

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003202.D
 Acq On : 16 Jul 2020 10:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:43:04 PM

Quant Time: Jul 17 05:38:44 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	447644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	656850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	593740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	308011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	178099	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	7.72	113	171350	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
50) Toluene-d8	10.18	98	644218	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
62) 4-Bromofluorobenzene	12.48	95	228922	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	146871	45.777	ug/l	99
3) Chloromethane	2.11	50	216608	48.673	ug/l	100
4) Vinyl Chloride	2.26	62	220956	48.391	ug/l	96
5) Bromomethane	2.65	94	168720	49.747	ug/l	100
6) Chloroethane	2.80	64	145199	48.415	ug/l	95
7) Trichlorofluoromethane	3.13	101	322760	49.497	ug/l	98
8) Diethyl Ether	3.54	74	103012	47.143	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.91	101	196141	49.804	ug/l	98
10) Methyl Iodide	4.10	142	173268	40.496	ug/l	99
11) Tert butyl alcohol	4.96	59	85728	209.834	ug/l	99
12) 1,1-Dichloroethene	3.88	96	184258	49.465	ug/l	98
13) Acrolein	3.74	56	80781	227.802	ug/l	98
14) Allyl chloride	4.49	41	306860	55.517	ug/l	98
15) Acrylonitrile	5.18	53	255160	243.094	ug/l	99
16) Acetone	3.95	43	229215	271.597	ug/l	95
17) Carbon Disulfide	4.20	76	582559	50.966	ug/l	99
18) Methyl Acetate	4.49	43	115547	49.300	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	505612	48.436	ug/l	98
20) Methylene Chloride	4.72	84	228876	54.382	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	210252	49.903	ug/l	92
22) Diisopropyl ether	6.13	45	668480	54.494	ug/l	95
23) Vinyl Acetate	6.07	43	2123436	259.706	ug/l	98
24) 1,1-Dichloroethane	6.03	63	372302	52.386	ug/l	99
25) 2-Butanone	6.99	43	346072	249.747	ug/l	98
26) 2,2-Dichloropropane	6.99	77	341248	53.317	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	234973	50.654	ug/l	97
28) Bromochloromethane	7.34	49	161821	52.592	ug/l	94
29) Tetrahydrofuran	7.35	42	227016	243.871	ug/l	97
30) Chloroform	7.51	83	375150	51.252	ug/l	96
31) Cyclohexane	7.79	56	352364	51.273	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	338014	51.295	ug/l	100
36) 1,1-Dichloropropene	7.92	75	303164	50.924	ug/l	99
37) Ethyl Acetate	7.08	43	158081	49.308	ug/l	98
38) Carbon Tetrachloride	7.91	117	309578	50.372	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	378797	50.651	ug/l	96
40) Benzene	8.16	78	824755	50.314	ug/l	96
41) Methacrylonitrile	7.33	41	97844m	50.673	ug/l	
42) 1,2-Dichloroethane	8.24	62	246702	48.886	ug/l	100
43) Isopropyl Acetate	8.28	43	303889	48.970	ug/l	99
44) Trichloroethene	8.94	130	241789	48.117	ug/l	98
45) 1,2-Dichloropropane	9.22	63	219269	51.696	ug/l	99
46) Dibromomethane	9.31	93	116203	46.907	ug/l	99
47) Bromodichloromethane	9.50	83	296583	50.337	ug/l	99
48) Methyl methacrylate	9.30	41	140513	50.649	ug/l	93
49) 1,4-Dioxane	9.30	88	28083	893.187	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	786516	243.843	ug/l	98
52) Toluene	10.25	92	515283	49.181	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	307017	50.293	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	355447	50.535	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	164861	46.963	ug/l	98
56) Ethyl methacrylate	10.51	69	233158	48.853	ug/l	97
57) 1,3-Dichloropropane	10.79	76	289069	48.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	564045	231.733	ug/l	97
59) 2-Hexanone	10.83	43	559048	248.286	ug/l	98
60) Dibromochloromethane	10.99	129	212707	48.175	ug/l	99
61) 1,2-Dibromoethane	11.09	107	157603	45.488	ug/l	99
64) Tetrachloroethene	10.72	164	246000	46.468	ug/l	98
65) Chlorobenzene	11.52	112	570043	49.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	220726	49.685	ug/l	99
67) Ethyl Benzene	11.59	91	1045423	51.189	ug/l	99
68) m/p-Xylenes	11.70	106	783321	101.088	ug/l	99
69) o-Xylene	12.03	106	363443	50.205	ug/l	97
70) Styrene	12.05	104	624617	50.438	ug/l	99
71) Bromoform	12.20	173	135834	46.587	ug/l #	99
73) Isopropylbenzene	12.33	105	1016269	51.775	ug/l	99
74) N-amyl acetate	12.14	43	288560	52.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	183001	48.273	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	136497m	50.064	ug/l	
77) Bromobenzene	12.61	156	248263	49.619	ug/l	98
78) n-propylbenzene	12.67	91	1229270	53.130	ug/l	99
79) 2-Chlorotoluene	12.75	91	667797	51.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	858470	52.475	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67153	47.935	ug/l #	75
82) 4-Chlorotoluene	12.85	91	706179	52.411	ug/l	98
83) tert-Butylbenzene	13.08	119	752818	52.152	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	852664	51.801	ug/l	99
85) sec-Butylbenzene	13.25	105	1045423	52.692	ug/l	100
86) p-Isopropyltoluene	13.37	119	965128	52.099	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	480362	50.770	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	465377	49.680	ug/l	99
89) n-Butylbenzene	13.70	91	933594	53.578	ug/l	99
90) Hexachloroethane	13.96	117	180221	53.422	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	414772	49.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26204	42.636	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	274338	46.443	ug/l	99
94) Hexachlorobutadiene	15.11	225	203553	50.291	ug/l	99
95) Naphthalene	15.23	128	410754	42.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	194149	41.579	ug/l	99

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

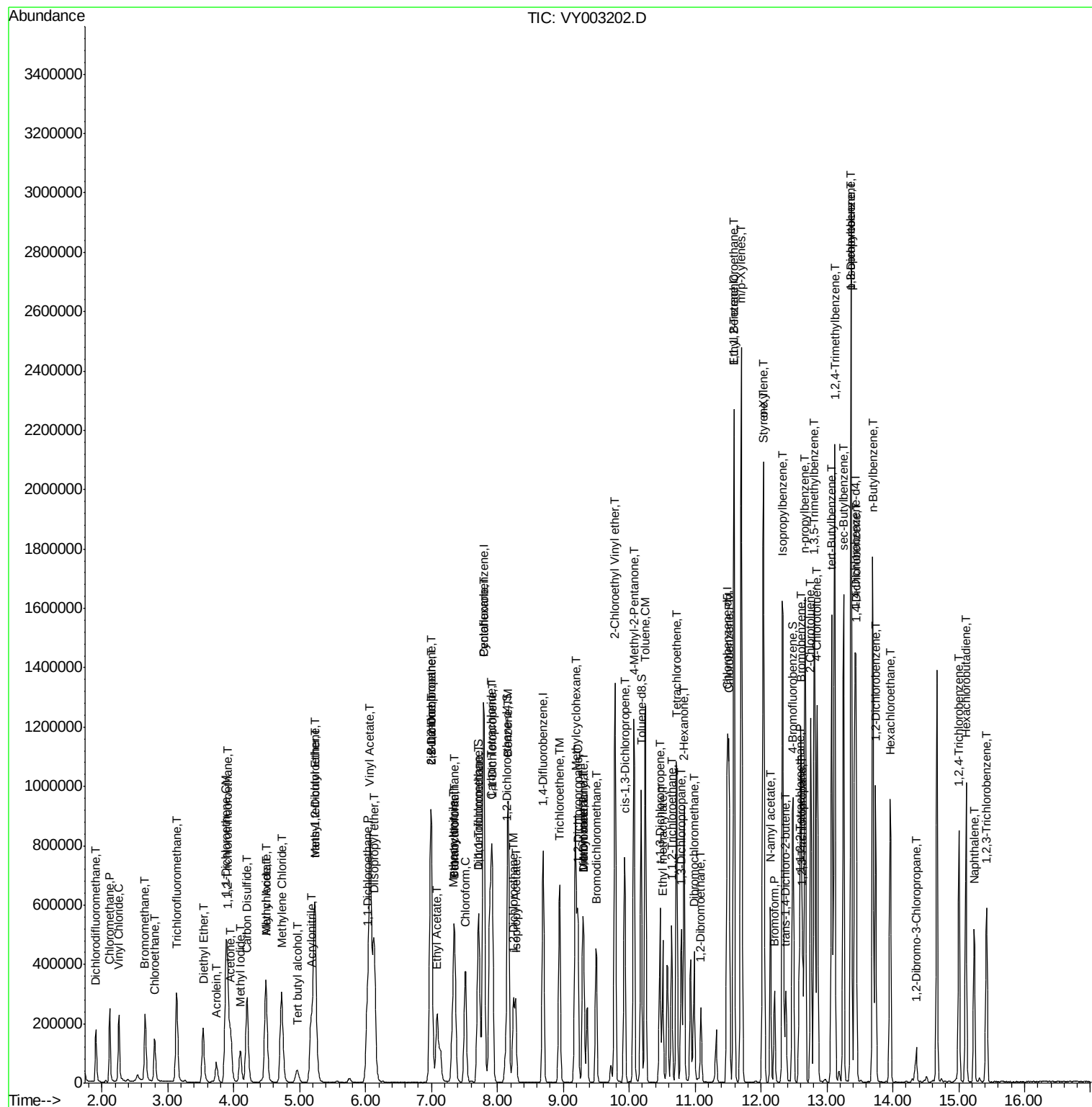
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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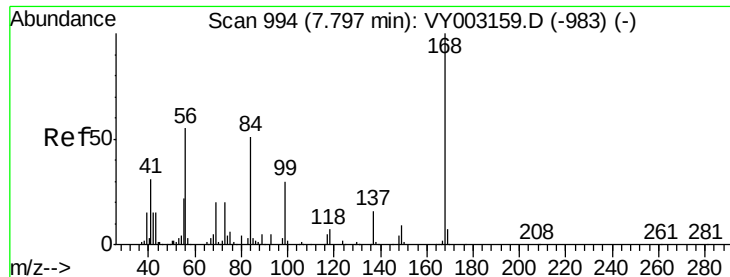
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 447644

Ion Ratio Lower Upper

168 100

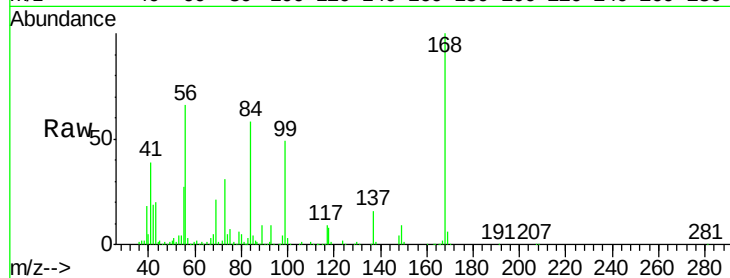
99 48.7 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

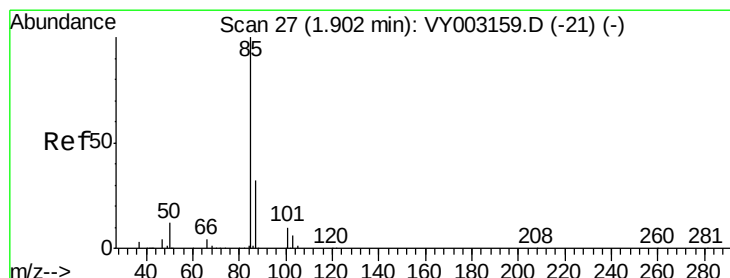
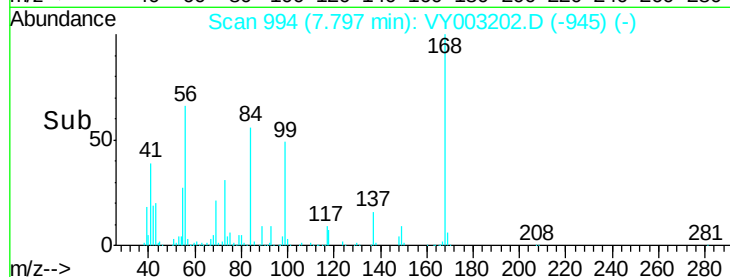
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.777 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003202.D

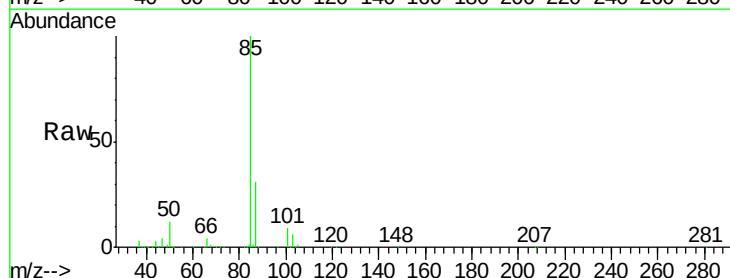
Acq: 16 Jul 2020 10:37

Tgt Ion: 85 Resp: 146871

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

100000

80000

60000

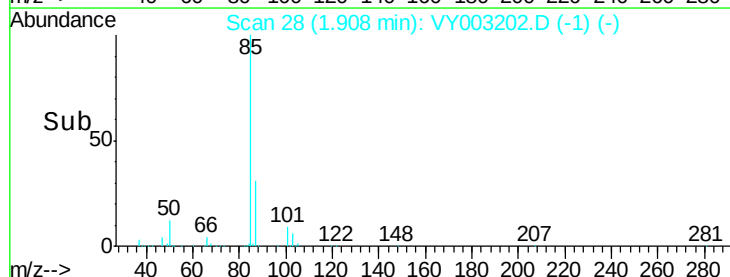
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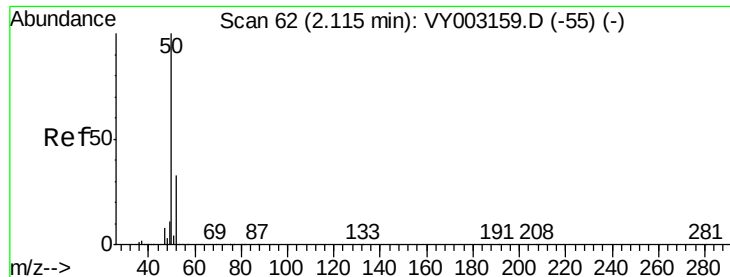
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.673 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 216608

Ion Ratio Lower Upper

50 100

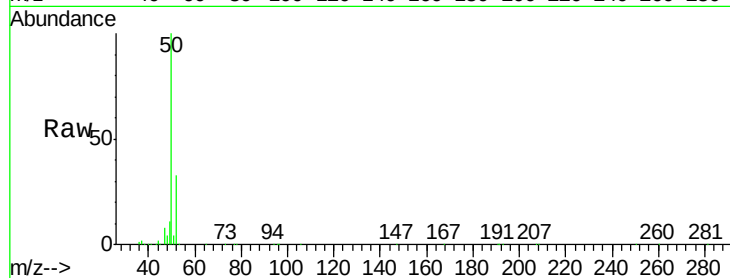
52 33.1 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

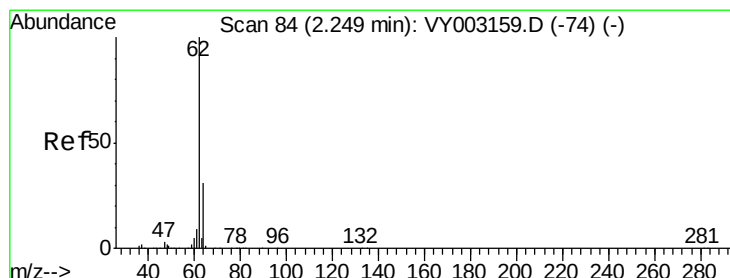
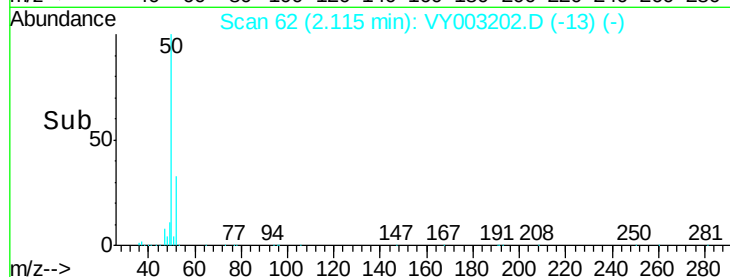
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 48.391 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003202.D

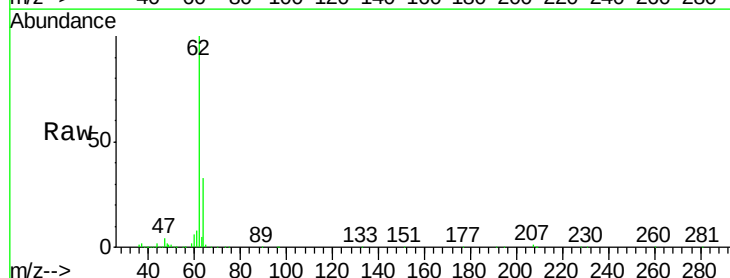
Acq: 16 Jul 2020 10:37

Tgt Ion: 62 Resp: 220956

Ion Ratio Lower Upper

62 100

64 33.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

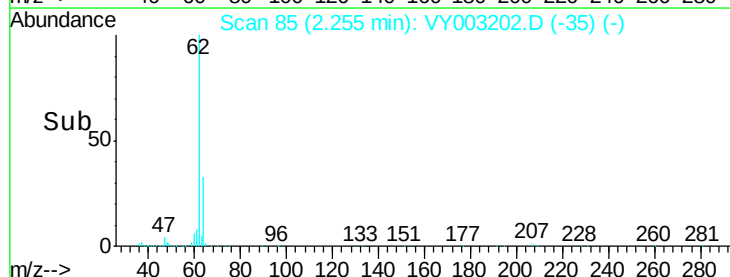
150000

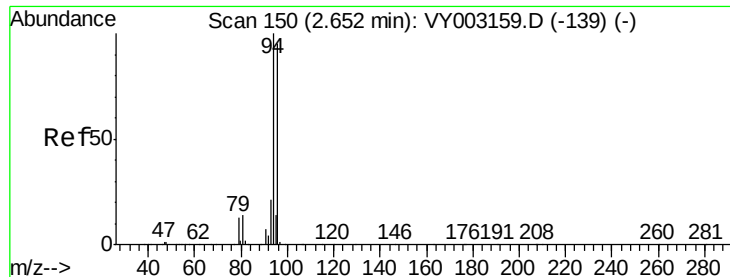
100000

50000

0

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 49.747 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 168720

Ion Ratio Lower Upper

94 100

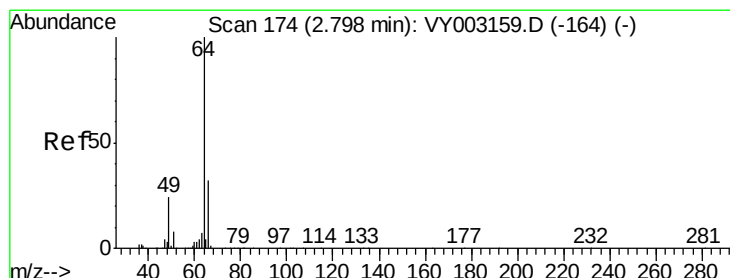
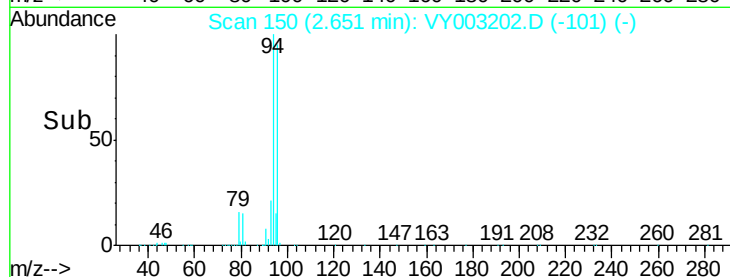
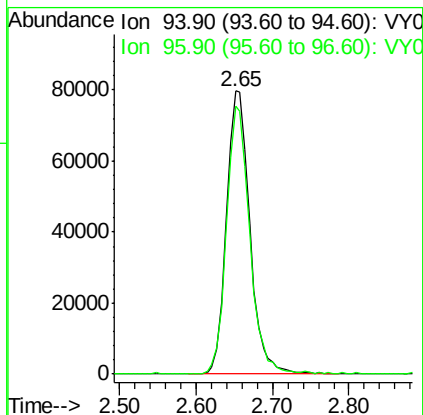
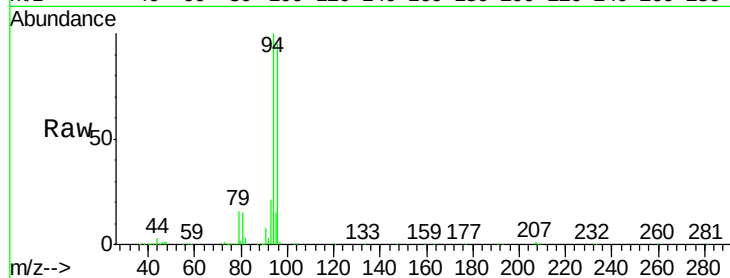
96 94.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 48.415 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003202.D

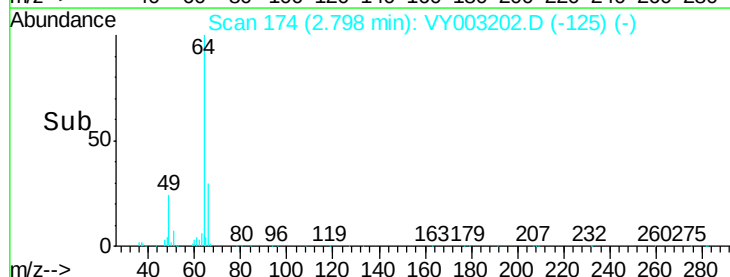
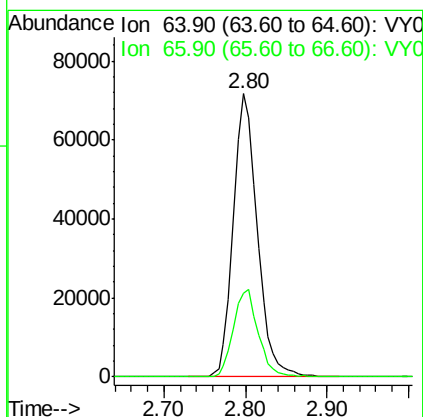
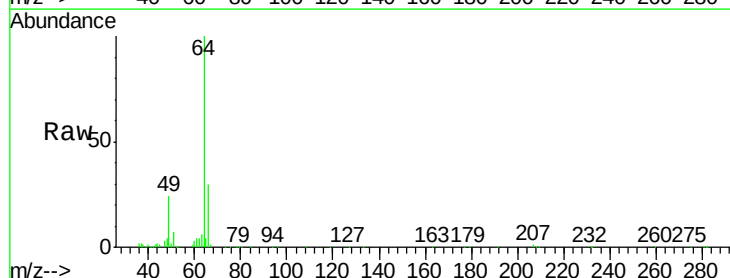
Acq: 16 Jul 2020 10:37

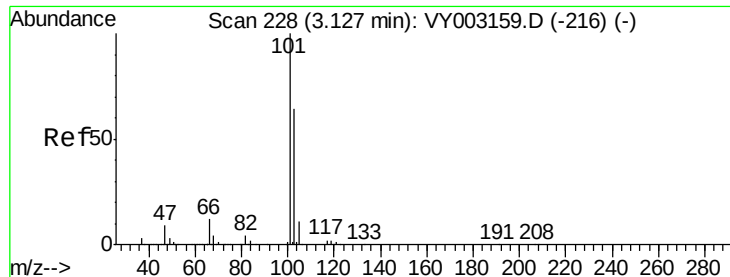
Tgt Ion: 64 Resp: 145199

Ion Ratio Lower Upper

64 100

66 29.8 26.0 39.0





#7

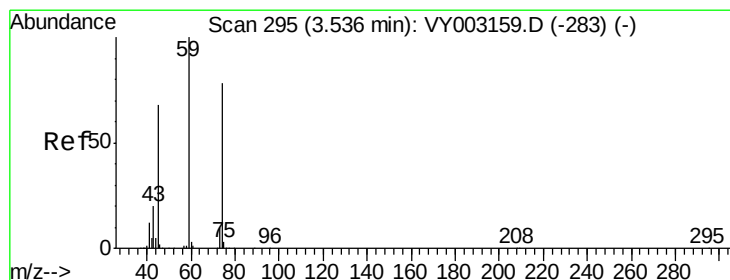
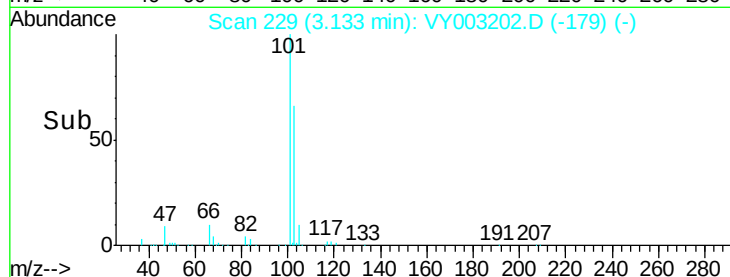
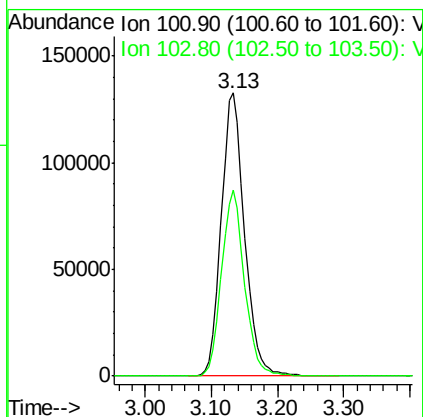
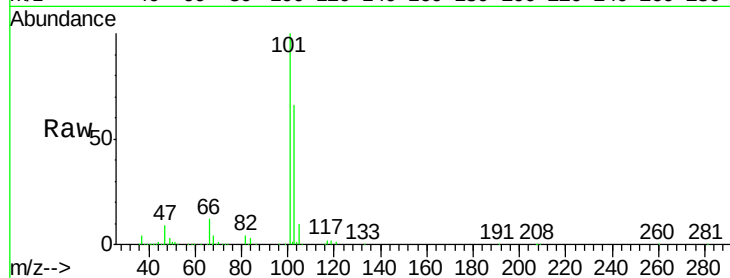
Trichlorofluoromethane
Concen: 49.497 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		322760		
103	65.7	51.3	76.9		

Manual Integrations
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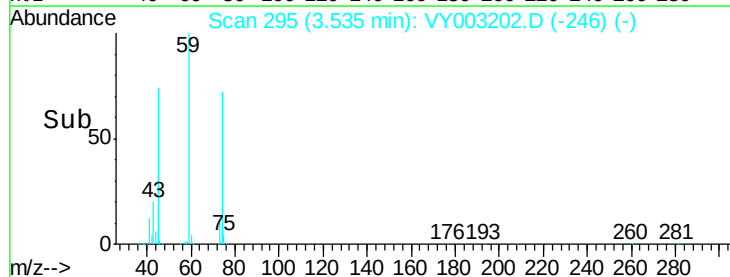
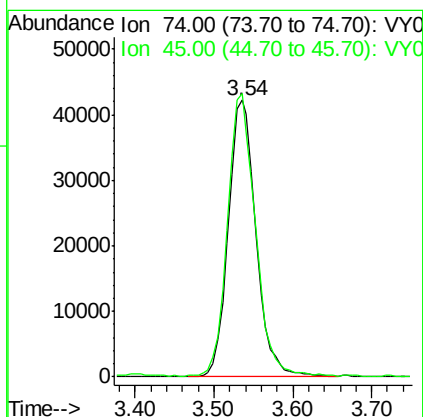
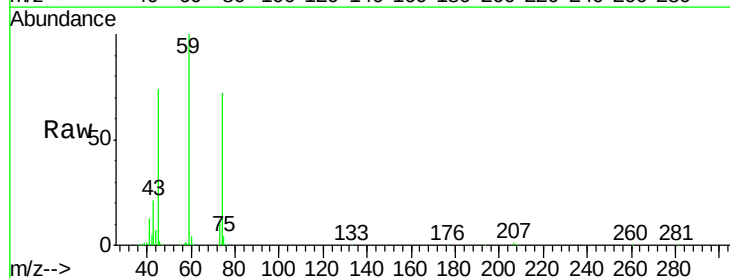
MMDadoda
7/17/2020 4:43:04 PM

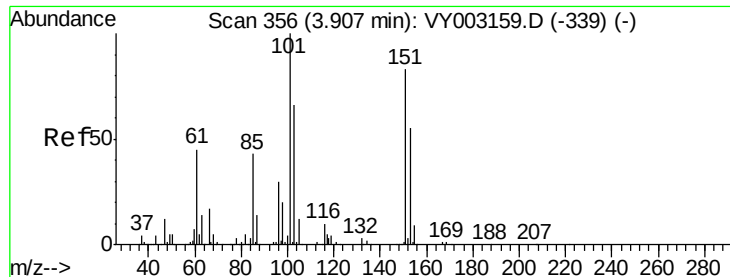


#8

Diethyl Ether
Concen: 47.143 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		103012		
45	102.7	45.3	135.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.804 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003202.D

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MSVOA_Y

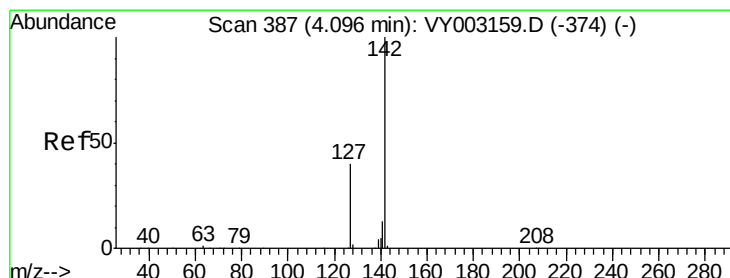
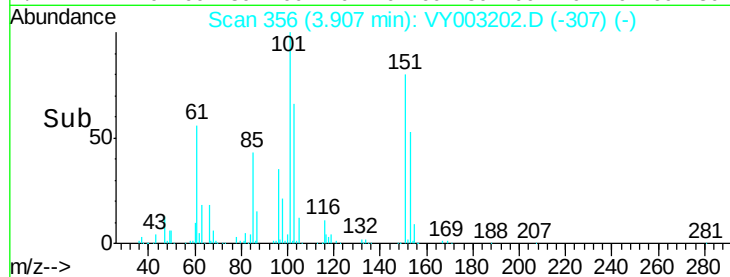
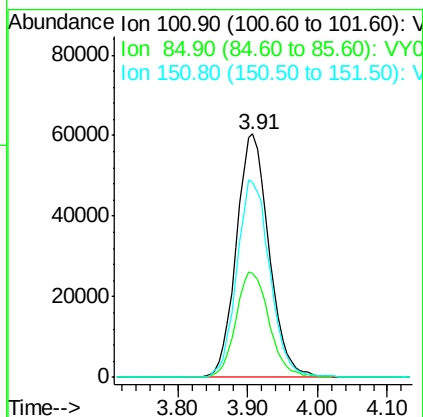
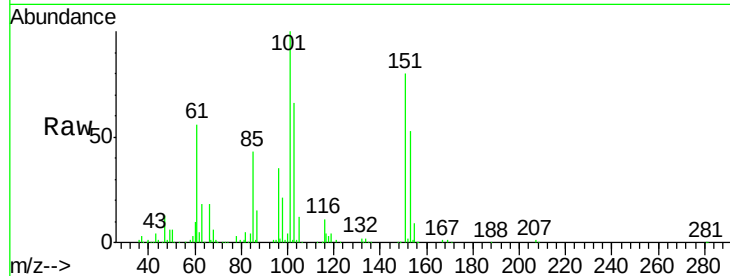
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	196141
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.9	52.3
151	81.9	67.0	100.6

