

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075335.D
 Acq On : 14 Feb 2023 11:26
 Operator : KP/SY
 Sample : VD0214SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

Quant Time: Feb 15 03:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	46830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	69278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27151	49.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.880%
35) Dibromofluoromethane	7.804	113	27632	52.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.269	98	100109	49.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.575	95	33850	51.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8879	21.509	ug/l	91
3) Chloromethane	2.146	50	15104	19.918	ug/l	95
4) Vinyl Chloride	2.281	62	15436	19.813	ug/l	96
5) Bromomethane	2.687	94	9973	20.007	ug/l	99
6) Chloroethane	2.834	64	11137	20.721	ug/l	91
7) Trichlorofluoromethane	3.169	101	19747	20.385	ug/l	93
8) Diethyl Ether	3.599	74	4685	17.991	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	11711	21.304	ug/l	97
10) Methyl Iodide	4.163	142	11259	18.593	ug/l	94
11) Tert butyl alcohol	5.063	59	2568	71.300	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	10378	19.800	ug/l	98
13) Acrolein	3.787	56	2110	99.714	ug/l #	81
14) Allyl chloride	4.563	41	17441	20.000	ug/l	92
15) Acrylonitrile	5.263	53	12630	99.670	ug/l	98
16) Acetone	4.028	43	13248	91.240	ug/l	96
17) Carbon Disulfide	4.269	76	30529	18.880	ug/l	96
18) Methyl Acetate	4.563	43	7638	17.955	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	23418	19.460	ug/l	96
20) Methylene Chloride	4.805	84	14893	20.824	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	11808	19.908	ug/l	91
22) Diisopropyl ether	6.216	45	35924	20.711	ug/l	94
23) Vinyl Acetate	6.157	43	61811	116.047	ug/l	95
24) 1,1-Dichloroethane	6.116	63	23424	21.660	ug/l	96
25) 2-Butanone	7.081	43	16868	93.757	ug/l	100
26) 2,2-Dichloropropane	7.081	77	20384	21.295	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	13314	20.064	ug/l	95
28) Bromochloromethane	7.428	49	6375	21.353	ug/l #	96
29) Tetrahydrofuran	7.440	42	9192	94.880	ug/l	98
30) Chloroform	7.593	83	24526	22.034	ug/l	99
31) Cyclohexane	7.881	56	19046	19.533	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	22003	22.099	ug/l	98
36) 1,1-Dichloropropene	8.010	75	17336	21.030	ug/l	99
37) Ethyl Acetate	7.175	43	6762	18.808	ug/l #	92
38) Carbon Tetrachloride	7.993	117	17804	23.307	ug/l	92
39) Methylcyclohexane	9.275	83	19108	20.025	ug/l	98
40) Benzene	8.251	78	48062	20.744	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	3856	17.979	ug/l	93
42) 1,2-Dichloroethane	8.328	62	14181	21.141	ug/l	99
43) Isopropyl Acetate	8.357	43	13267	19.312	ug/l #	88
44) Trichloroethene	9.034	130	13125	20.551	ug/l	94
45) 1,2-Dichloropropane	9.304	63	13013	22.116	ug/l	91
46) Dibromomethane	9.393	93	6840	20.977	ug/l	96
47) Bromodichloromethane	9.587	83	17719	21.834	ug/l	96
48) Methyl methacrylate	9.381	41	6289	19.277	ug/l	91
49) 1,4-Dioxane	9.393	88	1000	334.007	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	35009	100.802	ug/l	93
52) Toluene	10.334	92	30395	20.828	ug/l	93
53) t-1,3-Dichloropropene	10.557	75	14120	20.087	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	17945	21.352	ug/l	93
55) 1,1,2-Trichloroethane	10.740	97	8860	21.285	ug/l	93
56) Ethyl methacrylate	10.604	69	9933	20.527	ug/l	91
57) 1,3-Dichloropropane	10.881	76	15314	21.597	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	14977	115.912	ug/l	98
59) 2-Hexanone	10.922	43	24454	96.376	ug/l	97
60) Dibromochloromethane	11.081	129	11456	22.214	ug/l	99
61) 1,2-Dibromoethane	11.181	107	8120	20.231	ug/l	97
64) Tetrachloroethene	10.810	164	11518	21.587	ug/l	94
65) Chlorobenzene	11.610	112	33422	21.392	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	12977	22.814	ug/l	89
67) Ethyl Benzene	11.687	91	58610	20.320	ug/l	98
68) m/p-Xylenes	11.798	106	45774	41.720	ug/l	97
69) o-Xylene	12.122	106	21080	20.569	ug/l	94
70) Styrene	12.139	104	36328	20.926	ug/l	97
71) Bromoform	12.304	173	6608	21.628	ug/l #	97
73) Isopropylbenzene	12.428	105	57341	20.189	ug/l	97
74) N-amyl acetate	12.239	43	11949	18.722	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	9901	20.037	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	8125m	20.403	ug/l	
77) Bromobenzene	12.698	156	13127	20.410	ug/l	96
78) n-propylbenzene	12.769	91	72611	20.546	ug/l	99
79) 2-Chlorotoluene	12.851	91	39951	20.609	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	48429	20.478	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2116	18.619	ug/l	90
82) 4-Chlorotoluene	12.951	91	42301	20.918	ug/l	100
83) tert-Butylbenzene	13.169	119	41585	20.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	48380	20.482	ug/l	99
85) sec-Butylbenzene	13.351	105	64971	20.773	ug/l	99
86) p-Isopropyltoluene	13.463	119	53571	20.938	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	27348	21.038	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	26895	20.676	ug/l	95
89) n-Butylbenzene	13.792	91	51235	20.512	ug/l	98
90) Hexachloroethane	14.057	117	10784	21.379	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	24621	21.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1563	20.393	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	13995	19.811	ug/l	98
94) Hexachlorobutadiene	15.204	225	7810	20.955	ug/l	97
95) Naphthalene	15.333	128	23388	17.788	ug/l	96
96) 1,2,3-Trichlorobenzene	15.528	180	12307	20.192	ug/l	98

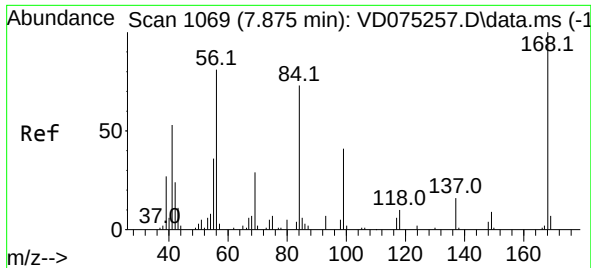
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Response via : Initial Calibration

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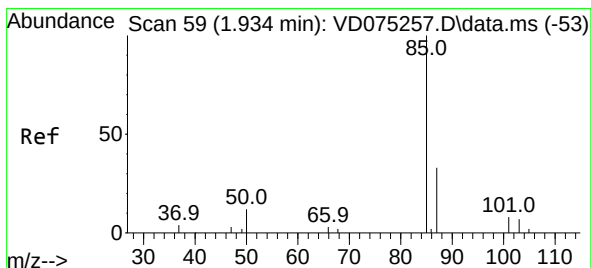
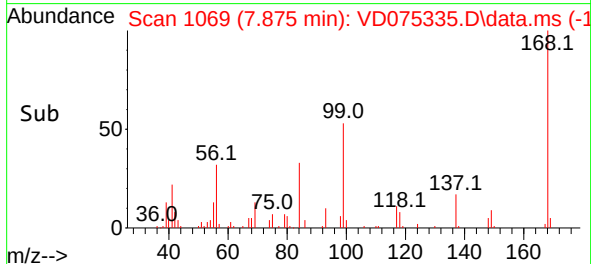
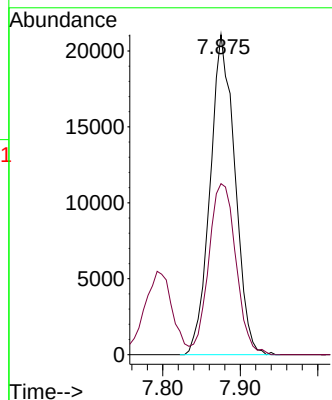
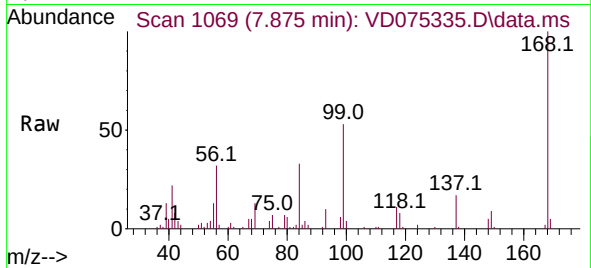
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

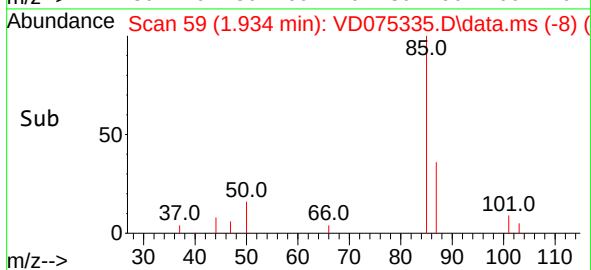
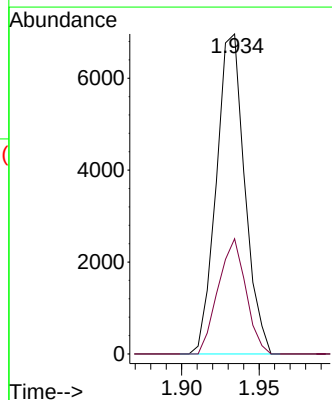
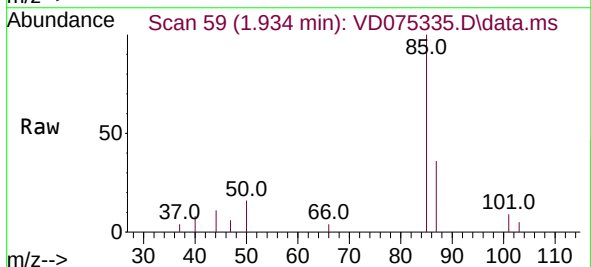
Instrument :
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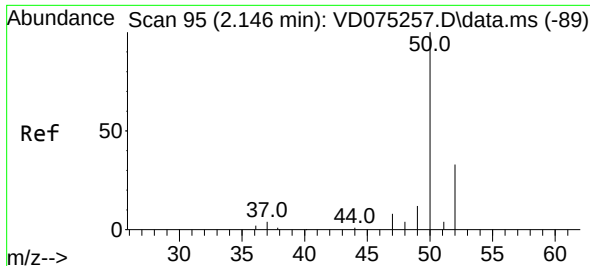
Tgt Ion:168 Resp: 46830
Ion Ratio Lower Upper
168 100
99 53.5 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 21.509 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 85 Resp: 8879
Ion Ratio Lower Upper
85 100
87 36.0 15.7 47.0

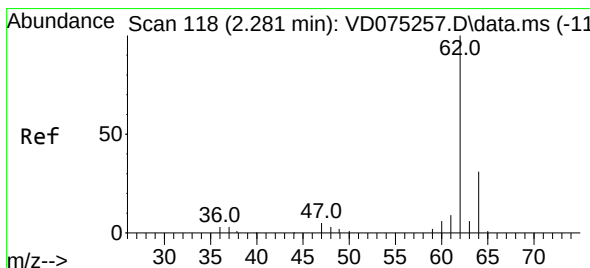
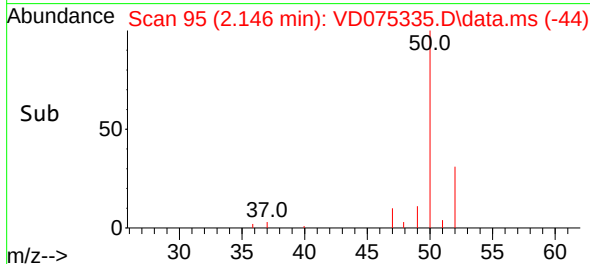
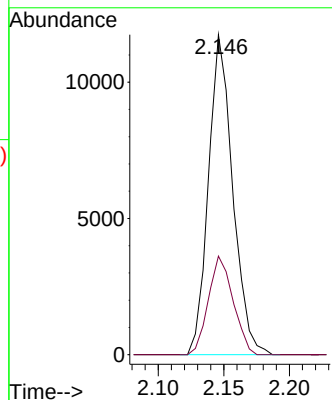
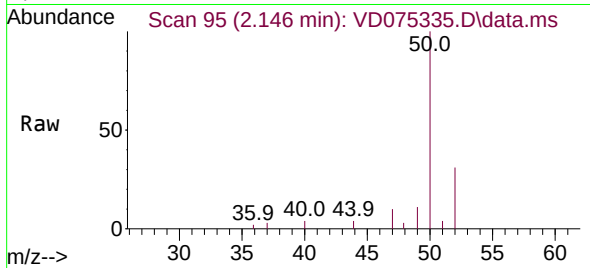




#3
Chloromethane
Concen: 19.918 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

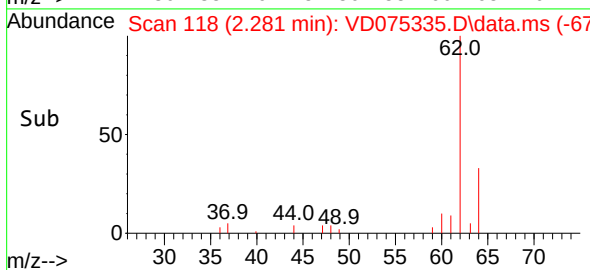
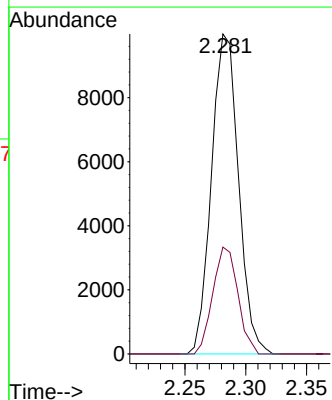
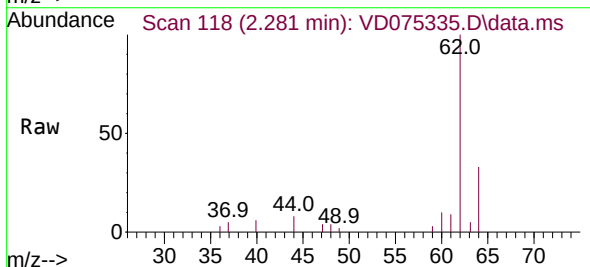
Instrument :
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ClientSampleId :
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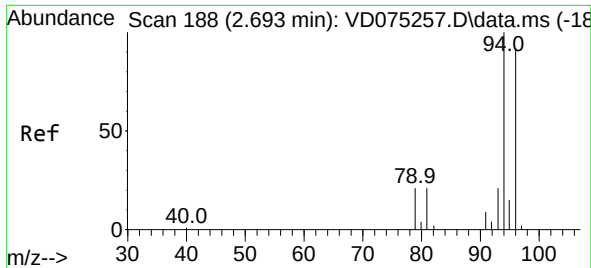
Tgt Ion: 50 Resp: 15104
Ion Ratio Lower Upper
50 100
52 30.8 27.0 40.6



#4
Vinyl Chloride
Concen: 19.813 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 62 Resp: 15436
Ion Ratio Lower Upper
62 100
64 33.4 24.8 37.2

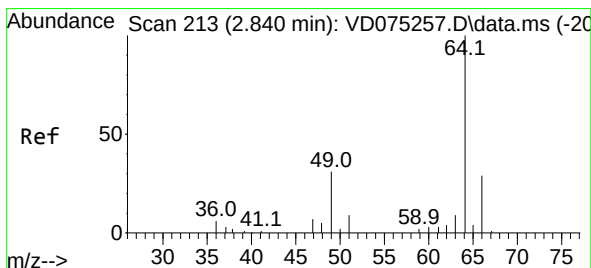
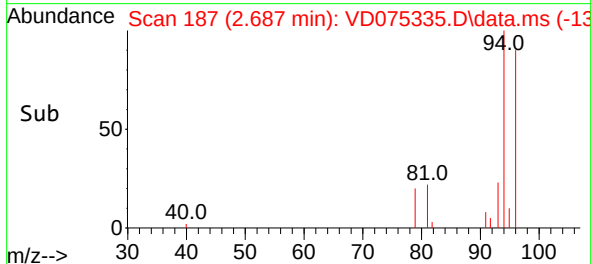
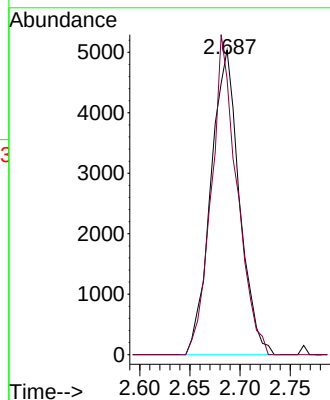
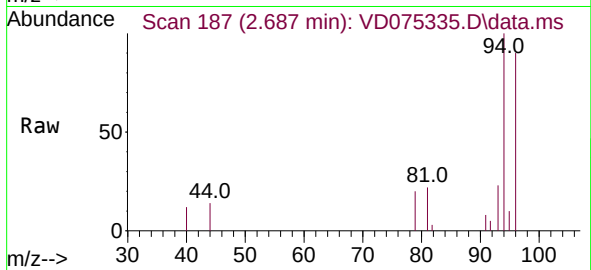




#5
Bromomethane
Concen: 20.007 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

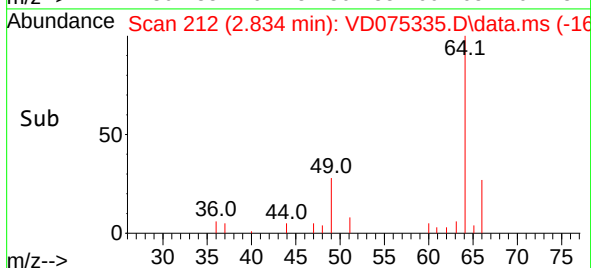
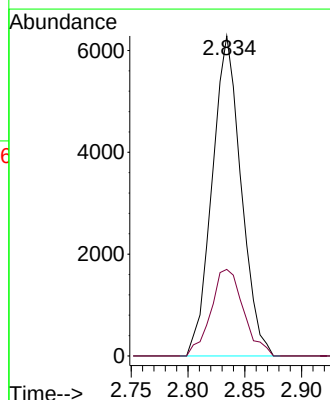
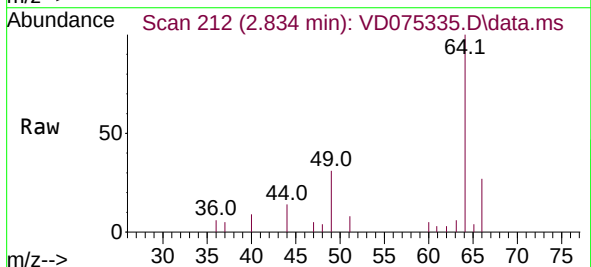
Instrument :
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ClientSampleId :
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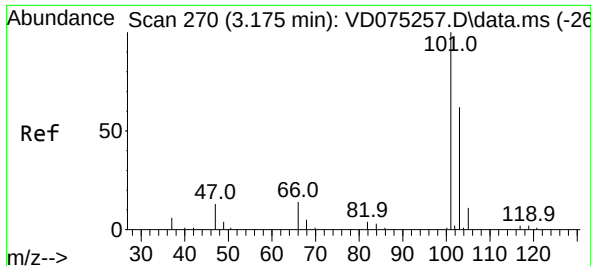
Tgt Ion: 94 Resp: 9973
Ion Ratio Lower Upper
94 100
96 94.4 74.8 112.2



#6
Chloroethane
Concen: 20.721 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 64 Resp: 11137
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.2

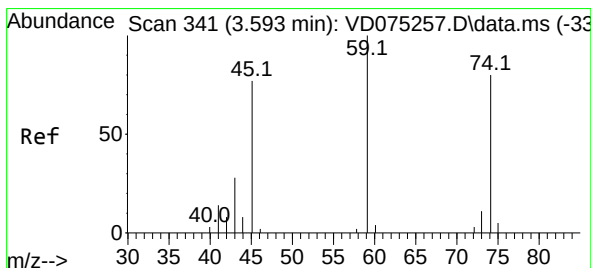
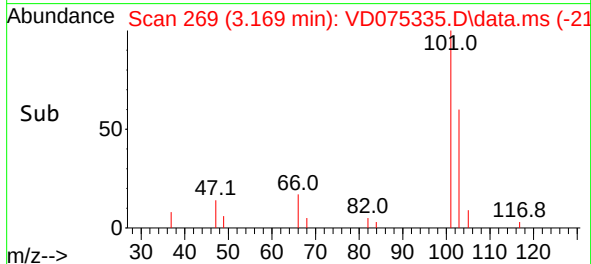
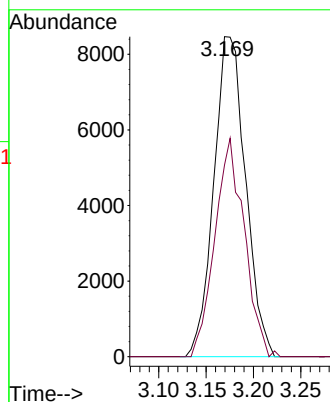
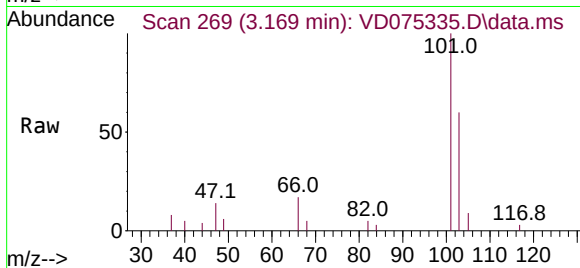




#7
 Trichlorofluoromethane
 Concen: 20.385 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD075335.D
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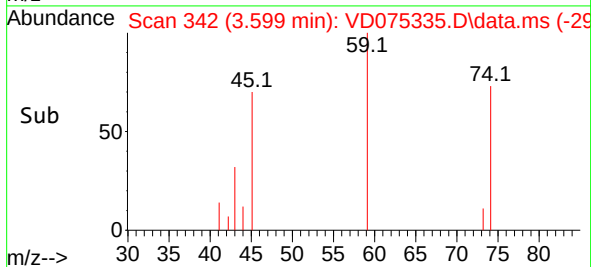
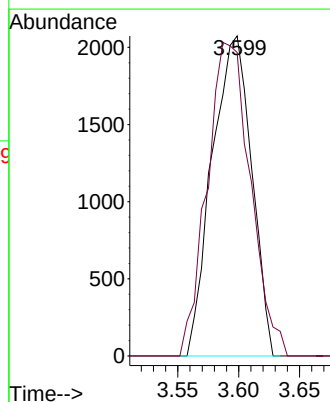
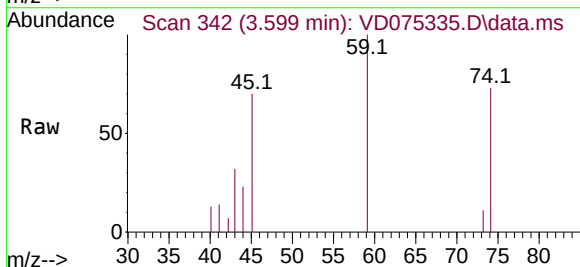
Instrument :
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 ClientSampleId :
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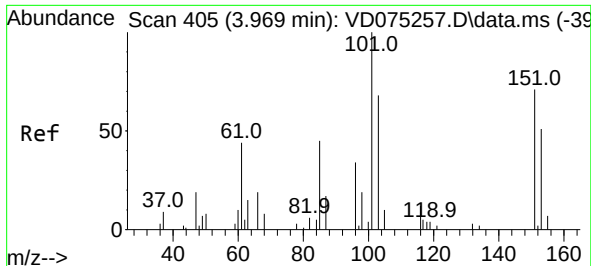
Tgt Ion:101 Resp: 19747
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.2 78.4



#8
 Diethyl Ether
 Concen: 17.991 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

Tgt Ion: 74 Resp: 4685
 Ion Ratio Lower Upper
 74 100
 45 107.3 49.8 149.3

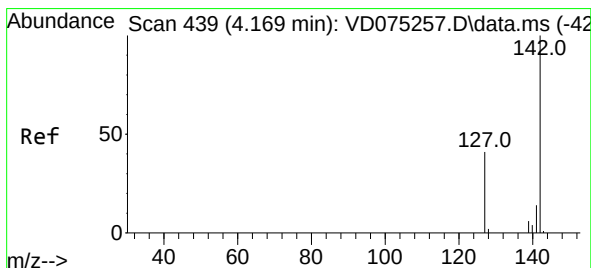
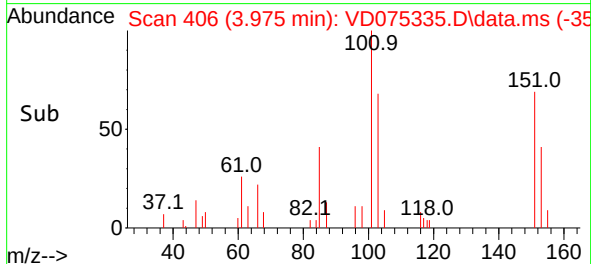
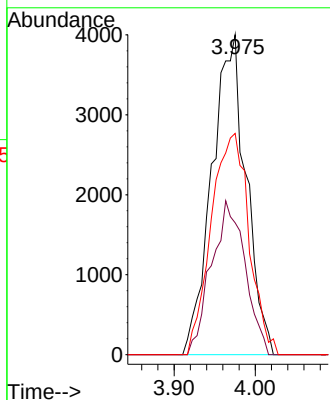
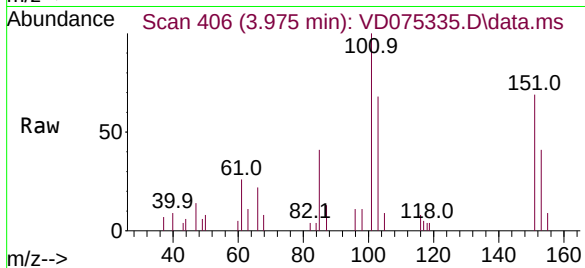




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.304 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075335.D
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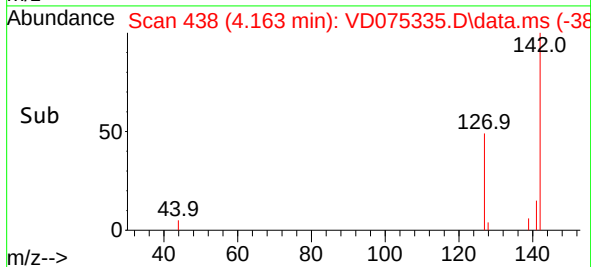
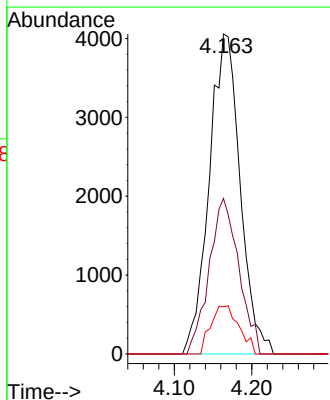
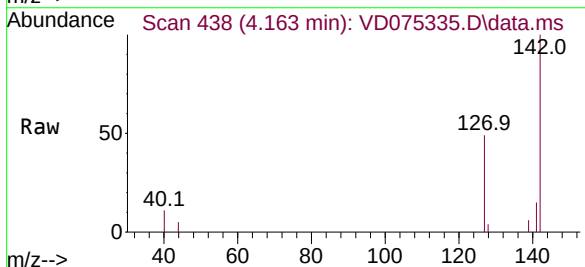
Instrument :
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ClientSampleId :
VD0214SBS01

