

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
 Data File : VY009816.D
 Acq On : 03 Aug 2022 13:11
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 04 00:47:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 00:44:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	45748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	71219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10934	24.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.380%#
35) Dibromofluoromethane	7.710	113	9777	22.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.040%#
50) Toluene-d8	10.179	98	37116	24.457	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	48.920%#
62) 4-Bromofluorobenzene	12.477	95	12877	21.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	43.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9873	20.476	ug/l	98
3) Chloromethane	2.107	50	13938	21.074	ug/l	96
4) Vinyl Chloride	2.241	62	14016	20.212	ug/l	100
5) Bromomethane	2.631	94	9656	20.549	ug/l	99
6) Chloroethane	2.778	64	9595	21.268	ug/l	94
7) Trichlorofluoromethane	3.107	101	18901	20.444	ug/l	89
8) Diethyl Ether	3.515	74	5636	20.262	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	10276	20.319	ug/l	98
10) Methyl Iodide	4.076	142	11826	22.087	ug/l	99
11) Tert butyl alcohol	4.954	59	5388	113.456	ug/l	97
12) 1,1-Dichloroethene	3.850	96	9384	20.312	ug/l	95
13) Acrolein	3.722	56	916	142.977	ug/l	96
14) Allyl chloride	4.466	41	14880	19.195	ug/l	98
15) Acrylonitrile	5.143	53	15002	101.598	ug/l	99
16) Acetone	3.936	43	13298	102.687	ug/l	89
17) Carbon Disulfide	4.180	76	28906	20.073	ug/l	98
18) Methyl Acetate	4.472	43	8087	20.932	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	23996	20.248	ug/l	99
20) Methylene Chloride	4.698	84	15169	18.830	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	10433	19.864	ug/l	94
22) Diisopropyl ether	6.106	45	33628	19.592	ug/l	93
23) Vinyl Acetate	6.051	43	105529	96.333	ug/l	99
24) 1,1-Dichloroethane	6.009	63	18565	19.984	ug/l	97
25) 2-Butanone	6.978	43	21342	100.753	ug/l	99
26) 2,2-Dichloropropane	6.978	77	17704	20.501	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	11874	20.243	ug/l	97
28) Bromochloromethane	7.319	49	7029	19.407	ug/l #	98
29) Tetrahydrofuran	7.332	42	14003	102.639	ug/l	96
30) Chloroform	7.496	83	19453	20.011	ug/l	98
31) Cyclohexane	7.777	56	16242	18.763	ug/l #	84
32) 1,1,1-Trichloroethane	7.691	97	17170	20.382	ug/l	98
36) 1,1-Dichloropropene	7.911	75	14303	19.854	ug/l	97
37) Ethyl Acetate	7.069	43	9620	20.502	ug/l	99
38) Carbon Tetrachloride	7.886	117	15737	20.771	ug/l	95
39) Methylcyclohexane	9.179	83	15884	19.005	ug/l	95
40) Benzene	8.155	78	44662	20.437	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	4154	8.811	ug/l #	75
42) 1,2-Dichloroethane	8.228	62	13286	21.174	ug/l	97
43) Isopropyl Acetate	8.264	43	16186	19.798	ug/l	96
44) Trichloroethene	8.935	130	12056	20.701	ug/l	94
45) 1,2-Dichloropropane	9.209	63	10886	19.934	ug/l	93
46) Dibromomethane	9.301	93	6721	19.965	ug/l	98
47) Bromodichloromethane	9.490	83	15158	19.484	ug/l	97
48) Methyl methacrylate	9.289	41	7248	19.341	ug/l	95
49) 1,4-Dioxane	9.295	88	1504	404.182	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	46165	100.104	ug/l	99
52) Toluene	10.240	92	26795	19.459	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	15796	20.715	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	16903	19.642	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	9925	22.003	ug/l	98
56) Ethyl methacrylate	10.508	69	11451	20.194	ug/l	98
57) 1,3-Dichloropropane	10.788	76	15672	20.458	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	28970	104.937	ug/l	100
59) 2-Hexanone	10.831	43	33470	104.749	ug/l	98
60) Dibromochloromethane	10.983	129	11585	21.477	ug/l	98
61) 1,2-Dibromoethane	11.087	107	9035	20.528	ug/l	99
64) Tetrachloroethene	10.715	164	11957	20.008	ug/l	96
65) Chlorobenzene	11.514	112	32719	19.995	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	12362	20.361	ug/l	98
67) Ethyl Benzene	11.593	91	54685	19.246	ug/l	98
68) m/p-Xylenes	11.703	106	44458	39.859	ug/l	97
69) o-Xylene	12.026	106	19167	19.232	ug/l	97
70) Styrene	12.044	104	33126	19.431	ug/l	98
71) Bromoform	12.209	173	7361	20.218	ug/l #	98
73) Isopropylbenzene	12.325	105	50958	20.385	ug/l	99
74) N-amyl acetate	12.142	43	15298	19.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	11771	20.893	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	14727	21.992	ug/l #	100
77) Bromobenzene	12.605	156	13646	21.743	ug/l	91
78) n-propylbenzene	12.666	91	63522	20.140	ug/l	98
79) 2-Chlorotoluene	12.751	91	35264	20.079	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	44546	21.124	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	3805	19.836	ug/l	99
82) 4-Chlorotoluene	12.849	91	38572	20.821	ug/l	97
83) tert-Butylbenzene	13.074	119	36115	20.036	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	43803	21.069	ug/l	98
85) sec-Butylbenzene	13.251	105	56243	20.411	ug/l	99
86) p-Isopropyltoluene	13.367	119	43432	19.436	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	24646	19.985	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	24671	19.654	ug/l	98
89) n-Butylbenzene	13.696	91	41880	19.137	ug/l	99
90) Hexachloroethane	13.958	117	9636	20.076	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	23319	20.659	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1613	18.265	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	12470	19.913	ug/l	97
94) Hexachlorobutadiene	15.111	225	7572	20.643	ug/l	97
95) Naphthalene	15.233	128	24385	19.613	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	11173	20.172	ug/l	97

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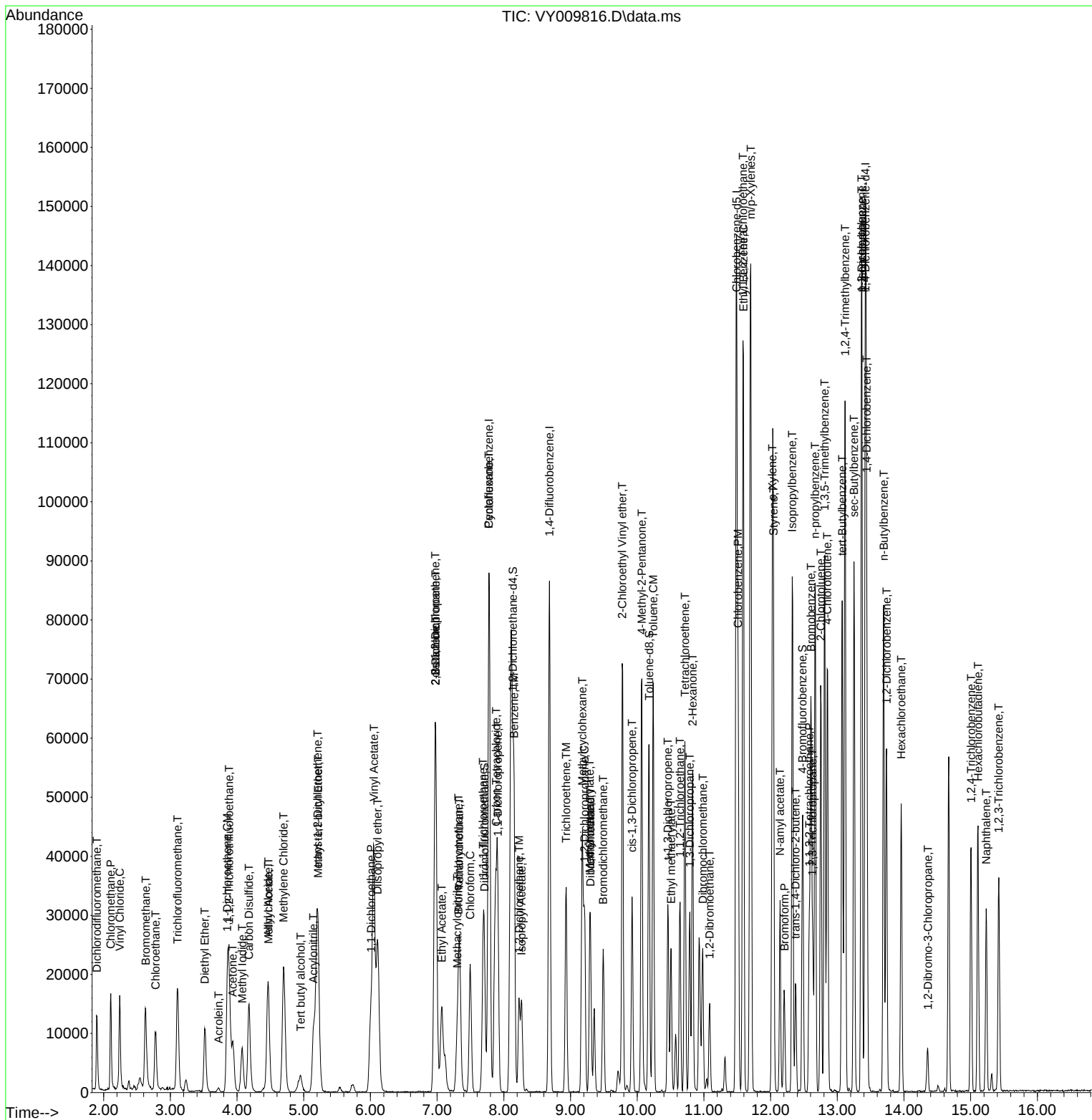
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

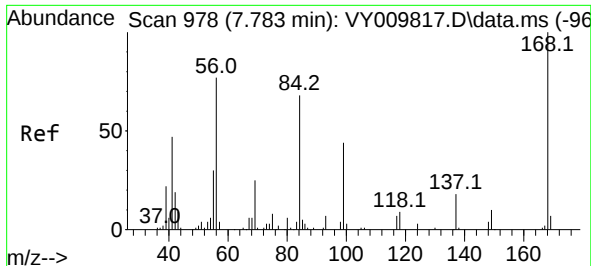
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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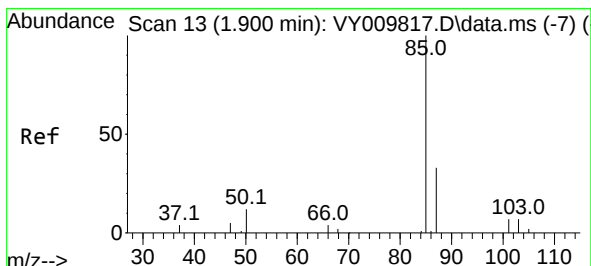
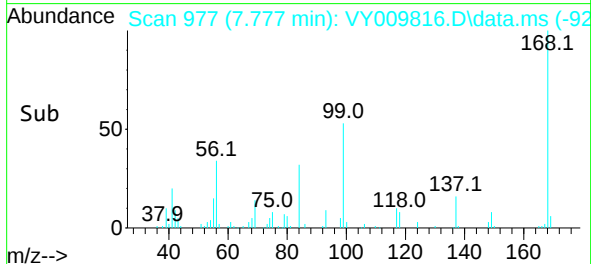
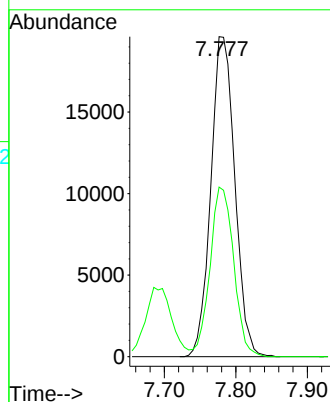
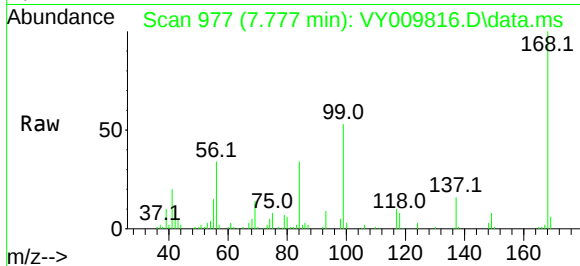




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009816.D
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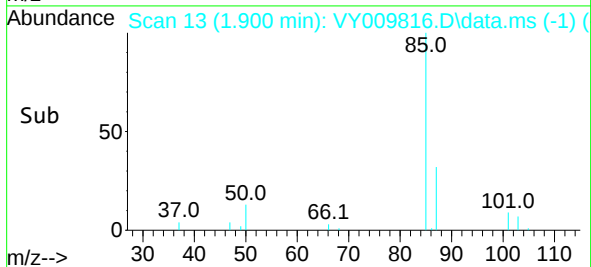
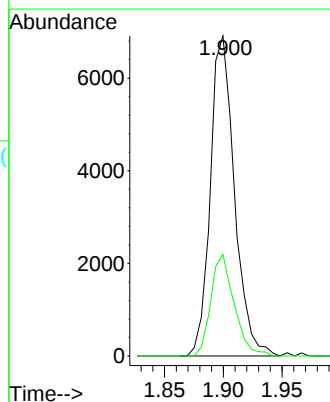
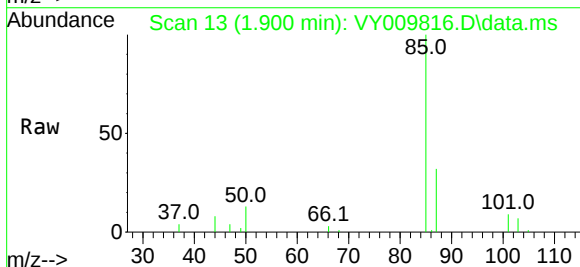
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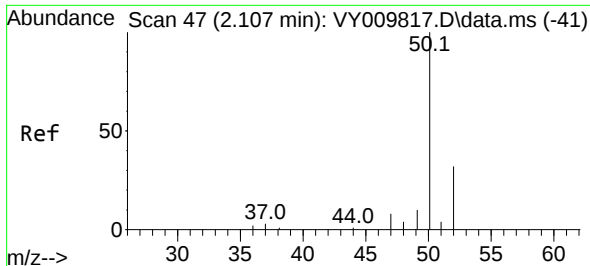
Tgt Ion:168 Resp: 45748
Ion Ratio Lower Upper
168 100
99 53.0 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 20.476 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 85 Resp: 9873
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2

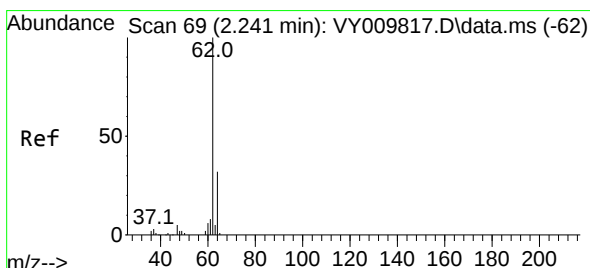
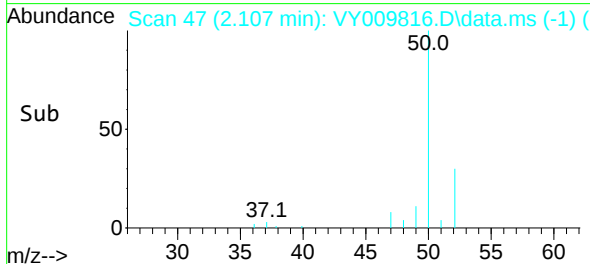
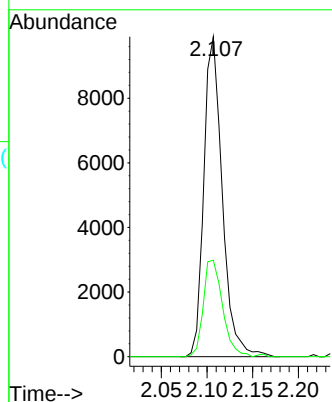
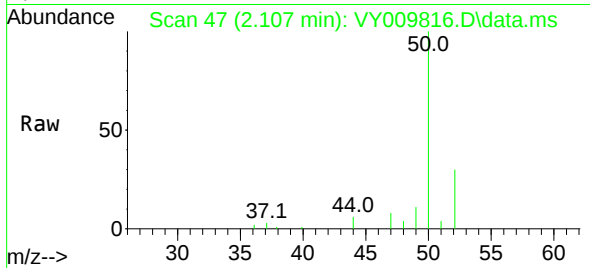




#3
Chloromethane
Concen: 21.074 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

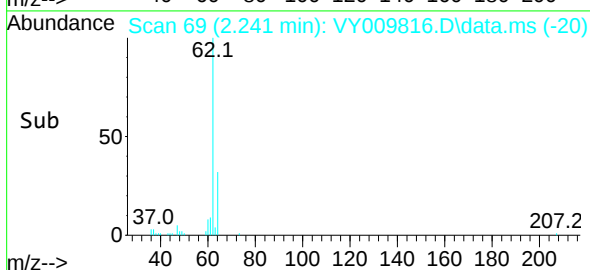
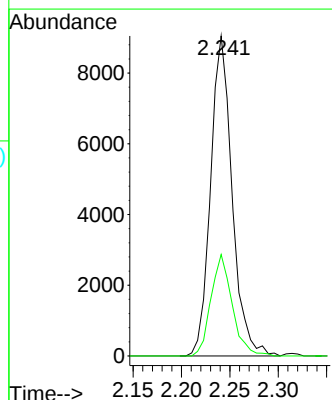
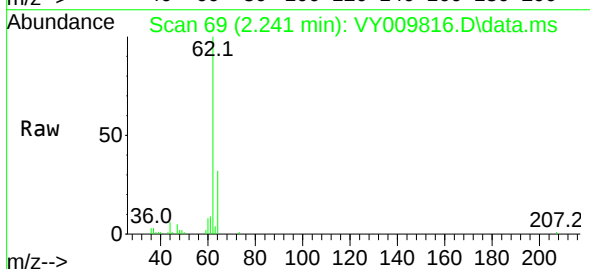
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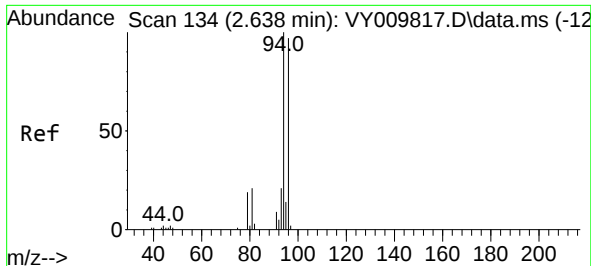
Tgt Ion: 50 Resp: 13938
Ion Ratio Lower Upper
50 100
52 30.1 25.7 38.5



#4
Vinyl Chloride
Concen: 20.212 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 62 Resp: 14016
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

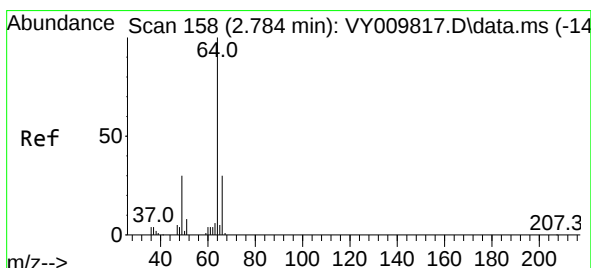
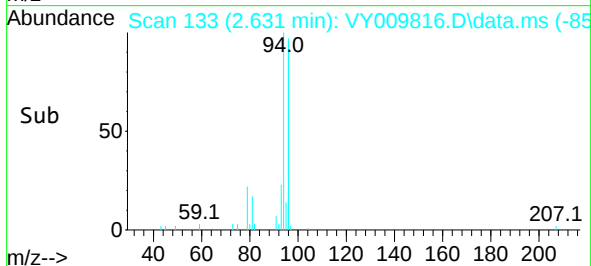
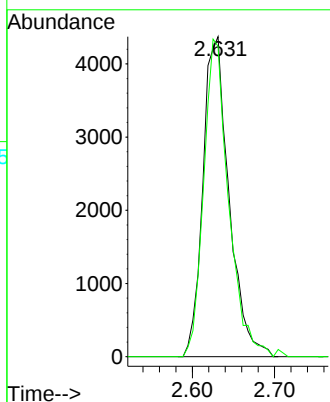
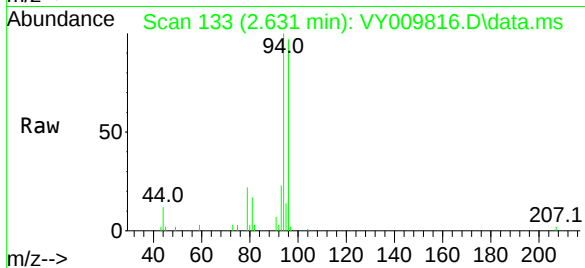




#5
Bromomethane
Concen: 20.549 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

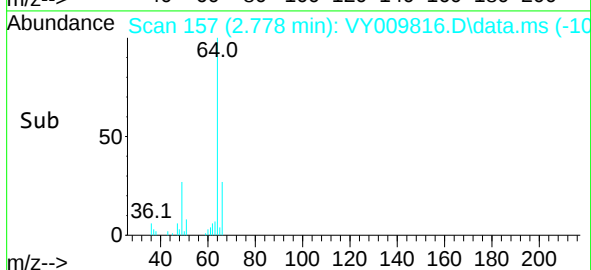
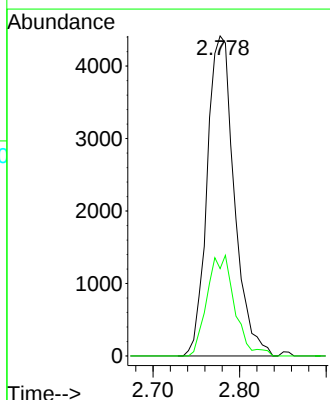
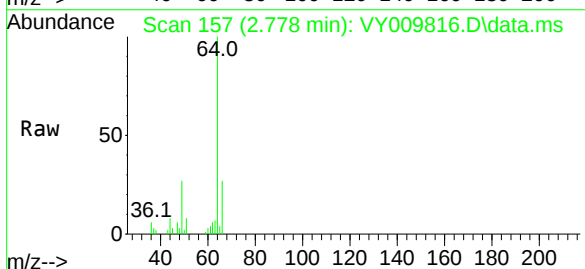
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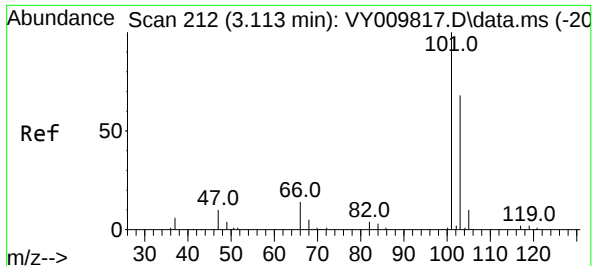
Tgt Ion: 94 Resp: 9656
Ion Ratio Lower Upper
94 100
96 97.0 77.2 115.8



#6
Chloroethane
Concen: 21.268 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 64 Resp: 9595
Ion Ratio Lower Upper
64 100
66 27.3 24.4 36.6

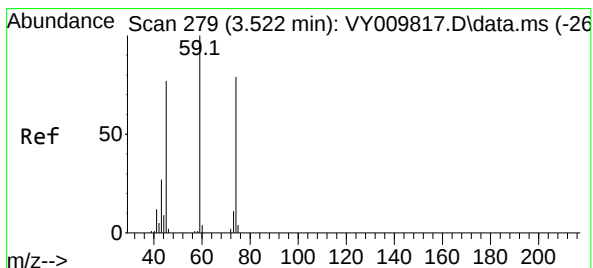
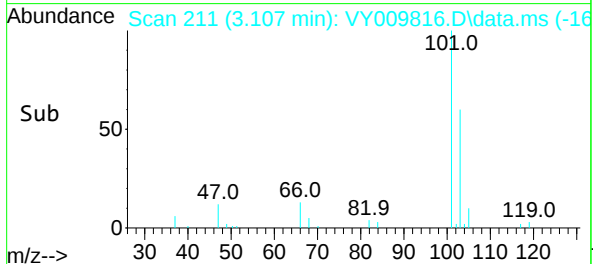
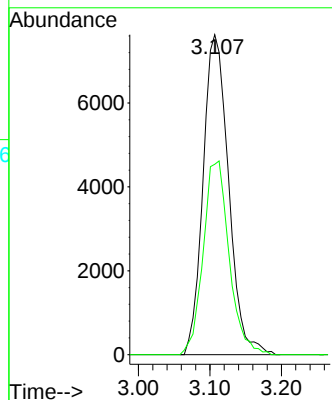
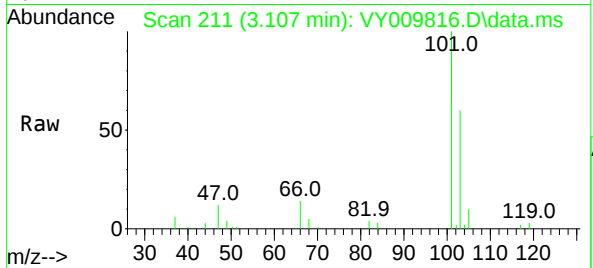




#7
 Trichlorofluoromethane
 Concen: 20.444 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

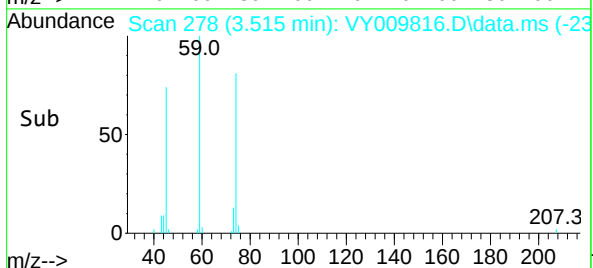
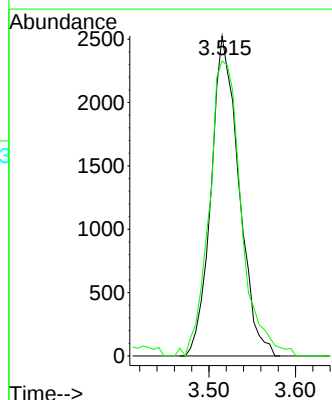
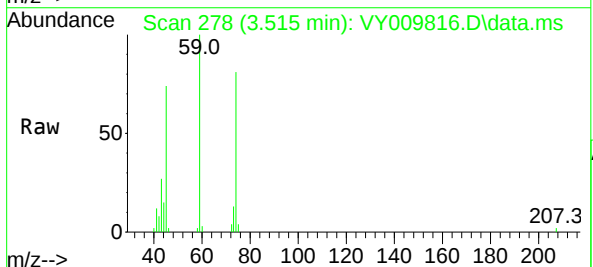
Instrument :
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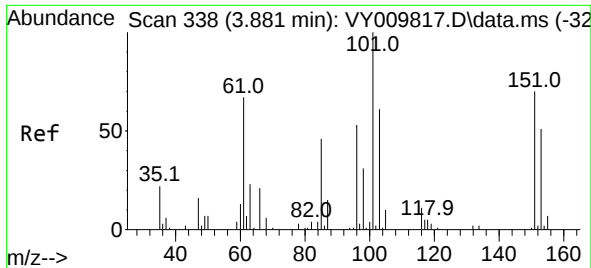
Tgt Ion:101 Resp: 18901
 Ion Ratio Lower Upper
 101 100
 103 59.5 54.4 81.6