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#10

Methyl Iodide

Concen: 40.496 ug/l

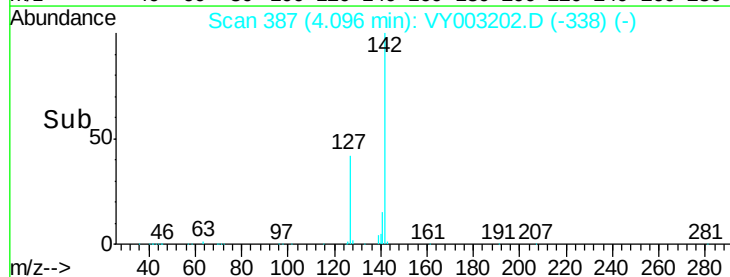
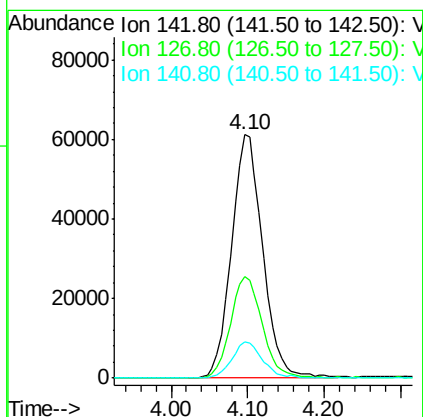
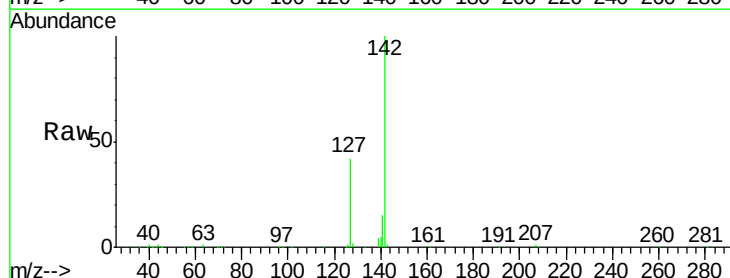
RT: 4.10 min Scan# 387

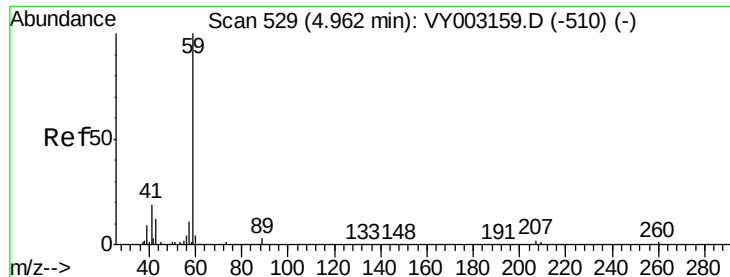
Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion:	142	Resp:	173268
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.5	50.3
141	14.6	11.2	16.8





#11

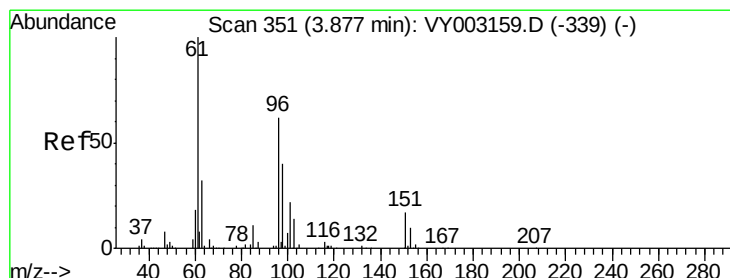
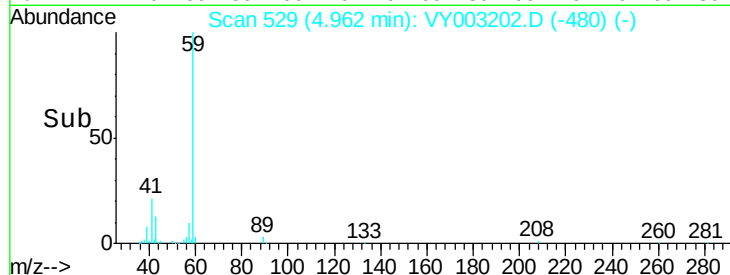
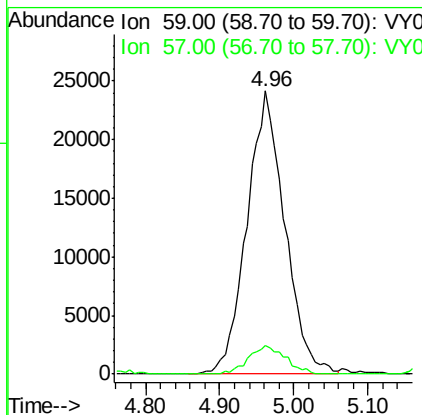
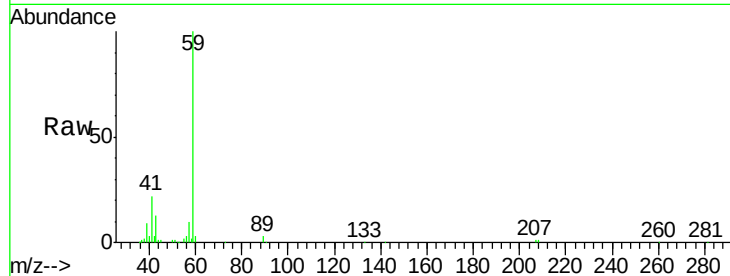
Tert butyl alcohol
 Concen: 209.834 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

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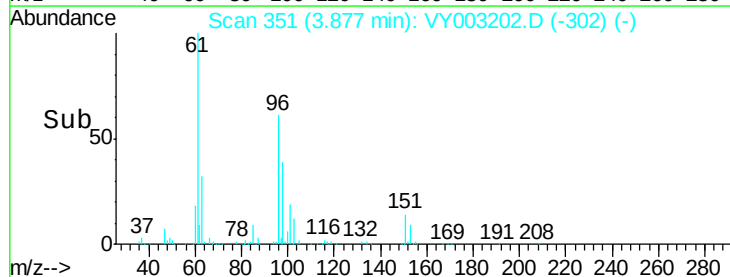
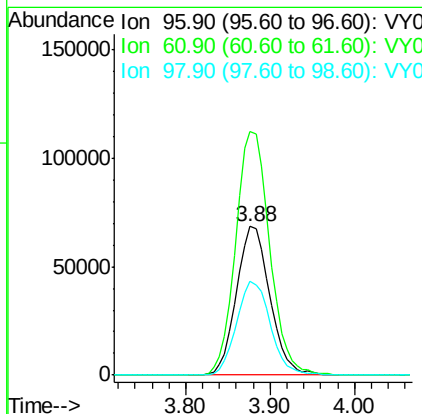
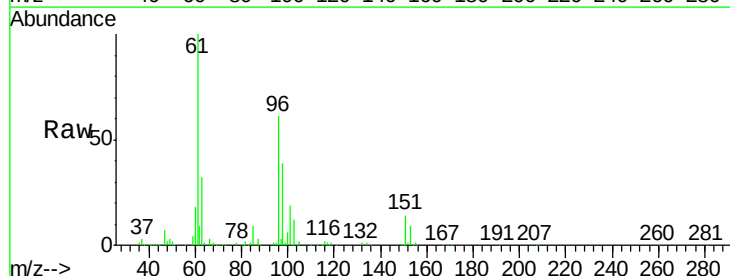
MMDadoda
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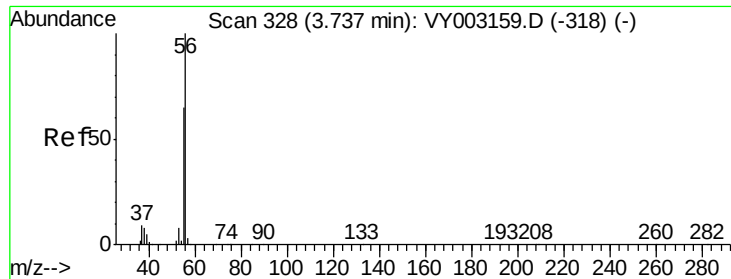


#12

1,1-Dichloroethene
 Concen: 49.465 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	128.6	193.0
98	63.4	51.6	77.4





#13

Acrolein

Concen: 227.802 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 80781

Ion Ratio Lower Upper

56 100

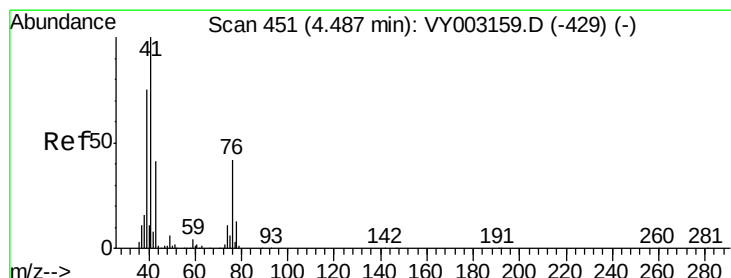
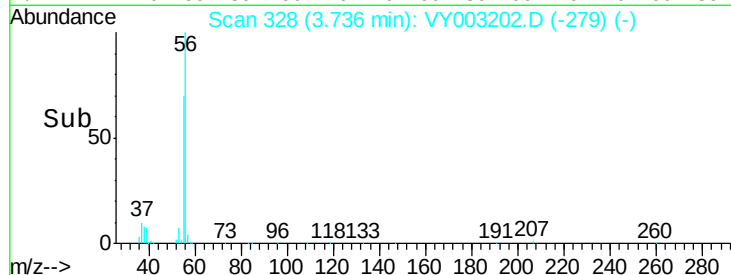
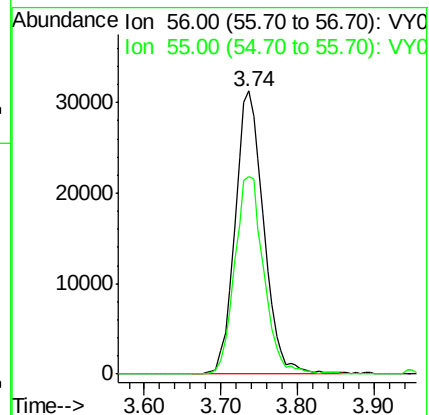
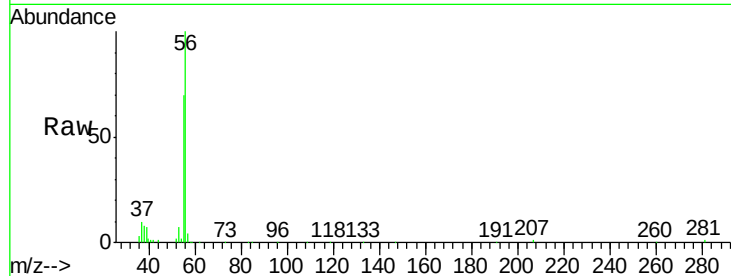
55 71.5 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 55.517 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

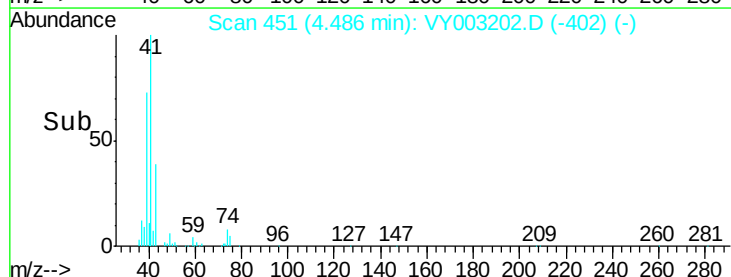
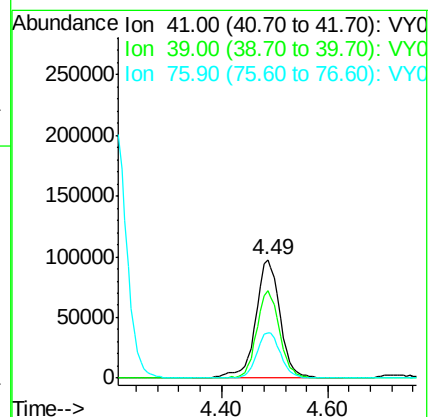
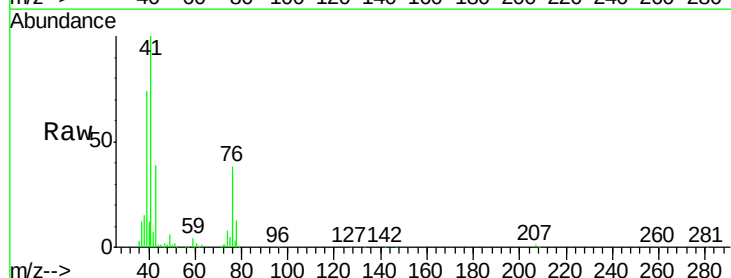
Tgt Ion: 41 Resp: 306860

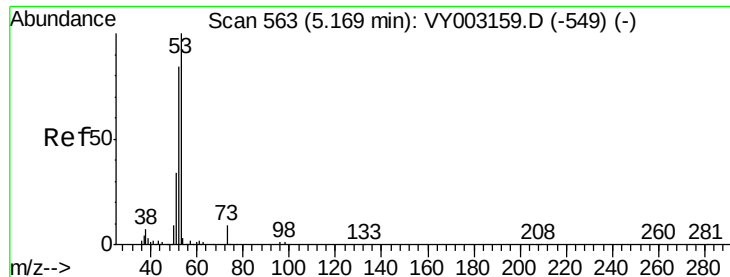
Ion Ratio Lower Upper

41 100

39 70.1 56.6 85.0

76 37.7 31.6 47.4





#15

Acrylonitrile

Concen: 243.094 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

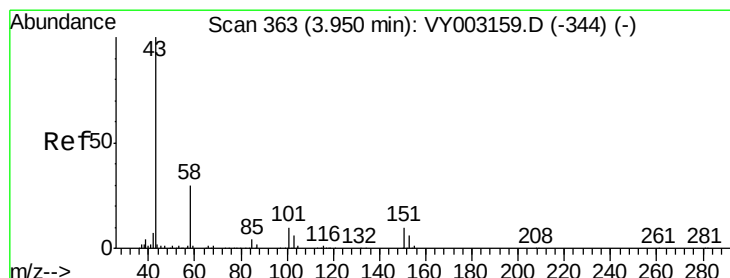
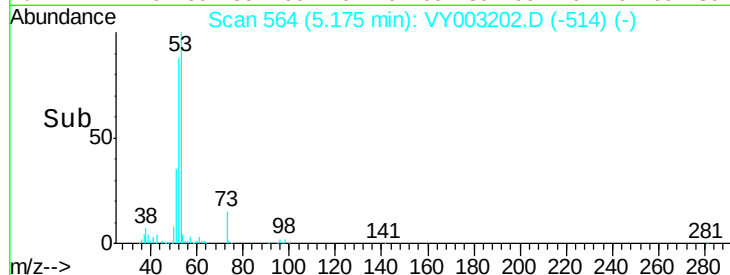
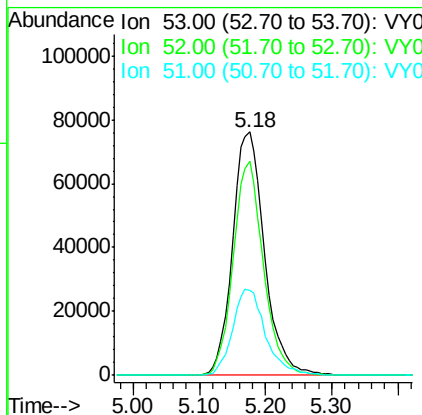
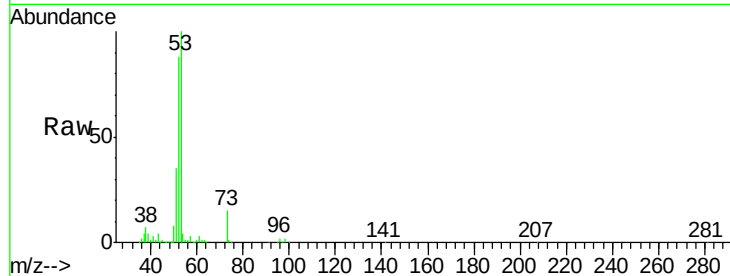
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	255160
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 271.597 ug/l

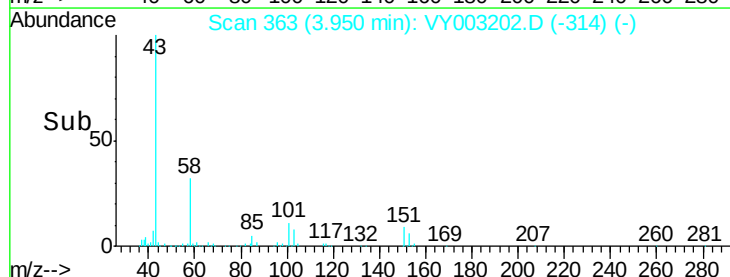
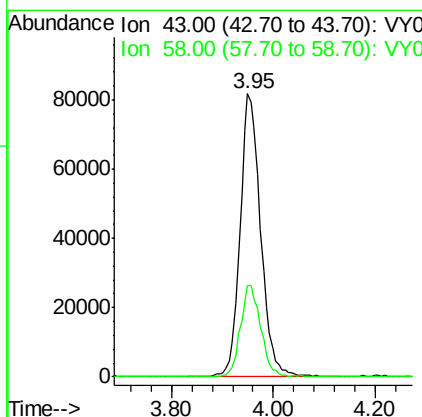
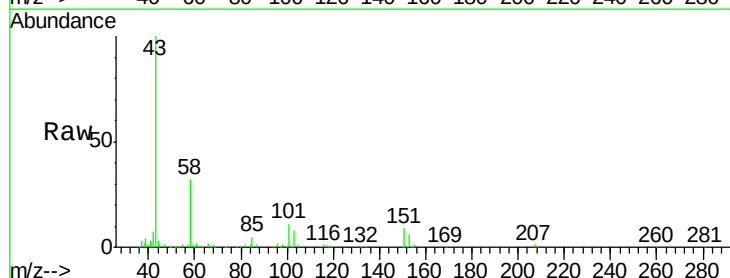
RT: 3.95 min Scan# 363

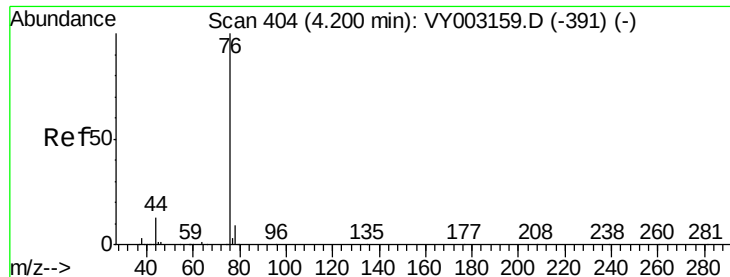
Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion:	43	Resp:	229215
Ion Ratio		Lower	Upper
43	100		
58	32.3	23.8	35.6





#17

Carbon Disulfide

Concen: 50.966 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 582559

Ion Ratio Lower Upper

76 100

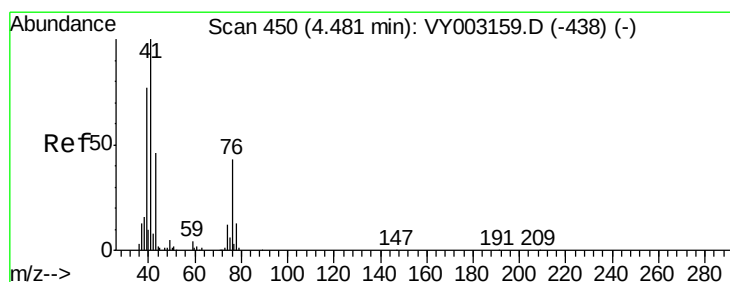
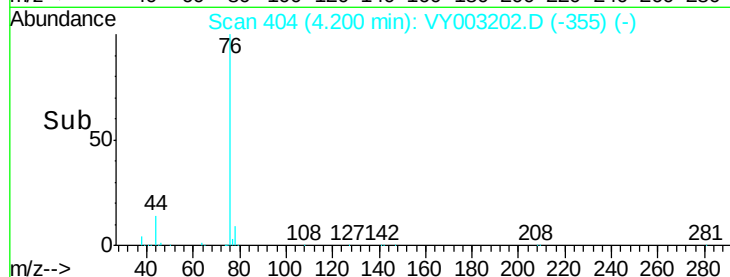
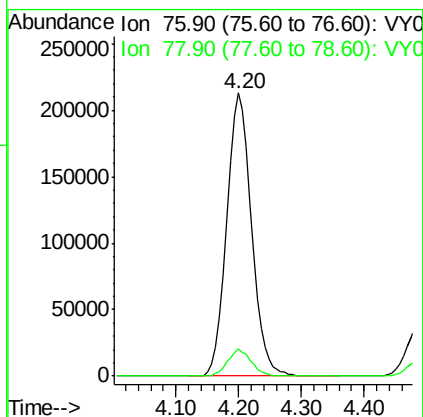
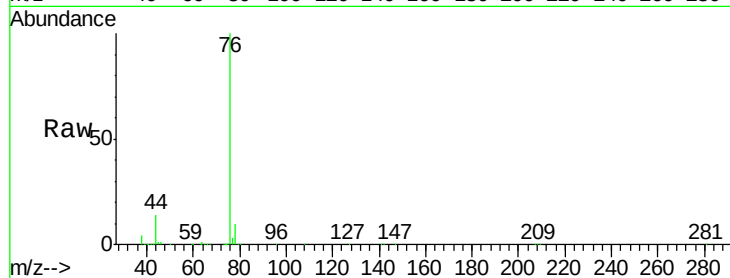
78 9.5 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 49.300 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003202.D

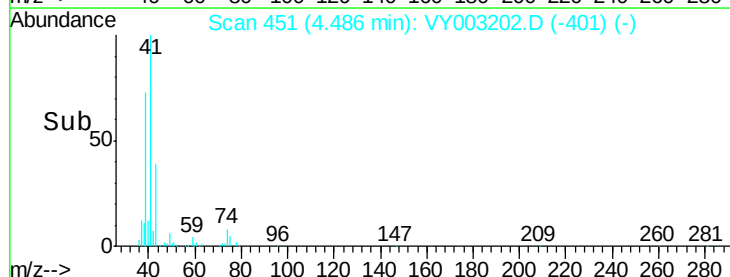
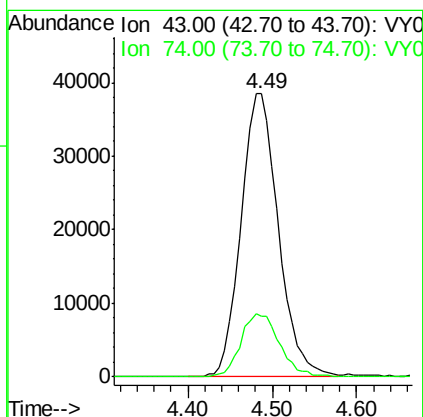
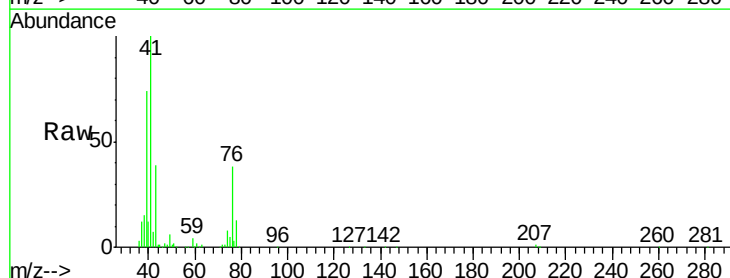
Acq: 16 Jul 2020 10:37

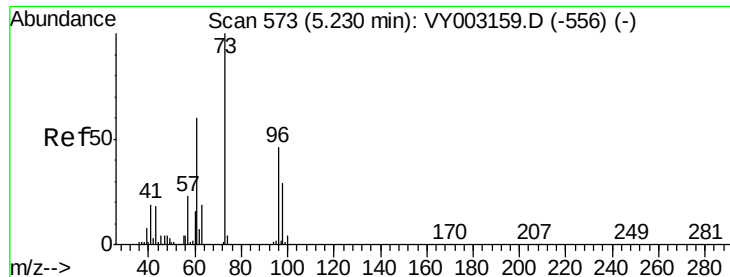
Tgt Ion: 43 Resp: 115547

Ion Ratio Lower Upper

43 100

74 23.3 20.8 31.2





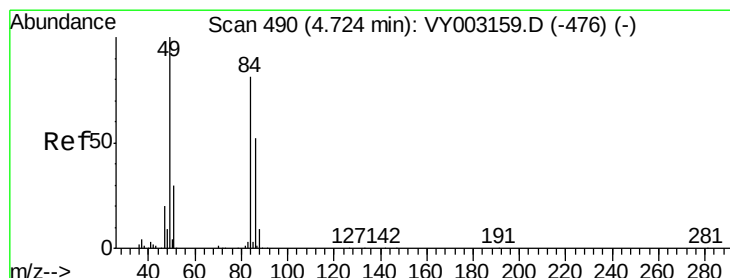
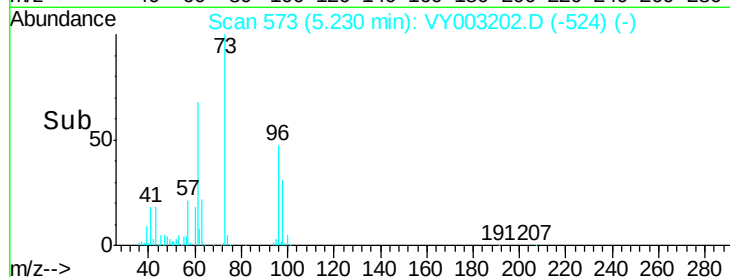
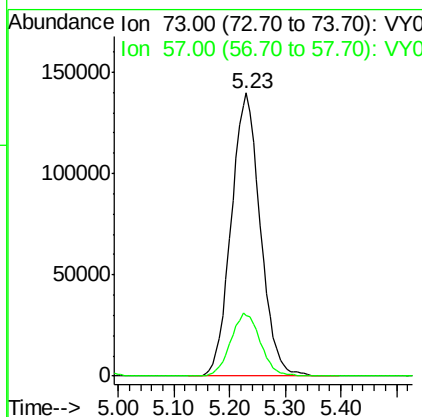
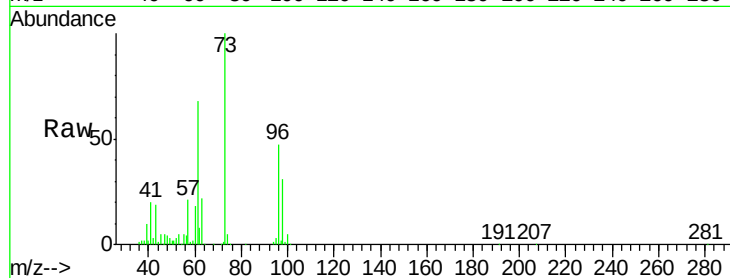
#19
Methyl tert-butyl Ether
Concen: 48.436 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.1	27.1

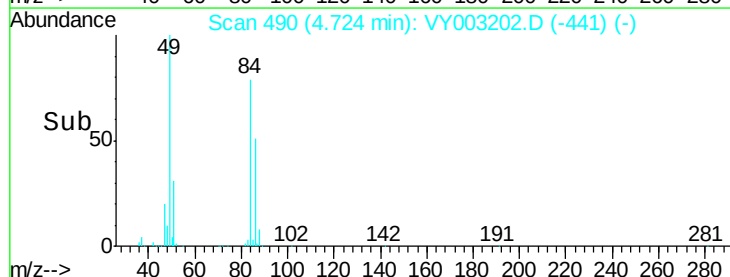
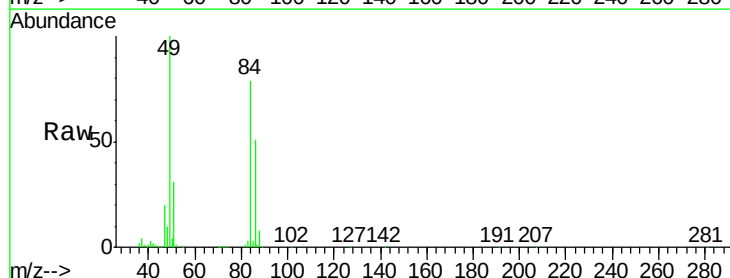
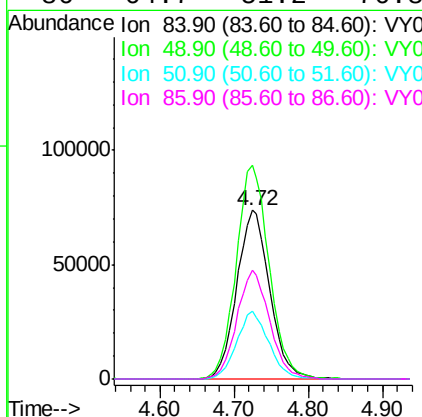
Manual Integrations
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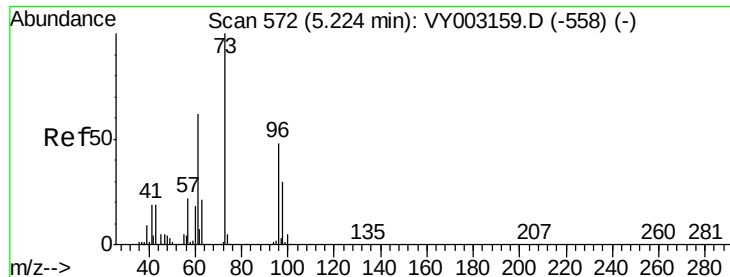
MMDadoda
7/17/2020 4:43:04 PM



#20
Methylene Chloride
Concen: 54.382 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	98.2	147.4
51	39.9	29.8	44.6
86	64.7	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 49.903 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 210252

Ion Ratio Lower Upper

96 100

61 140.2 102.5 153.7

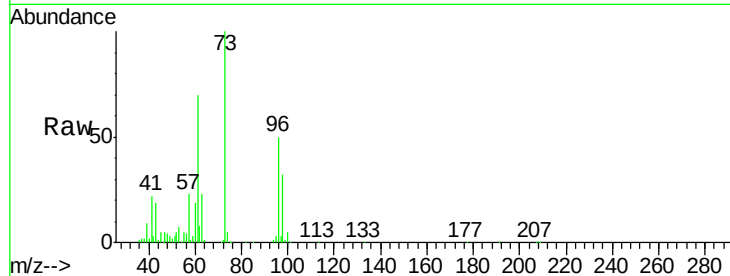
98 64.3 49.8 74.8

Manual Integrations

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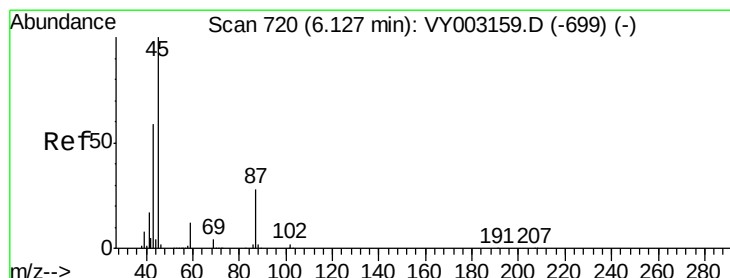
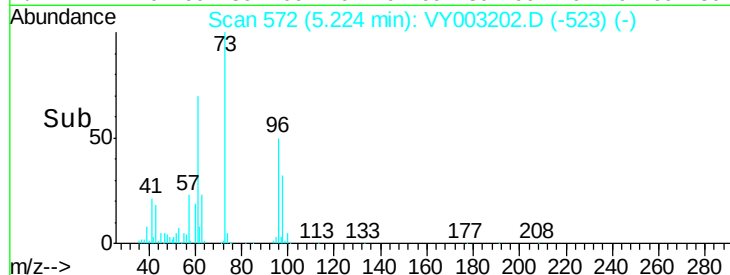
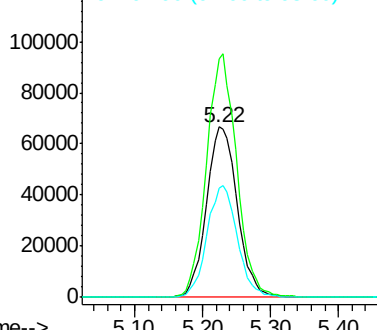


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.494 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion: 45 Resp: 668480

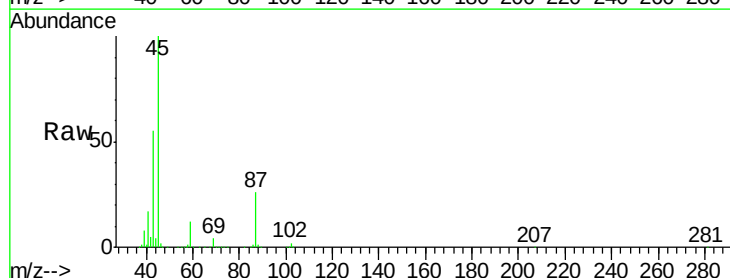
Ion Ratio Lower Upper

45 100

43 54.8 47.0 70.4

87 25.5 22.6 33.8

59 11.5 9.8 14.6



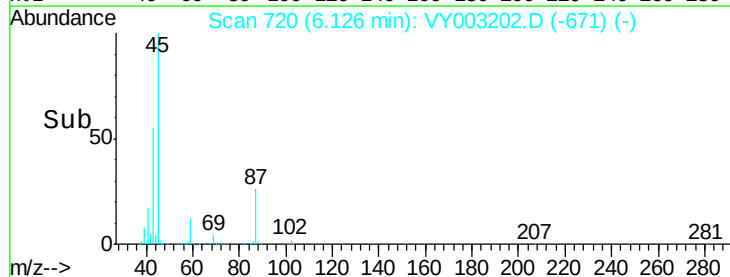
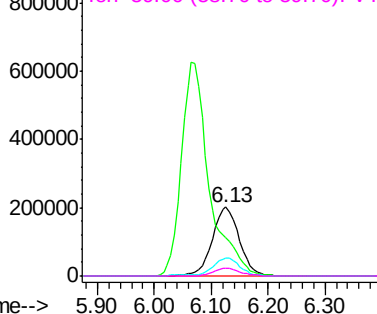
Abundance

