

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003204.D
 Acq On : 16 Jul 2020 12:37
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:43:06 PM

Quant Time: Jul 17 05:43:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	633942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	575195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	305762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	170788	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	7.73	113	164261	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
50) Toluene-d8	10.18	98	614507	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.48	95	217659	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	72145	23.098	ug/l	100
3) Chloromethane	2.12	50	94914	21.908	ug/l	97
4) Vinyl Chloride	2.26	62	94038	21.155	ug/l	100
5) Bromomethane	2.65	94	71444	21.639	ug/l	100
6) Chloroethane	2.79	64	61485	21.059	ug/l	99
7) Trichlorofluoromethane	3.13	101	134608	21.204	ug/l	98
8) Diethyl Ether	3.53	74	43001	20.215	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78469	20.467	ug/l	98
10) Methyl Iodide	4.10	142	73699	17.693	ug/l	99
11) Tert butyl alcohol	4.96	59	38209	96.068	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74212	20.465	ug/l	98
13) Acrolein	3.73	56	28528	82.638	ug/l	97
14) Allyl chloride	4.48	41	123610	22.972	ug/l	97
15) Acrylonitrile	5.18	53	102483	100.294	ug/l	99
16) Acetone	3.96	43	86070	104.760	ug/l	97
17) Carbon Disulfide	4.20	76	236823	21.283	ug/l	99
18) Methyl Acetate	4.49	43	47060	20.625	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	202558	19.932	ug/l	99
20) Methylene Chloride	4.72	84	117958	25.885	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	83046	20.247	ug/l	98
22) Diisopropyl ether	6.13	45	263652	22.078	ug/l	98
23) Vinyl Acetate	6.07	43	838743	105.374	ug/l	99
24) 1,1-Dichloroethane	6.02	63	147554	21.327	ug/l	100
25) 2-Butanone	7.00	43	136927	101.504	ug/l	99
26) 2,2-Dichloropropane	6.99	77	134142	21.529	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	89797	19.885	ug/l	95
28) Bromochloromethane	7.34	49	67230	22.444	ug/l	96
29) Tetrahydrofuran	7.35	42	93455	103.126	ug/l	94
30) Chloroform	7.51	83	146750	20.594	ug/l	100
31) Cyclohexane	7.79	56	146416	21.885	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	131576	20.511	ug/l	99
36) 1,1-Dichloropropene	7.93	75	118242	20.580	ug/l	99
37) Ethyl Acetate	7.08	43	64886	20.970	ug/l	95
38) Carbon Tetrachloride	7.91	117	121651	20.509	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	144636	20.039	ug/l	94
40) Benzene	8.16	78	324009	20.480	ug/l	95
41) Methacrylonitrile	7.33	41	39669m	21.287	ug/l	
42) 1,2-Dichloroethane	8.24	62	97298	19.977	ug/l	100
43) Isopropyl Acetate	8.28	43	121503	20.287	ug/l	99
44) Trichloroethene	8.94	130	93061	19.189	ug/l	95
45) 1,2-Dichloropropane	9.22	63	85820	20.964	ug/l	96
46) Dibromomethane	9.31	93	47422	19.834	ug/l	96
47) Bromodichloromethane	9.50	83	115383	20.291	ug/l	99
48) Methyl methacrylate	9.30	41	53169	19.858	ug/l	95
49) 1,4-Dioxane	9.30	88	11664	384.382	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	317193	101.893	ug/l	98
52) Toluene	10.24	92	203065	20.082	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	116497	19.773	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	136230	20.068	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	66078	19.503	ug/l	99
56) Ethyl methacrylate	10.51	69	91632	19.893	ug/l	96
57) 1,3-Dichloropropane	10.79	76	112717	19.621	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	243396	103.611	ug/l	97
59) 2-Hexanone	10.83	43	221740	102.038	ug/l	97
60) Dibromochloromethane	10.99	129	81718	19.177	ug/l	99
61) 1,2-Dibromoethane	11.09	107	62868	18.801	ug/l	99
64) Tetrachloroethene	10.72	164	95619	18.644	ug/l	98
65) Chlorobenzene	11.52	112	220275	19.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	84899	19.727	ug/l	99
67) Ethyl Benzene	11.59	91	398316	20.132	ug/l	100
68) m/p-Xylenes	11.70	106	304744	40.595	ug/l	99
69) o-Xylene	12.03	106	142309	20.292	ug/l	98
70) Styrene	12.04	104	240087	20.012	ug/l	98
71) Bromoform	12.20	173	52314	18.520	ug/l #	98
73) Isopropylbenzene	12.33	105	390459	20.039	ug/l	100
74) N-amyl acetate	12.14	43	112457	20.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	75081	19.951	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	52688m	19.467	ug/l	
77) Bromobenzene	12.61	156	98415	19.814	ug/l	99
78) n-propylbenzene	12.67	91	471415	20.525	ug/l	100
79) 2-Chlorotoluene	12.75	91	260912	20.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	332448	20.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27634	19.871	ug/l	94
82) 4-Chlorotoluene	12.85	91	274645	20.533	ug/l	100
83) tert-Butylbenzene	13.07	119	291977	20.376	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	333673	20.420	ug/l	99
85) sec-Butylbenzene	13.25	105	405557	20.592	ug/l	99
86) p-Isopropyltoluene	13.37	119	369360	20.085	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	186469	19.853	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	184780	19.871	ug/l	98
89) n-Butylbenzene	13.69	91	366005	21.159	ug/l	99
90) Hexachloroethane	13.96	117	69686	20.808	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	162840	19.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10915	17.890	ug/l	100

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ClientSampleId :
VY0716SBS01

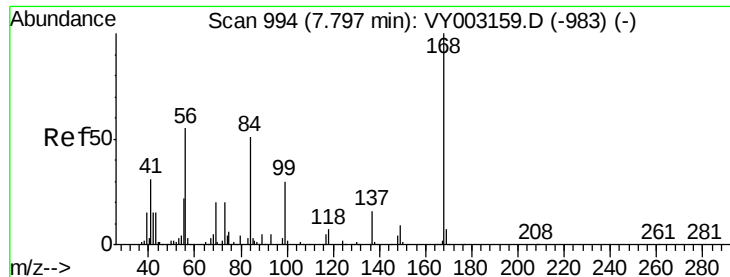
Manual Integrations
APPROVED

MMDadoda
7/17/2020 4:43:06 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	113990	19.439	ug/l	98
94) Hexachlorobutadiene	15.11	225	82120	20.438	ug/l	97
95) Naphthalene	15.23	128	169293	17.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	84540	18.238	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion:168 Resp: 435785

Ion Ratio Lower Upper

168 100

99 49.5

37.3

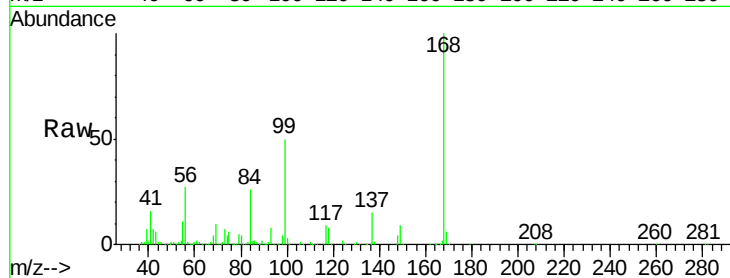
55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

100000

50000

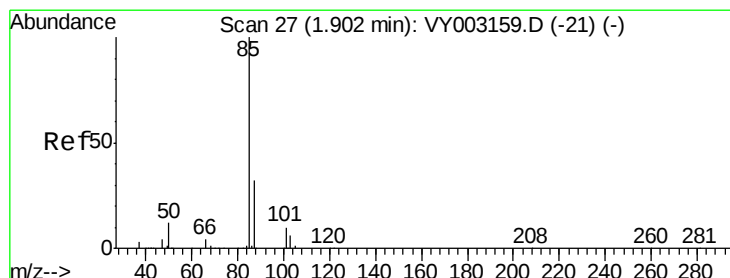
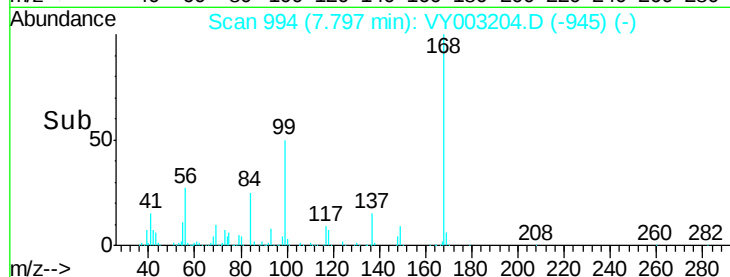
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.098 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion: 85 Resp: 72145

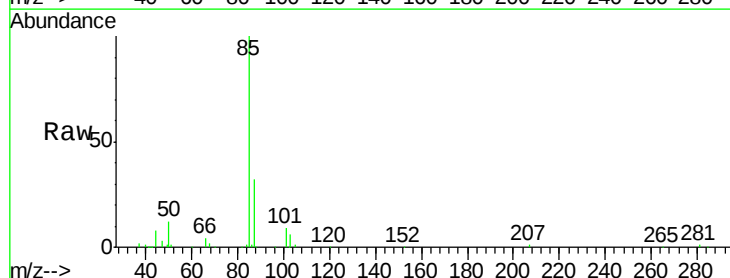
Ion Ratio Lower Upper

85 100

87 31.9

15.9

47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

30000

20000

10000

0

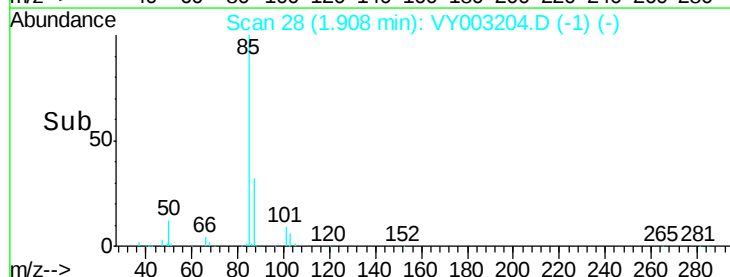
1.85

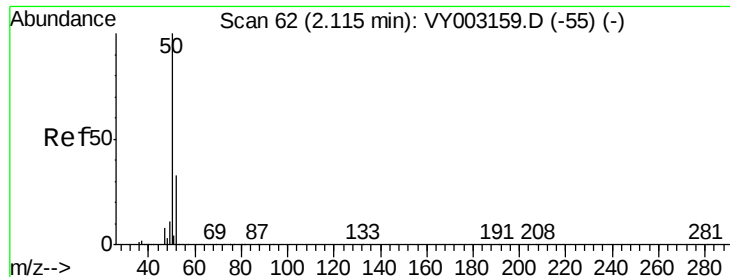
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 21.908 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 50 Resp: 94914

Ion Ratio Lower Upper

50 100

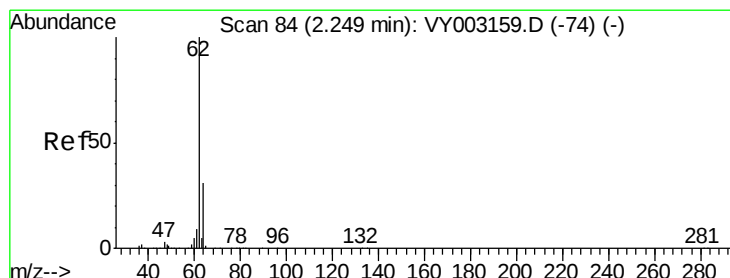
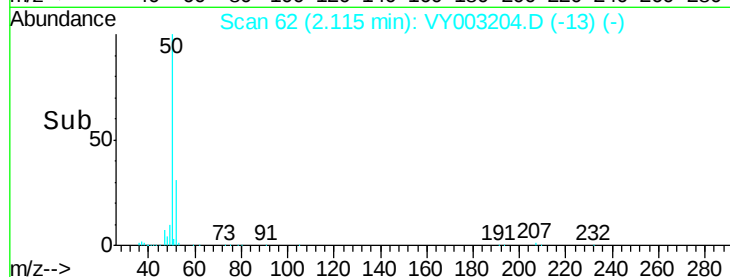
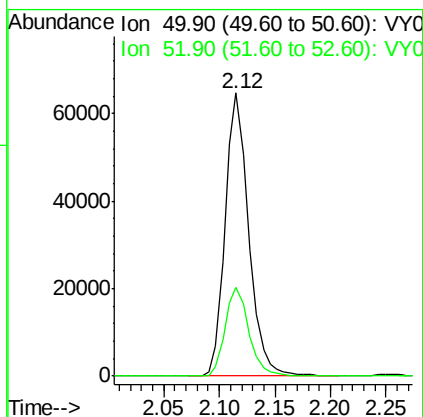
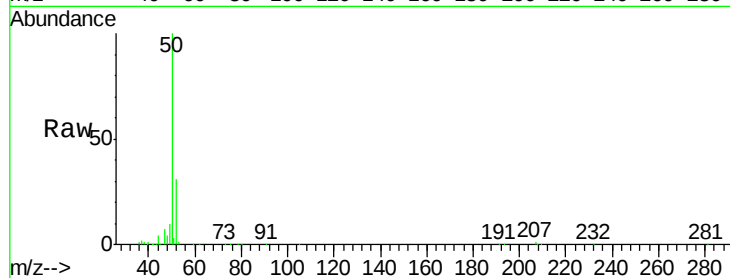
52 31.3 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.155 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003204.D

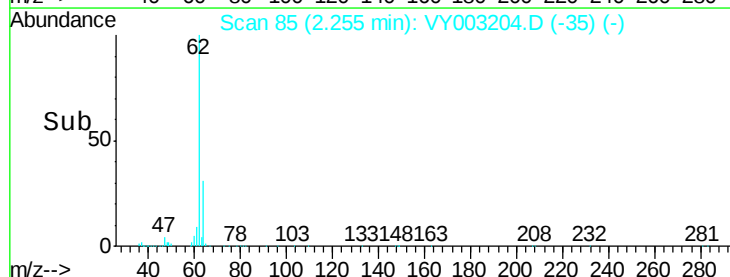
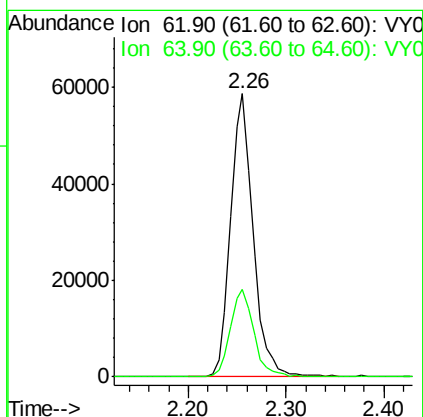
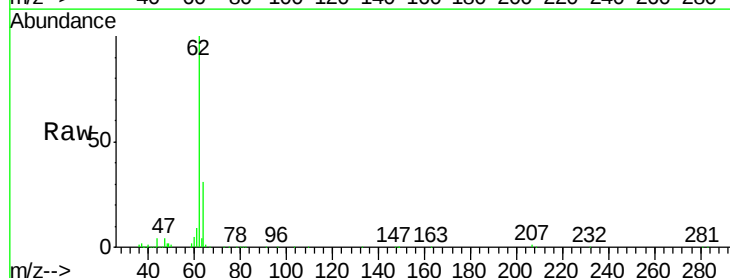
Acq: 16 Jul 2020 12:37

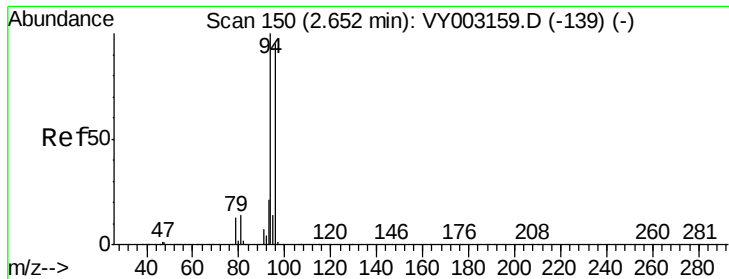
Tgt Ion: 62 Resp: 94038

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 21.639 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 94 Resp: 71444

Ion Ratio Lower Upper

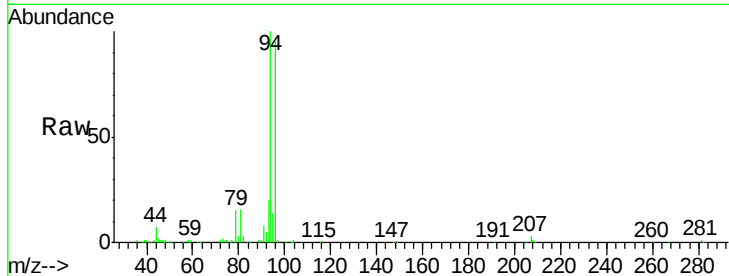
94 100

96 95.0 76.0 114.0

Manual Integrations
APPROVED

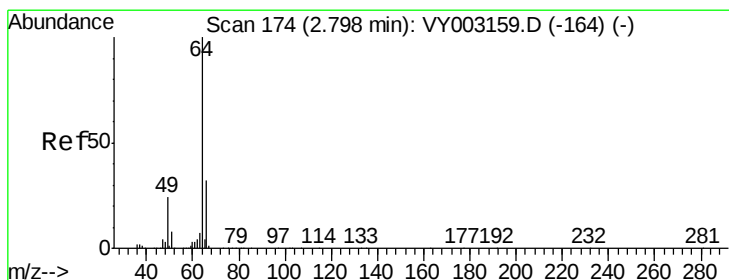
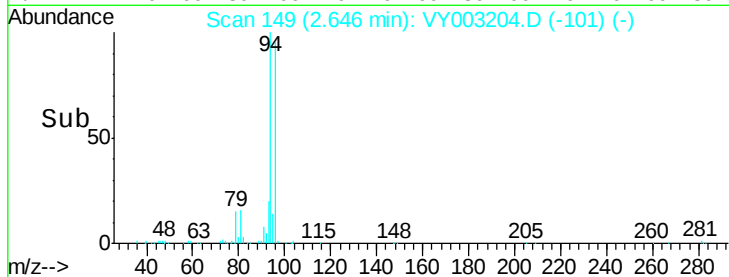
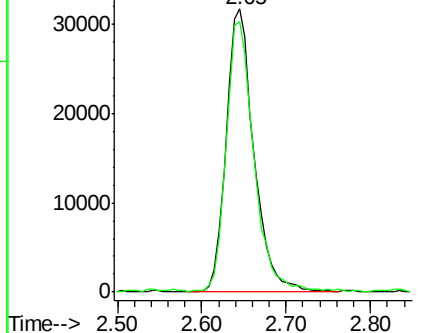
MMDadoda

7/17/2020 4:43:06 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.059 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003204.D

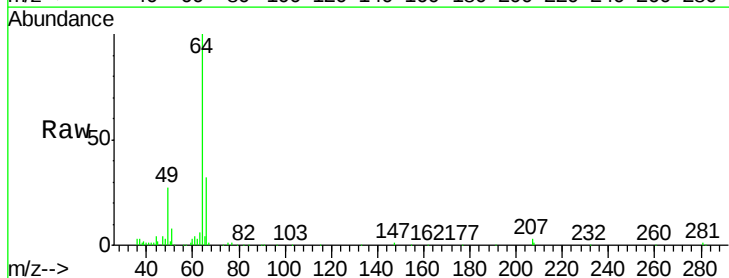
Acq: 16 Jul 2020 12:37

Tgt Ion: 64 Resp: 61485

Ion Ratio Lower Upper

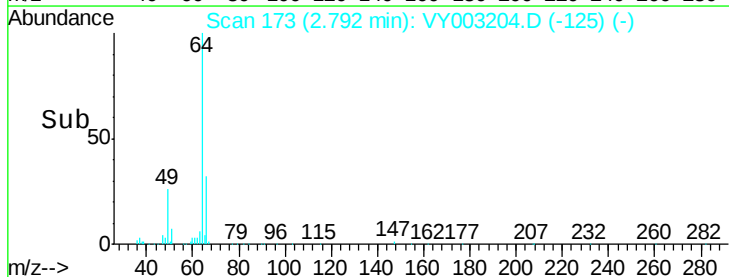
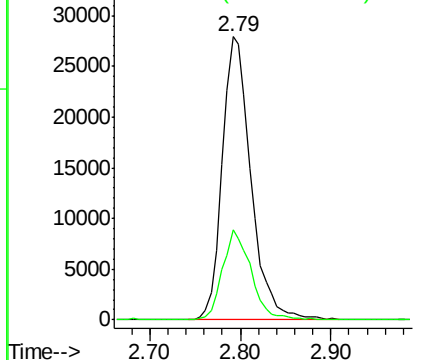
64 100

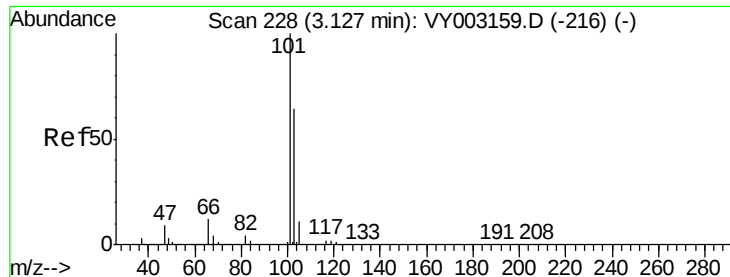
66 31.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

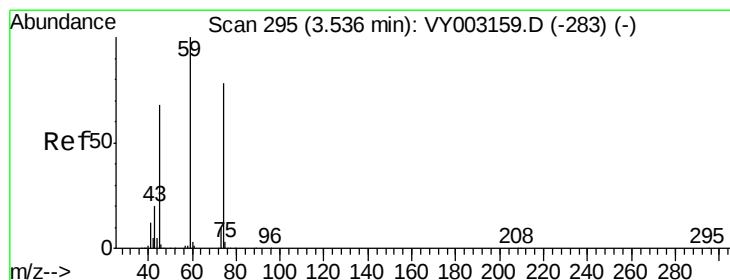
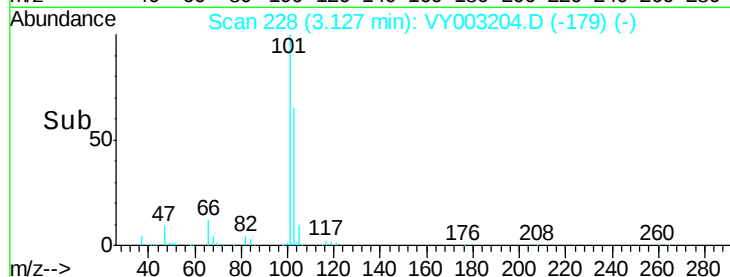
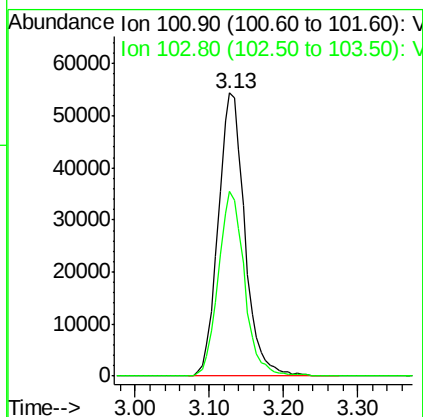
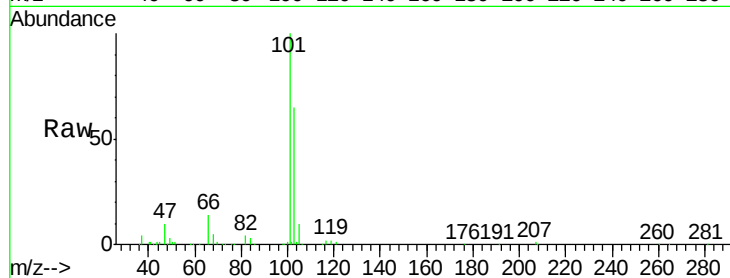
Trichlorofluoromethane
Concen: 21.204 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
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ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.3	76.9

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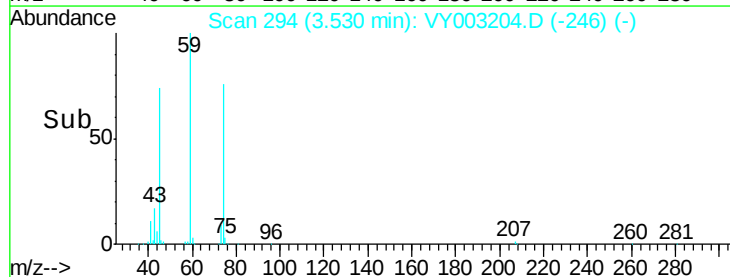
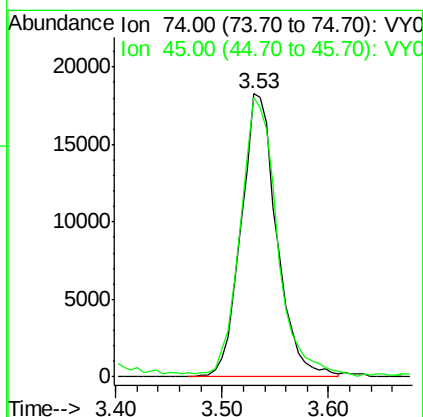
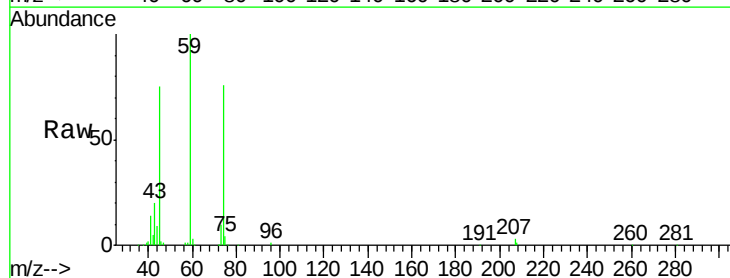
MMDadoda
7/17/2020 4:43:06 PM

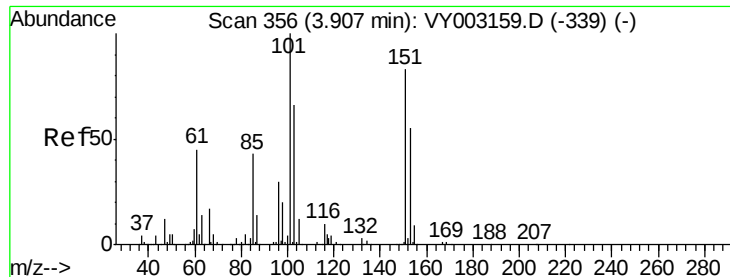


#8

Diethyl Ether
Concen: 20.215 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.467 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

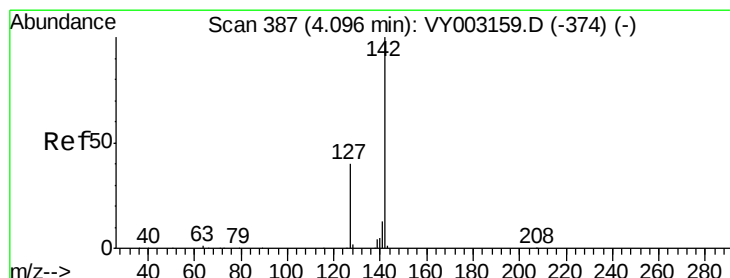
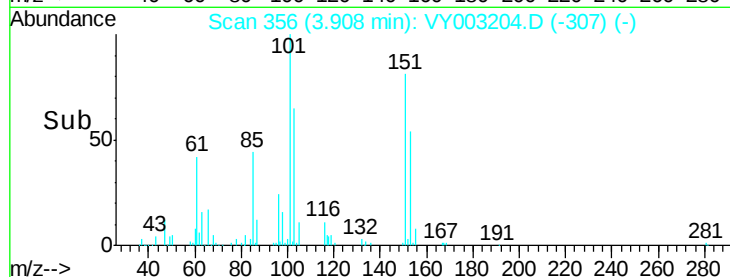
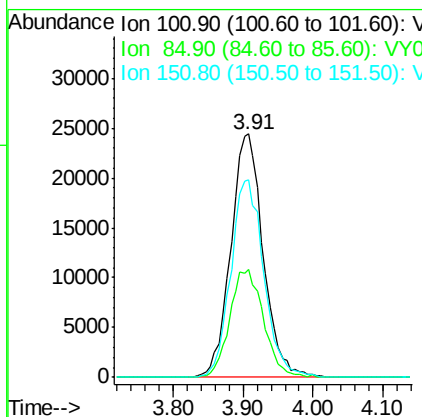
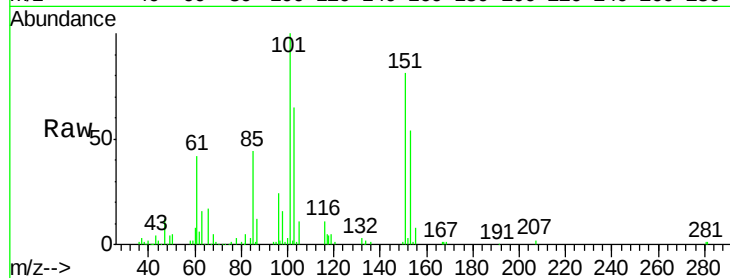
ClientSampleId :

VY0716SBS01

Tot Ion:	101	Resp:	78469
Ion Ratio	Lower	Upper	
101	100		
85	46.3	34.9	52.3
151	82.7	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.693 ug/l

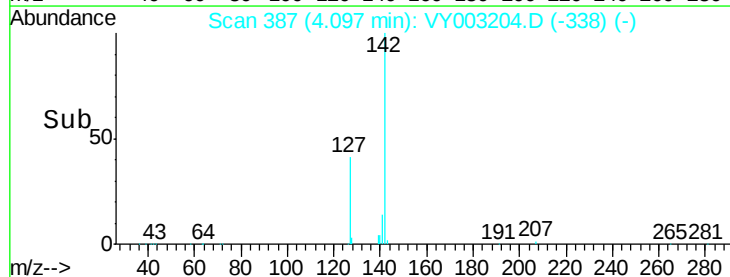
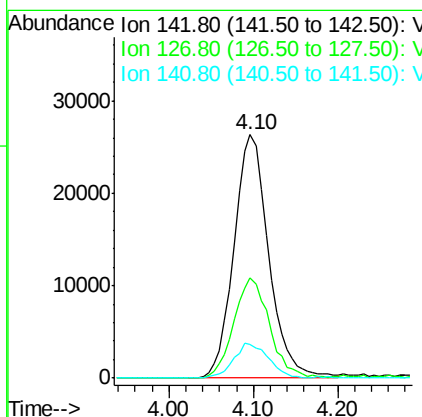
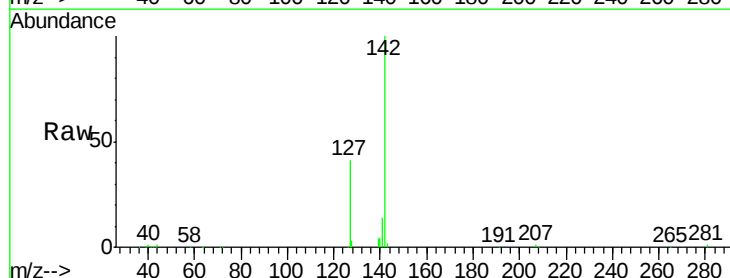
RT: 4.10 min Scan# 387

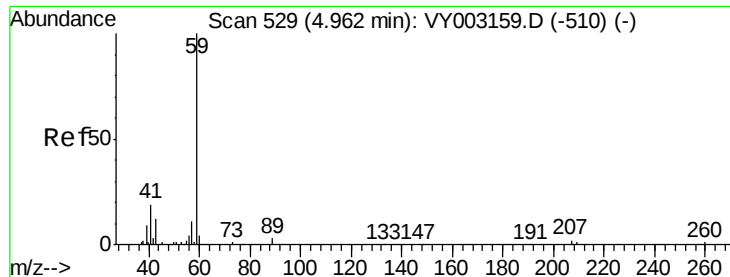
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion:	142	Resp:	73699
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.5	50.3
141	14.5	11.2	16.8