#8
 Diethyl Ether
 Concen: 20.262 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY009816.D
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Tgt Ion: 74 Resp: 5636
 Ion Ratio Lower Upper
 74 100
 45 105.9 52.1 156.3

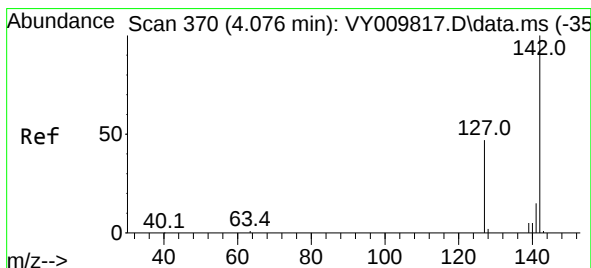
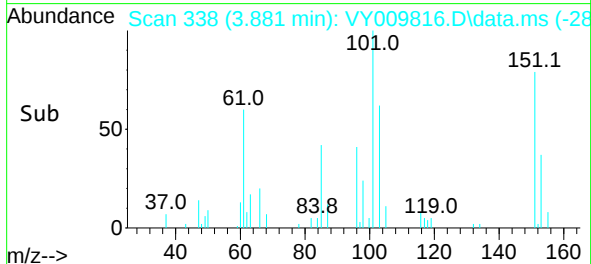
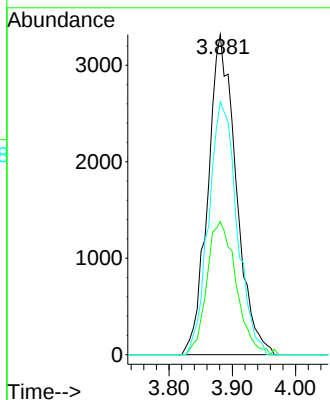
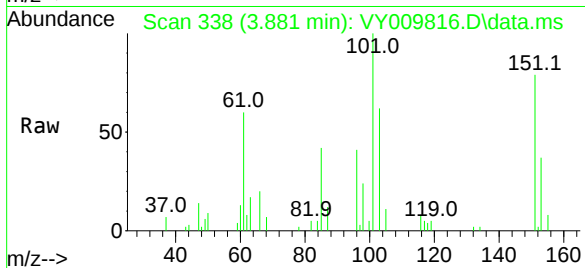




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.319 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

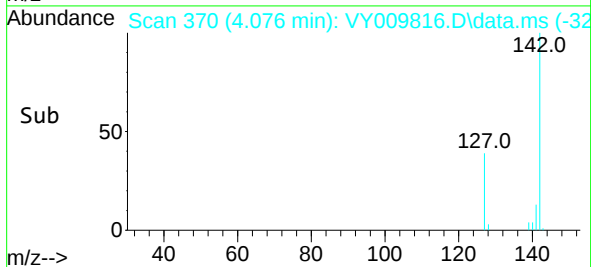
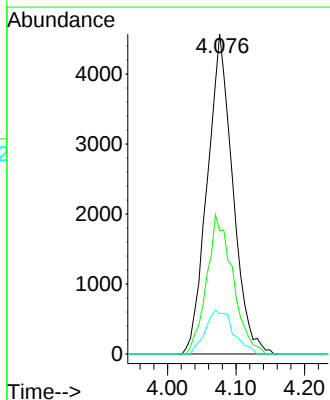
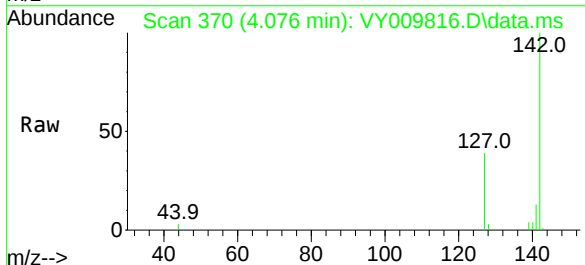
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

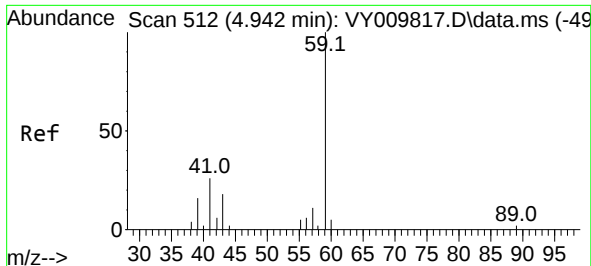
Tgt Ion:101 Resp: 10276
Ion Ratio Lower Upper
101 100
85 43.1 36.1 54.1
151 79.4 62.1 93.1



#10
Methyl Iodide
Concen: 22.087 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:142 Resp: 11826
Ion Ratio Lower Upper
142 100
127 44.6 36.0 54.0
141 15.0 12.0 18.0

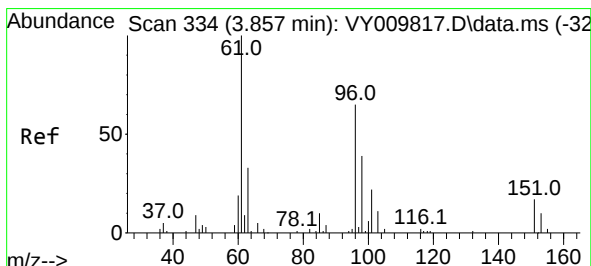
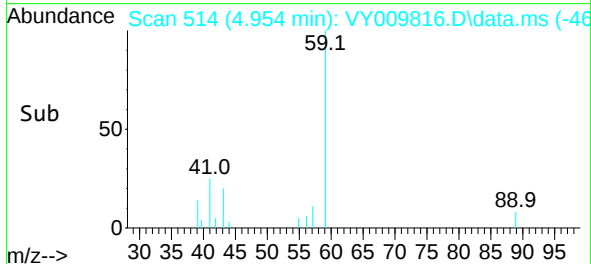
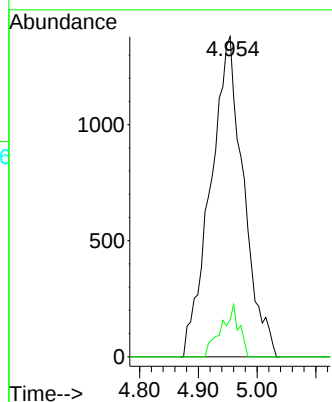
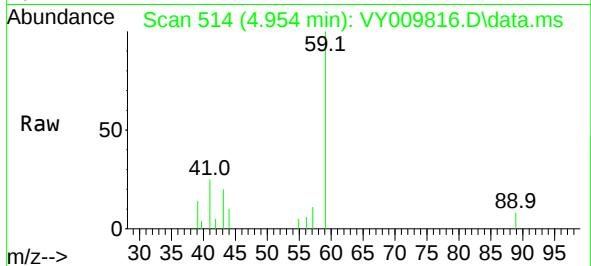




#11
Tert butyl alcohol
Concen: 113.456 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

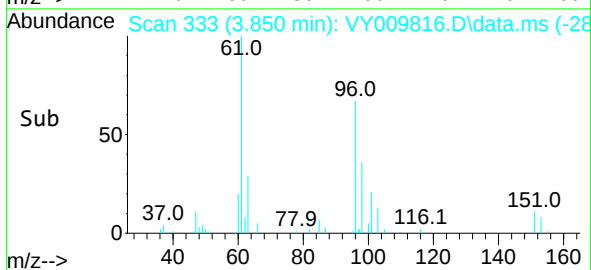
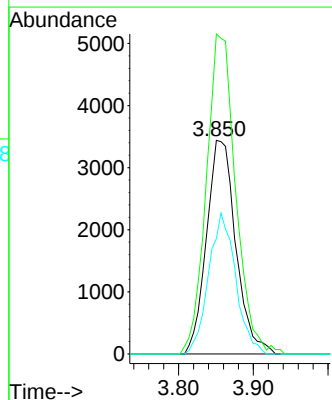
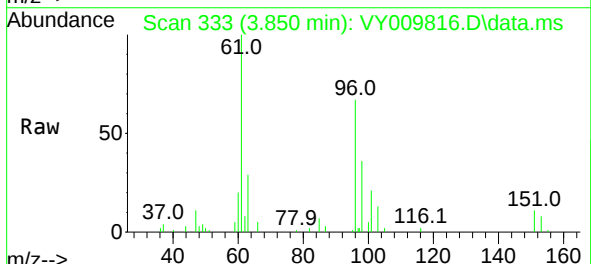
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

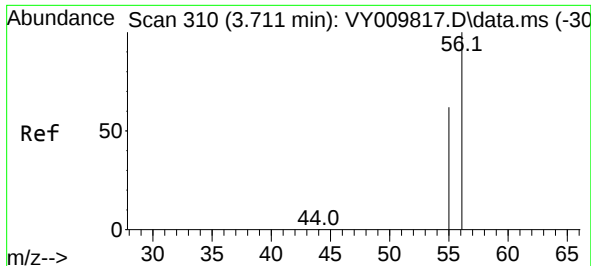
Tgt Ion: 59 Resp: 5388
Ion Ratio Lower Upper
59 100
57 8.8 6.2 9.2



#12
1,1-Dichloroethene
Concen: 20.312 ug/l
RT: 3.850 min Scan# 333
Delta R.T. -0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 96 Resp: 9384
Ion Ratio Lower Upper
96 100
61 149.8 123.9 185.9
98 54.0 48.2 72.4

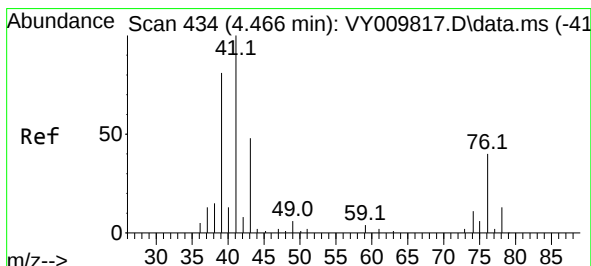
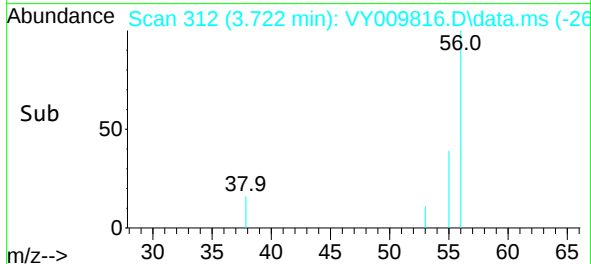
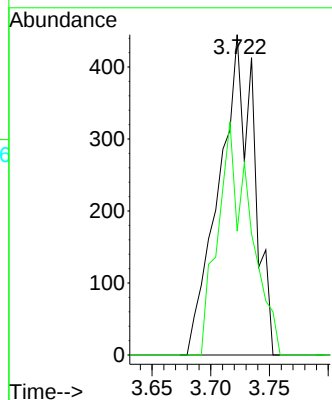
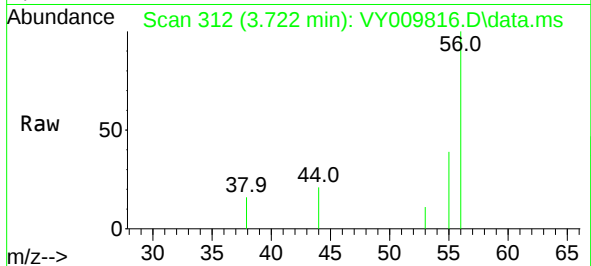




#13
Acrolein
Concen: 142.977 ug/l
RT: 3.722 min Scan# 310
Delta R.T. 0.012 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

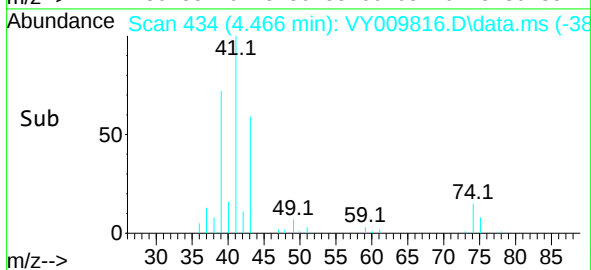
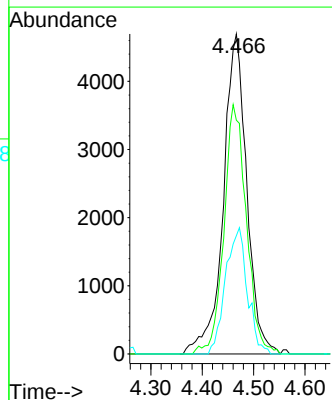
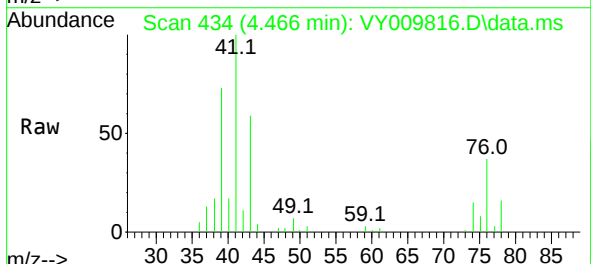
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

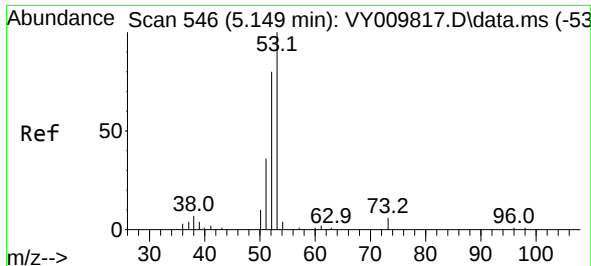
Tgt Ion: 56 Resp: 916
Ion Ratio Lower Upper
56 100
55 67.2 56.5 84.7



#14
Allyl chloride
Concen: 19.195 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 41 Resp: 14880
Ion Ratio Lower Upper
41 100
39 74.7 58.1 87.1
76 36.7 28.9 43.3

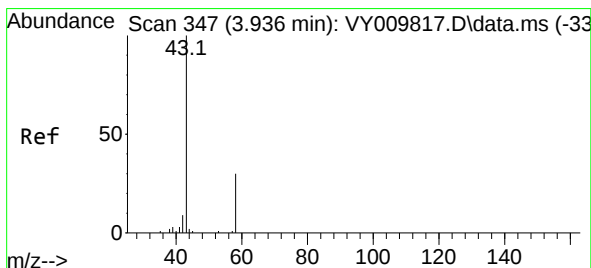
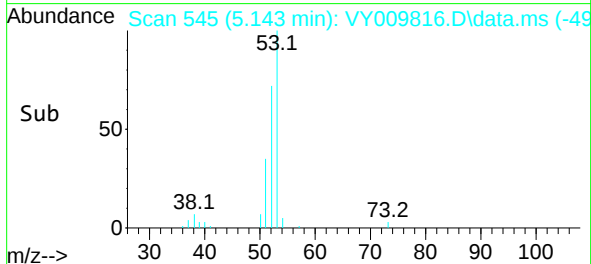
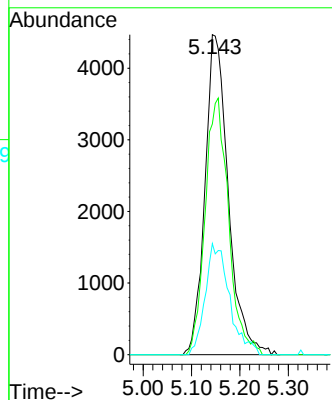
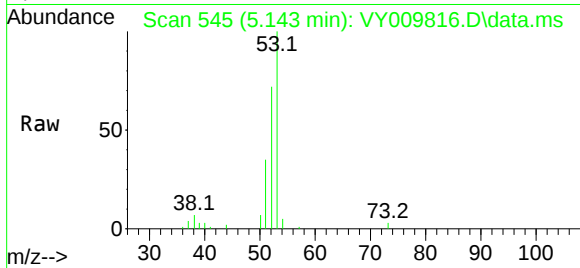




#15
Acrylonitrile
Concen: 101.598 ug/l
RT: 5.143 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

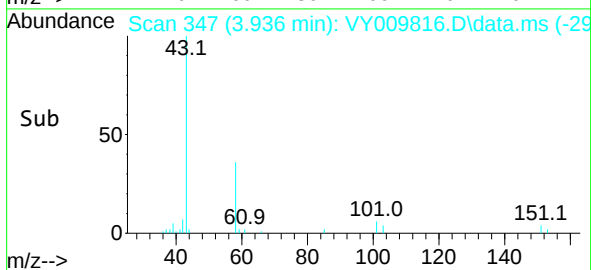
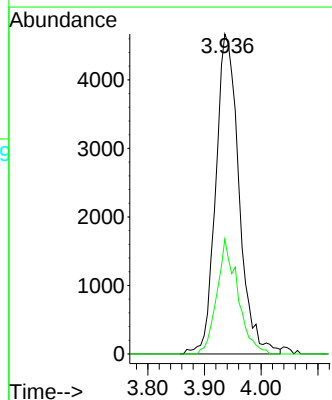
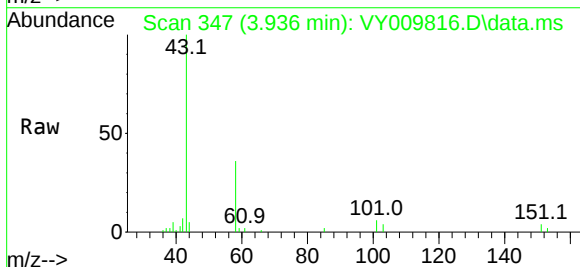
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

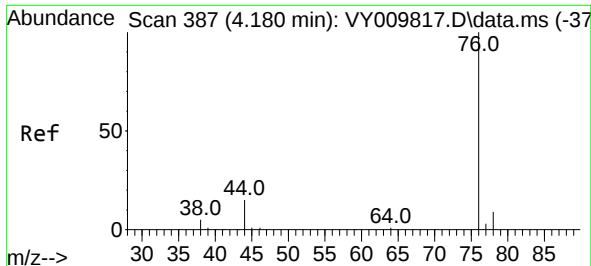
Tgt Ion: 53	Resp: 15002
Ion Ratio	Lower Upper
53 100	
52 80.3	64.5 96.7
51 35.9	28.2 42.2



#16
Acetone
Concen: 102.687 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 43	Resp: 13298
Ion Ratio	Lower Upper
43 100	
58 35.9	24.1 36.1





#17

Carbon Disulfide

Concen: 20.073 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY009816.D

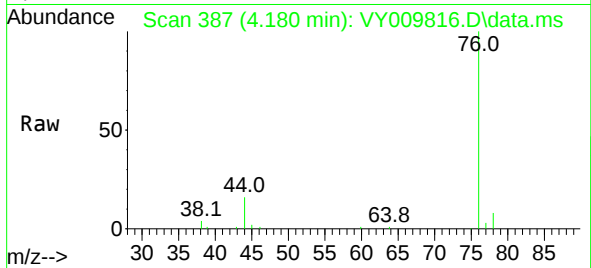
Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

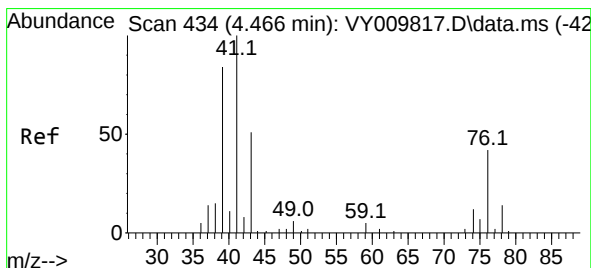
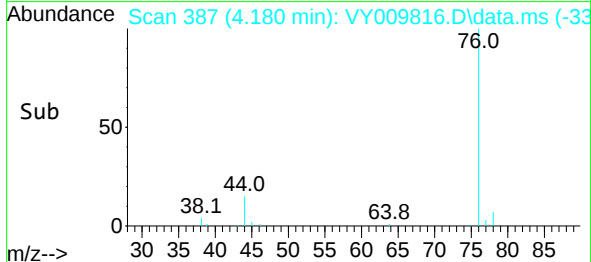
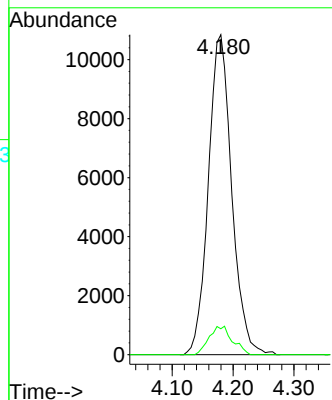


Tgt Ion: 76 Resp: 28906

Ion Ratio Lower Upper

76 100

78 8.1 7.1 10.7



#18

Methyl Acetate

Concen: 20.932 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY009816.D

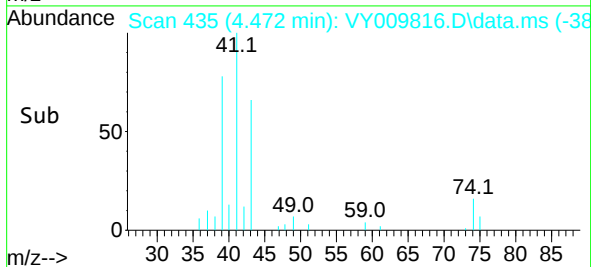
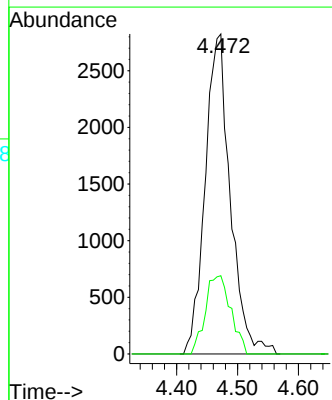
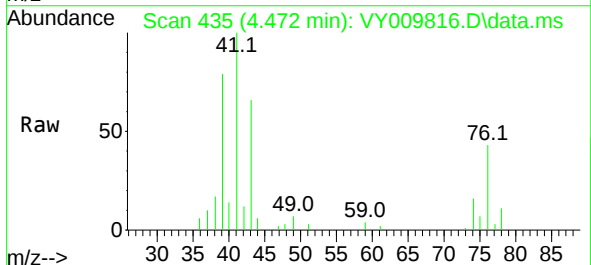
Acq: 03 Aug 2022 13:11

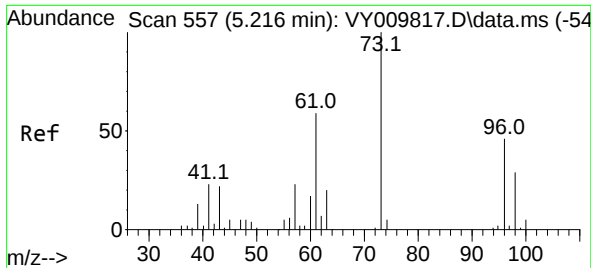
Tgt Ion: 43 Resp: 8087

Ion Ratio Lower Upper

43 100

74 24.7 18.6 27.8

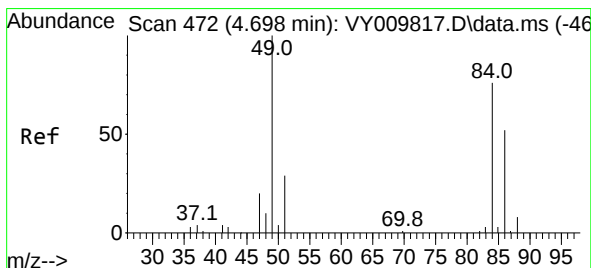
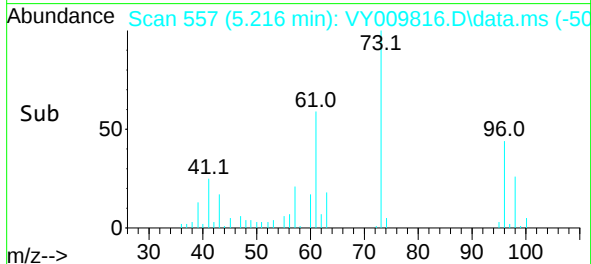
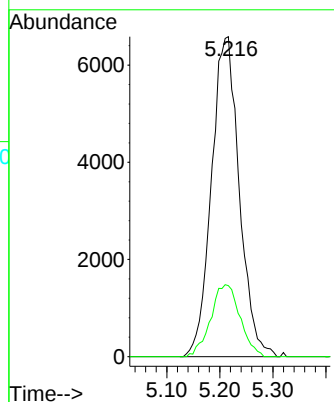
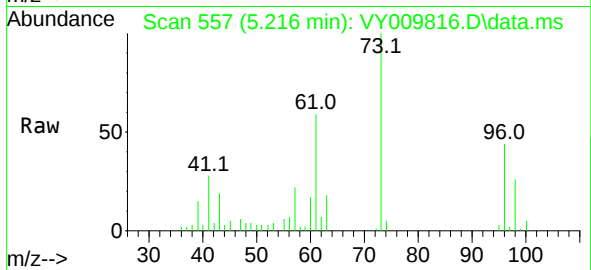




#19
Methyl tert-butyl Ether
Concen: 20.248 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

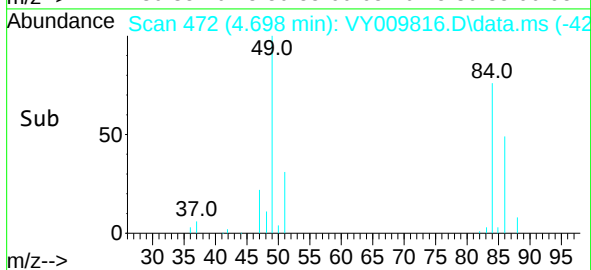
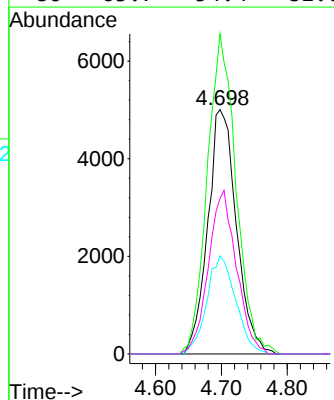
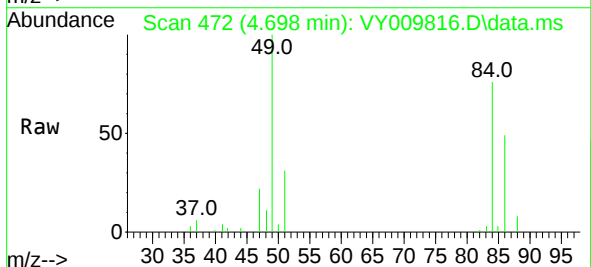
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

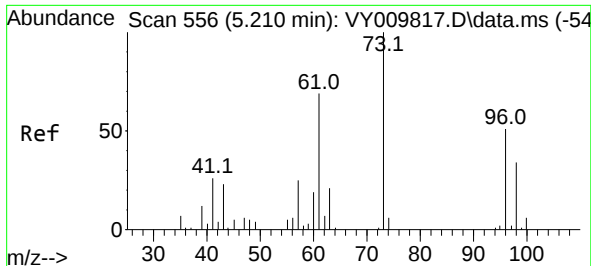
Tgt Ion: 73 Resp: 23996
Ion Ratio Lower Upper
73 100
57 22.2 18.3 27.5



#20
Methylene Chloride
Concen: 18.830 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 84 Resp: 15169
Ion Ratio Lower Upper
84 100
49 131.0 104.6 156.8
51 40.1 30.9 46.3
86 63.7 54.4 81.6





