

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075405.D
 Acq On : 22 Feb 2023 18:10
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 00:53:03 2023
 Quant Title :
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	55236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	88171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	82878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24577	51.789	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.580%
35) Dibromofluoromethane	7.804	113	25783	49.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.269	98	86140	45.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.575	95	30798	48.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	26249	42.508	ug/l	96
3) Chloromethane	2.146	50	41226	45.629	ug/l	98
4) Vinyl Chloride	2.287	62	44218	46.102	ug/l	98
5) Bromomethane	2.687	94	25294	46.442	ug/l	99
6) Chloroethane	2.840	64	29317	44.232	ug/l	95
7) Trichlorofluoromethane	3.175	101	53208	47.231	ug/l	98
8) Diethyl Ether	3.593	74	14328	54.625	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	30919	48.156	ug/l	100
10) Methyl Iodide	4.163	142	32839	47.222	ug/l	97
11) Tert butyl alcohol	5.046	59	6558	194.721	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	29235	48.839	ug/l	93
13) Acrolein	3.793	56	2055	155.422	ug/l	99
14) Allyl chloride	4.557	41	49218	51.996	ug/l	99
15) Acrylonitrile	5.257	53	33128	261.587	ug/l	99
16) Acetone	4.028	43	36667	256.492	ug/l	92
17) Carbon Disulfide	4.275	76	96122	45.593	ug/l	96
18) Methyl Acetate	4.569	43	23009	51.363	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	64845	53.506	ug/l	98
20) Methylene Chloride	4.805	84	39302	58.203	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	34447	51.482	ug/l	91
22) Diisopropyl ether	6.216	45	98617	54.542	ug/l	97
23) Vinyl Acetate	6.157	43	178000	295.771	ug/l	97
24) 1,1-Dichloroethane	6.116	63	60822	51.225	ug/l	96
25) 2-Butanone	7.081	43	45505	255.253	ug/l	98
26) 2,2-Dichloropropane	7.075	77	51835	50.195	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	37559	52.767	ug/l	98
28) Bromochloromethane	7.422	49	12194	51.214	ug/l	95
29) Tetrahydrofuran	7.446	42	26290	261.464	ug/l	97
30) Chloroform	7.598	83	62863	52.721	ug/l	95
31) Cyclohexane	7.881	56	51705	46.122	ug/l	97
32) 1,1,1-Trichloroethane	7.798	97	55368	50.446	ug/l	96
36) 1,1-Dichloropropene	8.010	75	48256	51.437	ug/l	98
37) Ethyl Acetate	7.169	43	20046	54.598	ug/l #	95
38) Carbon Tetrachloride	7.993	117	48143	51.217	ug/l	99
39) Methylcyclohexane	9.275	83	55433	50.131	ug/l	93
40) Benzene	8.251	78	134001	52.178	ug/l	97
41) Methacrylonitrile	7.398	41	9510m	45.164	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.328	62	38317	53.434	ug/l	99
43) Isopropyl Acetate	8.363	43	38182	55.348	ug/l	98
44) Trichloroethene	9.028	130	34929	50.769	ug/l	100
45) 1,2-Dichloropropane	9.304	63	33652	53.732	ug/l	97
46) Dibromomethane	9.398	93	17978	52.718	ug/l	96
47) Bromodichloromethane	9.587	83	47340	54.552	ug/l	94
48) Methyl methacrylate	9.381	41	19307	55.673	ug/l	94
49) 1,4-Dioxane	9.387	88	3234	1035.188	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	99614	285.121	ug/l	98
52) Toluene	10.334	92	85144	53.848	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	40967	57.663	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	49399	57.352	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	24699	55.906	ug/l	97
56) Ethyl methacrylate	10.598	69	28135	57.228	ug/l	98
57) 1,3-Dichloropropane	10.881	76	41152	54.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	36299	295.276	ug/l	97
59) 2-Hexanone	10.922	43	70217	284.813	ug/l	98
60) Dibromochloromethane	11.075	129	30610	54.192	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22538	53.801	ug/l	97
64) Tetrachloroethene	10.816	164	29283	49.362	ug/l	99
65) Chlorobenzene	11.610	112	87898	50.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33474	53.177	ug/l	100
67) Ethyl Benzene	11.686	91	165475	52.637	ug/l	98
68) m/p-Xylenes	11.798	106	128968	104.659	ug/l	99
69) o-Xylene	12.122	106	59311	52.554	ug/l	100
70) Styrene	12.139	104	101998	54.152	ug/l	99
71) Bromoform	12.304	173	16751	51.926	ug/l #	92
73) Isopropylbenzene	12.422	105	157640	48.790	ug/l	99
74) N-amyl acetate	12.239	43	35125	50.781	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26905	49.689	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	14322m	46.098	ug/l	
77) Bromobenzene	12.704	156	35585	48.728	ug/l	99
78) n-propylbenzene	12.769	91	200563	49.611	ug/l	99
79) 2-Chlorotoluene	12.851	91	107293	49.147	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	135710	50.753	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	6561	49.911	ug/l	92
82) 4-Chlorotoluene	12.951	91	111960	48.611	ug/l	98
83) tert-Butylbenzene	13.169	119	111594	48.142	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	134123	50.784	ug/l	98
85) sec-Butylbenzene	13.351	105	174768	48.941	ug/l	100
86) p-Isopropyltoluene	13.463	119	146643	50.548	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	73224	48.682	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	72790	49.326	ug/l	100
89) n-Butylbenzene	13.792	91	141797	49.685	ug/l	99
90) Hexachloroethane	14.057	117	27975	48.070	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	63889	50.659	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3998	49.375	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	38257	49.888	ug/l	98
94) Hexachlorobutadiene	15.210	225	20577	46.358	ug/l	98
95) Naphthalene	15.333	128	70800	52.186	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	32113	49.526	ug/l	97

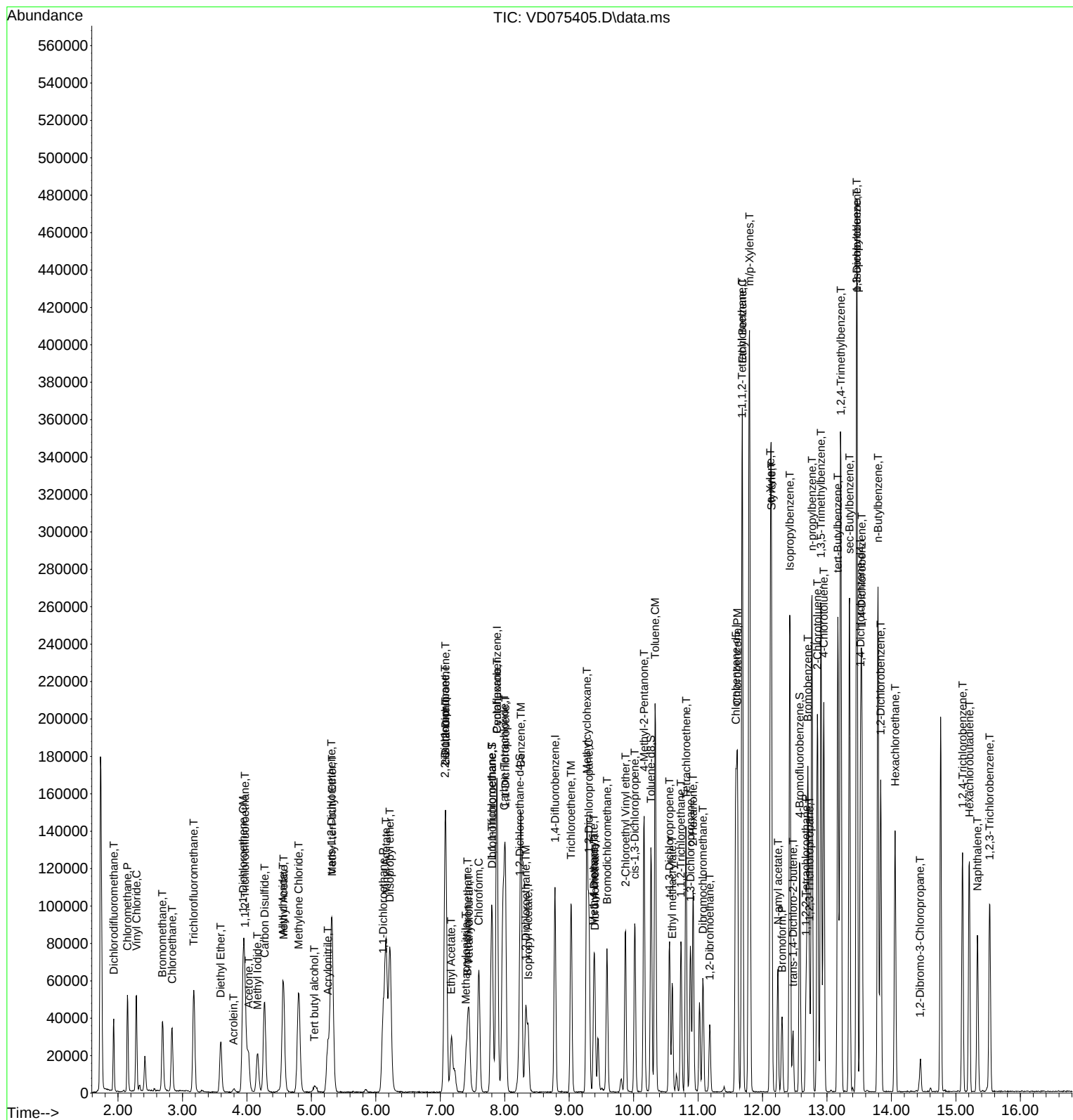
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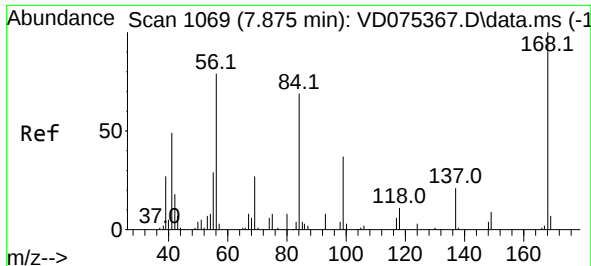
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ClientSampleId :
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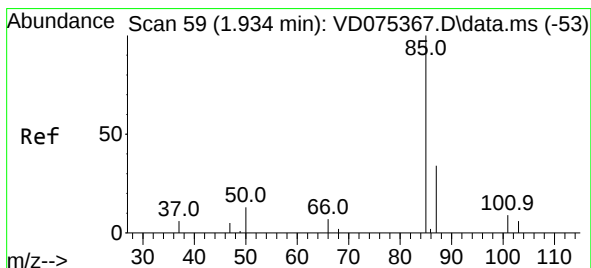
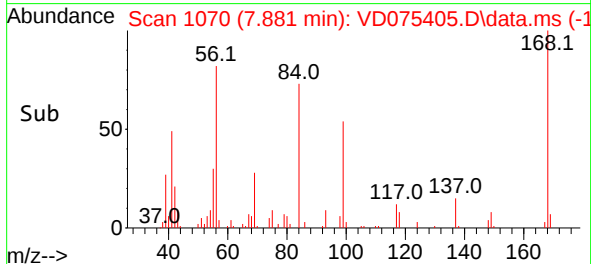
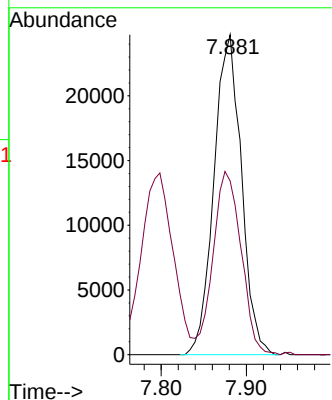
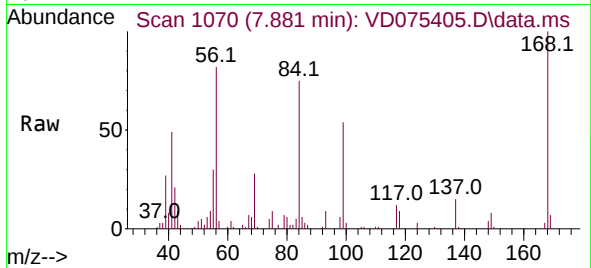




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075405.D
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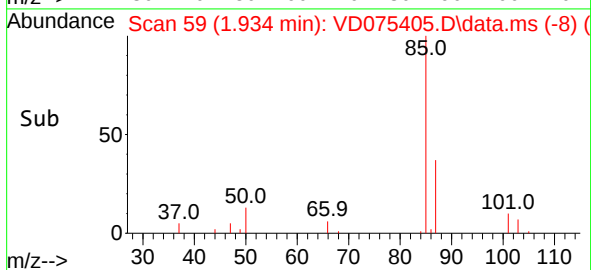
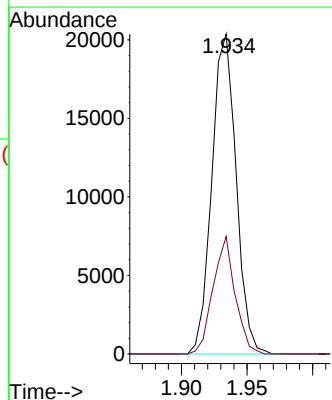
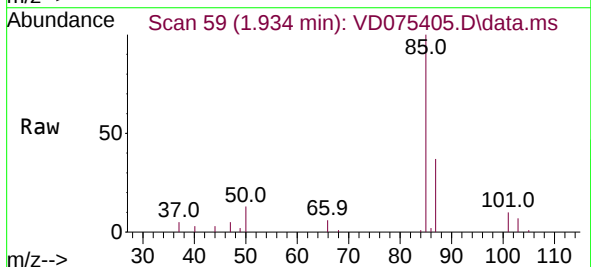
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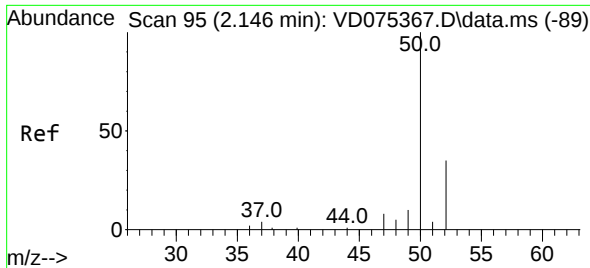
Tgt Ion:168 Resp: 55236
Ion Ratio Lower Upper
168 100
99 54.3 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 42.508 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 85 Resp: 26249
Ion Ratio Lower Upper
85 100
87 36.7 17.3 51.7

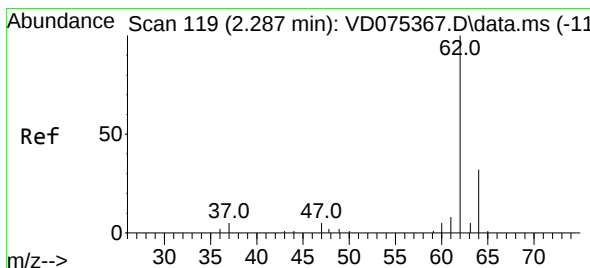
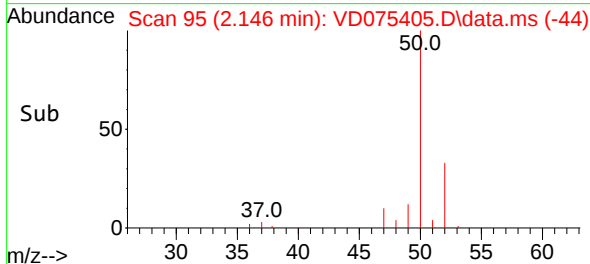
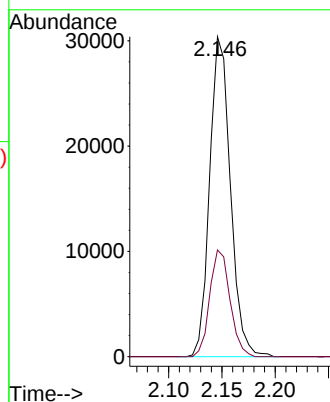
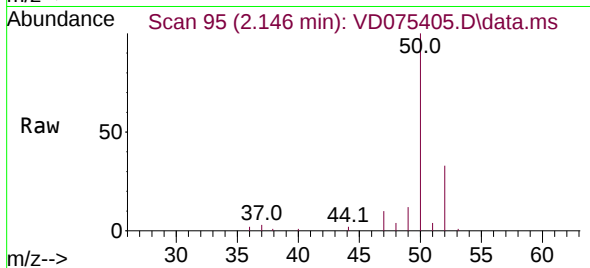




#3
Chloromethane
Concen: 45.629 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

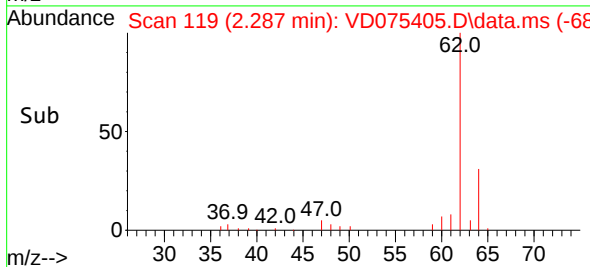
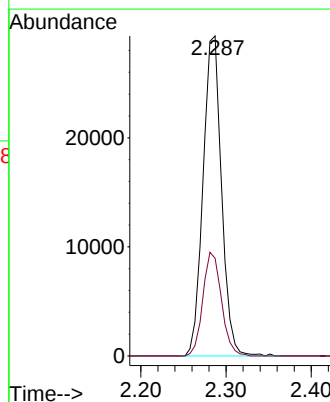
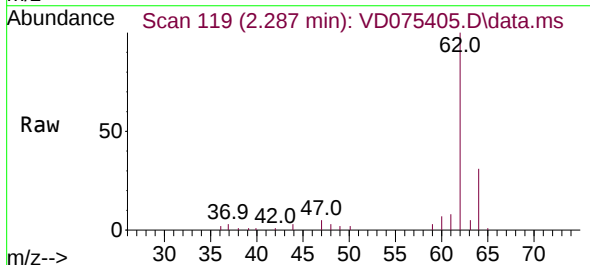
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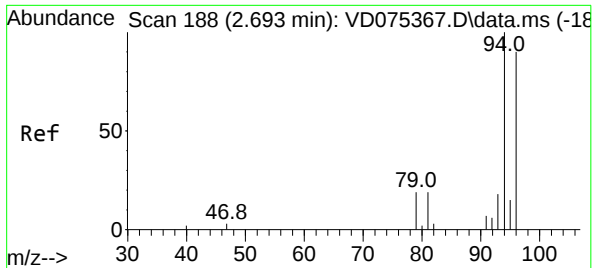
Tgt Ion: 50 Resp: 41226
Ion Ratio Lower Upper
50 100
52 33.4 27.8 41.8



#4
Vinyl Chloride
Concen: 46.102 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 62 Resp: 44218
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0

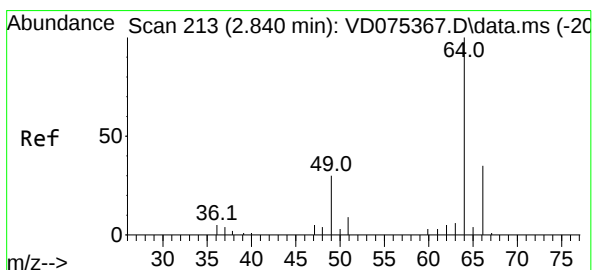
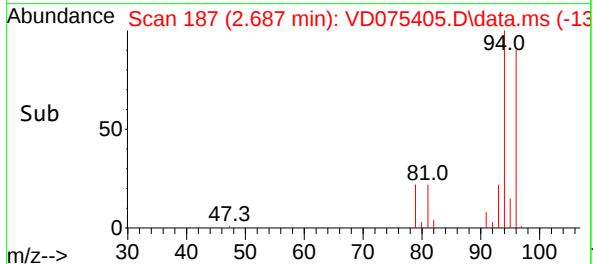
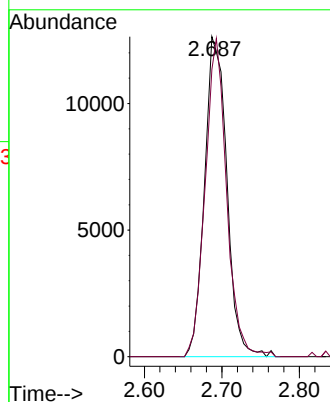
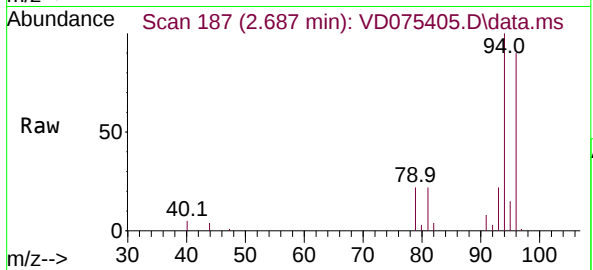




#5
Bromomethane
Concen: 46.442 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

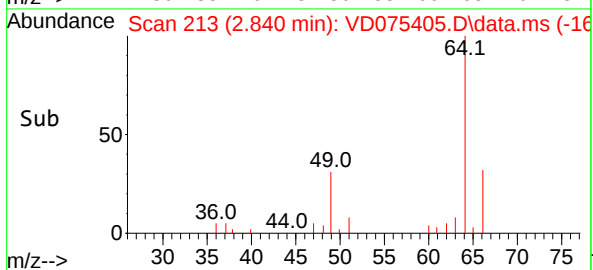
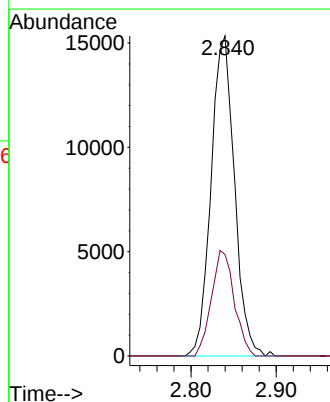
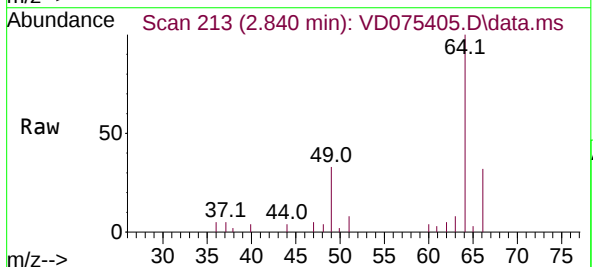
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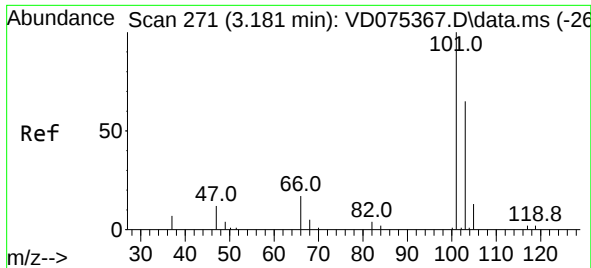
Tgt Ion: 94 Resp: 25294
Ion Ratio Lower Upper
94 100
96 95.7 77.5 116.3



#6
Chloroethane
Concen: 44.232 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 64 Resp: 29317
Ion Ratio Lower Upper
64 100
66 31.7 27.7 41.5

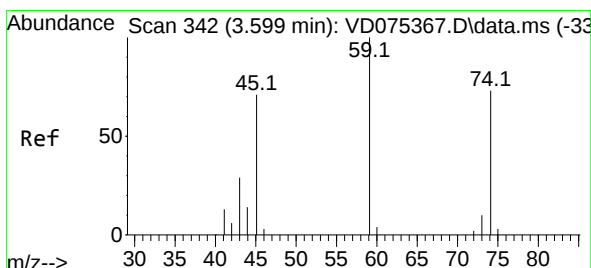
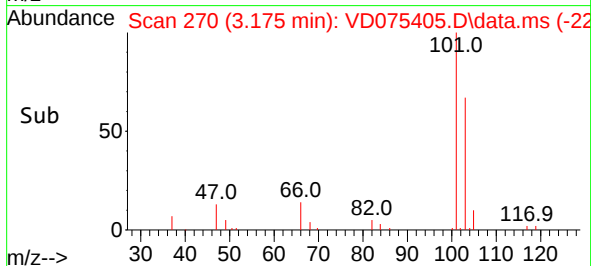
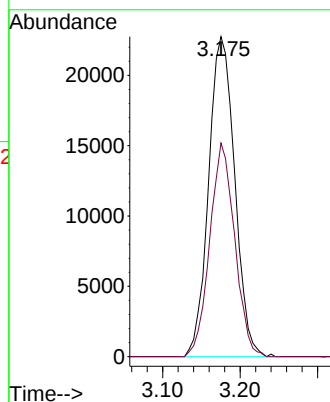
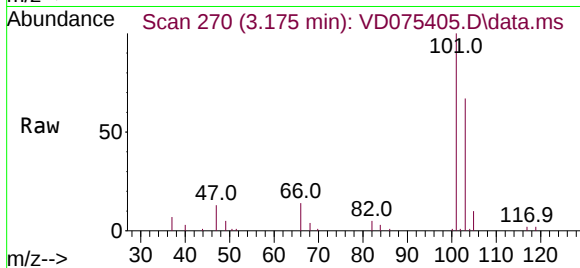




#7
Trichlorofluoromethane
Concen: 47.231 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075405.D
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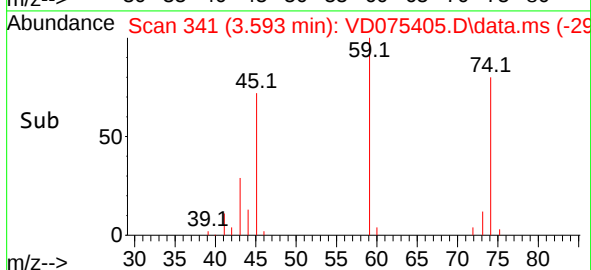
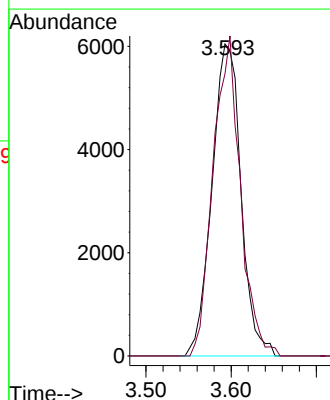
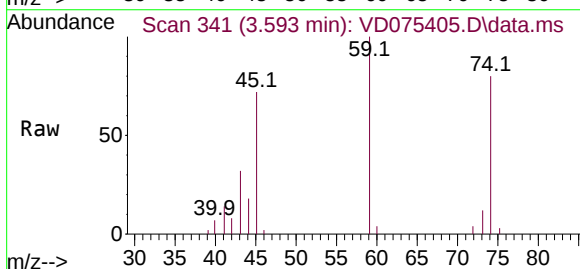
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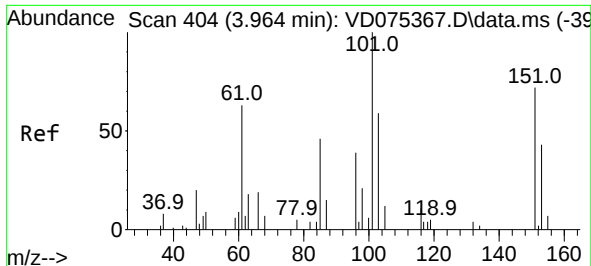
Tgt Ion:101 Resp: 53208
Ion Ratio Lower Upper
101 100
103 66.7 51.9 77.9



#8
Diethyl Ether
Concen: 54.625 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 74 Resp: 14328
Ion Ratio Lower Upper
74 100
45 96.4 50.9 152.7

