

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001695.D
 Acq On : 19 Feb 2020 12:46
 Operator : SY/MD
 Sample : VY0219SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 5:56:07 PM

Quant Time: Feb 19 17:58:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	178906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	312649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	133896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	98283	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.74	113	90307	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.19	98	375021	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
62) 4-Bromofluorobenzene	12.49	95	133383	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	28713	16.465	ug/l	96
3) Chloromethane	2.12	50	40591	17.305	ug/l	96
4) Vinyl Chloride	2.26	62	41583	17.576	ug/l	99
5) Bromomethane	2.65	94	27800	18.801	ug/l	95
6) Chloroethane	2.80	64	26421	18.123	ug/l	95
7) Trichlorofluoromethane	3.14	101	55897	18.460	ug/l	98
8) Diethyl Ether	3.55	74	21827	18.285	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	35627	18.719	ug/l	100
10) Methyl Iodide	4.11	142	39914	17.136	ug/l	100
11) Tert butyl alcohol	4.99	59	26096	102.069	ug/l #	95
12) 1,1-Dichloroethene	3.90	96	35273	18.171	ug/l	99
13) Acrolein	3.76	56	18305	94.184	ug/l	98
14) Allyl chloride	4.51	41	62541	18.103	ug/l	98
15) Acrylonitrile	5.19	53	56648	92.583	ug/l	99
16) Acetone	3.97	43	52210	78.410	ug/l	95
17) Carbon Disulfide	4.22	76	114510	17.669	ug/l	98
18) Methyl Acetate	4.51	43	27334	18.850	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	99053	18.328	ug/l	98
20) Methylene Chloride	4.74	84	43000	18.181	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	39926	18.027	ug/l	98
22) Diisopropyl ether	6.15	45	130681	18.420	ug/l	95
23) Vinyl Acetate	6.09	43	419879	90.730	ug/l	99
24) 1,1-Dichloroethane	6.05	63	68761	18.134	ug/l	98
25) 2-Butanone	7.02	43	79488	87.876	ug/l	99
26) 2,2-Dichloropropane	7.01	77	59386	18.001	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	45057	18.431	ug/l	99
28) Bromochloromethane	7.36	49	29700	18.802	ug/l	99
29) Tetrahydrofuran	7.37	42	50228	91.870	ug/l	99
30) Chloroform	7.54	83	67573	18.238	ug/l	98
31) Cyclohexane	7.80	56	73245	18.117	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	56167	18.037	ug/l	98
36) 1,1-Dichloropropene	7.94	75	55436	18.563	ug/l	99
37) Ethyl Acetate	7.10	43	34055	19.106	ug/l	97
38) Carbon Tetrachloride	7.92	117	48166	18.362	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	73312	18.504	ug/l	99
40) Benzene	8.18	78	164699	18.752	ug/l	98
41) Methacrylonitrile	7.34	41	13260m	14.816	ug/l	
42) 1,2-Dichloroethane	8.26	62	44295	18.512	ug/l	99
43) Isopropyl Acetate	8.29	43	63239	18.699	ug/l	99
44) Trichloroethene	8.96	130	40356	18.406	ug/l	99
45) 1,2-Dichloropropane	9.23	63	42092	19.136	ug/l	99
46) Dibromomethane	9.32	93	21744	18.900	ug/l	98
47) Bromodichloromethane	9.51	83	51233	18.451	ug/l	100
48) Methyl methacrylate	9.31	41	27615	18.055	ug/l	97
49) 1,4-Dioxane	9.32	88	5945	365.853	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	163621	94.165	ug/l	97
52) Toluene	10.25	92	100657	18.372	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	55971	18.234	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	64635	18.295	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	32296	19.037	ug/l	99
56) Ethyl methacrylate	10.52	69	46593	18.308	ug/l	96
57) 1,3-Dichloropropane	10.80	76	56066	18.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	125325	121.081	ug/l	99
59) 2-Hexanone	10.85	43	118064	90.557	ug/l	98
60) Dibromochloromethane	11.00	129	34946	18.684	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30023	18.717	ug/l	99
64) Tetrachloroethene	10.73	164	32860	18.533	ug/l	97
65) Chlorobenzene	11.53	112	105398	18.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	35112	18.459	ug/l	99
67) Ethyl Benzene	11.60	91	193798	18.520	ug/l	100
68) m/p-Xylenes	11.71	106	146426	37.460	ug/l	98
69) o-Xylene	12.04	106	69567	18.720	ug/l	96
70) Styrene	12.05	104	120296	18.626	ug/l	99
71) Bromoform	12.22	173	19173	17.638	ug/l #	97
73) Isopropylbenzene	12.34	105	186587	18.292	ug/l	100
74) N-amyl acetate	12.15	43	59316	18.221	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	40279	18.494	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	23910m	15.567	ug/l	
77) Bromobenzene	12.62	156	40005	18.091	ug/l	96
78) n-propylbenzene	12.68	91	227125	18.282	ug/l	98
79) 2-Chlorotoluene	12.77	91	125084	17.952	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	153800	18.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	13956	17.238	ug/l	95
82) 4-Chlorotoluene	12.86	91	134452	18.296	ug/l	98
83) tert-Butylbenzene	13.08	119	128077	18.136	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	155302	18.449	ug/l	99
85) sec-Butylbenzene	13.26	105	191851	18.471	ug/l	99
86) p-Isopropyltoluene	13.38	119	165949	18.392	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	79106	18.446	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	81404	18.778	ug/l	100
89) n-Butylbenzene	13.70	91	172026	18.658	ug/l	99
90) Hexachloroethane	13.97	117	30180	17.753	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	73721	18.627	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6146	17.099	ug/l	95

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ClientSampleId :
VY0219SBSD01

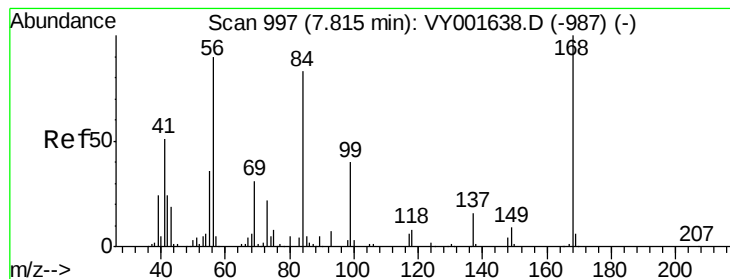
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48635	18.544	ug/l	98
94) Hexachlorobutadiene	15.12	225	24018	18.414	ug/l	99
95) Naphthalene	15.24	128	108647	17.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42666	18.491	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion:168 Resp: 178906

Ion Ratio Lower Upper

168 100

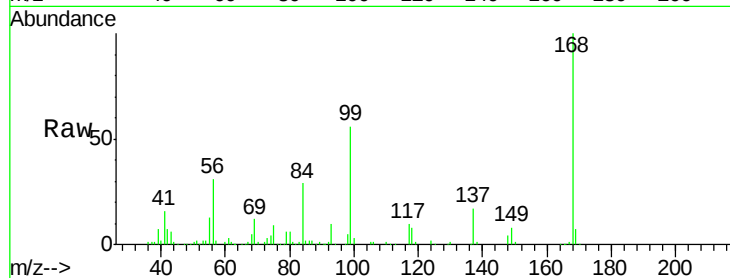
99 56.4 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

80000

60000

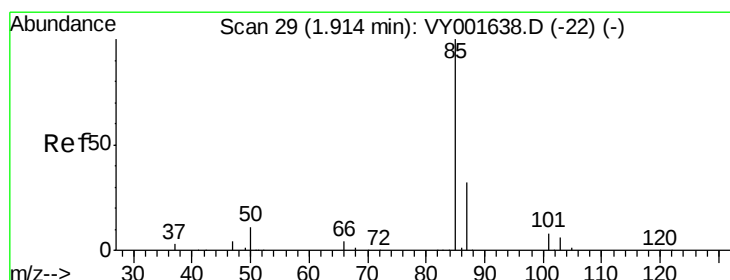
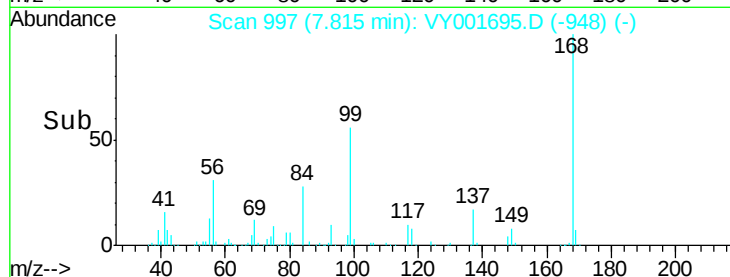
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.465 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001695.D

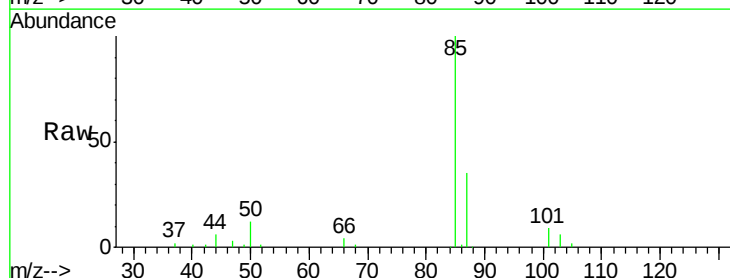
Acq: 19 Feb 2020 12:46

Tgt Ion: 85 Resp: 28713

Ion Ratio Lower Upper

85 100

87 34.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.91

20000

15000

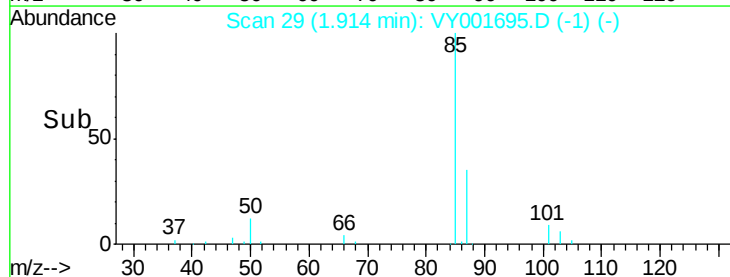
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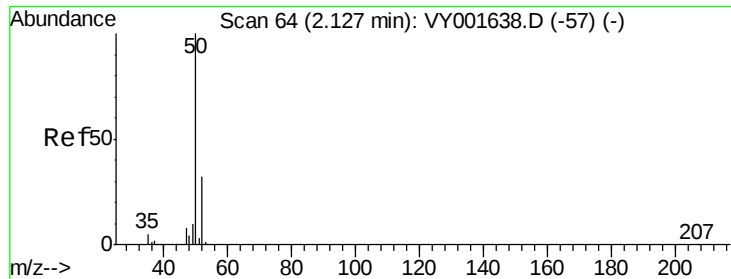
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 17.305 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBSD01

Tot Ion: 50 Resp: 40591

Ion Ratio Lower Upper

50 100

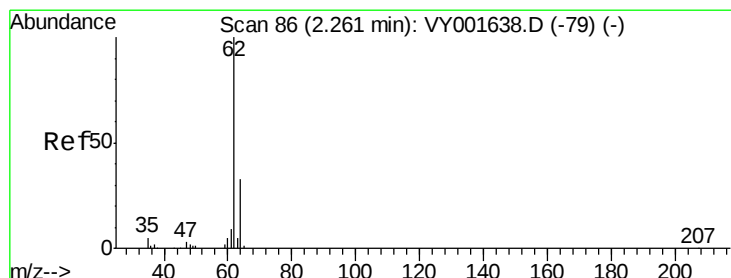
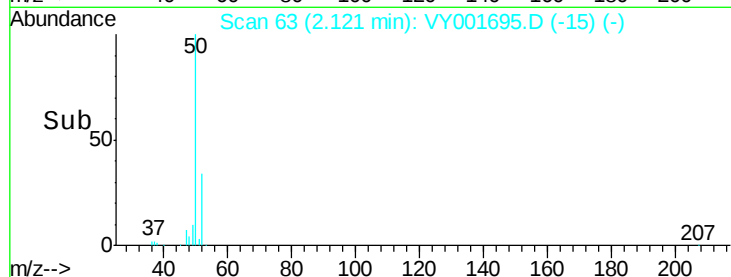
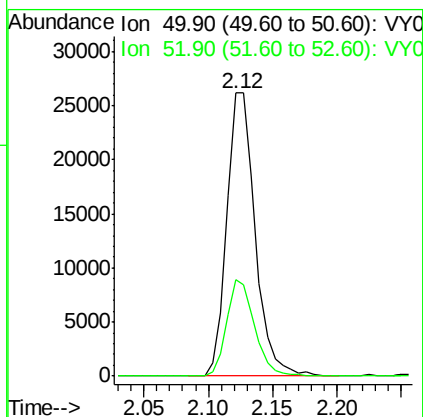
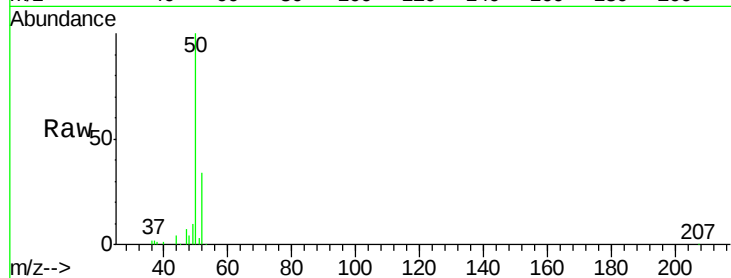
52 34.2 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.576 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001695.D

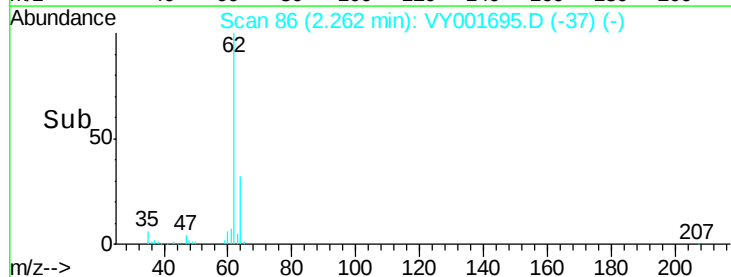
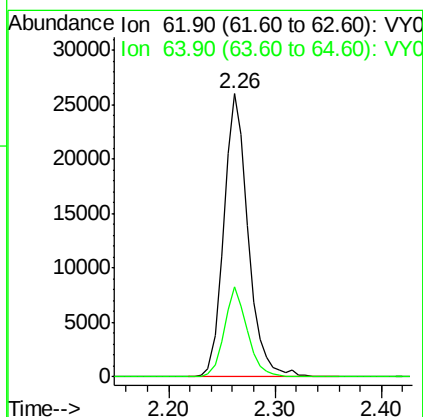
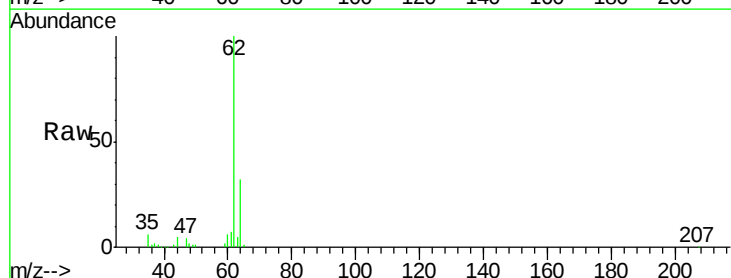
Acq: 19 Feb 2020 12:46

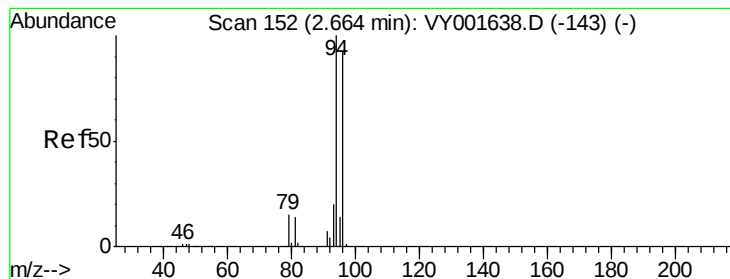
Tgt Ion: 62 Resp: 41583

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 18.801 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 94 Resp: 27800

Ion Ratio Lower Upper

94 100

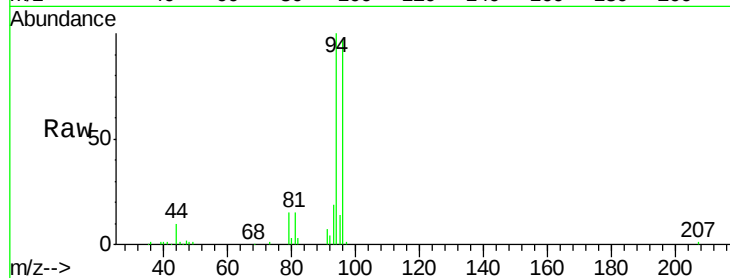
96 96.6 73.7 110.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

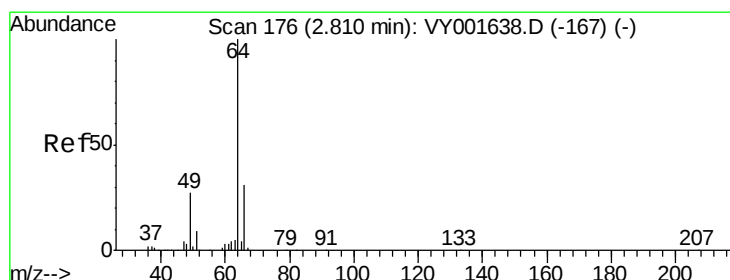
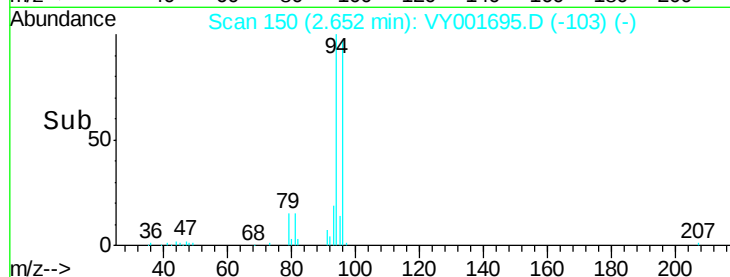
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.123 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001695.D

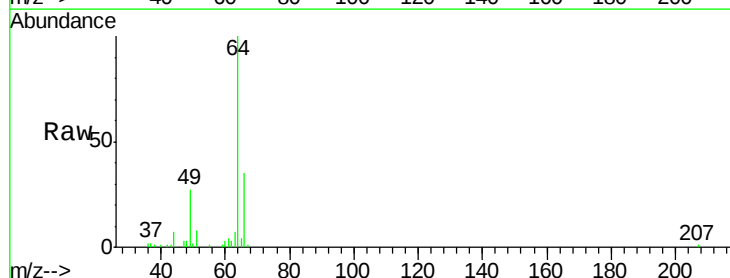
Acq: 19 Feb 2020 12:46

Tgt Ion: 64 Resp: 26421

Ion Ratio Lower Upper

64 100

66 34.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

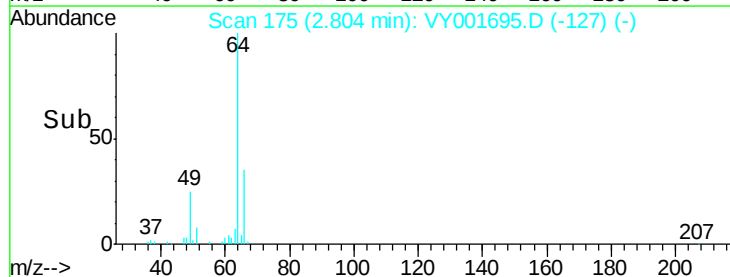
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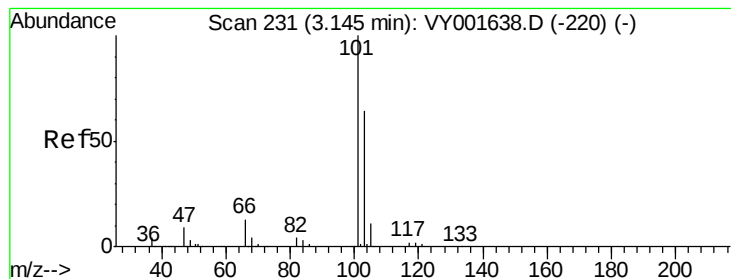
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5000

0

Time-->





#7

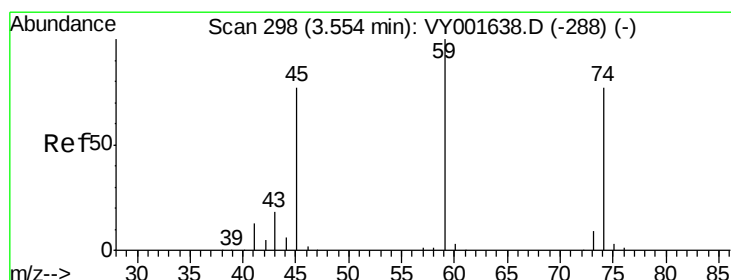
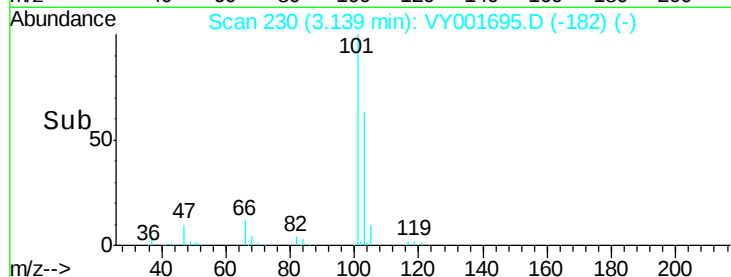
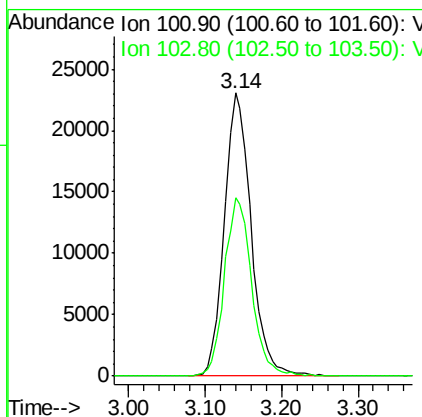
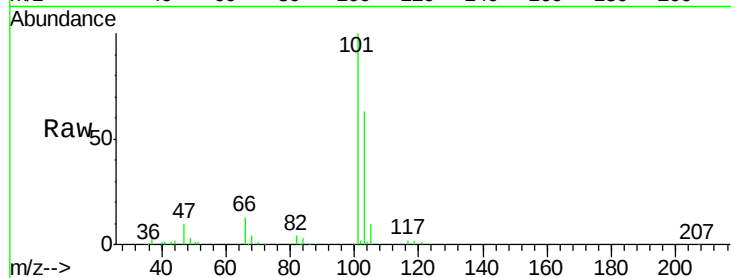
Trichlorofluoromethane
Concen: 18.460 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
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ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.2	78.2

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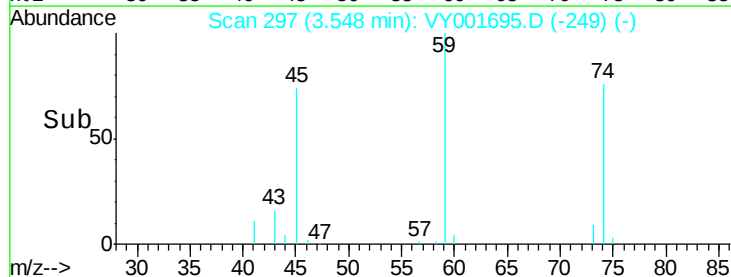
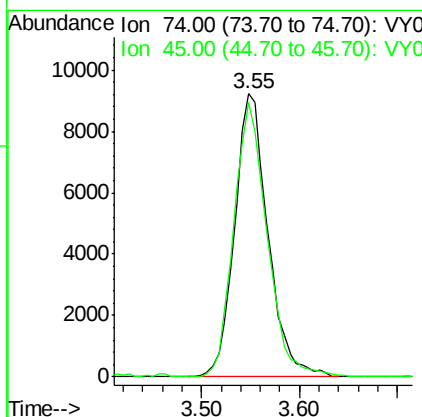
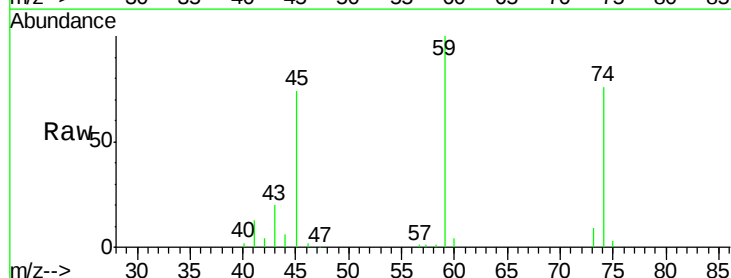
MMDadoda
2/20/2020 5:56:07 PM

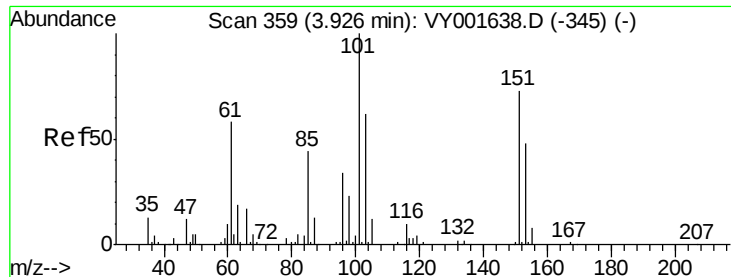


#8

Diethyl Ether
Concen: 18.285 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.719 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

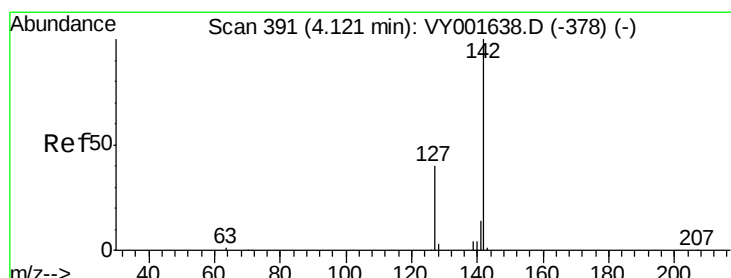
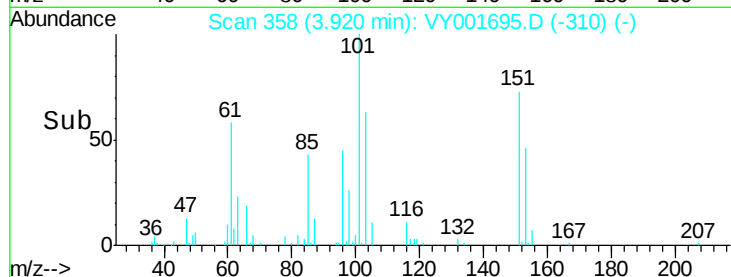
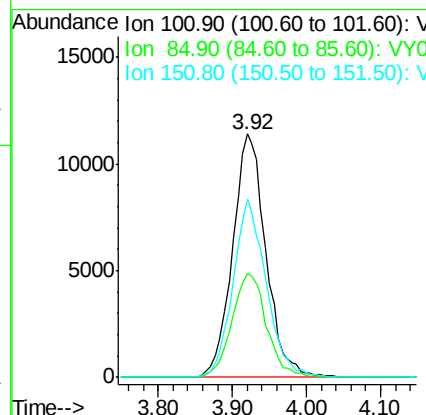
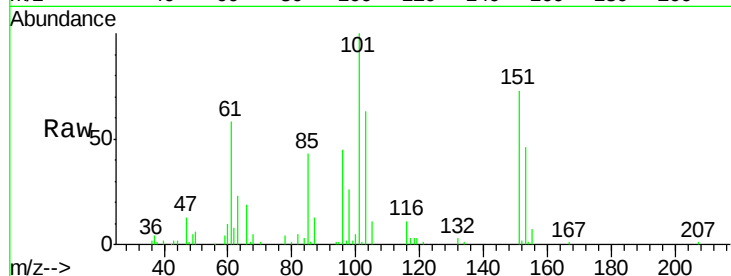
ClientSampleId :

VY0219SBS01

Tot Ion:	101	Resp:	35627
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	72.9	58.4	87.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.136 ug/l

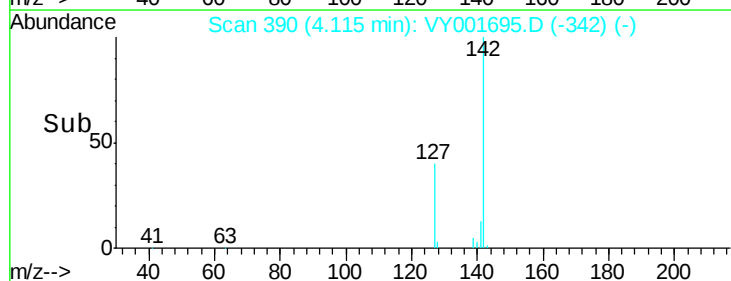
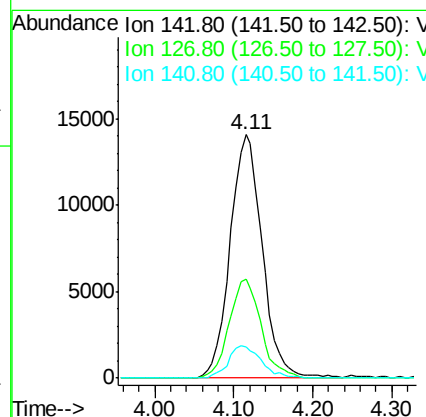
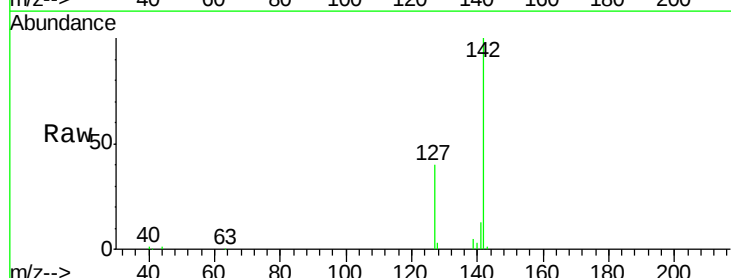
RT: 4.11 min Scan# 390

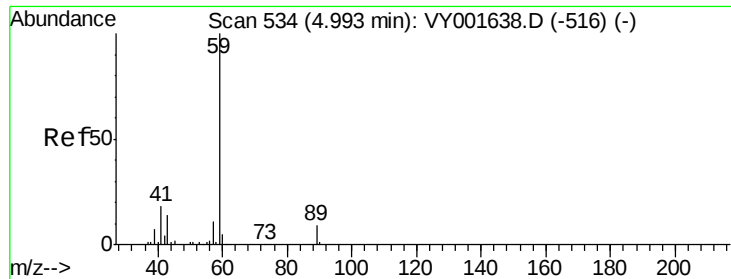
Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	142	Resp:	39914
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.1	48.1
141	13.6	11.3	16.9





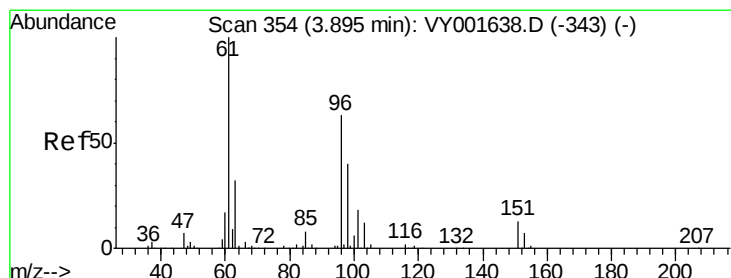
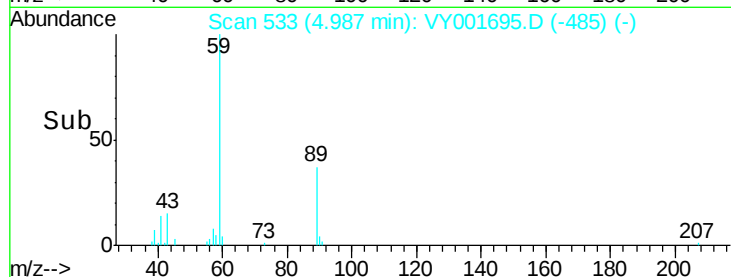
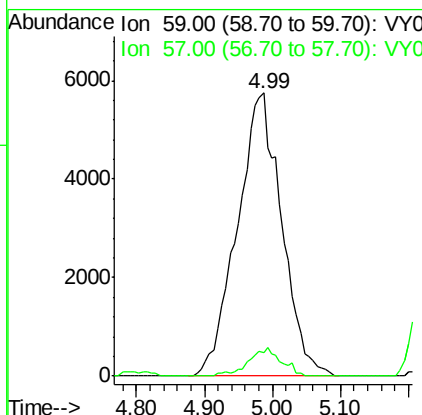
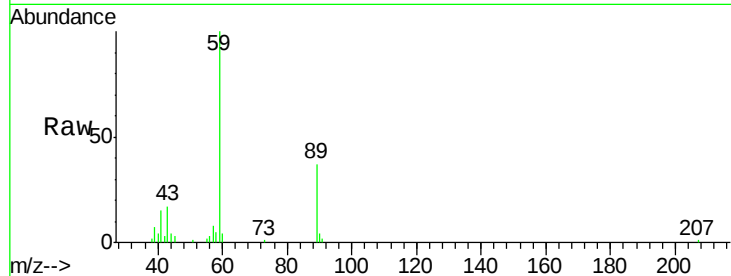
#11
Tert butyl alcohol
Concen: 102.069 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion: 59 Resp: 26096
Ion Ratio Lower Upper
59 100
57 7.4 7.4 11.2#

