

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075017.D
 Acq On : 14 Dec 2022 12:29
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 15 03:04:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	205519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	120089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	124483	84.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.280%#	
35) Dibromofluoromethane	7.805	113	158883	90.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 180.780%#	
50) Toluene-d8	10.269	98	458240	85.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 170.080%#	
62) 4-Bromofluorobenzene	12.575	95	160738	92.907	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 185.820%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	100493	83.088	ug/l	96
3) Chloromethane	2.146	50	185527	80.706	ug/l	95
4) Vinyl Chloride	2.281	62	218349	87.812	ug/l	97
5) Bromomethane	2.675	94	145156	80.423	ug/l	98
6) Chloroethane	2.828	64	164290	89.320	ug/l	99
7) Trichlorofluoromethane	3.169	101	272423	89.972	ug/l	96
8) Diethyl Ether	3.587	74	88117	97.359	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	181161	91.824	ug/l	100
10) Methyl Iodide	4.158	142	164589	106.963	ug/l	99
11) Tert butyl alcohol	5.063	59	54423	488.815	ug/l	98
12) 1,1-Dichloroethene	3.934	96	173602	91.859	ug/l	95
13) Acrolein	3.793	56	99288	490.334	ug/l	100
14) Allyl chloride	4.558	41	204500	94.677	ug/l	100
15) Acrylonitrile	5.258	53	192038	502.805	ug/l	100
16) Acetone	4.022	43	191540	501.834	ug/l	99
17) Carbon Disulfide	4.263	76	380995	88.458	ug/l	100
18) Methyl Acetate	4.563	43	88264	83.871	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	410251	102.050	ug/l	99
20) Methylene Chloride	4.799	84	204322	69.374	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	191776	93.064	ug/l	98
22) Diisopropyl ether	6.216	45	488795	98.906	ug/l	98
23) Vinyl Acetate	6.152	43	1204973	581.101	ug/l	99
24) 1,1-Dichloroethane	6.116	63	323632	92.277	ug/l	98
25) 2-Butanone	7.081	43	244549	508.714	ug/l	92
26) 2,2-Dichloropropane	7.075	77	302007	91.626	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	234295	96.183	ug/l	99
28) Bromochloromethane	7.428	49	104514	93.190	ug/l	100
29) Tetrahydrofuran	7.446	42	135294	525.803	ug/l	98
30) Chloroform	7.593	83	355453	92.938	ug/l	100
31) Cyclohexane	7.875	56	240363	91.419	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	304368	93.024	ug/l	99
36) 1,1-Dichloropropene	8.010	75	253912	109.937	ug/l	100
37) Ethyl Acetate	7.169	43	95750	105.938	ug/l	98
38) Carbon Tetrachloride	7.993	117	244897	113.344	ug/l	96
39) Methylcyclohexane	9.275	83	247032	105.059	ug/l	98
40) Benzene	8.252	78	749532	108.050	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	52452	111.944	ug/l	97
42) 1,2-Dichloroethane	8.322	62	182427	109.599	ug/l	99
43) Isopropyl Acetate	8.363	43	166077	109.541	ug/l	98
44) Trichloroethene	9.028	130	177315	97.674	ug/l	94
45) 1,2-Dichloropropane	9.304	63	160184	101.852	ug/l	97
46) Dibromomethane	9.393	93	88667	103.774	ug/l	99
47) Bromodichloromethane	9.587	83	223351	102.975	ug/l	99
48) Methyl methacrylate	9.381	41	75549	113.513	ug/l	95
49) 1,4-Dioxane	9.381	88	22543	2357.095	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	430900	568.621	ug/l	100
52) Toluene	10.334	92	422187	103.007	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	215432	107.766	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	259014	106.800	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	129928	104.138	ug/l	98
56) Ethyl methacrylate	10.598	69	159812	116.677	ug/l	99
57) 1,3-Dichloropropane	10.881	76	211660	104.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	325073	584.039	ug/l	99
59) 2-Hexanone	10.922	43	317550	575.397	ug/l	100
60) Dibromochloromethane	11.075	129	154650	106.119	ug/l	99
61) 1,2-Dibromoethane	11.181	107	117633	104.447	ug/l	98
64) Tetrachloroethene	10.810	164	142211	95.872	ug/l	96
65) Chlorobenzene	11.610	112	462501	98.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	166722	101.239	ug/l	99
67) Ethyl Benzene	11.687	91	835124	103.178	ug/l	99
68) m/p-Xylenes	11.793	106	657587	207.040	ug/l	99
69) o-Xylene	12.122	106	311614	103.572	ug/l	100
70) Styrene	12.140	104	544661	105.329	ug/l	99
71) Bromoform	12.298	173	87164	102.974	ug/l #	100
73) Isopropylbenzene	12.422	105	827419	104.182	ug/l	100
74) N-amyl acetate	12.234	43	156677	112.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	146504	102.622	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	176611	169.385	ug/l #	100
77) Bromobenzene	12.704	156	181994	100.720	ug/l	99
78) n-propylbenzene	12.763	91	1001670	103.016	ug/l	100
79) 2-Chlorotoluene	12.851	91	536838	101.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	673737	102.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	44502	108.450	ug/l	99
82) 4-Chlorotoluene	12.951	91	550267	100.182	ug/l	100
83) tert-Butylbenzene	13.169	119	593222	104.941	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	679927	104.450	ug/l	100
85) sec-Butylbenzene	13.345	105	909878	103.409	ug/l	100
86) p-Isopropyltoluene	13.463	119	768721	104.849	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	382631	100.189	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	366853	97.329	ug/l	99
89) n-Butylbenzene	13.792	91	715544	104.395	ug/l	100
90) Hexachloroethane	14.057	117	132056	101.367	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	323574	99.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	20384	107.800	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	206318	102.688	ug/l	100
94) Hexachlorobutadiene	15.204	225	102078	98.663	ug/l	100
95) Naphthalene	15.334	128	414486	109.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	179165	105.139	ug/l	99

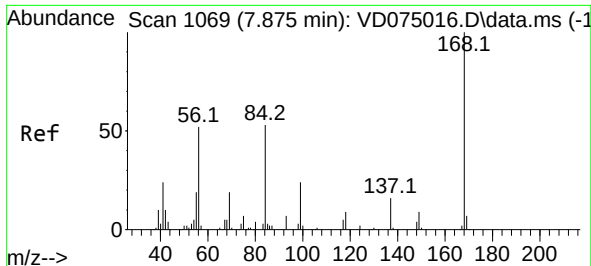
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Response via : Initial Calibration

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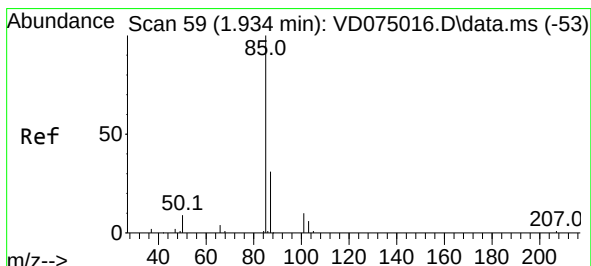
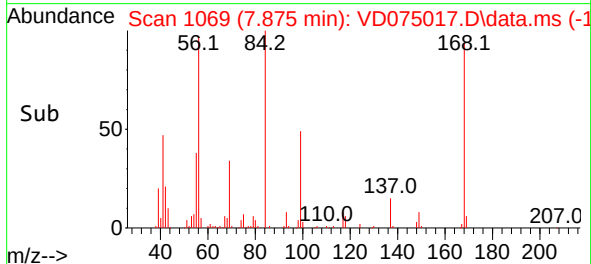
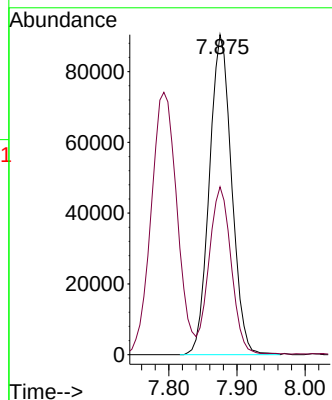
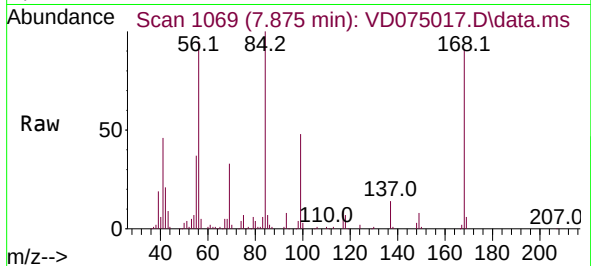
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

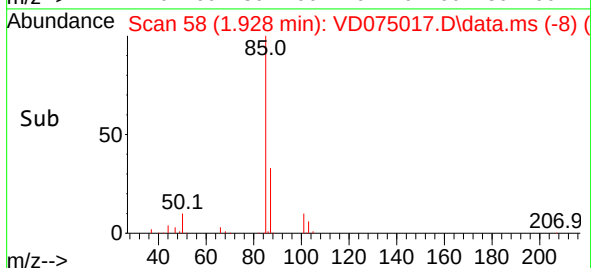
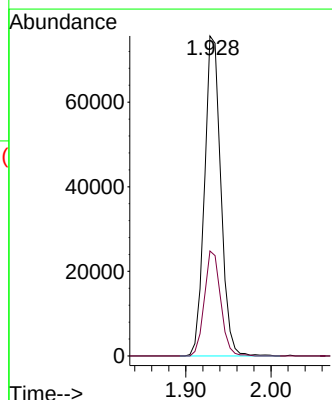
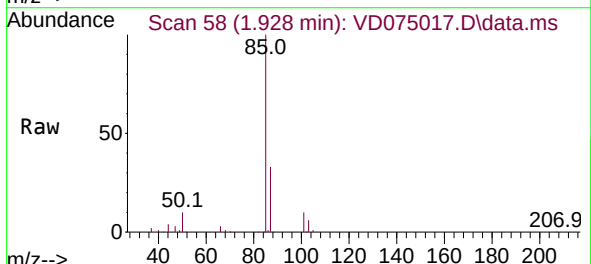
Instrument :
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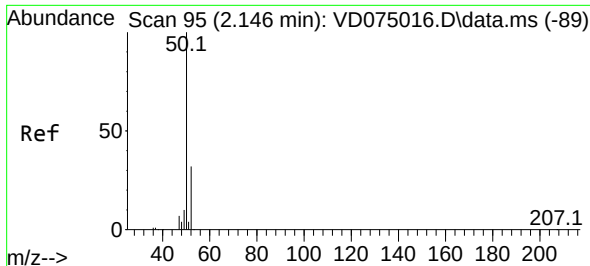
Tgt Ion:168 Resp: 205519
Ion Ratio Lower Upper
168 100
99 52.1 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 83.088 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 85 Resp: 100493
Ion Ratio Lower Upper
85 100
87 32.8 15.4 46.1

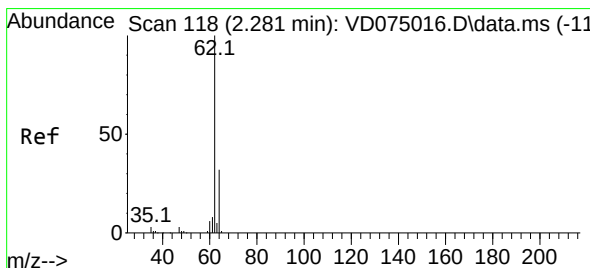
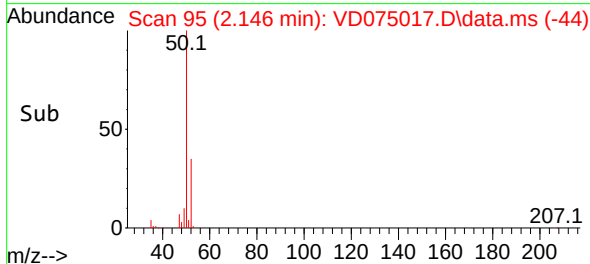
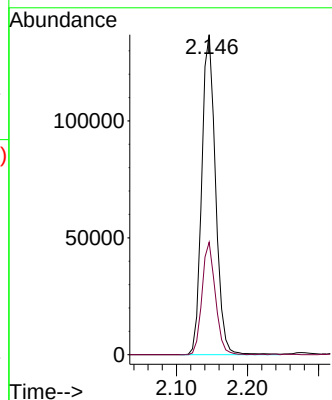
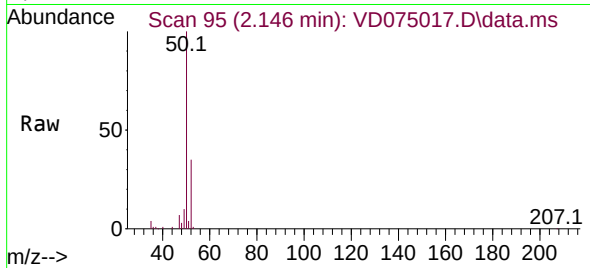




#3
Chloromethane
Concen: 80.706 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

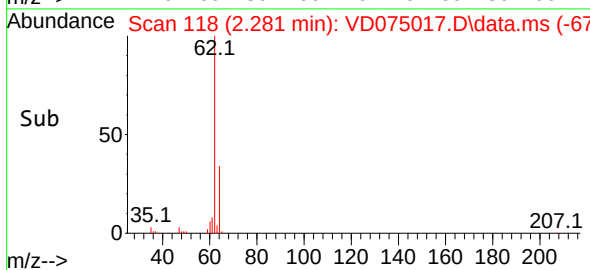
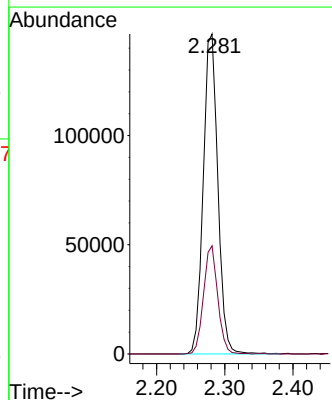
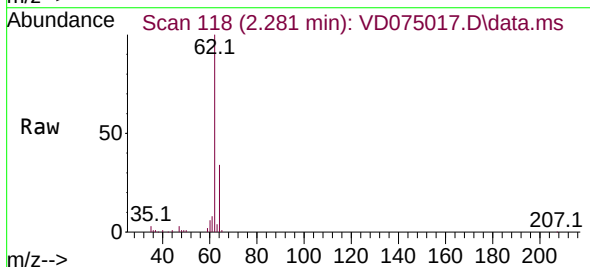
Instrument :
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ClientSampleId :
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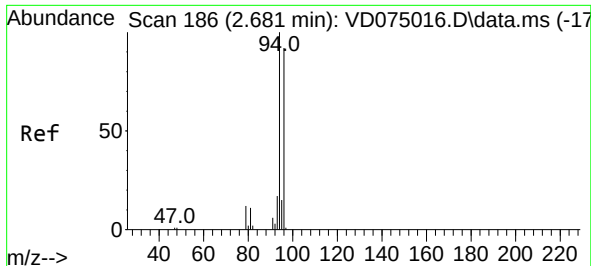
Tgt Ion: 50 Resp: 185527
Ion Ratio Lower Upper
50 100
52 35.2 25.8 38.8



#4
Vinyl Chloride
Concen: 87.812 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 62 Resp: 218349
Ion Ratio Lower Upper
62 100
64 33.8 25.7 38.5

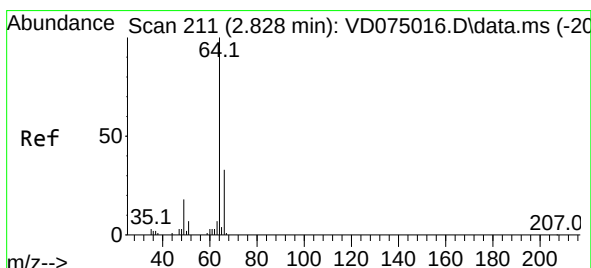
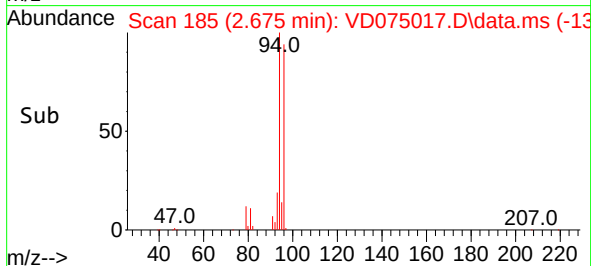
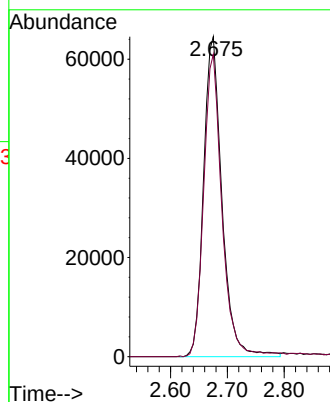
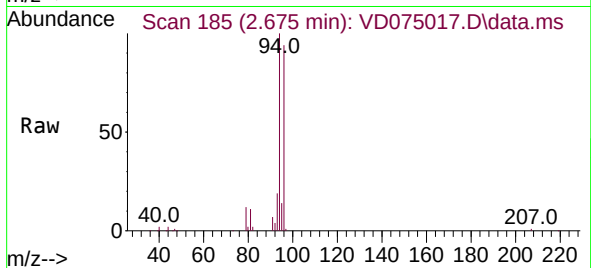




#5
Bromomethane
Concen: 80.423 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

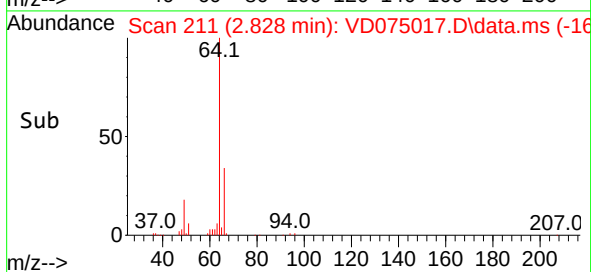
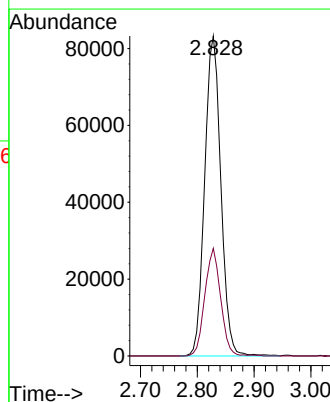
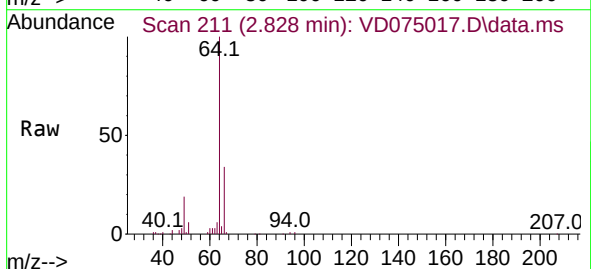
Instrument :
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ClientSampleId :
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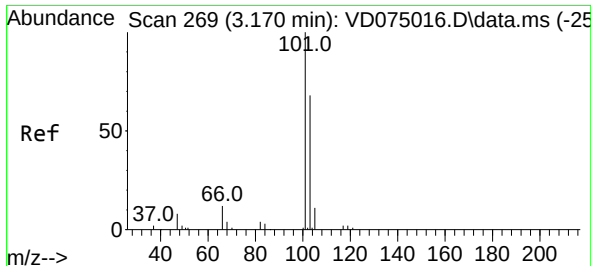
Tgt Ion: 94 Resp: 145156
Ion Ratio Lower Upper
94 100
96 93.3 76.2 114.2



#6
Chloroethane
Concen: 89.320 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 64 Resp: 164290
Ion Ratio Lower Upper
64 100
66 33.7 26.6 40.0

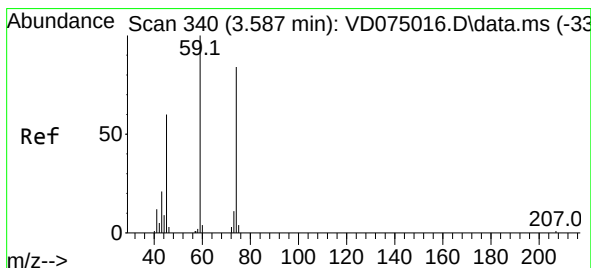
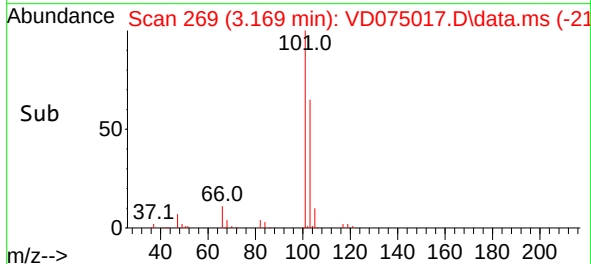
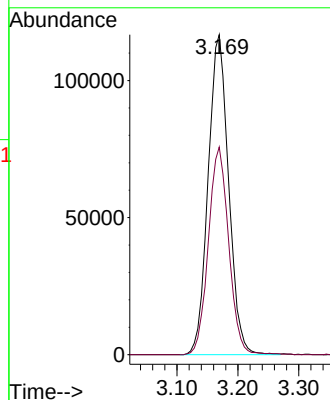
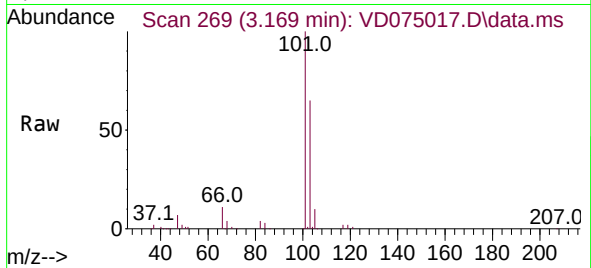




#7
Trichlorofluoromethane
Concen: 89.972 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

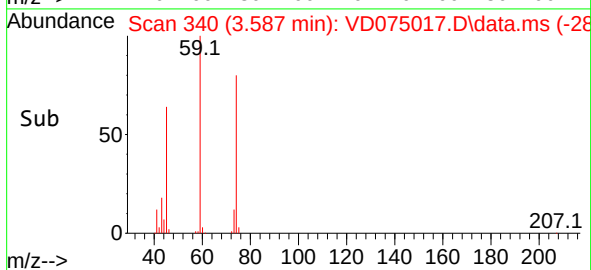
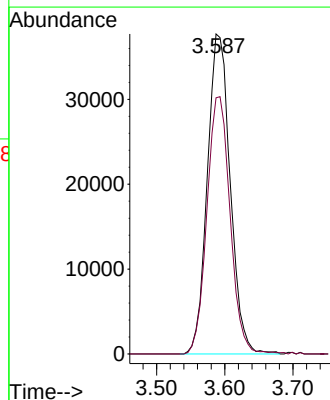
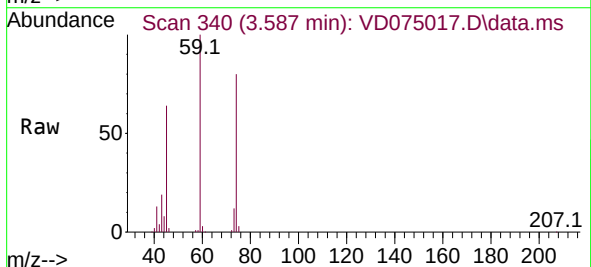
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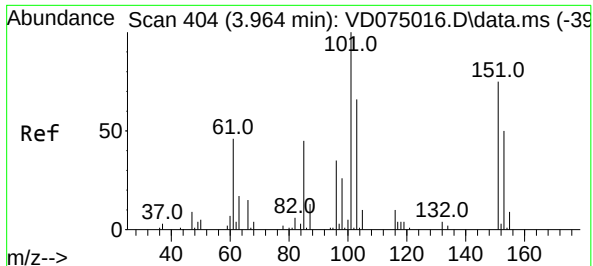
Tgt Ion:101 Resp: 272423
Ion Ratio Lower Upper
101 100
103 64.9 54.5 81.7



#8
Diethyl Ether
Concen: 97.359 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 74 Resp: 88117
Ion Ratio Lower Upper
74 100
45 81.6 39.8 119.4

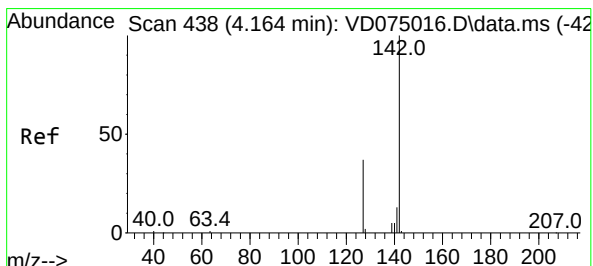
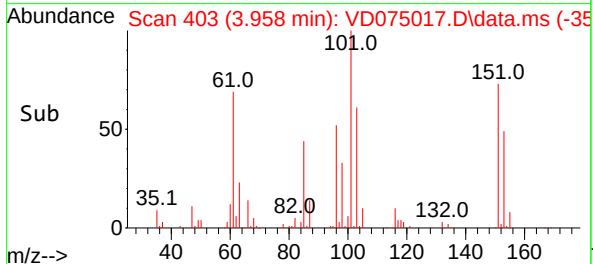
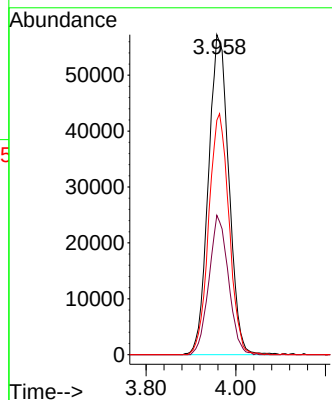
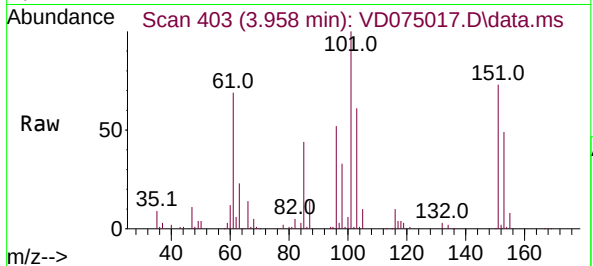




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.824 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
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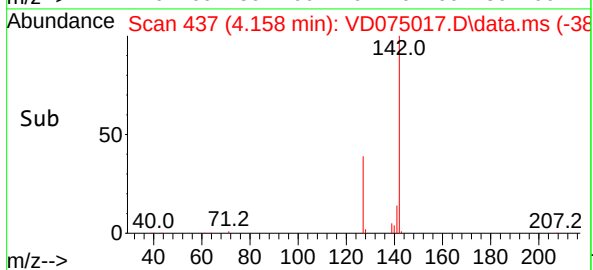
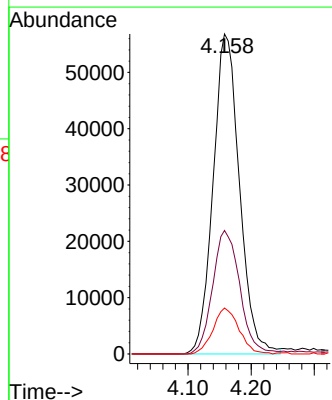
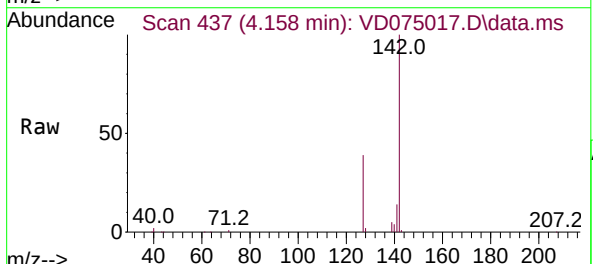
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