#21

trans-1,2-Dichloroethene

Concen: 19.864 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

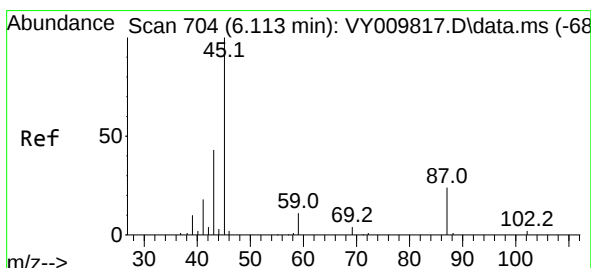
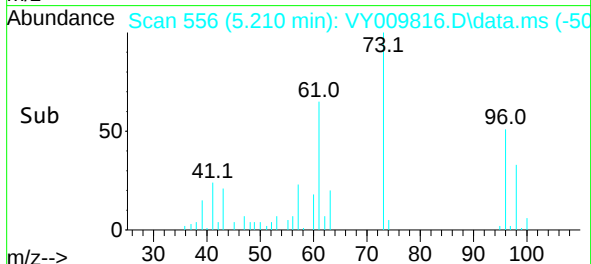
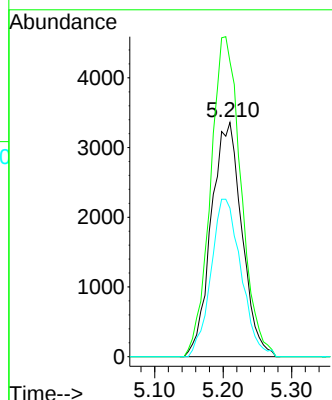
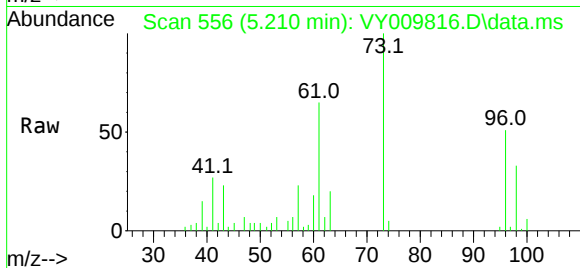
Tgt Ion: 96 Resp: 10433

Ion Ratio Lower Upper

96 100

61 125.9 107.8 161.8

98 63.4 53.1 79.7



#22

Diisopropyl ether

Concen: 19.592 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Tgt Ion: 45 Resp: 33628

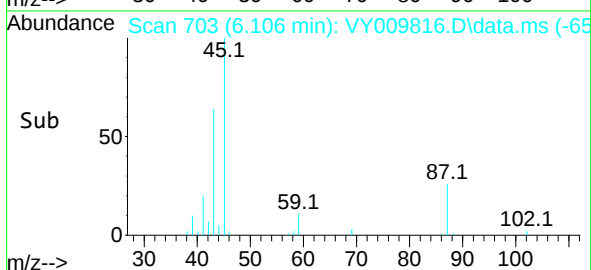
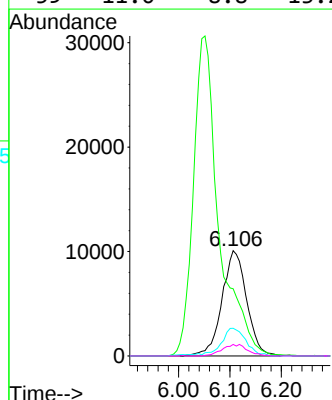
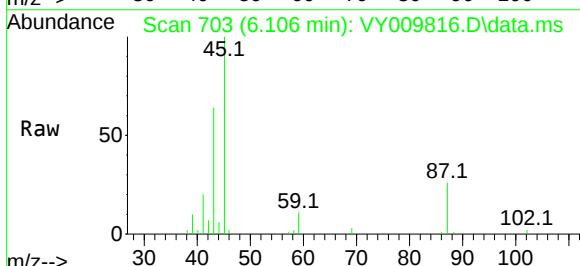
Ion Ratio Lower Upper

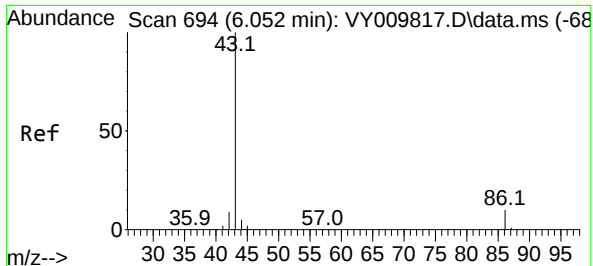
45 100

43 62.5 44.1 66.1

87 26.3 19.8 29.8

59 11.0 8.8 13.2

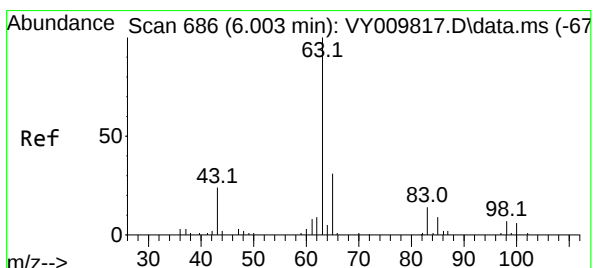
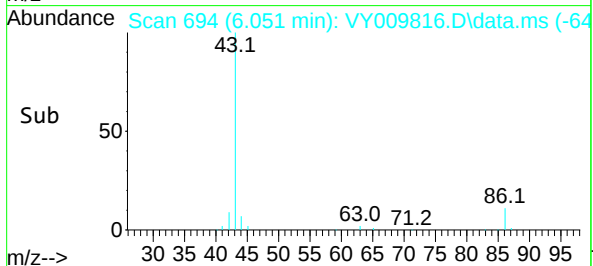
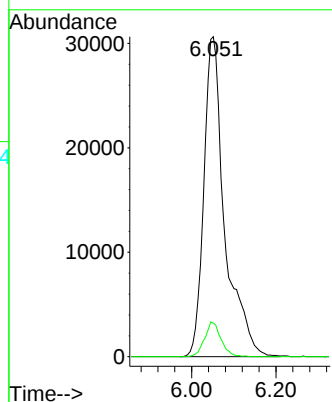
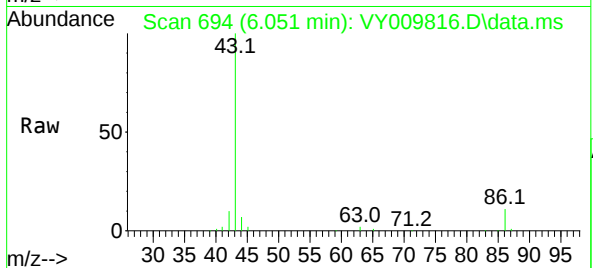




#23
 Vinyl Acetate
 Concen: 96.333 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

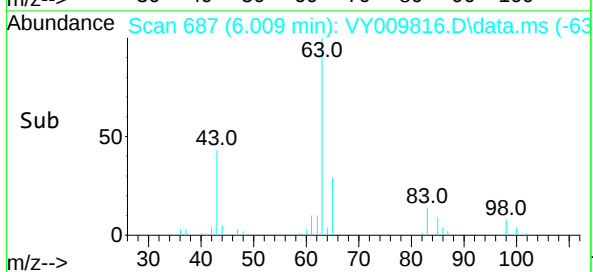
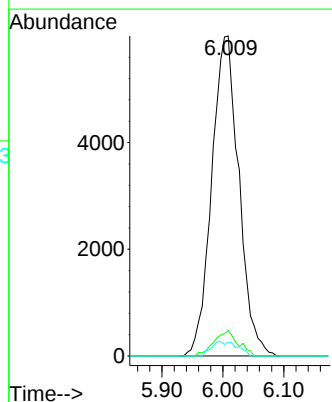
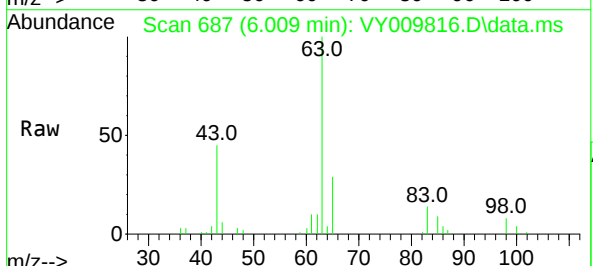
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

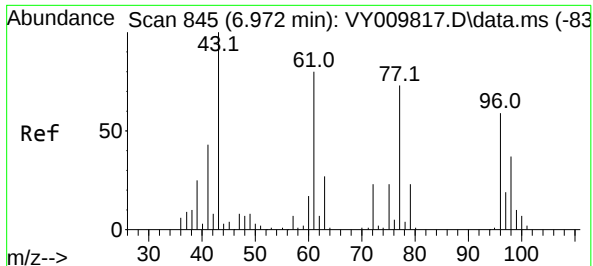
Tgt Ion: 43 Resp: 105529
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.984 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

Tgt Ion: 63 Resp: 18565
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.5
 100 4.3 2.9 8.6





#25

2-Butanone

Concen: 100.753 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

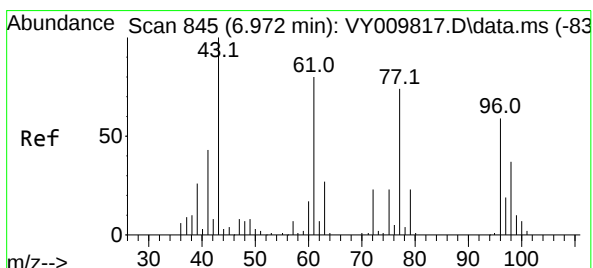
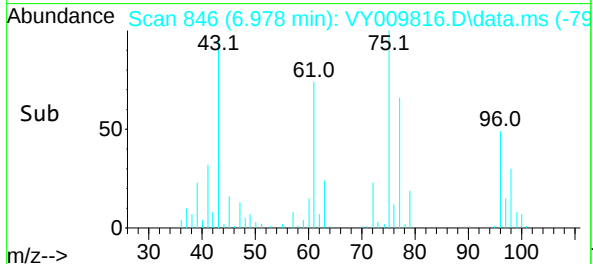
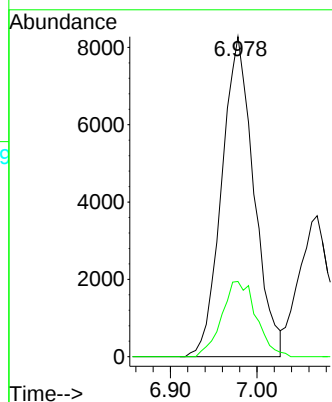
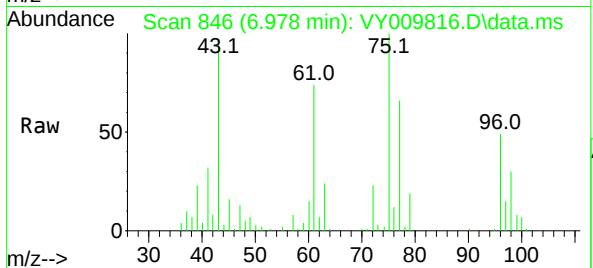
VSTDICC020

Tgt Ion: 43 Resp: 21342

Ion Ratio Lower Upper

43 100

72 23.5 18.2 27.4



#26

2,2-Dichloropropane

Concen: 20.501 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009816.D

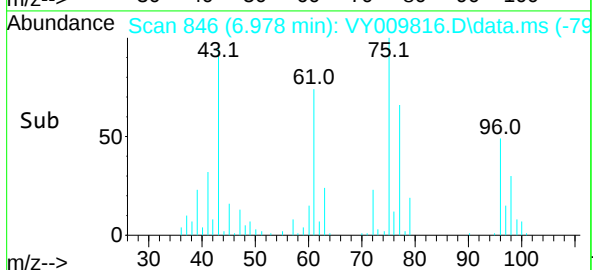
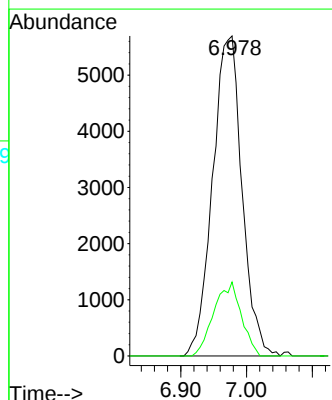
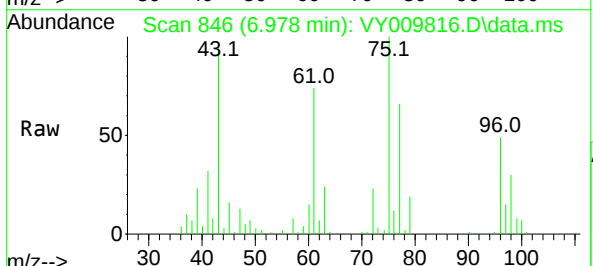
Acq: 03 Aug 2022 13:11

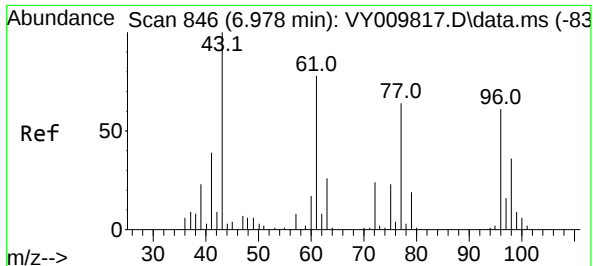
Tgt Ion: 77 Resp: 17704

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.243 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

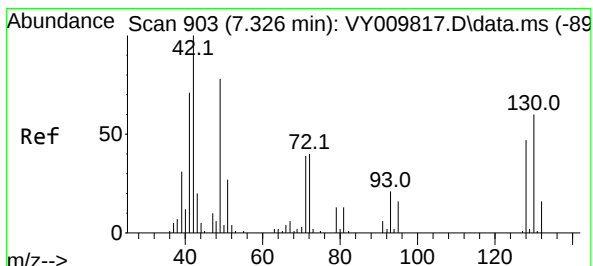
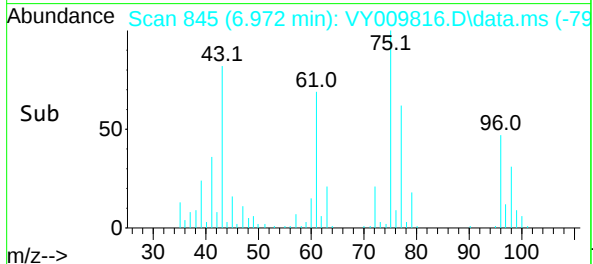
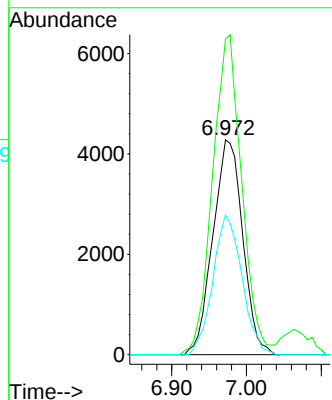
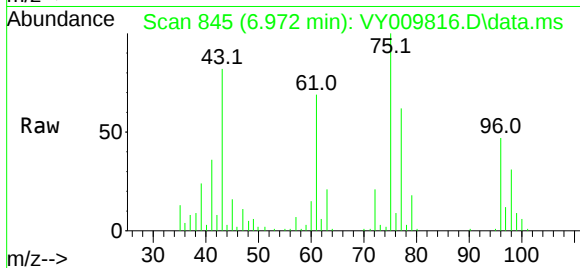
Tgt Ion: 96 Resp: 11874

Ion Ratio Lower Upper

96 100

61 145.8 0.0 279.8

98 63.4 0.0 126.8



#28

Bromochloromethane

Concen: 19.407 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

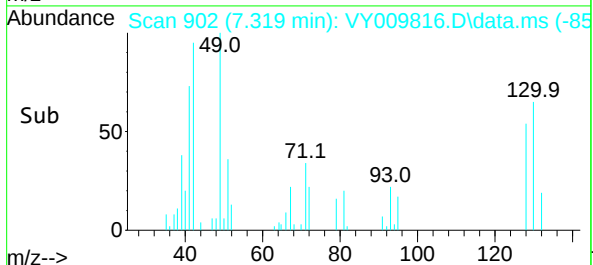
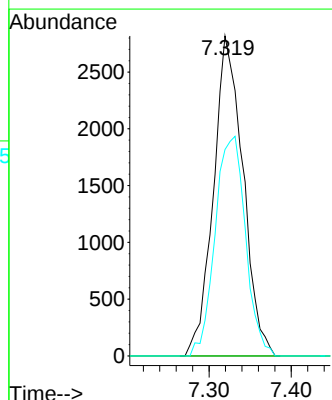
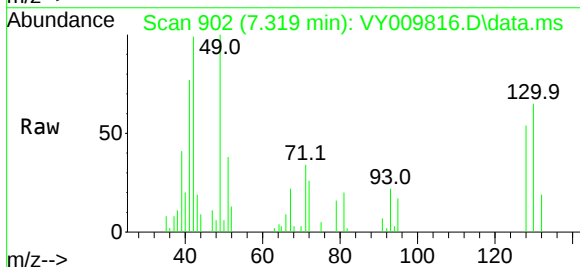
Tgt Ion: 49 Resp: 7029

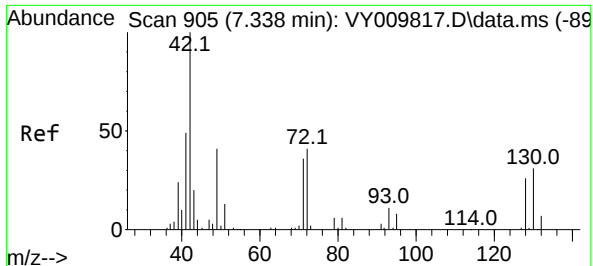
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 70.6 58.0 87.0





#29

Tetrahydrofuran

Concen: 102.639 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

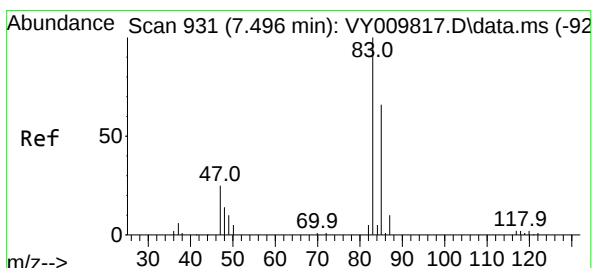
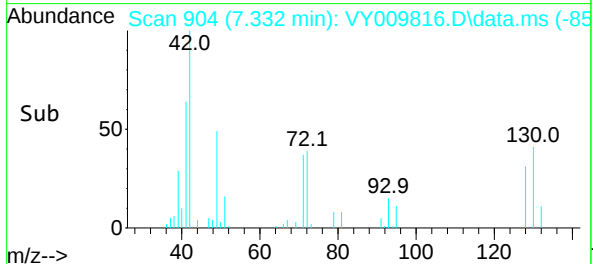
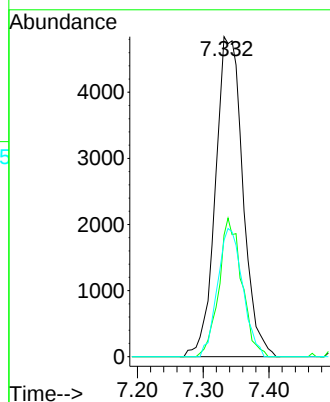
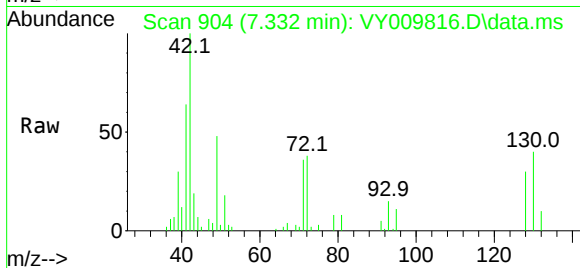
Tgt Ion: 42 Resp: 14003

Ion Ratio Lower Upper

42 100

72 36.3 32.4 48.6

71 36.8 29.9 44.9



#30

Chloroform

Concen: 20.011 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009816.D

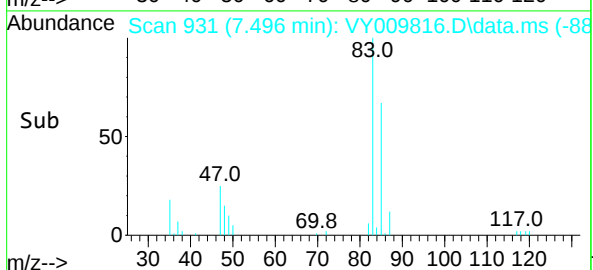
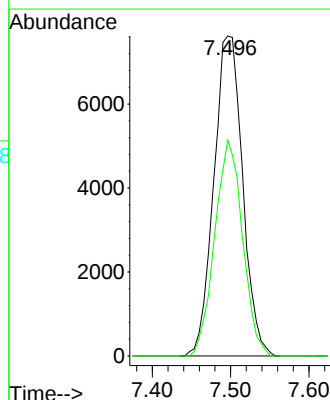
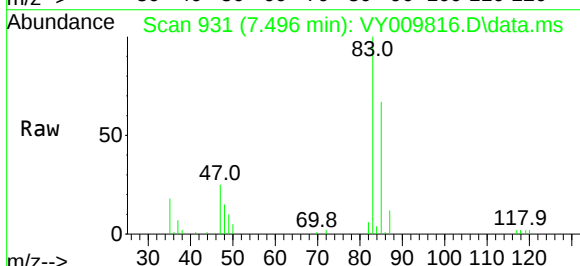
Acq: 03 Aug 2022 13:11

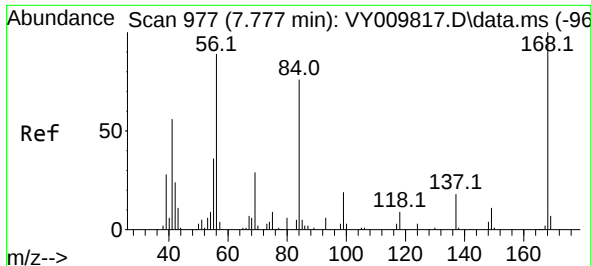
Tgt Ion: 83 Resp: 19453

Ion Ratio Lower Upper

83 100

85 67.4 53.0 79.4

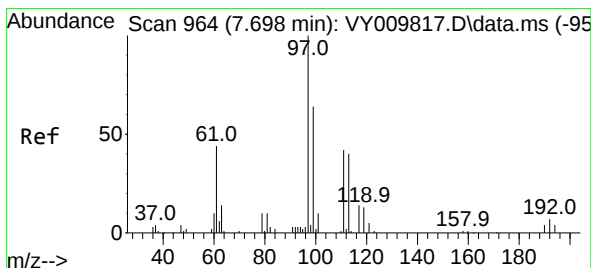
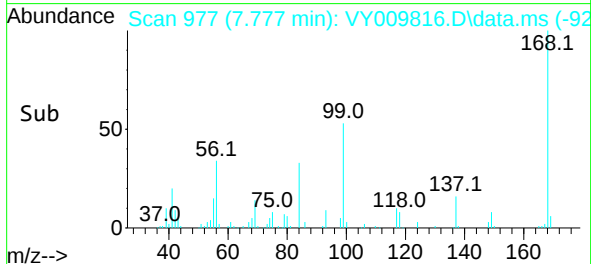
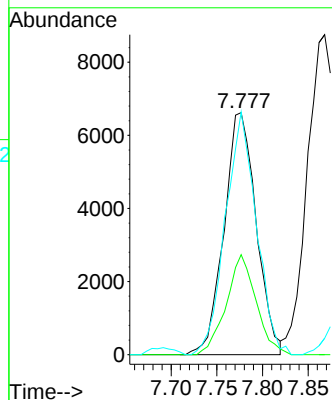
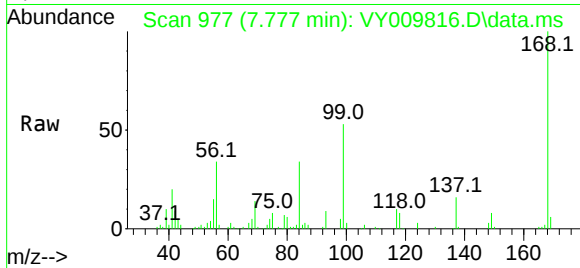




#31
Cyclohexane
Concen: 18.763 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

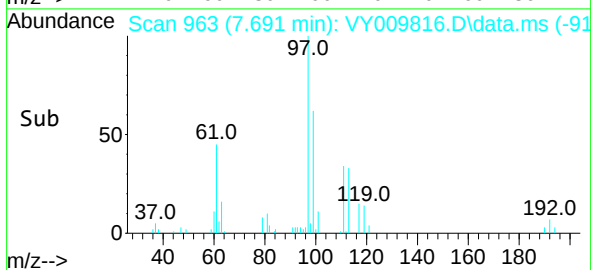
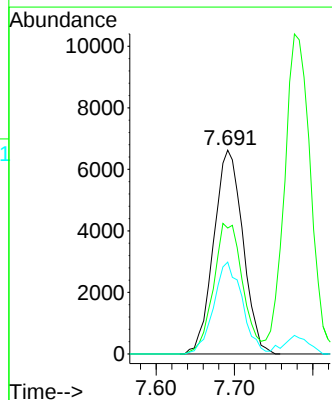
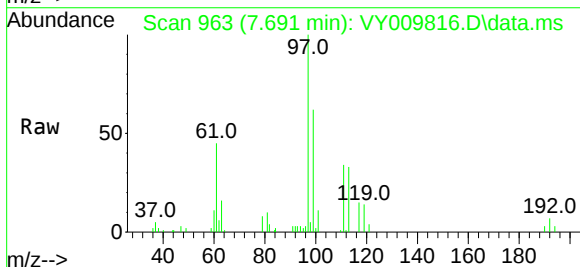
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

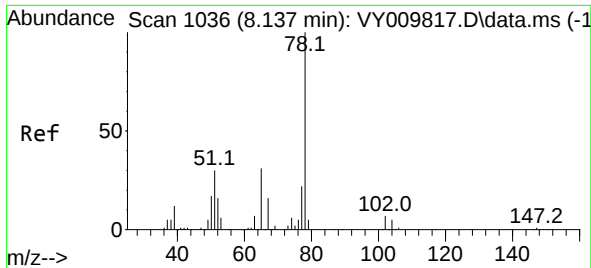
Tgt Ion: 56 Resp: 16242
Ion Ratio Lower Upper
56 100
69 41.3 25.8 38.8#
84 99.1 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 20.382 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 97 Resp: 17170
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 43.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 24.192 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

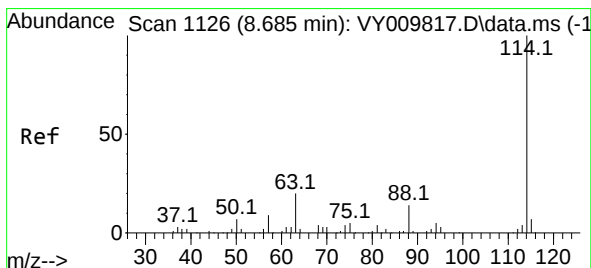
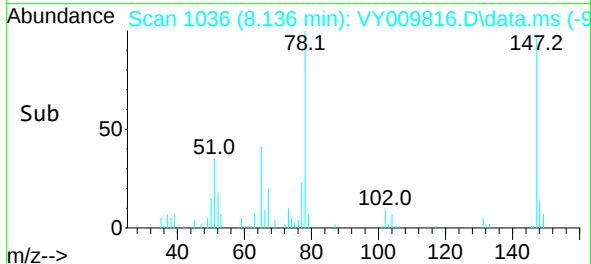
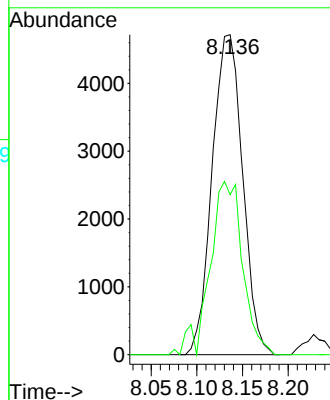
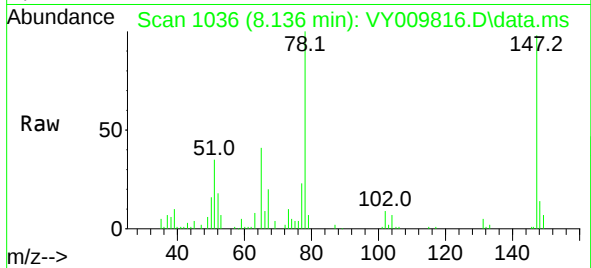
VSTDIC020