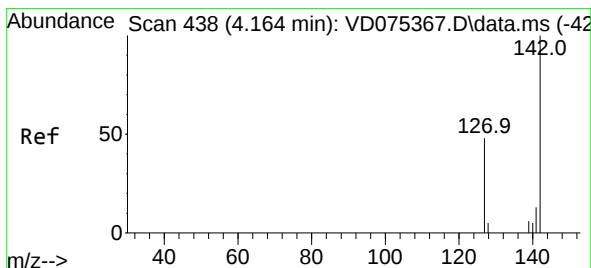
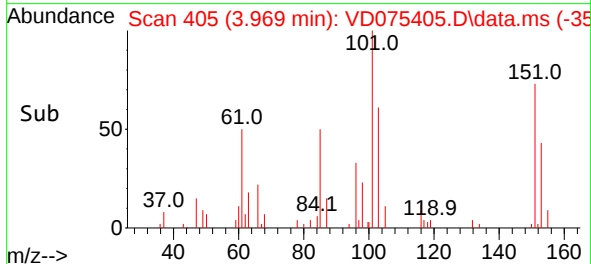
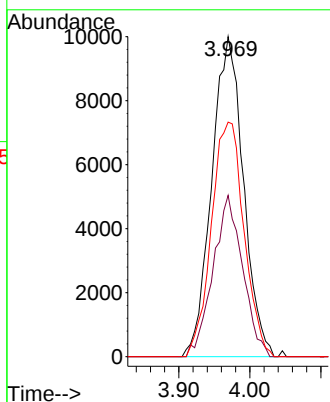
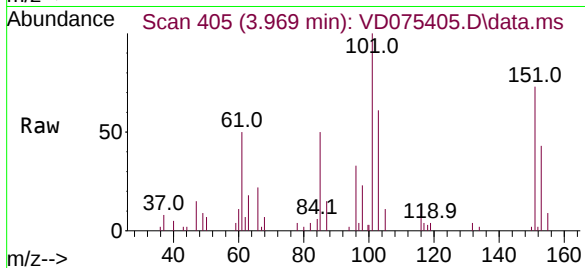




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.156 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
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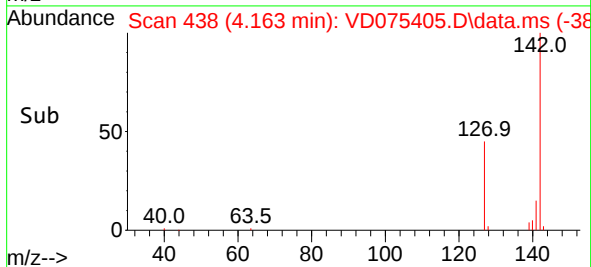
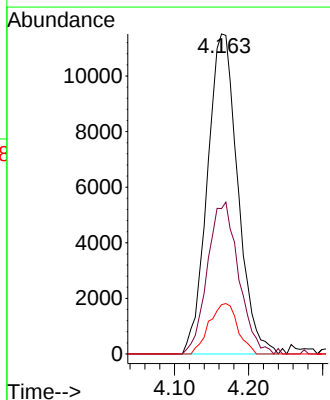
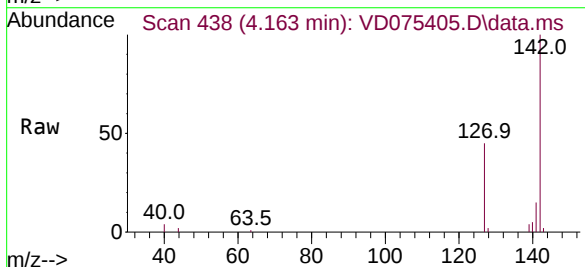
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ClientSampleId :
VSTDCCC050EC

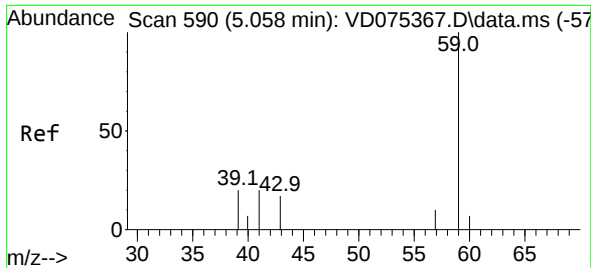
Tgt Ion:101 Resp: 30919
Ion Ratio Lower Upper
101 100
85 47.2 38.3 57.5
151 75.5 60.4 90.6



#10
Methyl Iodide
Concen: 47.222 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion:142 Resp: 32839
Ion Ratio Lower Upper
142 100
127 48.7 37.1 55.7
141 14.7 11.3 16.9

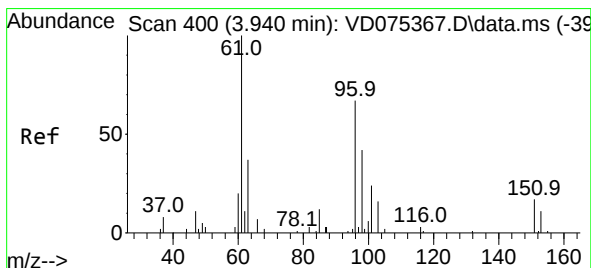
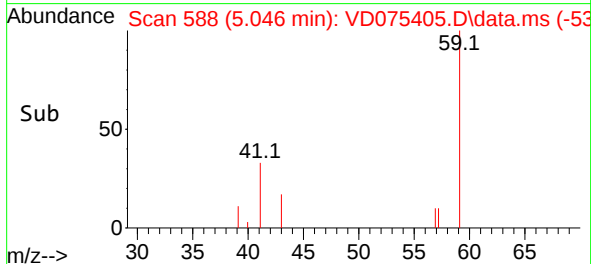
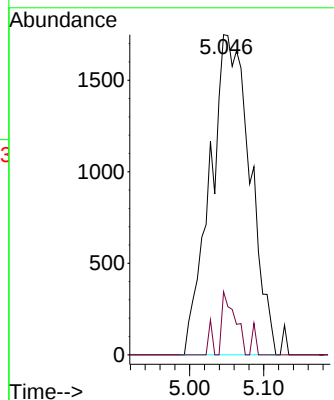
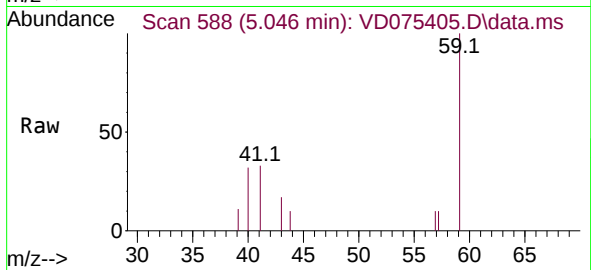




#11
Tert butyl alcohol
Concen: 194.721 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

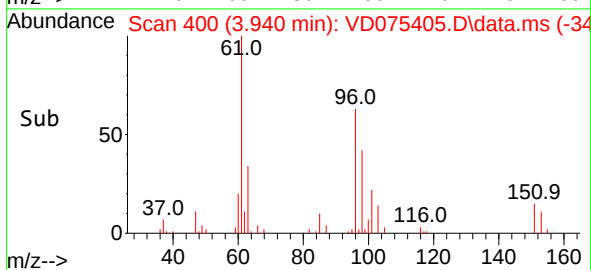
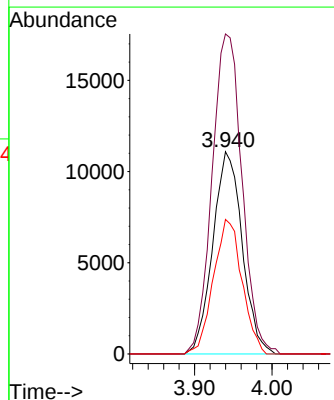
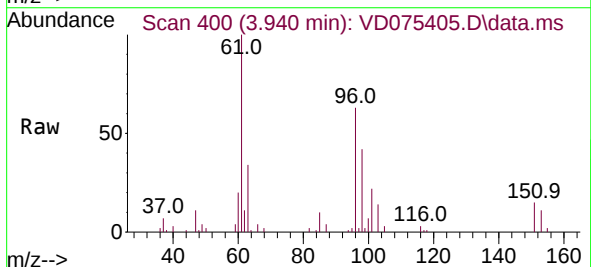
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

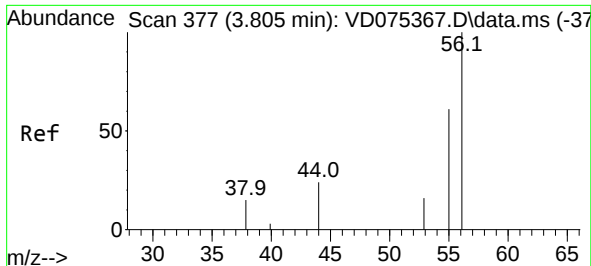
Tgt Ion: 59 Resp: 6558
Ion Ratio Lower Upper
59 100
57 6.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 48.839 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 96 Resp: 29235
Ion Ratio Lower Upper
96 100
61 158.2 118.6 177.8
98 66.6 49.7 74.5

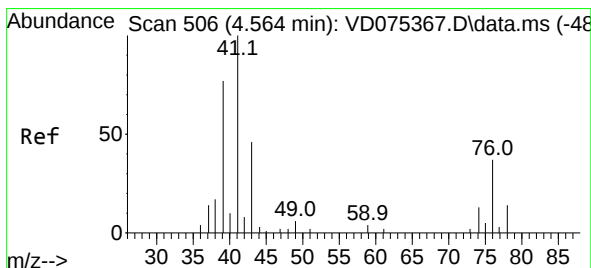
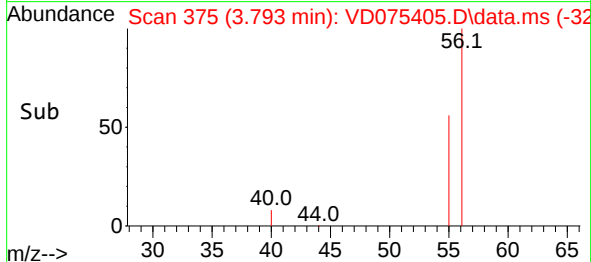
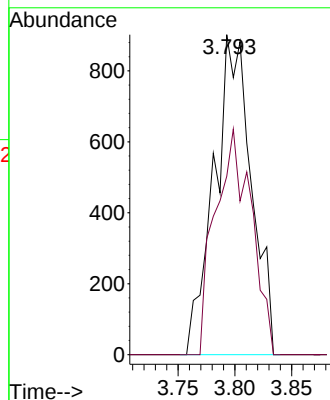
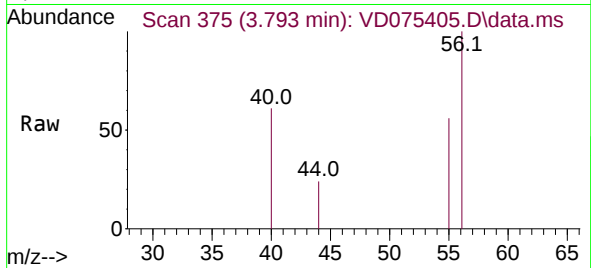




#13
Acrolein
Concen: 155.422 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

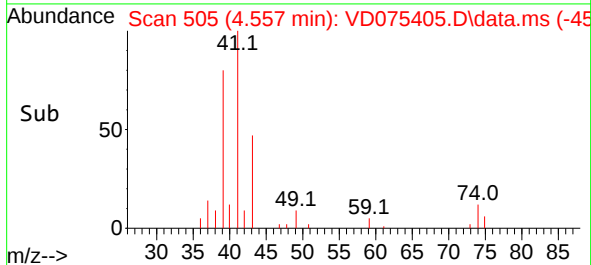
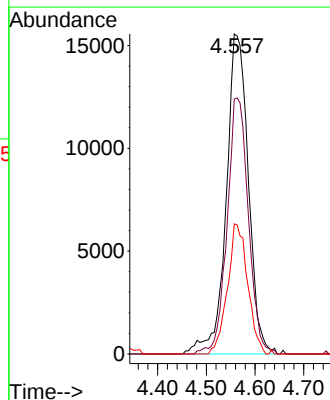
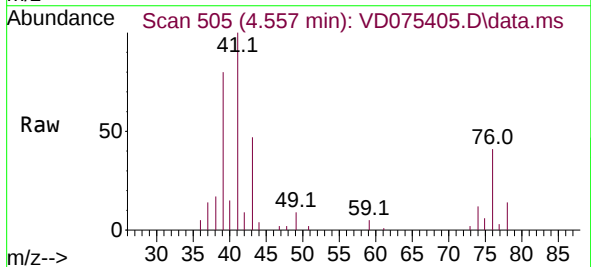
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

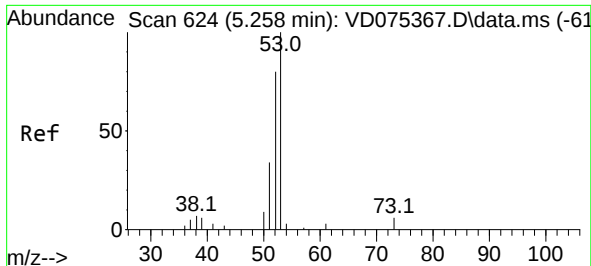
Tgt Ion: 56 Resp: 2055
Ion Ratio Lower Upper
56 100
55 68.2 53.9 80.9



#14
Allyl chloride
Concen: 51.996 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.007 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 41 Resp: 49218
Ion Ratio Lower Upper
41 100
39 76.8 60.6 90.8
76 36.9 28.6 43.0

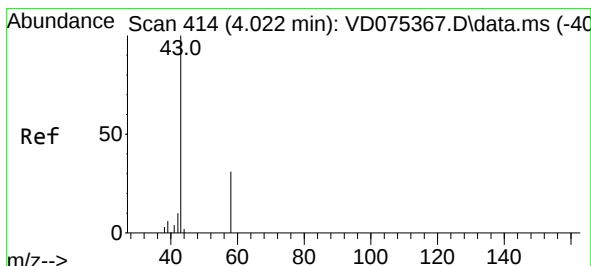
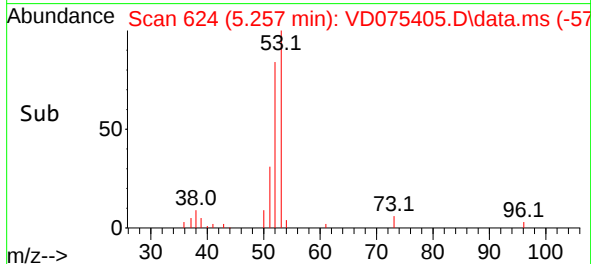
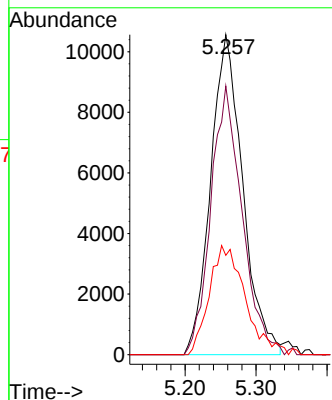
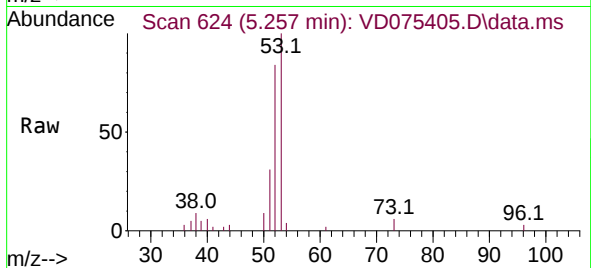




#15
Acrylonitrile
Concen: 261.587 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

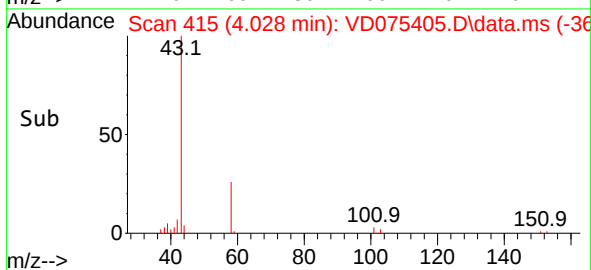
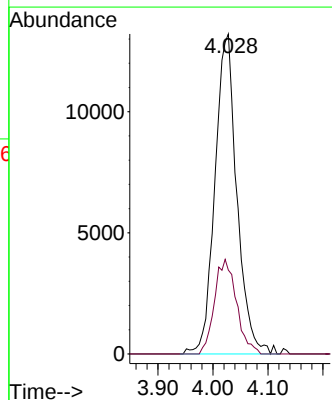
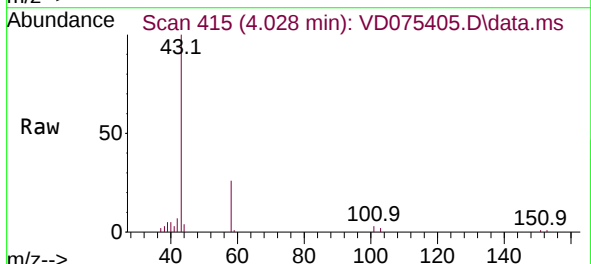
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

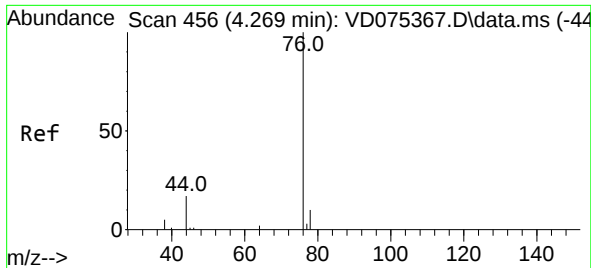
Tgt Ion: 53 Resp: 33128
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 38.2 30.7 46.1



#16
Acetone
Concen: 256.492 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 43 Resp: 36667
Ion Ratio Lower Upper
43 100
58 26.2 24.4 36.6

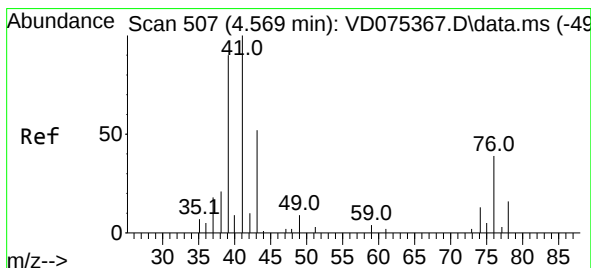
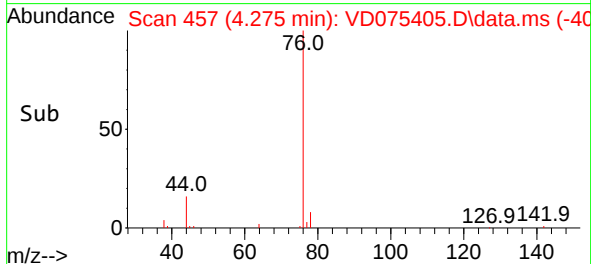
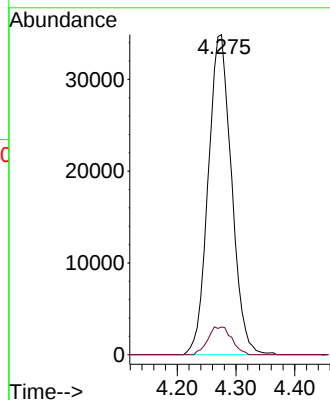
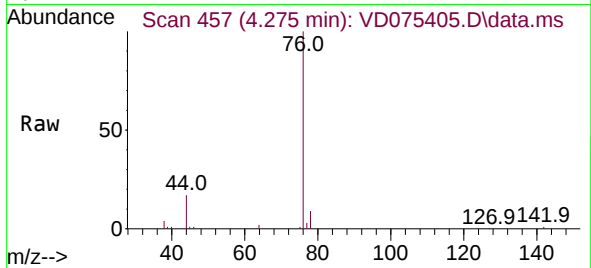




#17
Carbon Disulfide
Concen: 45.593 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

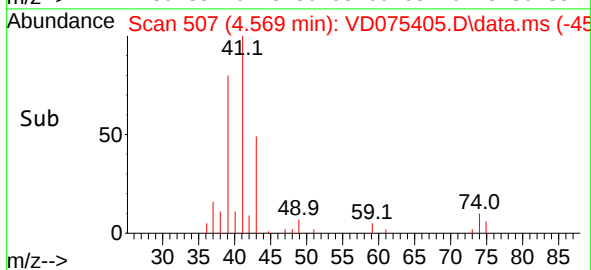
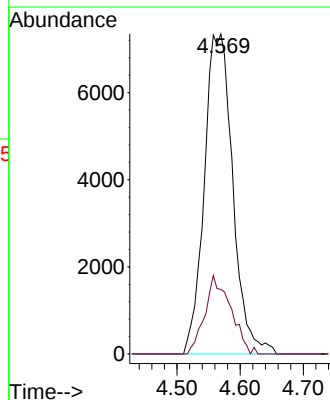
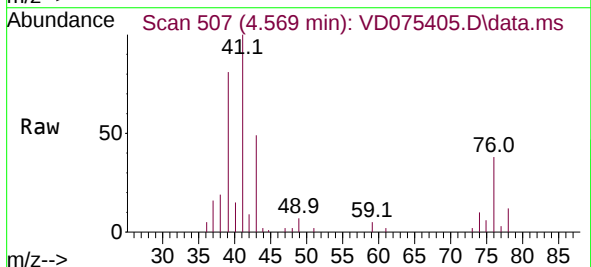
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

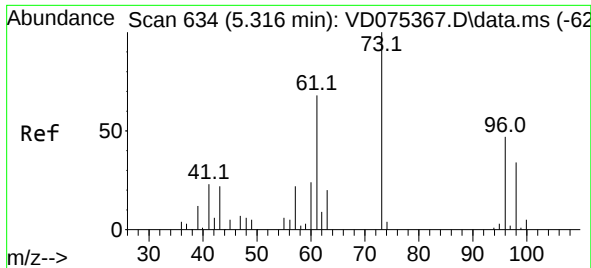
Tgt Ion: 76 Resp: 96122
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0



#18
Methyl Acetate
Concen: 51.363 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 43 Resp: 23009
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6

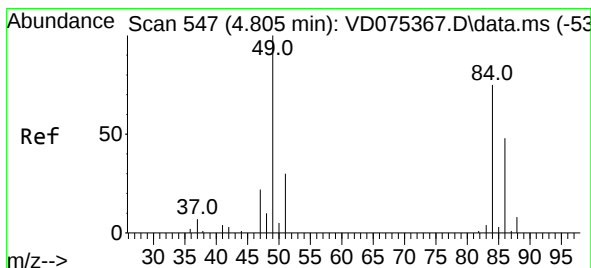
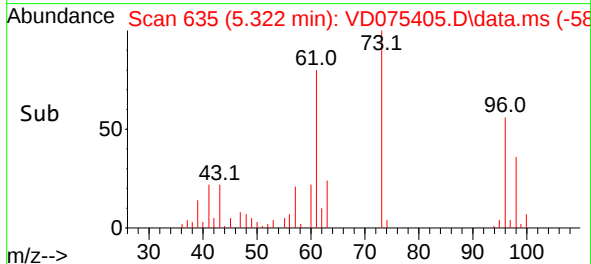
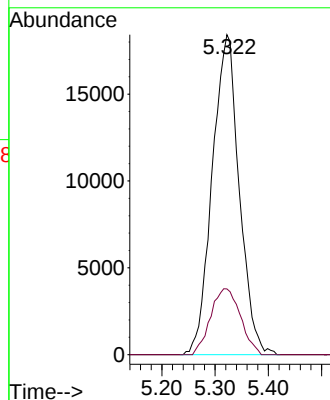
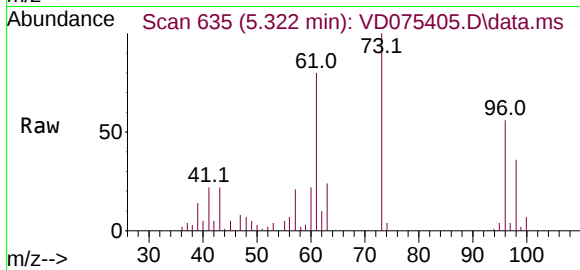




#19
Methyl tert-butyl Ether
Concen: 53.506 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

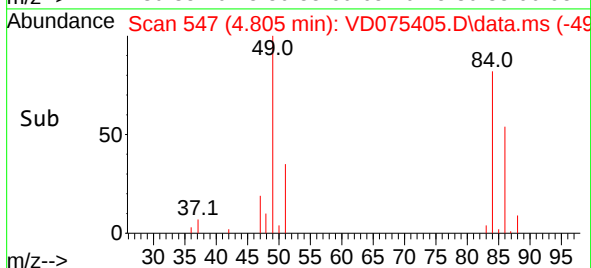
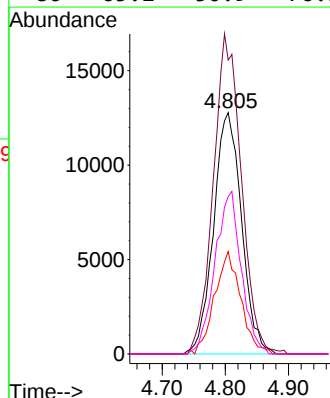
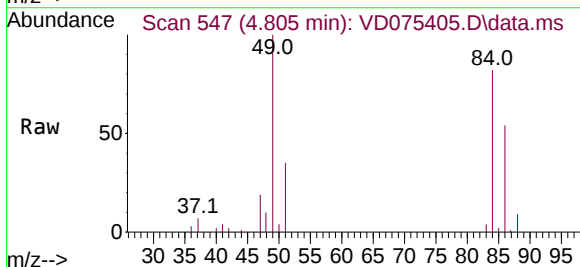
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

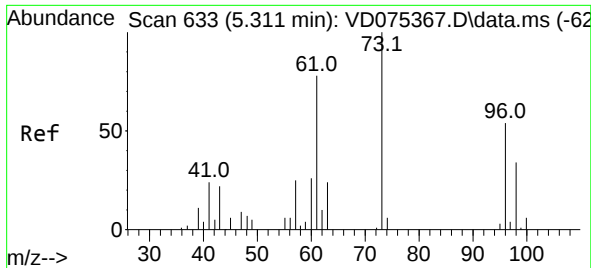
Tgt Ion: 73 Resp: 64845
Ion Ratio Lower Upper
73 100
57 20.5 17.2 25.8



#20
Methylene Chloride
Concen: 58.203 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 84 Resp: 39302
Ion Ratio Lower Upper
84 100
49 121.8 106.4 159.6
51 42.4 32.4 48.6
86 65.2 50.9 76.3