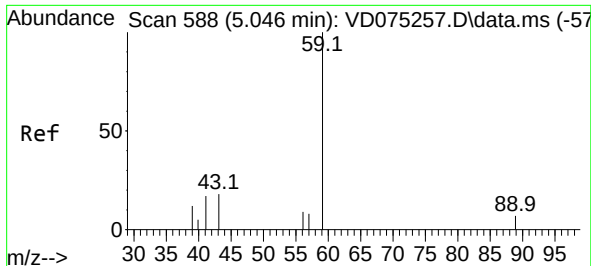
Tgt Ion:101 Resp: 11711
Ion Ratio Lower Upper
101 100
85 47.3 36.9 55.3
151 76.4 58.9 88.3



#10
Methyl Iodide
Concen: 18.593 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:142 Resp: 11259
Ion Ratio Lower Upper
142 100
127 46.7 33.6 50.4
141 13.7 11.1 16.7

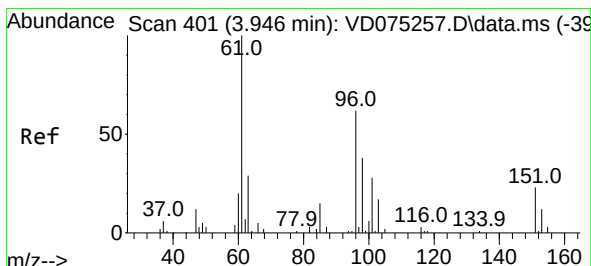
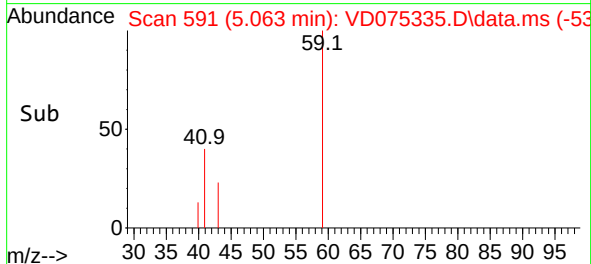
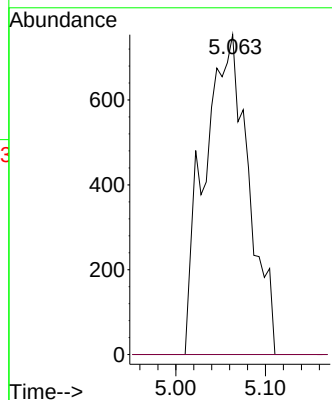
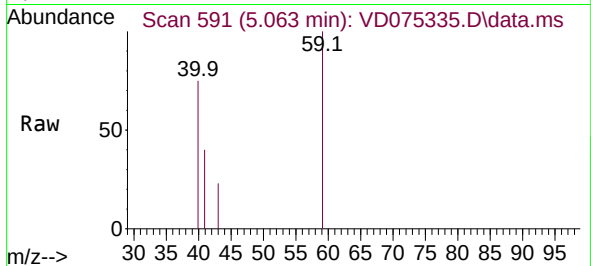




#11
Tert butyl alcohol
Concen: 71.300 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

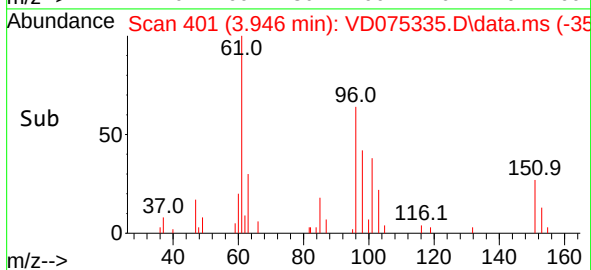
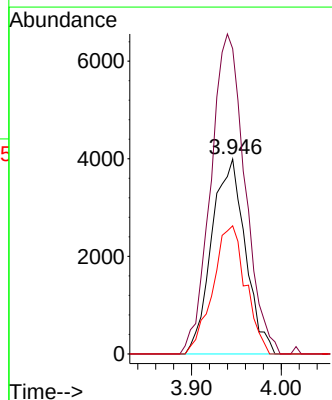
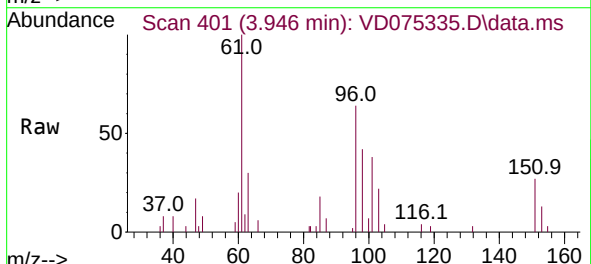
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

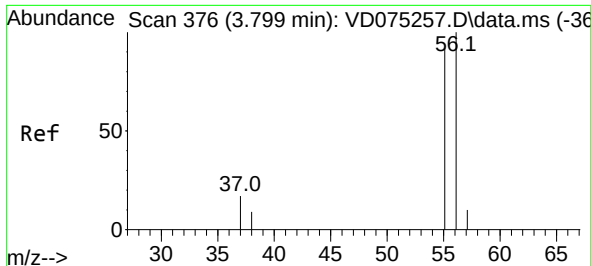
Tgt Ion: 59 Resp: 2568
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 19.800 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 96 Resp: 10378
Ion Ratio Lower Upper
96 100
61 156.7 126.8 190.2
98 65.8 50.4 75.6

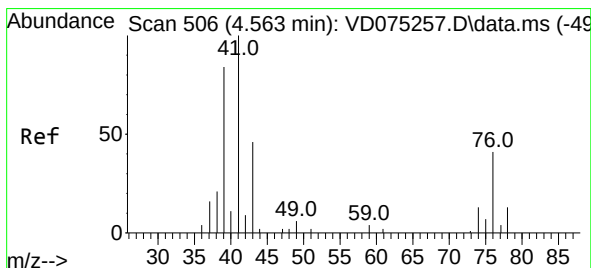
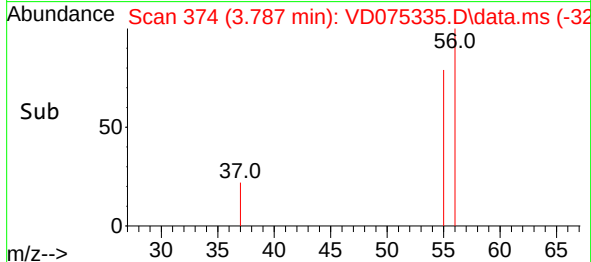
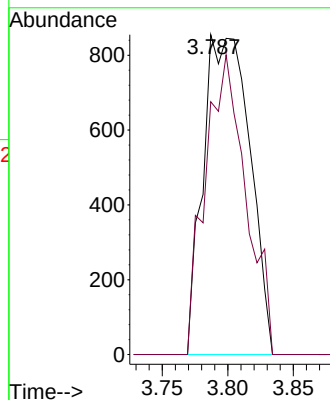
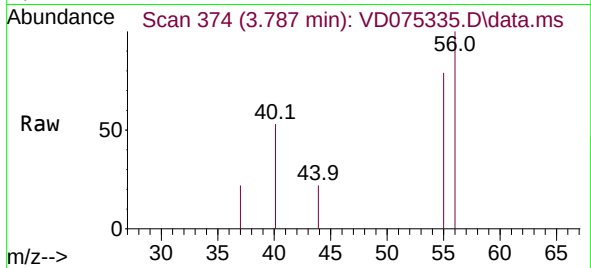




#13
Acrolein
Concen: 99.714 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

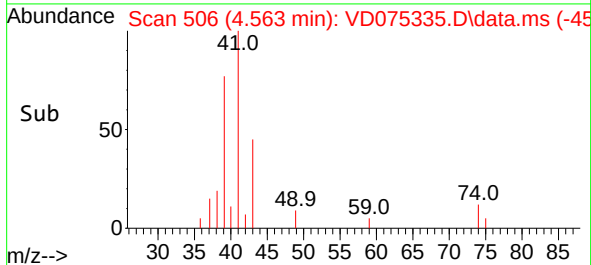
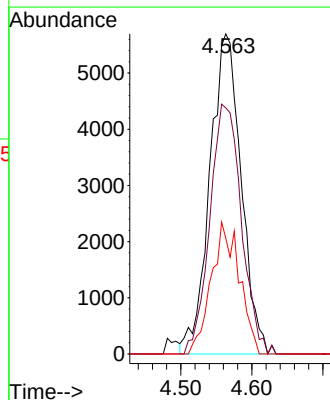
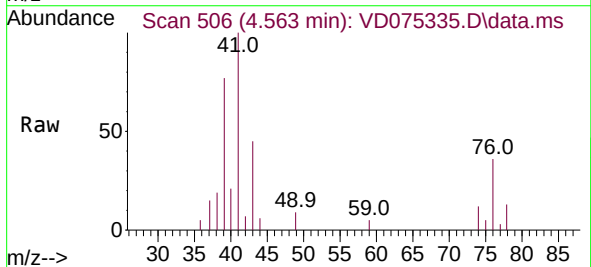
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

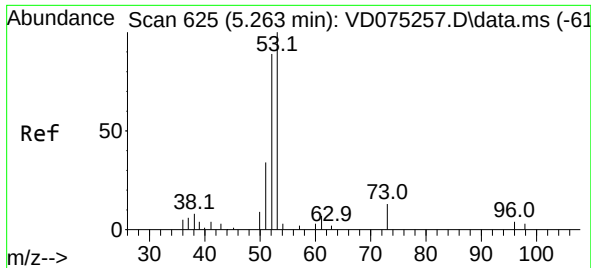
Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
55 81.7 53.0 79.6#



#14
Allyl chloride
Concen: 20.000 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 41 Resp: 17441
Ion Ratio Lower Upper
41 100
39 78.6 55.4 83.0
76 37.1 30.2 45.2

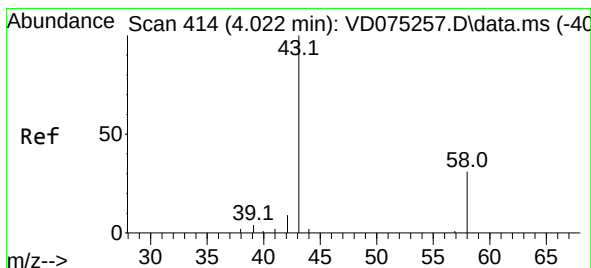
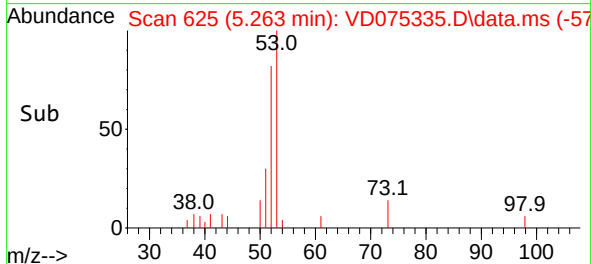
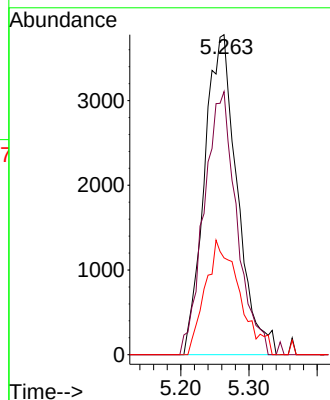
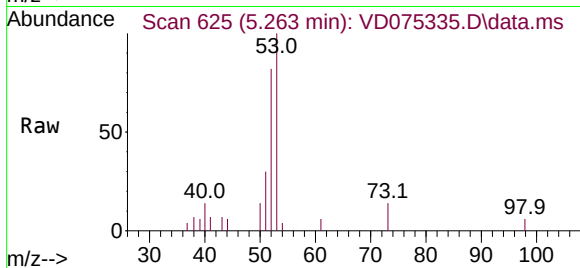




#15
Acrylonitrile
Concen: 99.670 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

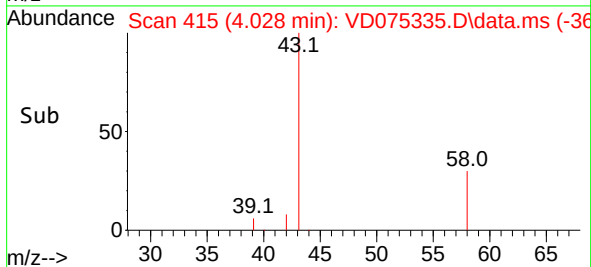
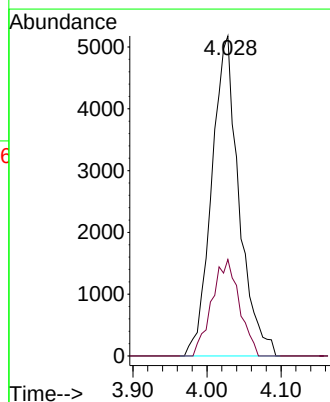
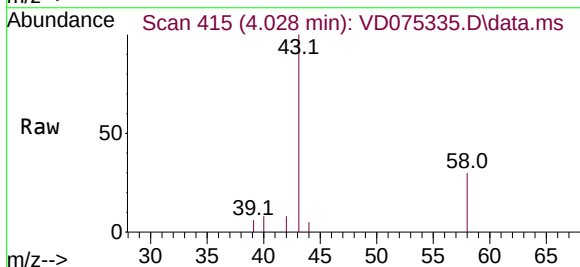
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

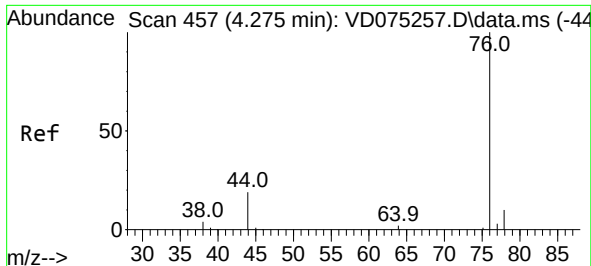
Tgt Ion:	53	Resp:	12630
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.0	100.6
51	37.5	30.1	45.1



#16
Acetone
Concen: 91.240 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:	43	Resp:	13248
Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.0	39.0

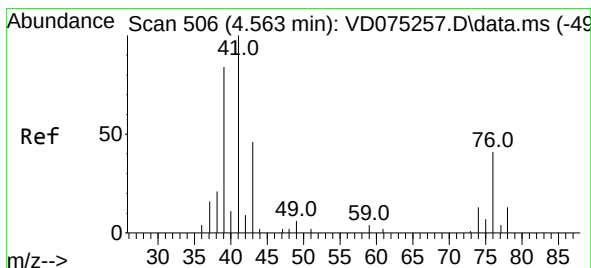
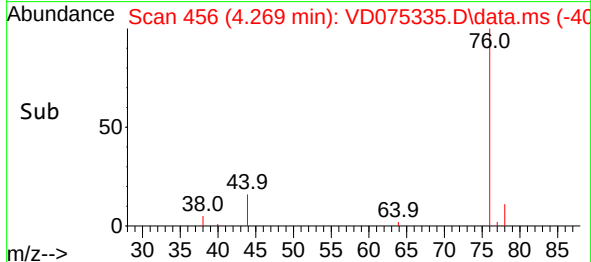
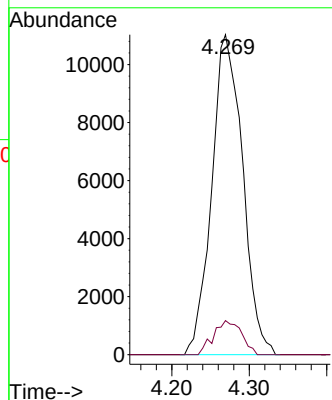
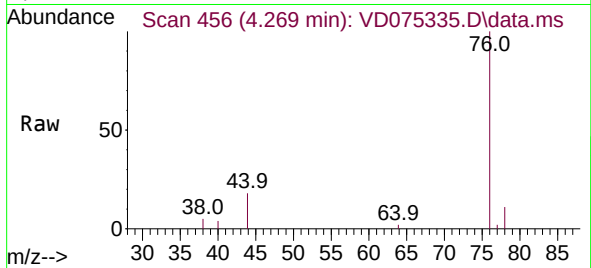




#17
Carbon Disulfide
Concen: 18.880 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

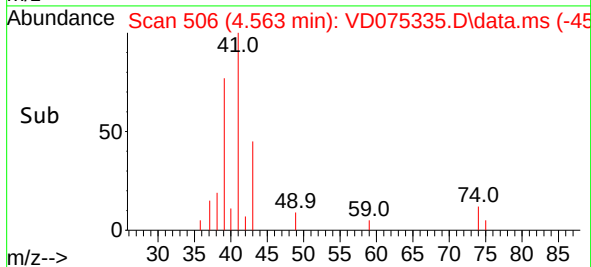
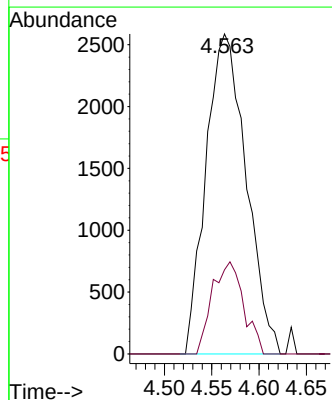
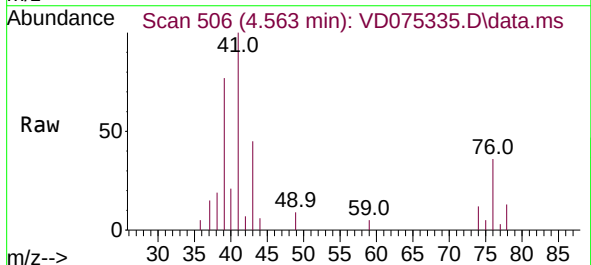
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

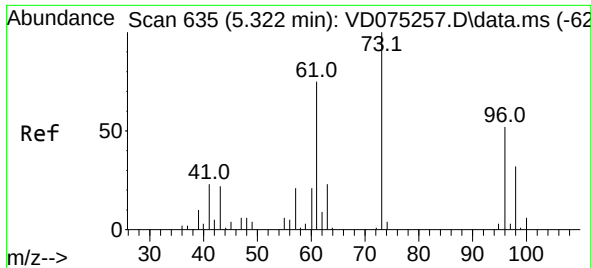
Tgt Ion: 76 Resp: 30529
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.955 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 43 Resp: 7638
Ion Ratio Lower Upper
43 100
74 22.5 18.5 27.7

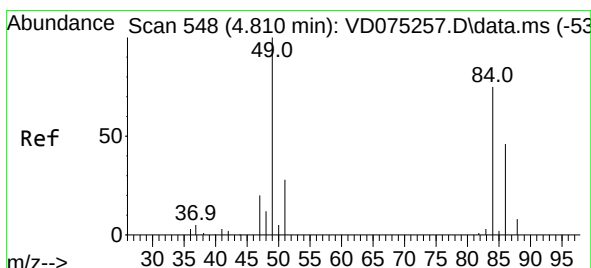
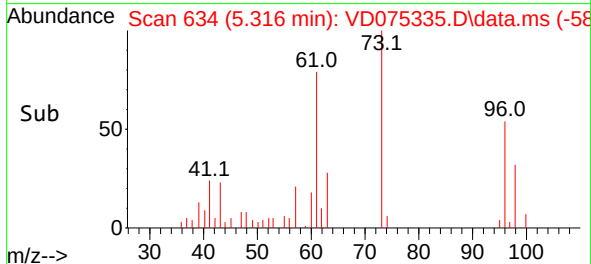
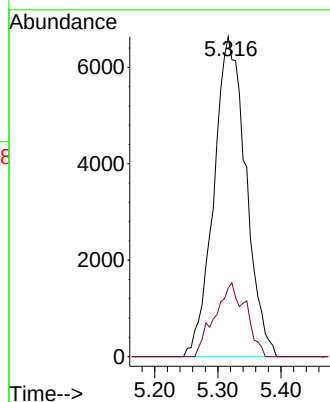
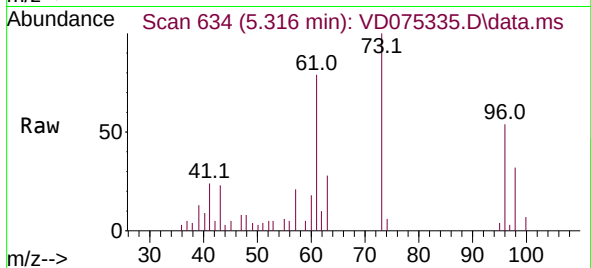




#19
Methyl tert-butyl Ether
Concen: 19.460 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

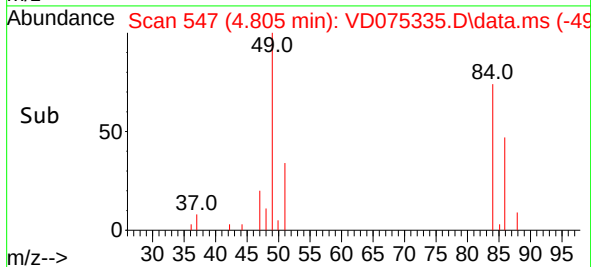
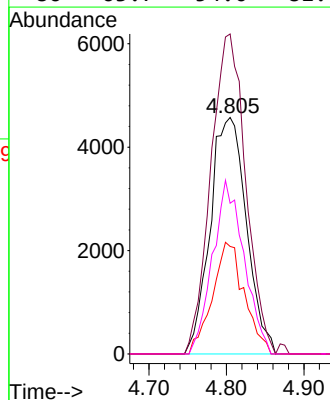
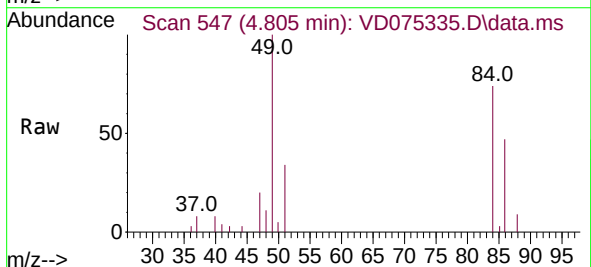
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

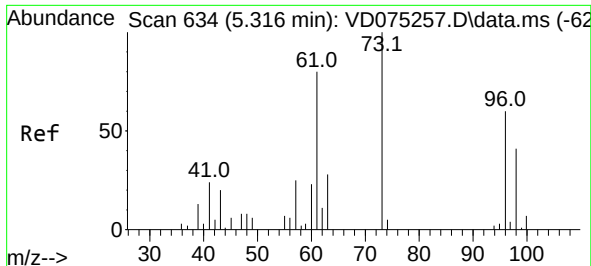
Tgt Ion: 73 Resp: 23418
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7



#20
Methylene Chloride
Concen: 20.824 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 84 Resp: 14893
Ion Ratio Lower Upper
84 100
49 135.4 97.0 145.6
51 45.5 30.9 46.3
86 63.7 54.0 81.0

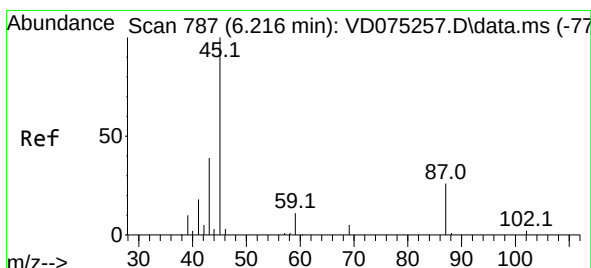
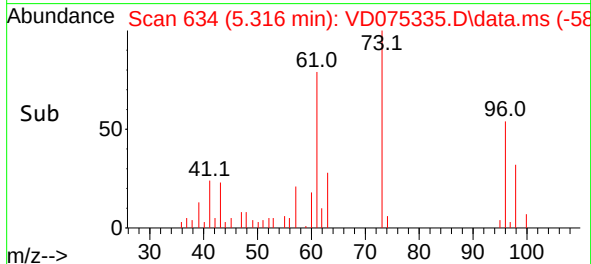
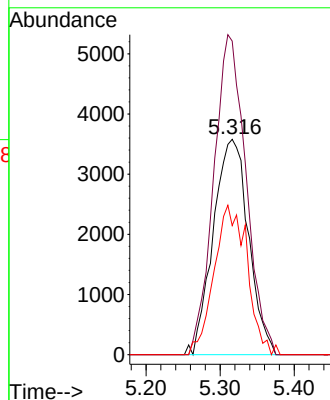
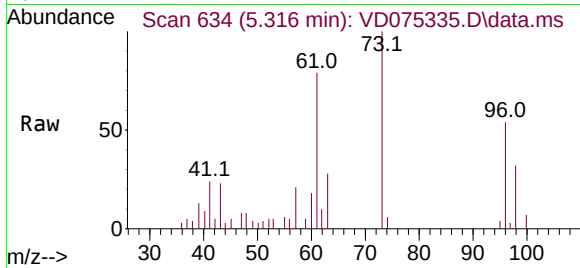




#21
trans-1,2-Dichloroethene
Concen: 19.908 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

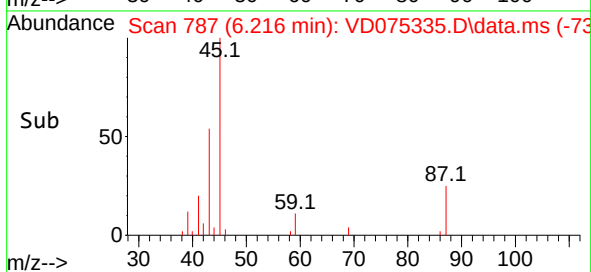
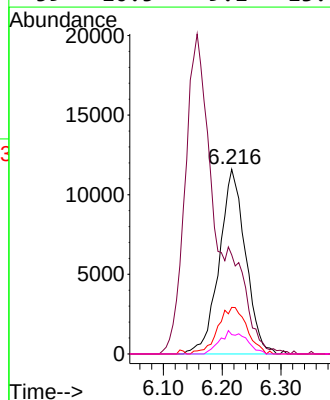
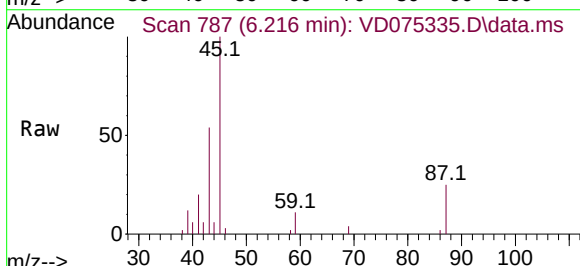
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