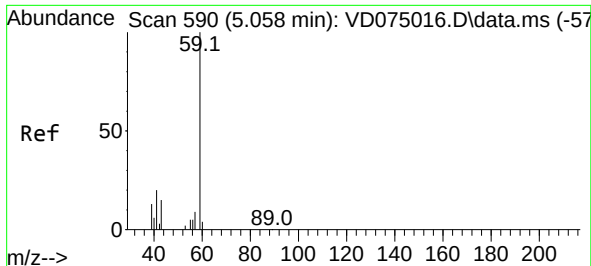
Tgt Ion:101 Resp: 181161
Ion Ratio Lower Upper
101 100
85 41.5 33.6 50.4
151 74.6 59.4 89.2



#10
Methyl Iodide
Concen: 106.963 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion:142 Resp: 164589
Ion Ratio Lower Upper
142 100
127 40.0 32.2 48.2
141 14.2 10.9 16.3

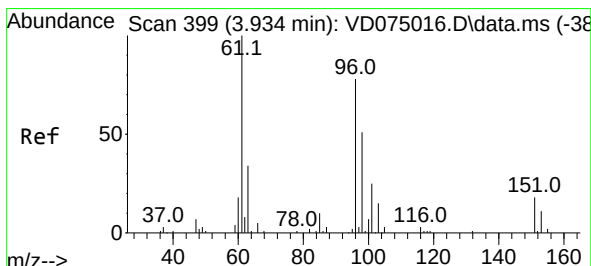
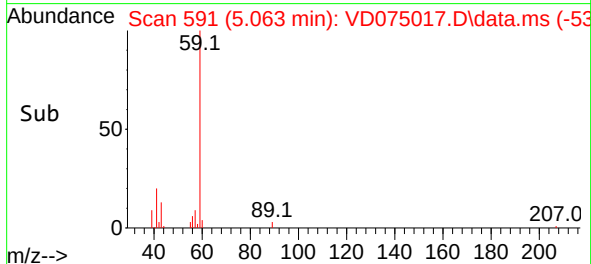
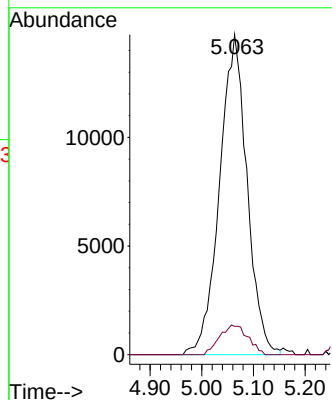
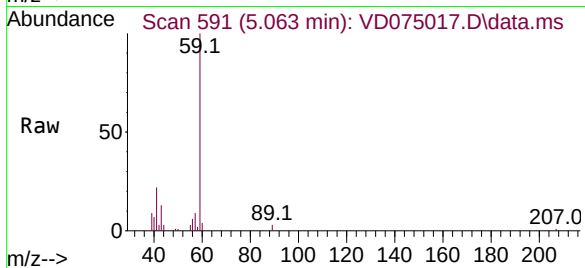




#11
Tert butyl alcohol
Concen: 488.815 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

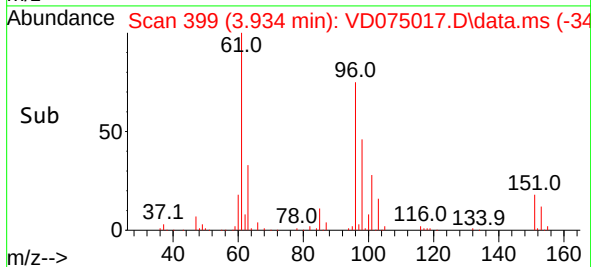
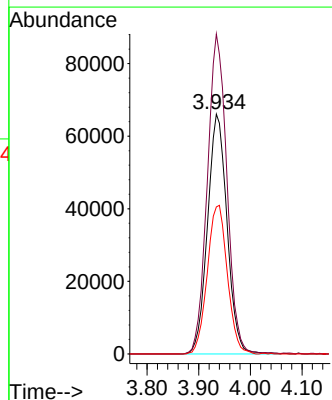
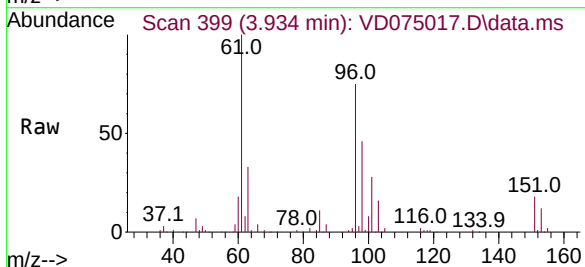
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

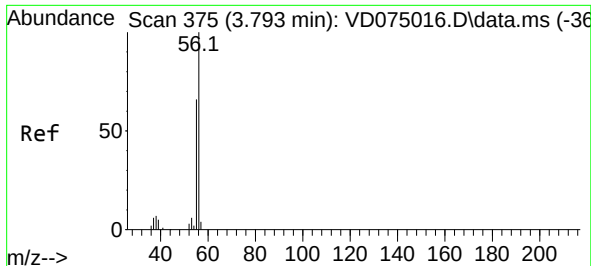
Tgt Ion: 59 Resp: 54423
Ion Ratio Lower Upper
59 100
57 9.5 7.0 10.6



#12
1,1-Dichloroethene
Concen: 91.859 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 96 Resp: 173602
Ion Ratio Lower Upper
96 100
61 133.4 102.1 153.1
98 61.3 52.2 78.4





#13

Acrolein

Concen: 490.334 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

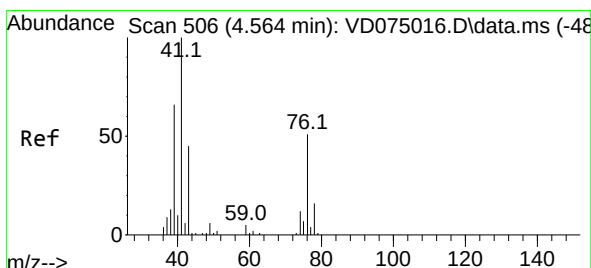
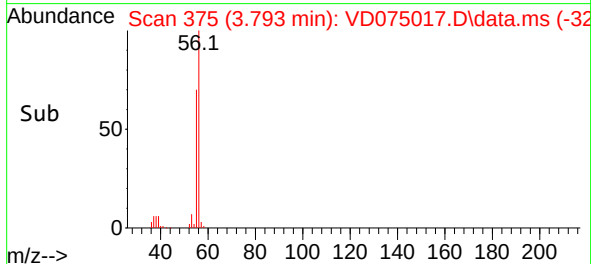
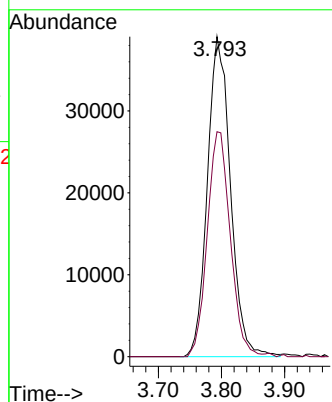
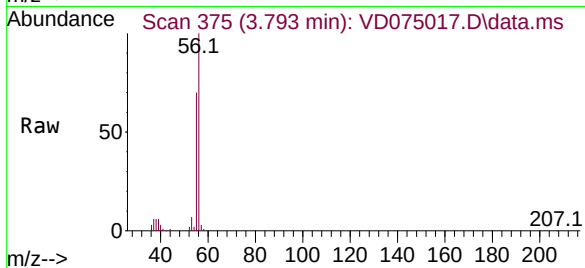
VSTDIC100

Tgt Ion: 56 Resp: 99288

Ion Ratio Lower Upper

56 100

55 70.0 55.9 83.9



#14

Allyl chloride

Concen: 94.677 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

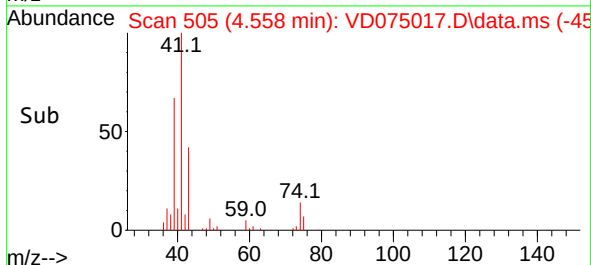
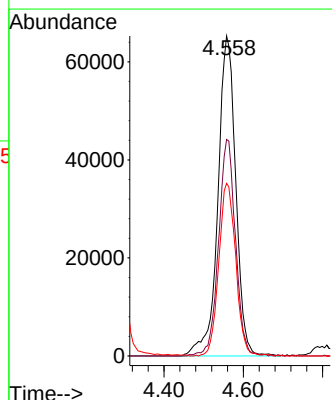
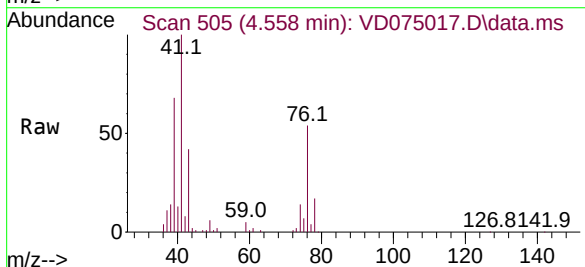
Tgt Ion: 41 Resp: 204500

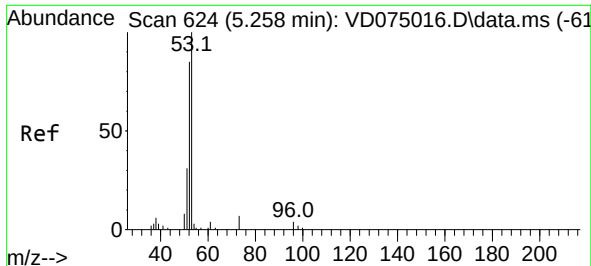
Ion Ratio Lower Upper

41 100

39 64.0 51.7 77.5

76 51.0 40.7 61.1

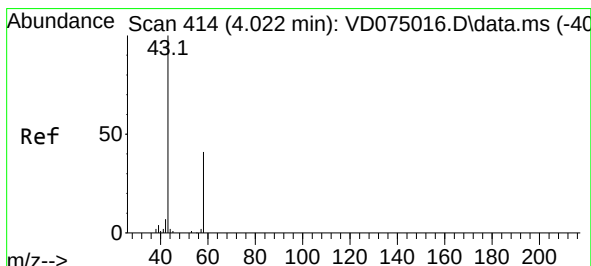
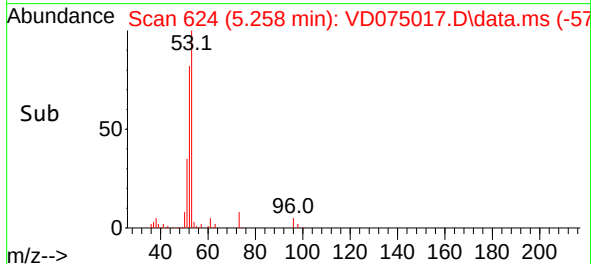
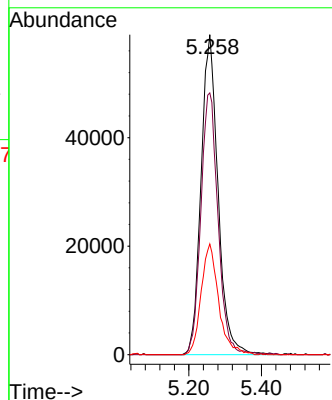
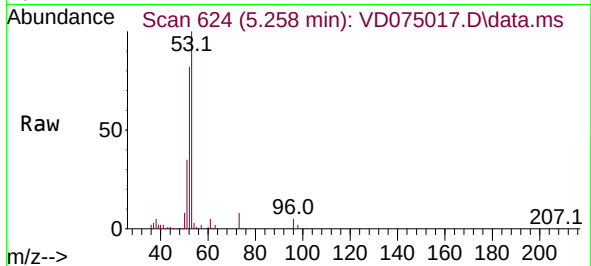




#15
Acrylonitrile
Concen: 502.805 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

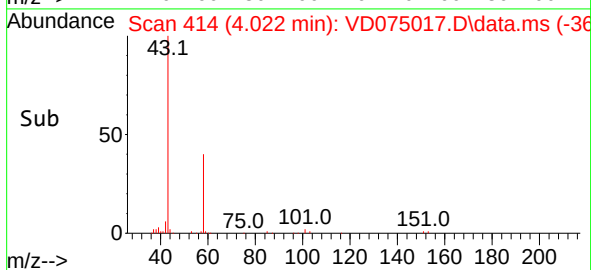
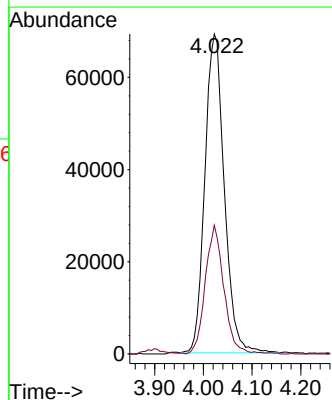
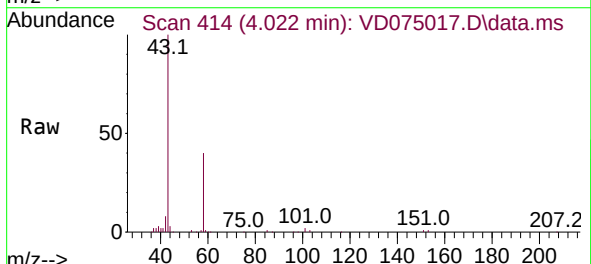
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

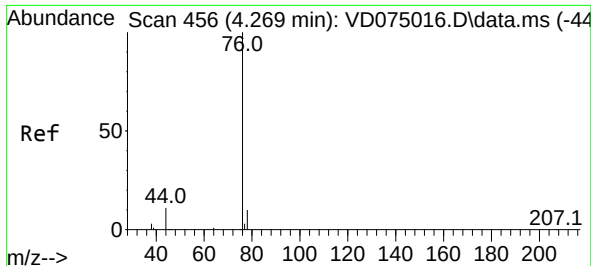
Tgt Ion: 53 Resp: 192038
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 35.6 28.4 42.6



#16
Acetone
Concen: 501.834 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 43 Resp: 191540
Ion Ratio Lower Upper
43 100
58 40.4 33.0 49.6

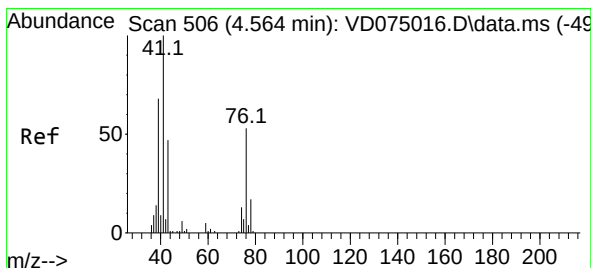
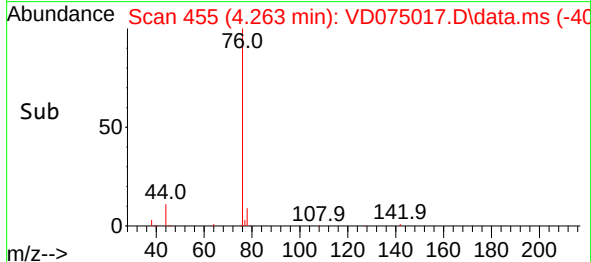
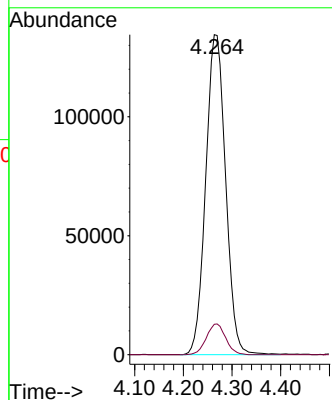
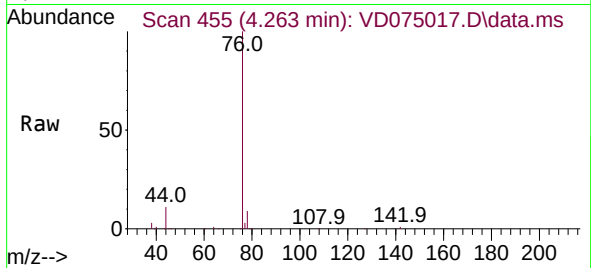




#17
Carbon Disulfide
Concen: 88.458 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

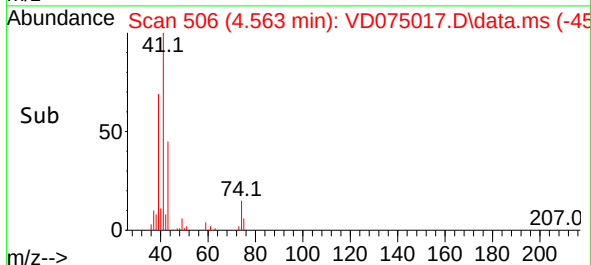
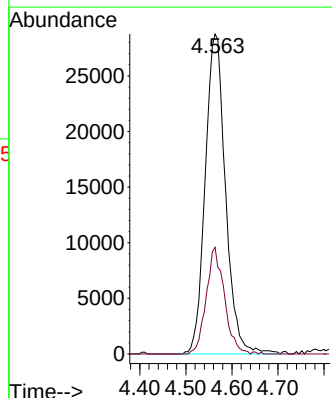
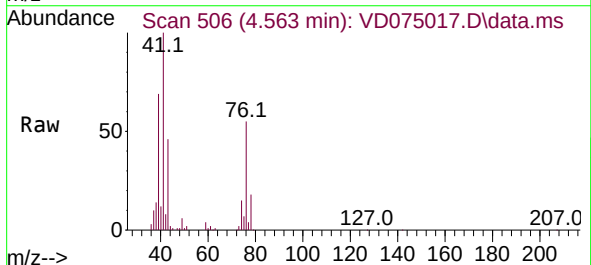
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

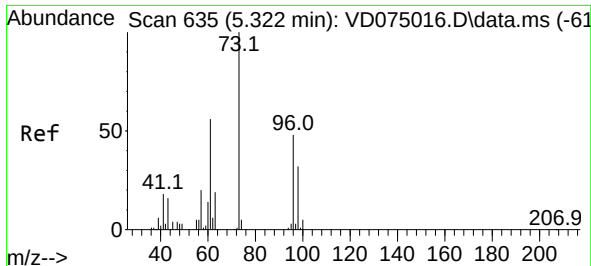
Tgt Ion: 76 Resp: 380995
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 83.871 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 43 Resp: 88264
Ion Ratio Lower Upper
43 100
74 29.8 23.9 35.9

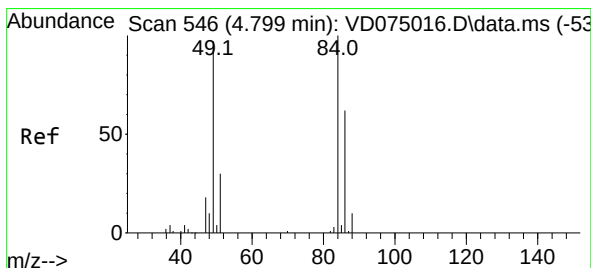
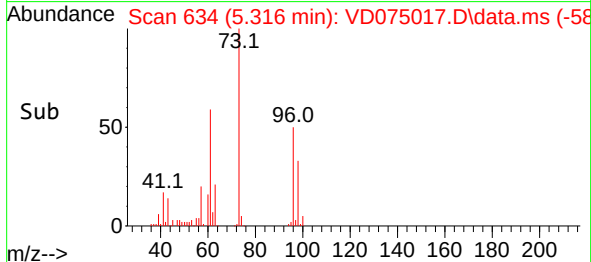
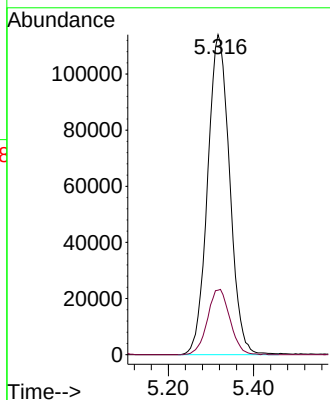
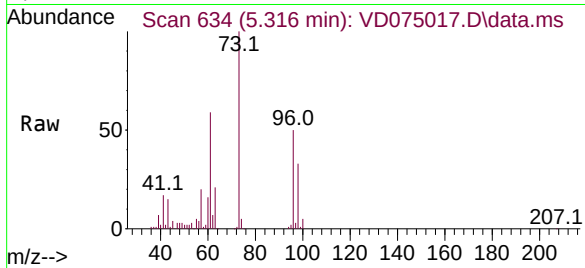




#19
Methyl tert-butyl Ether
Concen: 102.050 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

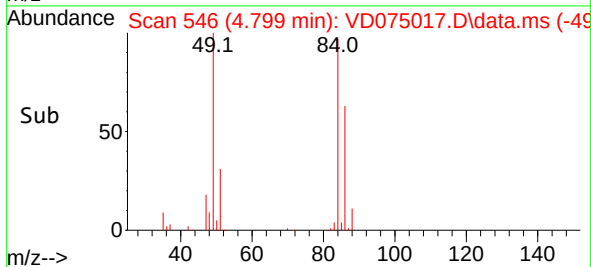
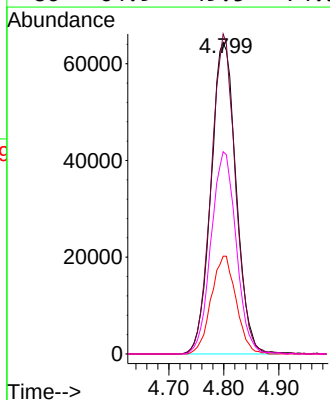
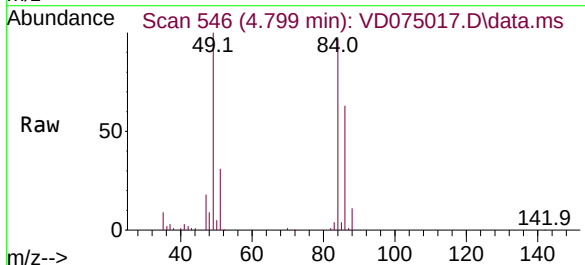
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

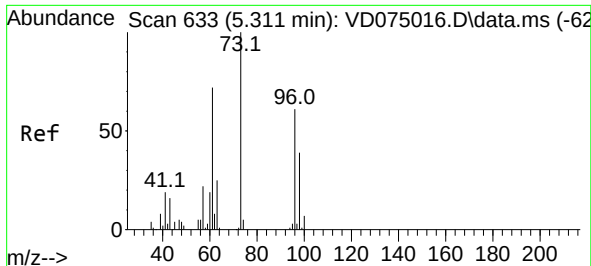
Tgt Ion: 73 Resp: 410251
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6



#20
Methylene Chloride
Concen: 69.374 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 84 Resp: 204322
Ion Ratio Lower Upper
84 100
49 102.7 77.3 115.9
51 31.4 23.8 35.8
86 64.9 49.5 74.3

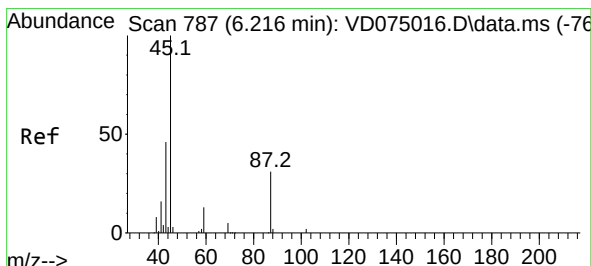
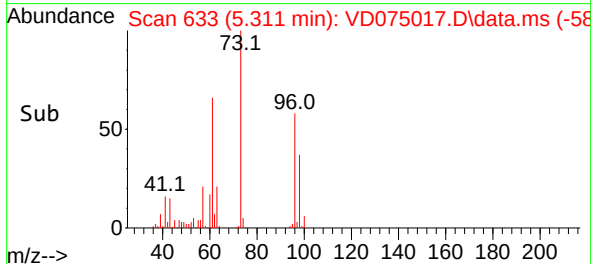
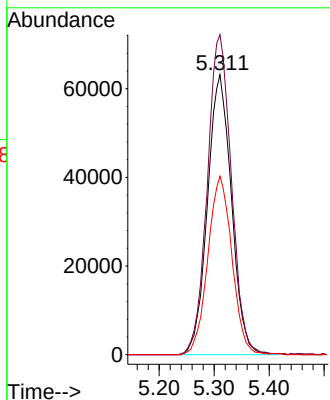
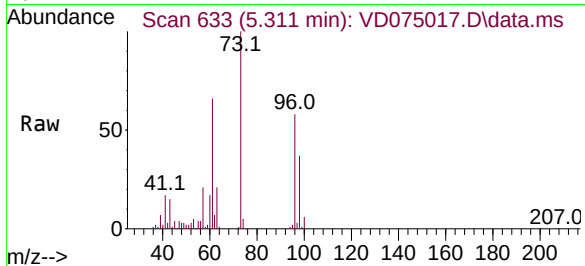




#21
trans-1,2-Dichloroethene
Concen: 93.064 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

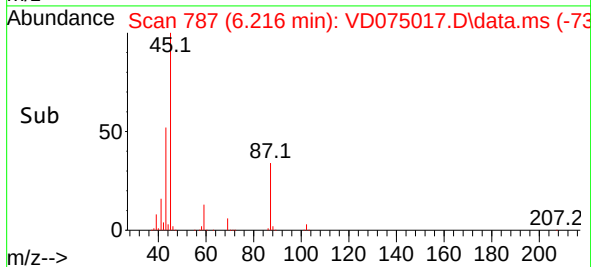
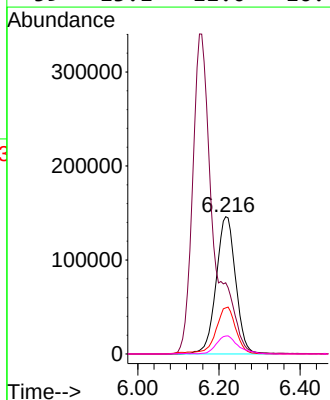
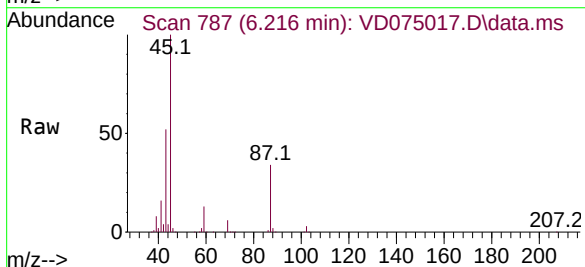
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

