

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076167.D
 Acq On : 19 May 2023 20:39
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.01ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 01:32:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	183075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	316740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90729	51.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.560%	
35) Dibromofluoromethane	7.804	113	103811	47.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.840%	
50) Toluene-d8	10.269	98	407305	47.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	12.575	95	116902	49.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	73414	44.463	ug/l	95
3) Chloromethane	2.146	50	153876	57.403	ug/l	99
4) Vinyl Chloride	2.281	62	188499	52.935	ug/l	99
5) Bromomethane	2.681	94	113391	47.298	ug/l	97
6) Chloroethane	2.828	64	124232	51.857	ug/l	99
7) Trichlorofluoromethane	3.169	101	140671	46.607	ug/l	99
8) Diethyl Ether	3.593	74	49563	49.934	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.963	101	95195	47.882	ug/l	91
10) Methyl Iodide	4.158	142	109296	52.873	ug/l	91
11) Tert butyl alcohol	5.069	59	27111	289.658	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	92331	46.663	ug/l	93
13) Acrolein	3.793	56	48406	211.315	ug/l	99
14) Allyl chloride	4.552	41	100537	50.065	ug/l #	80
15) Acrylonitrile	5.257	53	114714	279.128	ug/l	97
16) Acetone	4.022	43	76945	218.570	ug/l #	75
17) Carbon Disulfide	4.263	76	263373	49.130	ug/l	97
18) Methyl Acetate	4.563	43	67296	53.589	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	209011	53.969	ug/l	99
20) Methylene Chloride	4.799	84	134729	47.970	ug/l #	79
21) trans-1,2-Dichloroethene	5.310	96	109762	48.132	ug/l #	82
22) Diisopropyl ether	6.216	45	256258	54.977	ug/l #	90
23) Vinyl Acetate	6.157	43	612101	333.984	ug/l #	94
24) 1,1-Dichloroethane	6.110	63	185639	50.500	ug/l	98
25) 2-Butanone	7.087	43	120337	271.861	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	144426	48.183	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	130902	51.728	ug/l	84
28) Bromochloromethane	7.428	49	66549	54.294	ug/l #	68
29) Tetrahydrofuran	7.446	42	73862	286.288	ug/l #	67
30) Chloroform	7.593	83	197780	50.312	ug/l	97
31) Cyclohexane	7.881	56	126438	46.659	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	150337	47.988	ug/l	97
36) 1,1-Dichloropropene	8.010	75	137872	46.628	ug/l	94
37) Ethyl Acetate	7.169	43	53444	52.197	ug/l #	83
38) Carbon Tetrachloride	7.993	117	120667	45.180	ug/l	97
39) Methylcyclohexane	9.275	83	156018	45.830	ug/l	98
40) Benzene	8.251	78	448894	47.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23458	41.783	ug/l #	58
42) 1,2-Dichloroethane	8.328	62	109239	48.583	ug/l	91
43) Isopropyl Acetate	8.363	43	96051	50.218	ug/l #	81
44) Trichloroethene	9.028	130	117217	43.752	ug/l	88
45) 1,2-Dichloropropane	9.304	63	112868	48.135	ug/l	96
46) Dibromomethane	9.393	93	63893	48.612	ug/l	96
47) Bromodichloromethane	9.587	83	152540	48.290	ug/l	97
48) Methyl methacrylate	9.381	41	46056	54.406	ug/l #	64
49) 1,4-Dioxane	9.381	88	15785	1123.086	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	268545	263.991	ug/l #	82
52) Toluene	10.334	92	290008	48.845	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	139442	48.979	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	171231	49.284	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	92187	48.911	ug/l	95
56) Ethyl methacrylate	10.598	69	103071	54.406	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	148740	50.301	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	237698	261.498	ug/l	92
59) 2-Hexanone	10.922	43	185865	259.084	ug/l	76
60) Dibromochloromethane	11.075	129	105503	49.782	ug/l	98
61) 1,2-Dibromoethane	11.181	107	84916	50.647	ug/l	99
64) Tetrachloroethene	10.810	164	96327	41.573	ug/l	98
65) Chlorobenzene	11.604	112	311648	45.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	108993	46.170	ug/l	95
67) Ethyl Benzene	11.687	91	524813	47.879	ug/l	95
68) m/p-Xylenes	11.792	106	438310	97.839	ug/l	91
69) o-Xylene	12.122	106	200663	49.089	ug/l	92
70) Styrene	12.134	104	361746	51.042	ug/l	94
71) Bromoform	12.298	173	60968	45.914	ug/l #	95
73) Isopropylbenzene	12.422	105	499630	47.127	ug/l	97
74) N-amyl acetate	12.234	43	88880	47.067	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	109307	47.972	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	124974	89.112	ug/l #	100
77) Bromobenzene	12.698	156	122917	43.257	ug/l	95
78) n-propylbenzene	12.763	91	626692	47.491	ug/l	97
79) 2-Chlorotoluene	12.851	91	342639	46.915	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	422510	48.074	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	33330	49.856	ug/l #	71
82) 4-Chlorotoluene	12.945	91	357997	46.084	ug/l	93
83) tert-Butylbenzene	13.169	119	350032	47.127	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	425491	48.613	ug/l	95
85) sec-Butylbenzene	13.345	105	546879	47.245	ug/l	97
86) p-Isopropyltoluene	13.463	119	453076	47.835	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	265445	46.202	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	256401	45.071	ug/l	98
89) n-Butylbenzene	13.786	91	417562	46.781	ug/l	98
90) Hexachloroethane	14.051	117	87729	45.030	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	231899	45.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14253	48.176	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	122964	41.928	ug/l	97
94) Hexachlorobutadiene	15.204	225	57412	38.394	ug/l	97
95) Naphthalene	15.328	128	263531	48.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	110373	41.381	ug/l	99

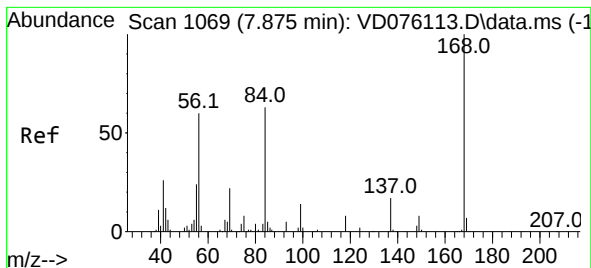
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Response via : Initial Calibration

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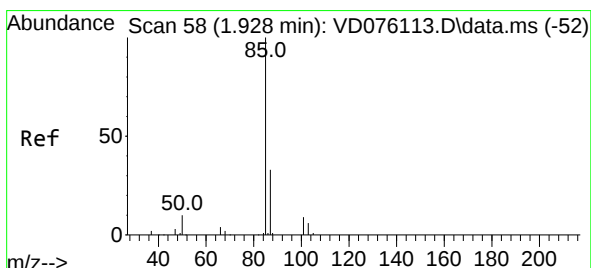
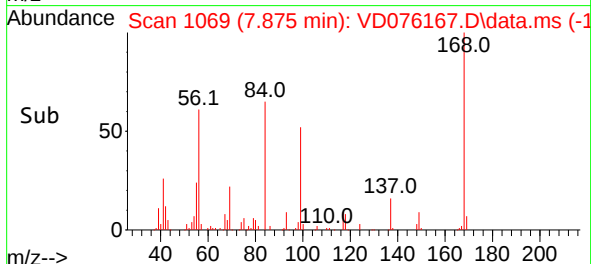
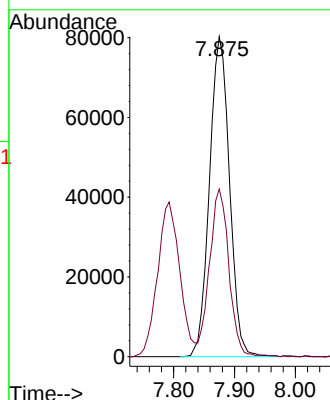
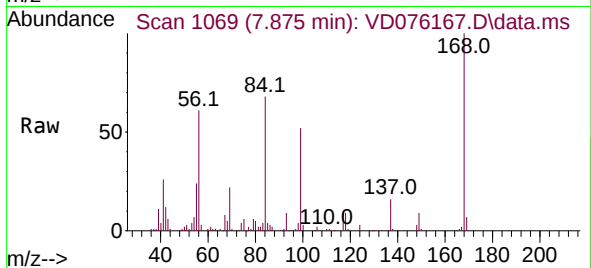
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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Acq: 19 May 2023 20:39

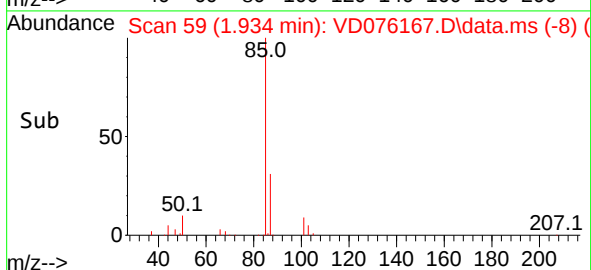
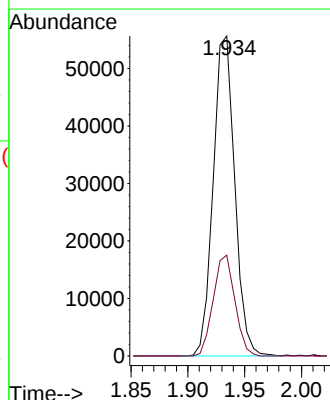
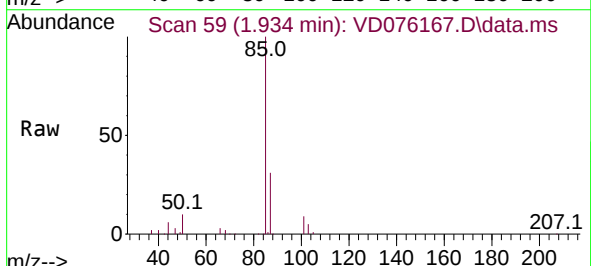
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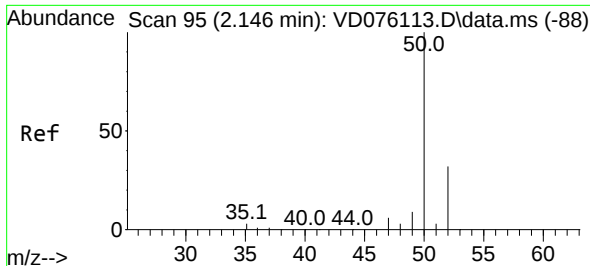
Tgt Ion:168 Resp: 183075
Ion Ratio Lower Upper
168 100
99 52.4 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 44.463 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 85 Resp: 73414
Ion Ratio Lower Upper
85 100
87 31.5 17.3 51.7

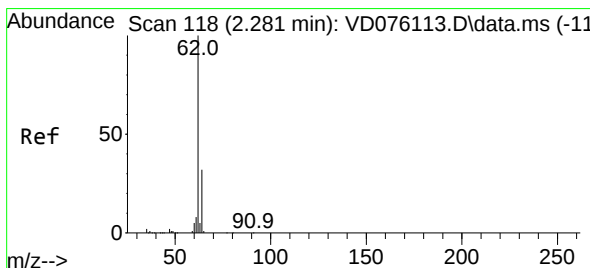
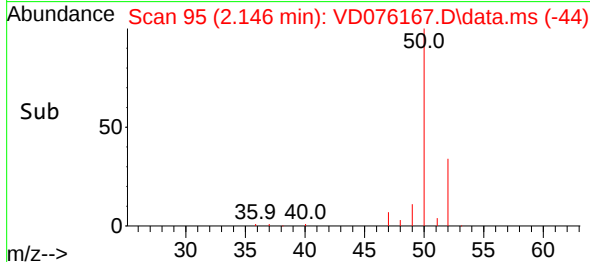
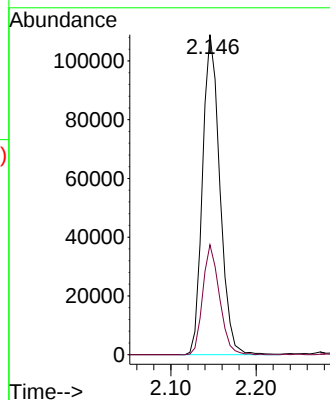
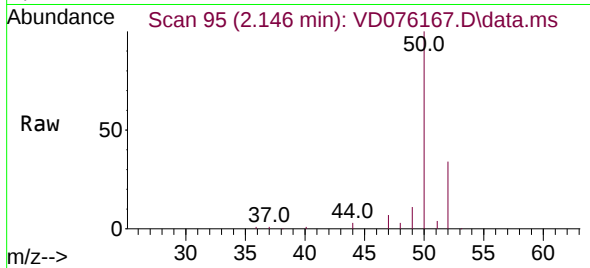




#3
Chloromethane
Concen: 57.403 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

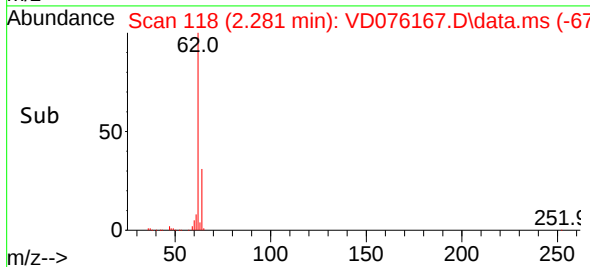
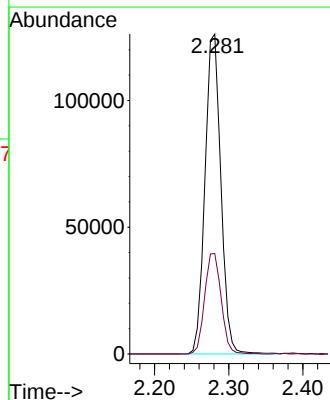
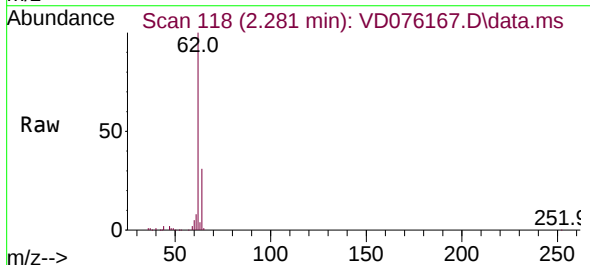
Instrument :
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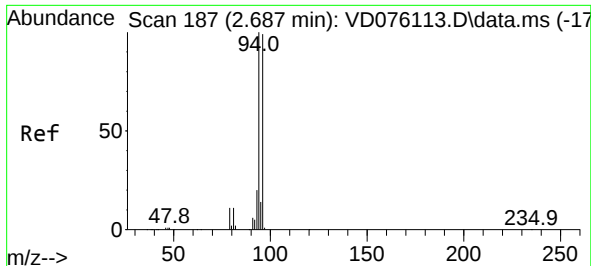
Tgt Ion: 50 Resp: 153876
Ion Ratio Lower Upper
50 100
52 34.3 27.8 41.8



#4
Vinyl Chloride
Concen: 52.935 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 62 Resp: 188499
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

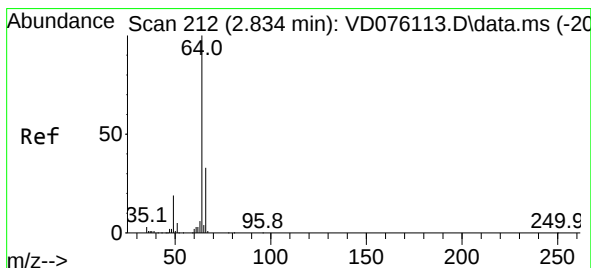
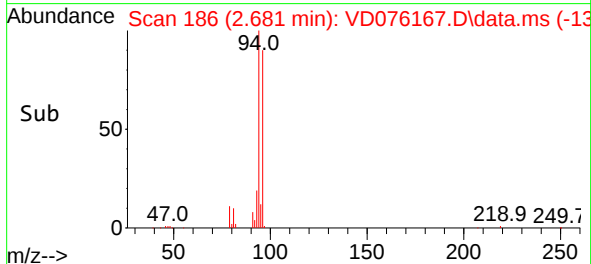
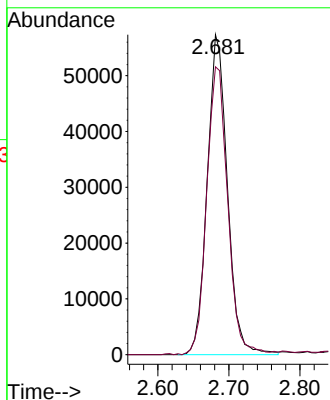
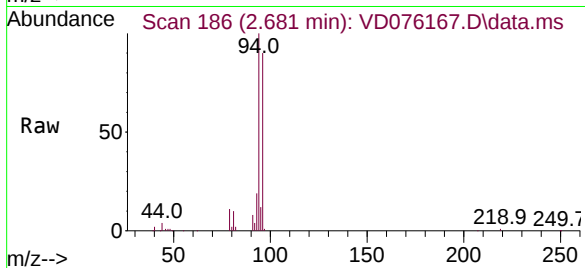




#5
Bromomethane
Concen: 47.298 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