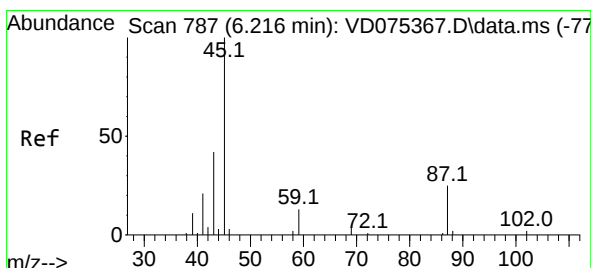
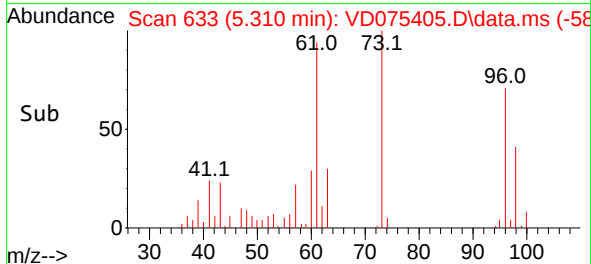
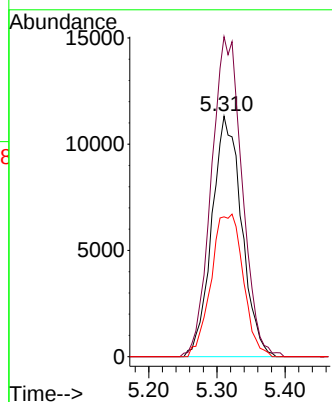
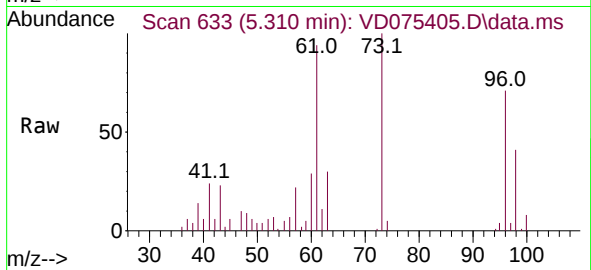




#21
trans-1,2-Dichloroethene
Concen: 51.482 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

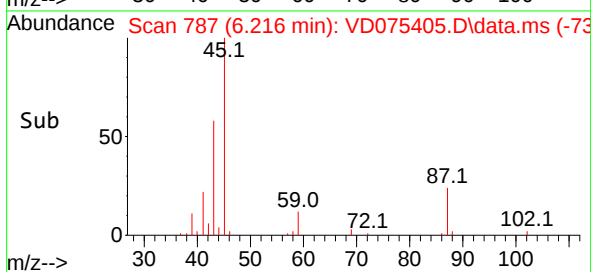
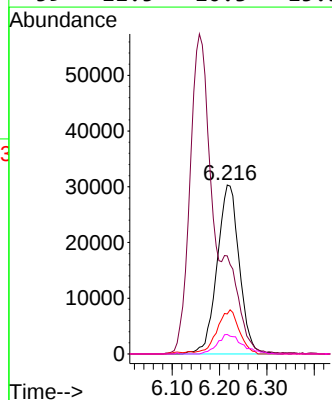
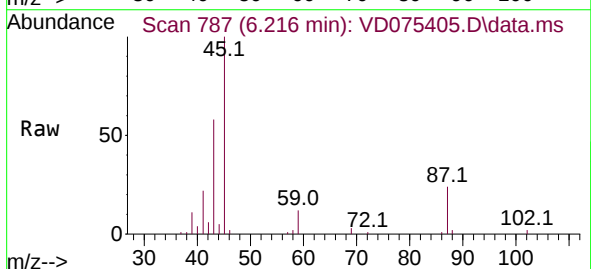
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

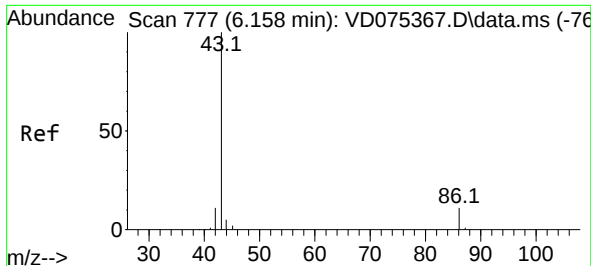
Tgt Ion: 96 Resp: 34447
Ion Ratio Lower Upper
96 100
61 133.1 117.2 175.8
98 58.2 50.6 76.0



#22
Diisopropyl ether
Concen: 54.542 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 45 Resp: 98617
Ion Ratio Lower Upper
45 100
43 57.5 44.4 66.6
87 23.7 20.9 31.3
59 11.5 10.3 15.5

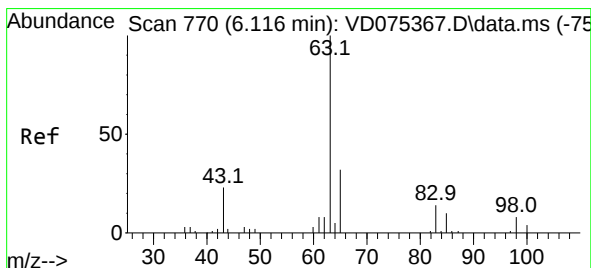
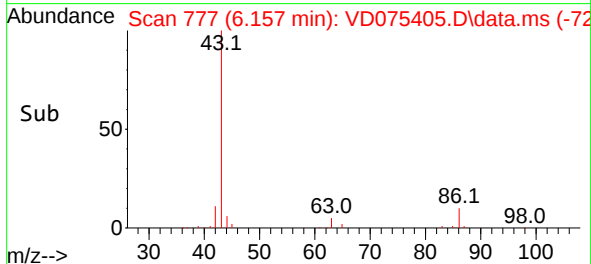
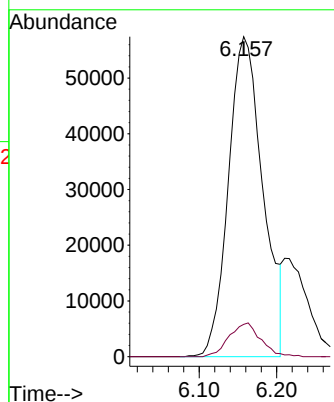
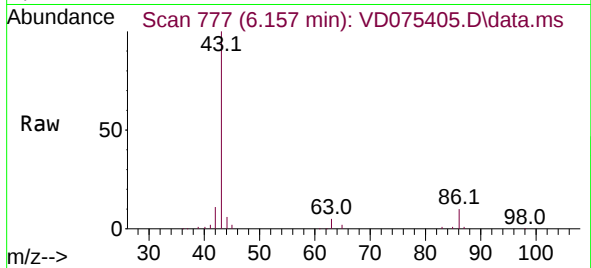




#23
 Vinyl Acetate
 Concen: 295.771 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: VD075405.D
 Acq: 22 Feb 2023 18:10

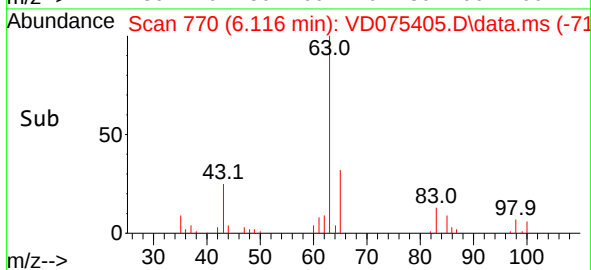
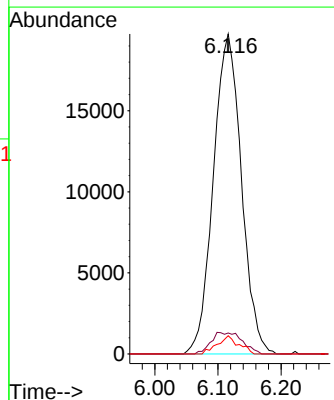
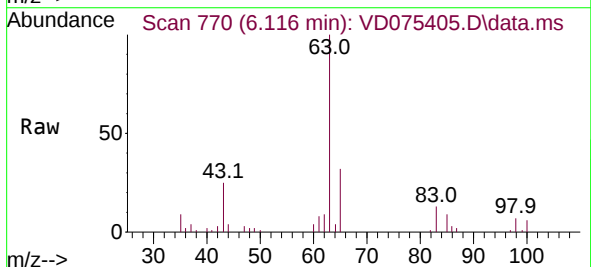
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

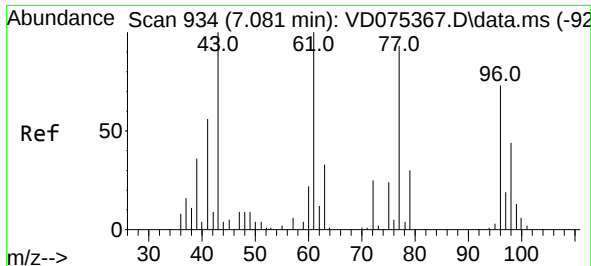
Tgt Ion: 43 Resp: 178000
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 51.225 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075405.D
 Acq: 22 Feb 2023 18:10

Tgt Ion: 63 Resp: 60822
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 5.7 2.0 6.0

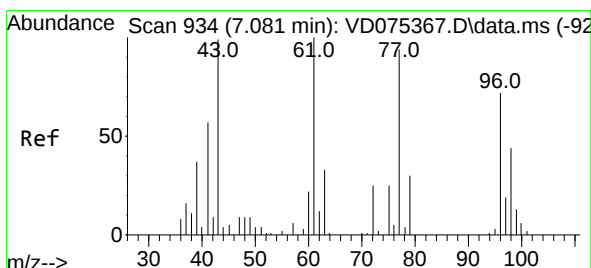
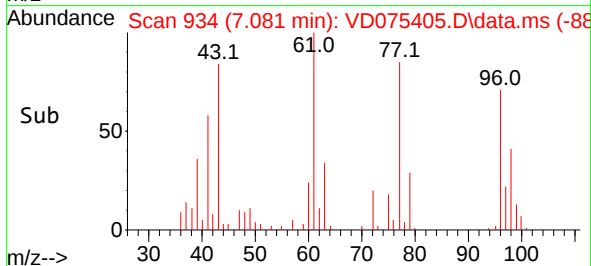
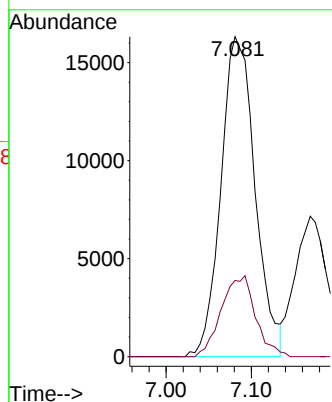
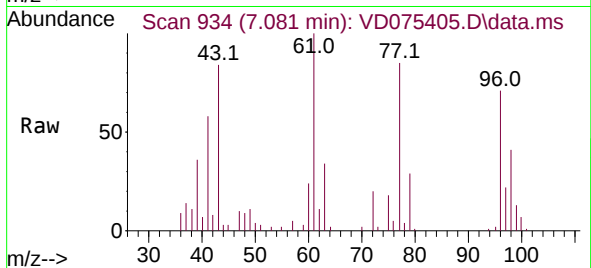




#25
2-Butanone
Concen: 255.253 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

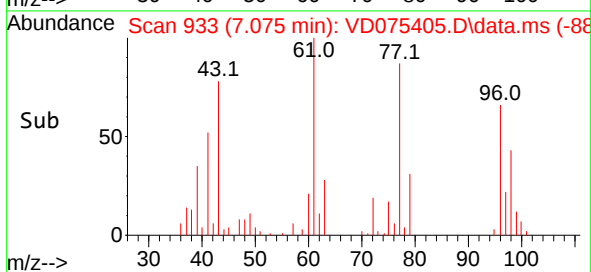
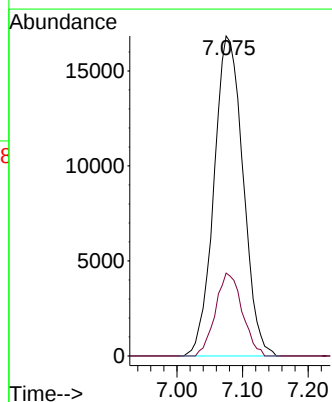
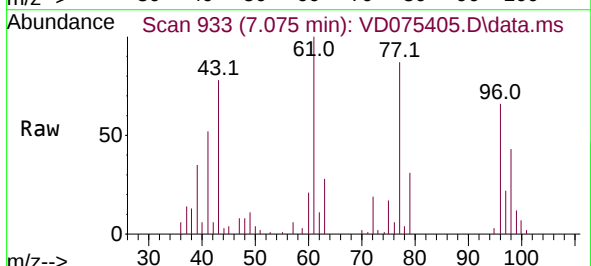
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

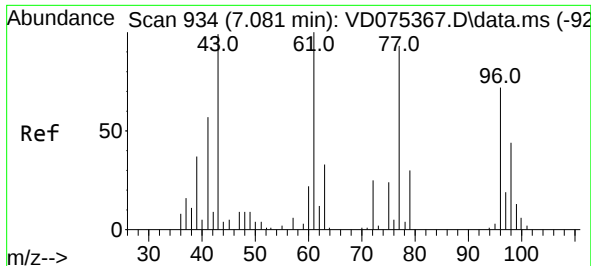
Tgt Ion: 43 Resp: 45505
Ion Ratio Lower Upper
43 100
72 23.8 19.8 29.8



#26
2,2-Dichloropropane
Concen: 50.195 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 77 Resp: 51835
Ion Ratio Lower Upper
77 100
97 23.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 52.767 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

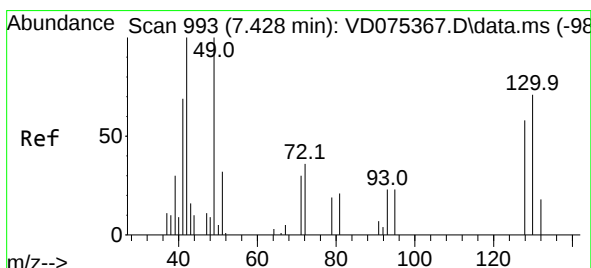
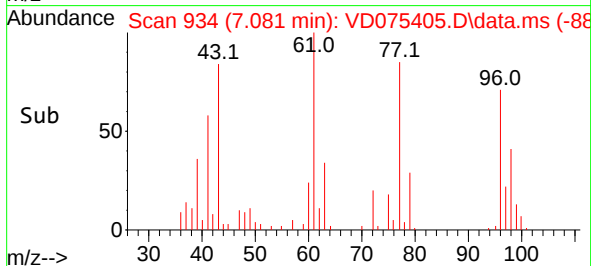
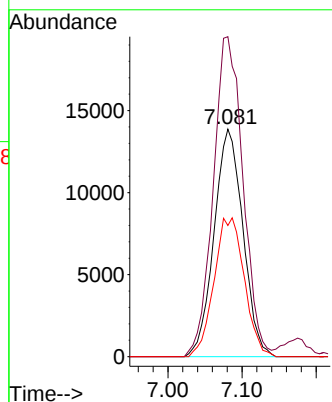
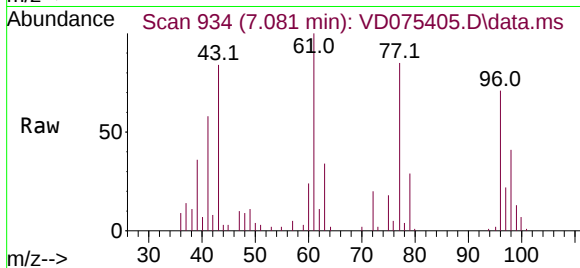
Tgt Ion: 96 Resp: 37559

Ion Ratio Lower Upper

96 100

61 144.8 0.0 295.2

98 64.1 0.0 129.2



#28

Bromochloromethane

Concen: 51.214 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

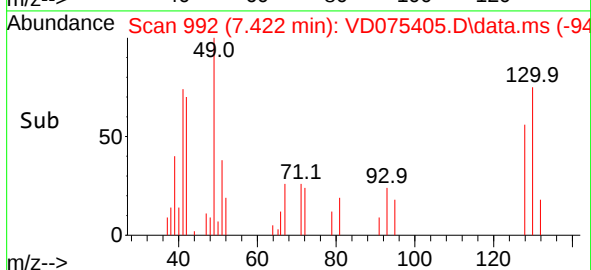
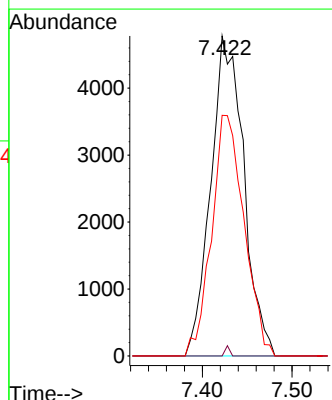
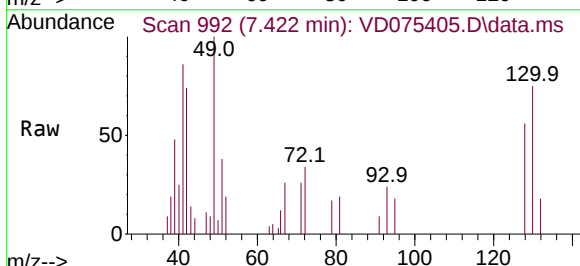
Tgt Ion: 49 Resp: 12194

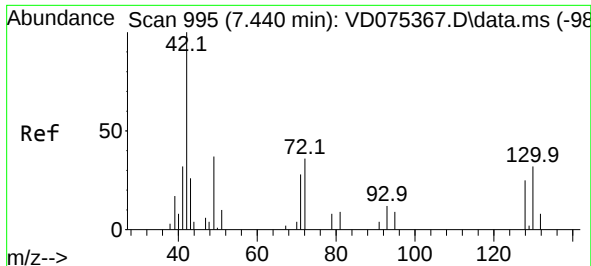
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.2

130 74.1 56.0 84.0





#29

Tetrahydrofuran

Concen: 261.464 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

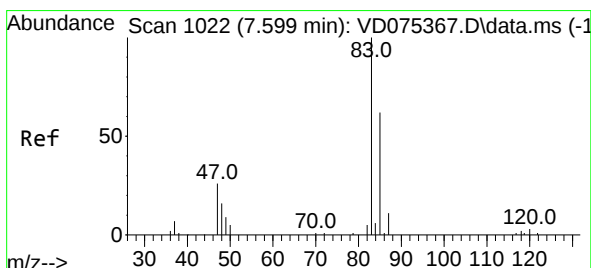
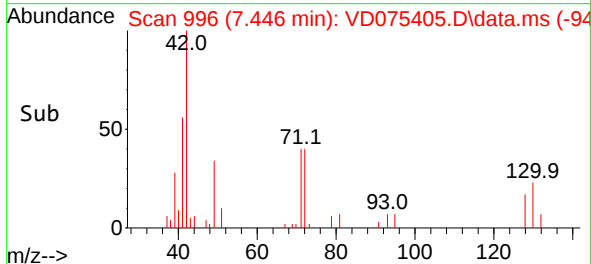
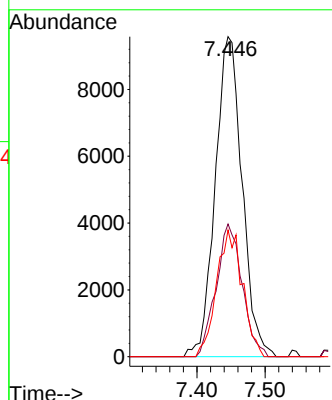
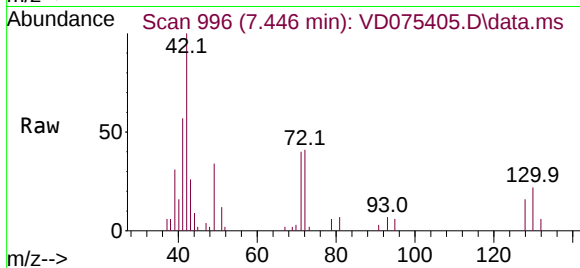
Tgt Ion: 42 Resp: 26290

Ion Ratio Lower Upper

42 100

72 40.1 31.8 47.6

71 38.2 27.6 41.4



#30

Chloroform

Concen: 52.721 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.001 min

Lab File: VD075405.D

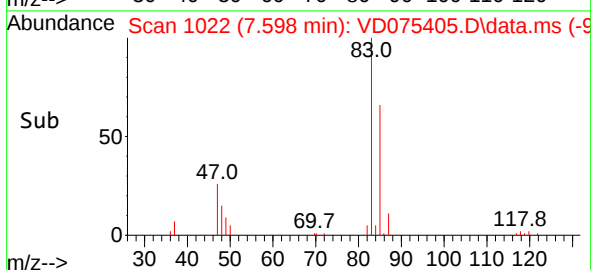
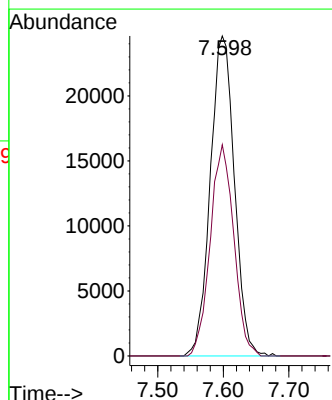
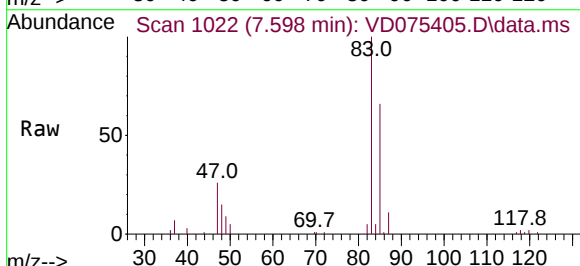
Acq: 22 Feb 2023 18:10

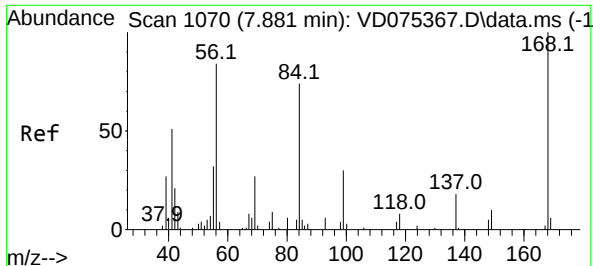
Tgt Ion: 83 Resp: 62863

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2





#31

Cyclohexane

Concen: 46.122 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

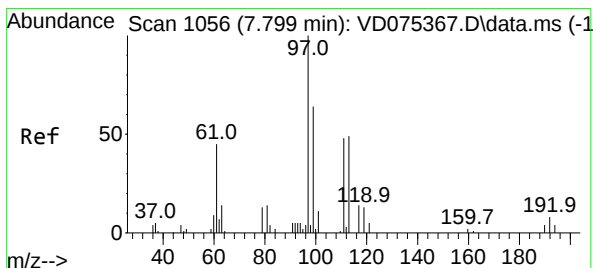
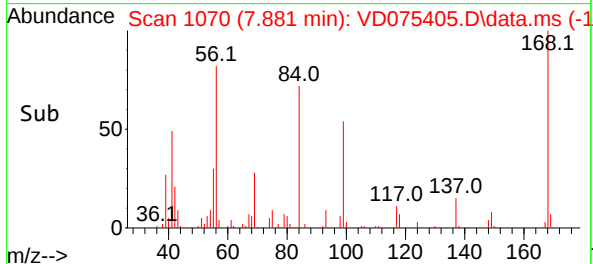
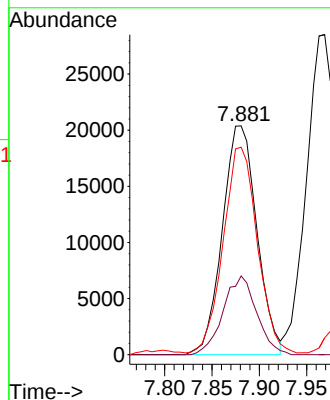
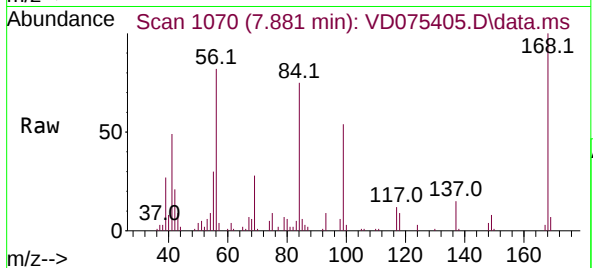
Tgt Ion: 56 Resp: 51705

Ion Ratio Lower Upper

56 100

69 34.4 25.5 38.3

84 89.6 69.6 104.4



#32

1,1,1-Trichloroethane

Concen: 50.446 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.001 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

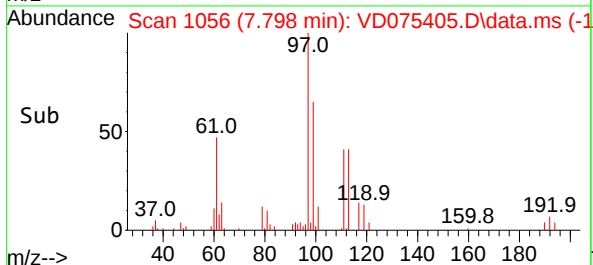
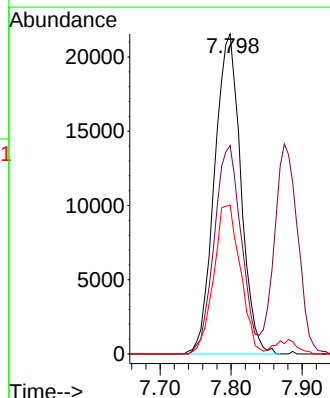
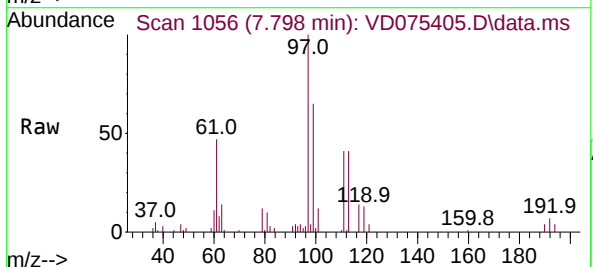
Tgt Ion: 97 Resp: 55368

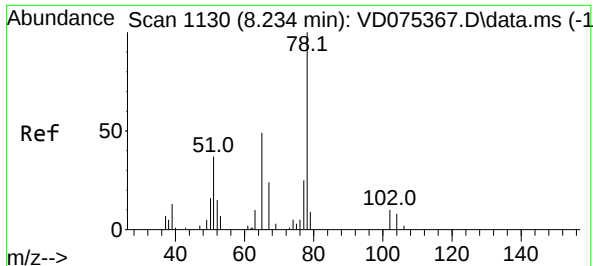
Ion Ratio Lower Upper

97 100

99 67.0 50.5 75.7

61 47.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.789 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

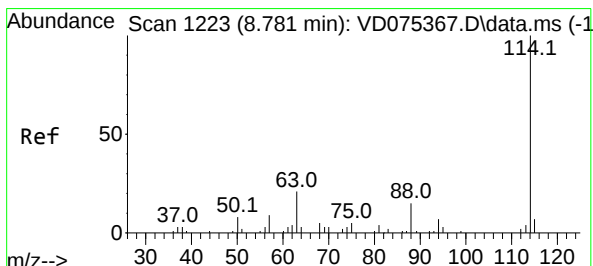
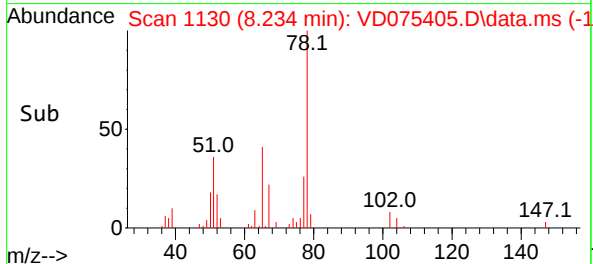
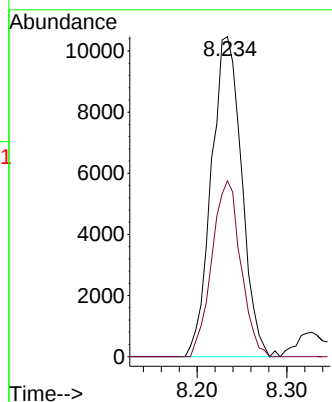
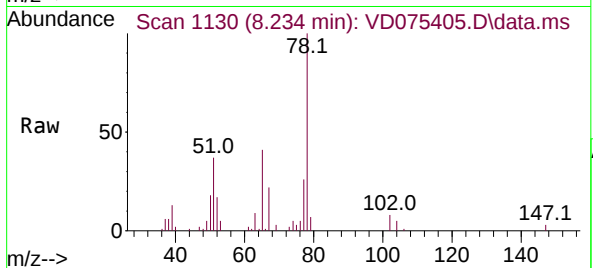
VSTDCCC050EC