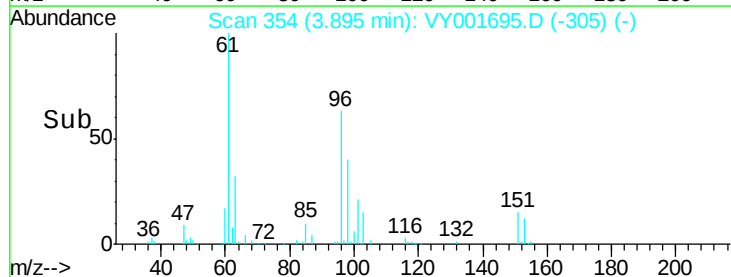
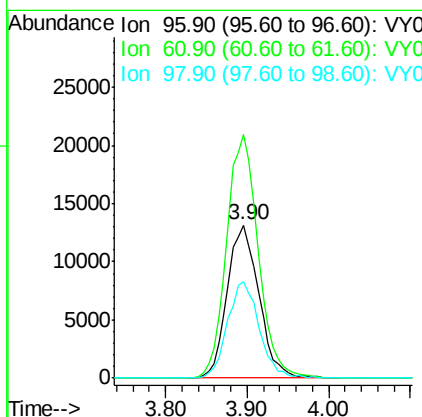
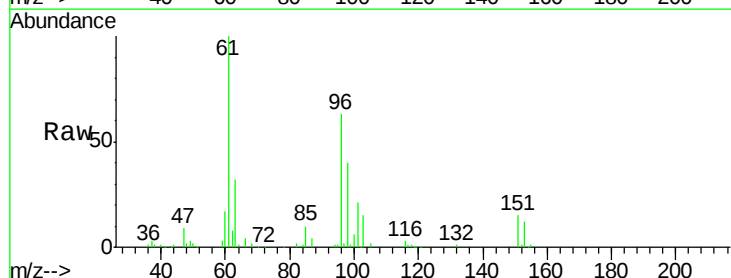
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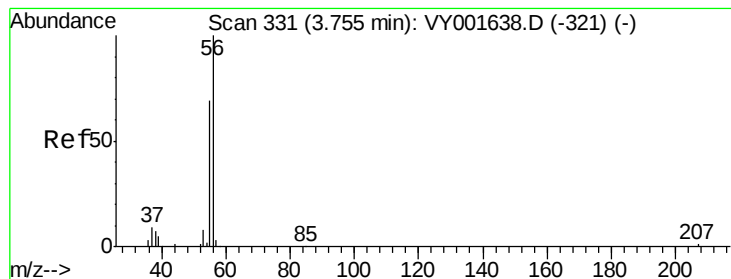
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#12
1,1-Dichloroethene
Concen: 18.171 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion: 96 Resp: 35273
Ion Ratio Lower Upper
96 100
61 159.3 128.7 193.1
98 63.2 50.7 76.1





#13

Acrolein

Concen: 94.184 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 56 Resp: 18305

Ion Ratio Lower Upper

56 100

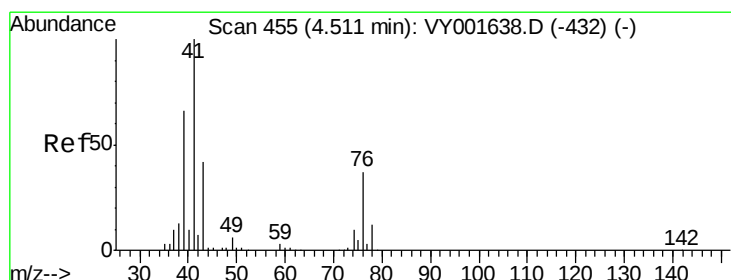
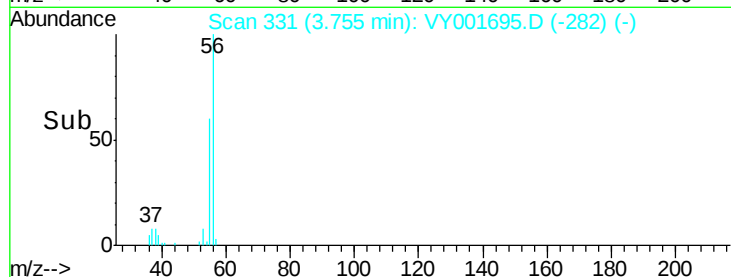
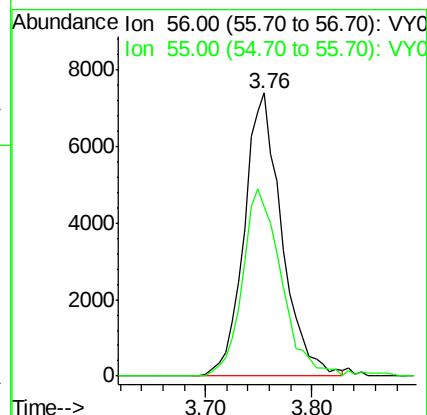
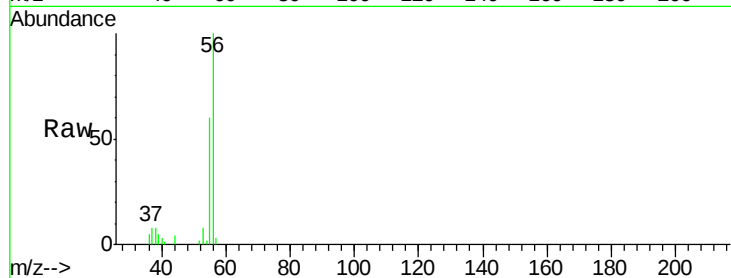
55 68.3 56.1 84.1

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#14

Allyl chloride

Concen: 18.103 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

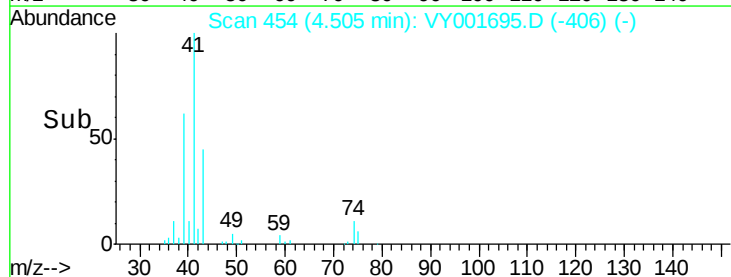
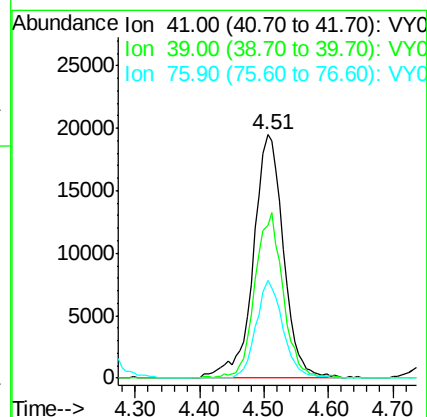
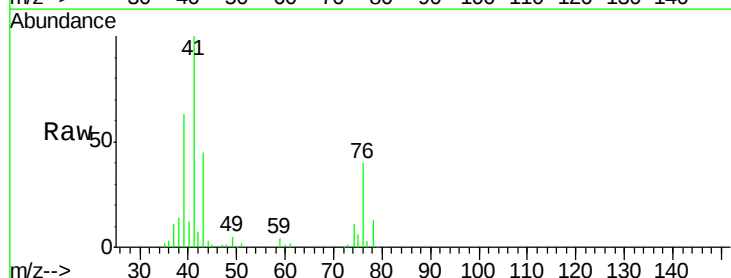
Tgt Ion: 41 Resp: 62541

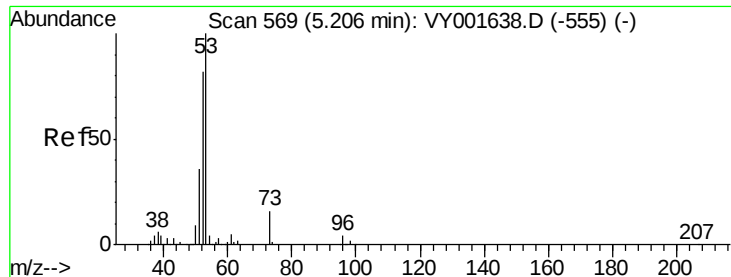
Ion Ratio Lower Upper

41 100

39 63.6 49.4 74.0

76 35.5 29.0 43.6





#15

Acrylonitrile

Concen: 92.583 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

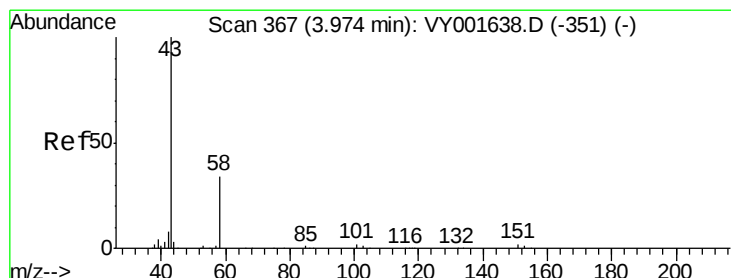
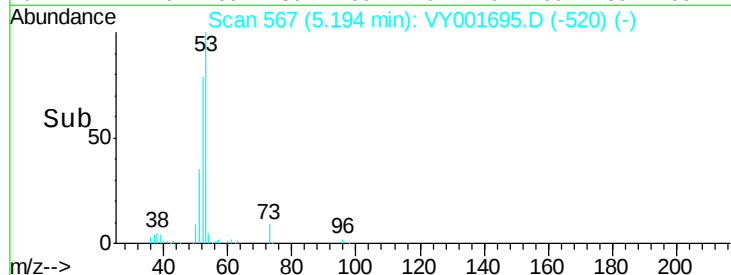
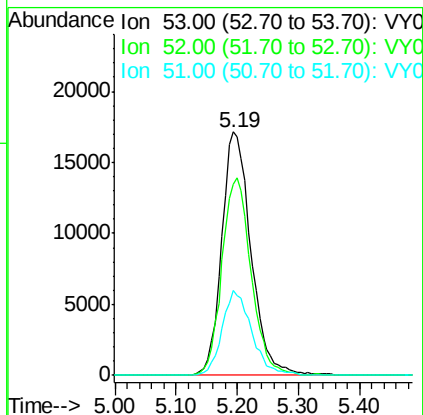
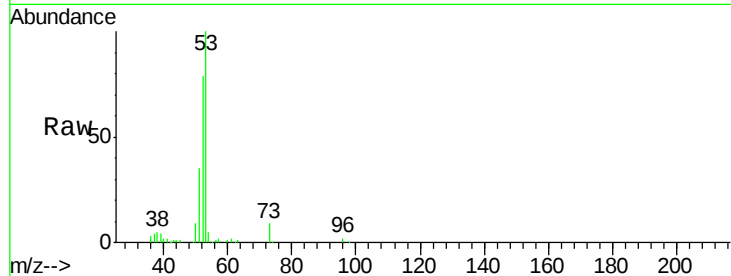
ClientSampleId :

VY0219SBS01

Tot Ion:	53	Resp:	56648
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.4	98.0
51	35.1	28.0	42.0

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#16

Acetone

Concen: 78.410 ug/l

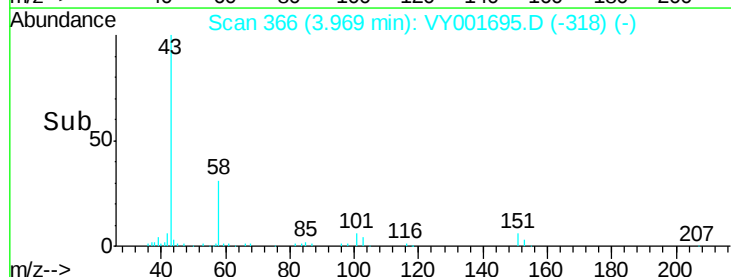
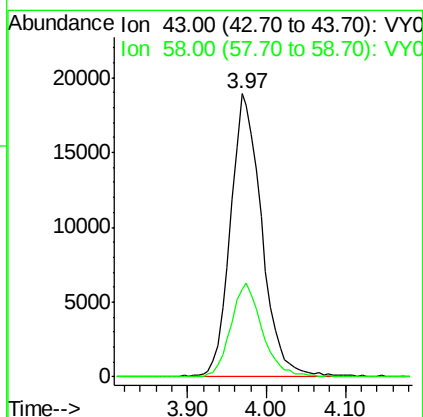
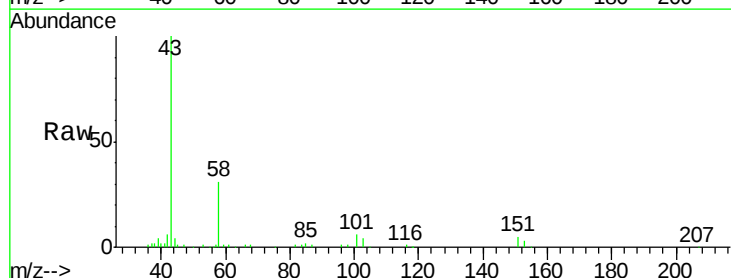
RT: 3.97 min Scan# 366

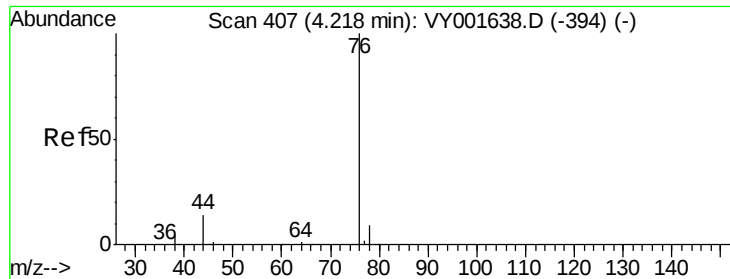
Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	43	Resp:	52210
Ion Ratio	Lower	Upper	
43	100		
58	31.0	27.3	40.9





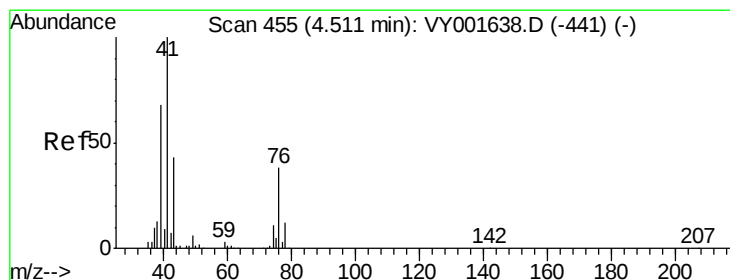
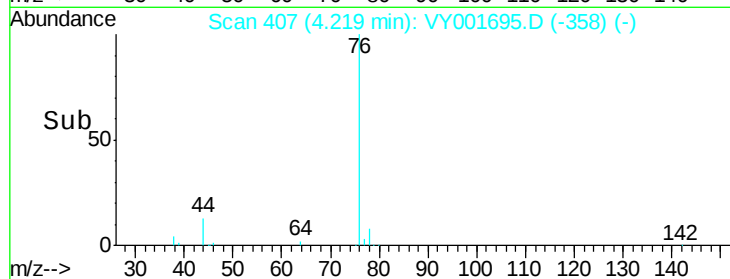
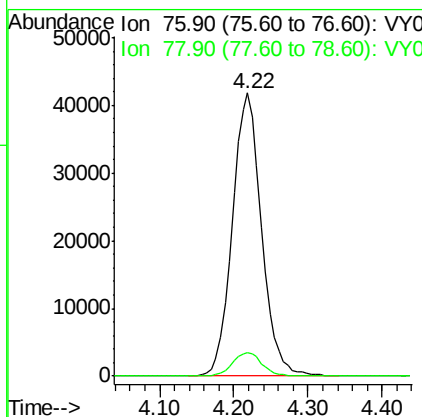
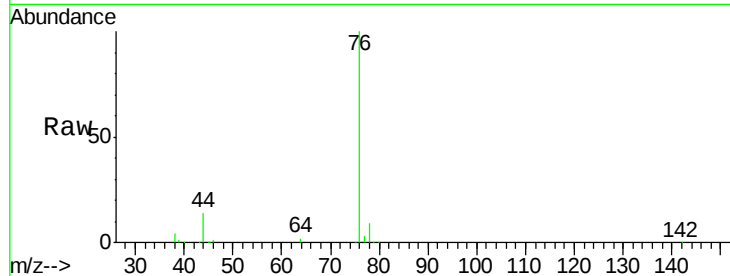
#17
Carbon Disulfide
Concen: 17.669 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ion	Ratio	Lower	Upper
76	100			
78	8.5	7.3	10.9	

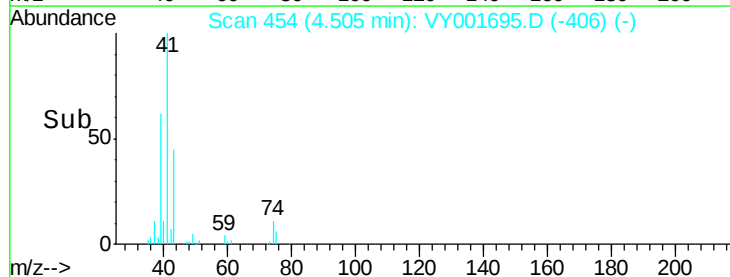
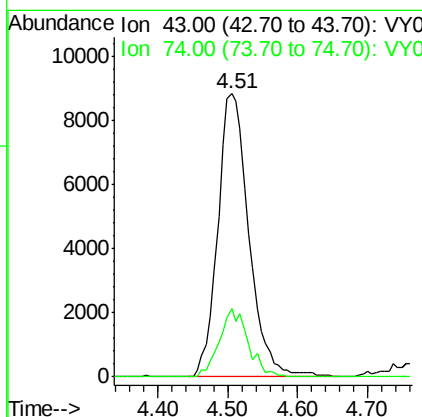
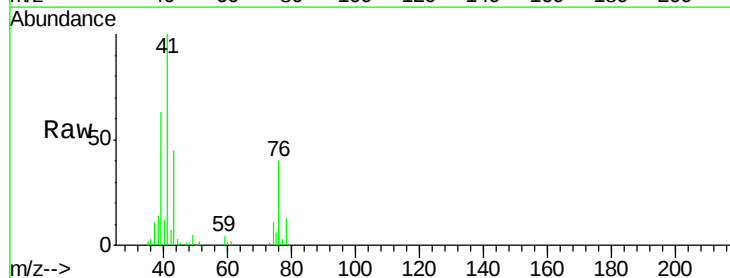
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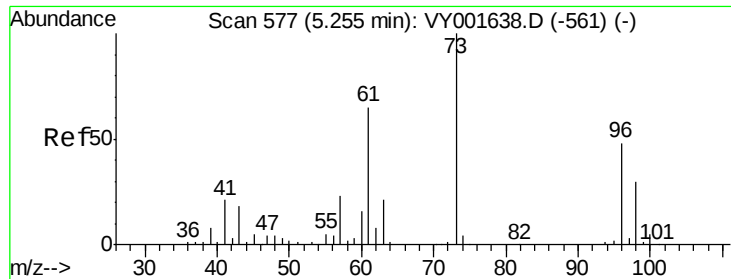
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#18
Methyl Acetate
Concen: 18.850 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
74	22.2	19.1	28.7	





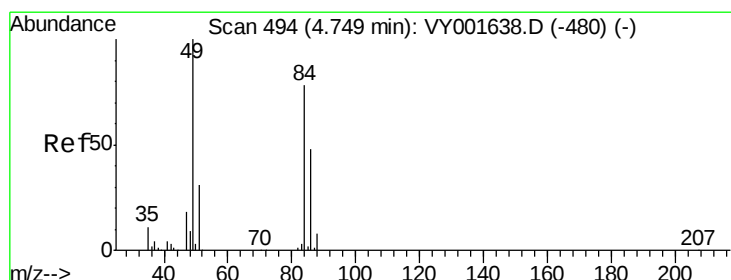
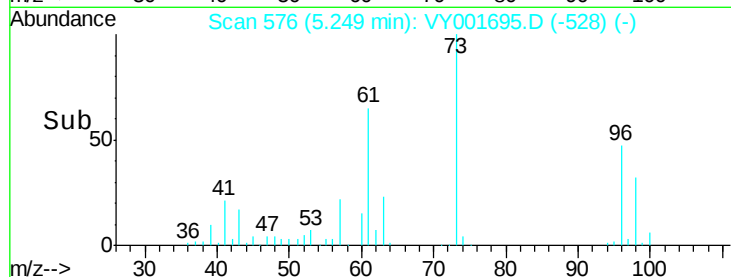
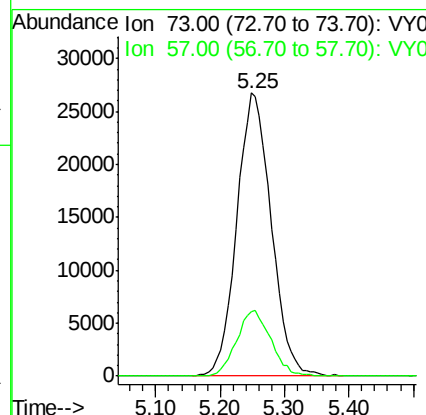
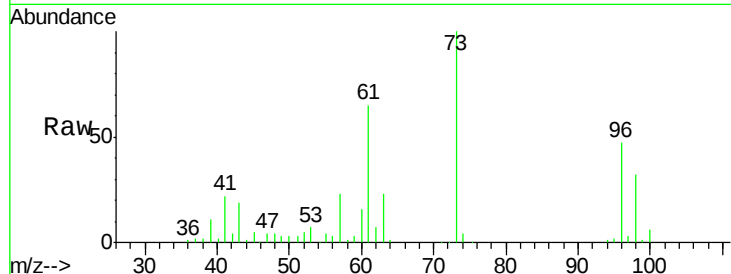
#19
Methvl tert-butvl Ether
Concen: 18.328 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion: 73 Resp: 99053
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.6

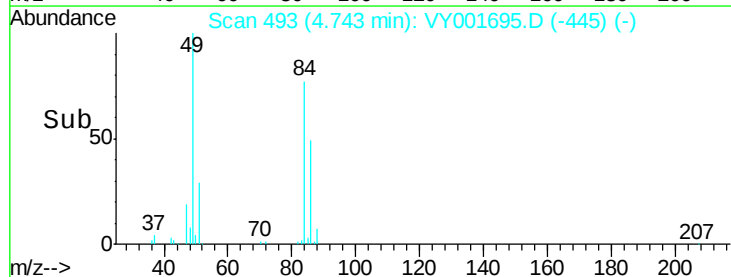
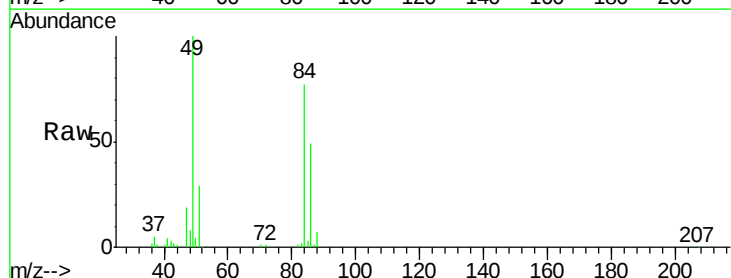
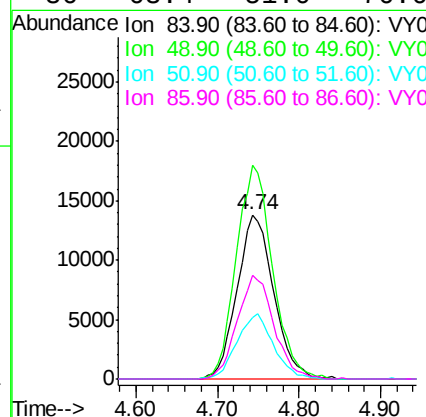
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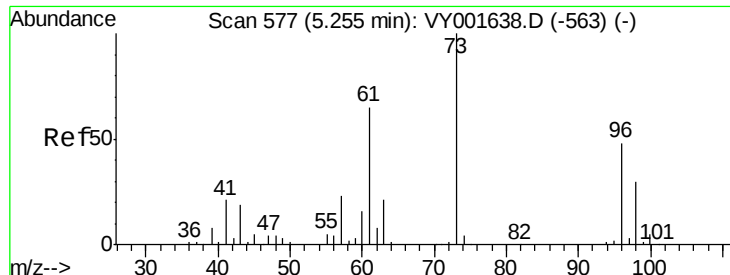
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#20
Methylene Chloride
Concen: 18.181 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion: 84 Resp: 43000
Ion Ratio Lower Upper
84 100
49 129.8 99.2 148.8
51 37.1 31.5 47.3
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.027 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 96 Resp: 39926

Ion Ratio Lower Upper

96 100

61 133.9 107.9 161.9

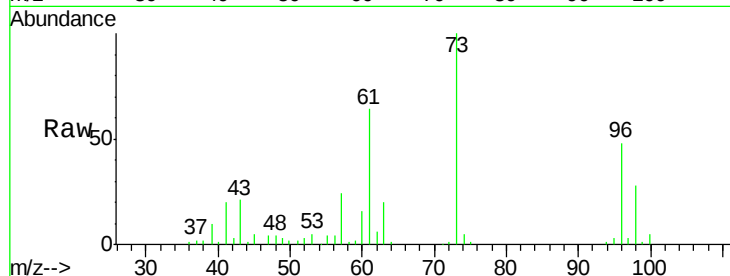
98 57.7 49.8 74.8

Manual Integrations

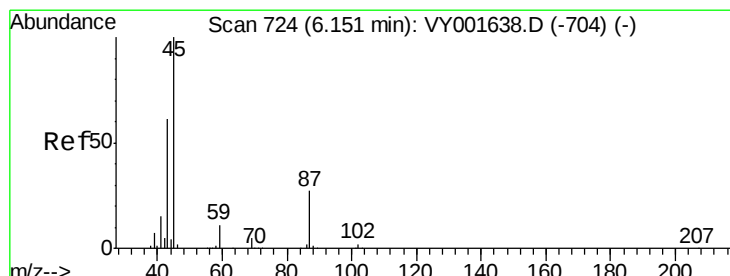
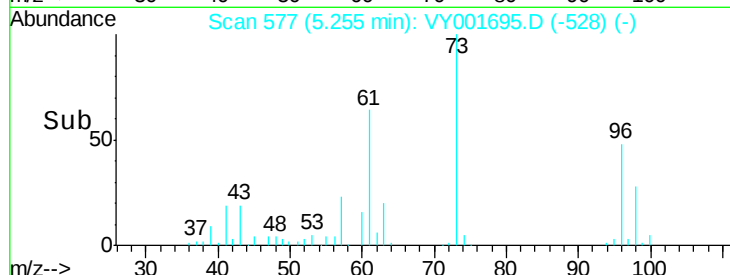
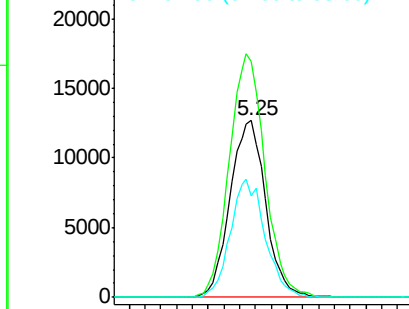
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 18.420 ug/l

RT: 6.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion: 45 Resp: 130681

Ion Ratio Lower Upper

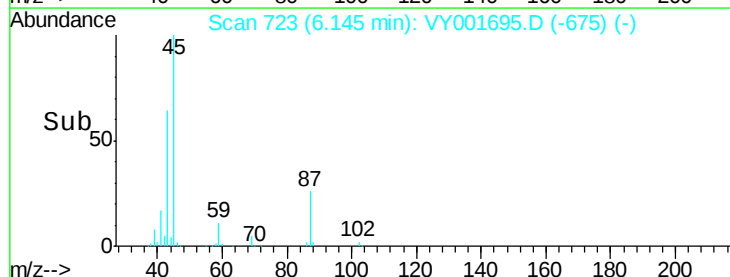
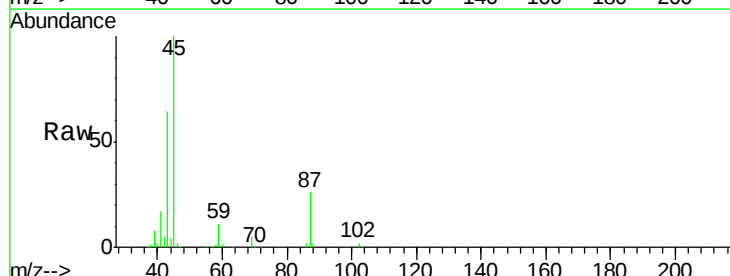
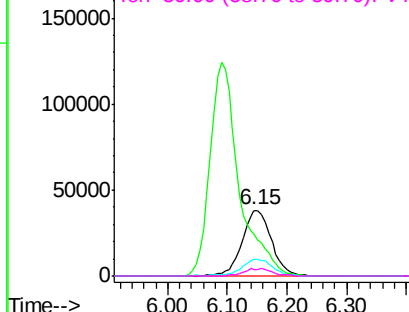
45 100

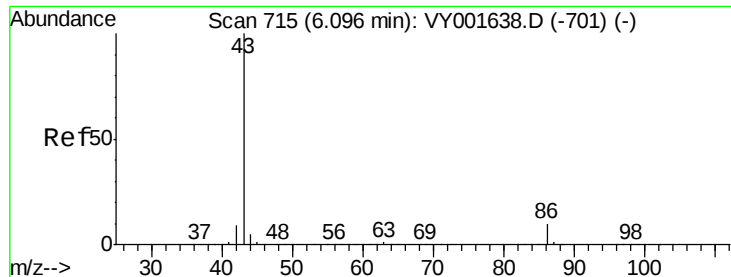
43 63.5 46.4 69.6

87 26.3 22.1 33.1

59 10.6 9.4 14.0

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: 90.730 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 43 Resp: 419879

Ion Ratio Lower Upper

43 100

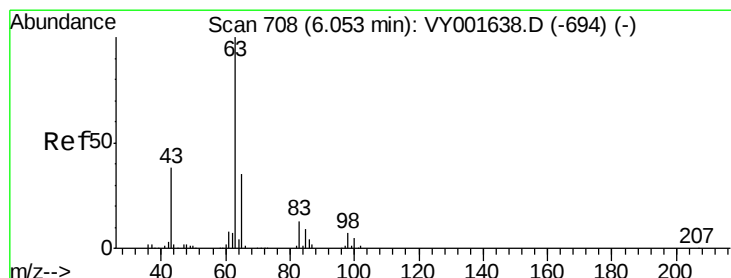
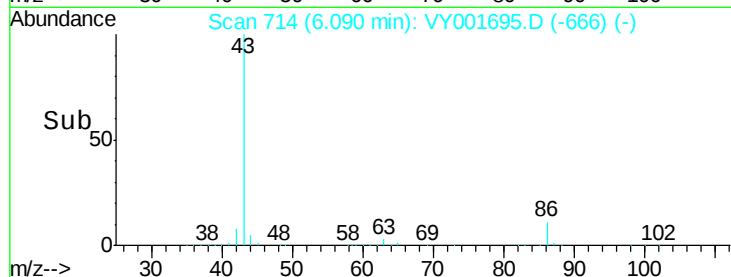
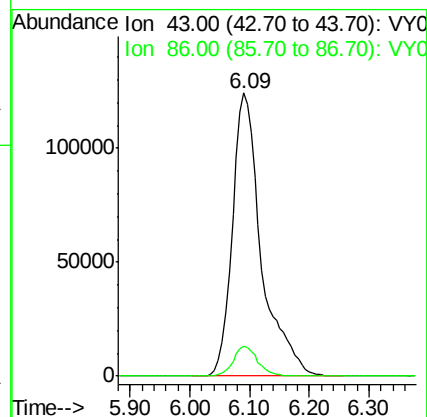
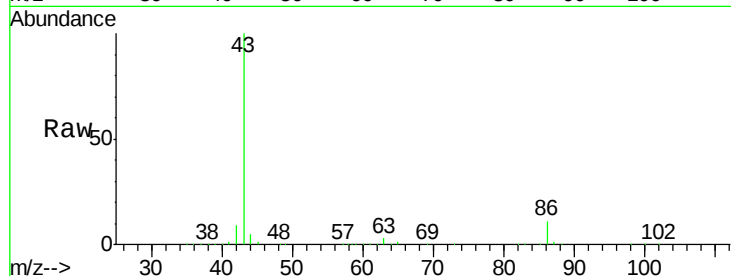
86 10.7 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 18.134 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