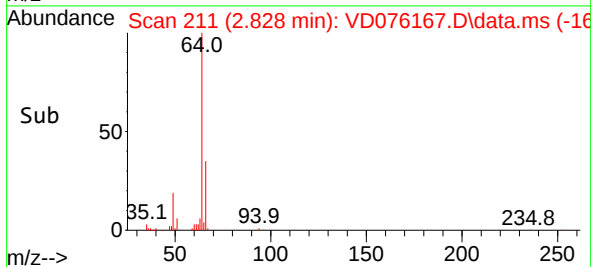
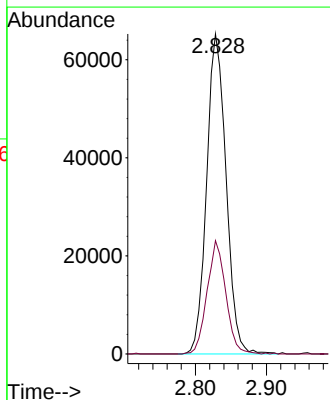
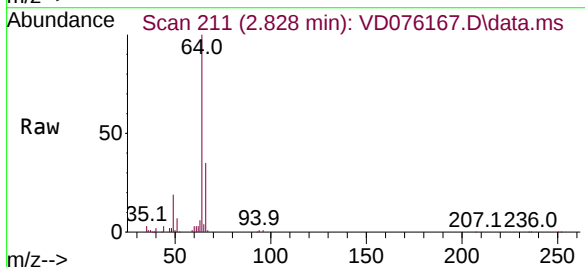
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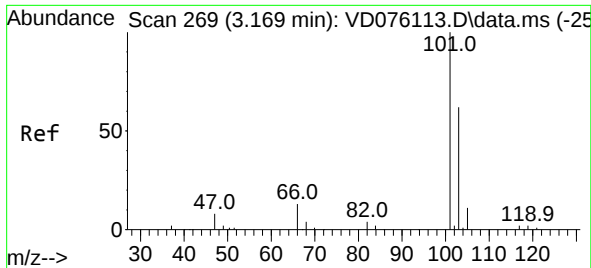
Tgt Ion: 94 Resp: 113391
Ion Ratio Lower Upper
94 100
96 93.6 77.5 116.3



#6
Chloroethane
Concen: 51.857 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 64 Resp: 124232
Ion Ratio Lower Upper
64 100
66 35.4 27.7 41.5

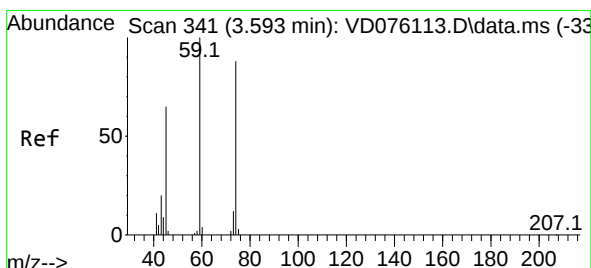
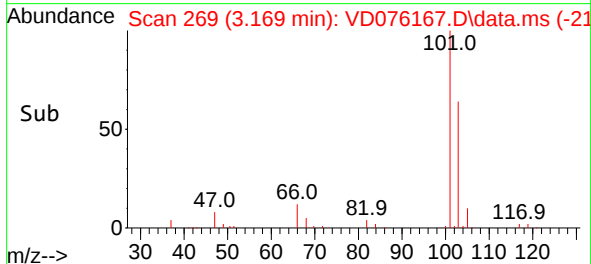
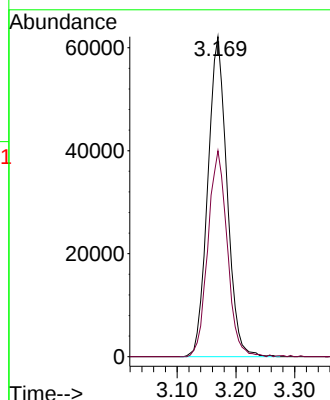
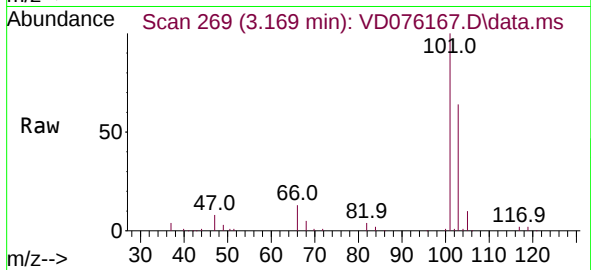




#7
 Trichlorofluoromethane
 Concen: 46.607 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

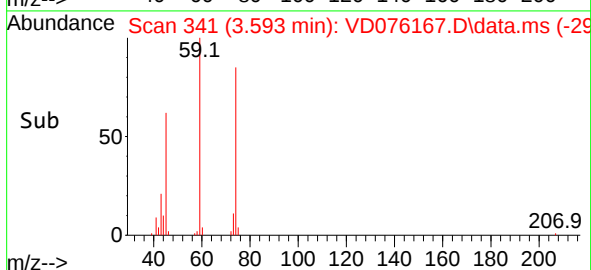
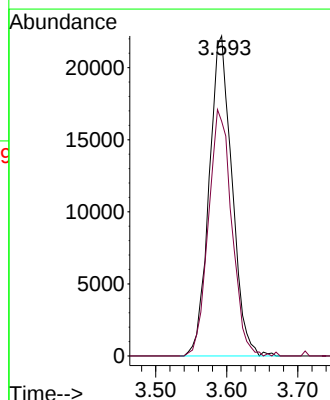
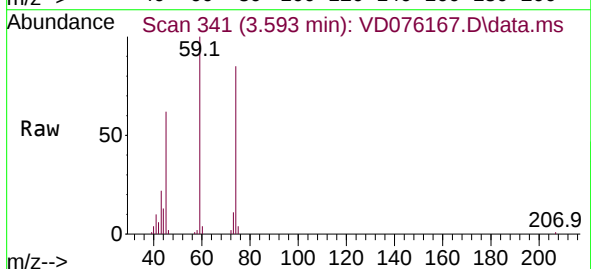
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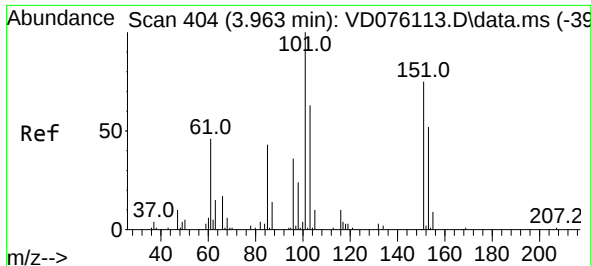
Tgt Ion:101 Resp: 140671
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.934 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion: 74 Resp: 49563
 Ion Ratio Lower Upper
 74 100
 45 78.7 50.9 152.7

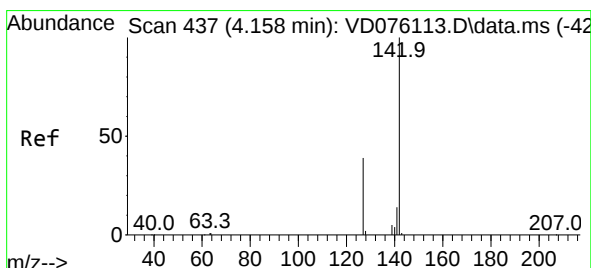
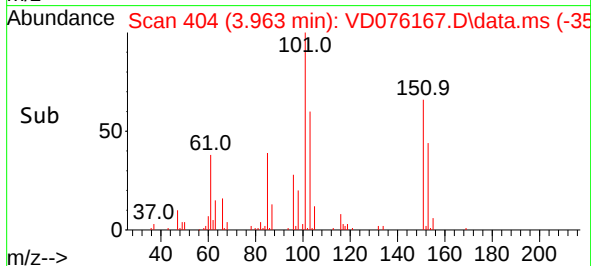
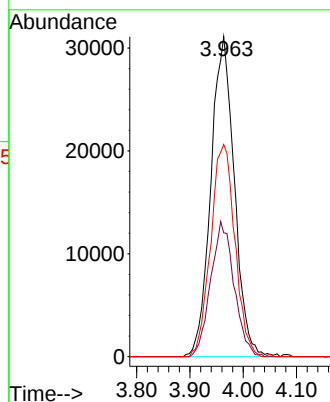
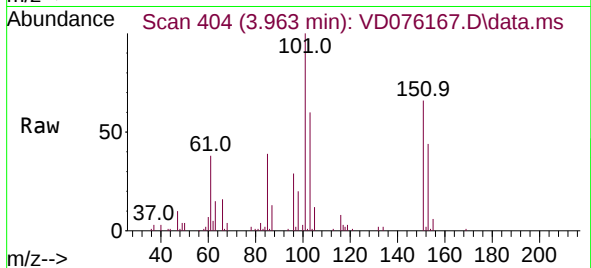




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.882 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

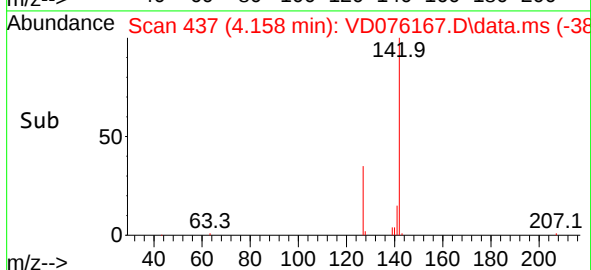
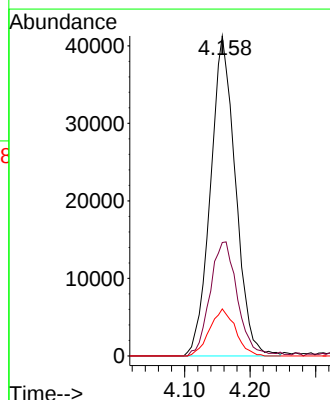
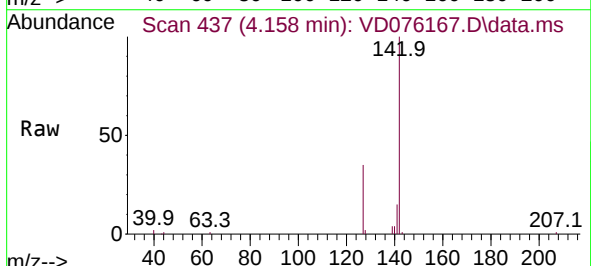
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

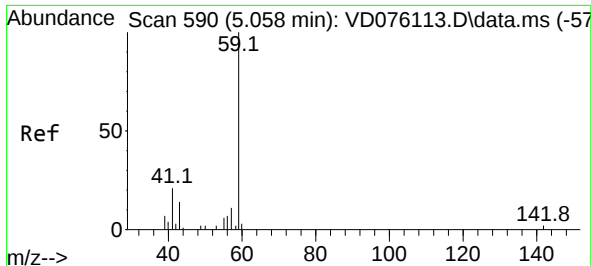
Tgt Ion:	101	Resp:	95195
Ion Ratio	Lower	Upper	
101	100		
85	42.1	38.3	57.5
151	68.2	60.4	90.6



#10
Methyl Iodide
Concen: 52.873 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:	142	Resp:	109296
Ion Ratio	Lower	Upper	
142	100		
127	39.0	37.1	55.7
141	15.2	11.3	16.9

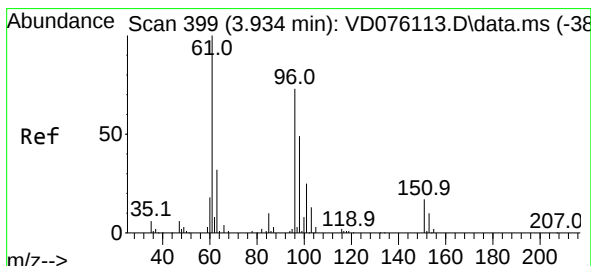
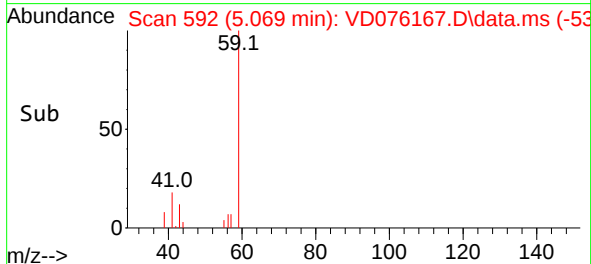
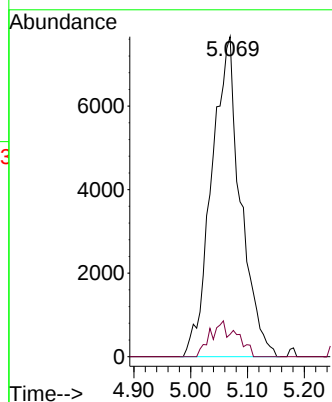
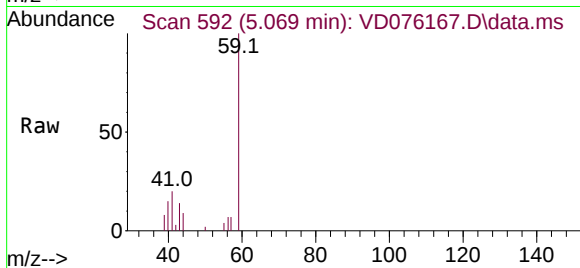




#11
Tert butyl alcohol
Concen: 289.658 ug/l
RT: 5.069 min Scan# 590
Delta R.T. 0.017 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

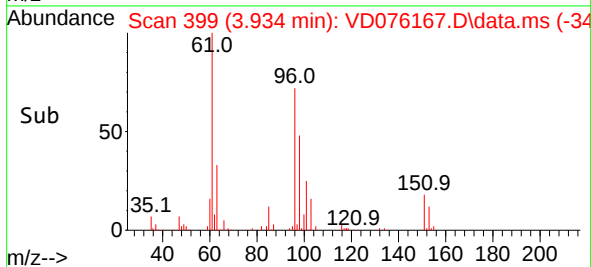
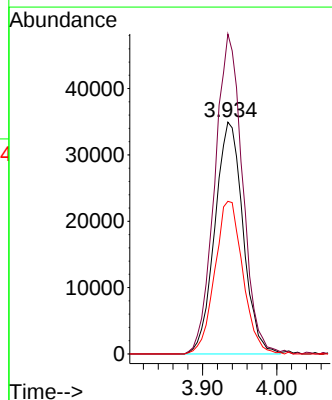
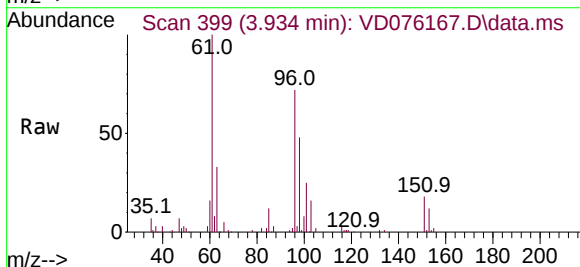
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

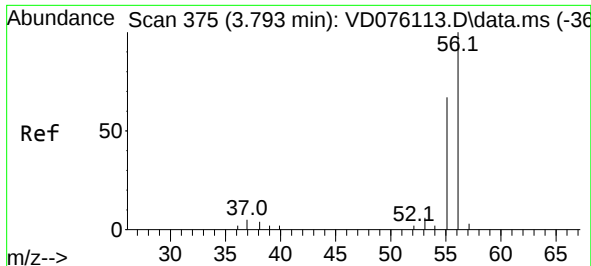
Tgt Ion: 59 Resp: 27111
Ion Ratio Lower Upper
59 100
57 6.7 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 46.663 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 96 Resp: 92331
Ion Ratio Lower Upper
96 100
61 138.1 118.6 177.8
98 65.9 49.7 74.5





#13

Acrolein

Concen: 211.315 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

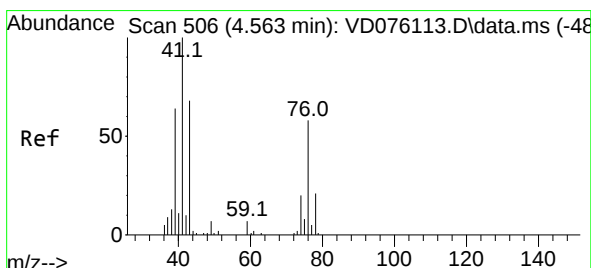
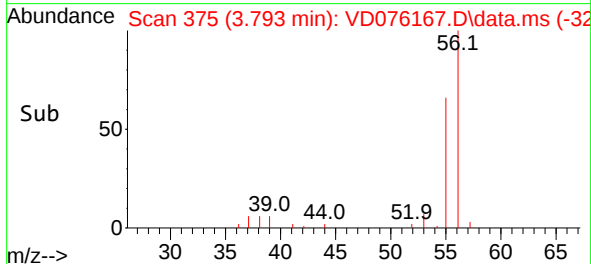
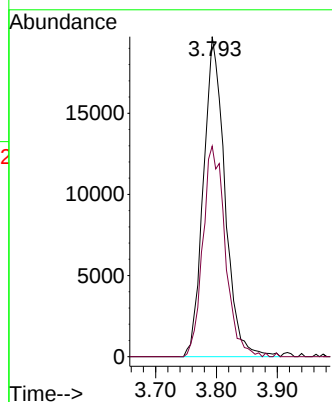
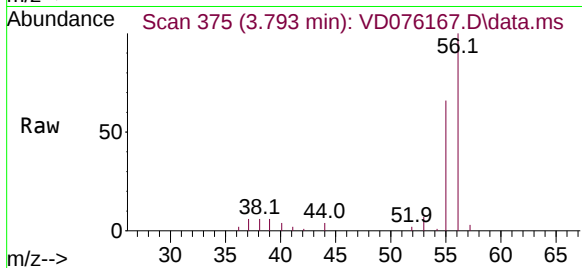
VSTDCCC050EC

Tgt Ion: 56 Resp: 48406

Ion Ratio Lower Upper

56 100

55 68.4 53.9 80.9



#14

Allyl chloride

Concen: 50.065 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.011 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