Tgt Ion: 65 Resp: 10934

Ion Ratio Lower Upper

65 100

67 58.1 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

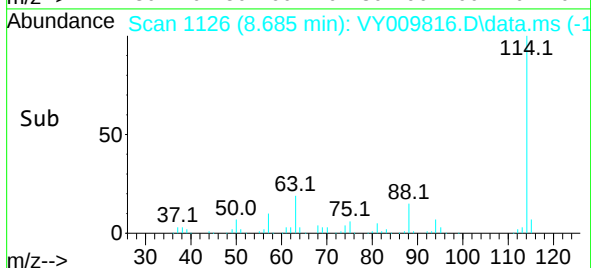
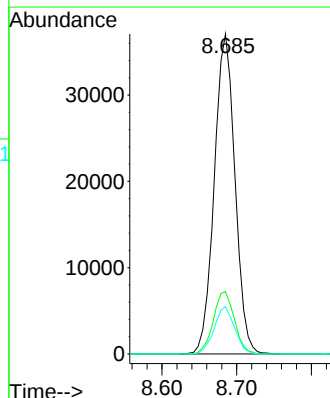
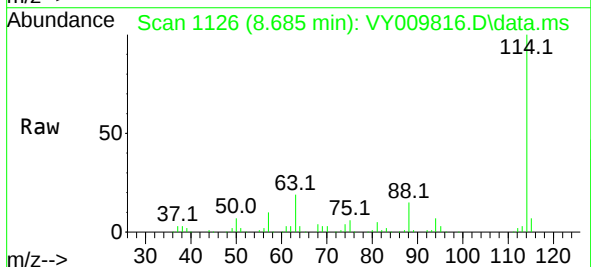
Tgt Ion: 114 Resp: 71219

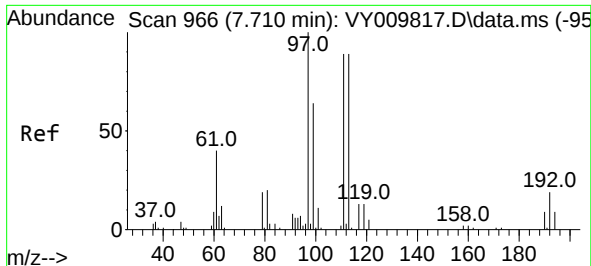
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 14.8 0.0 27.6

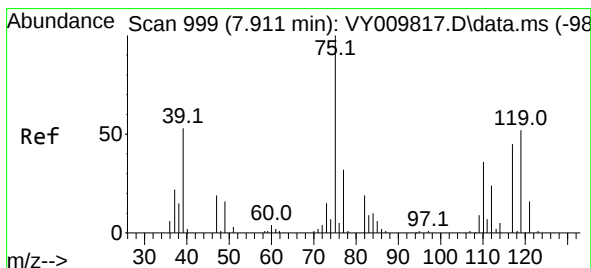
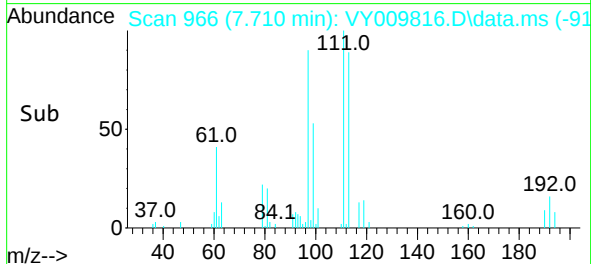
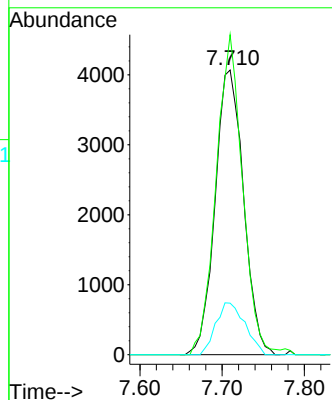
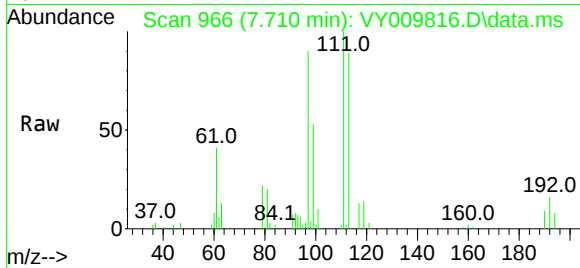




#35
Dibromofluoromethane
Concen: 22.516 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

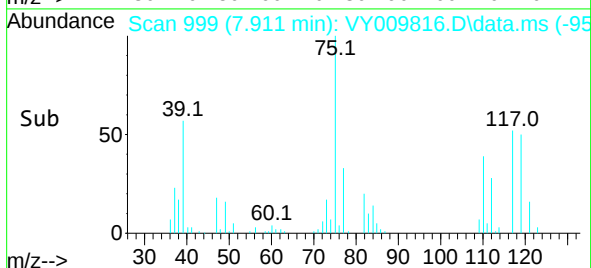
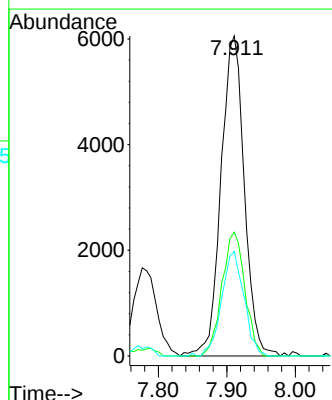
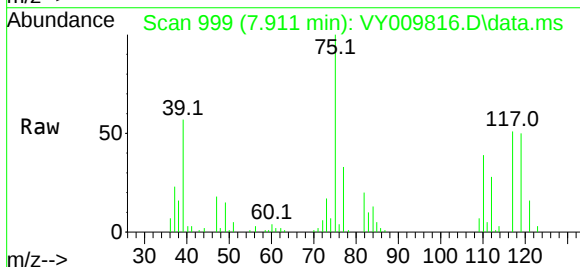
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

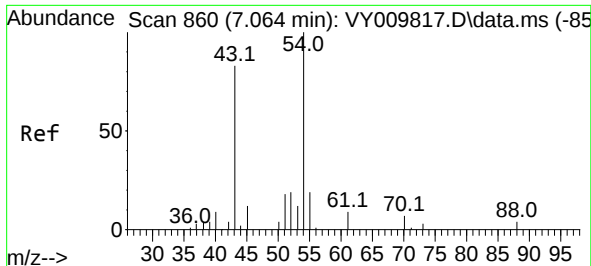
Tgt Ion:113 Resp: 9777
Ion Ratio Lower Upper
113 100
111 104.7 82.4 123.6
192 18.7 16.5 24.7



#36
1,1-Dichloropropene
Concen: 19.854 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 75 Resp: 14303
Ion Ratio Lower Upper
75 100
110 38.0 17.8 53.4
77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 20.502 ug/l

RT: 7.069 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

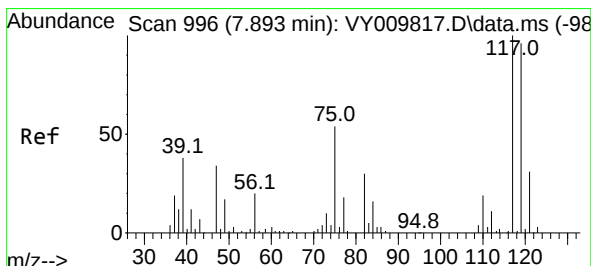
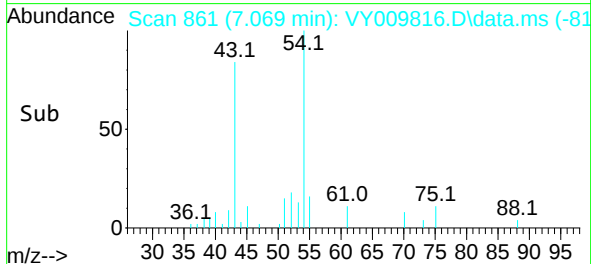
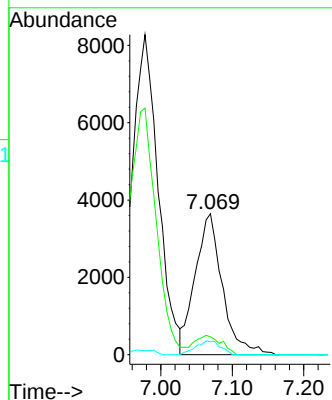
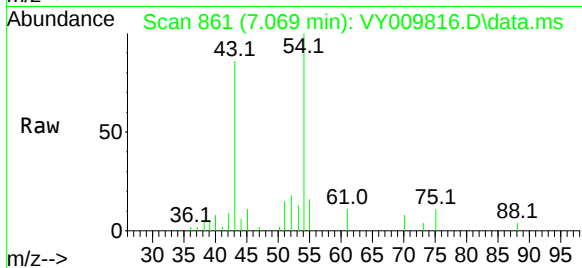
Tgt Ion: 43 Resp: 9620

Ion Ratio Lower Upper

43 100

61 12.9 11.0 16.6

70 8.8 7.0 10.6



#38

Carbon Tetrachloride

Concen: 20.771 ug/l

RT: 7.886 min Scan# 995

Delta R.T. -0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

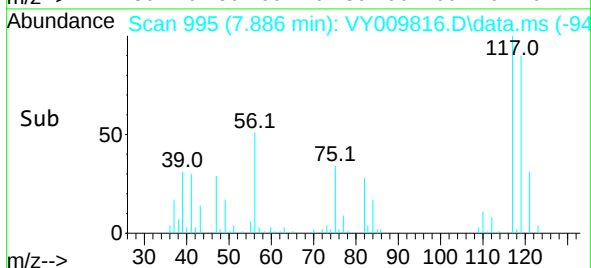
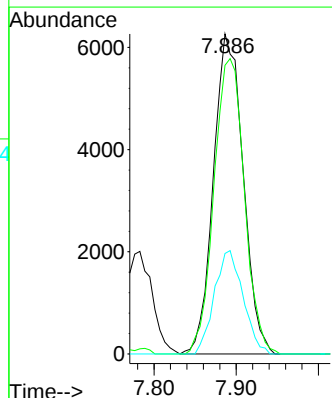
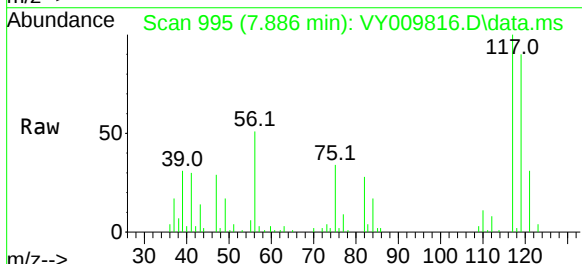
Tgt Ion: 117 Resp: 15737

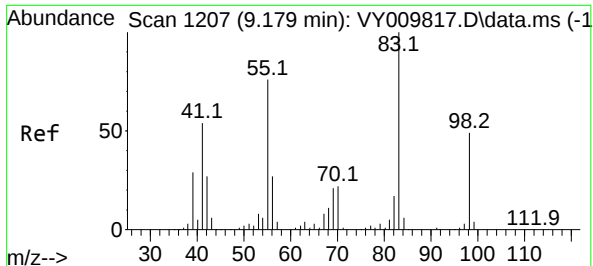
Ion Ratio Lower Upper

117 100

119 90.2 76.8 115.2

121 31.4 24.9 37.3





#39

Methylcyclohexane

Concen: 19.005 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

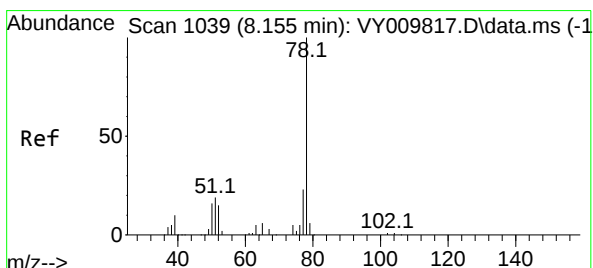
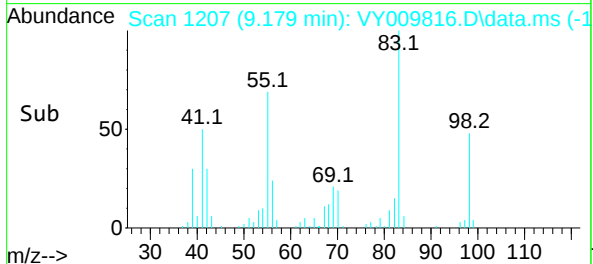
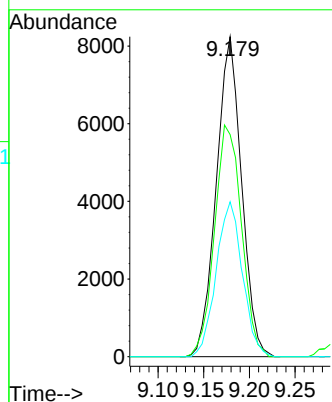
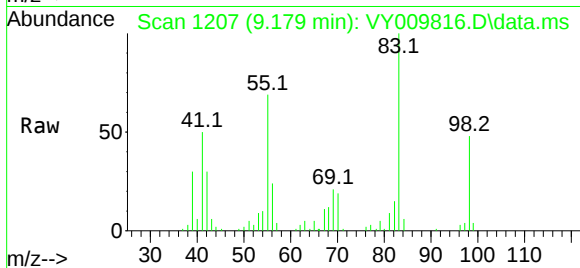
Tgt Ion: 83 Resp: 15884

Ion Ratio Lower Upper

83 100

55 69.4 61.1 91.7

98 48.4 39.0 58.4



#40

Benzene

Concen: 20.437 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009816.D

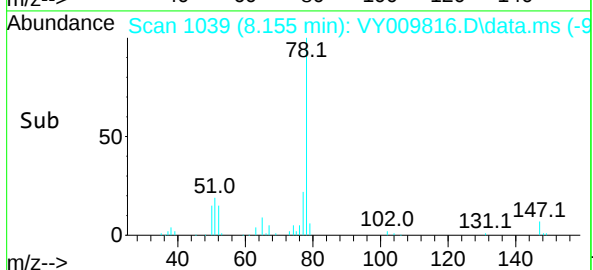
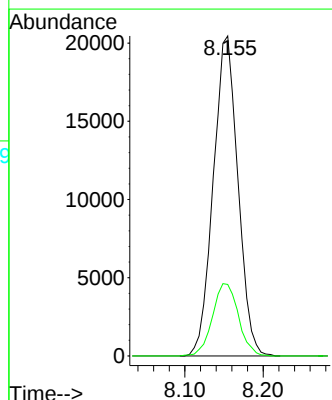
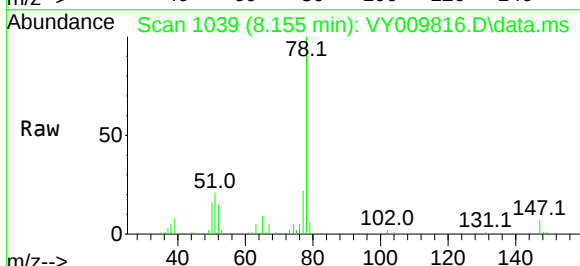
Acq: 03 Aug 2022 13:11

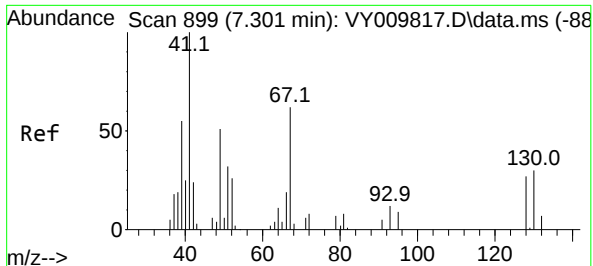
Tgt Ion: 78 Resp: 44662

Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2

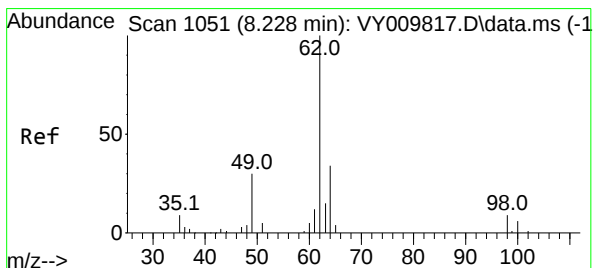
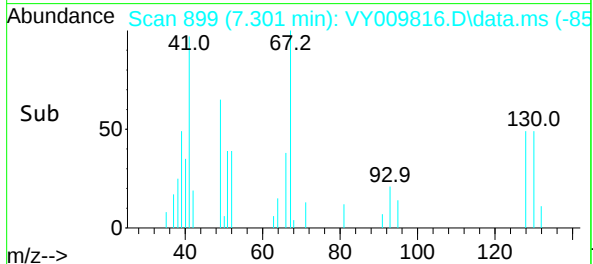
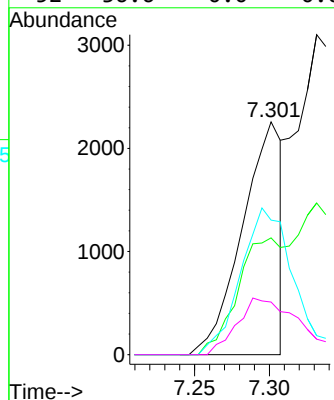
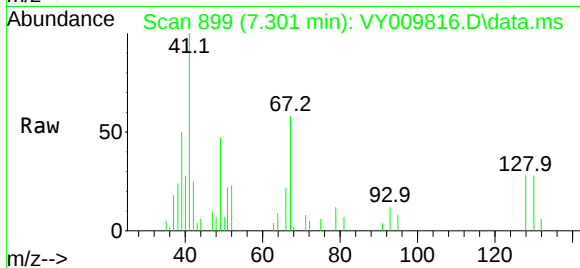




#41
Methacrylonitrile
Concen: 8.811 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

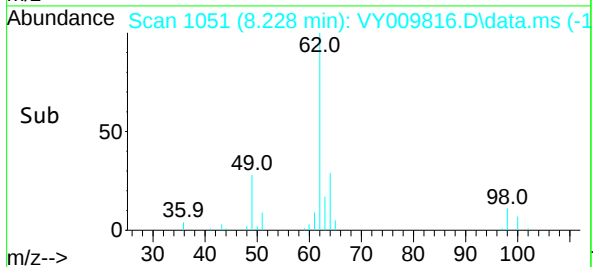
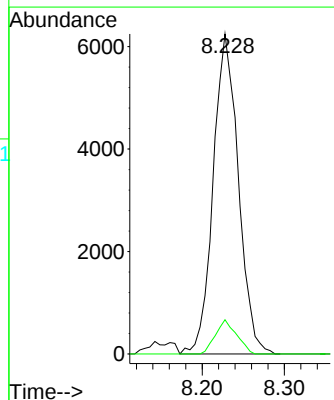
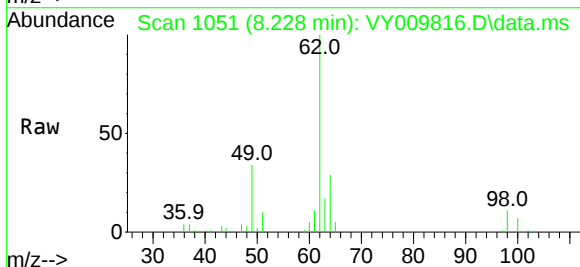
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

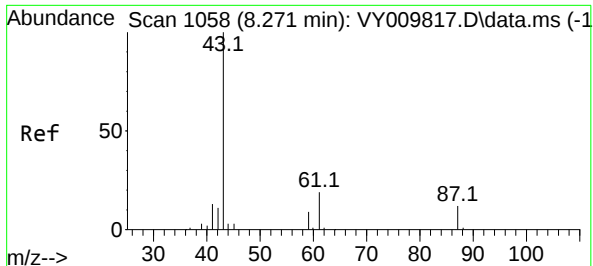
Tgt Ion:	41	Resp:	4154
Ion	Ratio	Lower	Upper
41	100		
39	55.1	61.5	92.3#
67	83.7	0.0	0.0#
52	36.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.174 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:	62	Resp:	13286
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.0

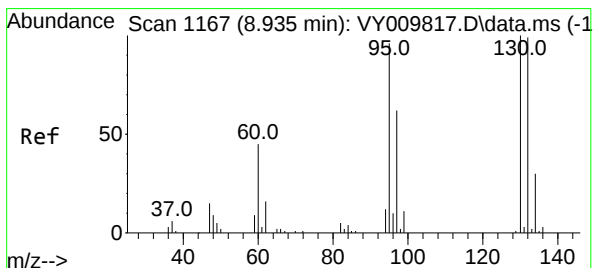
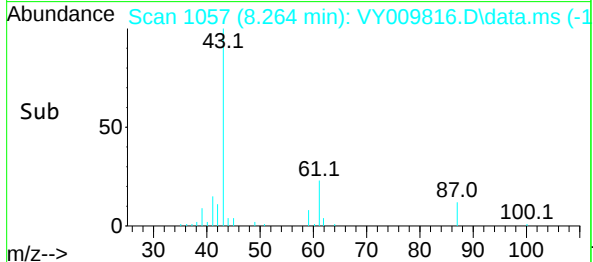
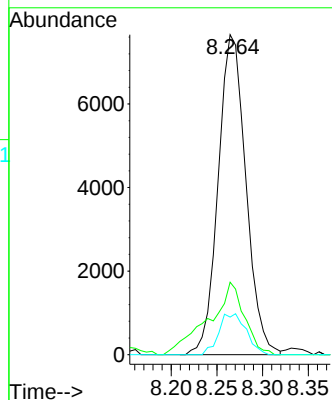
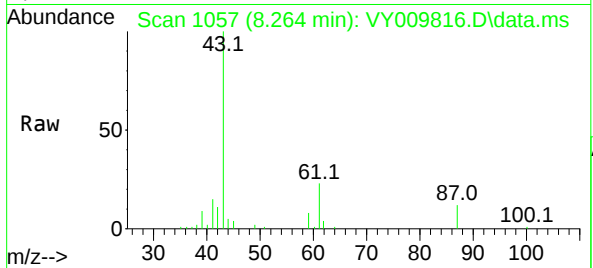




#43
Isopropyl Acetate
Concen: 19.798 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

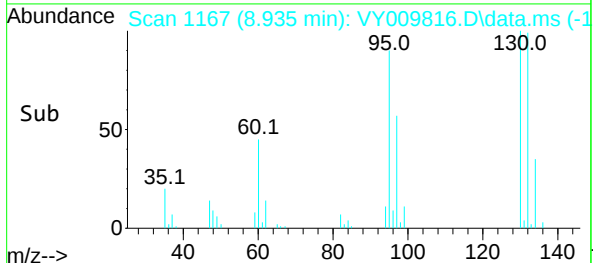
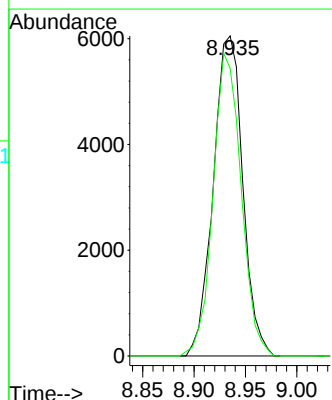
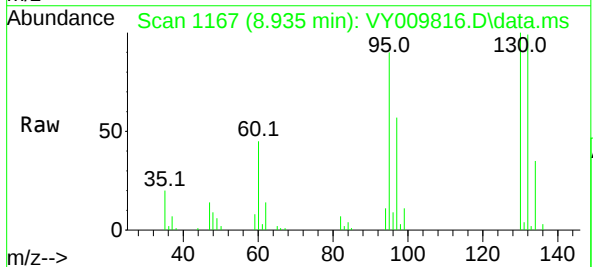
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

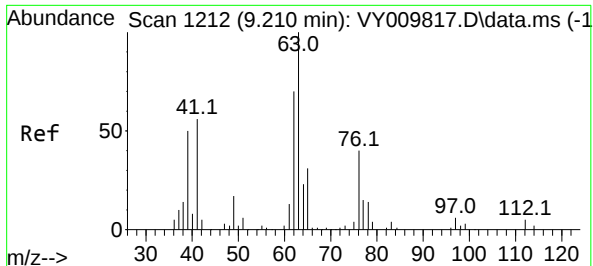
Tgt Ion: 43 Resp: 16186
Ion Ratio Lower Upper
43 100
61 29.2 21.4 32.0
87 12.6 9.2 13.8



#44
Trichloroethene
Concen: 20.701 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 130 Resp: 12056
Ion Ratio Lower Upper
130 100
95 89.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.934 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

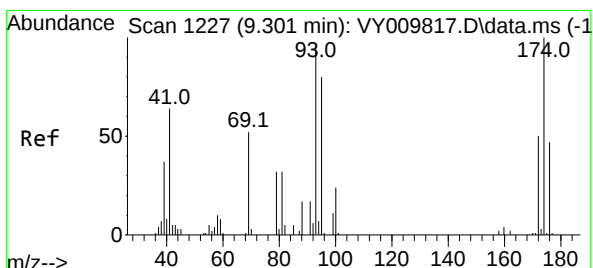
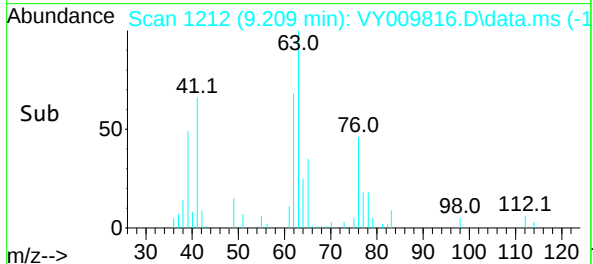
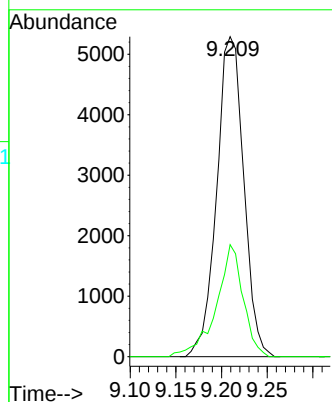
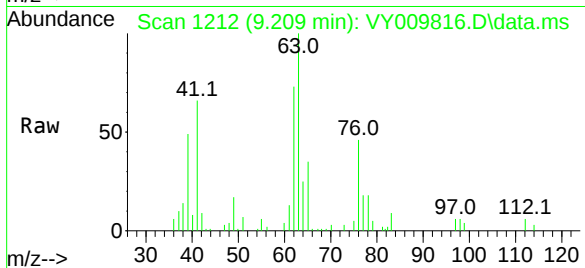
VSTDICC020