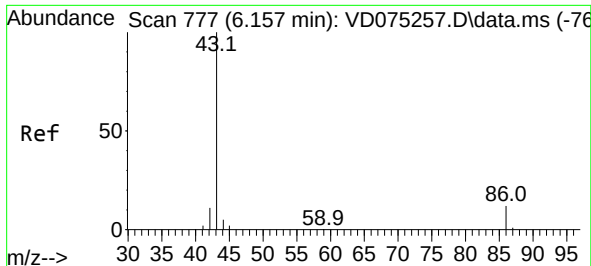
Tgt Ion: 96 Resp: 11808
Ion Ratio Lower Upper
96 100
61 145.6 105.7 158.5
98 60.0 50.4 75.6



#22
Diisopropyl ether
Concen: 20.711 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 45 Resp: 35924
Ion Ratio Lower Upper
45 100
43 51.7 45.3 67.9
87 25.3 22.1 33.1
59 10.5 9.1 13.7

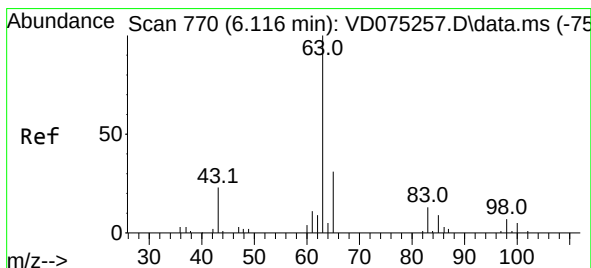
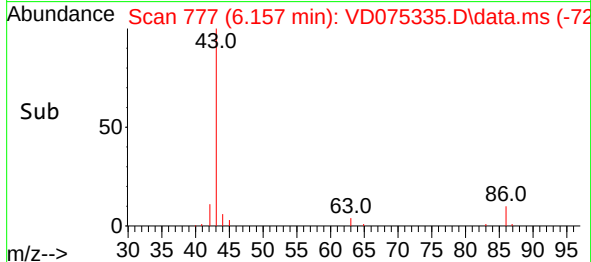
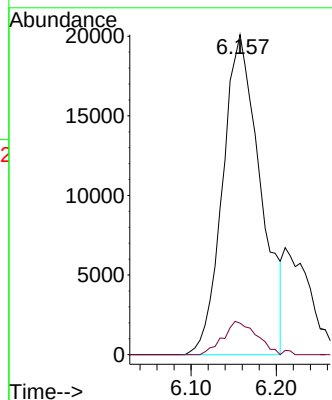
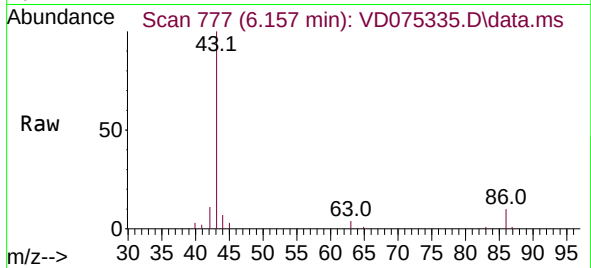




#23
 Vinyl Acetate
 Concen: 116.047 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

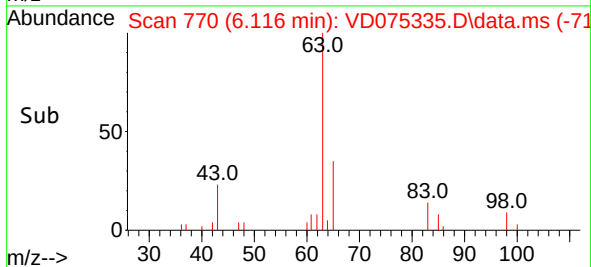
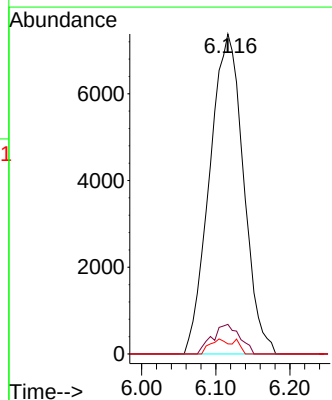
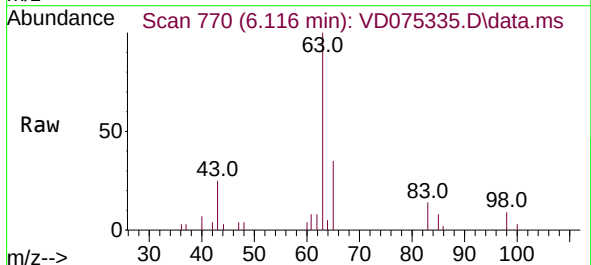
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

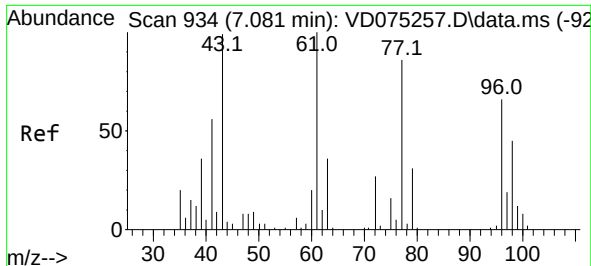
Tgt Ion: 43 Resp: 61811
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 21.660 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

Tgt Ion: 63 Resp: 23424
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.0 12.2
 100 3.2 2.5 7.4





#25

2-Butanone

Concen: 93.757 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

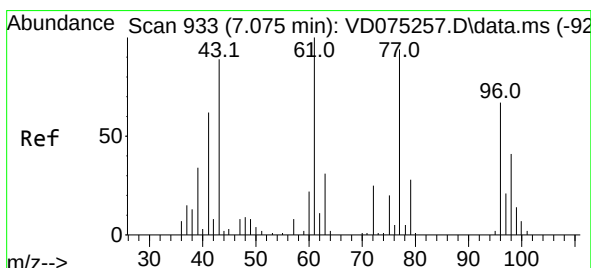
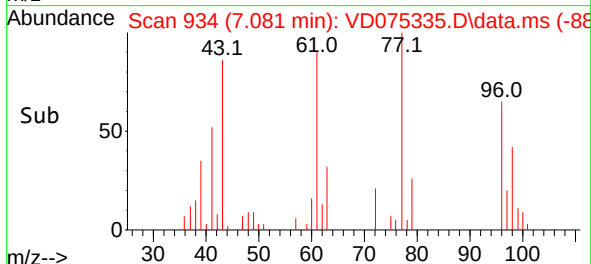
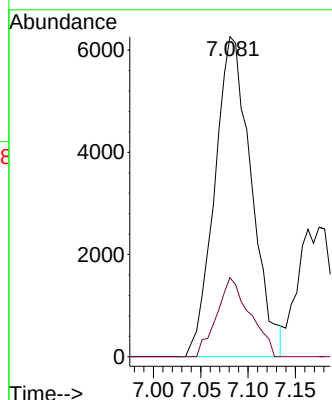
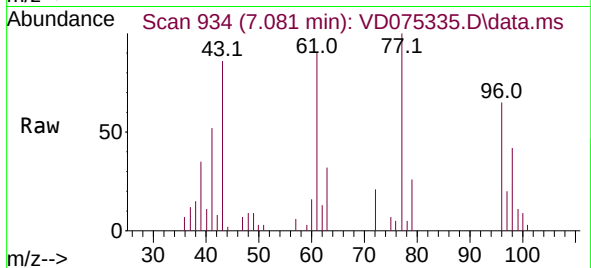
VD0214SBS01

Tgt Ion: 43 Resp: 16868

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.8



#26

2,2-Dichloropropane

Concen: 21.295 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075335.D

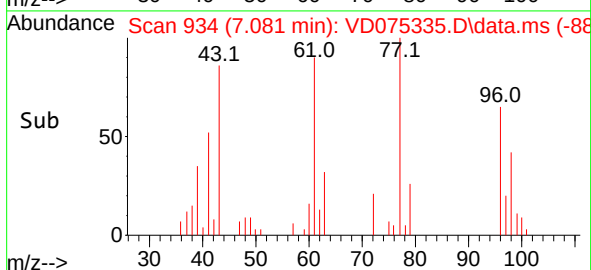
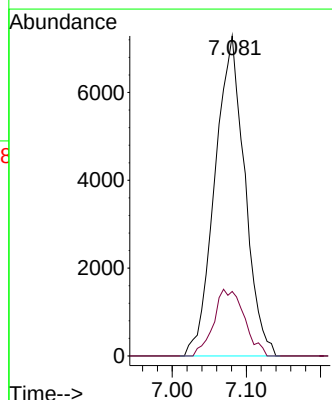
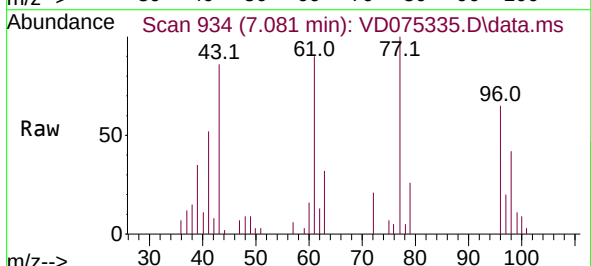
Acq: 14 Feb 2023 11:26

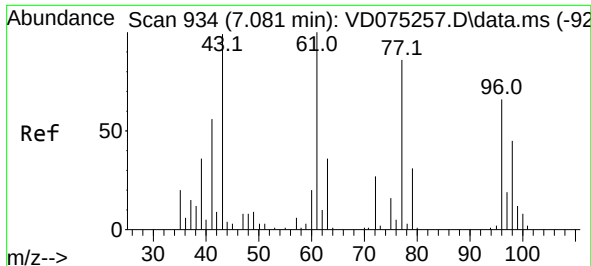
Tgt Ion: 77 Resp: 20384

Ion Ratio Lower Upper

77 100

97 21.3 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.064 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

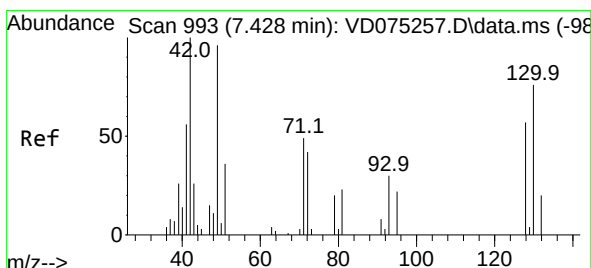
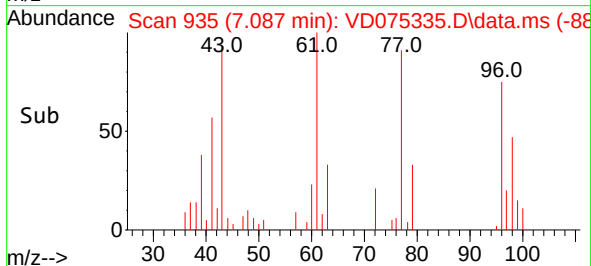
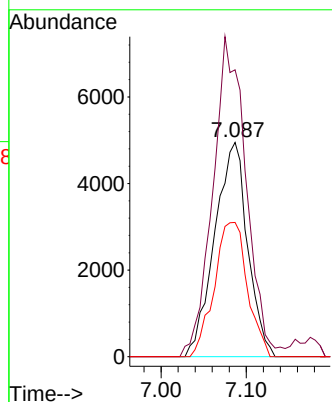
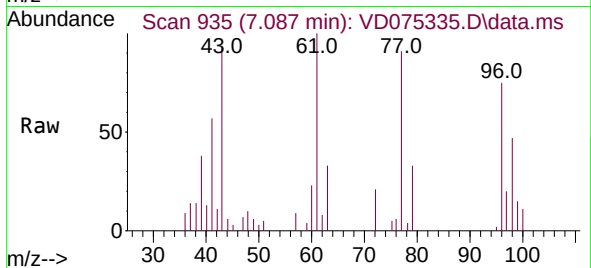
Tgt Ion: 96 Resp: 13314

Ion Ratio Lower Upper

96 100

61 150.7 0.0 287.4

98 62.8 0.0 129.8



#28

Bromochloromethane

Concen: 21.353 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

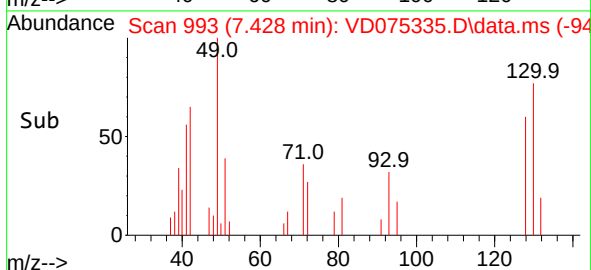
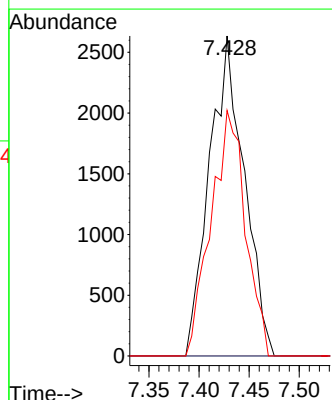
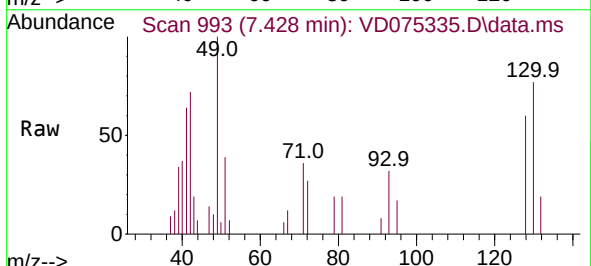
Tgt Ion: 49 Resp: 6375

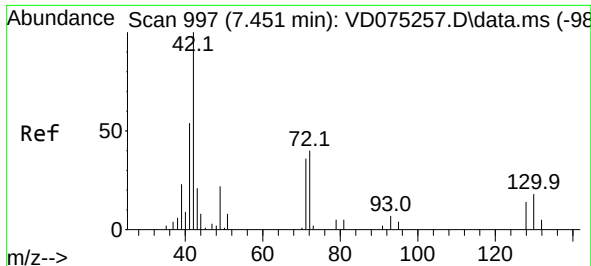
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 75.6 63.6 95.4





#29

Tetrahydrofuran

Concen: 94.880 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.011 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

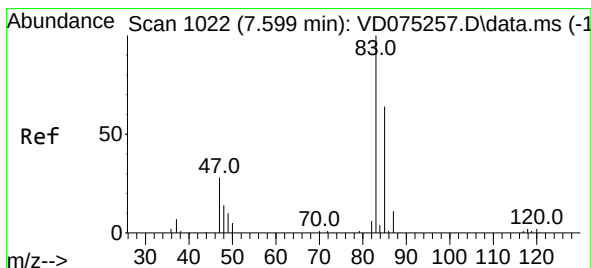
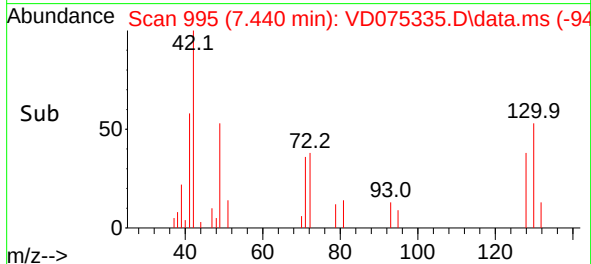
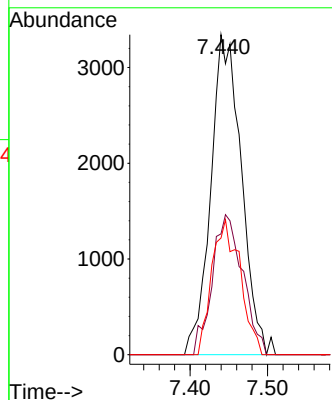
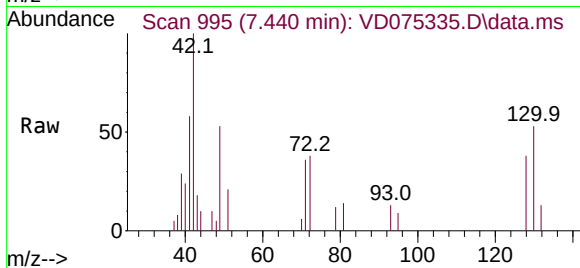
Tgt Ion: 42 Resp: 9192

Ion Ratio Lower Upper

42 100

72 43.6 33.8 50.8

71 38.9 31.6 47.4



#30

Chloroform

Concen: 22.034 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075335.D

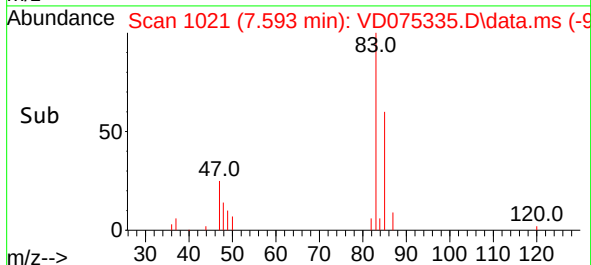
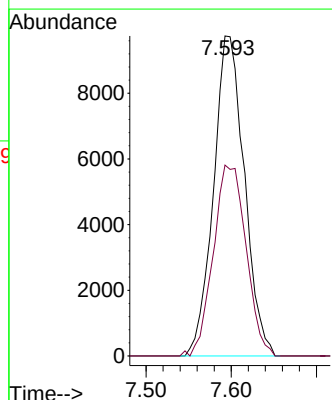
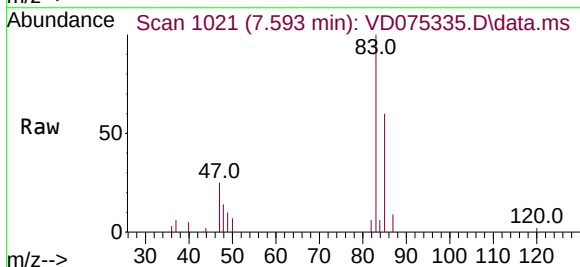
Acq: 14 Feb 2023 11:26

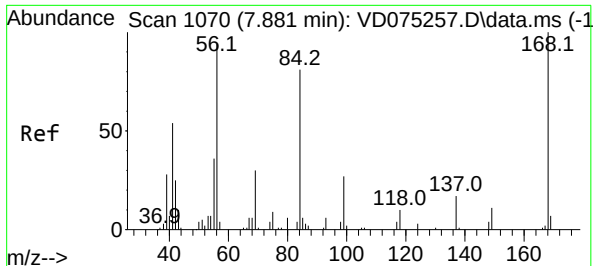
Tgt Ion: 83 Resp: 24526

Ion Ratio Lower Upper

83 100

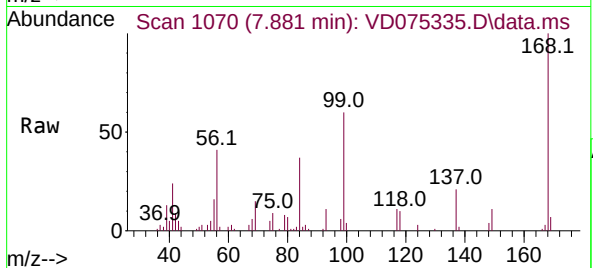
85 59.6 48.5 72.7



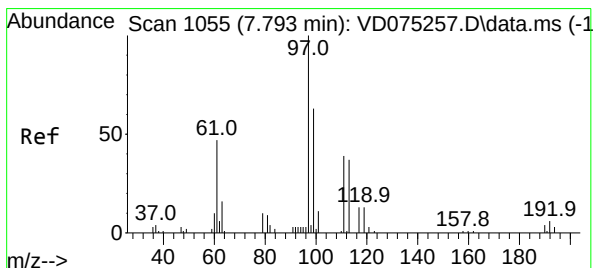
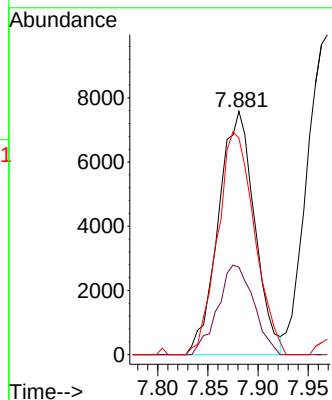
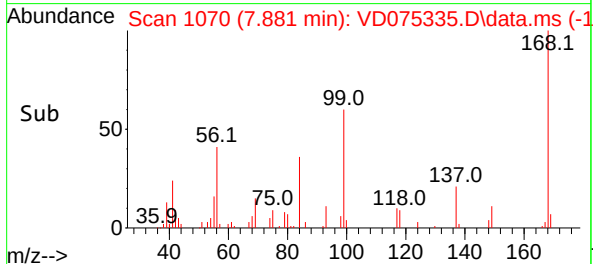


#31
Cyclohexane
Concen: 19.533 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

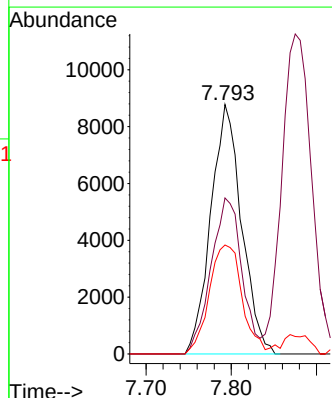
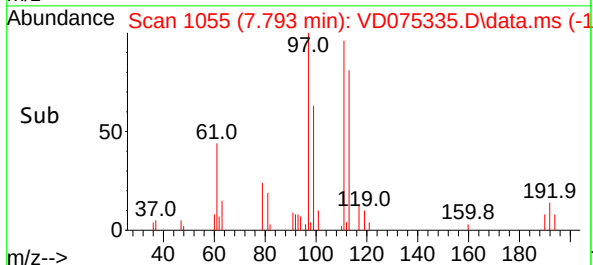
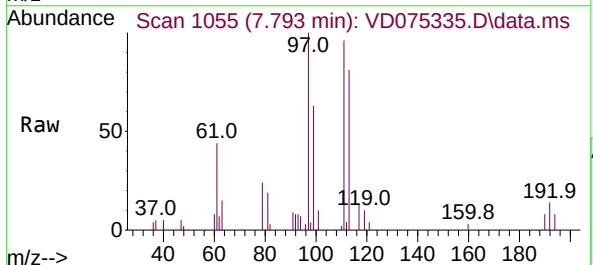


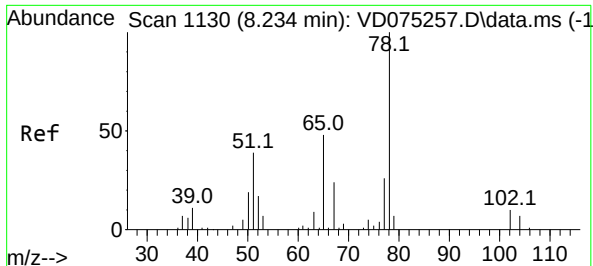
Tgt Ion: 56 Resp: 19046
Ion Ratio Lower Upper
56 100
69 36.0 26.6 40.0
84 89.0 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 22.099 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 97 Resp: 22003
Ion Ratio Lower Upper
97 100
99 62.6 51.7 77.5
61 46.9 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.445 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

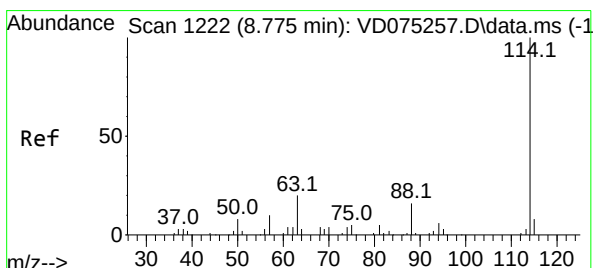
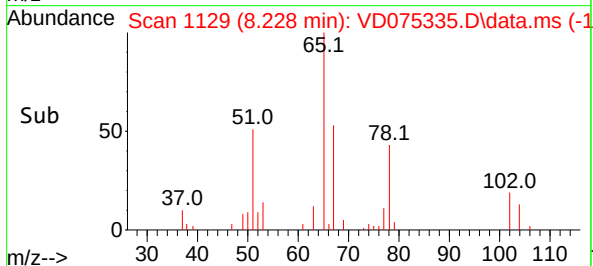
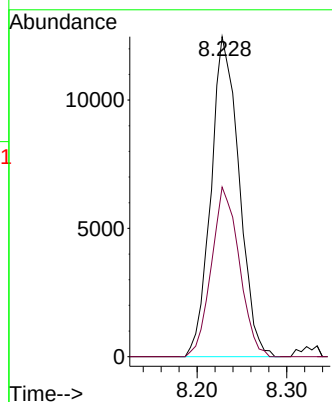
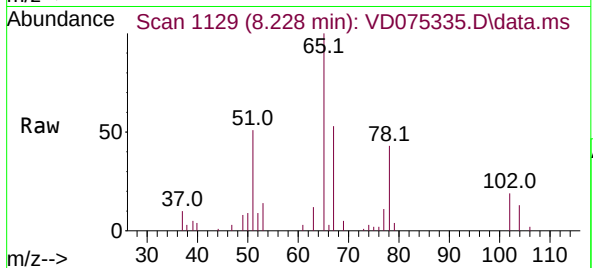
VD0214SBS01

Tgt Ion: 65 Resp: 27151

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

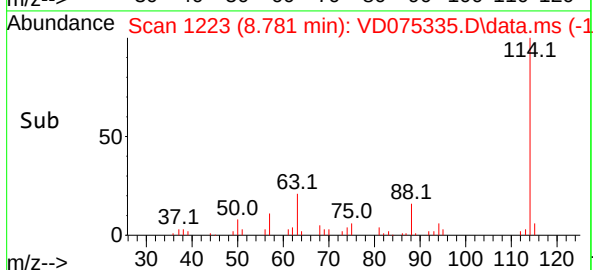
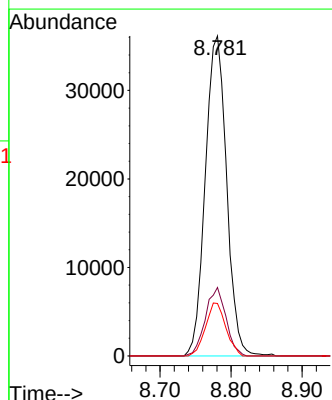
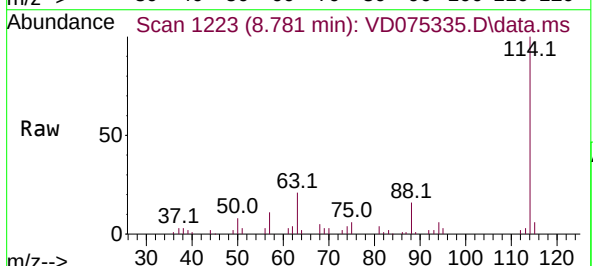
Tgt Ion: 114 Resp: 75470

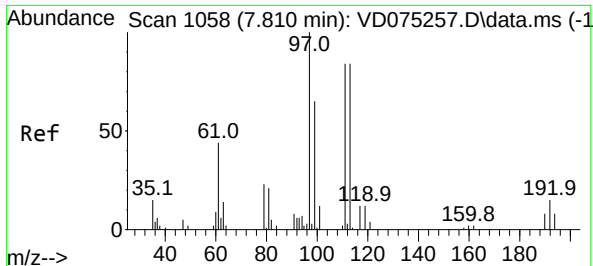
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.215 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