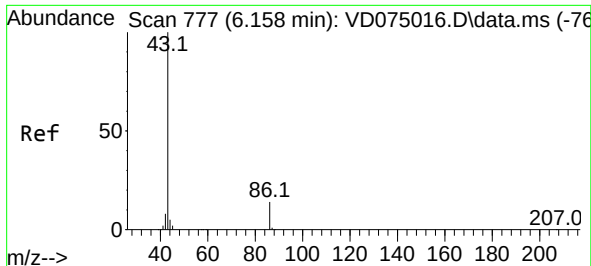
Tgt Ion: 96 Resp: 191776
Ion Ratio Lower Upper
96 100
61 114.3 94.6 142.0
98 63.7 51.0 76.6



#22
Diisopropyl ether
Concen: 98.906 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 45 Resp: 488795
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 33.4 25.8 38.8
59 13.1 11.0 16.4

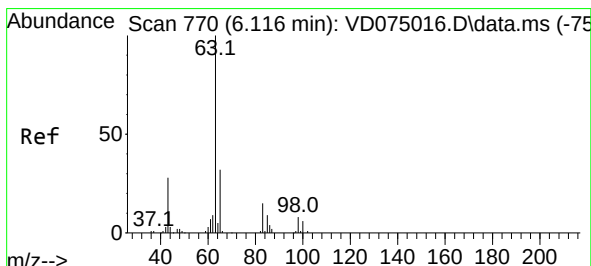
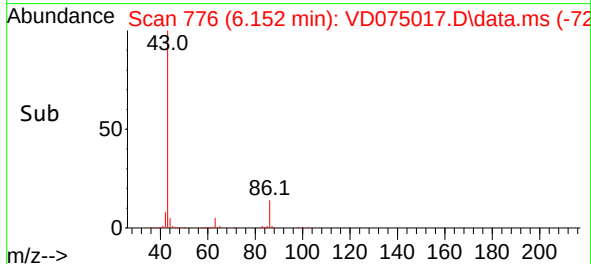
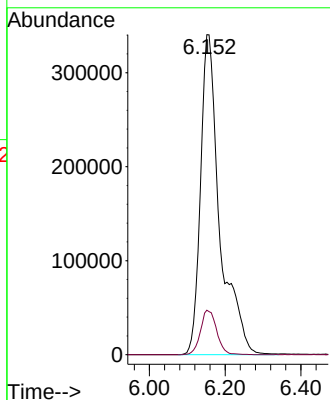
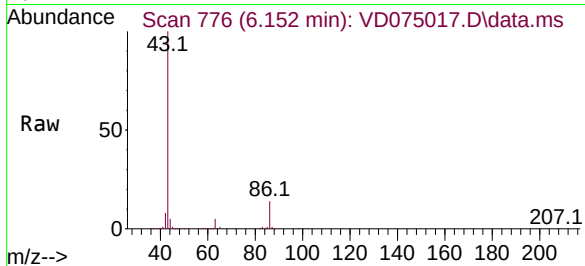




#23
 Vinyl Acetate
 Concen: 581.101 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

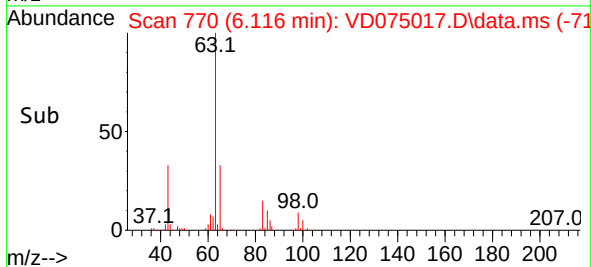
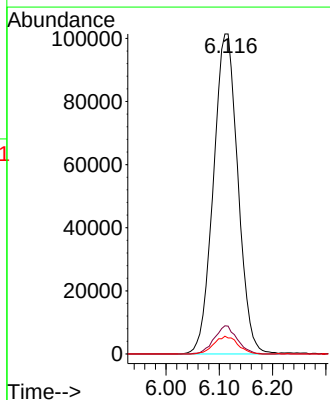
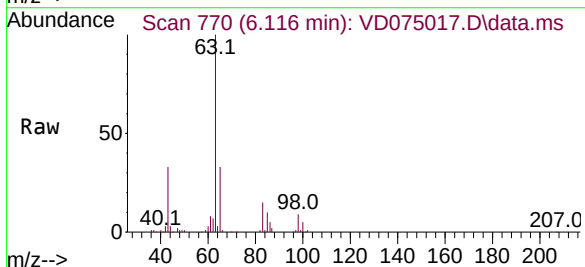
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

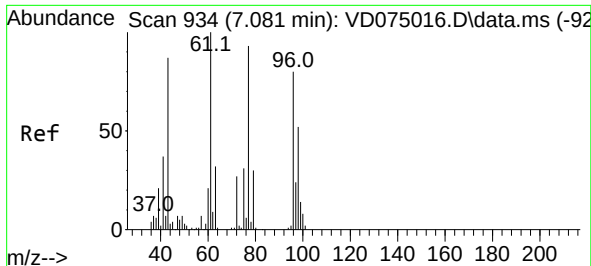
Tgt Ion: 43 Resp: 1204973
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 92.277 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

Tgt Ion: 63 Resp: 323632
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.2 12.4
 100 5.0 3.1 9.3

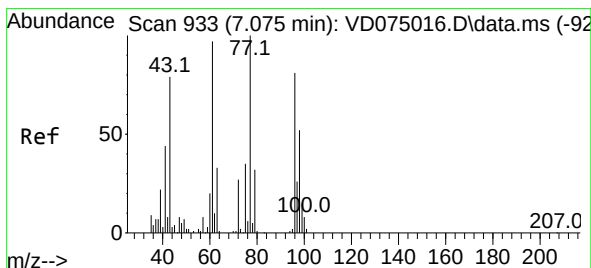
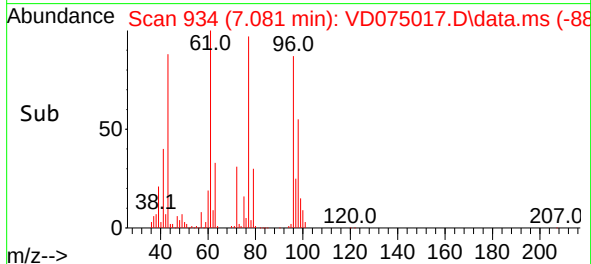
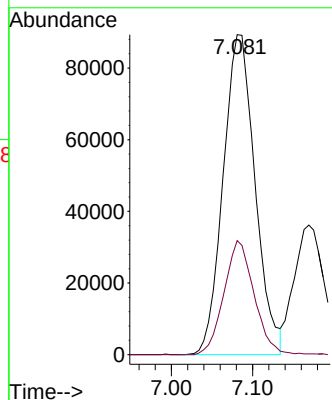
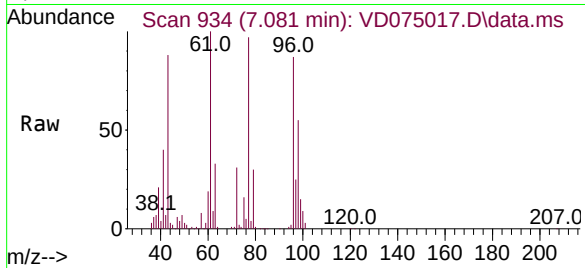




#25
2-Butanone
Concen: 508.714 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

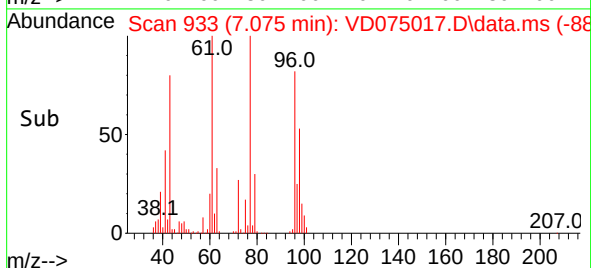
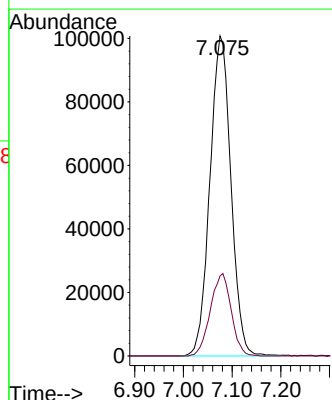
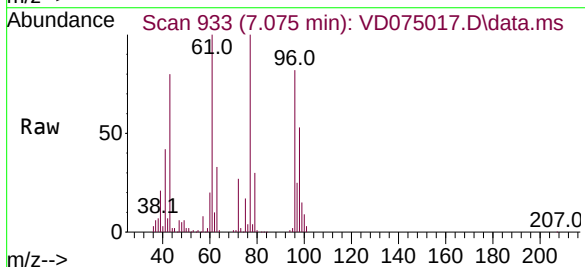
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

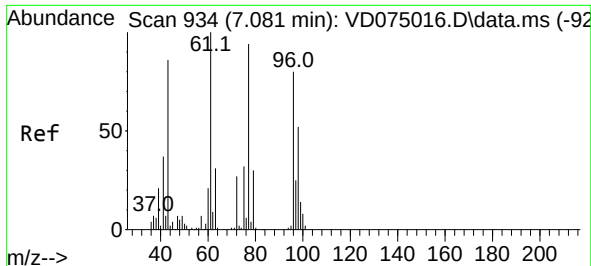
Tgt Ion: 43 Resp: 244549
Ion Ratio Lower Upper
43 100
72 35.7 25.2 37.8



#26
2,2-Dichloropropane
Concen: 91.626 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 77 Resp: 302007
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 96.183 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

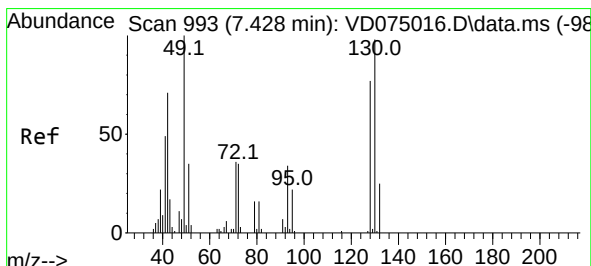
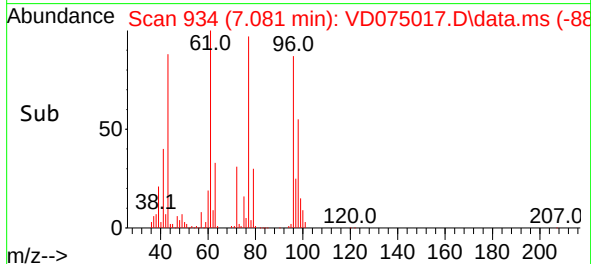
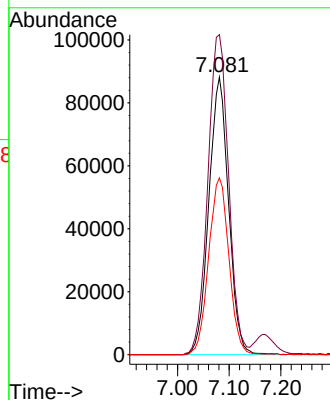
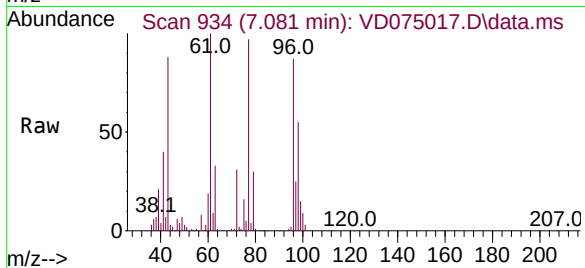
Tgt Ion: 96 Resp: 234295

Ion Ratio Lower Upper

96 100

61 121.2 0.0 245.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 93.190 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

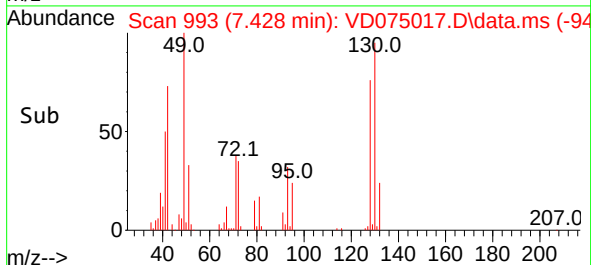
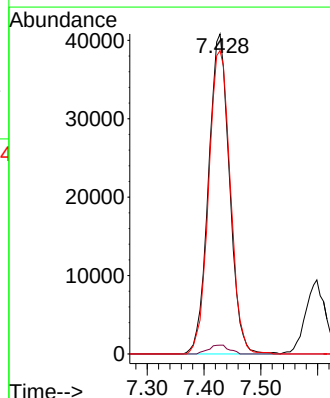
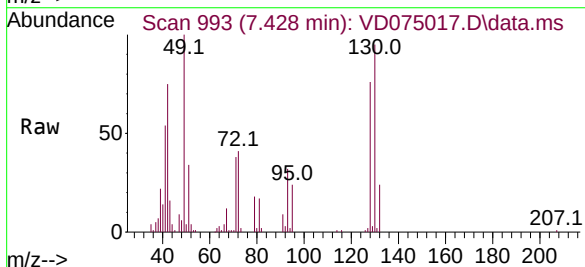
Tgt Ion: 49 Resp: 104514

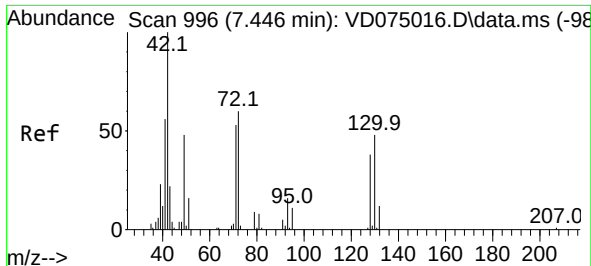
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.4

130 97.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 525.803 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

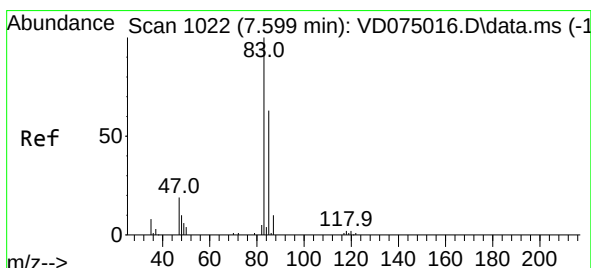
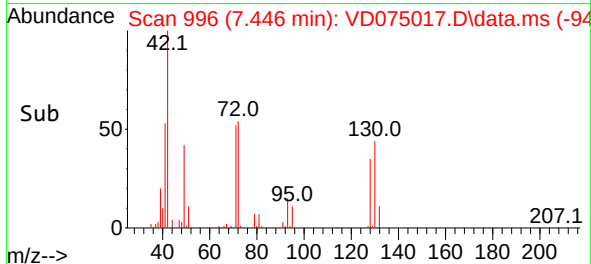
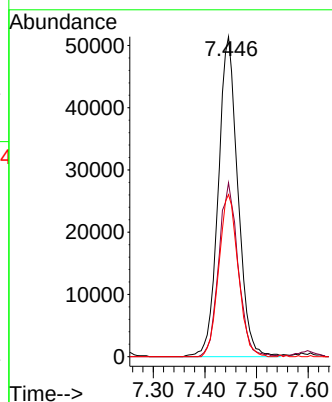
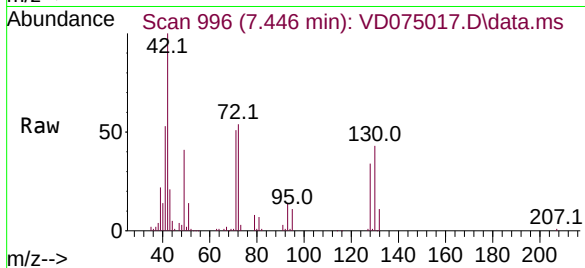
Tgt Ion: 42 Resp: 135294

Ion Ratio Lower Upper

42 100

72 53.6 44.4 66.6

71 50.3 41.4 62.0



#30

Chloroform

Concen: 92.938 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075017.D

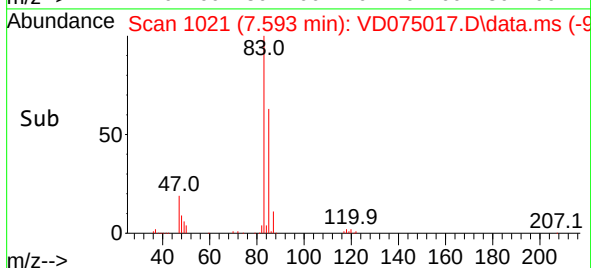
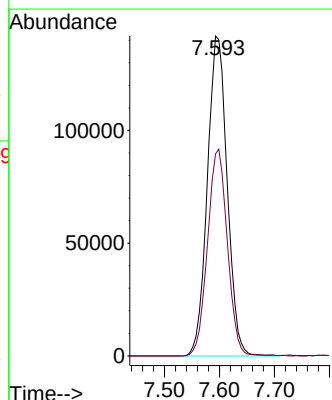
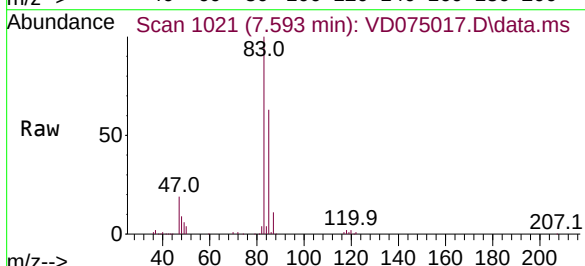
Acq: 14 Dec 2022 12:29

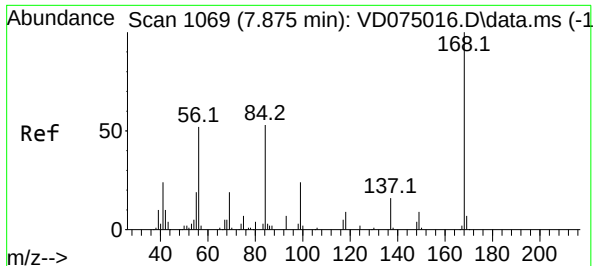
Tgt Ion: 83 Resp: 355453

Ion Ratio Lower Upper

83 100

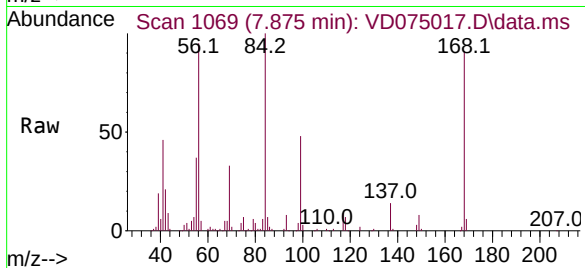
85 63.2 50.8 76.2



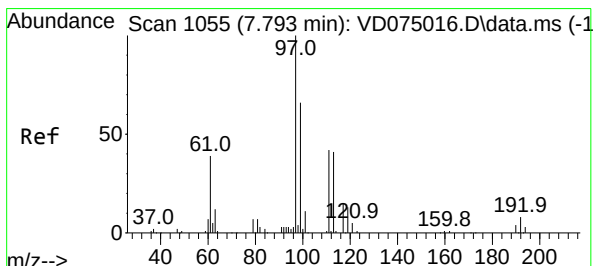
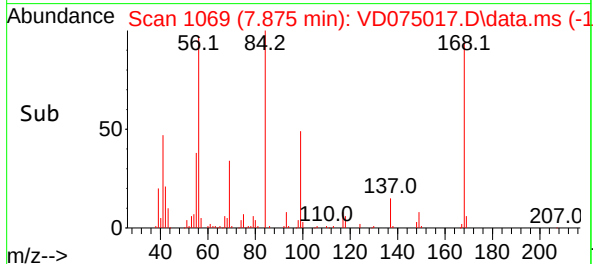
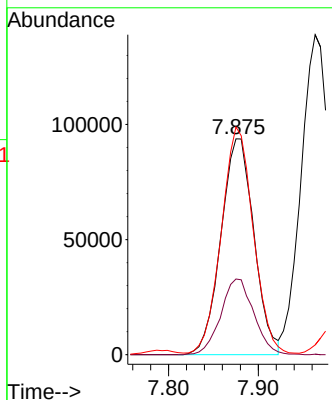


#31
Cyclohexane
Concen: 91.419 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

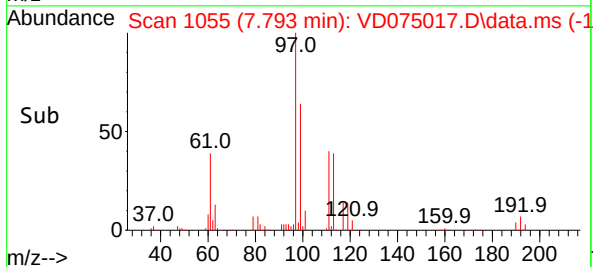
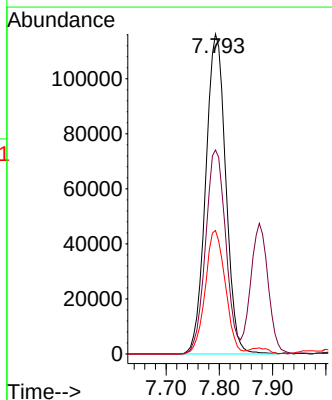
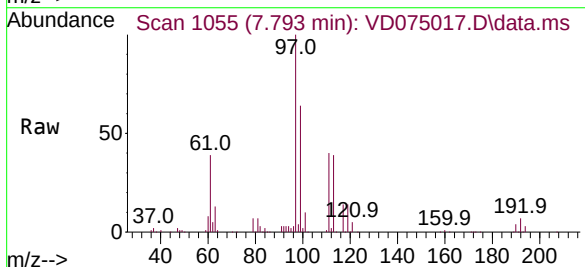


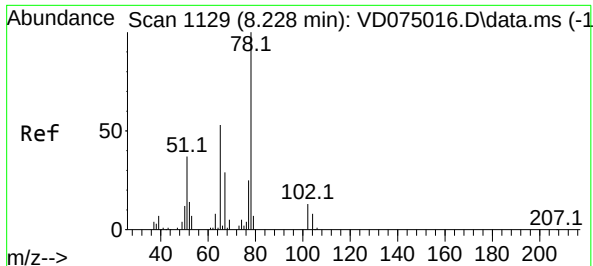
Tgt Ion: 56 Resp: 240363
Ion Ratio Lower Upper
56 100
69 35.0 29.0 43.6
84 104.5 81.0 121.6



#32
1,1,1-Trichloroethane
Concen: 93.024 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 97 Resp: 304368
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 38.6 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 84.638 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

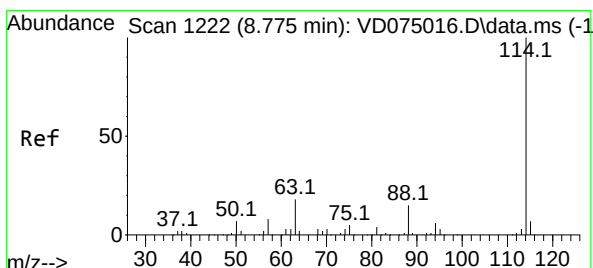
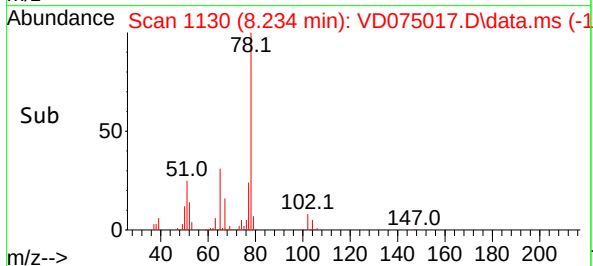
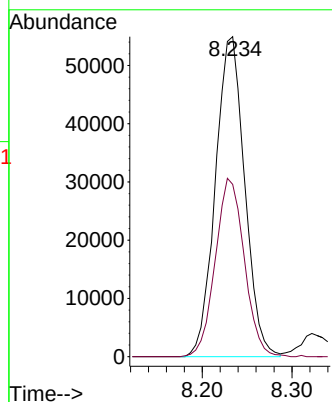
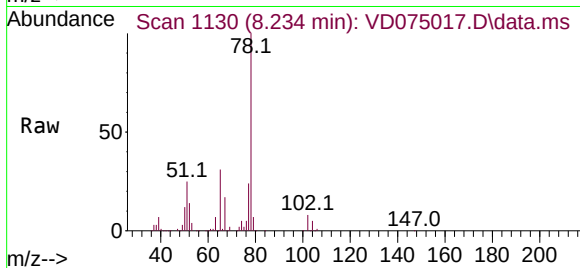
VSTDIC100

Tgt Ion: 65 Resp: 124483

Ion Ratio Lower Upper

65 100

67 55.2 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

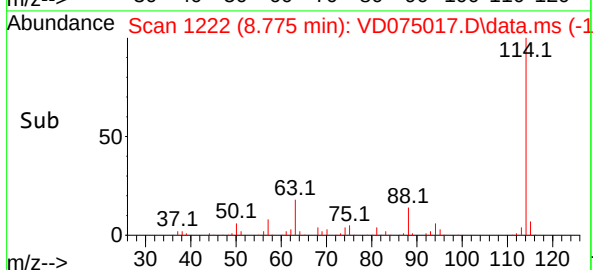
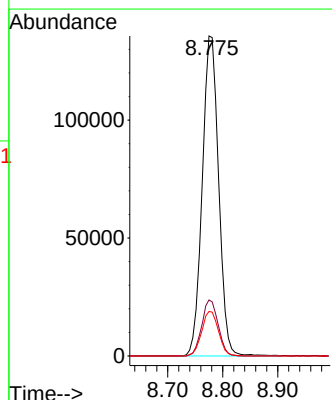
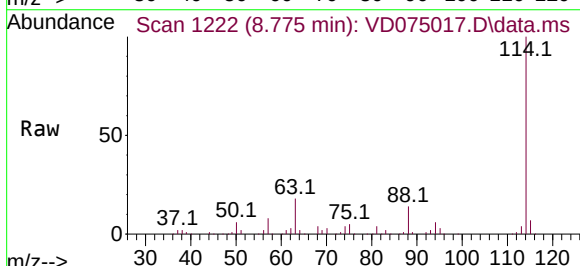
Tgt Ion: 114 Resp: 280849