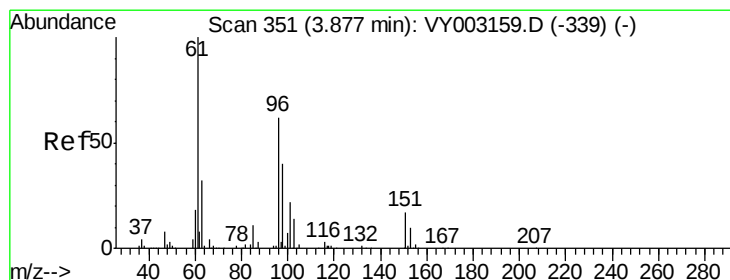
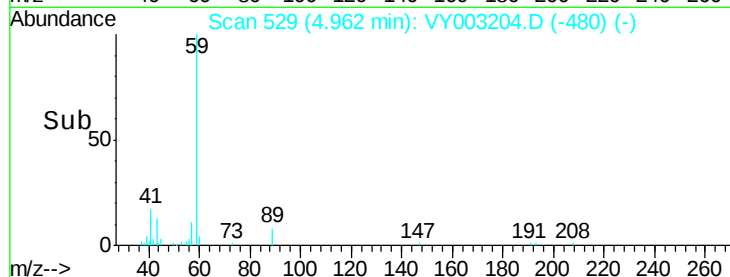
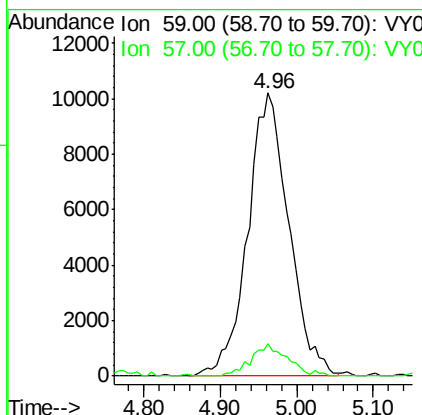
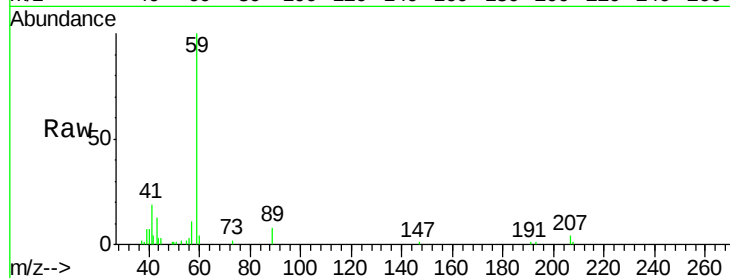
#11
Tert butyl alcohol
Concen: 96.068 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

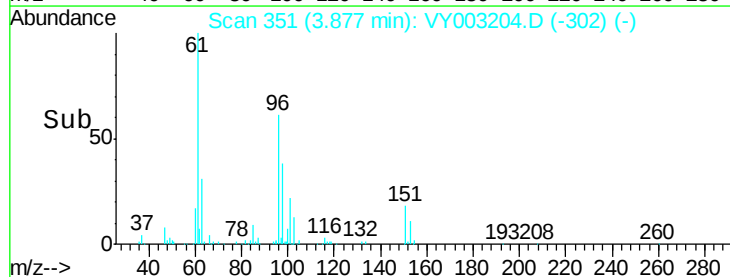
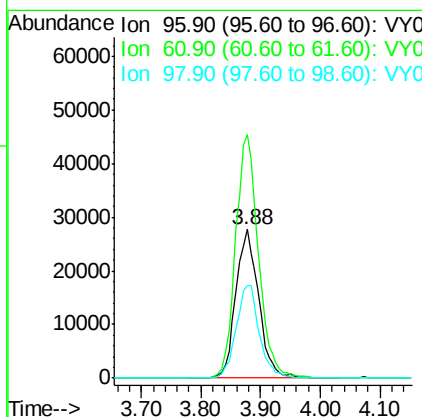
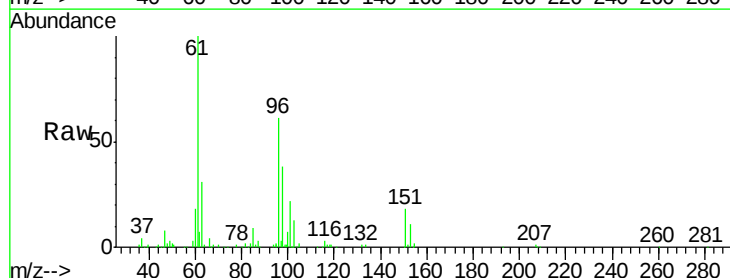
Manual Integrations
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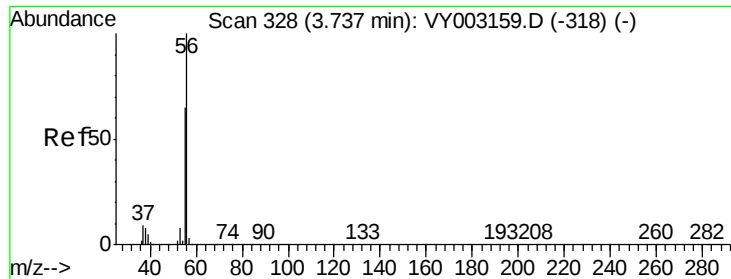
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.465 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	128.6	193.0
98	62.1	51.6	77.4





#13

Acrolein

Concen: 82.638 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 56 Resp: 28528

Ion Ratio Lower Upper

56 100

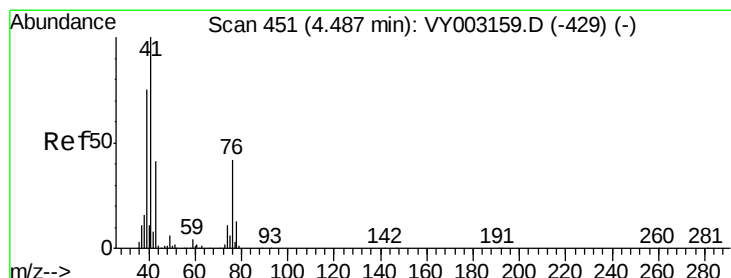
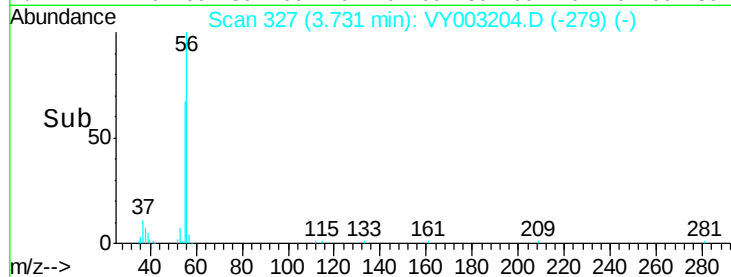
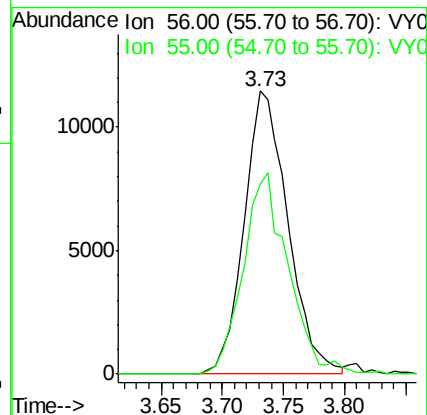
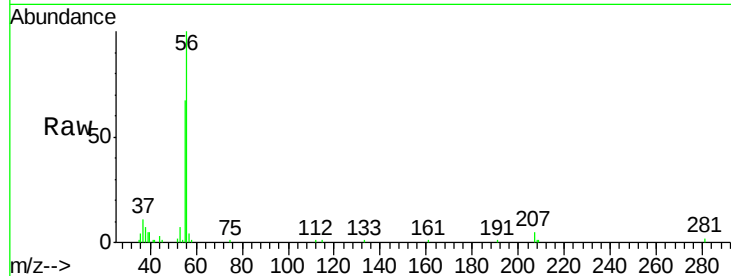
55 72.8 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 22.972 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

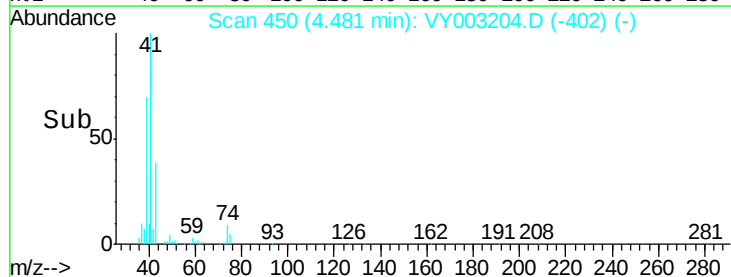
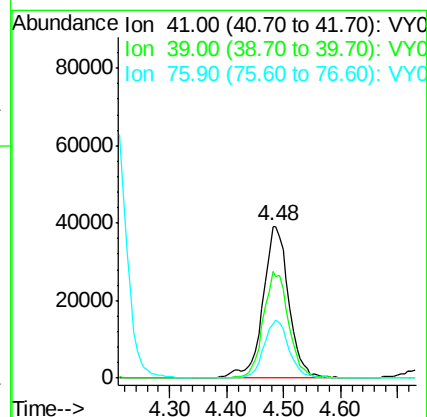
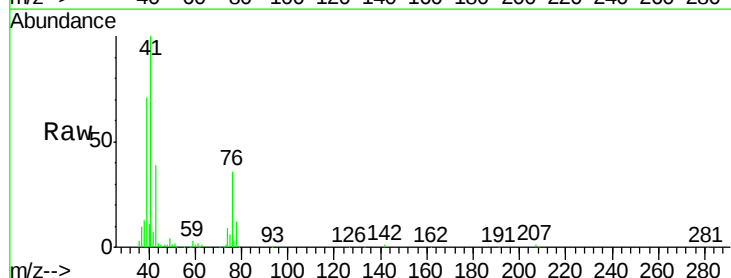
Tgt Ion: 41 Resp: 123610

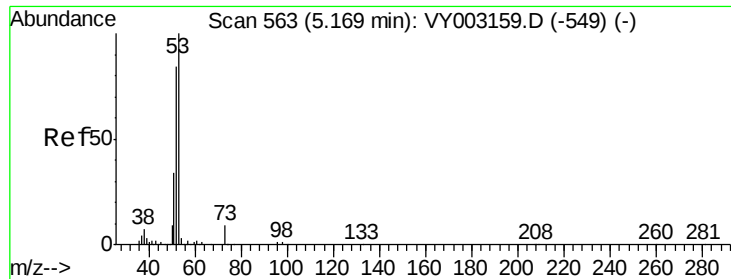
Ion Ratio Lower Upper

41 100

39 69.1 56.6 85.0

76 36.4 31.6 47.4





#15

Acrylonitrile

Concen: 100.294 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

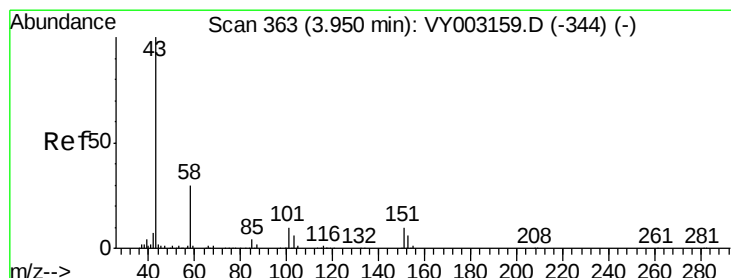
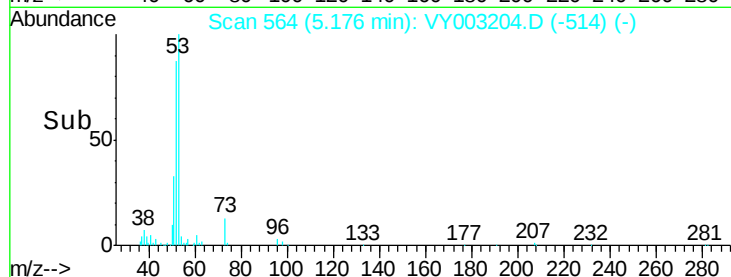
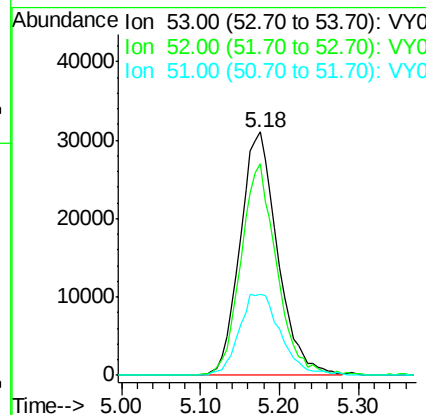
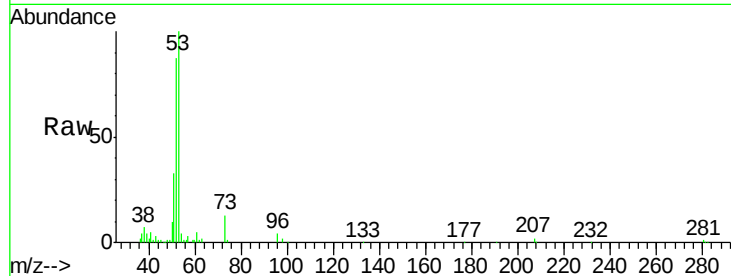
ClientSampleId :

VY0716SBS01

Tot Ion:	53	Resp:	102483
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.8	98.6
51	37.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 104.760 ug/l

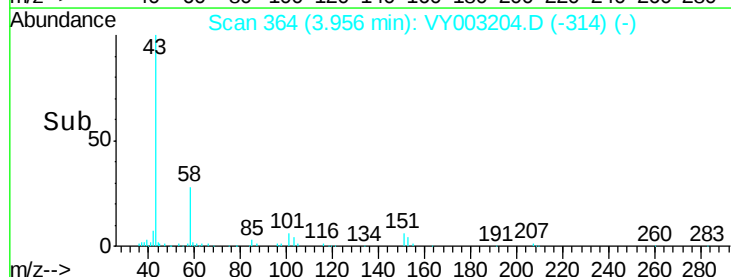
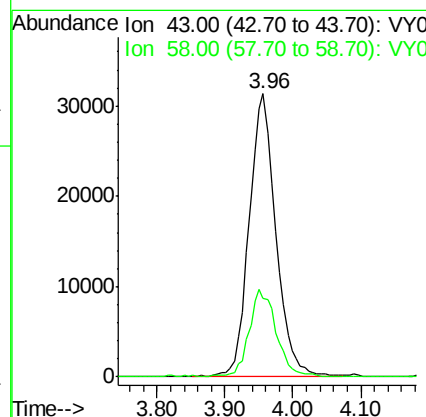
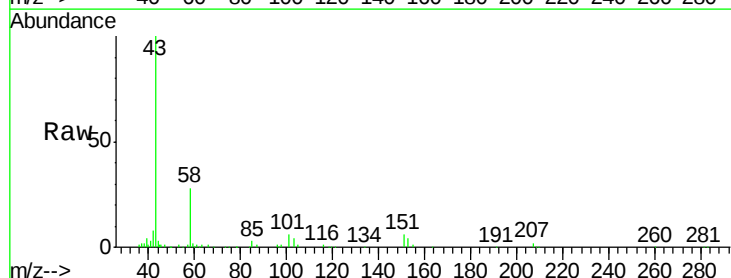
RT: 3.96 min Scan# 364

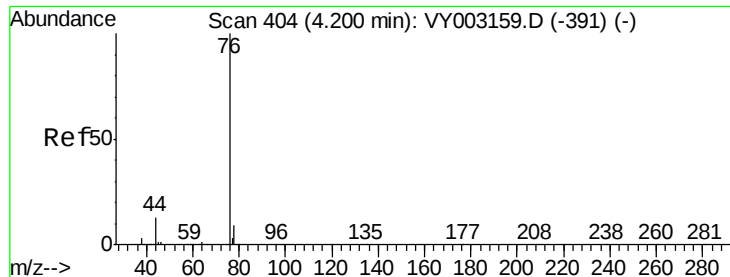
Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion:	43	Resp:	86070
Ion Ratio	Lower	Upper	
43	100		
58	27.8	23.8	35.6





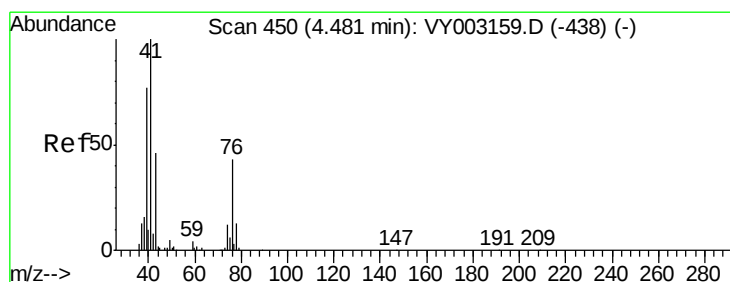
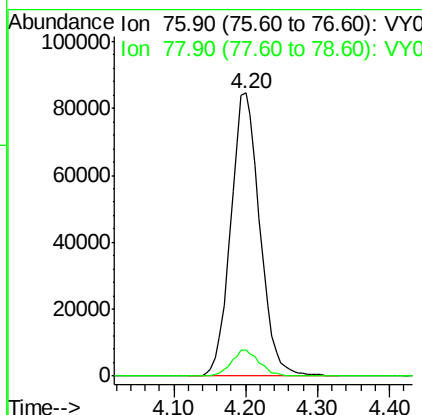
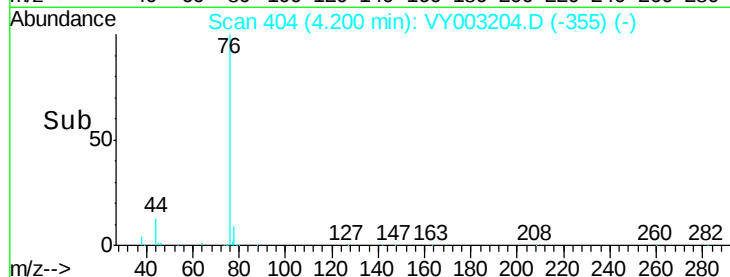
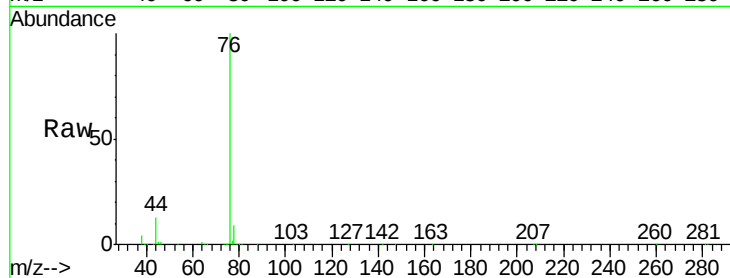
#17
Carbon Disulfide
Concen: 21.283 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

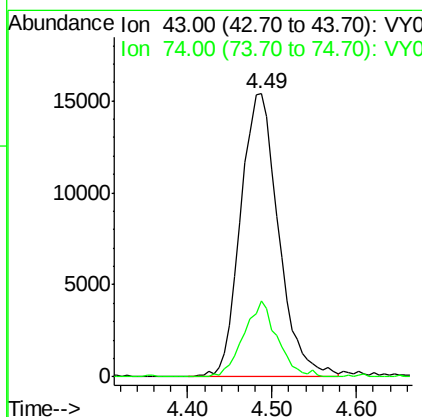
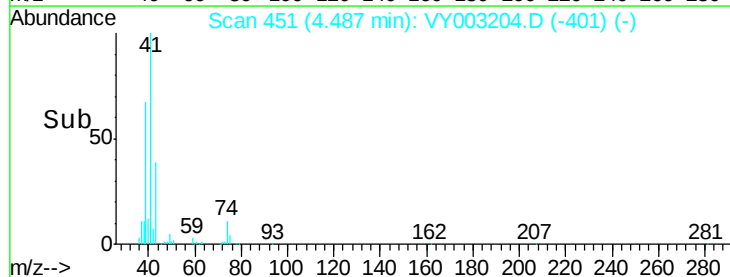
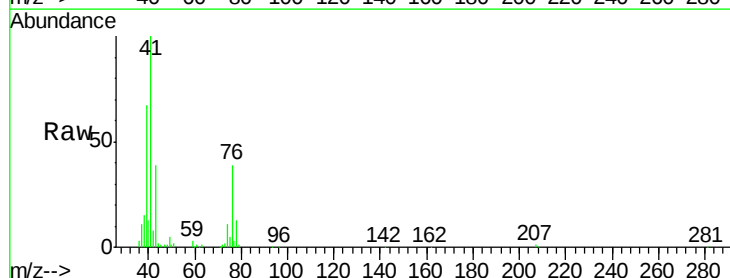
Manual Integrations
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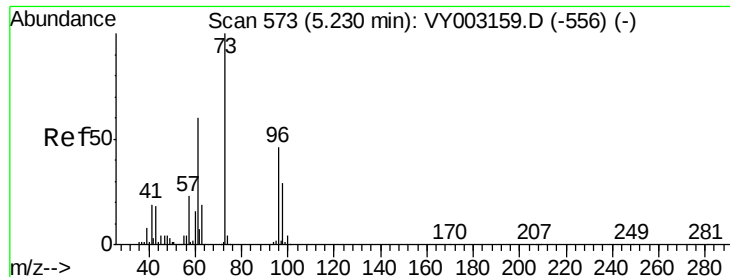
MMDadoda
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#18
Methyl Acetate
Concen: 20.625 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	20.8	31.2





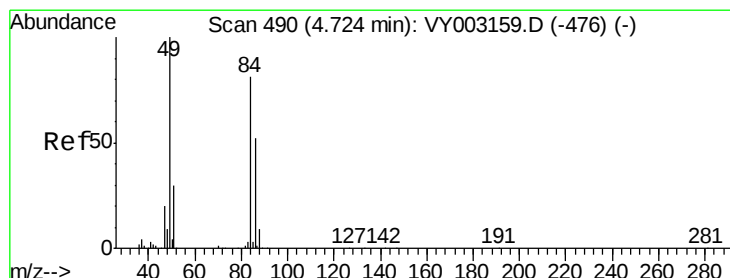
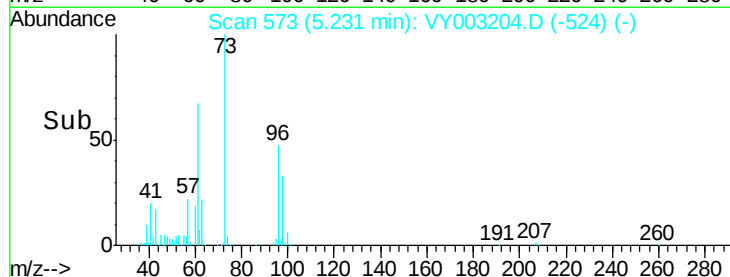
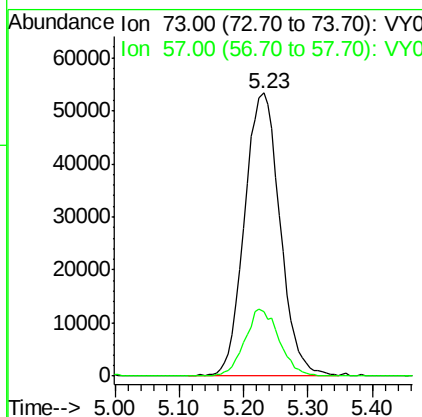
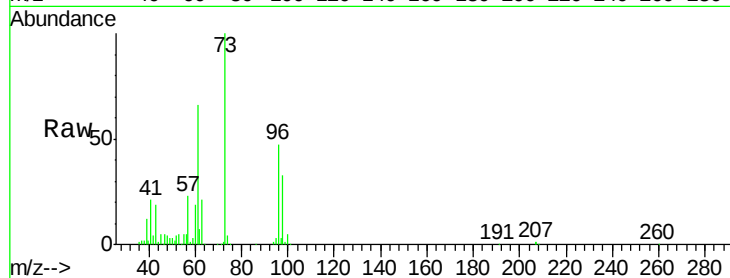
#19
Methvl tert-butvl Ether
Concen: 19.932 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.1	27.1

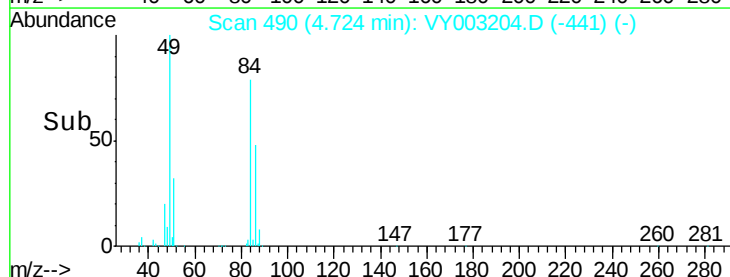
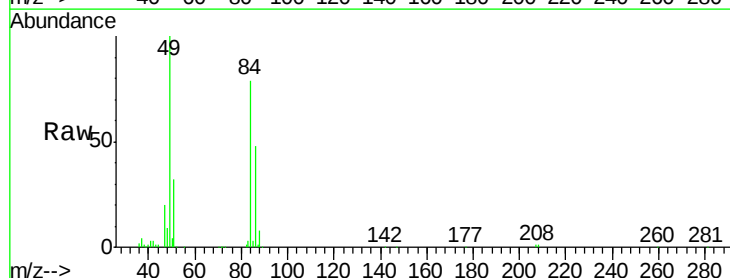
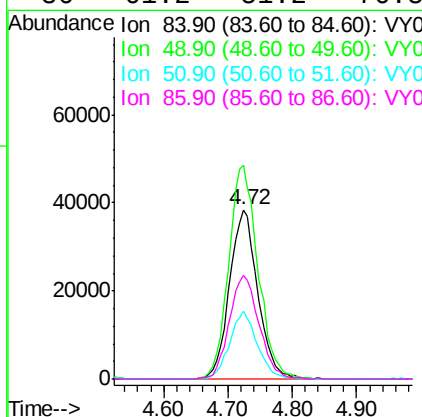
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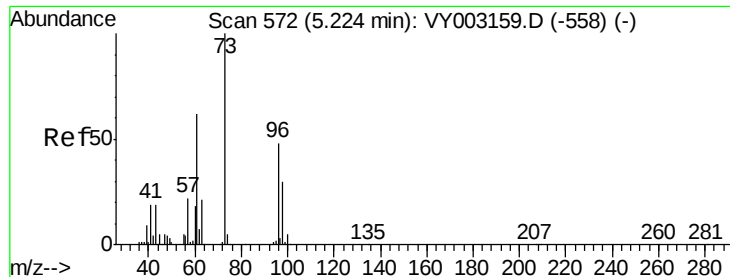
MMDadoda
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#20
Methylene Chloride
Concen: 25.885 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.4	98.2	147.4
51	39.9	29.8	44.6
86	61.2	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 20.247 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

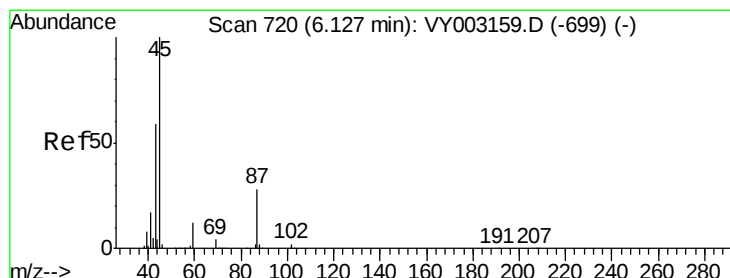
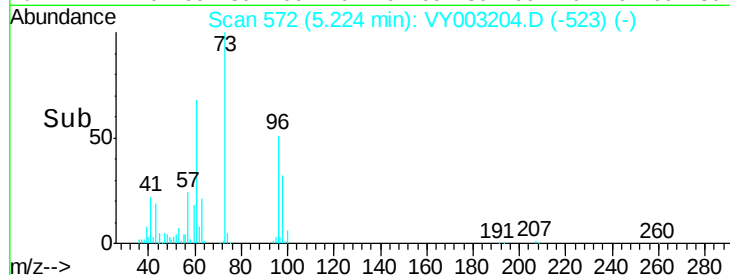
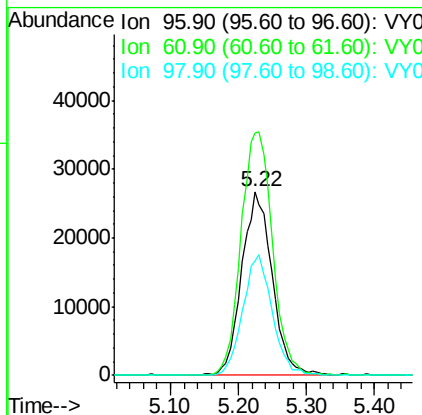
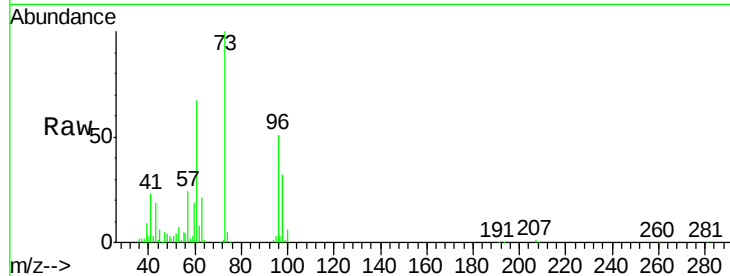
ClientSampleId :

VY0716SBS01

Tot Ion:	96	Resp:	83046
Ion	Ratio	Lower	Upper
96	100		
61	131.8	102.5	153.7
98	61.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.078 ug/l

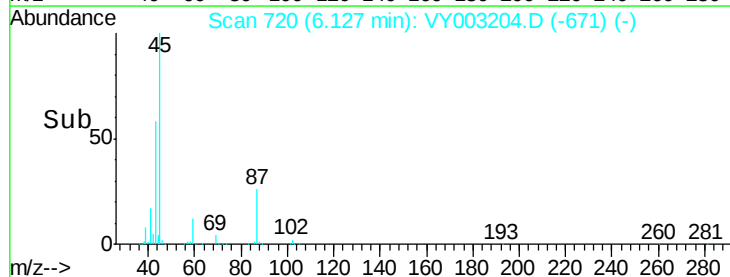
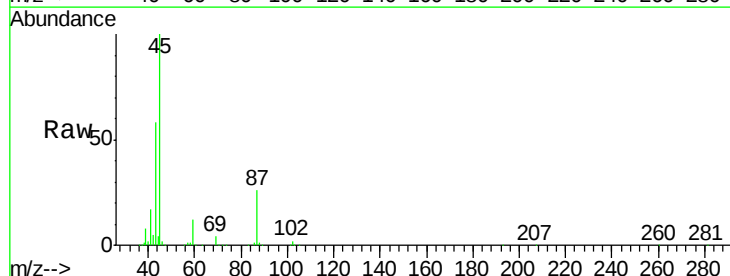
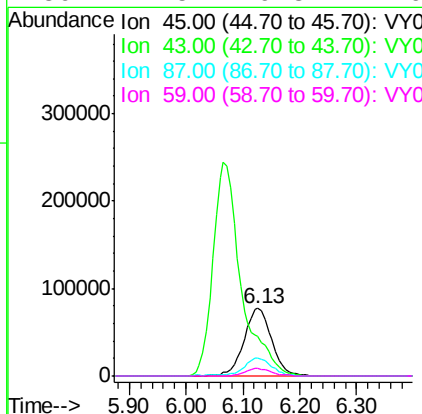
RT: 6.13 min Scan# 720

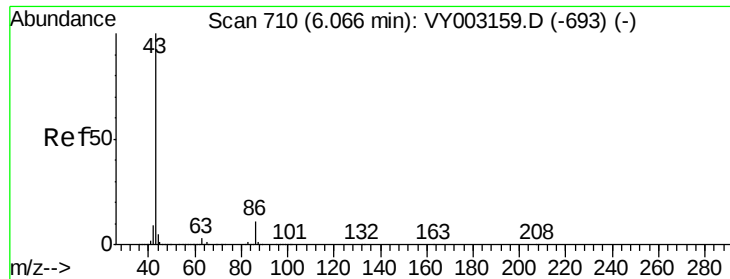
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion:	45	Resp:	263652
Ion	Ratio	Lower	Upper
45	100		
43	57.7	47.0	70.4
87	26.1	22.6	33.8
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 105.374 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 43 Resp: 838743