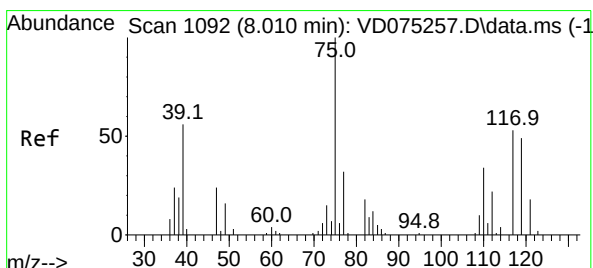
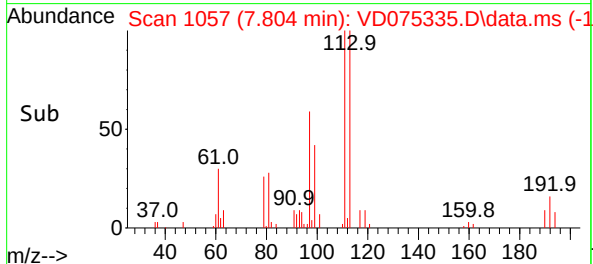
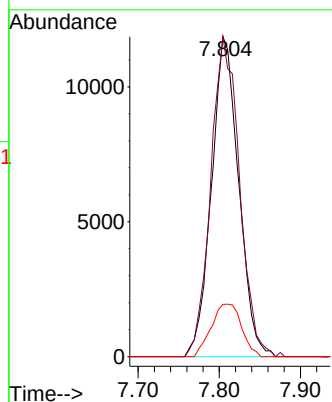
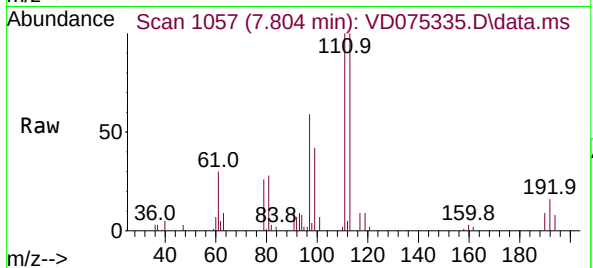
Tgt Ion:113 Resp: 27632

Ion Ratio Lower Upper

113 100

111 105.3 80.1 120.1

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 21.030 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

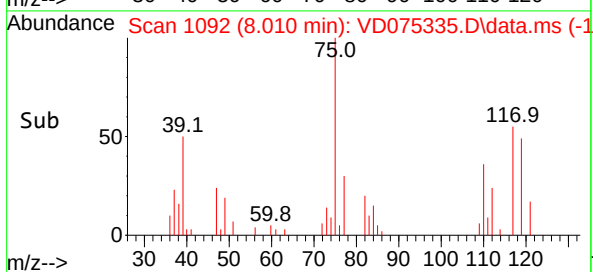
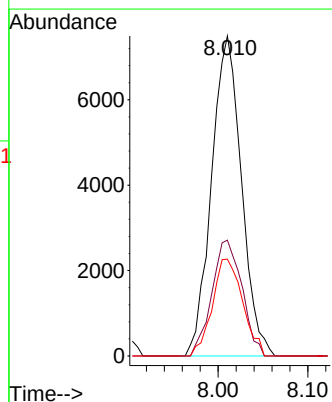
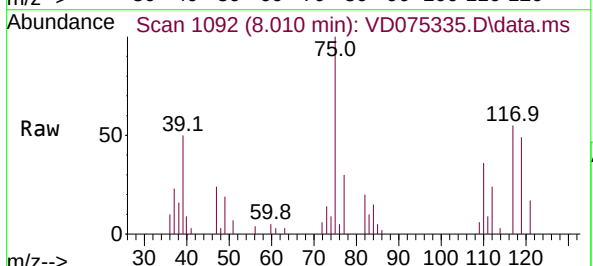
Tgt Ion: 75 Resp: 17336

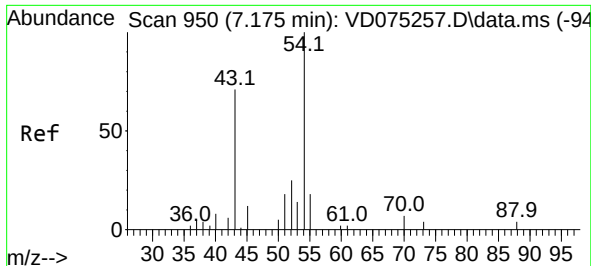
Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 18.808 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

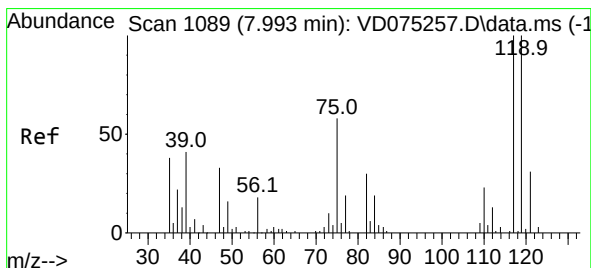
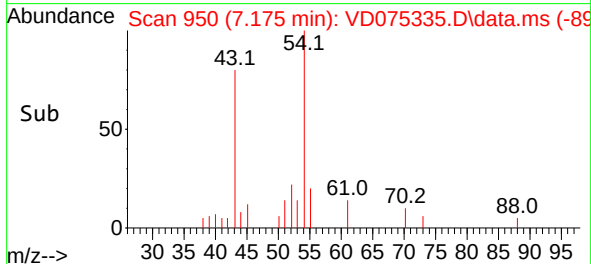
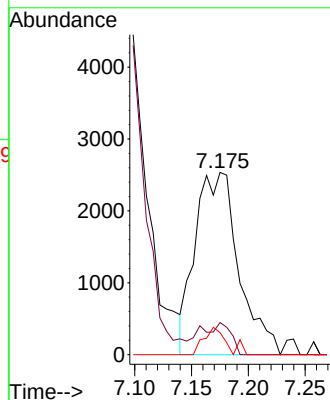
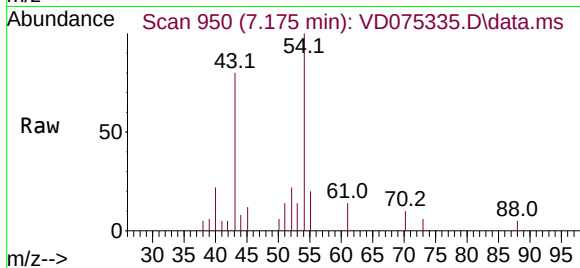
MSVOA_D

ClientSampleId :

VD0214SBS01

Tgt Ion: 43 Resp: 6762

Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.7	17.5
70	6.7	8.8	13.2



#38

Carbon Tetrachloride

Concen: 23.307 ug/l

RT: 7.993 min Scan# 1089

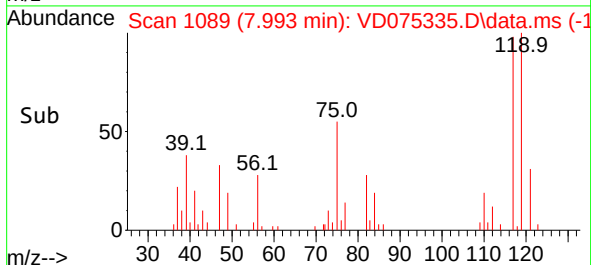
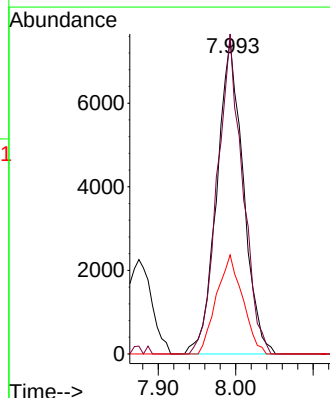
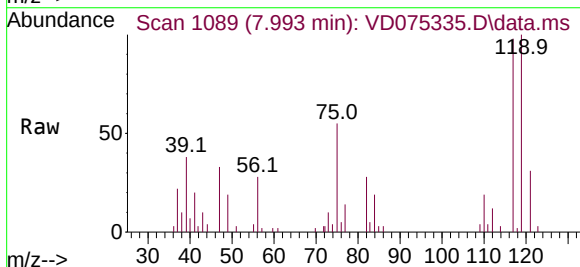
Delta R.T. -0.000 min

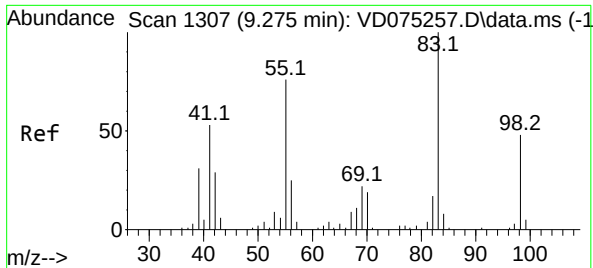
Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Tgt Ion: 117 Resp: 17804

Ion	Ratio	Lower	Upper
117	100		
119	102.0	73.6	110.4
121	31.6	25.4	38.0





#39

Methylcyclohexane

Concen: 20.025 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

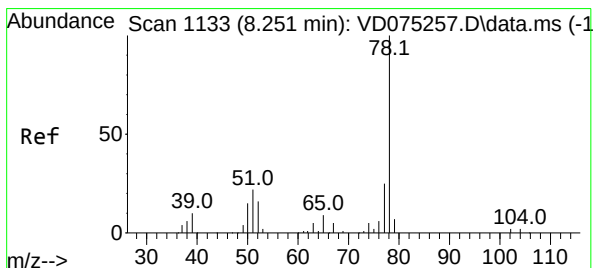
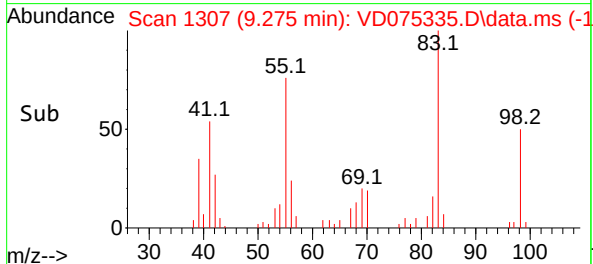
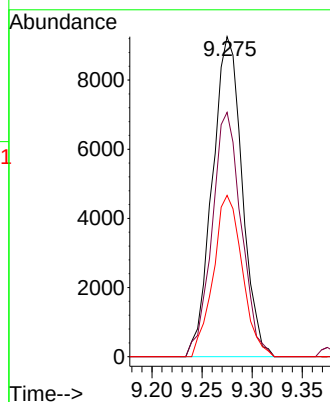
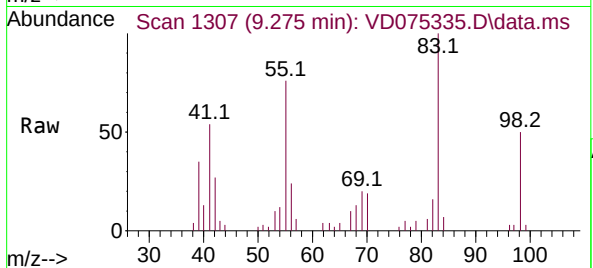
Tgt Ion: 83 Resp: 19108

Ion Ratio Lower Upper

83 100

55 76.4 60.0 90.0

98 50.4 39.0 58.4



#40

Benzene

Concen: 20.744 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075335.D

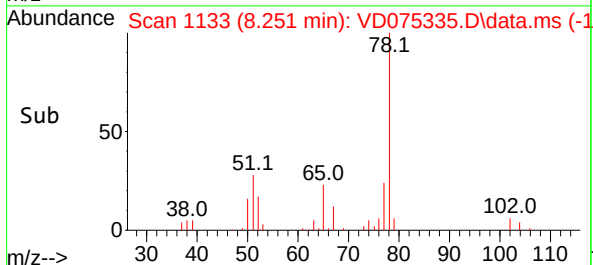
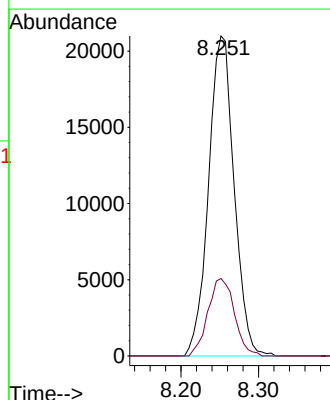
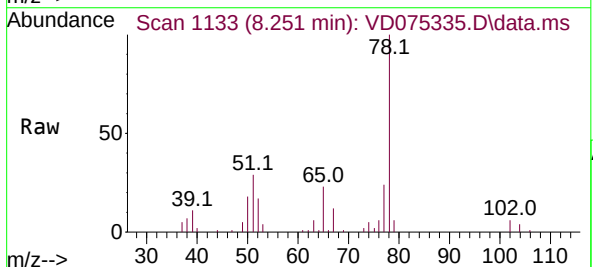
Acq: 14 Feb 2023 11:26

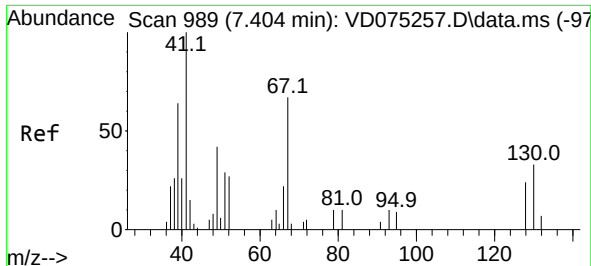
Tgt Ion: 78 Resp: 48062

Ion Ratio Lower Upper

78 100

77 24.2 19.8 29.6

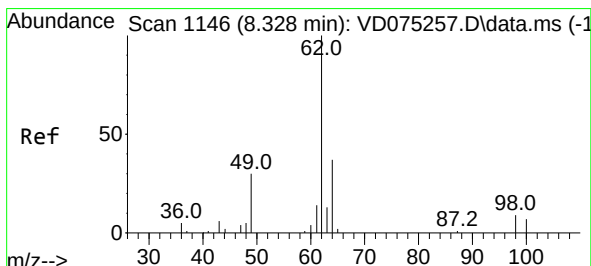
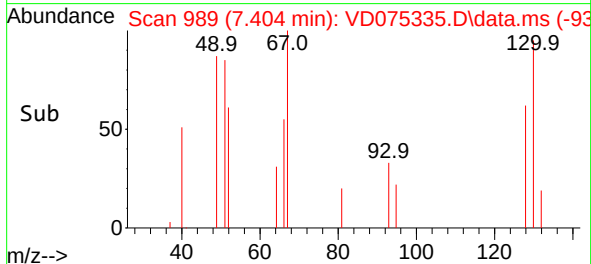
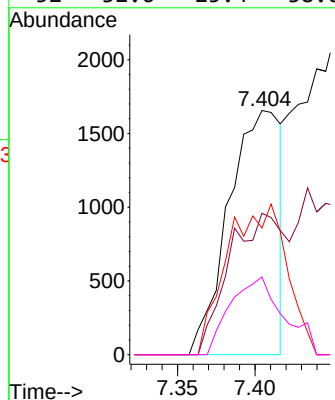
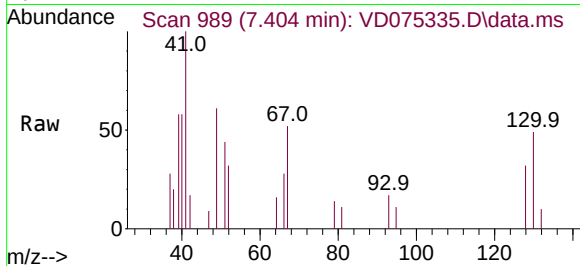




#41
Methacrylonitrile
Concen: 17.979 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

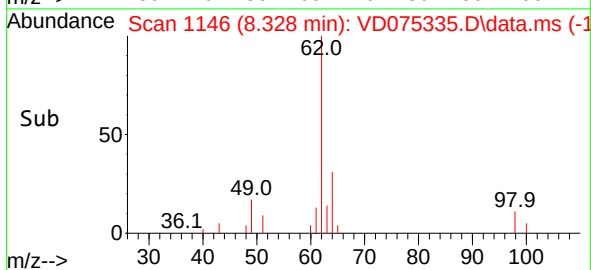
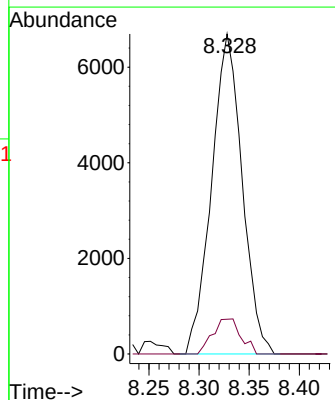
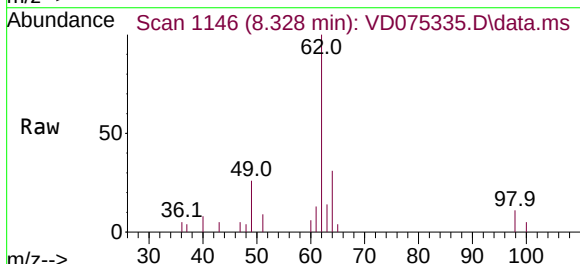
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

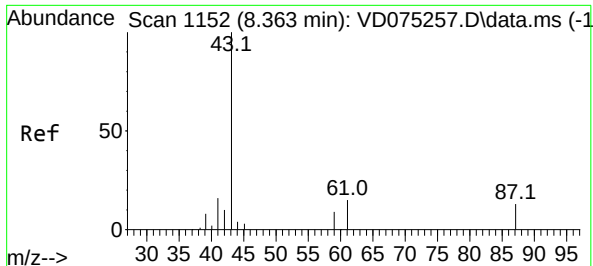
Tgt Ion: 41	Resp:	3856	
Ion	Ratio	Lower	Upper
41	100		
39	63.8	57.8	86.6
67	70.5	60.5	90.7
52	32.6	25.4	38.0



#42
1,2-Dichloroethane
Concen: 21.141 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 62	Resp:	14181	
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2

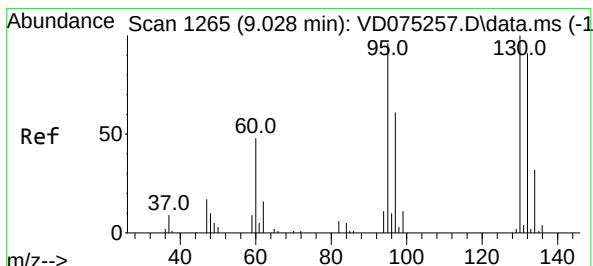
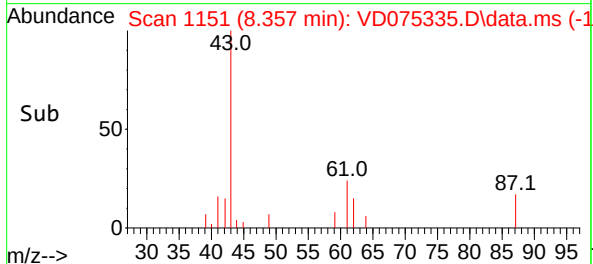
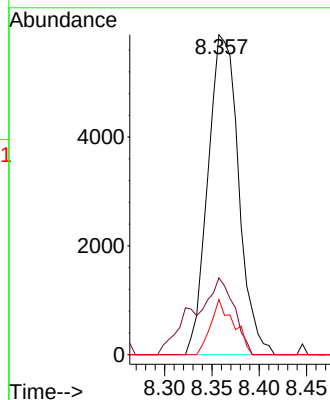
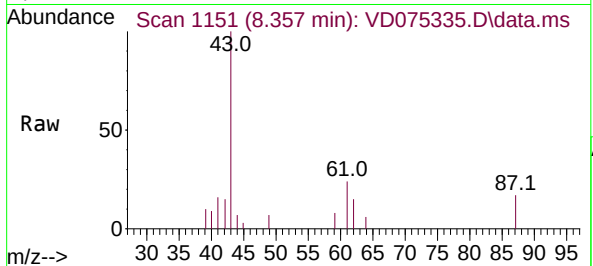




#43
Isopropyl Acetate
Concen: 19.312 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

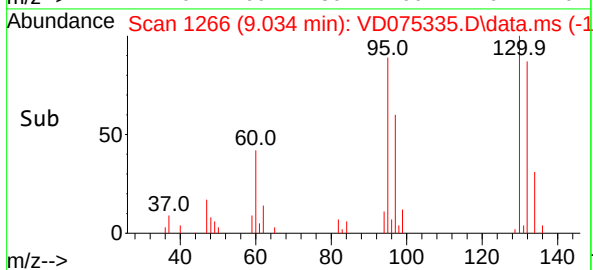
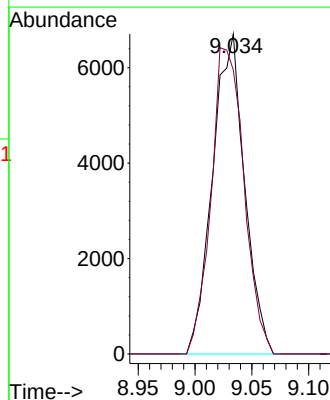
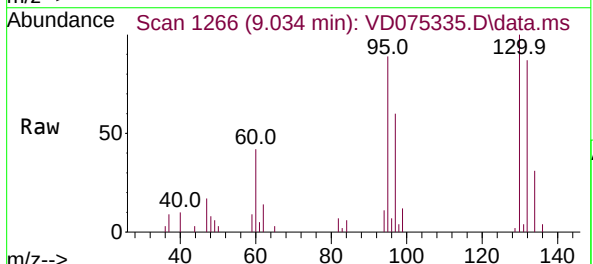
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

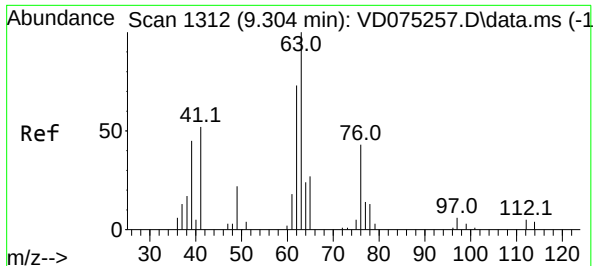
Tgt Ion: 43 Resp: 13267
Ion Ratio Lower Upper
43 100
61 21.8 25.0 37.6#
87 13.0 10.6 16.0



#44
Trichloroethene
Concen: 20.551 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:130 Resp: 13125
Ion Ratio Lower Upper
130 100
95 88.8 0.0 188.6





#45

1,2-Dichloropropane

Concen: 22.116 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

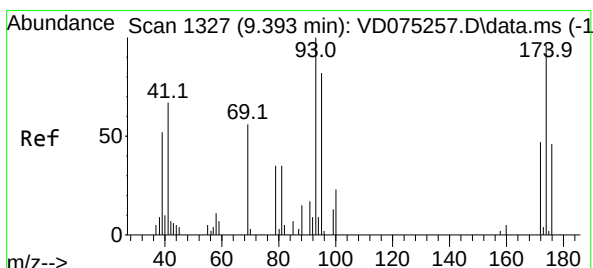
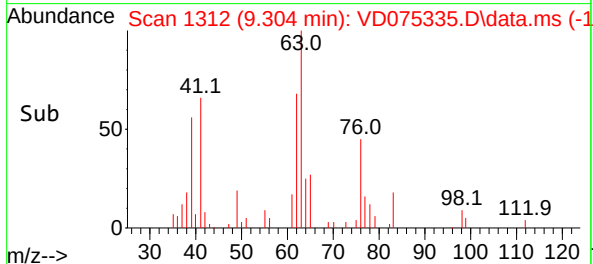
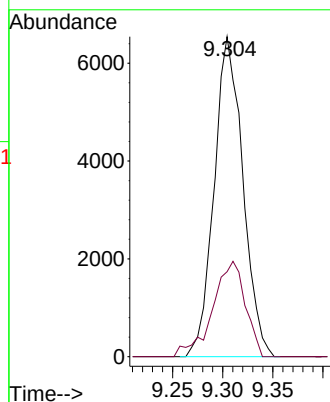
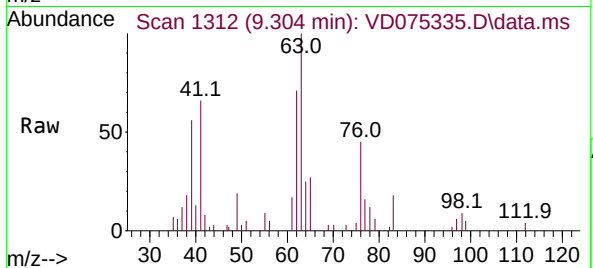
VD0214SBS01

Tgt Ion: 63 Resp: 13013

Ion Ratio Lower Upper

63 100

65 26.6 25.1 37.7



#46

Dibromomethane

Concen: 20.977 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

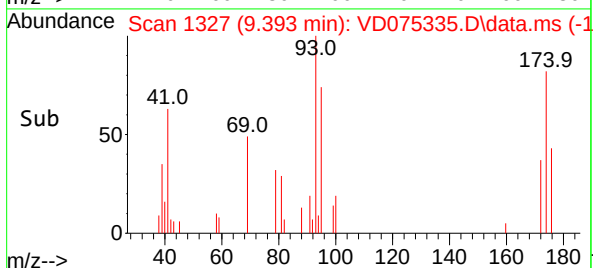
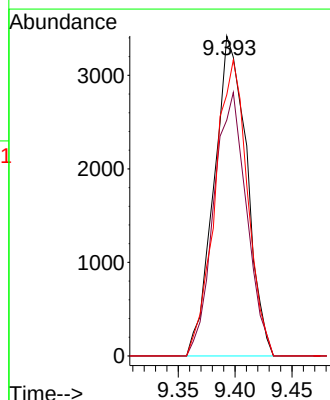
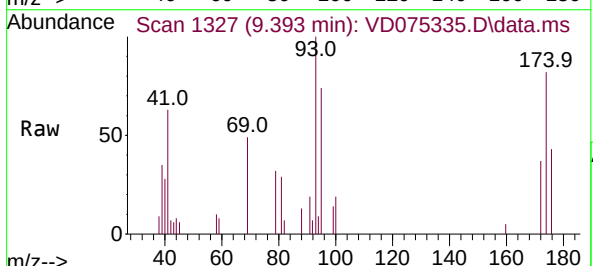
Tgt Ion: 93 Resp: 6840