Tgt Ion: 65 Resp: 24577

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

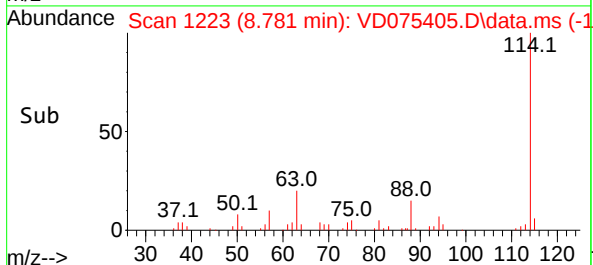
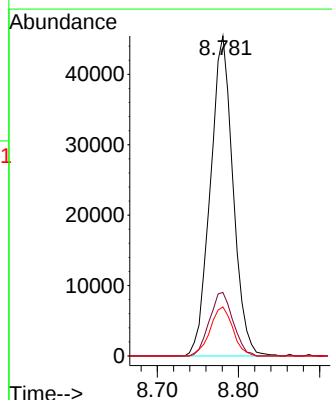
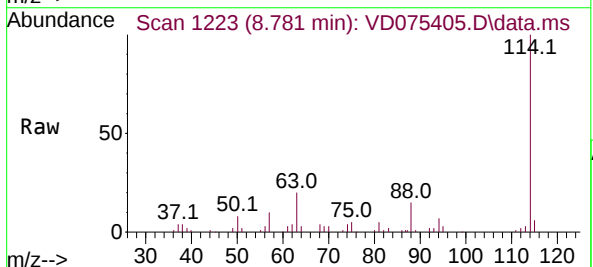
Tgt Ion: 114 Resp: 88171

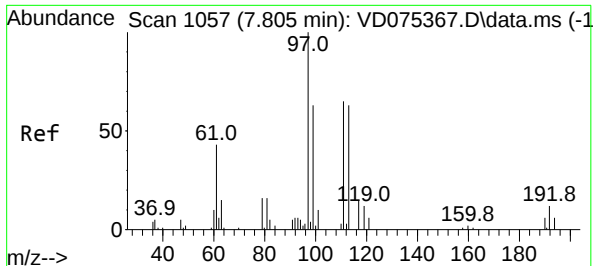
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.259 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

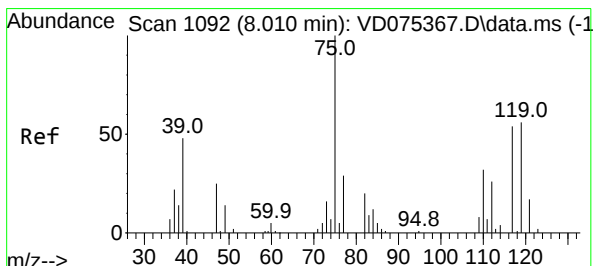
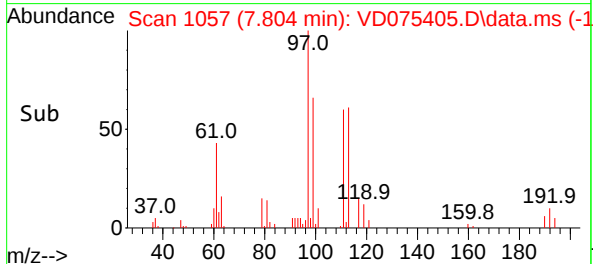
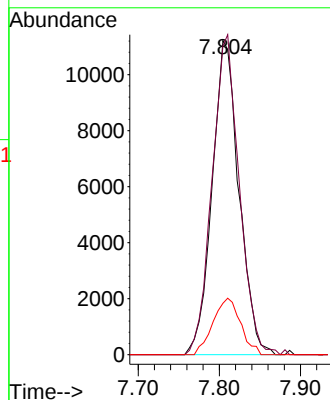
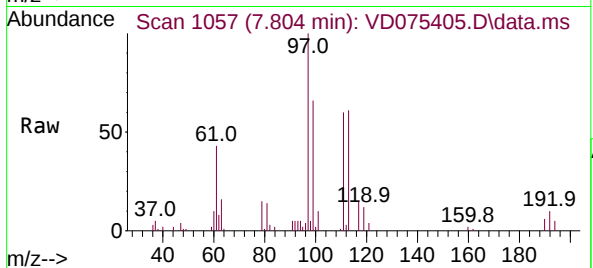
Tgt Ion:113 Resp: 25783

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.437 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

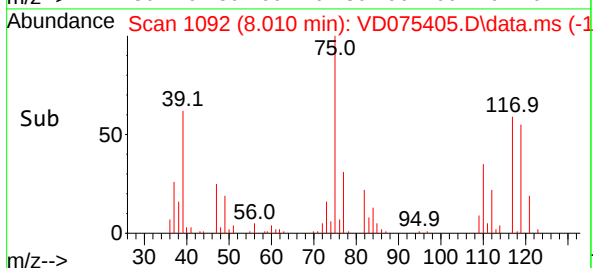
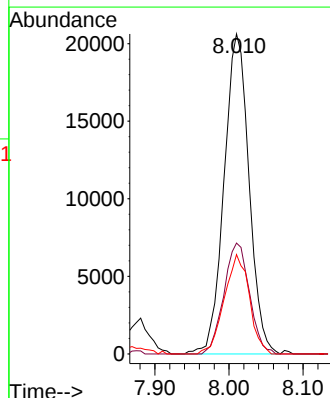
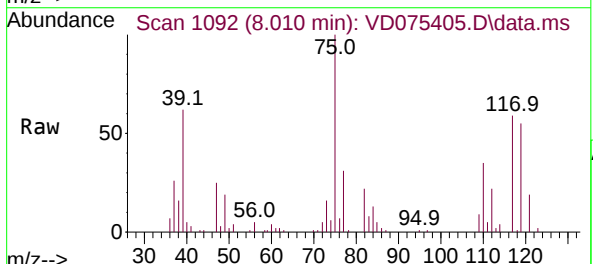
Tgt Ion: 75 Resp: 48256

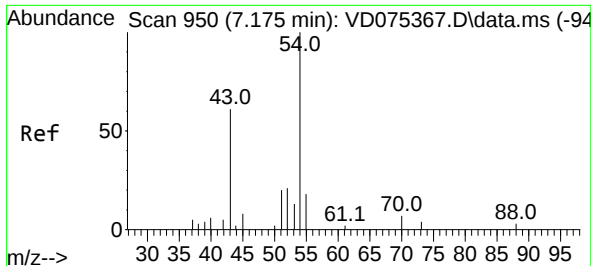
Ion Ratio Lower Upper

75 100

110 35.4 17.1 51.2

77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 54.598 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

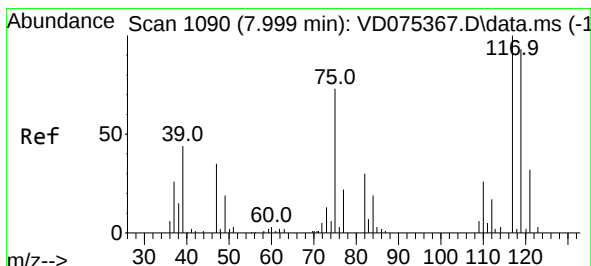
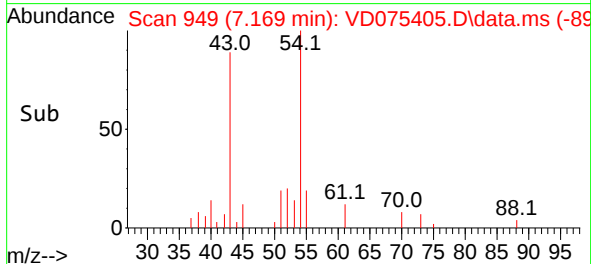
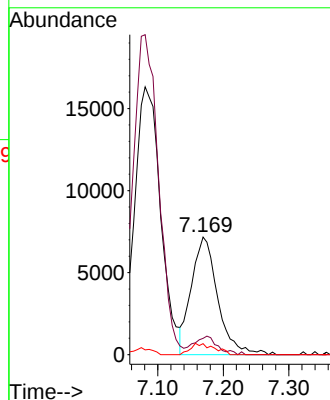
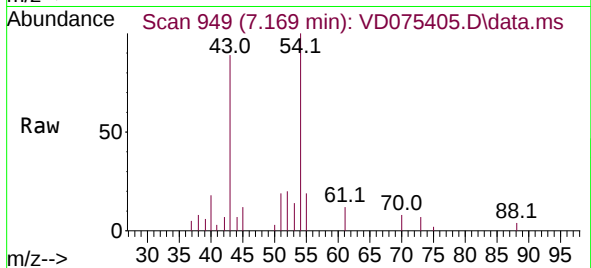
Tgt Ion: 43 Resp: 20046

Ion Ratio Lower Upper

43 100

61 14.3 0.0 0.0#

70 8.6 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 51.217 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

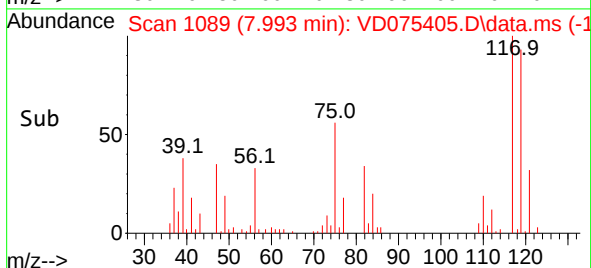
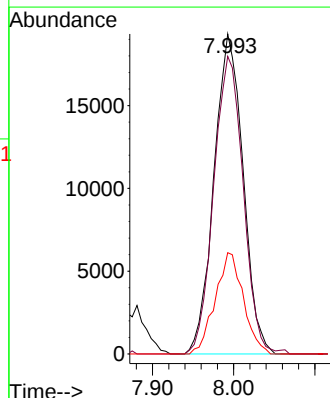
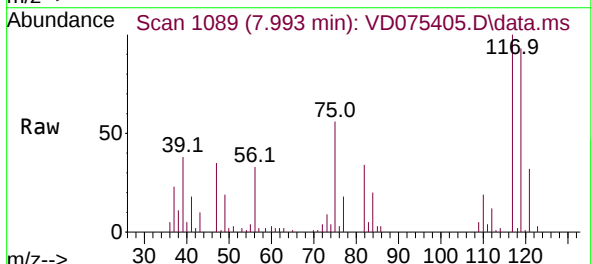
Tgt Ion: 117 Resp: 48143

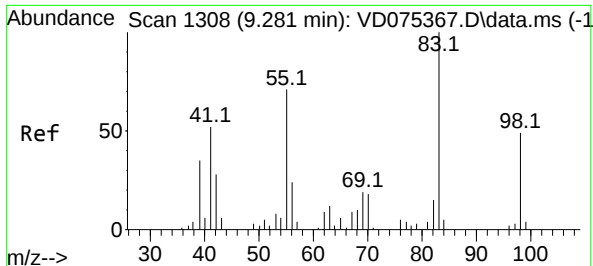
Ion Ratio Lower Upper

117 100

119 93.0 74.7 112.1

121 31.6 25.9 38.9





#39

Methylcyclohexane

Concen: 50.131 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

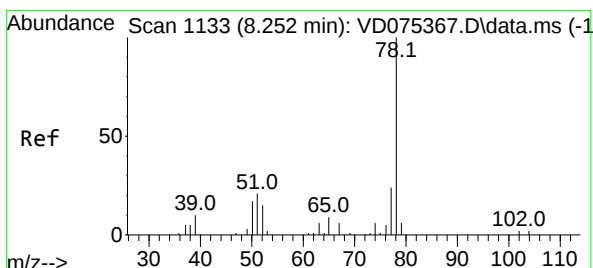
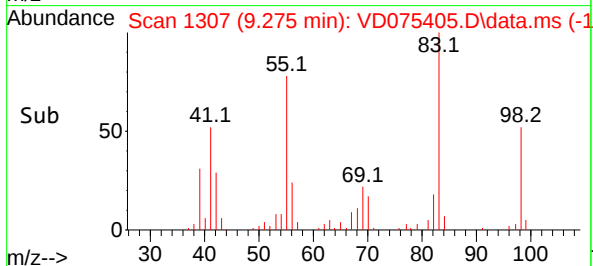
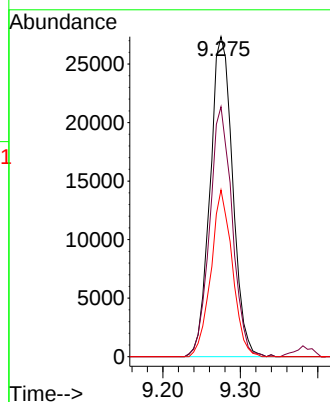
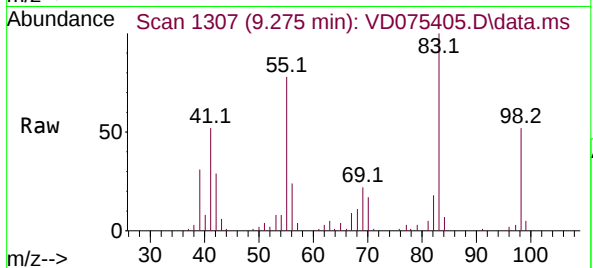
Tgt Ion: 83 Resp: 55433

Ion Ratio Lower Upper

83 100

55 78.1 56.8 85.2

98 52.1 38.9 58.3



#40

Benzene

Concen: 52.178 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075405.D

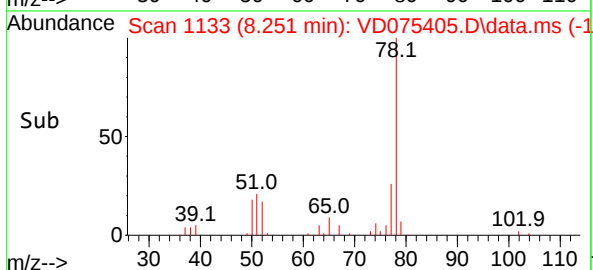
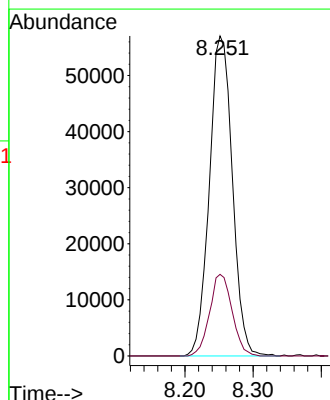
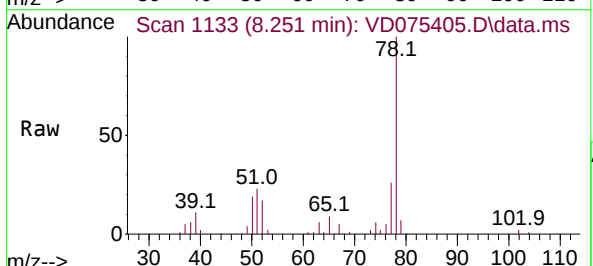
Acq: 22 Feb 2023 18:10

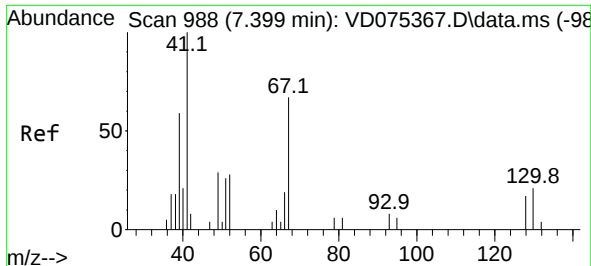
Tgt Ion: 78 Resp: 134001

Ion Ratio Lower Upper

78 100

77 25.5 19.1 28.7

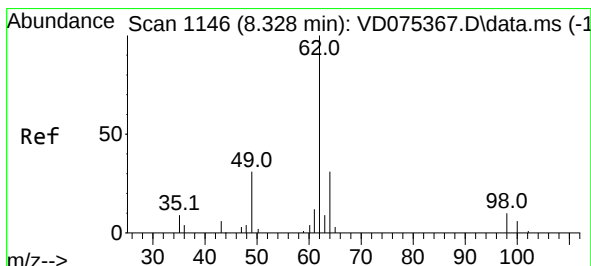
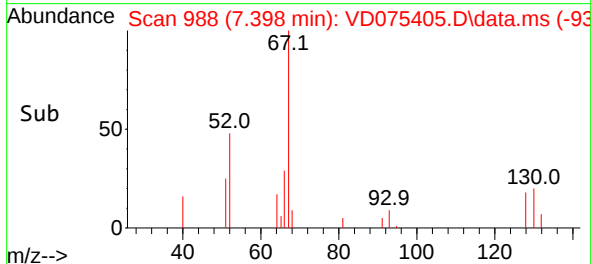
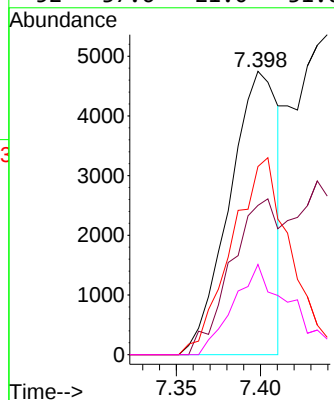
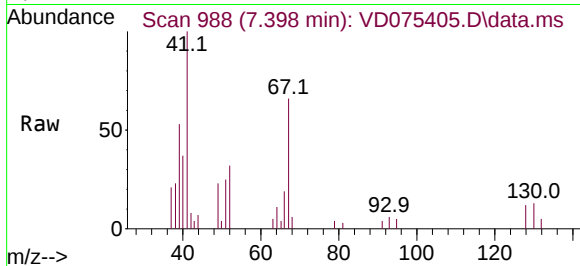




#41
Methacrylonitrile
Concen: 45.164 ug/l m
RT: 7.398 min Scan# 988
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

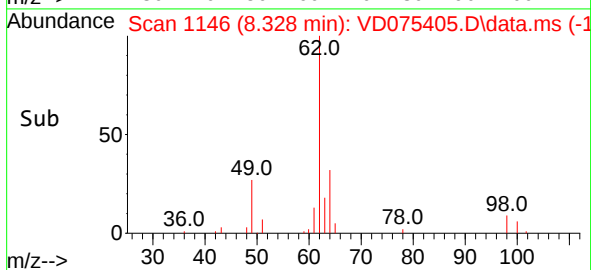
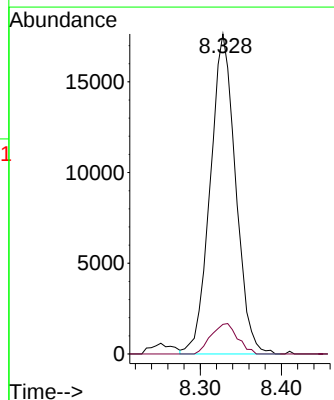
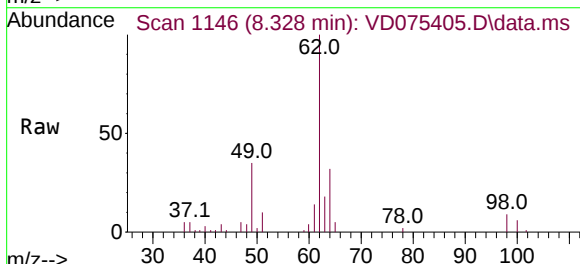
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

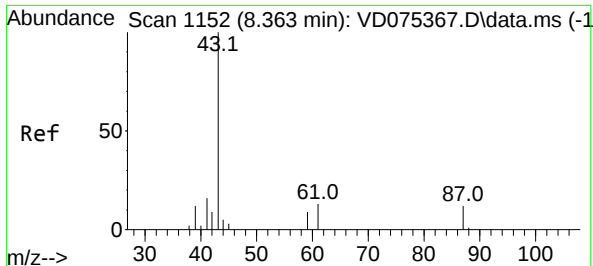
Tgt Ion: 41 Resp: 9510
Ion Ratio Lower Upper
41 100
39 53.1 45.3 67.9
67 84.9 50.5 75.7#
52 37.6 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 53.434 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 62 Resp: 38317
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.8





#43

Isopropyl Acetate

Concen: 55.348 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

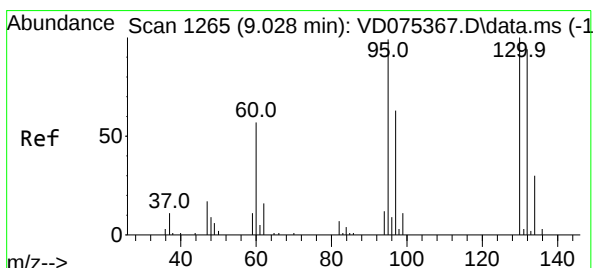
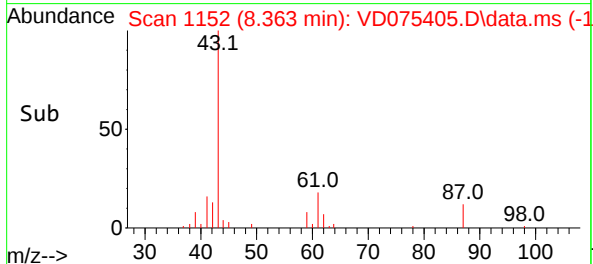
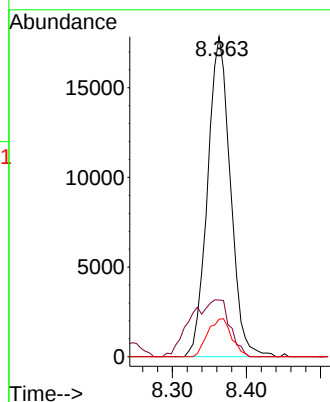
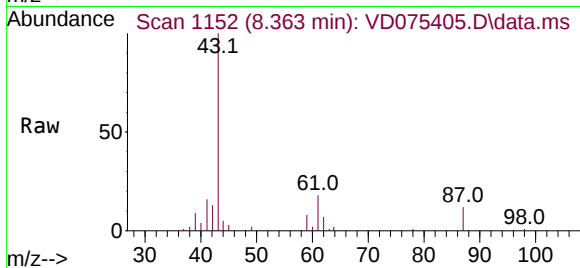
Tgt Ion: 43 Resp: 38182

Ion Ratio Lower Upper

43 100

61 30.6 23.4 35.0

87 12.4 9.5 14.3



#44

Trichloroethene

Concen: 50.769 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075405.D

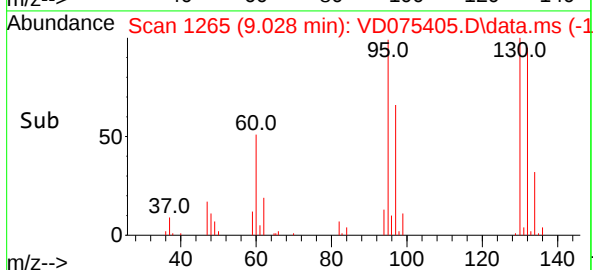
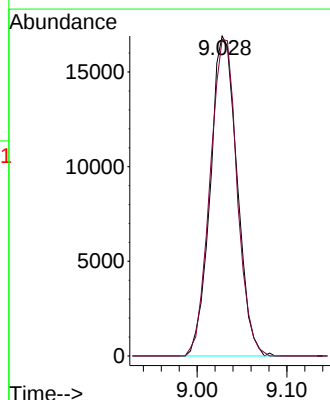
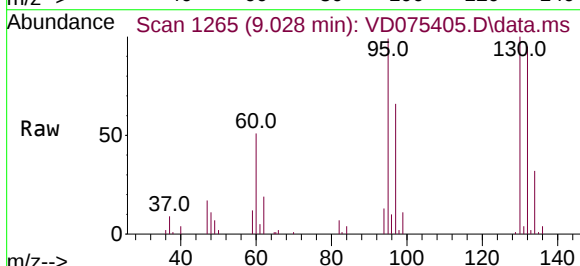
Acq: 22 Feb 2023 18:10

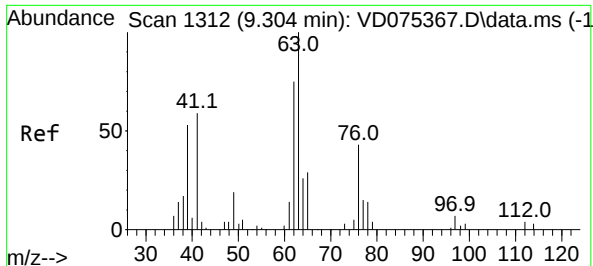
Tgt Ion: 130 Resp: 34929

Ion Ratio Lower Upper

130 100

95 98.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 53.732 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

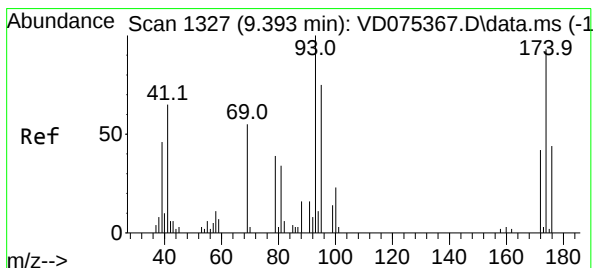
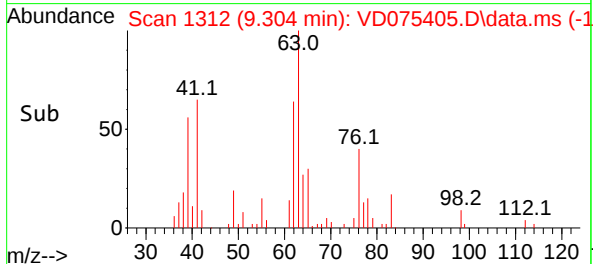
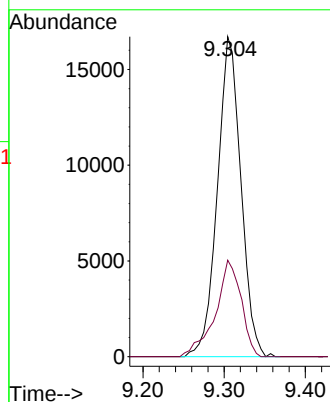
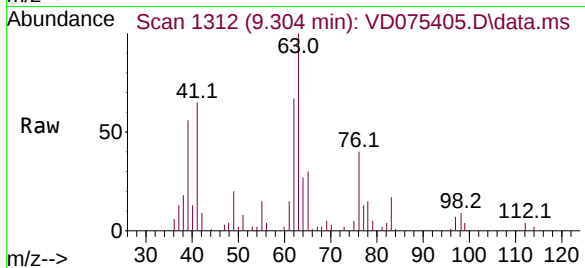
VSTDCCC050EC