Ion Ratio Lower Upper

43 100

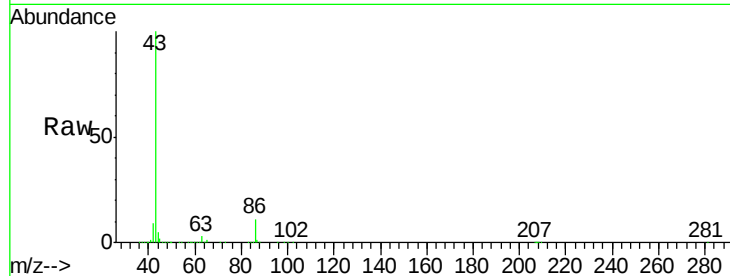
86 10.8 8.8 13.2

Manual Integrations

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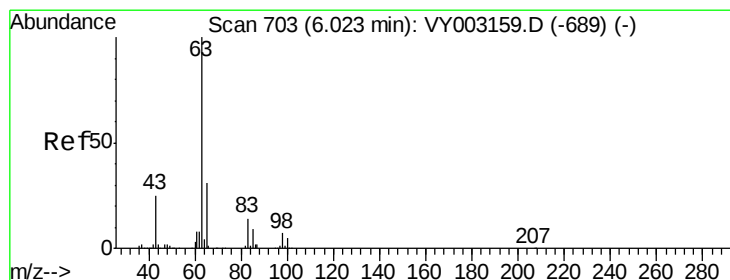
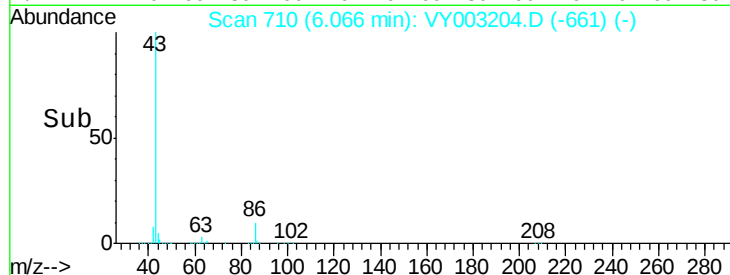
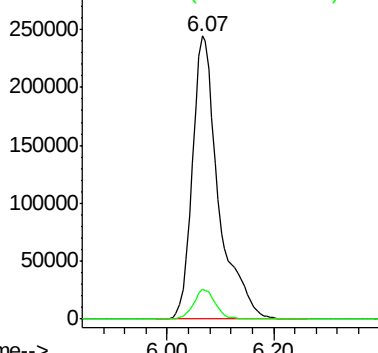
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.327 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

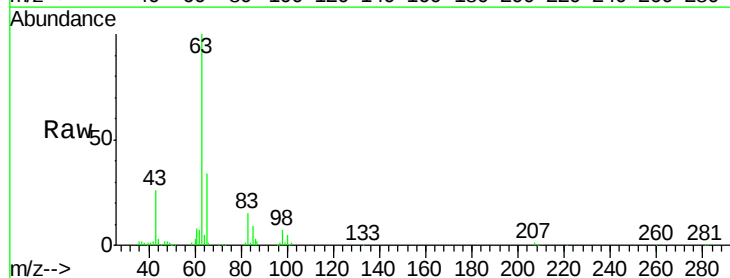
Tgt Ion: 63 Resp: 147554

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

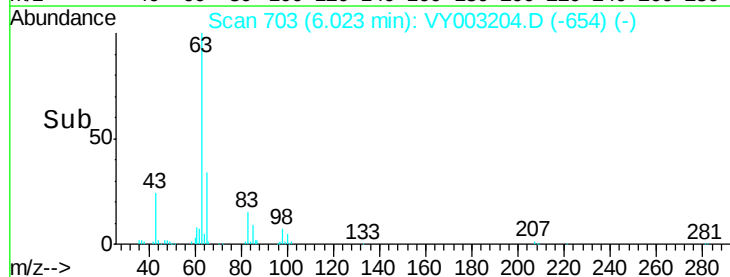
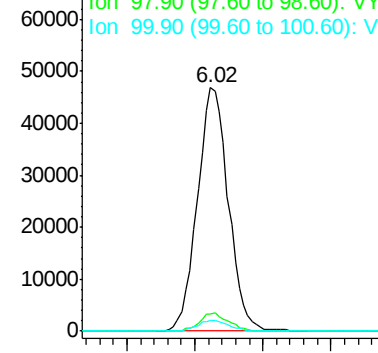
100 4.5 2.4 7.2

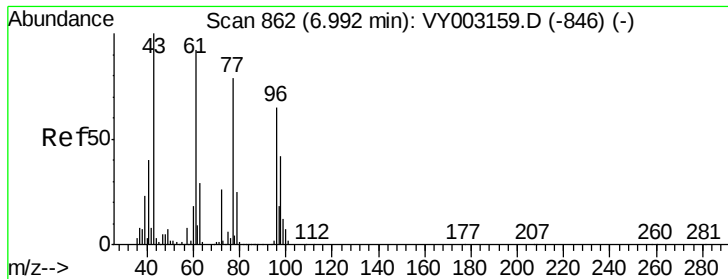


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 101.504 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 43 Resp: 136927

Ion Ratio Lower Upper

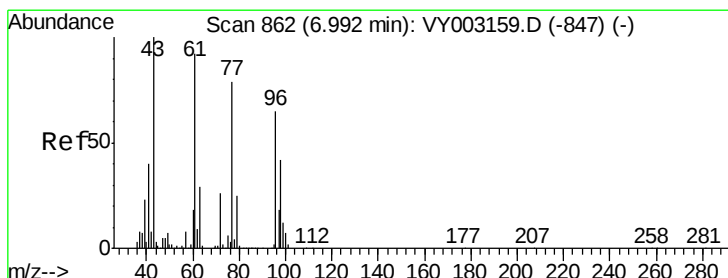
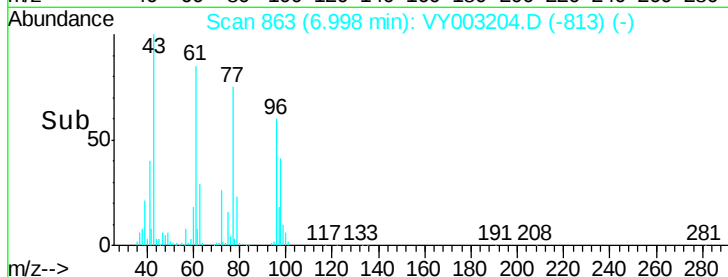
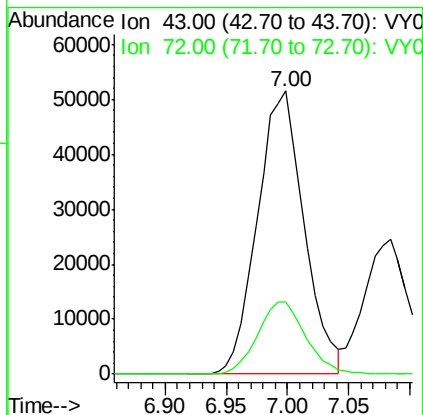
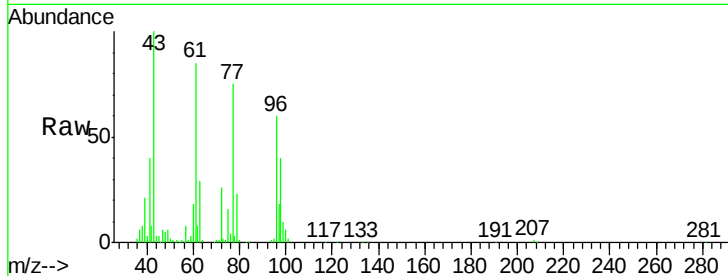
43 100

72 25.5 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 21.529 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003204.D

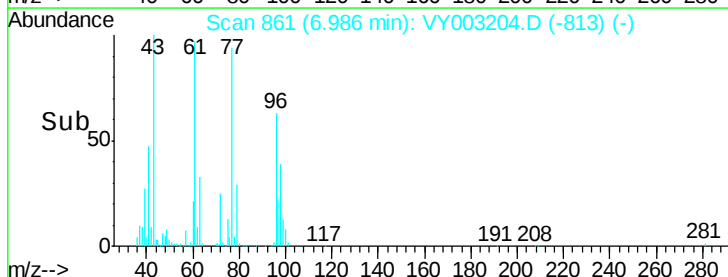
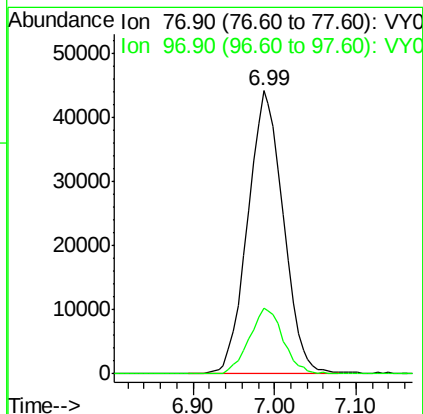
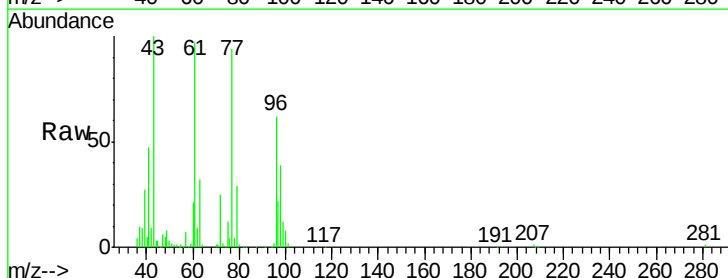
Acq: 16 Jul 2020 12:37

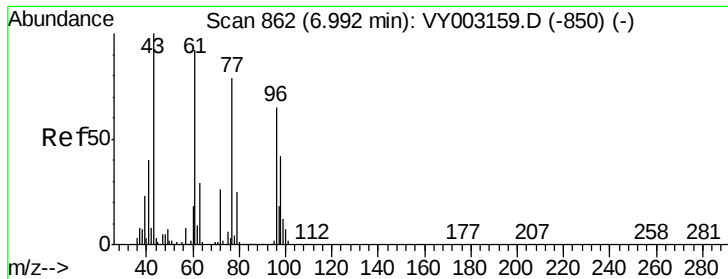
Tgt Ion: 77 Resp: 134142

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.7





#27

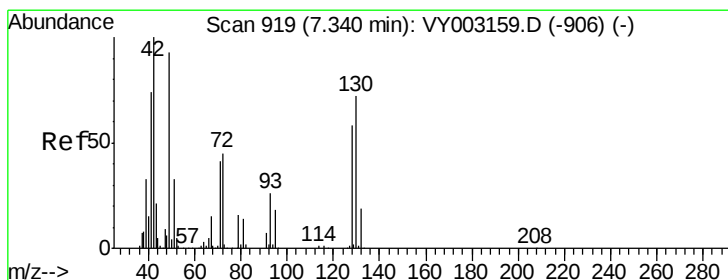
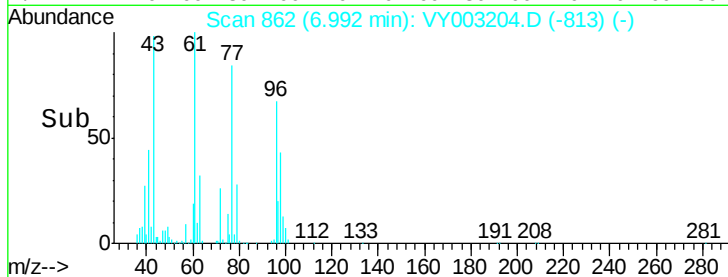
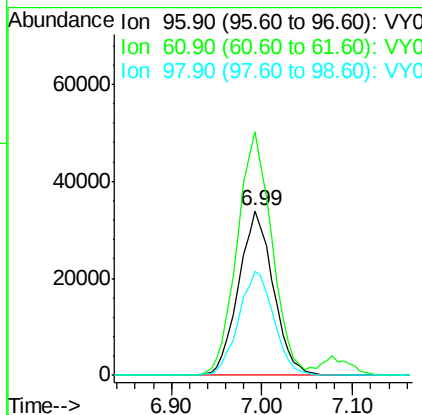
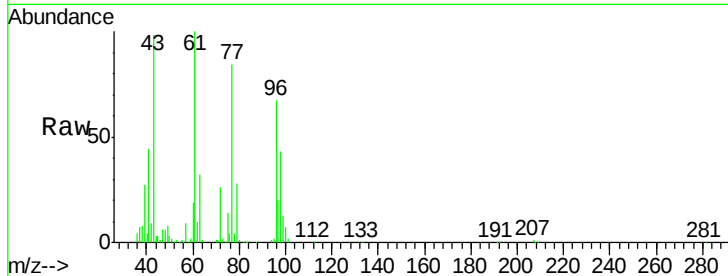
cis-1,2-Dichloroethene
Concen: 19.885 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	281.2
98	64.3	0.0	129.8

Manual Integrations
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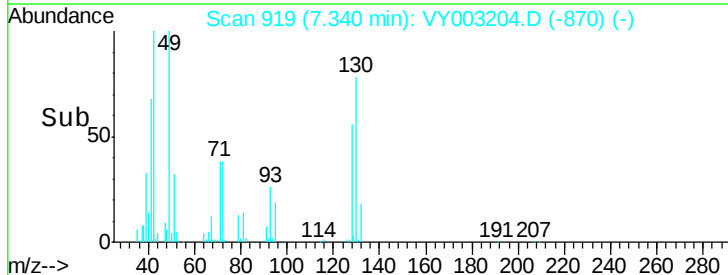
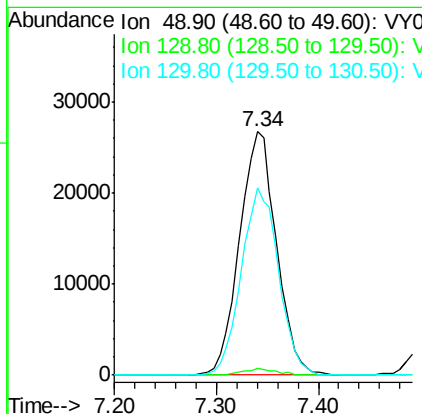
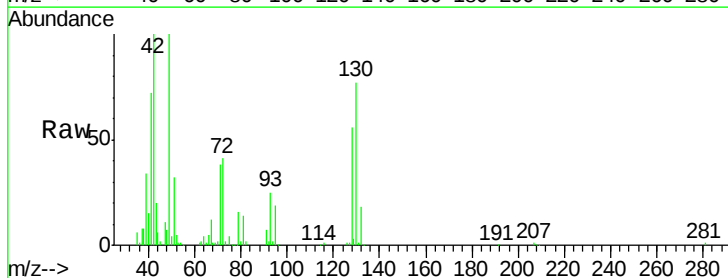
MMDadoda
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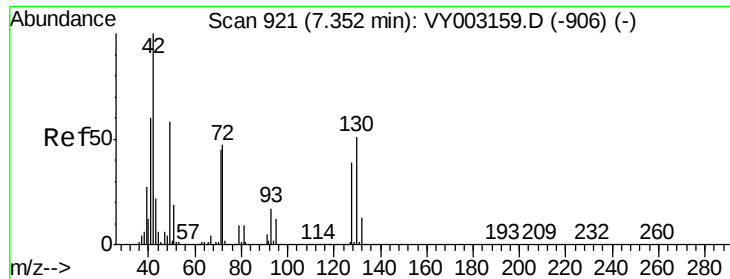


#28

Bromochloromethane
Concen: 22.444 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	77.6	64.9	97.3





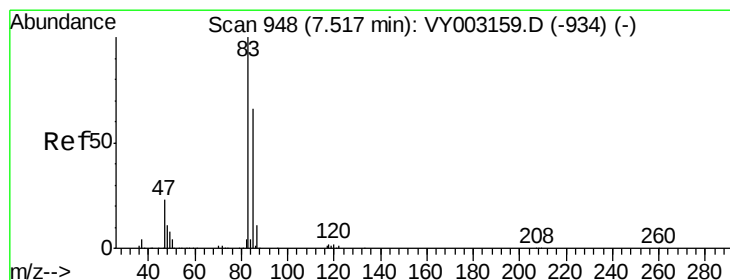
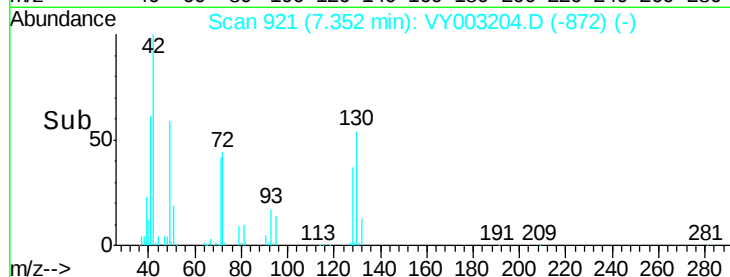
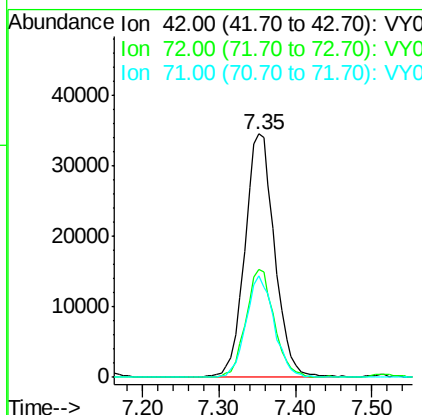
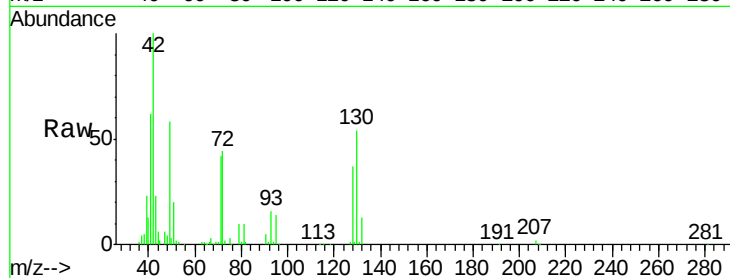
#29
Tetrahydrofuran
Concen: 103.126 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	36.7	55.1
71	39.2	34.2	51.4

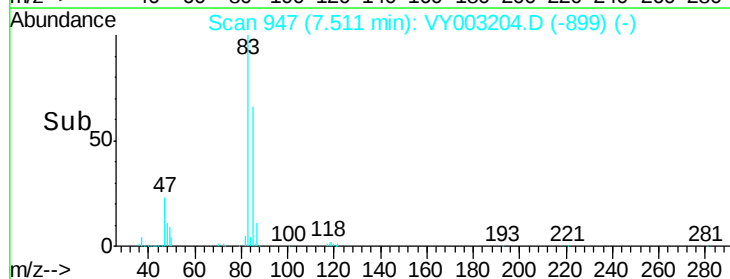
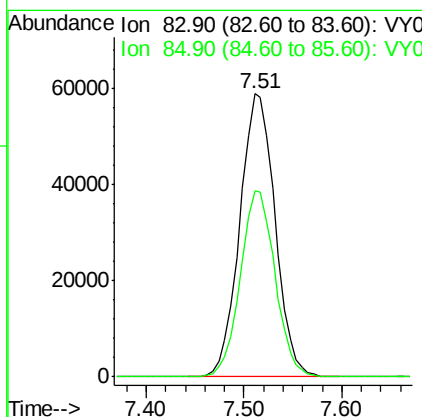
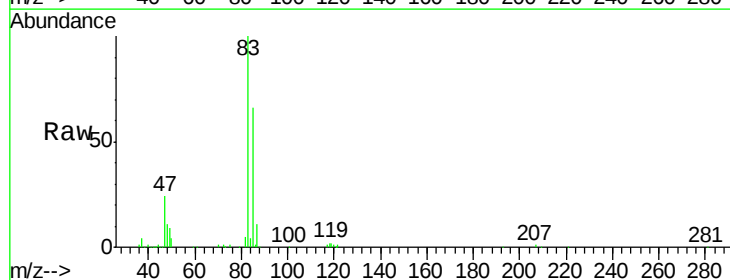
Manual Integrations
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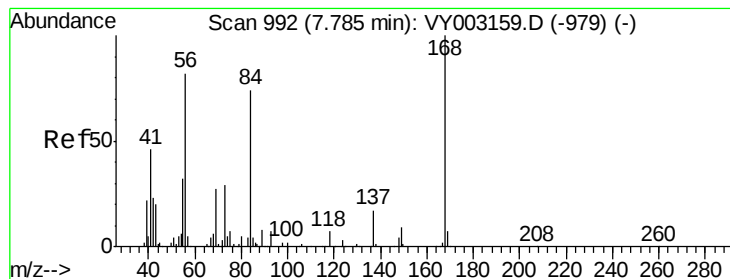
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#30
Chloroform
Concen: 20.594 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.6	78.8





#31

Cyclohexane

Concen: 21.885 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

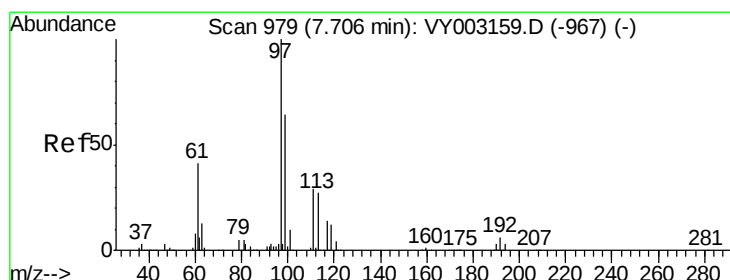
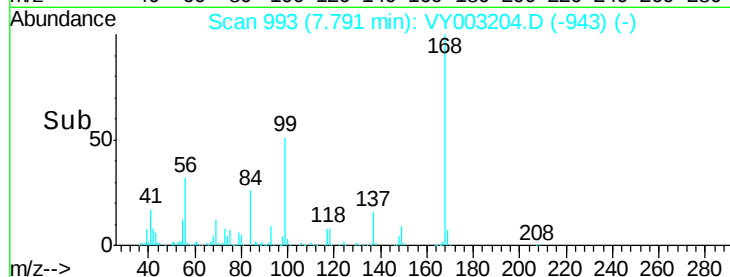
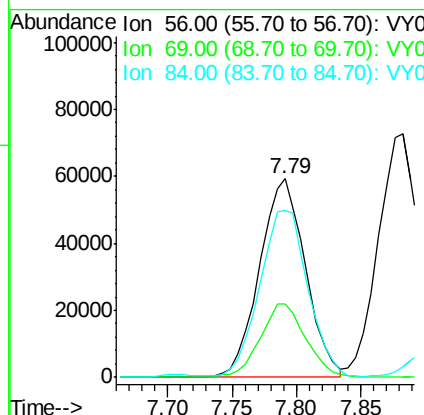
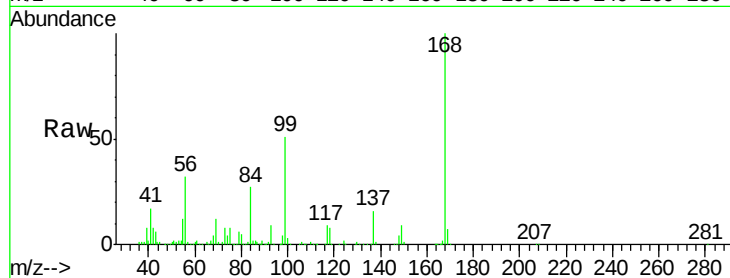
ClientSampleId :

VY0716SBS01

Tot Ion	56	Resp	146416
Ion	Ratio	Lower	Upper
56	100		
69	36.8	26.7	40.1
84	83.0	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.511 ug/l

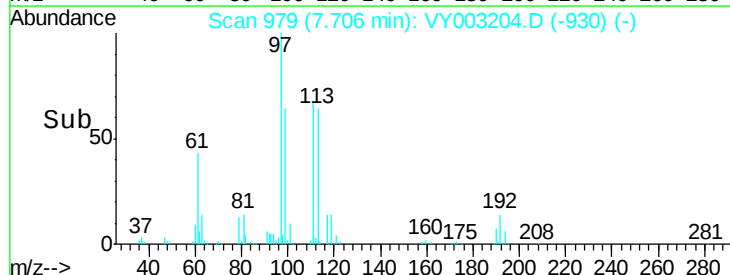
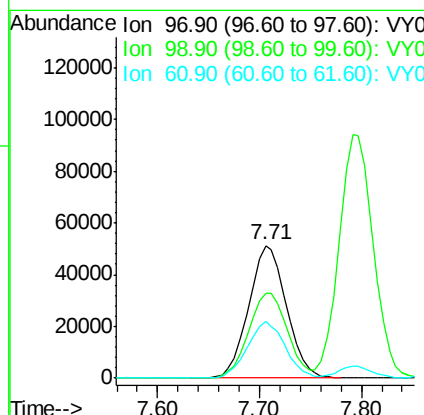
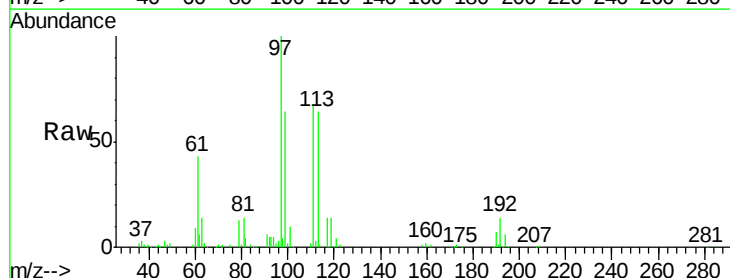
RT: 7.71 min Scan# 979

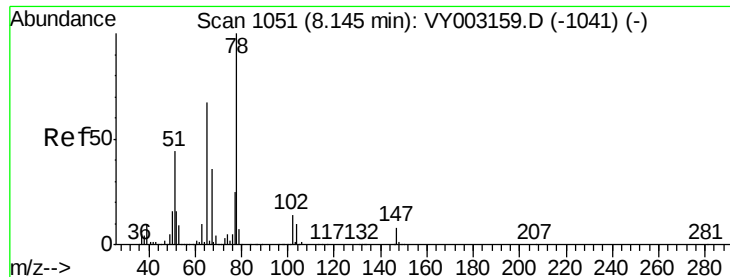
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion	97	Resp	131576
Ion	Ratio	Lower	Upper
97	100		
99	66.5	52.1	78.1
61	42.8	33.9	50.9





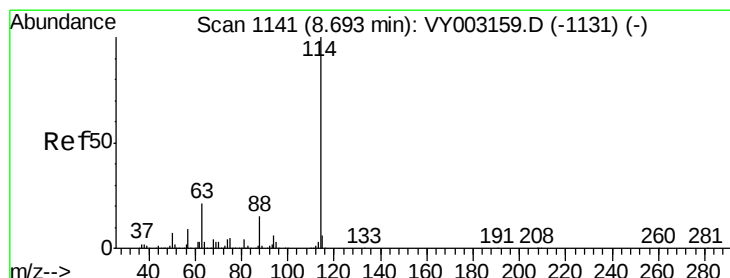
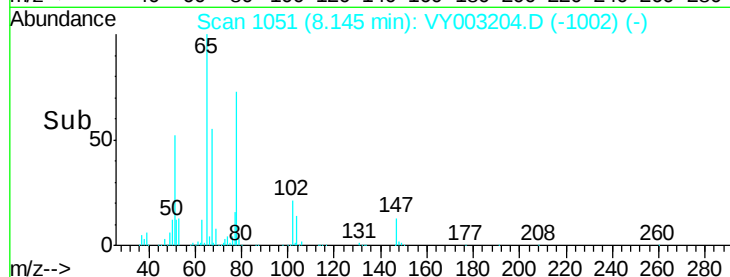
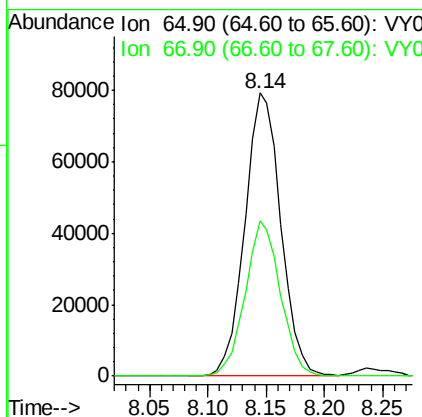
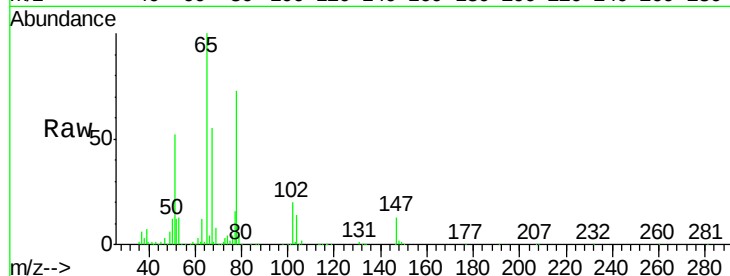
#33
 1,2-Dichloroethane-d4
 Concen: 46.433 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	105.2	

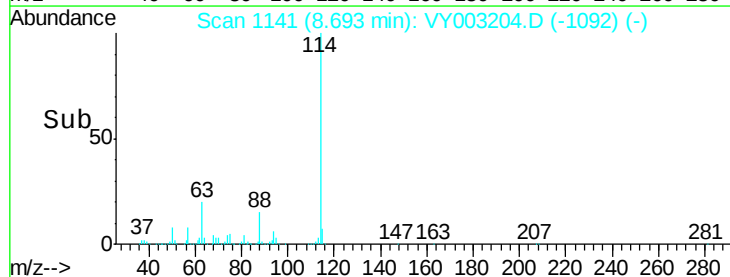
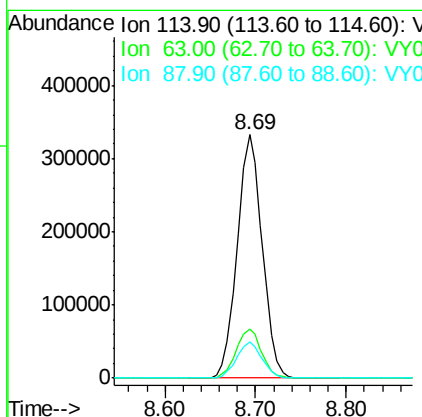
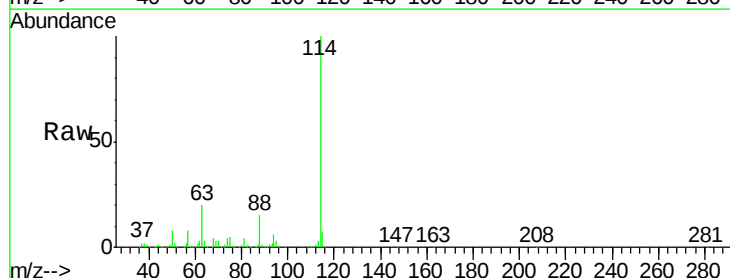
Manual Integrations
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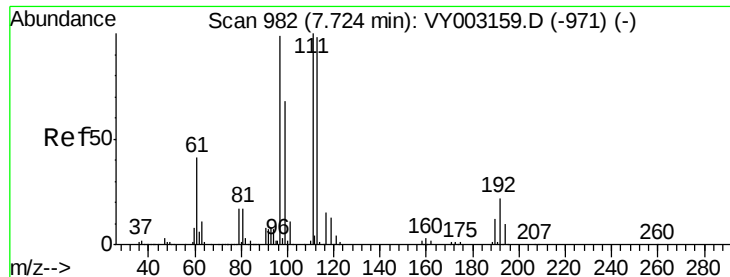
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	41.2	
88	14.8	0.0	30.2	





#35

Dibromofluoromethane

Concen: 45.025 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

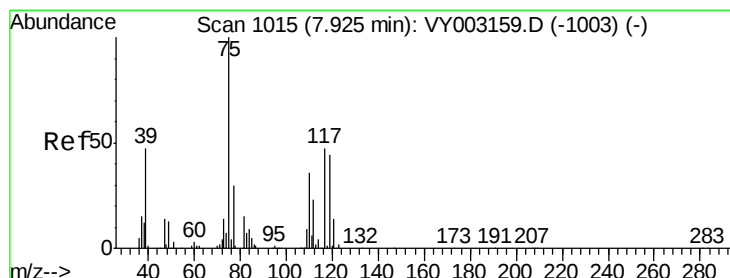
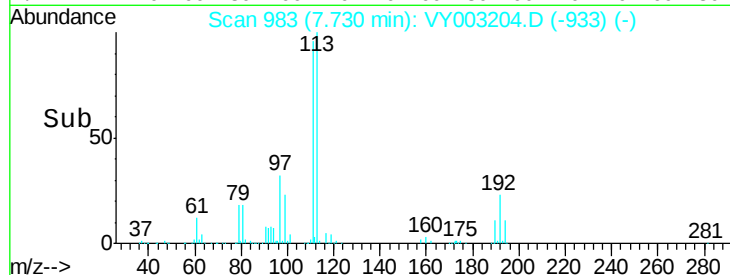
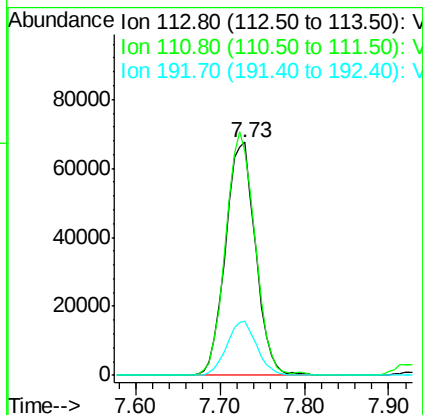
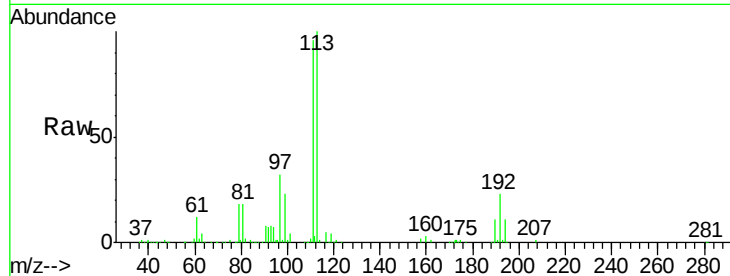
ClientSampleId :