Tgt Ion: 63 Resp: 10886

Ion Ratio Lower Upper

63 100

65 35.0 25.1 37.7



#46

Dibromomethane

Concen: 19.965 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

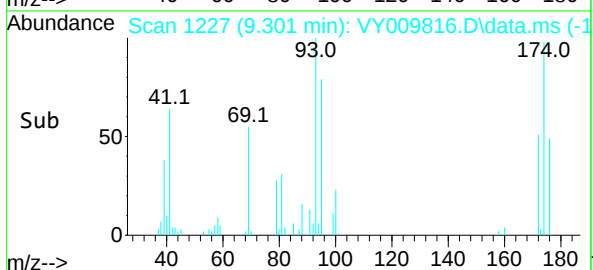
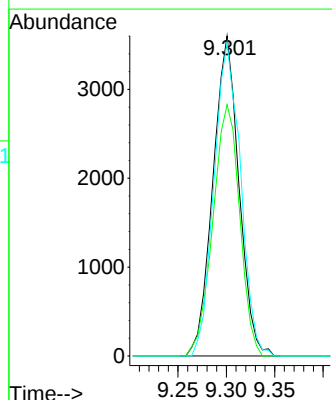
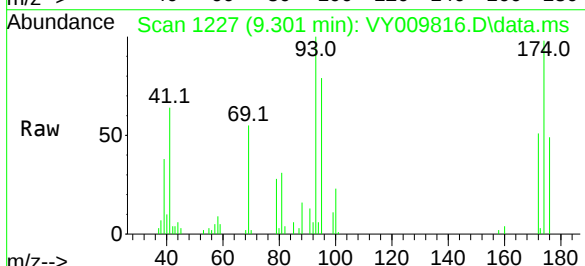
Tgt Ion: 93 Resp: 6721

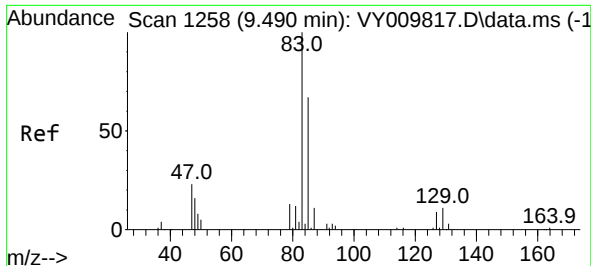
Ion Ratio Lower Upper

93 100

95 80.6 65.8 98.6

174 99.7 77.8 116.6





#47

Bromodichloromethane

Concen: 19.484 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

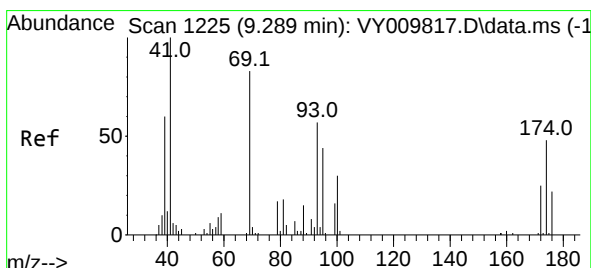
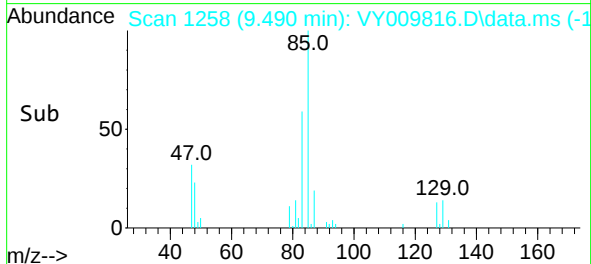
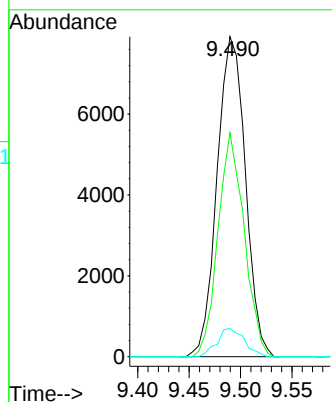
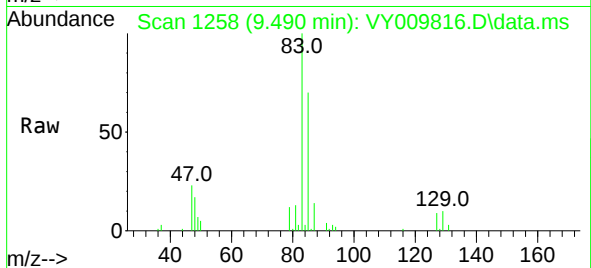
Tgt Ion: 83 Resp: 15158

Ion Ratio Lower Upper

83 100

85 70.0 54.0 81.0

127 8.9 6.8 10.2



#48

Methyl methacrylate

Concen: 19.341 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

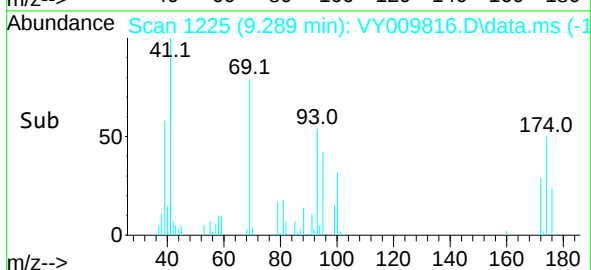
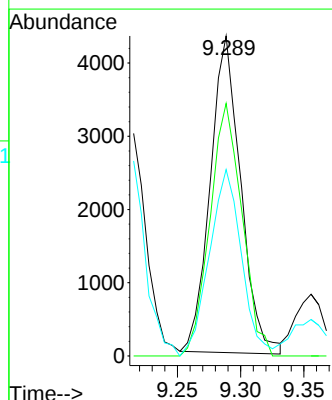
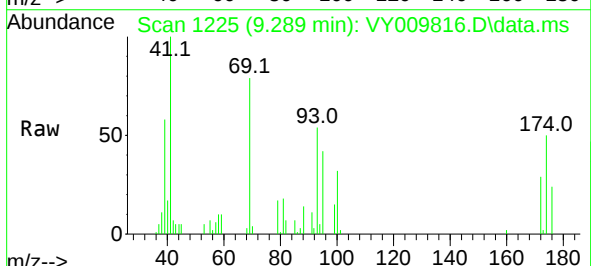
Tgt Ion: 41 Resp: 7248

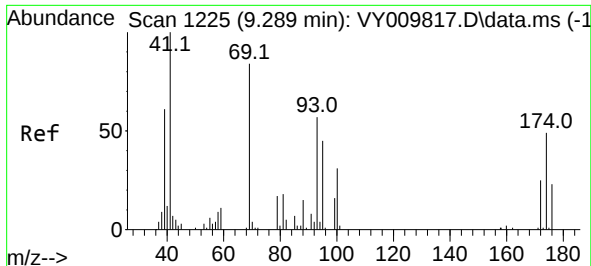
Ion Ratio Lower Upper

41 100

69 83.7 62.5 93.7

39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 404.182 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

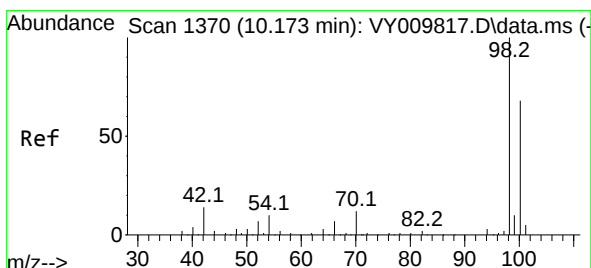
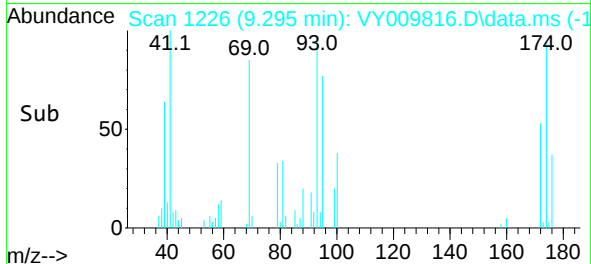
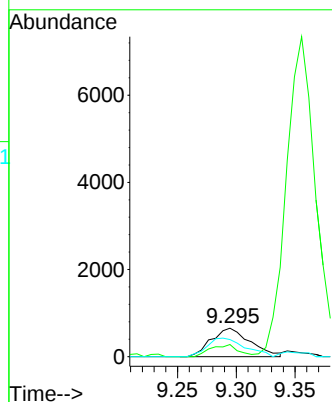
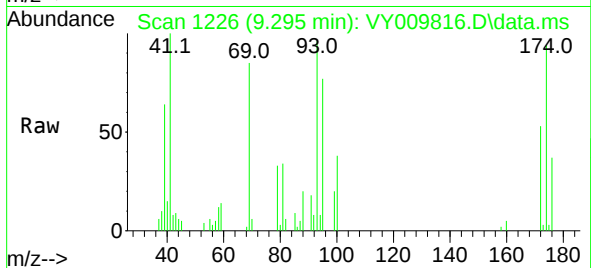
Tgt Ion: 88 Resp: 1504

Ion Ratio Lower Upper

88 100

43 30.5 26.2 39.2

58 63.6 47.5 71.3



#50

Toluene-d8

Concen: 24.457 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009816.D

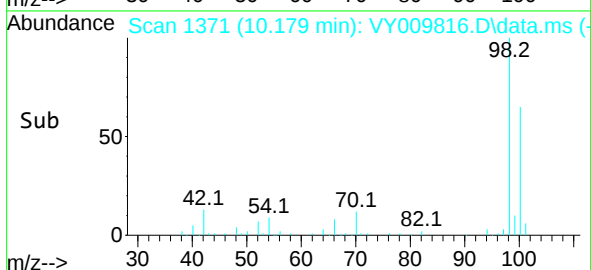
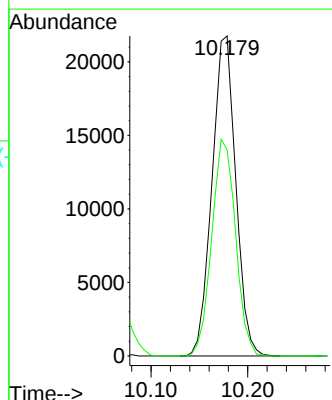
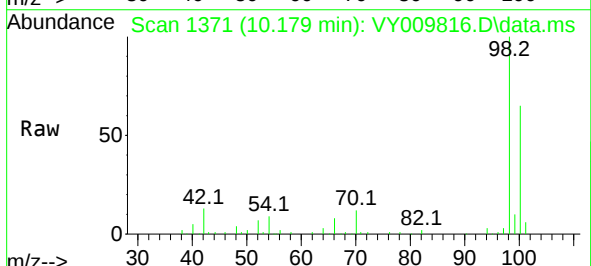
Acq: 03 Aug 2022 13:11

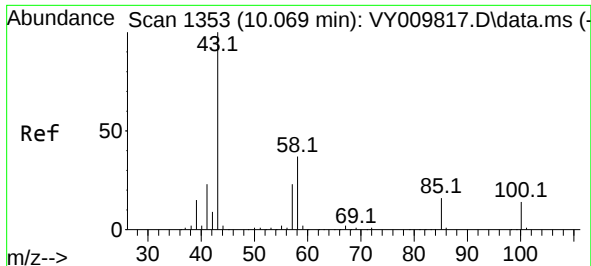
Tgt Ion: 98 Resp: 37116

Ion Ratio Lower Upper

98 100

100 67.9 53.4 80.2

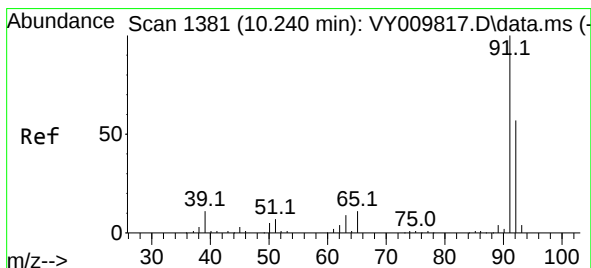
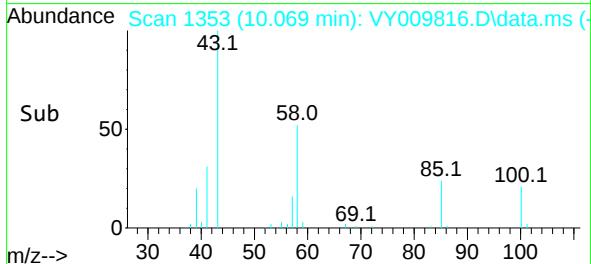
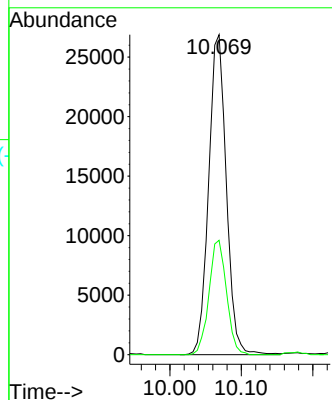
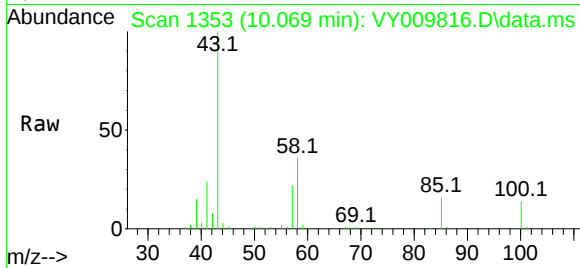




#51
4-Methyl-2-Pentanone
Concen: 100.104 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

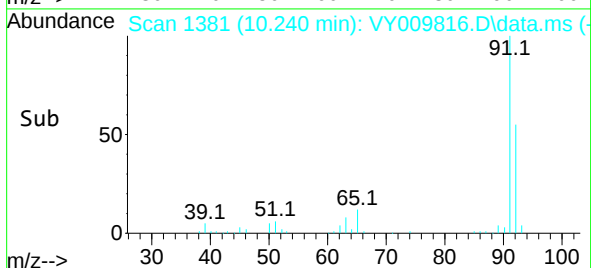
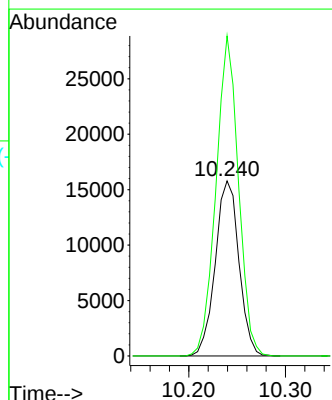
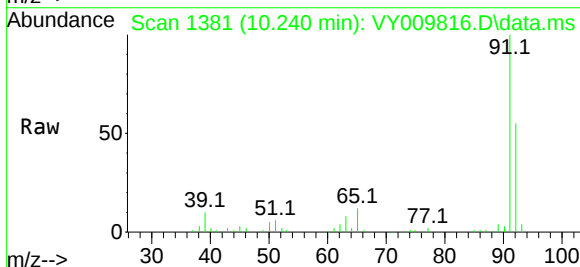
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

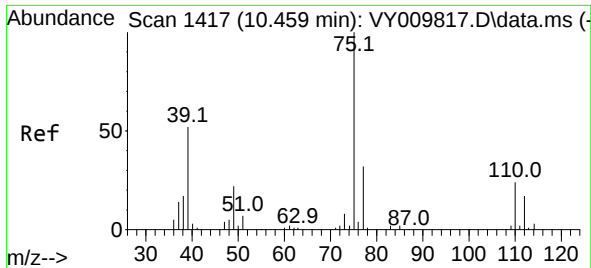
Tgt Ion: 43 Resp: 46165
Ion Ratio Lower Upper
43 100
58 35.5 28.7 43.1



#52
Toluene
Concen: 19.459 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 92 Resp: 26795
Ion Ratio Lower Upper
92 100
91 173.5 140.0 210.0

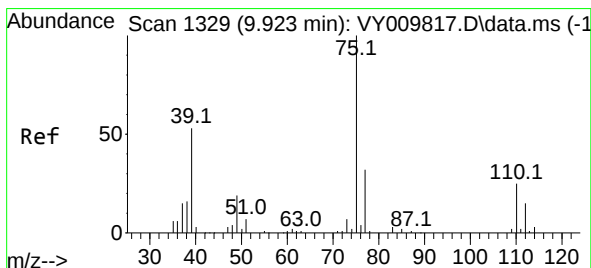
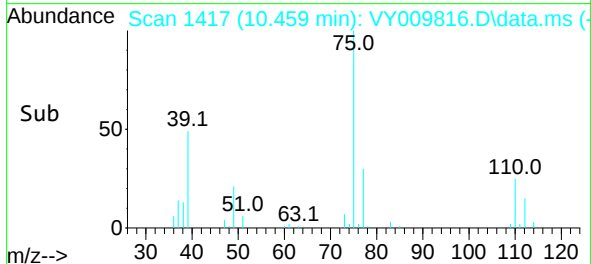
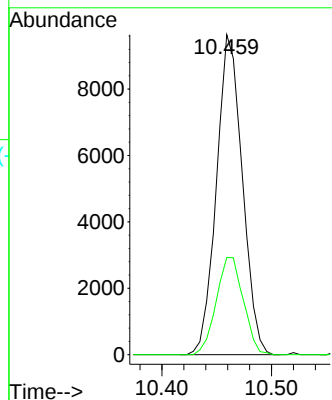
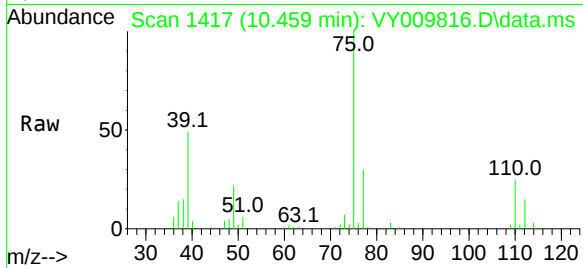




#53
 t-1,3-Dichloropropene
 Concen: 20.715 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

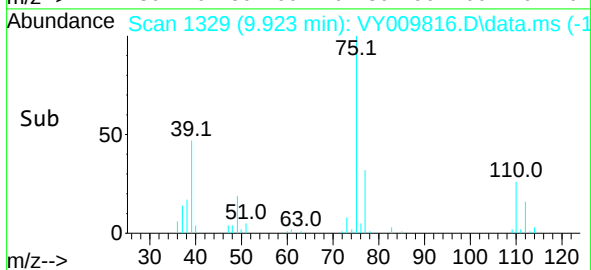
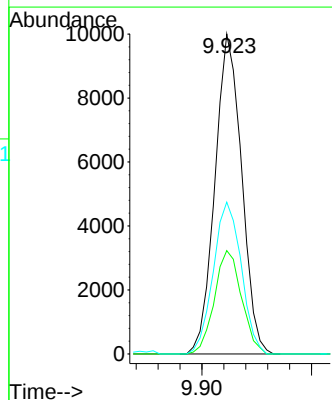
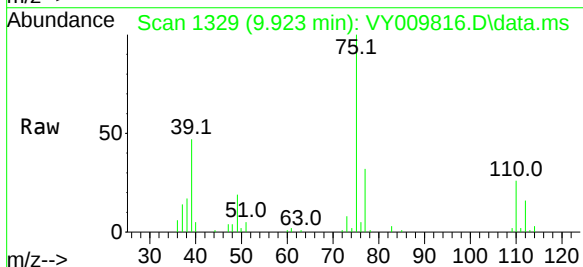
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

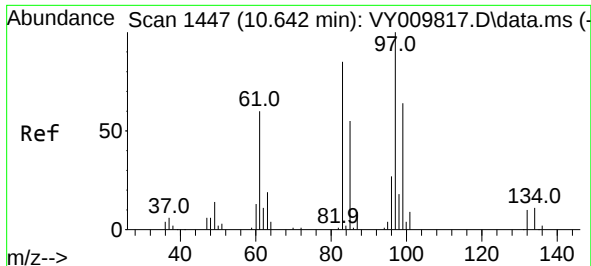
Tgt Ion: 75 Resp: 15796
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.642 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

Tgt Ion: 75 Resp: 16903
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6
 39 47.4 42.6 63.8

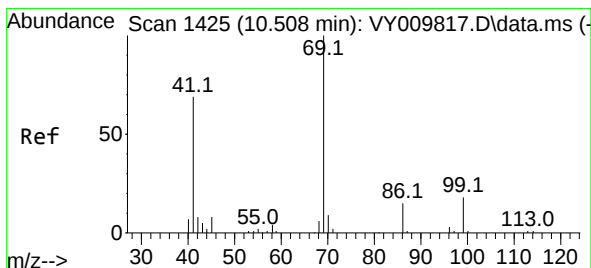
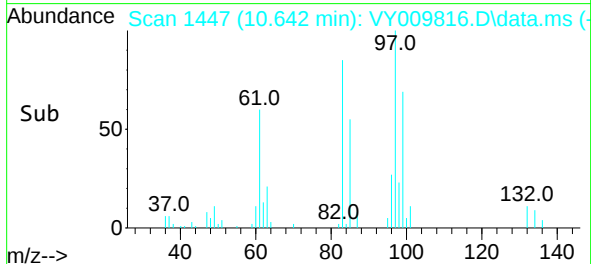
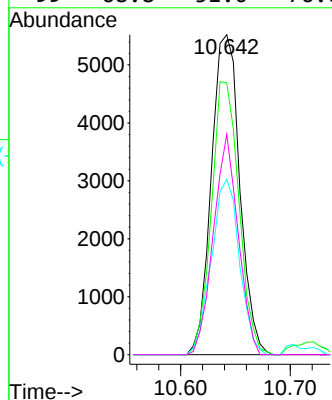
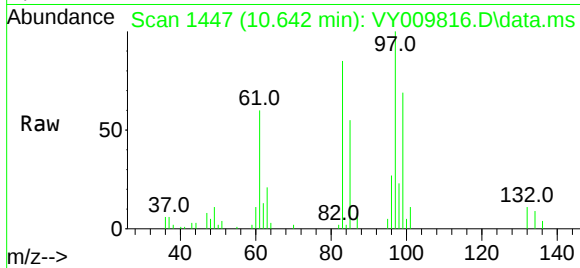




#55
1,1,2-Trichloroethane
Concen: 22.003 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

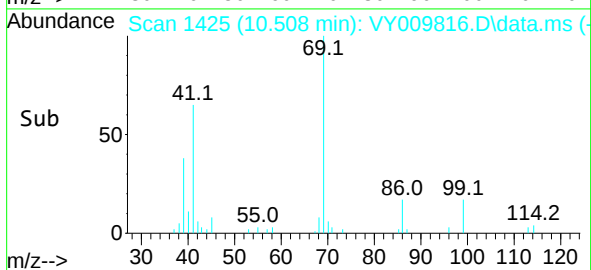
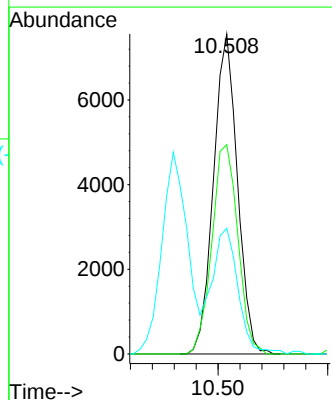
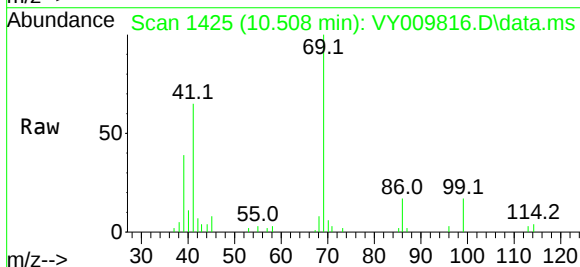
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

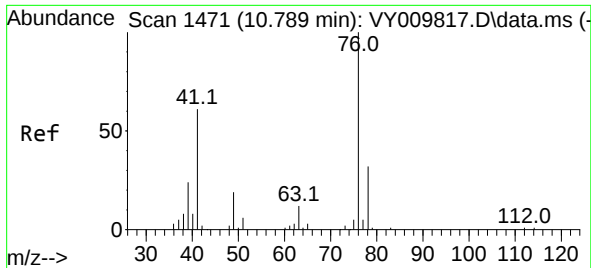
Tgt Ion:	97	Resp:	9925
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.6
85	54.8	43.7	65.5
99	68.8	51.0	76.6



#56
Ethyl methacrylate
Concen: 20.194 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:	69	Resp:	11451
Ion	Ratio	Lower	Upper
69	100		
41	71.0	58.2	87.4
39	43.1	33.8	50.8

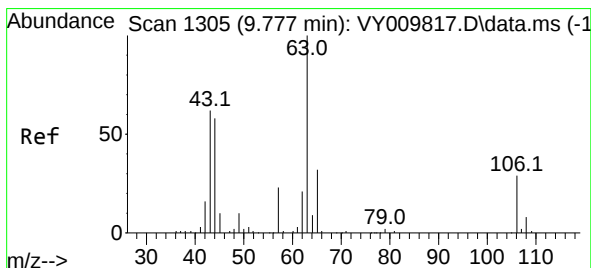
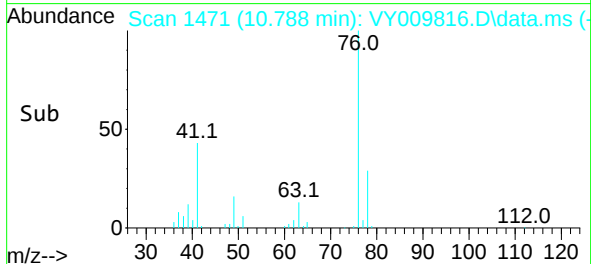
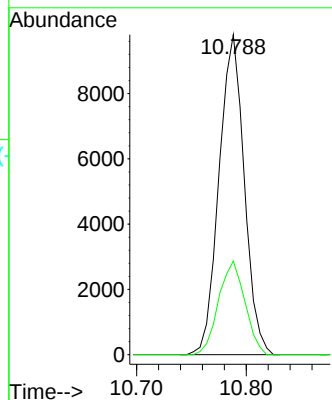
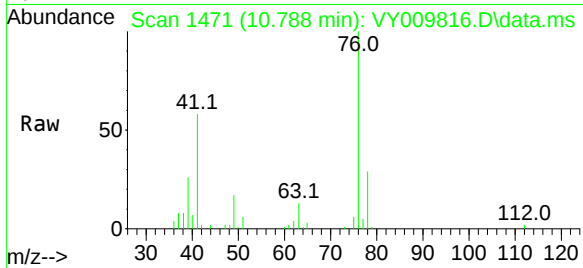




#57
1,3-Dichloropropane
Concen: 20.458 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

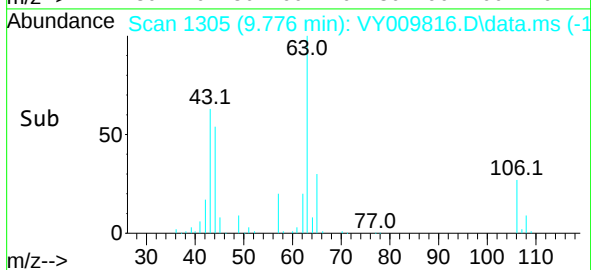
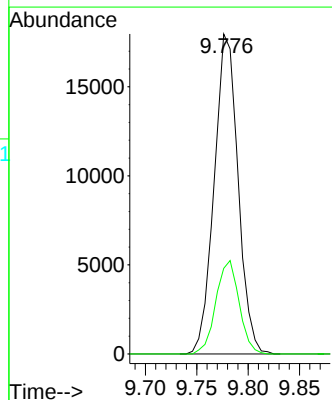
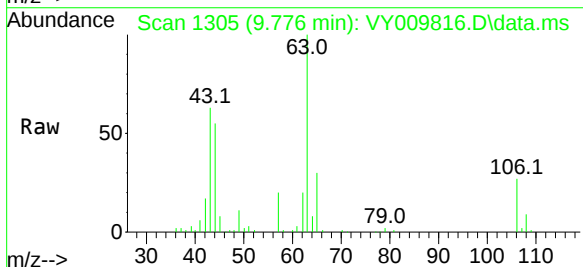
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