Tgt Ion: 63 Resp: 33652

Ion Ratio Lower Upper

63 100

65 30.2 23.0 34.4



#46

Dibromomethane

Concen: 52.718 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

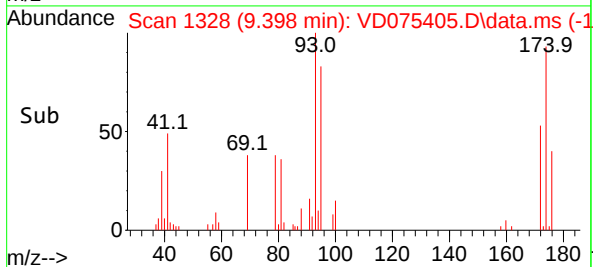
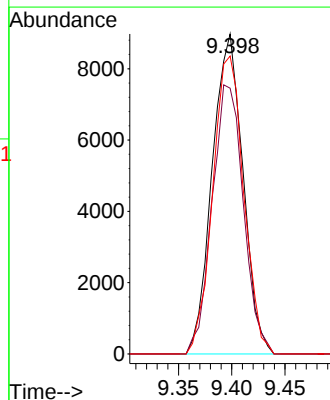
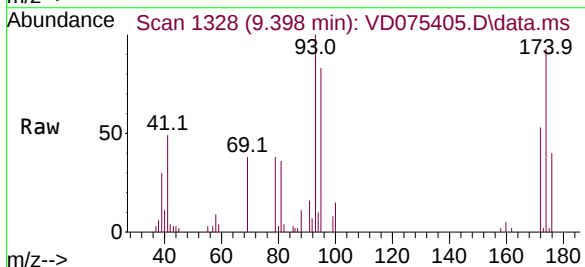
Tgt Ion: 93 Resp: 17978

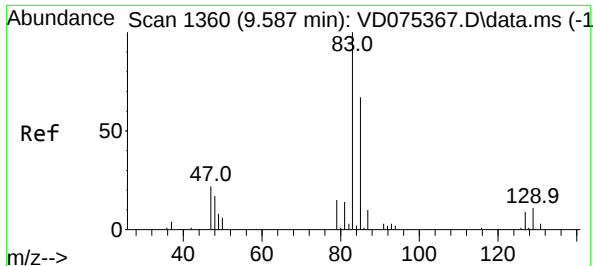
Ion Ratio Lower Upper

93 100

95 85.9 64.5 96.7

174 93.8 76.2 114.4





#47

Bromodichloromethane

Concen: 54.552 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

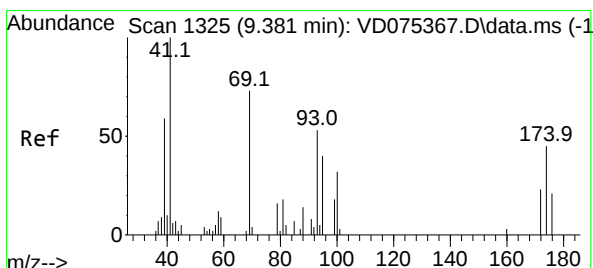
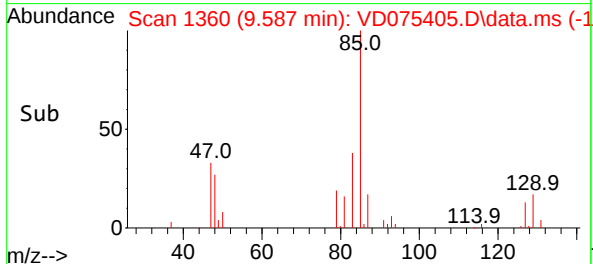
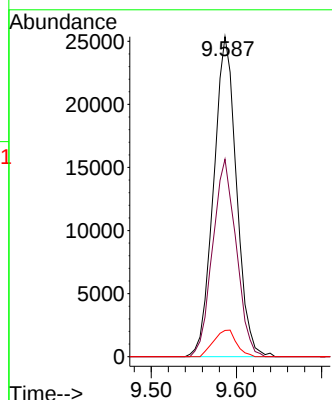
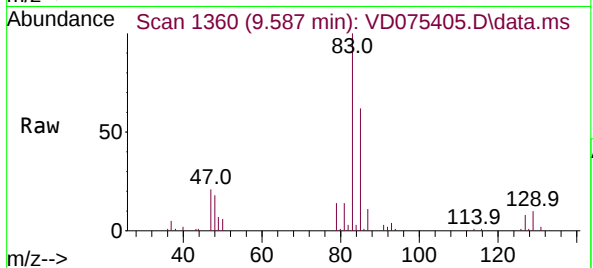
Tgt Ion: 83 Resp: 47340

Ion Ratio Lower Upper

83 100

85 61.7 53.7 80.5

127 8.2 7.0 10.6



#48

Methyl methacrylate

Concen: 55.673 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

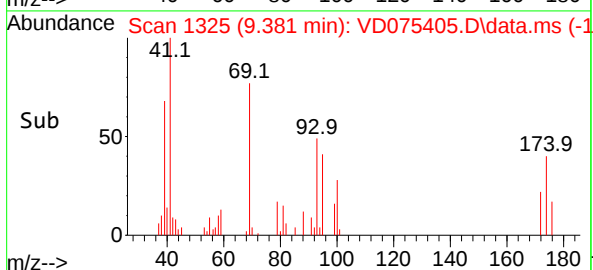
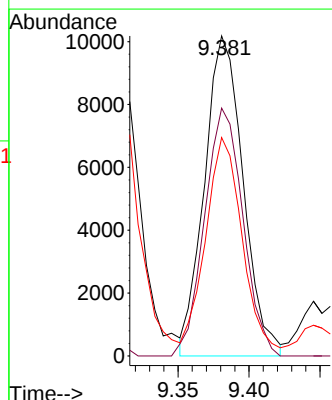
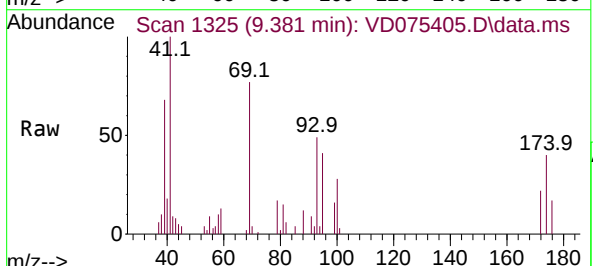
Tgt Ion: 41 Resp: 19307

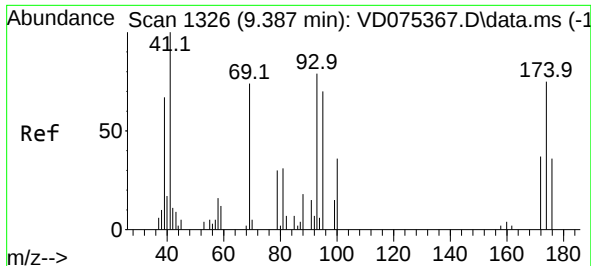
Ion Ratio Lower Upper

41 100

69 76.6 58.6 88.0

39 60.4 53.4 80.0





#49

1,4-Dioxane

Concen: 1035.188 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

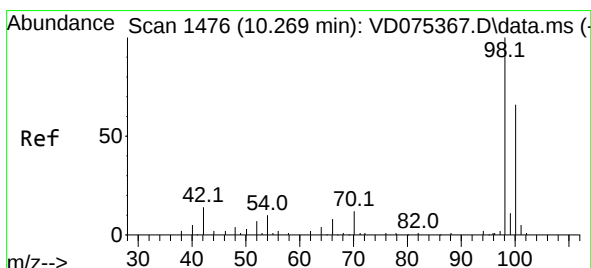
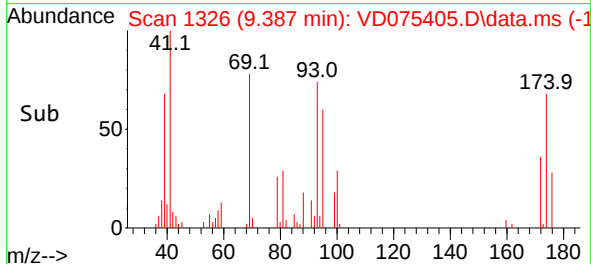
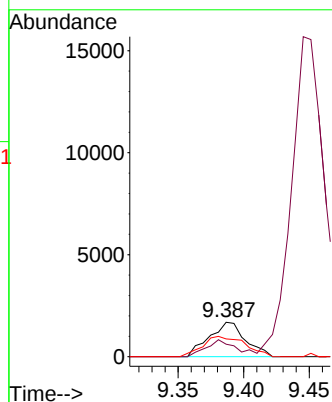
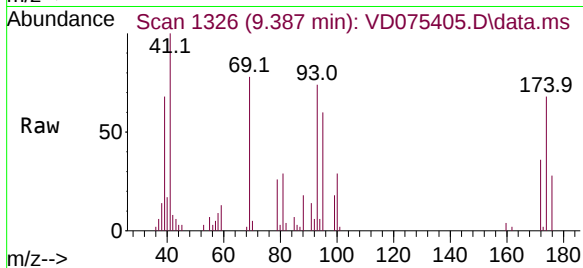
Tgt Ion: 88 Resp: 3234

Ion Ratio Lower Upper

88 100

43 41.7 34.6 51.8

58 69.4 58.0 87.0



#50

Toluene-d8

Concen: 45.601 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075405.D

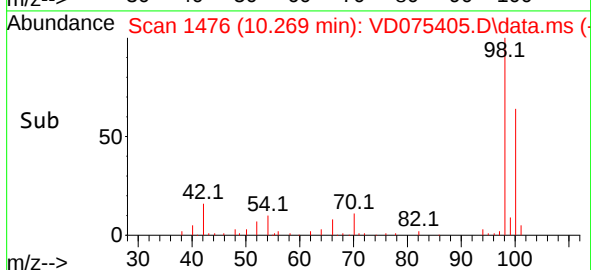
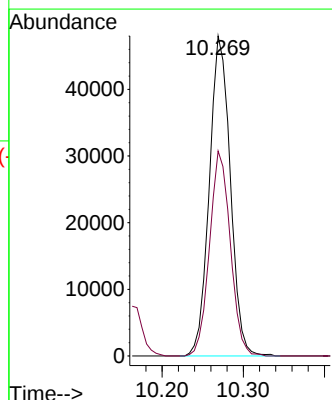
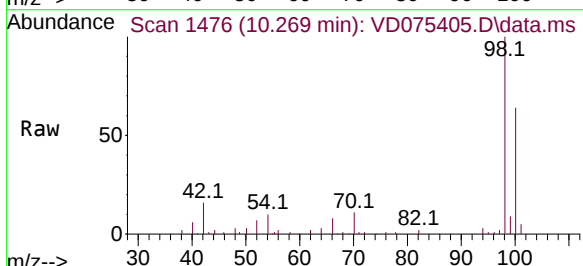
Acq: 22 Feb 2023 18:10

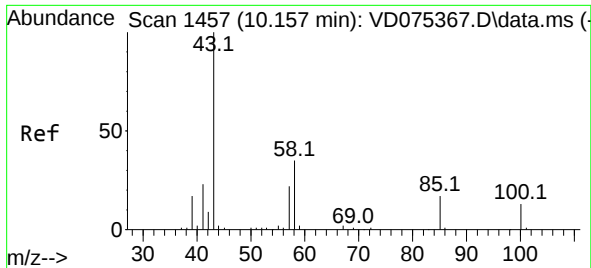
Tgt Ion: 98 Resp: 86140

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1

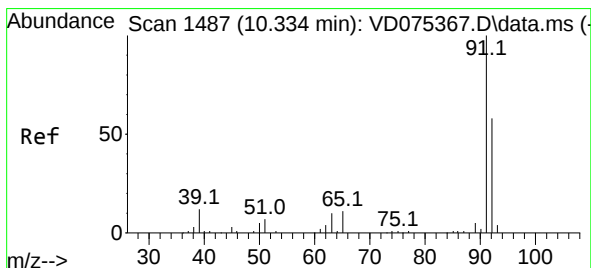
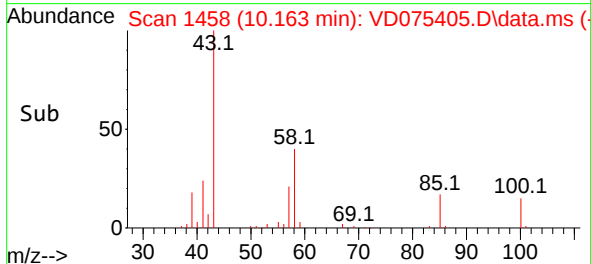
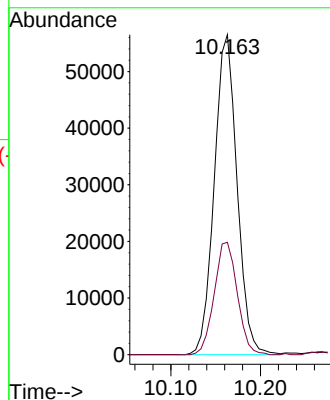
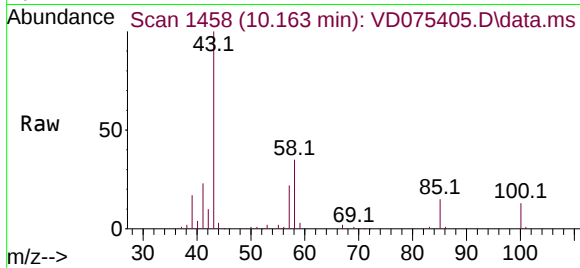




#51
4-Methyl-2-Pentanone
Concen: 285.121 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

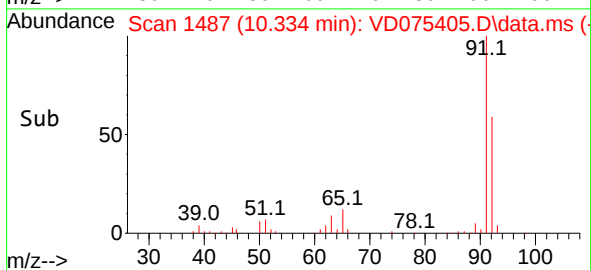
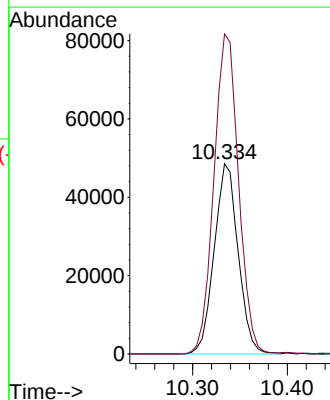
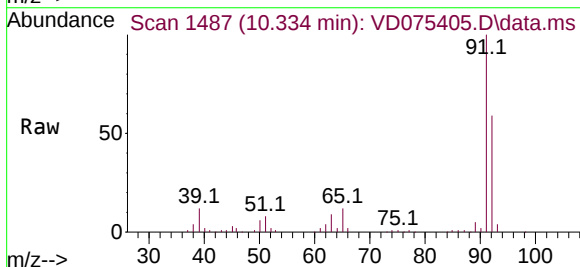
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

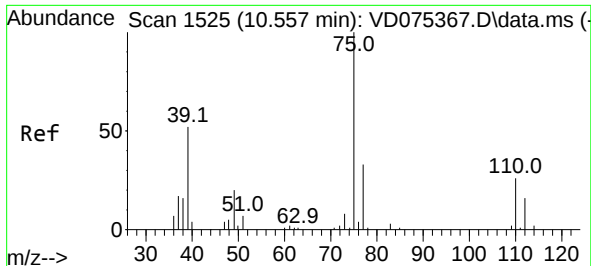
Tgt Ion: 43 Resp: 99614
Ion Ratio Lower Upper
43 100
58 35.6 29.5 44.3



#52
Toluene
Concen: 53.848 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 92 Resp: 85144
Ion Ratio Lower Upper
92 100
91 173.6 136.5 204.7

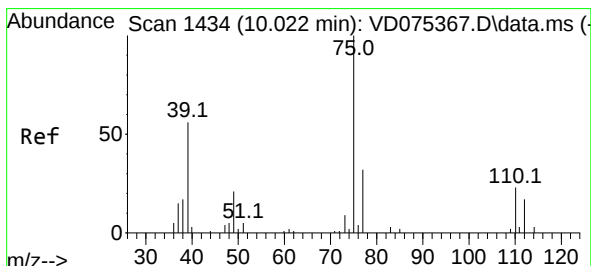
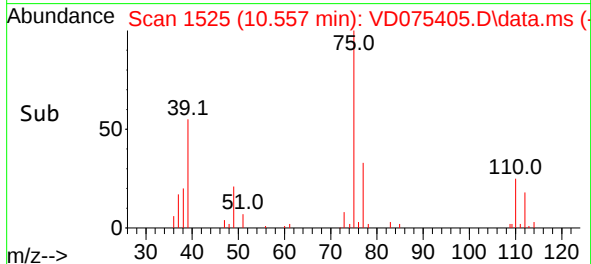
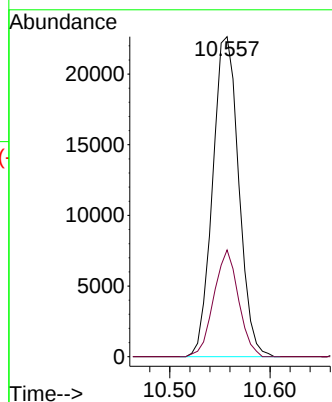
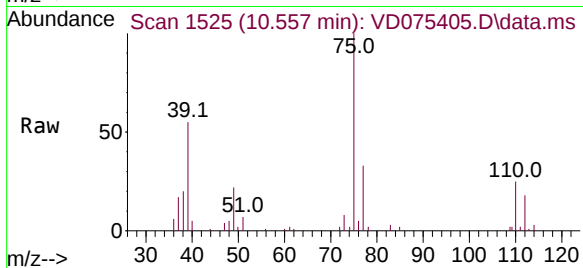




#53
t-1,3-Dichloropropene
Concen: 57.663 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

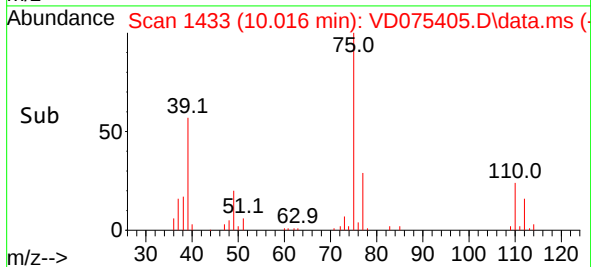
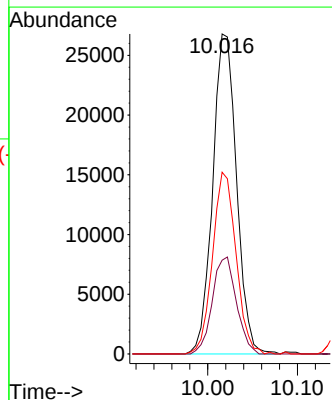
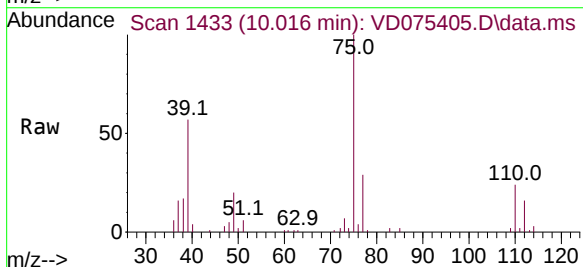
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

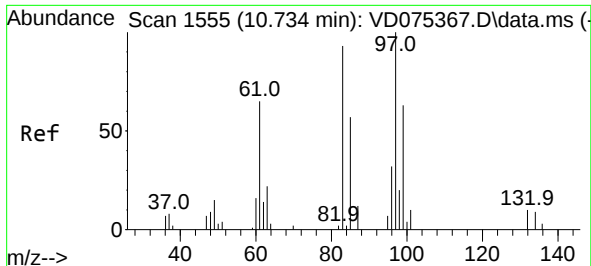
Tgt Ion: 75 Resp: 40967
Ion Ratio Lower Upper
75 100
77 33.4 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 57.352 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 75 Resp: 49399
Ion Ratio Lower Upper
75 100
77 29.3 25.6 38.4
39 56.8 44.8 67.2

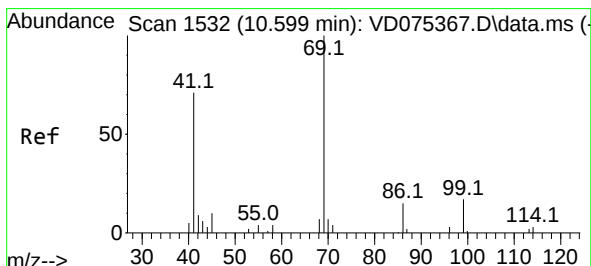
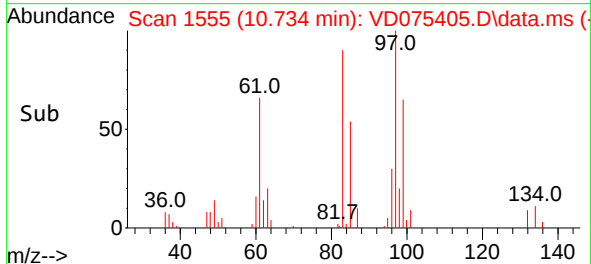
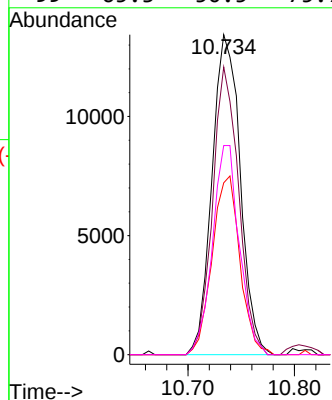
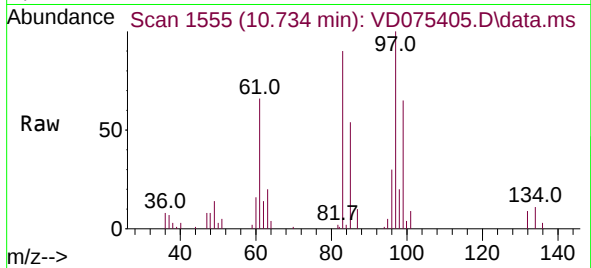




#55
1,1,2-Trichloroethane
Concen: 55.906 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

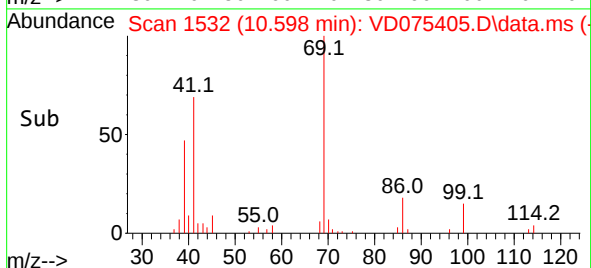
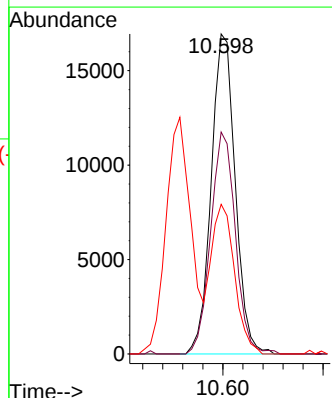
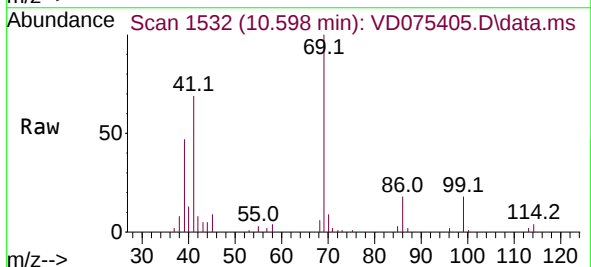
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

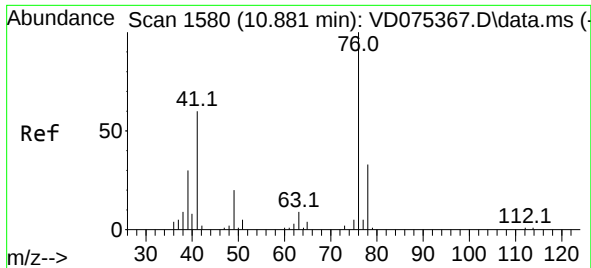
Tgt Ion:	97	Resp:	24699
Ion	Ratio	Lower	Upper
97	100		
83	89.9	74.2	111.4
85	53.7	45.4	68.0
99	65.3	50.5	75.7



#56
Ethyl methacrylate
Concen: 57.228 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion:	69	Resp:	28135
Ion	Ratio	Lower	Upper
69	100		
41	71.7	59.3	88.9
39	45.5	36.0	54.0





#57

1,3-Dichloropropane

Concen: 54.081 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

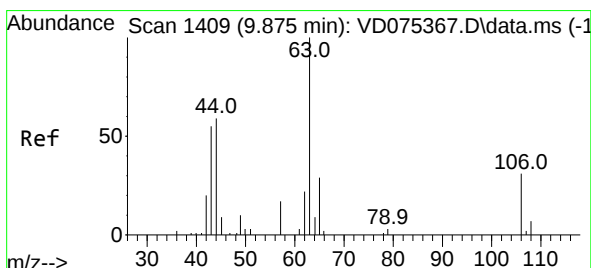
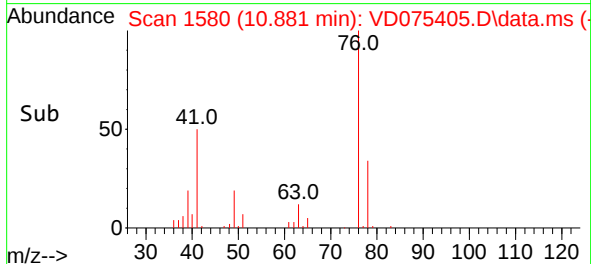
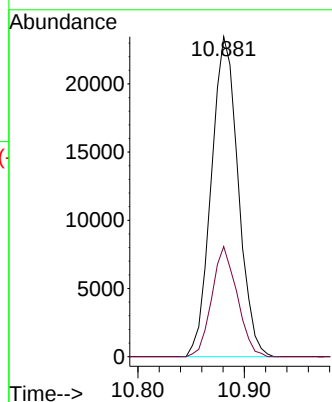
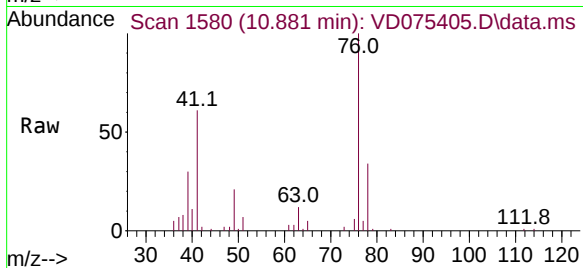
VSTDCCC050EC

Tgt Ion: 76 Resp: 41152

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 295.276 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. -0.000 min

Lab File: VD075405.D

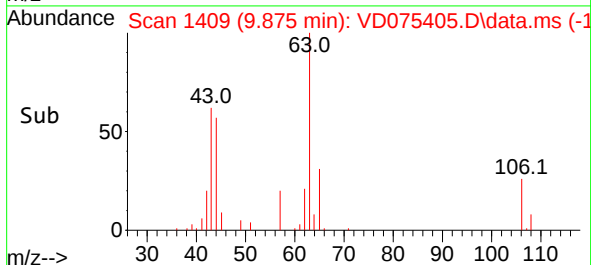
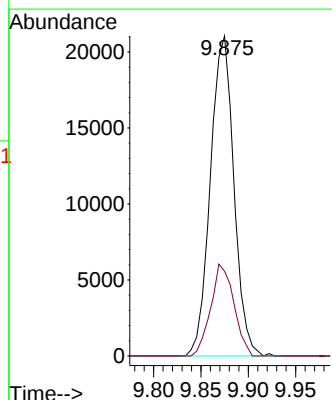
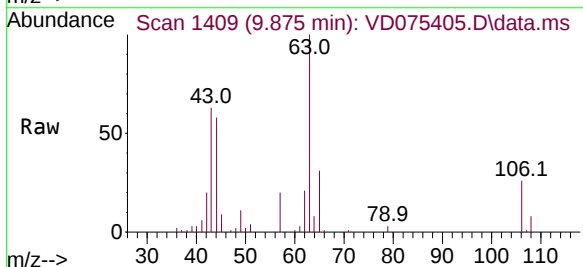
Acq: 22 Feb 2023 18:10