VY0716SBS01

Tot Ion:	113	Resp:	164261
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.1	123.1
192	23.0	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.580 ug/l

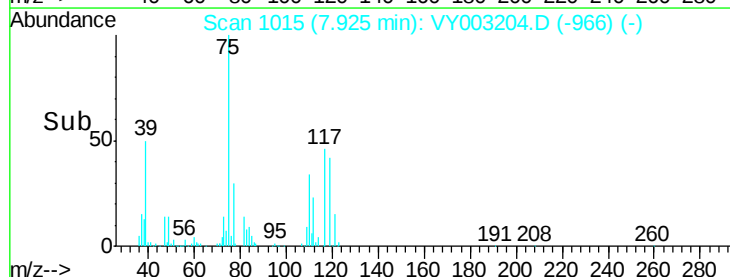
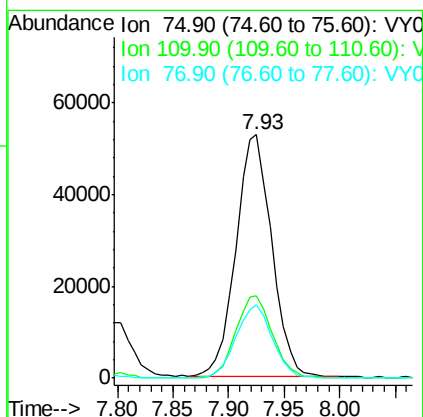
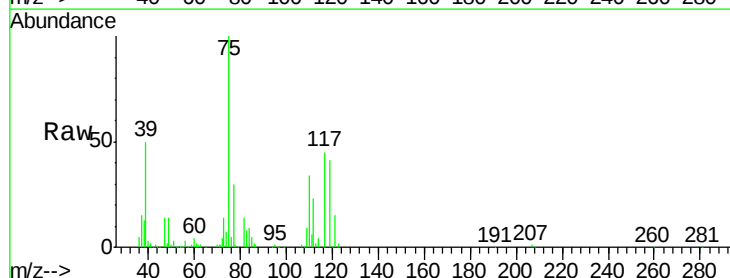
RT: 7.93 min Scan# 1015

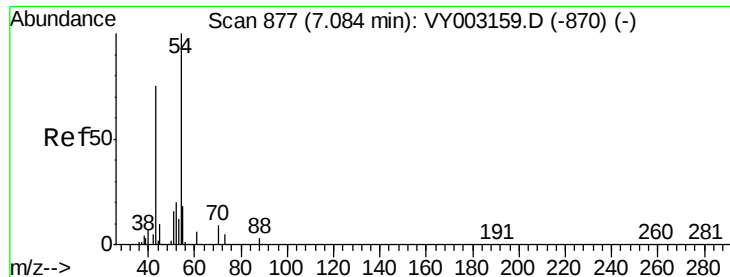
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion:	75	Resp:	118242
Ion Ratio	Lower	Upper	
75	100		
110	34.9	18.1	54.1
77	30.9	24.8	37.2





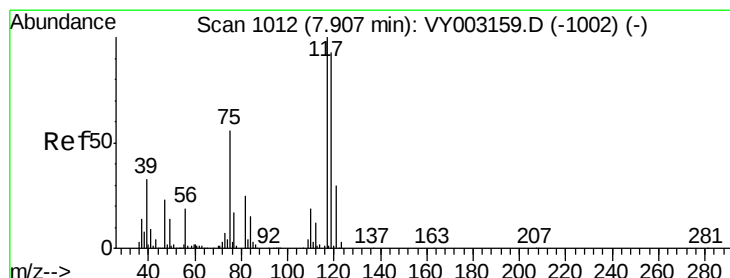
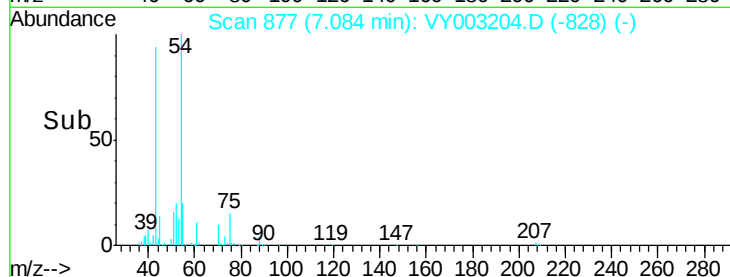
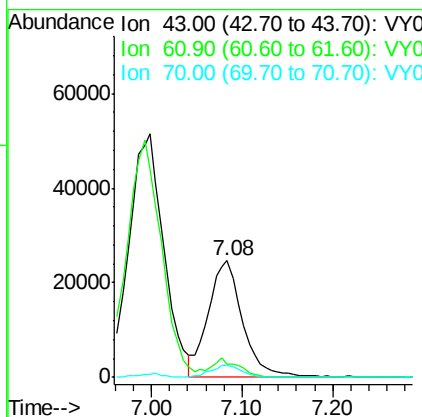
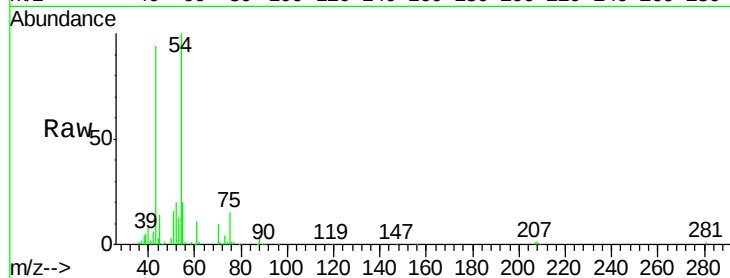
#37
Ethyl Acetate
Concen: 20.970 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.8	17.6
70	9.8	8.6	13.0

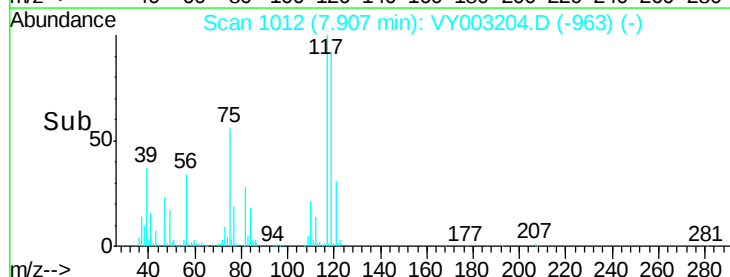
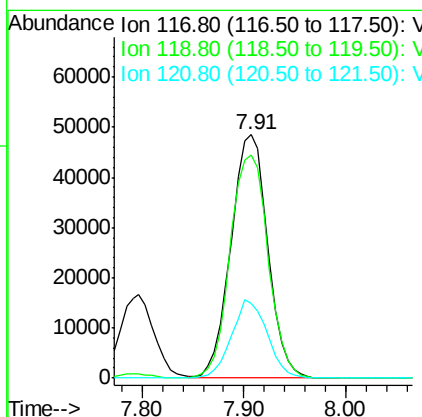
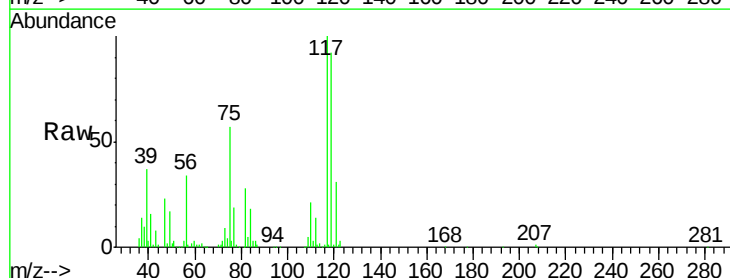
Manual Integrations
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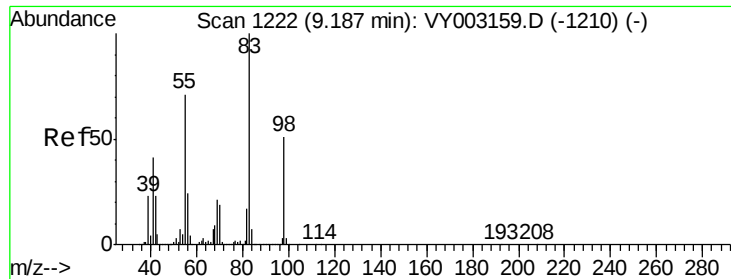
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.509 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.5	111.7
121	30.9	24.2	36.2





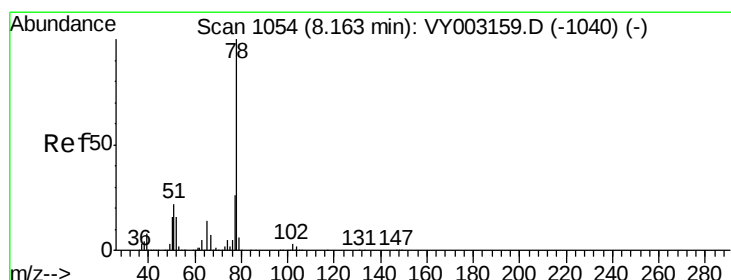
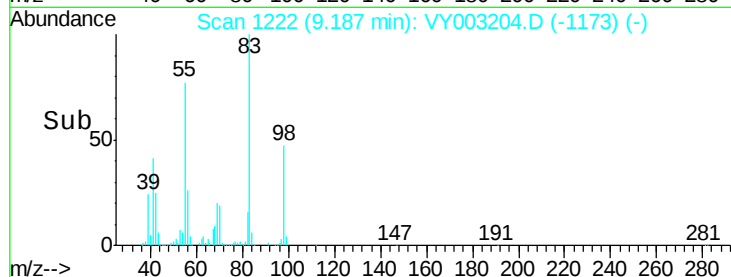
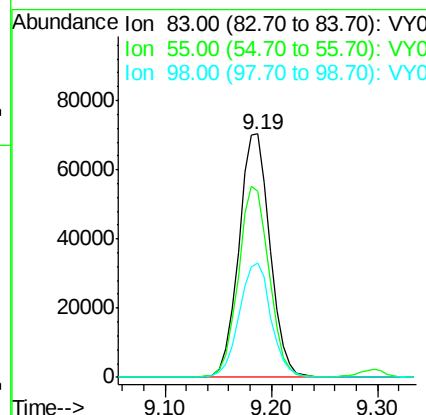
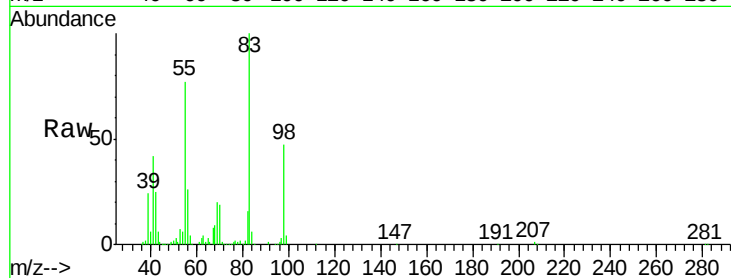
#39
Methvlcvclohexane
Concen: 20.039 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	57.2	85.8
98	47.2	41.0	61.6

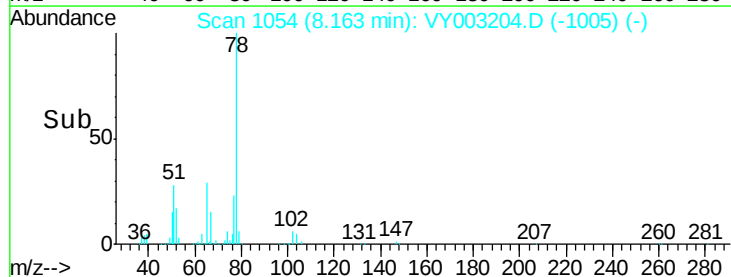
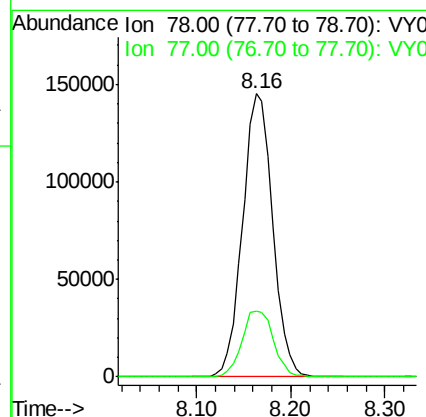
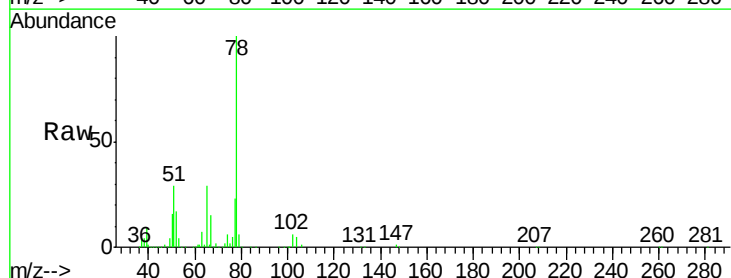
Manual Integrations
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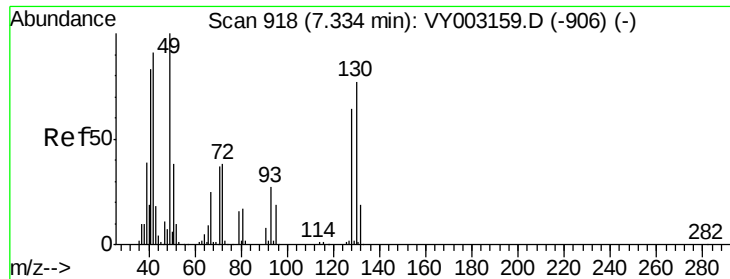
MMDadoda
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#40
Benzene
Concen: 20.480 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.7	31.1





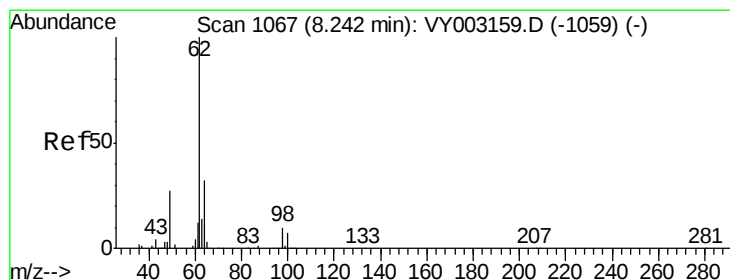
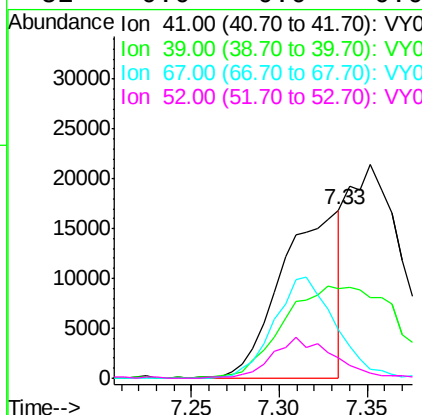
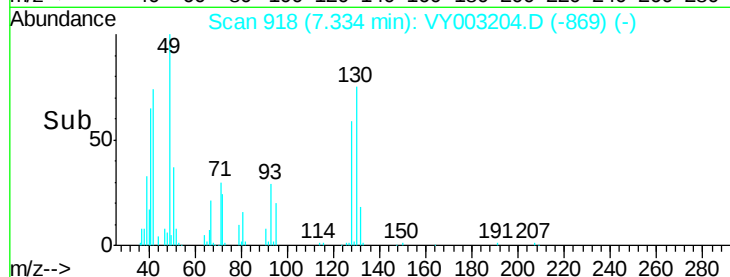
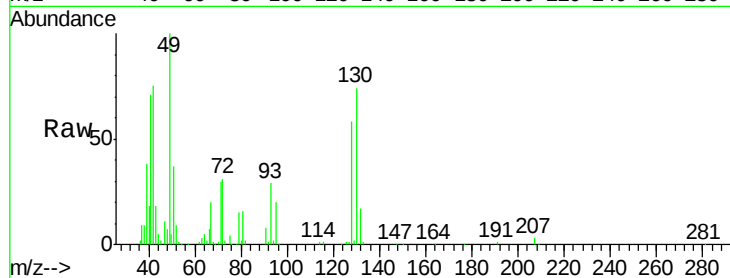
#41
Methacrylonitrile
Concen: 21.287 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	41	Resp	39669
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

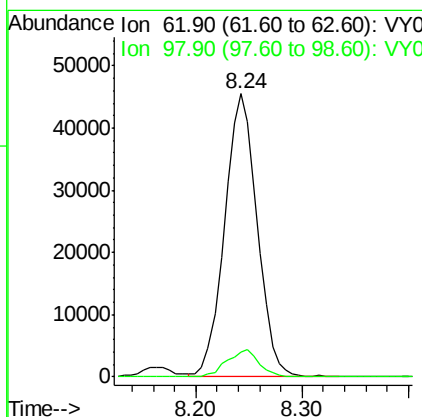
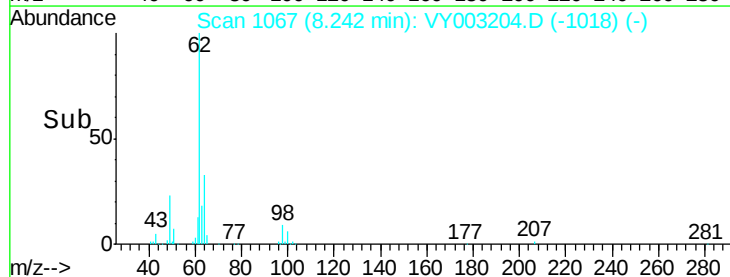
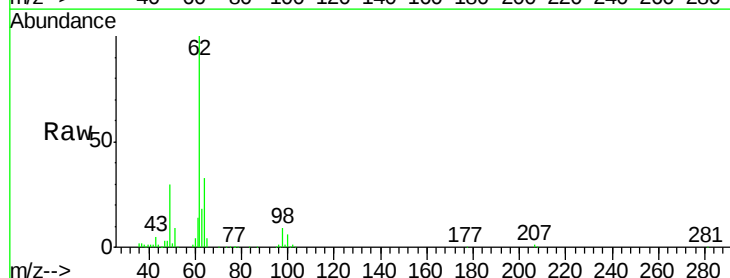
Manual Integrations
APPROVED

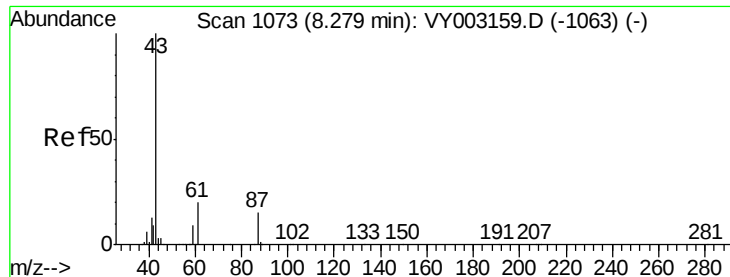
MMDadoda
7/17/2020 4:43:06 PM



#42
1,2-Dichloroethane
Concen: 19.977 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	62	Resp	97298
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





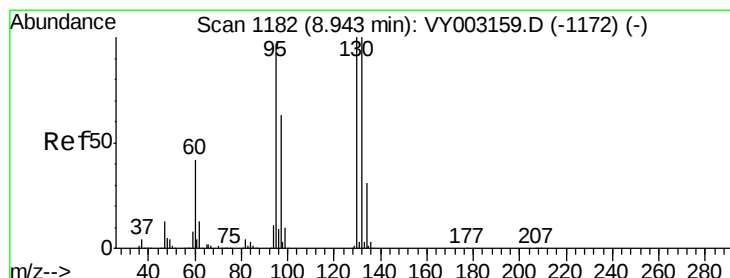
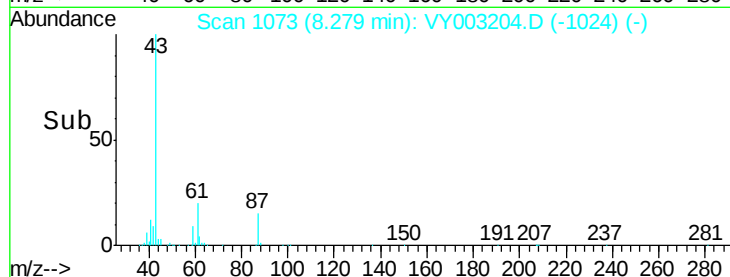
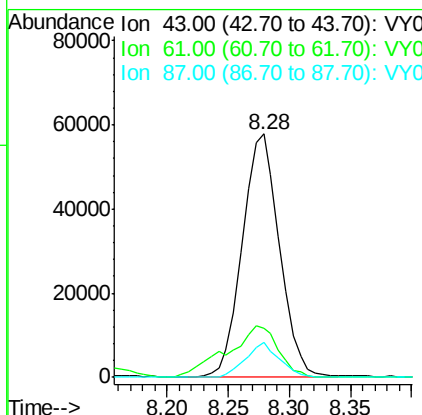
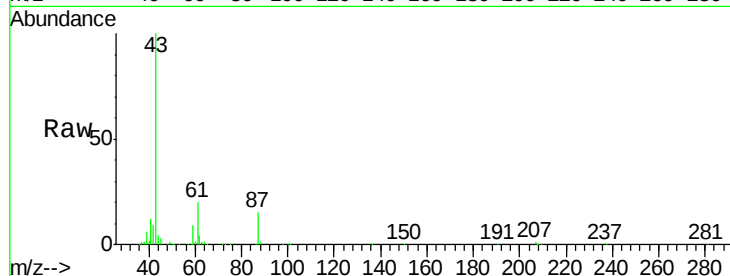
#43
Isopropyl Acetate
Concen: 20.287 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.7	35.5
87	13.0	11.4	17.0

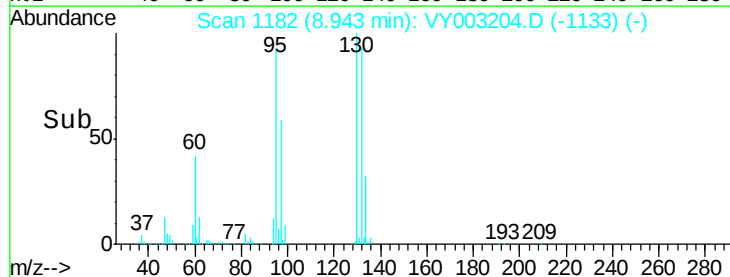
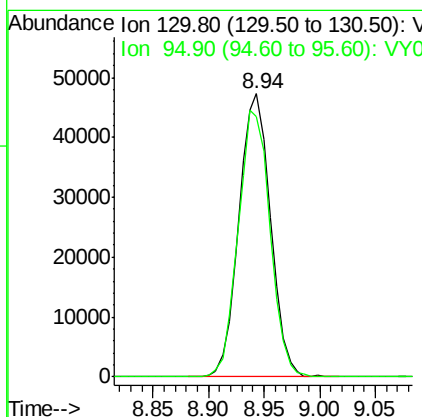
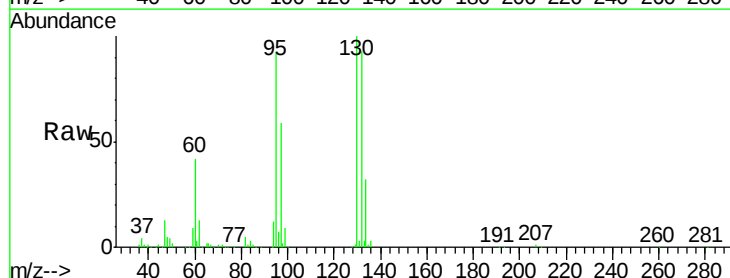
Manual Integrations
APPROVED

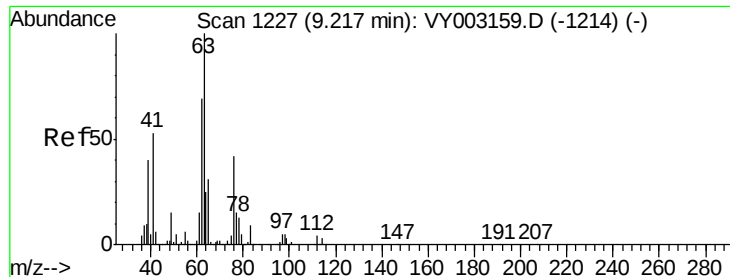
MMDadoda
7/17/2020 4:43:06 PM



#44
Trichloroethene
Concen: 19.189 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	193.8





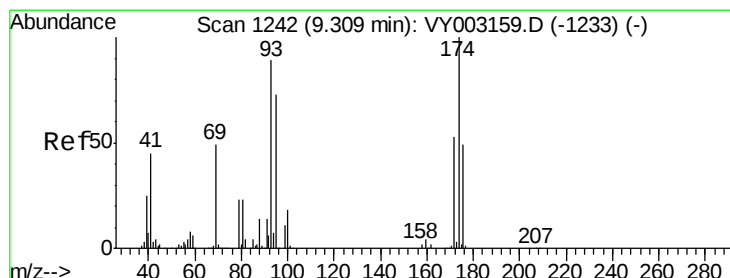
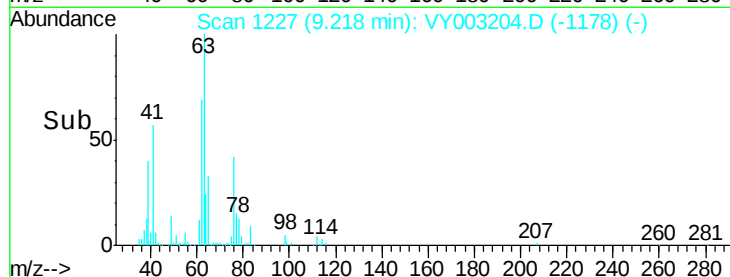
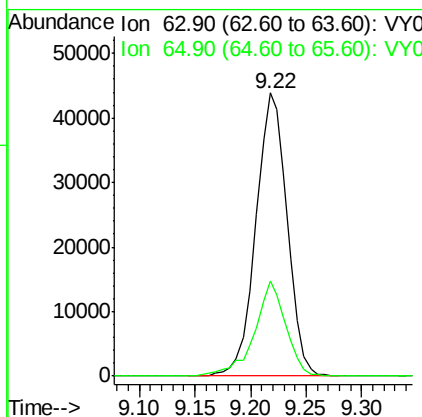
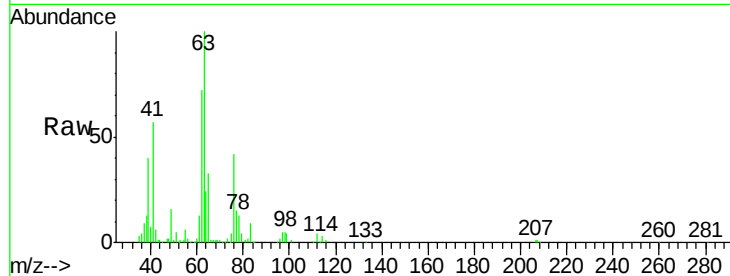
#45
 1,2-Dichloropropane
 Concen: 20.964 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.5	25.0	37.4

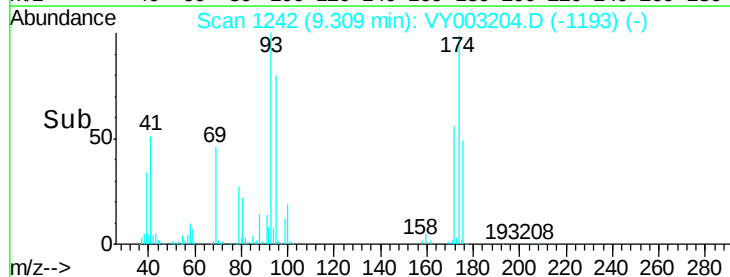
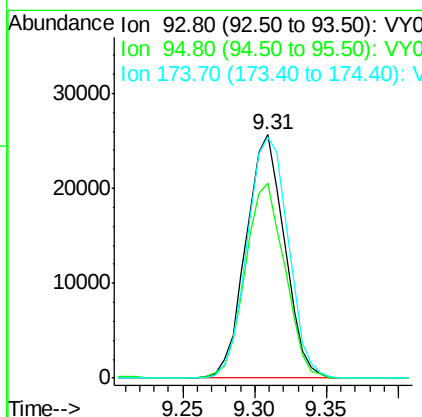
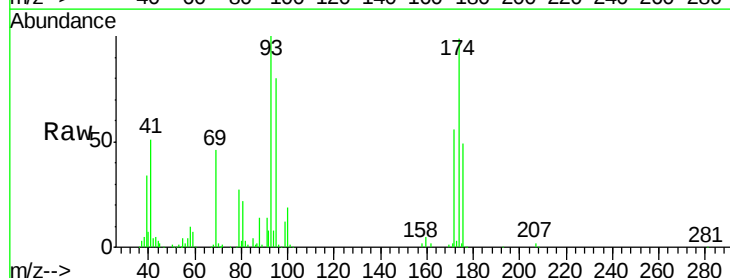
Manual Integrations
 APPROVED

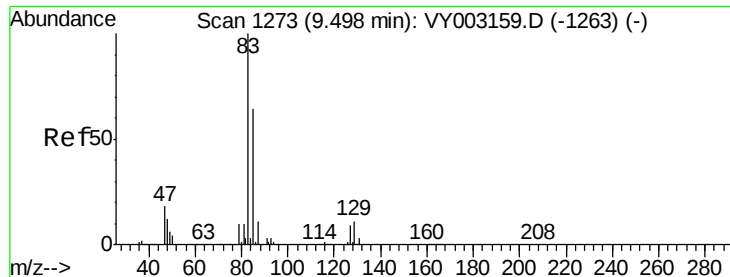
MMDadoda
 7/17/2020 4:43:06 PM



#46
 Dibromomethane
 Concen: 19.834 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.6	99.8
174	105.5	90.2	135.4





#47

Bromodichloromethane

Concen: 20.291 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

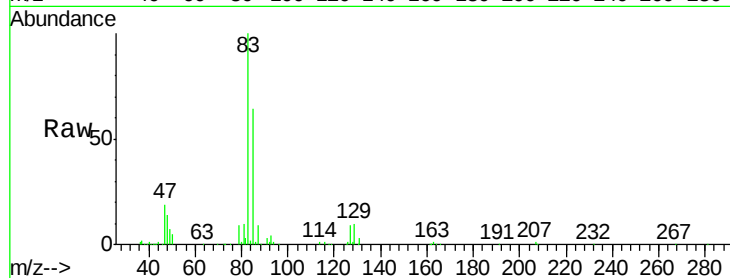
ClientSampleId :

VY0716SBS01

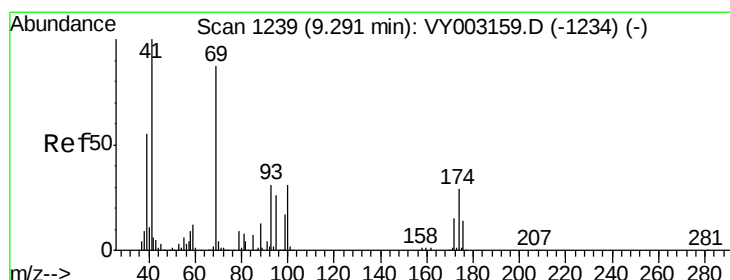
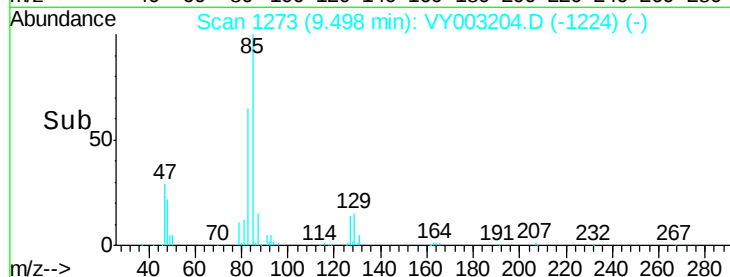
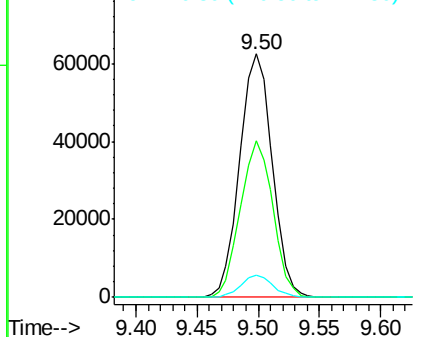
Tot Ion:	83	Resp:	115383
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3
127	9.0	7.0	10.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.858 ug/l