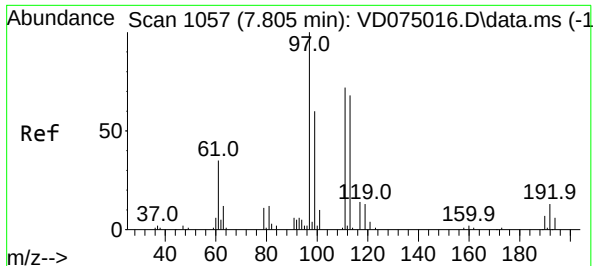
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 13.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 90.389 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

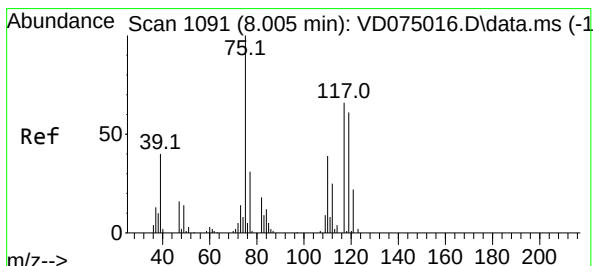
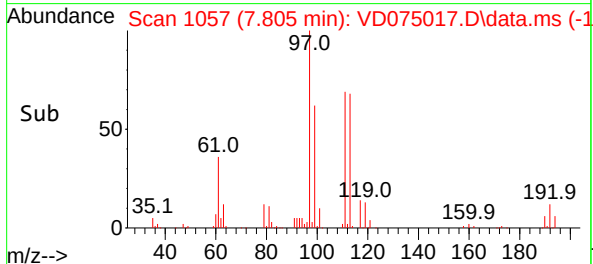
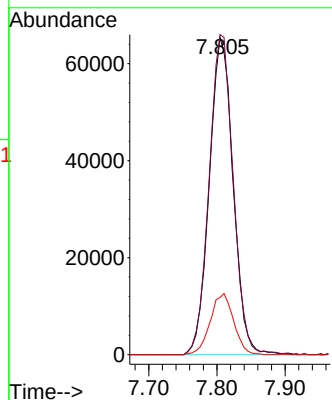
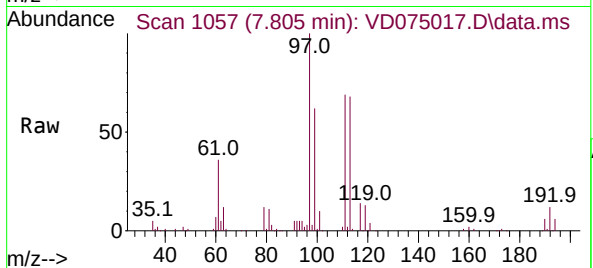
Tgt Ion:113 Resp: 158883

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 19.0 15.5 23.3



#36

1,1-Dichloropropene

Concen: 109.937 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

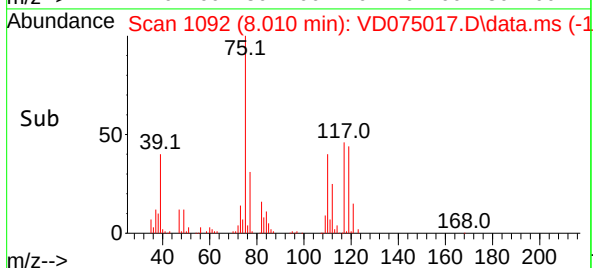
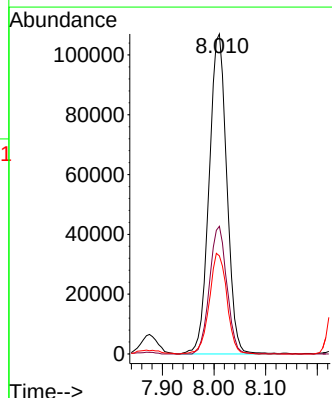
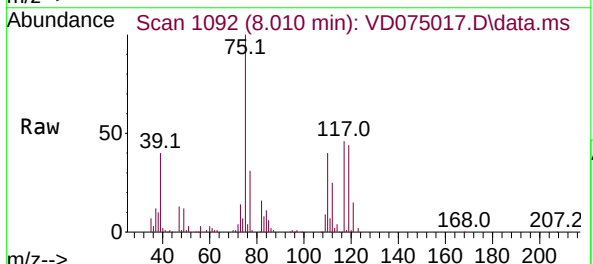
Tgt Ion: 75 Resp: 253912

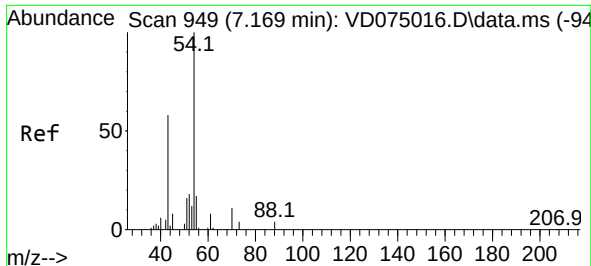
Ion Ratio Lower Upper

75 100

110 39.2 19.7 59.1

77 31.3 24.8 37.2

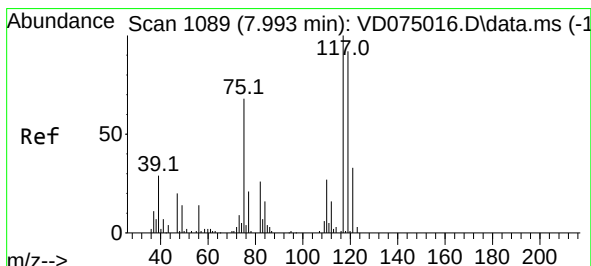
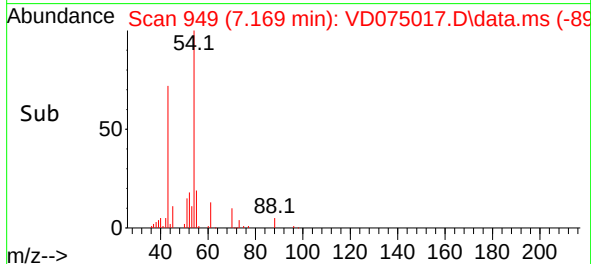
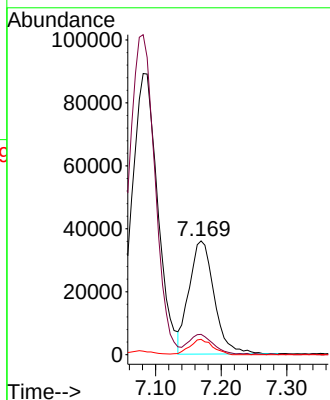
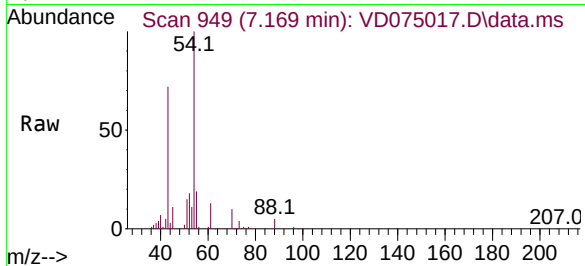




#37
Ethyl Acetate
Concen: 105.938 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

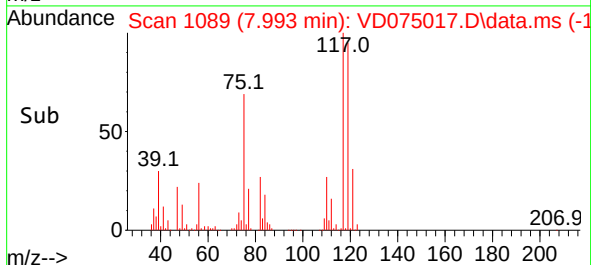
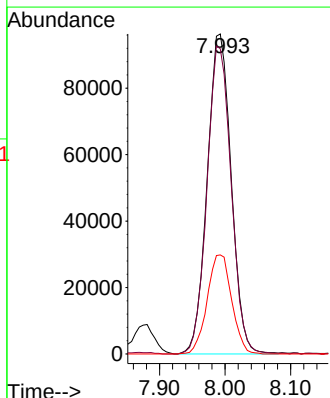
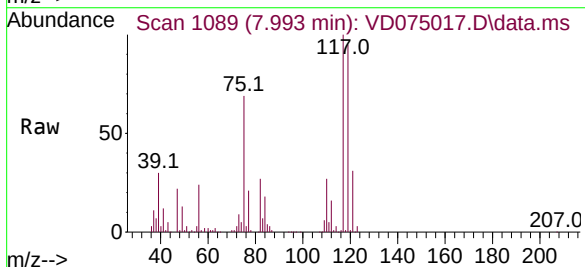
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

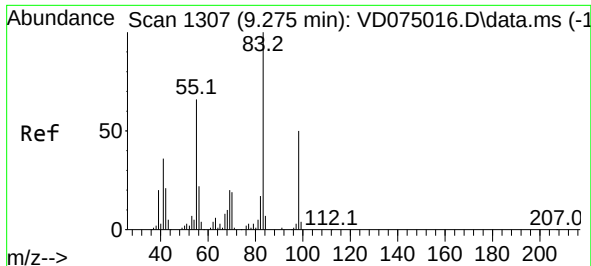
Tgt Ion: 43	Resp:	95750
Ion	Ratio	Lower Upper
43	100	
61	17.8	13.8 20.8
70	12.4	10.6 15.8



#38
Carbon Tetrachloride
Concen: 113.344 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 117	Resp:	244897
Ion	Ratio	Lower Upper
117	100	
119	95.4	73.2 109.8
121	31.0	26.1 39.1





#39

Methylcyclohexane

Concen: 105.059 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

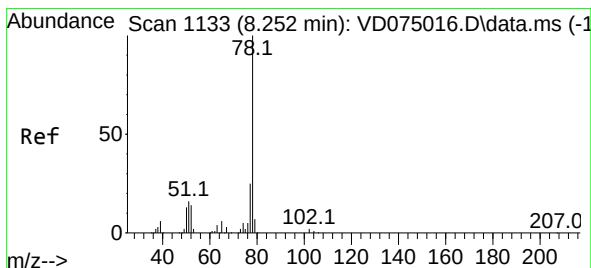
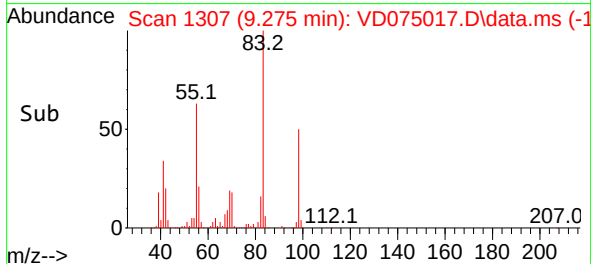
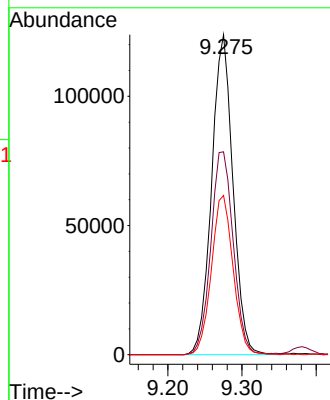
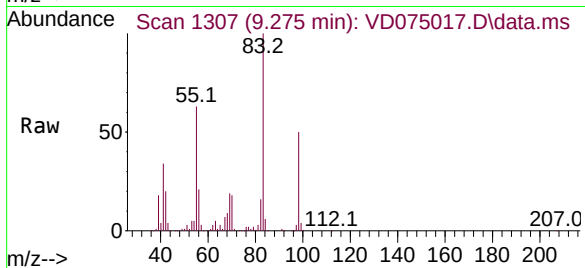
Tgt Ion: 83 Resp: 247032

Ion Ratio Lower Upper

83 100

55 63.4 52.9 79.3

98 49.8 40.2 60.2



#40

Benzene

Concen: 108.050 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075017.D

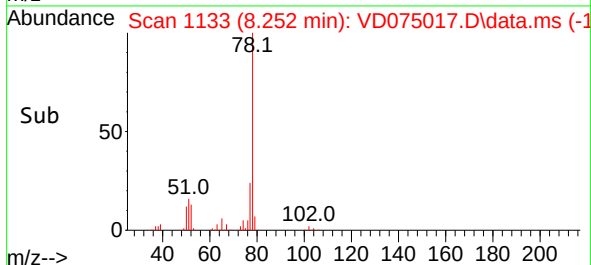
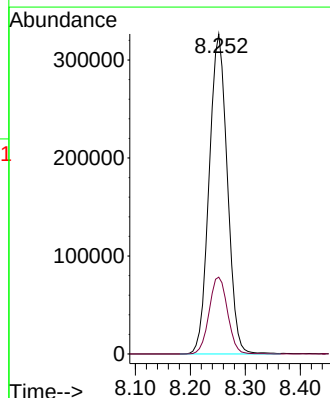
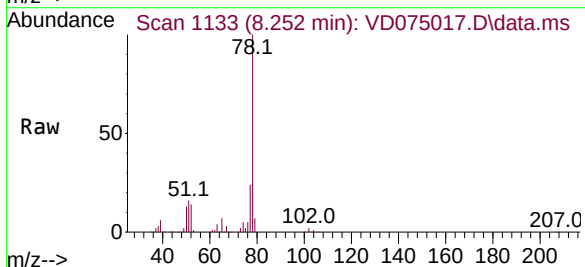
Acq: 14 Dec 2022 12:29

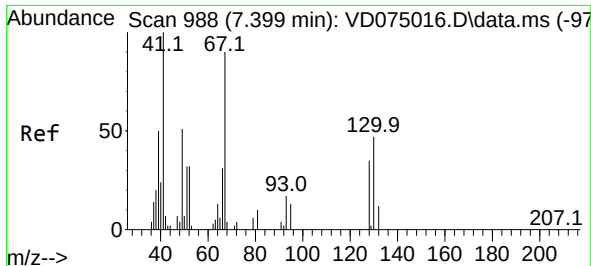
Tgt Ion: 78 Resp: 749532

Ion Ratio Lower Upper

78 100

77 24.0 20.2 30.2

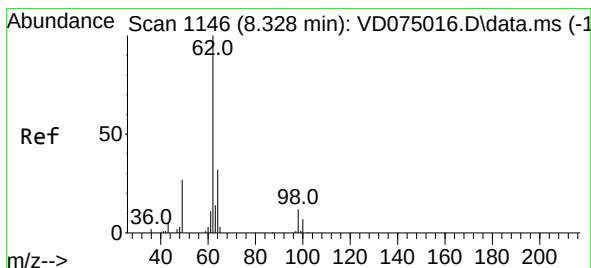
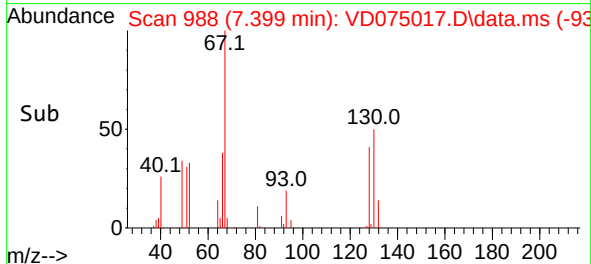
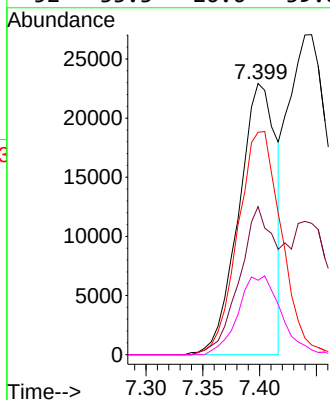
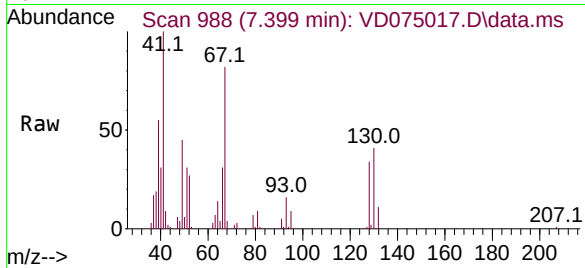




#41
Methacrylonitrile
Concen: 111.944 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

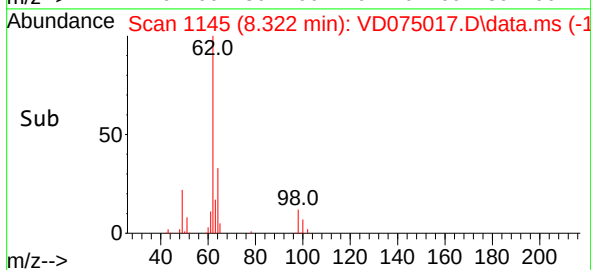
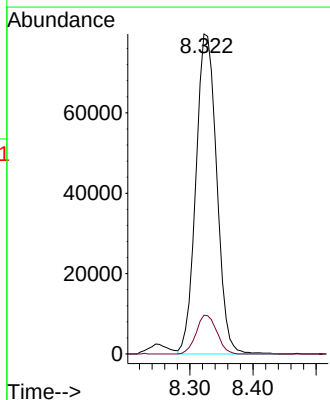
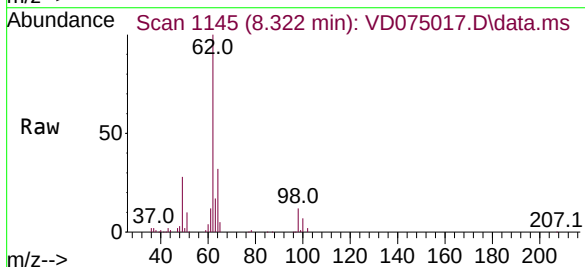
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

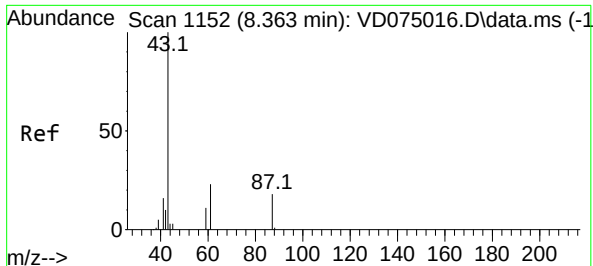
Tgt Ion: 41 Resp: 52452
Ion Ratio Lower Upper
41 100
39 51.7 45.9 68.9
67 95.8 76.0 114.0
52 33.3 26.6 39.8



#42
1,2-Dichloroethane
Concen: 109.599 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 62 Resp: 182427
Ion Ratio Lower Upper
62 100
98 12.0 0.0 23.4





#43

Isopropyl Acetate

Concen: 109.541 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

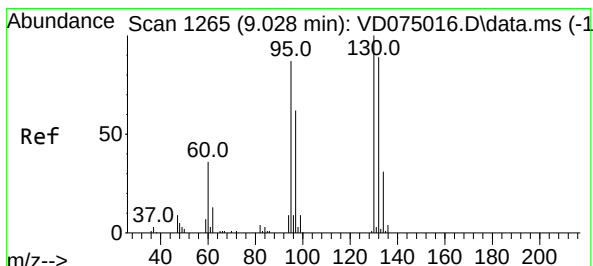
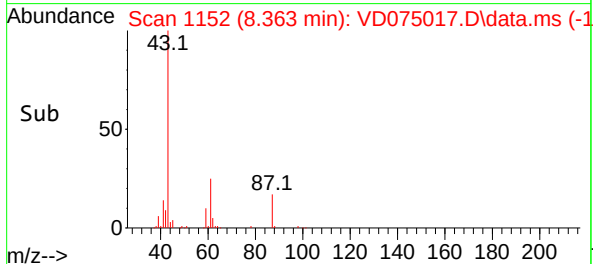
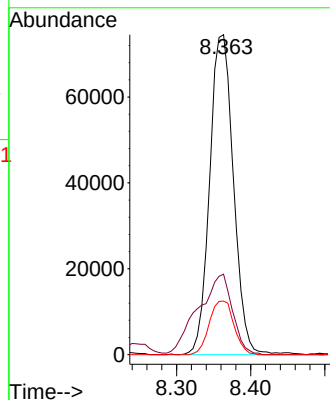
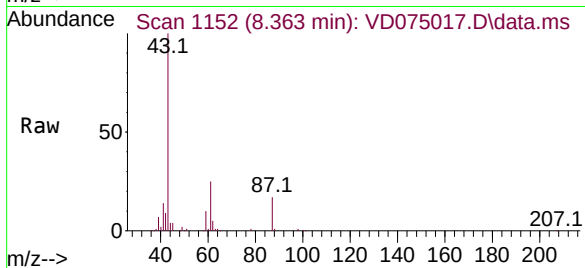
Tgt Ion: 43 Resp: 166077

Ion Ratio Lower Upper

43 100

61 36.4 28.2 42.2

87 17.4 13.8 20.6



#44

Trichloroethene

Concen: 97.674 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075017.D

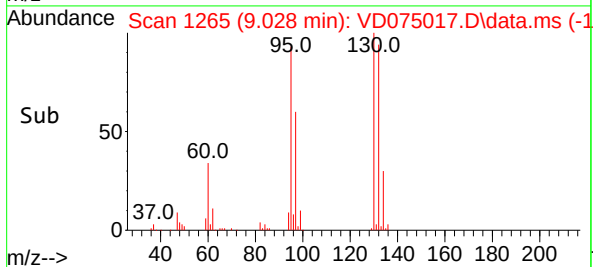
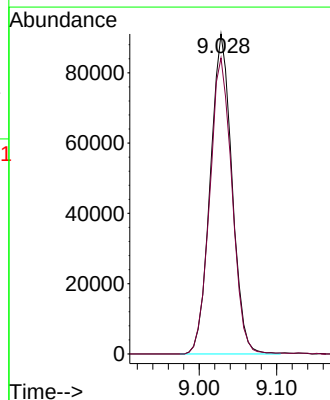
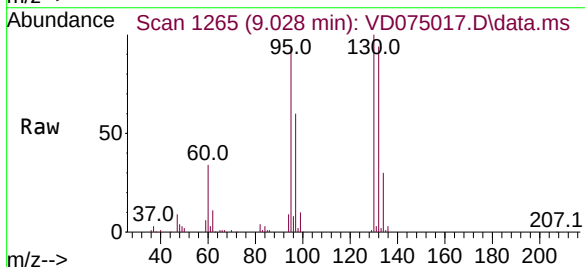
Acq: 14 Dec 2022 12:29

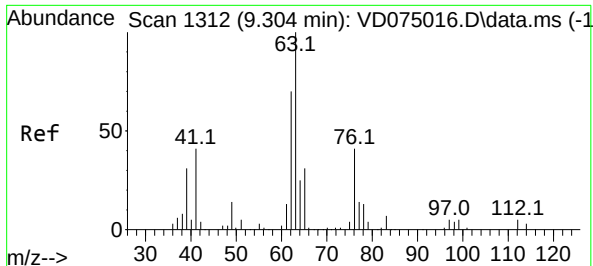
Tgt Ion:130 Resp: 177315

Ion Ratio Lower Upper

130 100

95 92.5 0.0 174.8





#45

1,2-Dichloropropane

Concen: 101.852 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

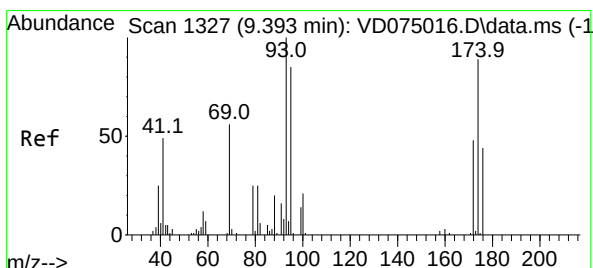
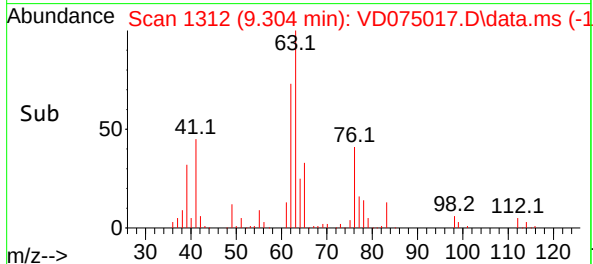
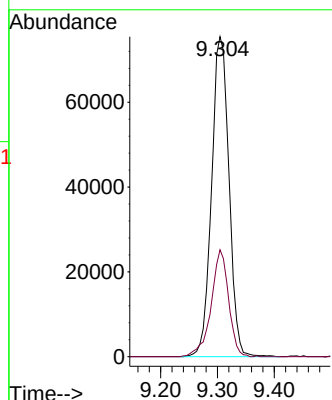
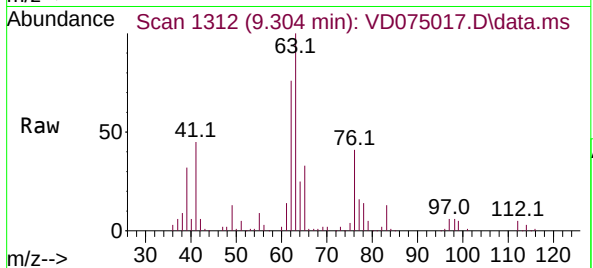
VSTDIC100

Tgt Ion: 63 Resp: 160184

Ion Ratio Lower Upper

63 100

65 33.4 25.2 37.8



#46

Dibromomethane

Concen: 103.774 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

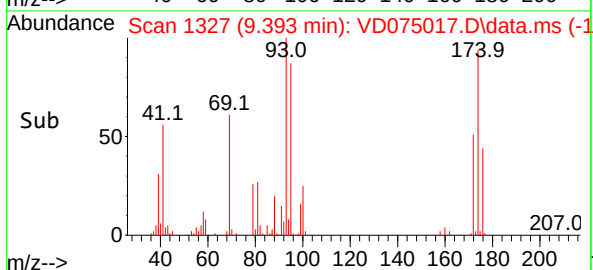
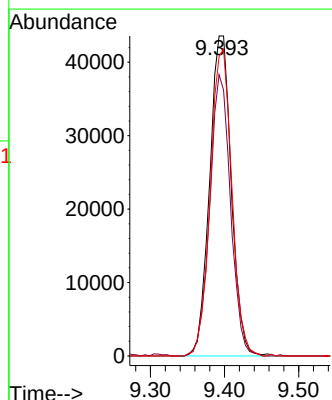
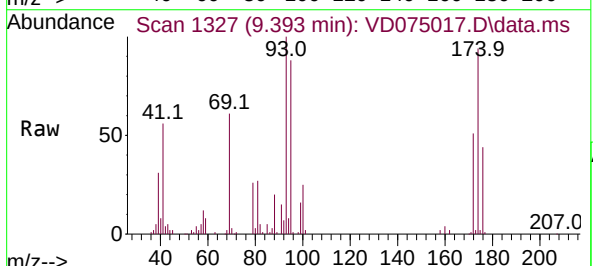
Tgt Ion: 93 Resp: 88667