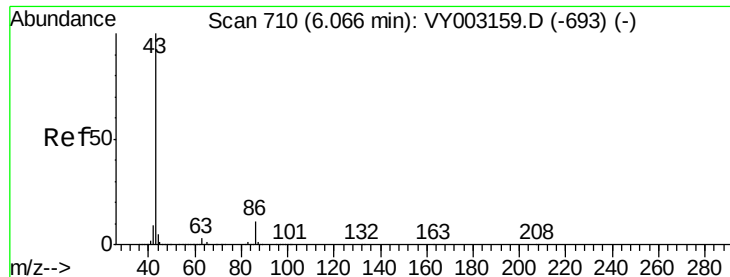
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 259.706 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2123436

Ion Ratio Lower Upper

43 100

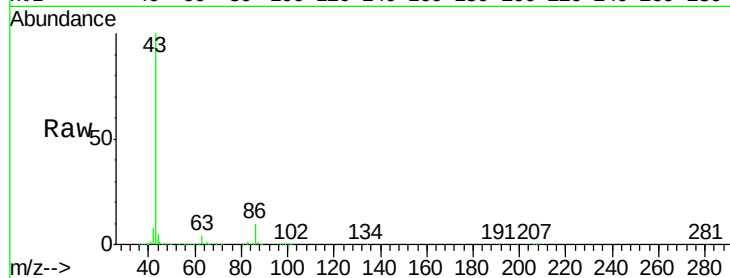
86 10.4 8.8 13.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

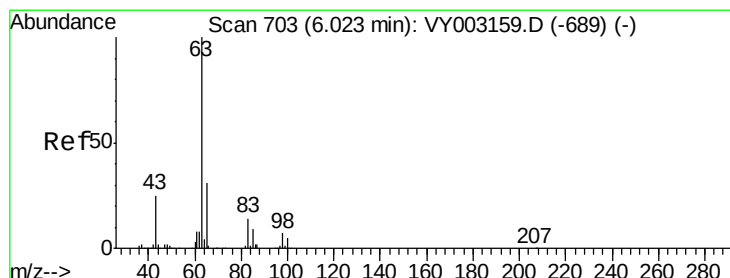
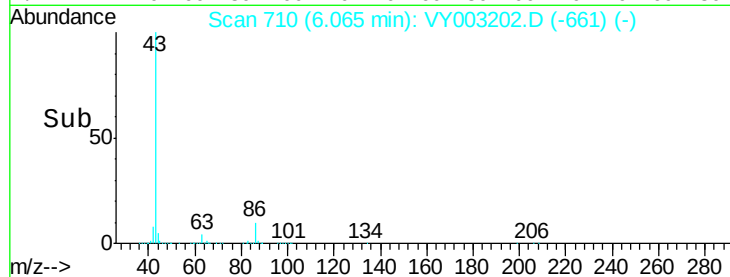
6.07

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.386 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

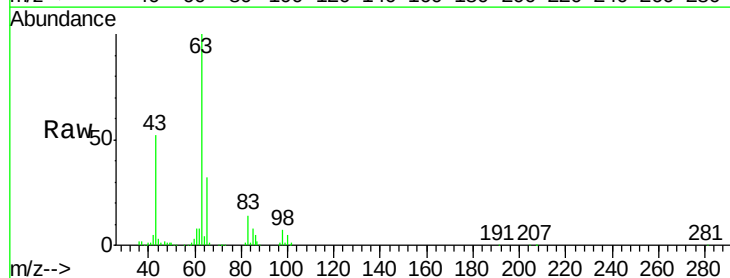
Tgt Ion: 63 Resp: 372302

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.7 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

6.03

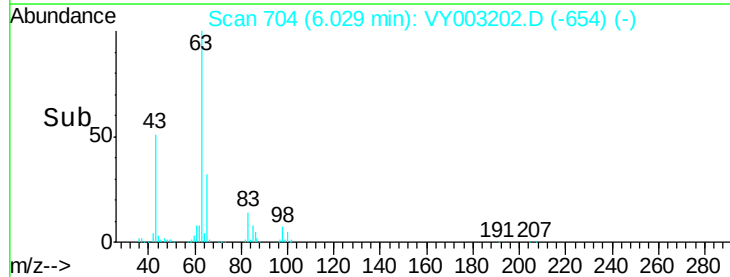
150000

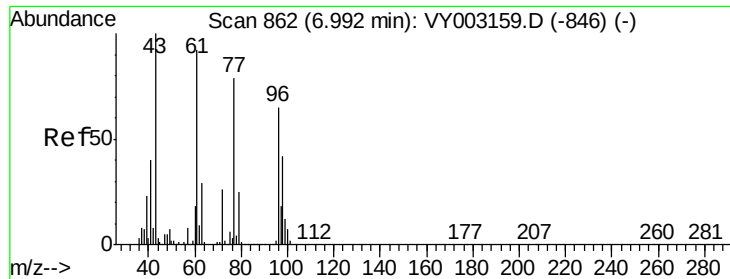
100000

50000

0

Time-->





#25

2-Butanone

Concen: 249.747 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 346072

Ion Ratio Lower Upper

43 100

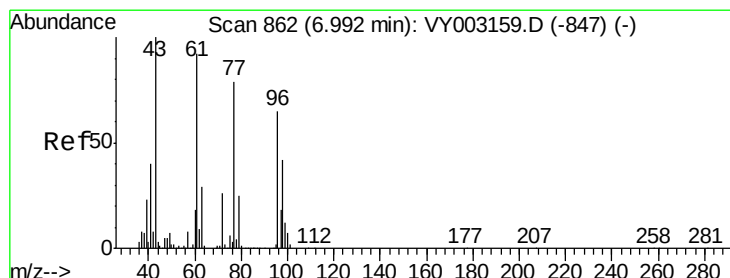
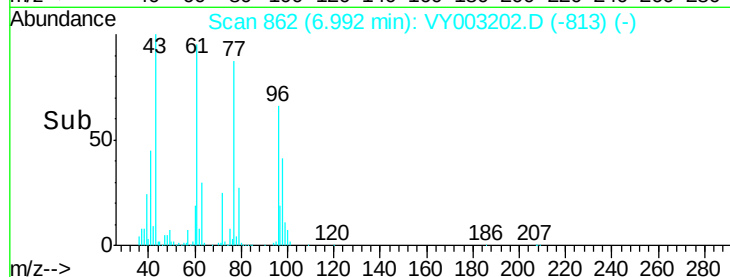
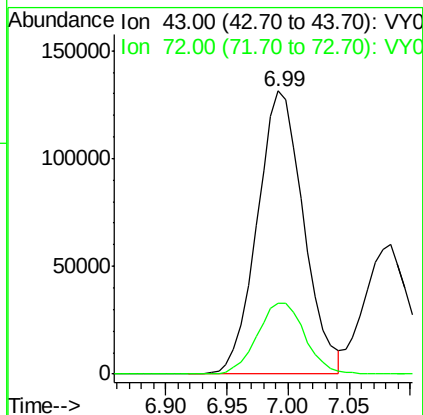
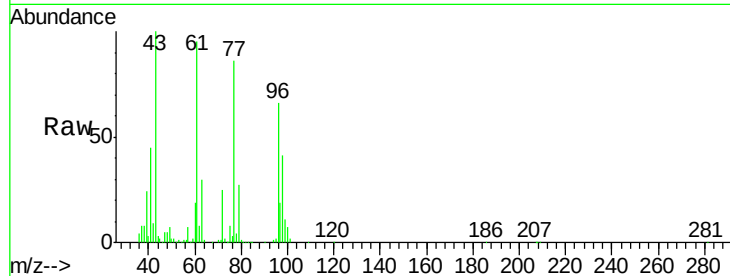
72 25.1 20.9 31.3

Manual Integrations

APPROVED

MMDadoda

7/17/2020 4:43:04 PM



#26

2,2-Dichloropropane

Concen: 53.317 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003202.D

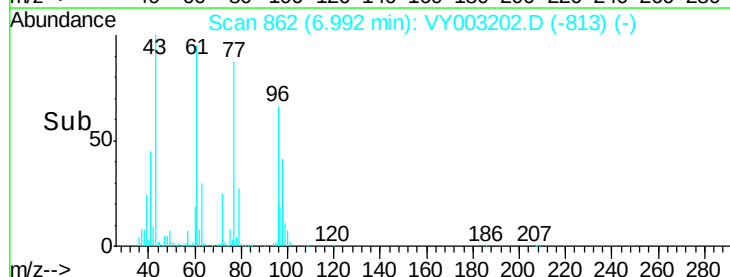
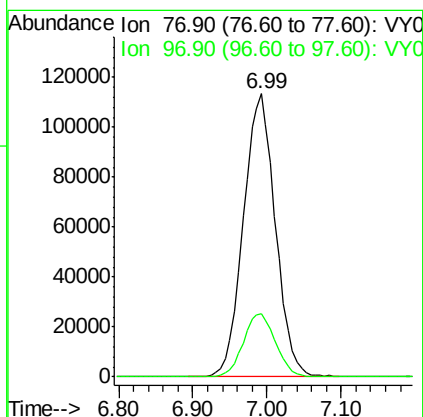
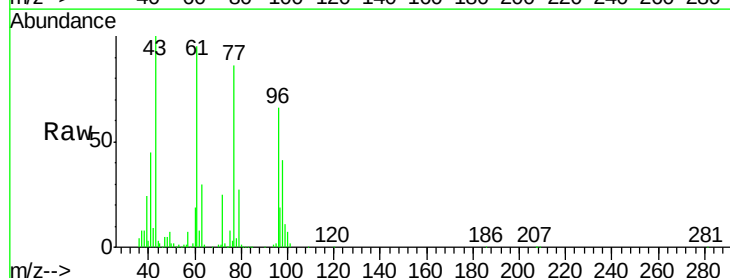
Acq: 16 Jul 2020 10:37

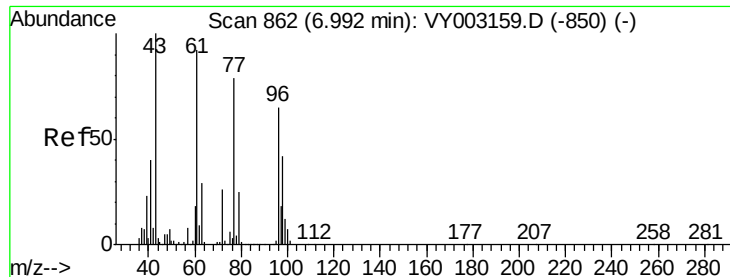
Tgt Ion: 77 Resp: 341248

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

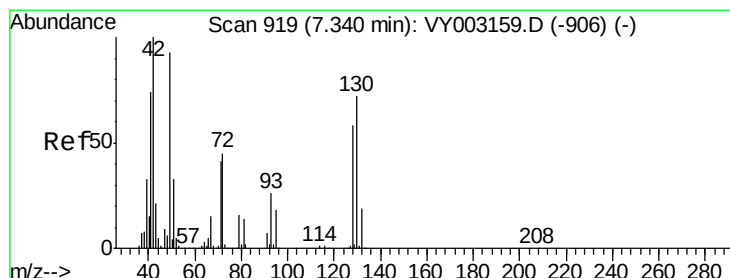
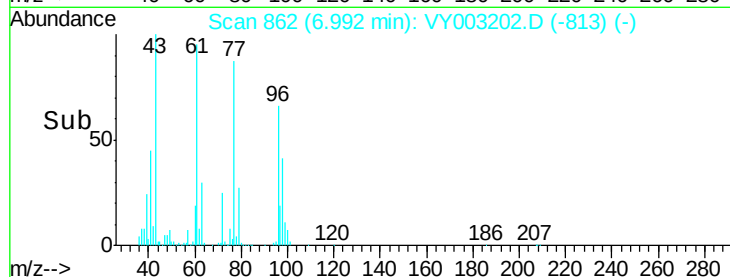
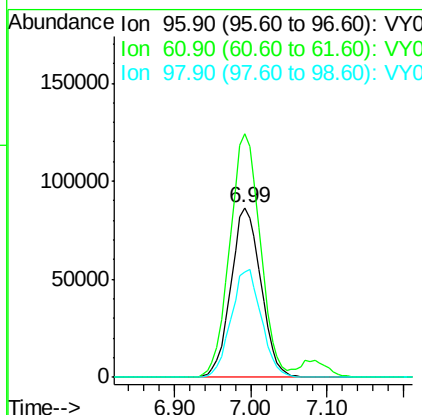
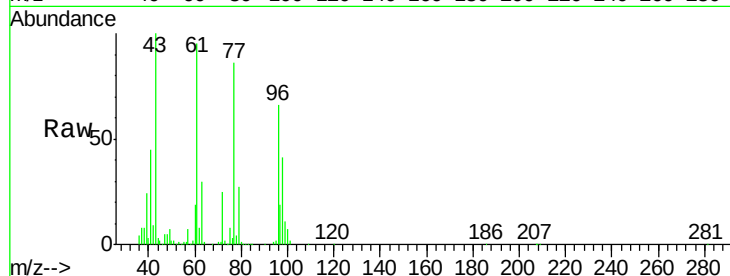
cis-1,2-Dichloroethene
Concen: 50.654 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	281.2
98	64.0	0.0	129.8

Manual Integrations
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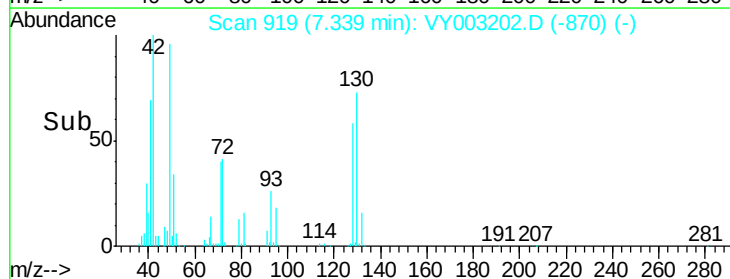
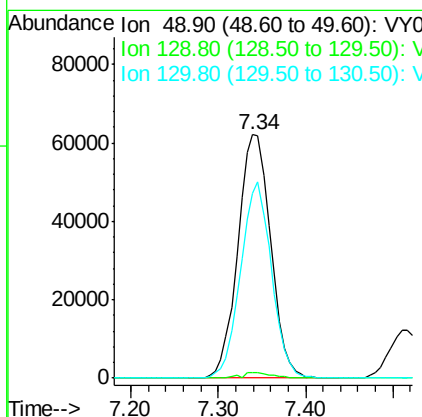
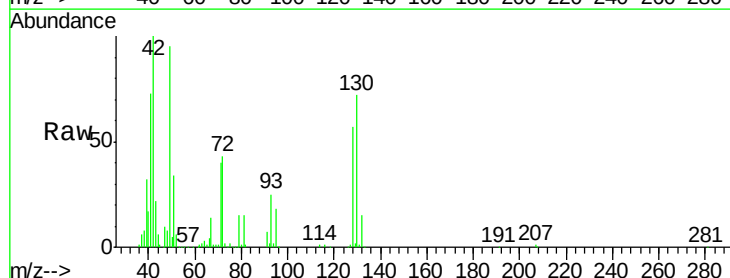
MMDadoda
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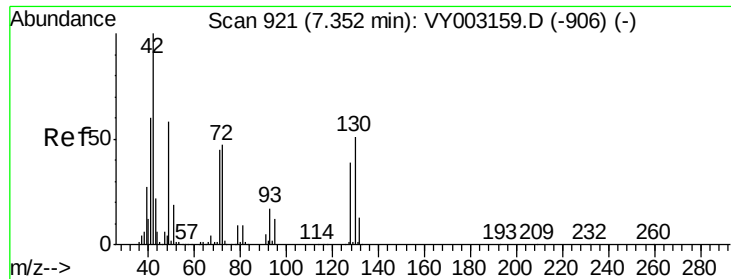


#28

Bromochloromethane
Concen: 52.592 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	75.6	64.9	97.3





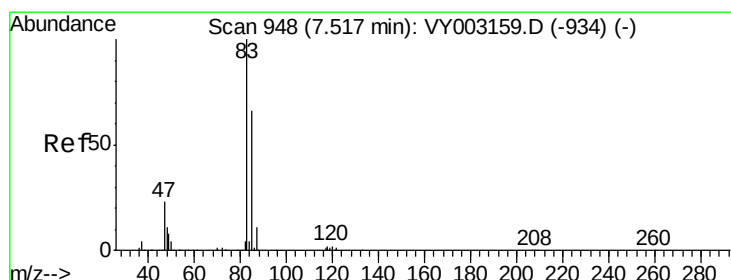
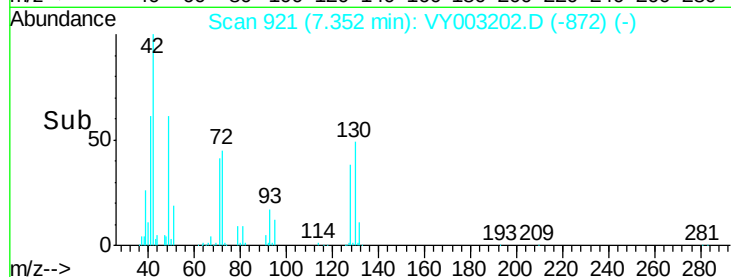
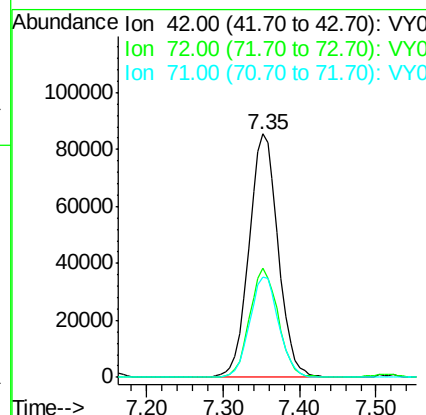
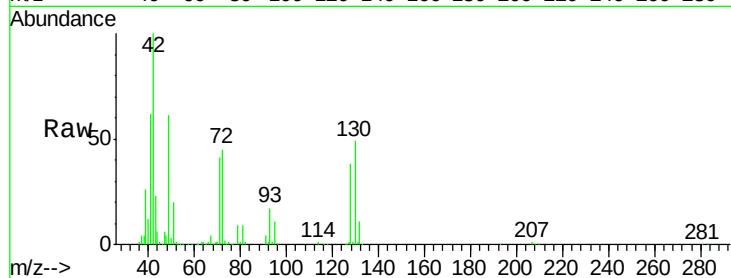
#29
Tetrahydrofuran
Concen: 243.871 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.7	55.1
71	41.0	34.2	51.4

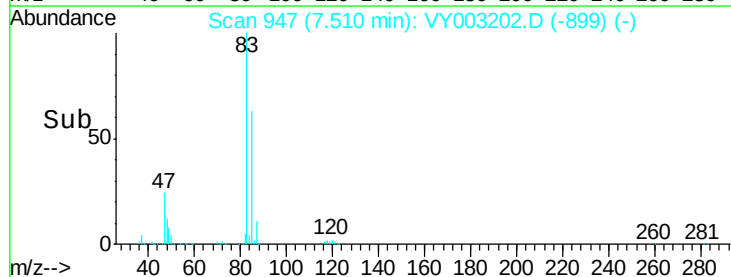
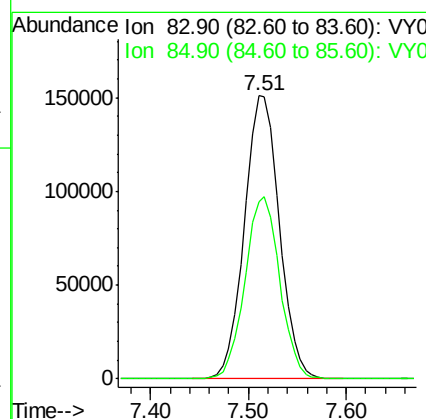
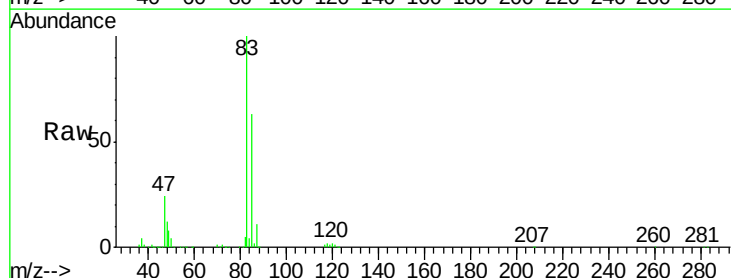
Manual Integrations
APPROVED

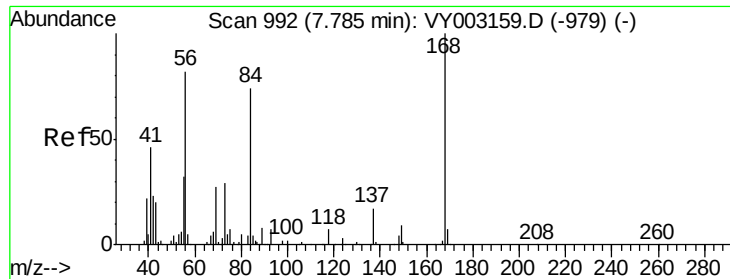
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#30
Chloroform
Concen: 51.252 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.6	78.8





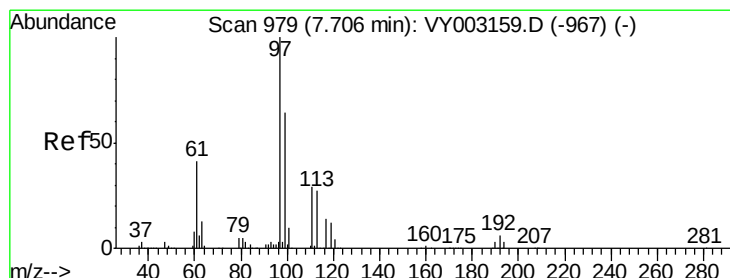
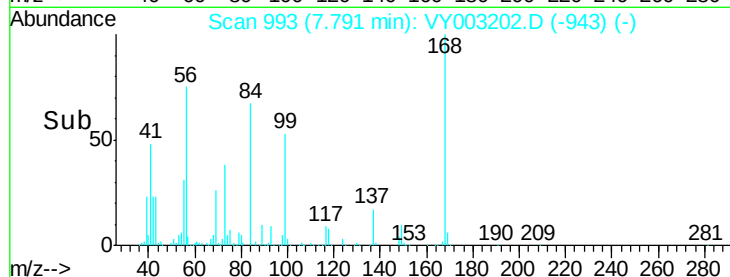
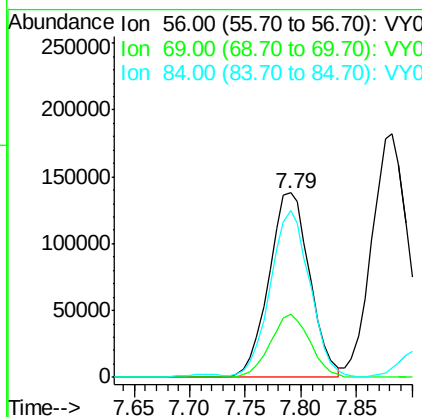
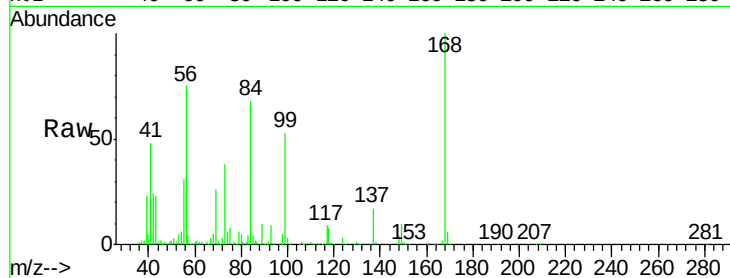
#31
Cyclohexane
Concen: 51.273 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.7	40.1
84	89.6	72.3	108.5

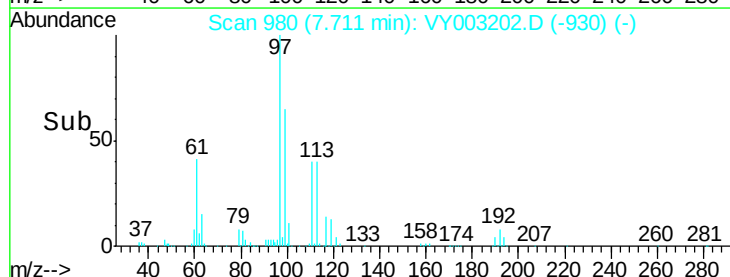
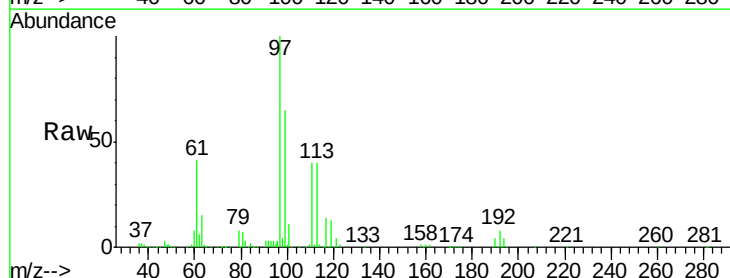
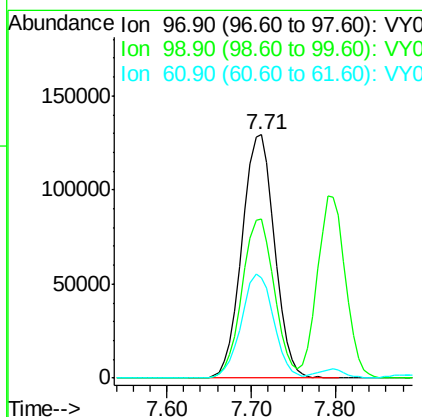
Manual Integrations
APPROVED

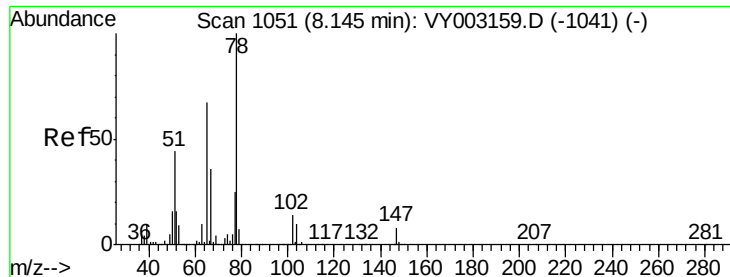
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#32
1,1,1-Trichloroethane
Concen: 51.295 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.1	78.1
61	42.4	33.9	50.9





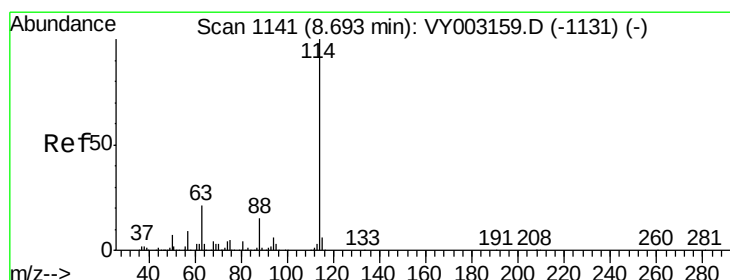
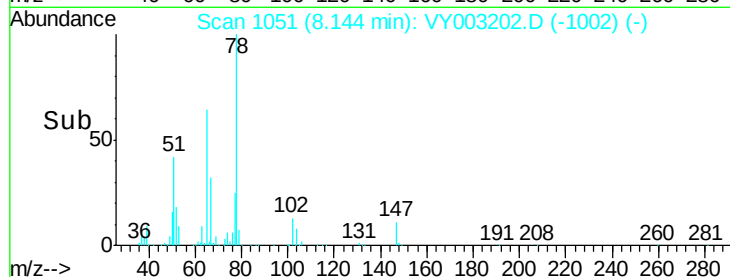
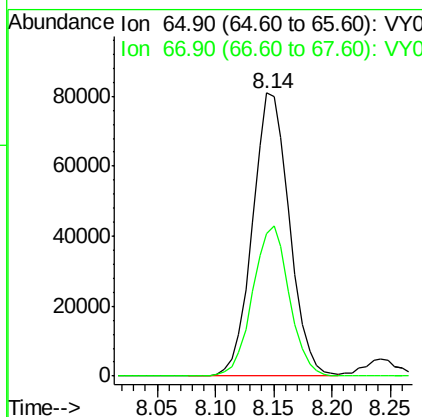
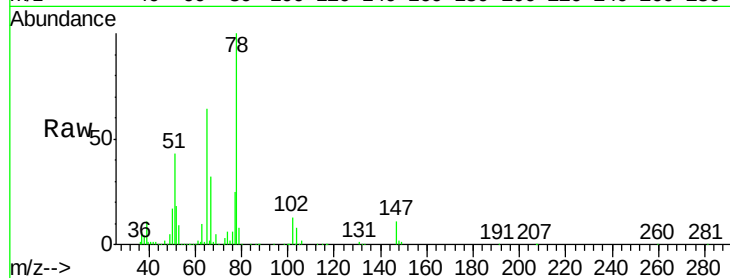
#33
 1,2-Dichloroethane-d4
 Concen: 47.138 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178099		
67	52.8	0.0	105.2	

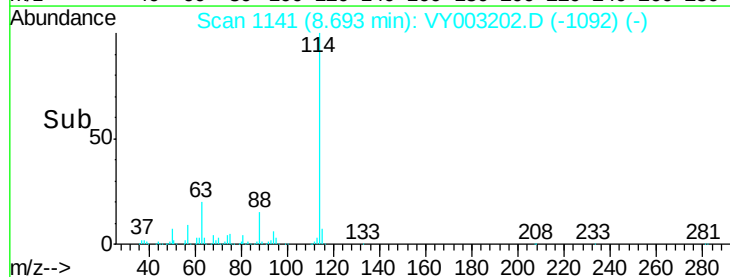
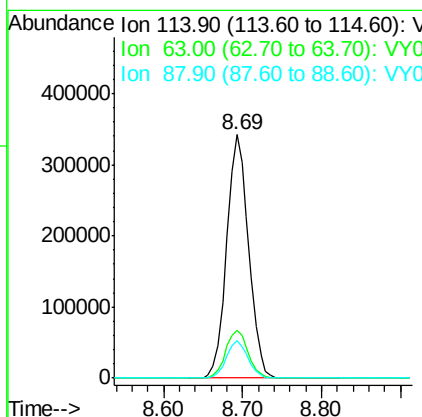
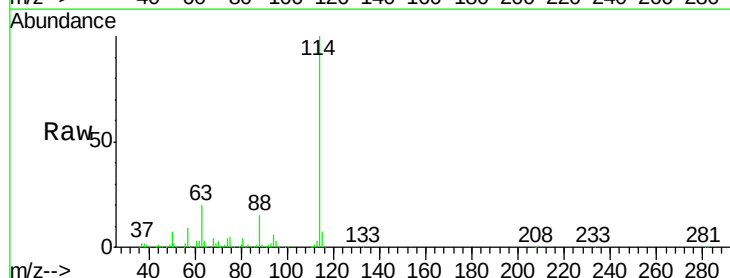
Manual Integrations
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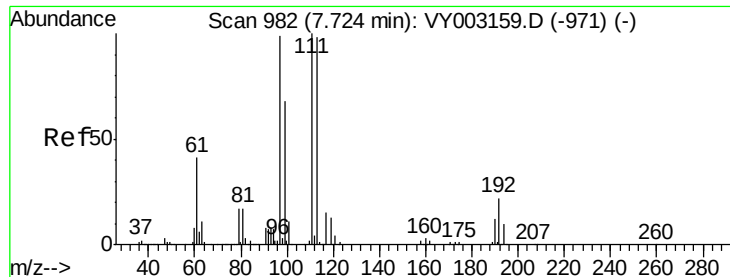
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	656850		
63	19.7	0.0	41.2	
88	15.2	0.0	30.2	