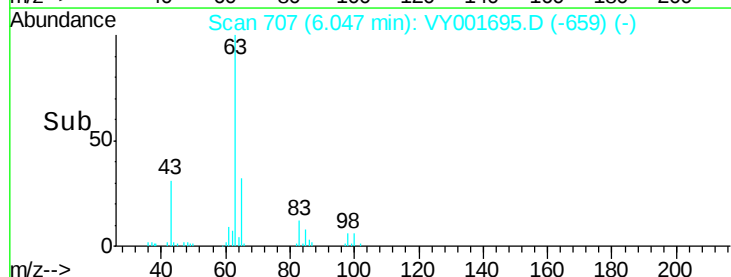
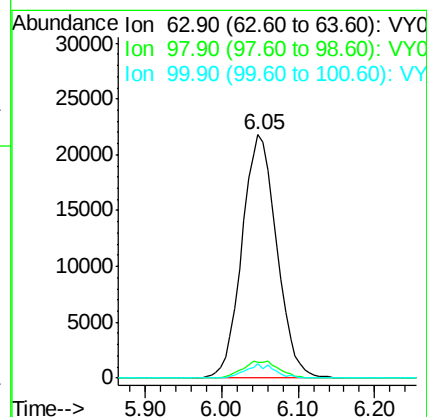
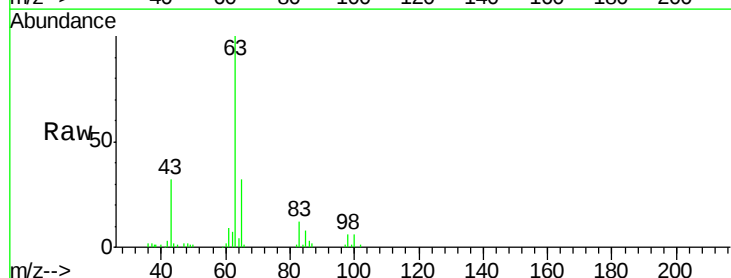
Tgt Ion: 63 Resp: 68761

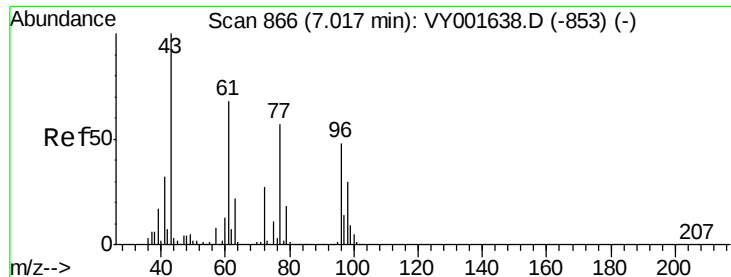
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 5.7 2.3 6.9





#25

2-Butanone

Concen: 87.876 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 43 Resp: 79488

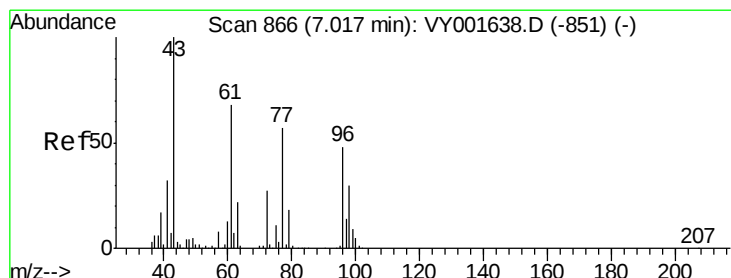
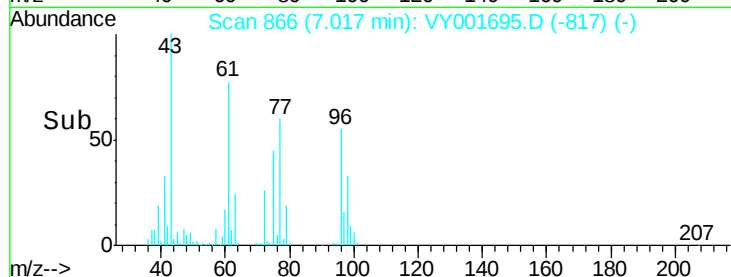
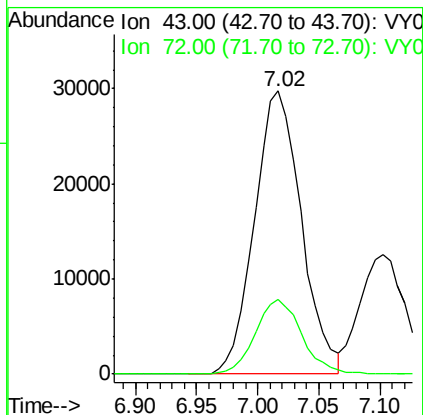
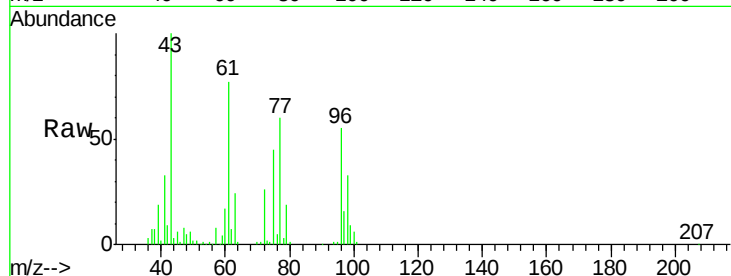
Ion Ratio Lower Upper

43 100

72 26.2 21.2 31.8

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2/20/2020 5:56:07 PM



#26

2,2-Dichloropropane

Concen: 18.001 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001695.D

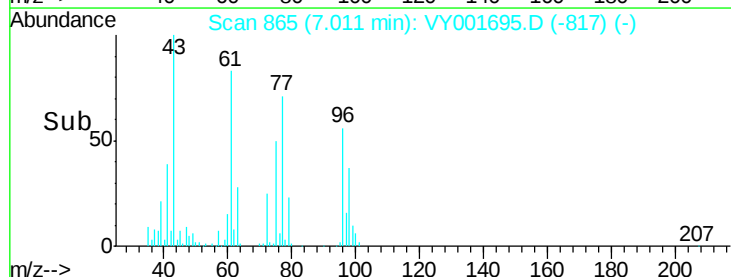
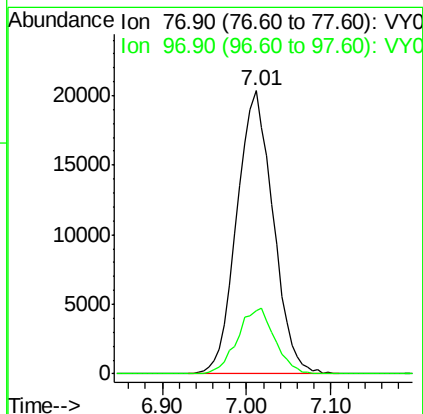
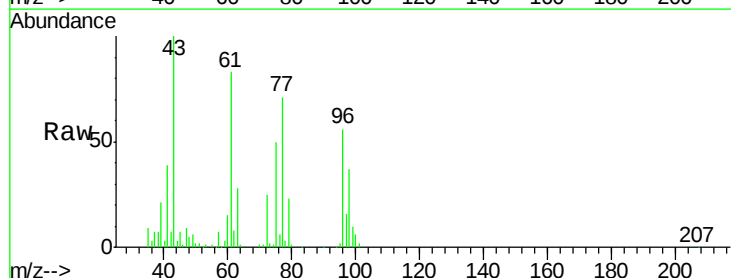
Acq: 19 Feb 2020 12:46

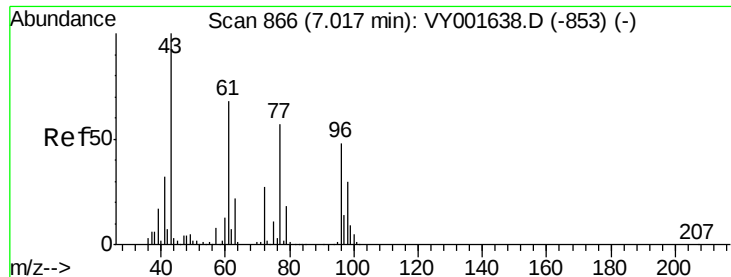
Tgt Ion: 77 Resp: 59386

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

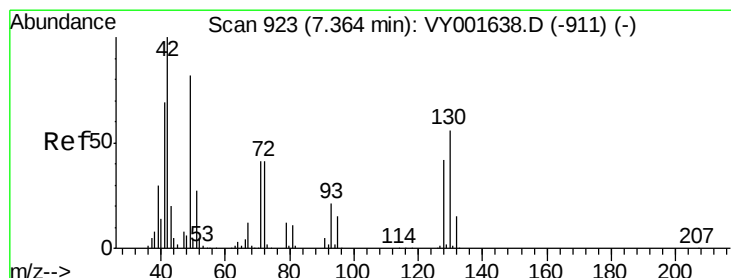
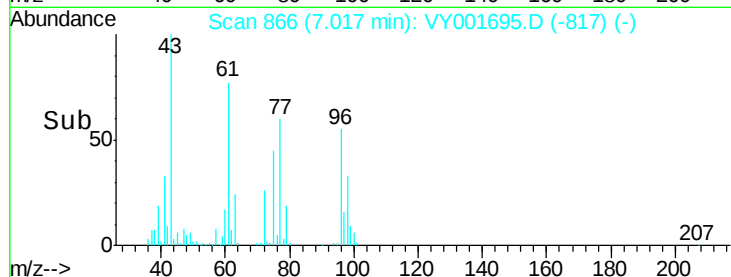
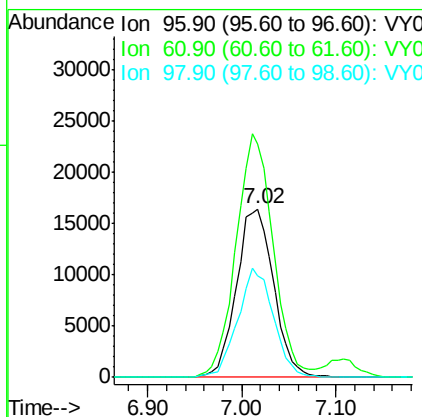
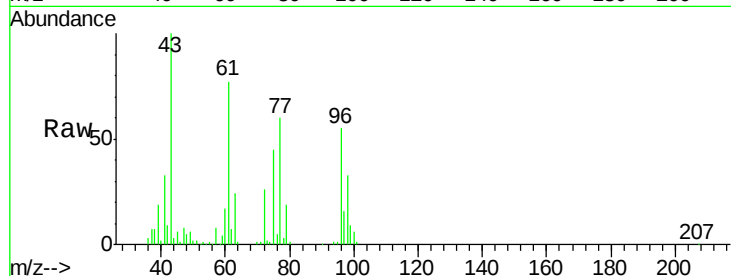
cis-1,2-Dichloroethene
Concen: 18.431 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	45057		
61	144.1	0.0	290.8	
98	62.5	0.0	128.6	

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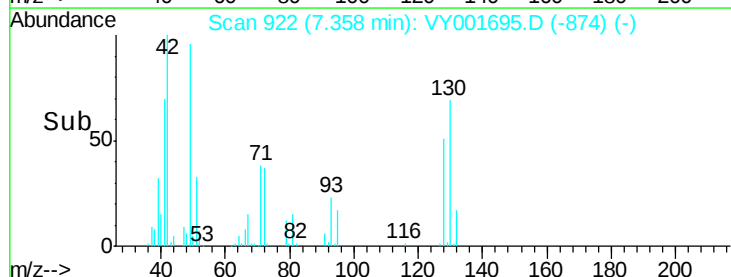
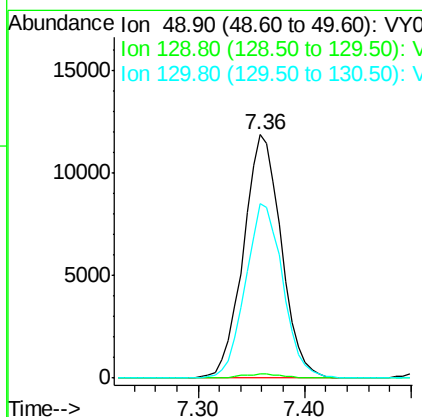
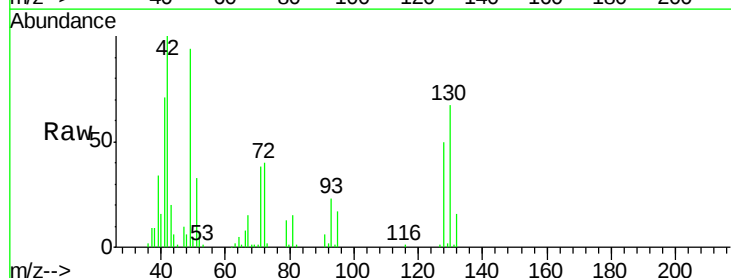
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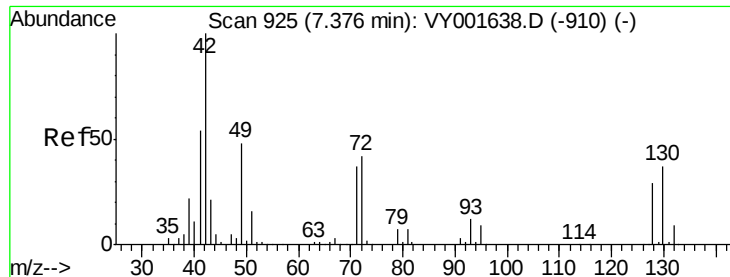


#28

Bromochloromethane
Concen: 18.802 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29700		
129	1.8	0.0	3.6	
130	70.8	56.2	84.4	





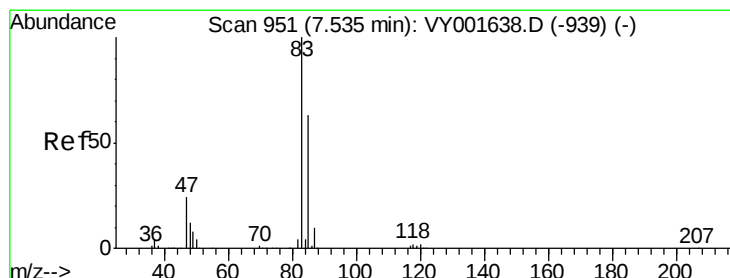
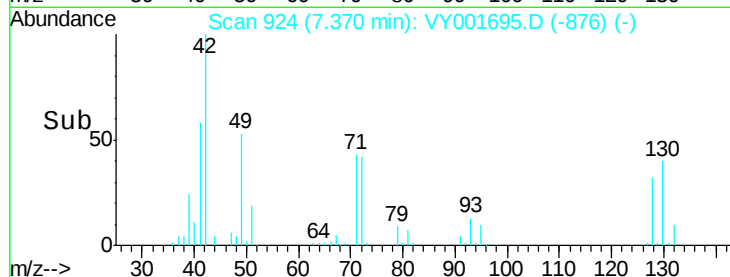
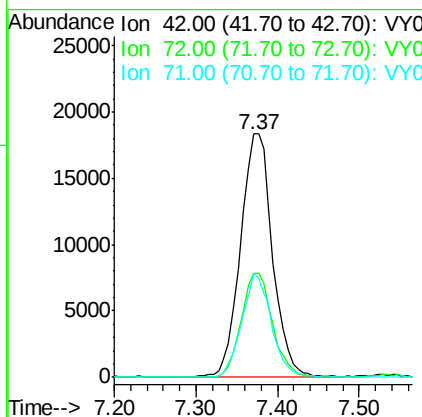
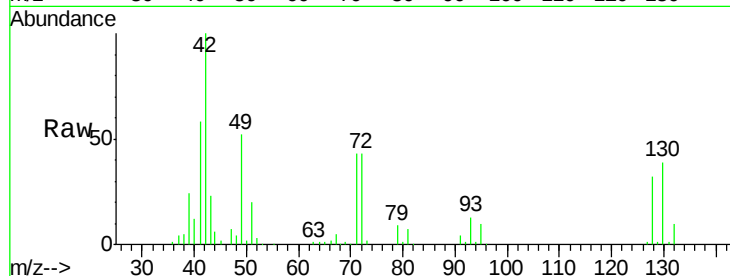
#29
Tetrahydrofuran
Concen: 91.870 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.4	51.6
71	39.3	31.8	47.8

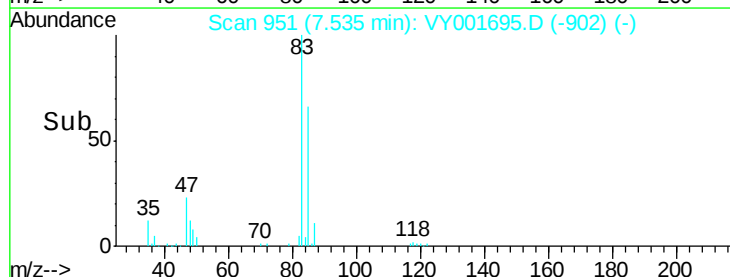
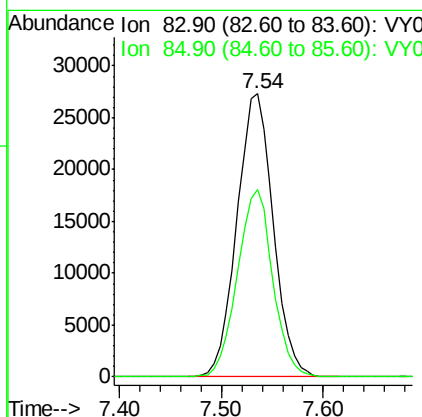
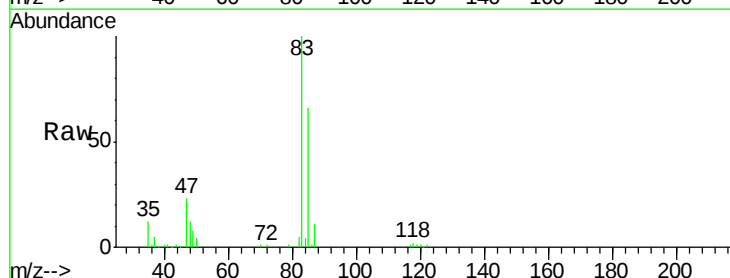
Manual Integrations
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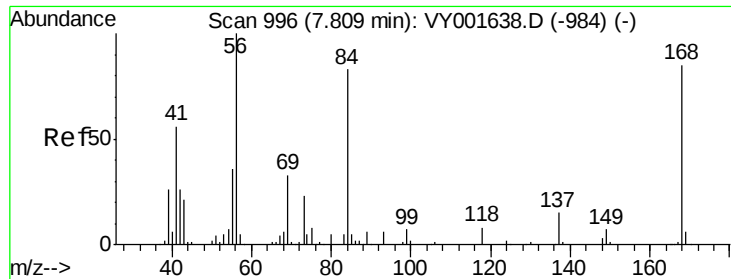
MMDadoda
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#30
Chloroform
Concen: 18.238 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.6	77.4





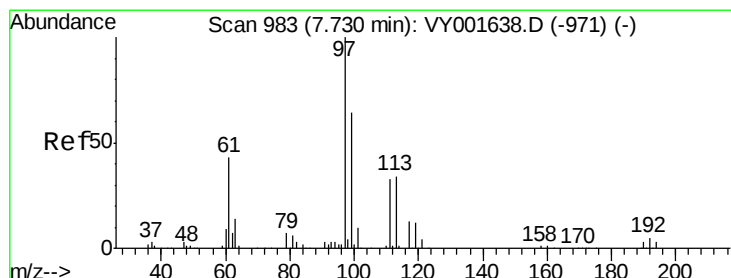
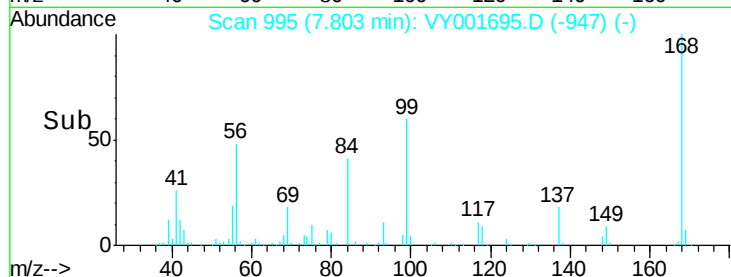
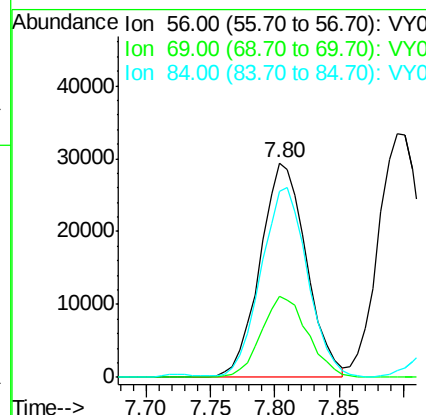
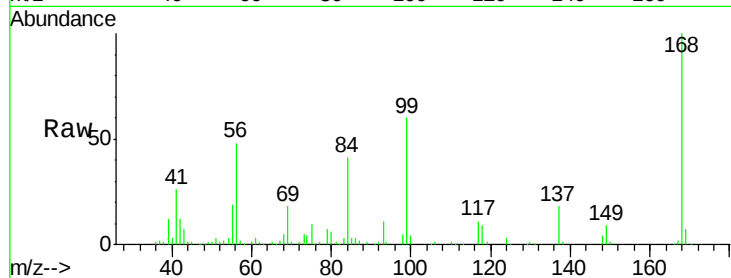
#31
Cyclohexane
Concen: 18.117 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.5	25.1	37.7
84	86.0	66.9	100.3

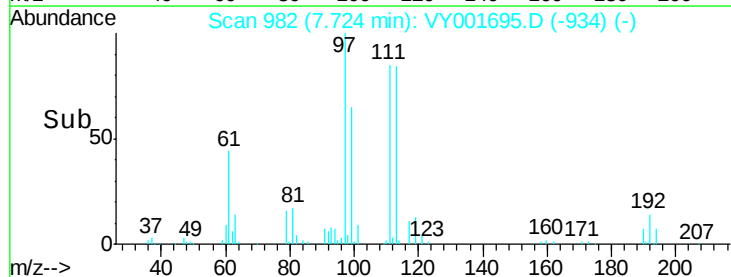
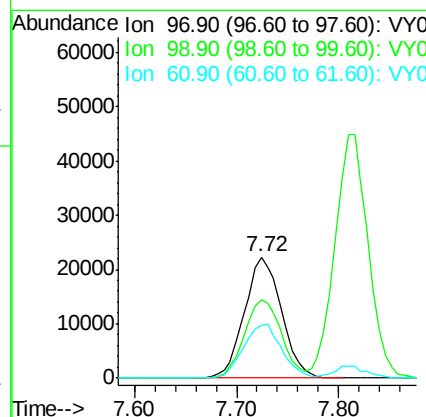
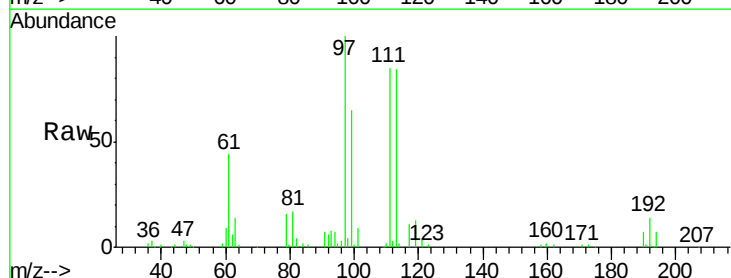
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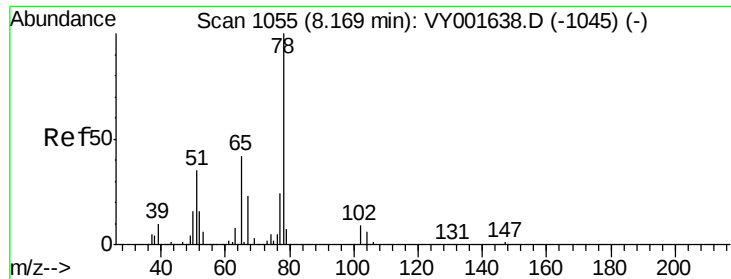
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#32
1,1,1-Trichloroethane
Concen: 18.037 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	46.0	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 51.072 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 65 Resp: 98283

Ion Ratio Lower Upper

65 100

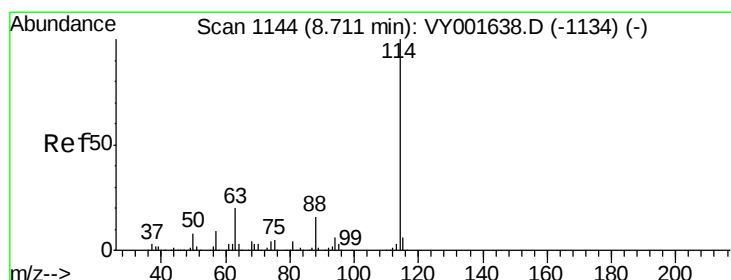
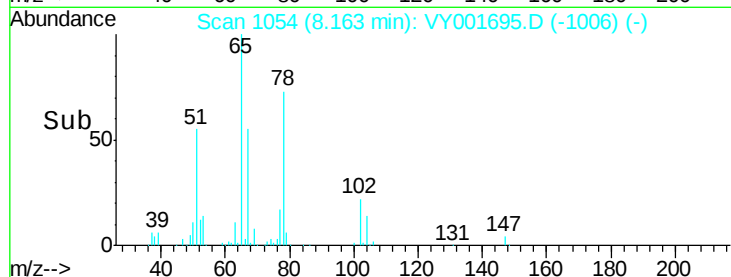
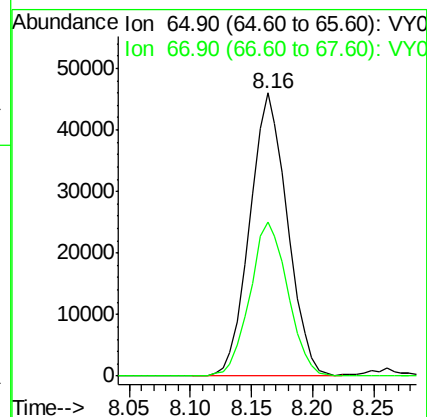
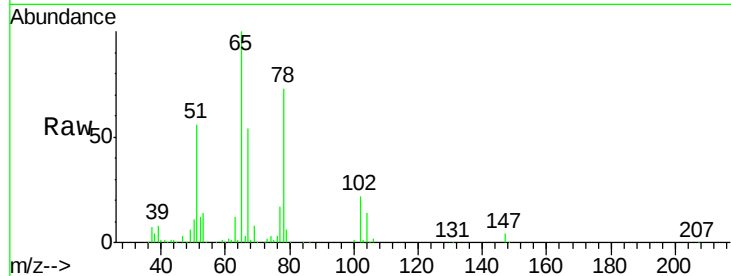
67 54.9 0.0 111.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

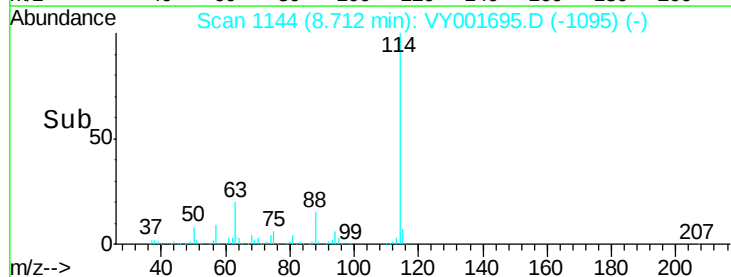
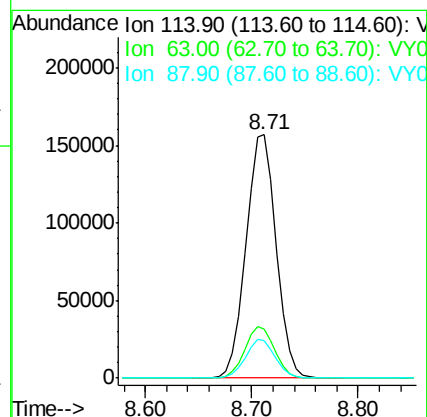
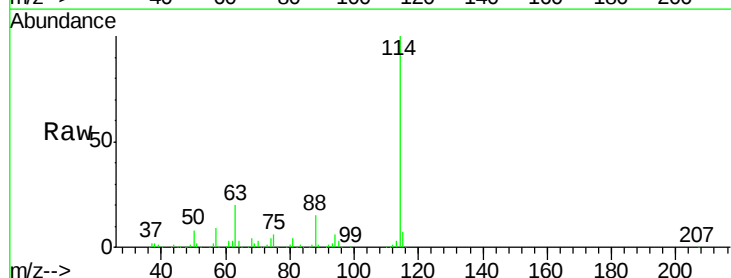
Tgt Ion: 114 Resp: 312649

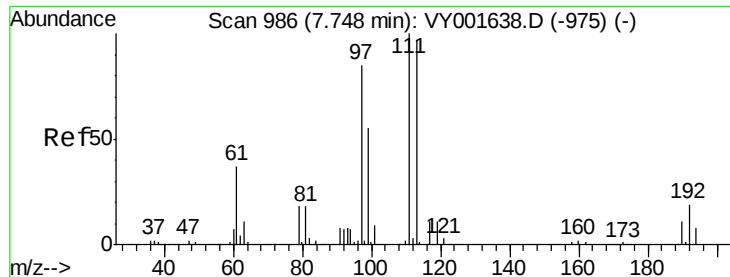
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 15.3 0.0 32.8





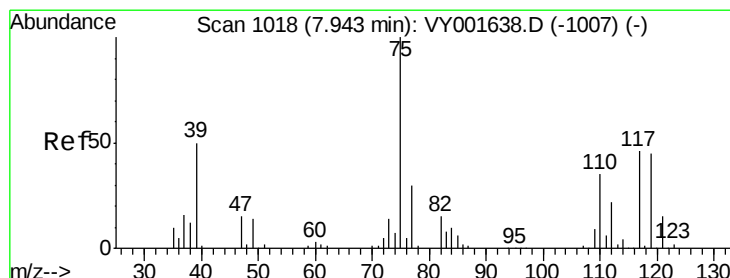
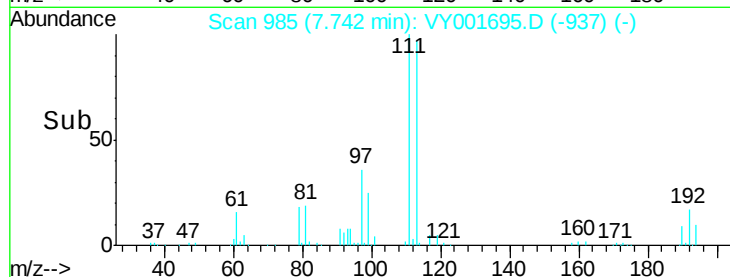
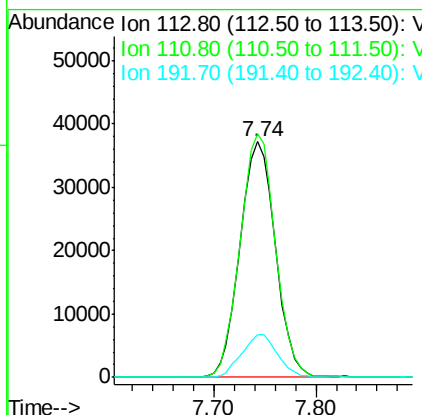
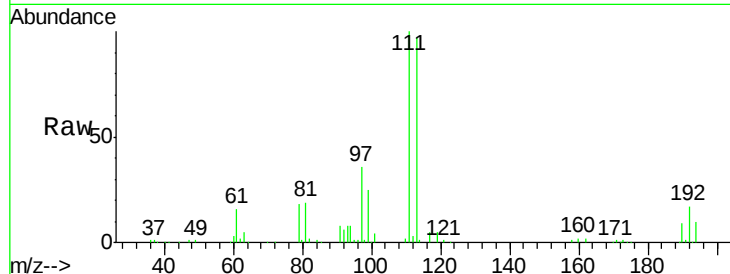
#35
 Dibromofluoromethane
 Concen: 50.431 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	18.4	14.3	21.5