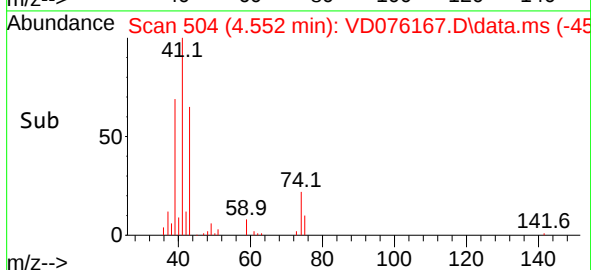
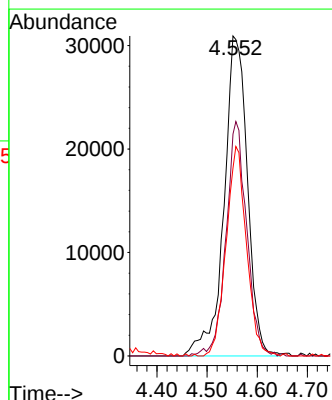
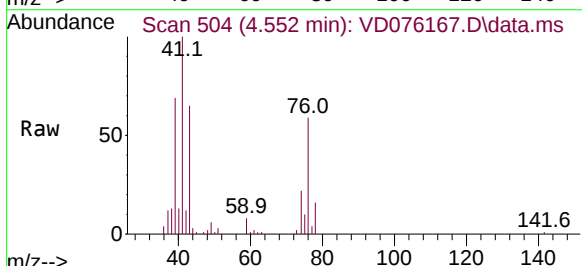
Tgt Ion: 41 Resp: 100537

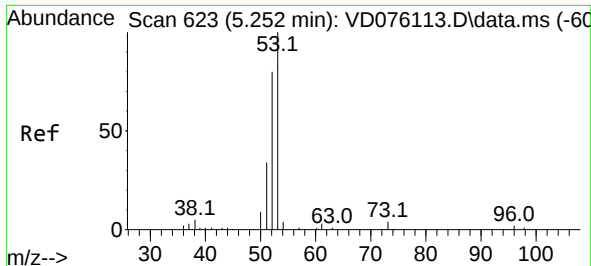
Ion Ratio Lower Upper

41 100

39 64.7 60.6 90.8

76 57.1 28.6 43.0#

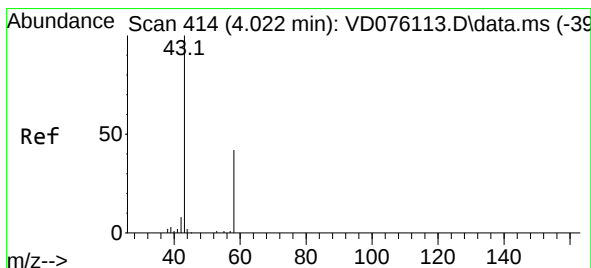
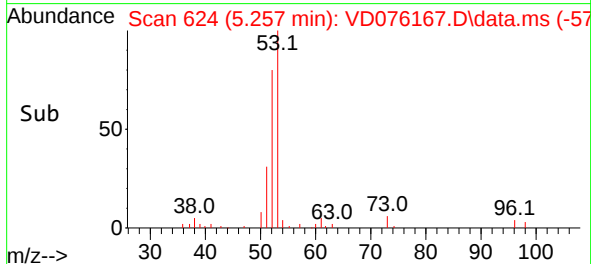
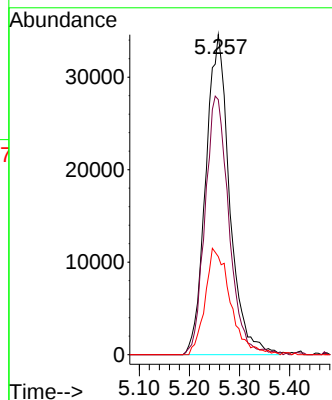
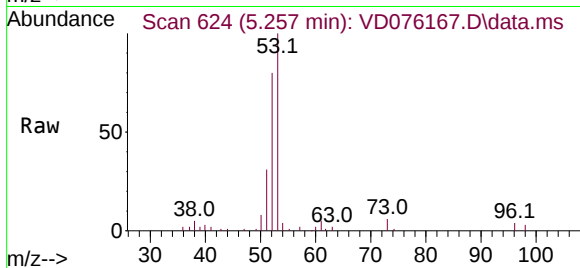




#15
Acrylonitrile
Concen: 279.128 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

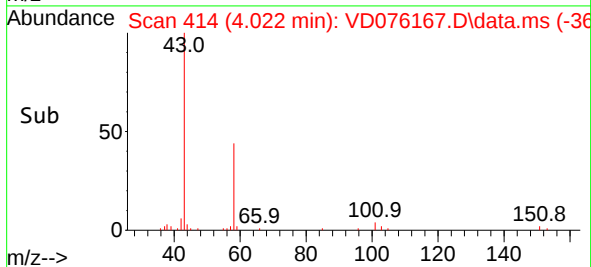
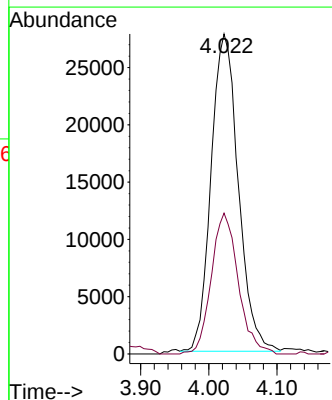
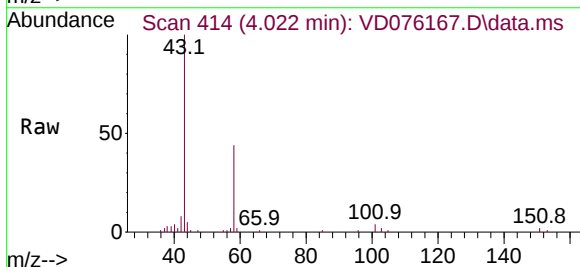
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

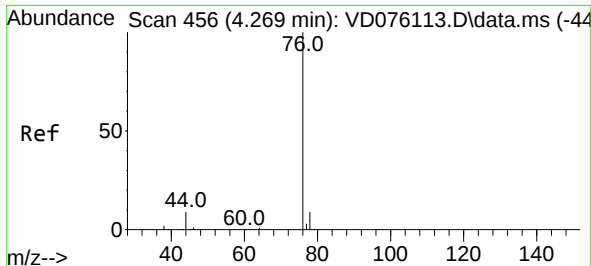
Tgt Ion: 53 Resp: 114714
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.4
51 35.2 30.7 46.1



#16
Acetone
Concen: 218.570 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 43 Resp: 76945
Ion Ratio Lower Upper
43 100
58 44.4 24.4 36.6#

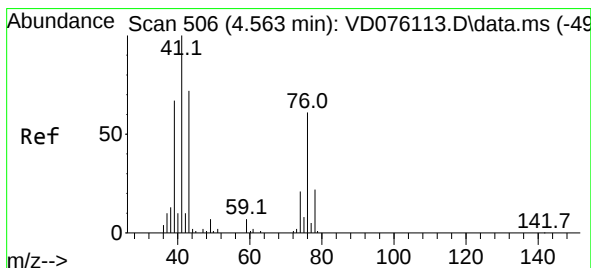
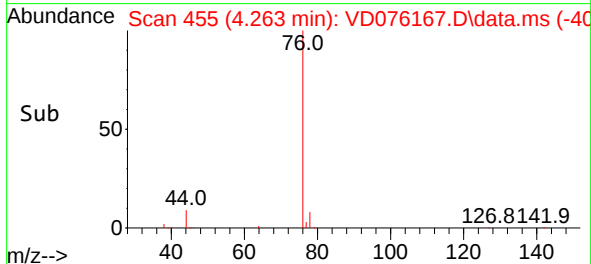
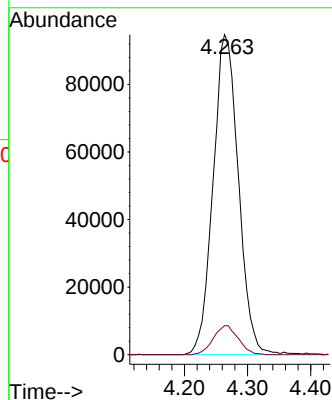
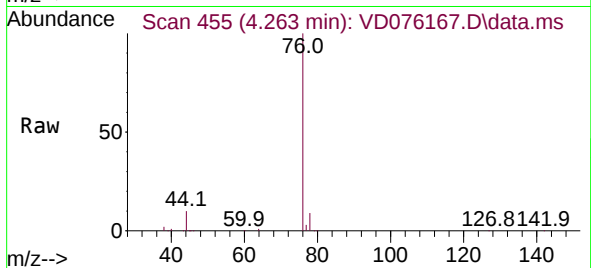




#17
Carbon Disulfide
Concen: 49.130 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

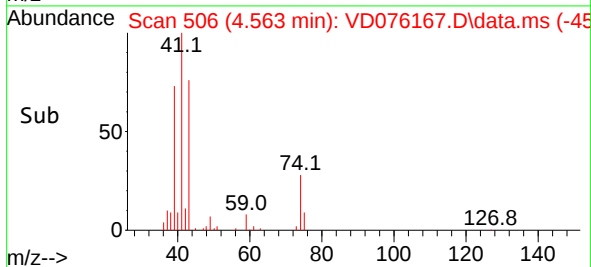
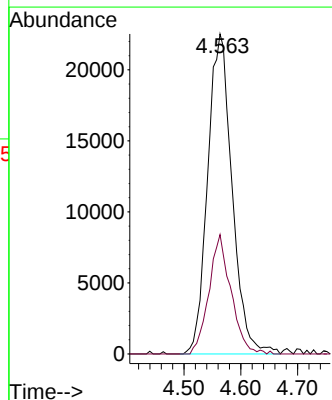
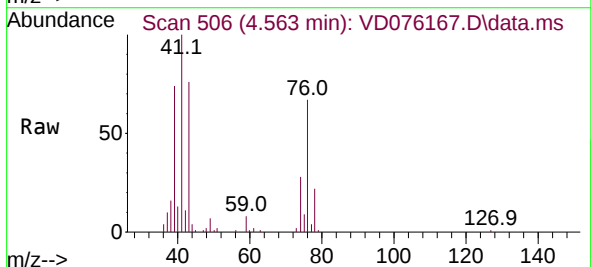
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

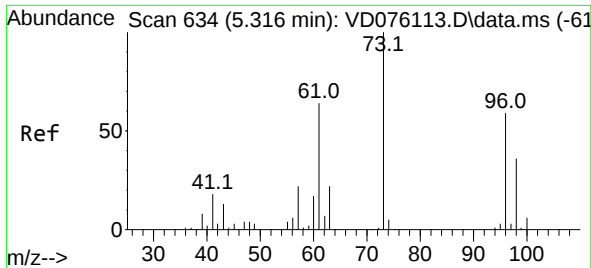
Tgt Ion: 76 Resp: 263373
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0



#18
Methyl Acetate
Concen: 53.589 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 43 Resp: 67296
Ion Ratio Lower Upper
43 100
74 33.7 17.8 26.6#

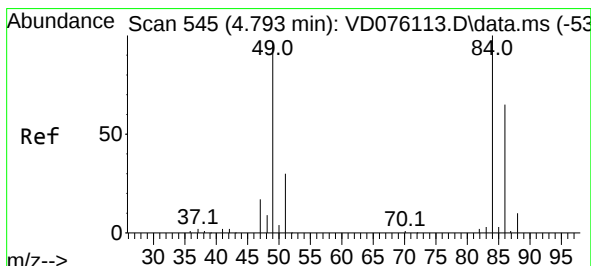
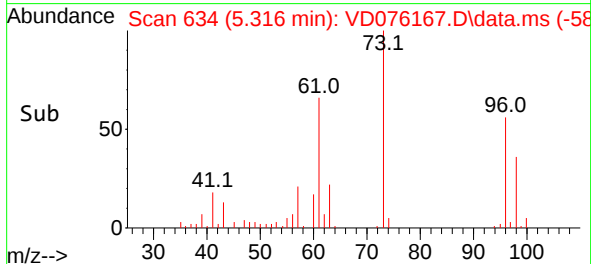
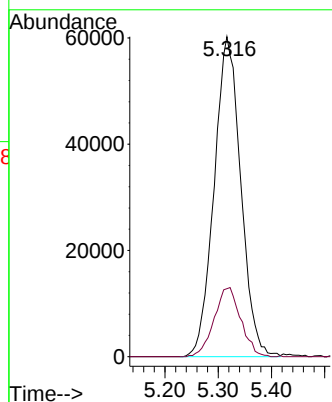
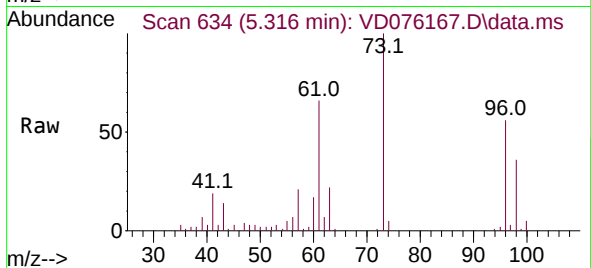




#19
Methyl tert-butyl Ether
Concen: 53.969 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

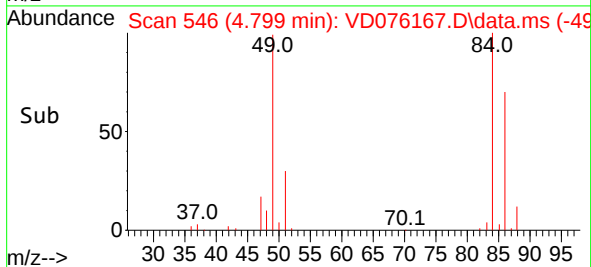
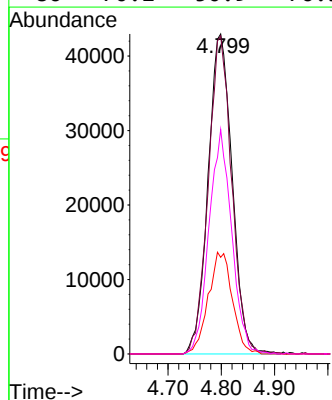
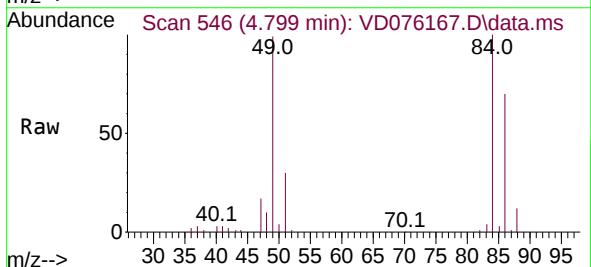
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

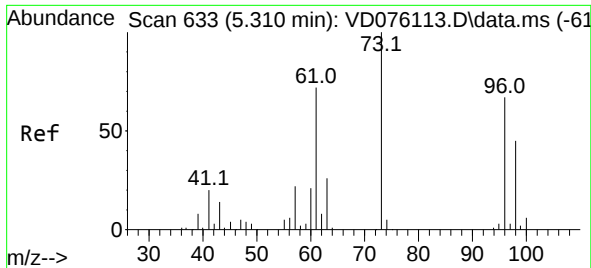
Tgt Ion: 73 Resp: 209011
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 47.970 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 84 Resp: 134729
Ion Ratio Lower Upper
84 100
49 99.4 106.4 159.6#
51 30.2 32.4 48.6#
86 70.2 50.9 76.3

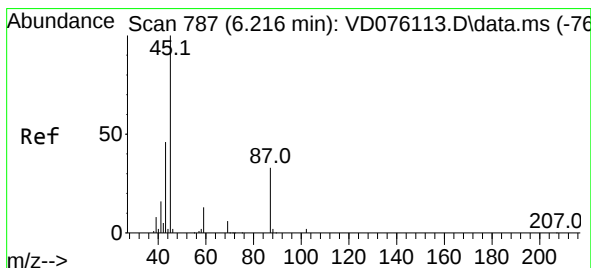
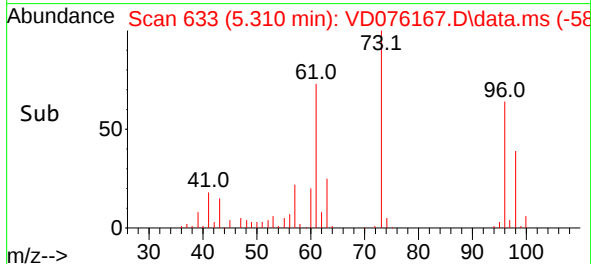
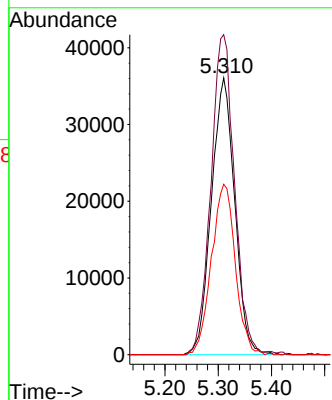
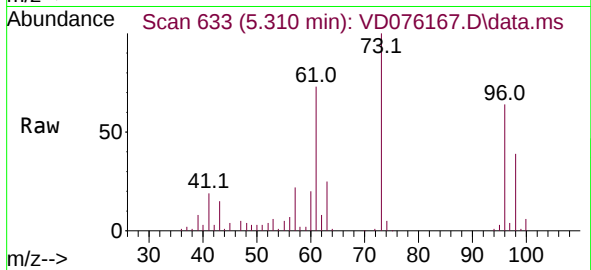




#21
trans-1,2-Dichloroethene
Concen: 48.132 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