#35

Dibromofluoromethane

Concen: 45.331 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

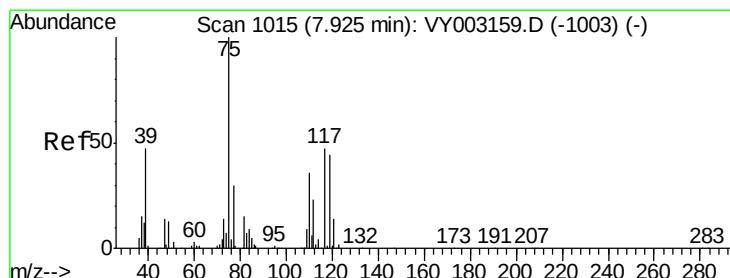
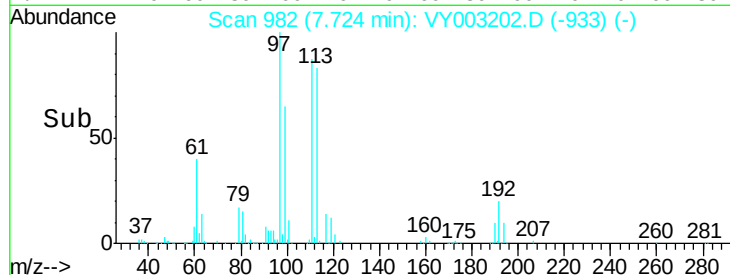
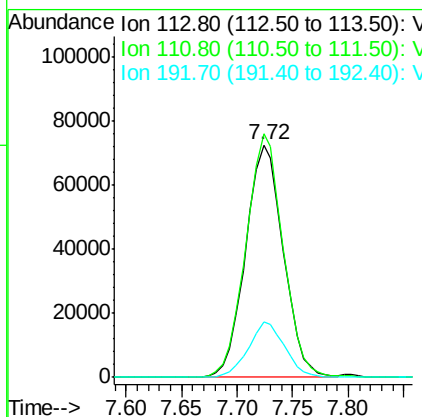
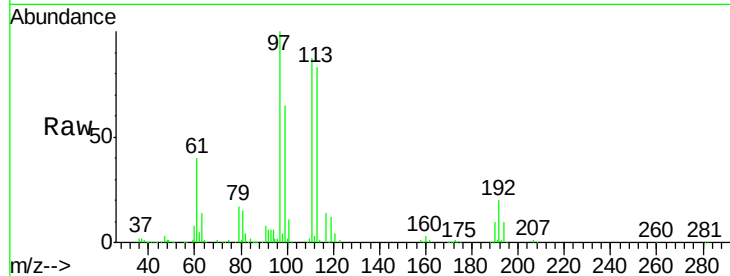
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	171350
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.1	123.1
192	22.9	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.924 ug/l

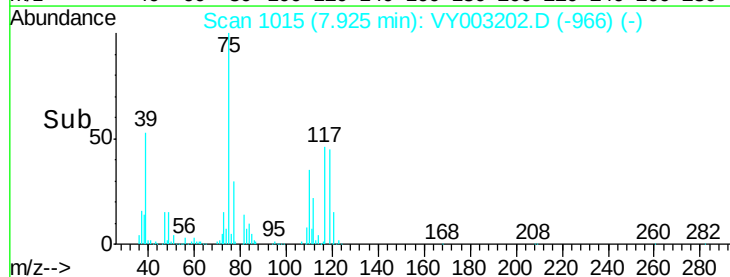
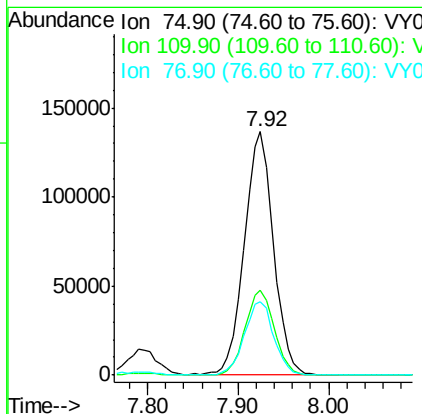
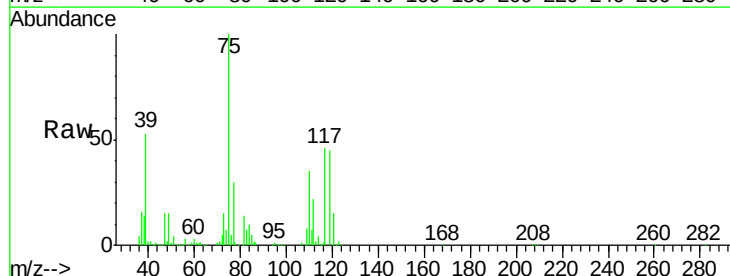
RT: 7.92 min Scan# 1015

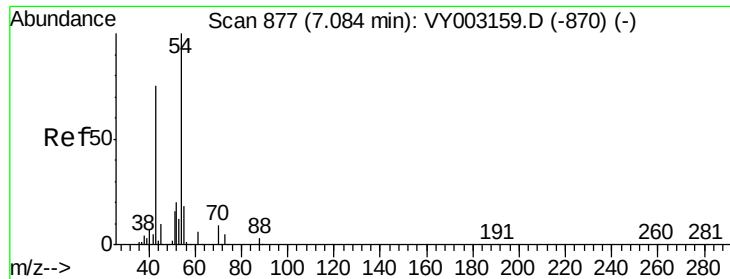
Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion:	75	Resp:	303164
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.1	54.1
77	30.7	24.8	37.2





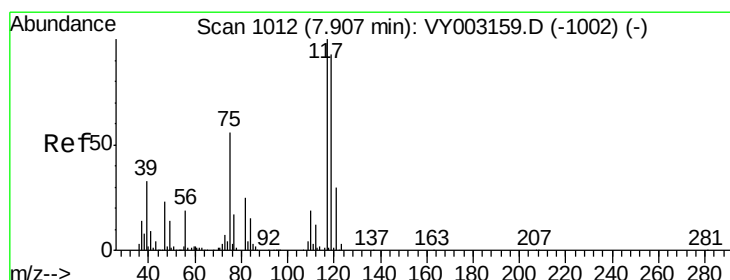
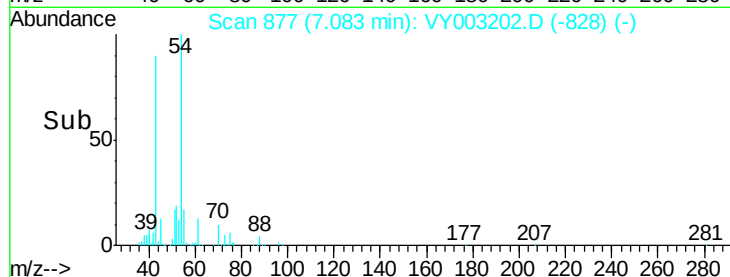
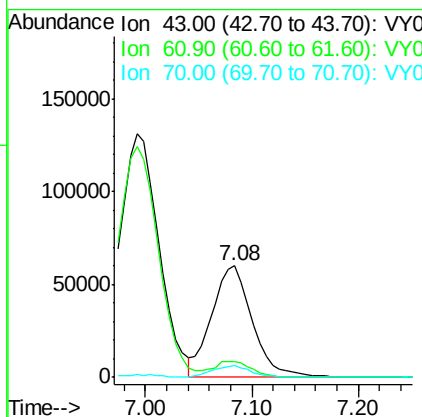
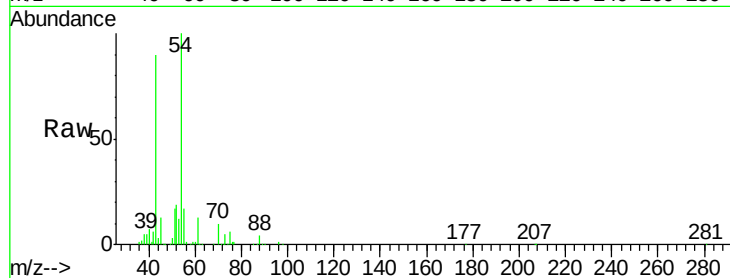
#37
Ethyl Acetate
Concen: 49.308 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	10.3	8.6	13.0

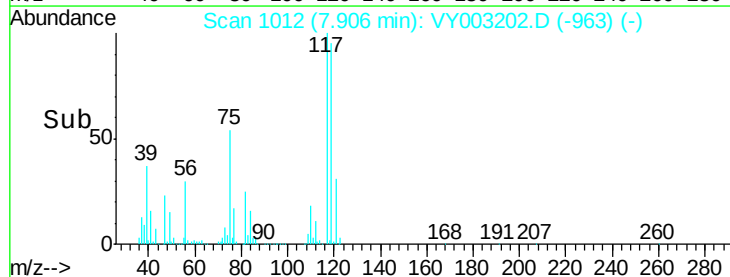
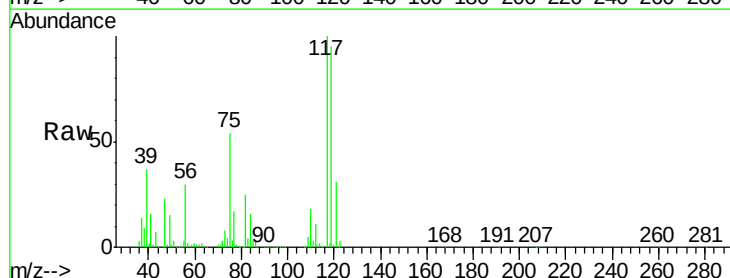
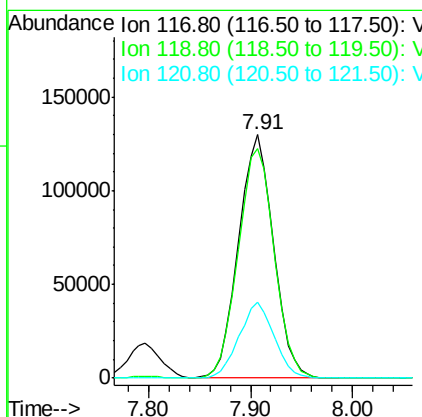
Manual Integrations
APPROVED

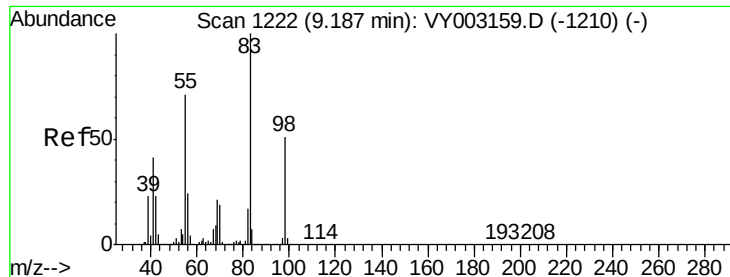
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#38
Carbon Tetrachloride
Concen: 50.372 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.5	111.7
121	31.3	24.2	36.2





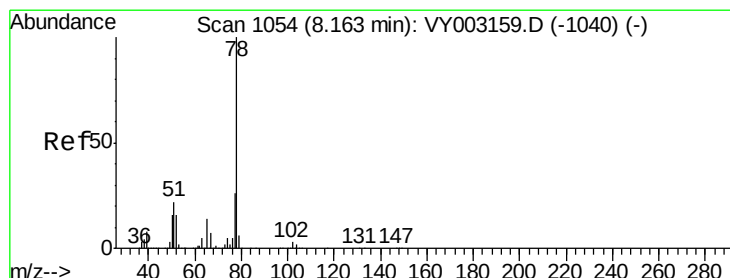
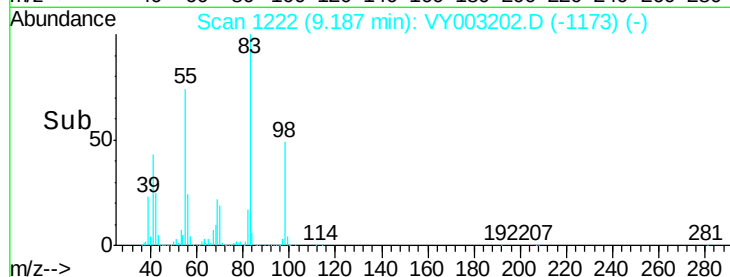
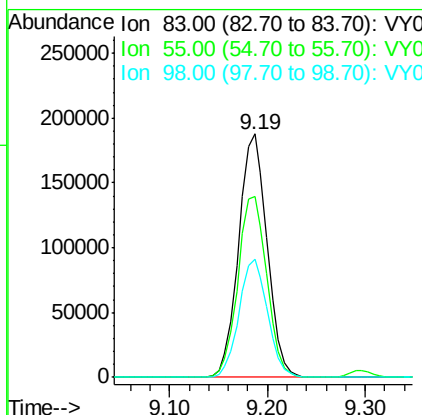
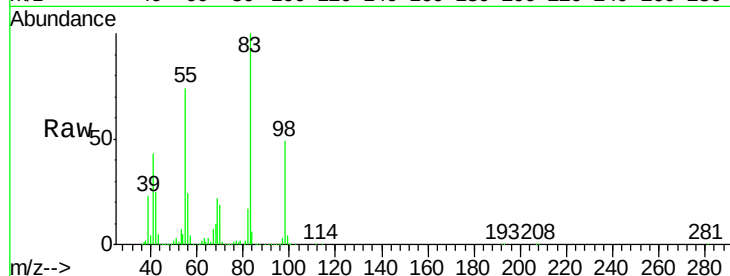
#39
Methylvlcyclohexane
Concen: 50.651 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	57.2	85.8
98	48.6	41.0	61.6

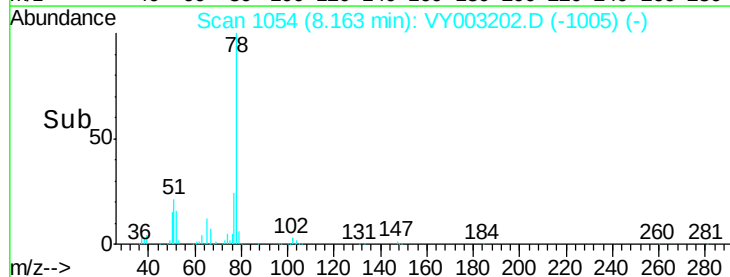
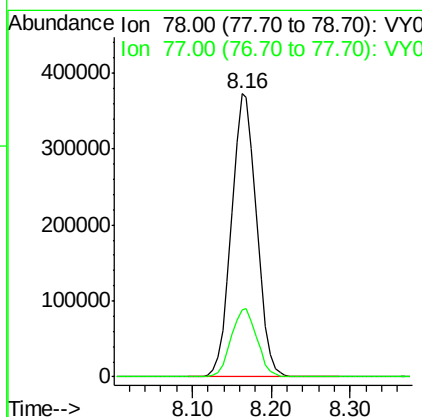
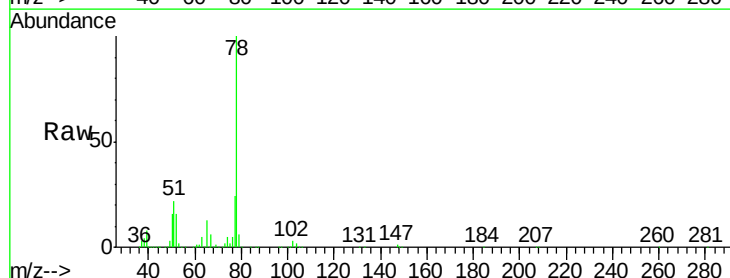
Manual Integrations
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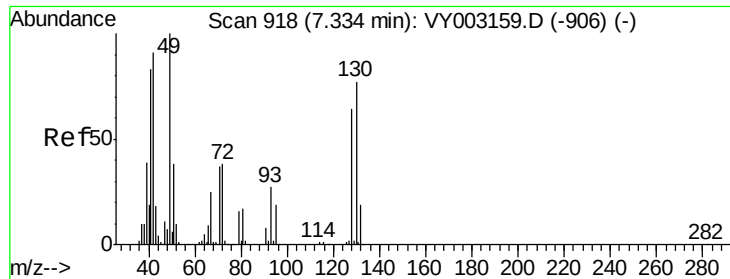
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#40
Benzene
Concen: 50.314 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	20.7	31.1





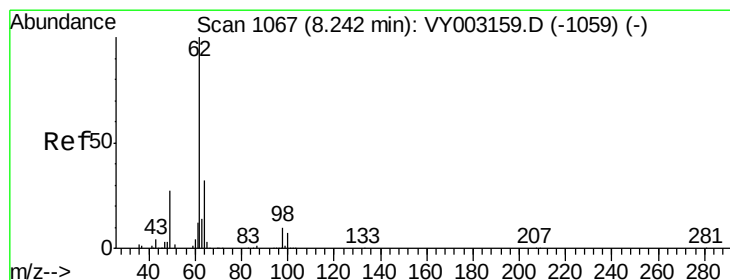
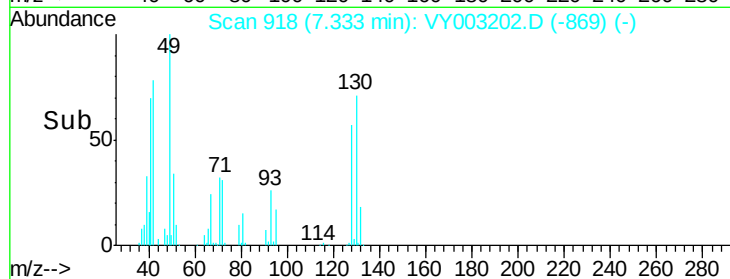
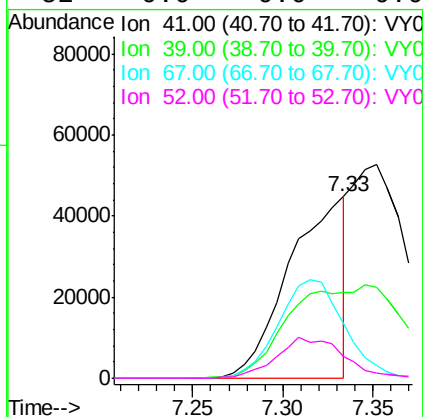
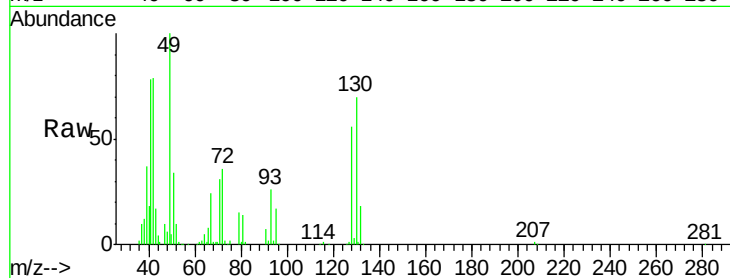
#41
Methacrylonitrile
Concen: 50.673 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot 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

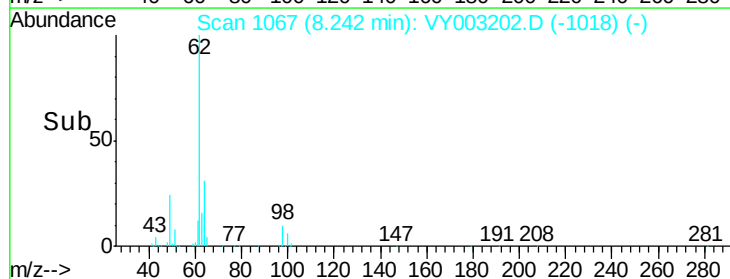
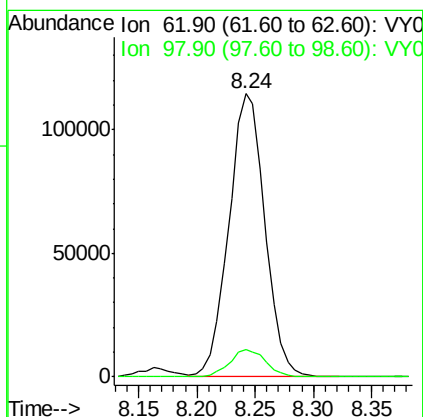
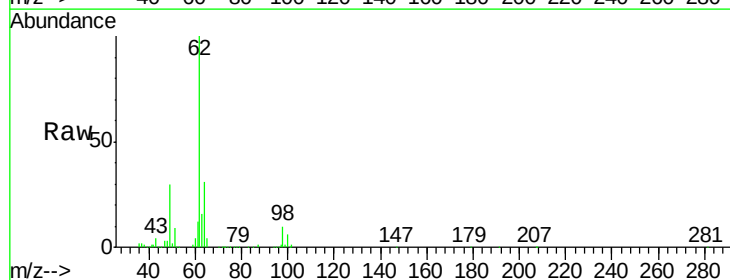
Manual Integrations
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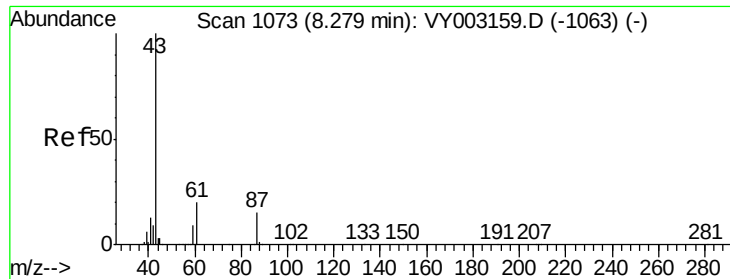
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#42
1,2-Dichloroethane
Concen: 48.886 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





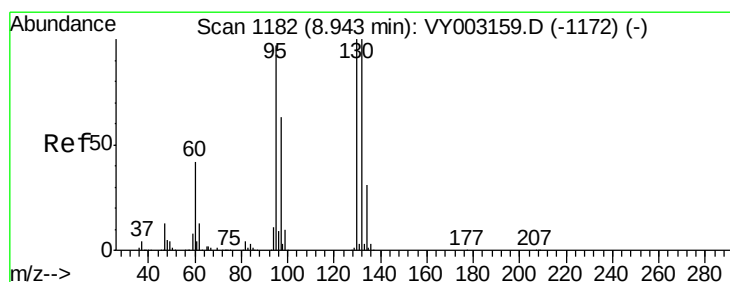
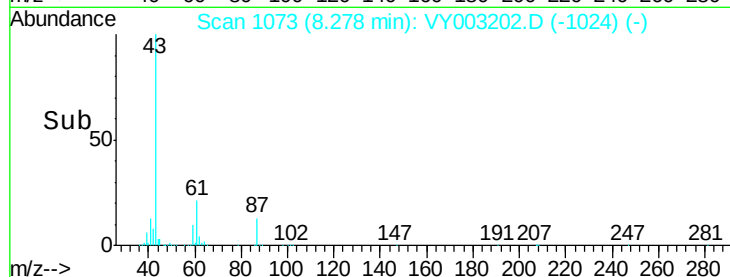
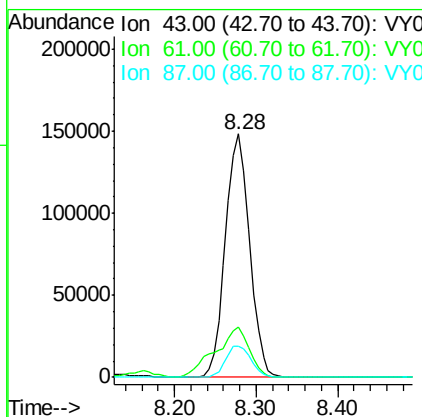
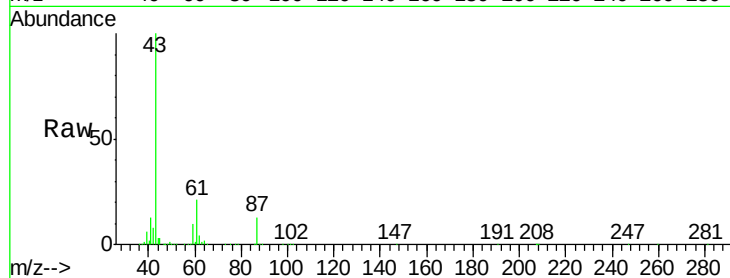
#43
Isopropyl Acetate
Concen: 48.970 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.7	35.5
87	13.4	11.4	17.0

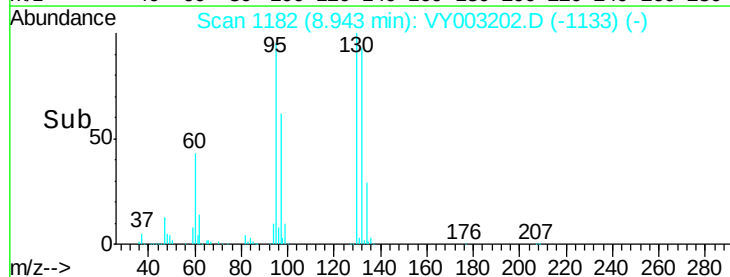
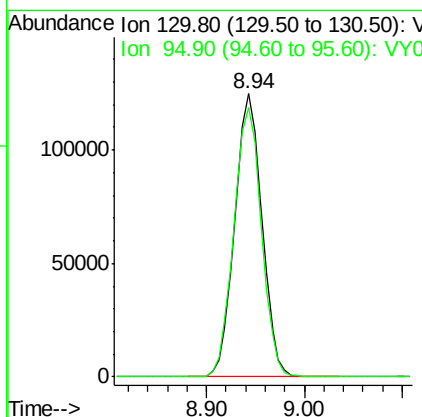
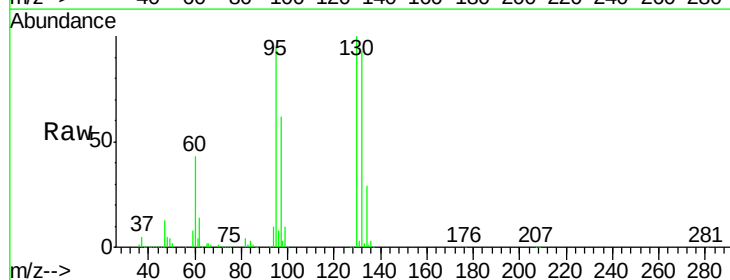
Manual Integrations
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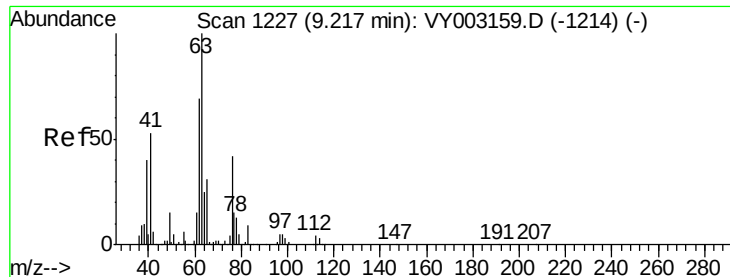
MMDadoda
7/17/2020 4:43:04 PM



#44
Trichloroethene
Concen: 48.117 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	193.8





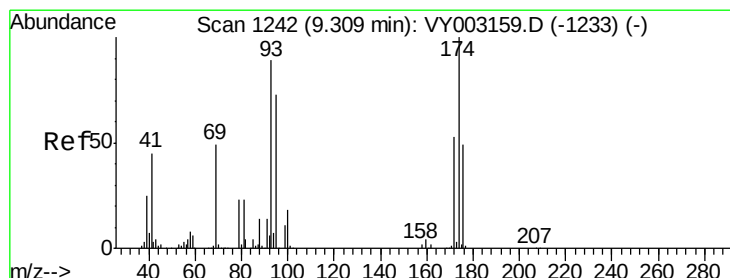
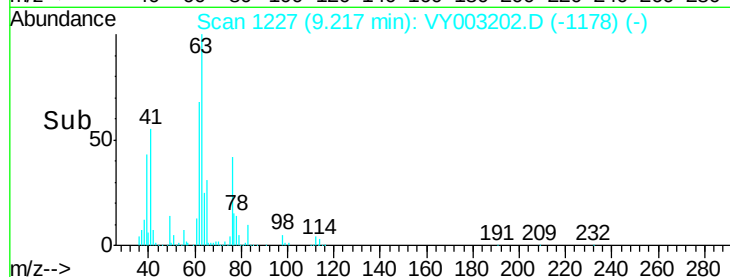
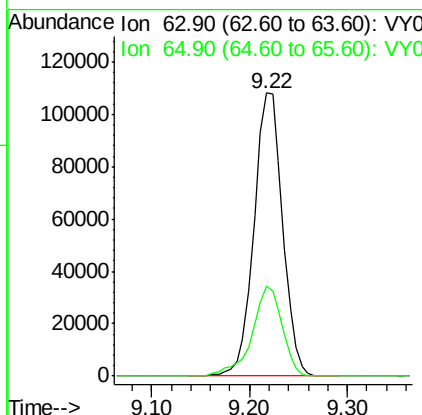
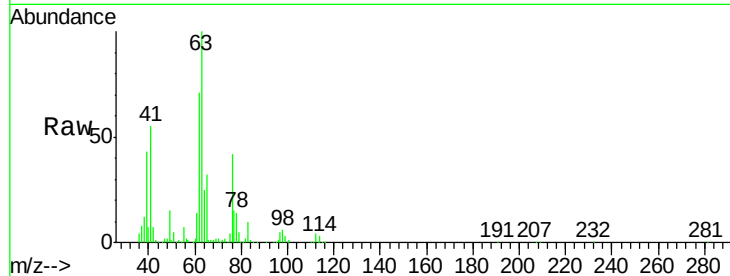
#45
 1,2-Dichloropropane
 Concen: 51.696 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.0	37.4

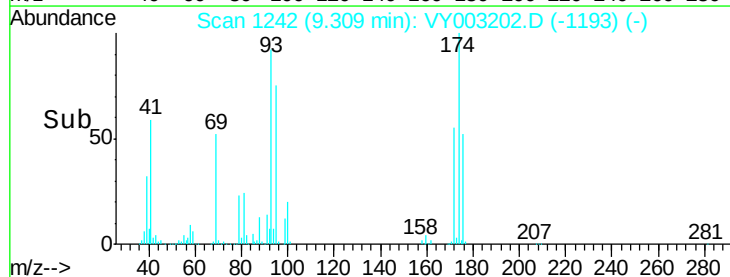
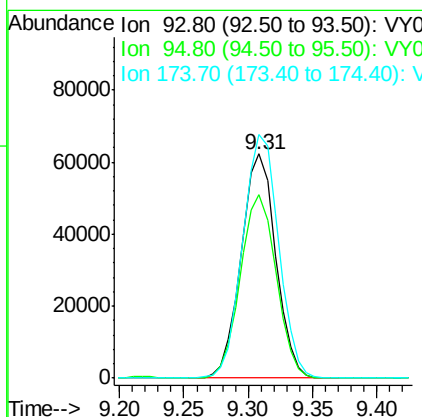
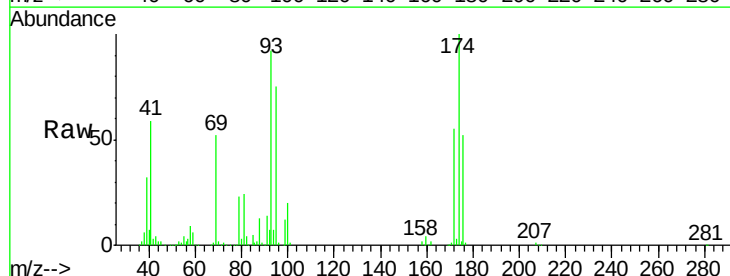
Manual Integrations
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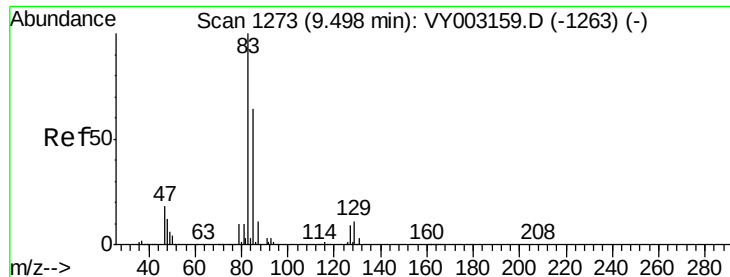
MMDadoda
 7/17/2020 4:43:04 PM



#46
 Dibromomethane
 Concen: 46.907 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.6	99.8
174	112.4	90.2	135.4