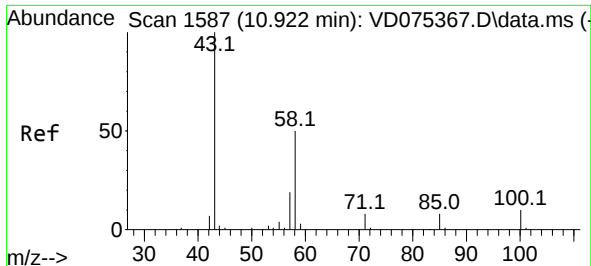
Tgt Ion: 63 Resp: 36299

Ion Ratio Lower Upper

63 100

106 28.2 21.4 32.2

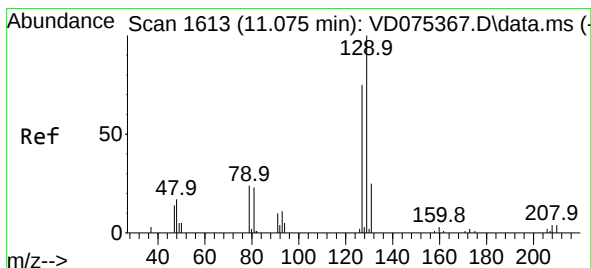
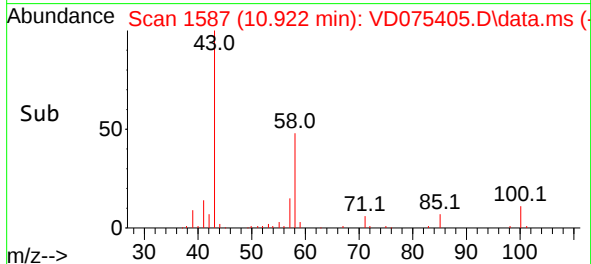
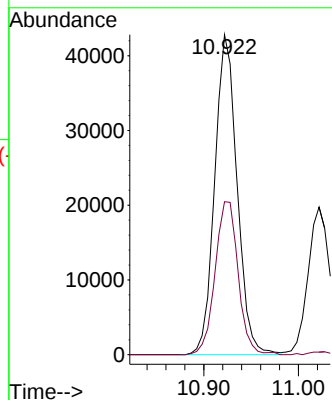
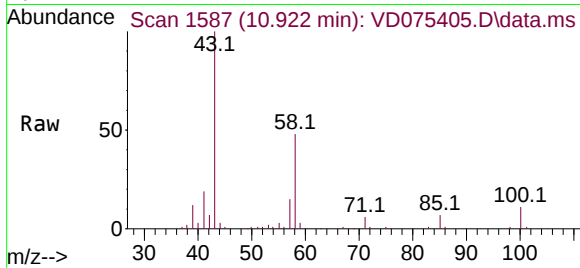




#59
2-Hexanone
Concen: 284.813 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

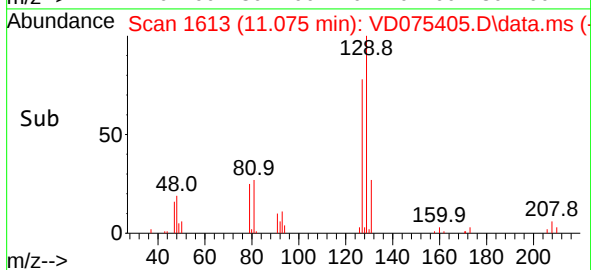
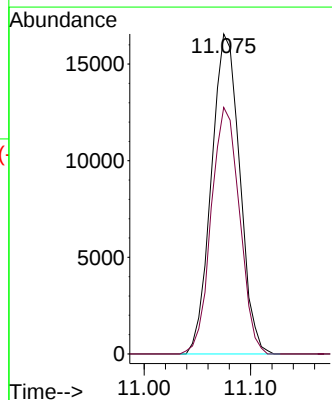
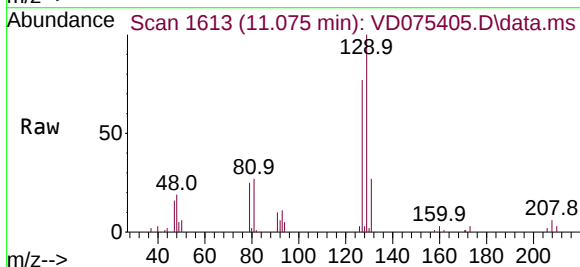
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

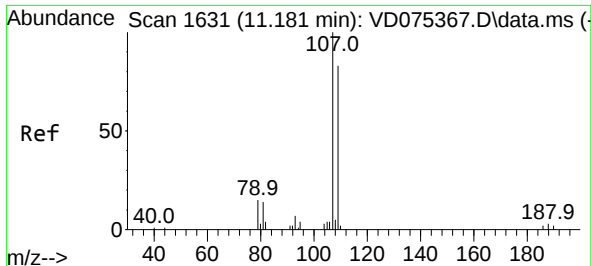
Tgt Ion: 43 Resp: 70217
Ion Ratio Lower Upper
43 100
58 49.4 25.3 75.8



#60
Dibromochloromethane
Concen: 54.192 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 129 Resp: 30610
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5

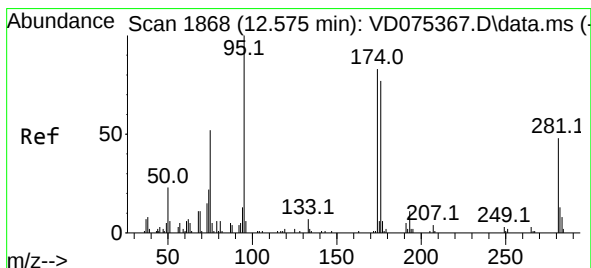
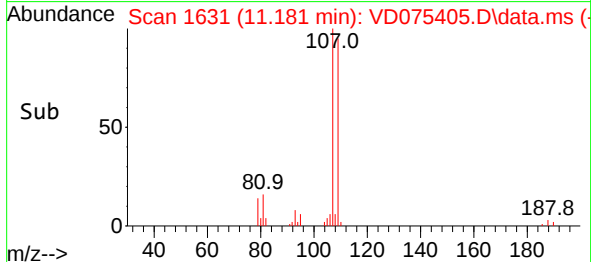
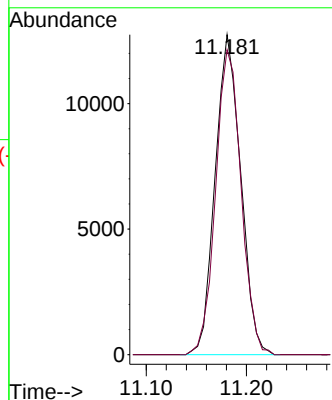
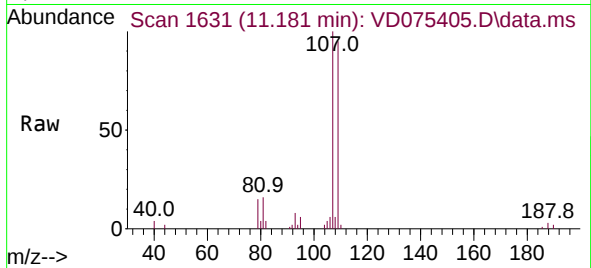




#61
1,2-Dibromoethane
Concen: 53.801 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

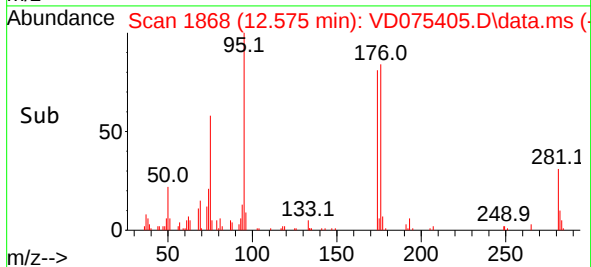
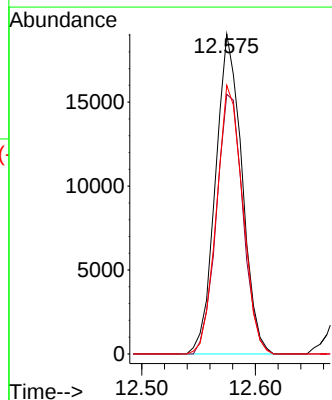
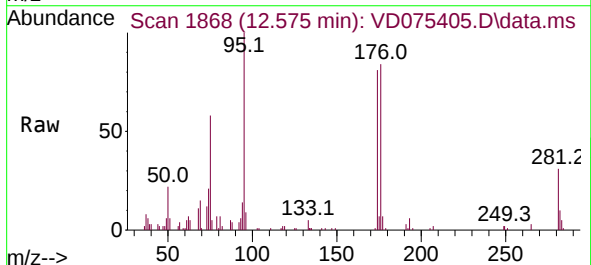
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

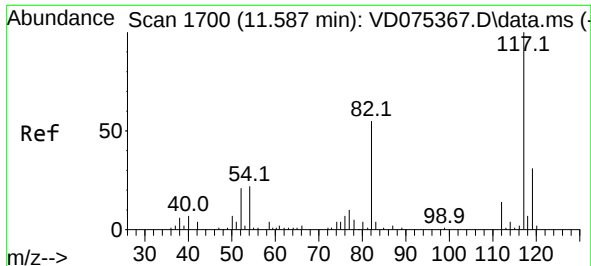
Tgt Ion:107 Resp: 22538
Ion Ratio Lower Upper
107 100
109 95.2 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.555 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 95 Resp: 30798
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 83.0 0.0 156.8

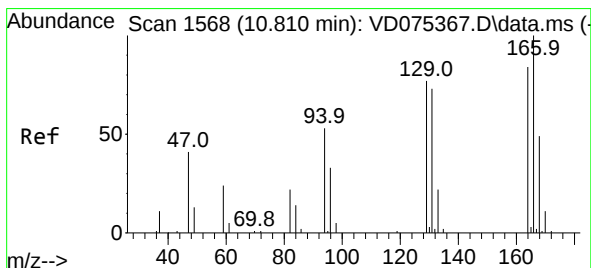
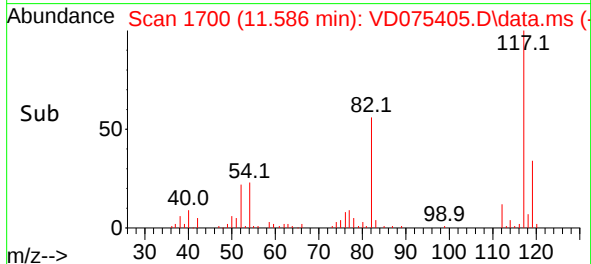
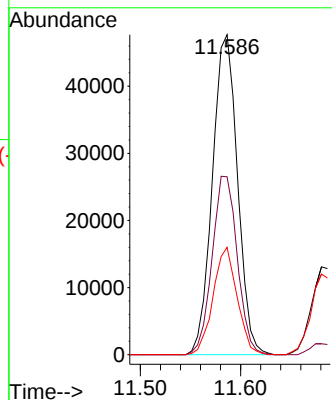
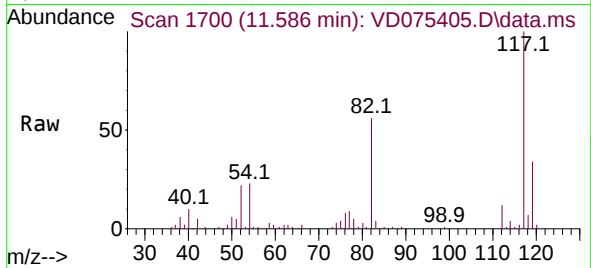




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

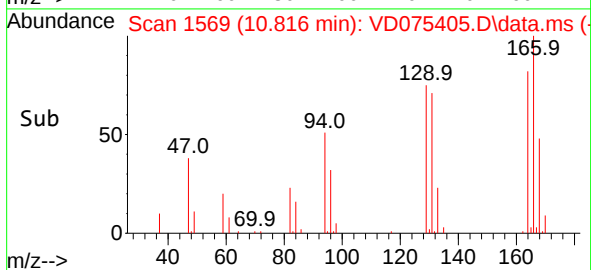
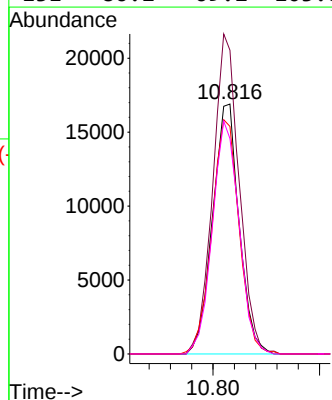
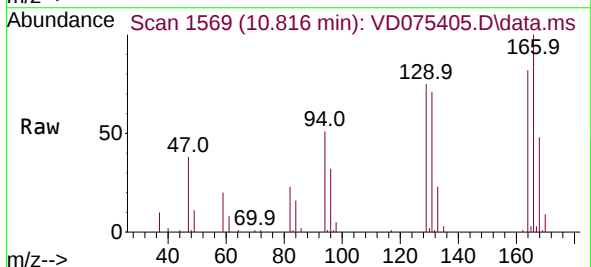
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

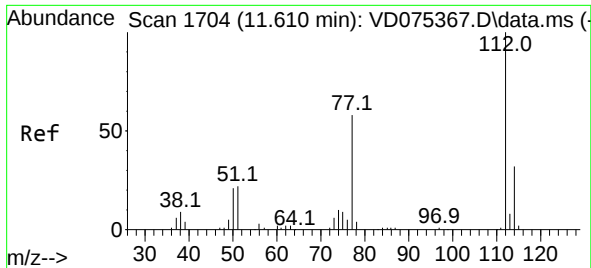
Tgt Ion:117 Resp: 82878
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 33.5 25.1 37.7



#64
Tetrachloroethene
Concen: 49.362 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion:164 Resp: 29283
Ion Ratio Lower Upper
164 100
166 121.5 94.9 142.3
129 91.1 73.0 109.6
131 86.2 69.2 103.8

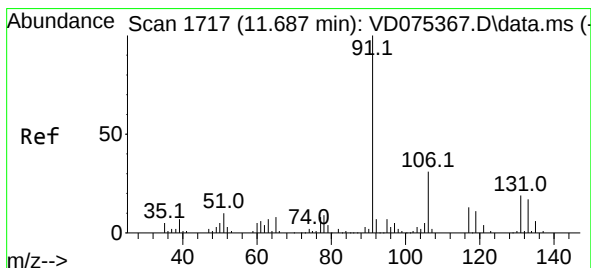
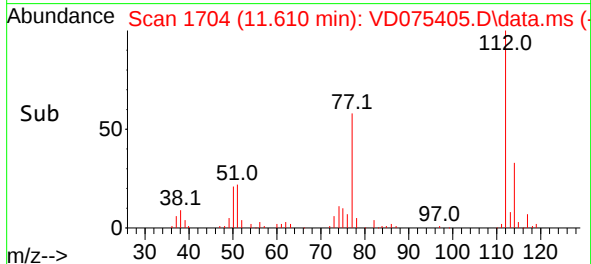
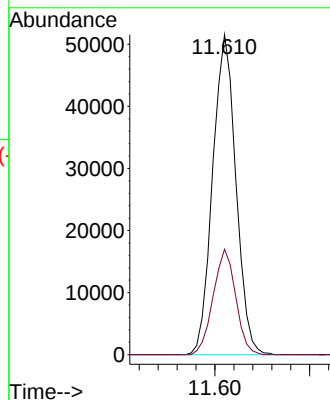
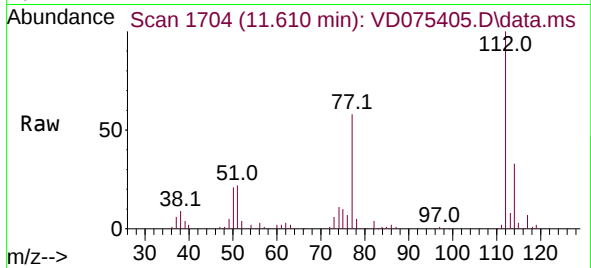




#65
Chlorobenzene
Concen: 50.706 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

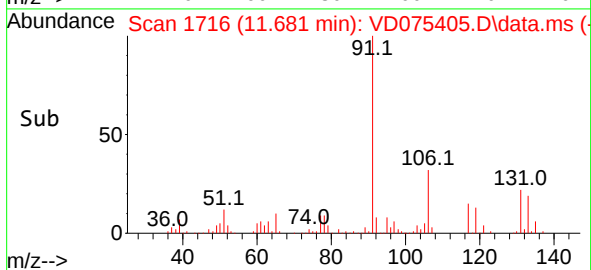
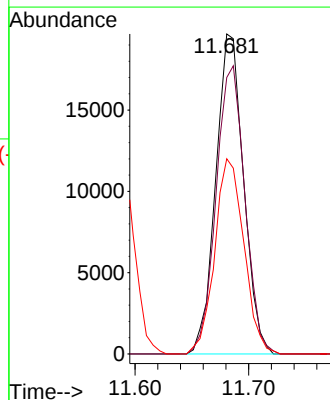
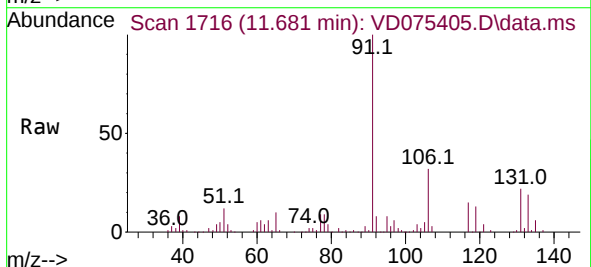
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

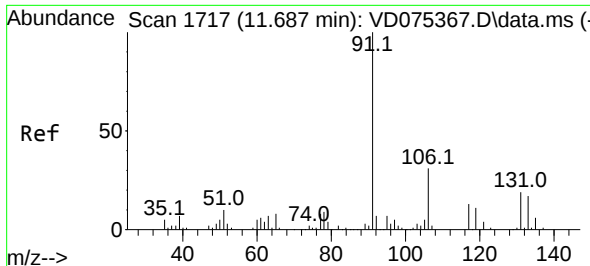
Tgt Ion:112 Resp: 87898
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.177 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion:131 Resp: 33474
Ion Ratio Lower Upper
131 100
133 93.0 46.7 140.0
119 64.0 31.9 95.9





#67

Ethyl Benzene

Concen: 52.637 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

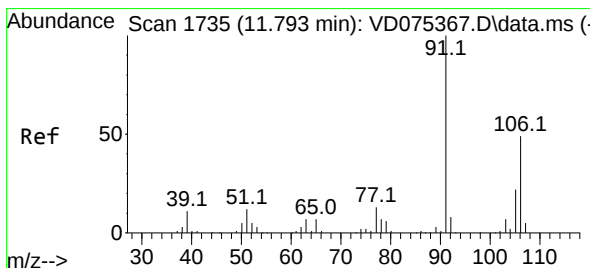
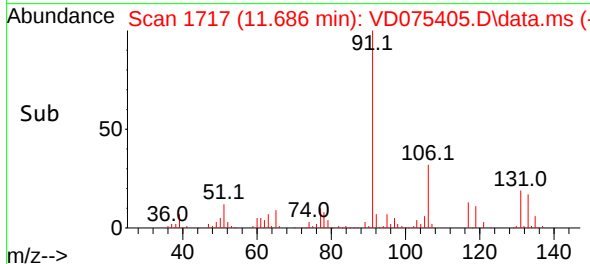
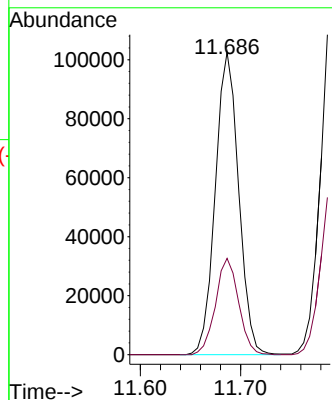
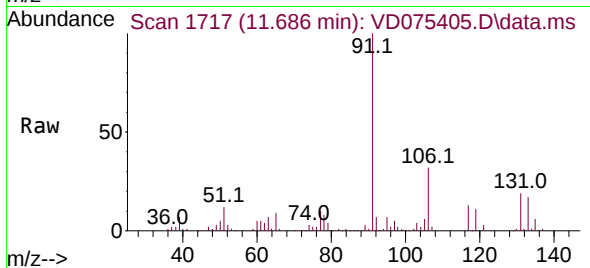
VSTDCCC050EC

Tgt Ion: 91 Resp: 165475

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 104.659 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.005 min

Lab File: VD075405.D

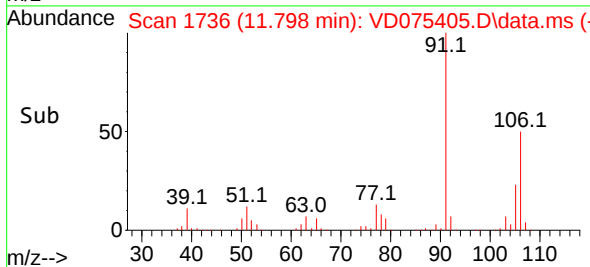
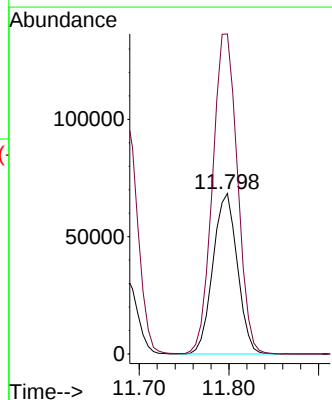
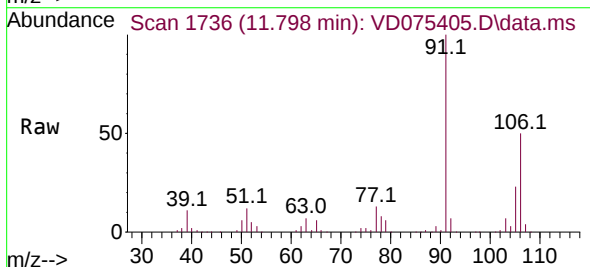
Acq: 22 Feb 2023 18:10

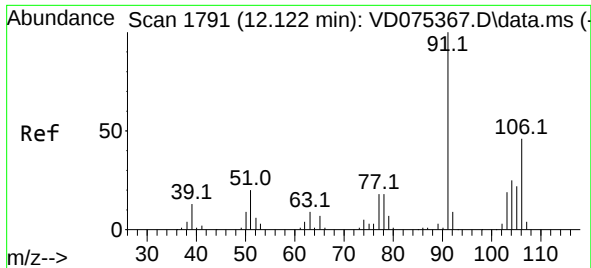
Tgt Ion:106 Resp: 128968

Ion Ratio Lower Upper

106 100

91 204.0 161.5 242.3

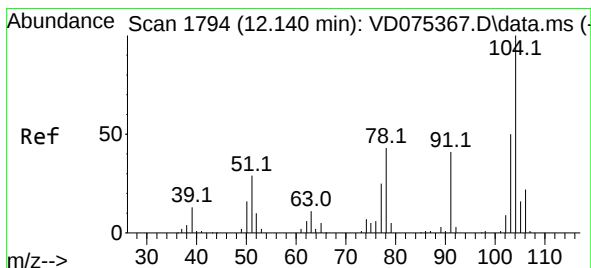
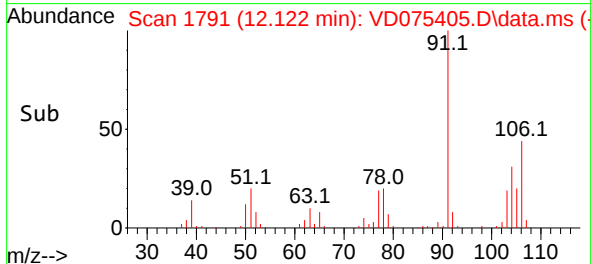
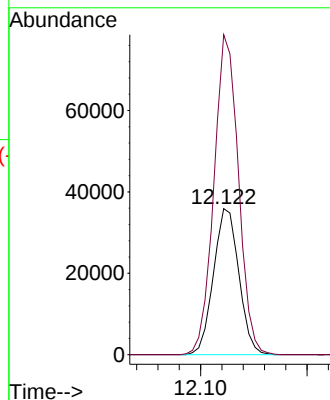
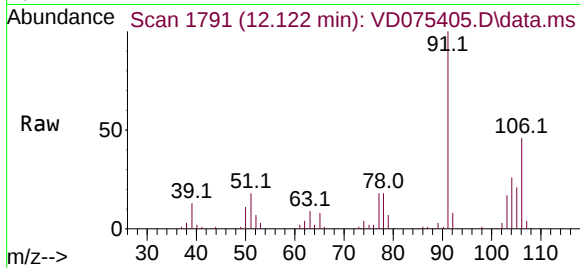




#69
o-Xylene
Concen: 52.554 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

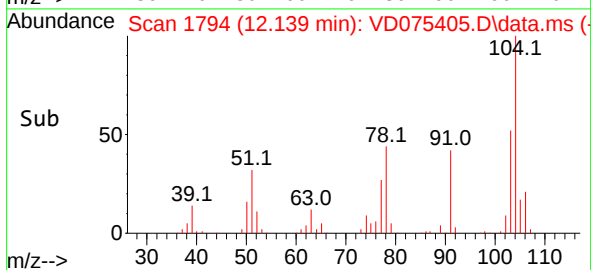
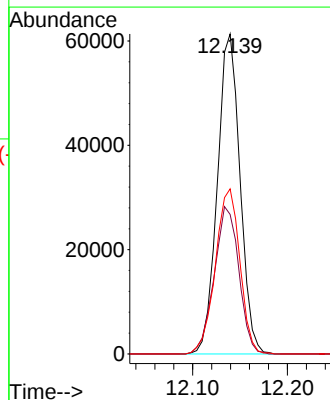
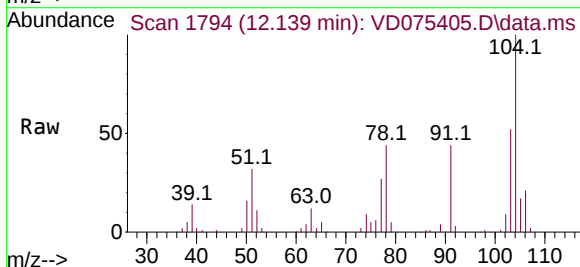
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

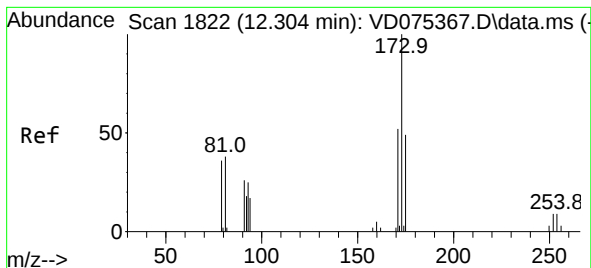
Tgt Ion:106 Resp: 59311
Ion Ratio Lower Upper
106 100
91 212.0 105.7 317.1



#70
Styrene
Concen: 54.152 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion:104 Resp: 101998
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.4
103 55.7 44.2 66.2