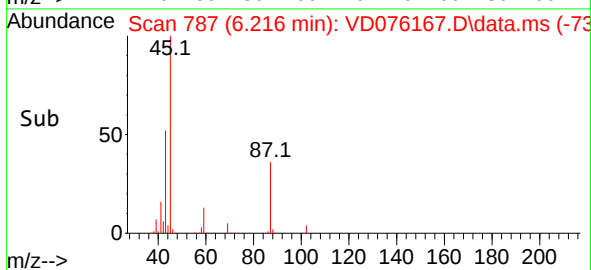
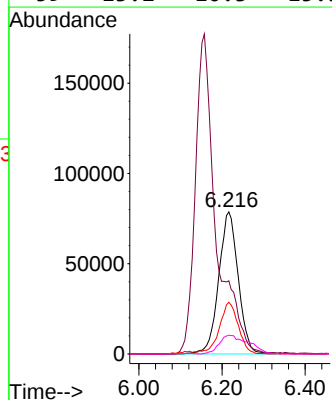
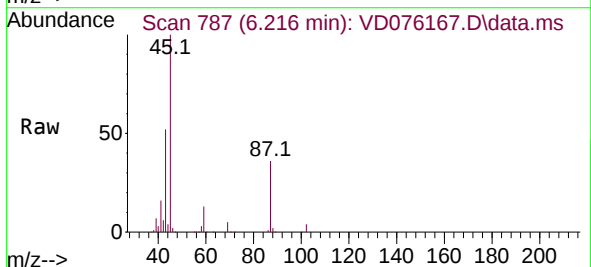
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

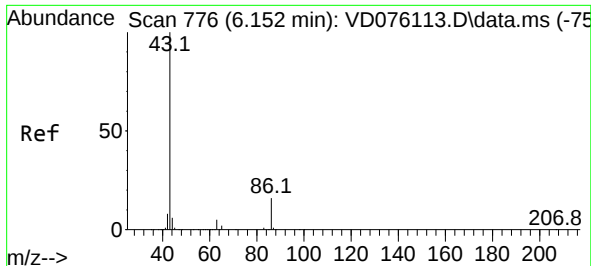
Tgt Ion: 96 Resp: 109762
Ion Ratio Lower Upper
96 100
61 115.6 117.2 175.8#
98 61.6 50.6 76.0



#22
Diisopropyl ether
Concen: 54.977 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 45 Resp: 256258
Ion Ratio Lower Upper
45 100
43 50.5 44.4 66.6
87 36.4 20.9 31.3#
59 13.2 10.3 15.5

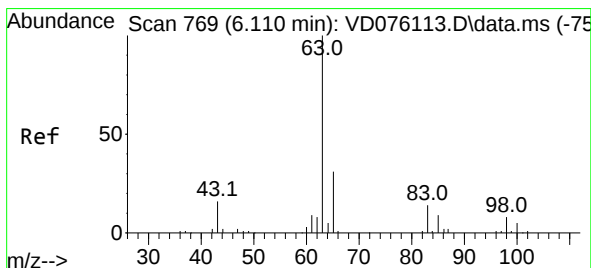
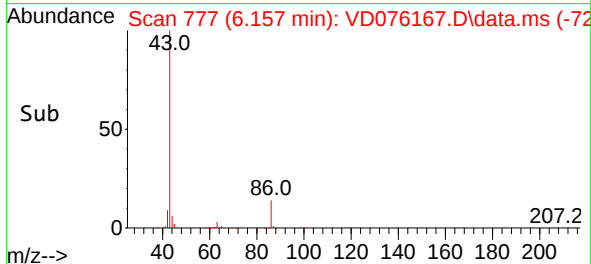
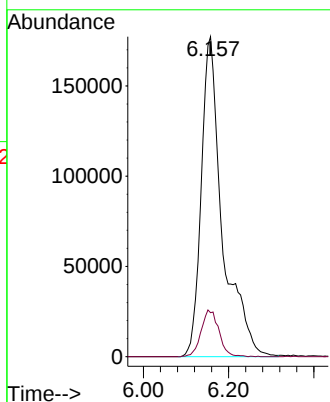
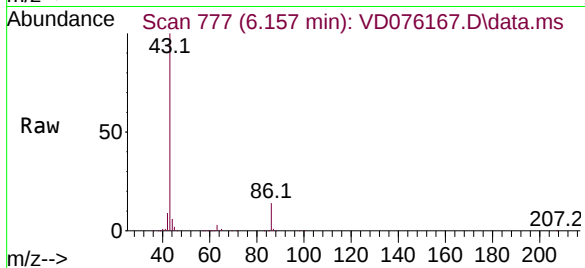




#23
 Vinyl Acetate
 Concen: 333.984 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.005 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

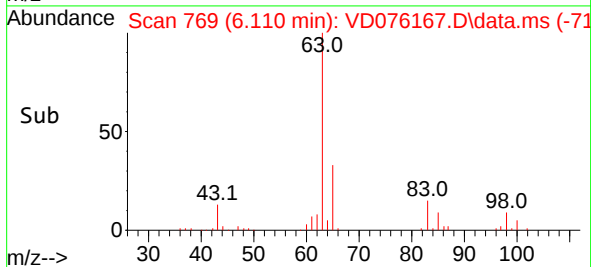
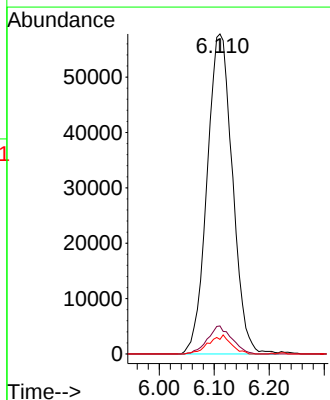
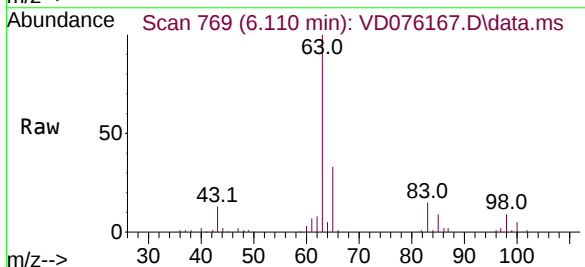
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

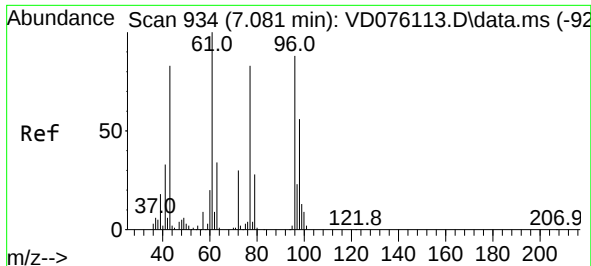
Tgt Ion: 43 Resp: 612101
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 50.500 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion: 63 Resp: 185639
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.6 2.0 6.0

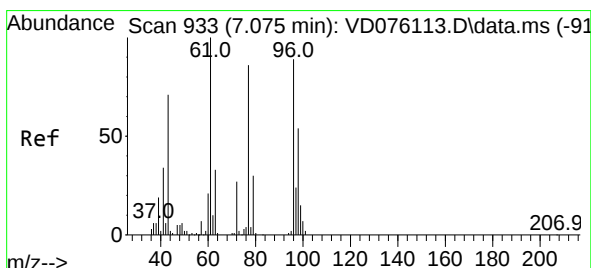
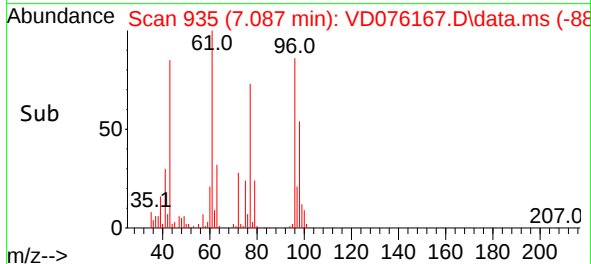
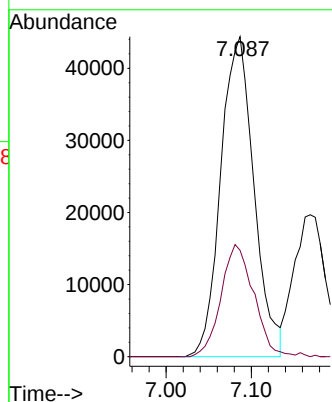
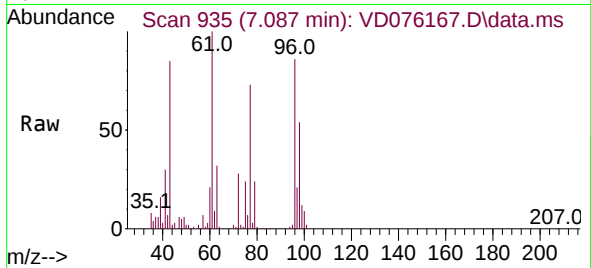




#25
2-Butanone
Concen: 271.861 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

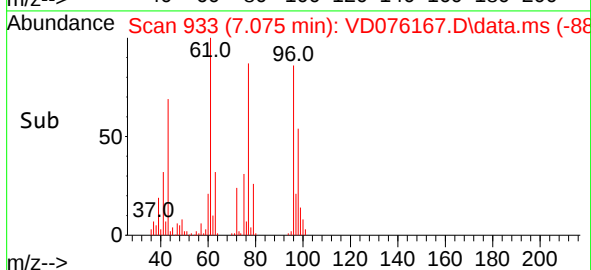
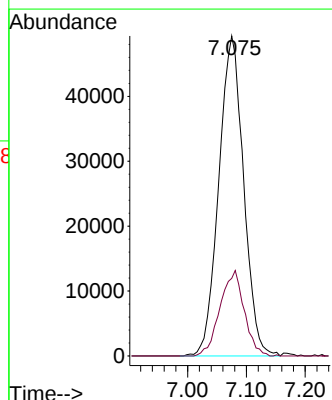
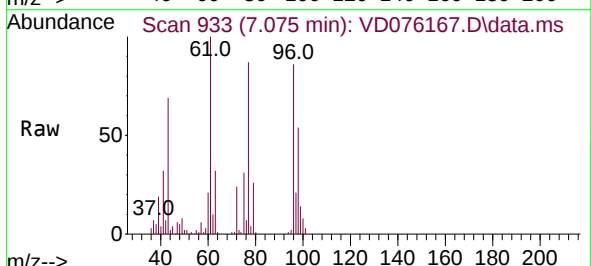
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

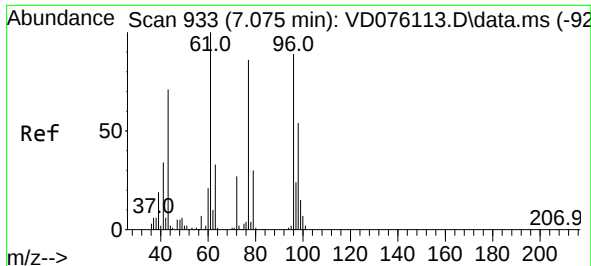
Tgt Ion: 43 Resp: 120337
Ion Ratio Lower Upper
43 100
72 33.3 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 48.183 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 77 Resp: 144426
Ion Ratio Lower Upper
77 100
97 26.0 11.1 33.1



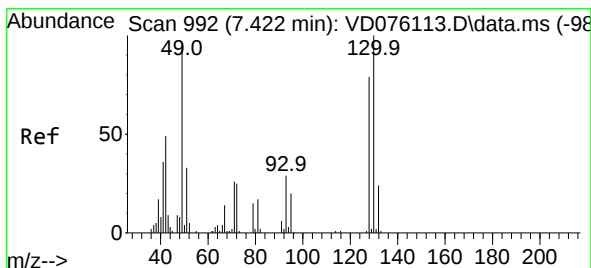
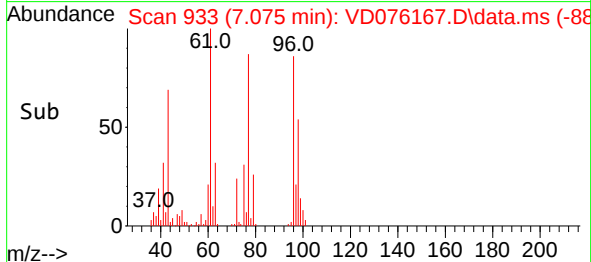
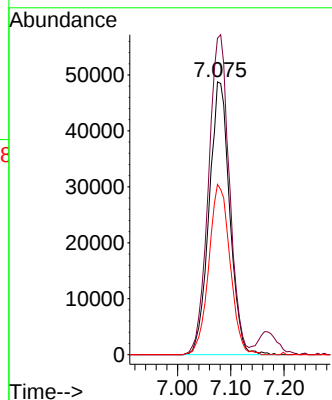
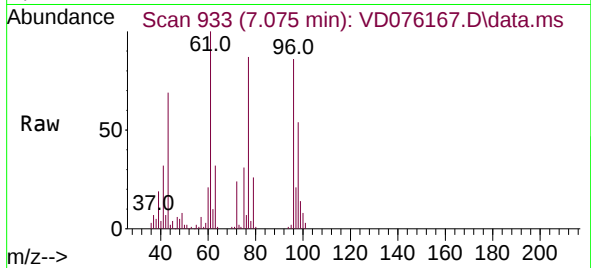


#27
 cis-1,2-Dichloroethene
 Concen: 51.728 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 130902

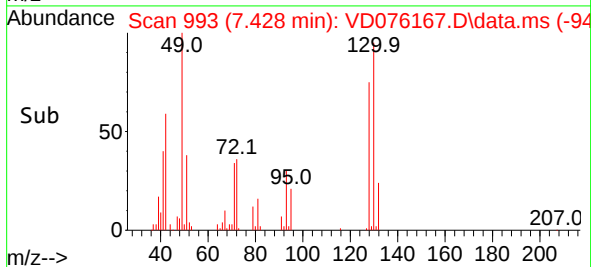
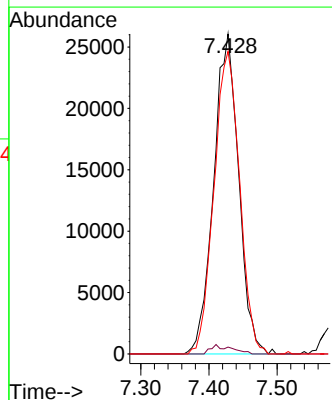
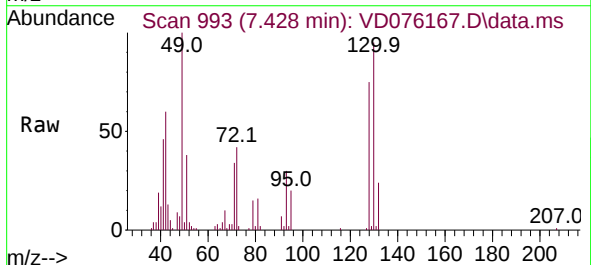
Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	295.2
98	64.3	0.0	129.2

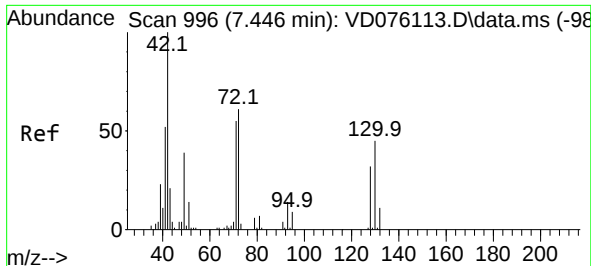


#28
 Bromochloromethane
 Concen: 54.294 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion: 49 Resp: 66549

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	96.7	56.0	84.0





#29

Tetrahydrofuran

Concen: 286.288 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

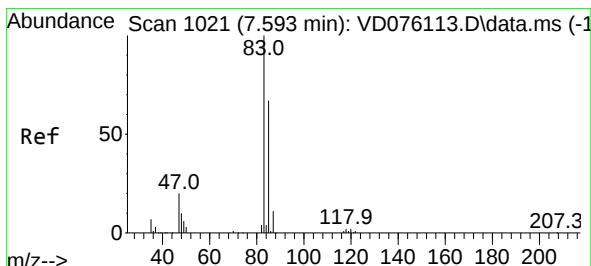
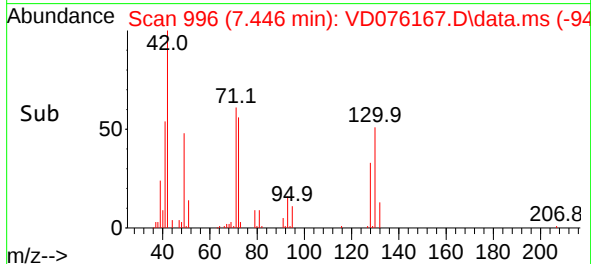
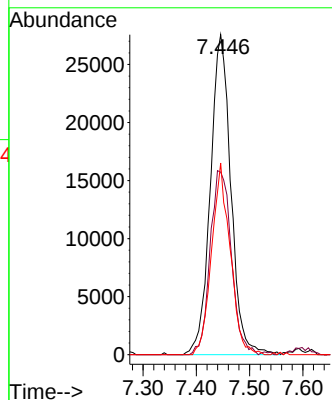
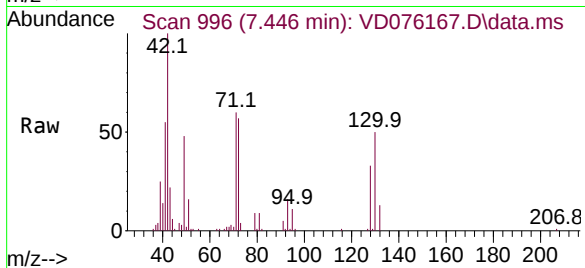
Tgt Ion: 42 Resp: 73862