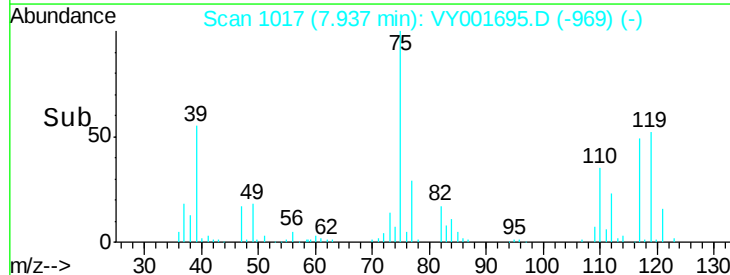
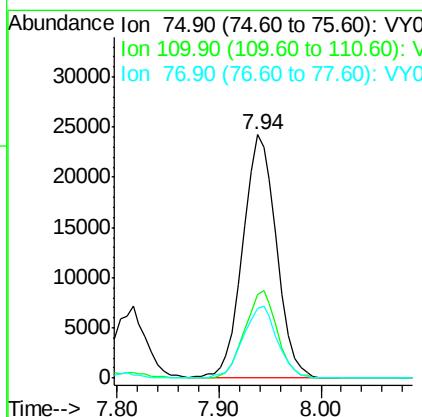
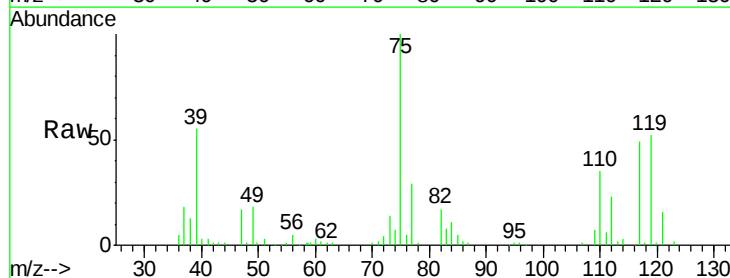
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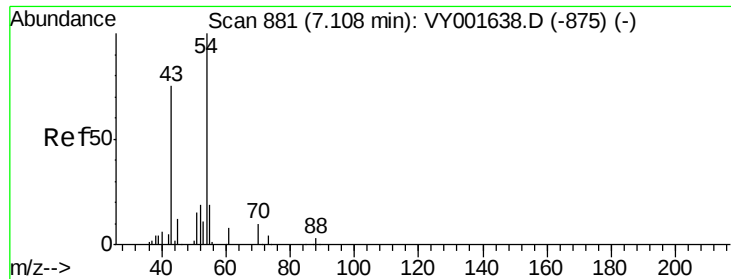
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#36
 1,1-Dichloropropene
 Concen: 18.563 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.6
77	30.4	24.8	37.2





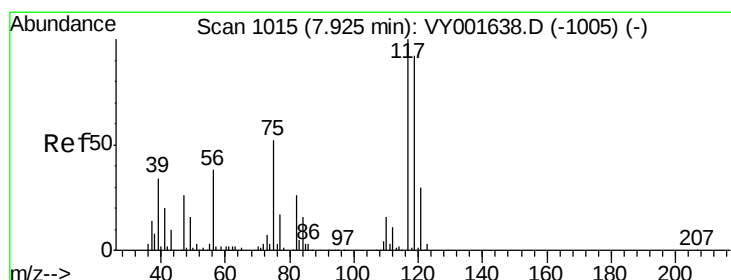
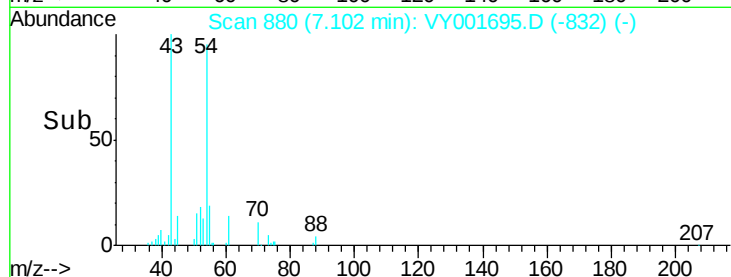
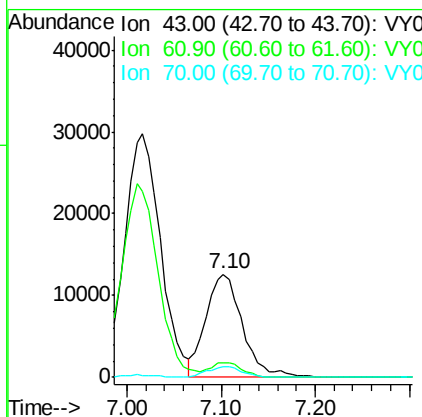
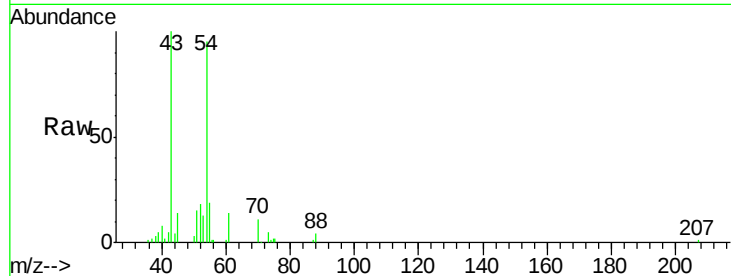
#37
Ethyl Acetate
Concen: 19.106 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.0	16.6
70	10.0	8.8	13.2

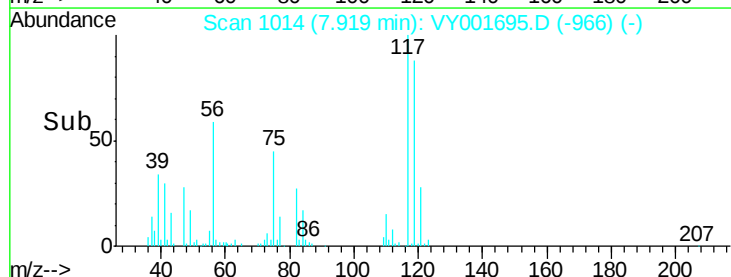
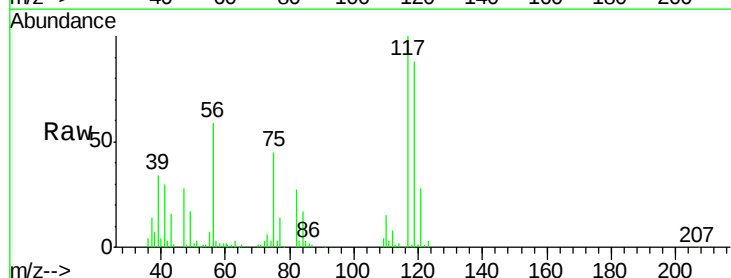
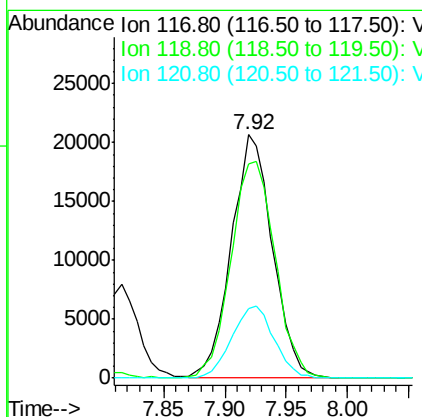
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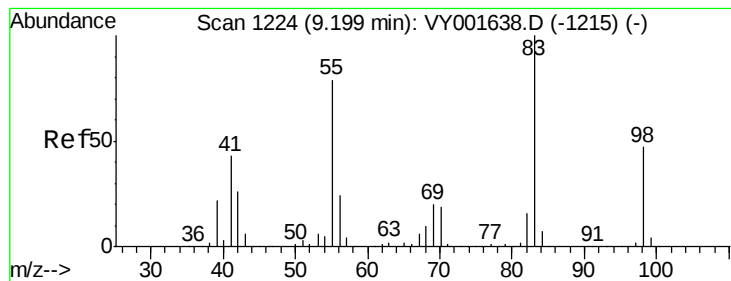
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#38
Carbon Tetrachloride
Concen: 18.362 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.0	74.8	112.2
121	28.5	23.8	35.6





#39

Methvlcvclohexane

Concen: 18.504 ug/l

RT: 9.20 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

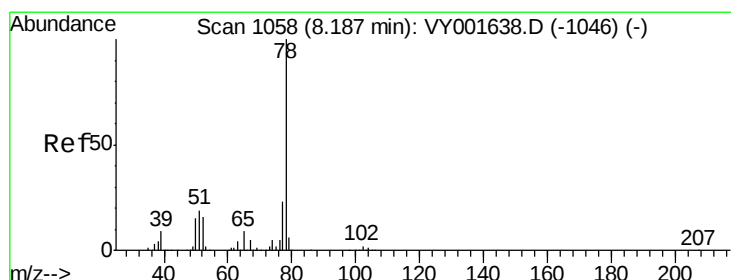
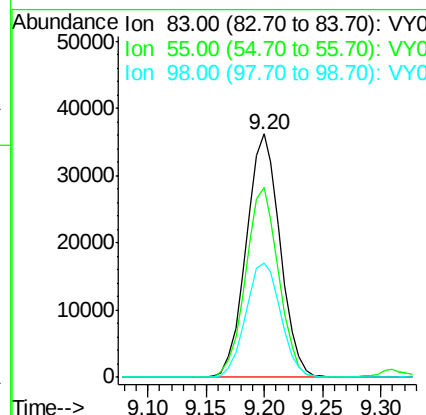
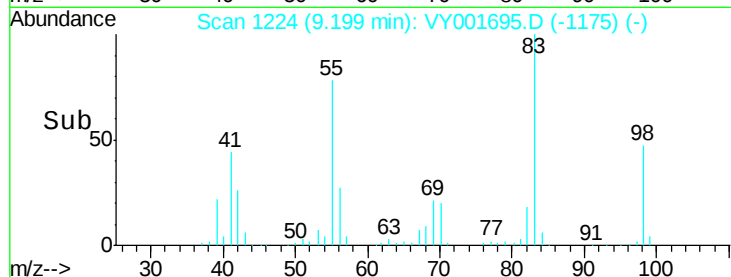
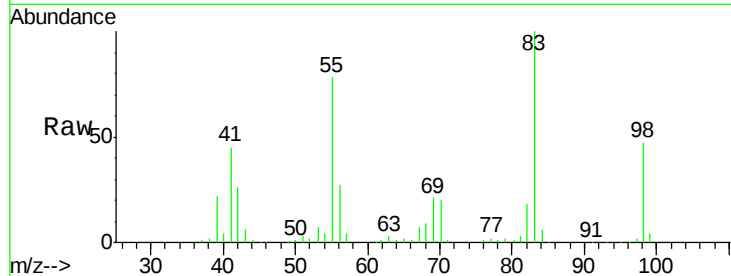
ClientSampleId :

VY0219SBSD01

Tot Ion:	83	Resp:	73312
Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.3	91.9
98	46.9	38.0	57.0

Manual Integrations
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#40

Benzene

Concen: 18.752 ug/l

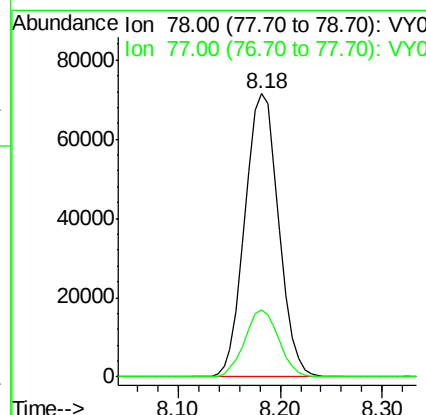
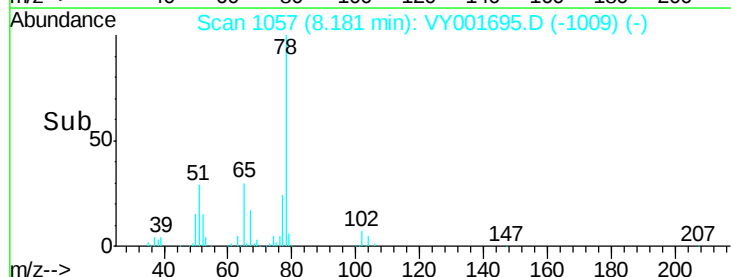
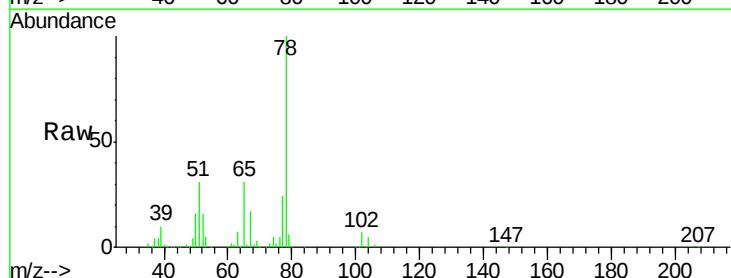
RT: 8.18 min Scan# 1057

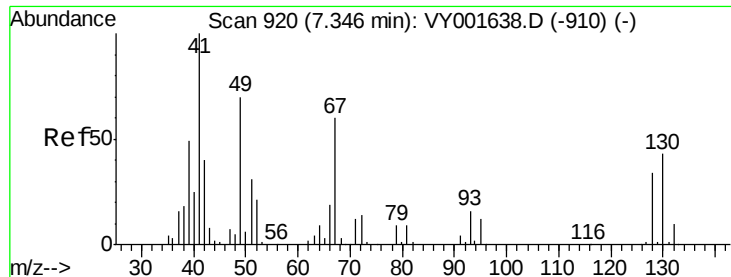
Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	78	Resp:	164699
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.4





#41

Methacrylonitrile

Concen: 14.816 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 41 Resp: 13260

Ion Ratio Lower Upper

41 100

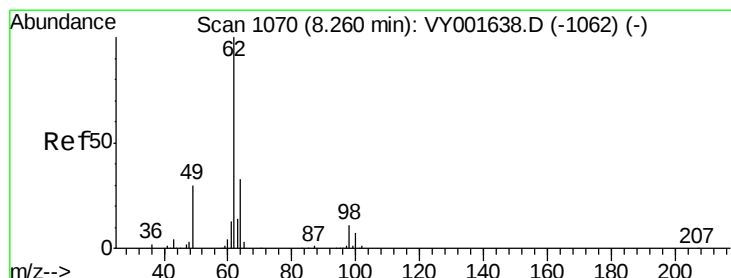
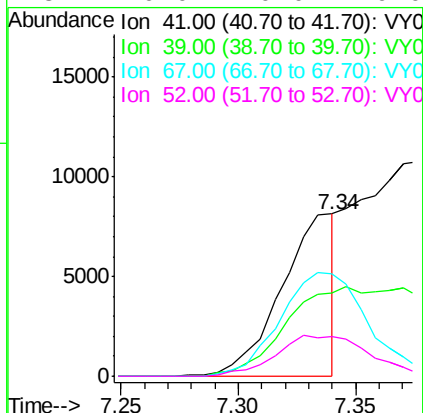
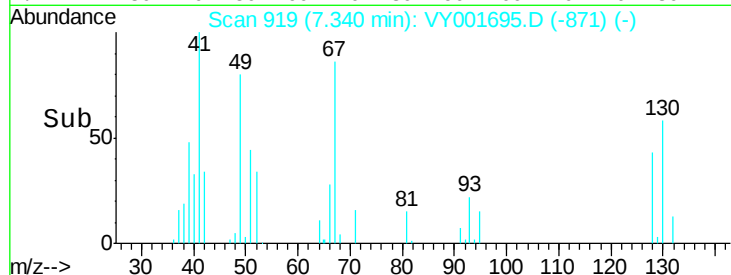
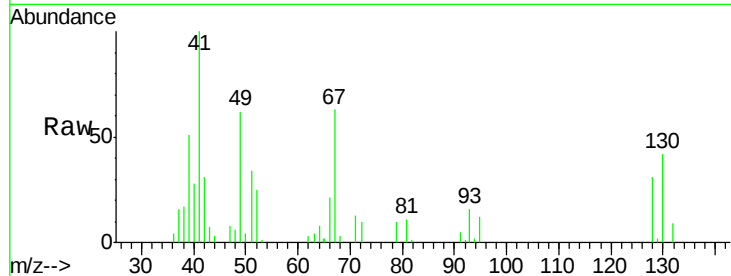
39 0.0 36.0 54.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.512 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001695.D

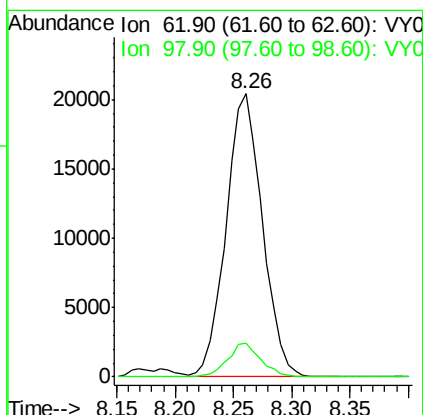
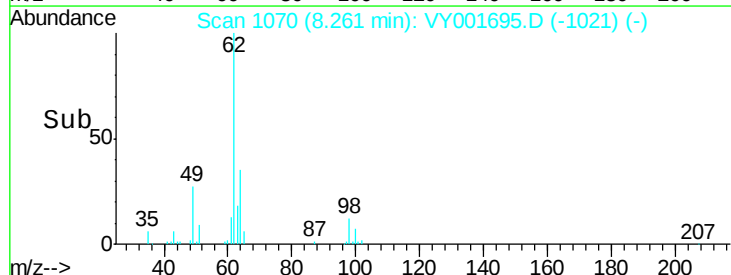
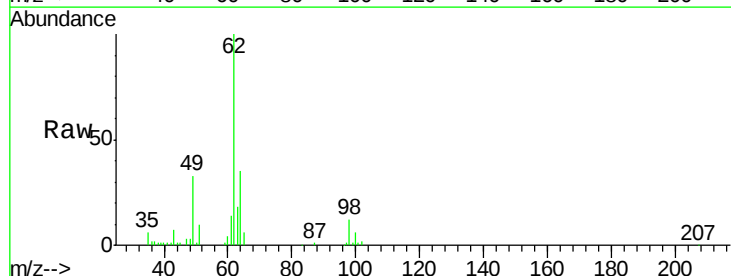
Acq: 19 Feb 2020 12:46

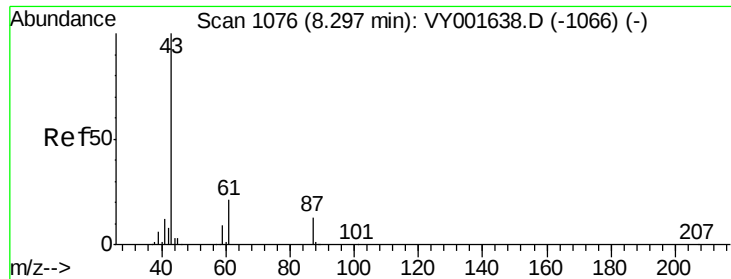
Tgt Ion: 62 Resp: 44295

Ion Ratio Lower Upper

62 100

98 10.9 0.0 20.8





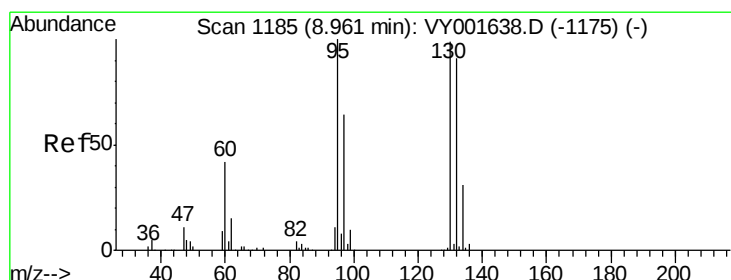
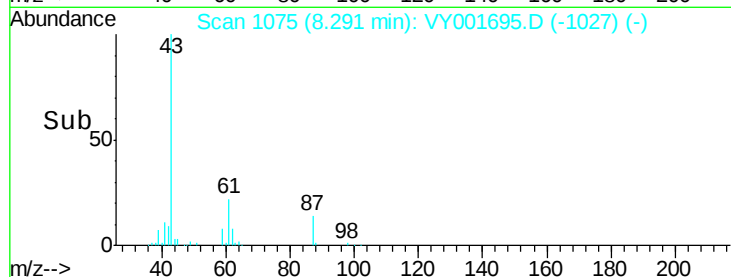
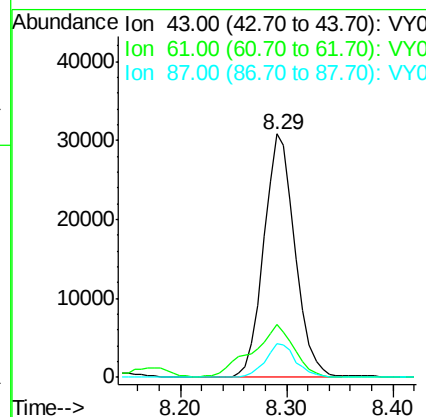
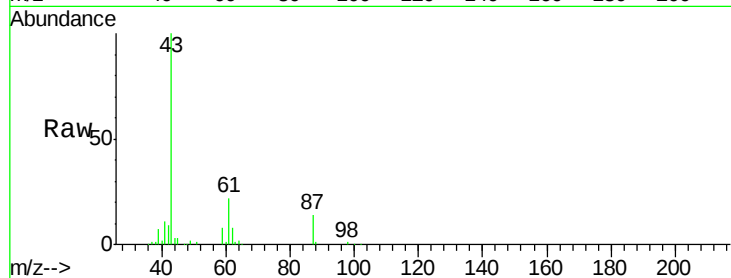
#43
Isopropyl Acetate
Concen: 18.699 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.4
87	13.4	10.7	16.1

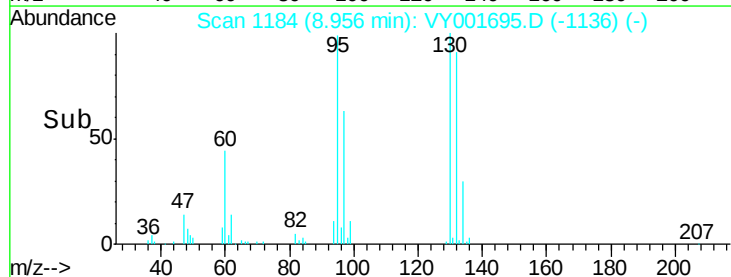
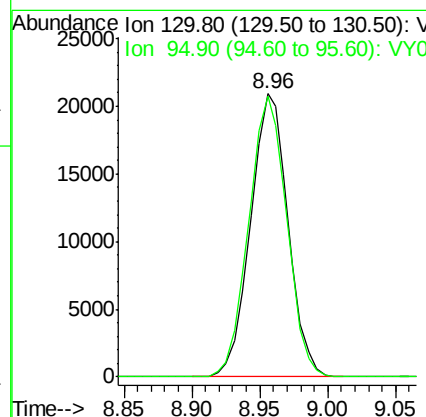
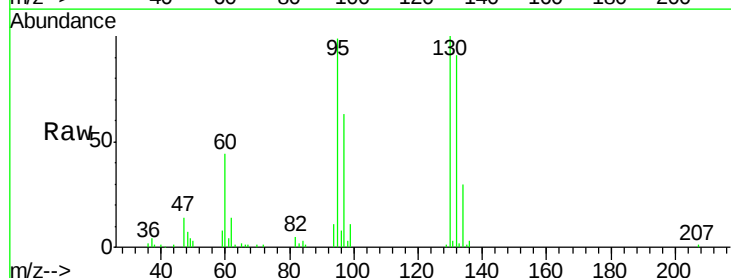
Manual Integrations
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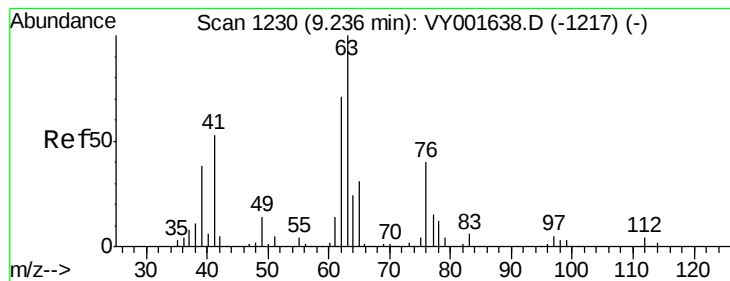
MMDadoda
2/20/2020 5:56:07 PM



#44
Trichloroethene
Concen: 18.406 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 19.136 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 63 Resp: 42092

Ion Ratio Lower Upper

63 100

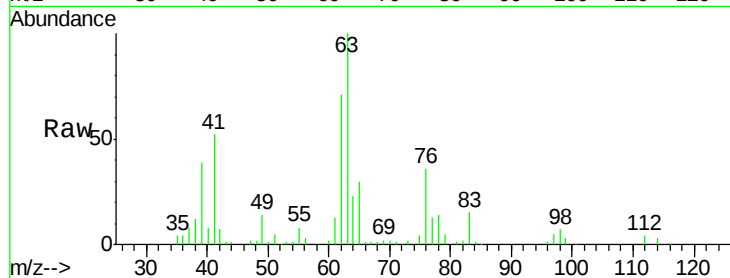
65 30.5 24.6 37.0

Manual Integrations

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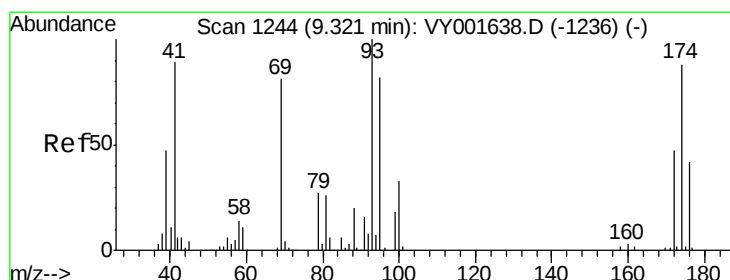
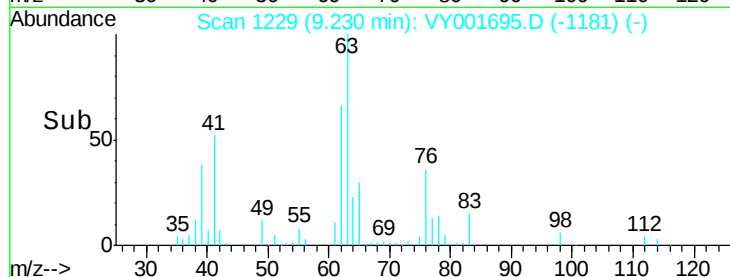
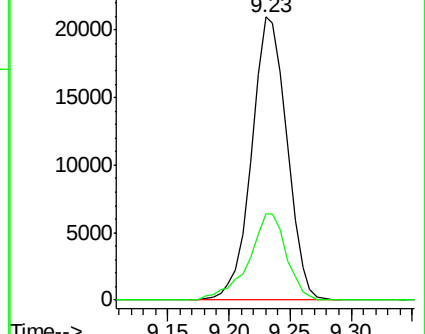
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 18.900 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

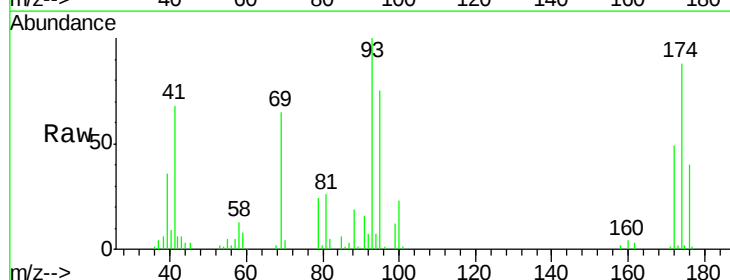
Tgt Ion: 93 Resp: 21744

Ion Ratio Lower Upper

93 100

95 80.4 66.1 99.1

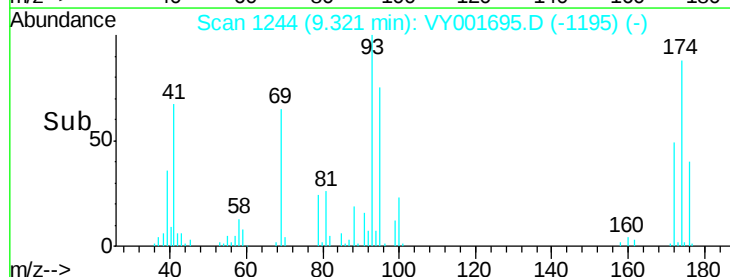
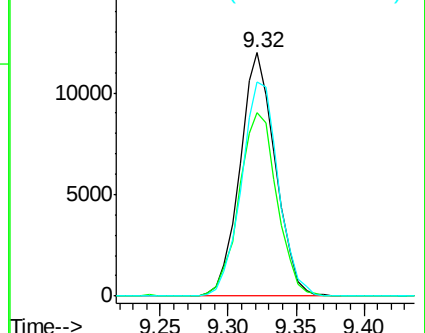
174 91.8 72.5 108.7

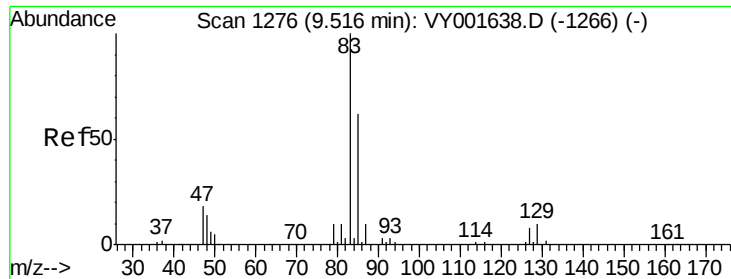


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 18.451 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

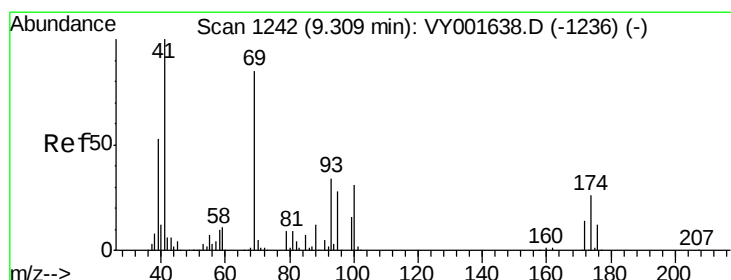
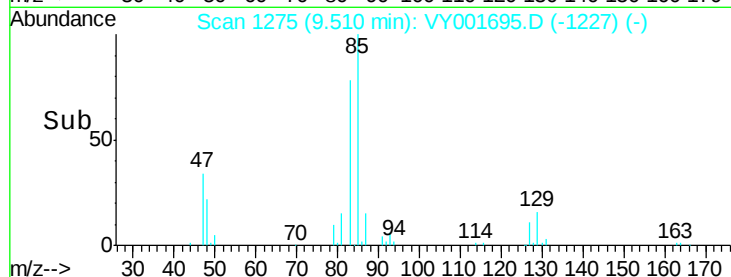
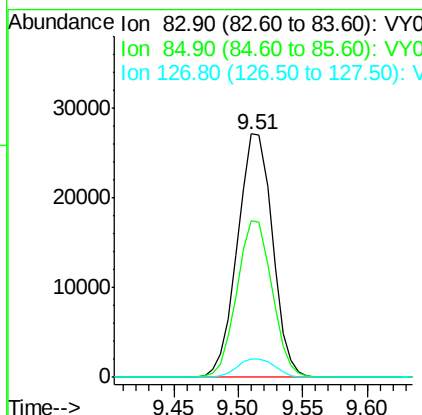
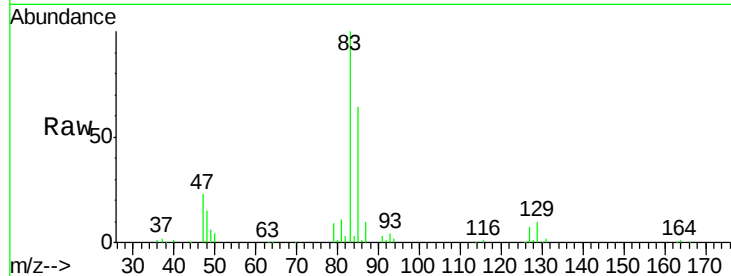
ClientSampleId :