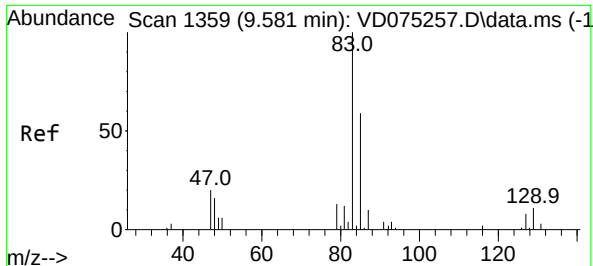
Ion Ratio Lower Upper

93 100

95 82.4 68.3 102.5

174 92.1 77.4 116.0

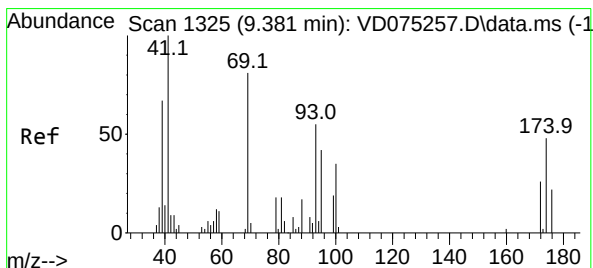
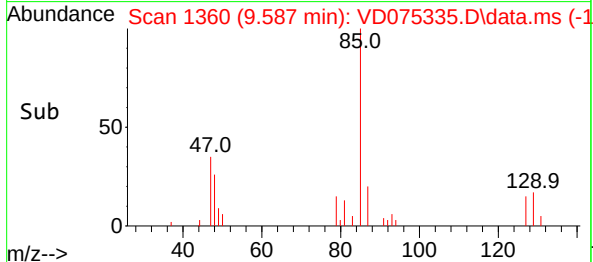
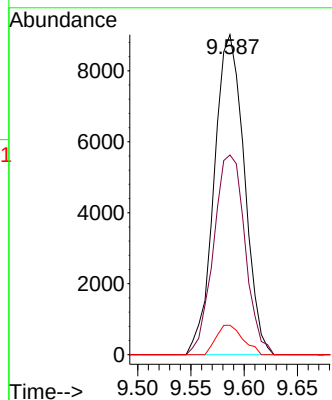
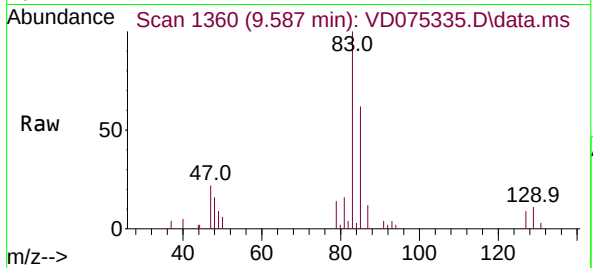




#47
Bromodichloromethane
Concen: 21.834 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

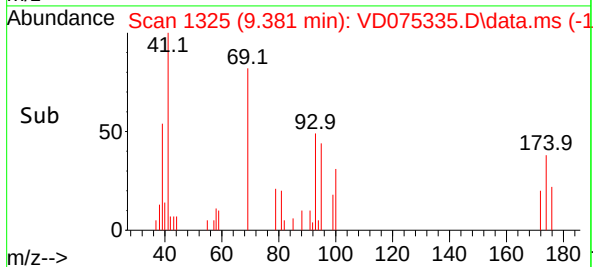
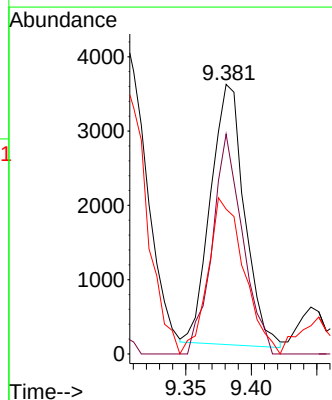
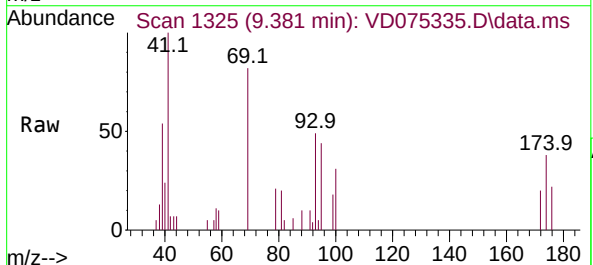
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

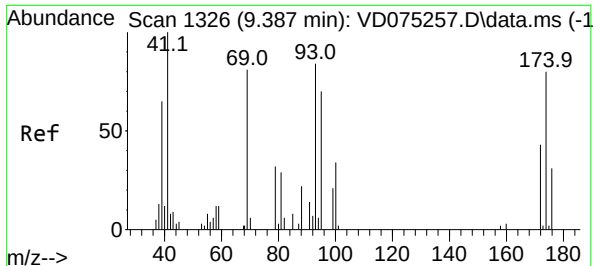
Tgt Ion: 83	Resp:	17719	
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.0	79.4
127	9.2	7.0	10.4



#48
Methyl methacrylate
Concen: 19.277 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 41	Resp:	6289	
Ion	Ratio	Lower	Upper
41	100		
69	76.0	67.8	101.6
39	63.8	46.0	69.0





#49

1,4-Dioxane

Concen: 334.007 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

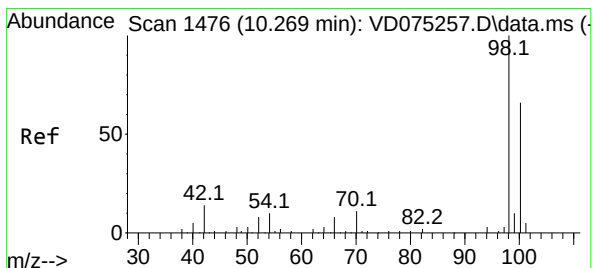
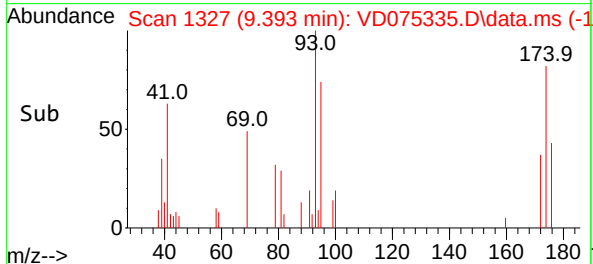
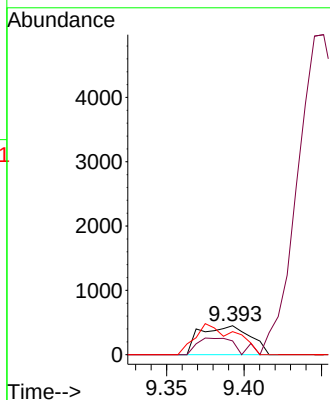
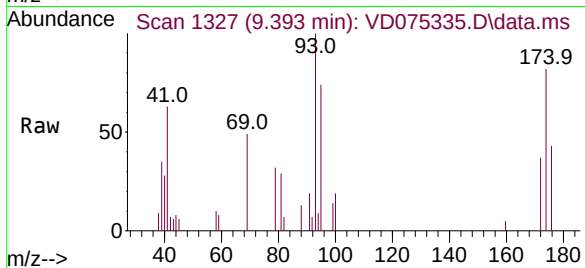
Tgt Ion: 88 Resp: 1000

Ion Ratio Lower Upper

88 100

43 40.6 35.6 53.4

58 87.0 57.4 86.2#



#50

Toluene-d8

Concen: 49.883 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075335.D

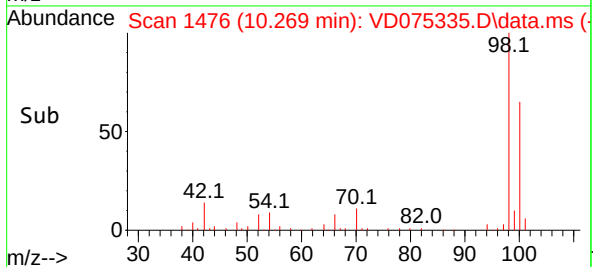
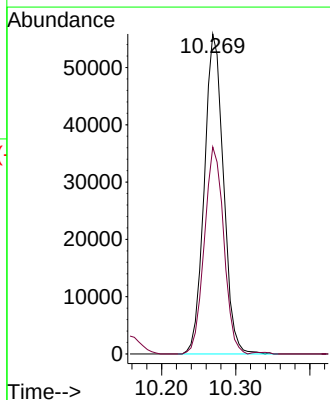
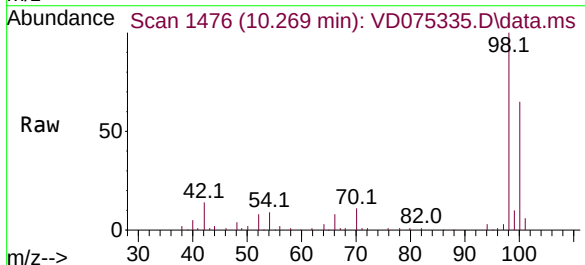
Acq: 14 Feb 2023 11:26

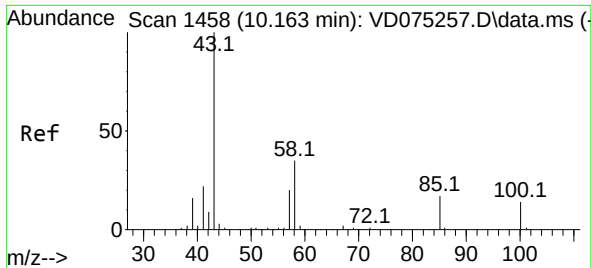
Tgt Ion: 98 Resp: 100109

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

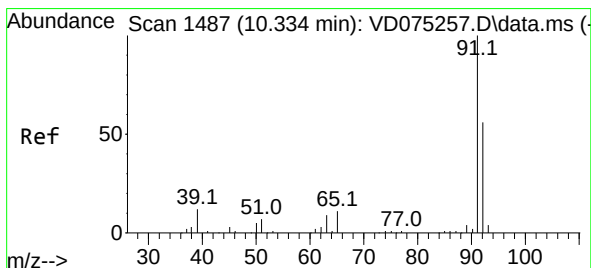
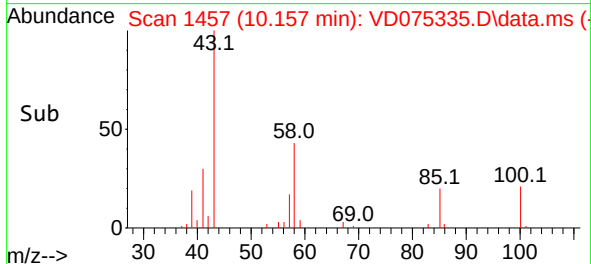
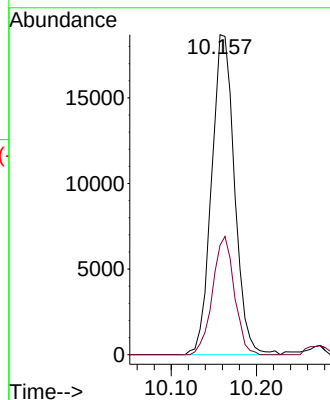
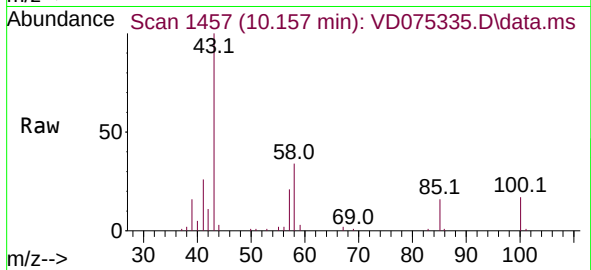




#51
4-Methyl-2-Pentanone
Concen: 100.802 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

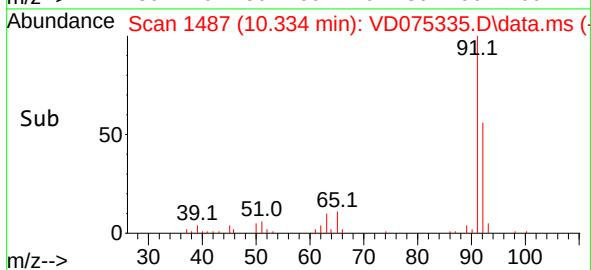
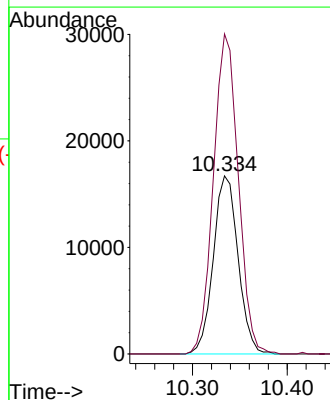
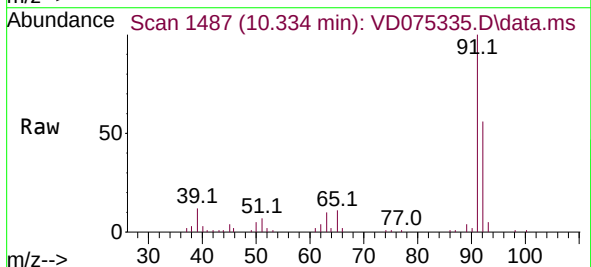
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

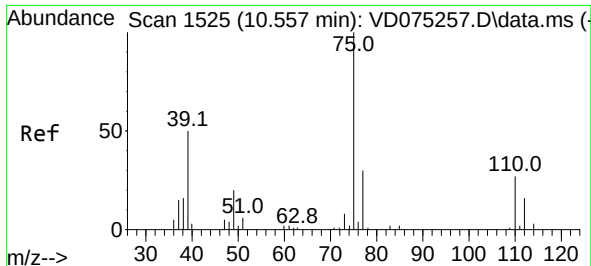
Tgt Ion: 43 Resp: 35009
Ion Ratio Lower Upper
43 100
58 35.0 31.4 47.0



#52
Toluene
Concen: 20.828 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 92 Resp: 30395
Ion Ratio Lower Upper
92 100
91 180.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.087 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

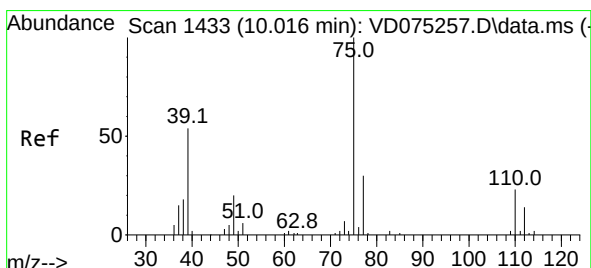
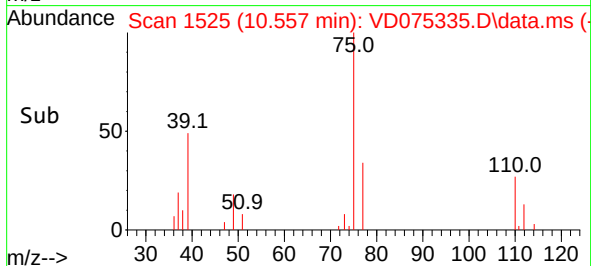
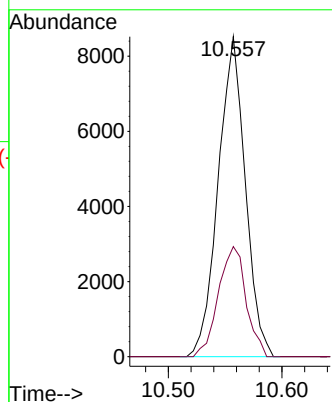
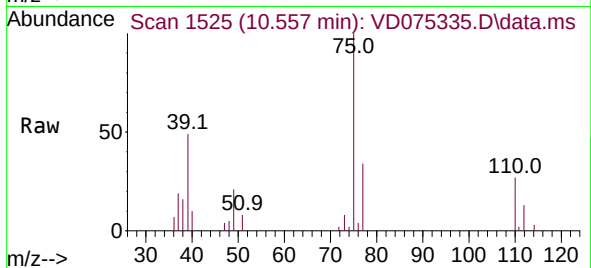
VD0214SBS01

Tgt Ion: 75 Resp: 14120

Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.352 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

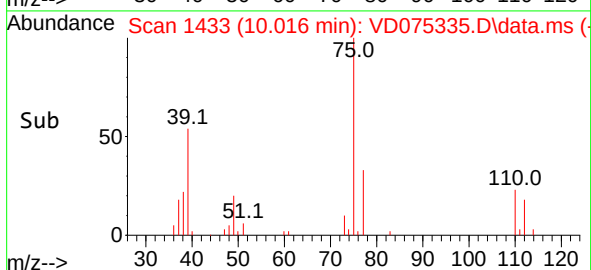
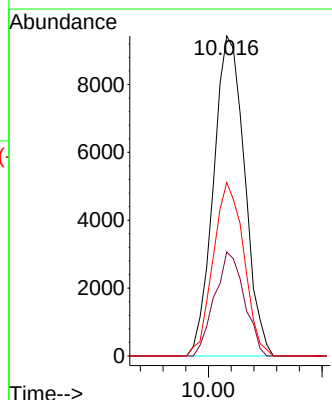
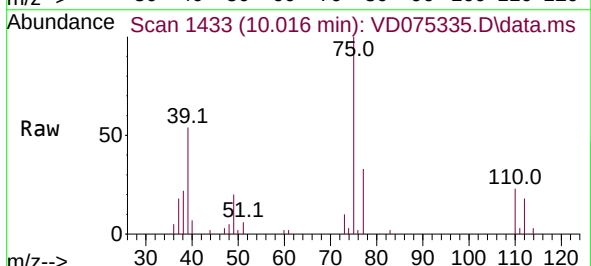
Tgt Ion: 75 Resp: 17945

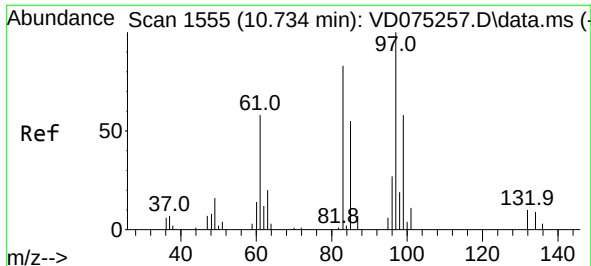
Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 54.2 37.9 56.9

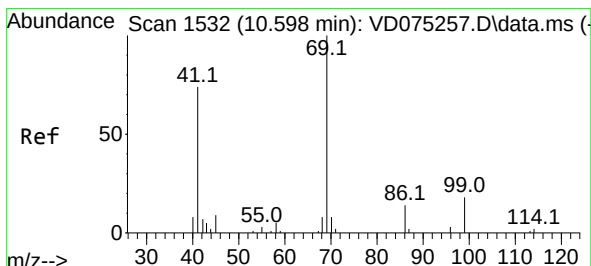
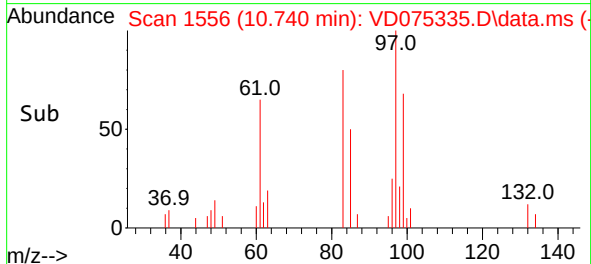
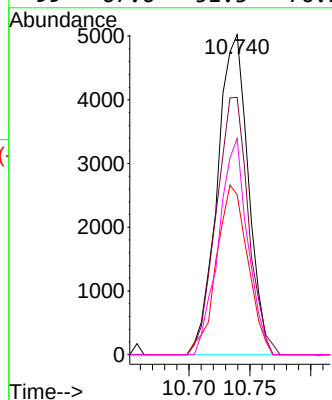
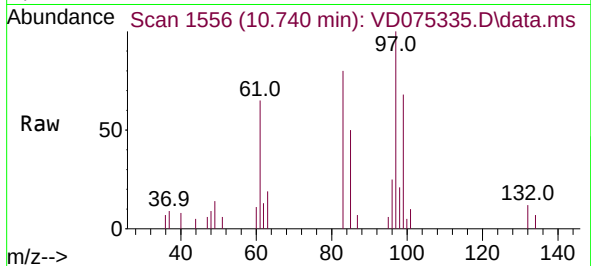




#55
1,1,2-Trichloroethane
Concen: 21.285 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

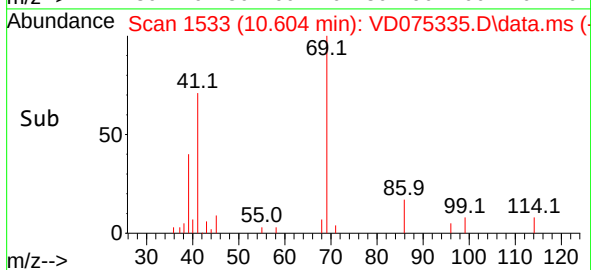
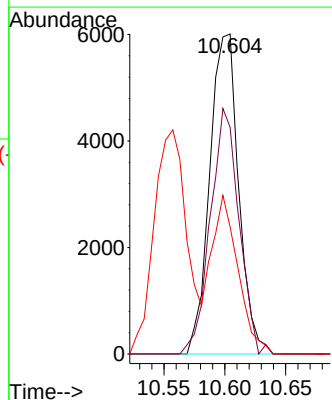
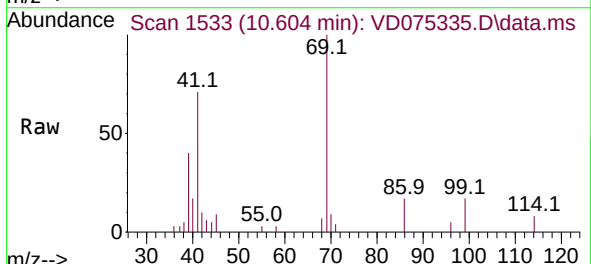
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

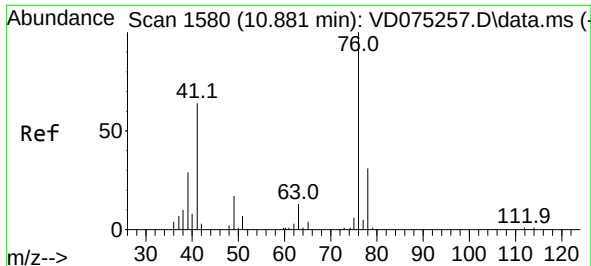
Tgt Ion:	97	Resp:	8860
Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.4	104.0
85	50.0	46.0	69.0
99	67.6	51.3	76.9



#56
Ethyl methacrylate
Concen: 20.527 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:	69	Resp:	9933
Ion	Ratio	Lower	Upper
69	100		
41	76.0	55.7	83.5
39	45.6	31.4	47.0





#57

1,3-Dichloropropane

Concen: 21.597 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

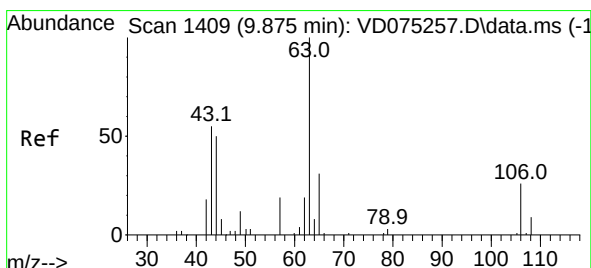
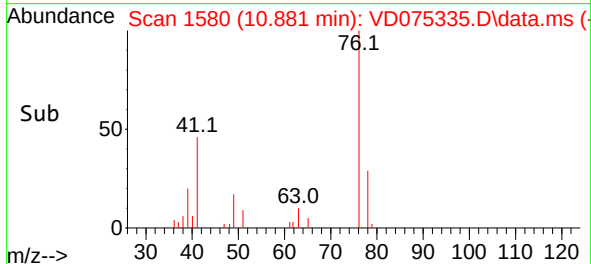
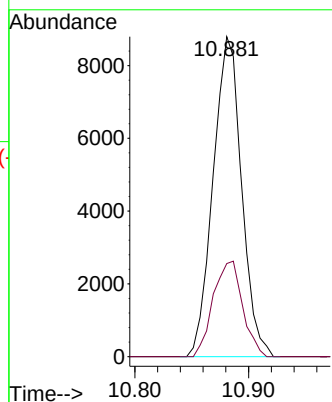
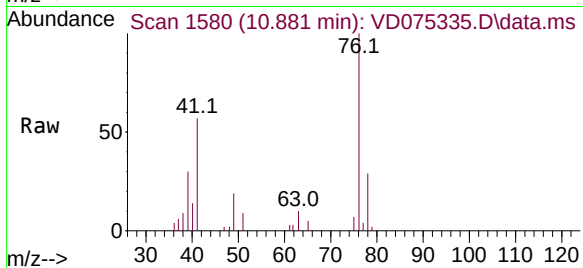
VD0214SBS01

Tgt Ion: 76 Resp: 15314

Ion Ratio Lower Upper

76 100

78 30.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 115.912 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. -0.000 min

Lab File: VD075335.D

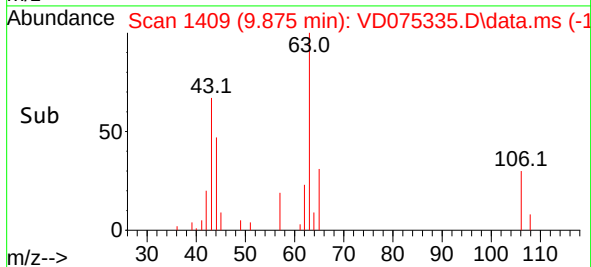
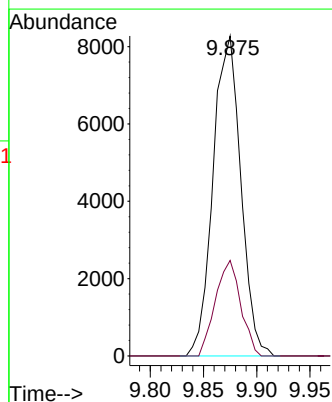
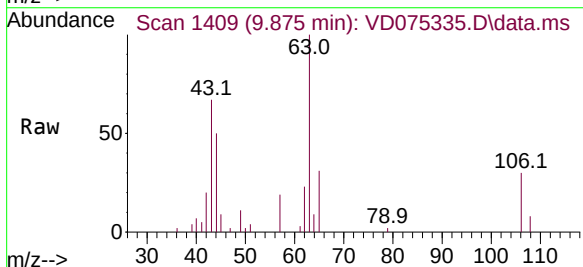
Acq: 14 Feb 2023 11:26