#47

Bromodichloromethane

Concen: 50.337 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

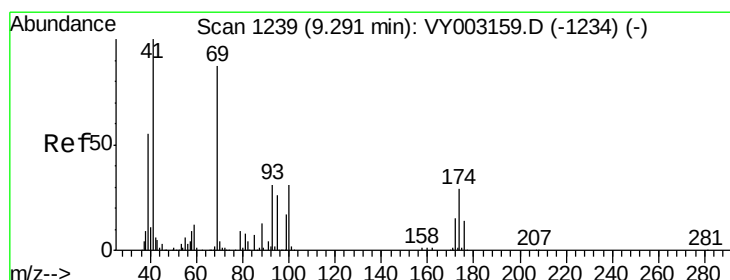
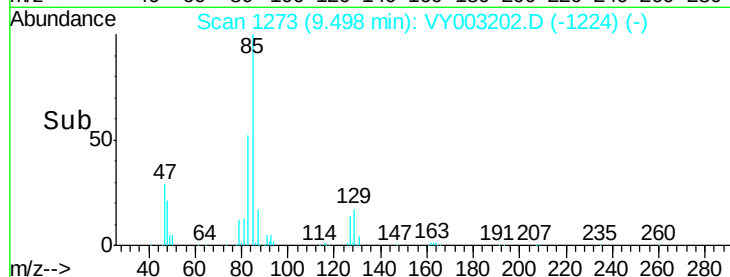
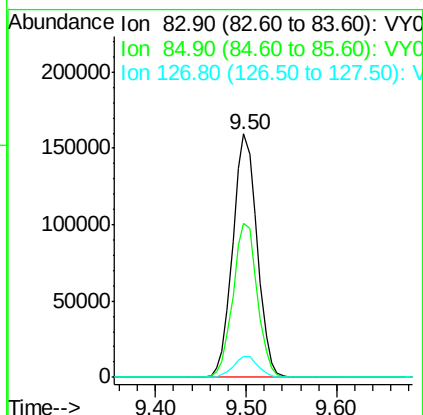
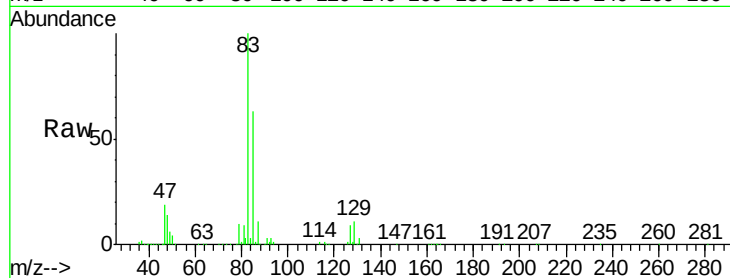
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	296583
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.9	76.3
127	8.6	7.0	10.4

Manual Integrations
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7/17/2020 4:43:04 PM



#48

Methyl methacrylate

Concen: 50.649 ug/l

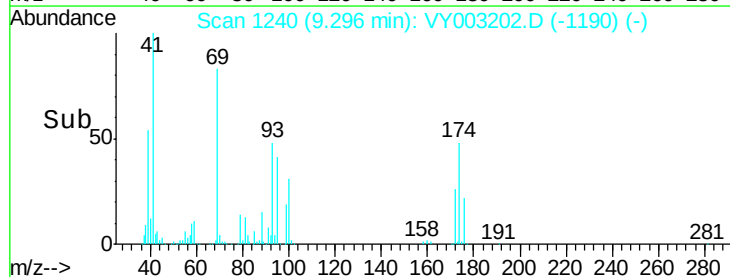
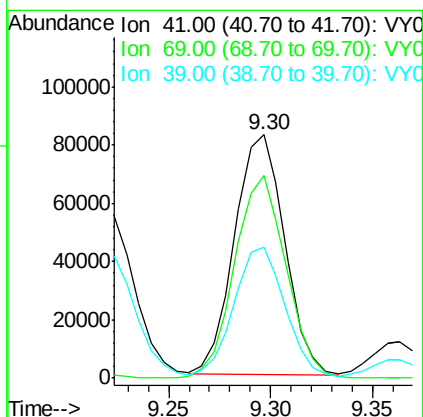
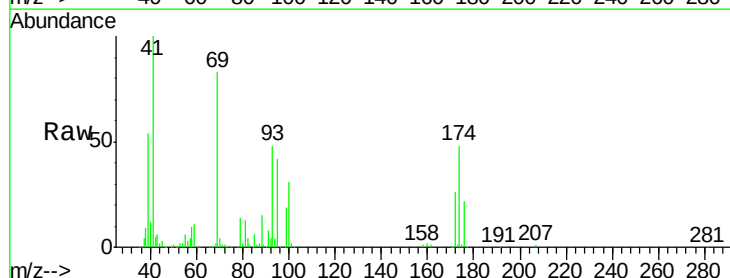
RT: 9.30 min Scan# 1240

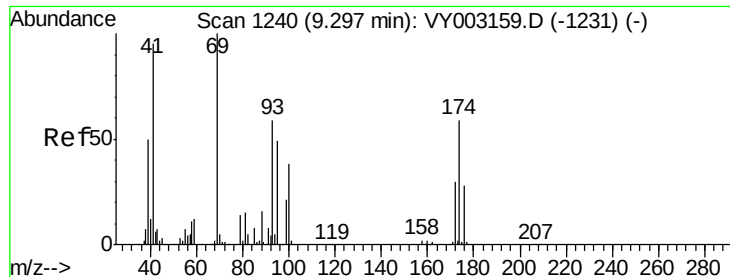
Delta R.T. 0.01 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion:	41	Resp:	140513
Ion Ratio	Lower	Upper	
41	100		
69	86.4	74.5	111.7
39	54.4	47.5	71.3





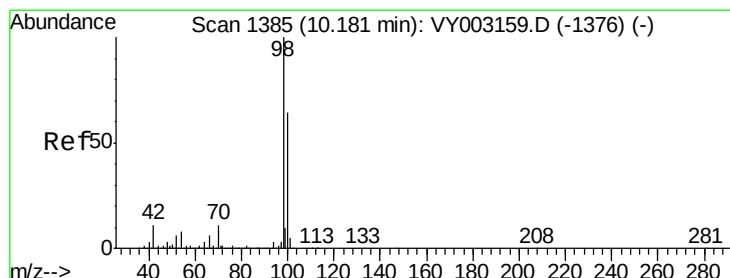
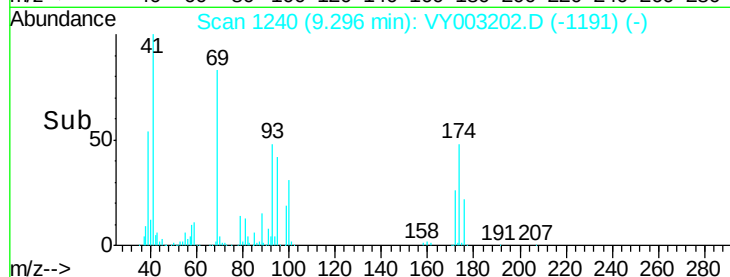
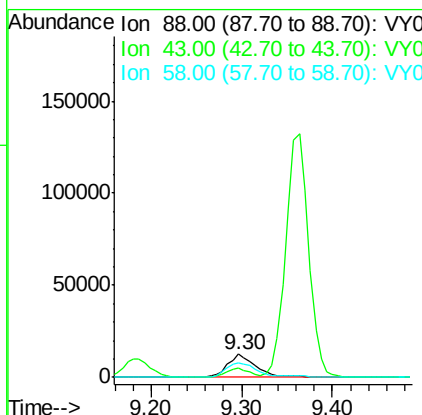
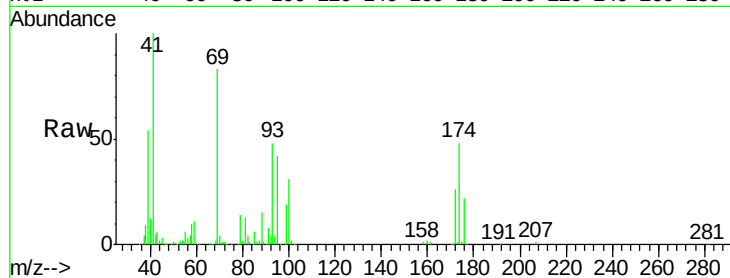
#49
1,4-Dioxane
Concen: 893.187 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	28083
Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.6	38.4
58	66.4	47.8	71.6

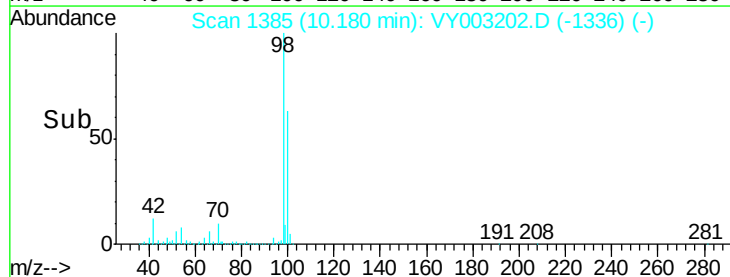
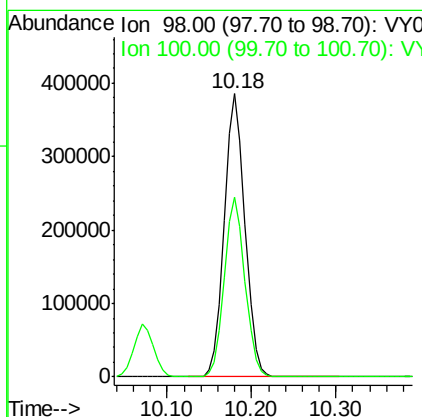
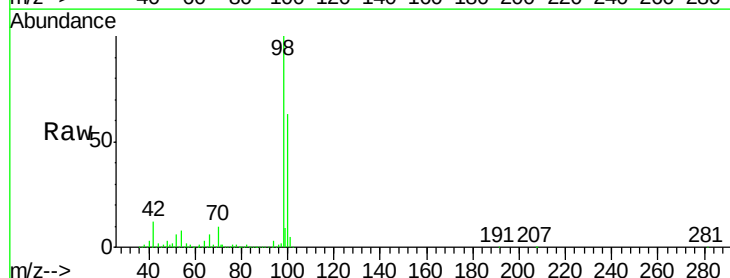
Manual Integrations
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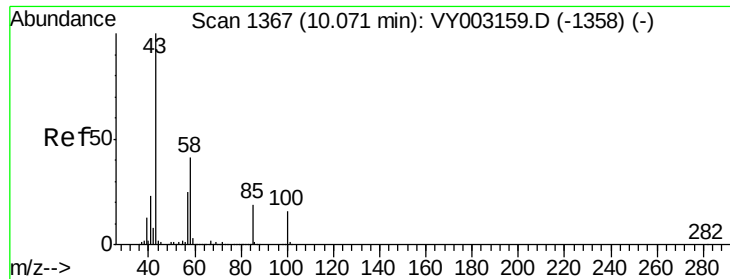
MMDadoda
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#50
Toluene-d8
Concen: 45.841 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	98	Resp	644218
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





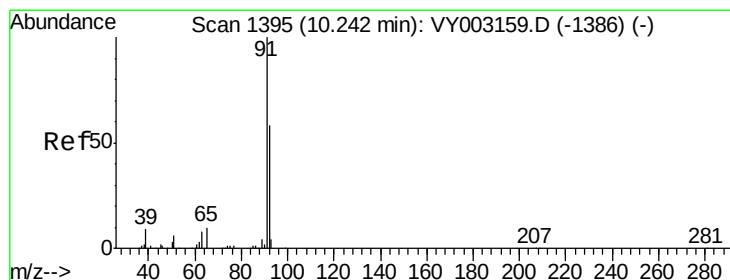
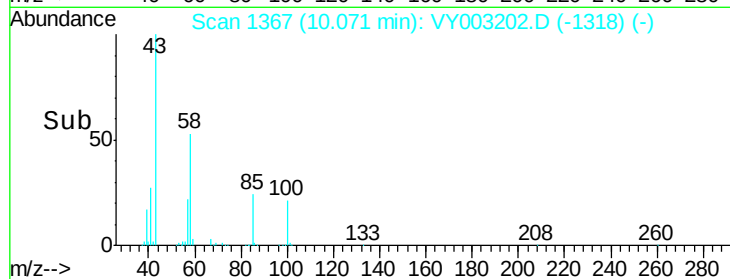
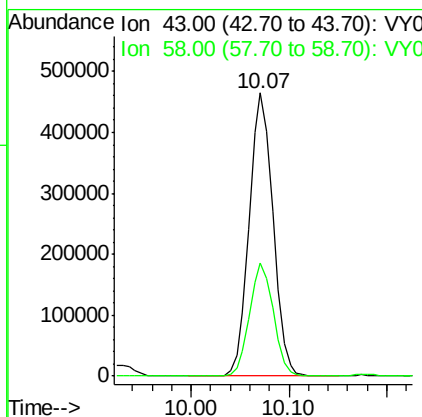
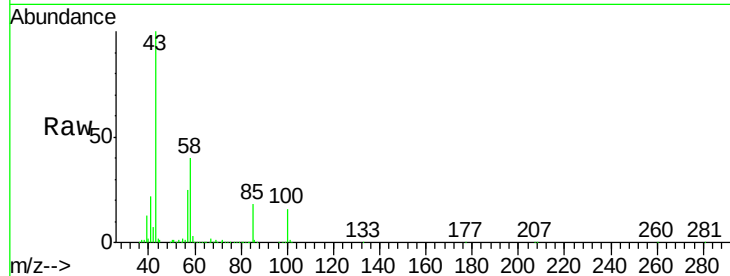
#51
4-Methyl-2-Pentanone
Concen: 243.843 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.7	49.1

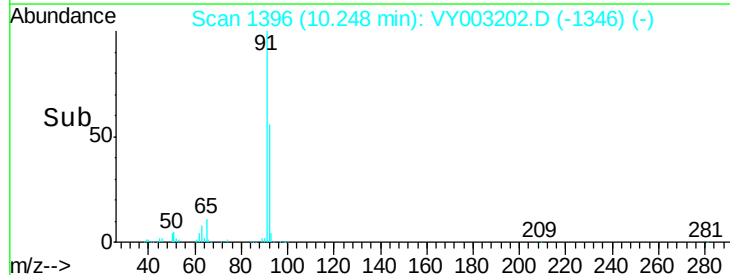
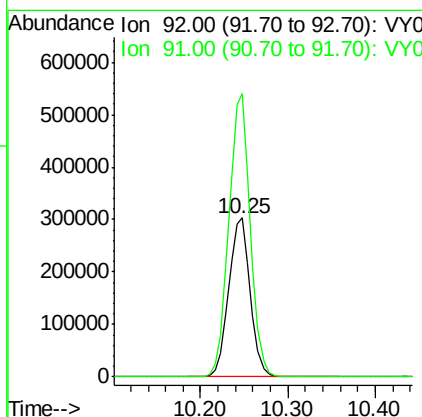
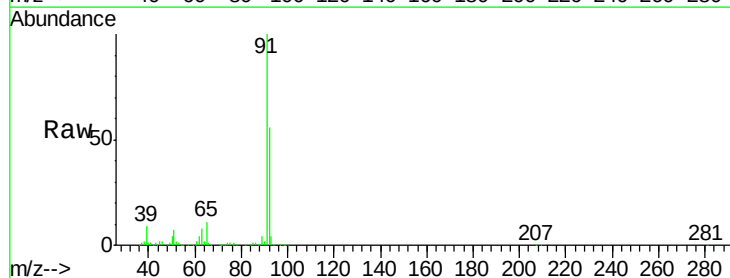
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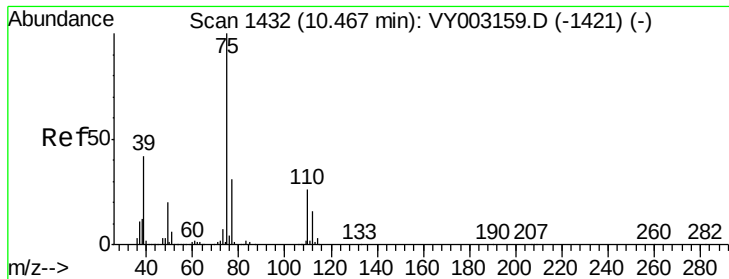
MMDadoda
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#52
Toluene
Concen: 49.181 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.7	139.7	209.5





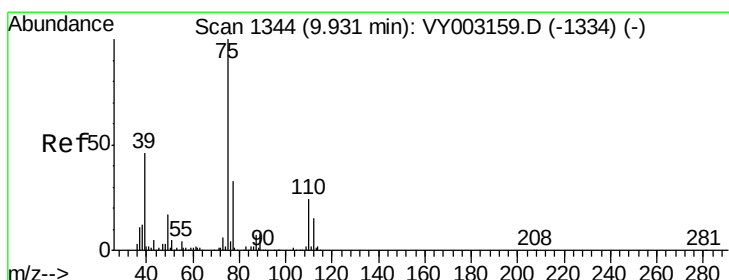
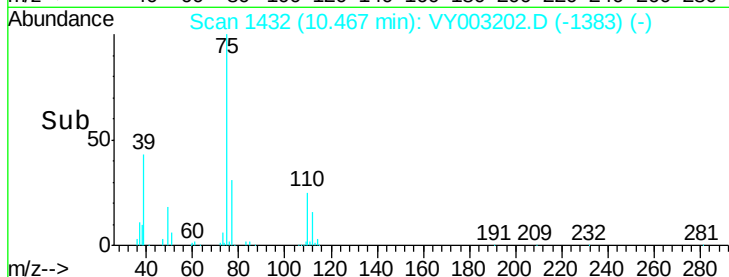
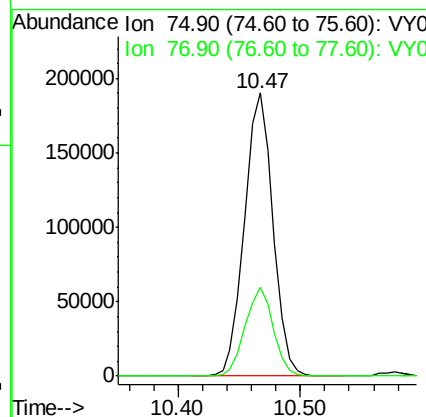
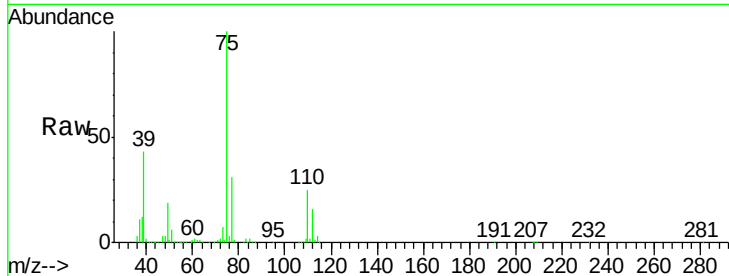
#53
t-1,3-Dichloropropene
Concen: 50.293 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 307017
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

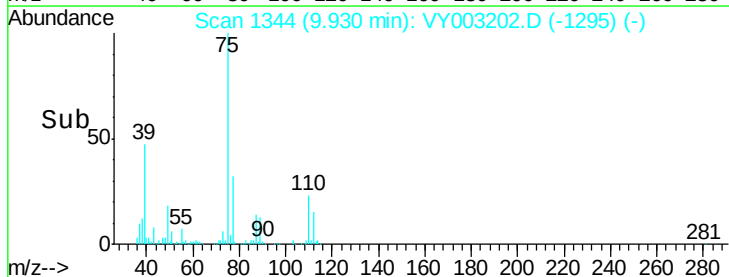
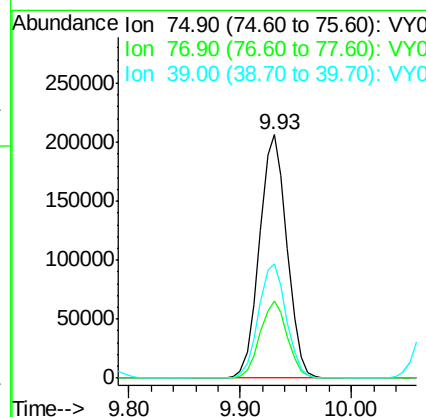
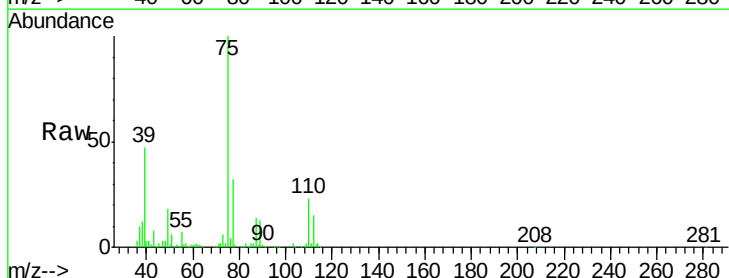
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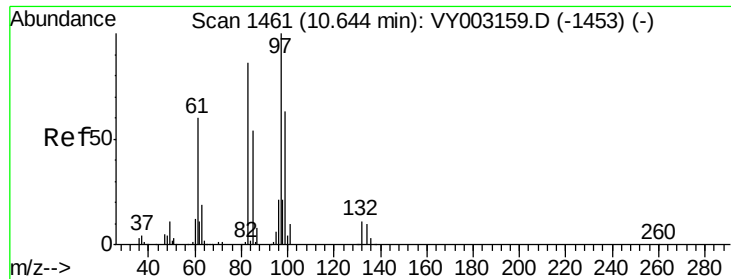
MMDadoda
7/17/2020 4:43:04 PM



#54
cis-1,3-Dichloropropene
Concen: 50.535 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion: 75 Resp: 355447
Ion Ratio Lower Upper
75 100
77 31.6 26.7 40.1
39 46.9 37.0 55.6





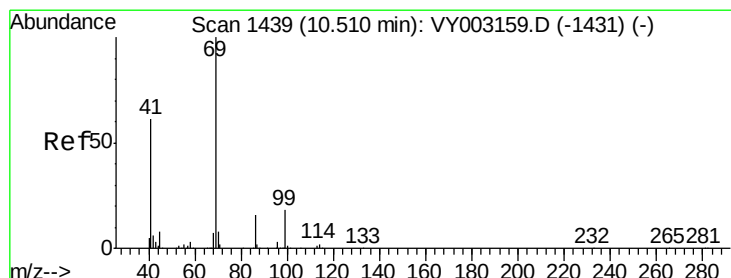
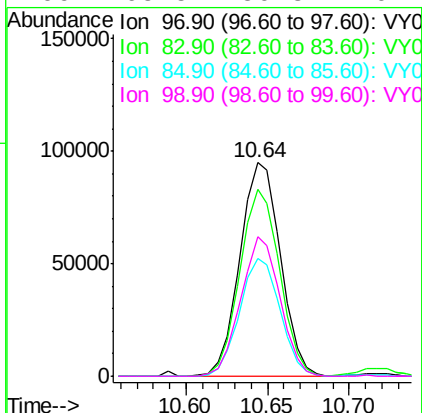
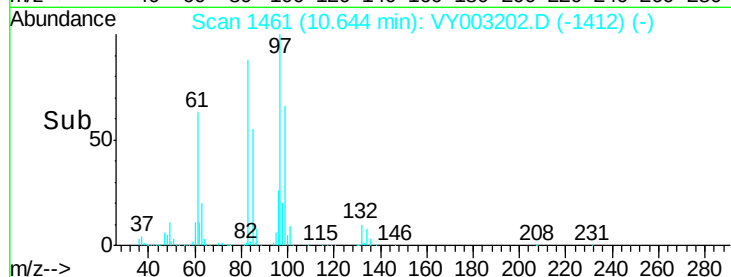
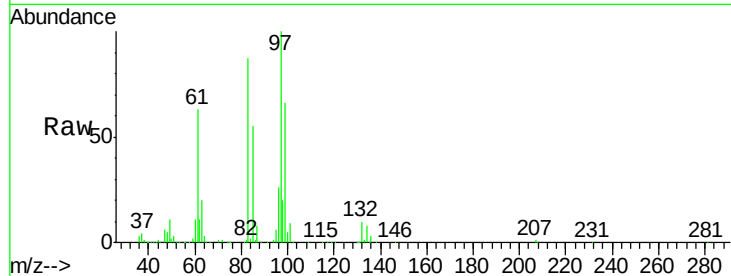
#55
 1,1,2-Trichloroethane
 Concen: 46.963 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	164861
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.8	103.2
85	55.1	43.1	64.7
99	65.5	50.8	76.2

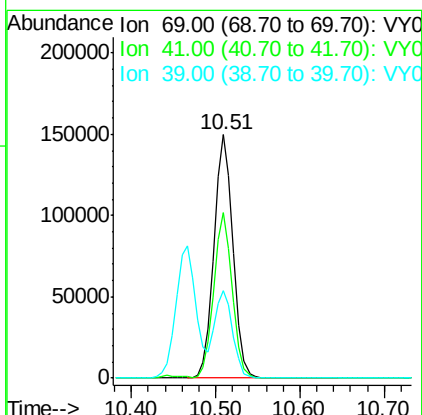
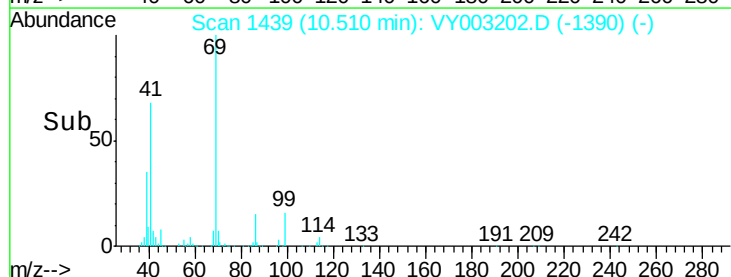
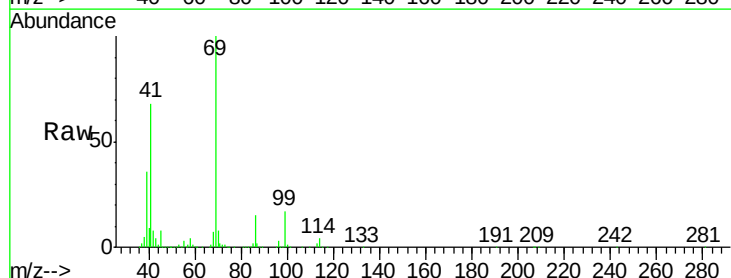
Manual Integrations
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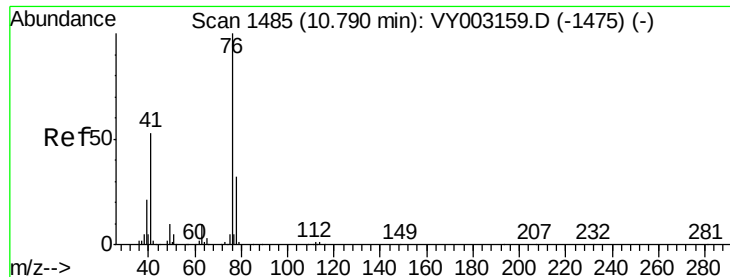
MMDadoda
 7/17/2020 4:43:04 PM



#56
 Ethyl methacrylate
 Concen: 48.853 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion:	69	Resp:	233158
Ion	Ratio	Lower	Upper
69	100		
41	65.9	50.0	75.0
39	33.6	27.6	41.4





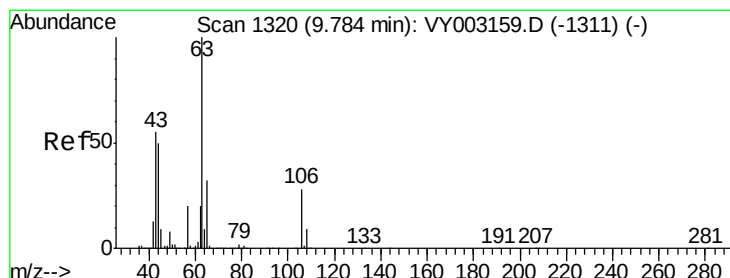
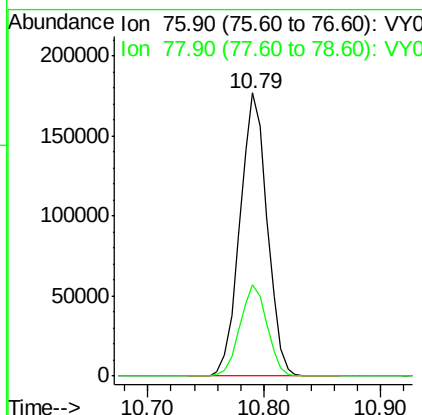
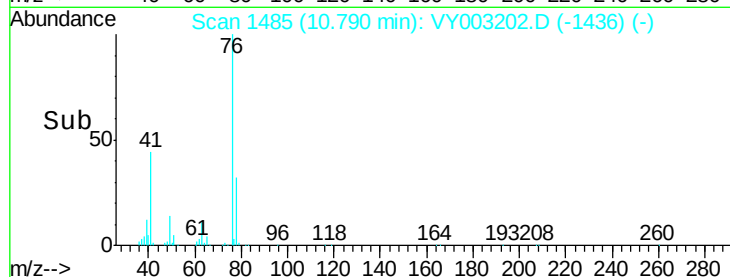
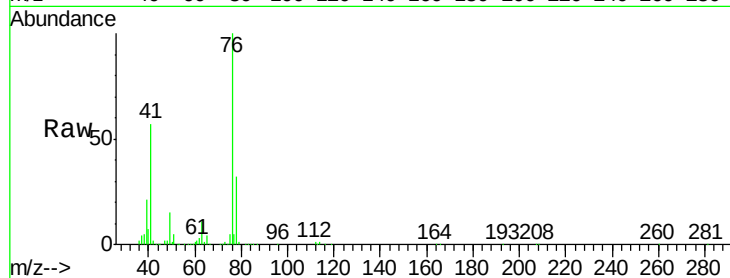
#57
 1,3-Dichloropropane
 Concen: 48.565 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 289069
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0

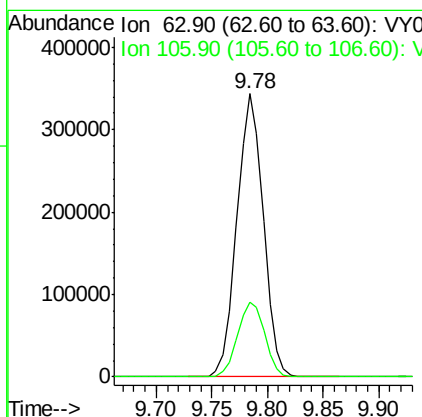
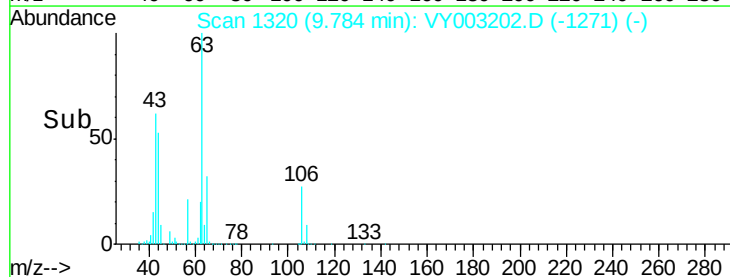
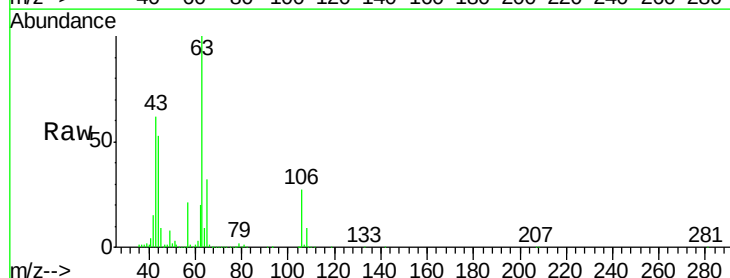
Manual Integrations
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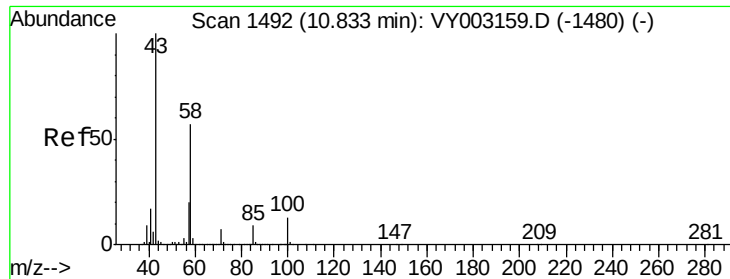
MMDadoda
 7/17/2020 4:43:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.733 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion: 63 Resp: 564045
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.9 34.3