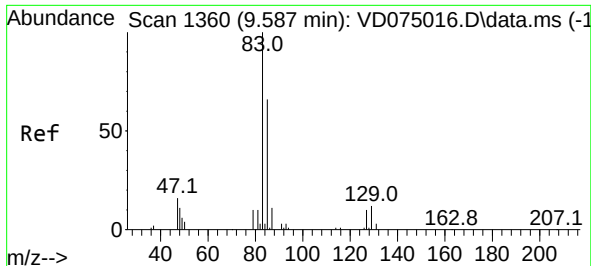
Ion Ratio Lower Upper

93 100

95 84.0 66.3 99.5

174 94.8 74.7 112.1

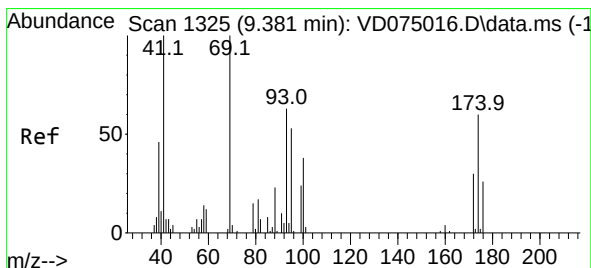
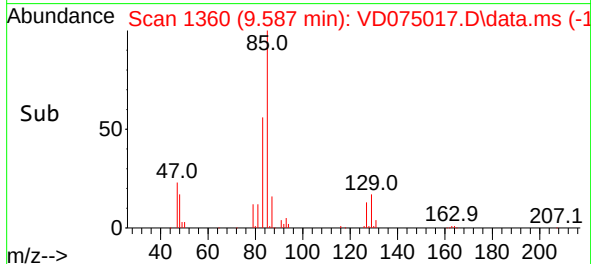
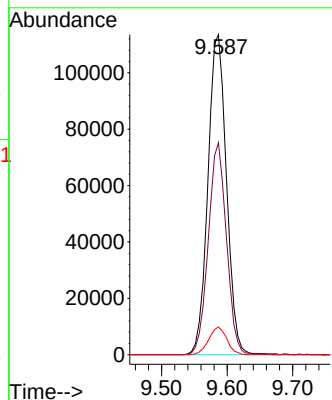
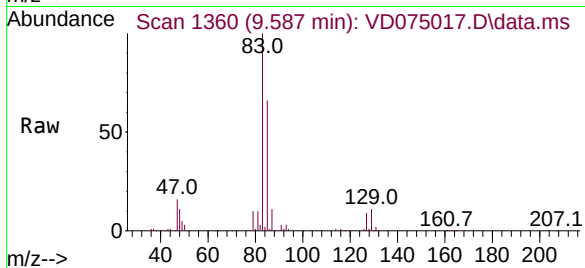




#47
Bromodichloromethane
Concen: 102.975 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

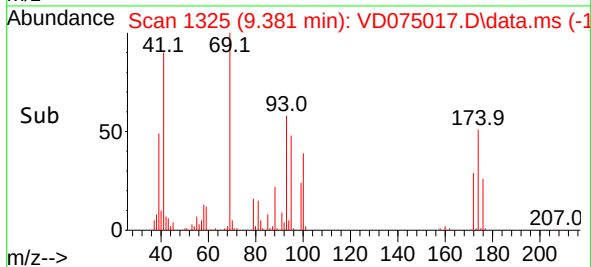
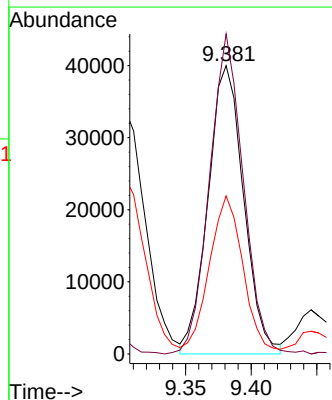
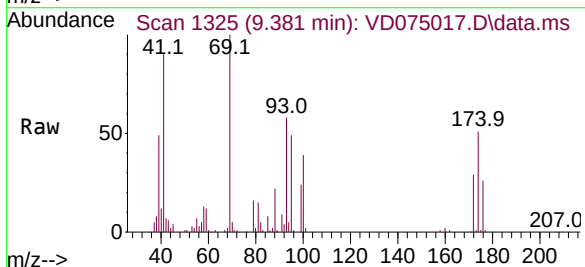
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

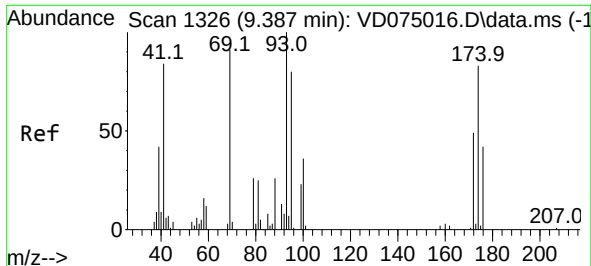
Tgt Ion: 83 Resp: 223351
Ion Ratio Lower Upper
83 100
85 66.3 53.0 79.6
127 8.6 8.1 12.1



#48
Methyl methacrylate
Concen: 113.513 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 41 Resp: 75549
Ion Ratio Lower Upper
41 100
69 105.4 87.0 130.4
39 49.2 43.6 65.4





#49

1,4-Dioxane

Concen: 2357.095 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

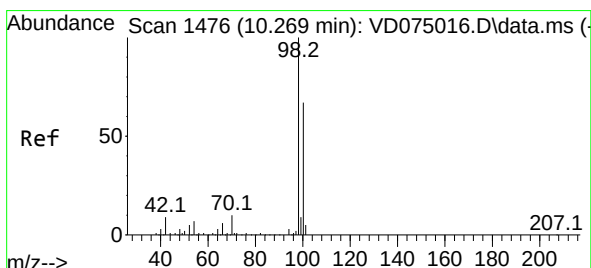
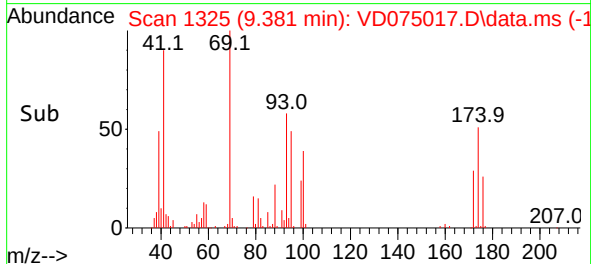
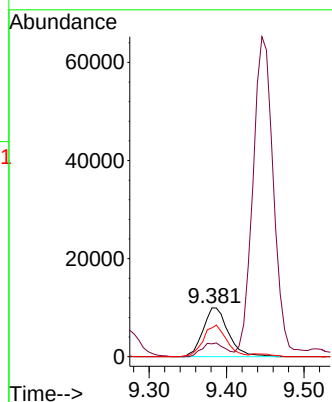
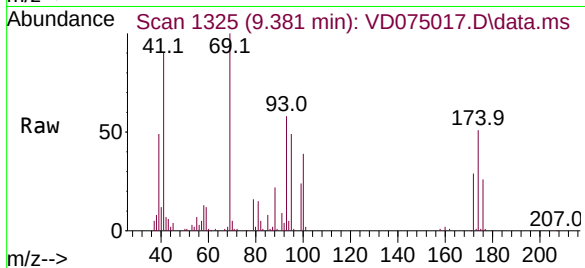
Tgt Ion: 88 Resp: 22543

Ion Ratio Lower Upper

88 100

43 26.7 22.3 33.5

58 59.8 47.3 70.9



#50

Toluene-d8

Concen: 85.042 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075017.D

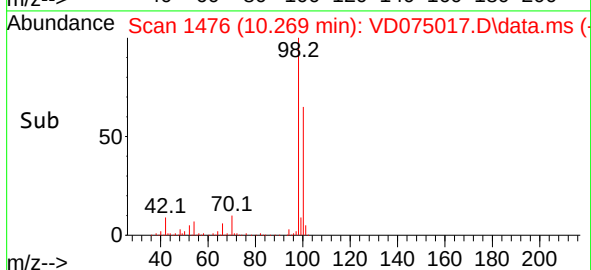
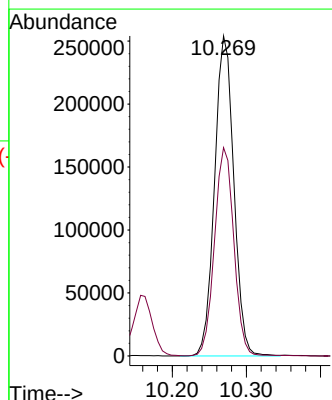
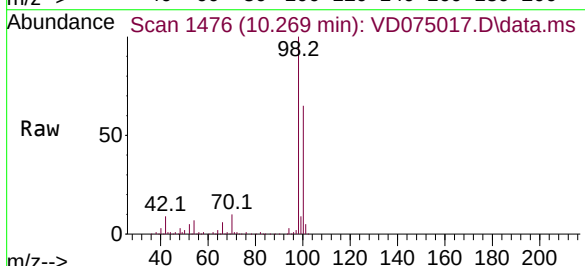
Acq: 14 Dec 2022 12:29

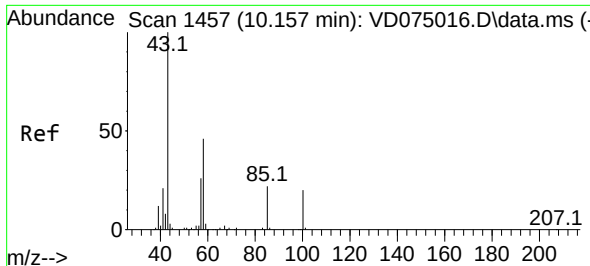
Tgt Ion: 98 Resp: 458240

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

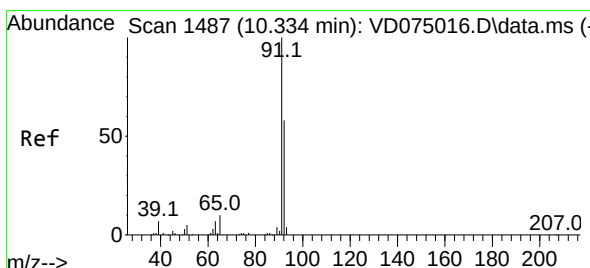
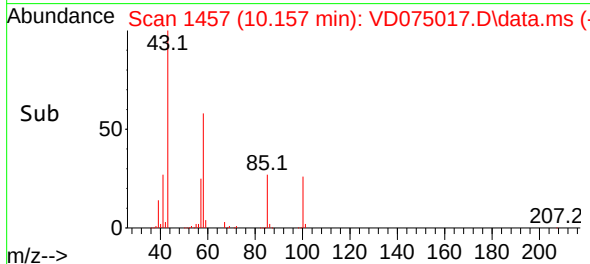
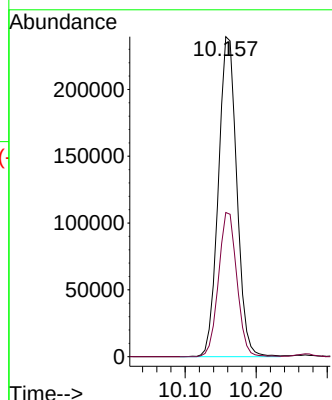
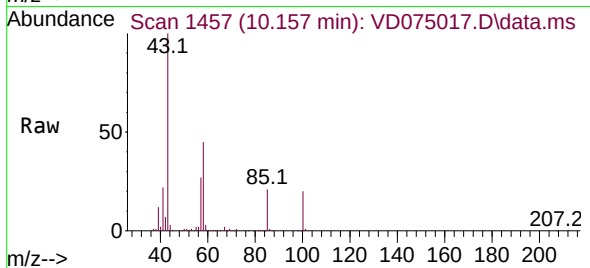




#51
4-Methyl-2-Pentanone
Concen: 568.621 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

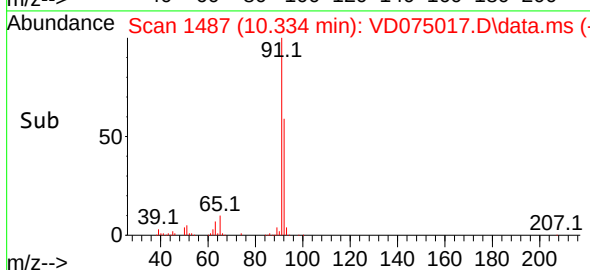
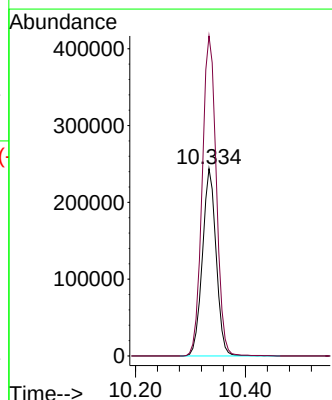
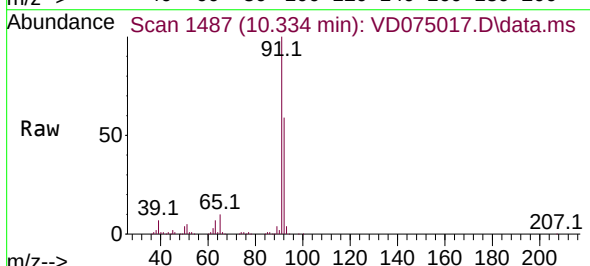
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

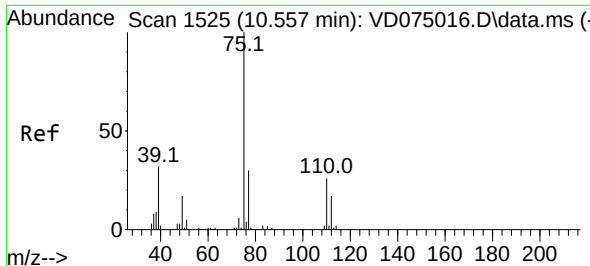
Tgt Ion: 43 Resp: 430900
Ion Ratio Lower Upper
43 100
58 44.8 35.8 53.6



#52
Toluene
Concen: 103.007 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 92 Resp: 422187
Ion Ratio Lower Upper
92 100
91 176.1 137.6 206.4

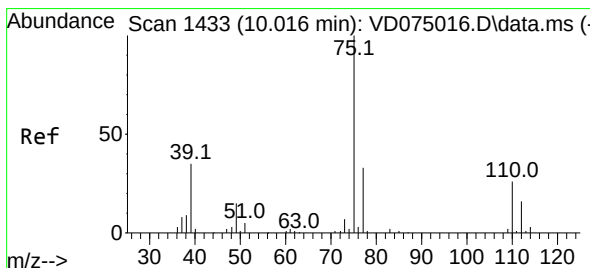
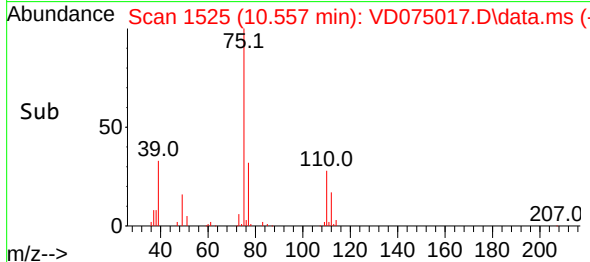
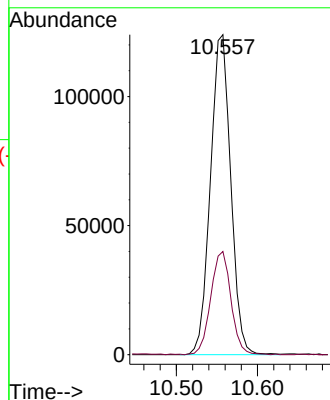
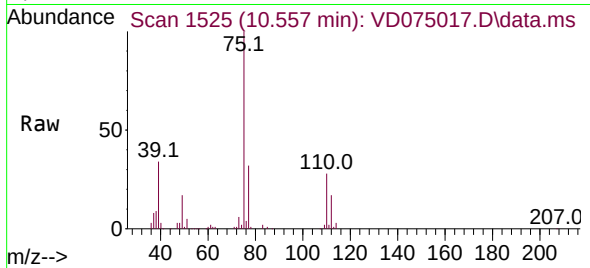




#53
 t-1,3-Dichloropropene
 Concen: 107.766 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

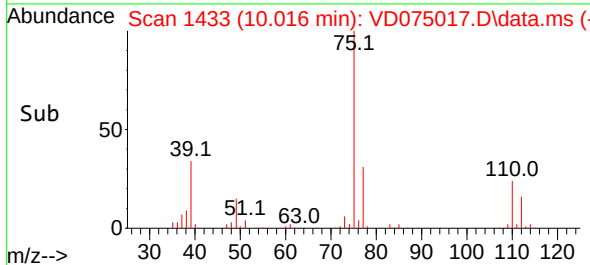
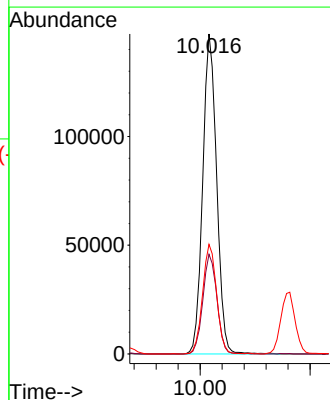
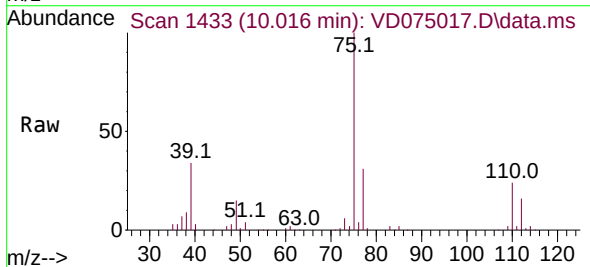
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

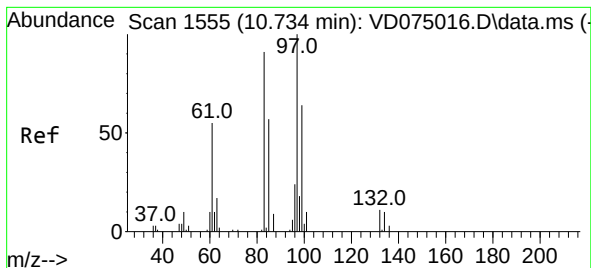
Tgt Ion: 75 Resp: 215432
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 106.800 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

Tgt Ion: 75 Resp: 259014
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.4
 39 34.2 28.3 42.5





#55

1,1,2-Trichloroethane

Concen: 104.138 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 129928

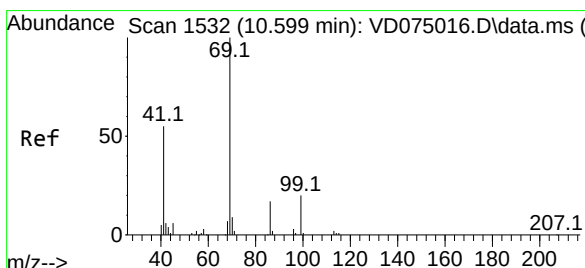
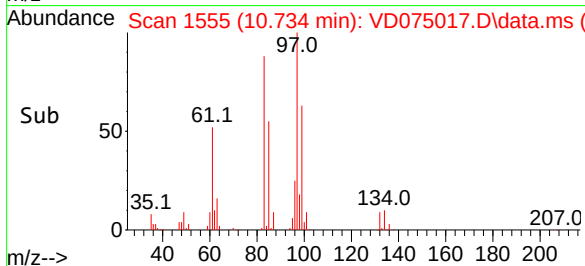
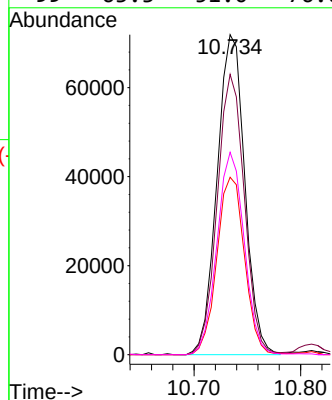
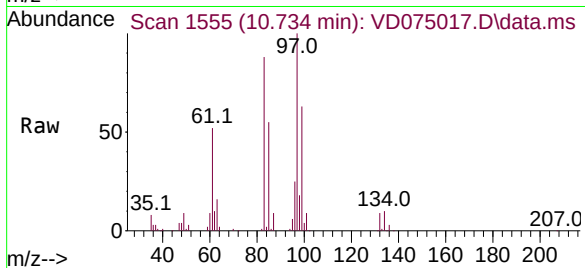
Ion Ratio Lower Upper

97 100

83 87.6 73.1 109.7

85 55.4 45.4 68.2

99 63.3 51.0 76.6



#56

Ethyl methacrylate

Concen: 116.677 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

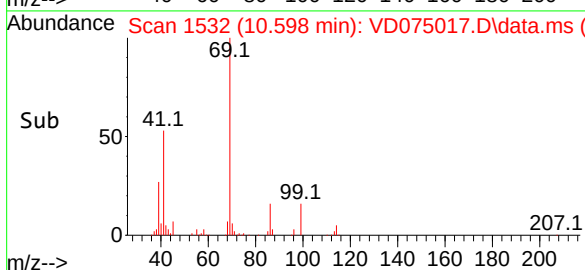
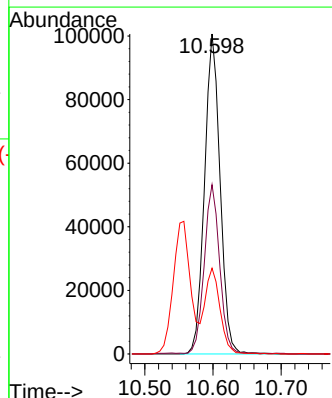
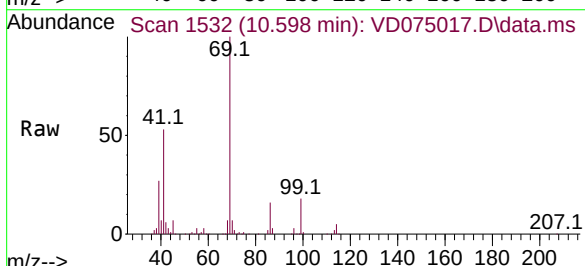
Tgt Ion: 69 Resp: 159812

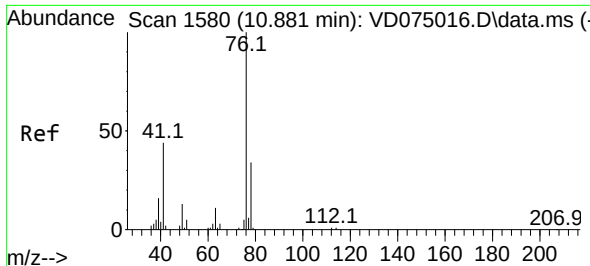
Ion Ratio Lower Upper

69 100

41 51.9 42.7 64.1

39 25.4 20.4 30.6





#57

1,3-Dichloropropane

Concen: 104.721 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

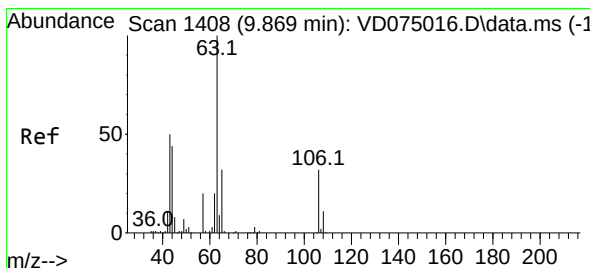
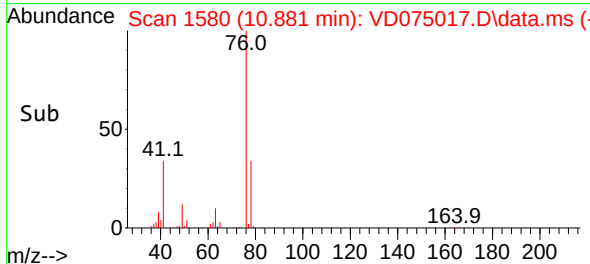
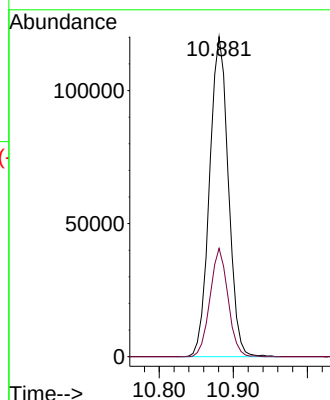
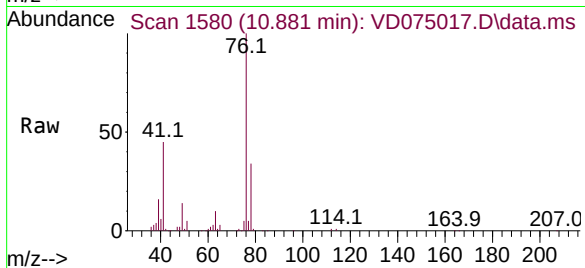
VSTDIC100

Tgt Ion: 76 Resp: 211660

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 584.039 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075017.D

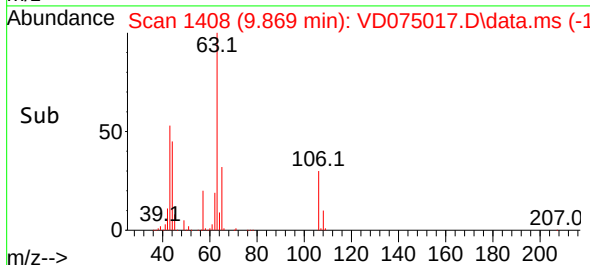
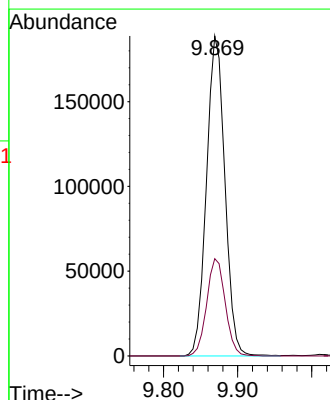
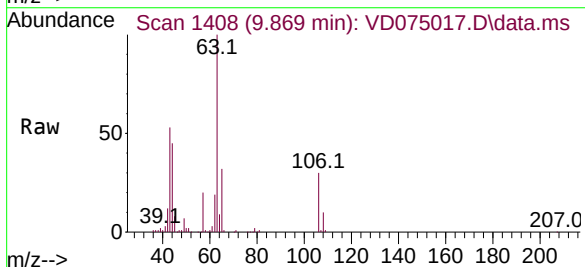
Acq: 14 Dec 2022 12:29