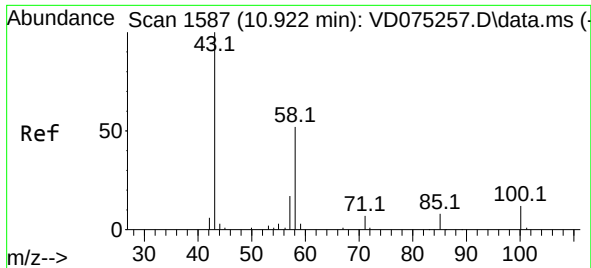
Tgt Ion: 63 Resp: 14977

Ion Ratio Lower Upper

63 100

106 27.2 22.6 33.8

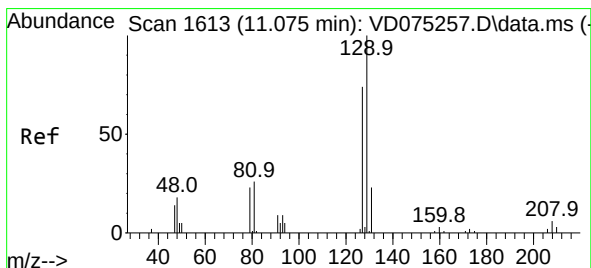
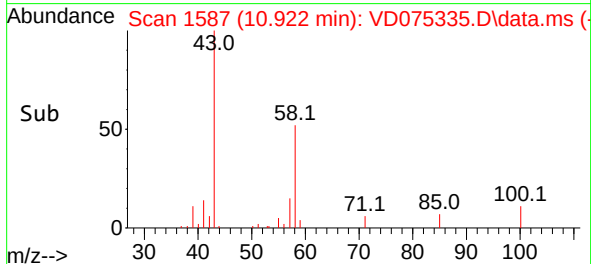
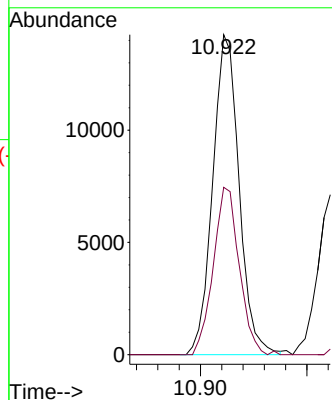
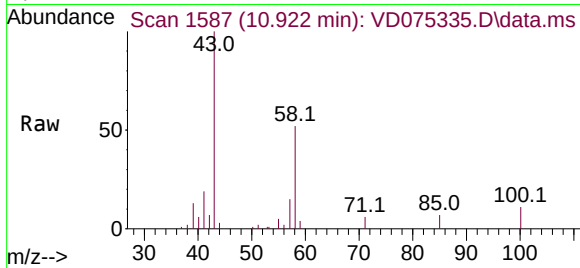




#59
2-Hexanone
Concen: 96.376 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

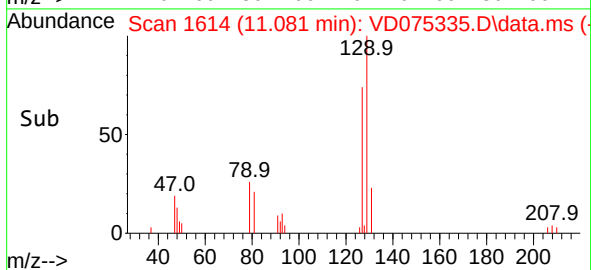
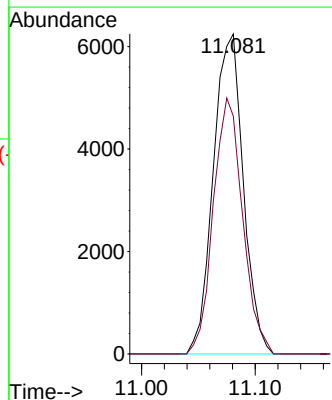
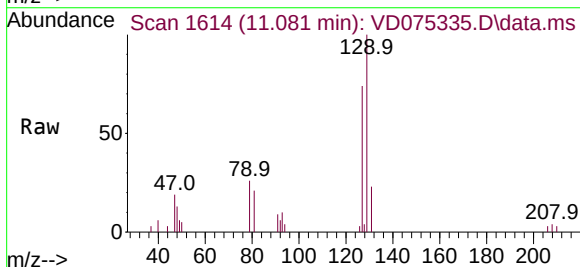
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

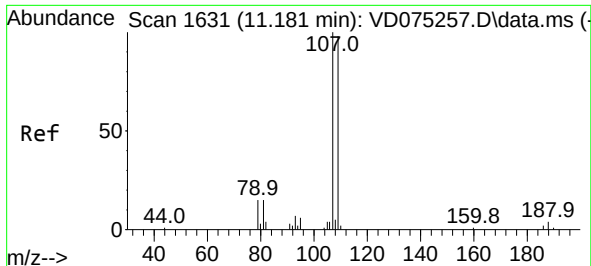
Tgt Ion: 43 Resp: 24454
Ion Ratio Lower Upper
43 100
58 51.5 26.8 80.4



#60
Dibromochloromethane
Concen: 22.214 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 129 Resp: 11456
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

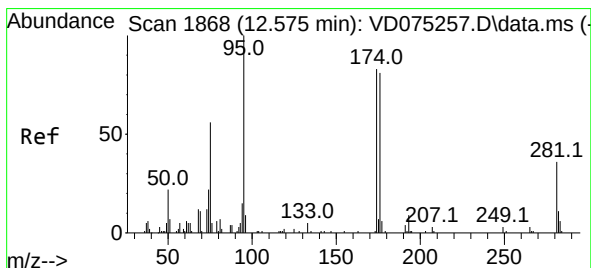
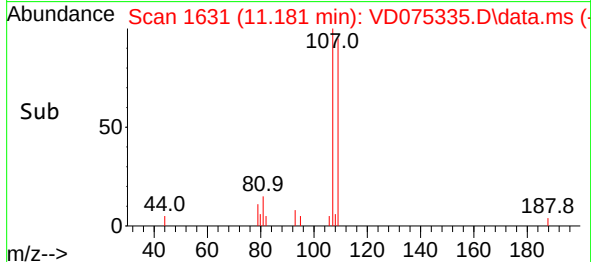
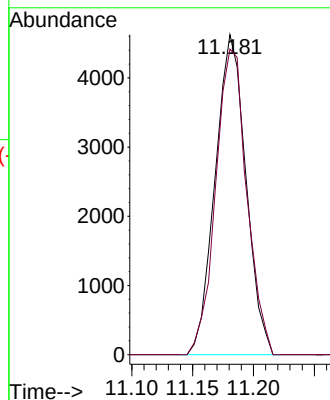
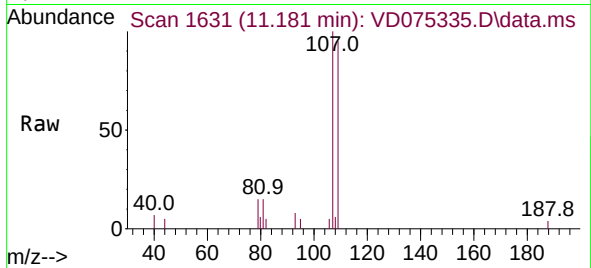




#61
1,2-Dibromoethane
Concen: 20.231 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

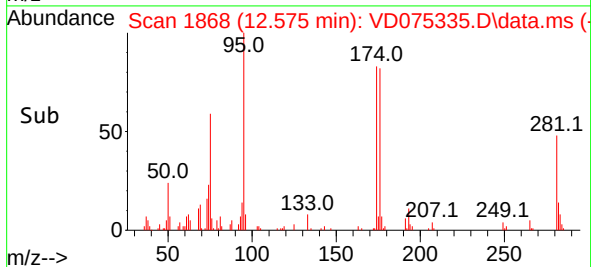
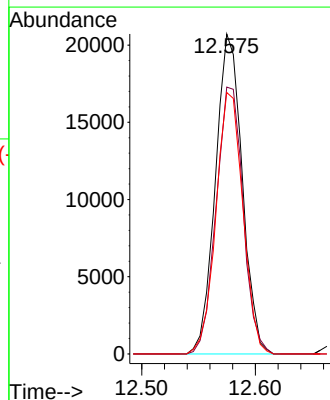
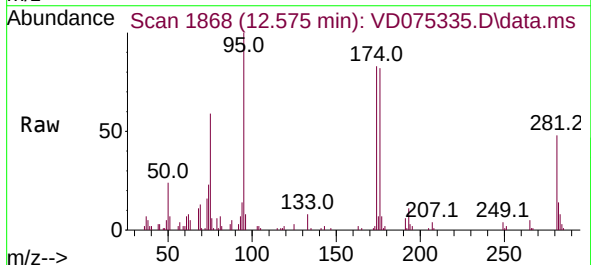
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

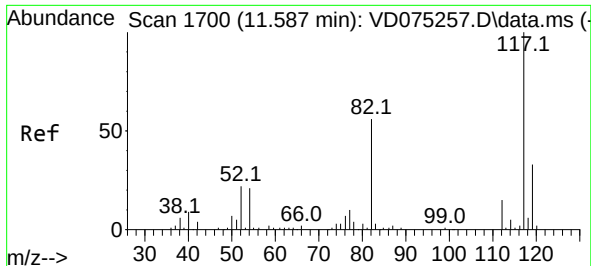
Tgt Ion:107 Resp: 8120
Ion Ratio Lower Upper
107 100
109 96.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.153 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 95 Resp: 33850
Ion Ratio Lower Upper
95 100
174 84.0 0.0 161.2
176 82.2 0.0 160.2

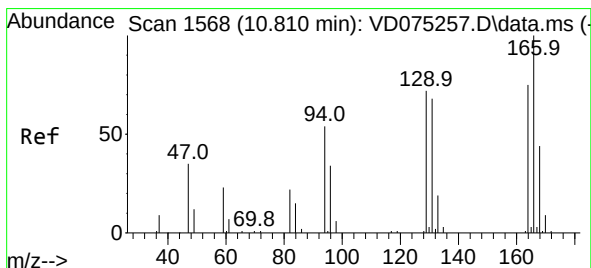
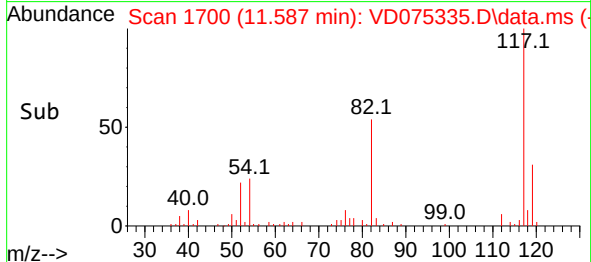
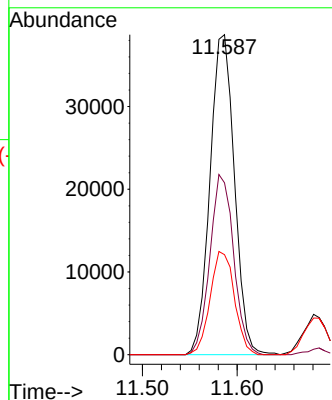
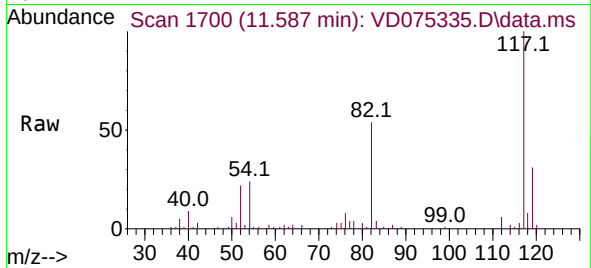




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

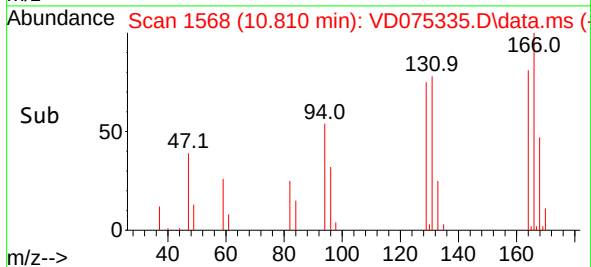
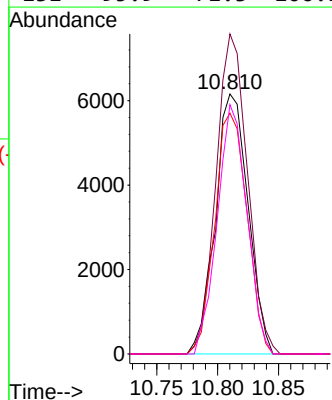
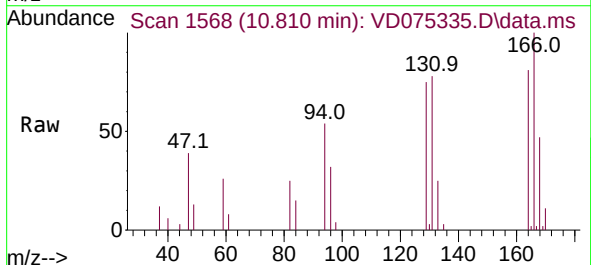
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

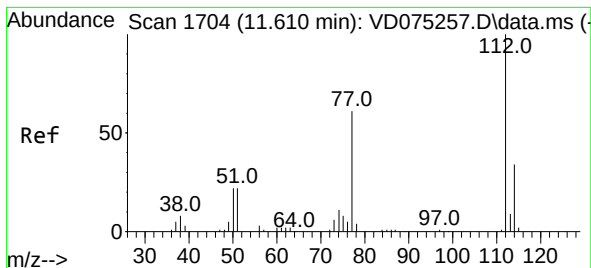
Tgt Ion:117 Resp: 69278
Ion Ratio Lower Upper
117 100
82 53.7 39.6 59.4
119 31.3 24.6 37.0



#64
Tetrachloroethene
Concen: 21.587 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:164 Resp: 11518
Ion Ratio Lower Upper
164 100
166 123.0 105.3 157.9
129 92.6 76.2 114.4
131 95.9 71.3 106.9

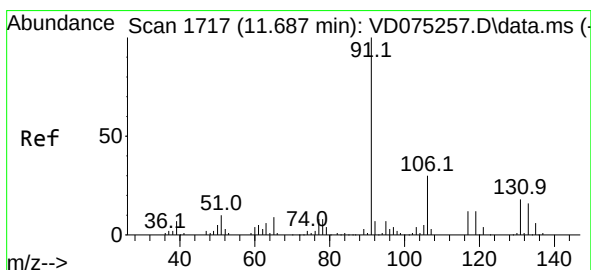
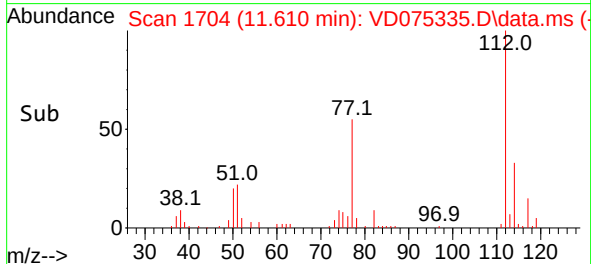
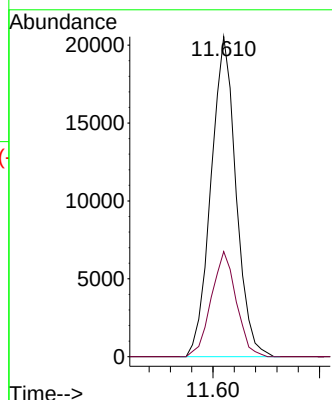
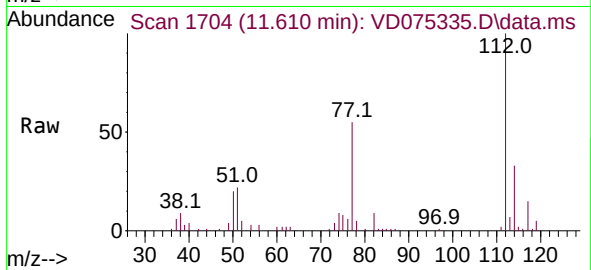




#65
Chlorobenzene
Concen: 21.392 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

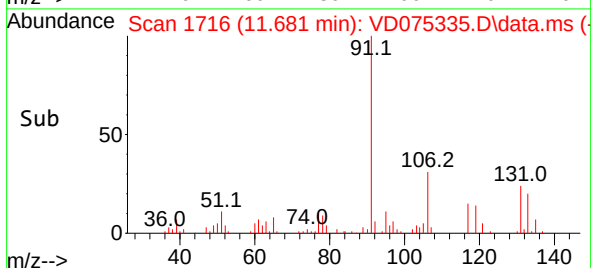
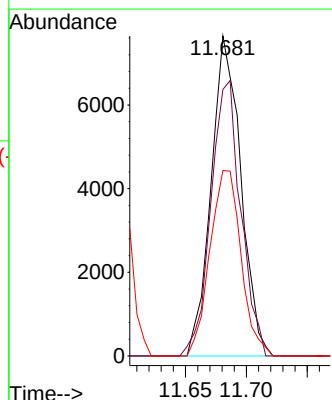
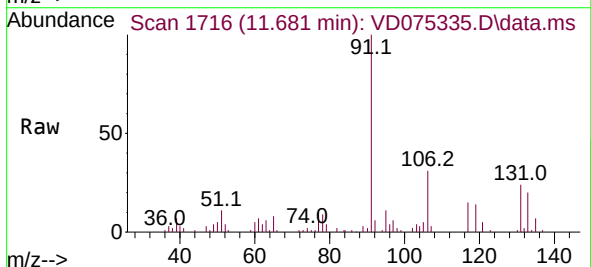
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

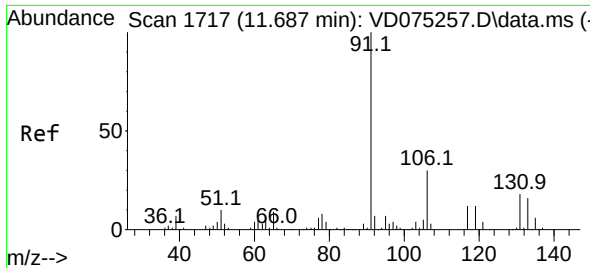
Tgt Ion:112 Resp: 33422
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.814 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:131 Resp: 12977
Ion Ratio Lower Upper
131 100
133 86.7 49.0 147.2
119 60.7 34.8 104.5

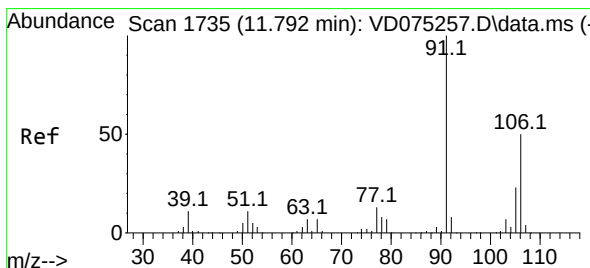
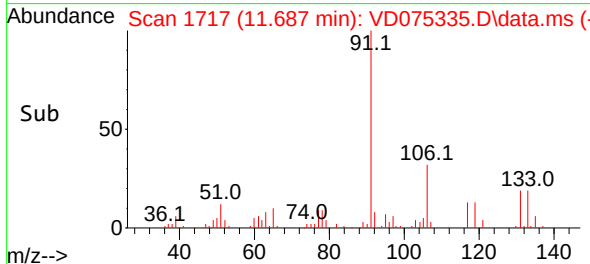
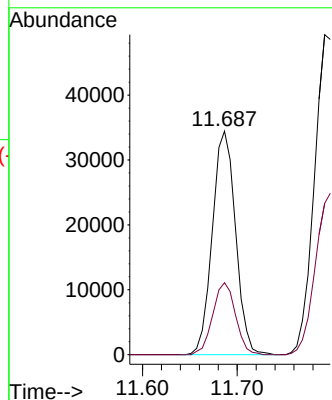
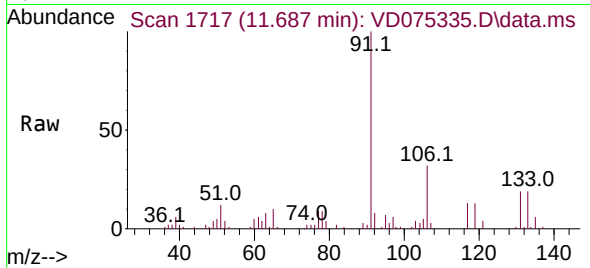




#67
Ethyl Benzene
Concen: 20.320 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

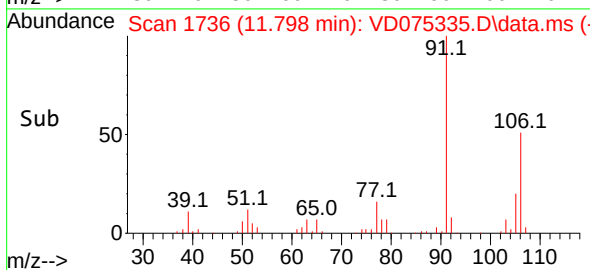
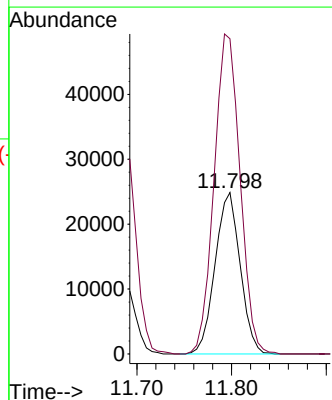
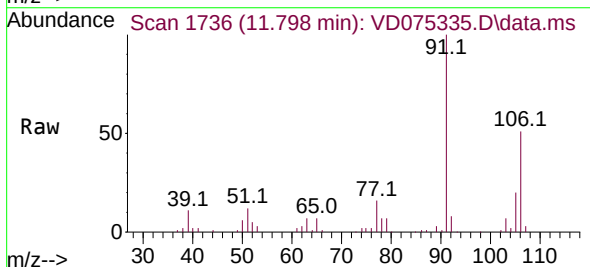
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

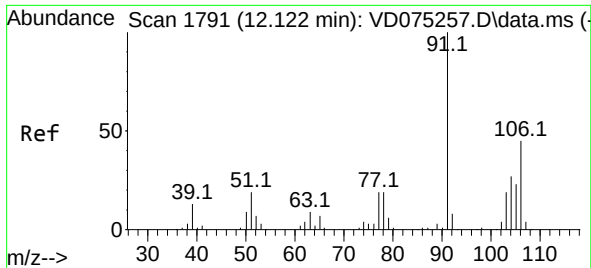
Tgt Ion: 91 Resp: 58610
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 41.720 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:106 Resp: 45774
Ion Ratio Lower Upper
106 100
91 205.1 160.3 240.5

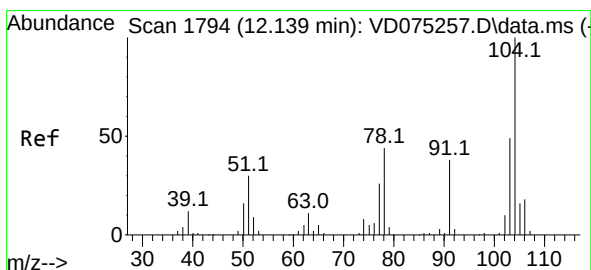
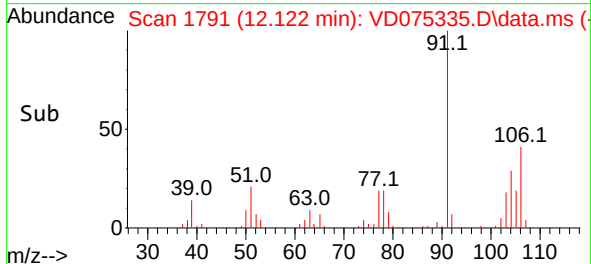
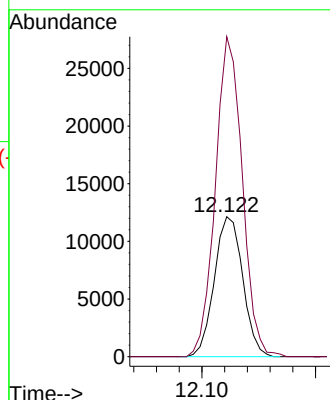
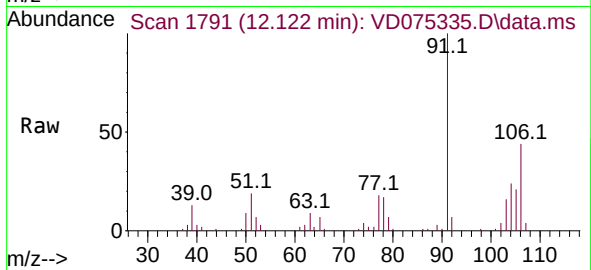




#69
o-Xylene
Concen: 20.569 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

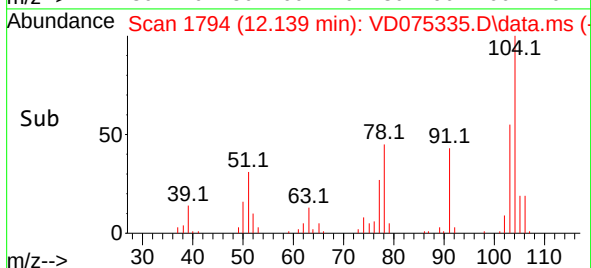
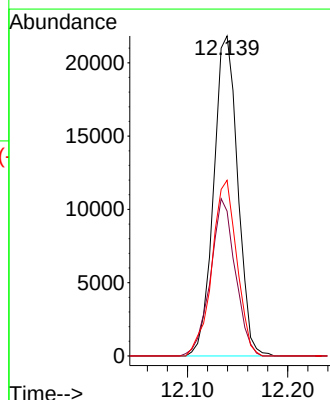
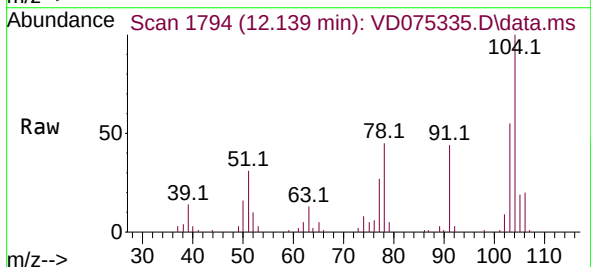
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

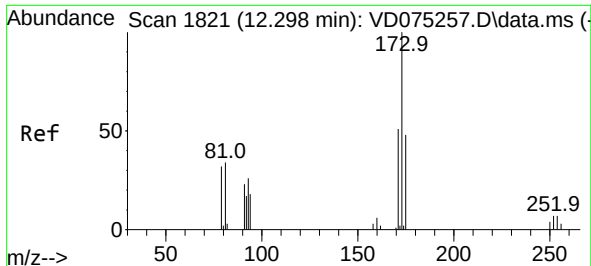
Tgt Ion:106 Resp: 21080
Ion Ratio Lower Upper
106 100
91 216.8 103.6 310.9



#70
Styrene
Concen: 20.926 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:104 Resp: 36328
Ion Ratio Lower Upper
104 100
78 50.7 38.9 58.3
103 56.8 43.6 65.4

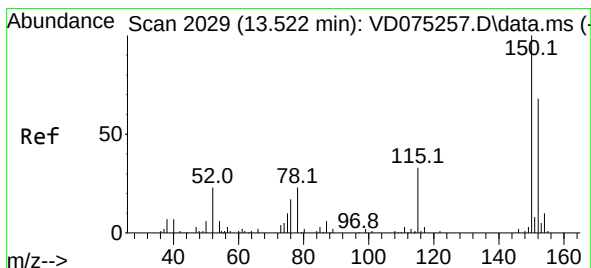
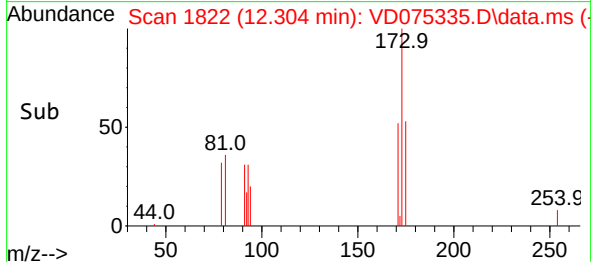
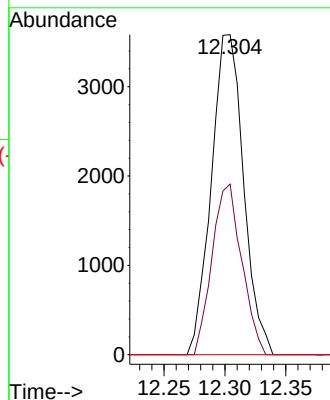
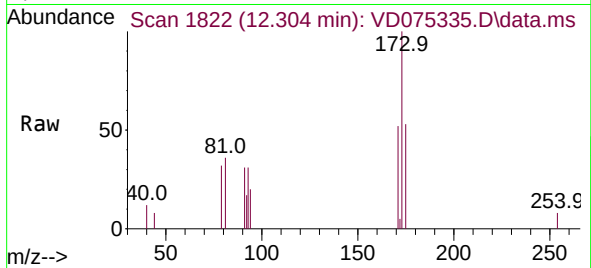