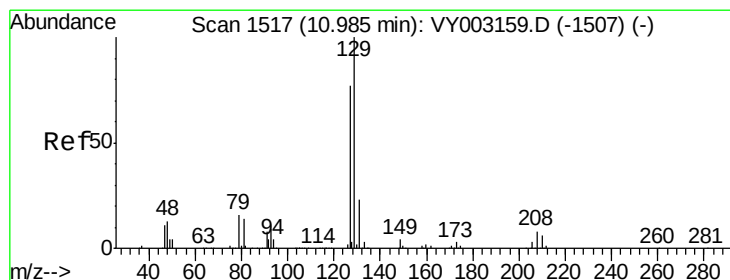
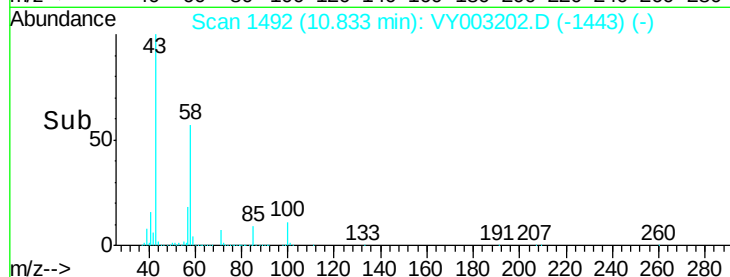
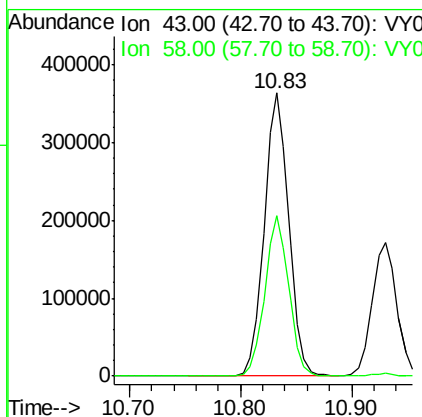
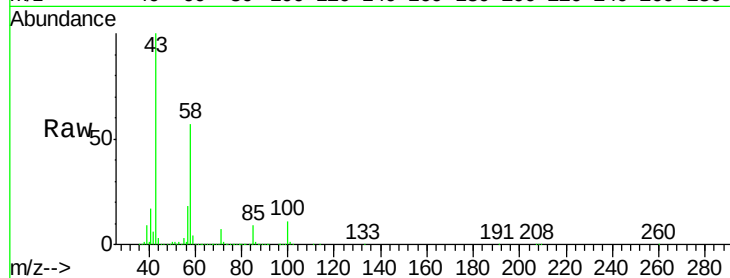
#59
2-Hexanone
Concen: 248.286 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 559048
Ion Ratio Lower Upper
43 100
58 55.3 28.3 85.0

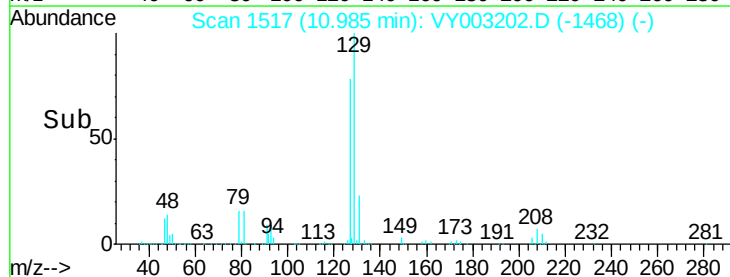
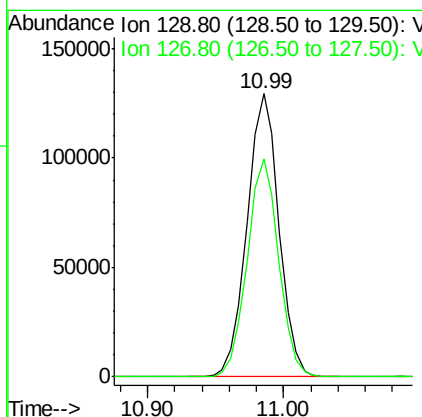
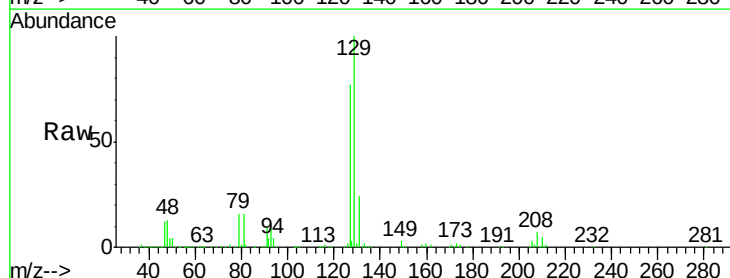
Manual Integrations
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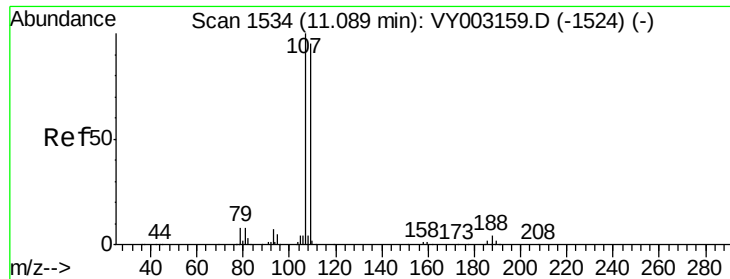
MMDadoda
7/17/2020 4:43:04 PM



#60
Dibromochloromethane
Concen: 48.175 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion: 129 Resp: 212707
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





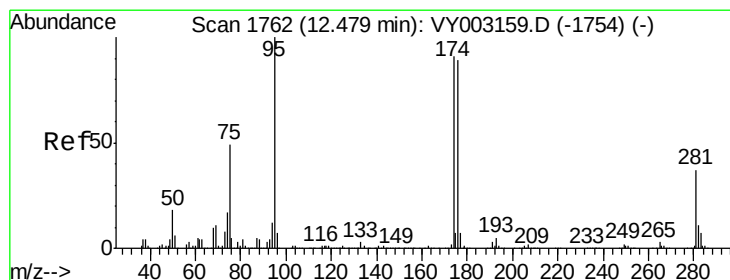
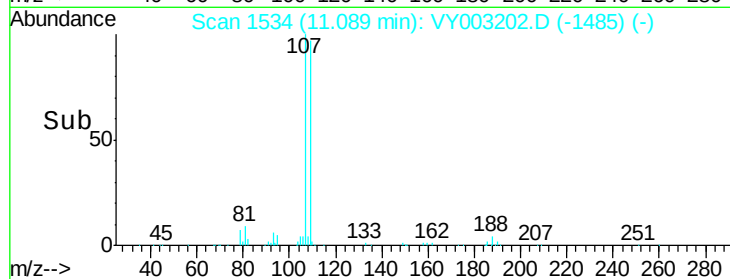
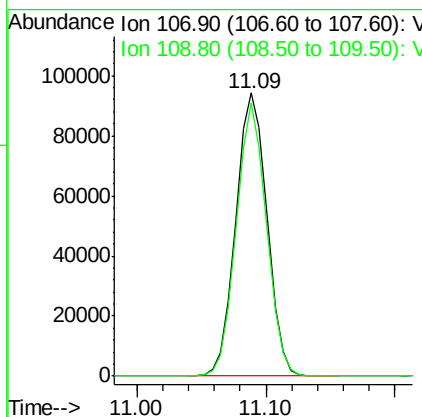
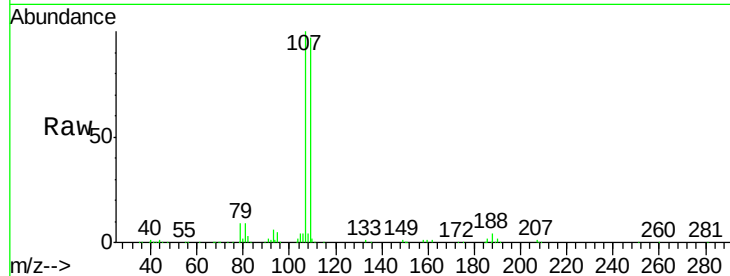
#61
 1,2-Dibromoethane
 Concen: 45.488 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 157603
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.6 113.4

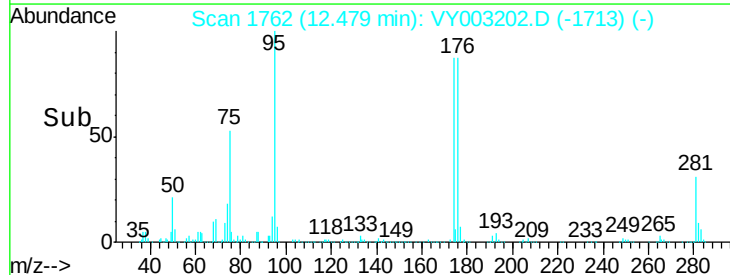
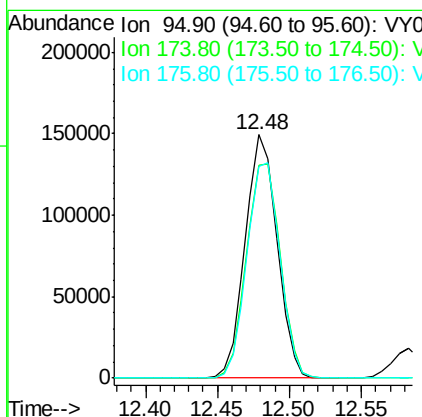
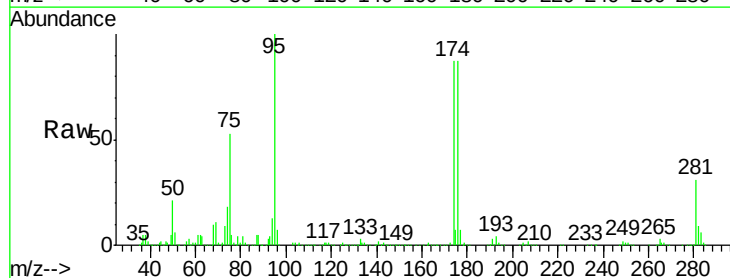
Manual Integrations
 APPROVED

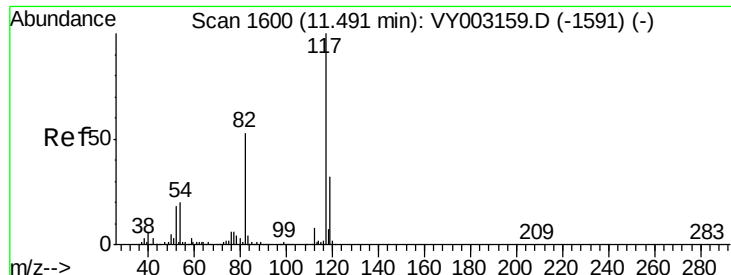
MMDadoda
 7/17/2020 4:43:04 PM



#62
 4-Bromofluorobenzene
 Concen: 45.090 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion: 95 Resp: 228922
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 190.6
 176 91.8 0.0 186.4





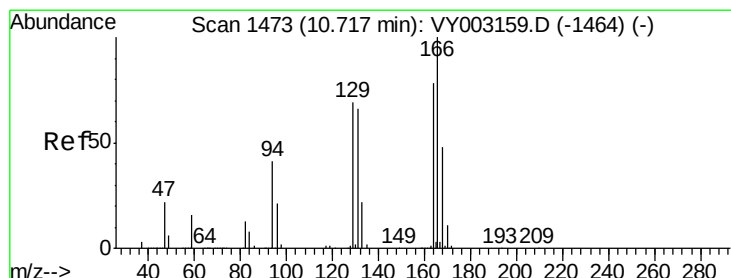
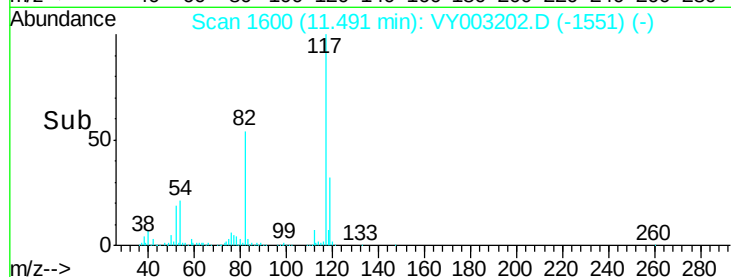
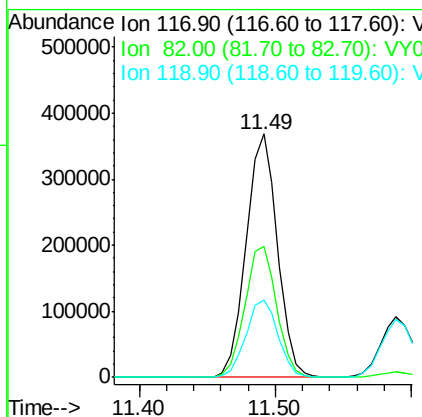
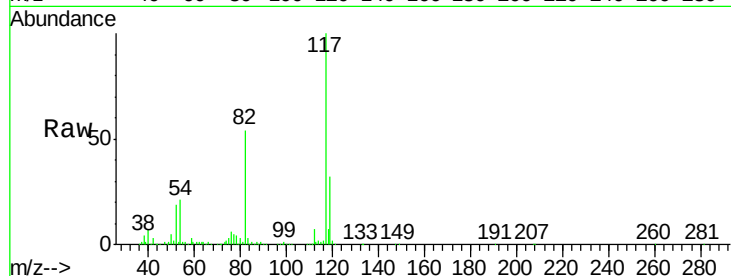
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	593740		
82	53.8		42.0	63.0
119	31.6		25.5	38.3

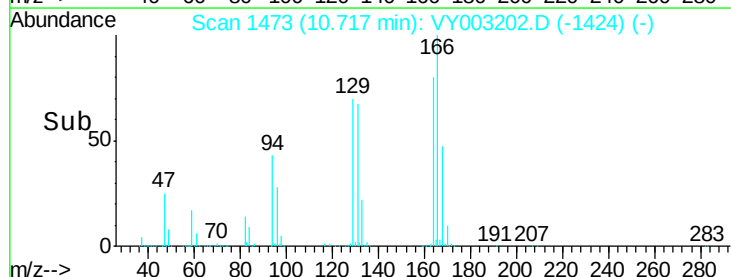
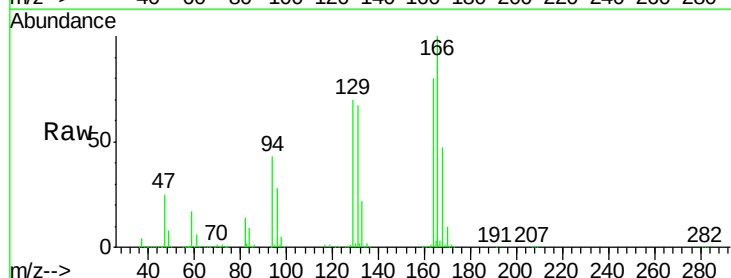
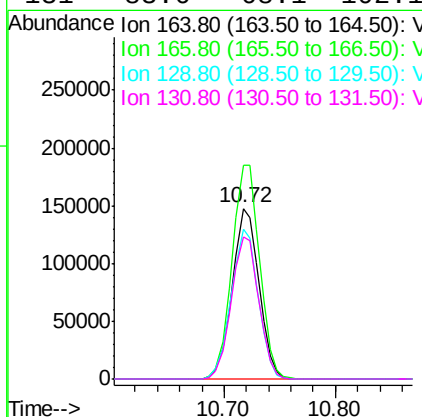
Manual Integrations
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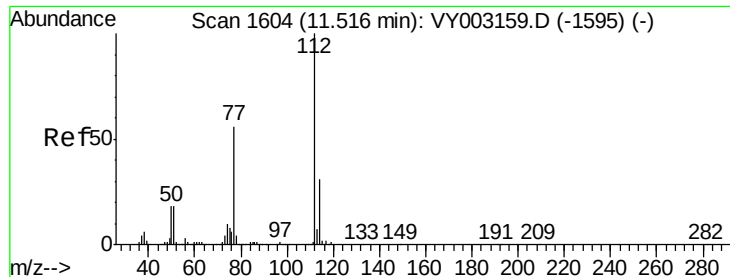
MMDadoda
7/17/2020 4:43:04 PM



#64
Tetrachloroethene
Concen: 46.468 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	246000		
166	125.1		102.9	154.3
129	88.0		71.4	107.2
131	83.6		68.1	102.1





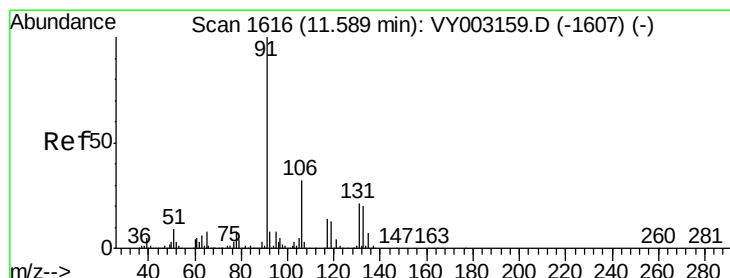
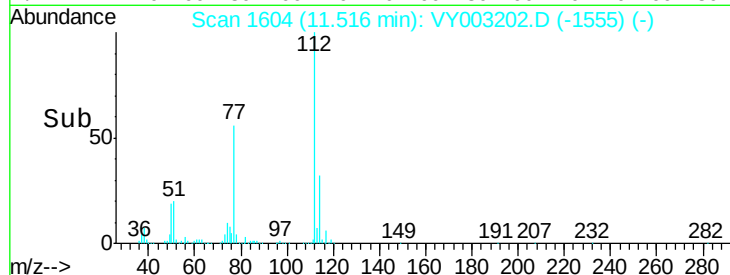
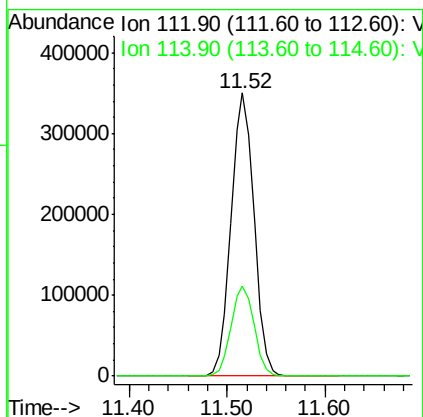
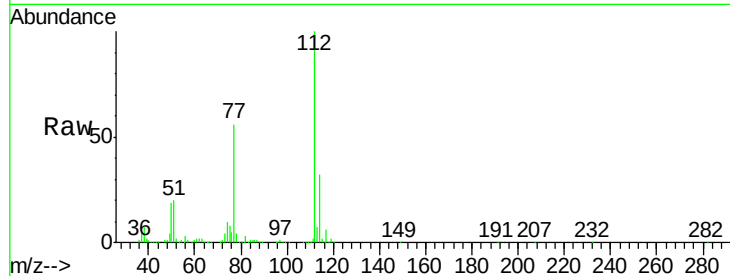
#65
Chlorobenzene
Concen: 49.837 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 570043
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

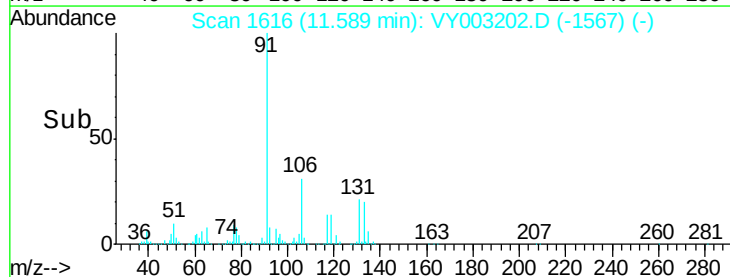
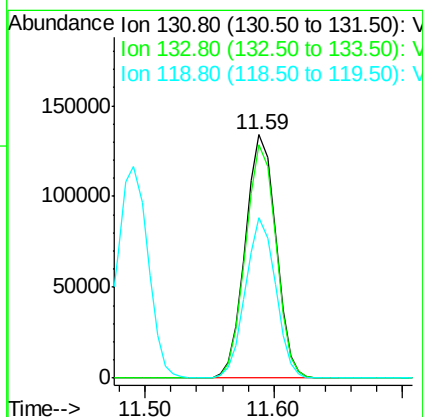
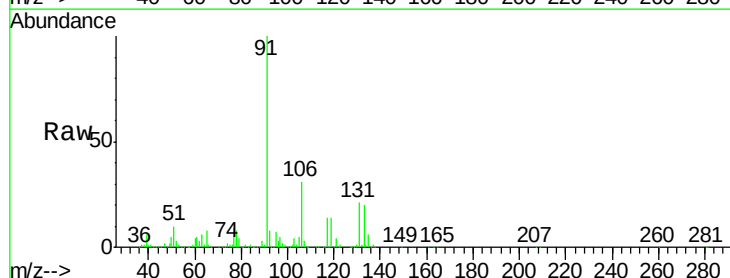
Manual Integrations
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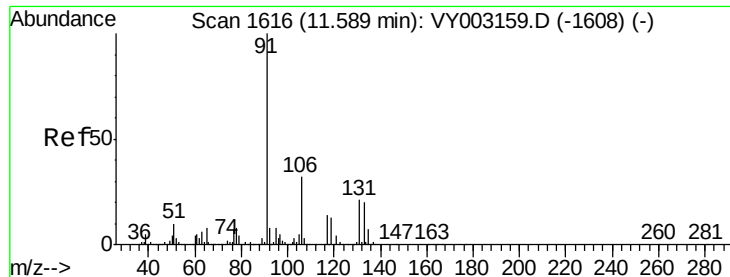
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.685 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion:131 Resp: 220726
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 64.7 32.4 97.0





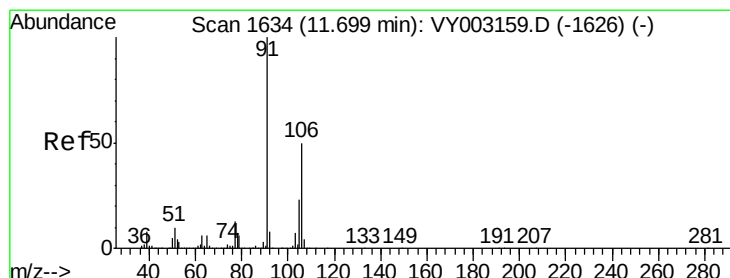
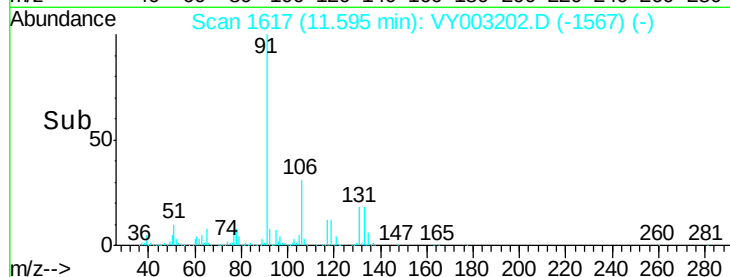
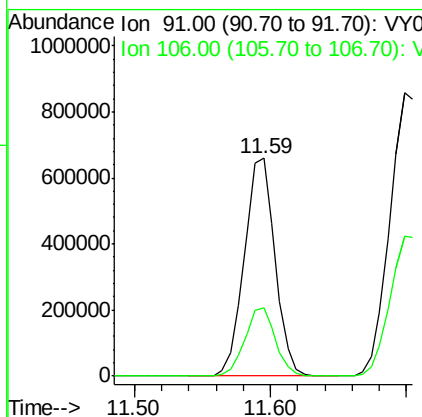
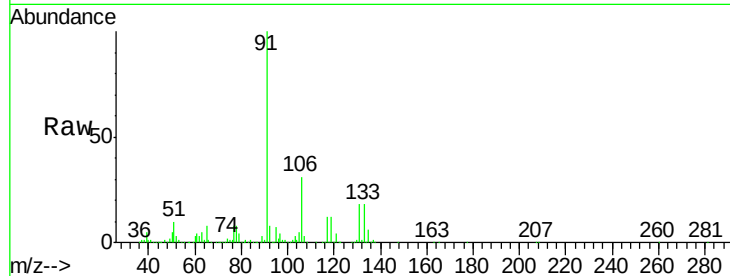
#67
Ethyl Benzene
Concen: 51.189 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1045423
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

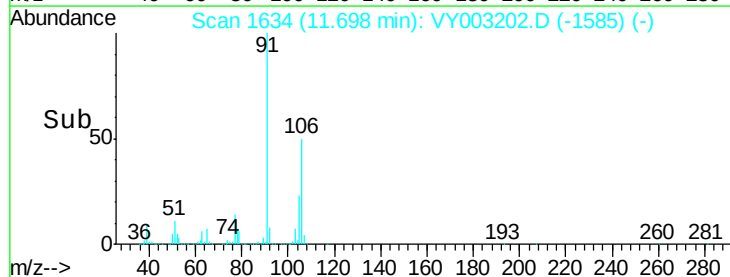
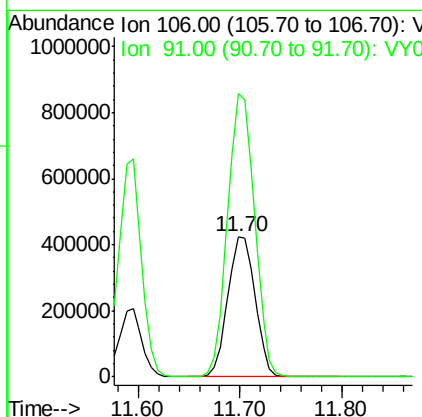
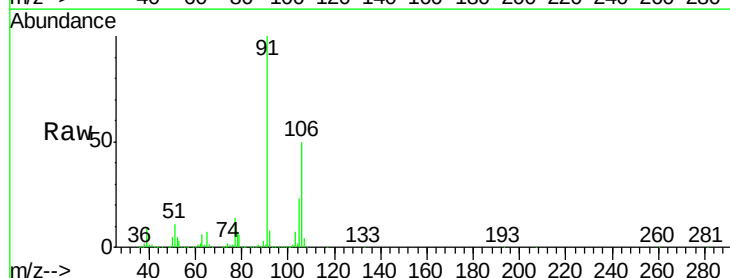
Manual Integrations
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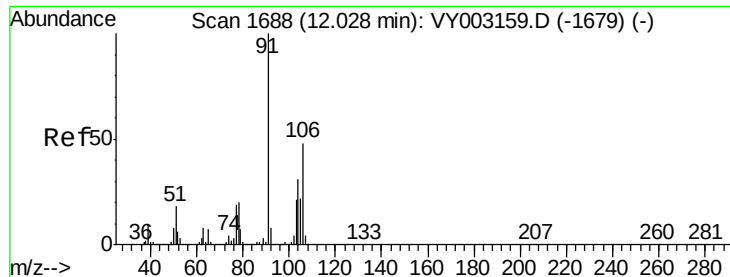
MMDadoda
7/17/2020 4:43:04 PM



#68
m/p-Xylenes
Concen: 101.088 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion: 106 Resp: 783321
Ion Ratio Lower Upper
106 100
91 200.0 159.0 238.6





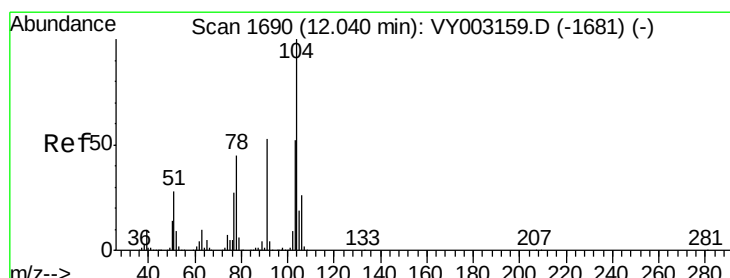
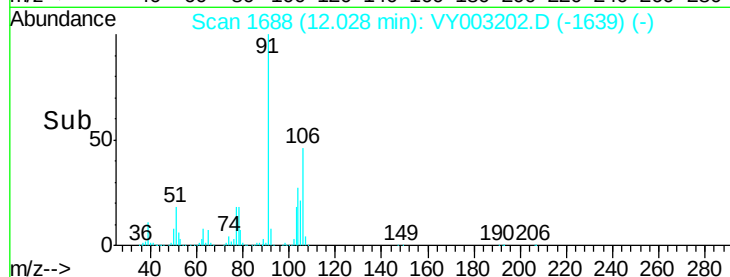
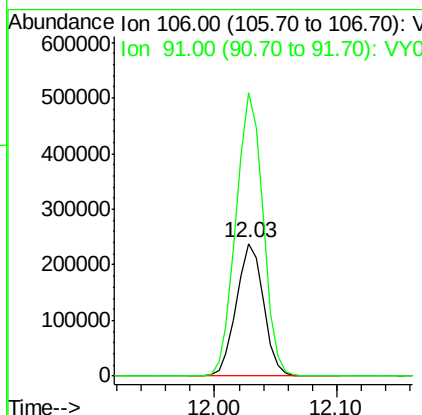
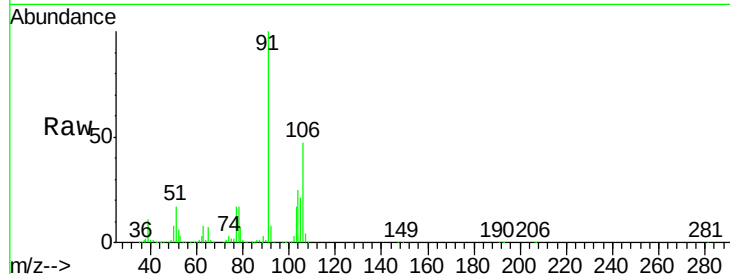
#69
o-Xylene
Concen: 50.205 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	105.1	315.1

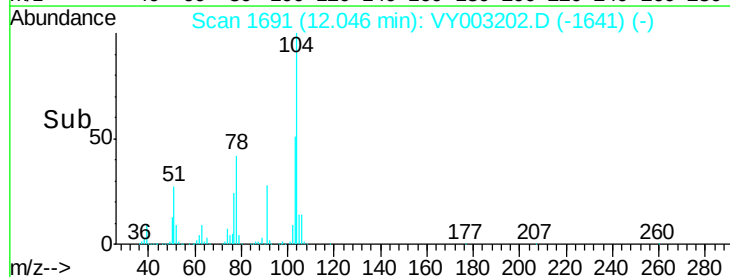
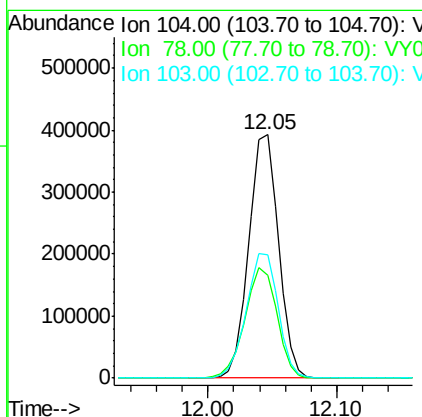
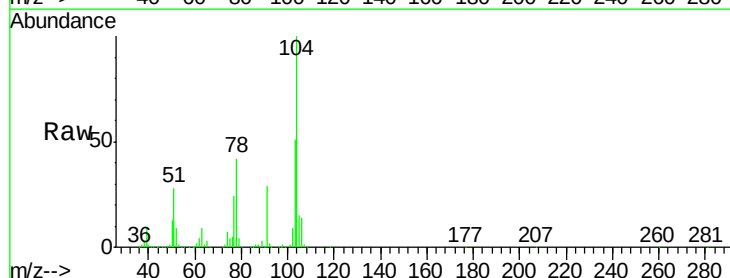
Manual Integrations
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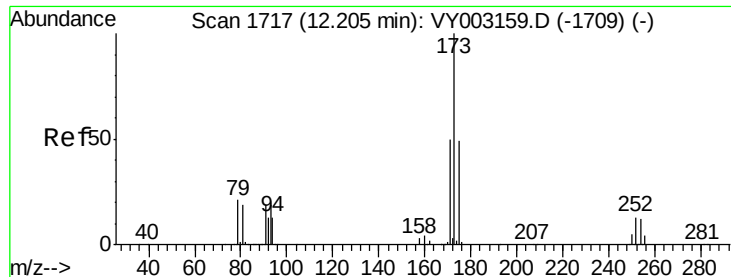
MMDadoda
7/17/2020 4:43:04 PM



#70
Styrene
Concen: 50.438 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.5	57.7
103	55.3	43.9	65.9





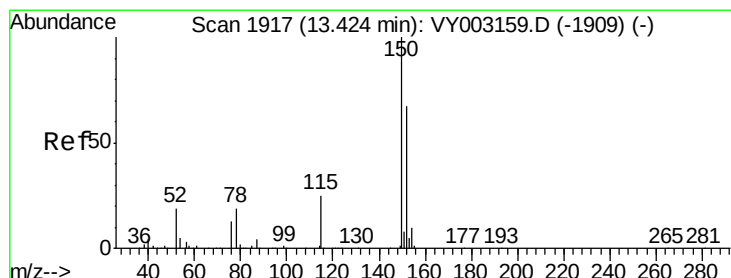
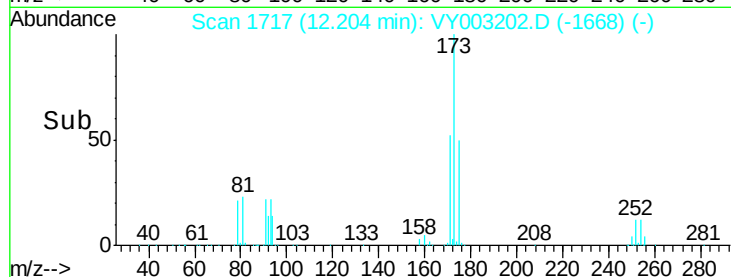
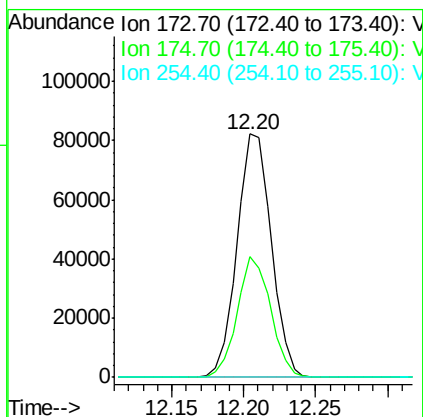
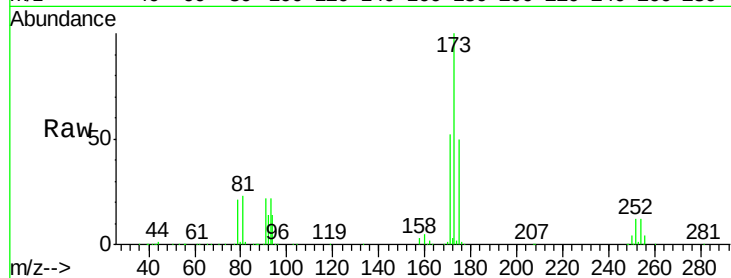
#71
Bromoform
Concen: 46.587 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	73.0
254	0.1	0.2	0.2#