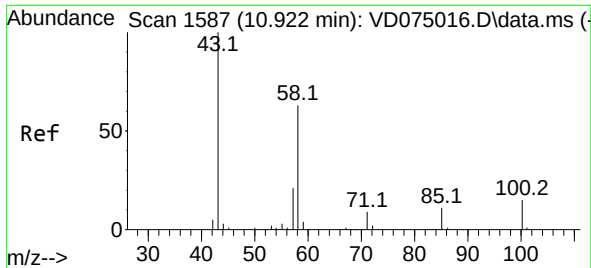
Tgt Ion: 63 Resp: 325073

Ion Ratio Lower Upper

63 100

106 30.6 25.0 37.4

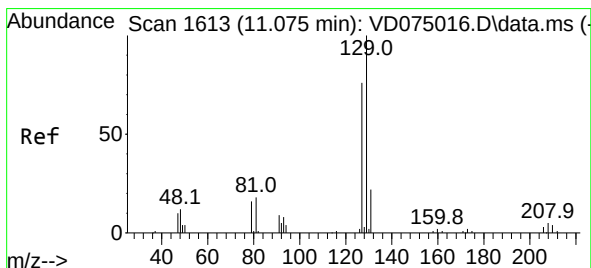
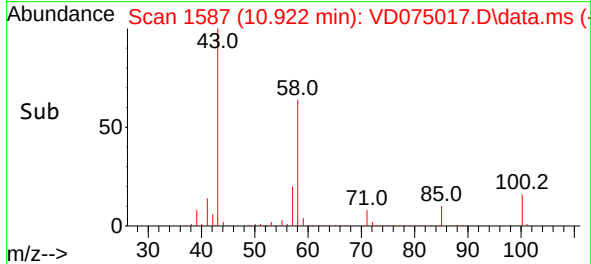
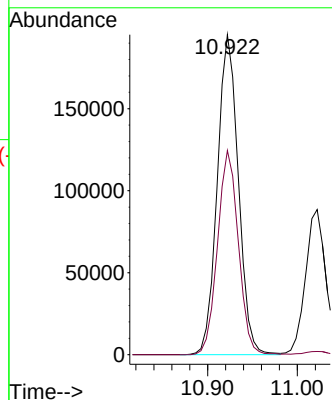
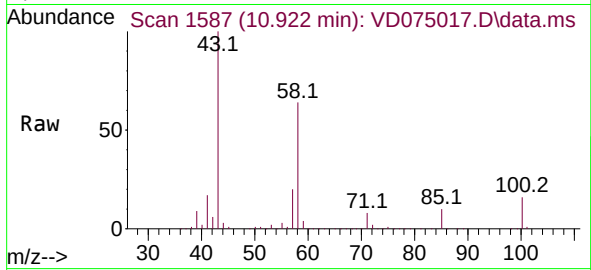




#59
2-Hexanone
Concen: 575.397 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

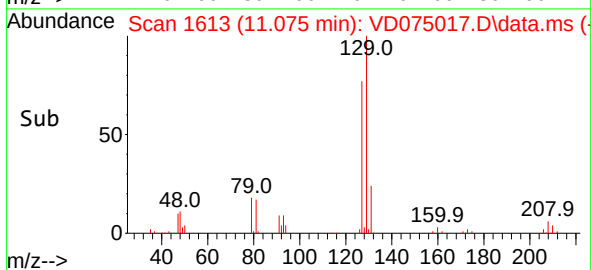
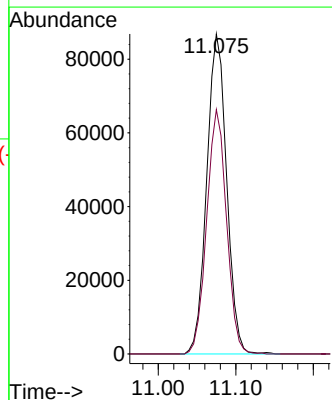
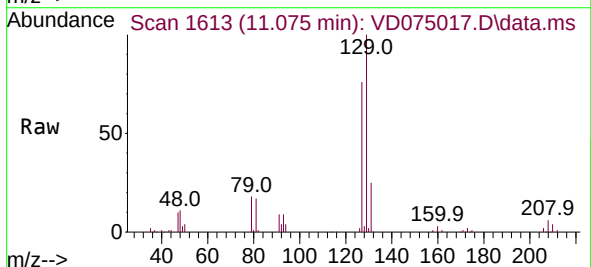
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

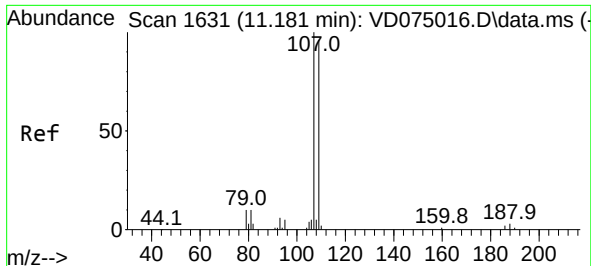
Tgt Ion: 43 Resp: 317550
Ion Ratio Lower Upper
43 100
58 63.2 31.4 94.3



#60
Dibromochloromethane
Concen: 106.119 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 129 Resp: 154650
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3

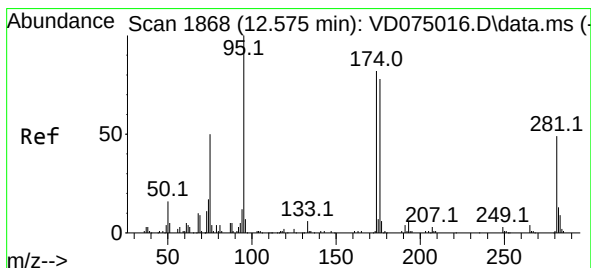
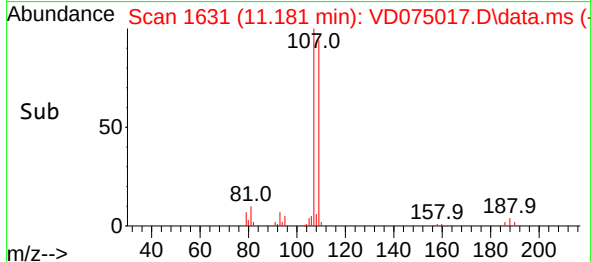
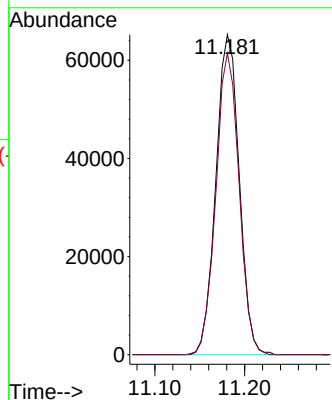
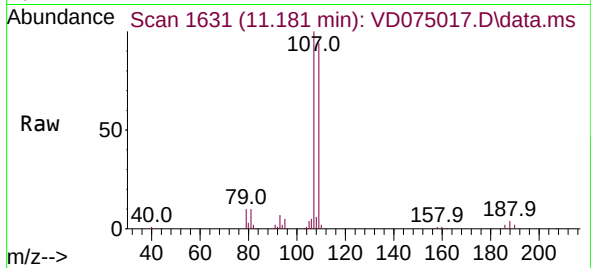




#61
1,2-Dibromoethane
Concen: 104.447 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

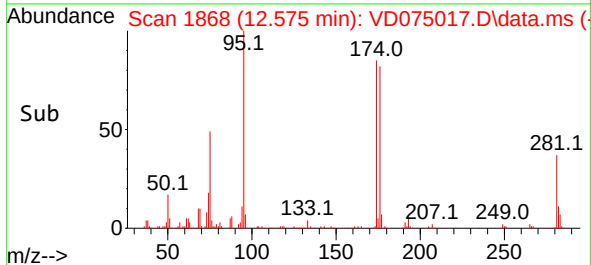
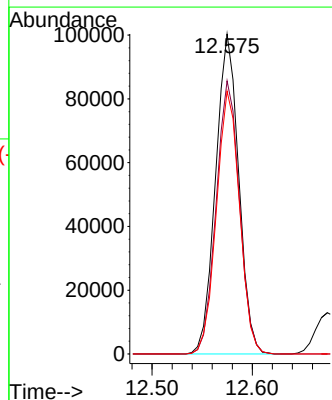
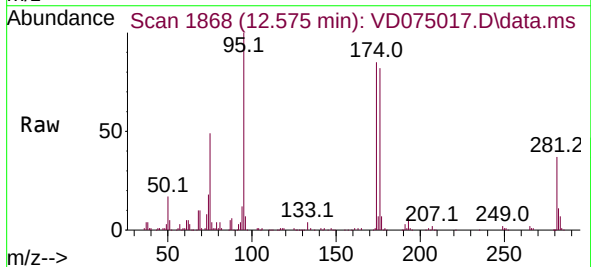
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

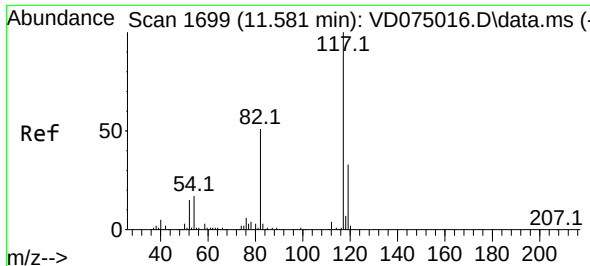
Tgt Ion:107 Resp: 117633
Ion Ratio Lower Upper
107 100
109 93.6 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 92.907 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 95 Resp: 160738
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 82.1 0.0 165.8

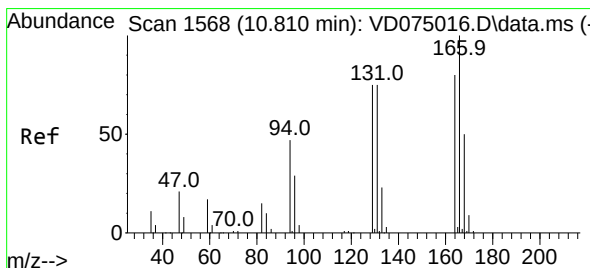
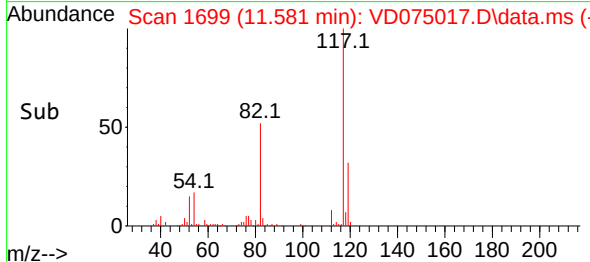
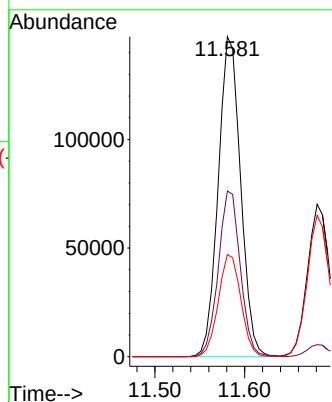
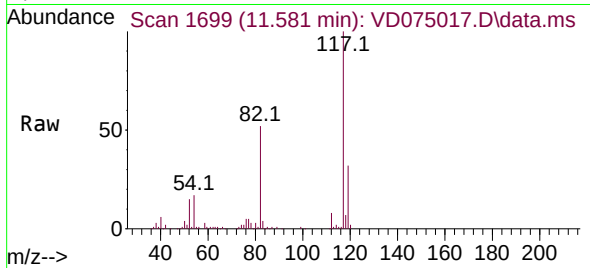




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

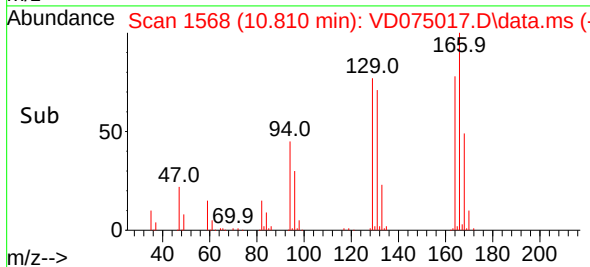
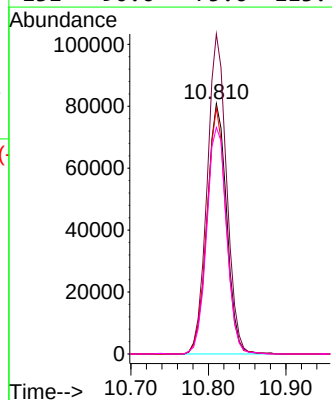
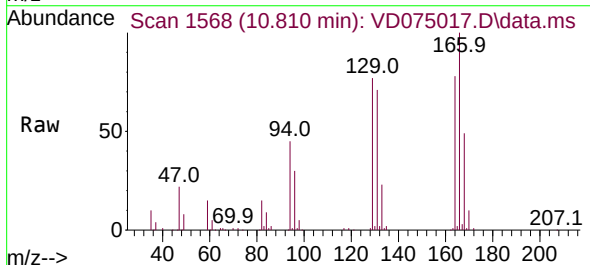
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

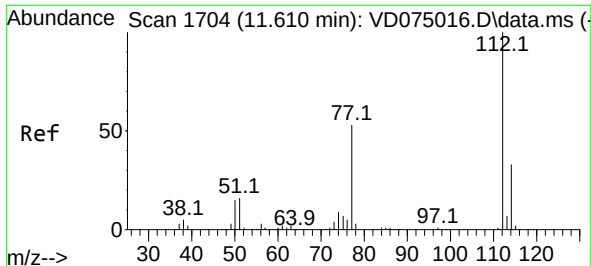
Tgt Ion:117 Resp: 255132
Ion Ratio Lower Upper
117 100
82 51.8 40.7 61.1
119 31.9 26.1 39.1



#64
Tetrachloroethene
Concen: 95.872 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion:164 Resp: 142211
Ion Ratio Lower Upper
164 100
166 127.9 100.3 150.5
129 98.3 74.8 112.2
131 90.6 75.6 113.4

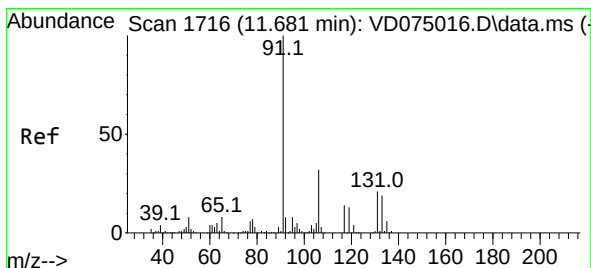
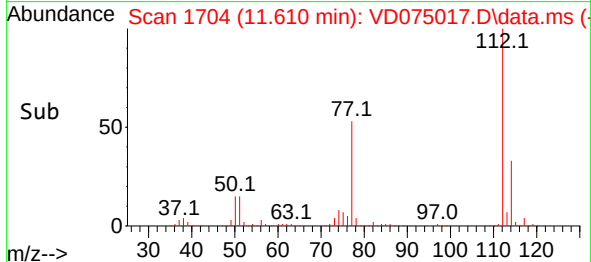
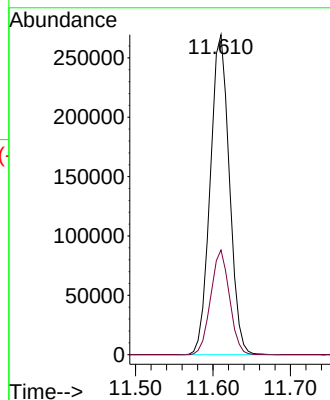
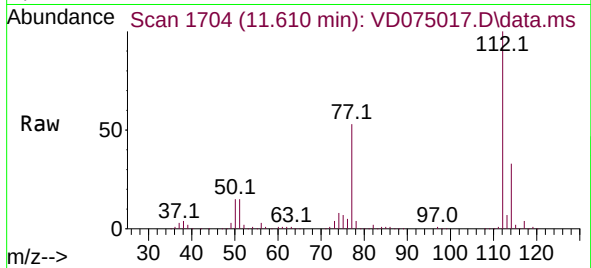




#65
Chlorobenzene
Concen: 98.722 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

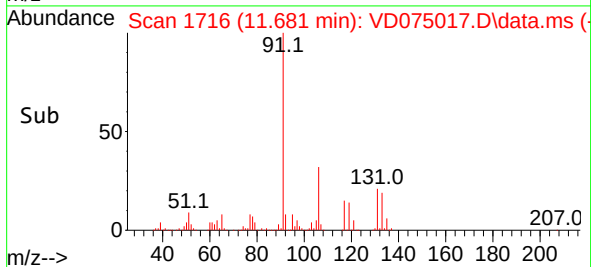
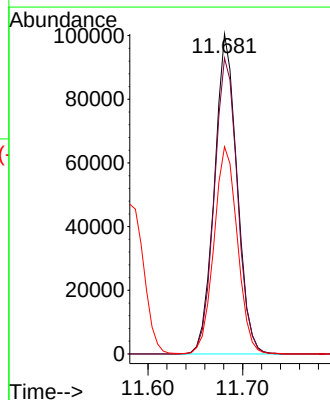
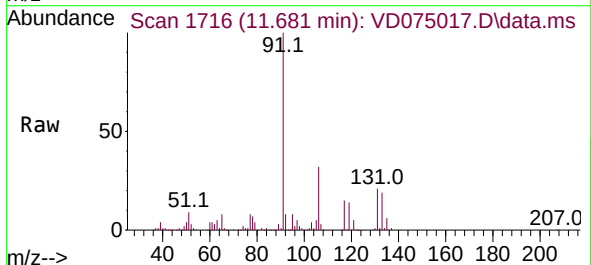
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

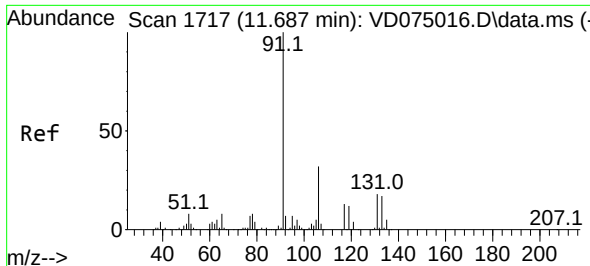
Tgt Ion:112 Resp: 462501
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 101.239 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion:131 Resp: 166722
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.2
119 67.3 33.4 100.1

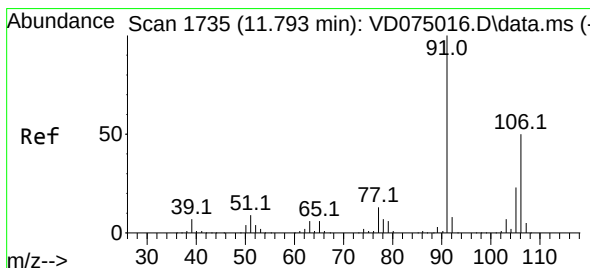
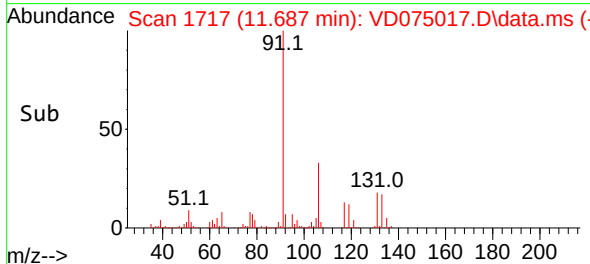
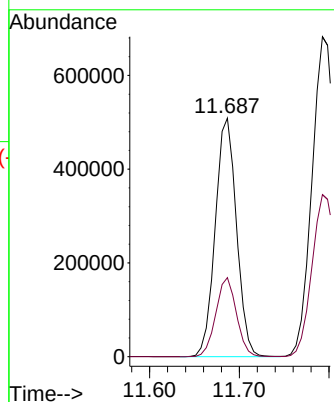
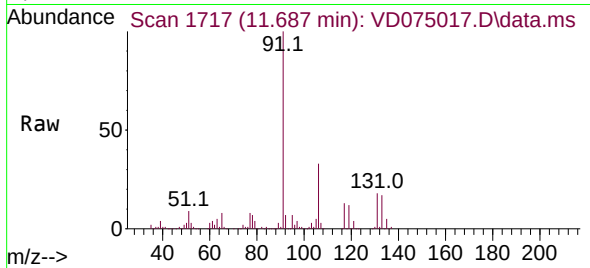




#67
Ethyl Benzene
Concen: 103.178 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

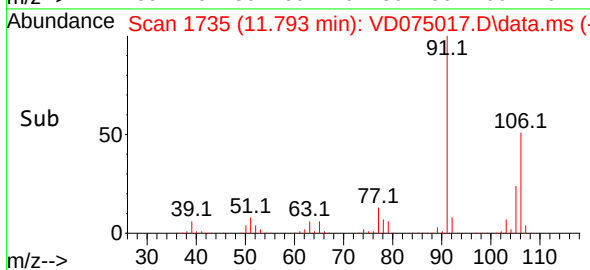
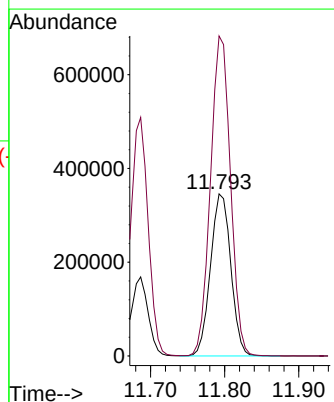
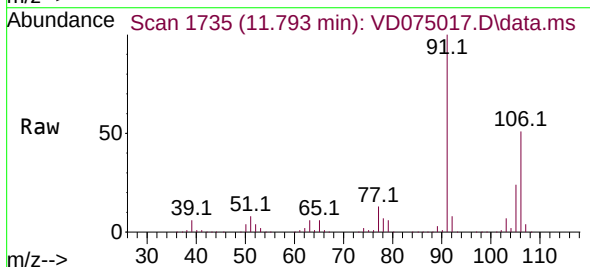
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

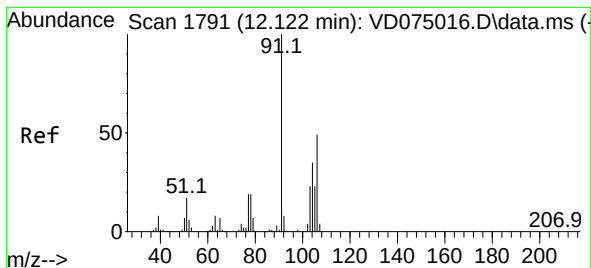
Tgt Ion: 91 Resp: 835124
Ion Ratio Lower Upper
91 100
106 33.1 25.9 38.9



#68
m/p-Xylenes
Concen: 207.040 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 106 Resp: 657587
Ion Ratio Lower Upper
106 100
91 194.7 157.1 235.7





#69

o-Xylene

Concen: 103.572 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

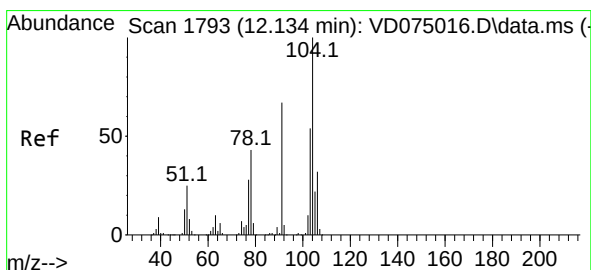
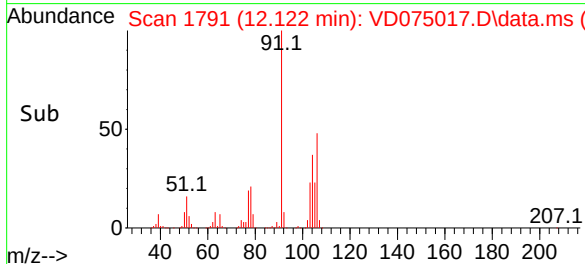
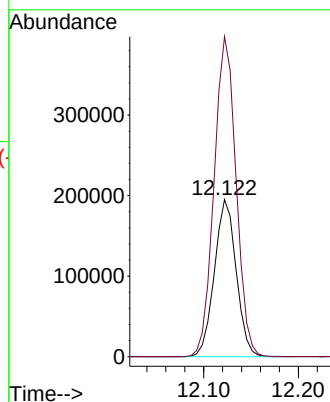
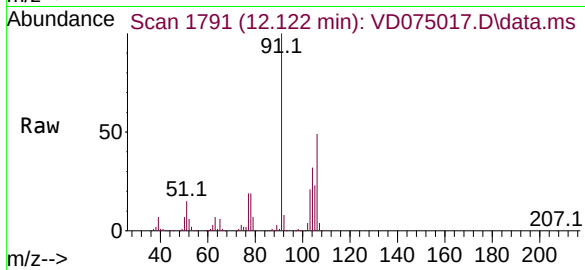
VSTDIC100

Tgt Ion:106 Resp: 311614

Ion Ratio Lower Upper

106 100

91 206.1 103.4 310.1



#70

Styrene

Concen: 105.329 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

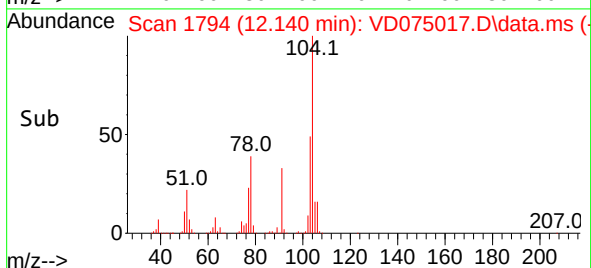
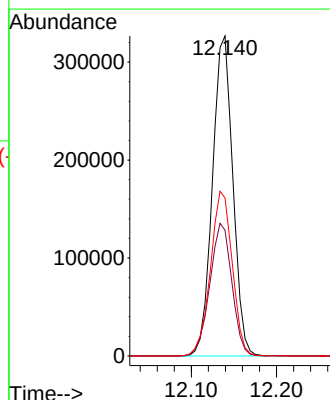
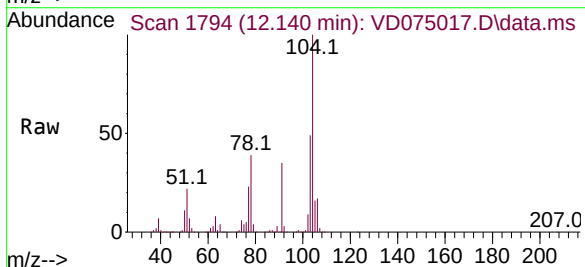
Tgt Ion:104 Resp: 544661