#71

Bromoform

Concen: 51.926 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

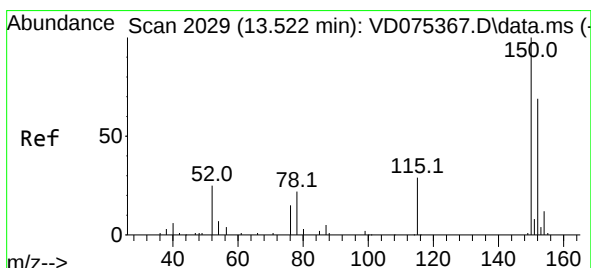
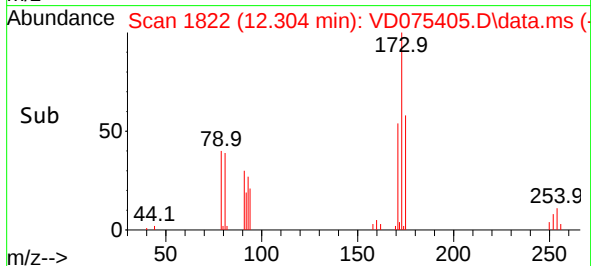
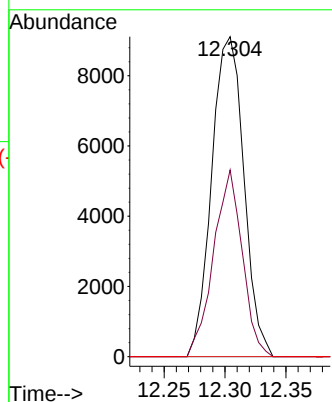
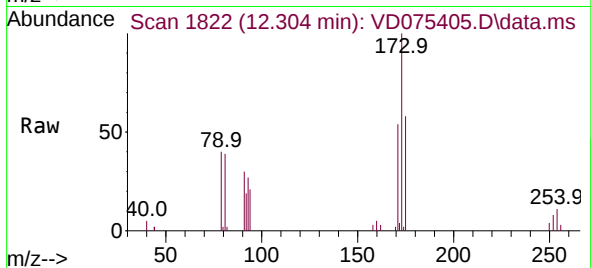
Tgt Ion:173 Resp: 16751

Ion Ratio Lower Upper

173 100

175 52.1 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

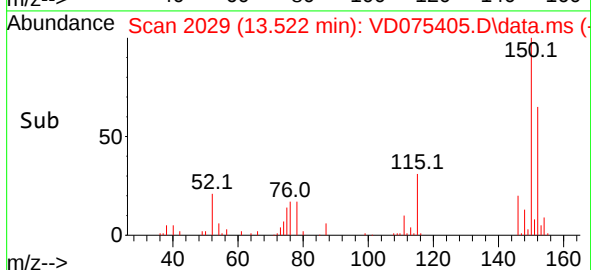
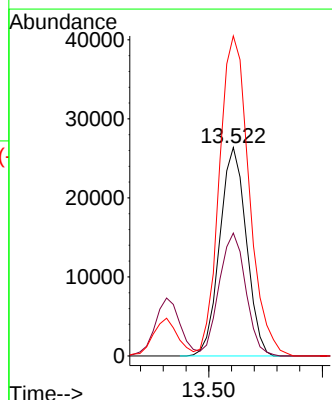
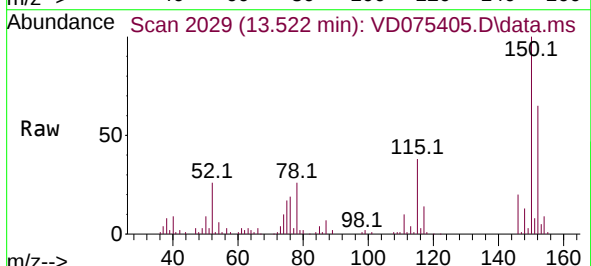
Tgt Ion:152 Resp: 42851

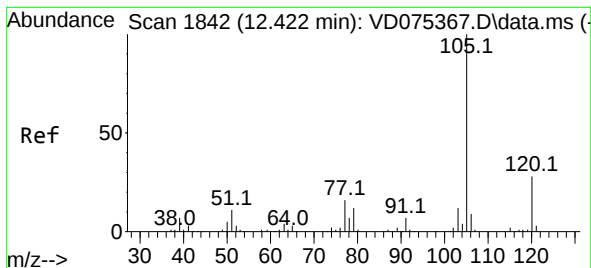
Ion Ratio Lower Upper

152 100

115 58.9 30.1 90.3

150 172.3 0.0 364.8





#73

Isopropylbenzene

Concen: 48.790 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

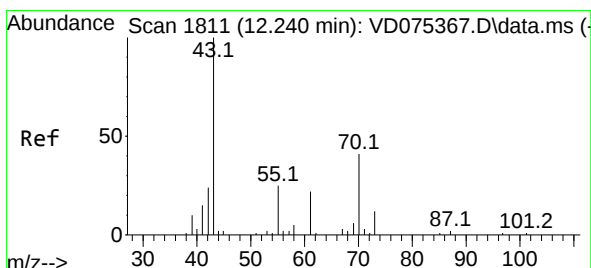
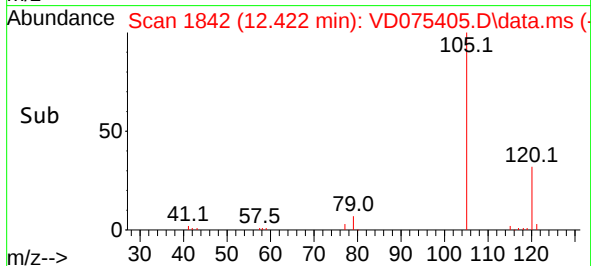
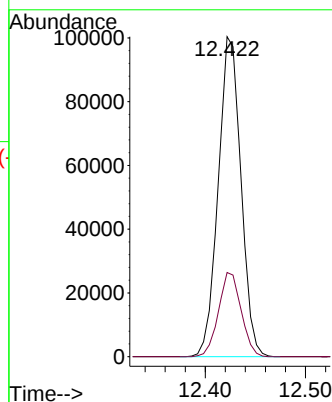
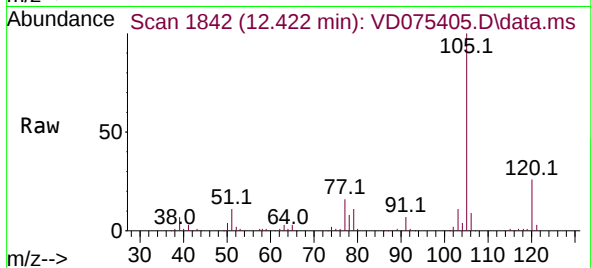
VSTDCCC050EC

Tgt Ion:105 Resp: 157640

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 50.781 ug/l

RT: 12.239 min Scan# 1811

Delta R.T. -0.001 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Tgt Ion: 43 Resp: 35125

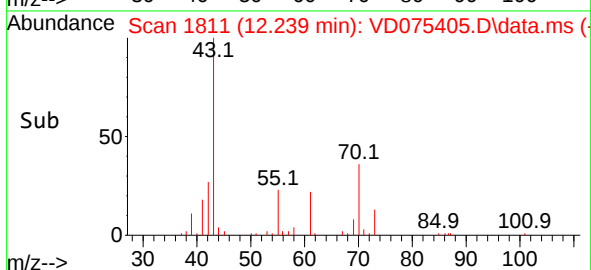
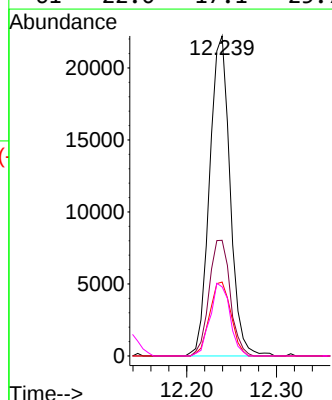
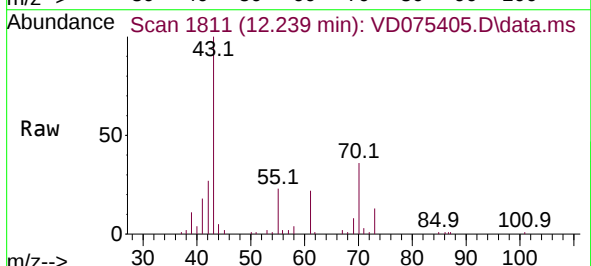
Ion Ratio Lower Upper

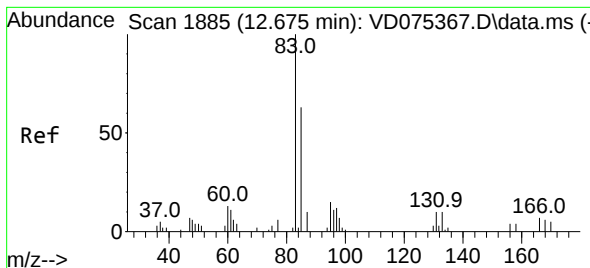
43 100

70 37.4 31.0 46.4

55 24.1 18.6 28.0

61 22.0 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.689 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

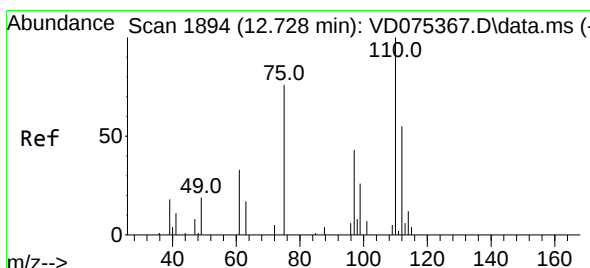
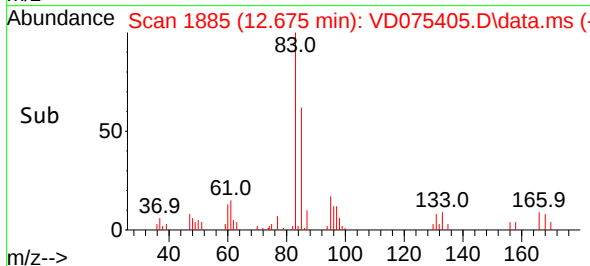
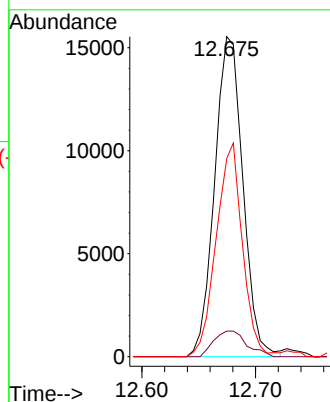
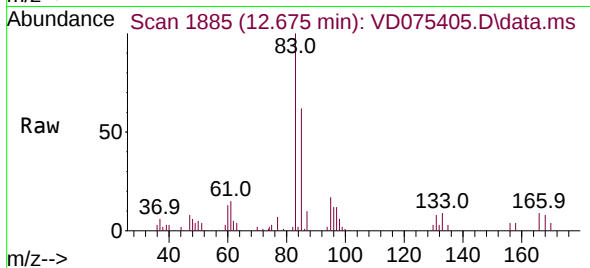
Tgt Ion: 83 Resp: 26905

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.2

85 62.0 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 46.098 ug/l m

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075405.D

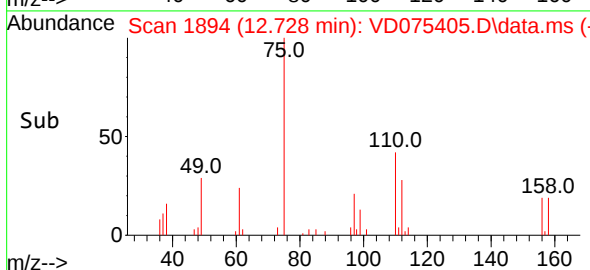
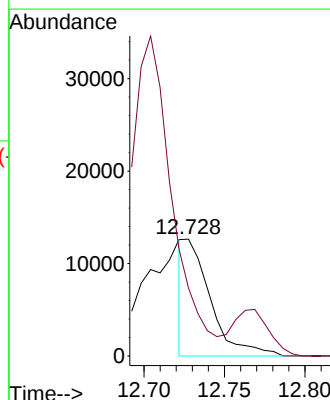
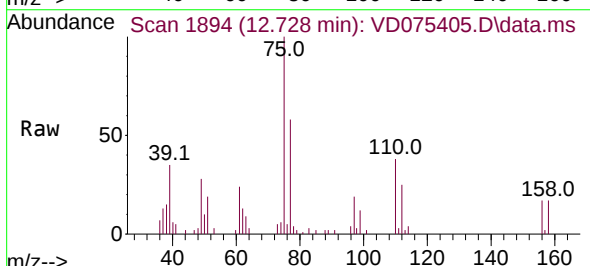
Acq: 22 Feb 2023 18:10

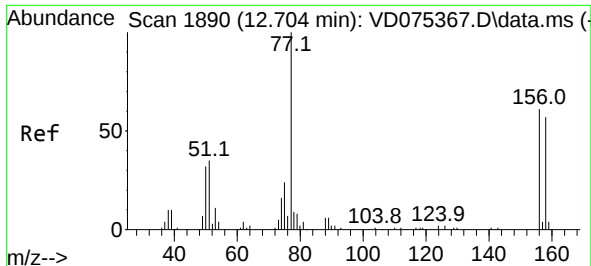
Tgt Ion: 75 Resp: 14322

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

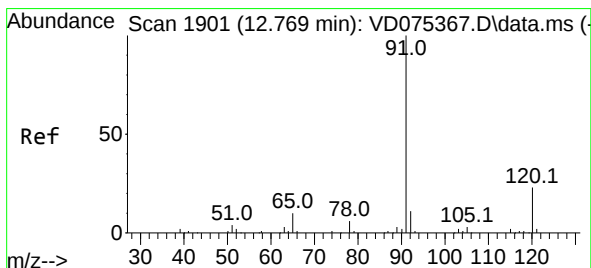
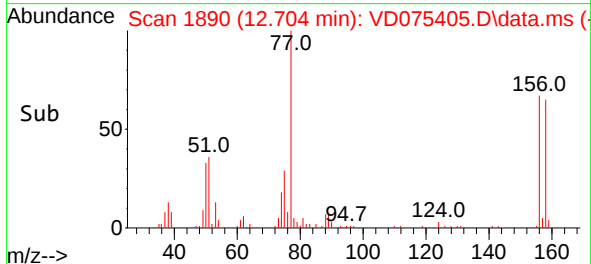
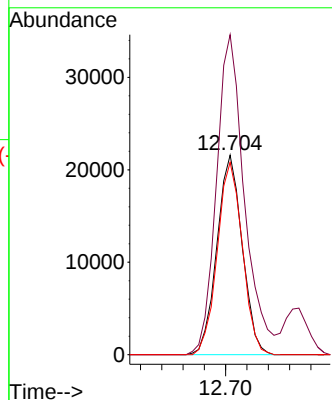
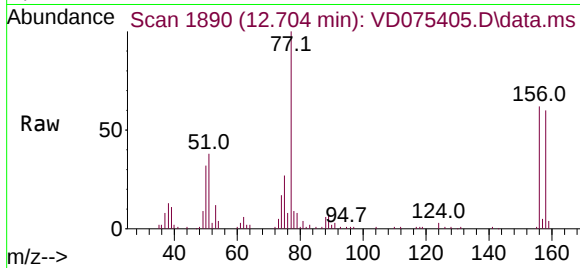




#77
Bromobenzene
Concen: 48.728 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

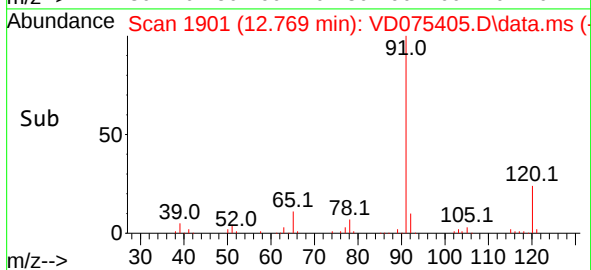
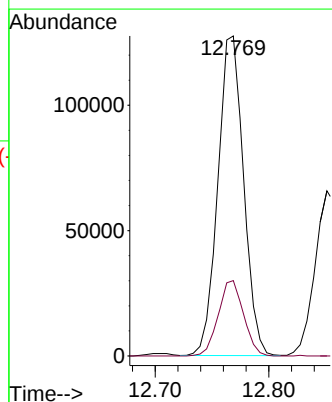
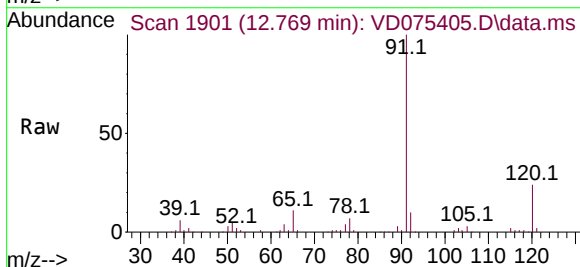
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

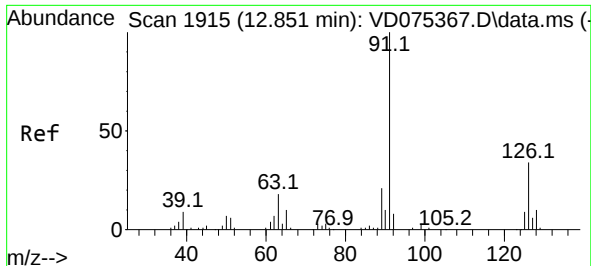
Tgt Ion:156 Resp: 35585
Ion Ratio Lower Upper
156 100
77 177.0 89.5 268.6
158 95.3 47.8 143.4



#78
n-propylbenzene
Concen: 49.611 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 91 Resp: 200563
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2

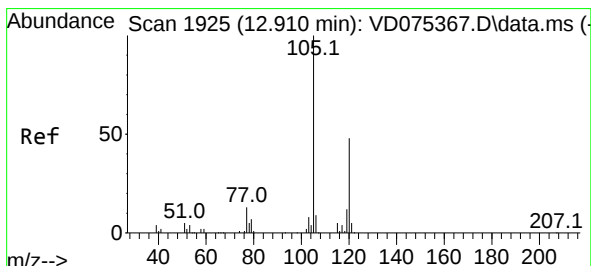
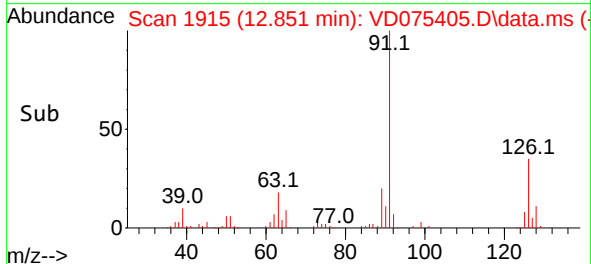
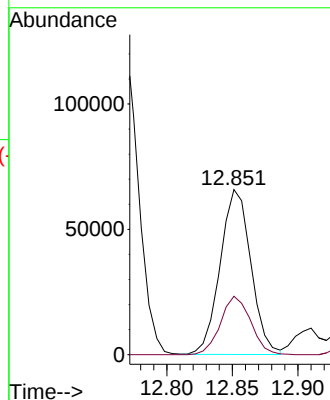
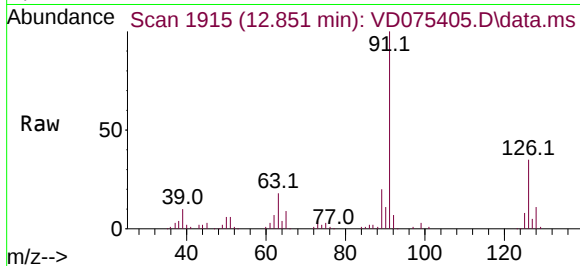




#79
2-Chlorotoluene
Concen: 49.147 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

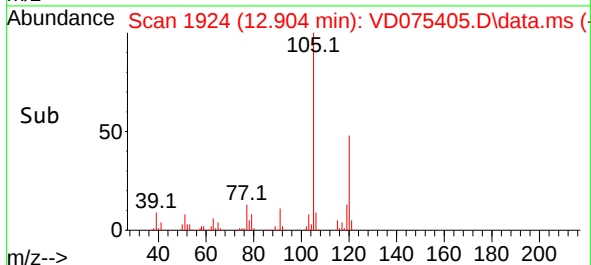
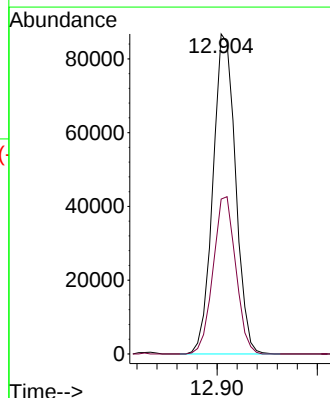
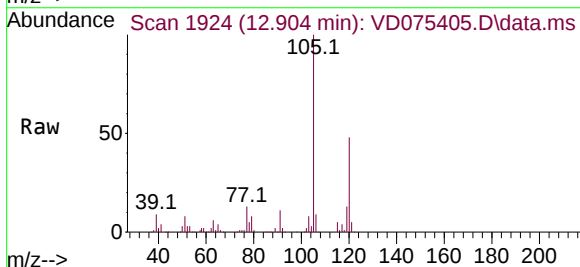
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

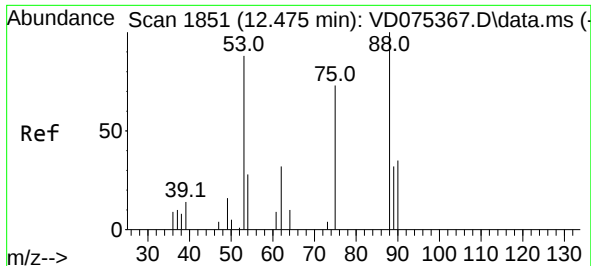
Tgt Ion: 91 Resp: 107293
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 50.753 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 105 Resp: 135710
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8

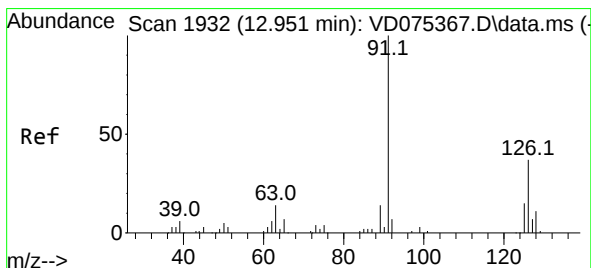
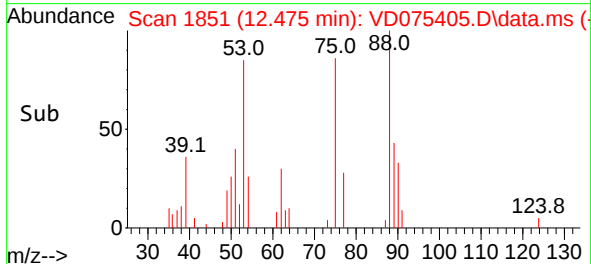
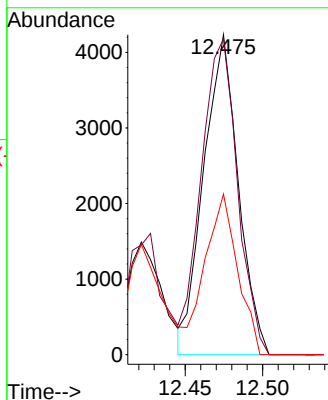
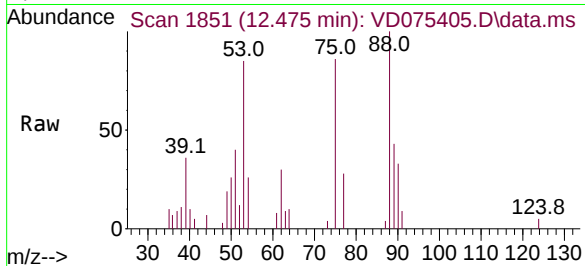




#81
trans-1,4-Dichloro-2-butene
Concen: 49.911 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

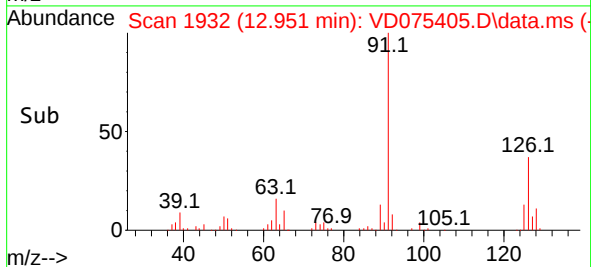
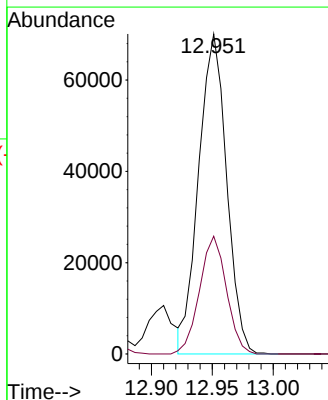
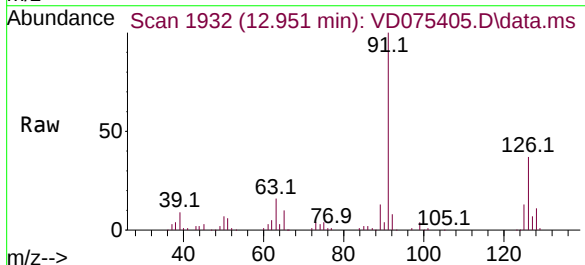
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

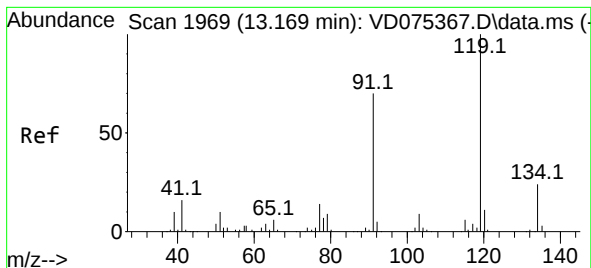
Tgt Ion: 75 Resp: 6561
Ion Ratio Lower Upper
75 100
53 103.5 90.5 135.7
89 46.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 48.611 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 91 Resp: 111960
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 48.142 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

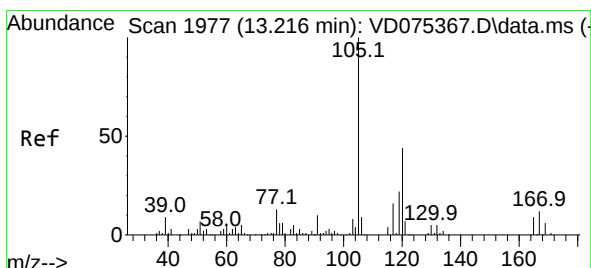
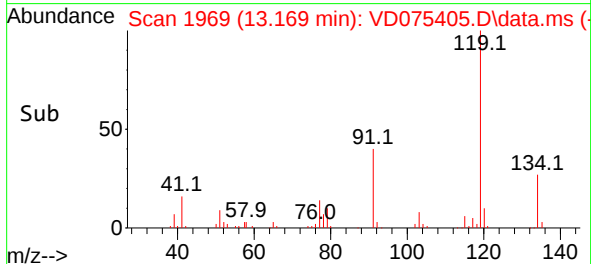
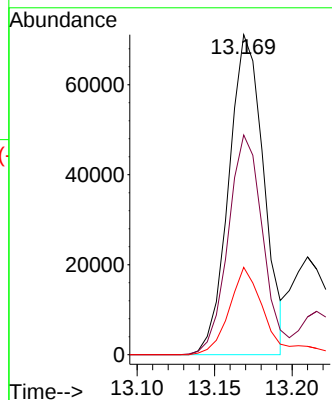
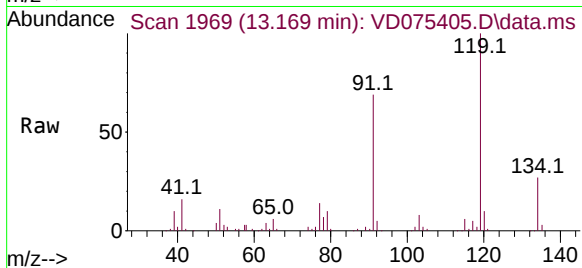
Tgt Ion:119 Resp: 111594