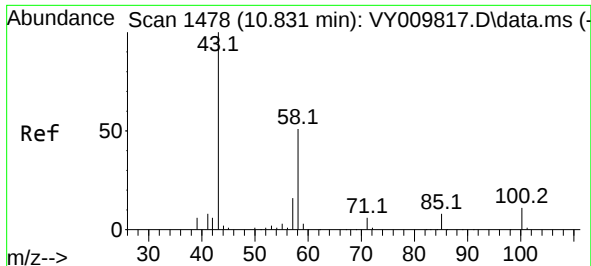
Tgt Ion: 76 Resp: 15672
Ion Ratio Lower Upper
76 100
78 30.5 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 104.937 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 63 Resp: 28970
Ion Ratio Lower Upper
63 100
106 28.4 22.8 34.2

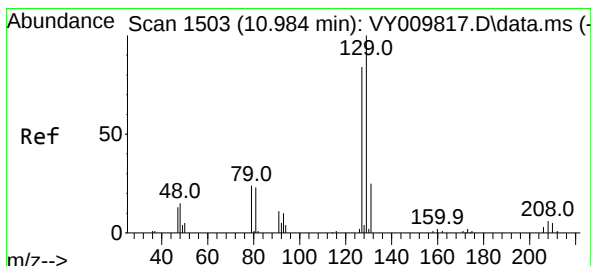
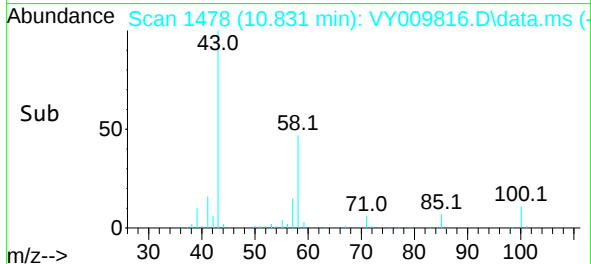
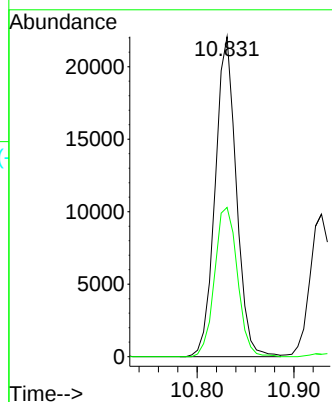
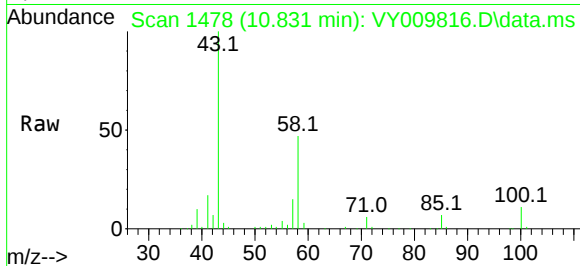




#59
2-Hexanone
Concen: 104.749 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

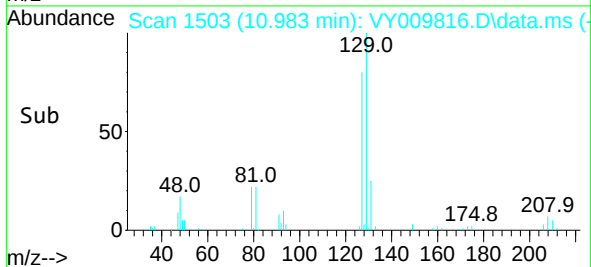
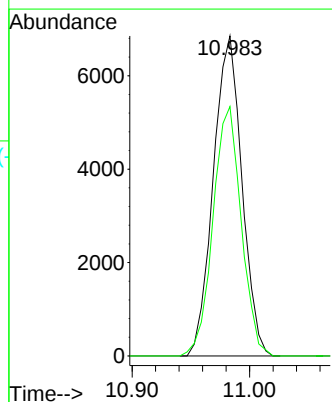
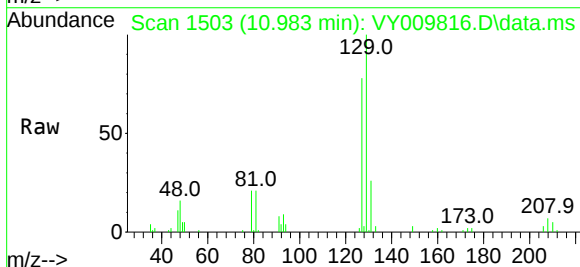
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

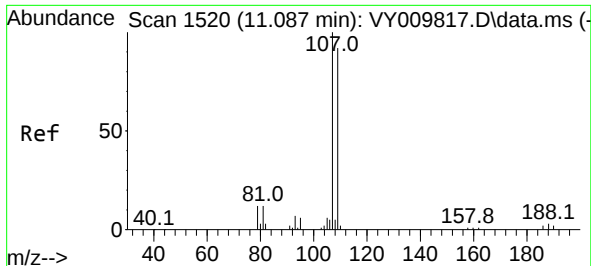
Tgt Ion: 43 Resp: 33470
Ion Ratio Lower Upper
43 100
58 50.3 25.8 77.3



#60
Dibromochloromethane
Concen: 21.477 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 129 Resp: 11585
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

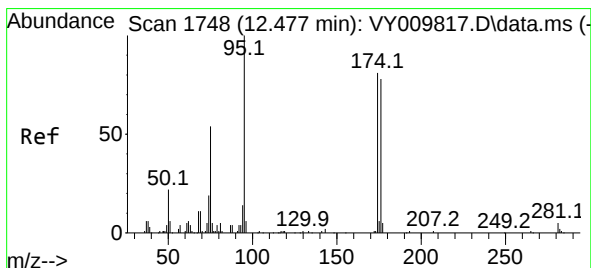
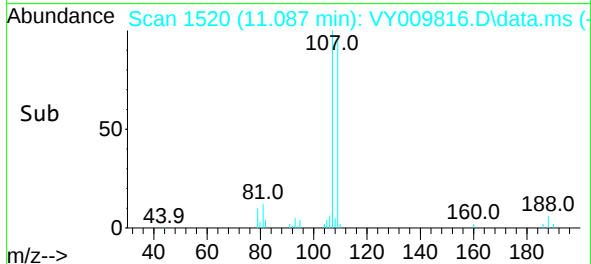
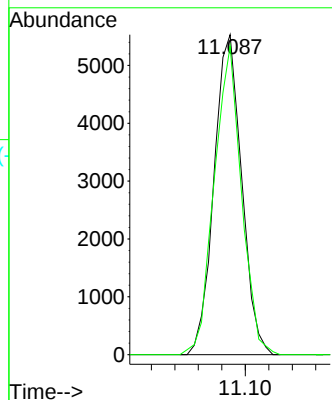
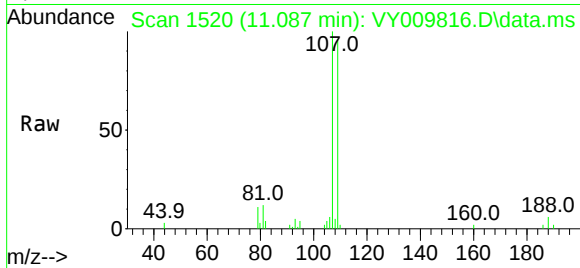




#61
1,2-Dibromoethane
Concen: 20.528 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

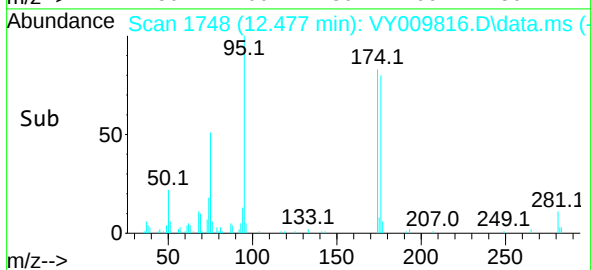
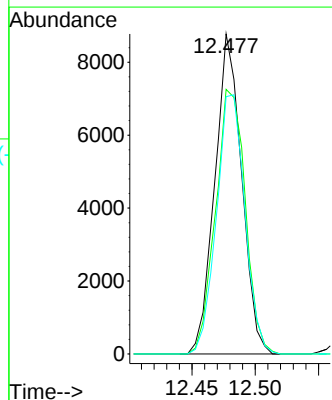
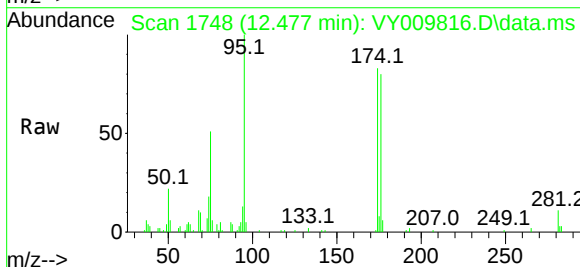
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

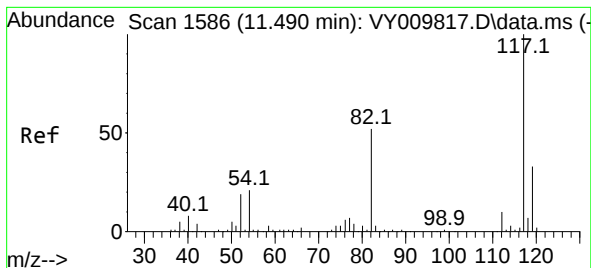
Tgt Ion:107 Resp: 9035
Ion Ratio Lower Upper
107 100
109 95.2 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 21.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 95 Resp: 12877
Ion Ratio Lower Upper
95 100
174 91.6 0.0 168.6
176 86.1 0.0 163.6

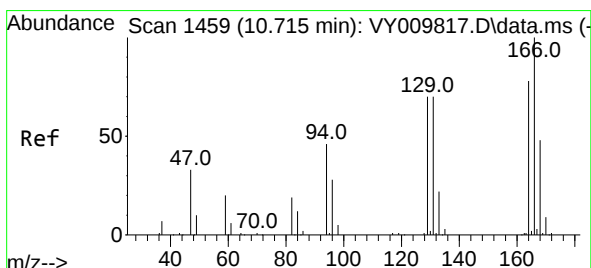
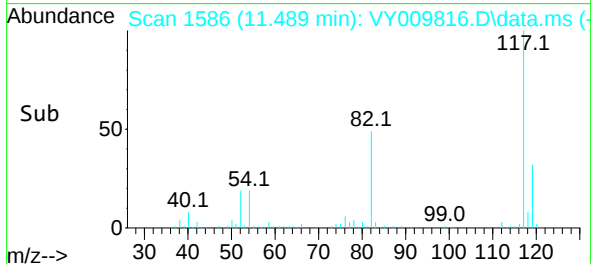
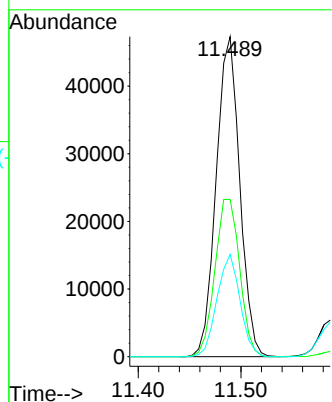
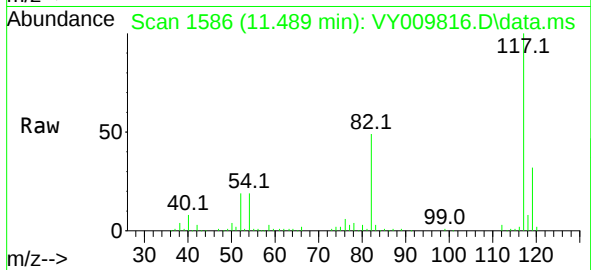




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

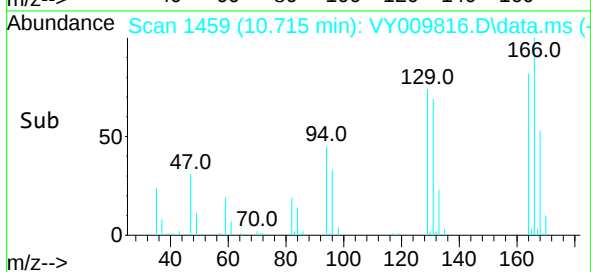
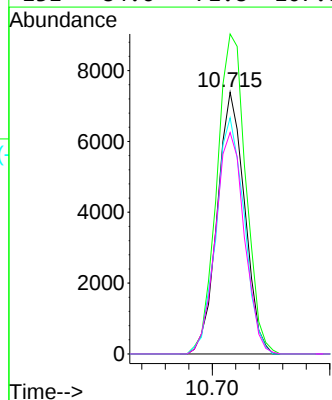
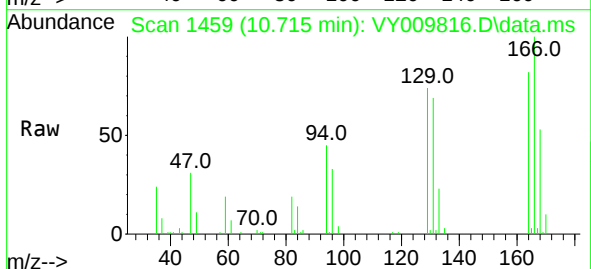
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

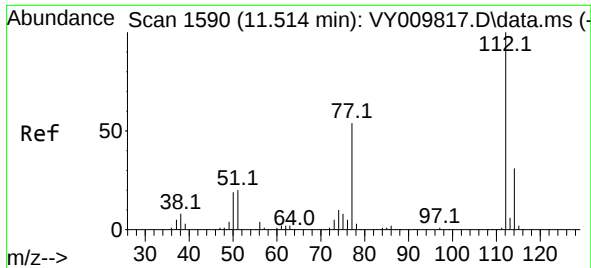
Tgt Ion:117 Resp: 75327
Ion Ratio Lower Upper
117 100
82 49.2 41.7 62.5
119 31.9 26.6 40.0



#64
Tetrachloroethene
Concen: 20.008 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:164 Resp: 11957
Ion Ratio Lower Upper
164 100
166 122.2 103.0 154.6
129 90.2 72.2 108.2
131 84.6 71.8 107.8

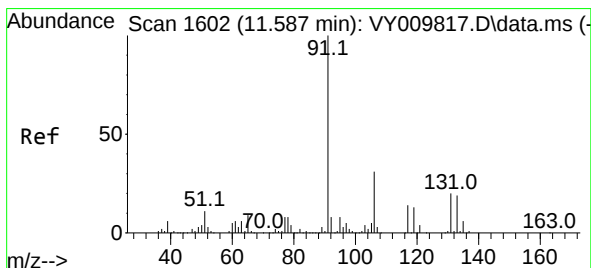
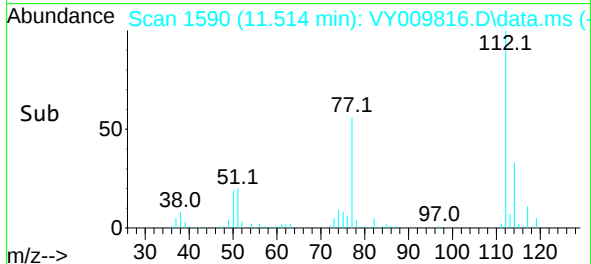
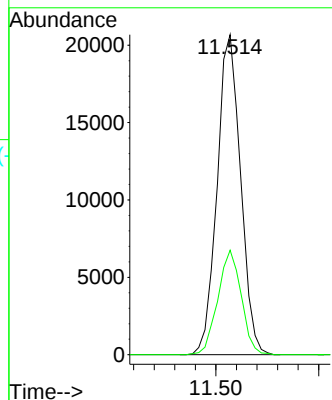
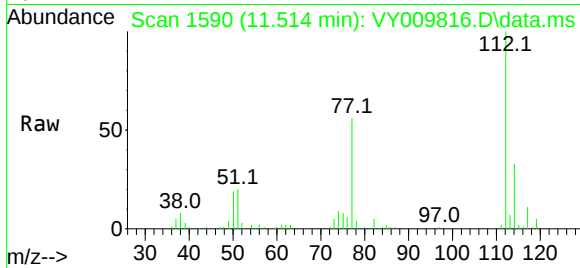




#65
Chlorobenzene
Concen: 19.995 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

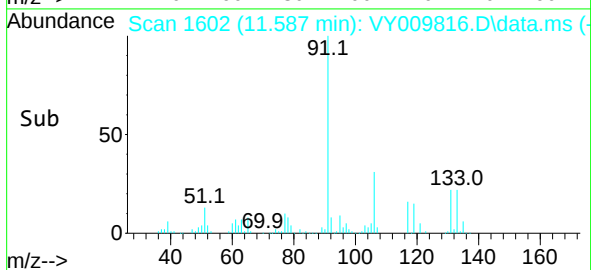
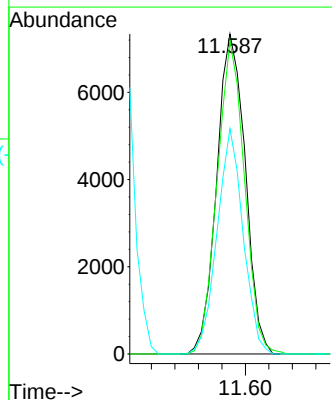
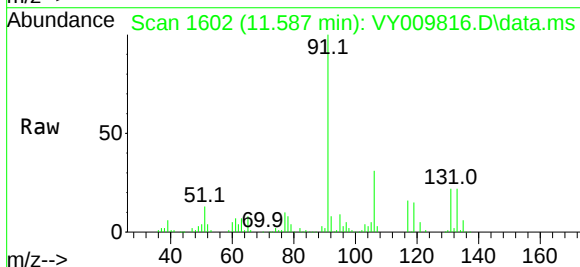
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

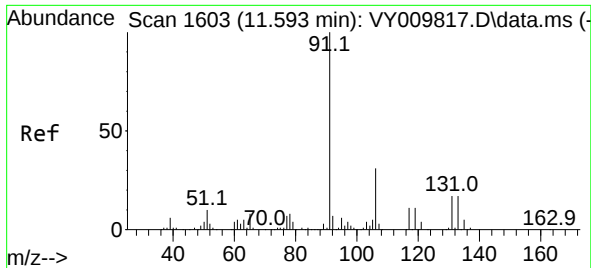
Tgt Ion:112 Resp: 32719
Ion Ratio Lower Upper
112 100
114 32.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.361 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:131 Resp: 12362
Ion Ratio Lower Upper
131 100
133 93.8 48.0 144.0
119 64.3 33.1 99.2

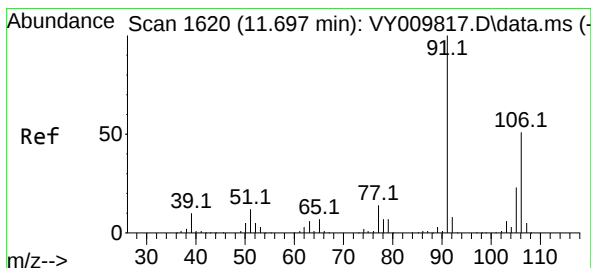
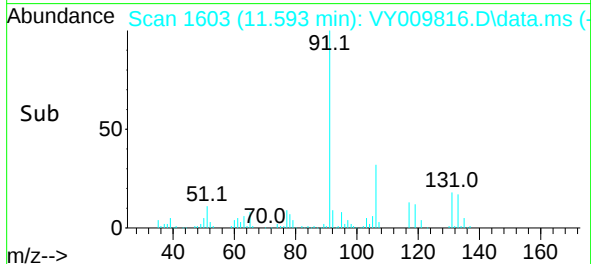
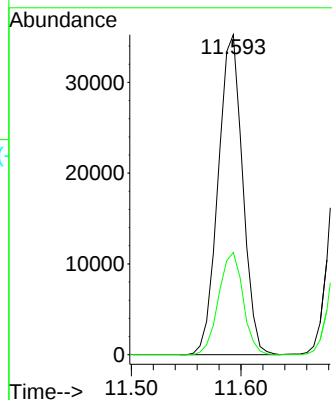
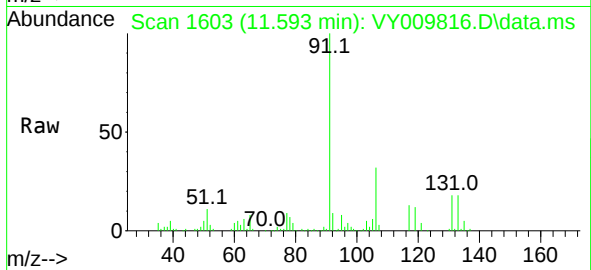




#67
Ethyl Benzene
Concen: 19.246 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

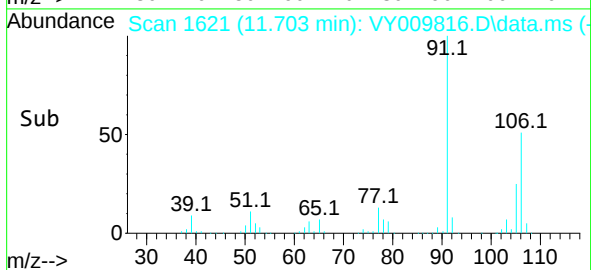
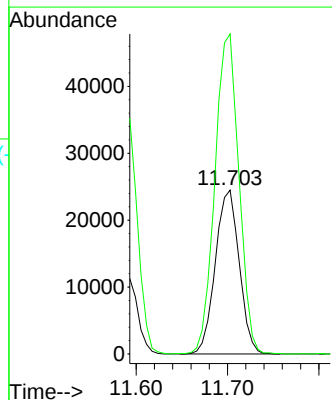
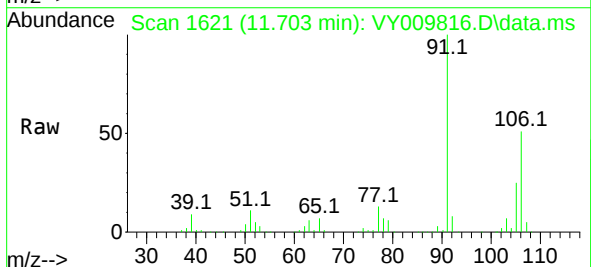
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

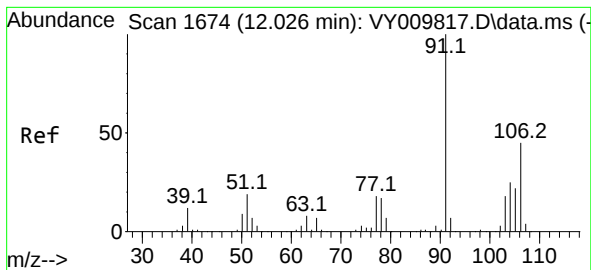
Tgt Ion: 91 Resp: 54685
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 39.859 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:106 Resp: 44458
Ion Ratio Lower Upper
106 100
91 196.7 160.6 240.8

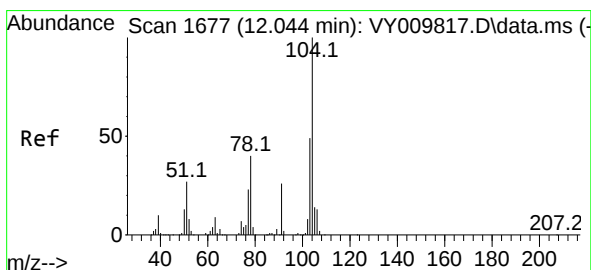
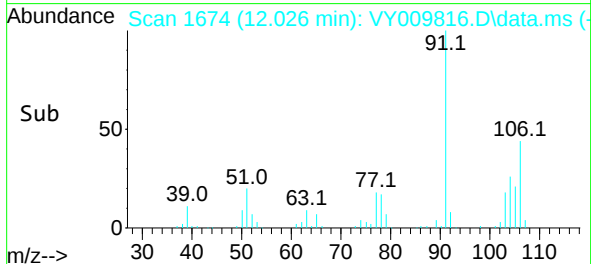
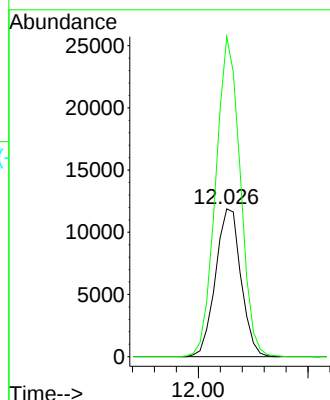
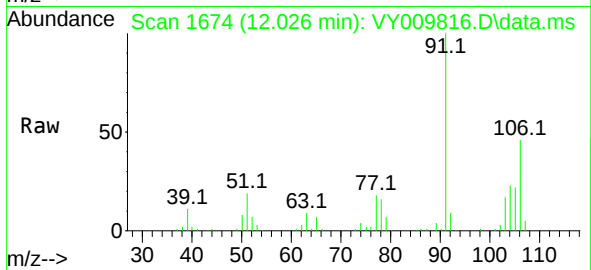




#69
o-Xylene
Concen: 19.232 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

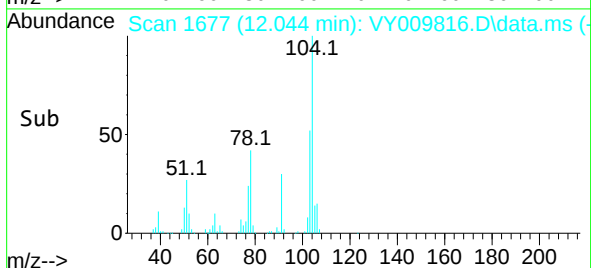
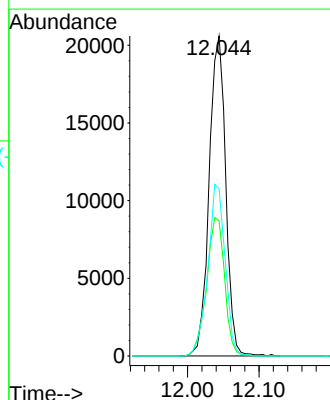
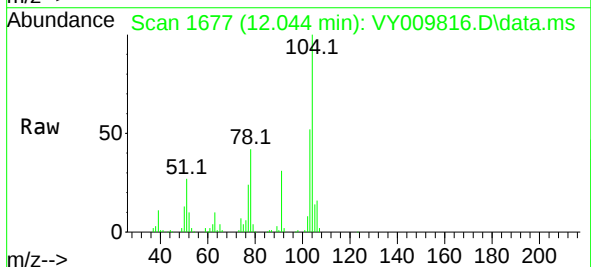
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

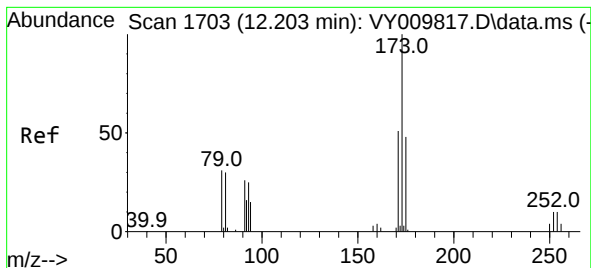
Tgt Ion:106 Resp: 19167
Ion Ratio Lower Upper
106 100
91 209.0 106.6 319.8