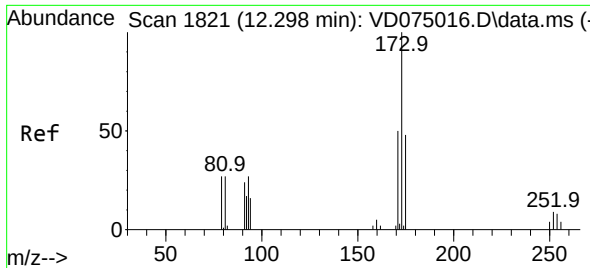
Ion Ratio Lower Upper

104 100

78 44.7 35.9 53.9

103 54.9 44.7 67.1

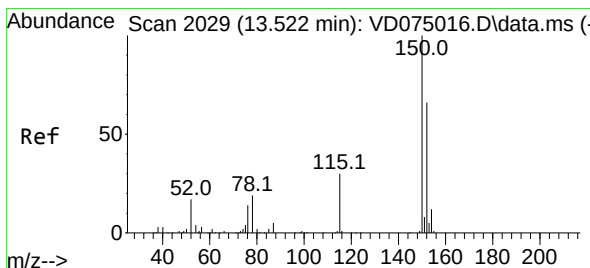
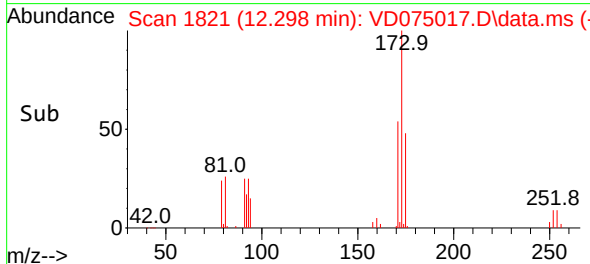
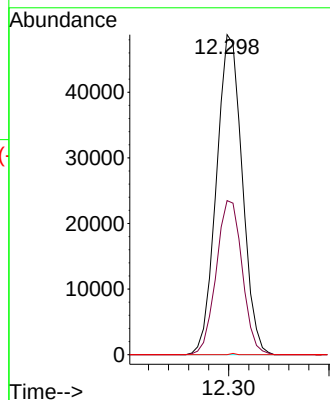
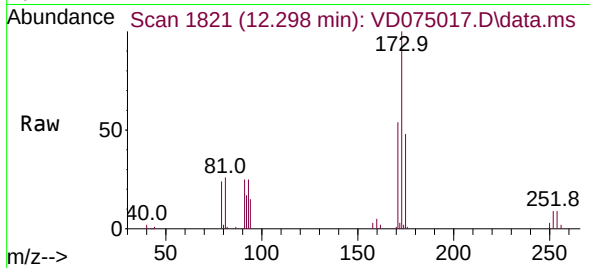




#71
Bromoform
Concen: 102.974 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

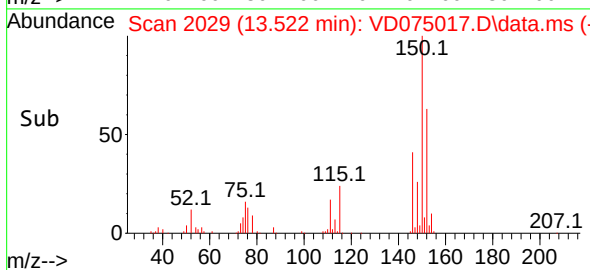
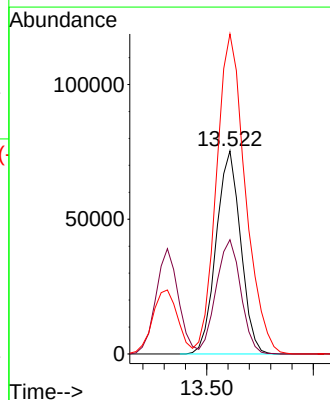
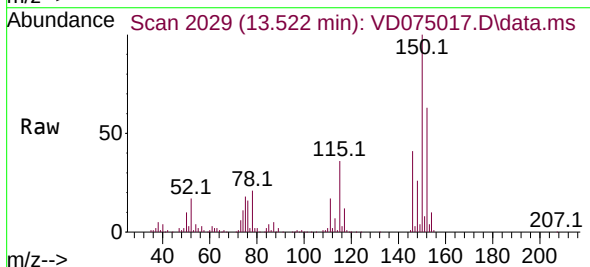
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

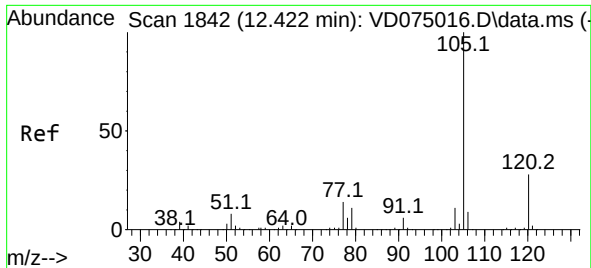
Tgt Ion:173 Resp: 87164
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion:152 Resp: 120089
Ion Ratio Lower Upper
152 100
115 56.8 28.0 84.0
150 186.0 0.0 342.0

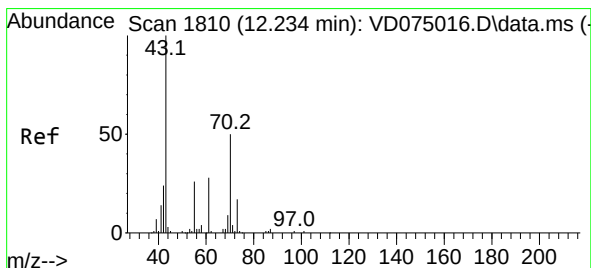
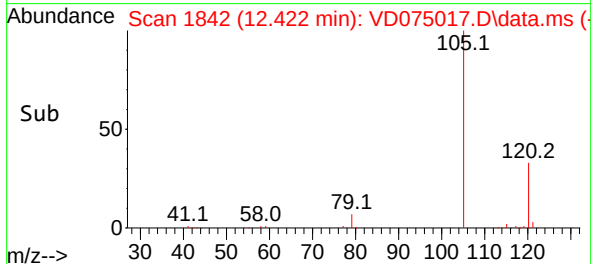
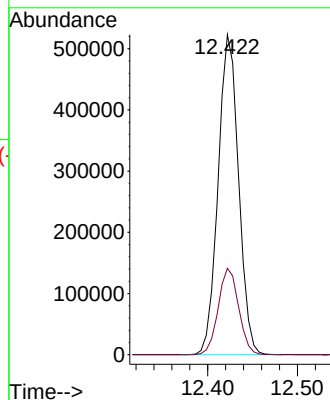
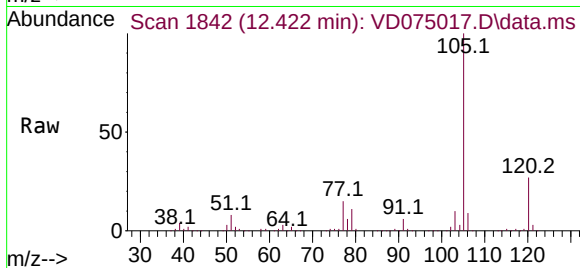




#73
Isopropylbenzene
Concen: 104.182 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

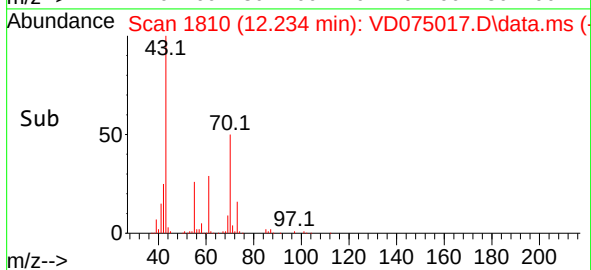
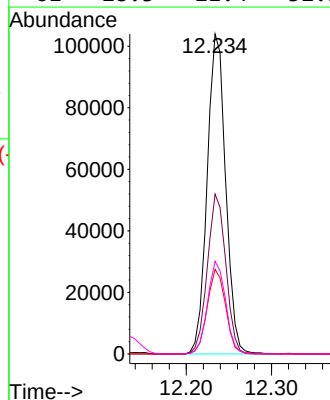
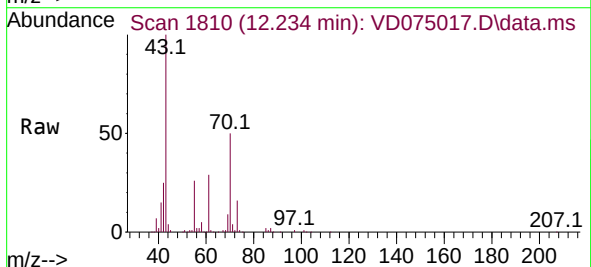
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

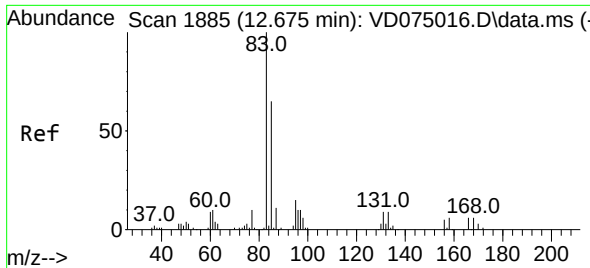
Tgt Ion:105 Resp: 827419
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 112.887 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 43 Resp: 156677
Ion Ratio Lower Upper
43 100
70 50.0 40.2 60.4
55 26.4 21.6 32.4
61 28.3 21.4 32.2

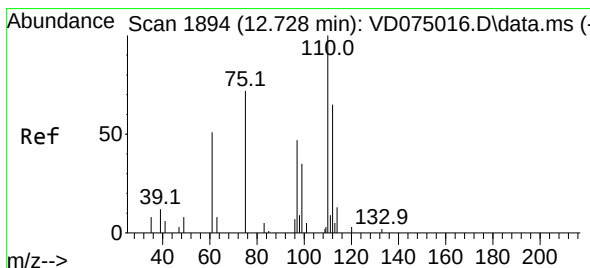
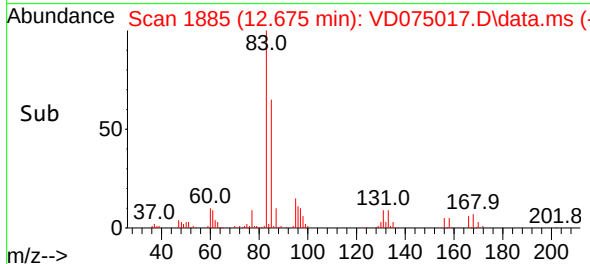
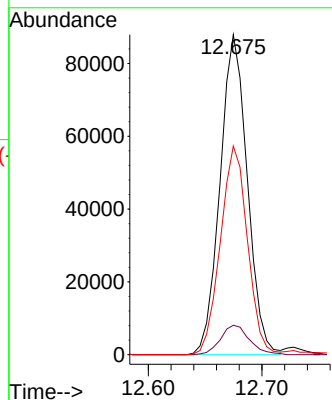
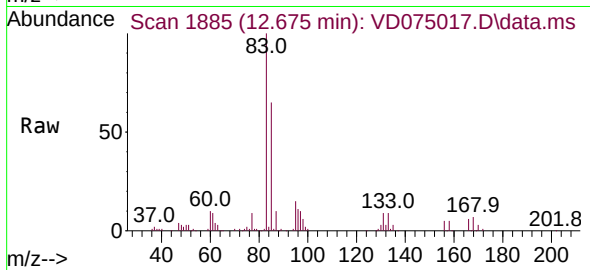




#75
 1,1,2,2-Tetrachloroethane
 Concen: 102.622 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

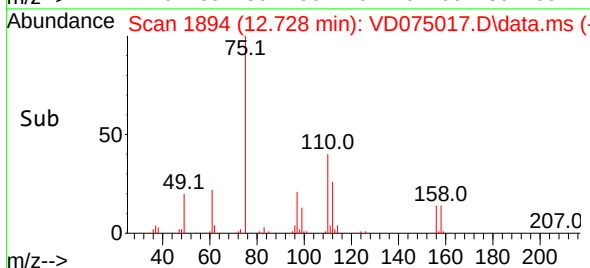
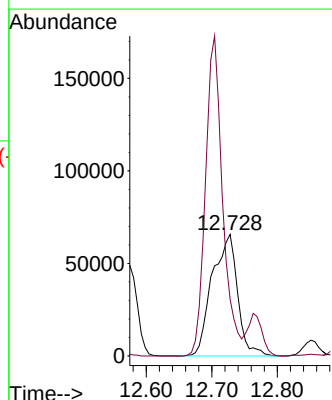
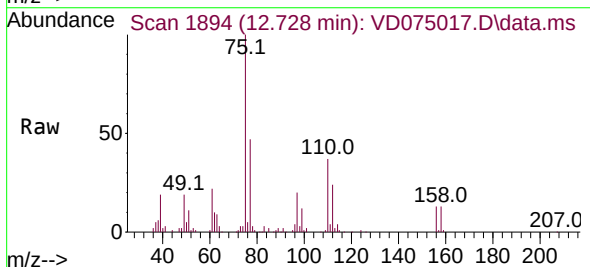
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

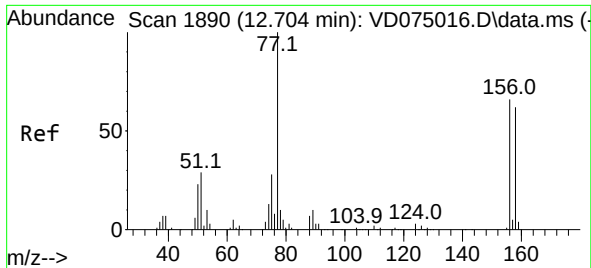
Tgt Ion: 83 Resp: 146504
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 64.7 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 169.385 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

Tgt Ion: 75 Resp: 176611
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

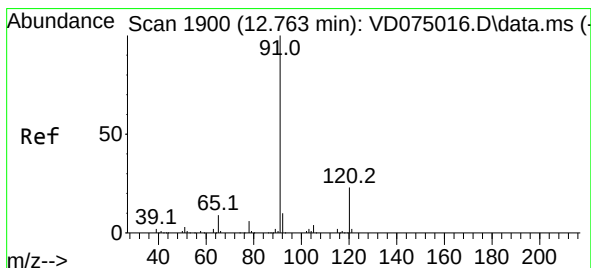
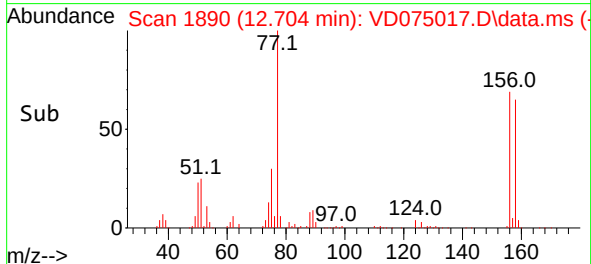
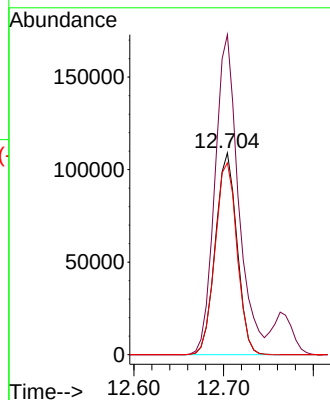
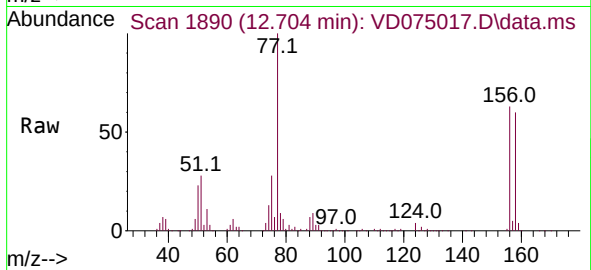




#77
Bromobenzene
Concen: 100.720 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

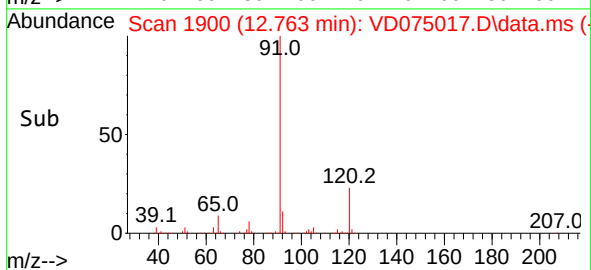
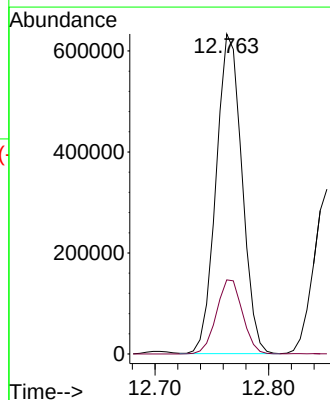
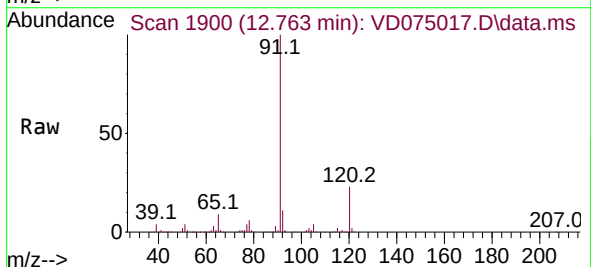
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

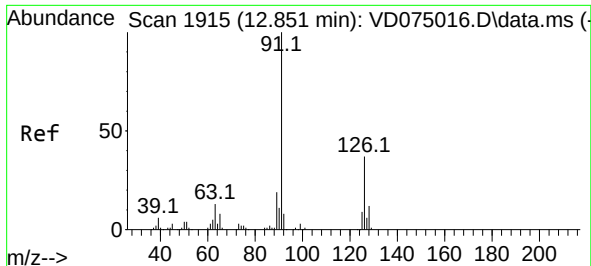
Tgt Ion:156 Resp: 181994
Ion Ratio Lower Upper
156 100
77 173.1 85.7 256.9
158 97.0 47.7 143.1



#78
n-propylbenzene
Concen: 103.016 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 91 Resp: 1001670
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8

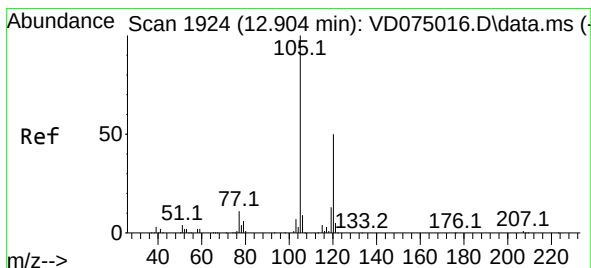
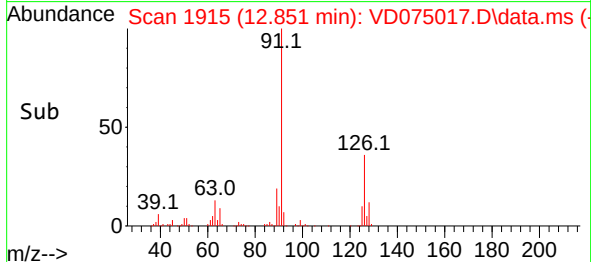
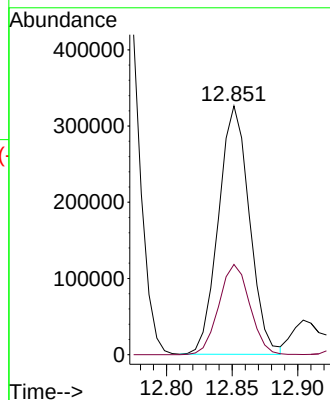
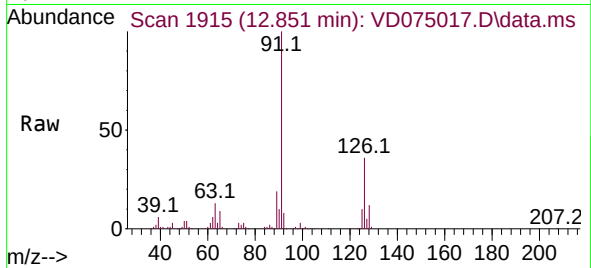




#79
2-Chlorotoluene
Concen: 101.345 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

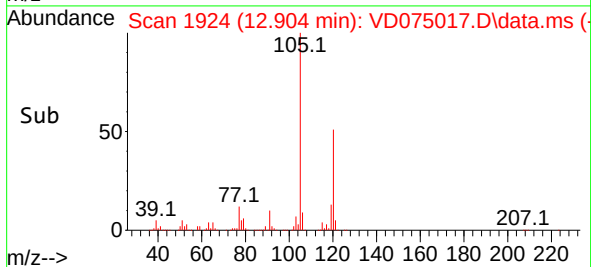
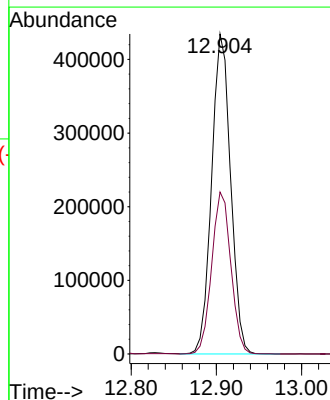
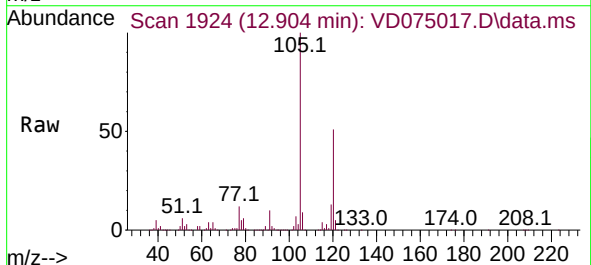
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

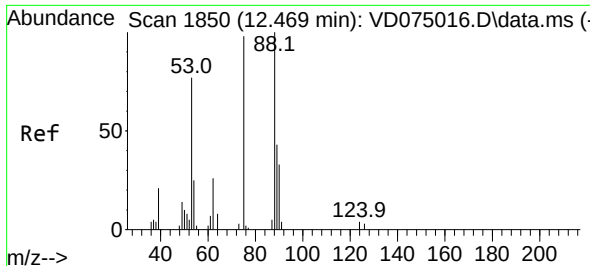
Tgt Ion: 91 Resp: 536838
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 102.626 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 105 Resp: 673737
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.3

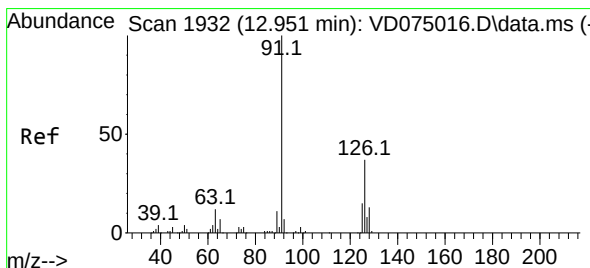
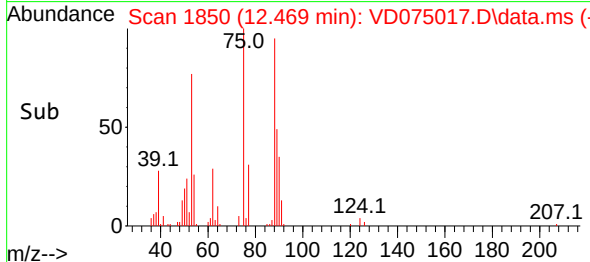
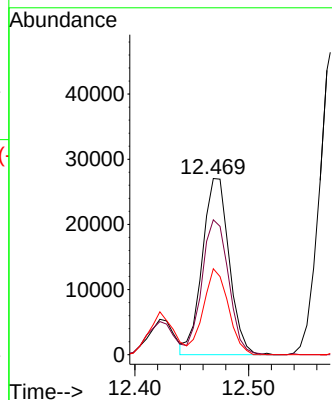
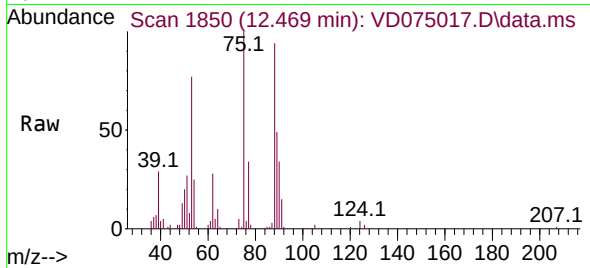




#81
trans-1,4-Dichloro-2-butene
Concen: 108.450 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

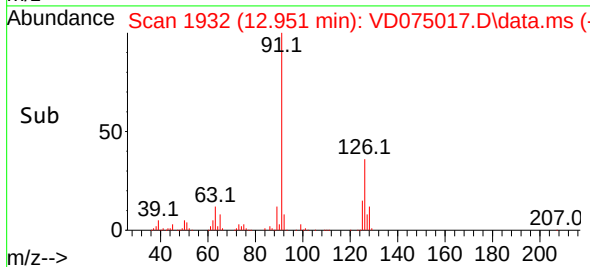
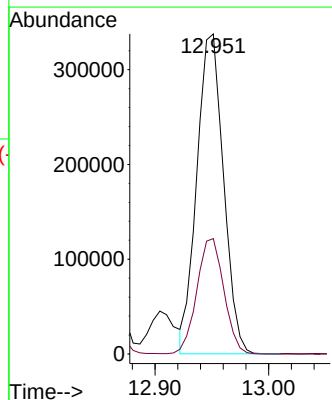
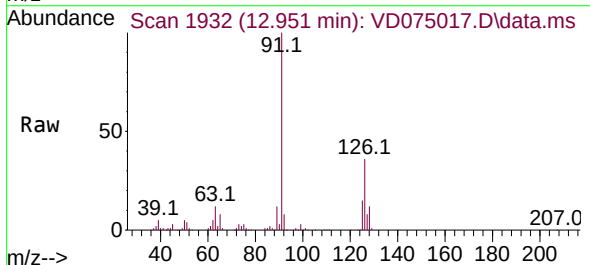
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

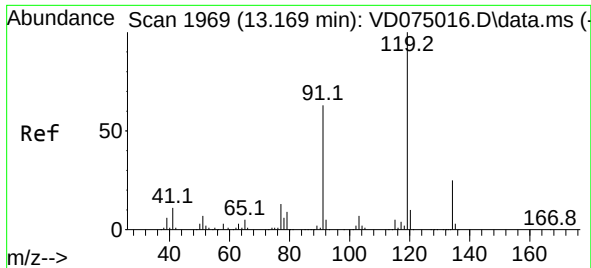
Tgt Ion: 75 Resp: 44502
Ion Ratio Lower Upper
75 100
53 75.4 61.0 91.6
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 100.182 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 91 Resp: 550267
Ion Ratio Lower Upper
91 100
126 36.7 18.2 54.6

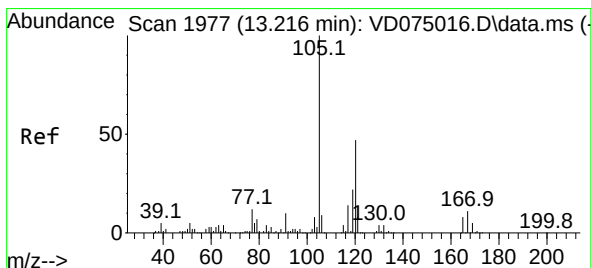
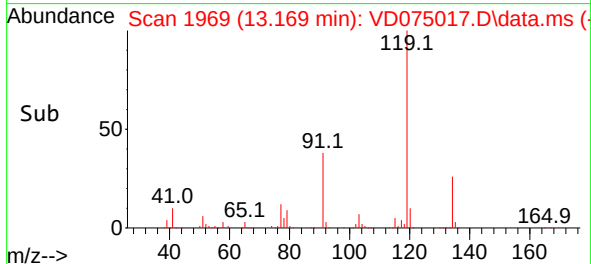
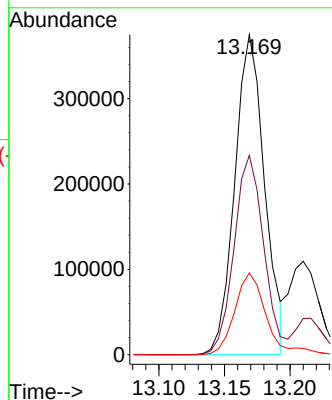
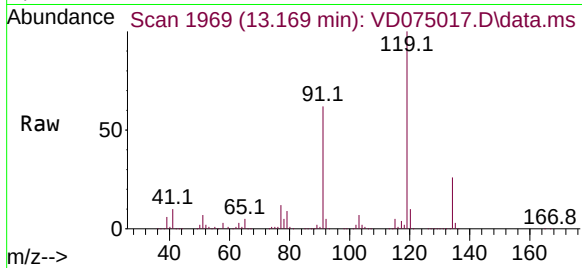