Ion Ratio Lower Upper

42 100

72 59.2 31.8 47.6#

71 54.1 27.6 41.4#



#30

Chloroform

Concen: 50.312 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076167.D

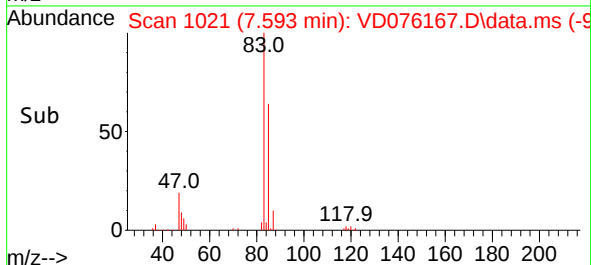
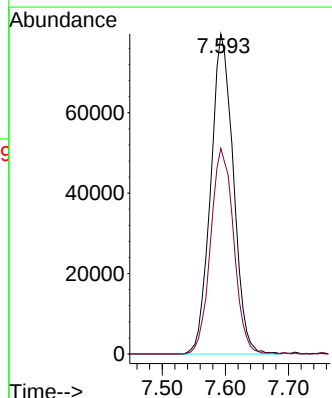
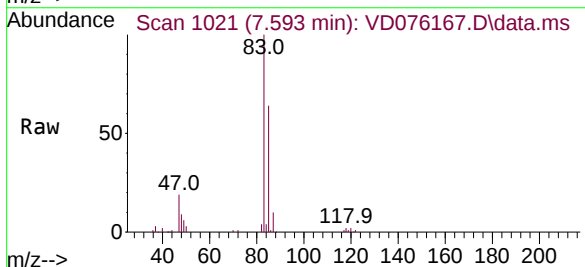
Acq: 19 May 2023 20:39

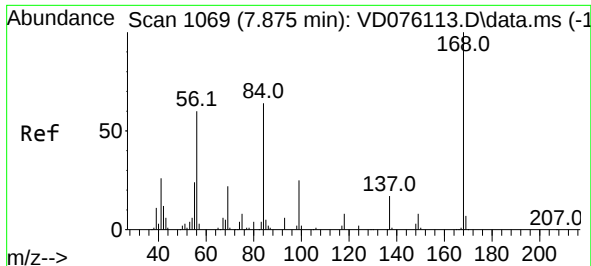
Tgt Ion: 83 Resp: 197780

Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.2

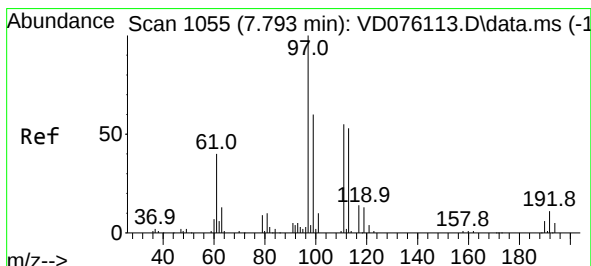
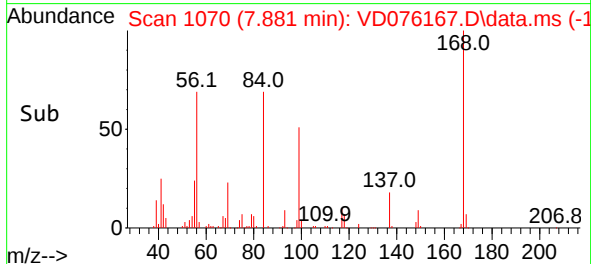
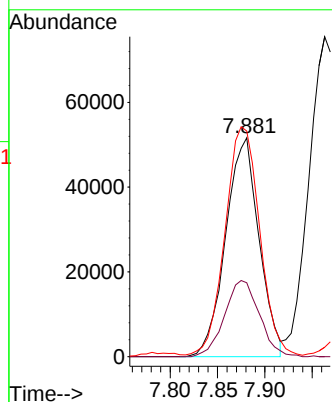
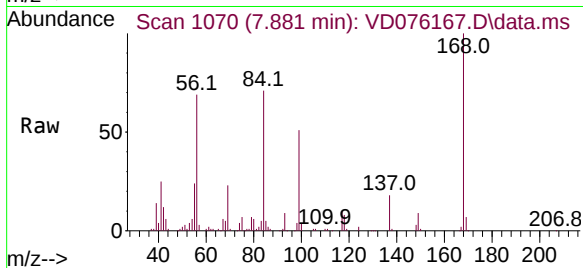




#31
Cyclohexane
Concen: 46.659 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

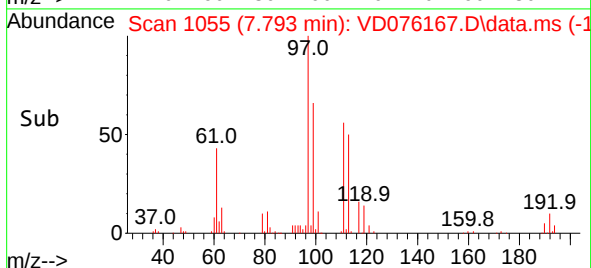
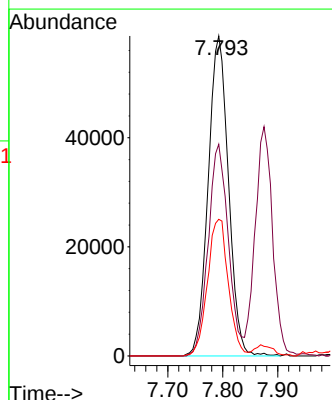
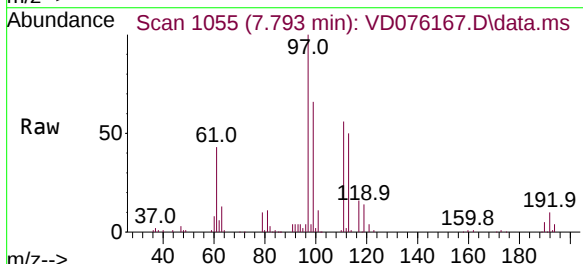
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

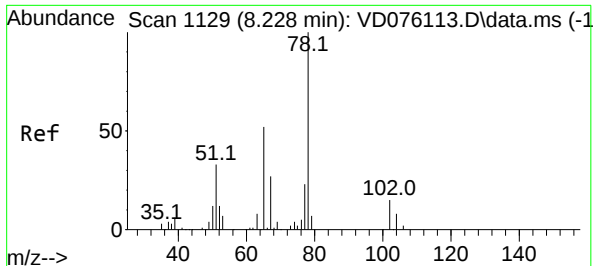
Tgt Ion: 56 Resp: 126438
Ion Ratio Lower Upper
56 100
69 33.8 25.5 38.3
84 102.3 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 47.988 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 97 Resp: 150337
Ion Ratio Lower Upper
97 100
99 66.0 50.5 75.7
61 44.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.277 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

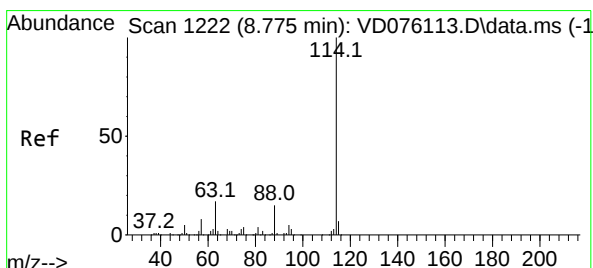
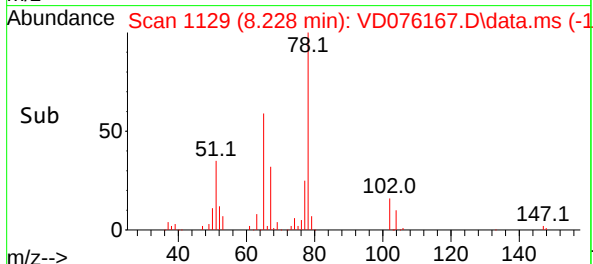
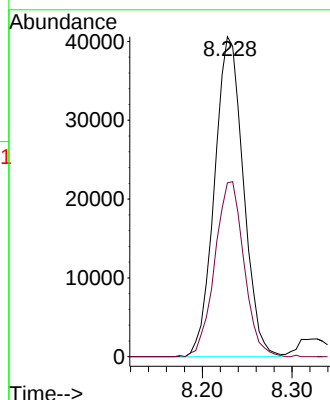
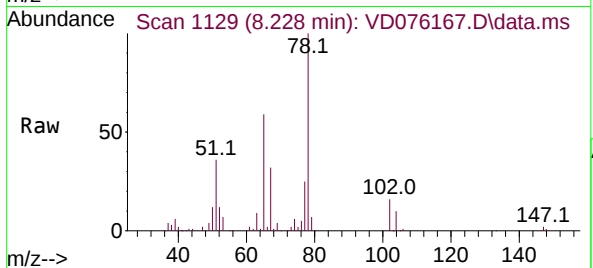
VSTDCCC050EC

Tgt Ion: 65 Resp: 90729

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

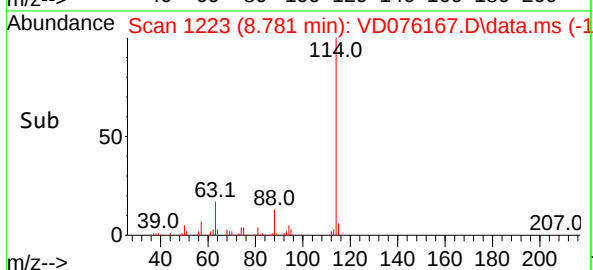
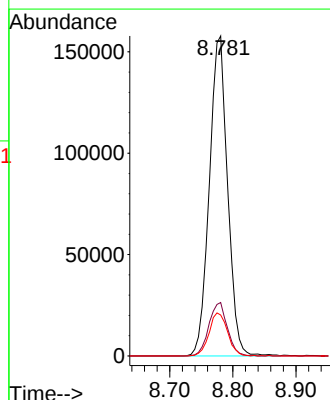
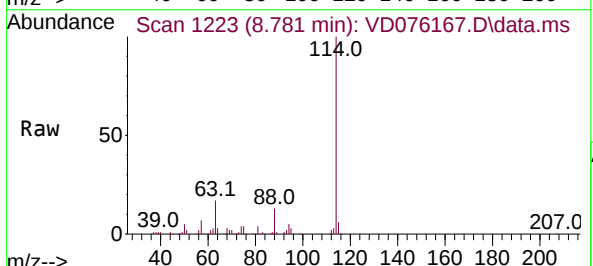
Tgt Ion: 114 Resp: 316740

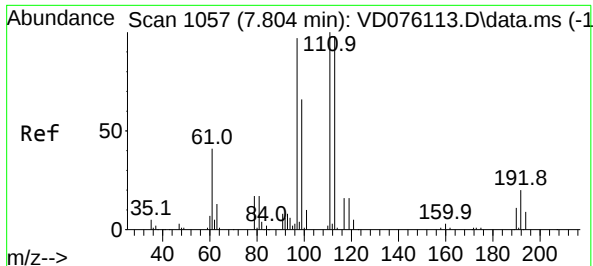
Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 12.8 0.0 30.6

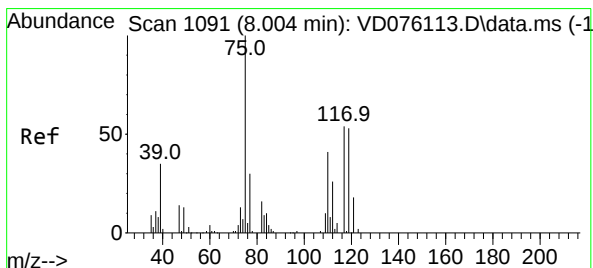
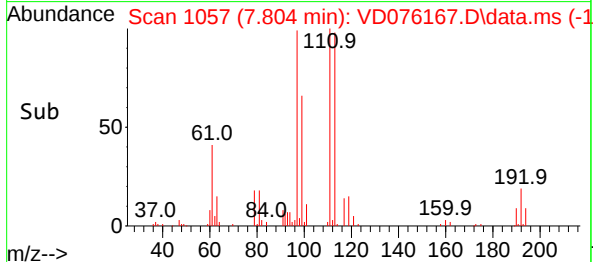
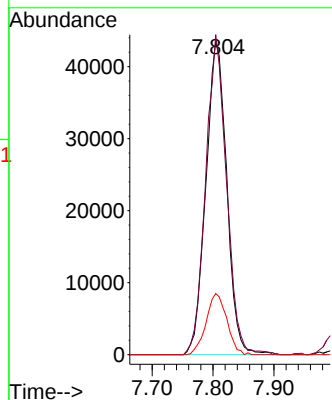
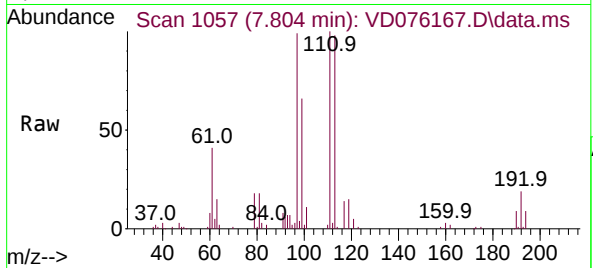




#35
 Dibromofluoromethane
 Concen: 47.416 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.001 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

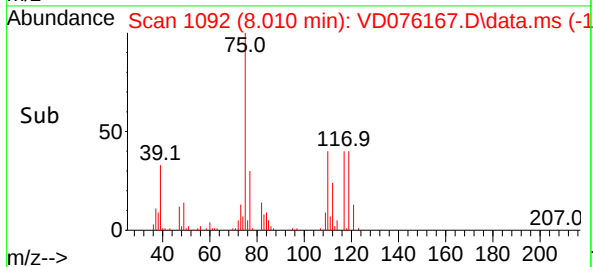
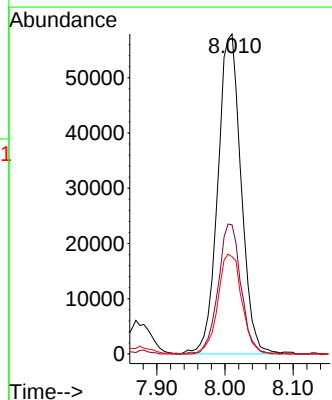
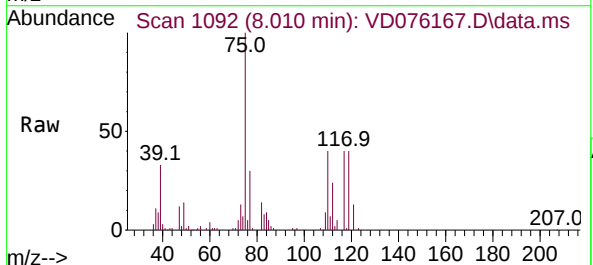
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

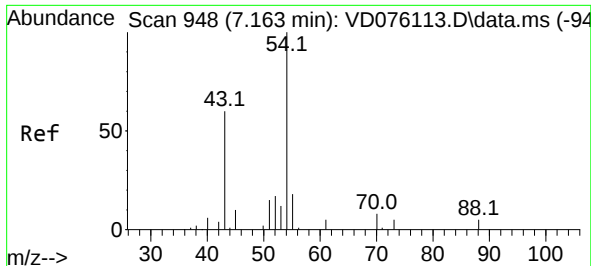
Tgt Ion:113 Resp: 103811
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 19.3 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 46.628 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion: 75 Resp: 137872
 Ion Ratio Lower Upper
 75 100
 110 39.5 17.1 51.2
 77 32.1 24.6 36.8





#37

Ethyl Acetate

Concen: 52.197 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

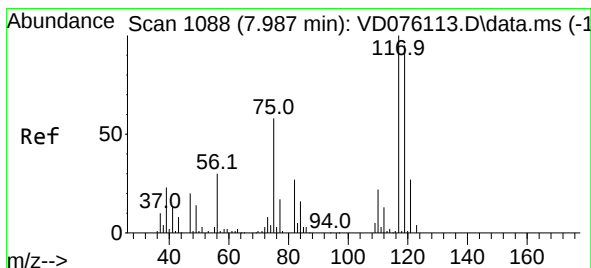
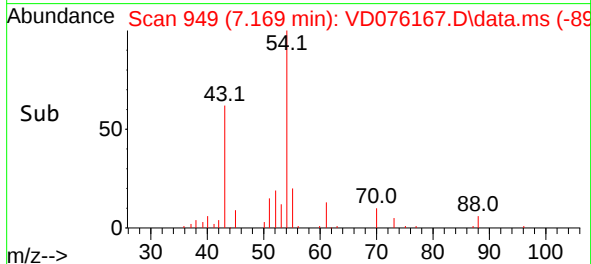
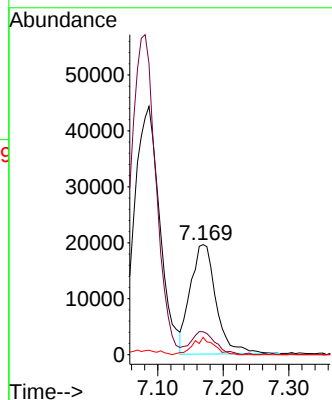
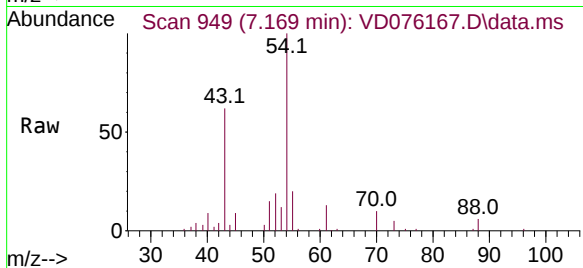
Tgt Ion: 43 Resp: 53444

Ion Ratio Lower Upper

43 100

61 20.3 0.0 0.0#

70 12.9 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 45.180 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