Ion Ratio Lower Upper

119 100

91 68.4 32.4 97.0

134 28.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 50.784 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075405.D

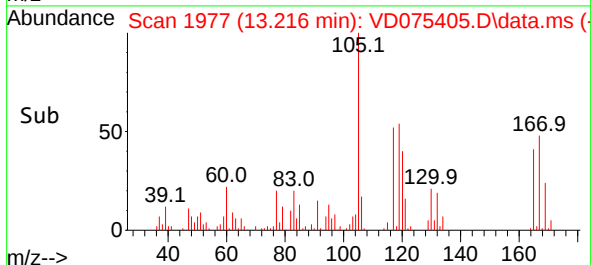
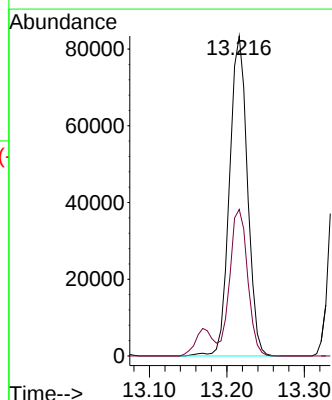
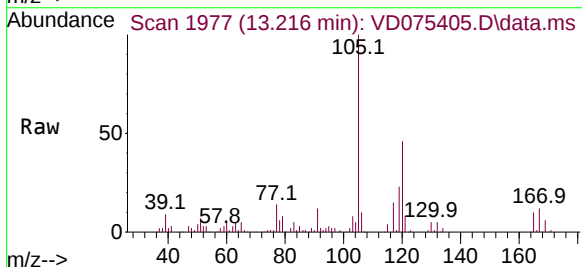
Acq: 22 Feb 2023 18:10

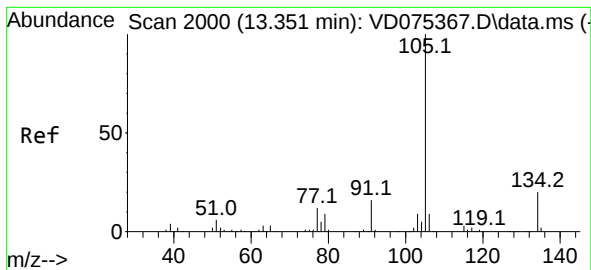
Tgt Ion:105 Resp: 134123

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.941 ug/l

RT: 13.351 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

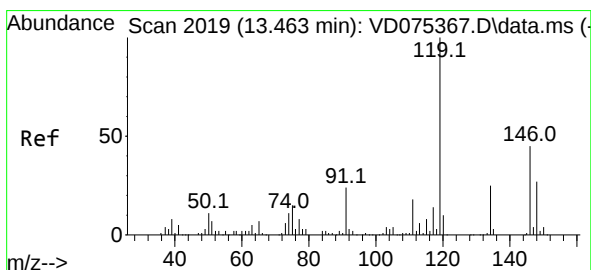
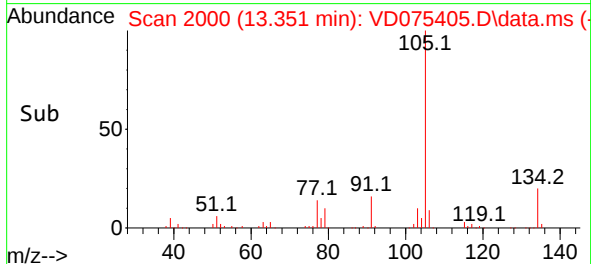
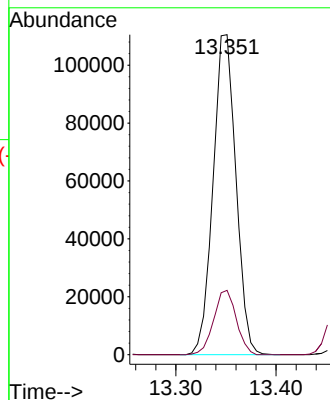
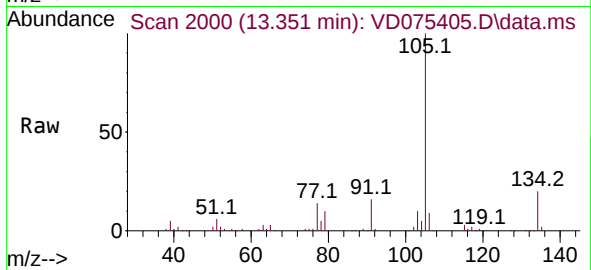
VSTDCCC050EC

Tgt Ion:105 Resp: 174768

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 50.548 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

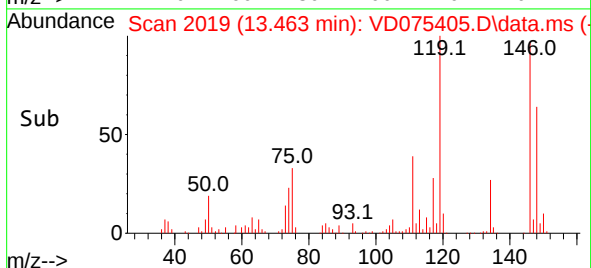
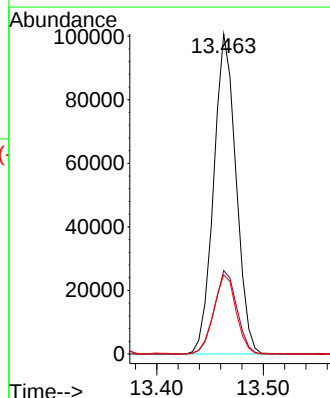
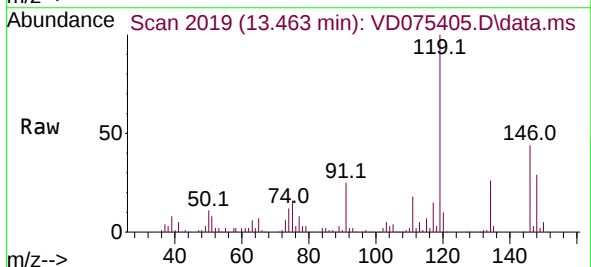
Tgt Ion:119 Resp: 146643

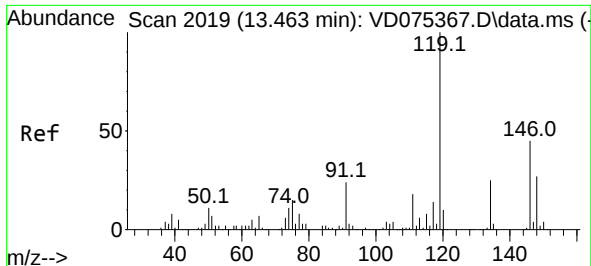
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.9 12.4 37.4

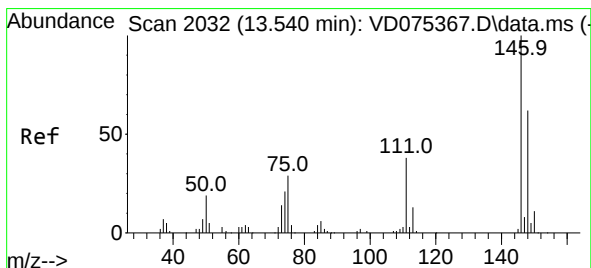
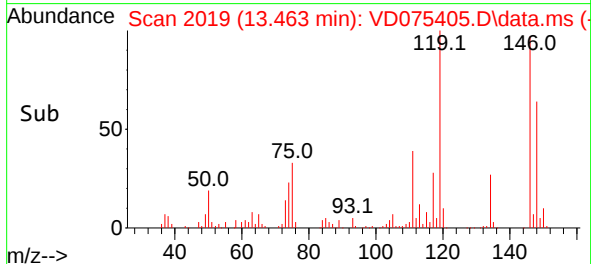
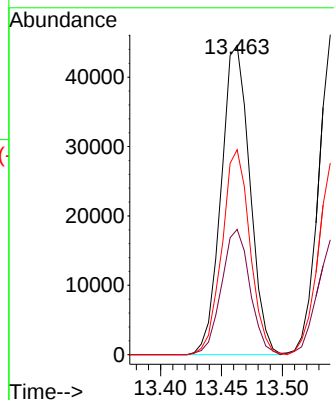
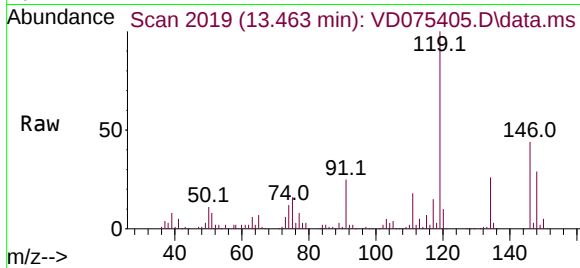




#87
 1,3-Dichlorobenzene
 Concen: 48.682 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075405.D
 Acq: 22 Feb 2023 18:10

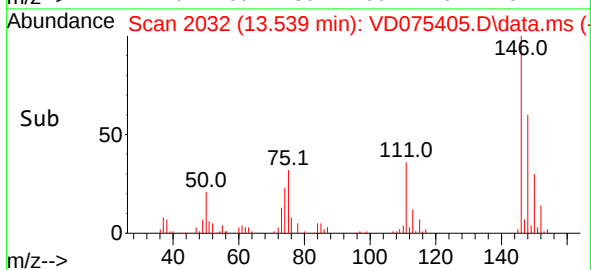
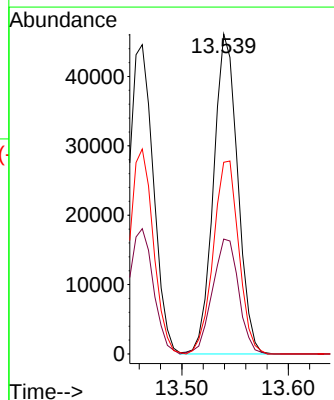
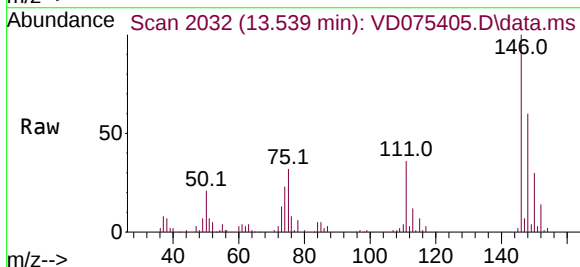
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

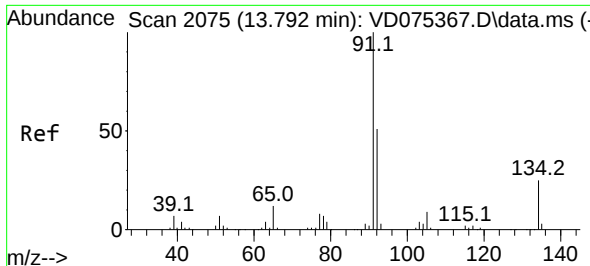
Tgt Ion:146 Resp: 73224
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.8 59.3
 148 64.3 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 49.326 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD075405.D
 Acq: 22 Feb 2023 18:10

Tgt Ion:146 Resp: 72790
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 63.5 31.7 95.1

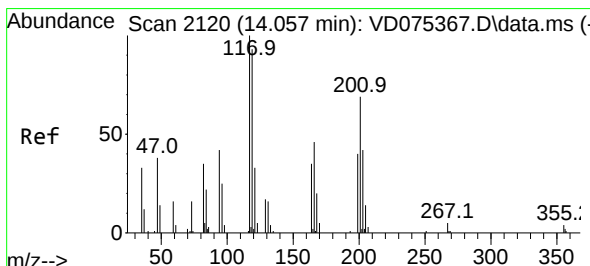
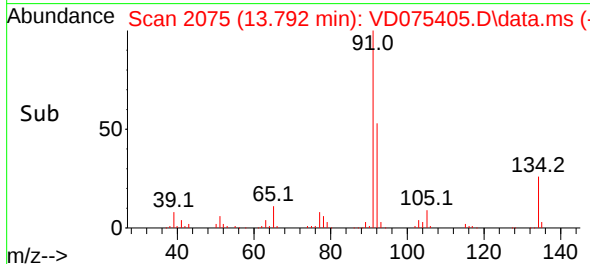
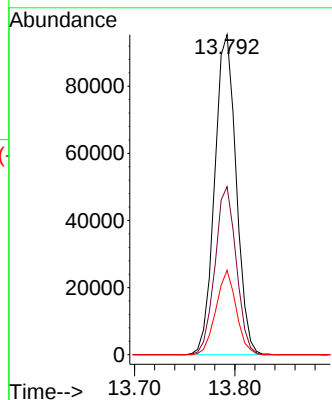
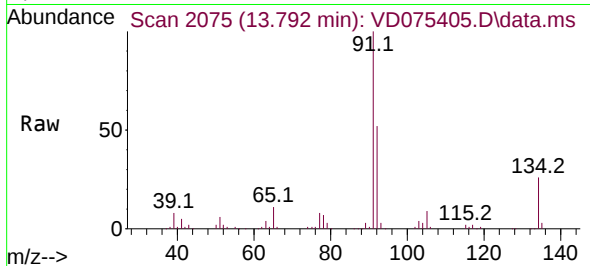




#89
n-Butylbenzene
Concen: 49.685 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

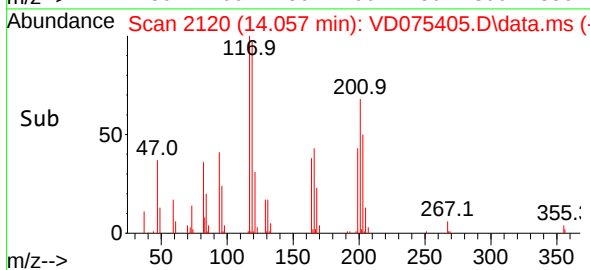
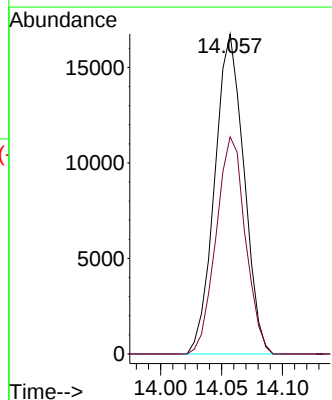
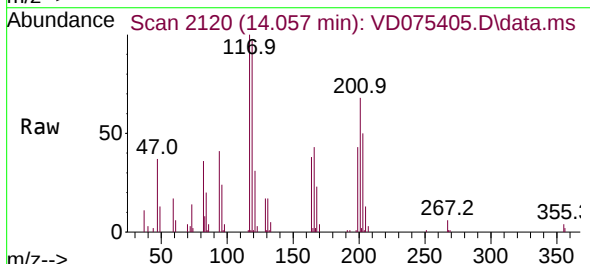
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

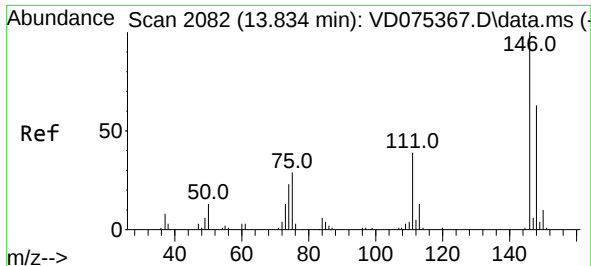
Tgt Ion: 91 Resp: 141797
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 24.9 12.7 38.0



#90
Hexachloroethane
Concen: 48.070 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 117 Resp: 27975
Ion Ratio Lower Upper
117 100
201 68.1 34.5 103.6

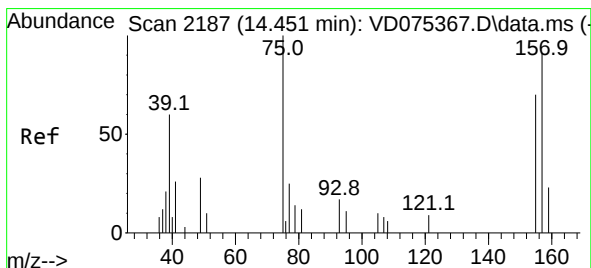
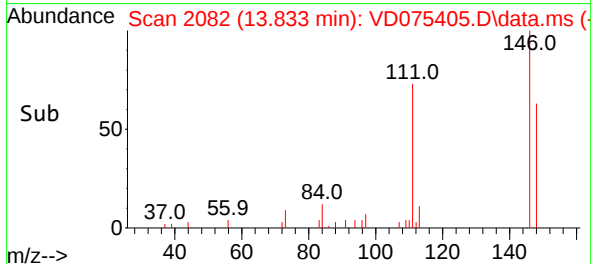
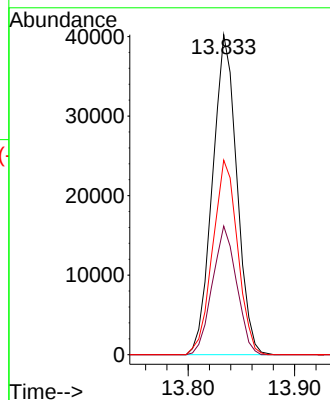
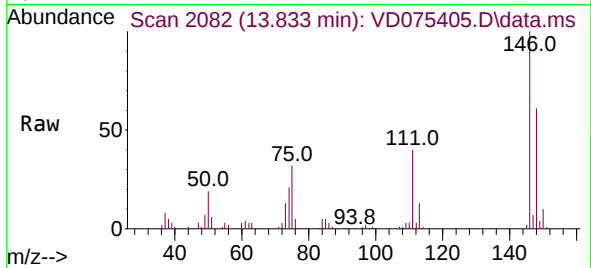




#91
1,2-Dichlorobenzene
Concen: 50.659 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

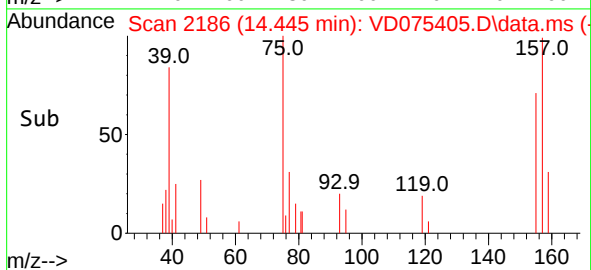
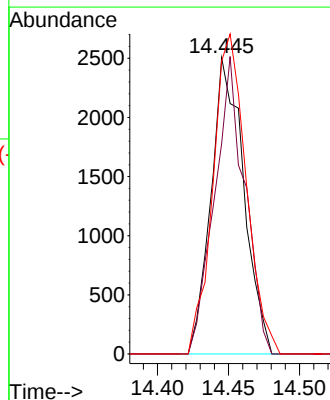
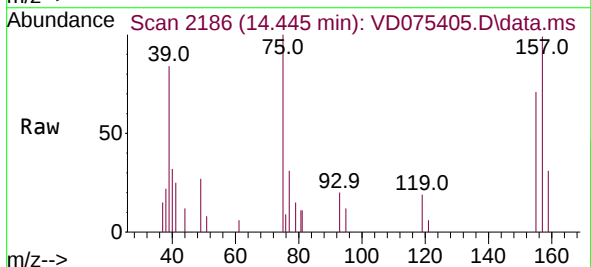
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

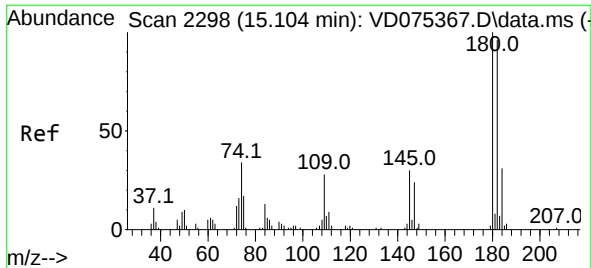
Tgt Ion:146 Resp: 63889
Ion Ratio Lower Upper
146 100
111 39.9 20.6 61.8
148 62.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.375 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion: 75 Resp: 3998
Ion Ratio Lower Upper
75 100
155 93.0 39.5 118.5
157 109.9 53.5 160.7

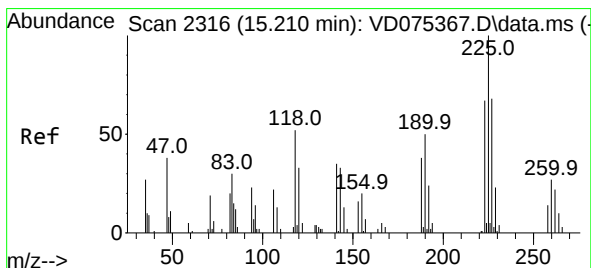
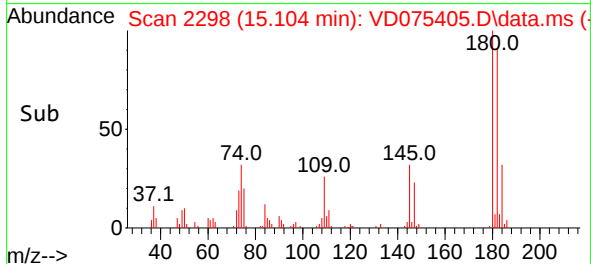
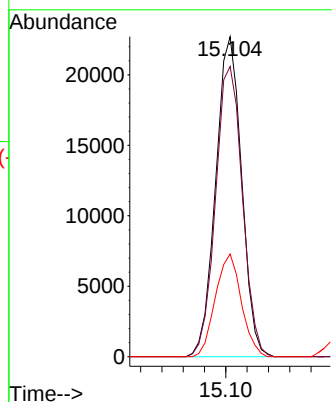
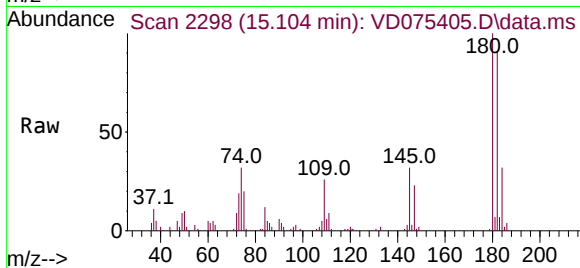




#93
1,2,4-Trichlorobenzene
Concen: 49.888 ug/l
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

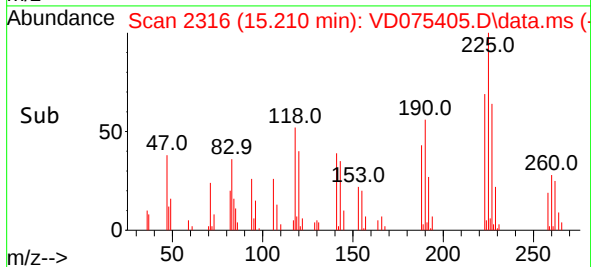
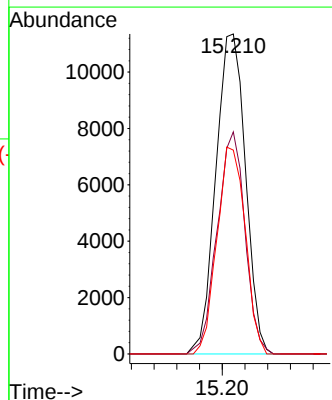
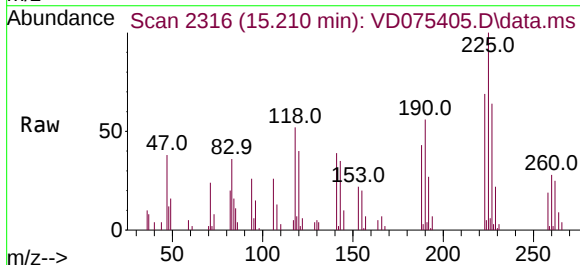
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

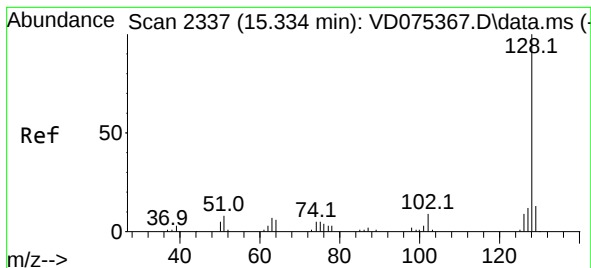
Tgt Ion:180 Resp: 38257
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.7
145 32.2 15.9 47.7



#94
Hexachlorobutadiene
Concen: 46.358 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. -0.000 min
Lab File: VD075405.D
Acq: 22 Feb 2023 18:10

Tgt Ion:225 Resp: 20577
Ion Ratio Lower Upper
225 100
223 65.0 33.1 99.2
227 61.6 31.9 95.9





#95

Naphthalene

Concen: 52.186 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

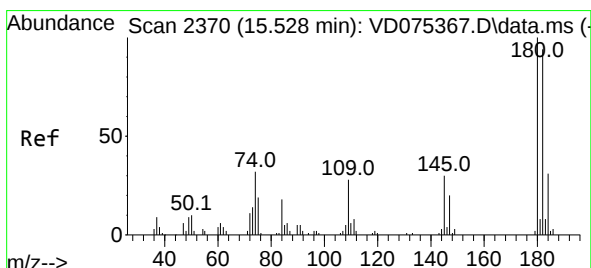
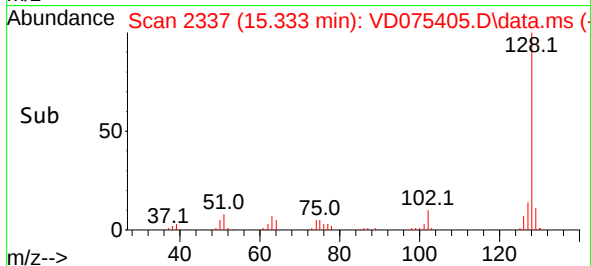
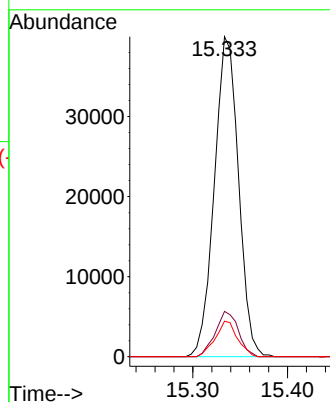
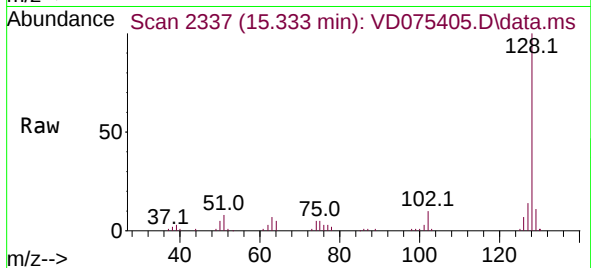
Tgt Ion:128 Resp: 70800

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 10.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.526 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075405.D

Acq: 22 Feb 2023 18:10

Tgt Ion:180 Resp: 32113

Ion Ratio Lower Upper

180 100

182 98.7 47.7 143.1

145 34.8 16.4 49.4