VY0219SBS01

Tot Ion:	83	Resp:	51233
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.4	77.0
127	7.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.055 ug/l

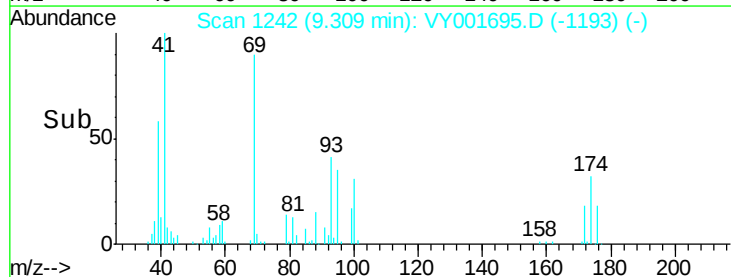
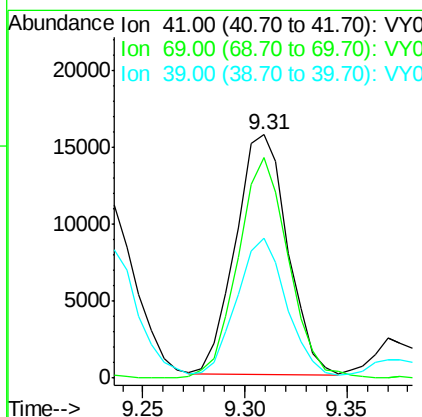
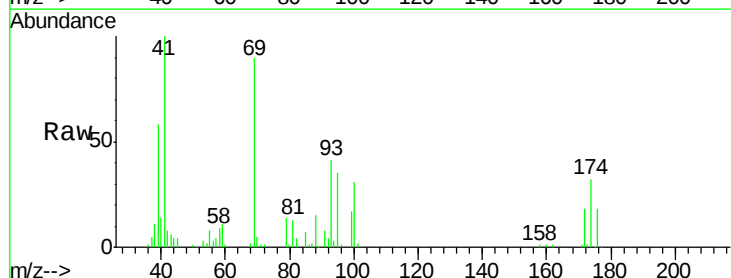
RT: 9.31 min Scan# 1242

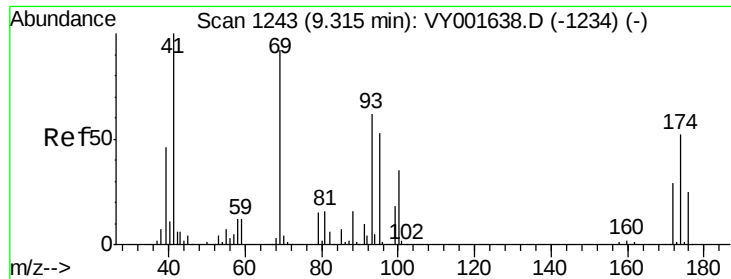
Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	41	Resp:	27615
Ion Ratio	Lower	Upper	
41	100		
69	89.3	70.7	106.1
39	57.0	42.2	63.2





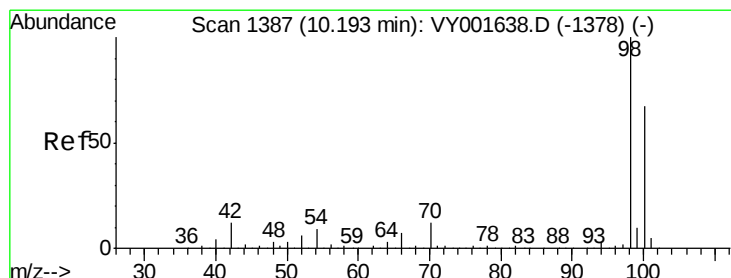
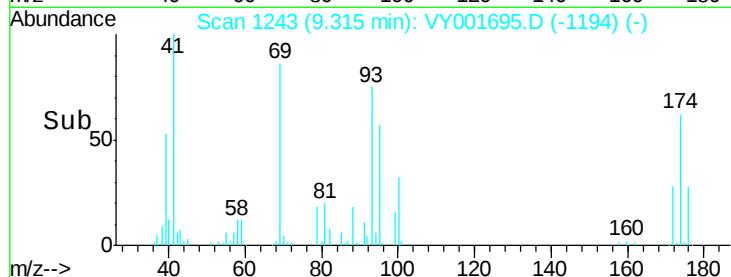
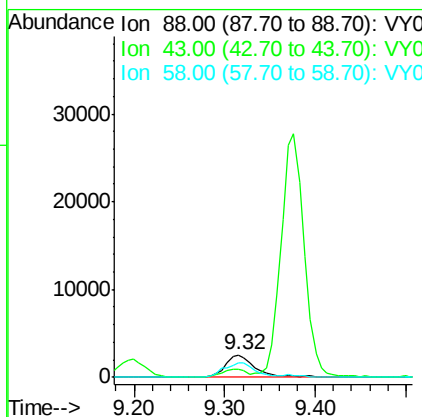
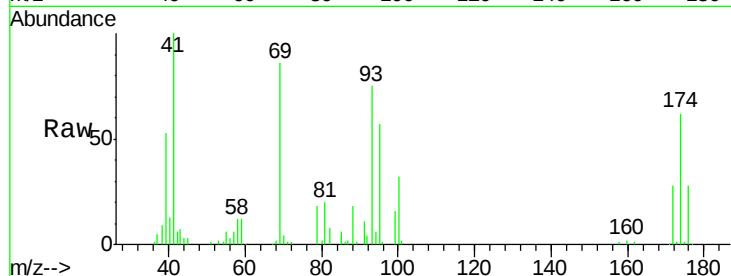
#49
1,4-Dioxane
Concen: 365.853 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.1	34.7
58	66.0	58.1	87.1

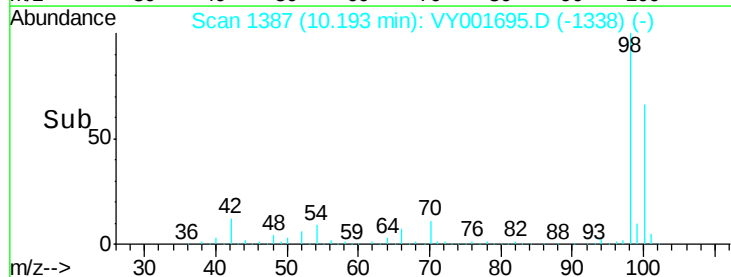
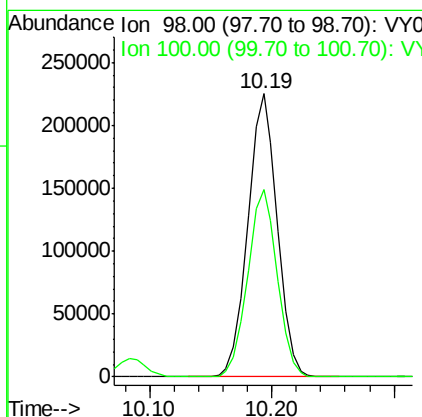
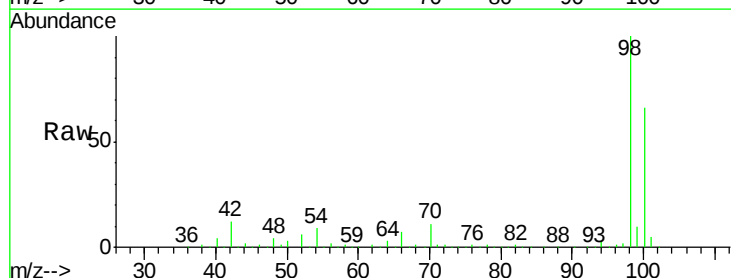
Manual Integrations
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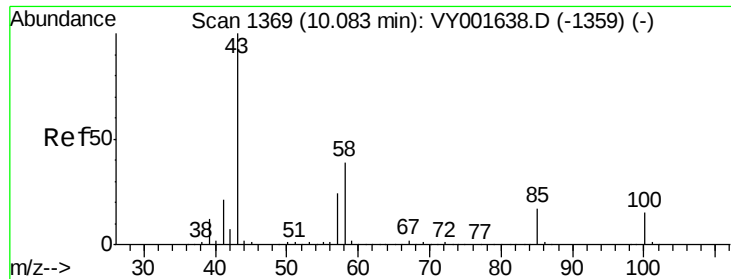
MMDadoda
2/20/2020 5:56:07 PM



#50
Toluene-d8
Concen: 53.456 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 94.165 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 43 Resp: 163621

Ion Ratio Lower Upper

43 100

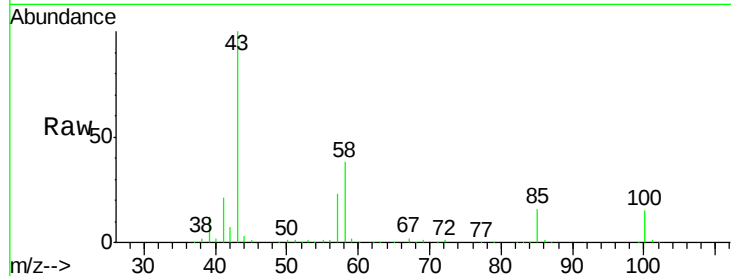
58 38.4 32.2 48.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

80000

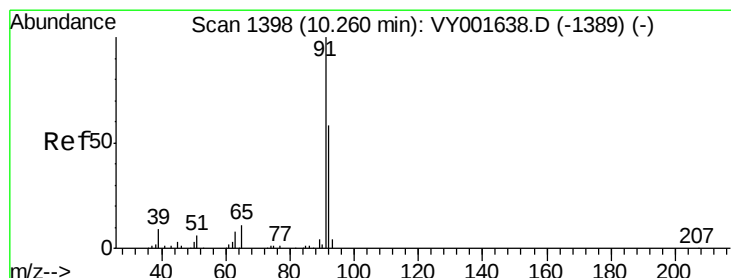
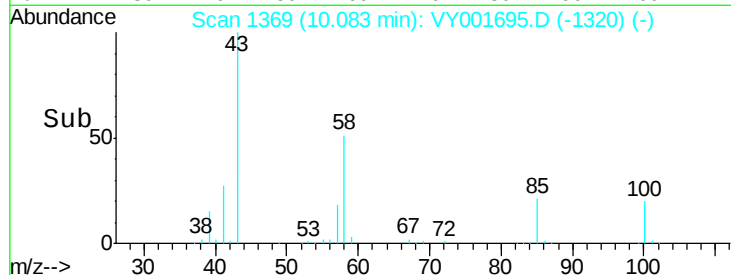
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 18.372 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001695.D

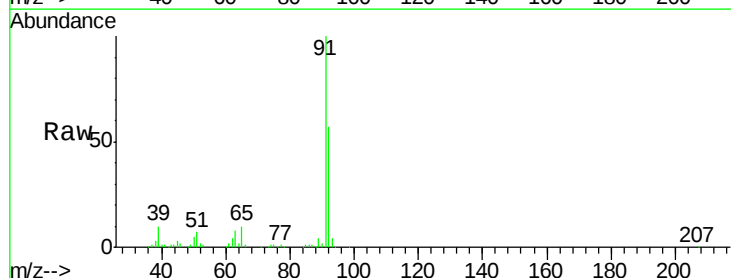
Acq: 19 Feb 2020 12:46

Tgt Ion: 92 Resp: 100657

Ion Ratio Lower Upper

92 100

91 174.0 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

120000

100000

80000

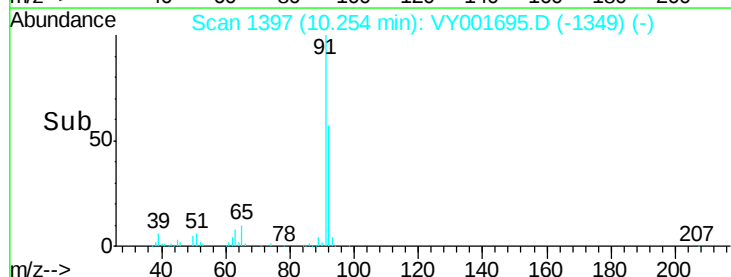
60000

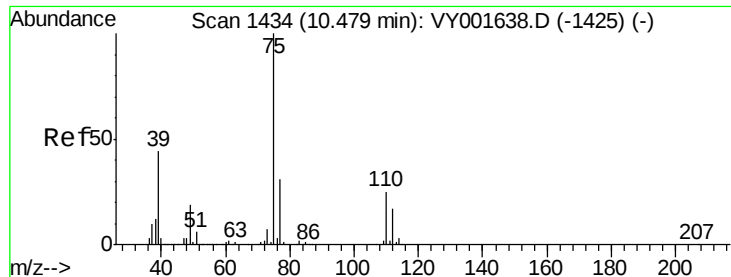
40000

20000

0

Time-->





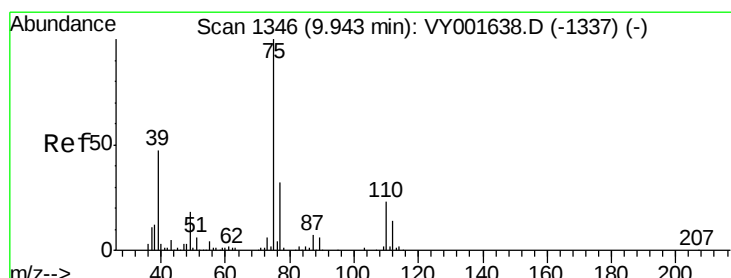
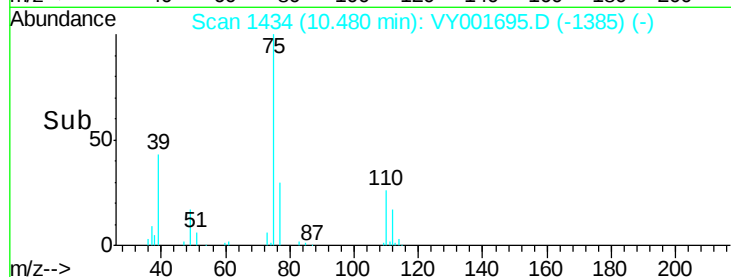
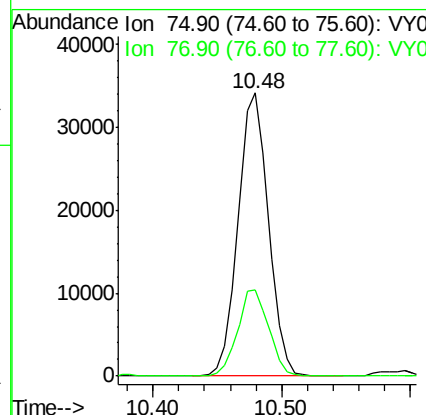
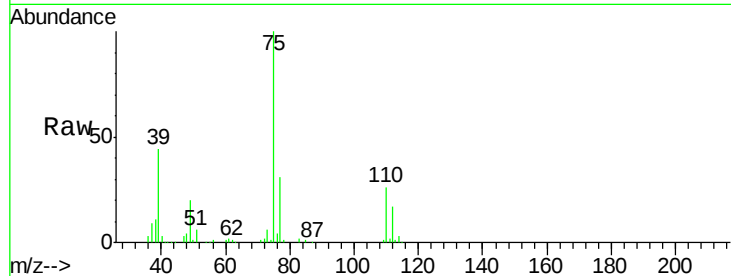
#53
t-1,3-Dichloropropene
Concen: 18.234 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.2	37.8

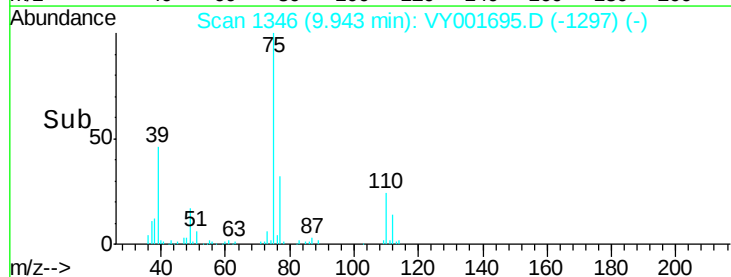
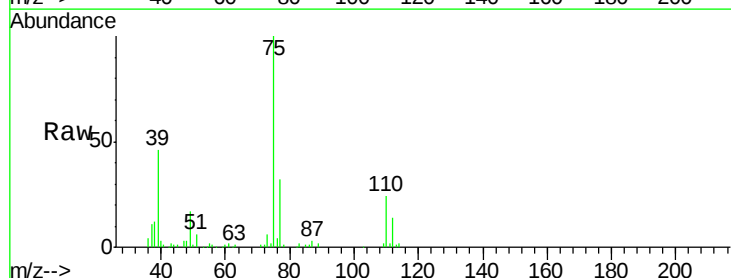
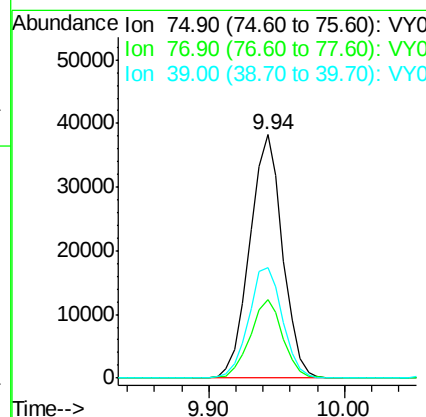
Manual Integrations
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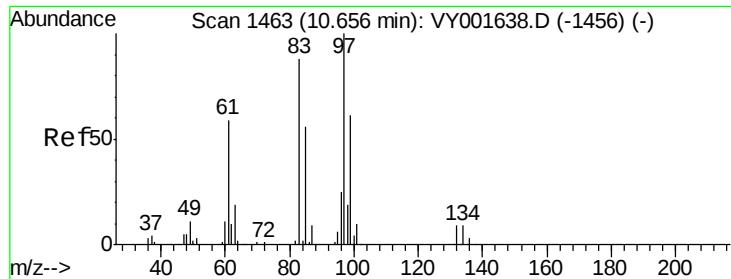
MMDadoda
2/20/2020 5:56:07 PM



#54
cis-1,3-Dichloropropene
Concen: 18.295 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	45.5	35.7	53.5





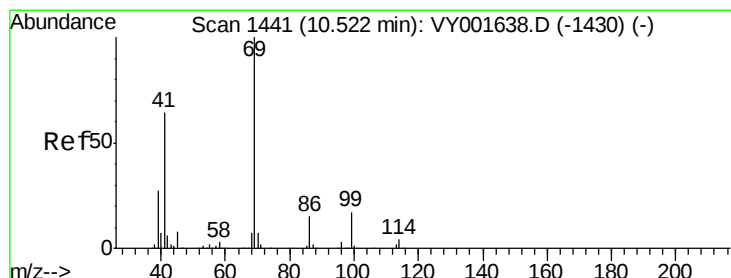
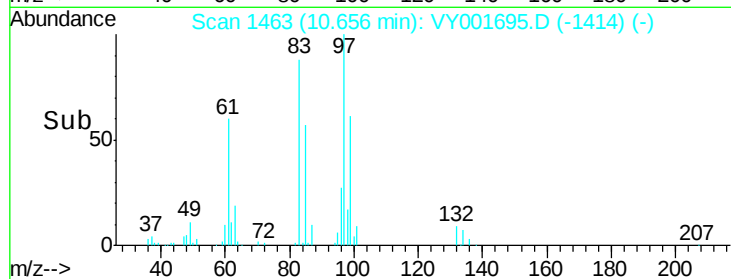
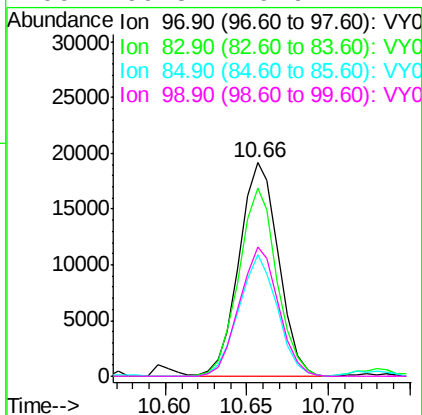
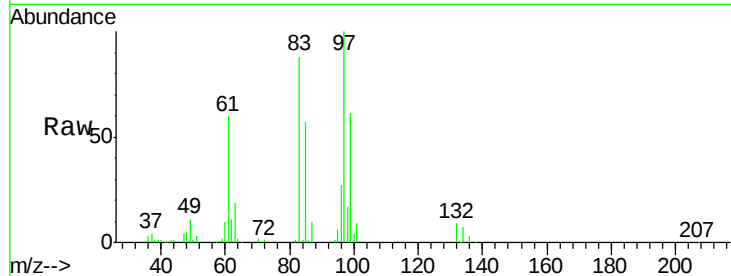
#55
 1,1,2-Trichloroethane
 Concen: 19.037 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Tot Ion:	97	Resp:	32296
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.7	104.5
85	56.7	44.5	66.7
99	60.8	49.6	74.4

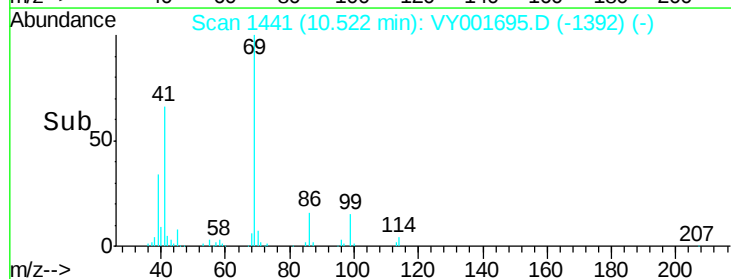
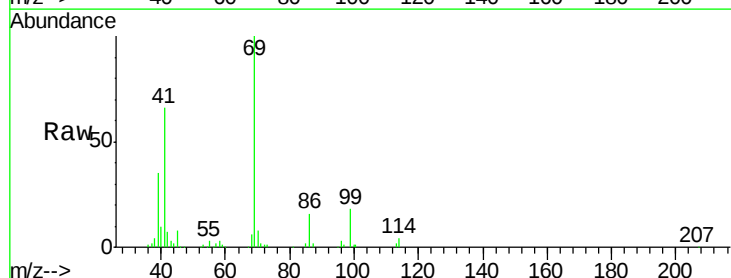
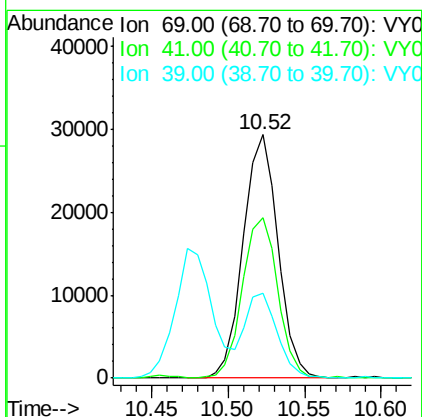
Manual Integrations
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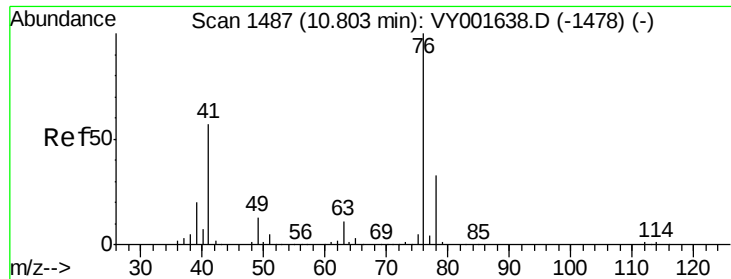
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#56
 Ethyl methacrylate
 Concen: 18.308 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Tgt Ion:	69	Resp:	46593
Ion	Ratio	Lower	Upper
69	100		
41	67.4	51.0	76.4
39	32.1	24.7	37.1





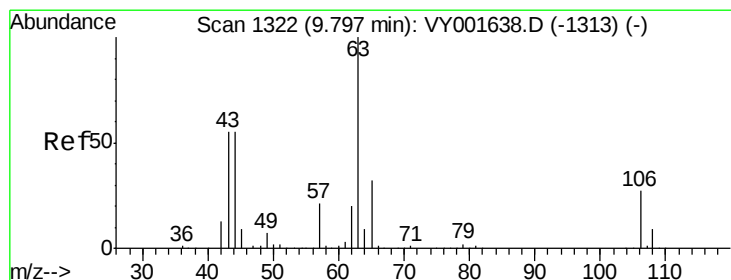
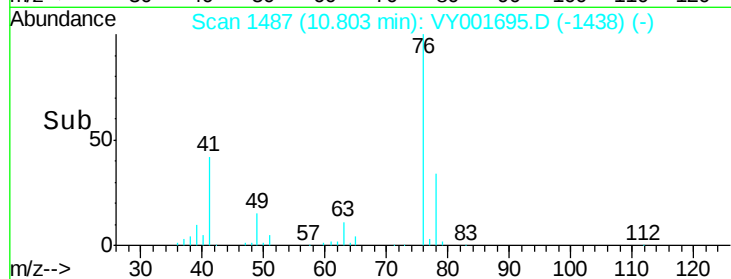
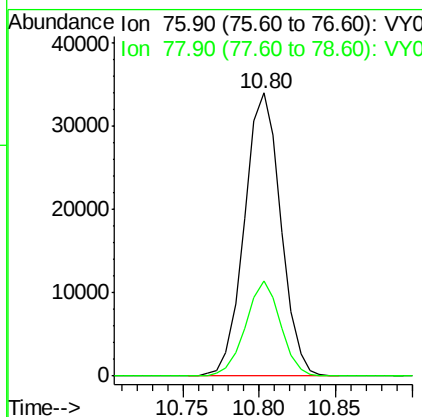
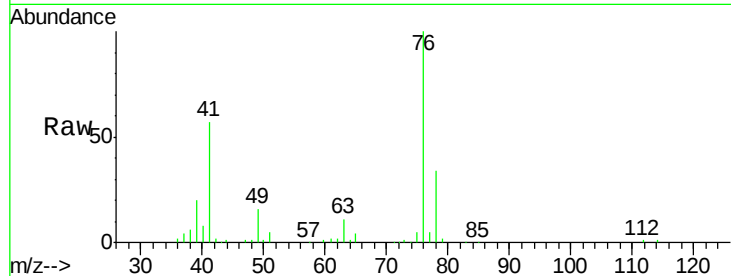
#57
 1,3-Dichloropropane
 Concen: 18.600 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Tot Ion: 76 Resp: 56066
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

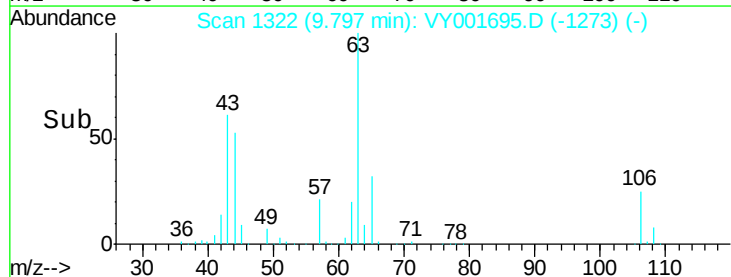
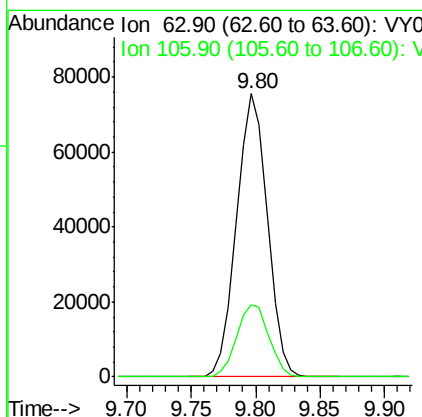
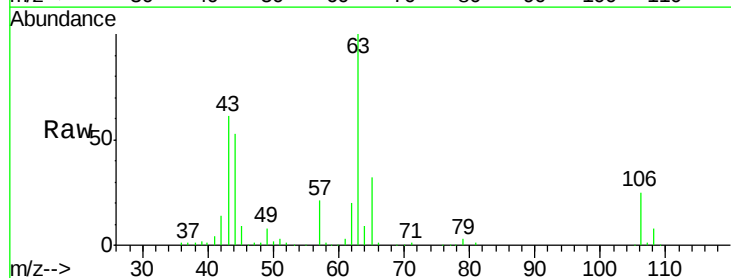
Manual Integrations
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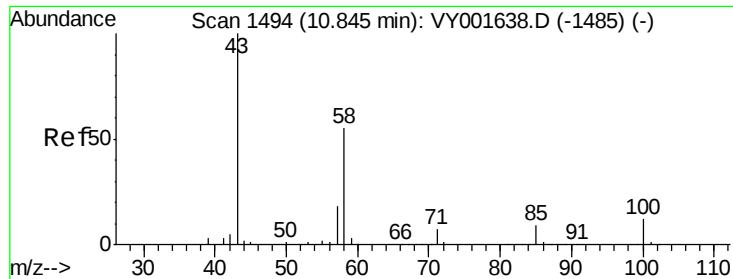
MMDadoda
 2/20/2020 5:56:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.081 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Tgt Ion: 63 Resp: 125325
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.6 32.4





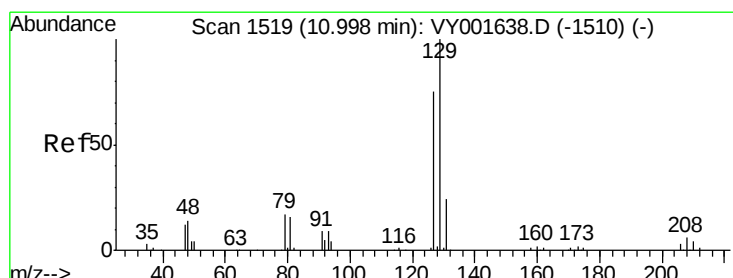
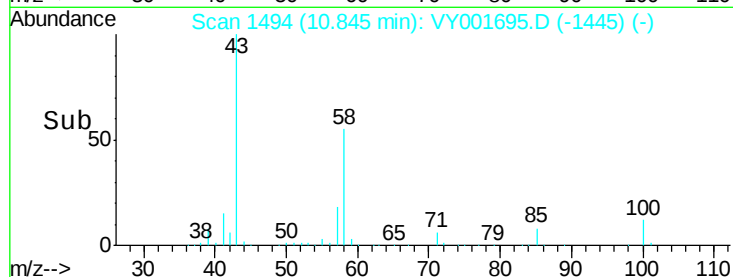
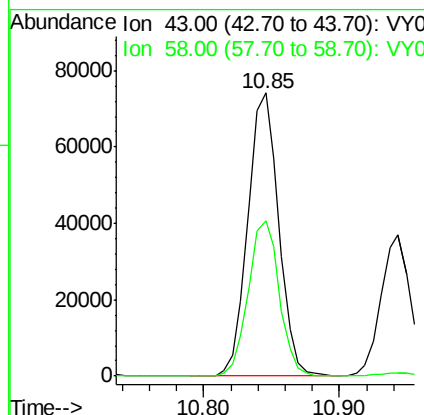
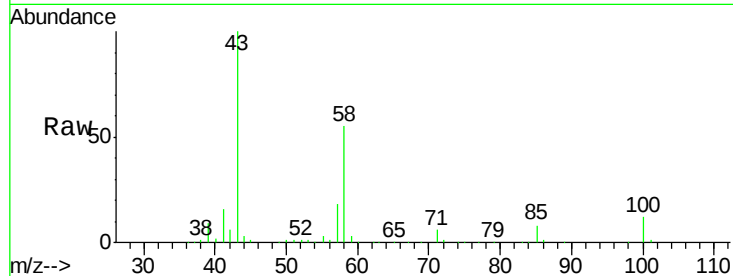
#59
2-Hexanone
Concen: 90.557 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion: 43 Resp: 118064
Ion Ratio Lower Upper
43 100
58 55.3 28.4 85.2