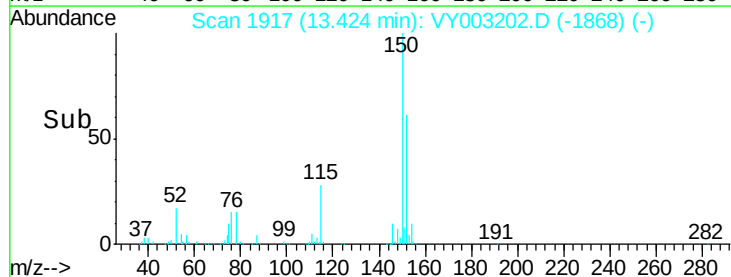
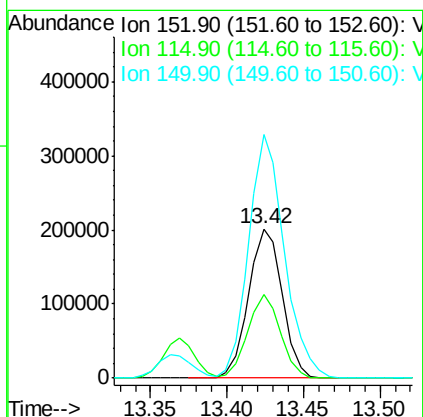
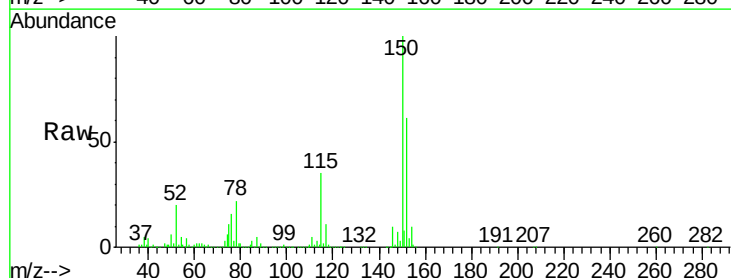
Manual Integrations
APPROVED

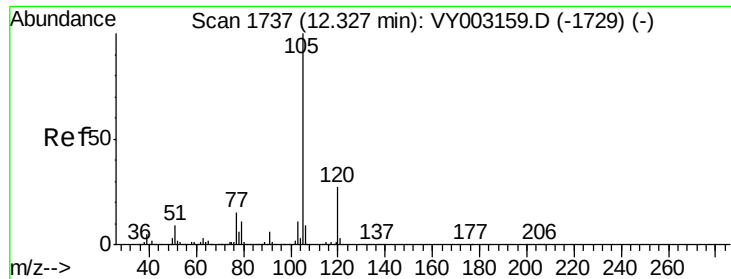
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.9	80.7
150	173.5	0.0	338.0





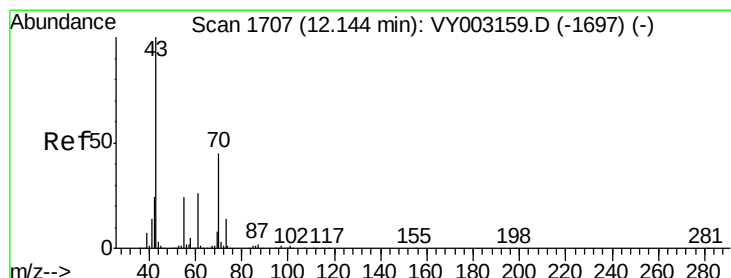
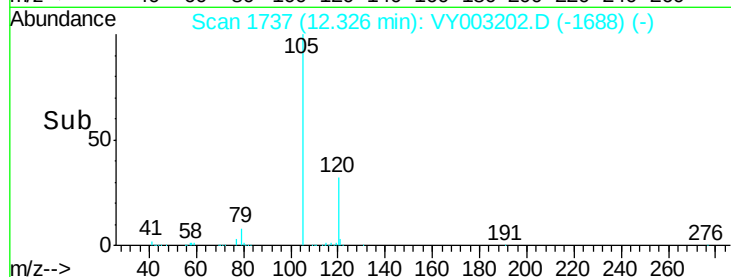
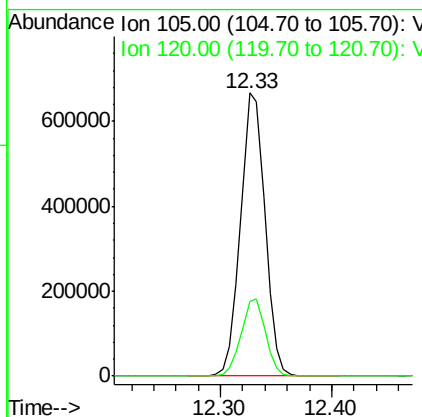
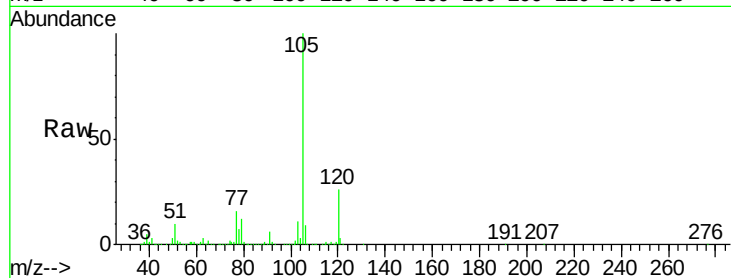
#73
Isopropylbenzene
Concen: 51.775 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1016269
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

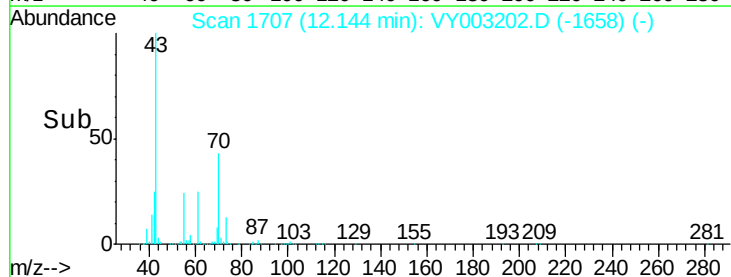
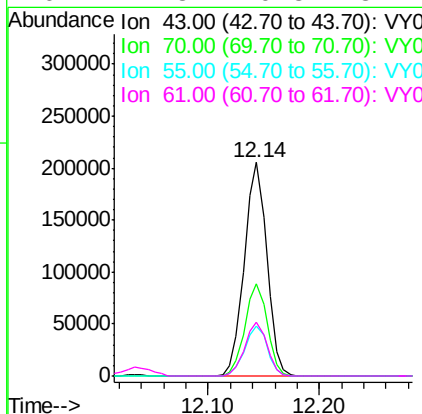
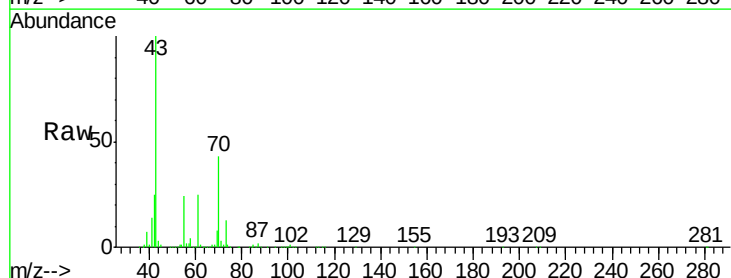
Manual Integrations
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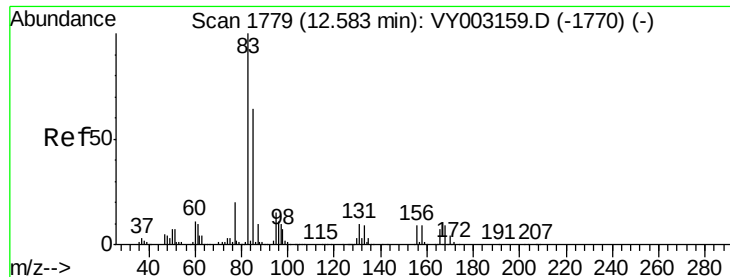
MMDadoda
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#74
N-ethyl acetate
Concen: 52.394 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion: 43 Resp: 288560
Ion Ratio Lower Upper
43 100
70 43.0 35.6 53.4
55 23.8 19.4 29.2
61 24.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.273 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

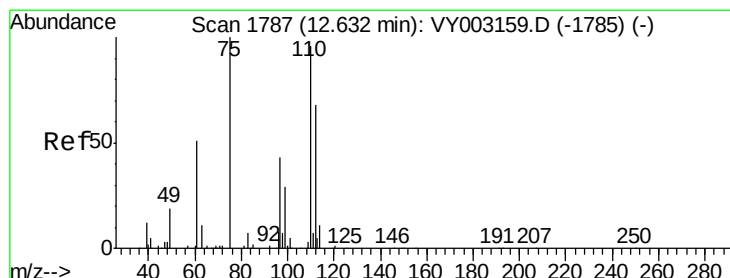
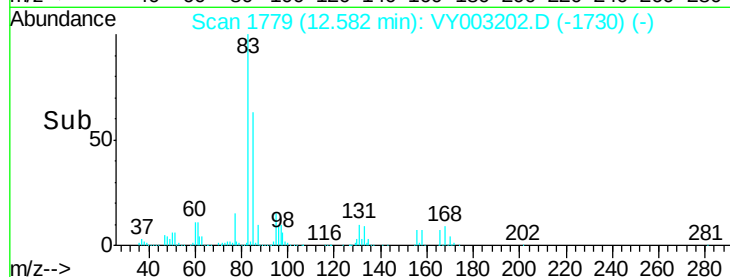
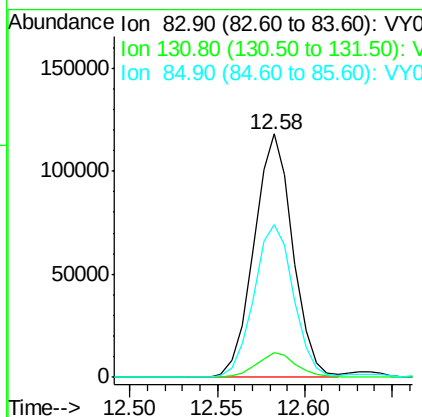
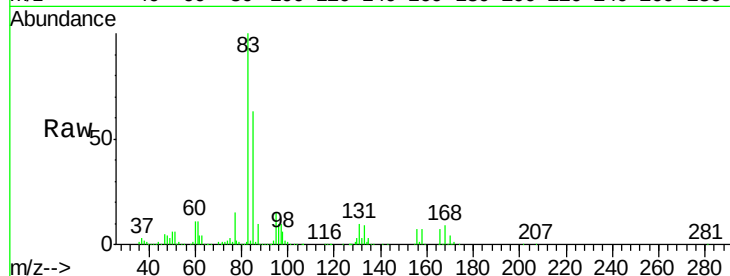
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183001
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.2	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.064 ug/l m

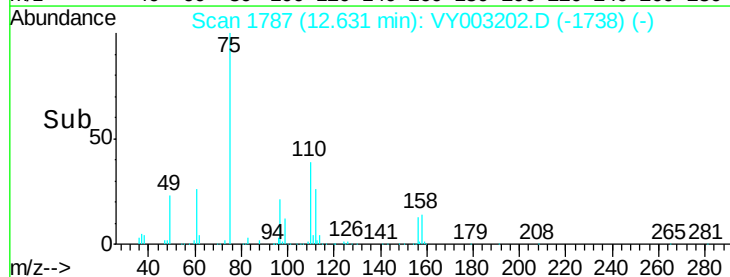
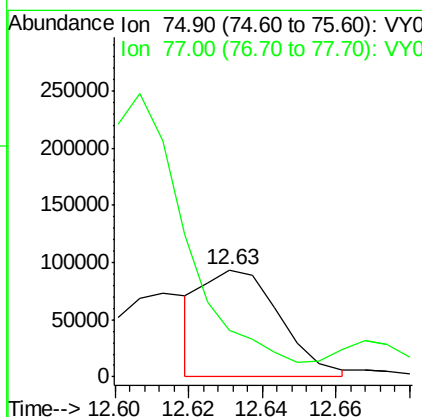
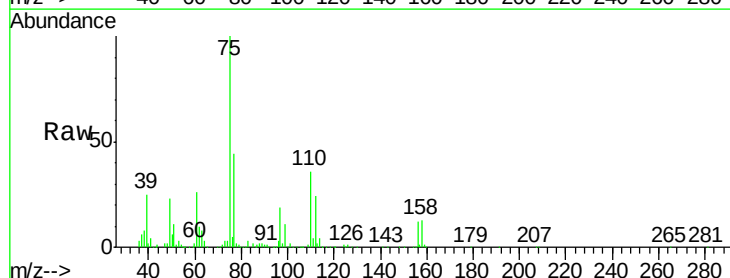
RT: 12.63 min Scan# 1787

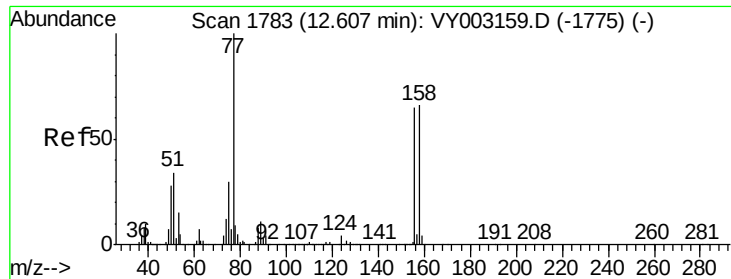
Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion:	75	Resp:	136497
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





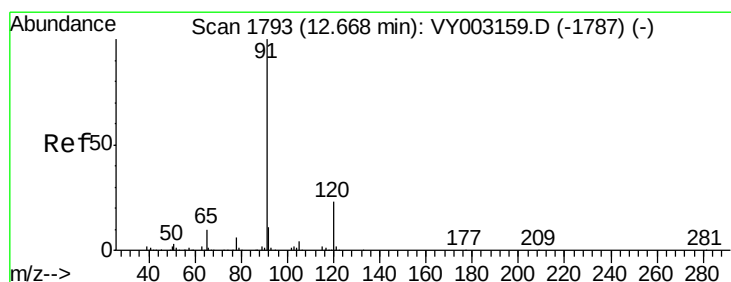
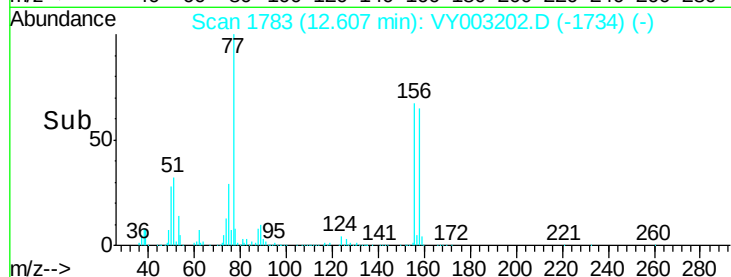
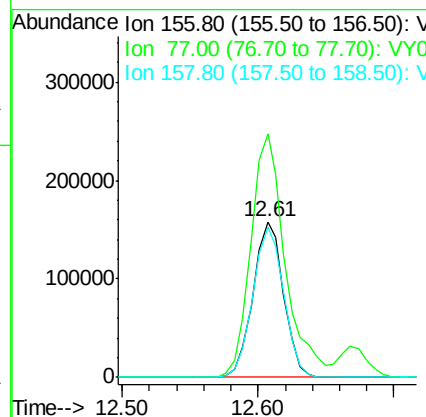
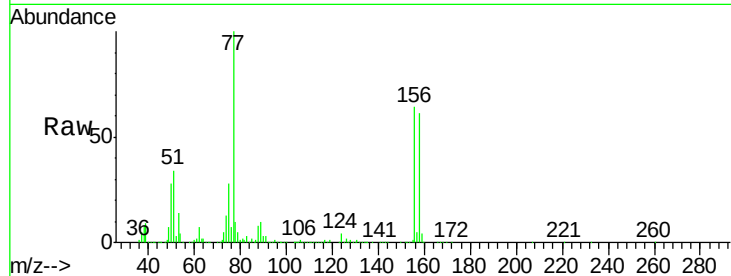
#77
Bromobenzene
Concen: 49.619 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	176.0	86.6	259.7
158	97.4	49.4	148.0

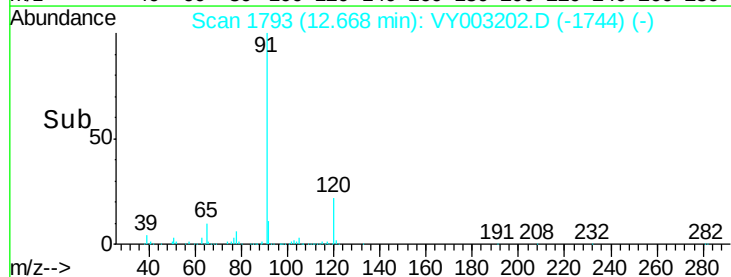
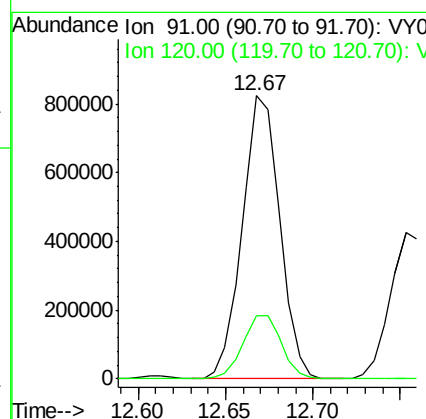
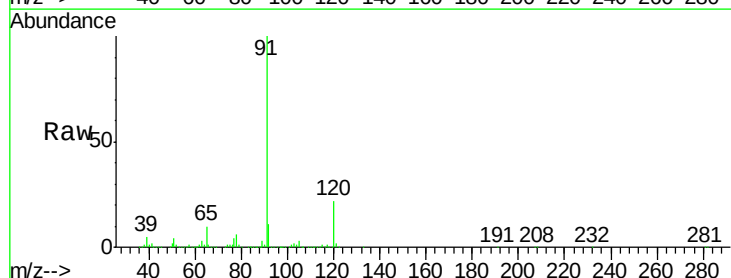
Manual Integrations
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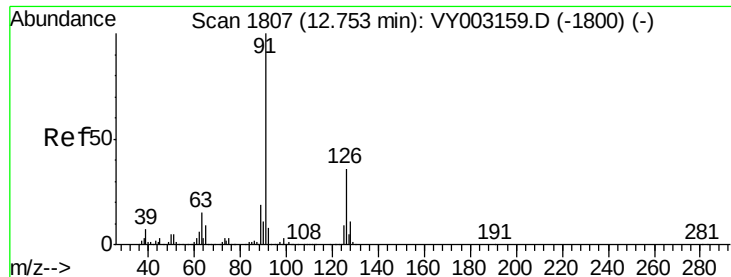
MMDadoda
7/17/2020 4:43:04 PM



#78
n-propylbenzene
Concen: 53.130 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.731 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 667797

Ion Ratio Lower Upper

91 100

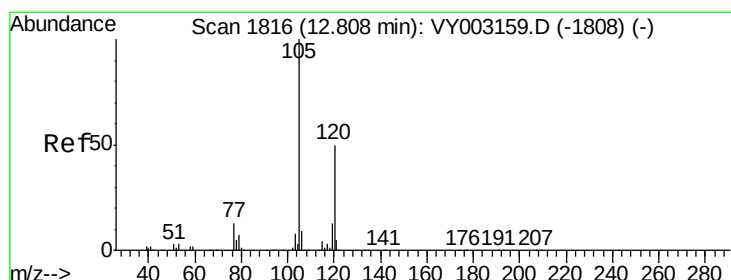
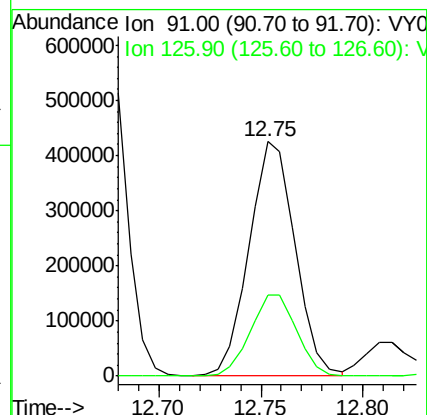
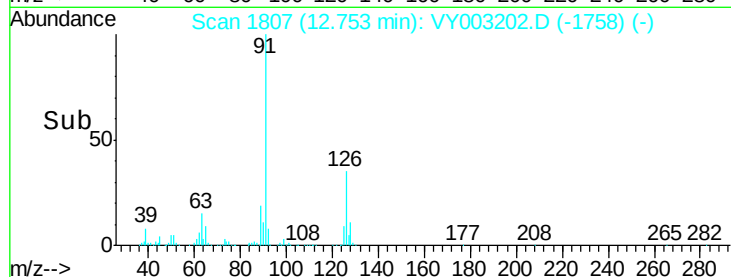
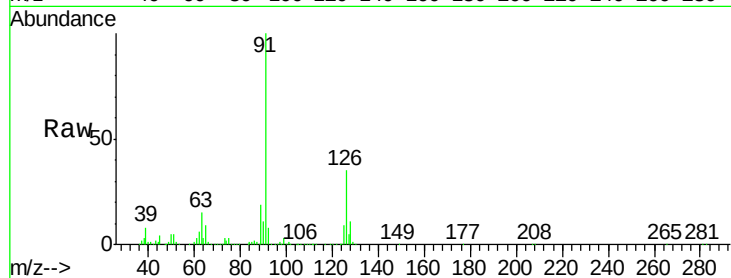
126 35.1 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.475 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003202.D

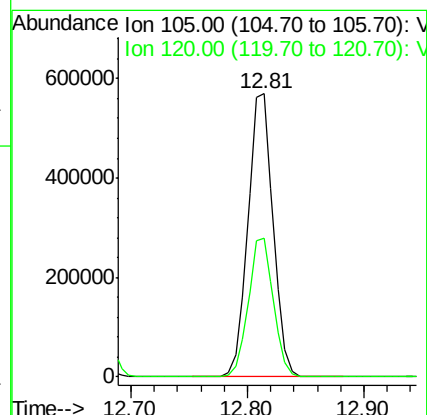
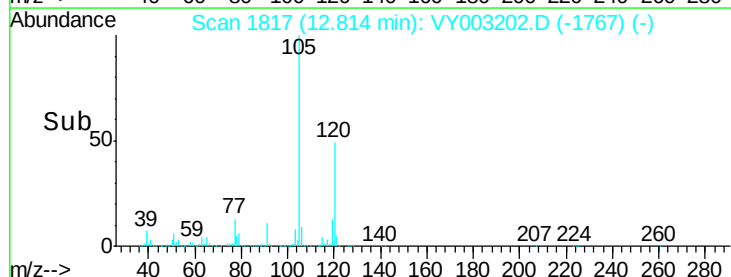
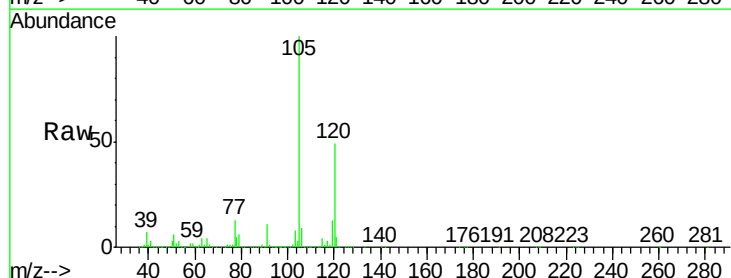
Acq: 16 Jul 2020 10:37

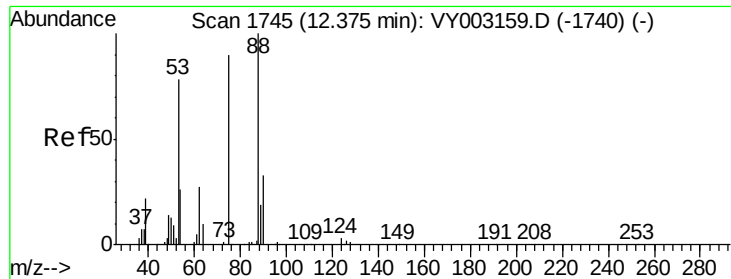
Tgt Ion: 105 Resp: 858470

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.935 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

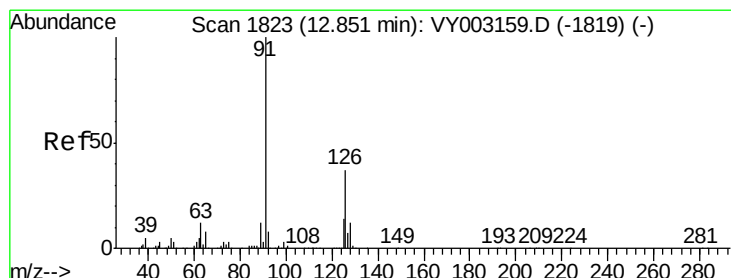
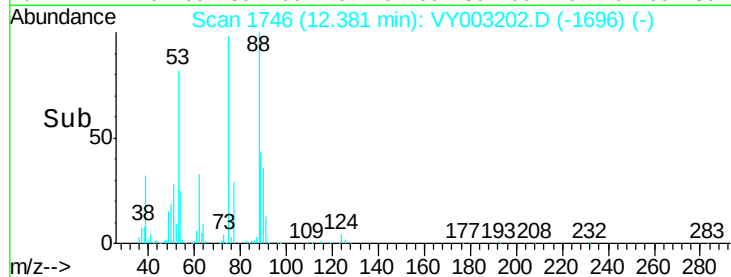
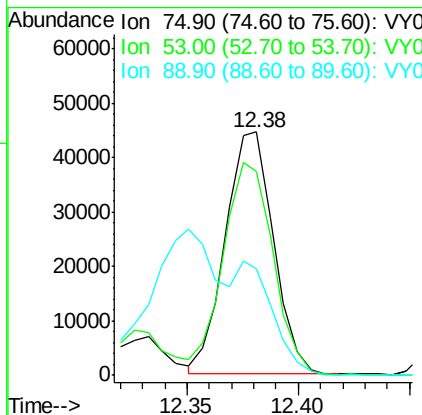
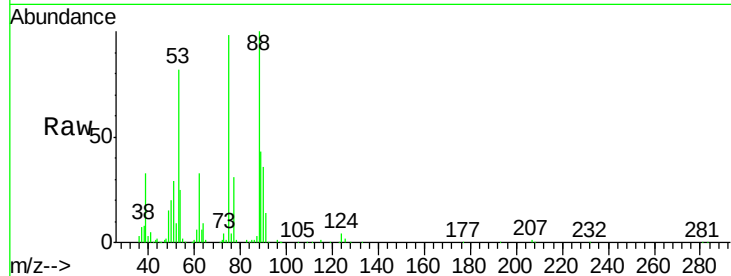
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	67153
Ion	Ratio	Lower	Upper
75	100		
53	91.5	72.0	108.0
89	0.0	37.3	55.9#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.411 ug/l

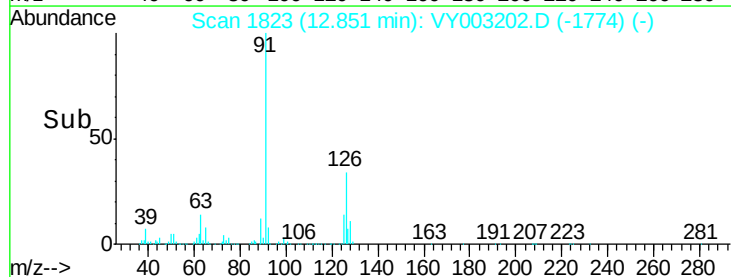
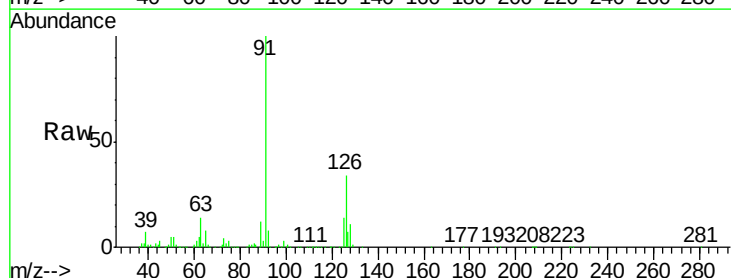
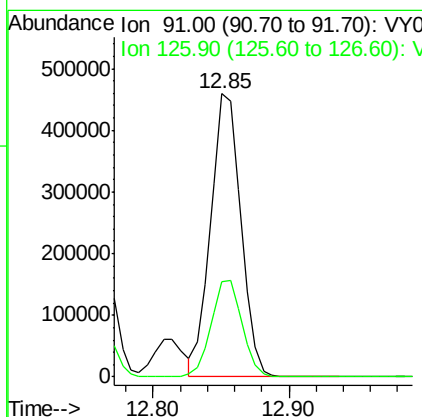
RT: 12.85 min Scan# 1823

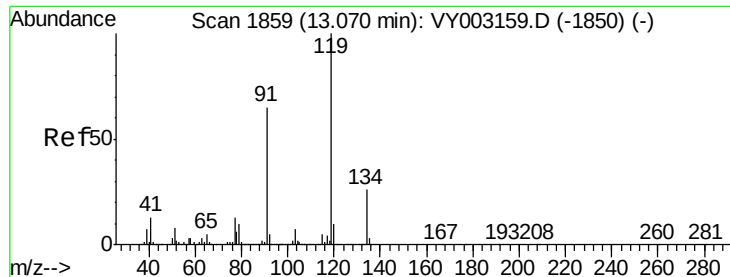
Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion:	91	Resp:	706179
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.9	53.7





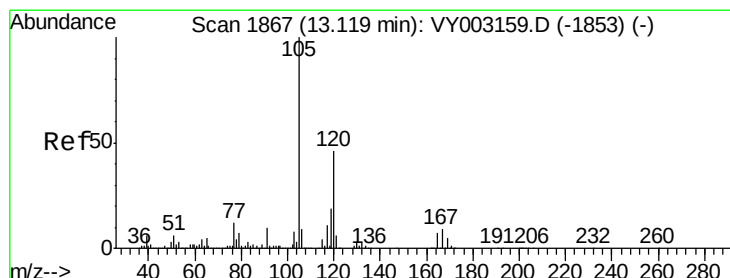
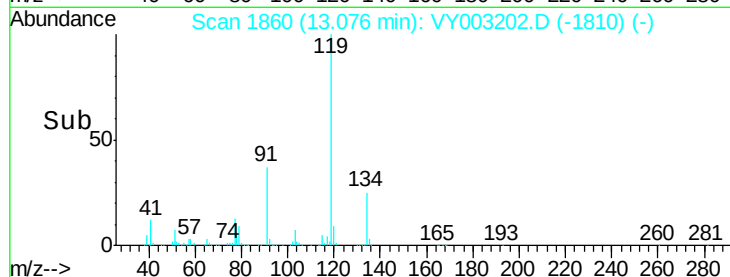
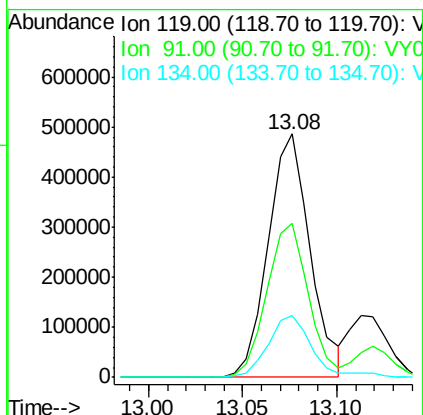
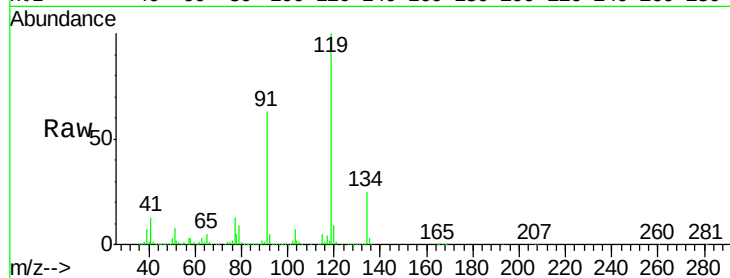
#83
tert-Butylbenzene
Concen: 52.152 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	30.8	92.4
134	26.8	13.2	39.6