#83
tert-Butylbenzene
Concen: 104.941 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

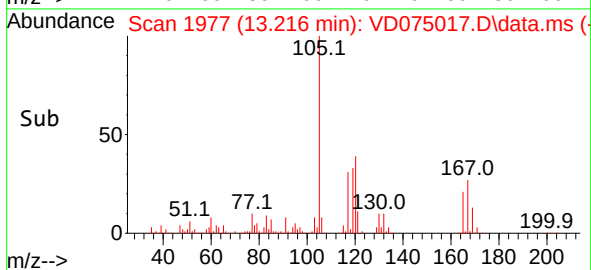
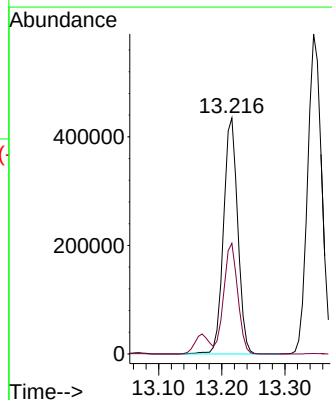
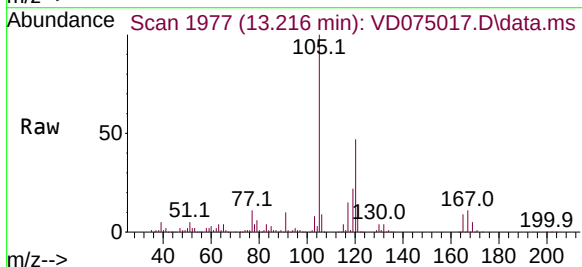
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

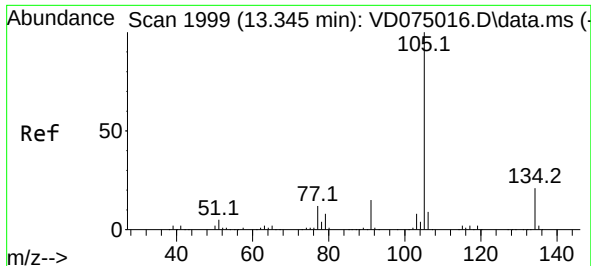
Tgt Ion:119 Resp: 593222
Ion Ratio Lower Upper
119 100
91 62.5 31.4 94.0
134 27.0 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 104.450 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion:105 Resp: 679927
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0

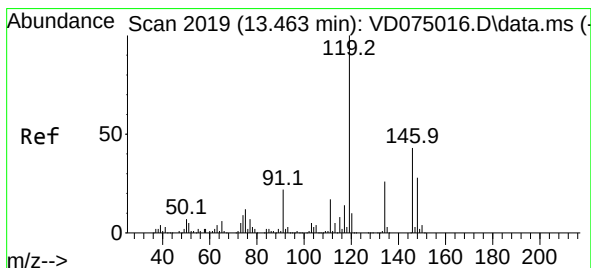
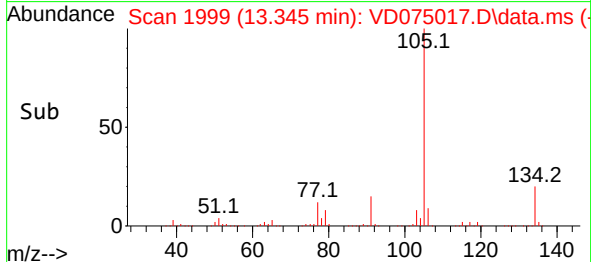
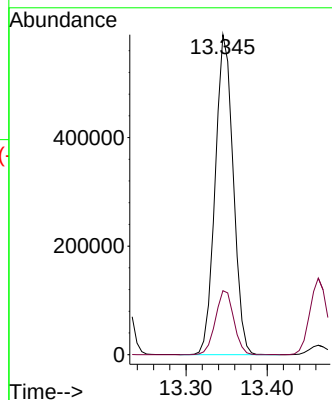
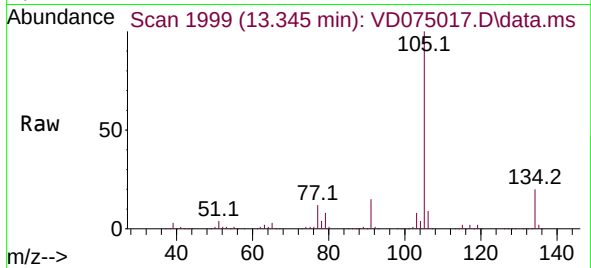




#85
 sec-Butylbenzene
 Concen: 103.409 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

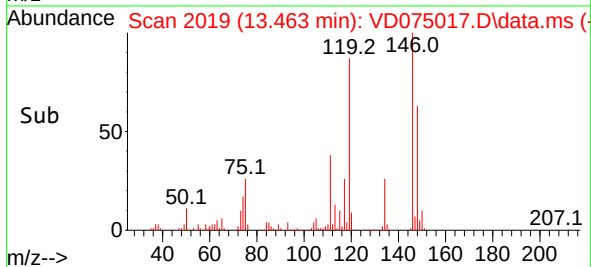
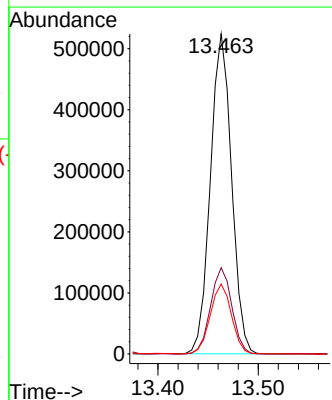
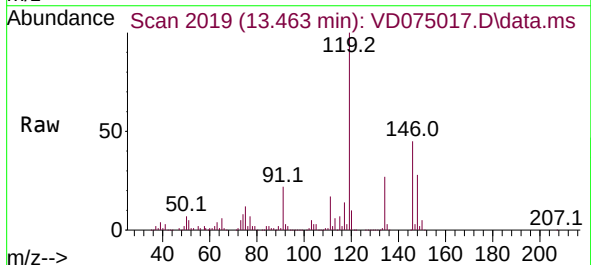
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

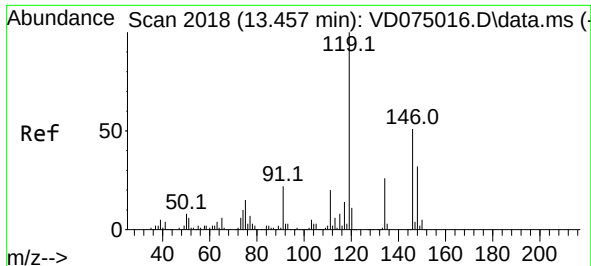
Tgt Ion:105 Resp: 909878
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 104.849 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075017.D
 Acq: 14 Dec 2022 12:29

Tgt Ion:119 Resp: 768721
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 100.189 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

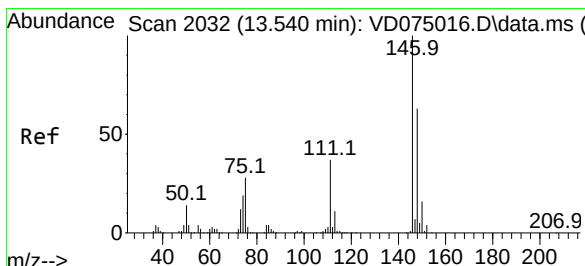
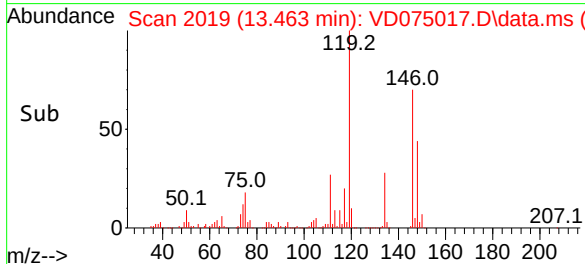
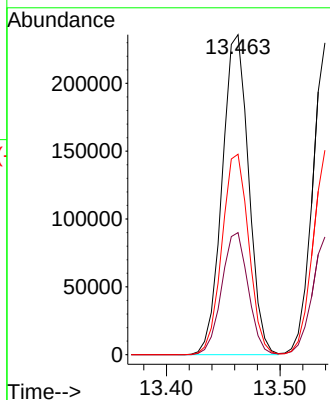
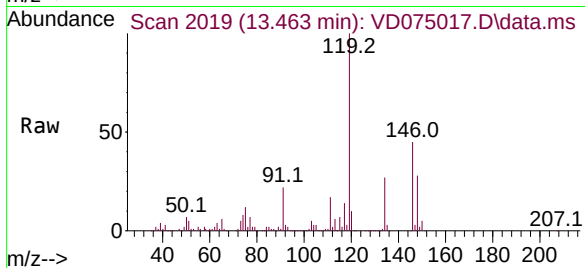
Tgt Ion:146 Resp: 382631

Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.8

148 63.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 97.329 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

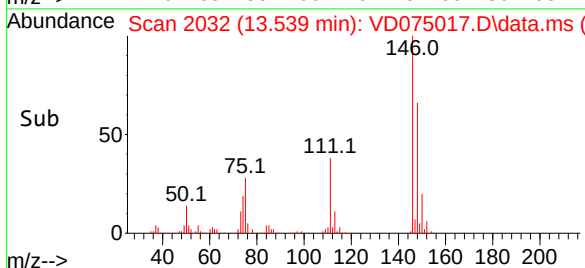
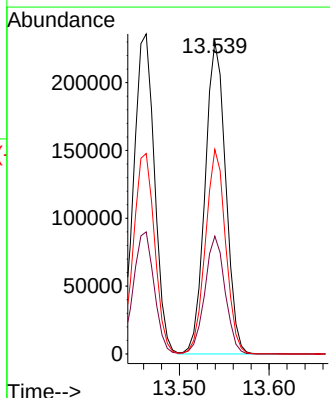
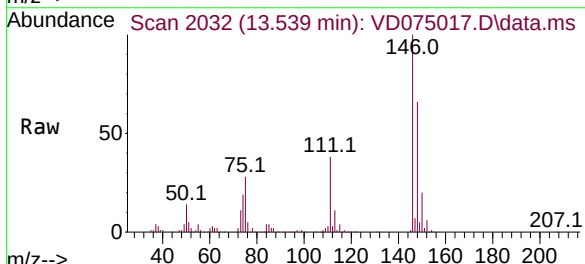
Tgt Ion:146 Resp: 366853

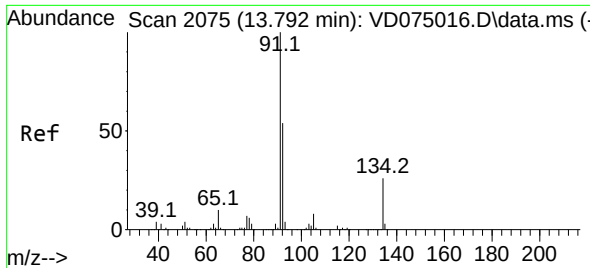
Ion Ratio Lower Upper

146 100

111 37.2 18.5 55.5

148 64.3 31.6 94.7

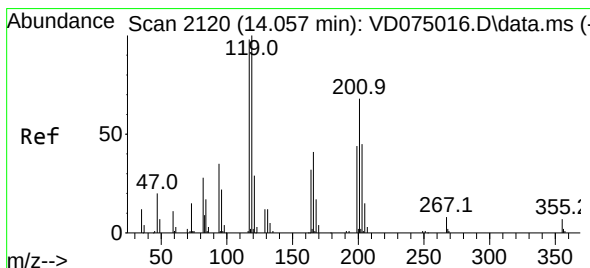
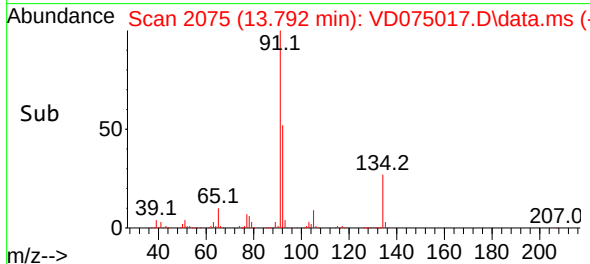
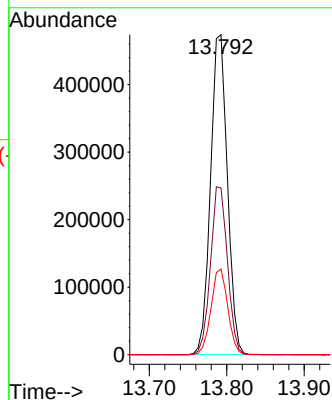
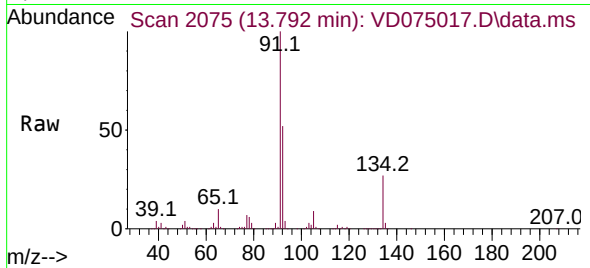




#89
n-Butylbenzene
Concen: 104.395 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

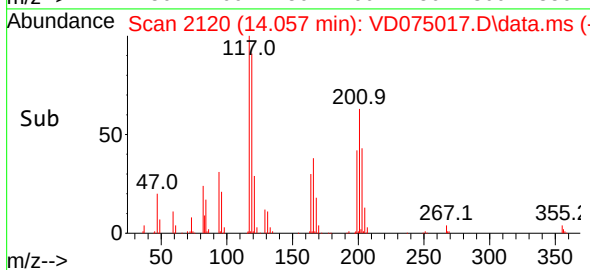
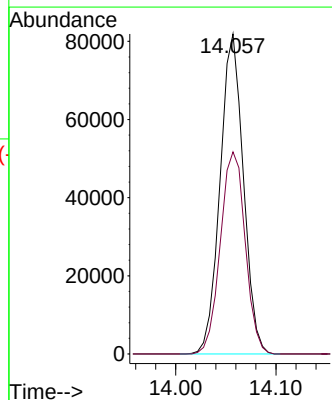
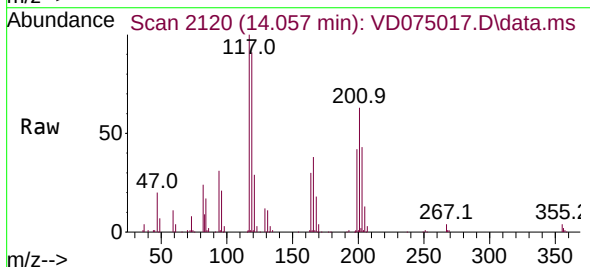
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

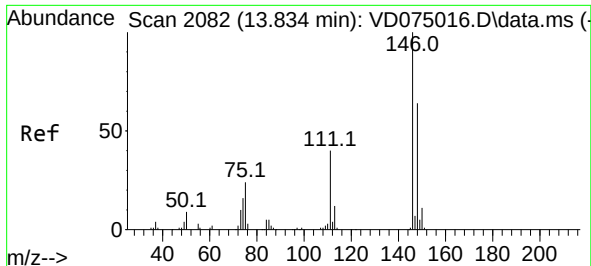
Tgt Ion: 91 Resp: 715544
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 26.6 13.1 39.3



#90
Hexachloroethane
Concen: 101.367 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion: 117 Resp: 132056
Ion Ratio Lower Upper
117 100
201 67.3 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 99.261 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

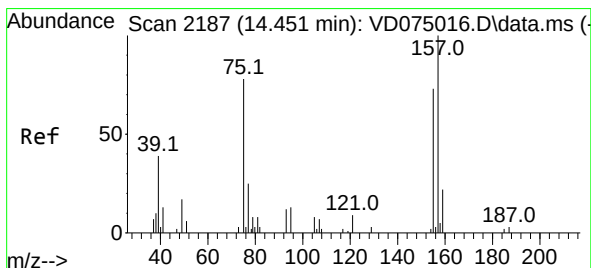
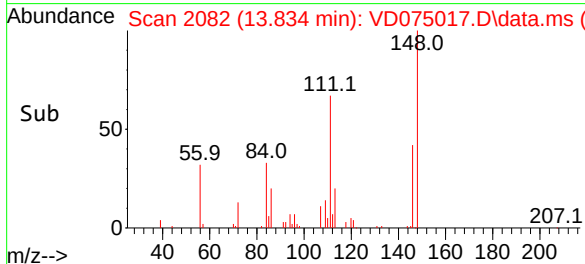
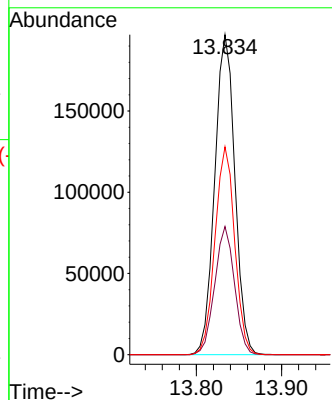
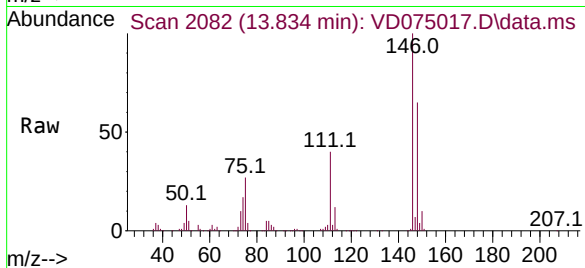
Tgt Ion:146 Resp: 323574

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

148 63.6 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.800 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

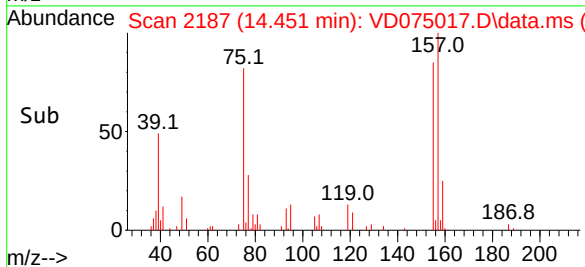
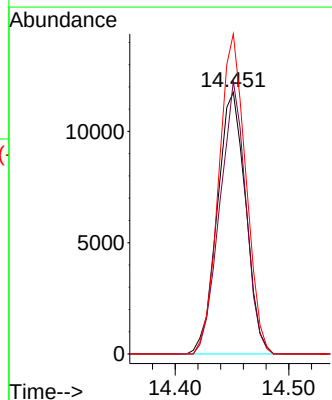
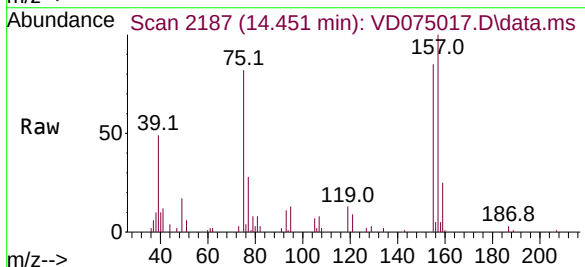
Tgt Ion: 75 Resp: 20384

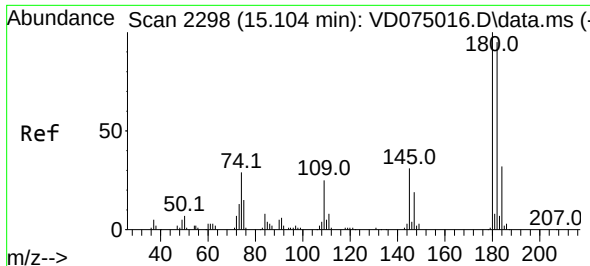
Ion Ratio Lower Upper

75 100

155 95.0 47.6 142.9

157 116.5 60.5 181.4

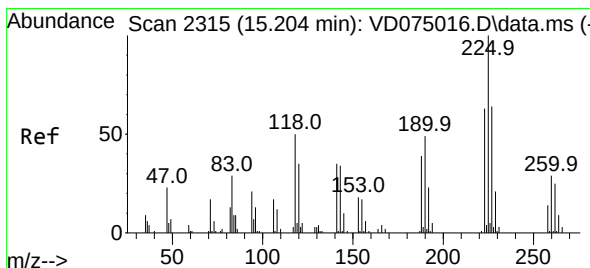
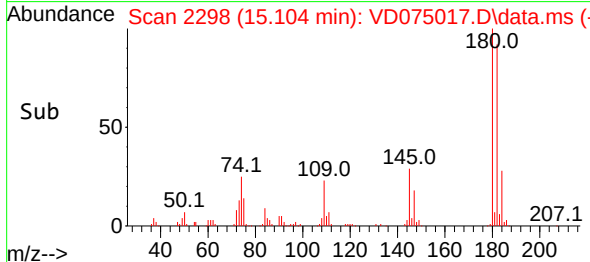
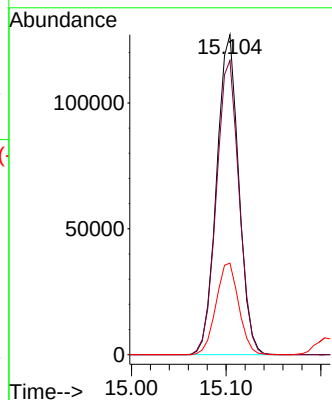
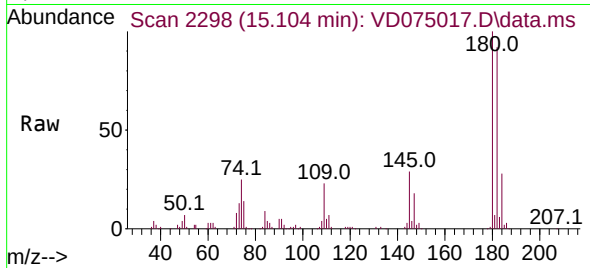




#93
1,2,4-Trichlorobenzene
Concen: 102.688 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

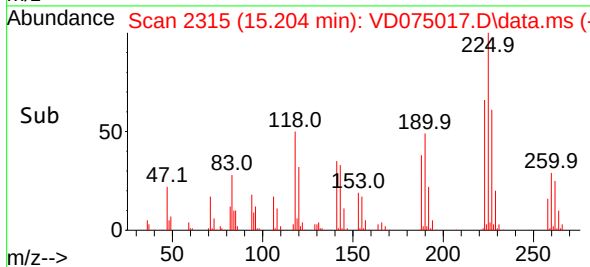
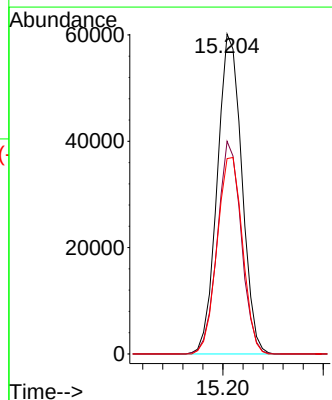
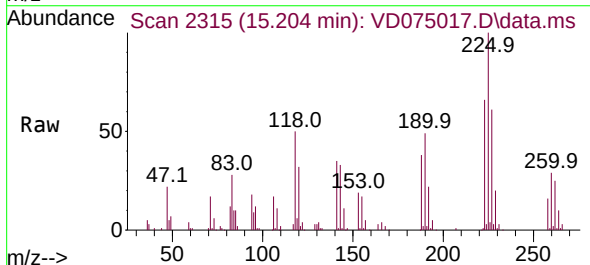
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

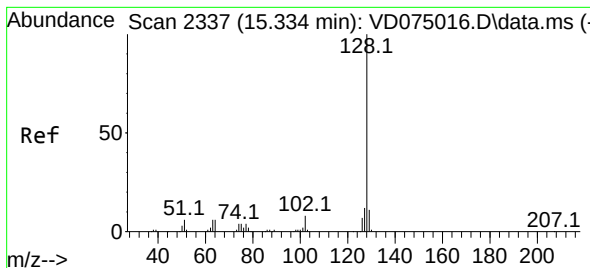
Tgt Ion:180 Resp: 206318
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 29.4 14.8 44.4



#94
Hexachlorobutadiene
Concen: 98.663 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD075017.D
Acq: 14 Dec 2022 12:29

Tgt Ion:225 Resp: 102078
Ion Ratio Lower Upper
225 100
223 64.7 32.3 96.9
227 63.6 31.8 95.4





#95

Naphthalene

Concen: 109.073 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

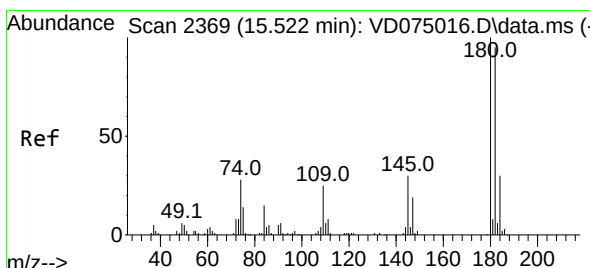
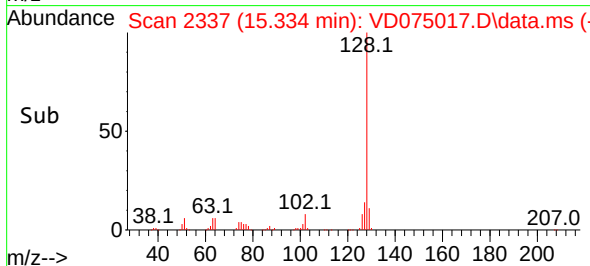
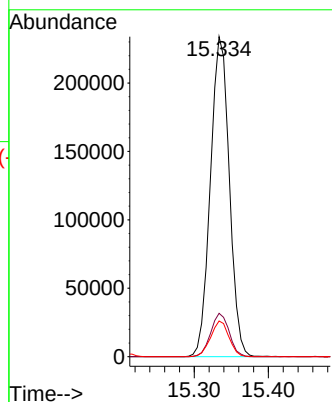
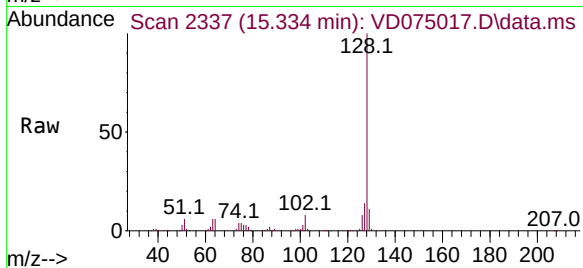
Tgt Ion:128 Resp: 414486

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 105.139 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD075017.D

Acq: 14 Dec 2022 12:29

Tgt Ion:180 Resp: 179165

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.8

145 31.0 15.8 47.4