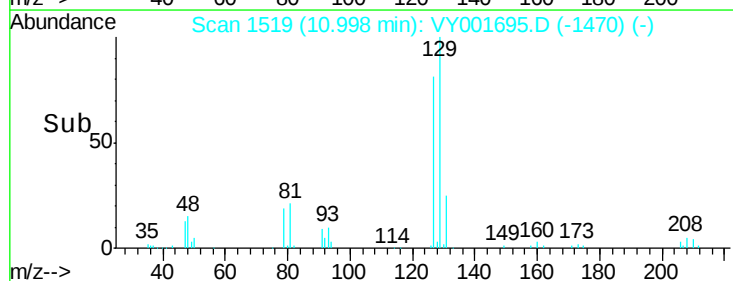
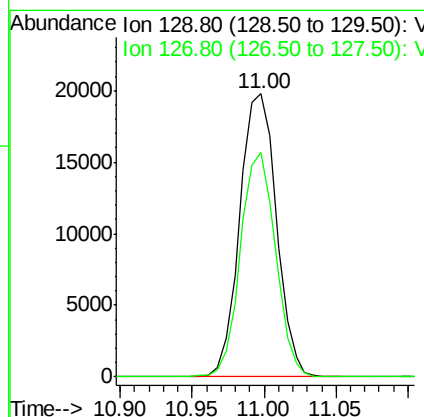
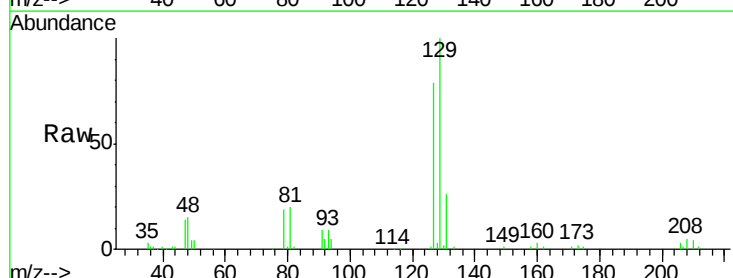
Manual Integrations
APPROVED

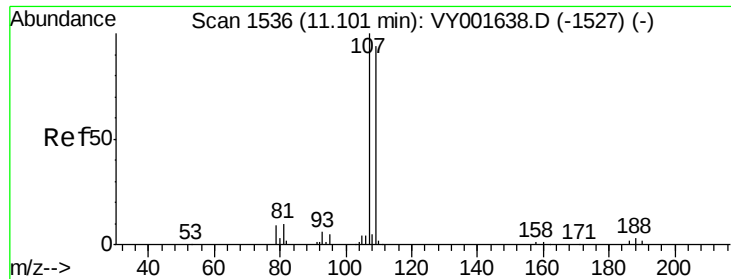
MMDadoda
2/20/2020 5:56:07 PM



#60
Dibromochloromethane
Concen: 18.684 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion: 129 Resp: 34946
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.717 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 107 Resp: 30023

Ion Ratio Lower Upper

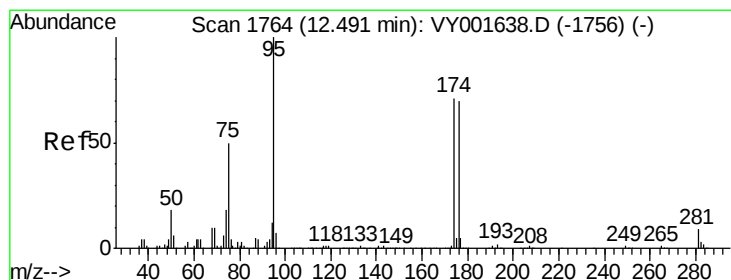
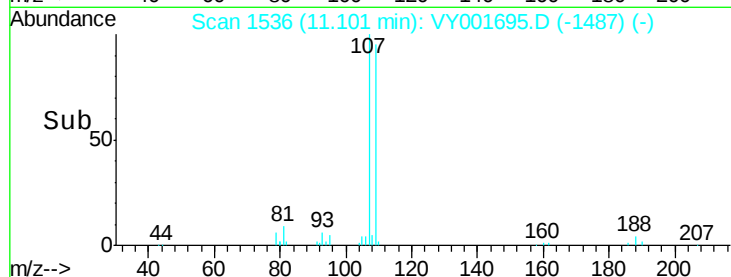
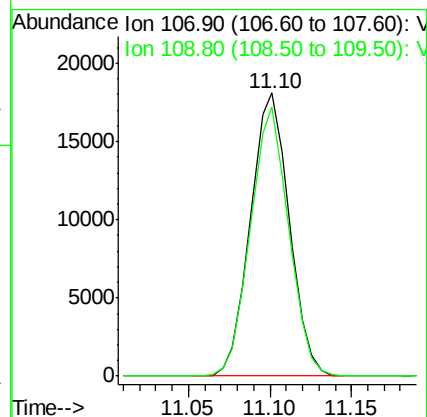
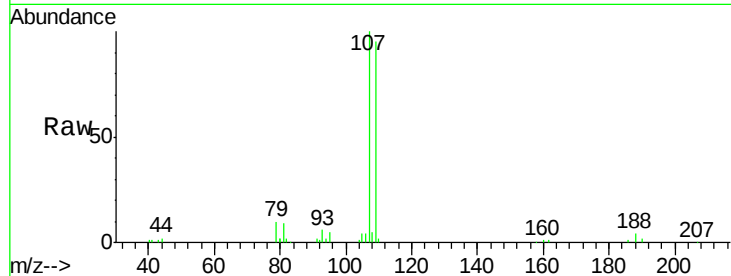
107 100

109 93.8 74.2 111.4

Manual Integrations
APPROVED

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2/20/2020 5:56:07 PM



#62

4-Bromofluorobenzene

Concen: 48.940 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

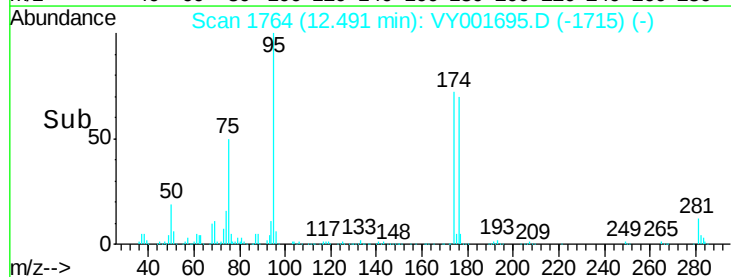
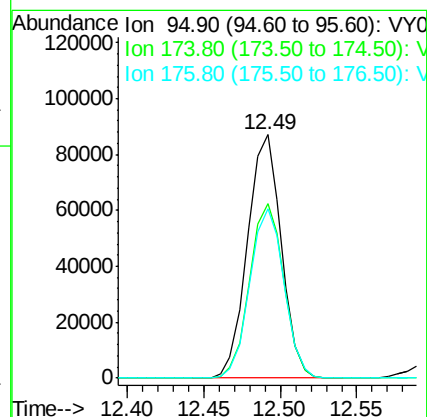
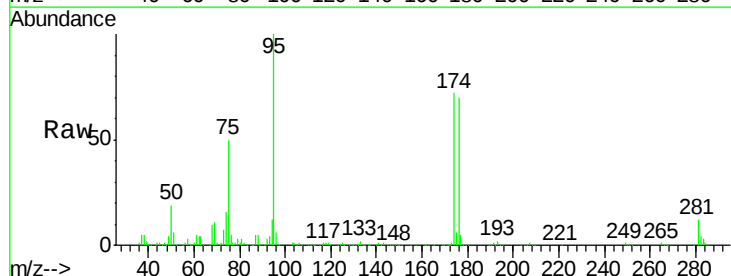
Tgt Ion: 95 Resp: 133383

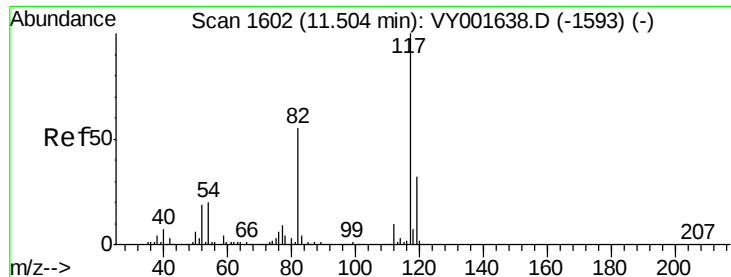
Ion Ratio Lower Upper

95 100

174 72.7 0.0 138.4

176 70.7 0.0 131.8





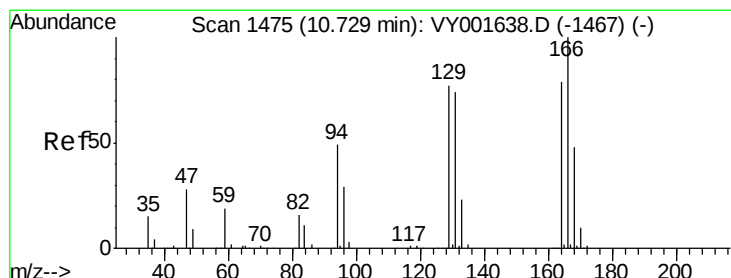
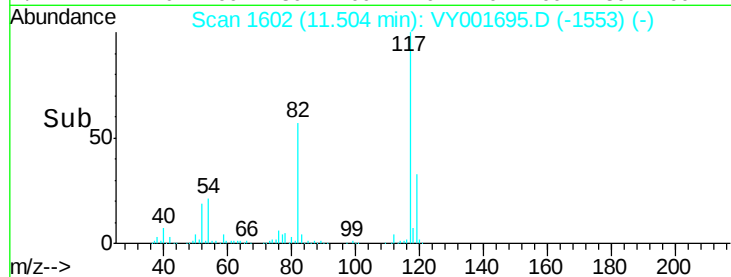
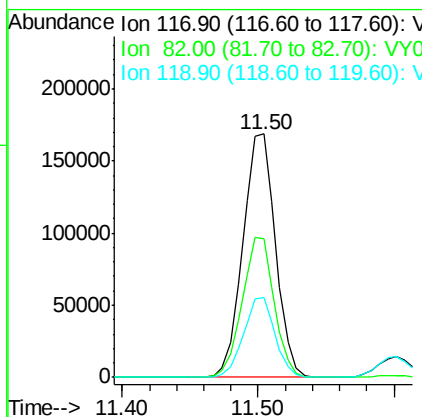
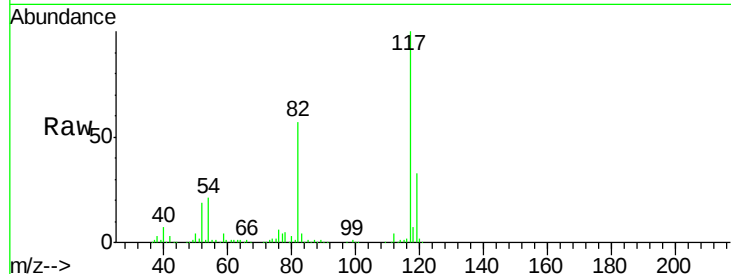
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	282435		
82	56.9		45.5	68.3
119	32.7		25.8	38.6

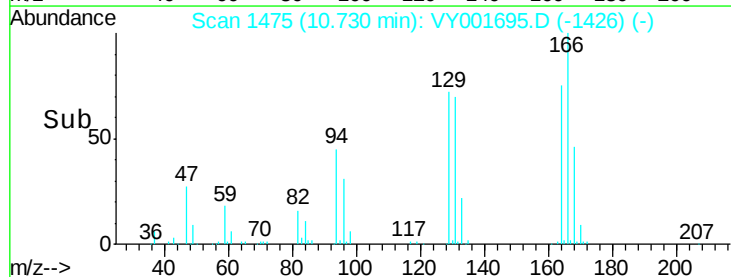
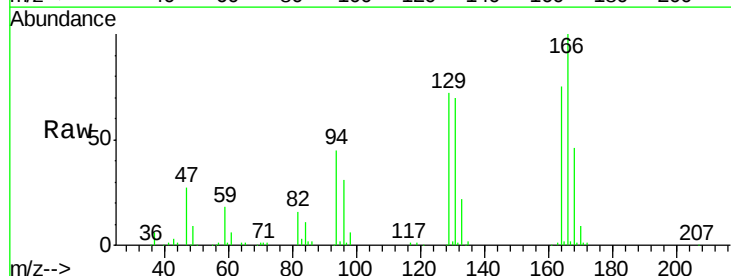
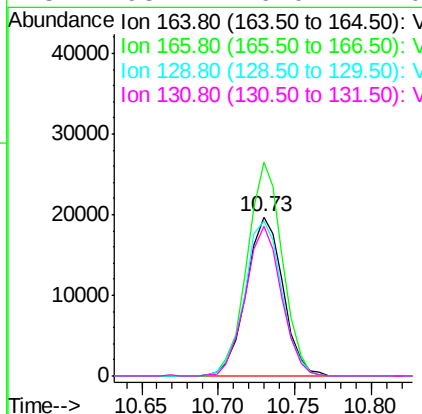
Manual Integrations
APPROVED

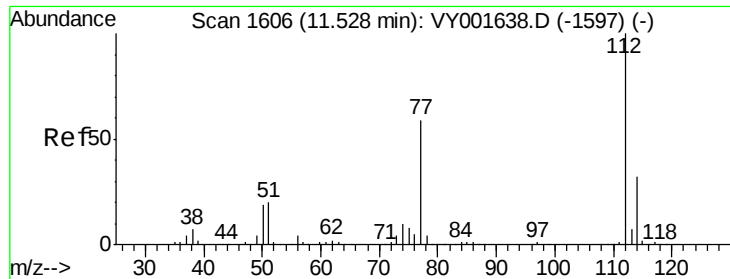
MMDadoda
2/20/2020 5:56:07 PM



#64
Tetrachloroethene
Concen: 18.533 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	32860		
166	134.0		101.4	152.0
129	97.1		78.7	118.1
131	93.7		76.0	114.0





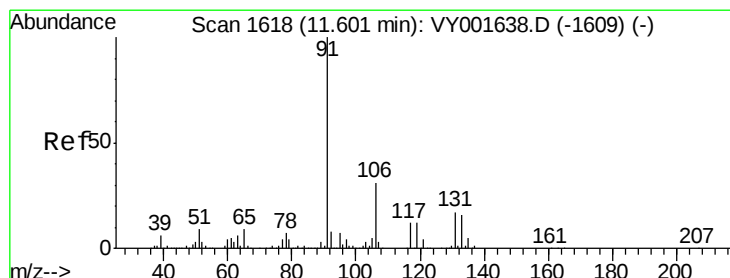
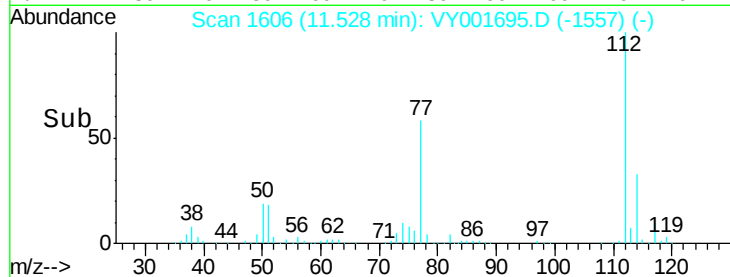
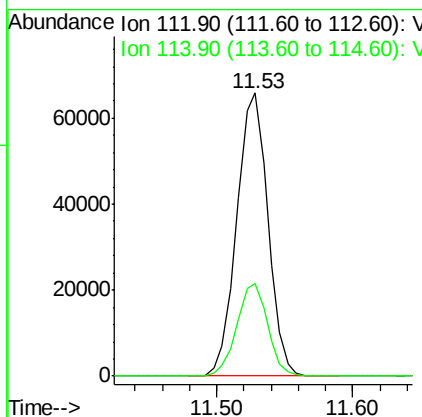
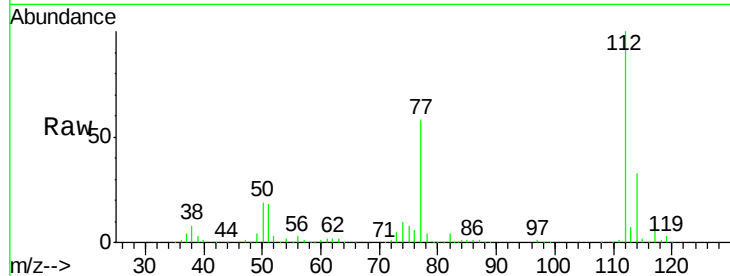
#65
Chlorobenzene
Concen: 18.692 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

Tot Ion:112 Resp: 105398
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

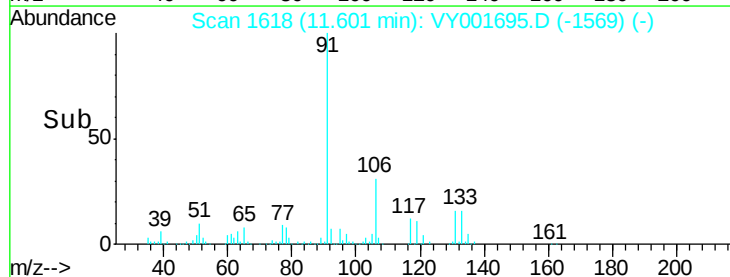
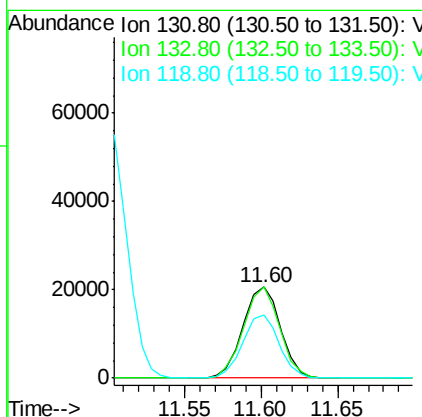
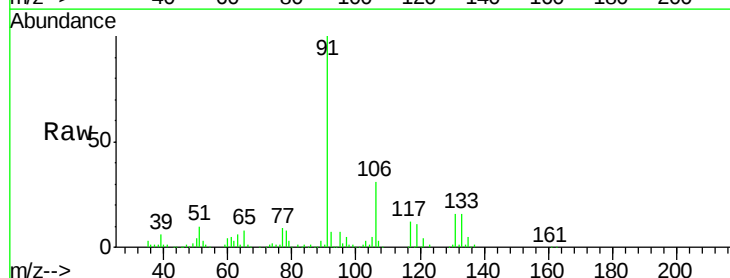
Manual Integrations
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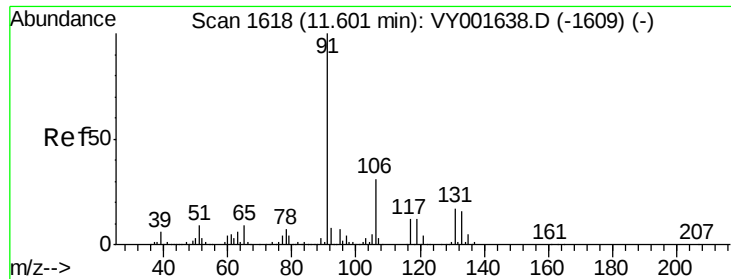
MMDadoda
2/20/2020 5:56:07 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.459 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion:131 Resp: 35112
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 68.0 34.4 103.1





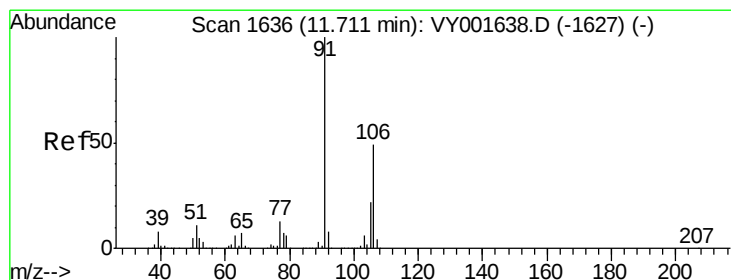
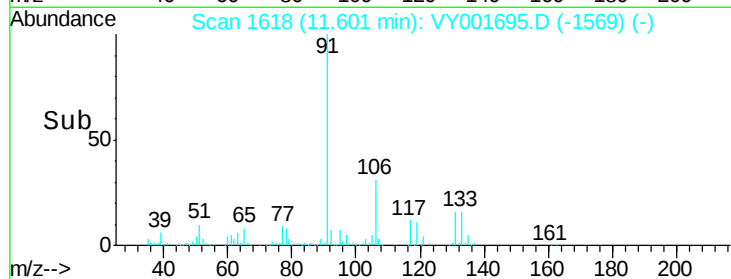
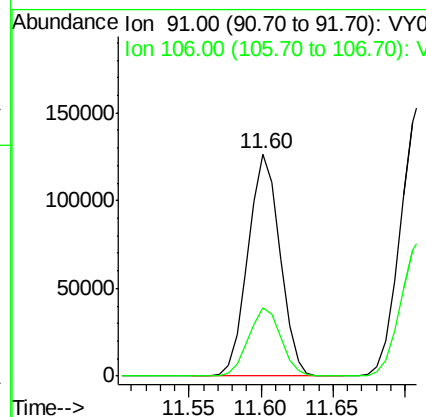
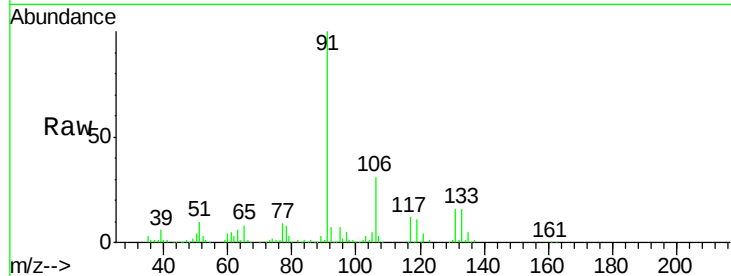
#67
Ethyl Benzene
Concen: 18.520 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	91	Resp	193798
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.5	36.7

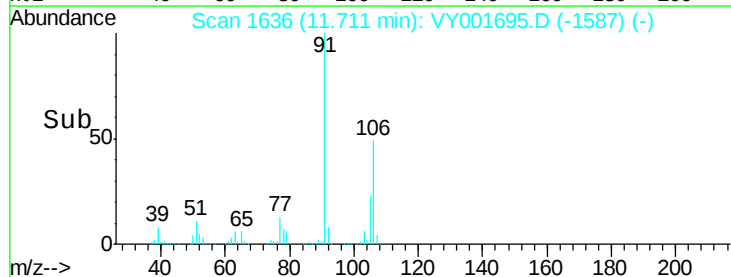
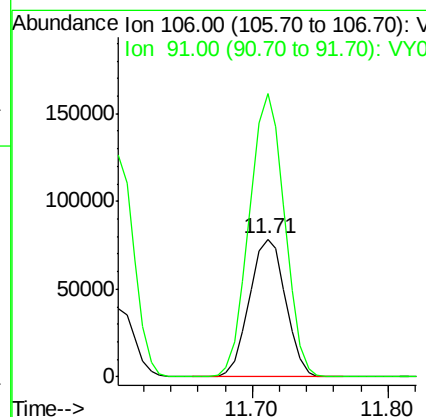
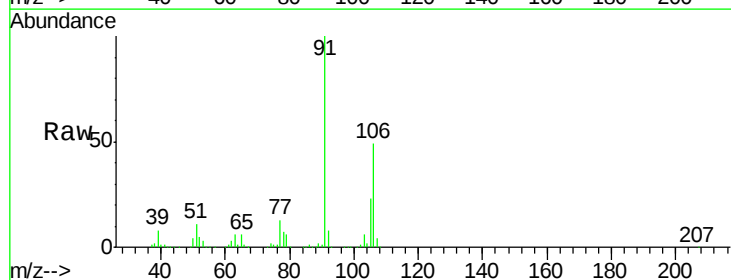
Manual Integrations
APPROVED

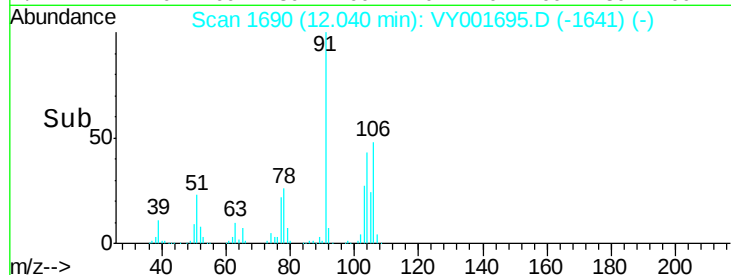
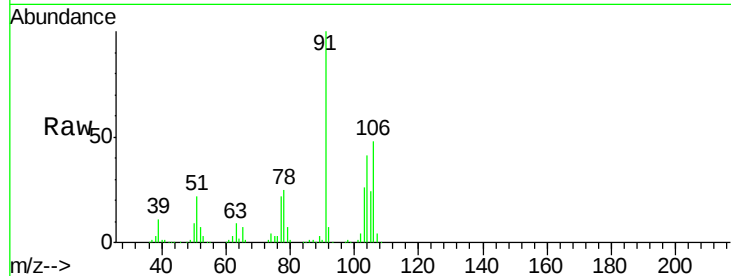
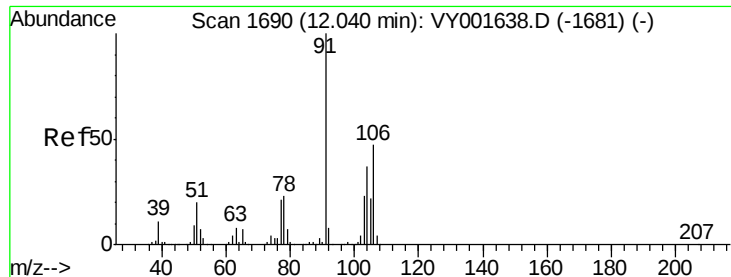
MMDadoda
2/20/2020 5:56:07 PM



#68
m/p-Xylenes
Concen: 37.460 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	106	Resp	146426
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
106	100		
91	200.5	163.3	244.9





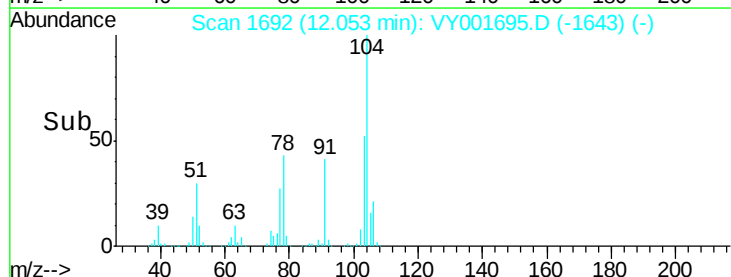
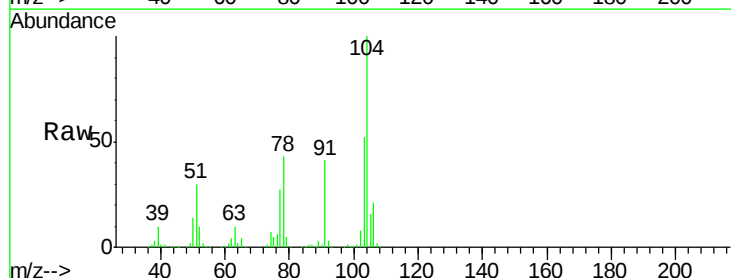
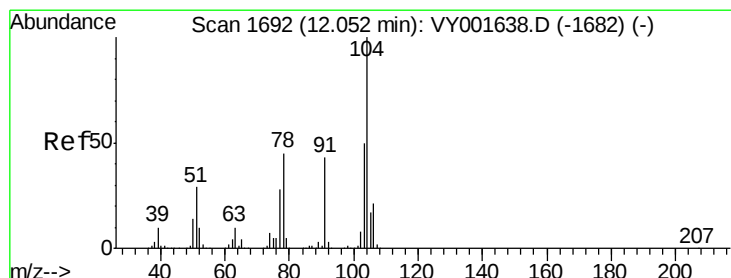
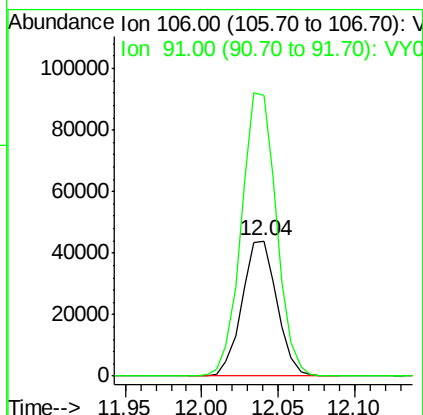
#69
o-Xylene
Concen: 18.720 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tot Ion:106 Resp: 69567
Ion Ratio Lower Upper
106 100
91 209.9 108.3 324.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

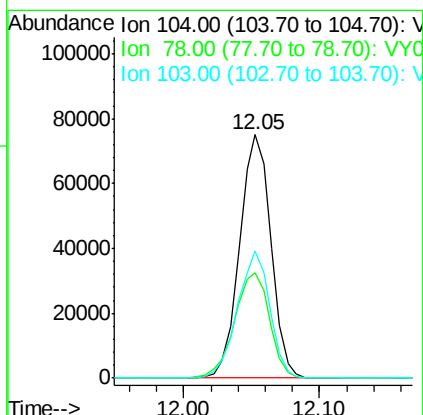
Manual Integrations
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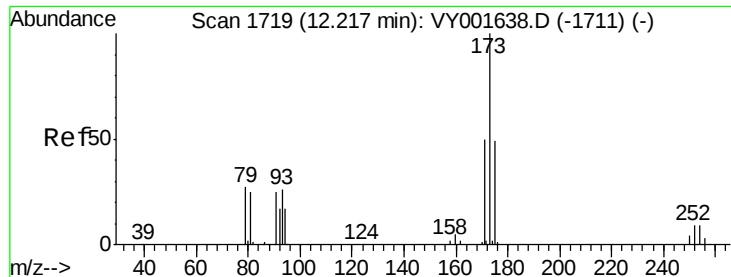
MMDadoda
2/20/2020 5:56:07 PM



#70
Styrene
Concen: 18.626 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion:104 Resp: 120296
Ion Ratio Lower Upper
104 100
78 48.2 39.2 58.8
103 54.2 43.0 64.6





#71

Bromoform

Concen: 17.638 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

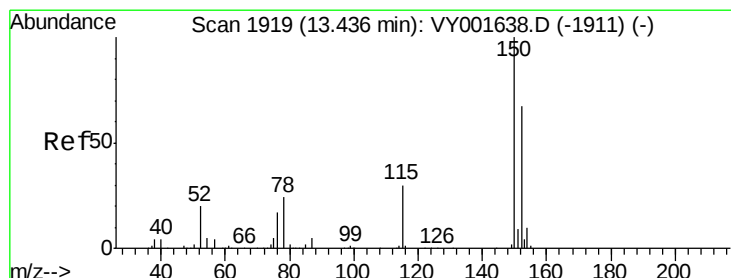
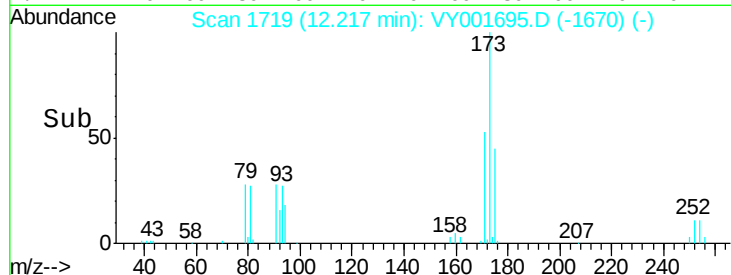
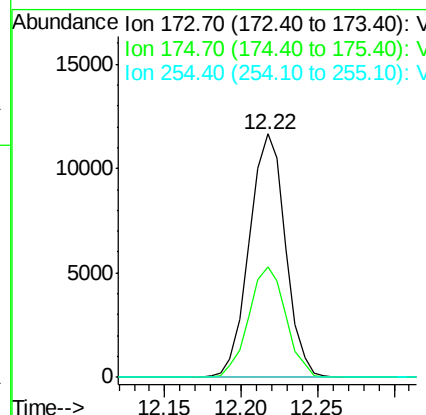
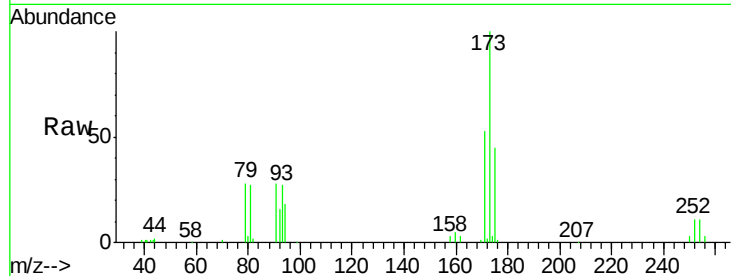
ClientSampleId :

VY0219SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.3	73.0
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