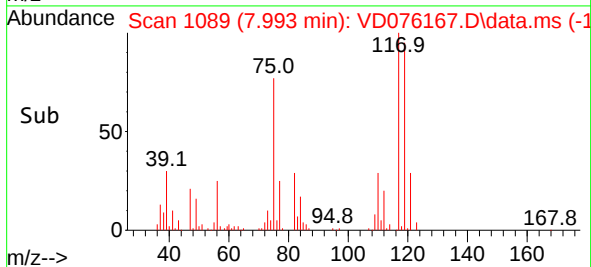
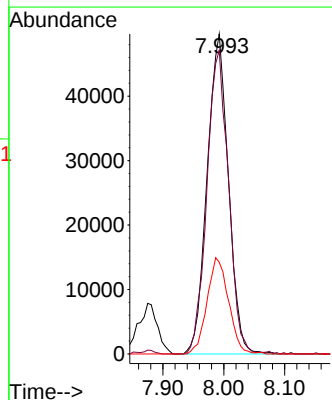
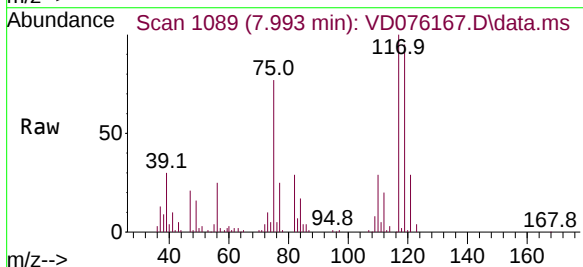
Tgt Ion: 117 Resp: 120667

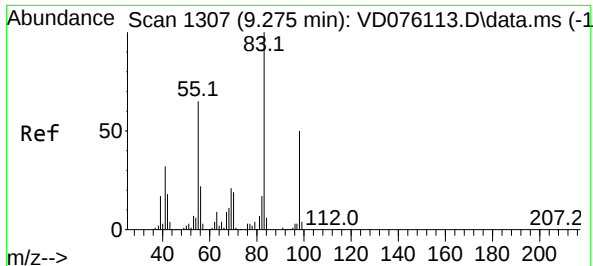
Ion Ratio Lower Upper

117 100

119 94.9 74.7 112.1

121 28.6 25.9 38.9





#39

Methylcyclohexane

Concen: 45.830 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

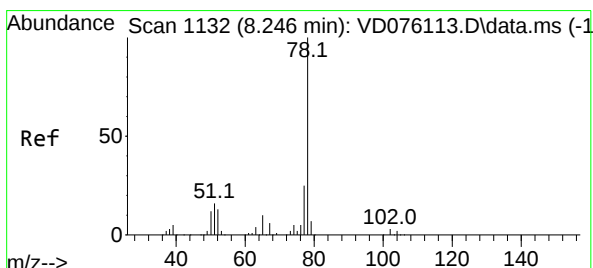
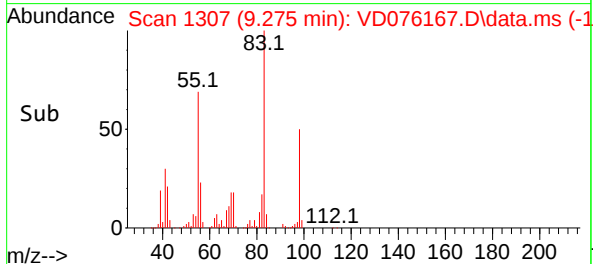
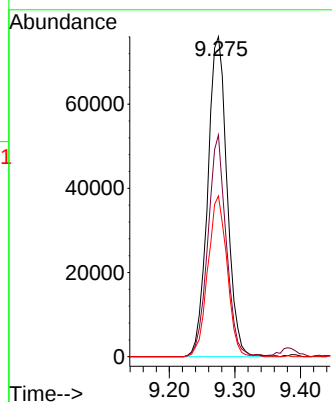
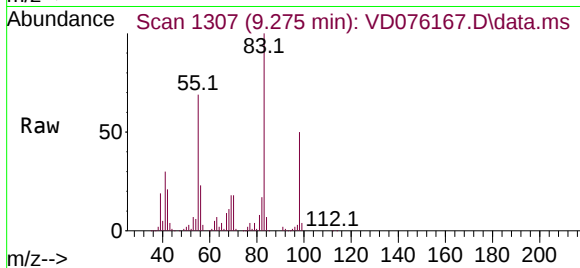
Tgt Ion: 83 Resp: 156018

Ion Ratio Lower Upper

83 100

55 69.3 56.8 85.2

98 50.3 38.9 58.3



#40

Benzene

Concen: 47.220 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD076167.D

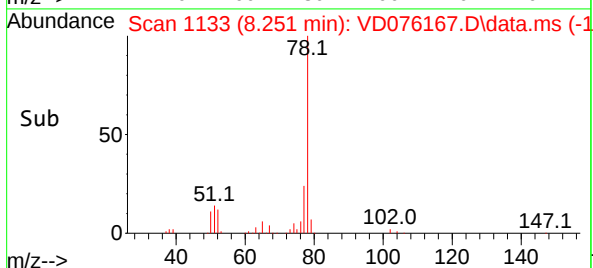
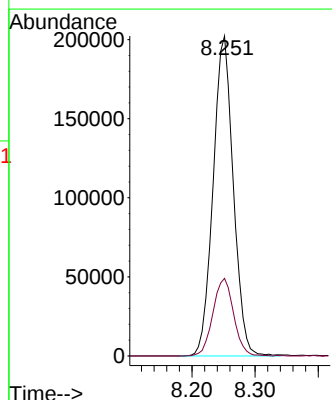
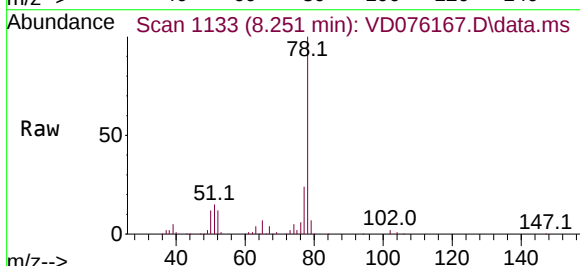
Acq: 19 May 2023 20:39

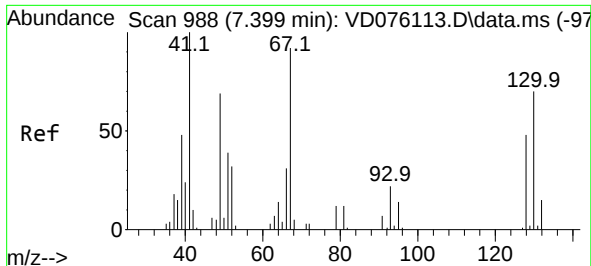
Tgt Ion: 78 Resp: 448894

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

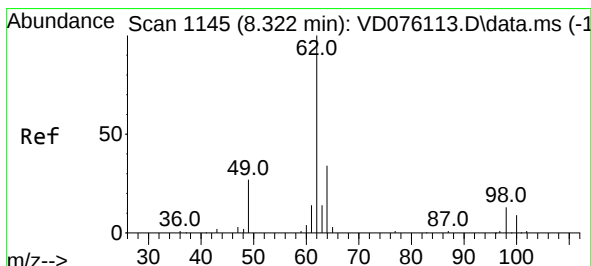
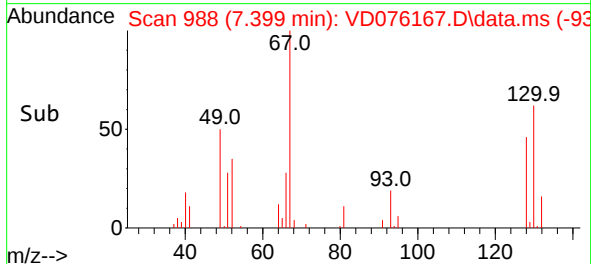
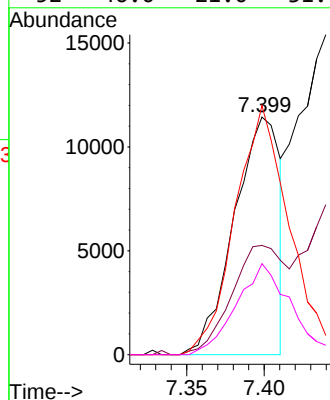
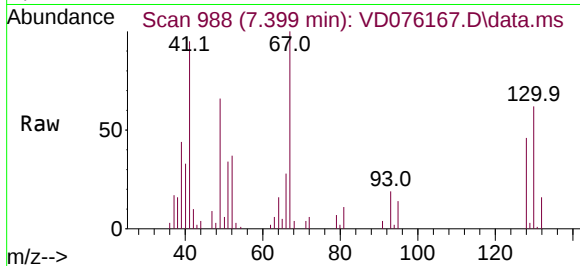




#41
Methacrylonitrile
Concen: 41.783 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

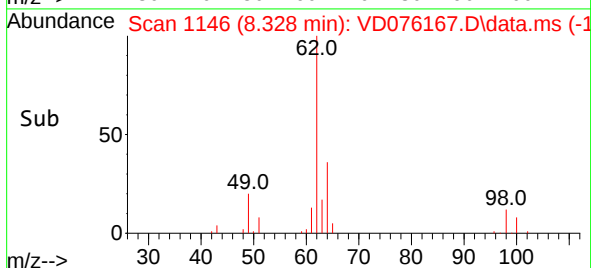
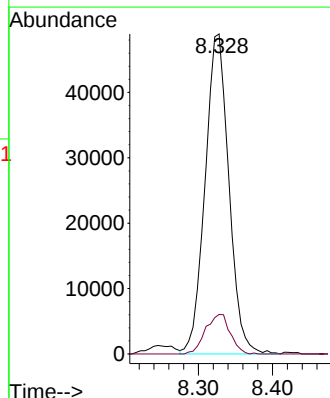
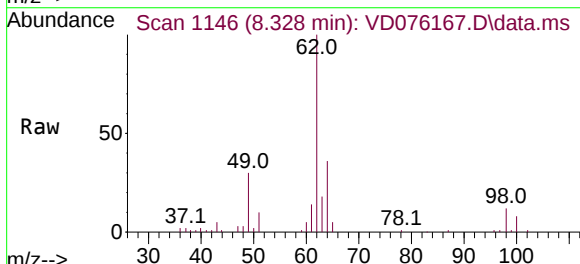
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

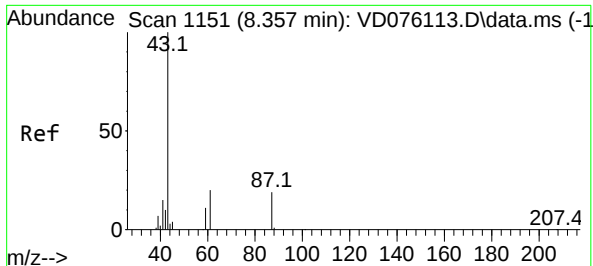
Tgt Ion:	41	Resp:	23458
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.3	67.9
67	123.8	50.5	75.7#
52	46.0	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 48.583 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:	62	Resp:	109239
Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	18.8





#43

Isopropyl Acetate

Concen: 50.218 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

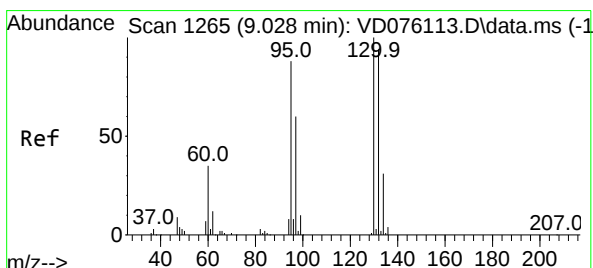
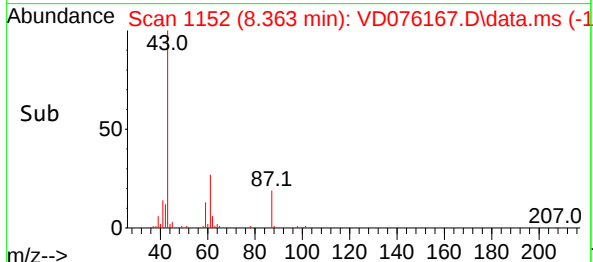
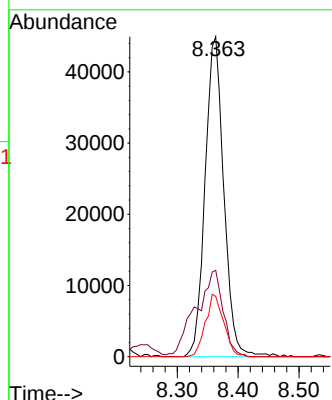
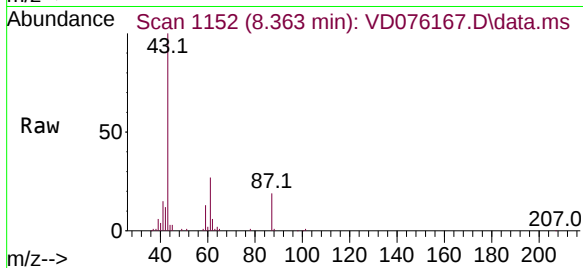
Tgt Ion: 43 Resp: 96051

Ion Ratio Lower Upper

43 100

61 39.3 23.4 35.0#

87 19.1 9.5 14.3#



#44

Trichloroethene

Concen: 43.752 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD076167.D

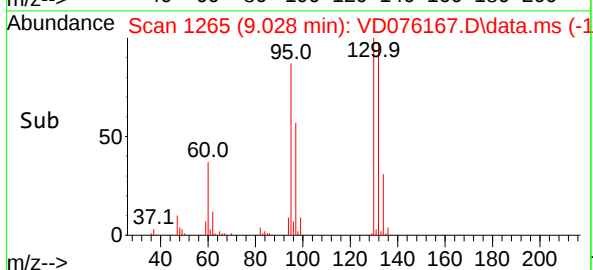
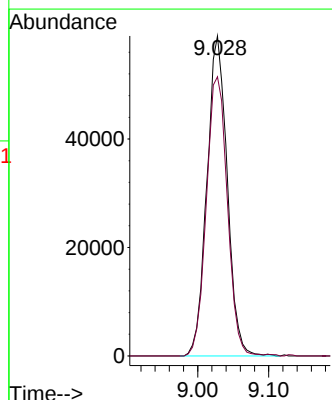
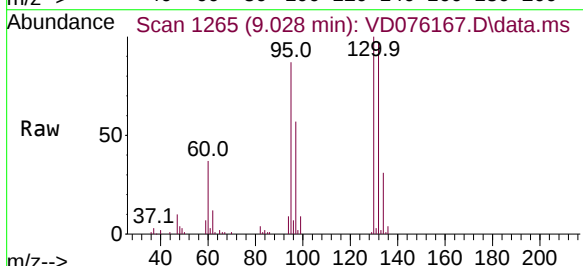
Acq: 19 May 2023 20:39

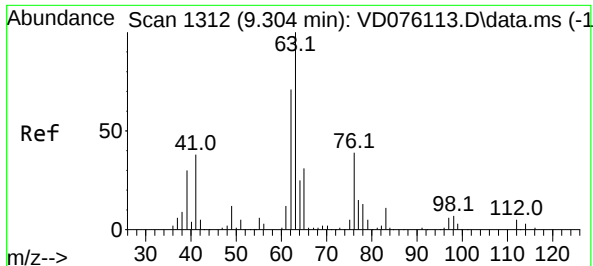
Tgt Ion:130 Resp: 117217

Ion Ratio Lower Upper

130 100

95 87.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 48.135 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

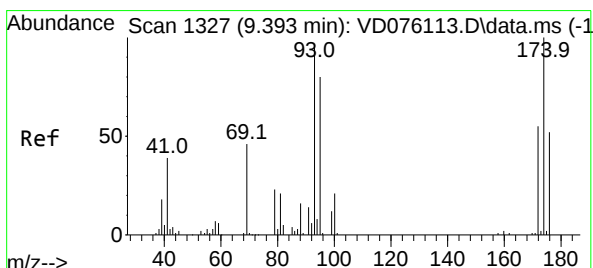
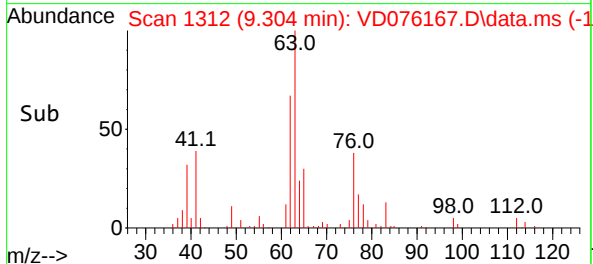
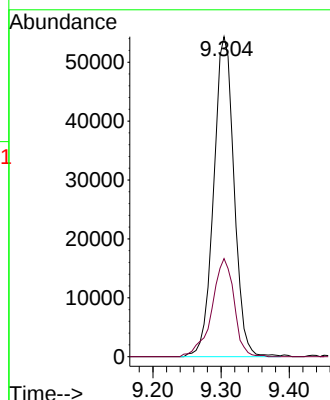
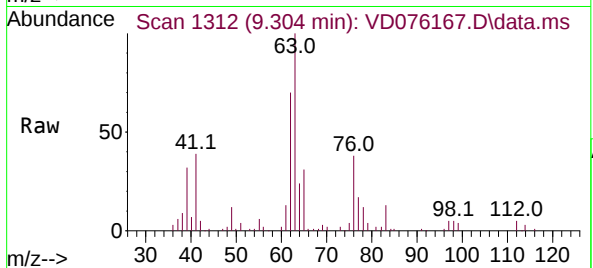
VSTDCCC050EC