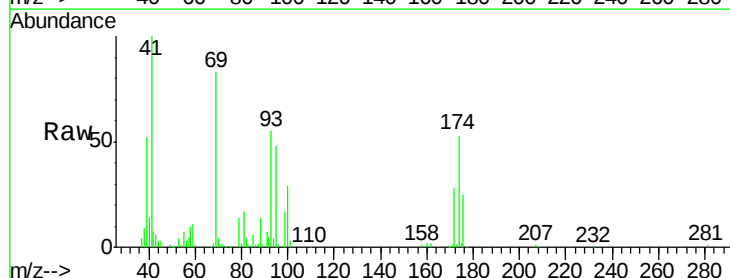
RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

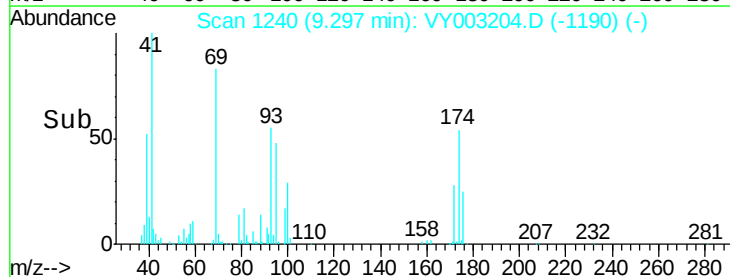
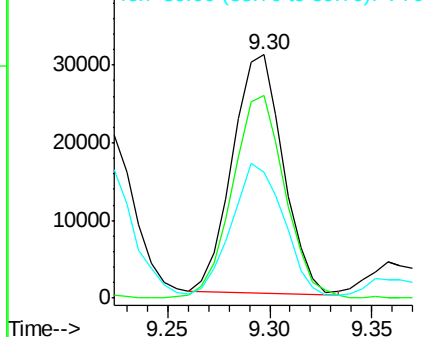
Lab File: VY003204.D

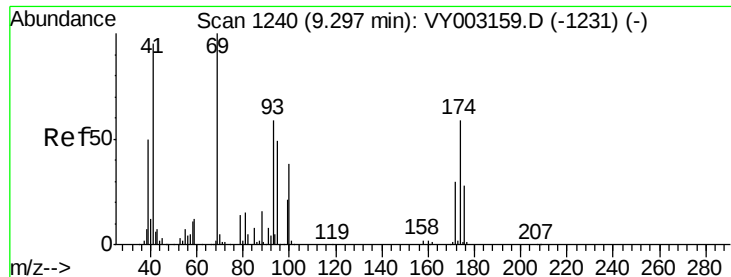
Acq: 16 Jul 2020 12:37

Tgt Ion:	41	Resp:	53169
Ion	Ratio	Lower	Upper
41	100		
69	87.8	74.5	111.7
39	56.1	47.5	71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





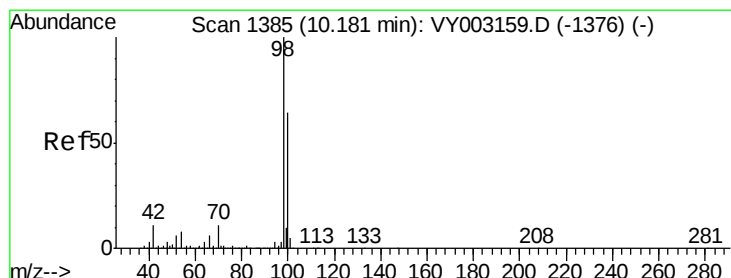
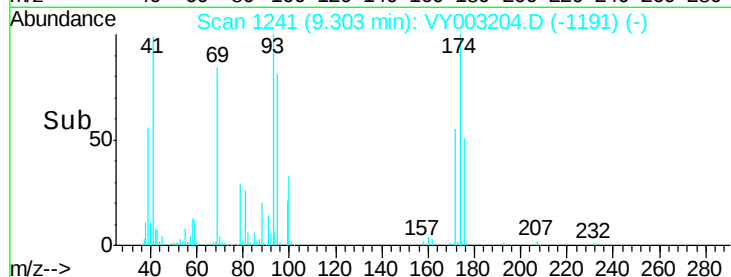
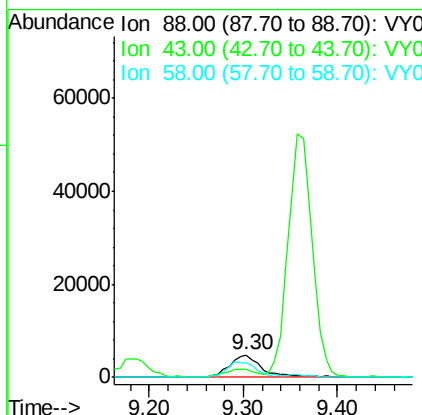
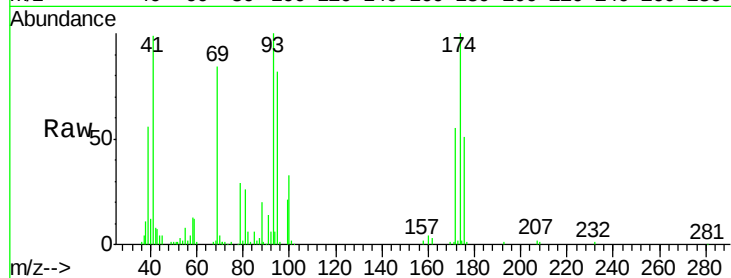
#49
1,4-Dioxane
Concen: 384.382 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	88	Resp	11664
Ion Ratio	Lower	Upper	
88	100		
43	32.2	25.6	38.4
58	64.6	47.8	71.6

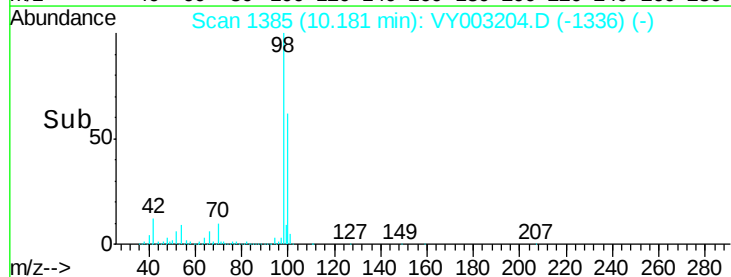
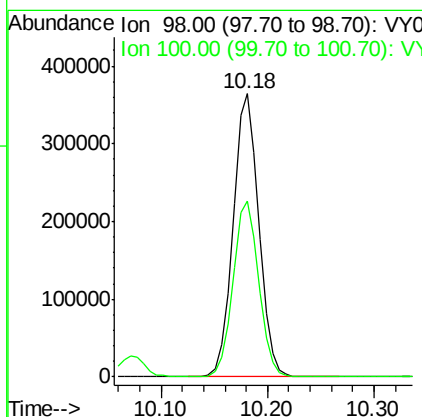
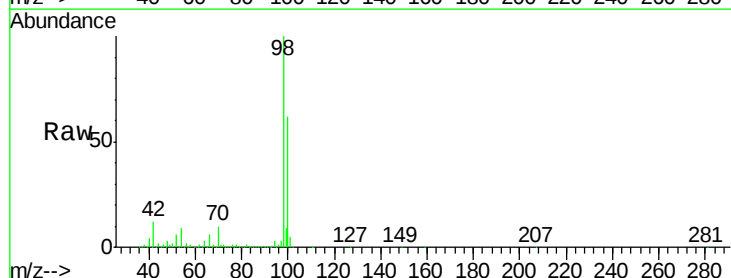
Manual Integrations
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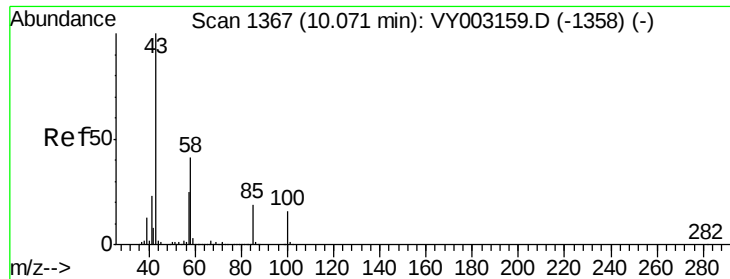
MMDadoda
7/17/2020 4:43:06 PM



#50
Toluene-d8
Concen: 45.306 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	98	Resp	614507
Ion Ratio	Lower	Upper	
98	100		
100	62.5	50.7	76.1





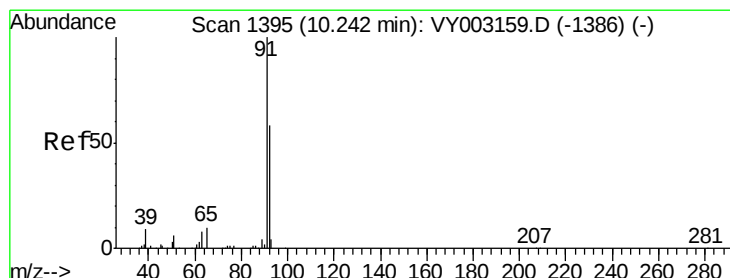
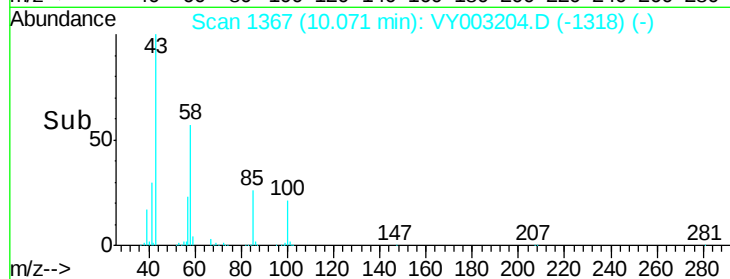
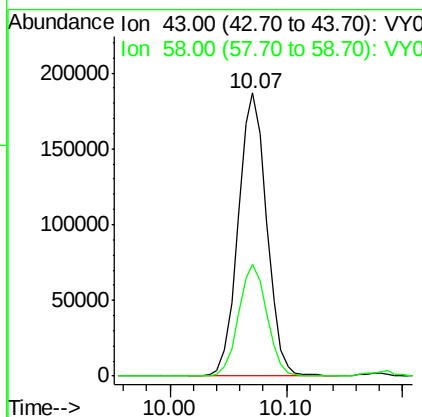
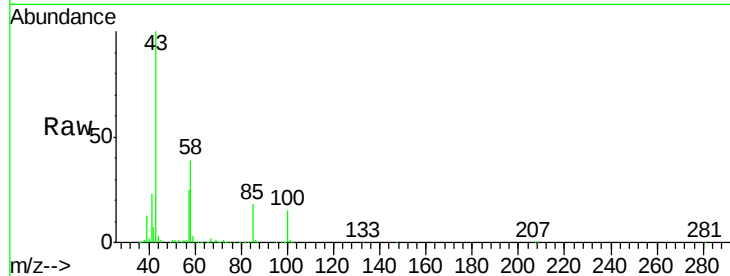
#51
4-Methyl-2-Pentanone
Concen: 101.893 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion: 43 Resp: 317193
Ion Ratio Lower Upper
43 100
58 39.4 32.7 49.1

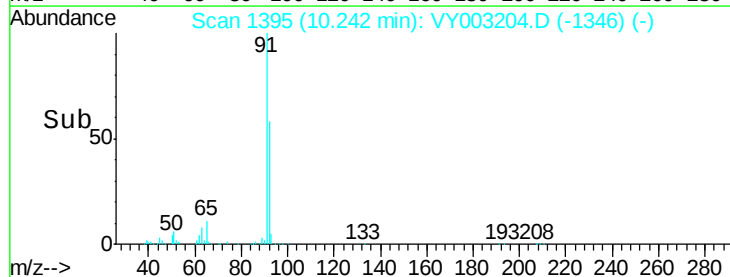
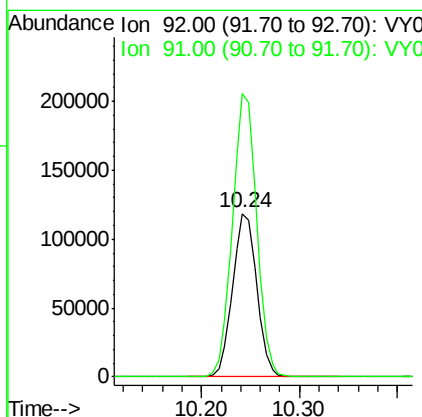
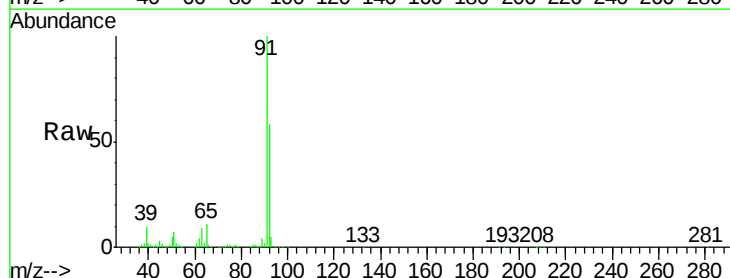
Manual Integrations
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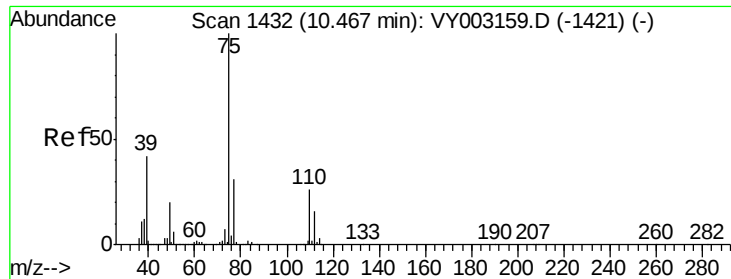
MMDadoda
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#52
Toluene
Concen: 20.082 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 92 Resp: 203065
Ion Ratio Lower Upper
92 100
91 174.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 19.773 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 75 Resp: 116497

Ion Ratio Lower Upper

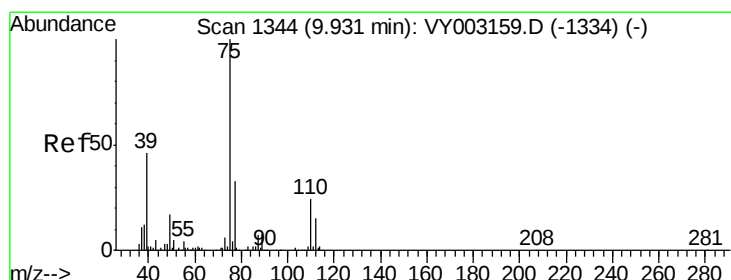
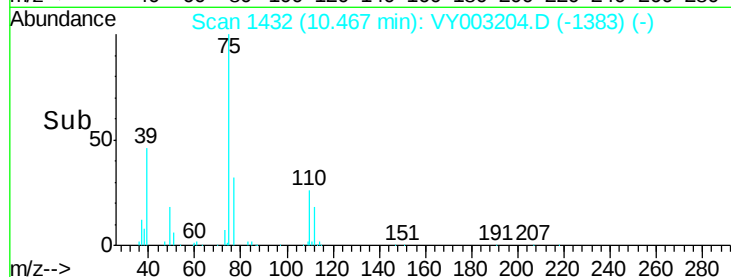
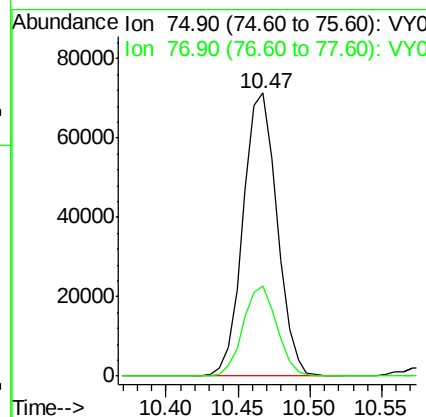
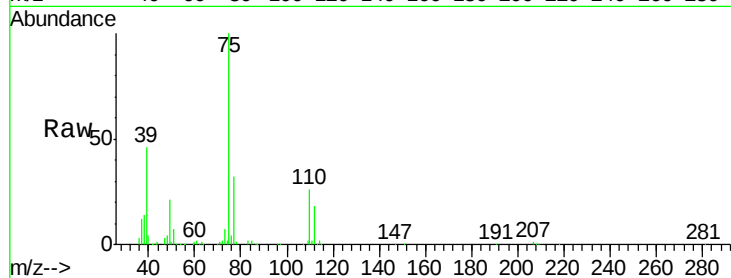
75 100

77 32.0 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.068 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

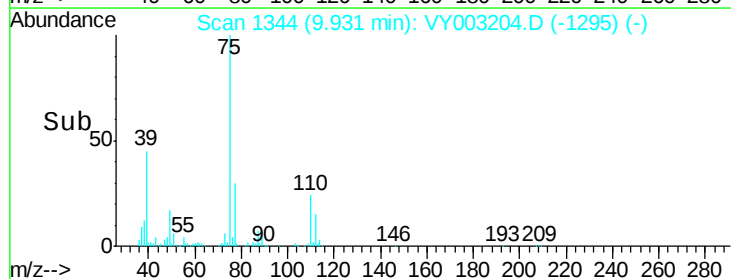
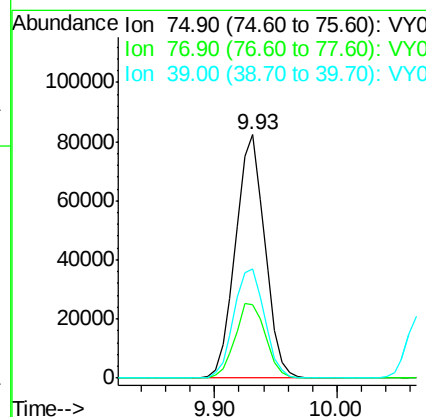
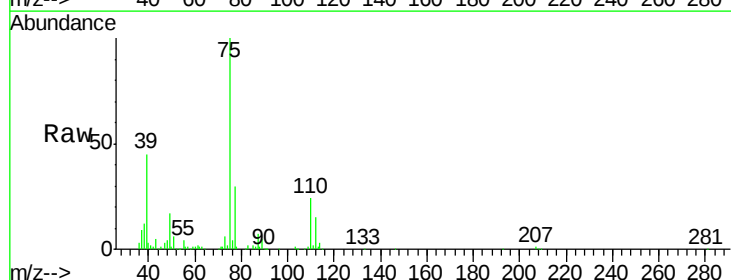
Tgt Ion: 75 Resp: 136230

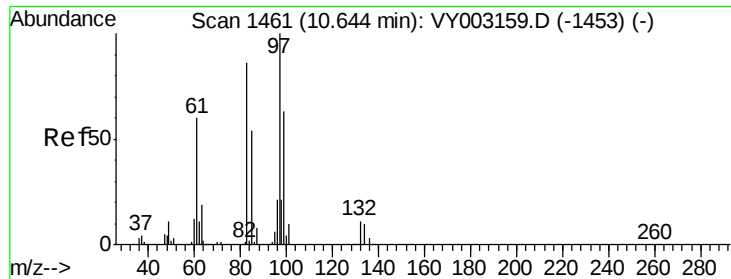
Ion Ratio Lower Upper

75 100

77 29.9 26.7 40.1

39 44.7 37.0 55.6





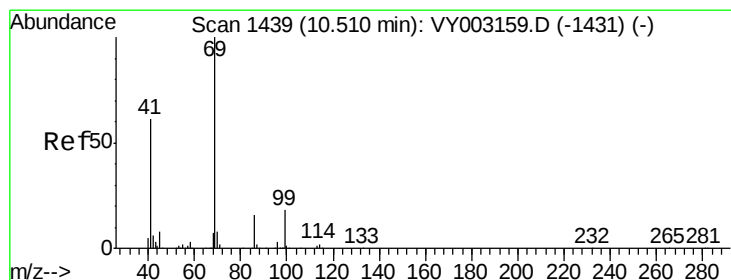
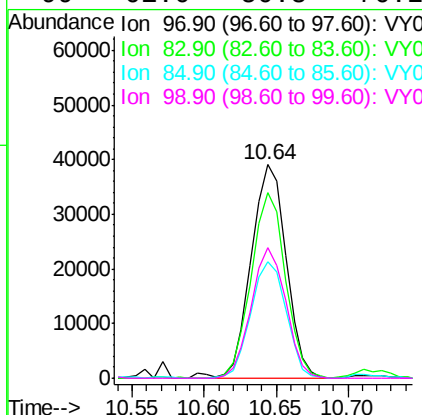
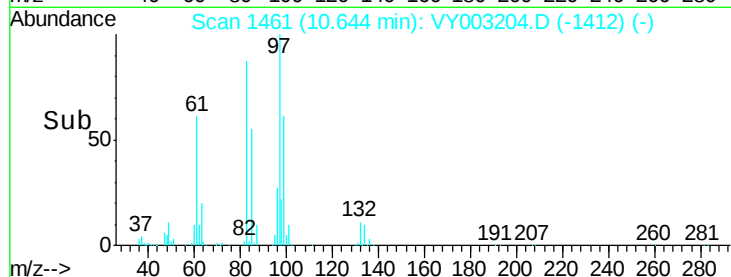
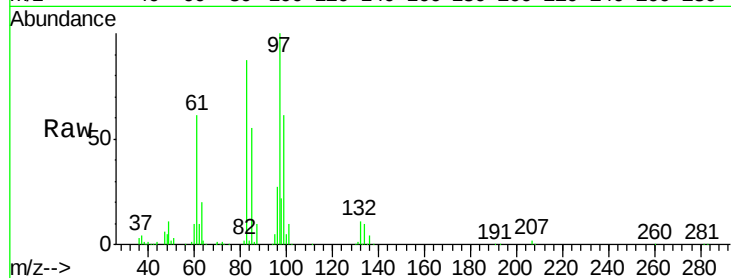
#55
 1,1,2-Trichloroethane
 Concen: 19.503 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion:	97	Resp:	66078
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.8	103.2
85	54.3	43.1	64.7
99	61.0	50.8	76.2

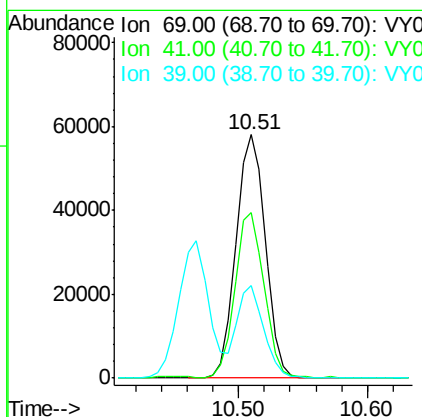
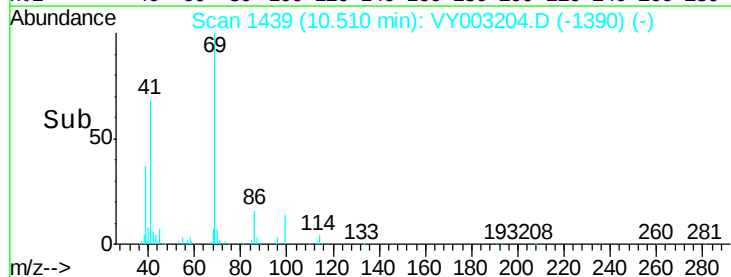
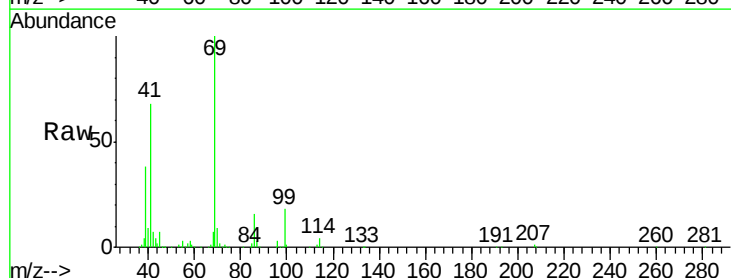
Manual Integrations
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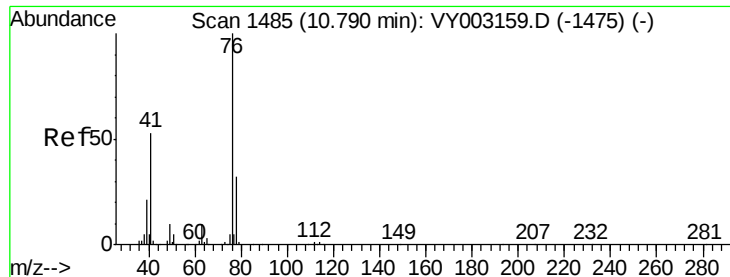
MMDadoda
 7/17/2020 4:43:06 PM



#56
 Ethyl methacrylate
 Concen: 19.893 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion:	69	Resp:	91632
Ion	Ratio	Lower	Upper
69	100		
41	66.8	50.0	75.0
39	33.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.621 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 76 Resp: 112717

Ion Ratio Lower Upper

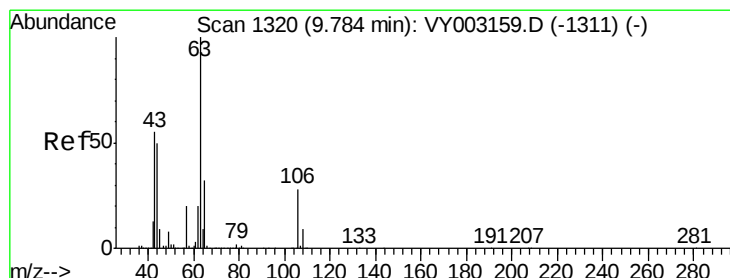
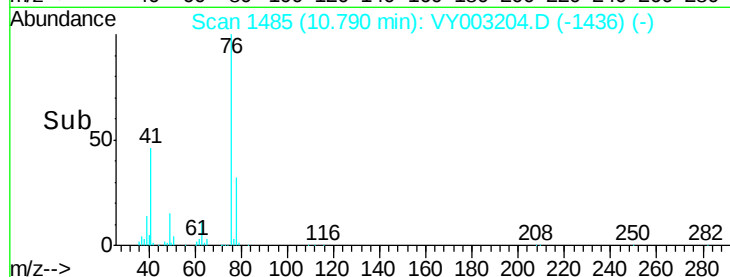
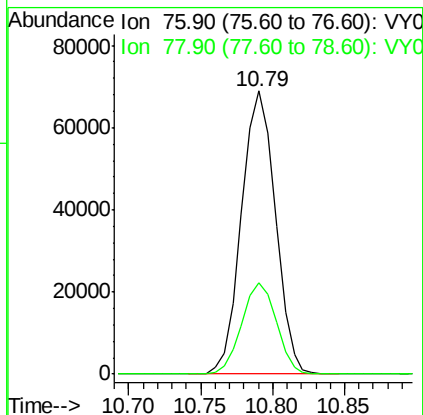
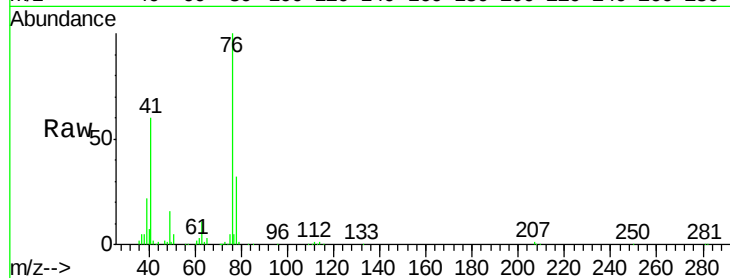
76 100

78 32.7 26.0 39.0

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 103.611 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003204.D

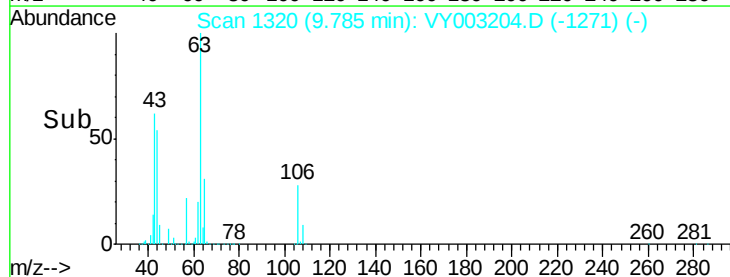
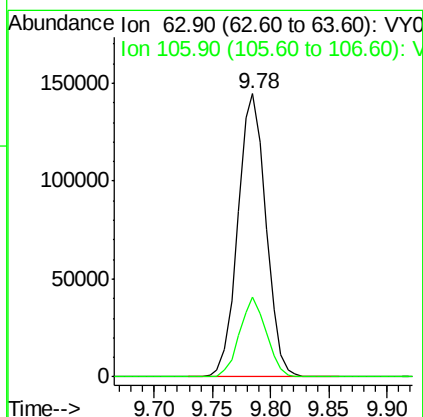
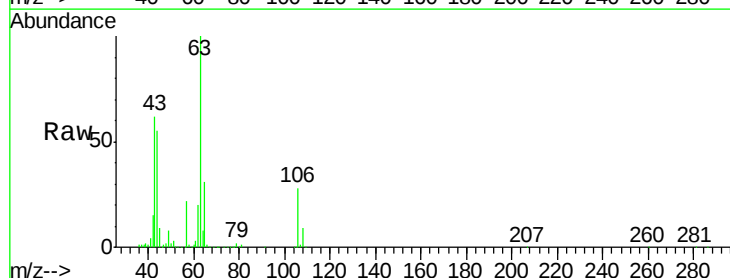
Acq: 16 Jul 2020 12:37

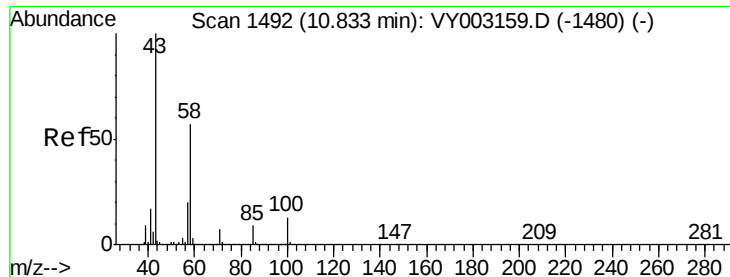
Tgt Ion: 63 Resp: 243396

Ion Ratio Lower Upper

63 100

106 27.0 22.9 34.3





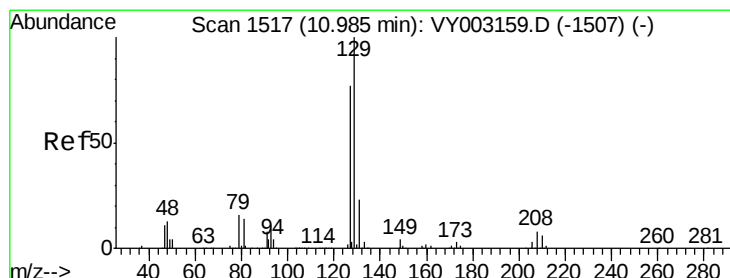
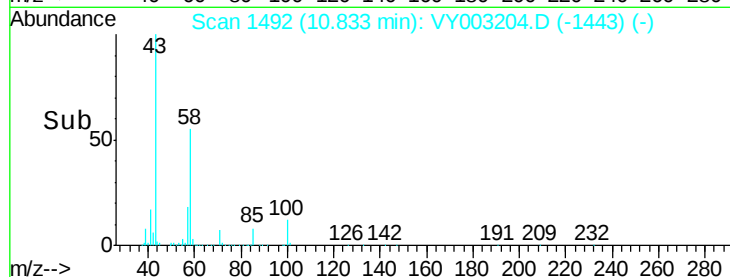
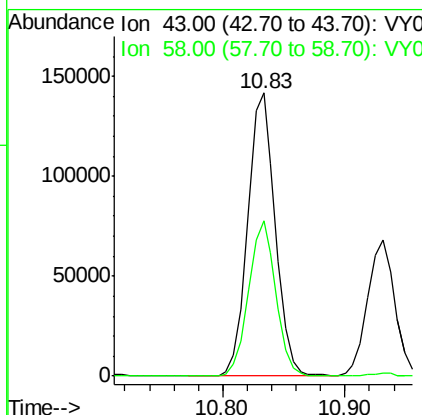
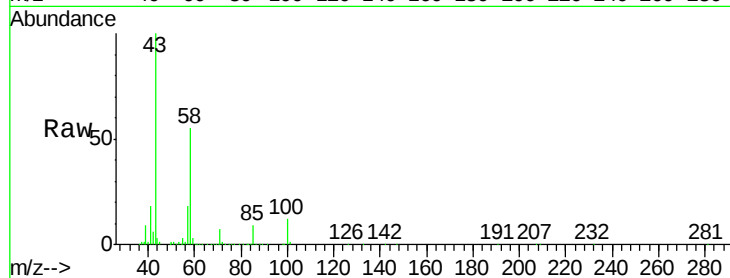
#59
2-Hexanone
Concen: 102.038 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion: 43 Resp: 221740
Ion Ratio Lower Upper
43 100
58 54.4 28.3 85.0