#70
Styrene
Concen: 19.431 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:104 Resp: 33126
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 56.2 42.8 64.2





#71

Bromoform

Concen: 20.218 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

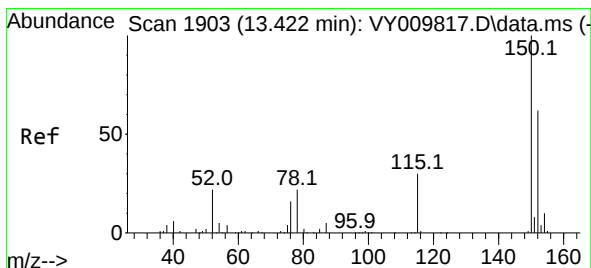
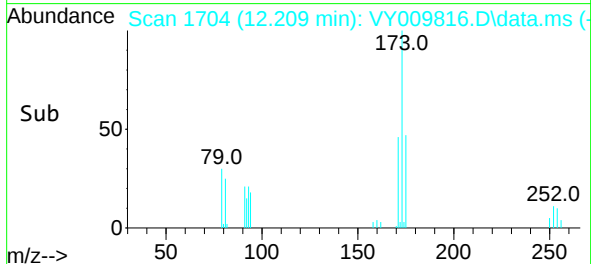
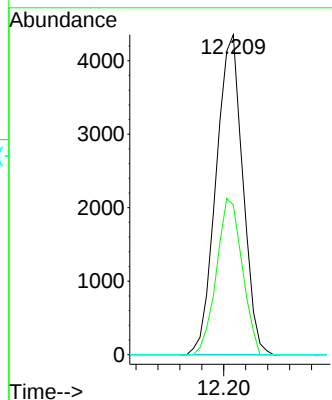
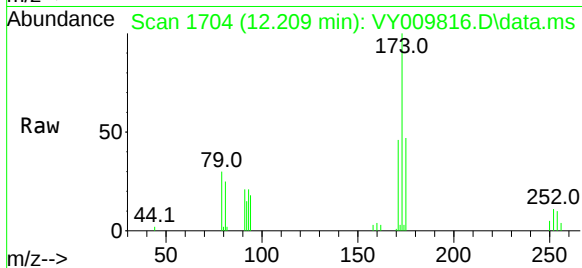
Tgt Ion:173 Resp: 7361

Ion Ratio Lower Upper

173 100

175 47.0 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

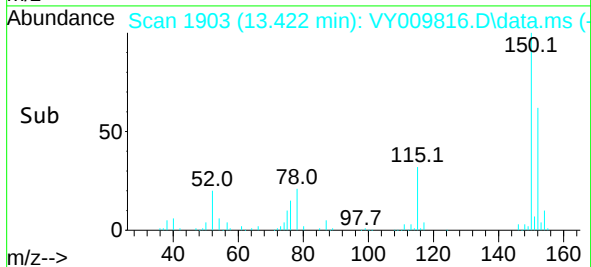
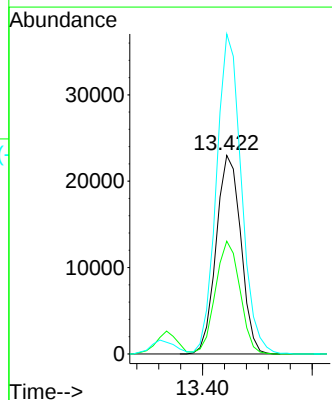
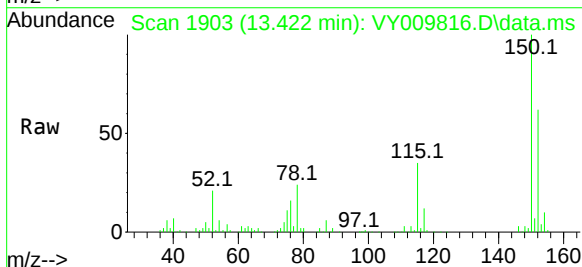
Tgt Ion:152 Resp: 35989

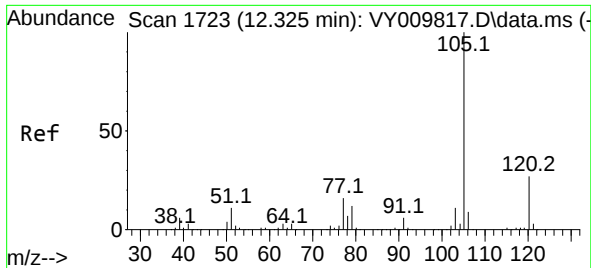
Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 162.6 0.0 354.2

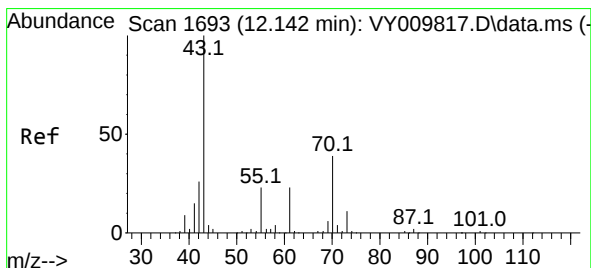
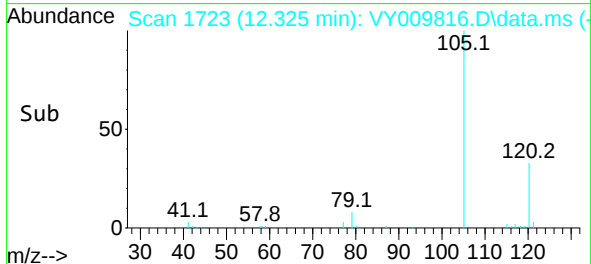
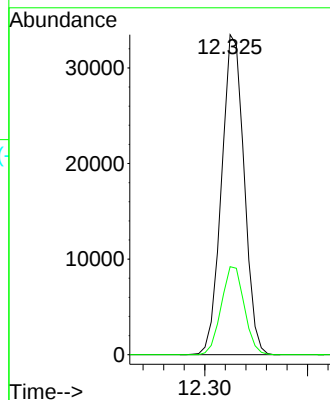
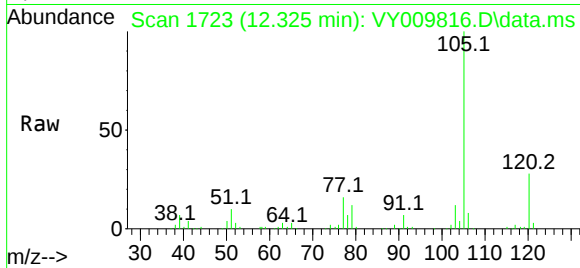




#73
Isopropylbenzene
Concen: 20.385 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

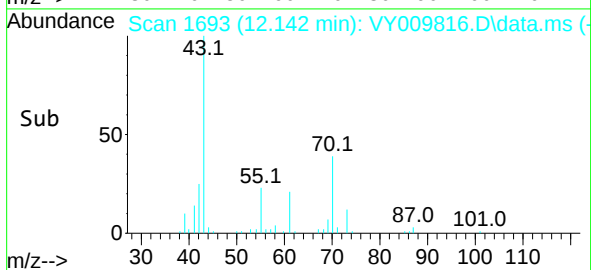
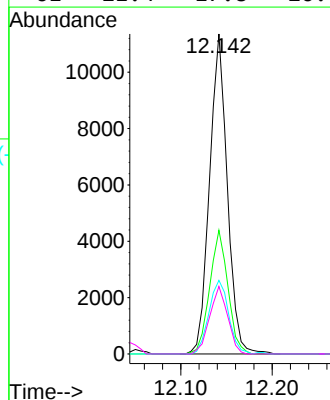
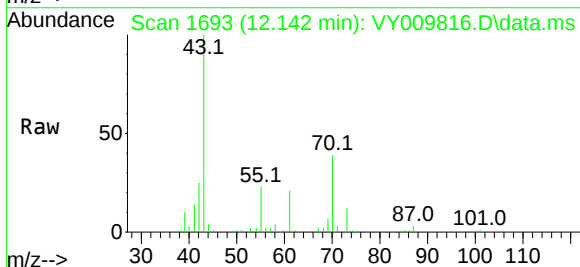
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

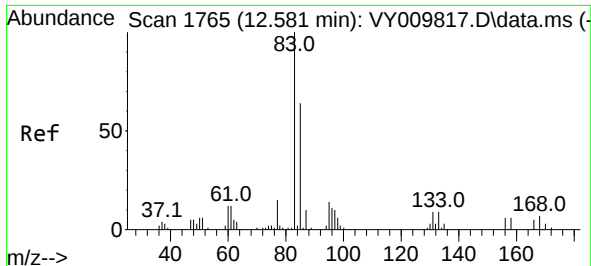
Tgt Ion:105 Resp: 50958
Ion Ratio Lower Upper
105 100
120 28.0 13.8 41.3



#74
N-ethyl acetate
Concen: 19.353 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 43 Resp: 15298
Ion Ratio Lower Upper
43 100
70 39.7 31.4 47.0
55 25.5 19.0 28.4
61 21.4 17.8 26.6

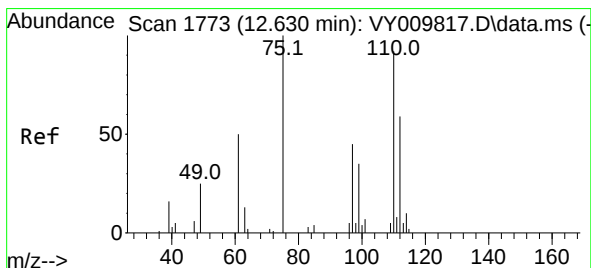
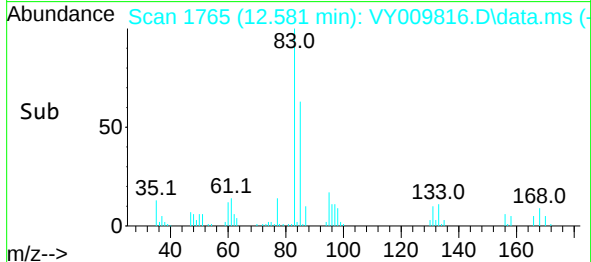
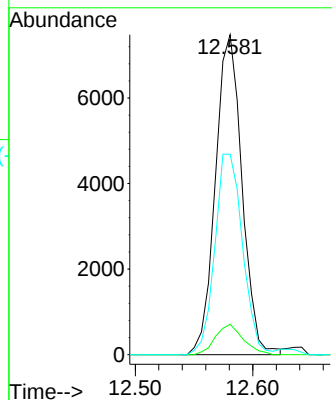
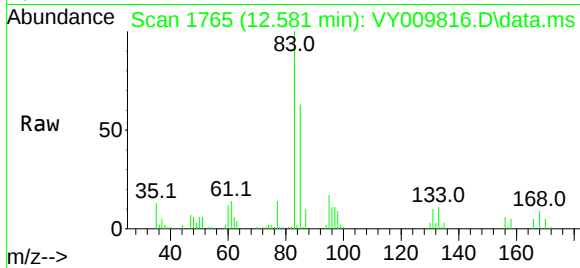




#75
1,1,2,2-Tetrachloroethane
Concen: 20.893 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

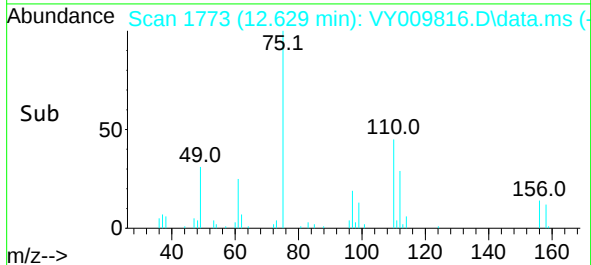
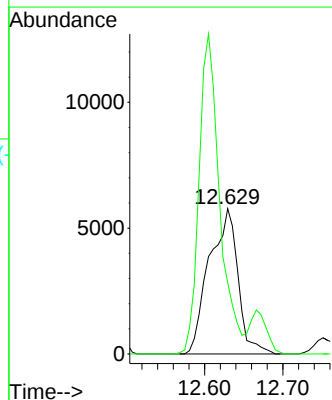
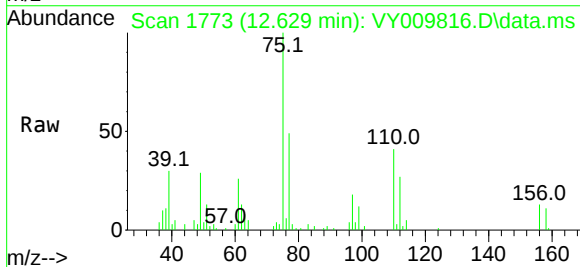
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

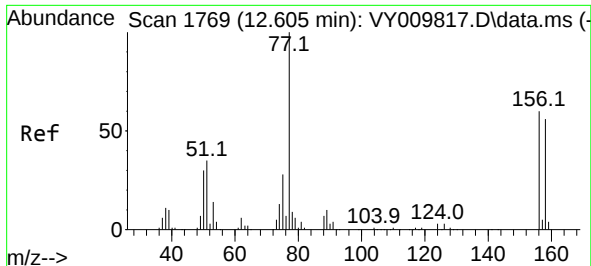
Tgt Ion: 83 Resp: 11771
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 65.3 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 21.992 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 75 Resp: 14727
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

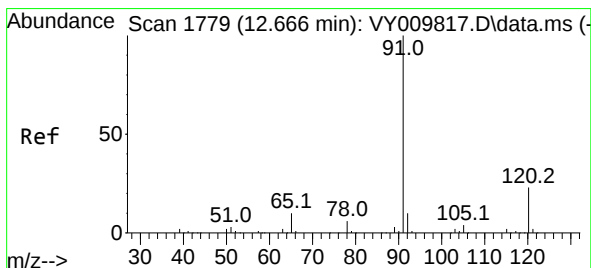
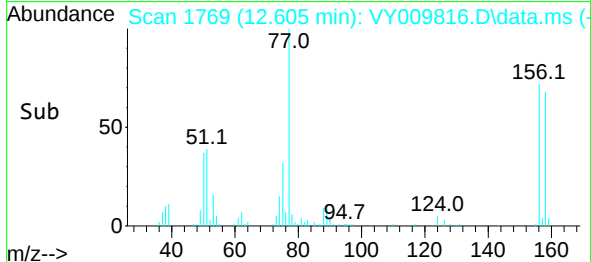
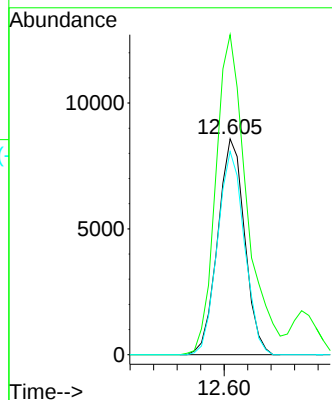
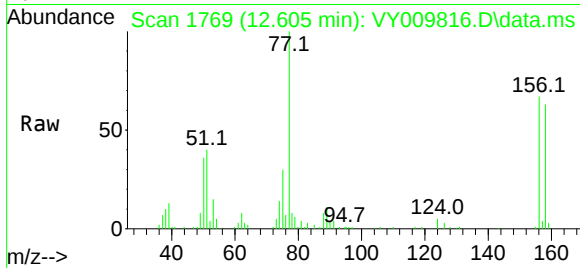




#77
Bromobenzene
Concen: 21.743 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

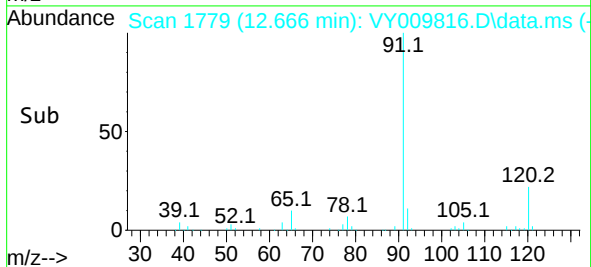
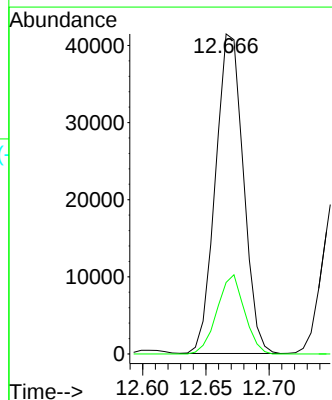
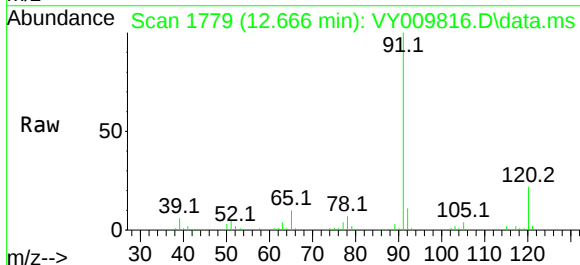
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

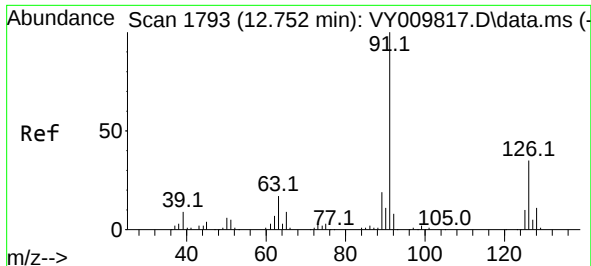
Tgt Ion:156 Resp: 13646
Ion Ratio Lower Upper
156 100
77 170.0 94.0 282.0
158 94.3 48.9 146.6



#78
n-propylbenzene
Concen: 20.140 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 91 Resp: 63522
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8

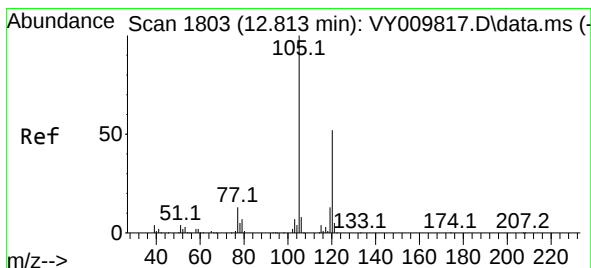
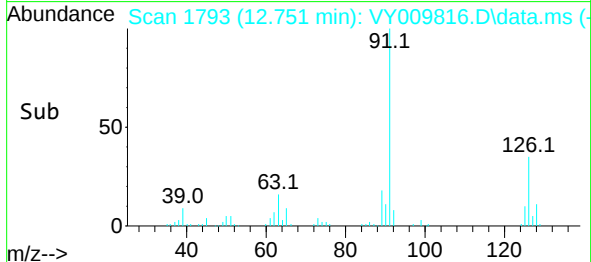
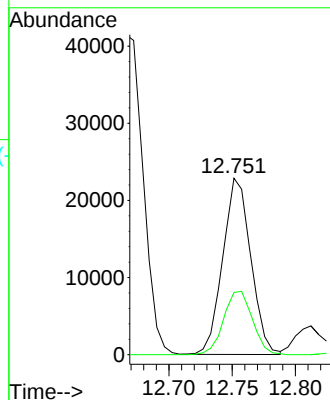
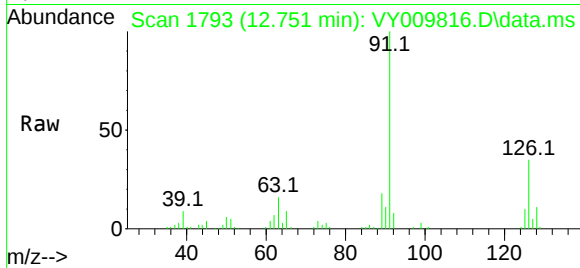




#79
2-Chlorotoluene
Concen: 20.079 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

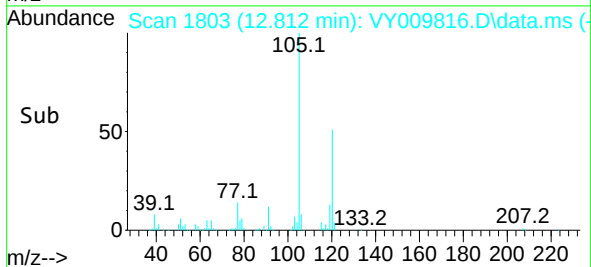
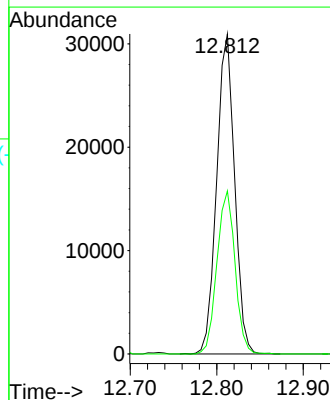
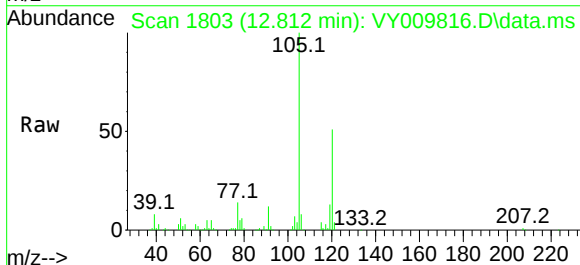
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

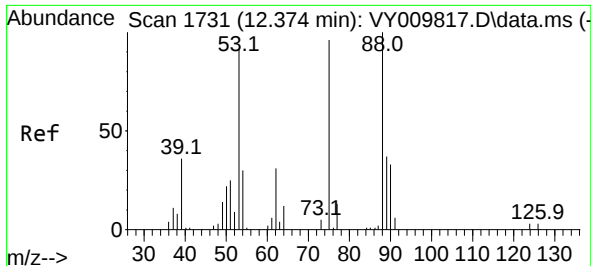
Tgt Ion: 91 Resp: 35264
Ion Ratio Lower Upper
91 100
126 36.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 21.124 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 105 Resp: 44546
Ion Ratio Lower Upper
105 100
120 51.4 25.6 76.6

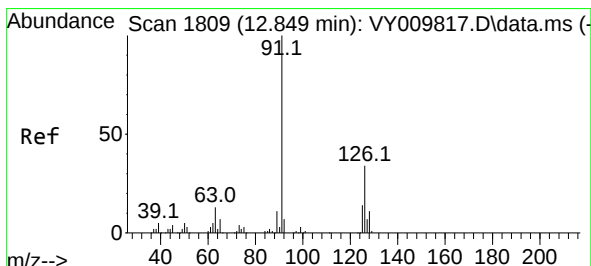
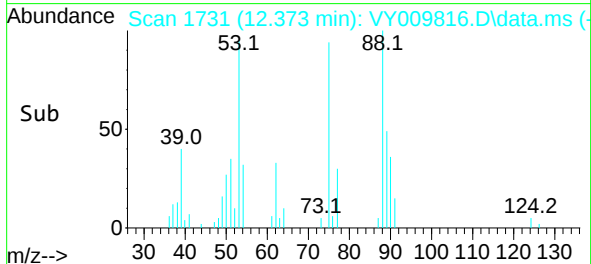
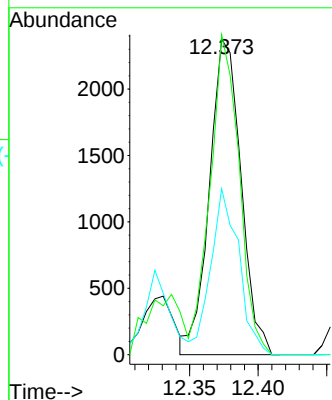
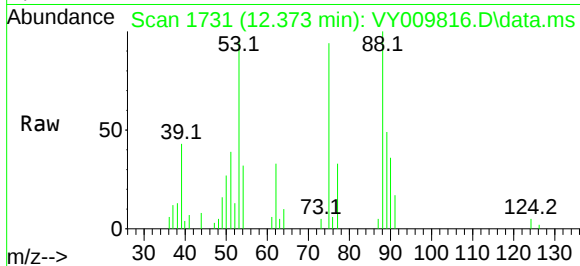




#81
trans-1,4-Dichloro-2-butene
Concen: 19.836 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

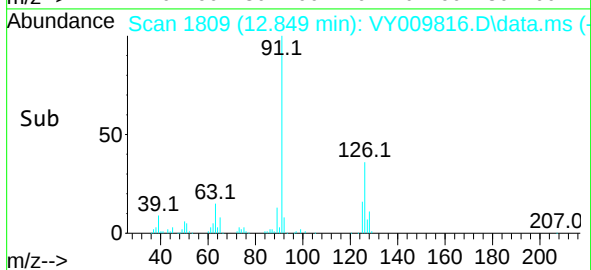
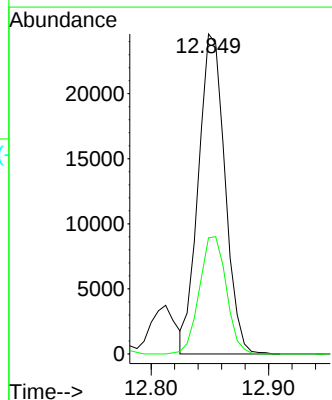
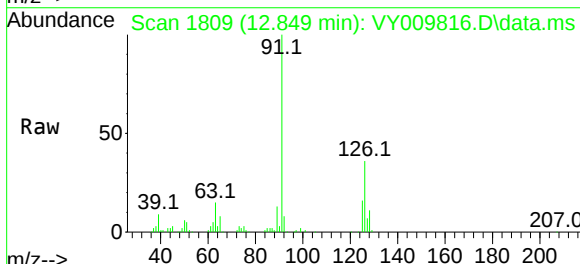
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

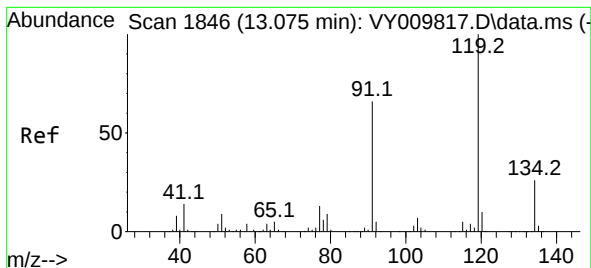
Tgt Ion: 75 Resp: 3805
Ion Ratio Lower Upper
75 100
53 93.0 74.2 111.4
89 46.9 35.3 52.9



#82
4-Chlorotoluene
Concen: 20.821 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 91 Resp: 38572
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.8

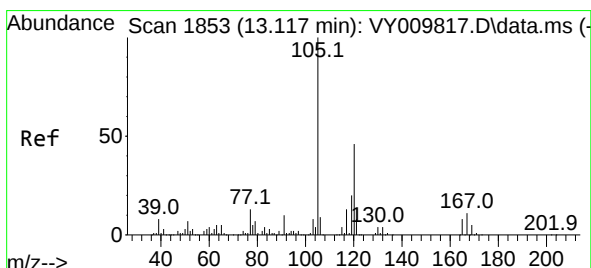
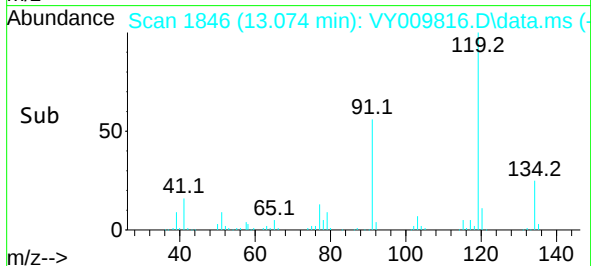
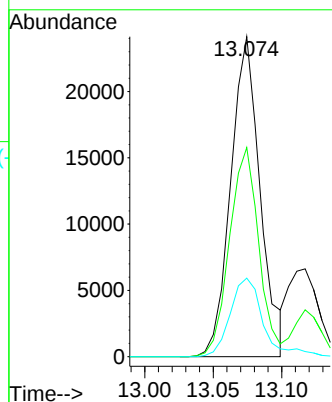
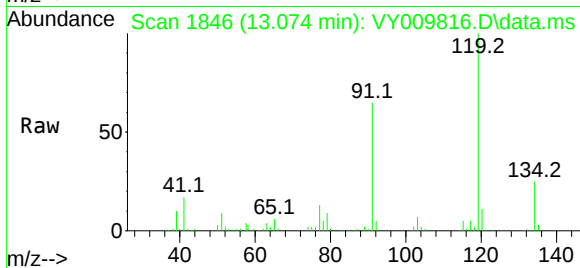