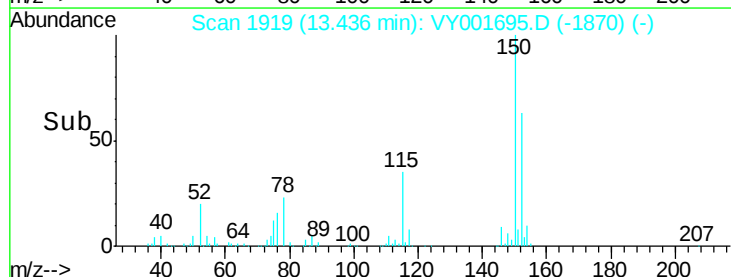
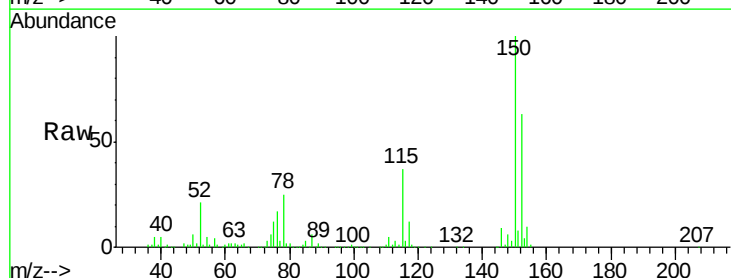
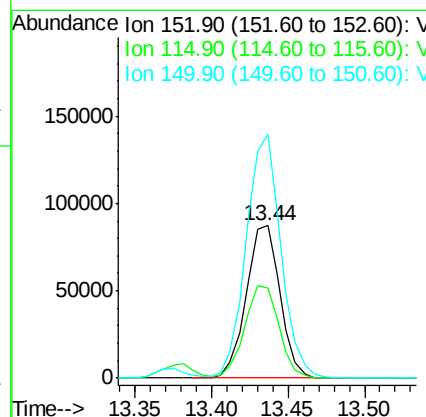
RT: 13.44 min Scan# 1919

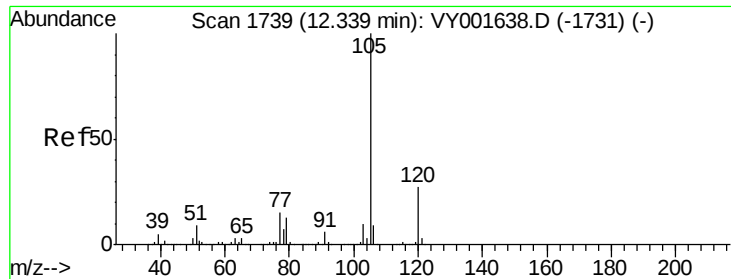
Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.4	94.2
150	164.1	0.0	407.2





#73

Isopropylbenzene

Concen: 18.292 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion:105 Resp: 186587

Ion Ratio Lower Upper

105 100

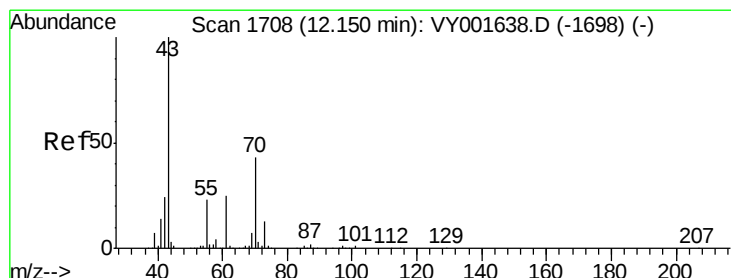
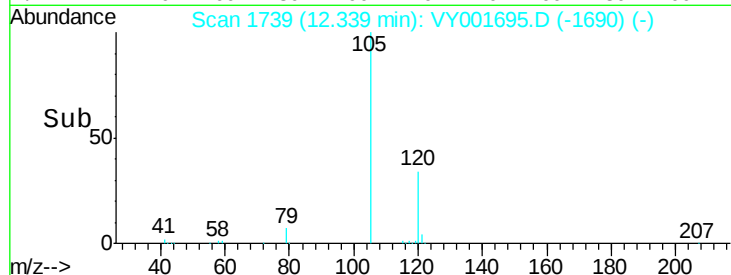
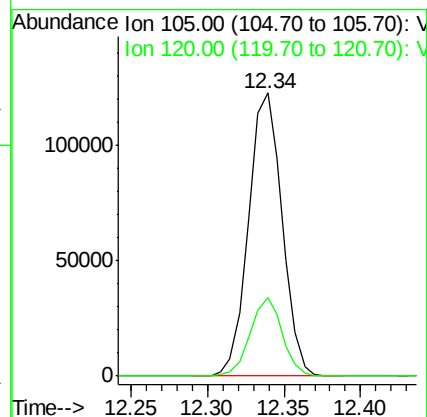
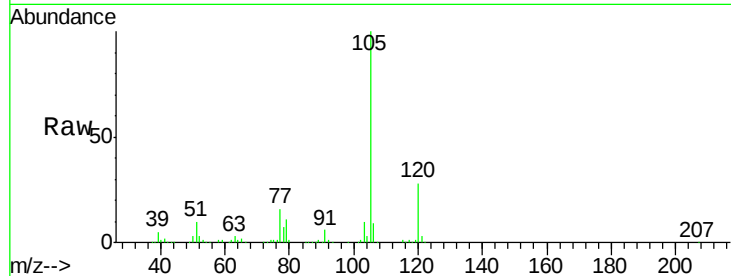
120 26.6 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.221 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion: 43 Resp: 59316

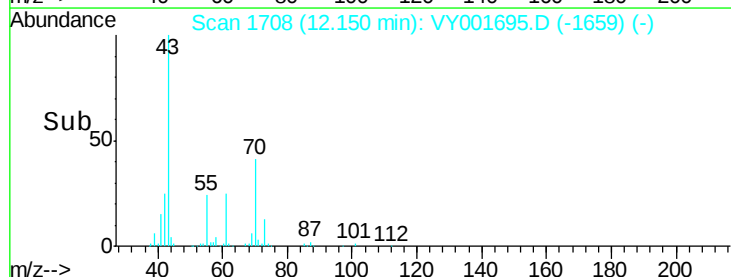
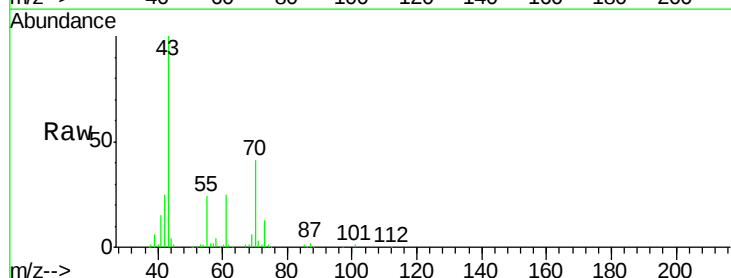
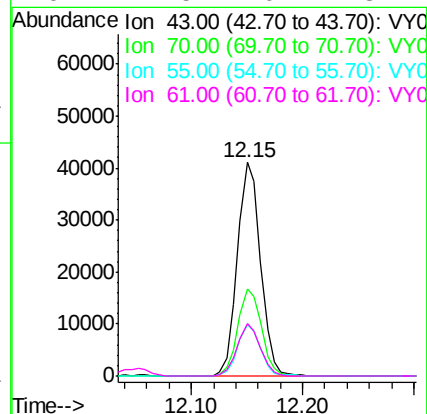
Ion Ratio Lower Upper

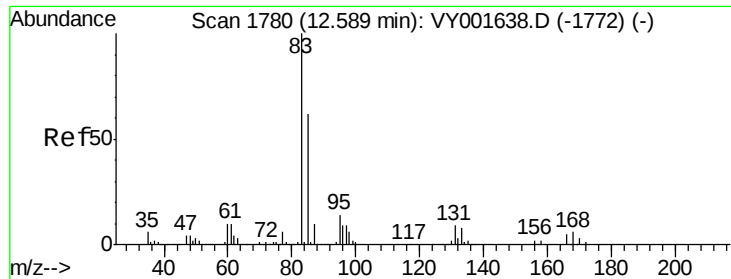
43 100

70 41.7 35.9 53.9

55 23.8 18.3 27.5

61 24.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.494 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

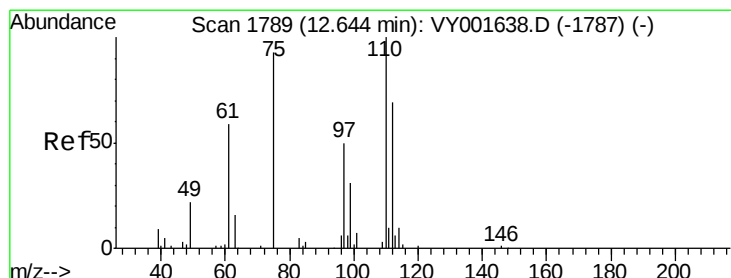
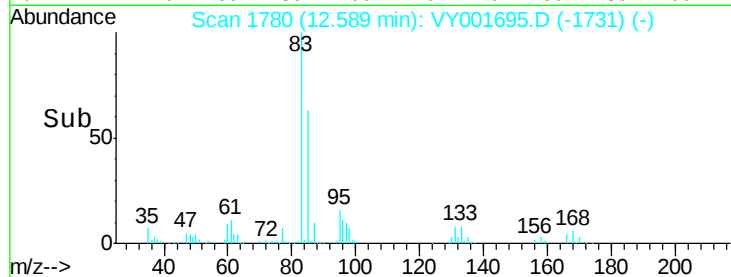
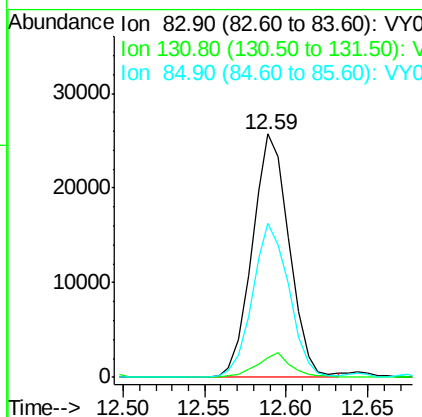
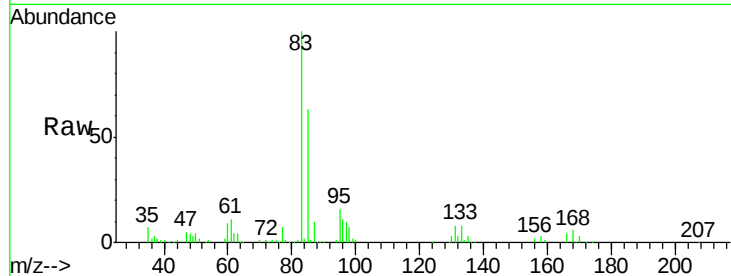
ClientSampleId :

VY0219SBS01

Tot Ion:	83	Resp:	40279
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.1
85	62.6	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 15.567 ug/l m

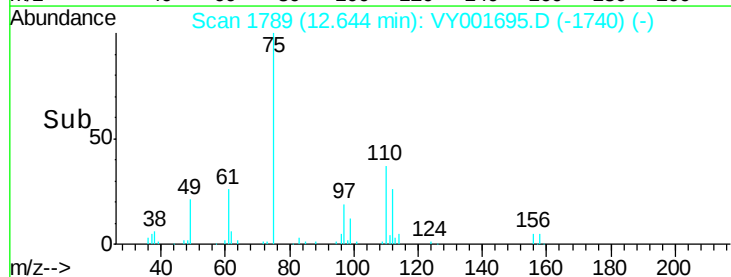
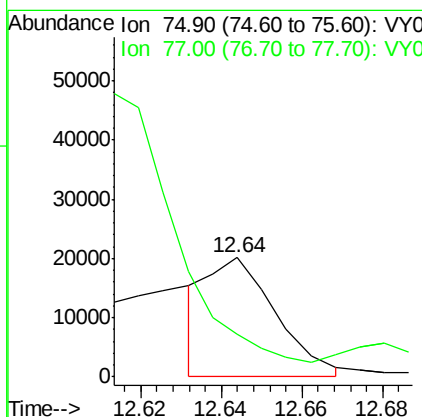
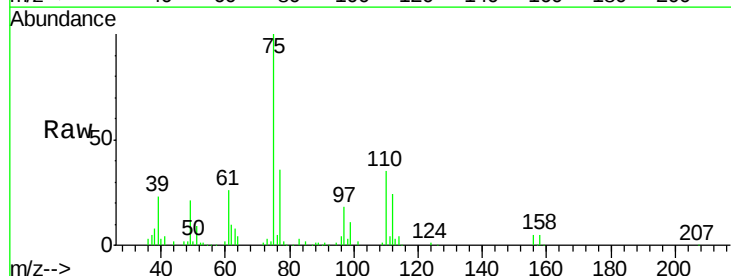
RT: 12.64 min Scan# 1789

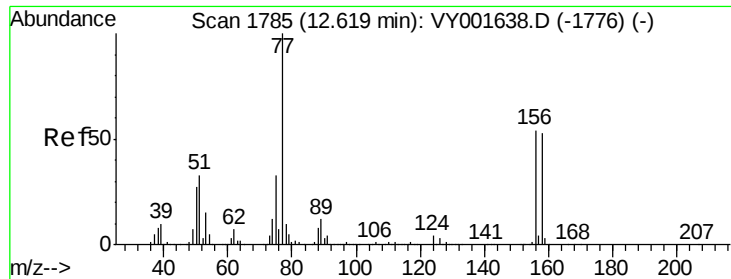
Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	75	Resp:	23910
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.091 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion:156 Resp: 40005

Ion Ratio Lower Upper

156 100

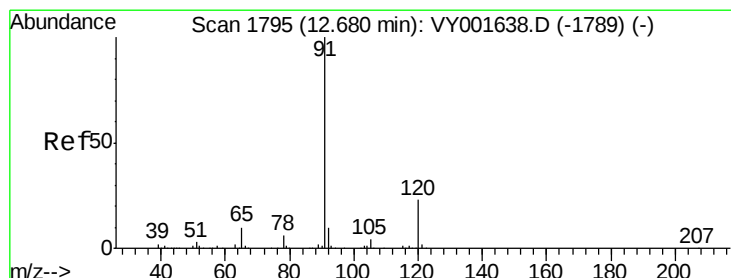
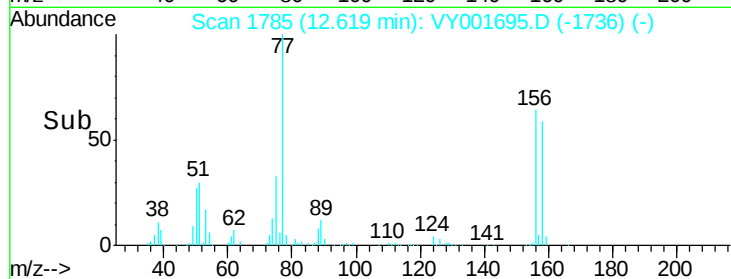
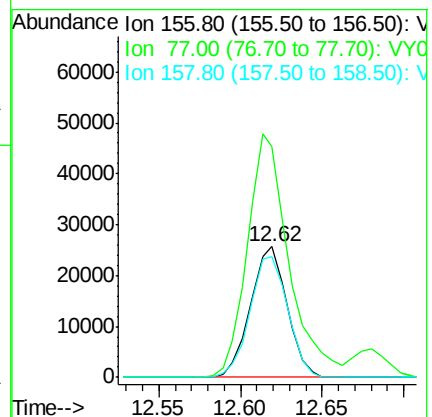
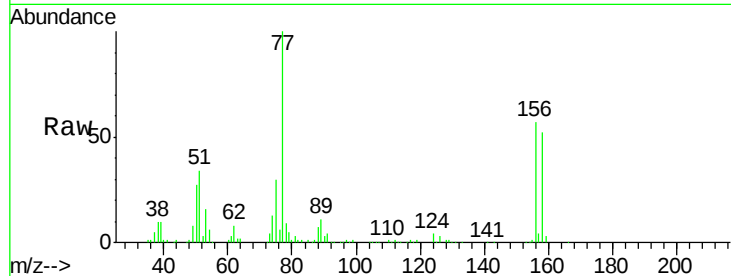
77 212.1 110.1 330.1

158 96.1 47.9 143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 18.282 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001695.D

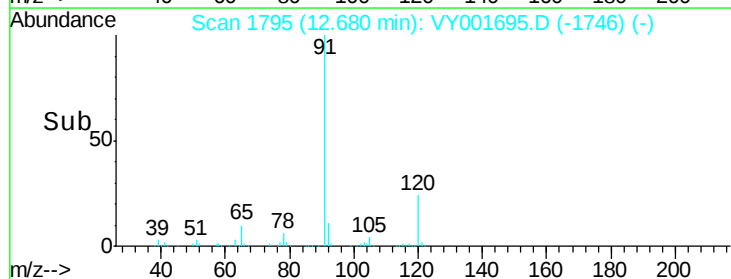
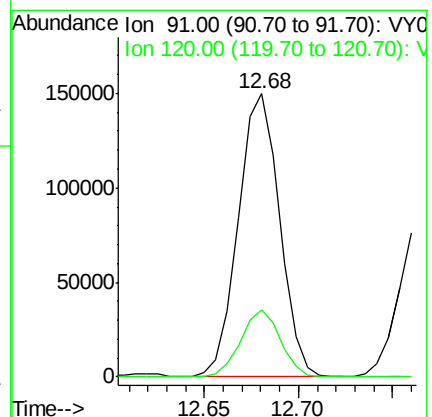
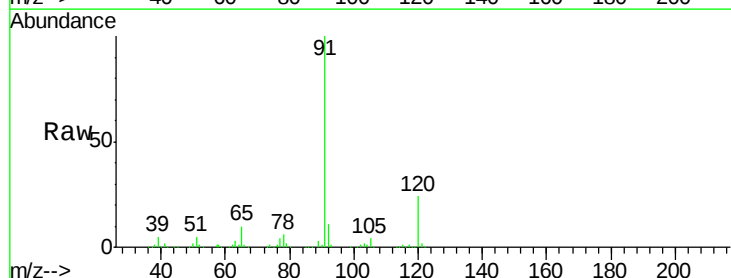
Acq: 19 Feb 2020 12:46

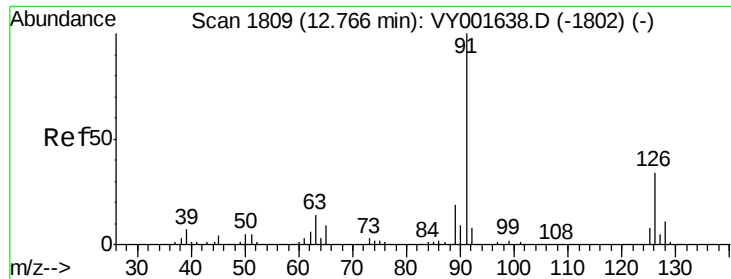
Tgt Ion: 91 Resp: 227125

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.1





#79

2-Chlorotoluene

Concen: 17.952 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

Tot Ion: 91 Resp: 125084

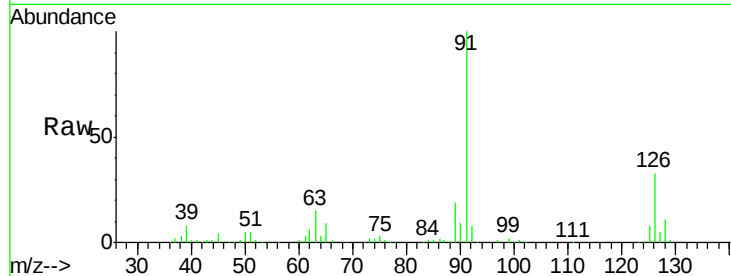
Ion Ratio Lower Upper

91 100

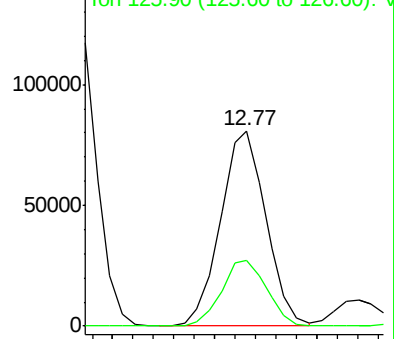
126 33.7 16.2 48.6

Manual Integrations
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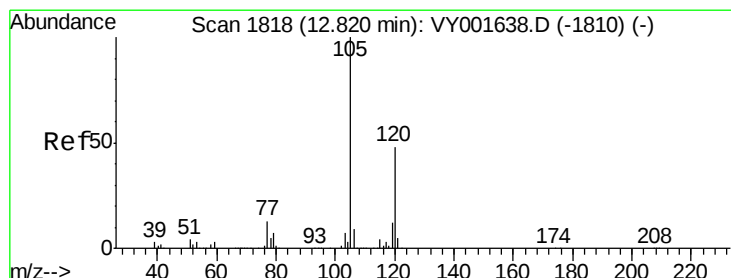
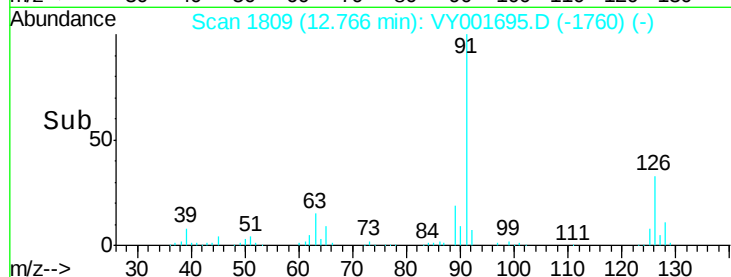
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Abundance Ion 91.00 (90.70 to 91.70): VY001695.D (-1760) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.215 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001695.D

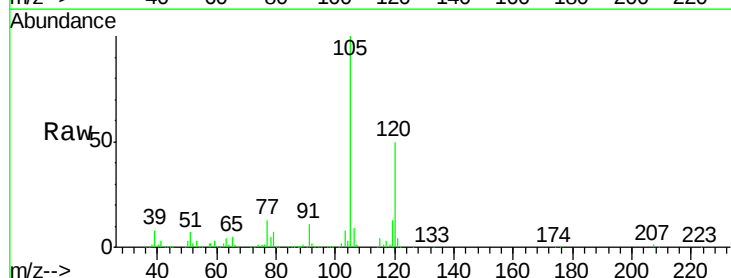
Acq: 19 Feb 2020 12:46

Tgt Ion: 105 Resp: 153800

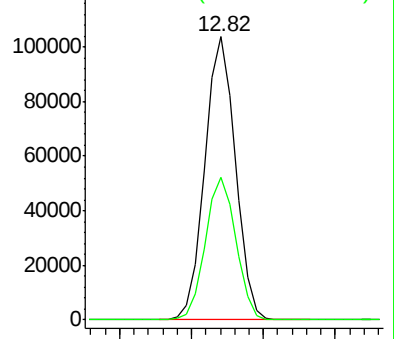
Ion Ratio Lower Upper

105 100

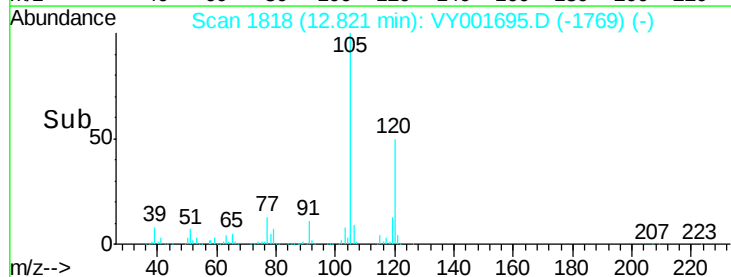
120 50.2 24.3 72.9

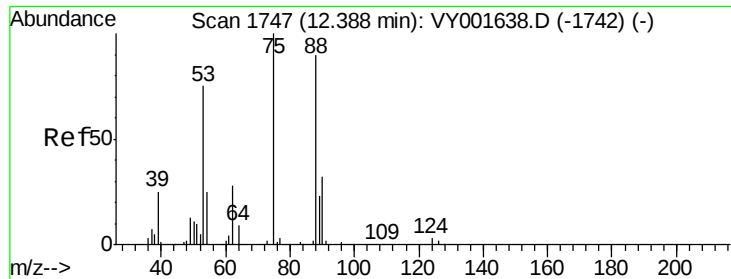


Abundance Ion 105.00 (104.70 to 105.70): VY001695.D (-1769) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.238 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

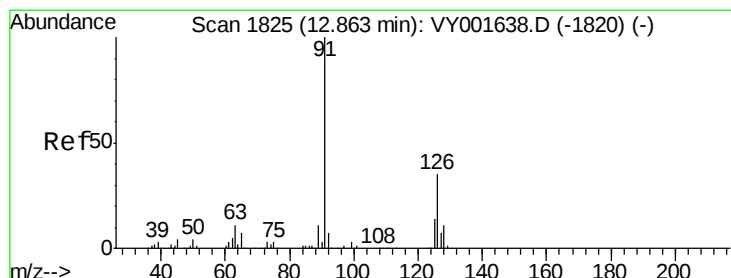
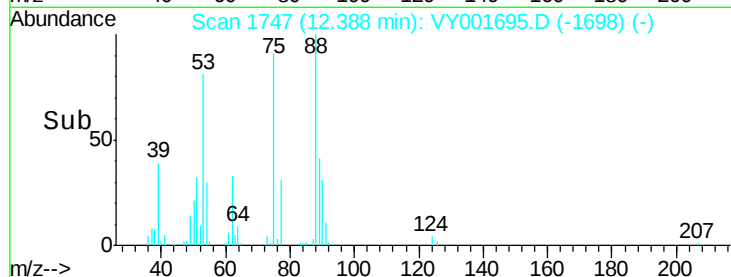
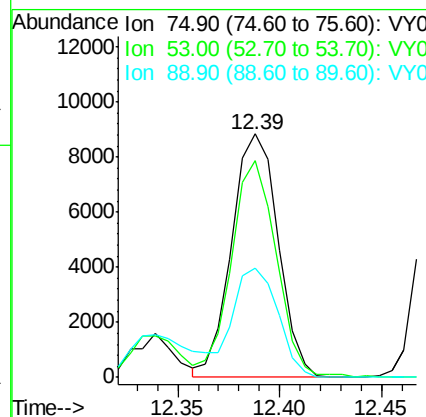
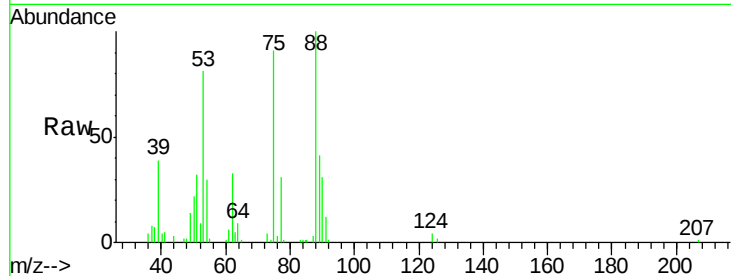
ClientSampleId :

VY0219SBS01

Tot Ion:	75	Resp:	13956
Ion	Ratio	Lower	Upper
75	100		
53	86.6	64.5	96.7
89	44.4	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.296 ug/l

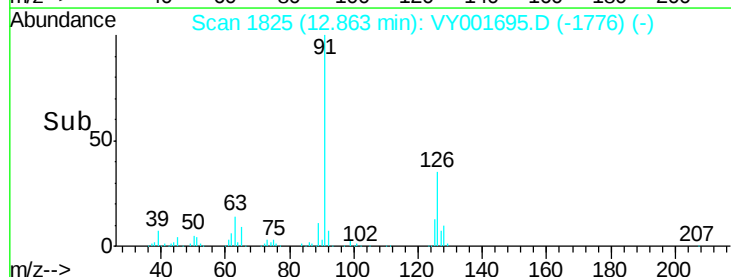
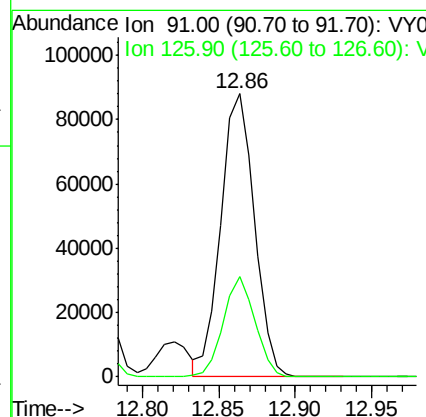
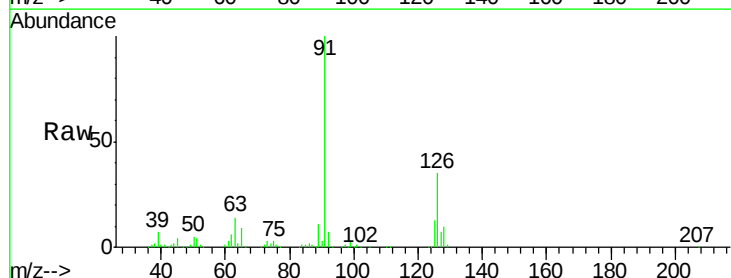
RT: 12.86 min Scan# 1825

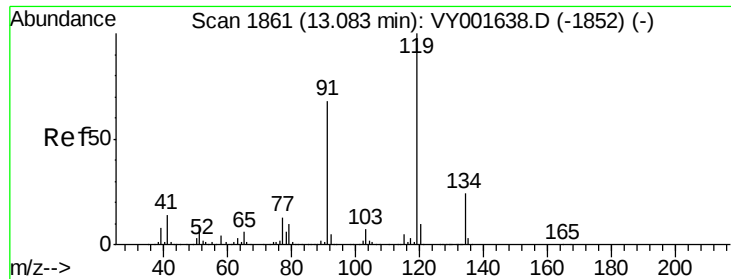
Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	91	Resp:	134452
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.2	48.6





#83

tert-Butylbenzene

Concen: 18.136 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

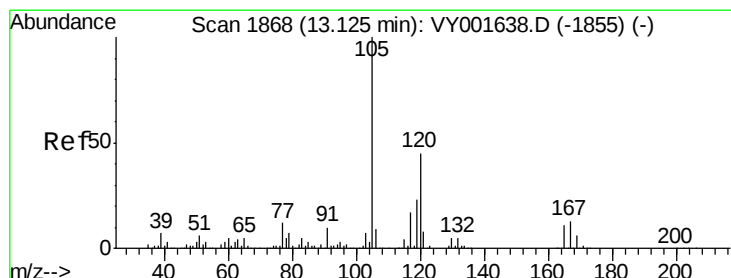
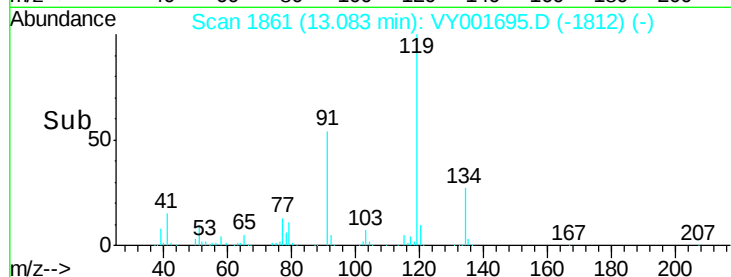
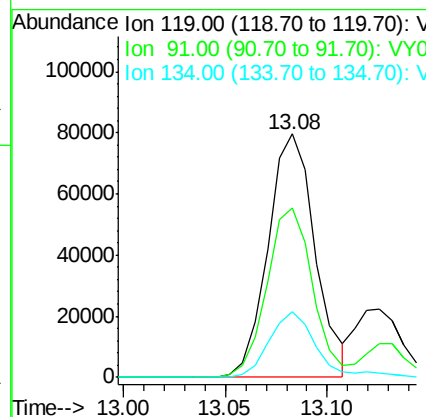
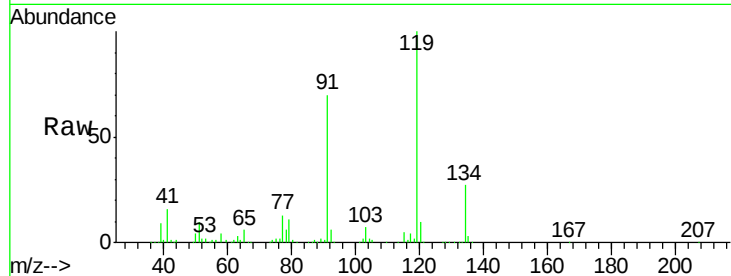
ClientSampleId :

VY0219SBS01

Tot Ion:	119	Resp:	128077
Ion Ratio	Lower	Upper	
119	100		
91	67.3	33.5	100.5
134	27.0	13.3	39.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.449 ug/l