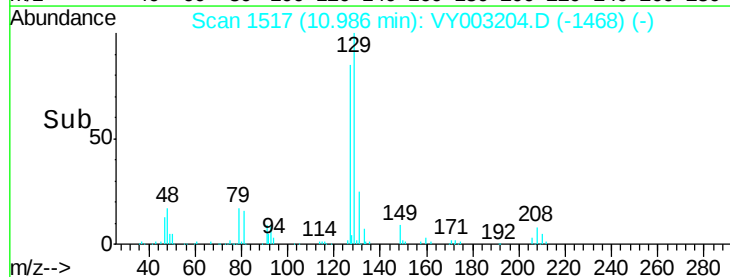
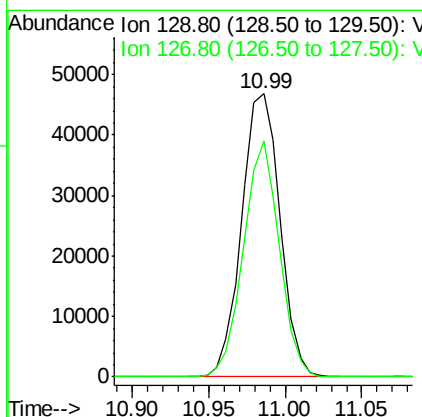
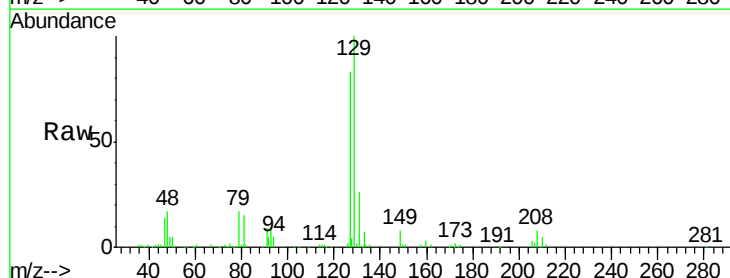
Manual Integrations
APPROVED

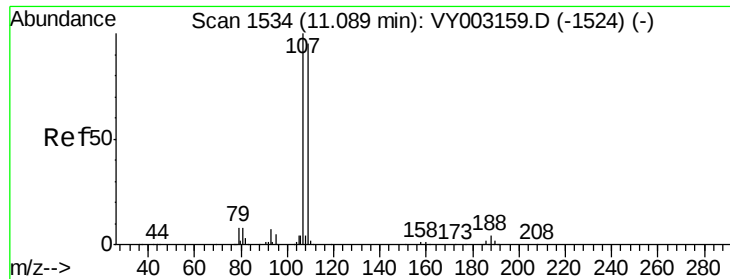
MMDadoda
7/17/2020 4:43:06 PM



#60
Dibromochloromethane
Concen: 19.177 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 129 Resp: 81718
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





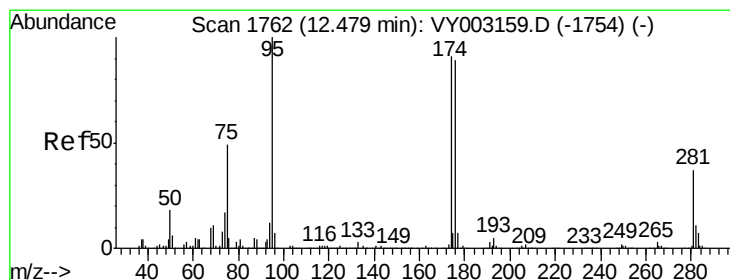
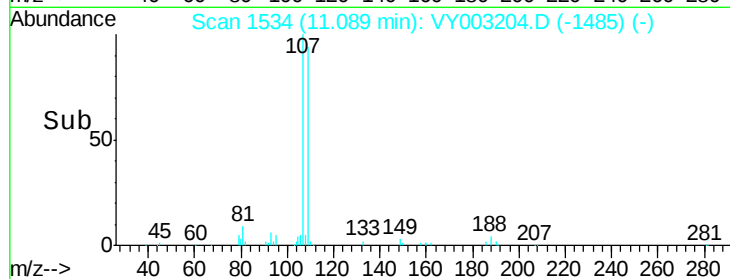
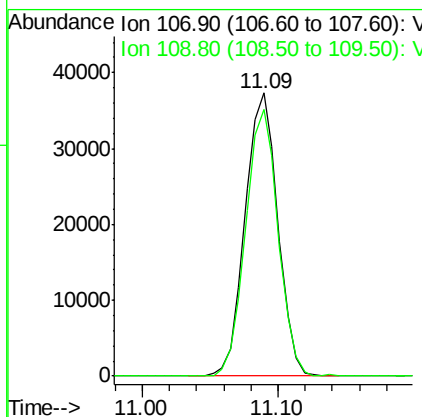
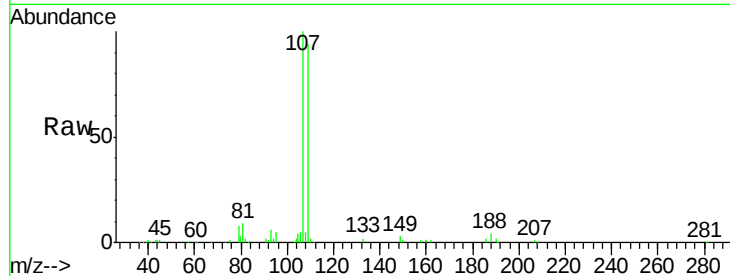
#61
 1,2-Dibromoethane
 Concen: 18.801 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.6	113.4

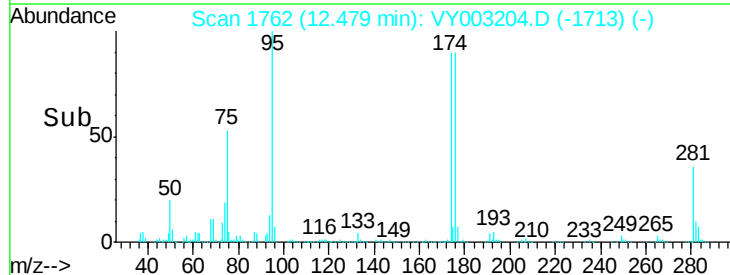
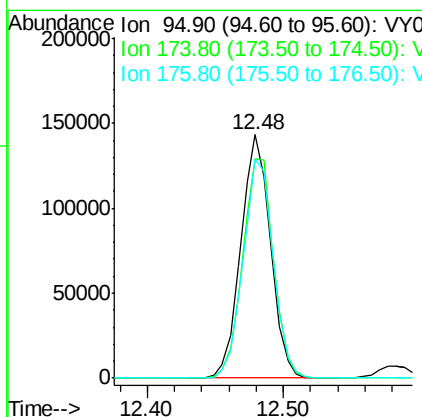
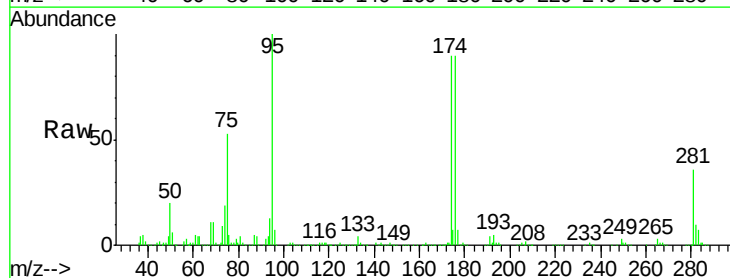
Manual Integrations
 APPROVED

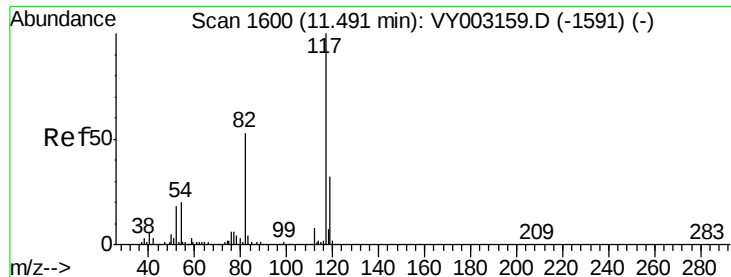
MMDadoda
 7/17/2020 4:43:06 PM



#62
 4-Bromofluorobenzene
 Concen: 44.421 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	190.6
176	91.4	0.0	186.4





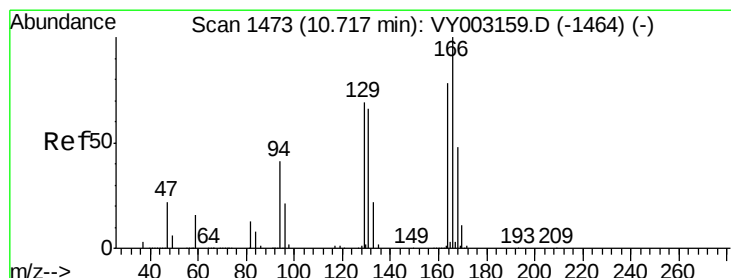
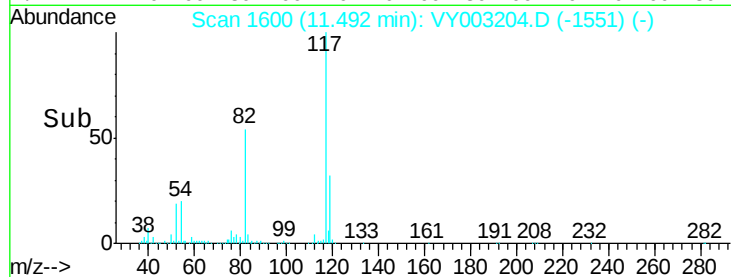
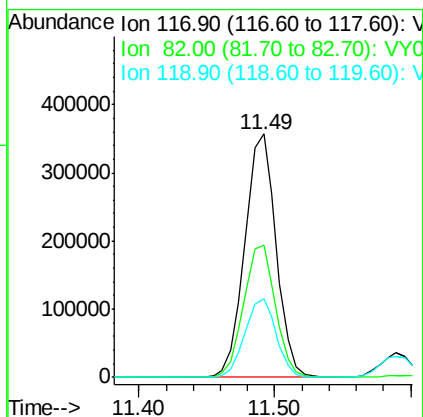
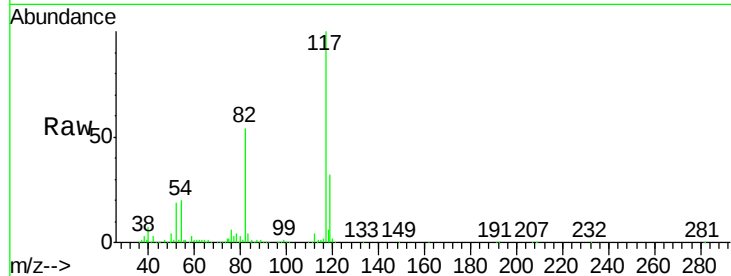
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	575195		
82	54.5	42.0	63.0	
119	32.3	25.5	38.3	

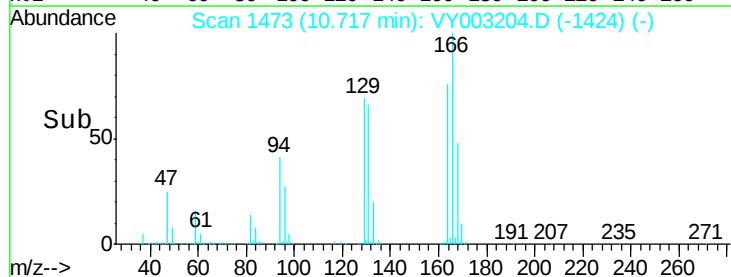
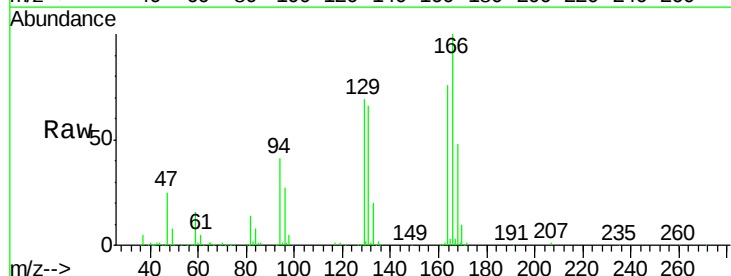
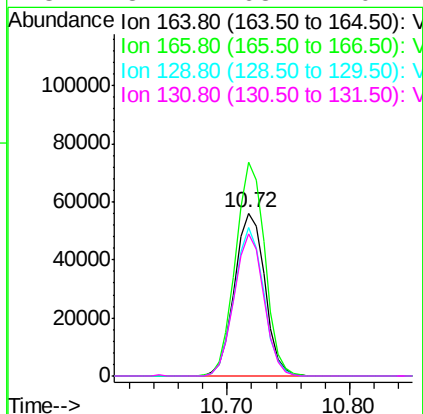
Manual Integrations
APPROVED

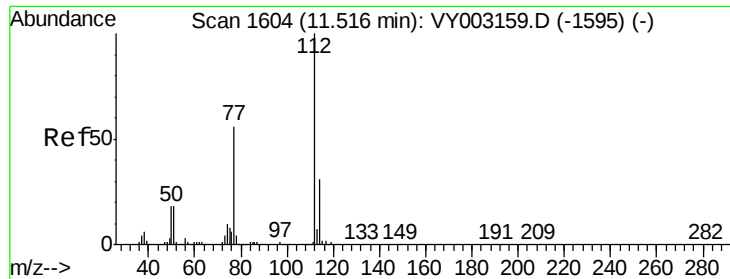
MMDadoda
7/17/2020 4:43:06 PM



#64
Tetrachloroethene
Concen: 18.644 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95619		
166	131.1	102.9	154.3	
129	90.8	71.4	107.2	
131	87.1	68.1	102.1	





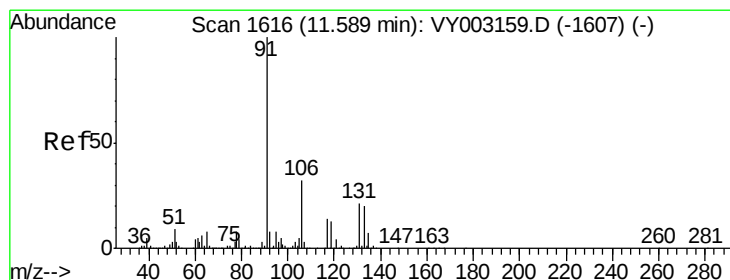
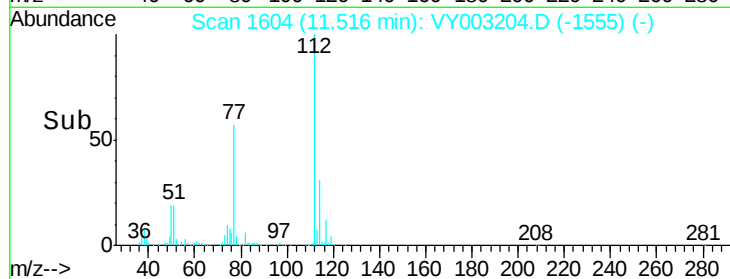
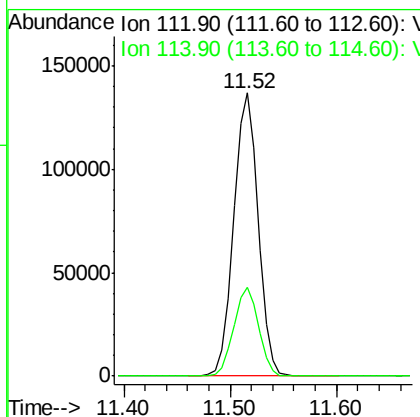
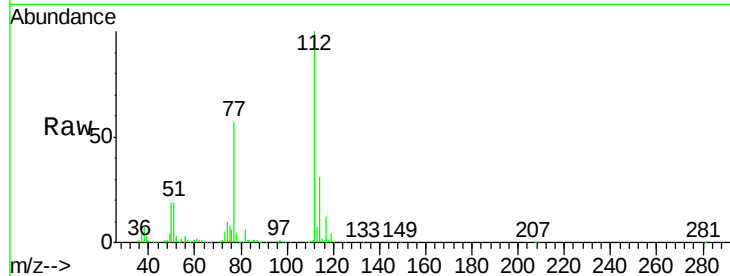
#65
Chlorobenzene
Concen: 19.879 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion:112 Resp: 220275
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1

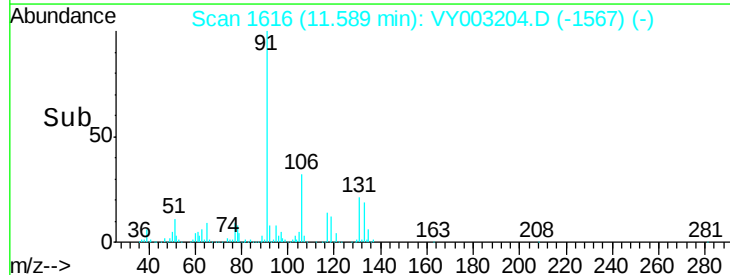
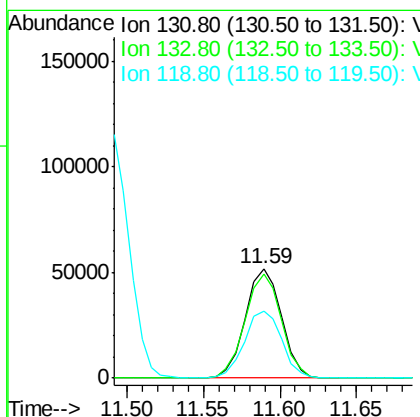
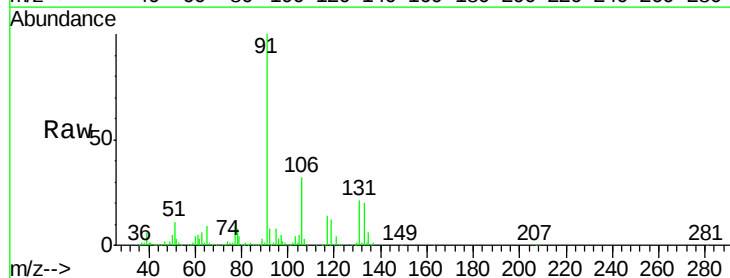
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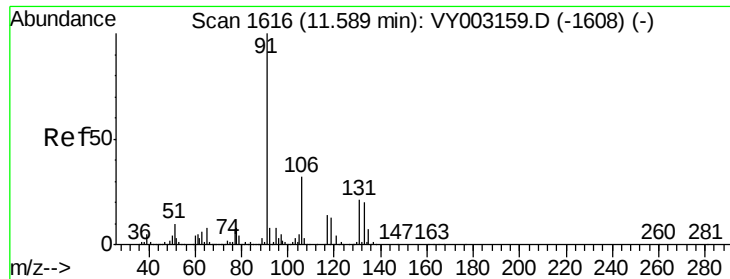
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion:131 Resp: 84899
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 63.3 32.4 97.0





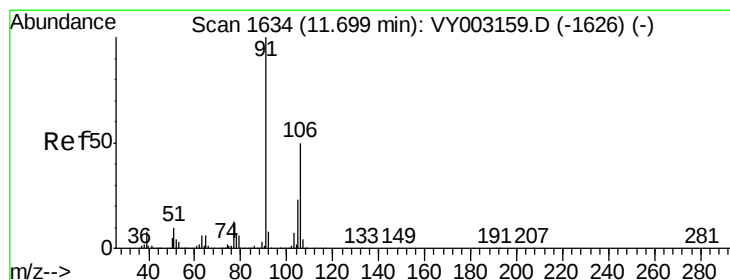
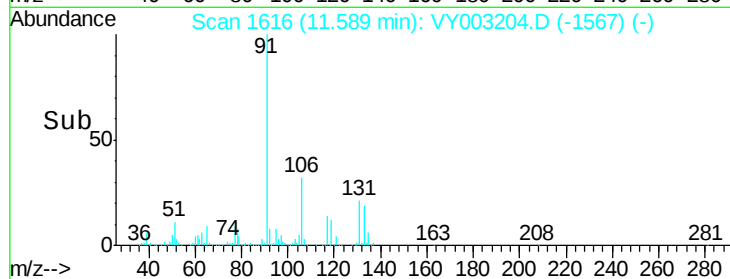
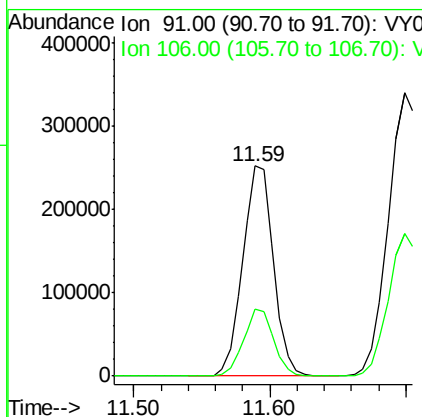
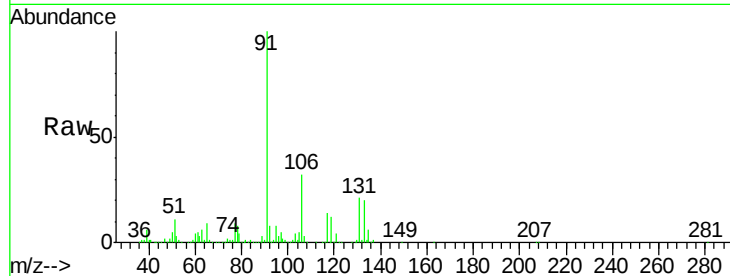
#67
Ethyl Benzene
Concen: 20.132 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion: 91 Resp: 398316
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

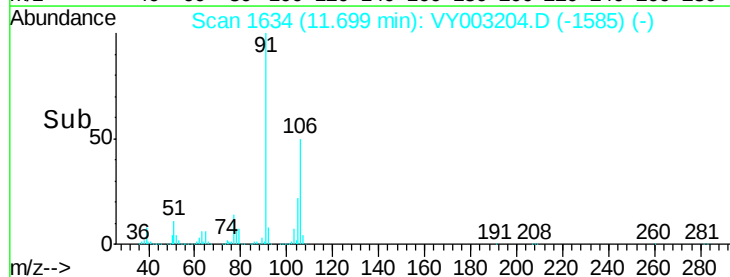
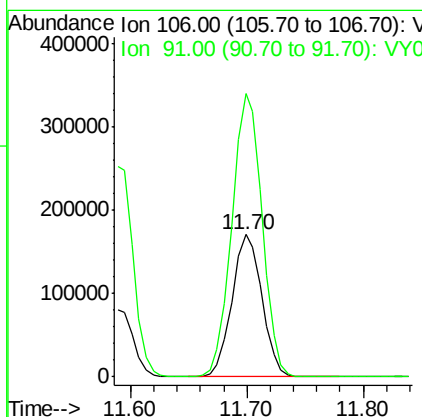
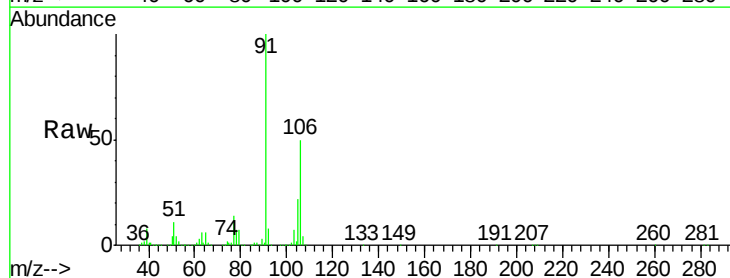
Manual Integrations
APPROVED

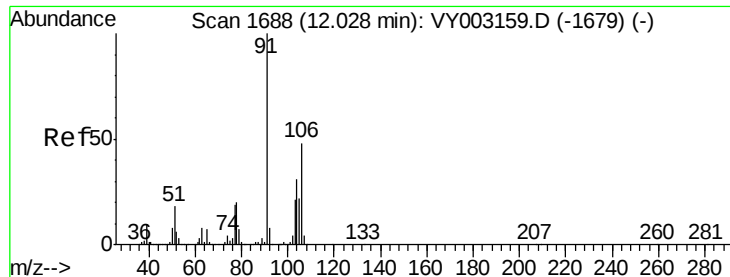
MMDadoda
7/17/2020 4:43:06 PM



#68
m/p-Xylenes
Concen: 40.595 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion: 106 Resp: 304744
Ion Ratio Lower Upper
106 100
91 200.6 159.0 238.6





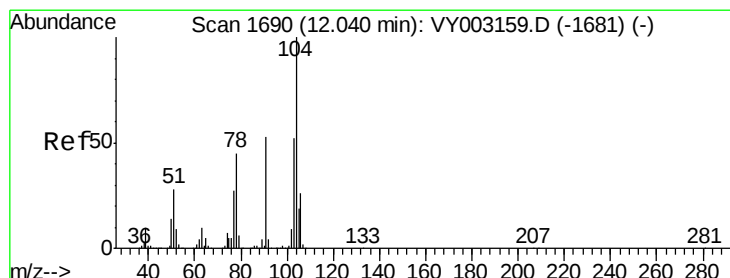
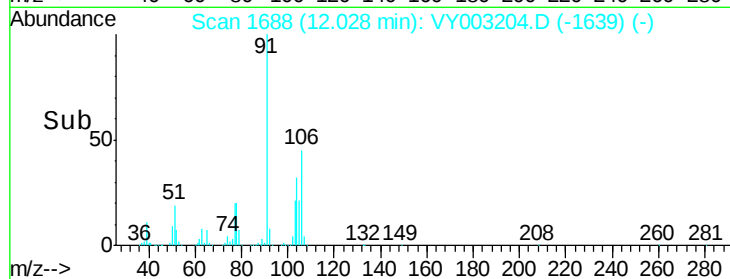
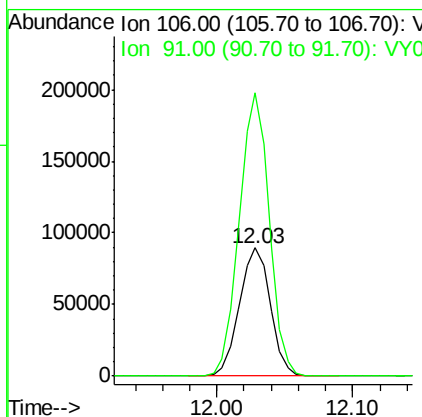
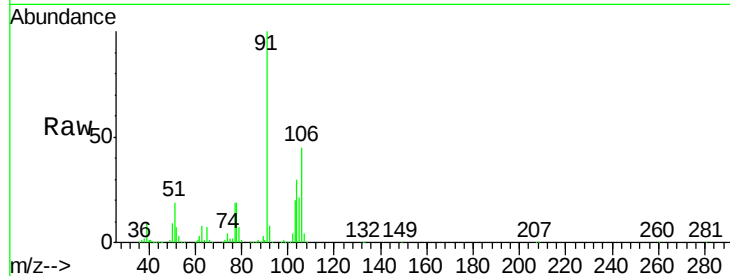
#69
o-Xylene
Concen: 20.292 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	213.4	105.1	315.1

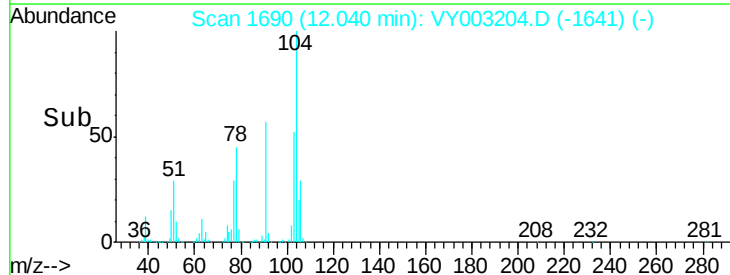
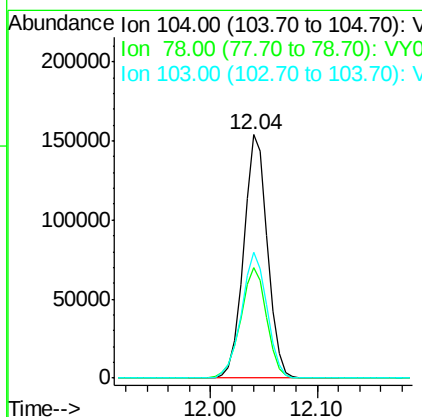
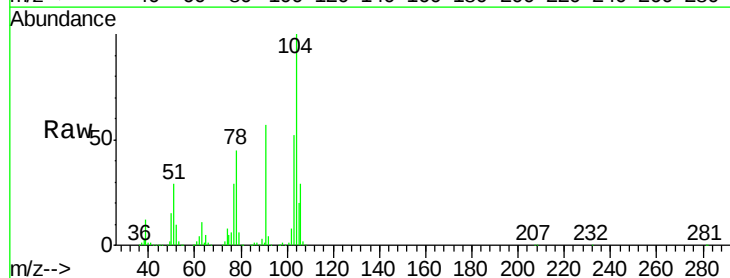
Manual Integrations
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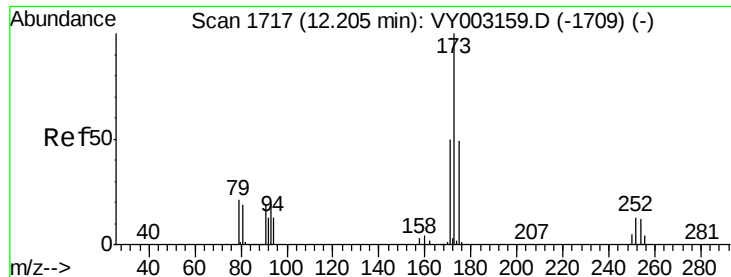
MMDadoda
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#70
Styrene
Concen: 20.012 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.6	38.5	57.7
103	103	55.8	43.9	65.9





#71

Bromoform

Concen: 18.520 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

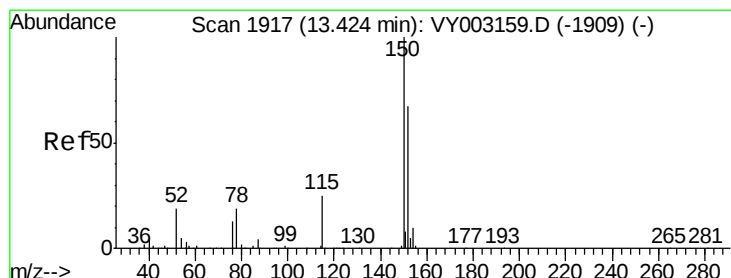
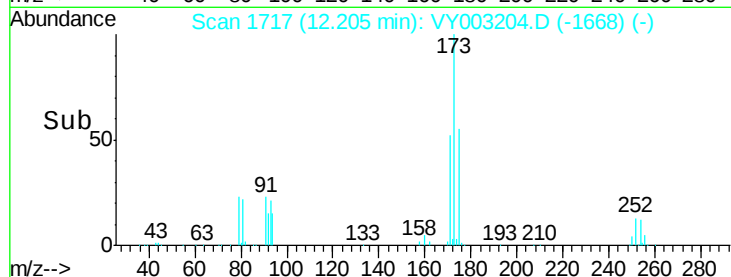
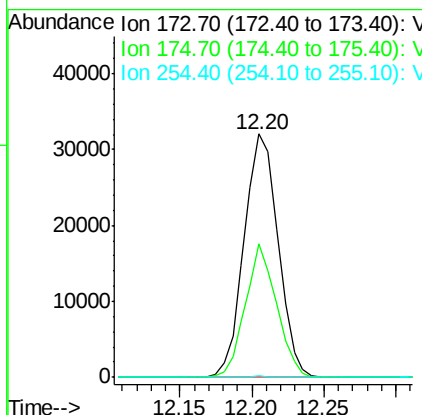
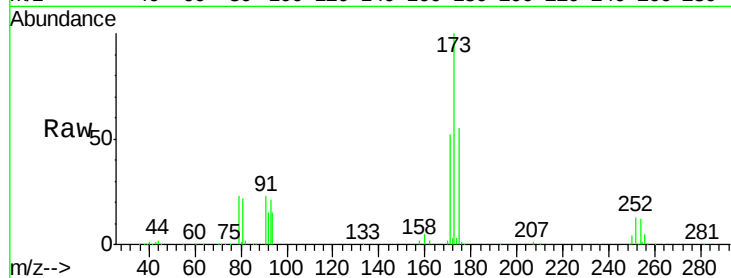
ClientSampleId :