#71
Bromoform
Concen: 21.628 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

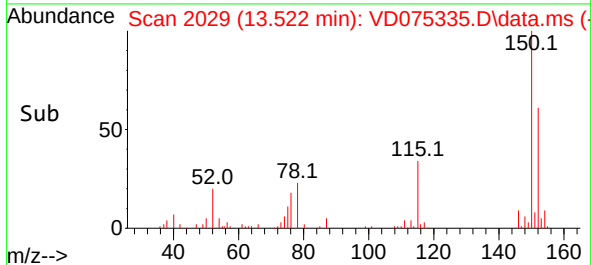
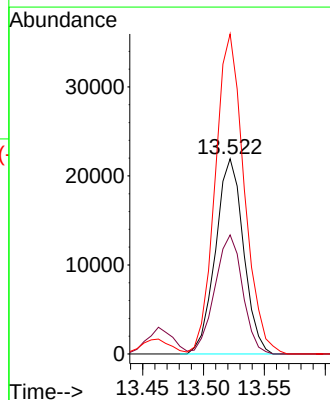
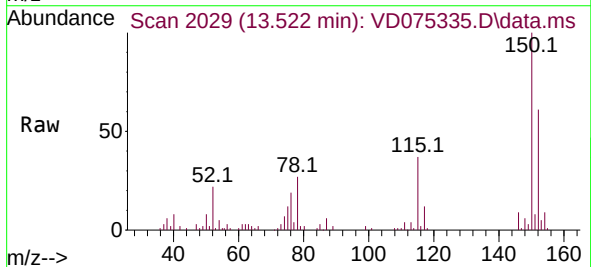
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

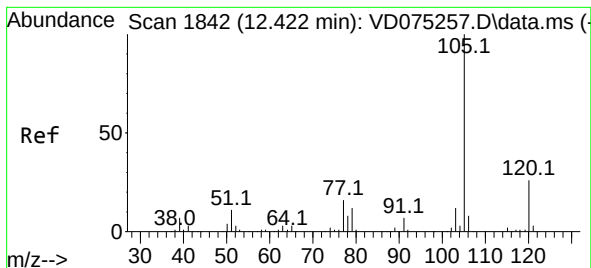
Tgt Ion:173 Resp: 6608
Ion Ratio Lower Upper
173 100
175 48.9 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:152 Resp: 35060
Ion Ratio Lower Upper
152 100
115 60.6 28.8 86.4
150 169.6 0.0 348.6





#73

Isopropylbenzene

Concen: 20.189 ug/l

RT: 12.428 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

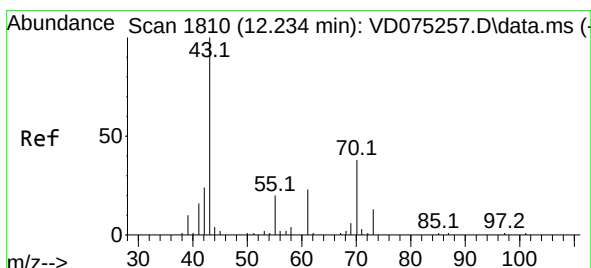
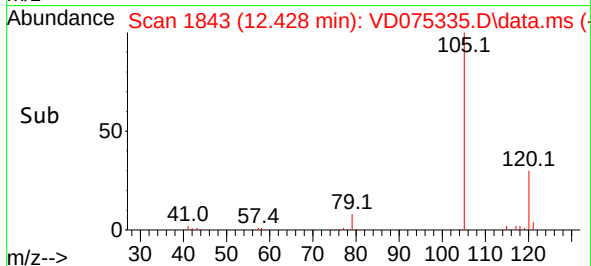
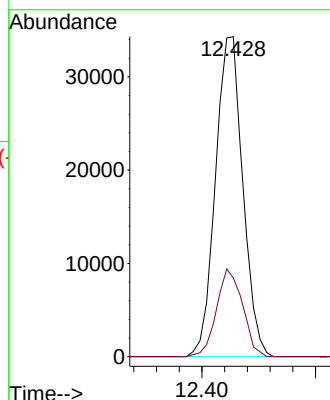
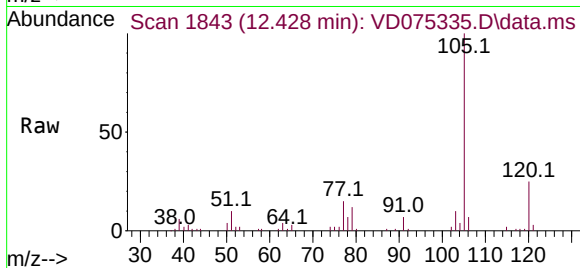
VD0214SBS01

Tgt Ion:105 Resp: 57341

Ion Ratio Lower Upper

105 100

120 26.1 13.7 41.1



#74

N-ethyl acetate

Concen: 18.722 ug/l

RT: 12.239 min Scan# 1811

Delta R.T. 0.005 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Tgt Ion: 43 Resp: 11949

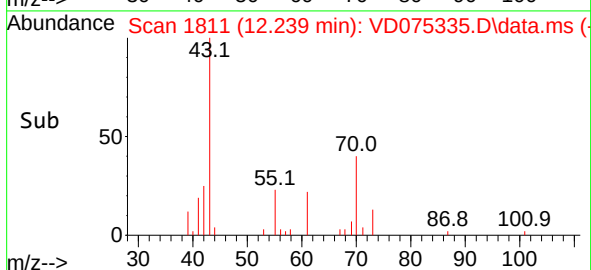
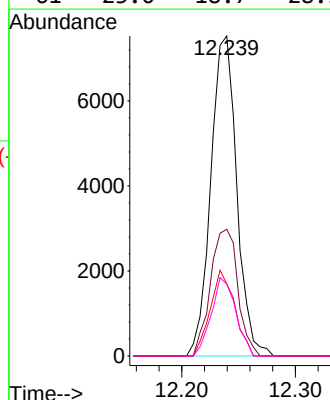
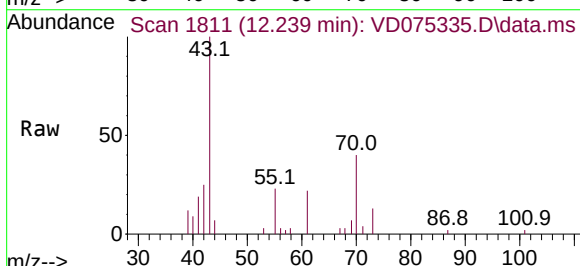
Ion Ratio Lower Upper

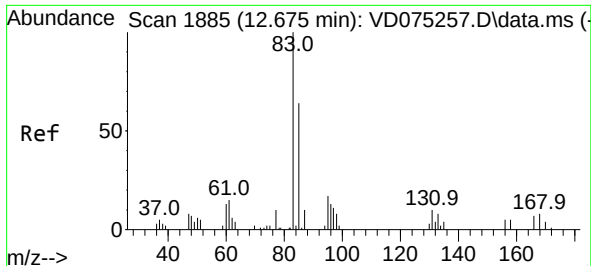
43 100

70 41.7 32.6 49.0

55 25.2 17.8 26.8

61 23.0 18.7 28.1

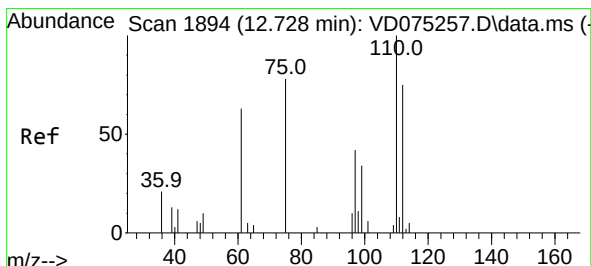
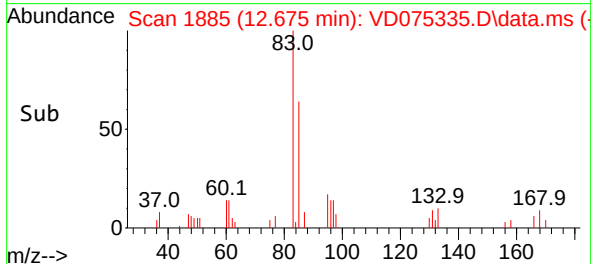
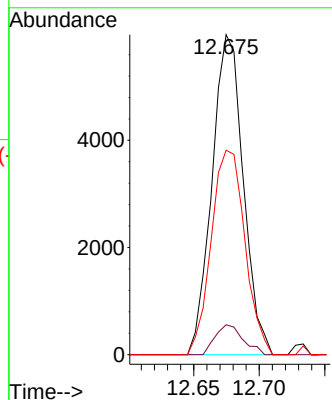
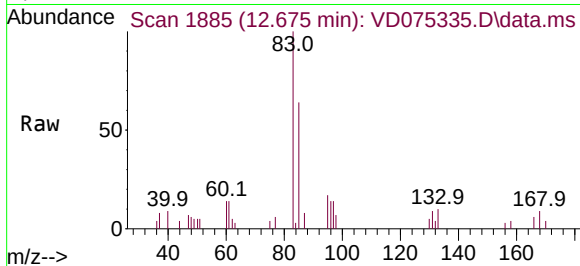




#75
1,1,2,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

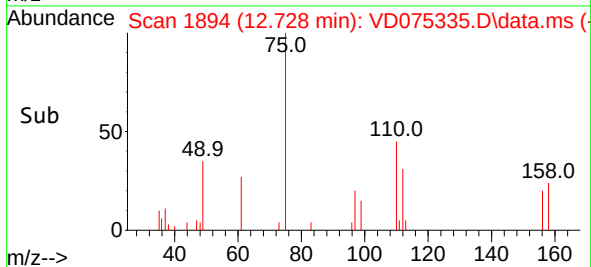
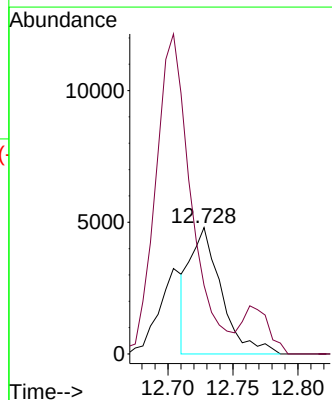
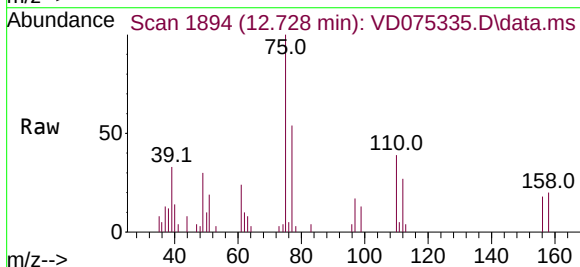
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

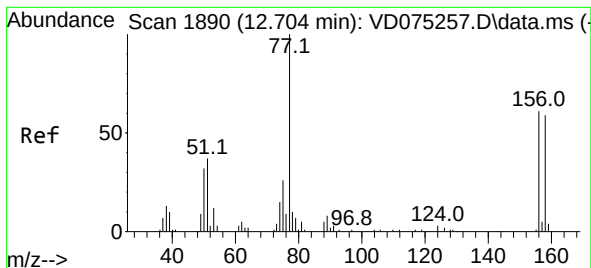
Tgt Ion: 83 Resp: 9901
Ion Ratio Lower Upper
83 100
131 8.3 4.9 14.6
85 68.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 20.403 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 75 Resp: 8125
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.410 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

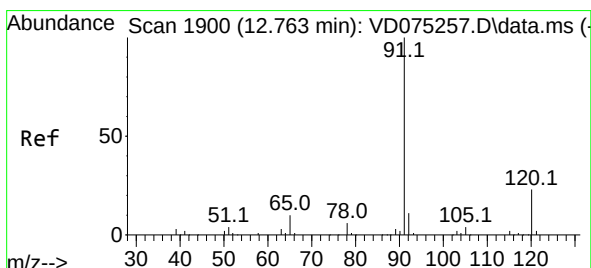
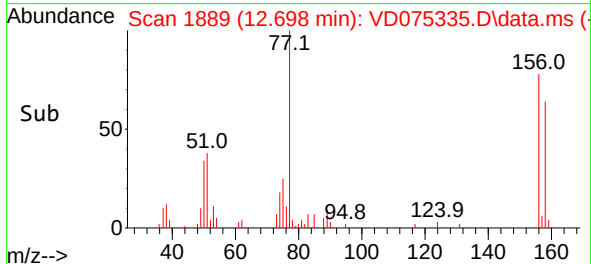
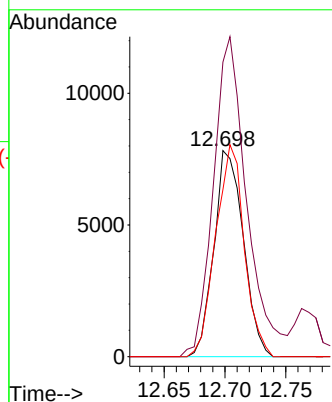
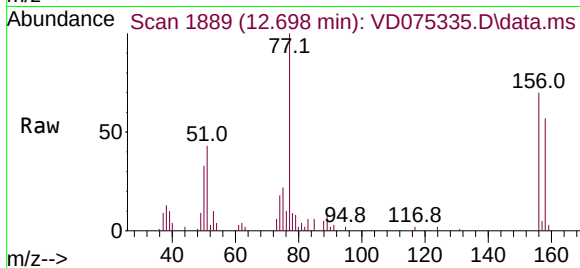
Tgt Ion:156 Resp: 13127

Ion Ratio Lower Upper

156 100

77 176.4 85.6 256.8

158 100.1 47.3 141.9



#78

n-propylbenzene

Concen: 20.546 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075335.D

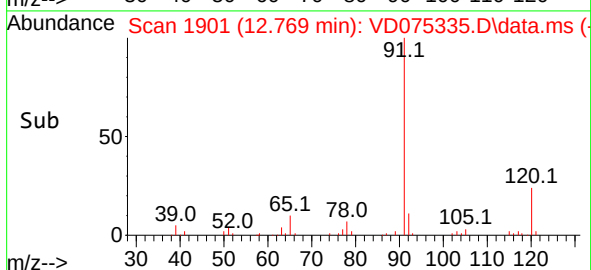
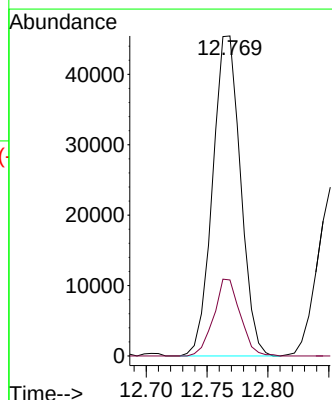
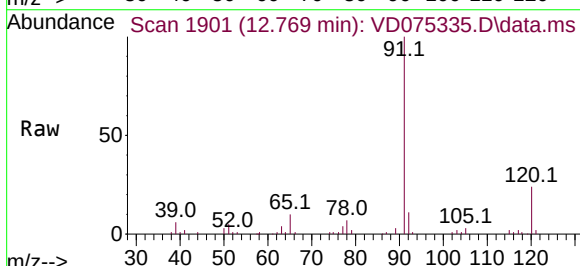
Acq: 14 Feb 2023 11:26

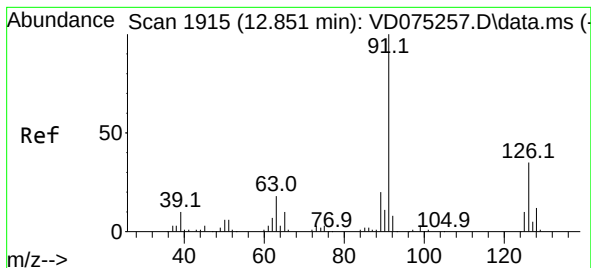
Tgt Ion: 91 Resp: 72611

Ion Ratio Lower Upper

91 100

120 22.7 11.7 35.0





#79

2-Chlorotoluene

Concen: 20.609 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

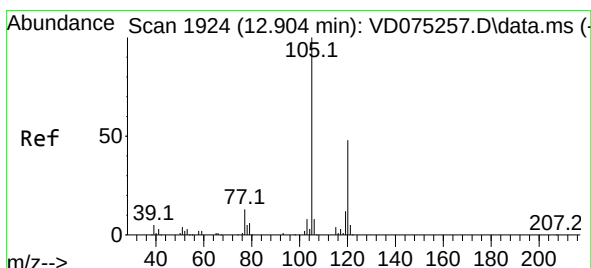
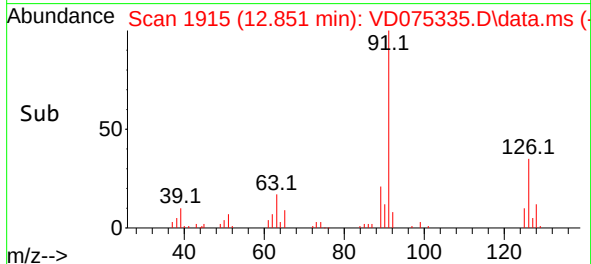
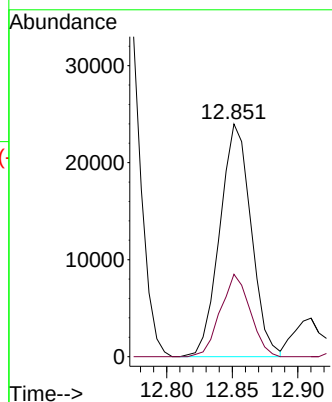
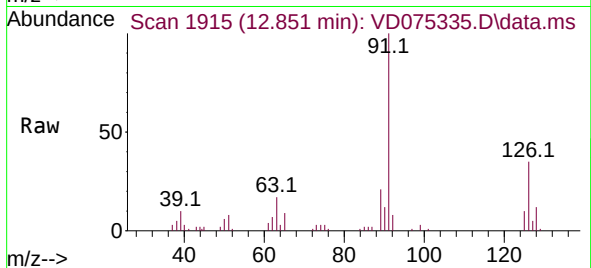
VD0214SBS01

Tgt Ion: 91 Resp: 39951

Ion Ratio Lower Upper

91 100

126 33.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.478 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD075335.D

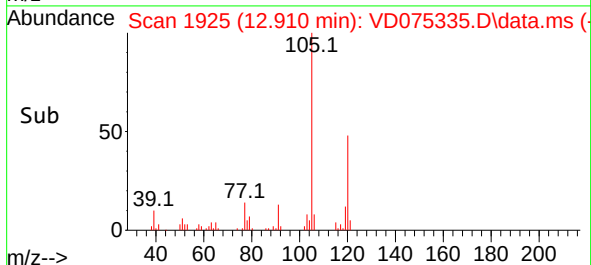
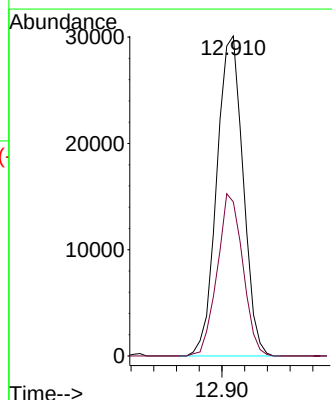
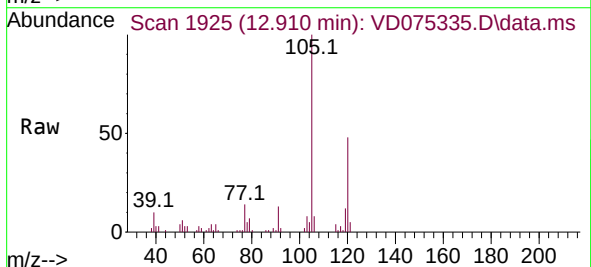
Acq: 14 Feb 2023 11:26

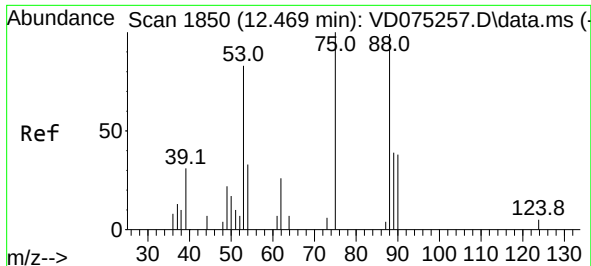
Tgt Ion: 105 Resp: 48429

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8

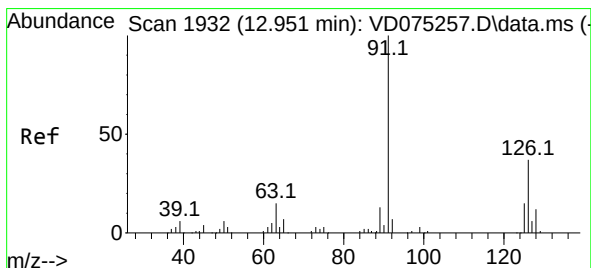
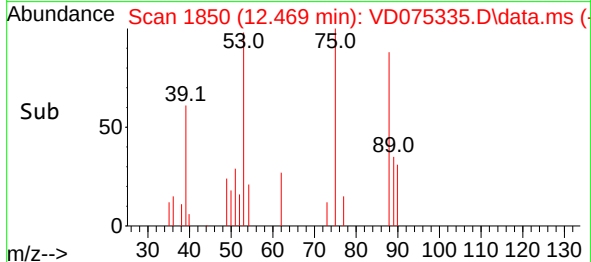
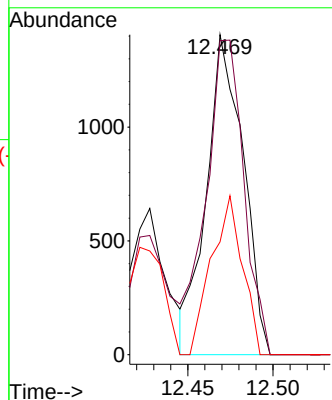
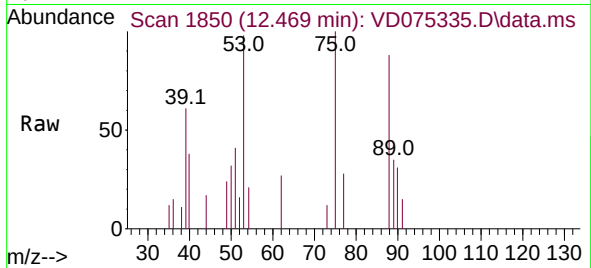




#81
trans-1,4-Dichloro-2-butene
Concen: 18.619 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

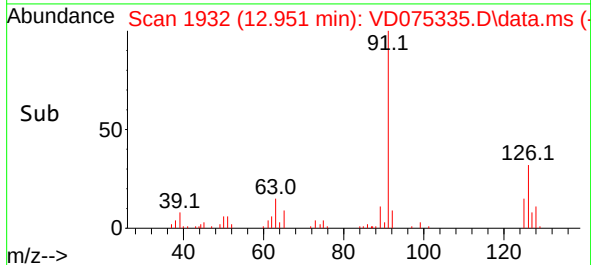
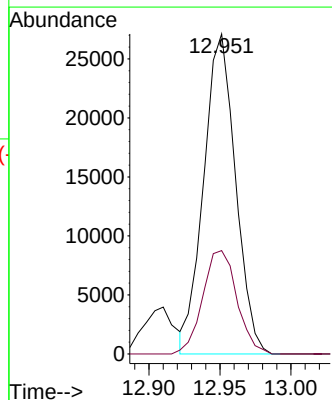
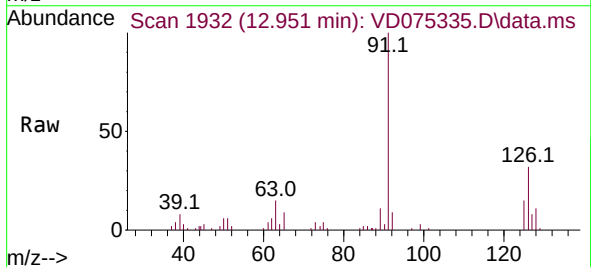
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

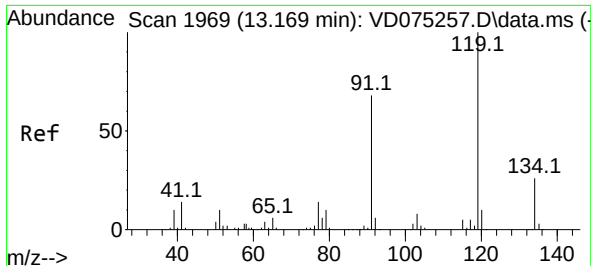
Tgt Ion: 75 Resp: 2116
Ion Ratio Lower Upper
75 100
53 100.6 70.5 105.7
89 42.0 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.918 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 91 Resp: 42301
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0

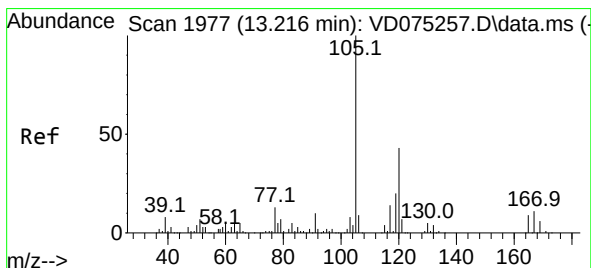
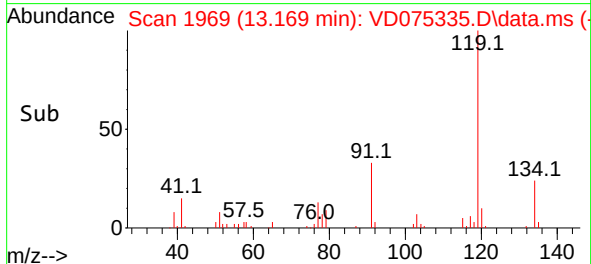
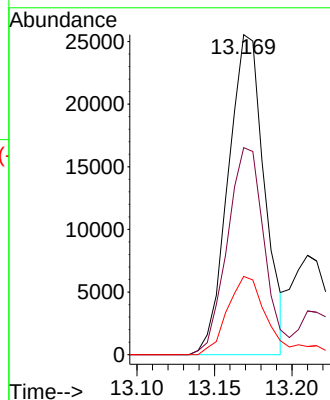
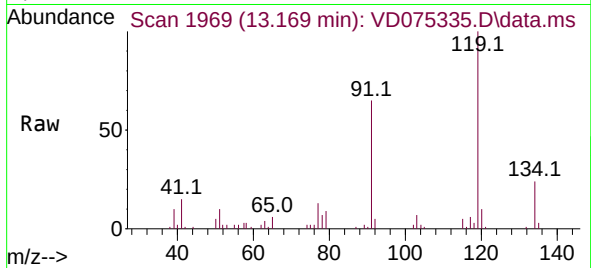