#83
tert-Butylbenzene
Concen: 20.036 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

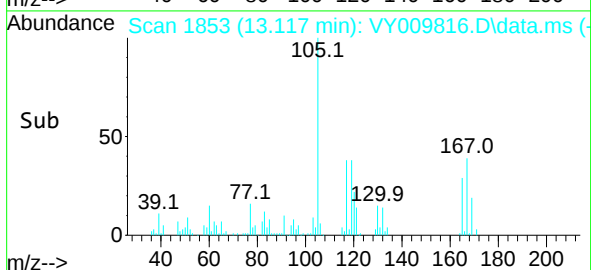
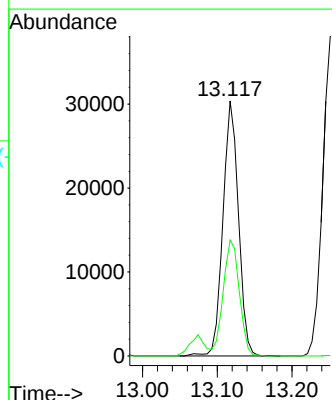
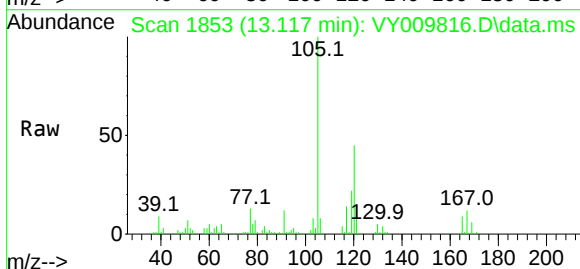
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

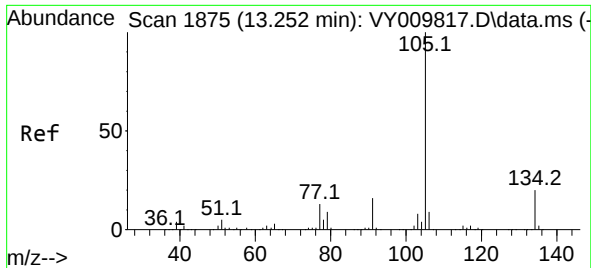
Tgt Ion:119 Resp: 36115
Ion Ratio Lower Upper
119 100
91 64.9 32.0 96.0
134 27.6 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 21.069 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:105 Resp: 43803
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0

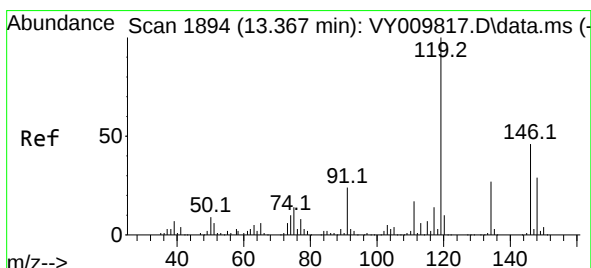
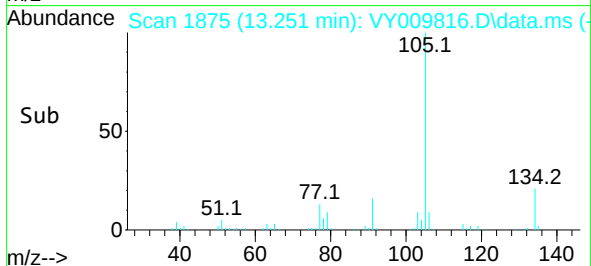
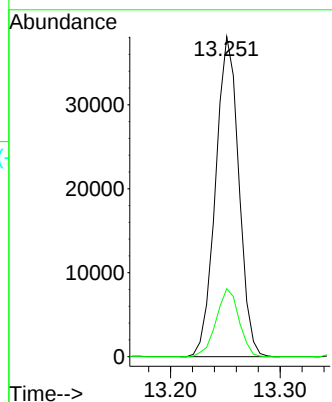
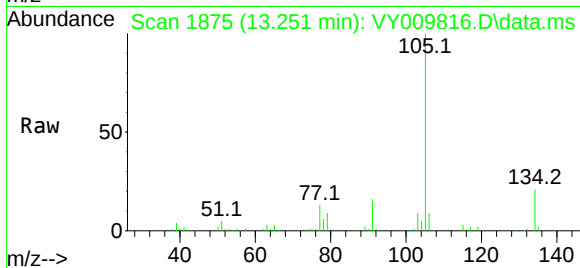




#85
 sec-Butylbenzene
 Concen: 20.411 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

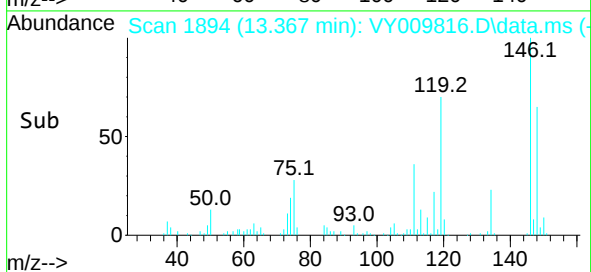
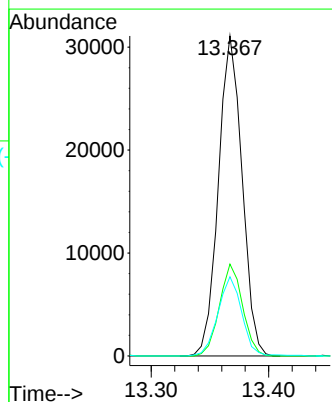
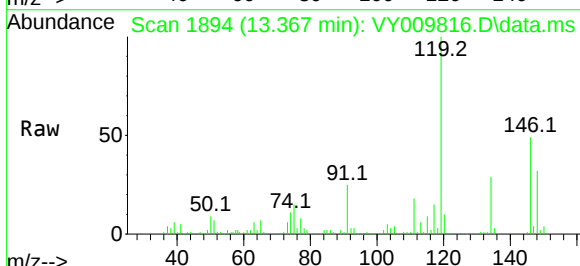
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

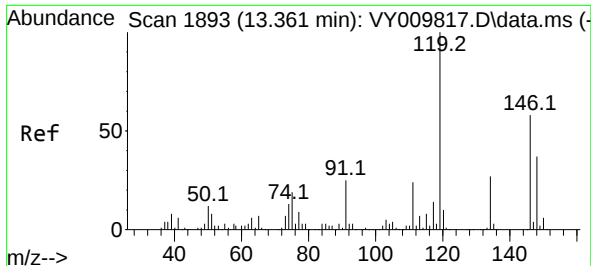
Tgt Ion:105 Resp: 56243
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.436 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009816.D
 Acq: 03 Aug 2022 13:11

Tgt Ion:119 Resp: 43432
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.5 40.4
 91 25.1 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.985 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

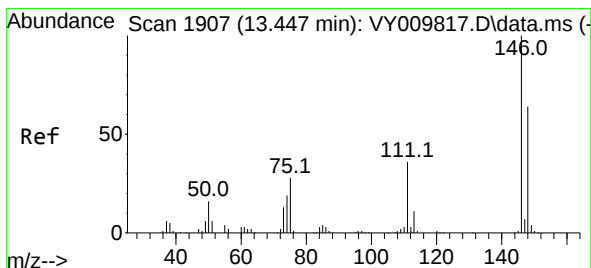
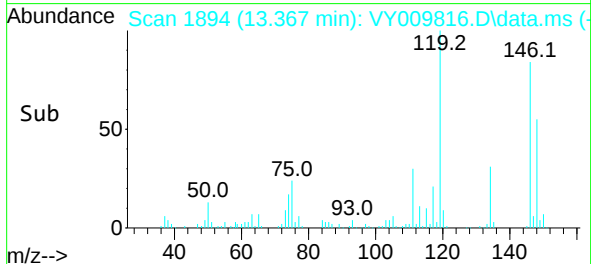
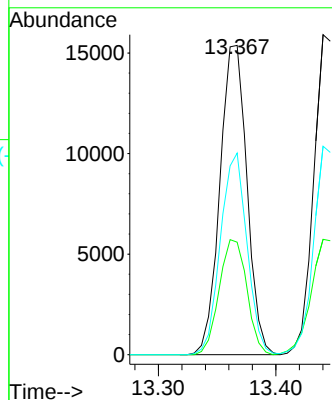
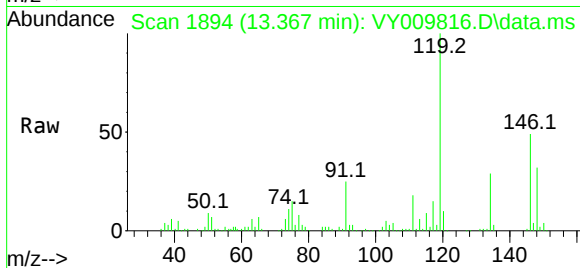
Tgt Ion:146 Resp: 24646

Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.654 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

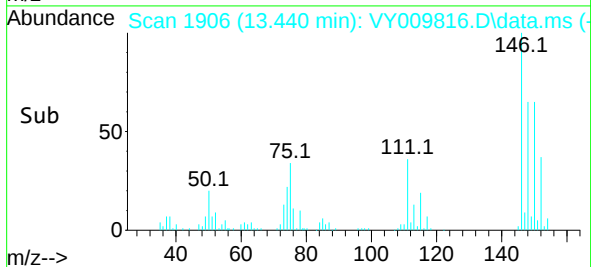
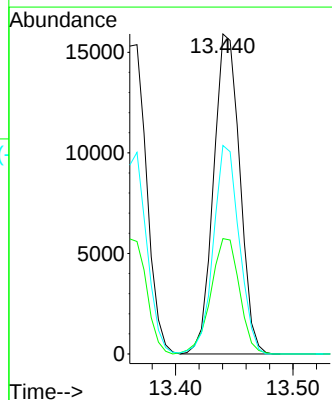
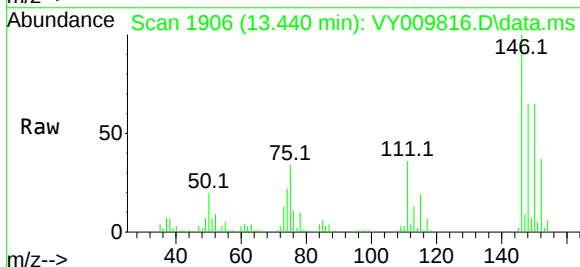
Tgt Ion:146 Resp: 24671

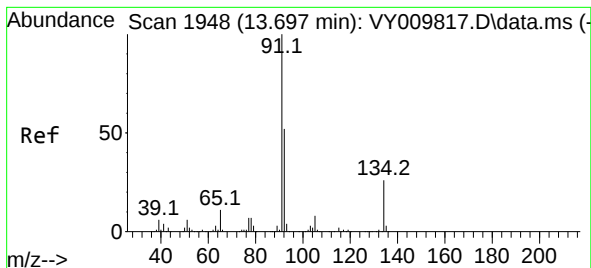
Ion Ratio Lower Upper

146 100

111 39.3 18.6 56.0

148 64.4 31.8 95.3





#89

n-Butylbenzene

Concen: 19.137 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

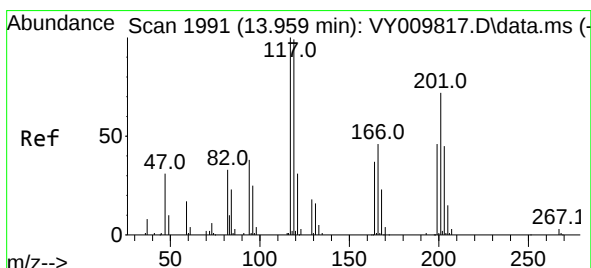
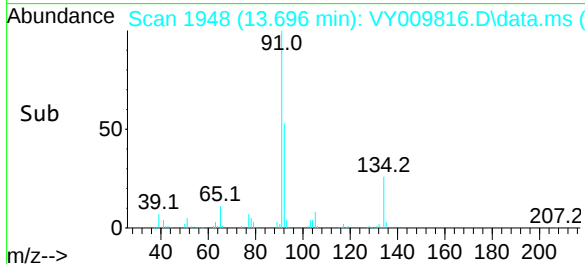
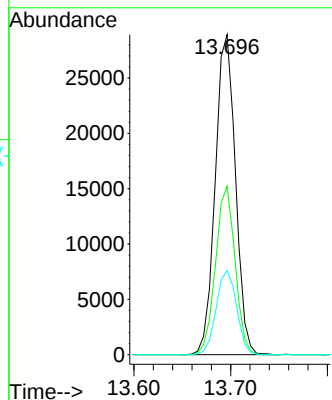
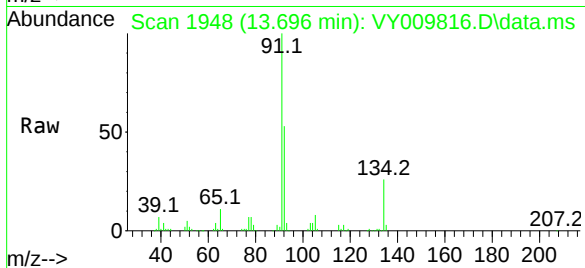
Tgt Ion: 91 Resp: 41880

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.8

134 26.6 12.9 38.6



#90

Hexachloroethane

Concen: 20.076 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009816.D

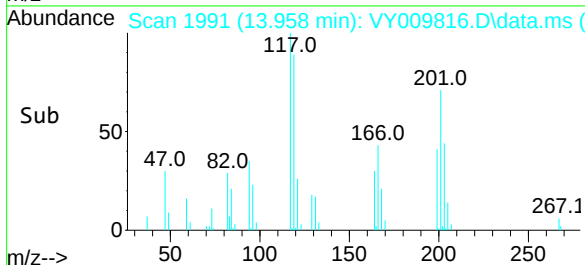
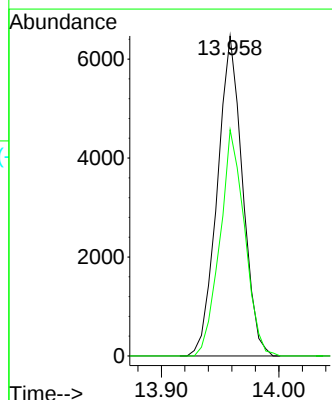
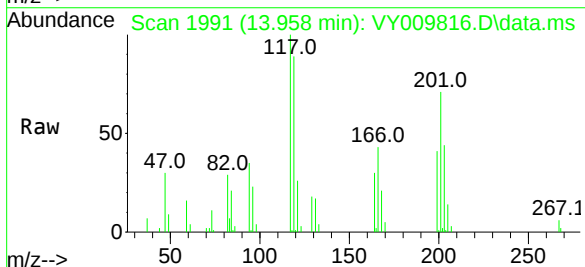
Acq: 03 Aug 2022 13:11

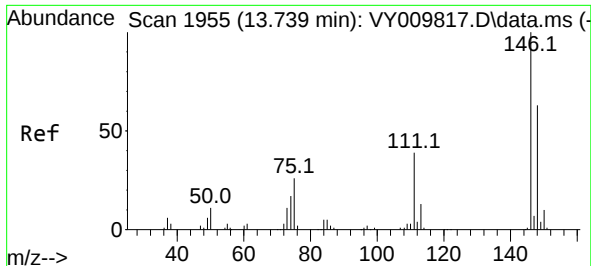
Tgt Ion: 117 Resp: 9636

Ion Ratio Lower Upper

117 100

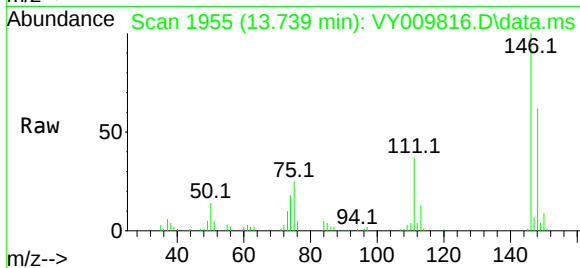
201 69.5 36.3 108.9



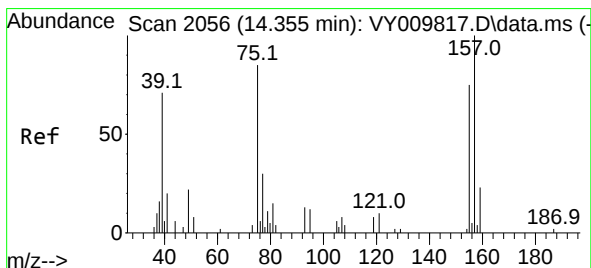
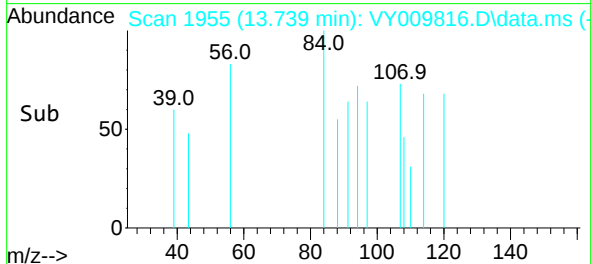
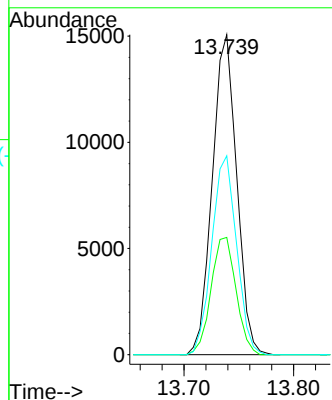


#91
1,2-Dichlorobenzene
Concen: 20.659 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

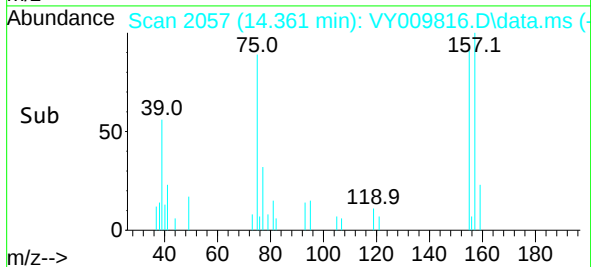
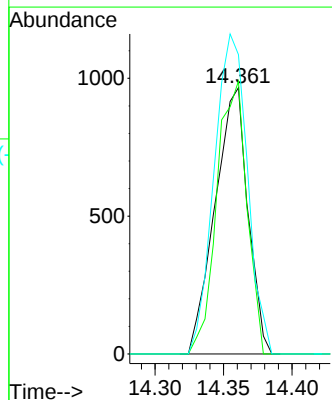
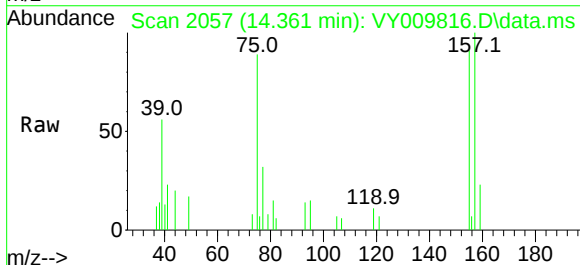


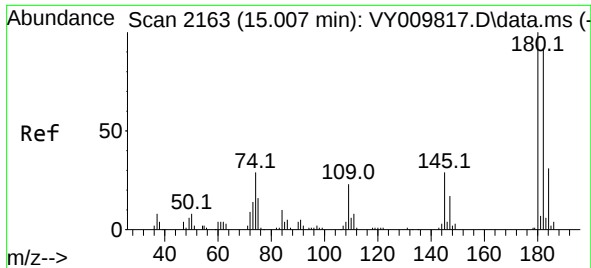
Tgt Ion:146 Resp: 23319
Ion Ratio Lower Upper
146 100
111 37.6 19.6 58.7
148 63.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.265 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion: 75 Resp: 1613
Ion Ratio Lower Upper
75 100
155 93.5 41.8 125.3
157 121.5 53.6 160.8

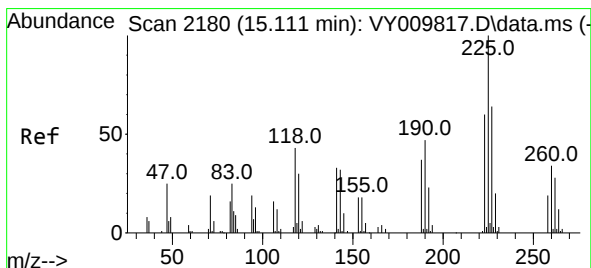
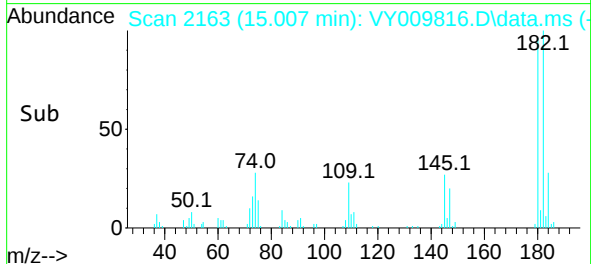
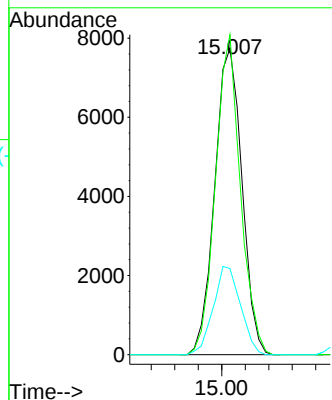
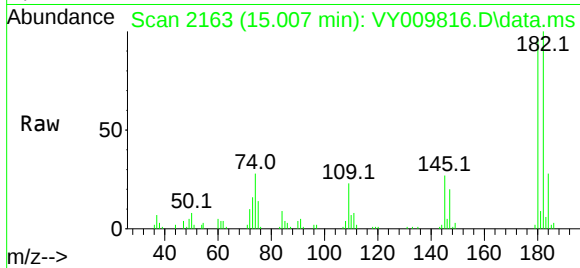




#93
1,2,4-Trichlorobenzene
Concen: 19.913 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

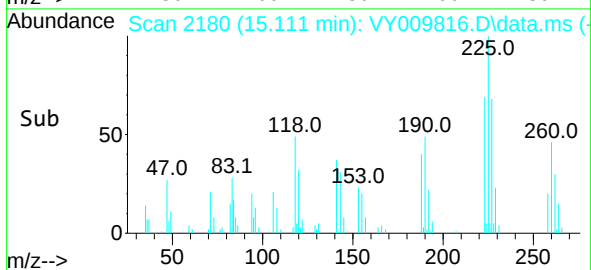
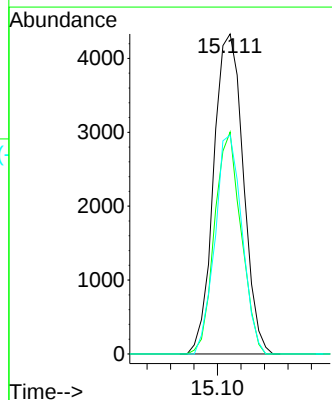
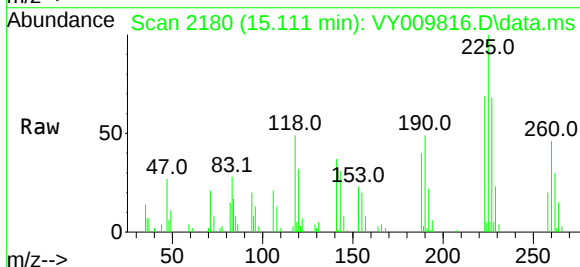
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

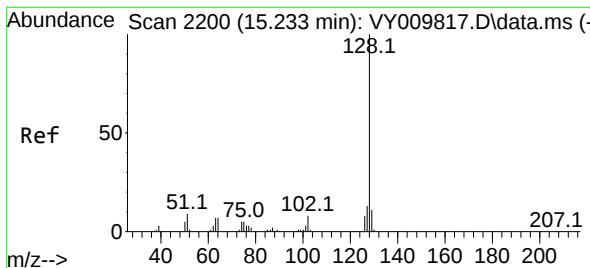
Tgt Ion:180 Resp: 12470
Ion Ratio Lower Upper
180 100
182 95.5 46.8 140.3
145 28.8 15.7 47.0



#94
Hexachlorobutadiene
Concen: 20.643 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009816.D
Acq: 03 Aug 2022 13:11

Tgt Ion:225 Resp: 7572
Ion Ratio Lower Upper
225 100
223 62.2 29.4 88.3
227 62.6 31.9 95.7





#95

Naphthalene

Concen: 19.613 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

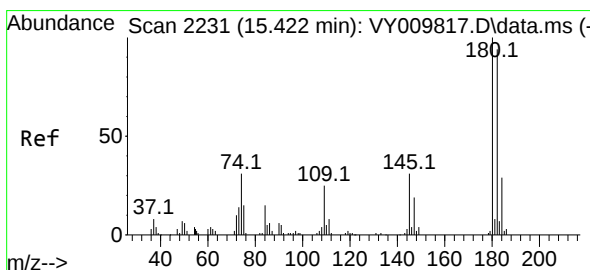
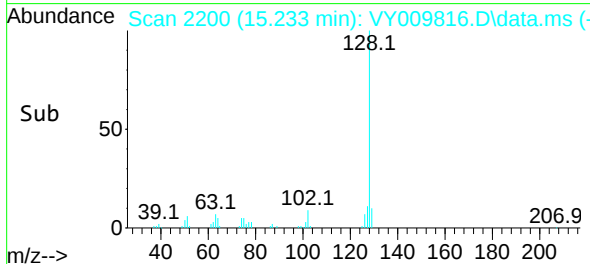
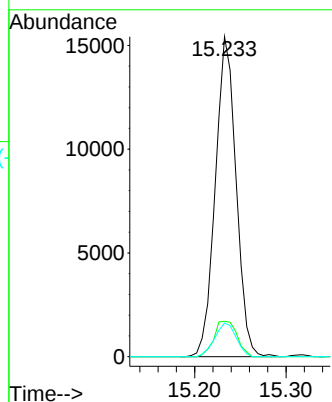
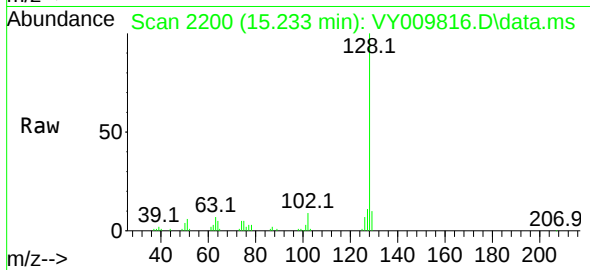
Tgt Ion:128 Resp: 24385

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.172 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009816.D

Acq: 03 Aug 2022 13:11

Tgt Ion:180 Resp: 11173

Ion Ratio Lower Upper

180 100

182 97.7 47.2 141.6

145 32.1 15.2 45.6