VY0716SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.3	73.0
254	0.4	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

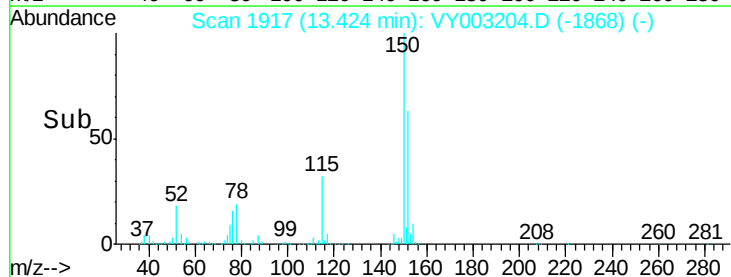
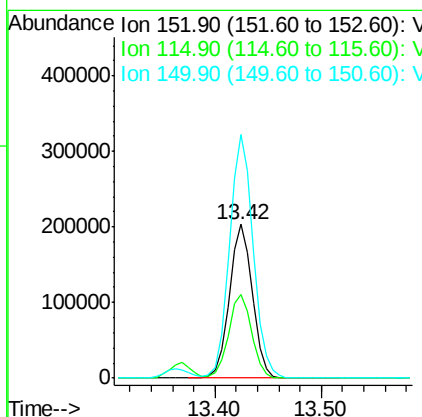
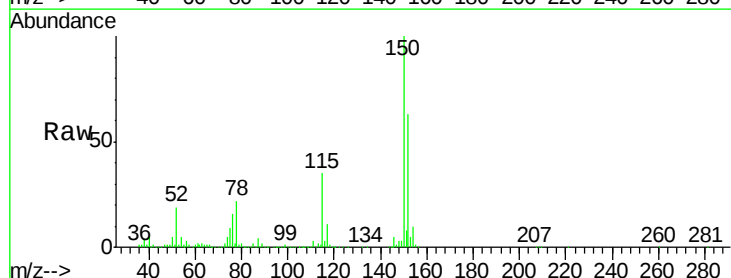
RT: 13.42 min Scan# 1917

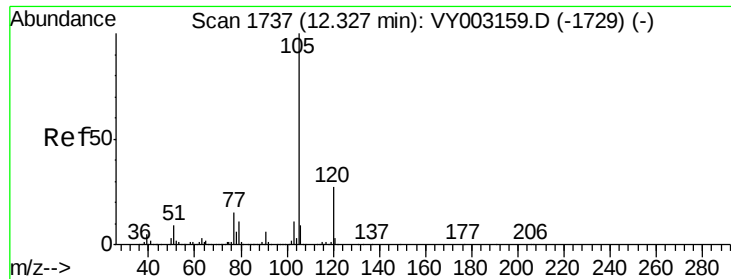
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.9	80.7
150	163.8	0.0	338.0





#73

Isopropylbenzene

Concen: 20.039 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 105 Resp: 390459

Ion Ratio Lower Upper

105 100

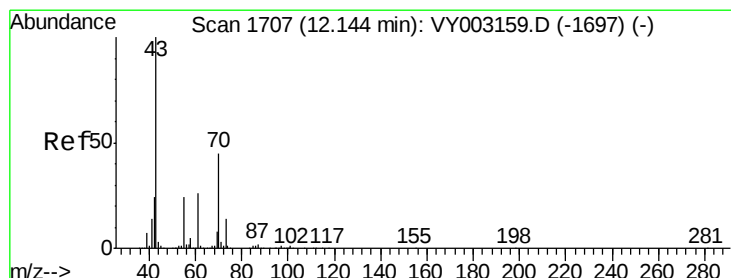
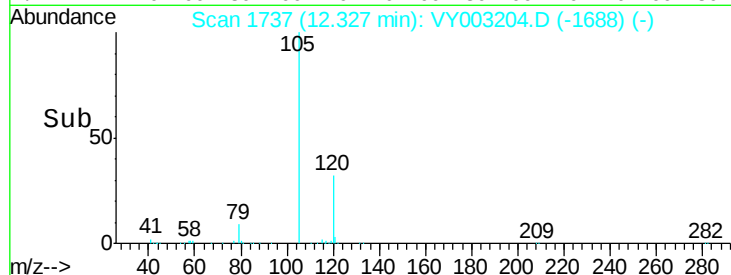
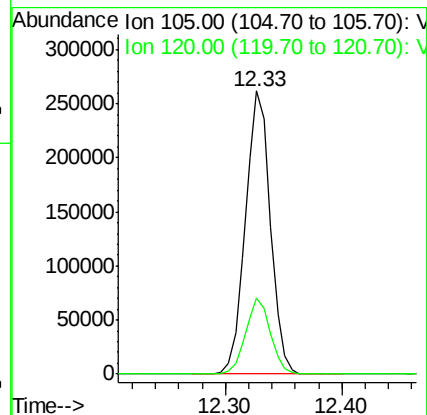
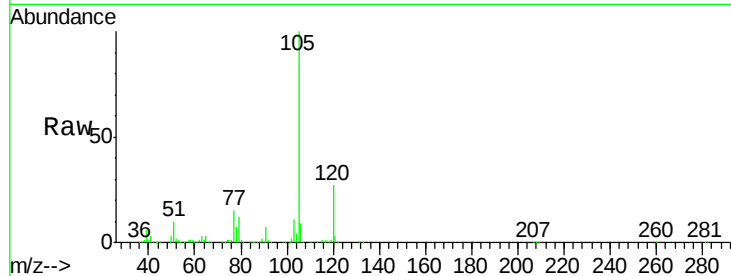
120 26.7 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.569 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion: 43 Resp: 112457

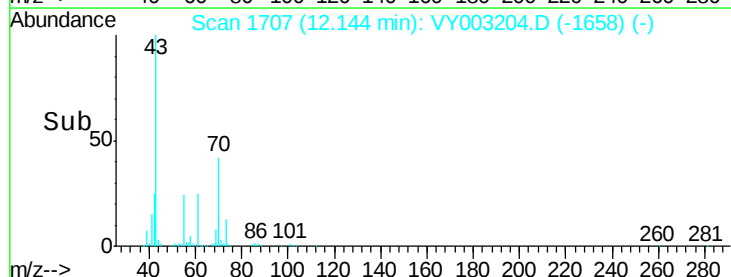
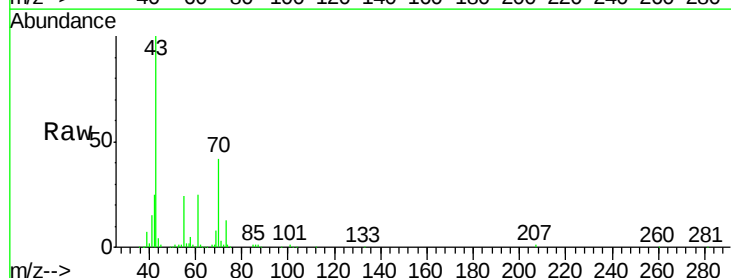
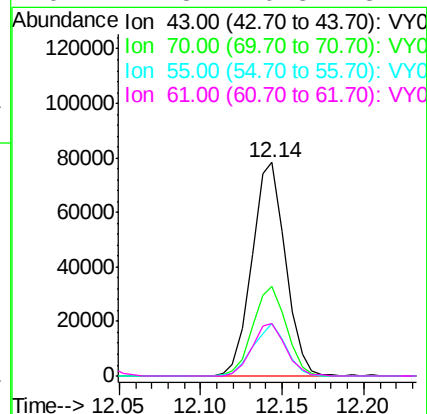
Ion Ratio Lower Upper

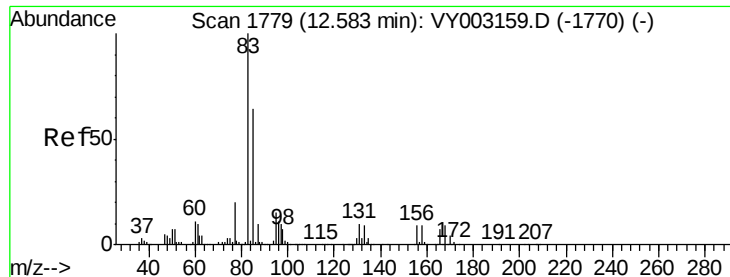
43 100

70 42.0 35.6 53.4

55 24.3 19.4 29.2

61 24.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.951 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

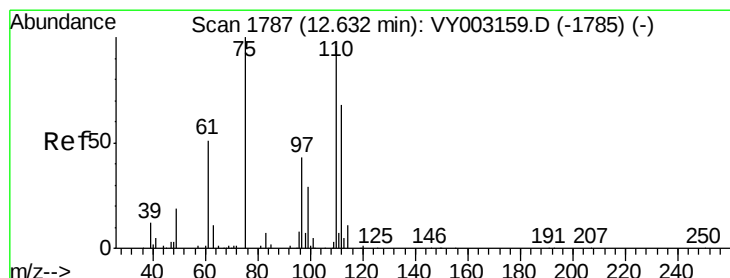
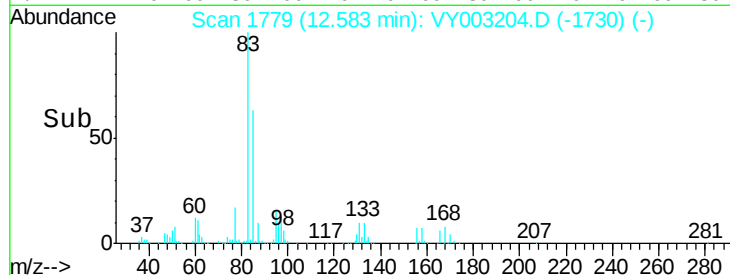
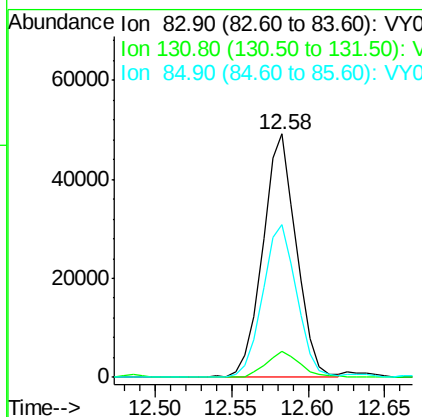
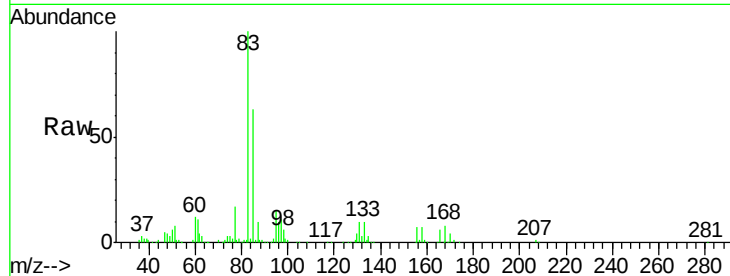
ClientSampleId :

VY0716SBS01

Tot Ion:	83	Resp:	75081
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.2	15.6
85	63.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.467 ug/l m

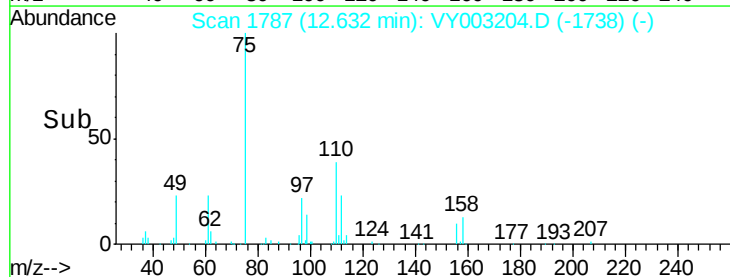
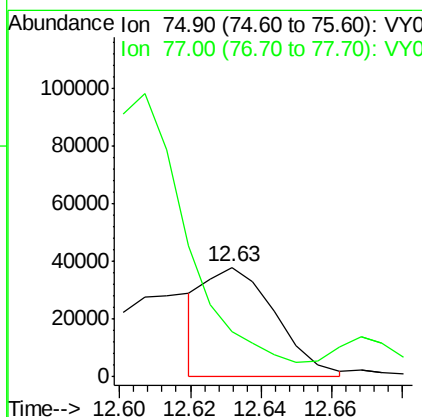
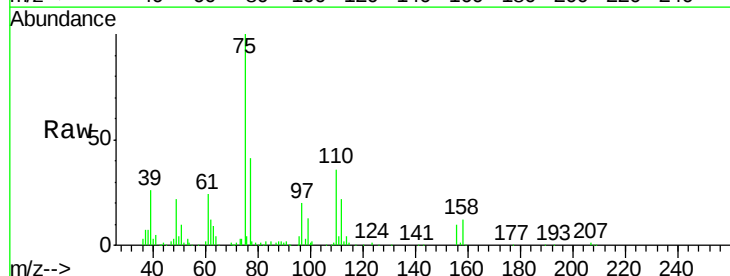
RT: 12.63 min Scan# 1787

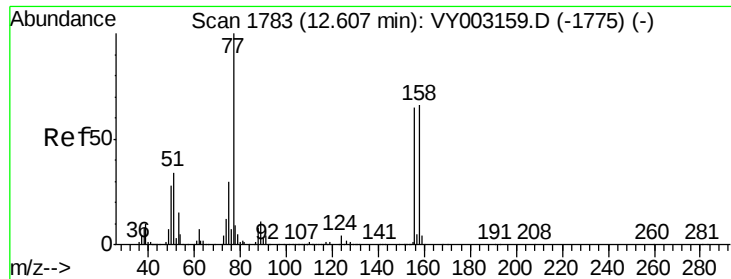
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion:	75	Resp:	52688
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.814 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

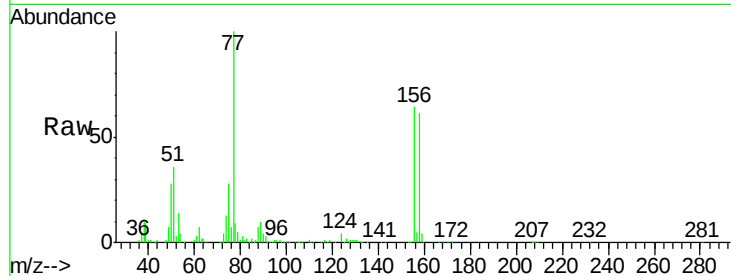
ClientSampleId :

VY0716SBS01

Tot Ion:	156	Resp:	98415
Ion Ratio	Lower	Upper	
156	100		
77	174.7	86.6	259.7
158	97.2	49.4	148.0

Manual Integrations
APPROVED

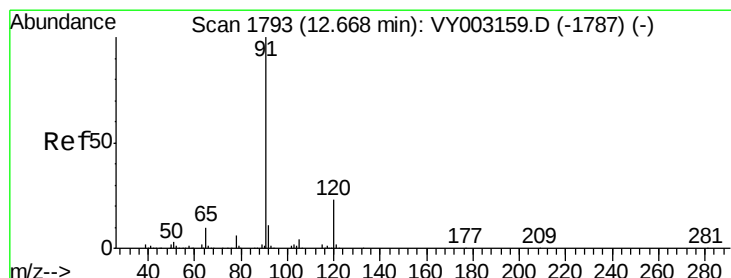
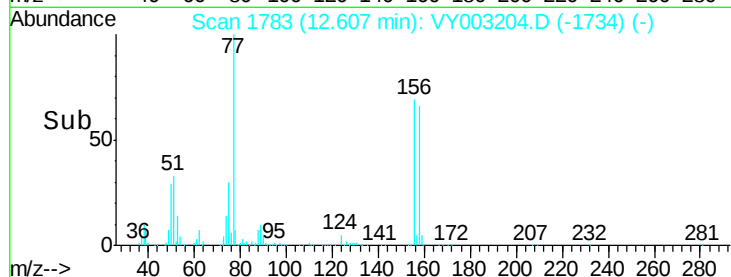
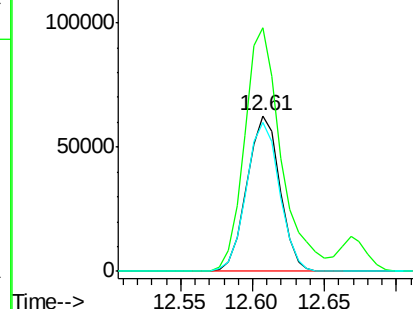
MMDadoda
7/17/2020 4:43:06 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.525 ug/l

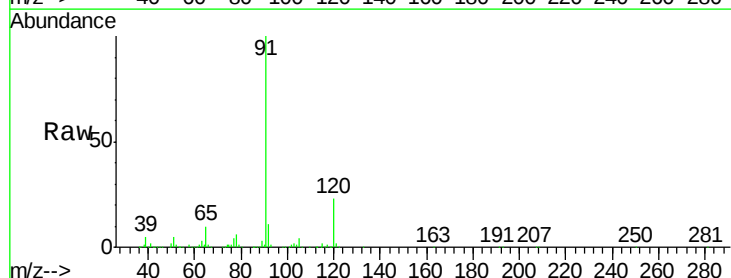
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003204.D

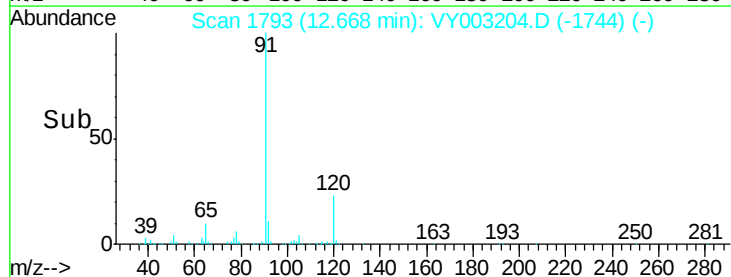
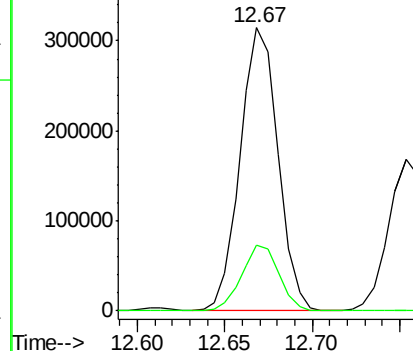
Acq: 16 Jul 2020 12:37

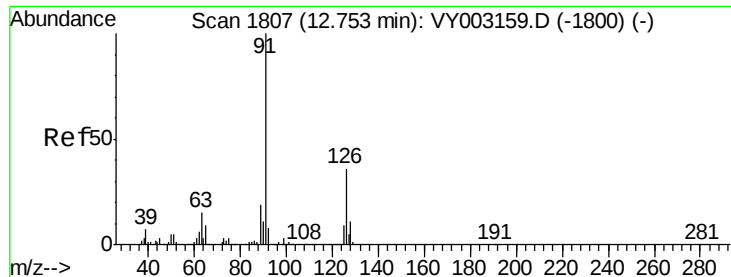
Tgt Ion:	91	Resp:	471415
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





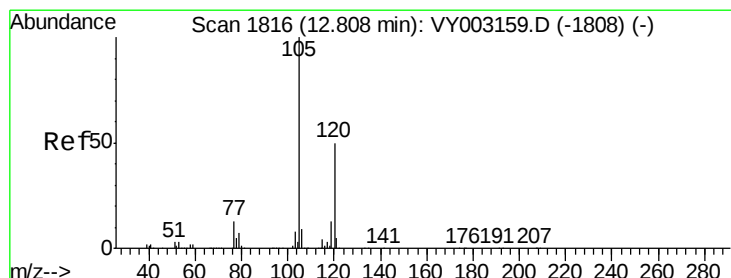
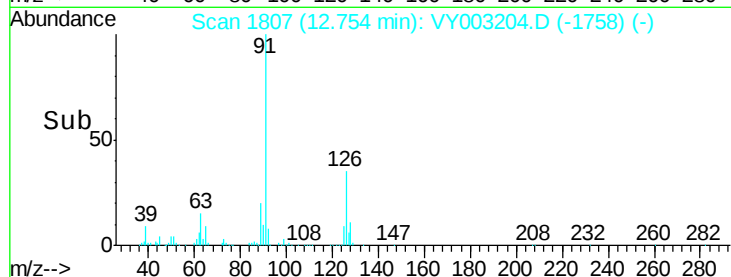
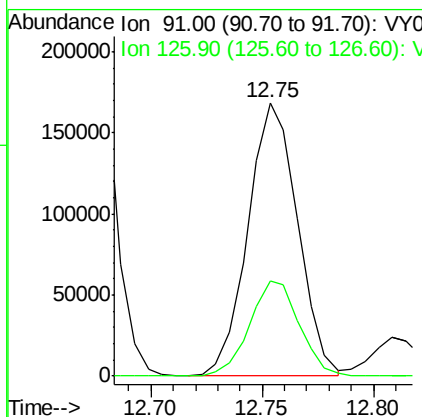
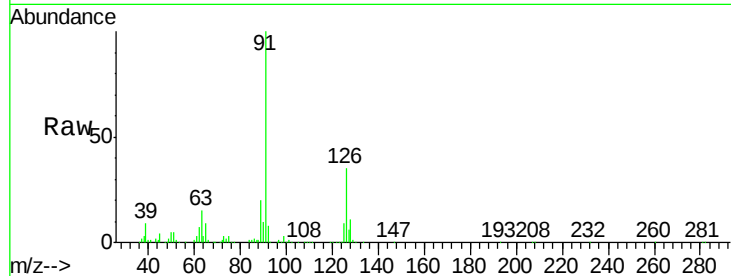
#79
 2-Chlorotoluene
 Concen: 20.360 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.6	52.9

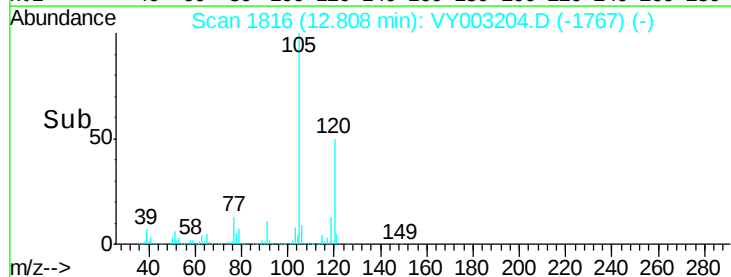
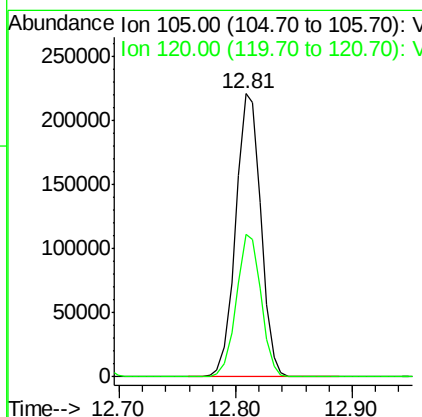
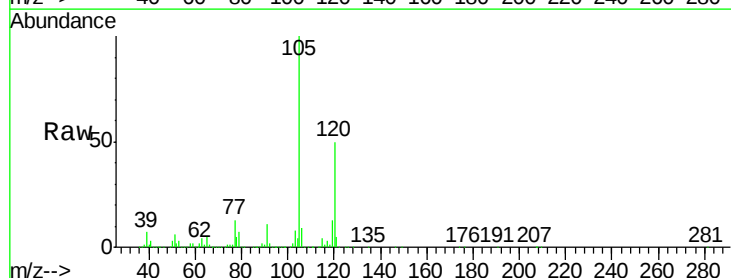
Manual Integrations
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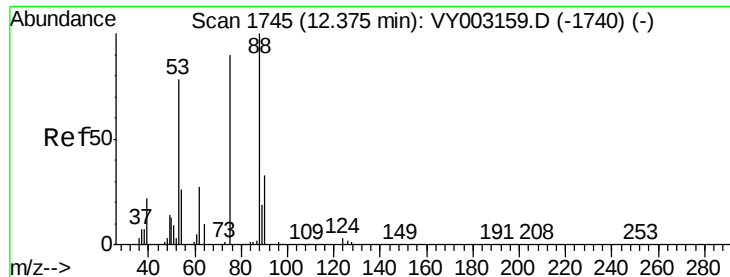
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.471 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.871 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion: 75 Resp: 27634

Ion Ratio Lower Upper

75 100

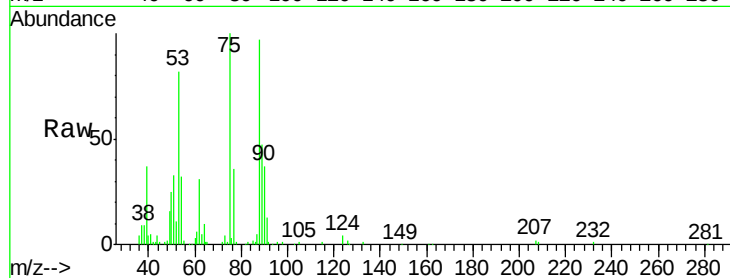
53 86.9 72.0 108.0

89 39.1 37.3 55.9

Manual Integrations
APPROVED

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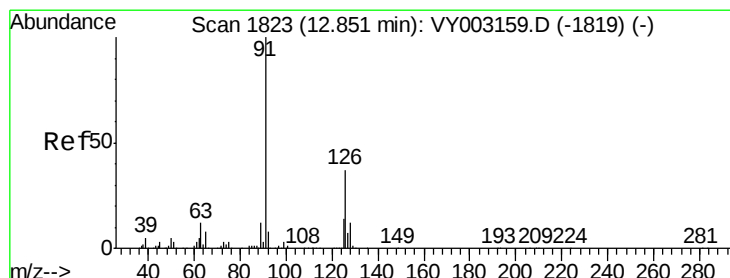
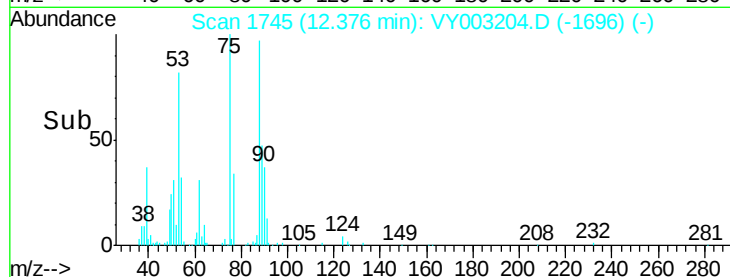
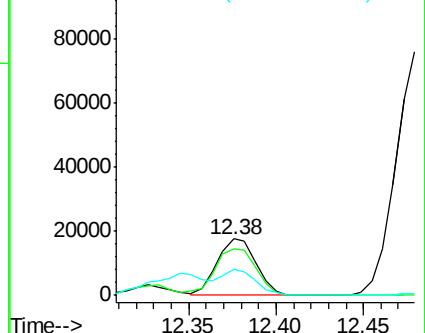
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.533 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003204.D

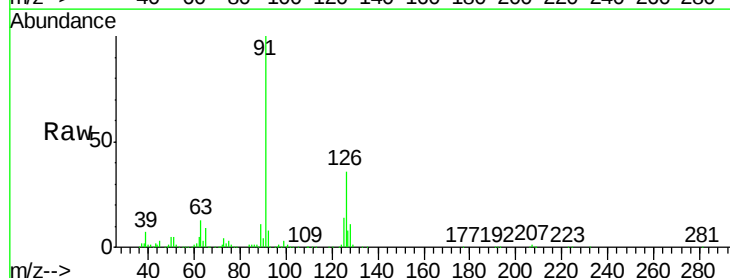
Acq: 16 Jul 2020 12:37

Tgt Ion: 91 Resp: 274645

Ion Ratio Lower Upper

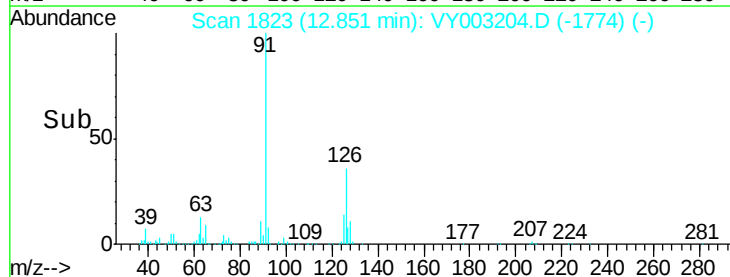
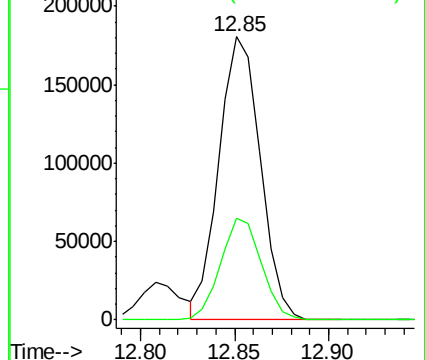
91 100

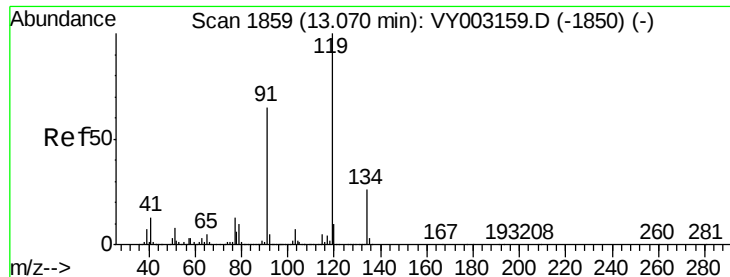
126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





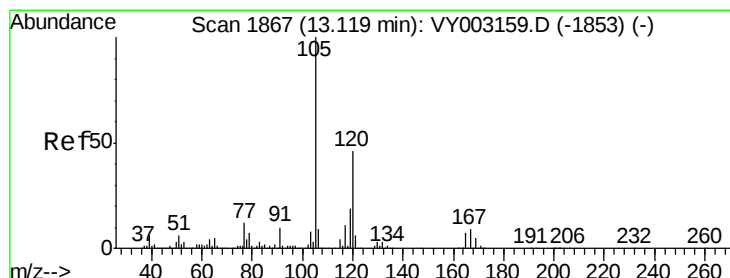
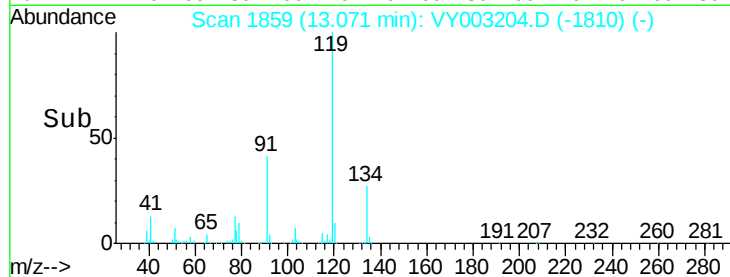
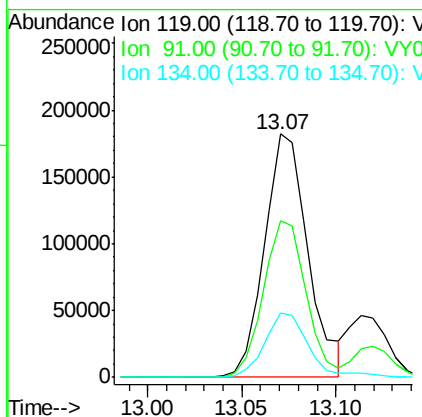
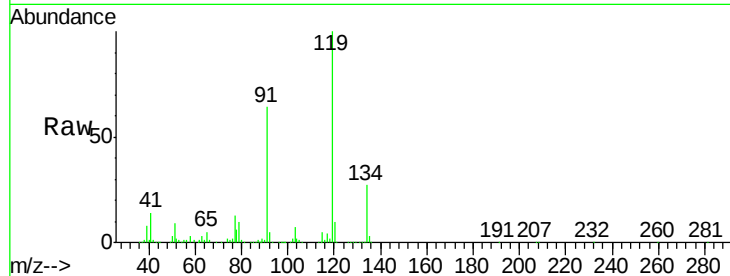
#83
tert-Butylbenzene
Concen: 20.376 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	291977		
91	63.1	30.8	92.4	
134	27.1	13.2	39.6	