#83
tert-Butylbenzene
Concen: 20.397 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

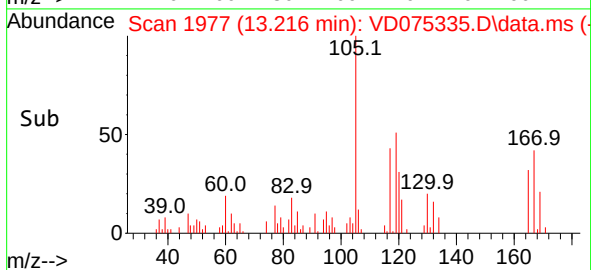
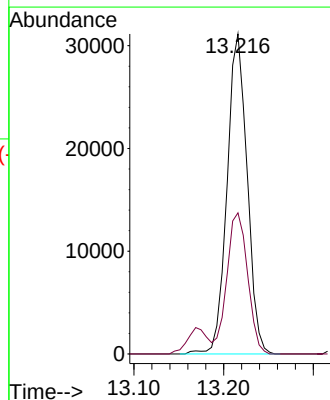
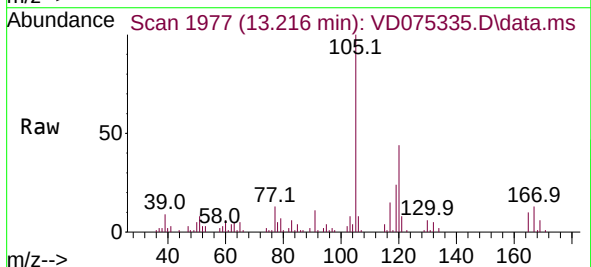
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

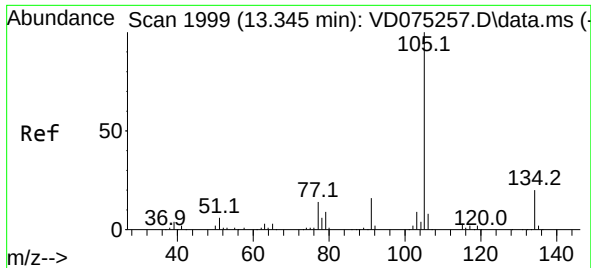
Tgt Ion:119 Resp: 41585
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 27.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.482 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:105 Resp: 48380
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.5

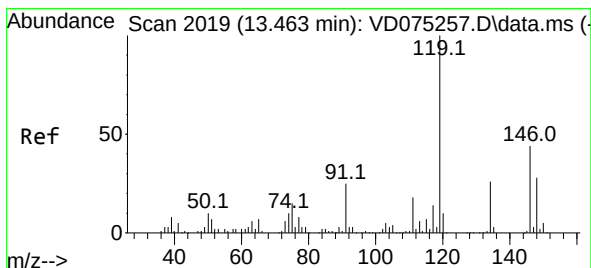
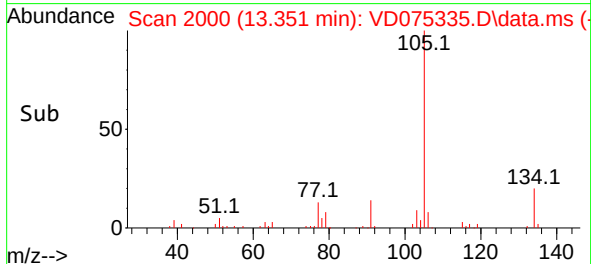
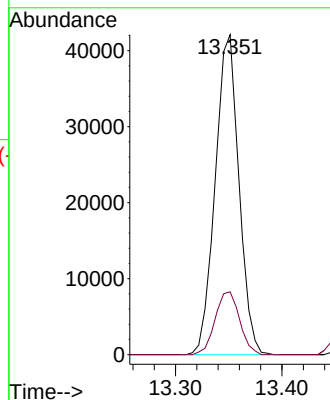
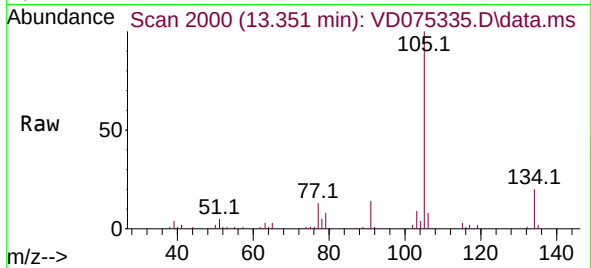




#85
 sec-Butylbenzene
 Concen: 20.773 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

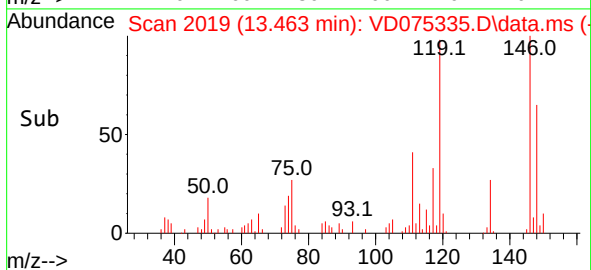
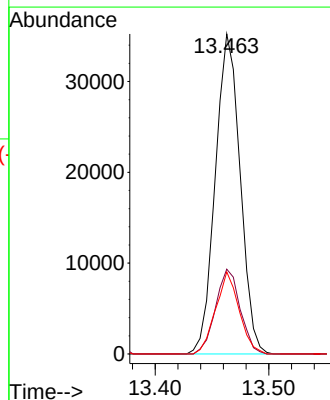
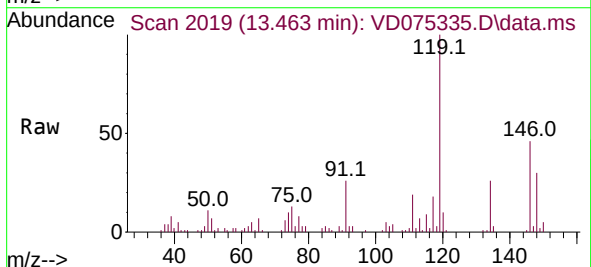
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

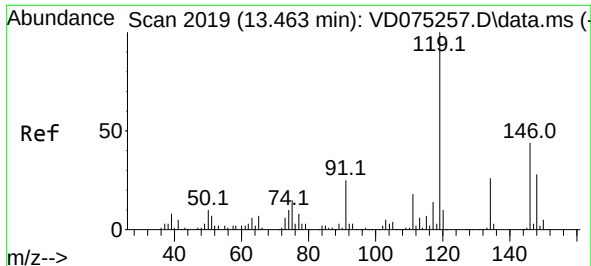
Tgt Ion:105 Resp: 64971
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.938 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

Tgt Ion:119 Resp: 53571
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 24.3 11.9 35.5

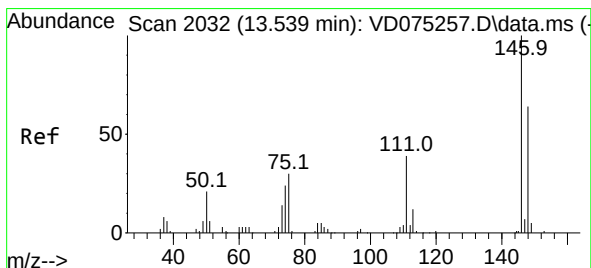
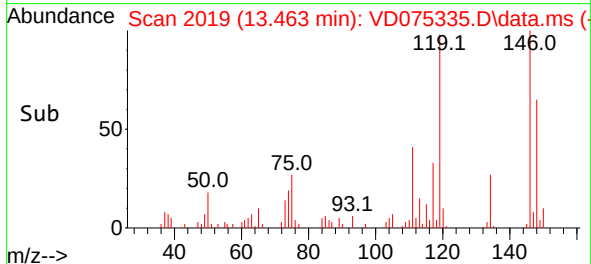
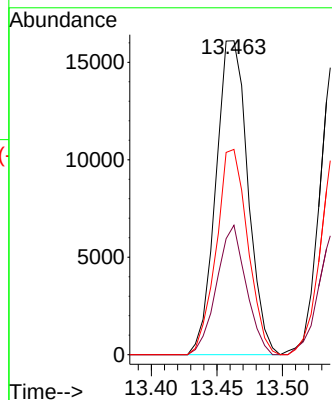
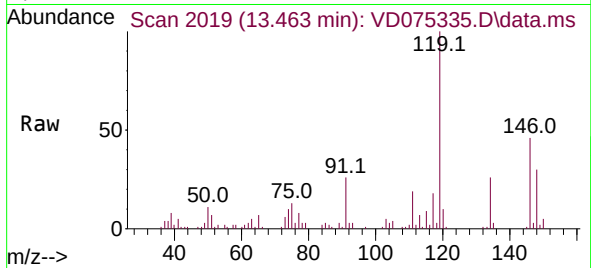




#87
 1,3-Dichlorobenzene
 Concen: 21.038 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

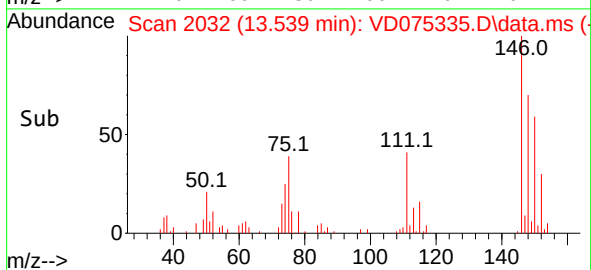
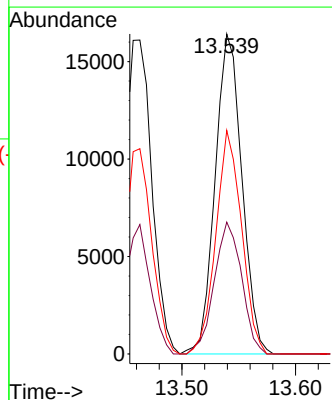
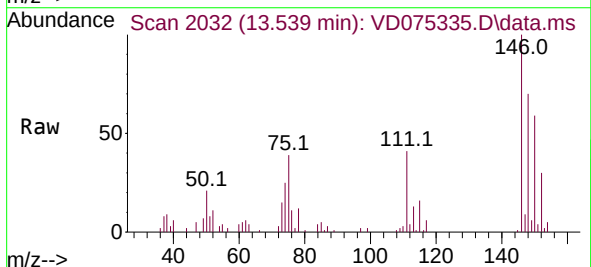
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBS01

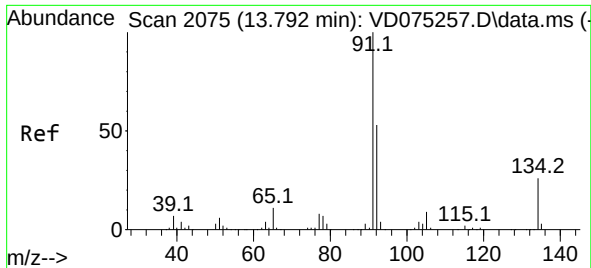
Tgt Ion:146 Resp: 27348
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.3 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 20.676 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD075335.D
 Acq: 14 Feb 2023 11:26

Tgt Ion:146 Resp: 26895
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.7 59.1
 148 67.3 31.9 95.5

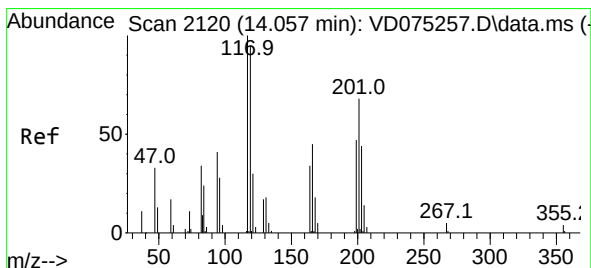
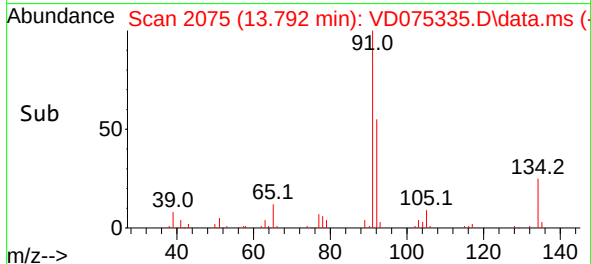
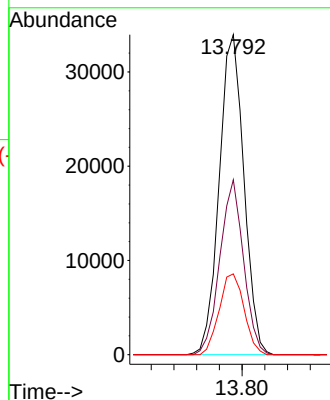
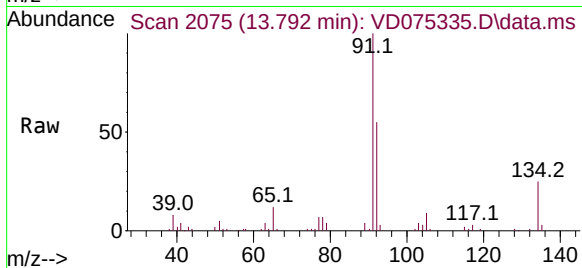




#89
n-Butylbenzene
Concen: 20.512 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

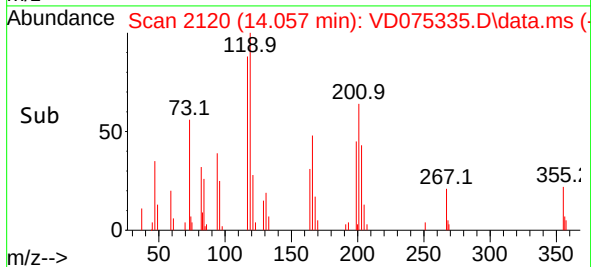
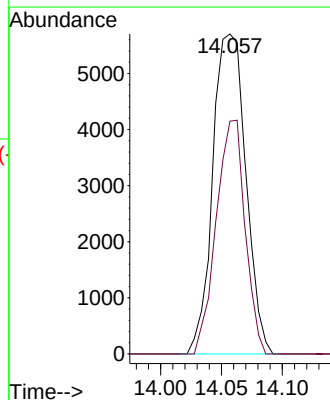
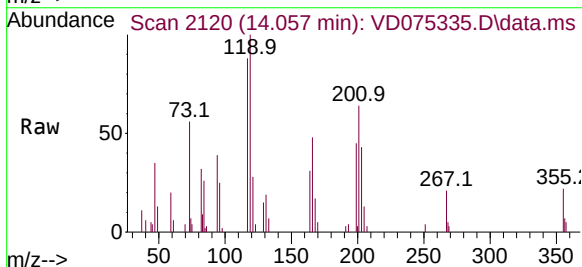
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

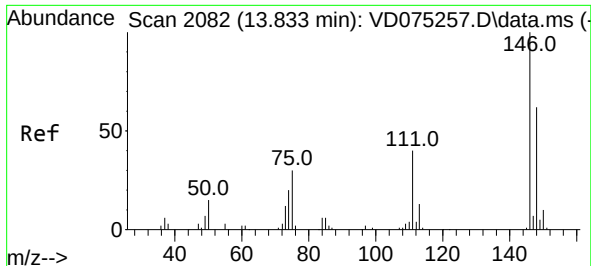
Tgt Ion: 91	Resp: 51235
Ion Ratio	Lower Upper
91	100
92	52.4 26.8 80.3
134	25.4 13.3 39.8



#90
Hexachloroethane
Concen: 21.379 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 117	Resp: 10784
Ion Ratio	Lower Upper
117	100
201	63.7 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 21.829 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.001 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBS01

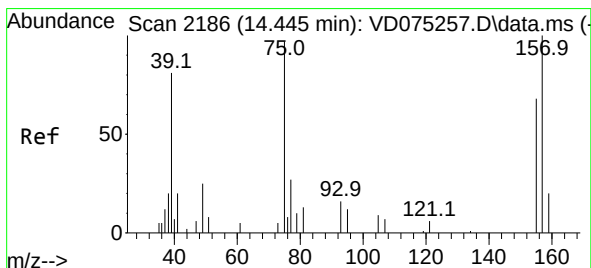
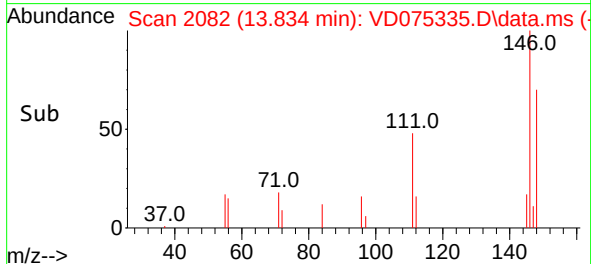
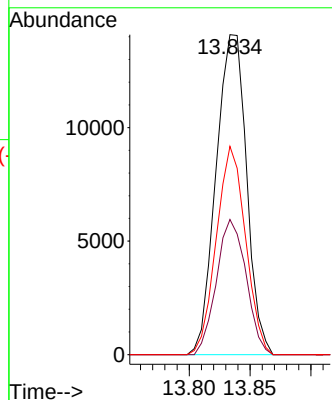
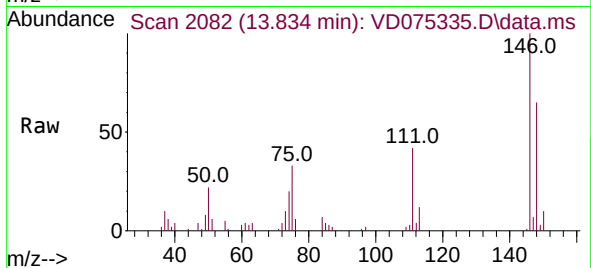
Tgt Ion:146 Resp: 24621

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.2

148 62.2 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.393 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075335.D

Acq: 14 Feb 2023 11:26

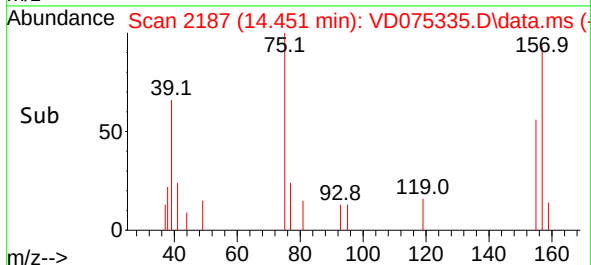
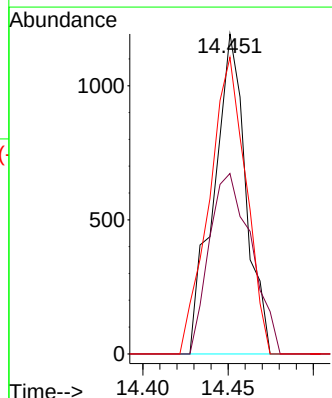
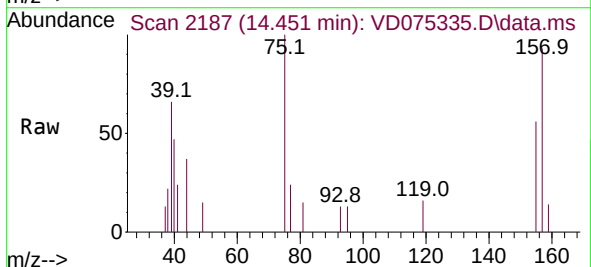
Tgt Ion: 75 Resp: 1563

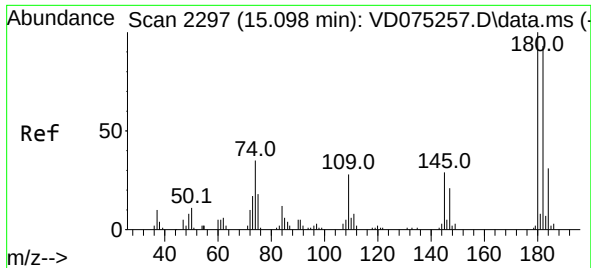
Ion Ratio Lower Upper

75 100

155 74.2 43.4 130.2

157 106.2 56.4 169.2

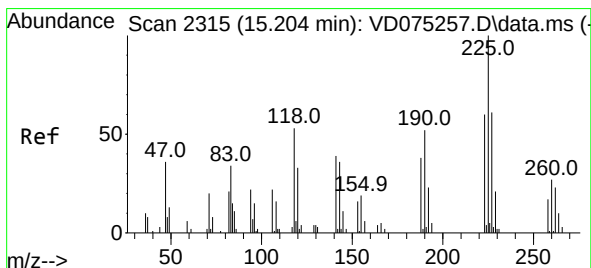
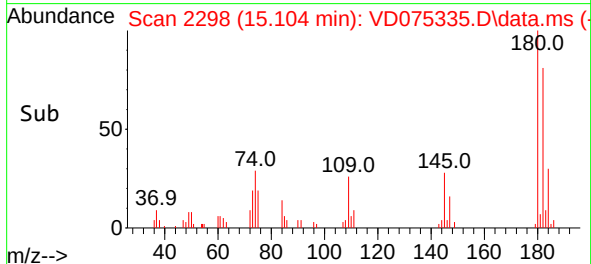
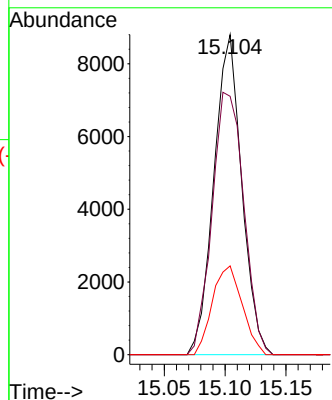
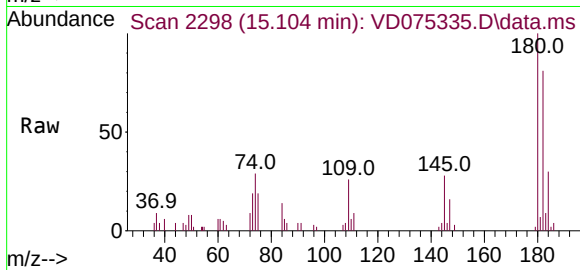




#93
1,2,4-Trichlorobenzene
Concen: 19.811 ug/l
RT: 15.104 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

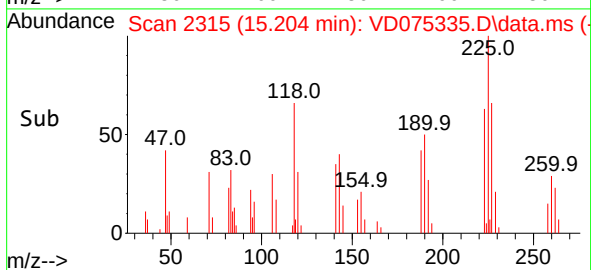
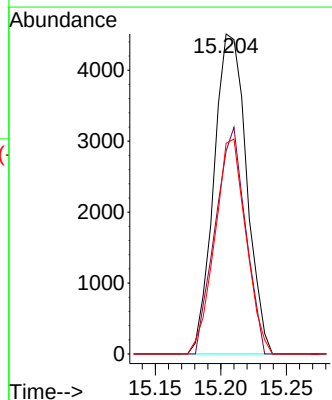
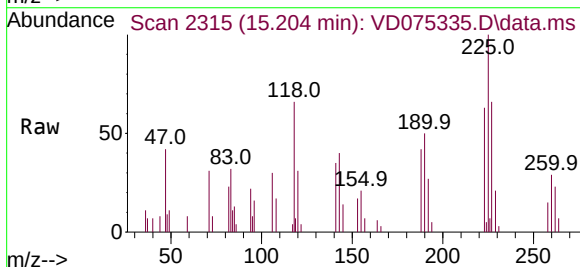
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

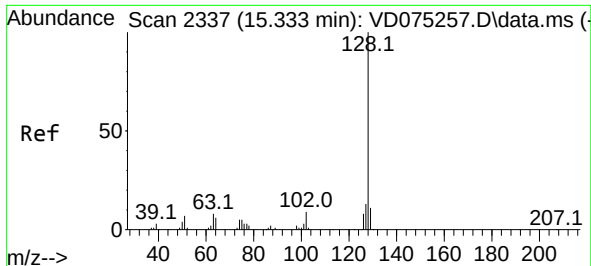
Tgt Ion:180 Resp: 13995
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 29.8 15.8 47.4



#94
Hexachlorobutadiene
Concen: 20.955 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:225 Resp: 7810
Ion Ratio Lower Upper
225 100
223 65.4 31.8 95.4
227 64.2 30.7 92.1

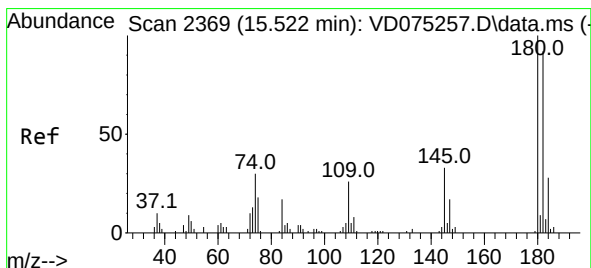
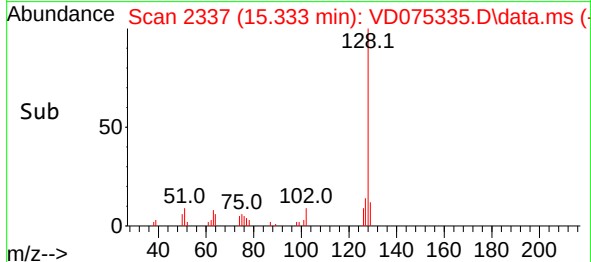
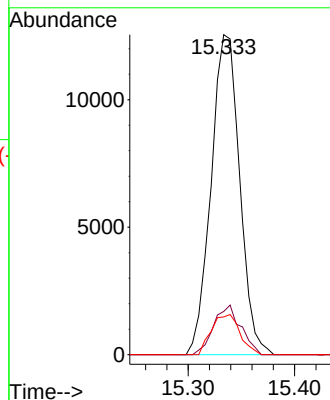
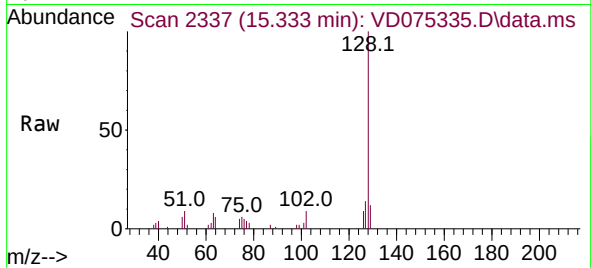




#95
Naphthalene
Concen: 17.788 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBS01

Tgt Ion:	128	Resp:	23388
Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.6	15.8
129	12.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.192 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075335.D
Acq: 14 Feb 2023 11:26

Tgt Ion:	180	Resp:	12307
Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.0	141.0
145	33.8	16.1	48.3