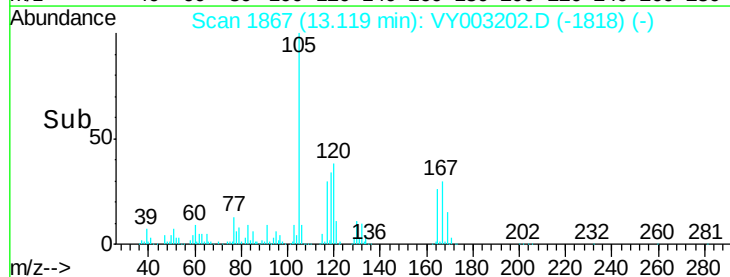
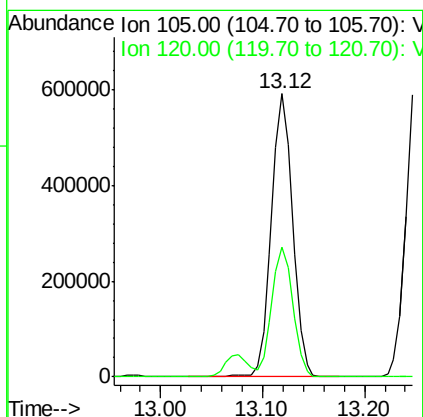
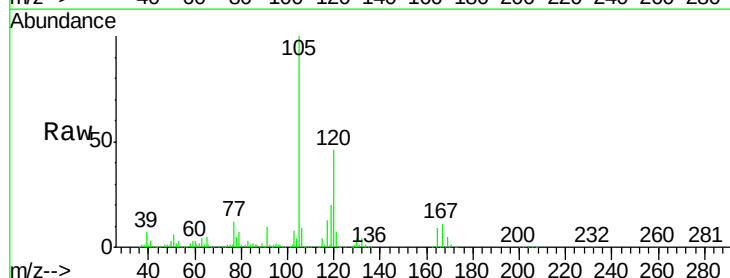
Manual Integrations
APPROVED

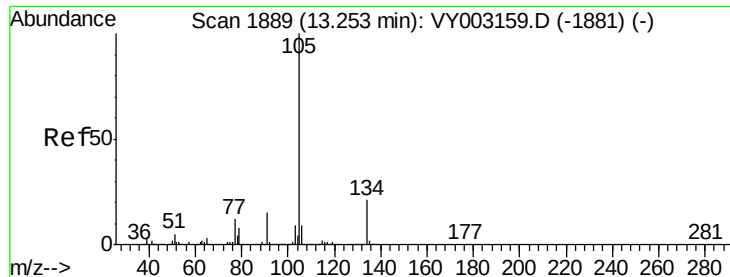
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.801 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.5	67.5





#85

sec-Butylbenzene

Concen: 52.692 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1045423

Ion Ratio Lower Upper

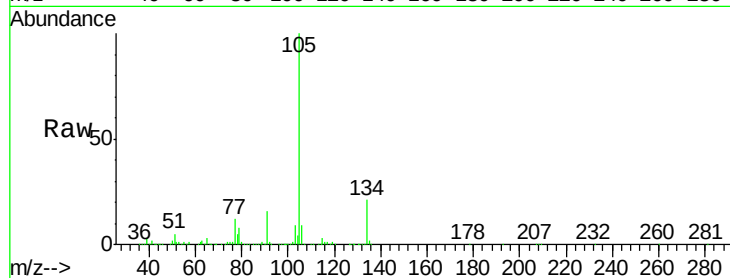
105 100

134 20.7 10.4 31.4

Manual Integrations
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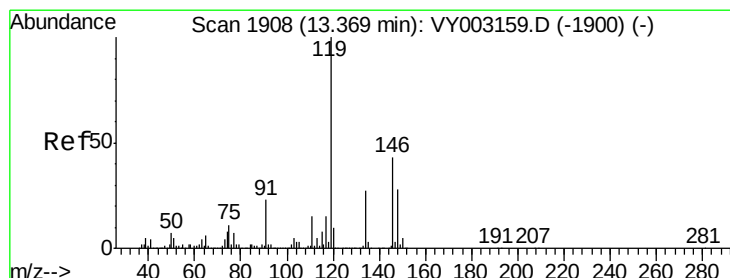
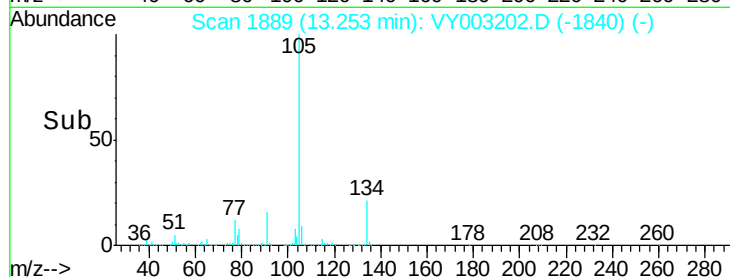
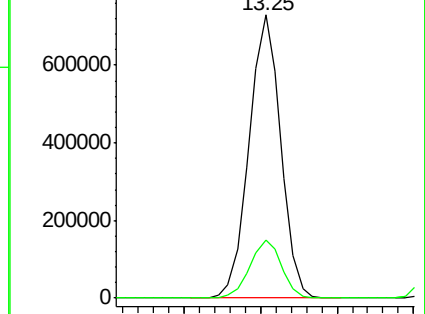
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.099 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

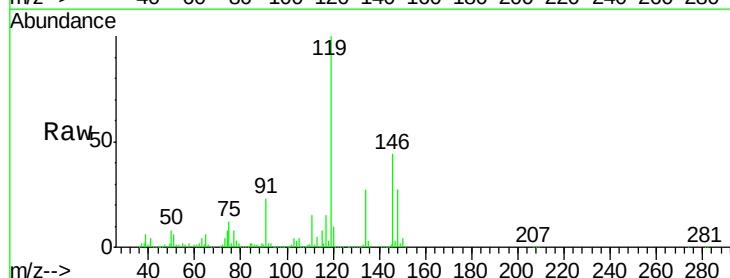
Tgt Ion:119 Resp: 965128

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

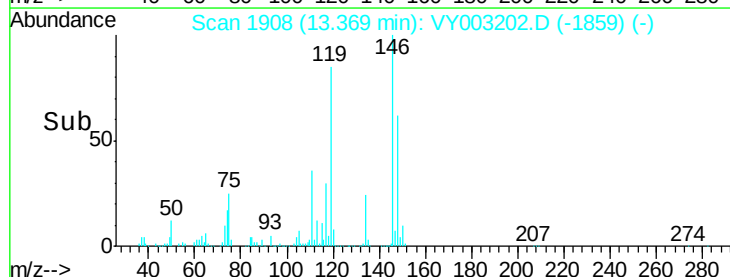
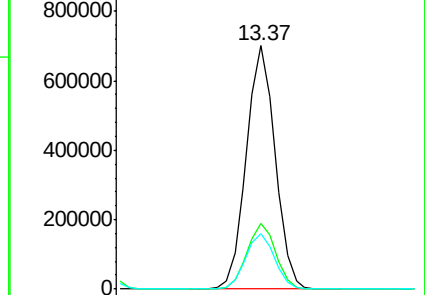
91 22.9 11.2 33.6

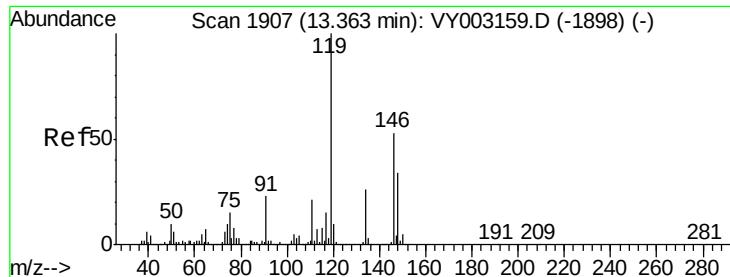


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.770 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

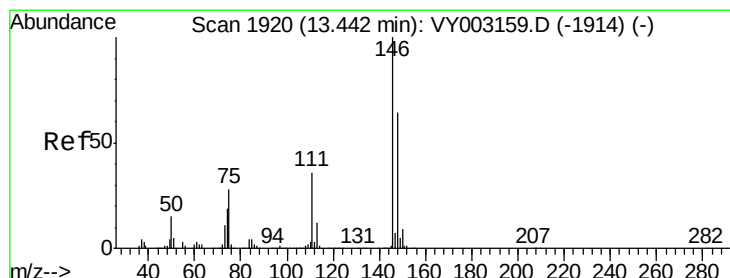
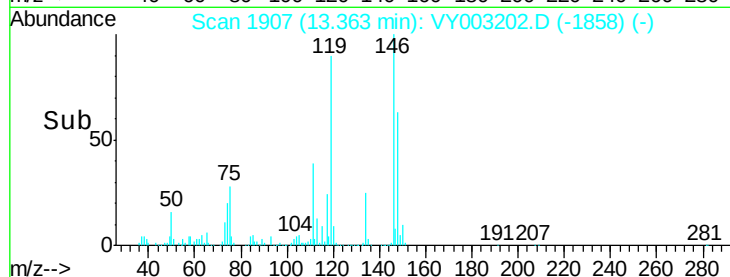
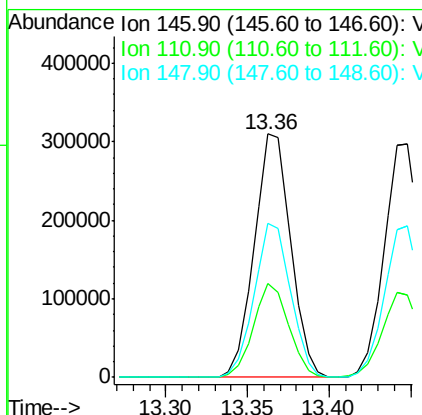
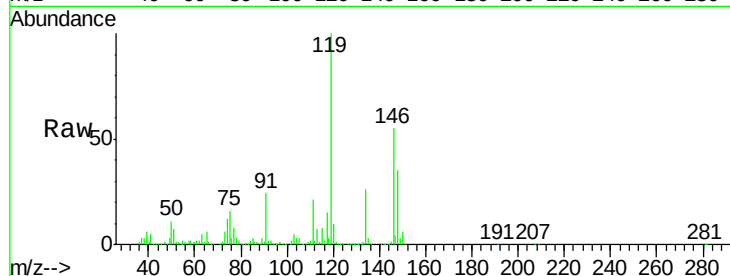
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	63.2	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.680 ug/l

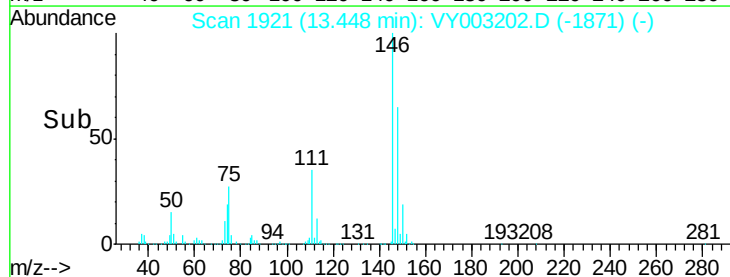
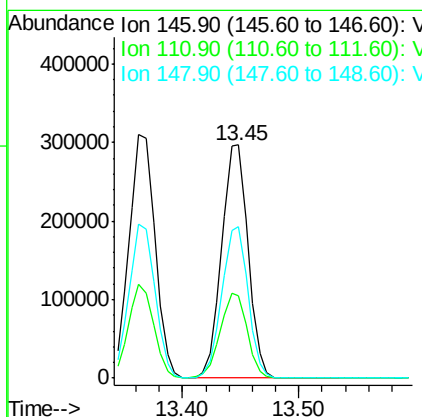
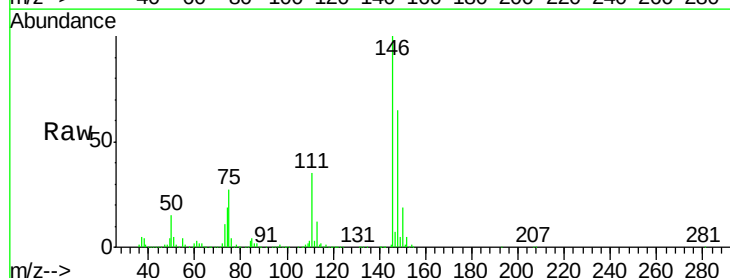
RT: 13.45 min Scan# 1921

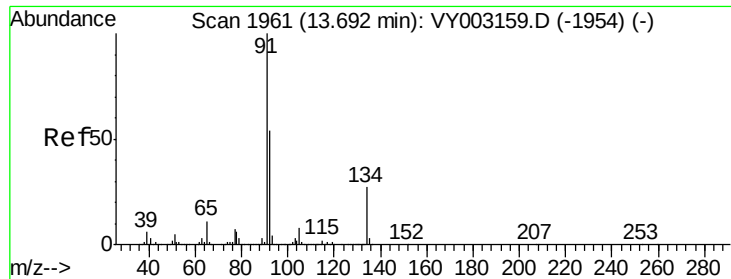
Delta R.T. 0.01 min

Lab File: VY003202.D

Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	64.5	32.0	96.0





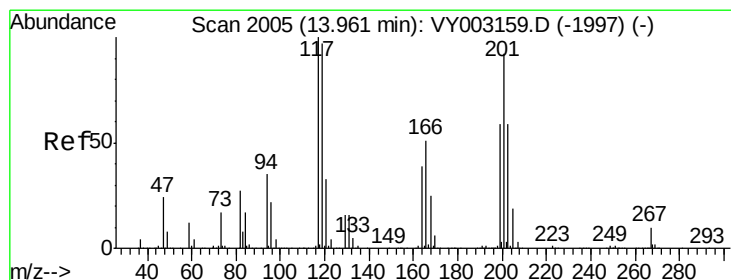
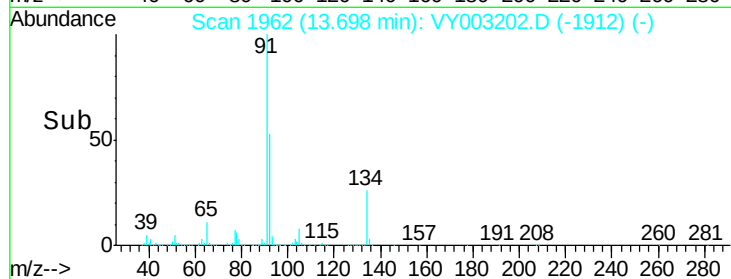
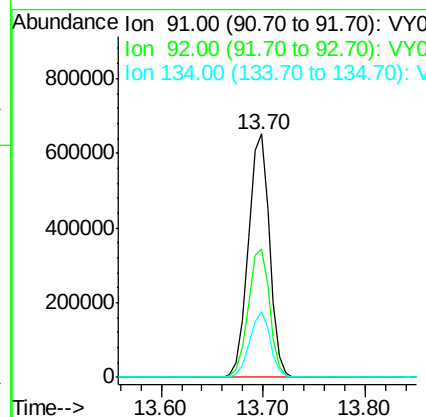
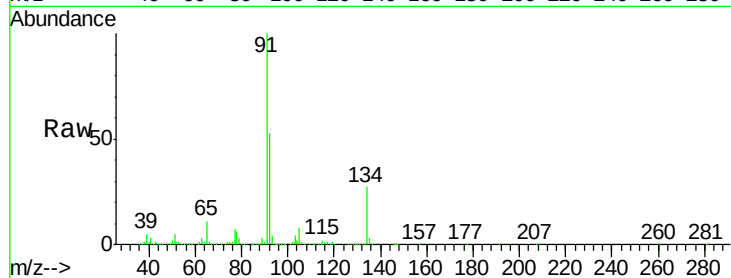
#89
n-Butylbenzene
Concen: 53.578 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	26.4	13.6	40.7

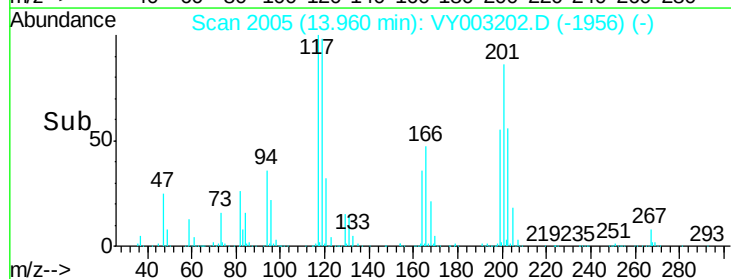
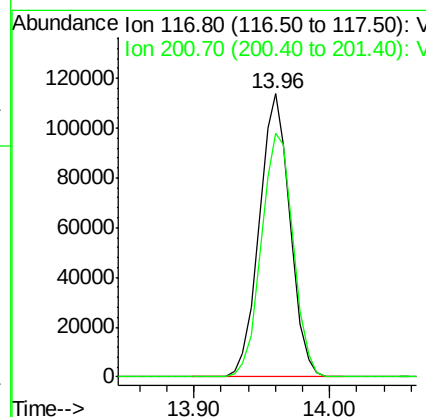
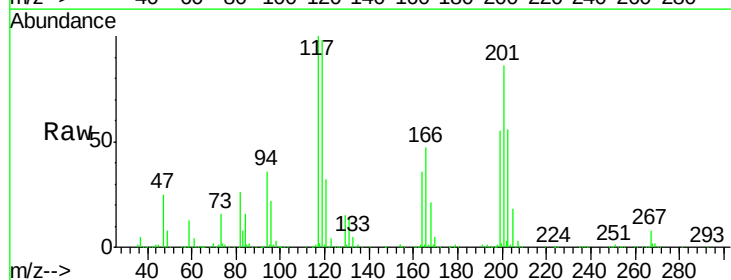
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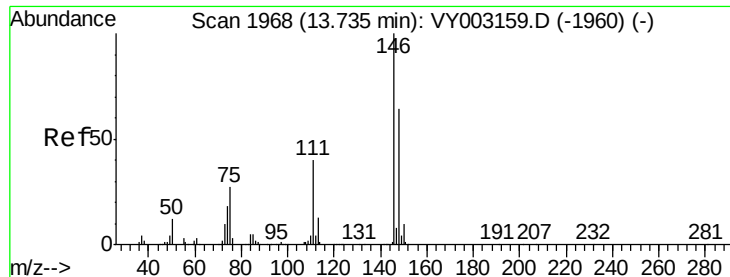
MMDadoda
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#90
Hexachloroethane
Concen: 53.422 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	45.1	135.3





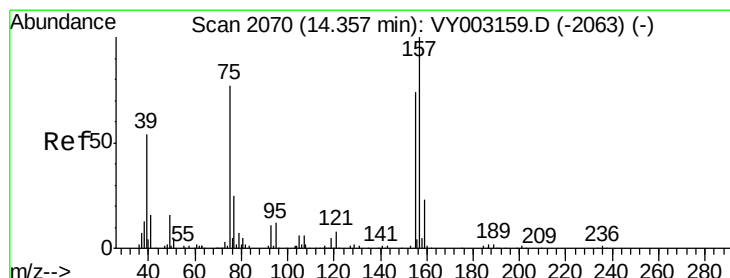
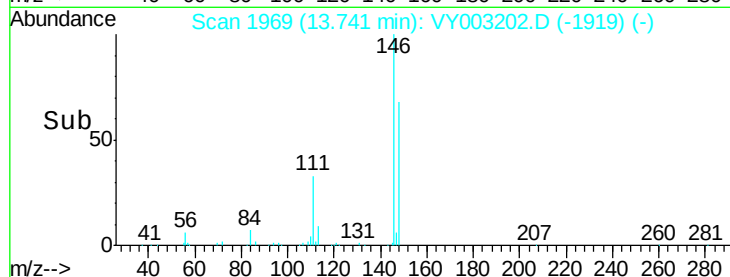
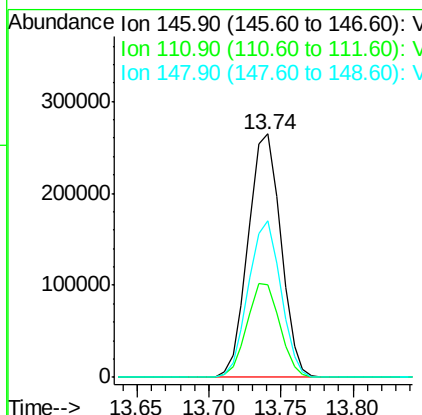
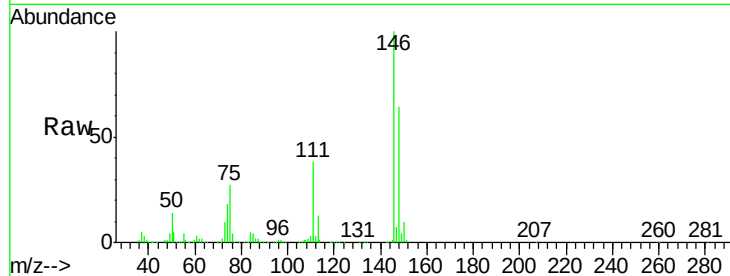
#91
 1,2-Dichlorobenzene
 Concen: 49.953 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	64.0	32.4	97.0

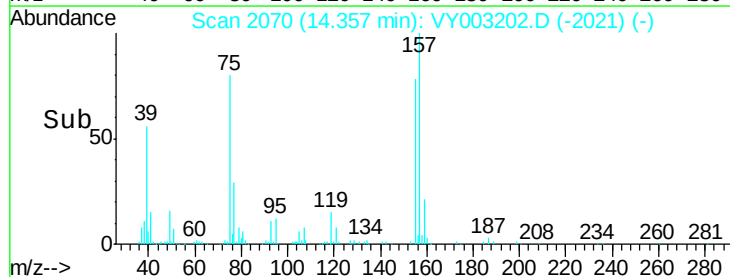
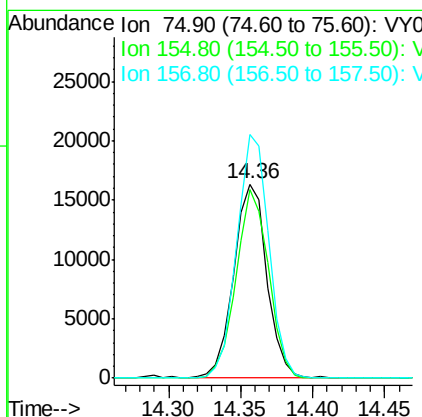
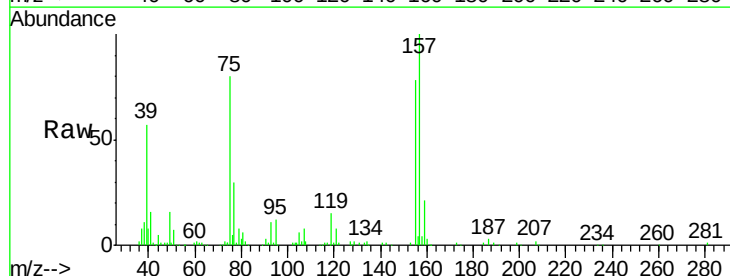
Manual Integrations
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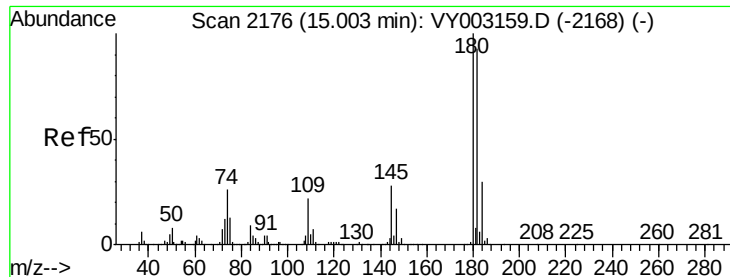
MMDadoda
 7/17/2020 4:43:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.636 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	48.1	144.3
157	121.1	61.9	185.6





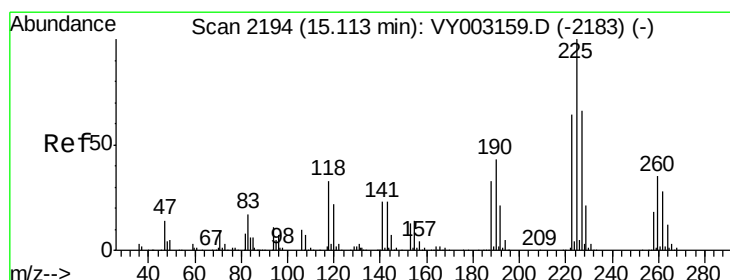
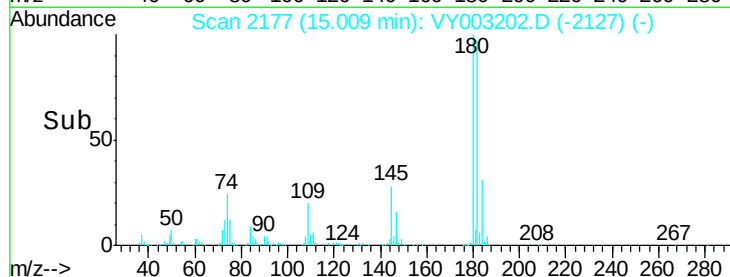
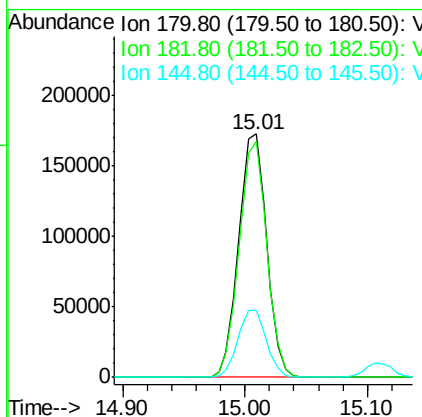
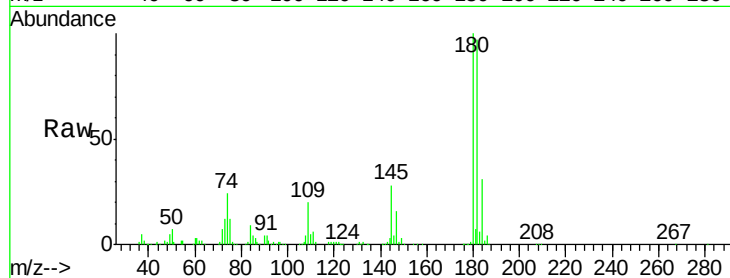
#93
 1,2,4-Trichlorobenzene
 Concen: 46.443 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	274338		
182	95.6	47.3	142.0	
145	27.9	13.7	41.1	

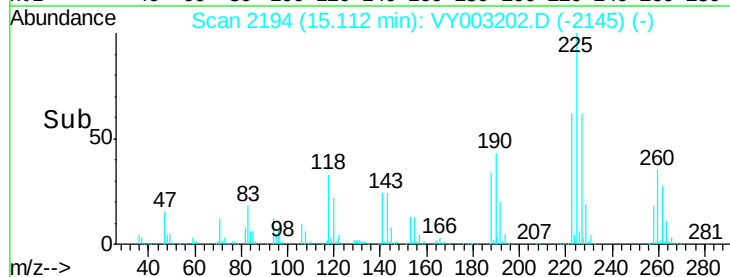
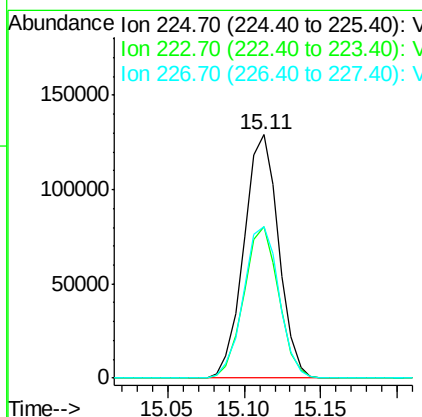
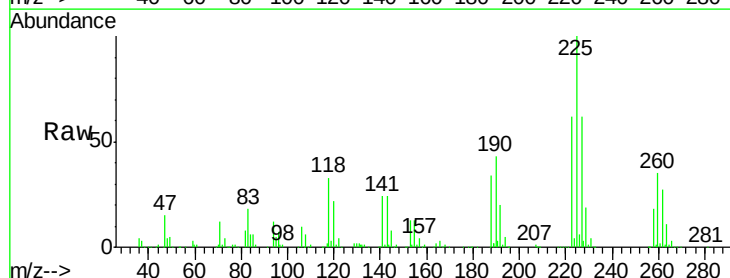
Manual Integrations
 APPROVED

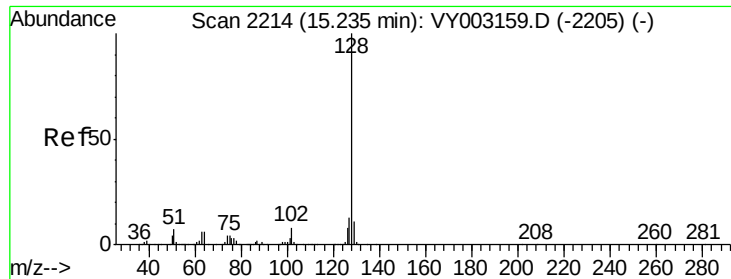
MMDadoda
 7/17/2020 4:43:04 PM



#94
 Hexachlorobutadiene
 Concen: 50.291 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003202.D
 Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	203553		
223	62.3	31.6	94.7	
227	64.0	32.3	96.8	





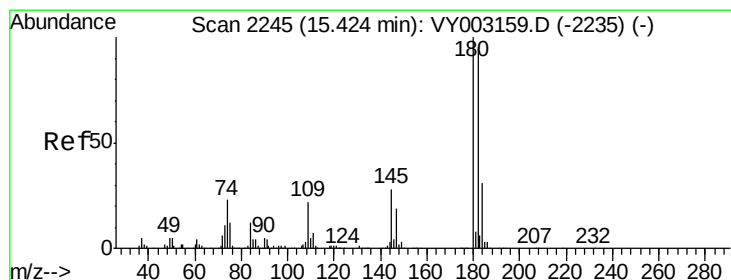
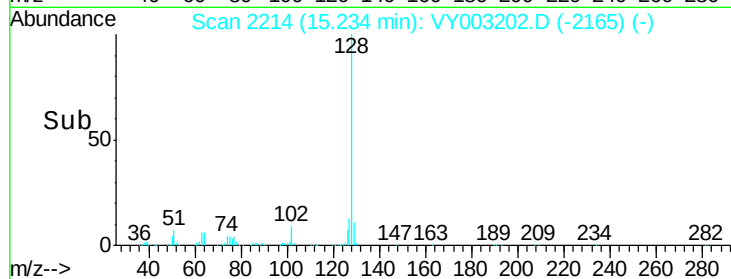
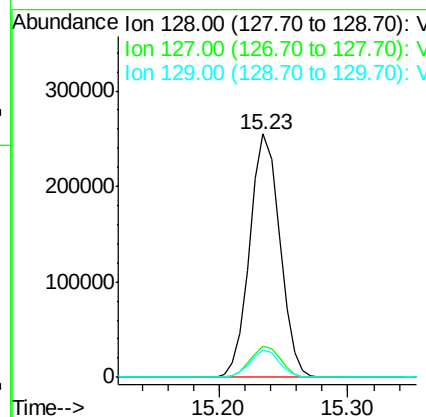
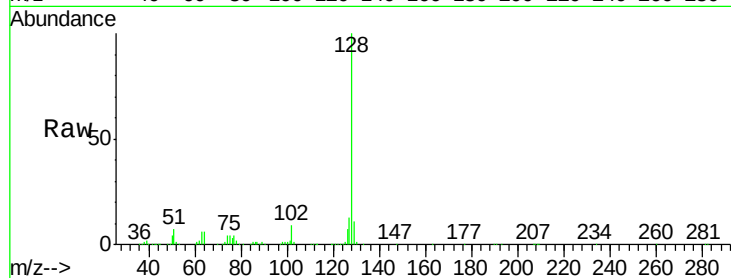
#95
Naphthalene
Concen: 42.076 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	410754		
127	13.1		10.9	16.3
129	11.0		9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/17/2020 4:43:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 41.579 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003202.D
Acq: 16 Jul 2020 10:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194149		
182	96.5		48.8	146.3
145	29.8		14.9	44.5