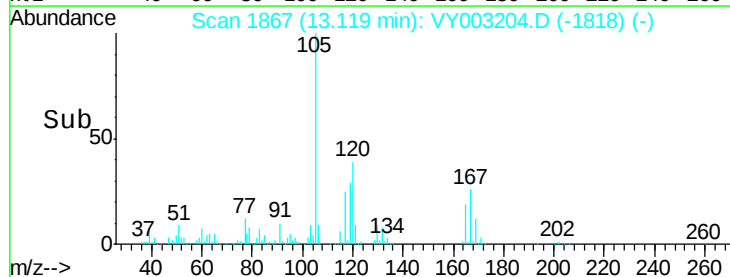
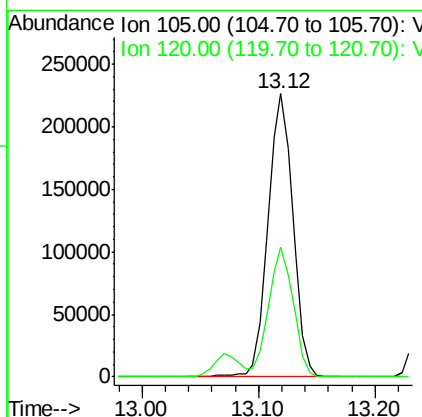
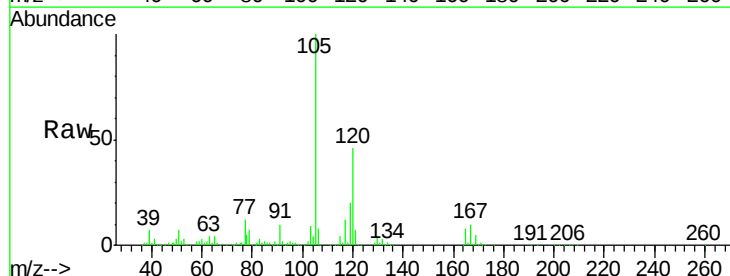
Manual Integrations
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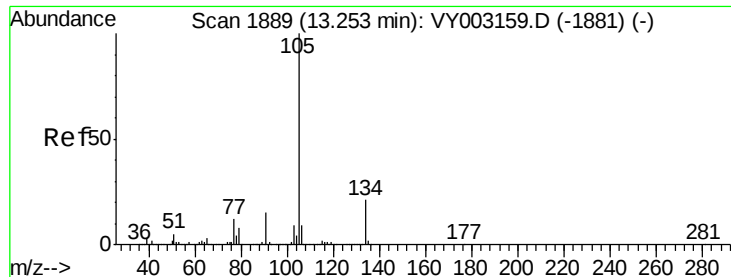
MMDadoda
7/17/2020 4:43:06 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.420 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	333673		
120	45.5	22.5	67.5	





#85

sec-Butylbenzene

Concen: 20.592 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0716SBS01

Tot Ion:105 Resp: 405557

Ion Ratio Lower Upper

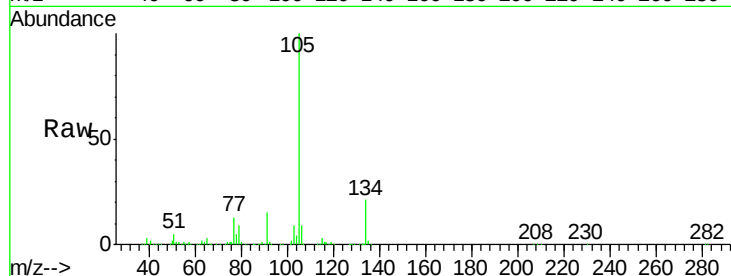
105 100

134 20.5 10.4 31.4

Manual Integrations
APPROVED

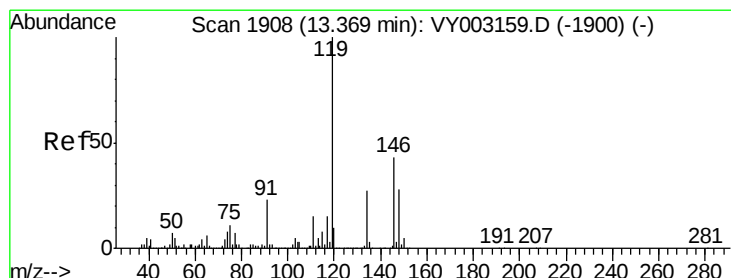
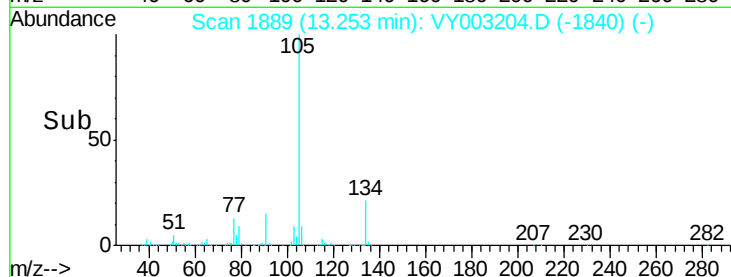
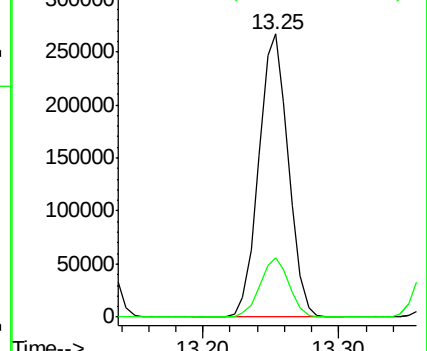
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.085 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

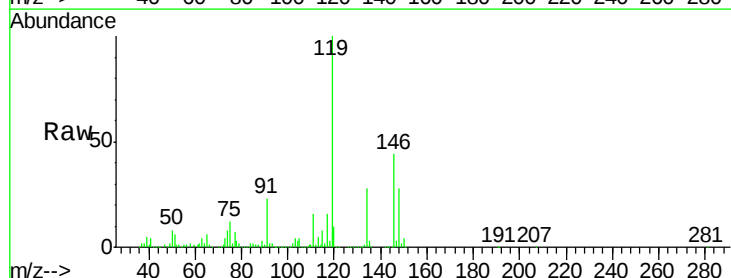
Tgt Ion:119 Resp: 369360

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

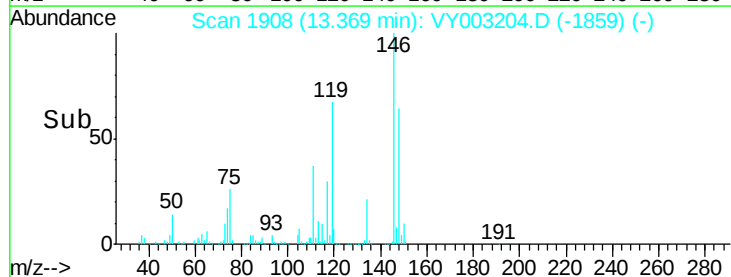
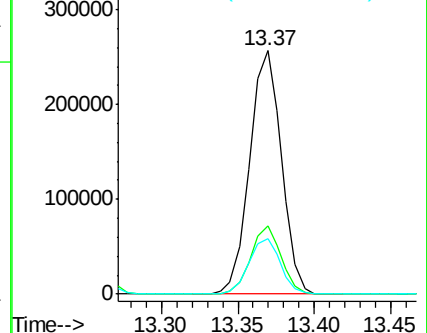
91 22.6 11.2 33.6

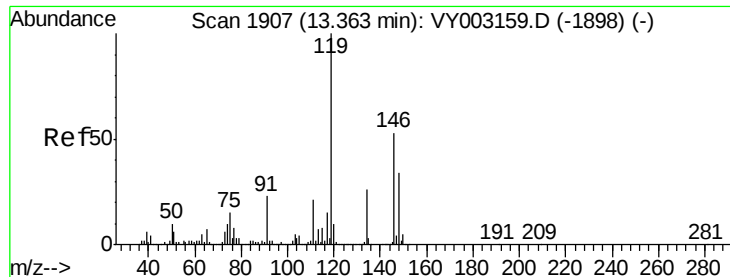


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 19.853 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

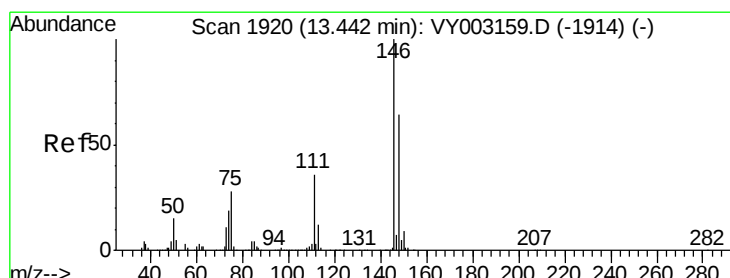
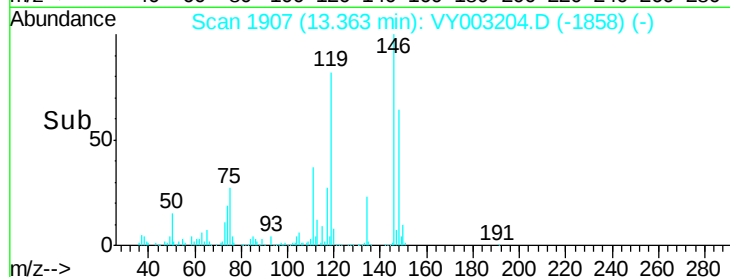
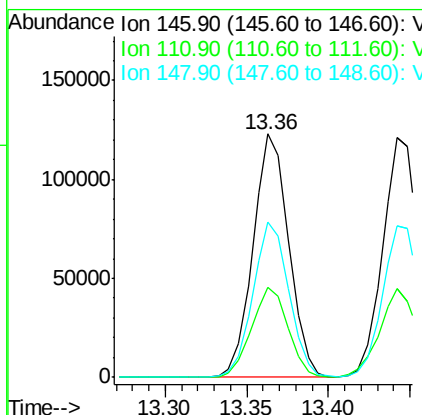
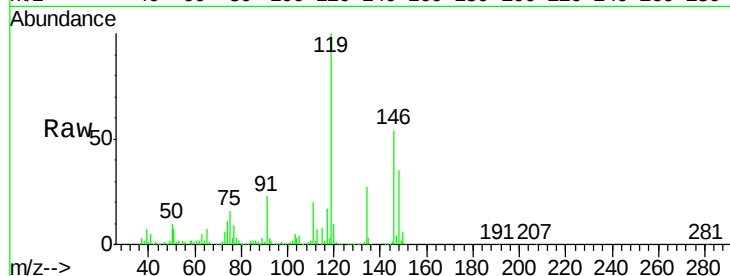
Instrument :
MSVOA_Y

ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	64.5	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.871 ug/l

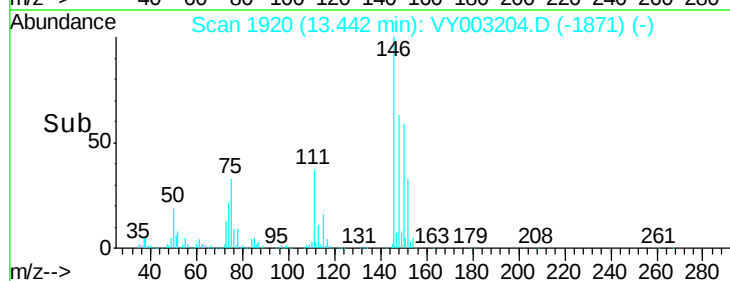
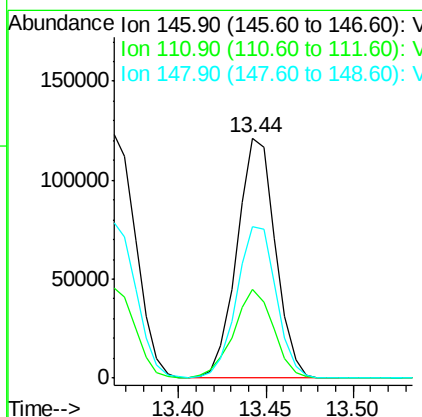
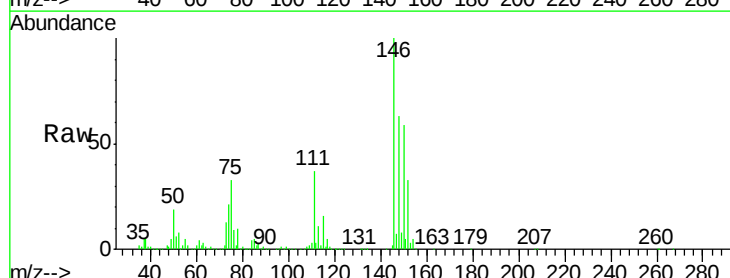
RT: 13.44 min Scan# 1920

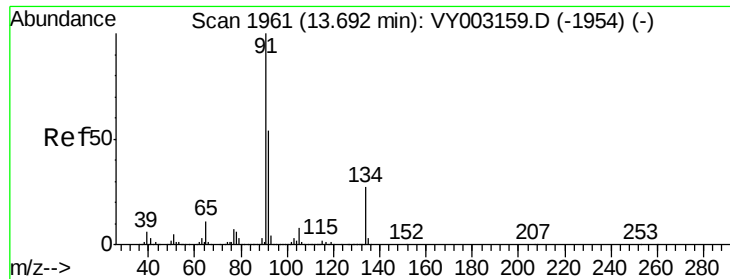
Delta R.T. 0.00 min

Lab File: VY003204.D

Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.4	55.0
148	64.9	32.0	96.0





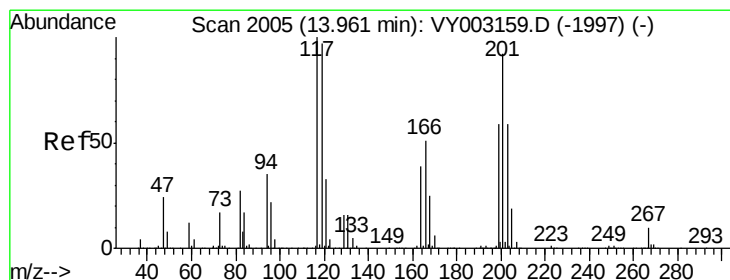
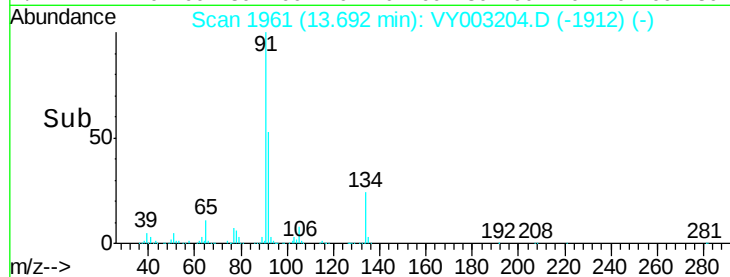
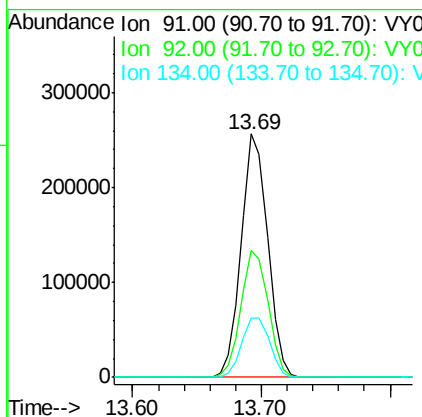
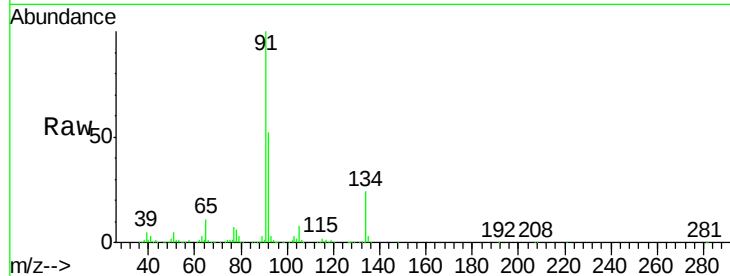
#89
n-Butylbenzene
Concen: 21.159 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0716SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	25.8	13.6	40.7

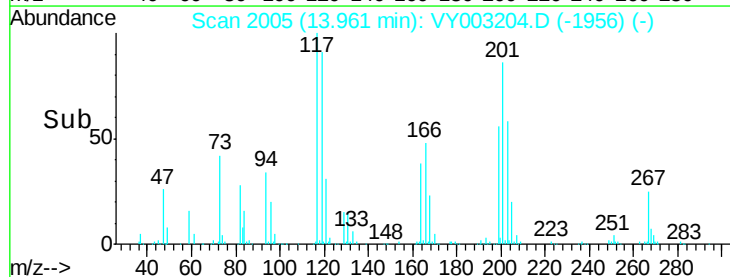
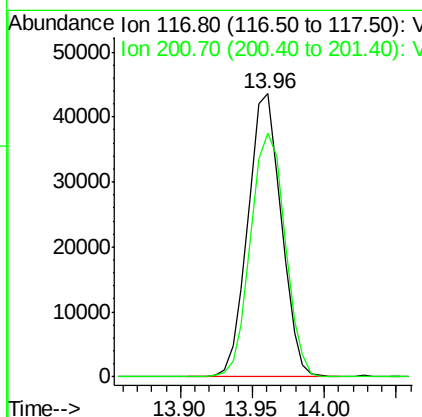
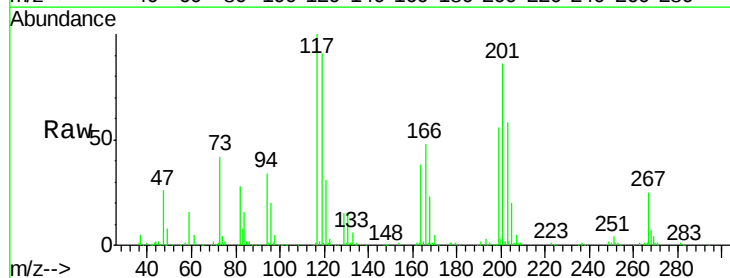
Manual Integrations
APPROVED

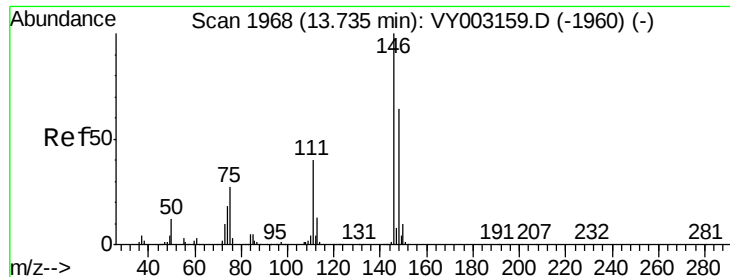
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7/17/2020 4:43:06 PM



#90
Hexachloroethane
Concen: 20.808 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	45.1	135.3





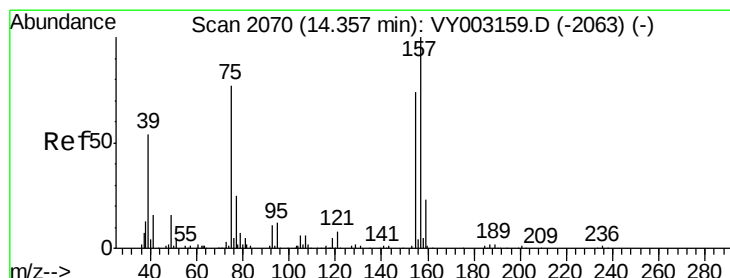
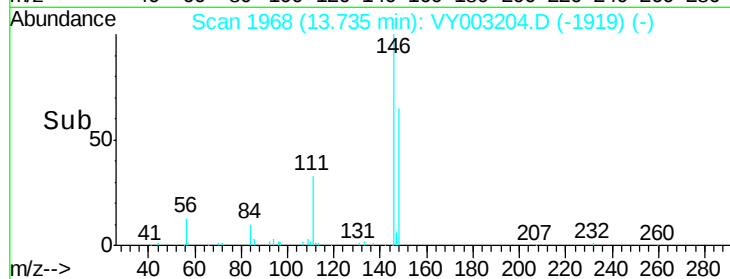
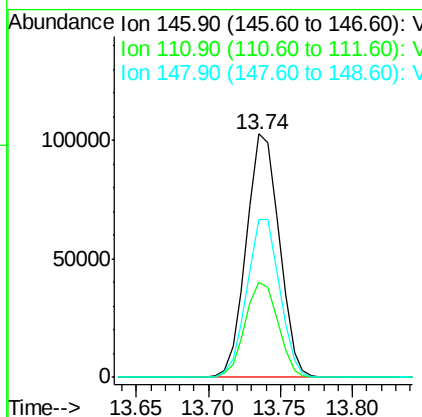
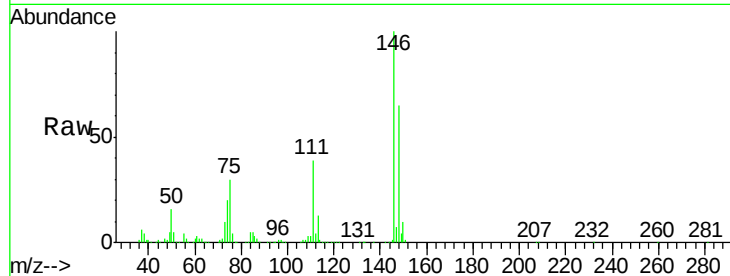
#91
 1,2-Dichlorobenzene
 Concen: 19.756 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	64.7	32.4	97.0

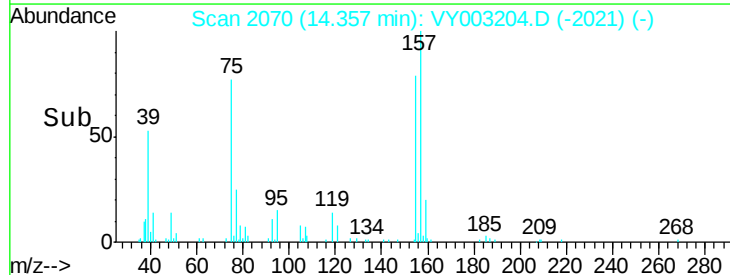
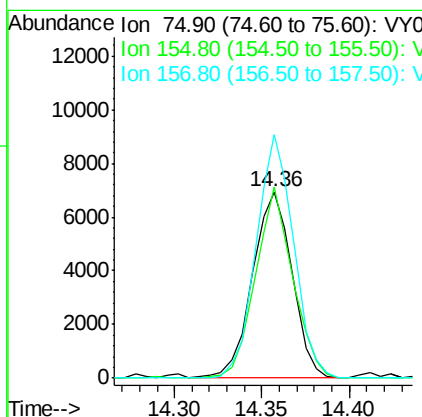
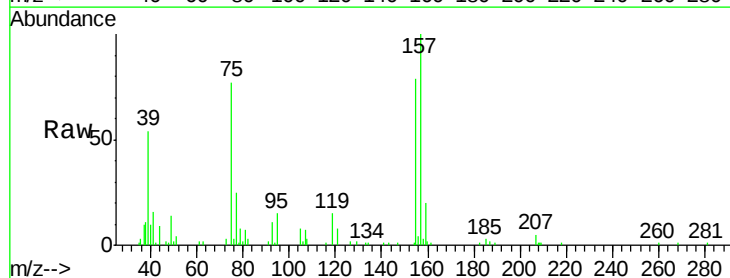
Manual Integrations
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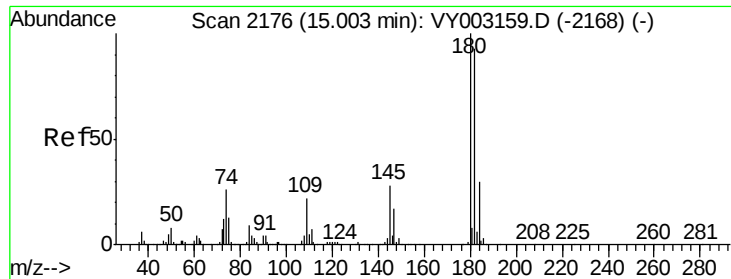
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.890 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	48.1	144.3
157	123.4	61.9	185.6





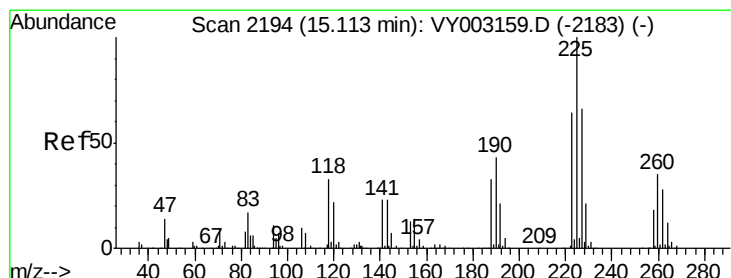
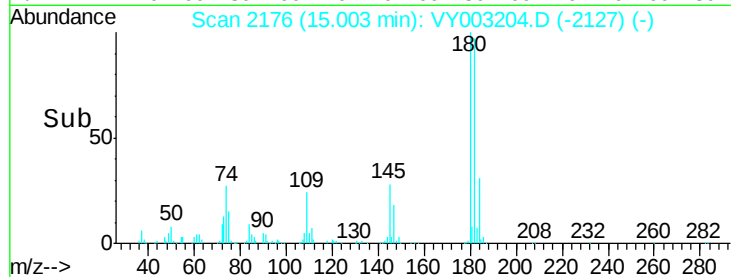
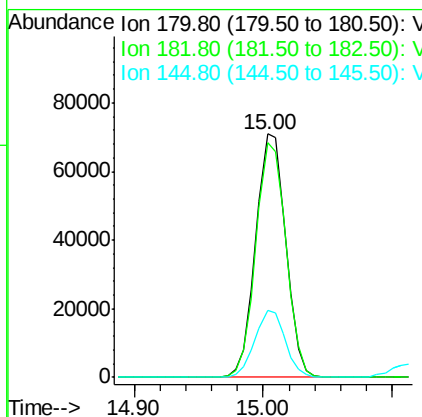
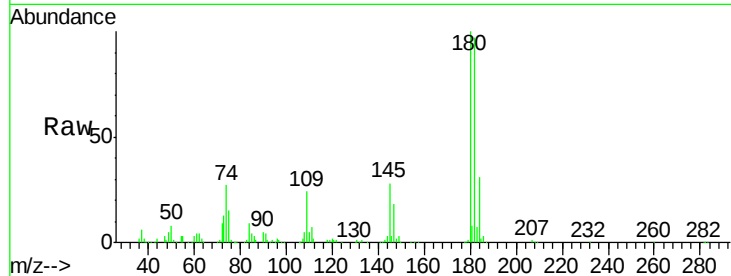
#93
 1,2,4-Trichlorobenzene
 Concen: 19.439 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	113990		
182	96.7	47.3	142.0	
145	27.8	13.7	41.1	

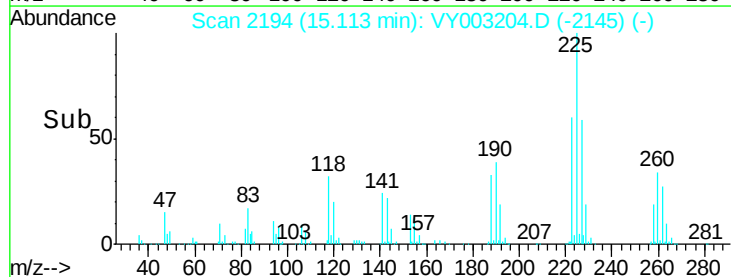
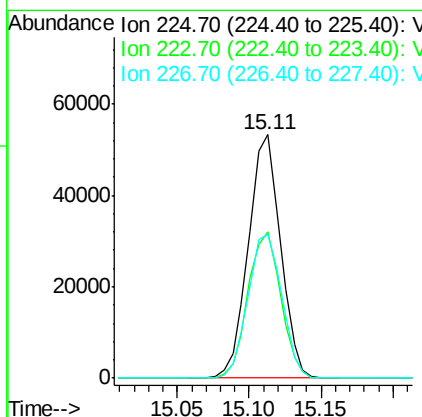
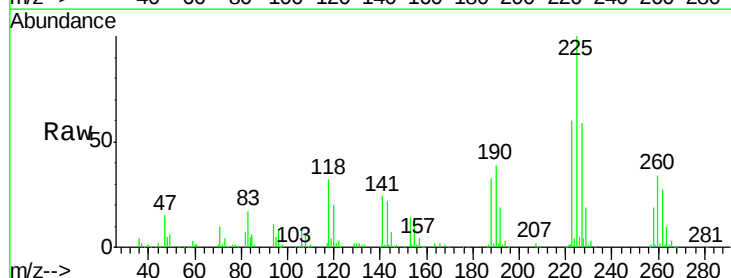
Manual Integrations
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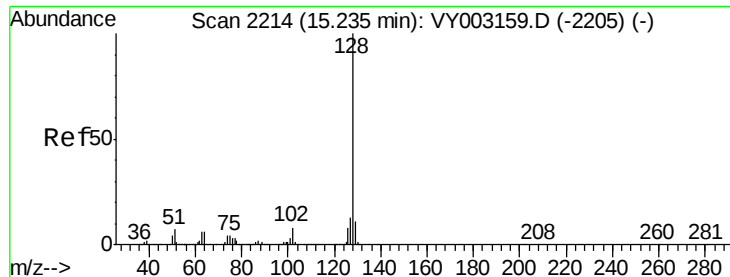
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#94
 Hexachlorobutadiene
 Concen: 20.438 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003204.D
 Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82120		
223	61.5	31.6	94.7	
227	62.1	32.3	96.8	





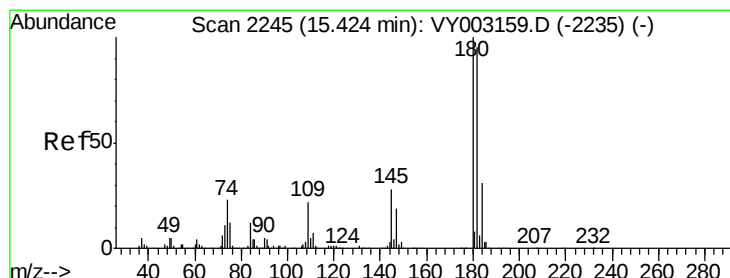
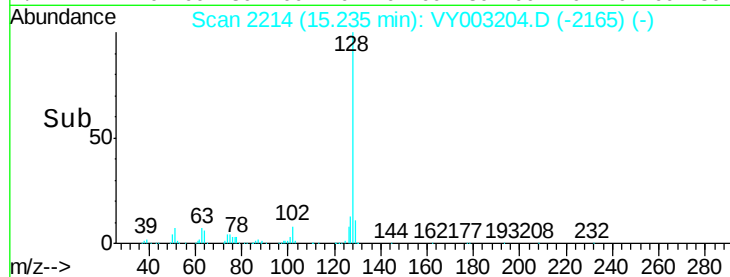
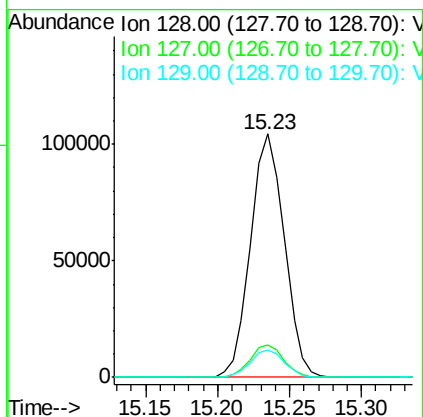
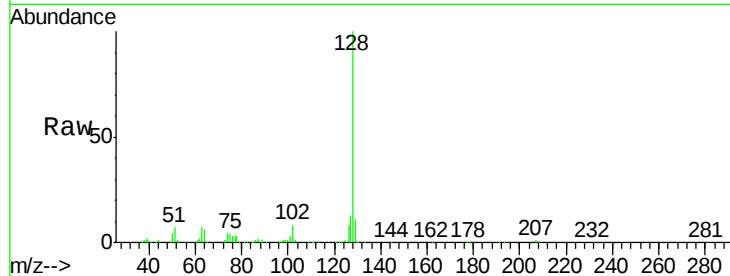
#95
Naphthalene
Concen: 17.469 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Instrument :
MSVOA_Y
ClientSampled :
VY0716SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	169293		
127	13.3	10.9	16.3	
129	11.4	9.0	13.6	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.238 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003204.D
Acq: 16 Jul 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84540		
182	95.6	48.8	146.3	
145	29.2	14.9	44.5	