Tgt Ion: 63 Resp: 112868

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.4



#46

Dibromomethane

Concen: 48.612 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

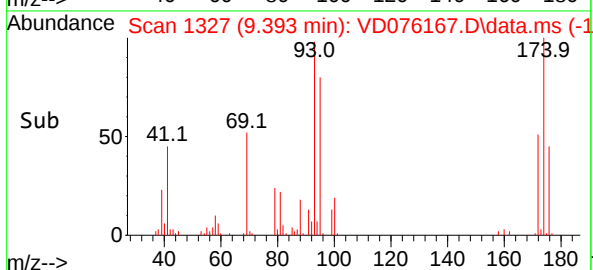
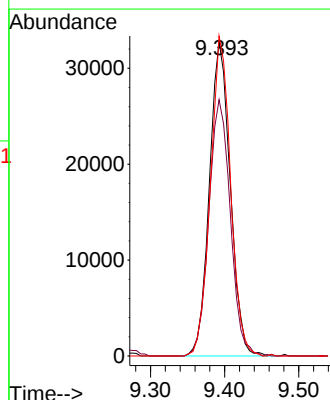
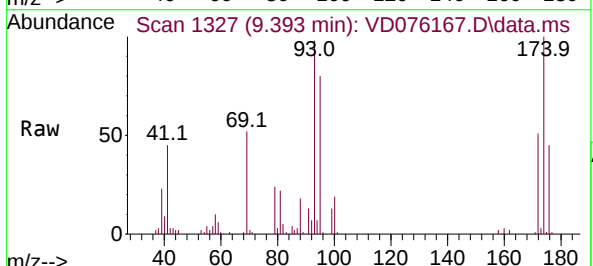
Tgt Ion: 93 Resp: 63893

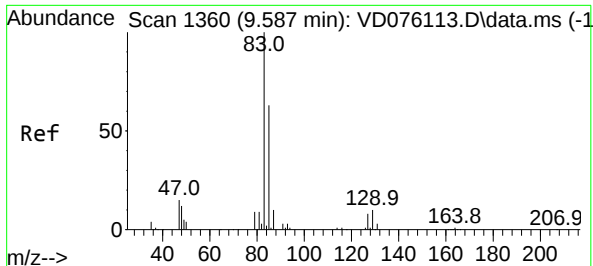
Ion Ratio Lower Upper

93 100

95 84.1 64.5 96.7

174 98.7 76.2 114.4





#47

Bromodichloromethane

Concen: 48.290 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

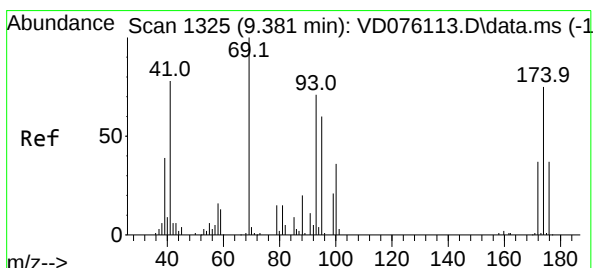
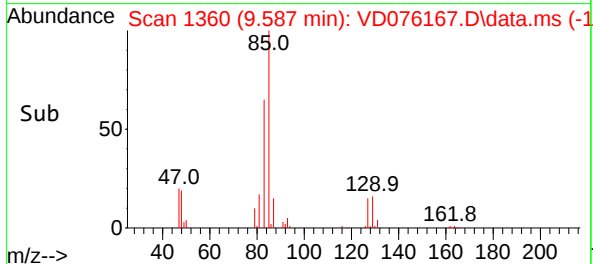
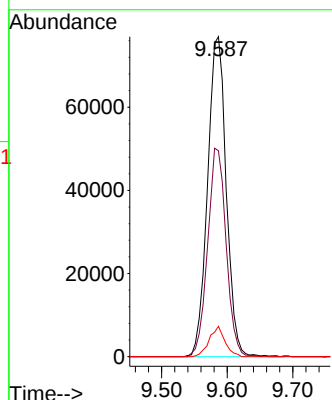
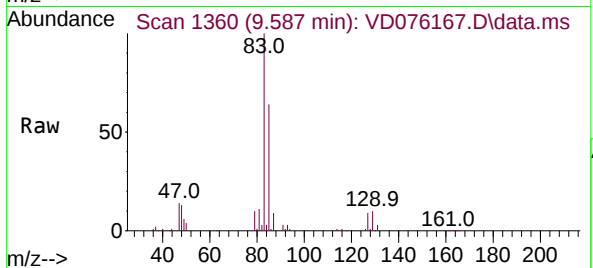
Tgt Ion: 83 Resp: 152540

Ion Ratio Lower Upper

83 100

85 64.3 53.7 80.5

127 9.5 7.0 10.6



#48

Methyl methacrylate

Concen: 54.406 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

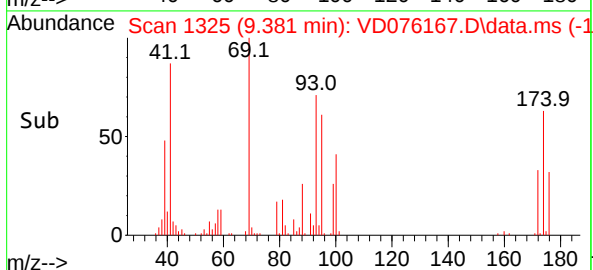
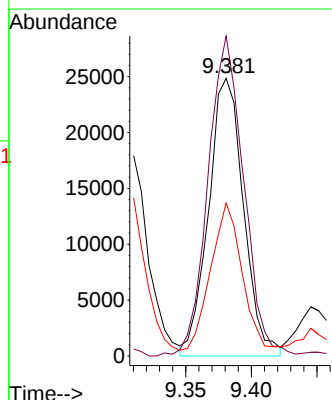
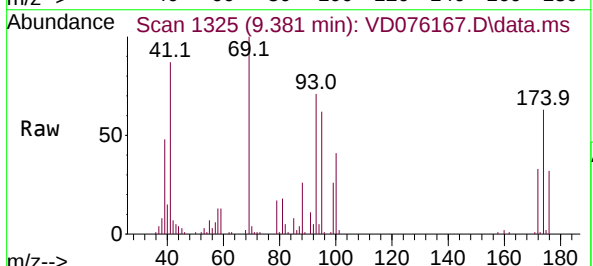
Tgt Ion: 41 Resp: 46056

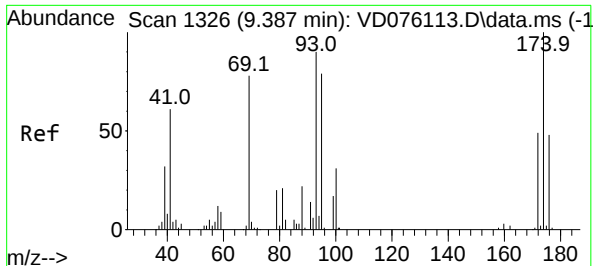
Ion Ratio Lower Upper

41 100

69 117.5 58.6 88.0#

39 52.2 53.4 80.0#





#49

1,4-Dioxane

Concen: 1123.086 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

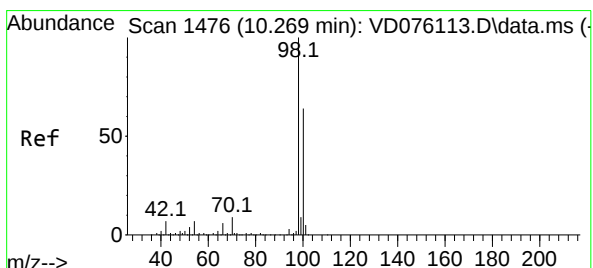
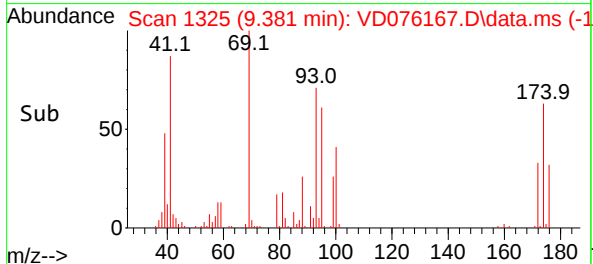
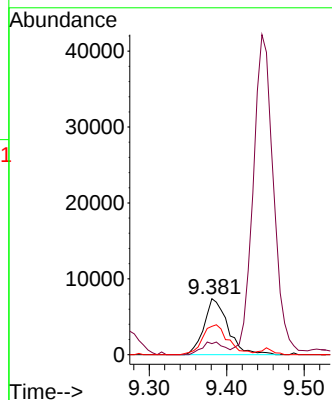
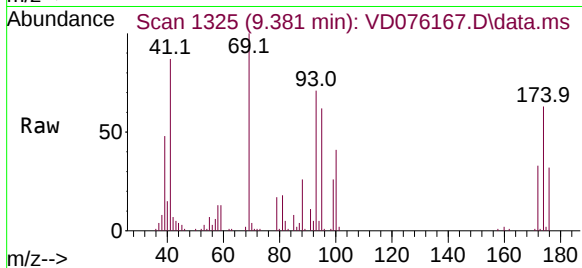
Tgt Ion: 88 Resp: 15785

Ion Ratio Lower Upper

88 100

43 20.9 34.6 51.8#

58 57.4 58.0 87.0#



#50

Toluene-d8

Concen: 47.723 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076167.D

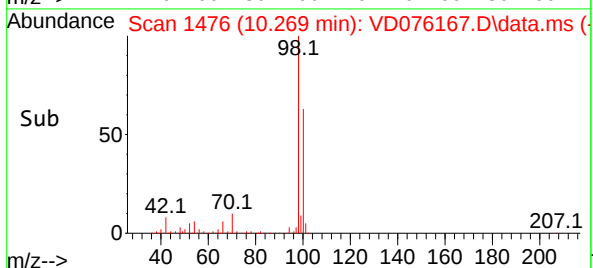
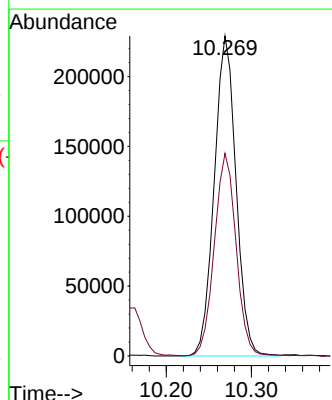
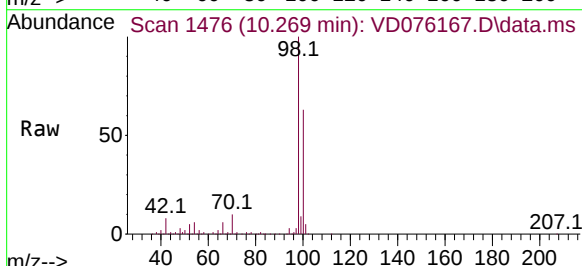
Acq: 19 May 2023 20:39

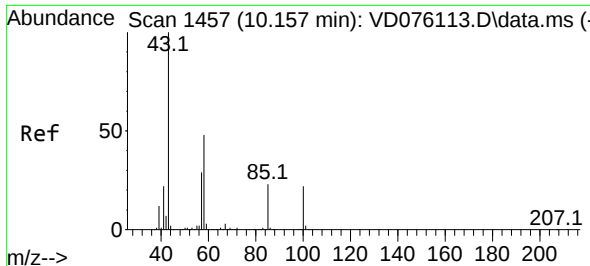
Tgt Ion: 98 Resp: 407305

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1

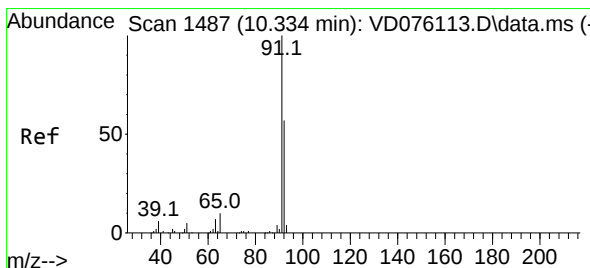
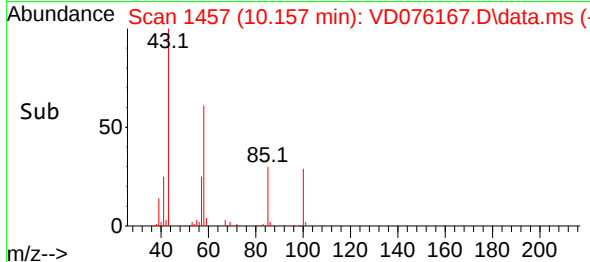
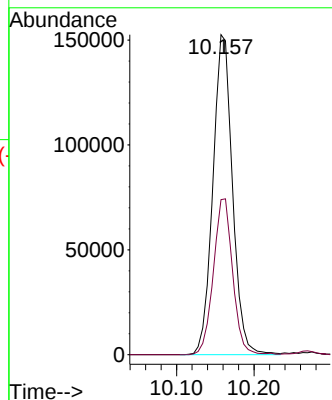
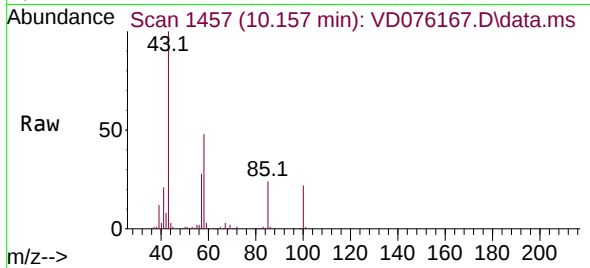




#51
4-Methyl-2-Pentanone
Concen: 263.991 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

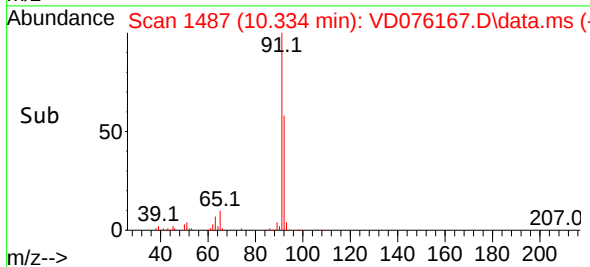
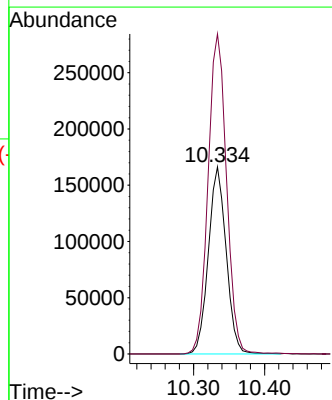
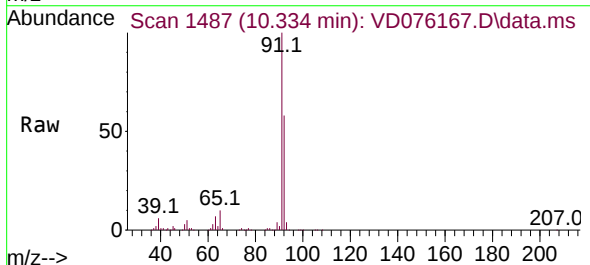
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

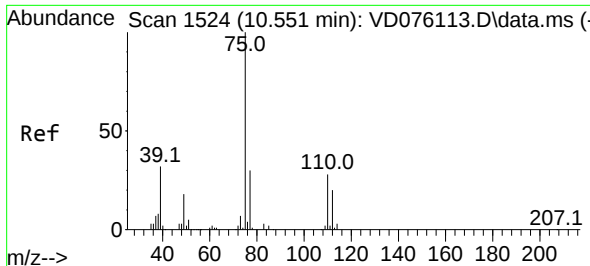
Tgt Ion: 43 Resp: 268545
Ion Ratio Lower Upper
43 100
58 47.9 29.5 44.3#



#52
Toluene
Concen: 48.845 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 92 Resp: 290008
Ion Ratio Lower Upper
92 100
91 177.5 136.5 204.7

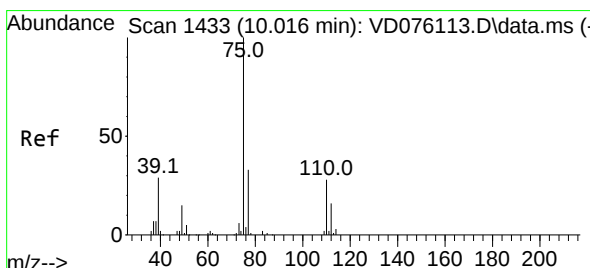
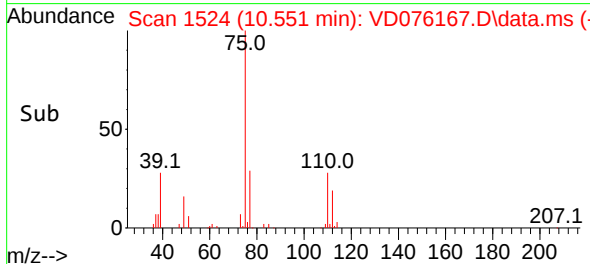
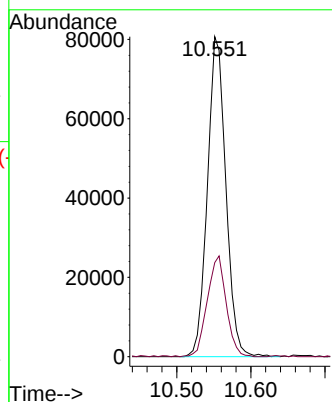
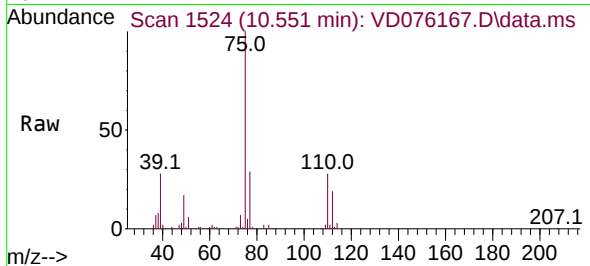