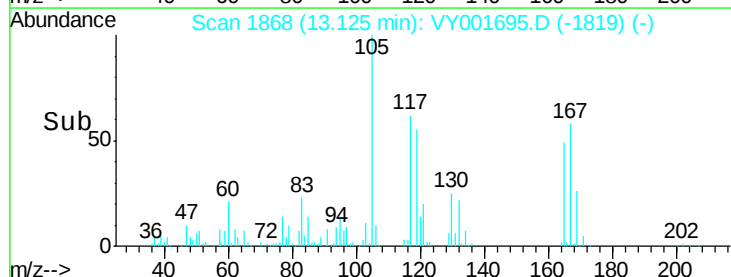
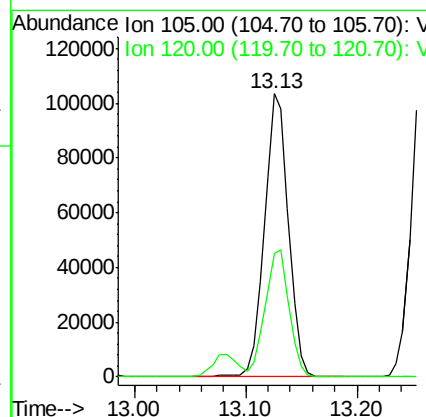
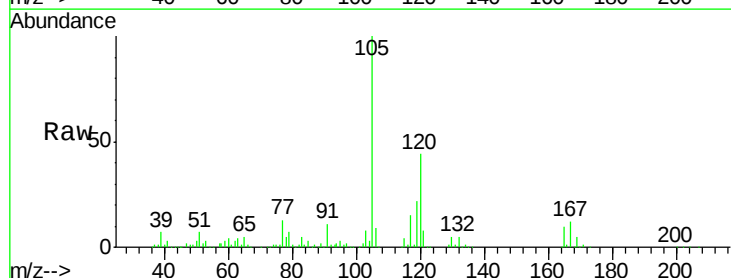
RT: 13.13 min Scan# 1868

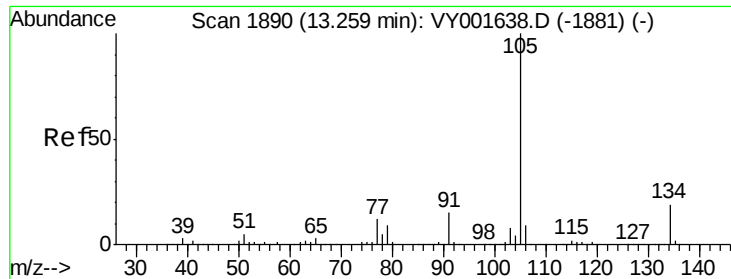
Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	105	Resp:	155302
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.4	67.3





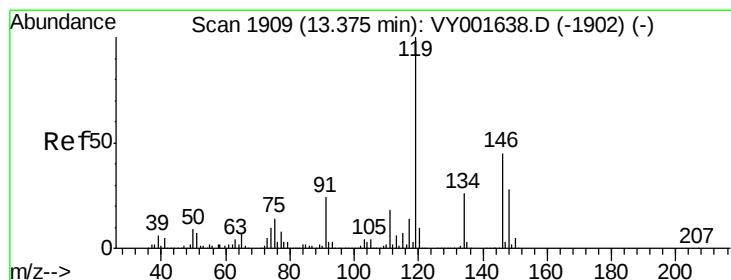
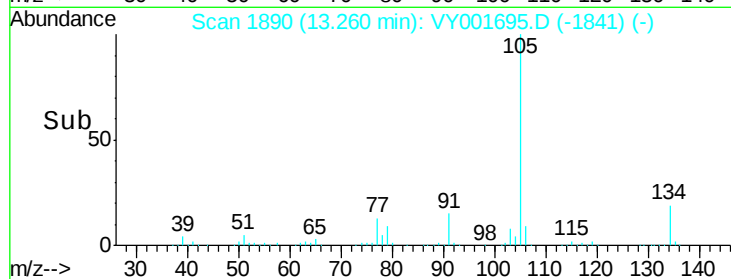
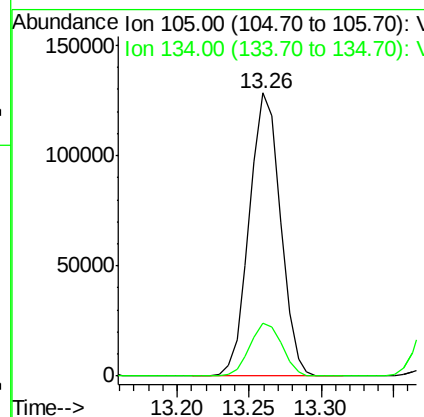
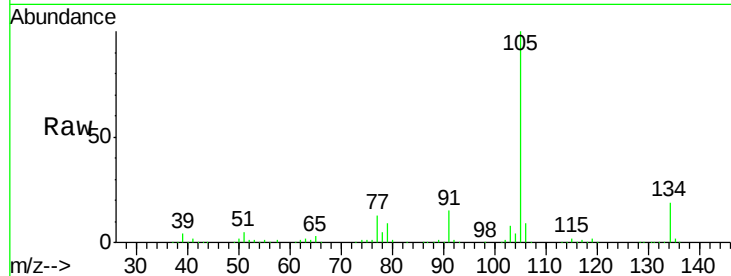
#85
 sec-Butylbenzene
 Concen: 18.471 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	191851		
134	19.2	9.8	29.3	

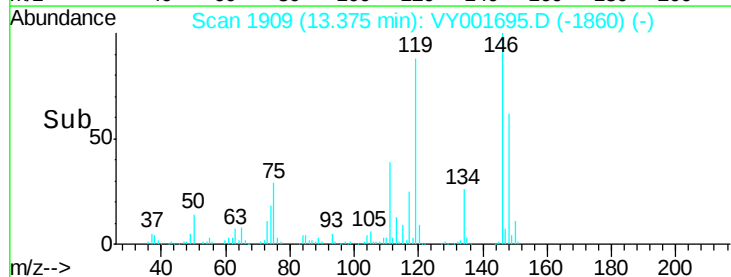
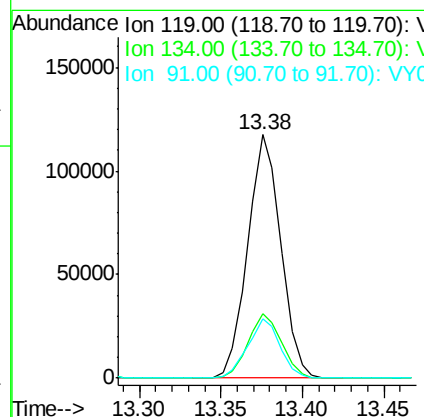
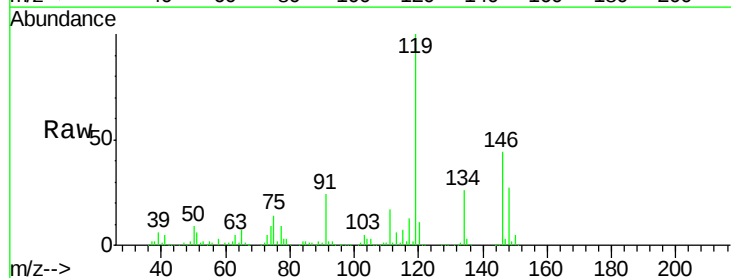
Manual Integrations
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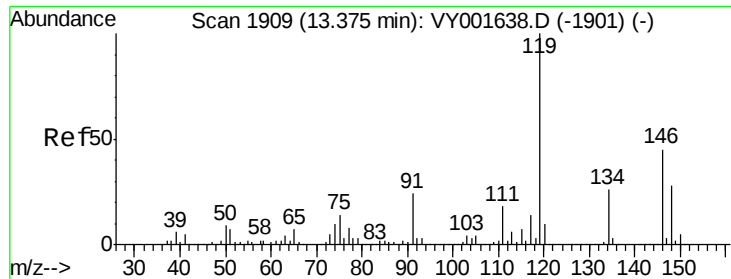
MMDadoda
 2/20/2020 5:56:07 PM



#86
 p-Isopropyltoluene
 Concen: 18.392 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	165949		
134	27.0	13.0	39.0	
91	24.2	12.2	36.6	





#87

1,3-Dichlorobenzene

Concen: 18.446 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

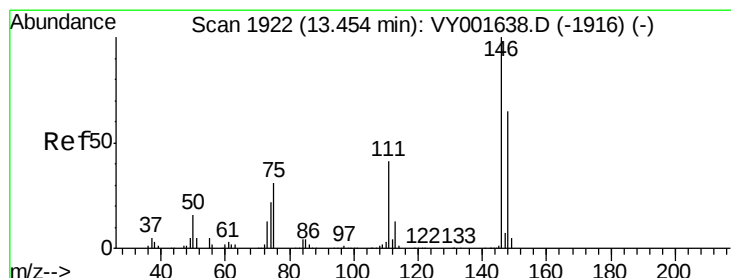
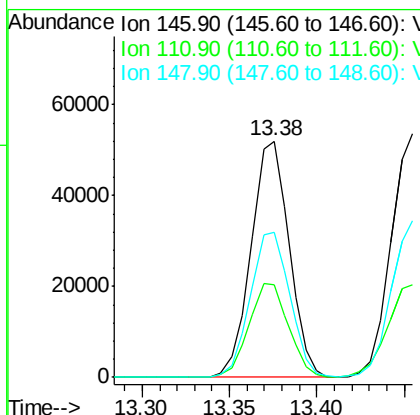
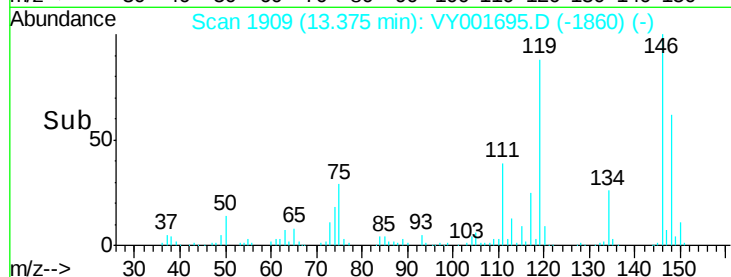
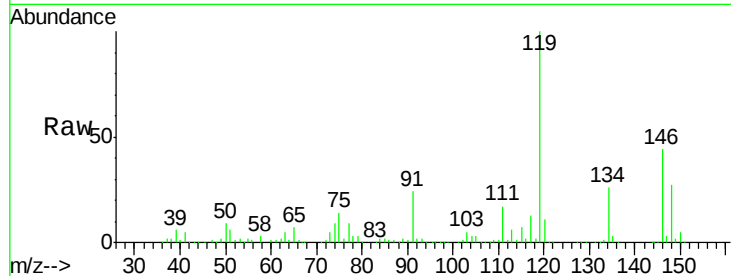
ClientSampleId :

VY0219SBSD01

Tot Ion:	146	Resp:	79106
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.4	64.3
148	63.6	31.6	94.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.778 ug/l

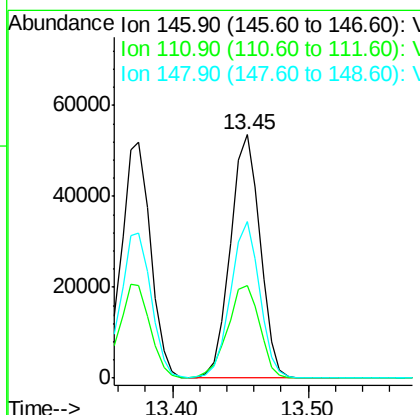
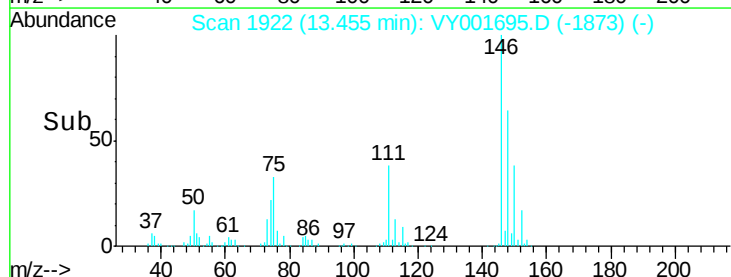
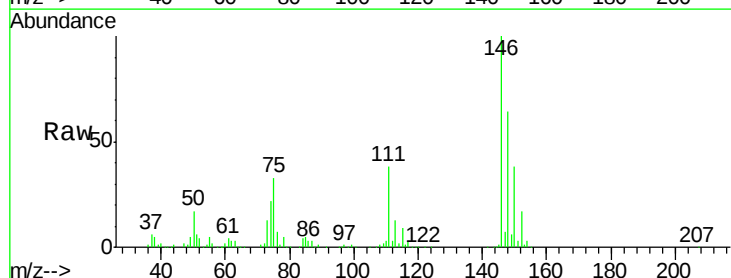
RT: 13.45 min Scan# 1922

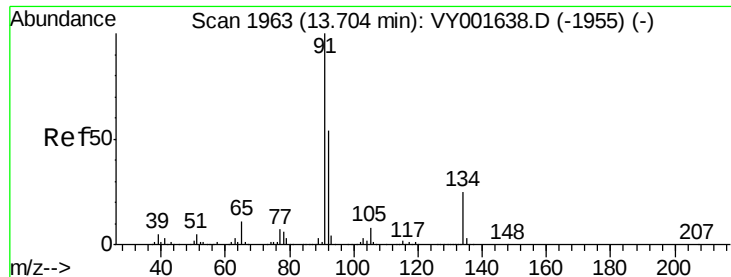
Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	146	Resp:	81404
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.4	61.3
148	63.0	31.6	94.7





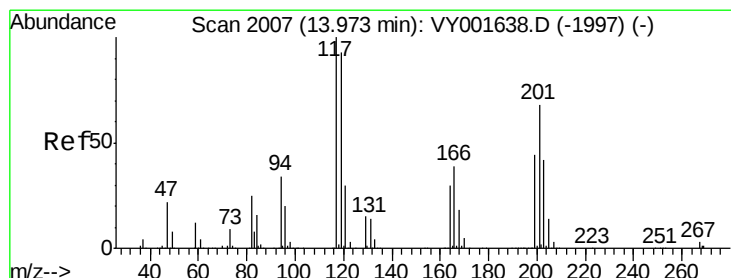
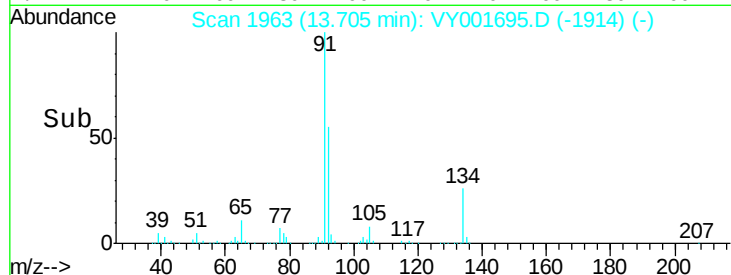
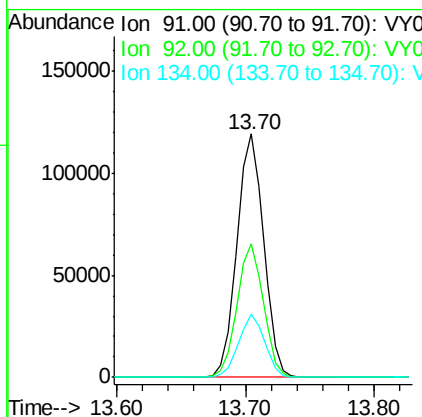
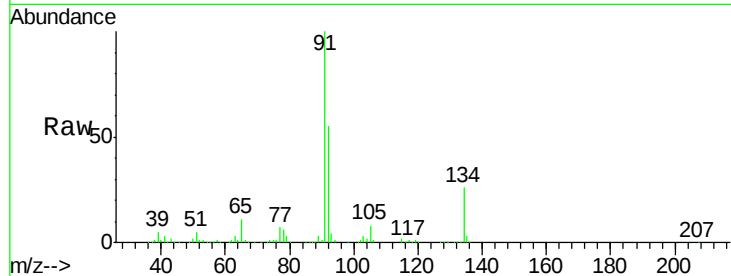
#89
n-Butylbenzene
Concen: 18.658 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	25.0	12.4	37.4

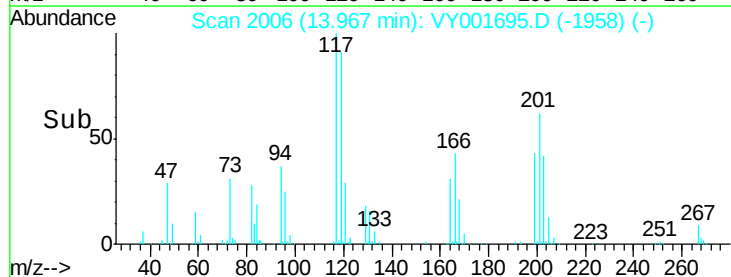
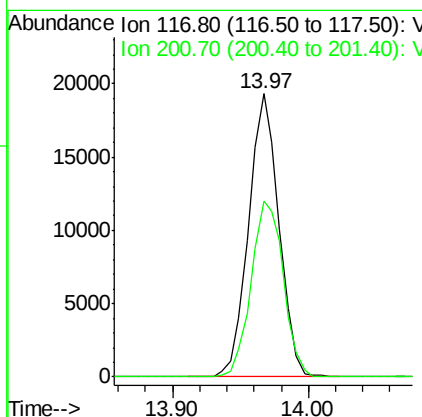
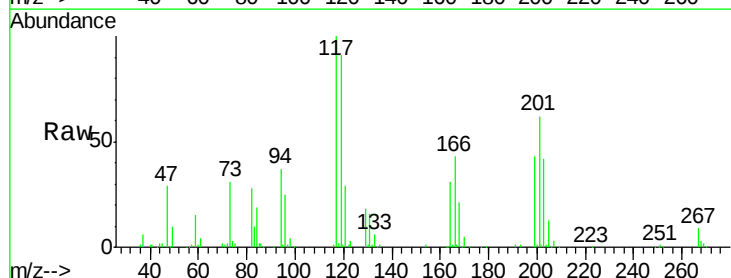
Manual Integrations
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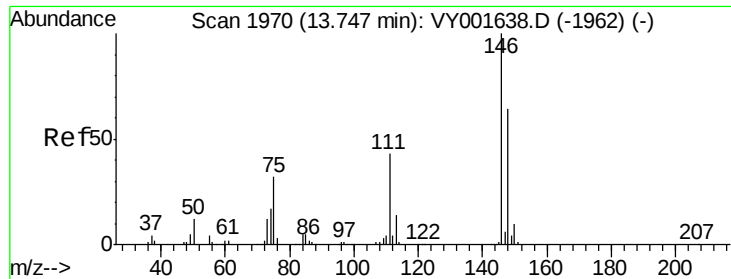
MMDadoda
2/20/2020 5:56:07 PM



#90
Hexachloroethane
Concen: 17.753 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001695.D
Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	32.5	97.4





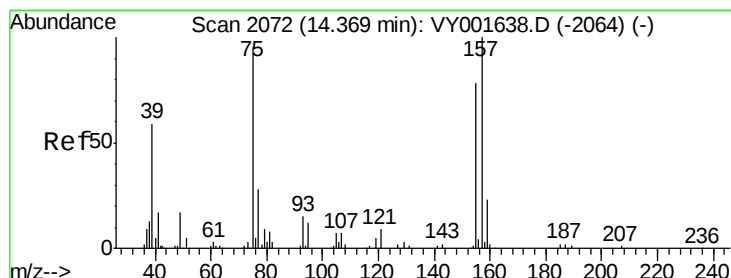
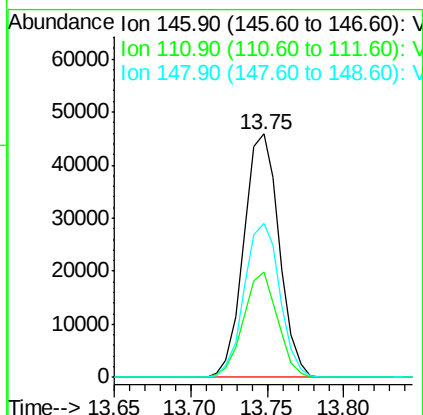
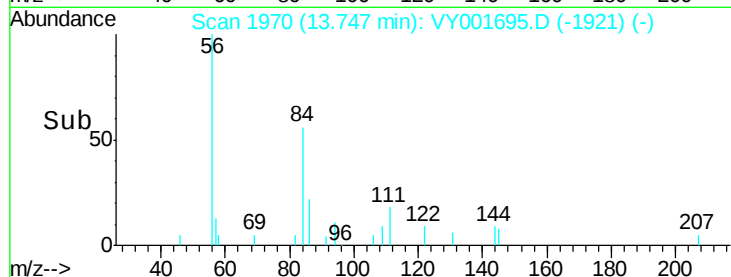
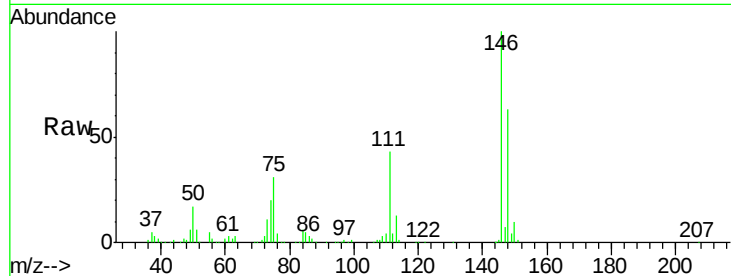
#91
 1,2-Dichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.9	65.7
148	63.5	31.5	94.5

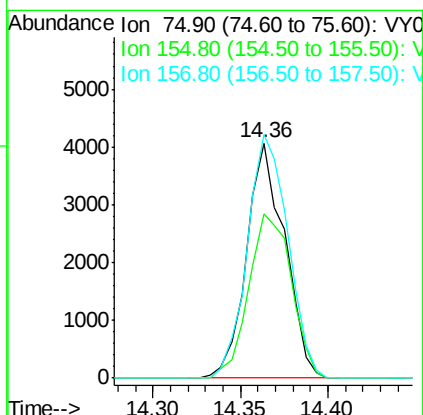
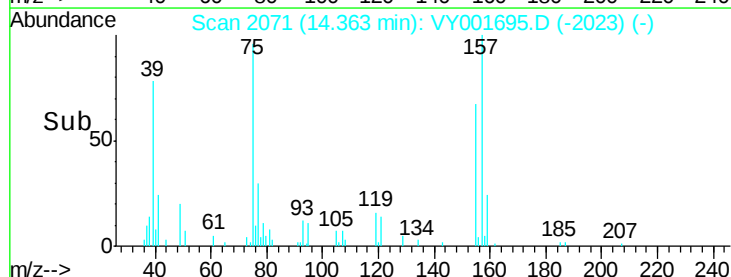
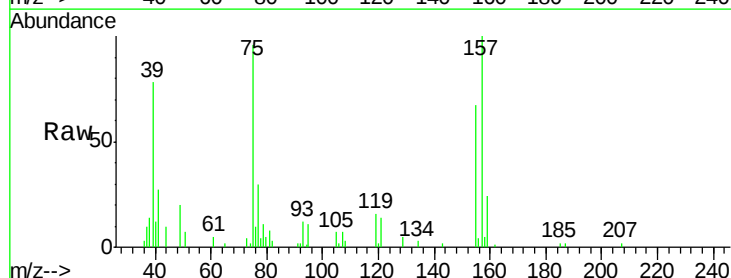
Manual Integrations
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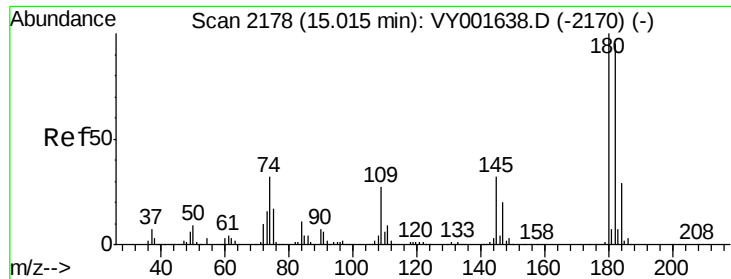
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.099 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	40.8	122.4
157	110.3	52.1	156.4





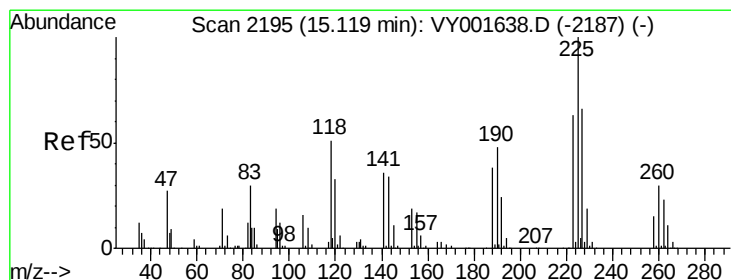
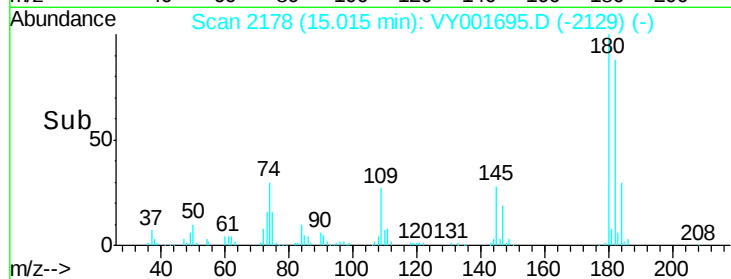
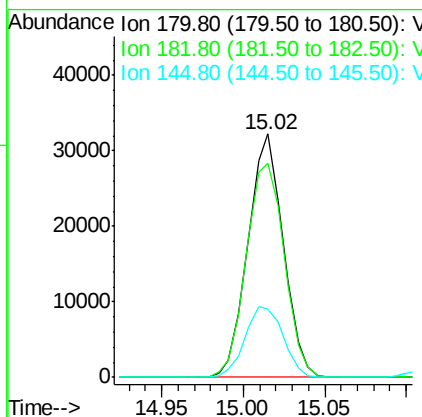
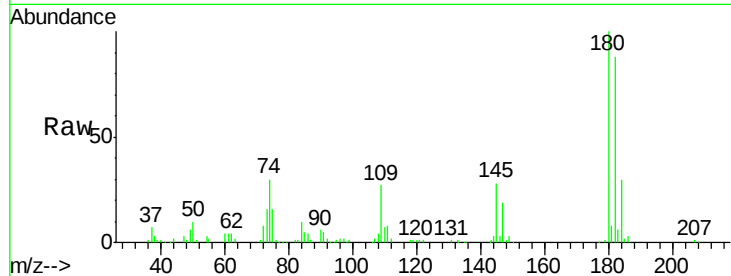
#93
 1,2,4-Trichlorobenzene
 Concen: 18.544 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.8	140.3
145	31.3	16.2	48.5

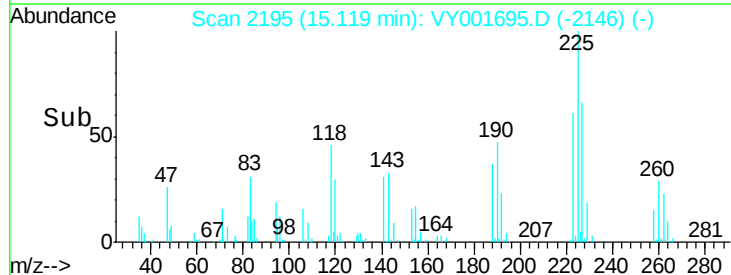
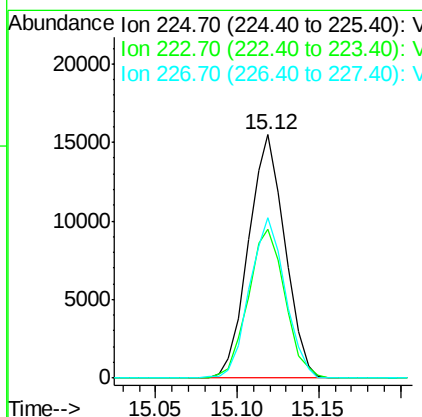
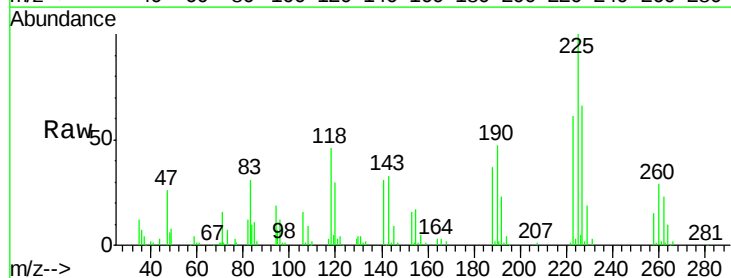
Manual Integrations
 APPROVED

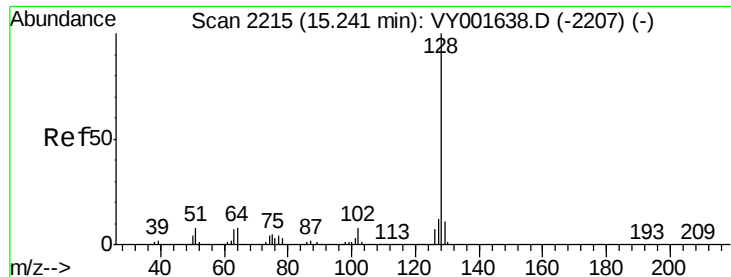
MMDadoda
 2/20/2020 5:56:07 PM



#94
 Hexachlorobutadiene
 Concen: 18.414 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001695.D
 Acq: 19 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.4	94.0
227	64.3	31.6	94.8





#95

Naphthalene

Concen: 17.967 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Instrument :

MSVOA_Y

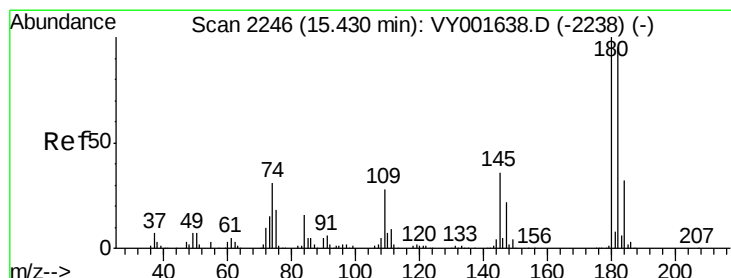
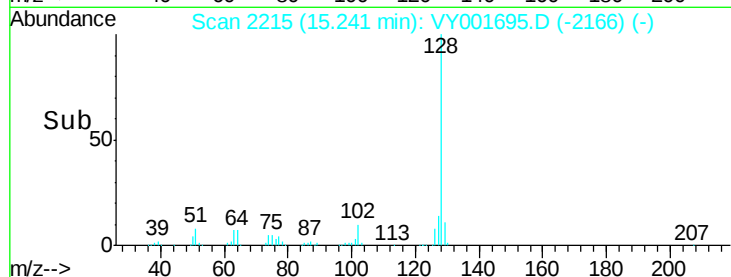
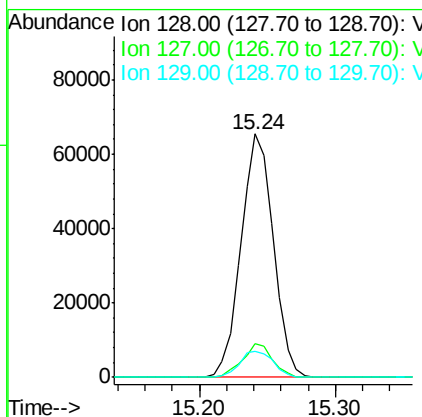
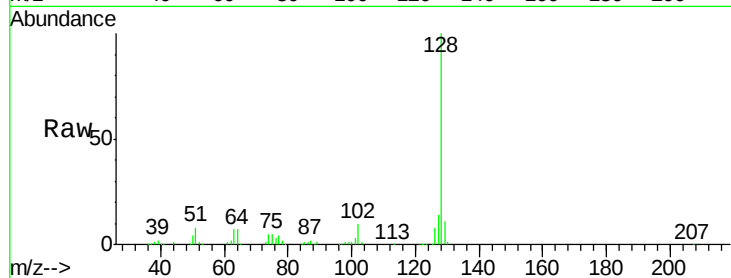
ClientSampleId :

VY0219SBS01

Tot Ion:	128	Resp:	108647
Ion Ratio		Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.4	8.6	13.0

Manual Integrations
APPROVED

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2/20/2020 5:56:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.491 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001695.D

Acq: 19 Feb 2020 12:46

Tgt Ion:	180	Resp:	42666
Ion Ratio		Lower	Upper
180	100		
182	93.8	47.2	141.6
145	32.2	17.3	52.0