#53
t-1,3-Dichloropropene
Concen: 48.979 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

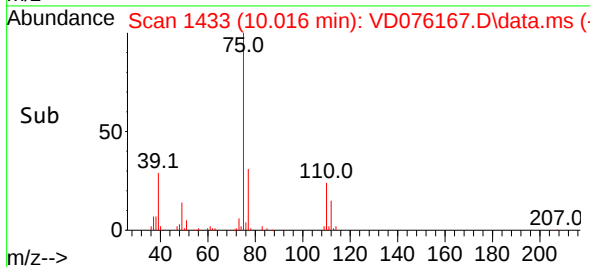
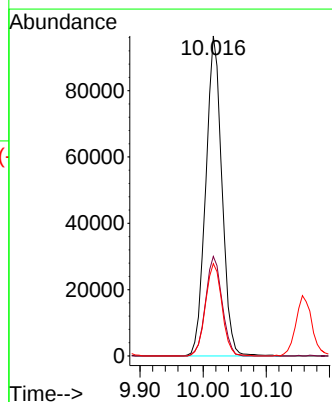
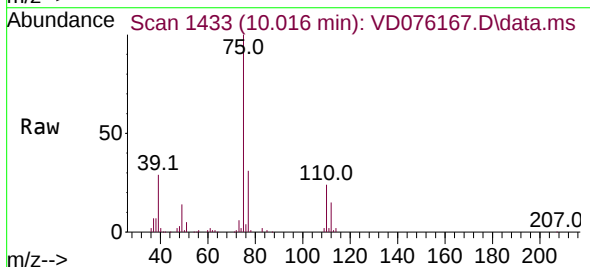
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

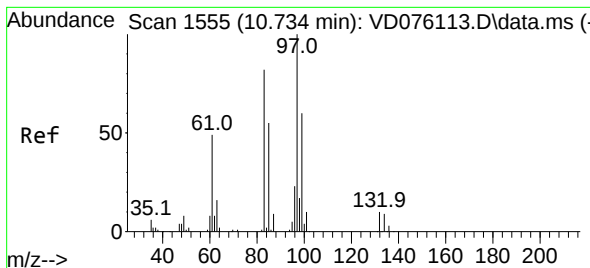
Tgt Ion: 75 Resp: 139442
Ion Ratio Lower Upper
75 100
77 29.4 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 49.284 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 75 Resp: 171231
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 28.9 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 48.911 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 92187

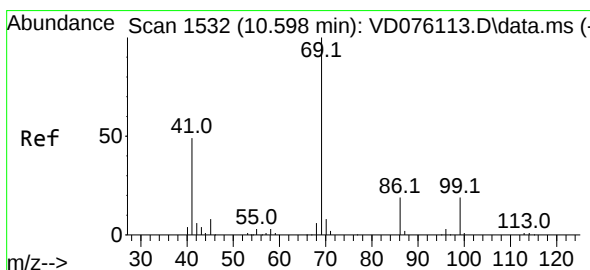
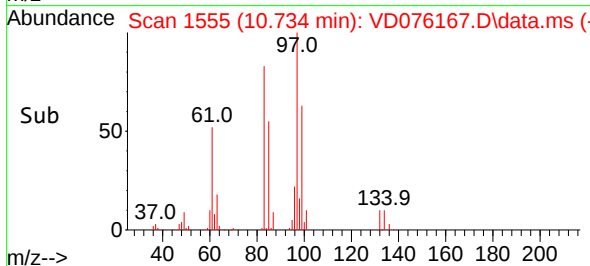
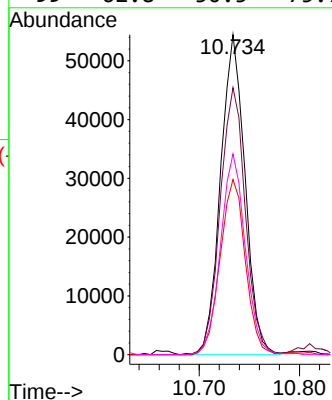
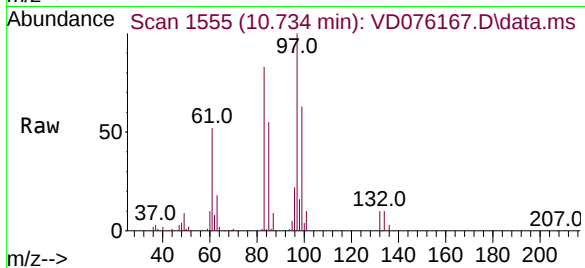
Ion Ratio Lower Upper

97 100

83 83.5 74.2 111.4

85 54.8 45.4 68.0

99 62.8 50.5 75.7



#56

Ethyl methacrylate

Concen: 54.406 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

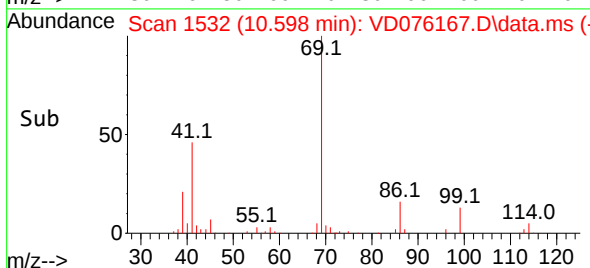
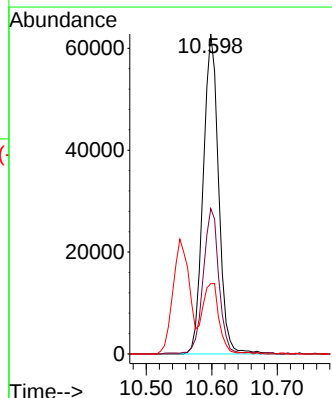
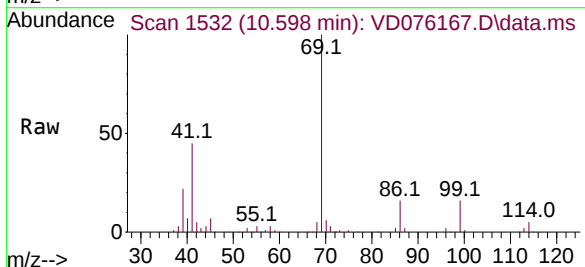
Tgt Ion: 69 Resp: 103071

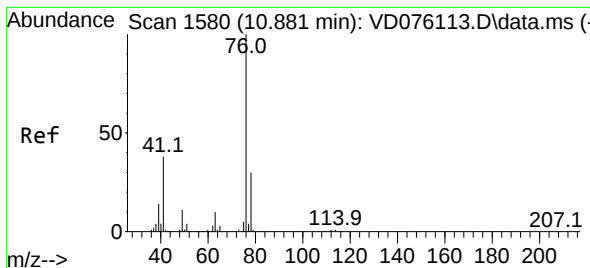
Ion Ratio Lower Upper

69 100

41 45.1 59.3 88.9#

39 23.3 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 50.301 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

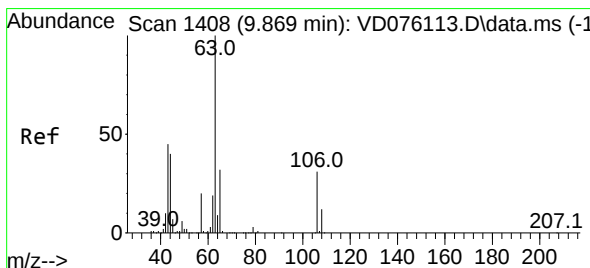
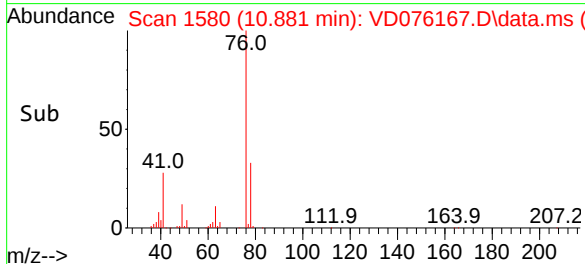
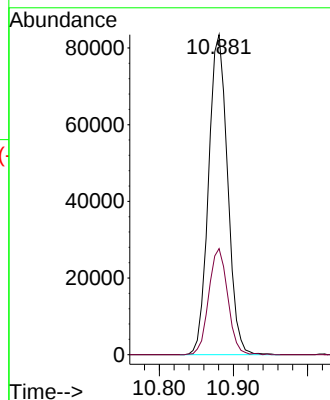
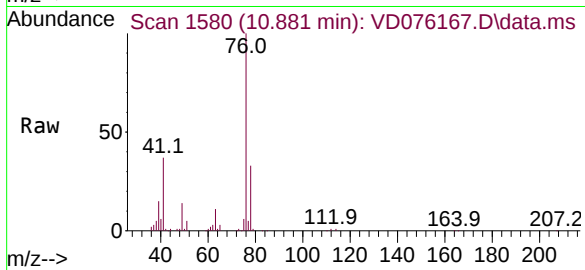
VSTDCCC050EC

Tgt Ion: 76 Resp: 148740

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 261.498 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076167.D

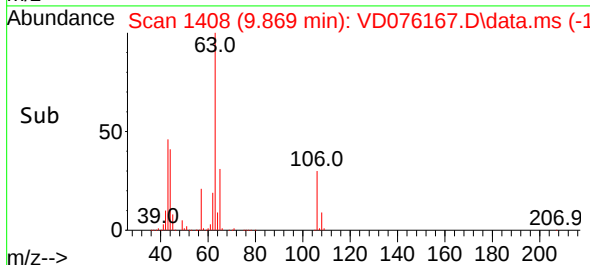
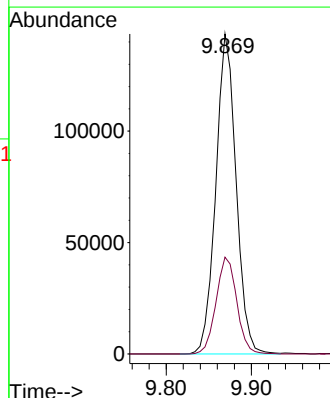
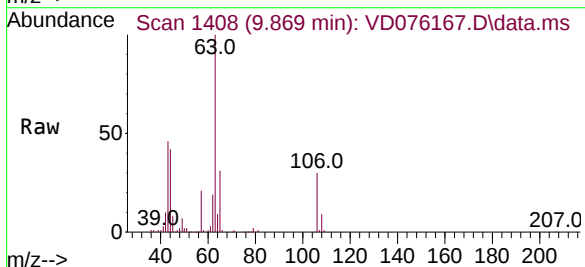
Acq: 19 May 2023 20:39

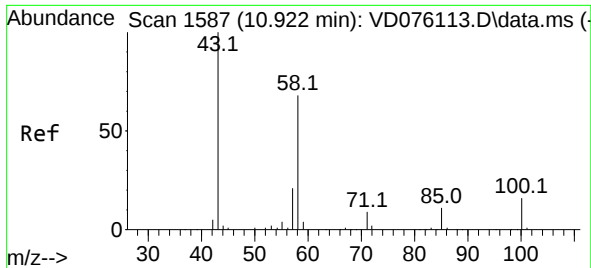
Tgt Ion: 63 Resp: 237698

Ion Ratio Lower Upper

63 100

106 30.8 21.4 32.2

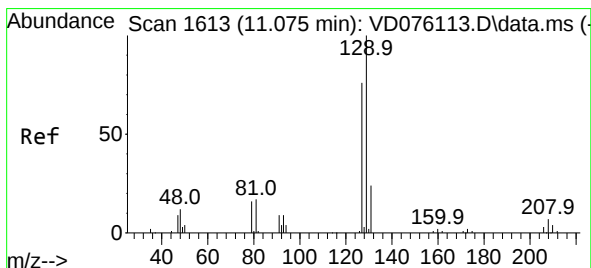
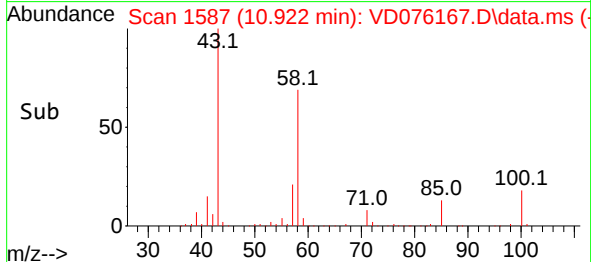
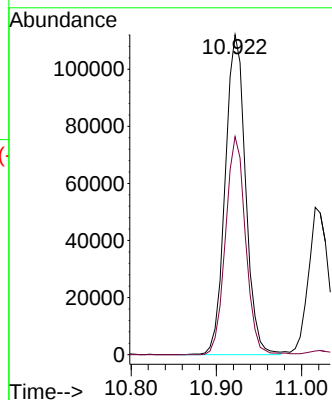
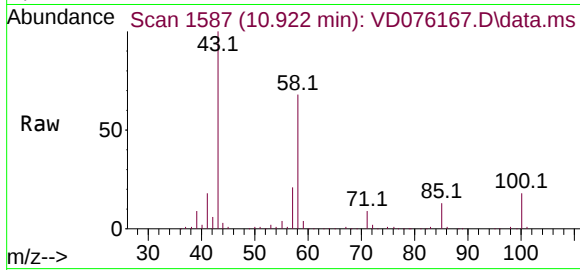




#59
2-Hexanone
Concen: 259.084 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

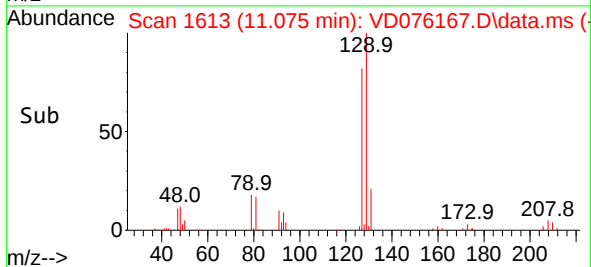
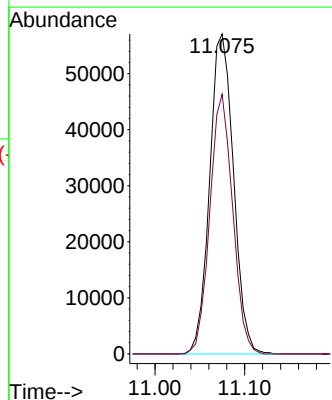
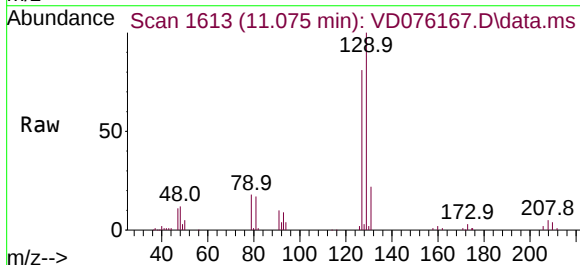
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

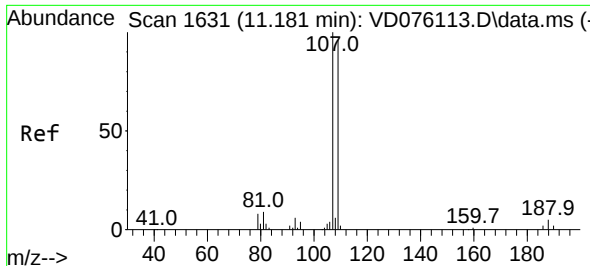
Tgt Ion: 43 Resp: 185865
Ion Ratio Lower Upper
43 100
58 67.1 25.3 75.8



#60
Dibromochloromethane
Concen: 49.782 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 129 Resp: 105503
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5

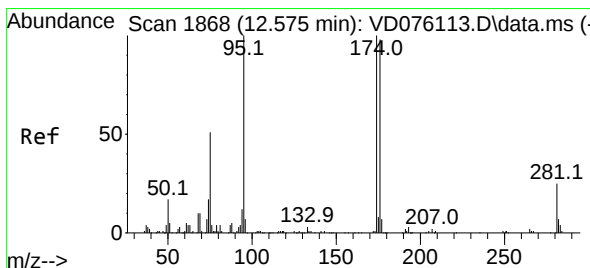
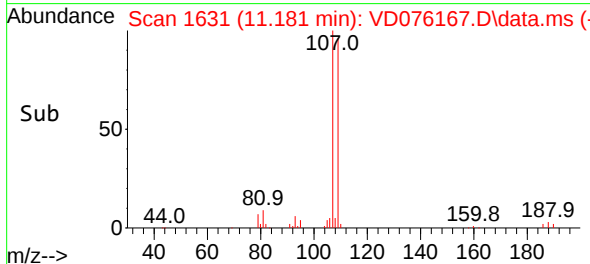
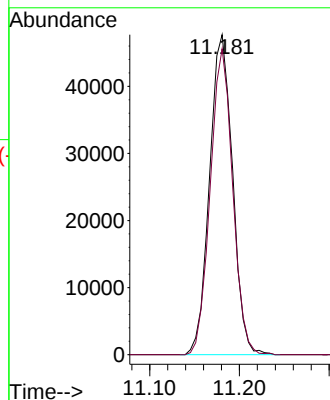
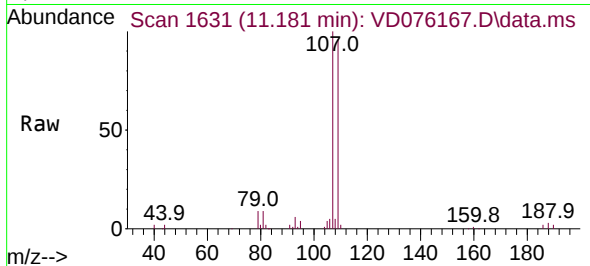




#61
1,2-Dibromoethane
Concen: 50.647 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

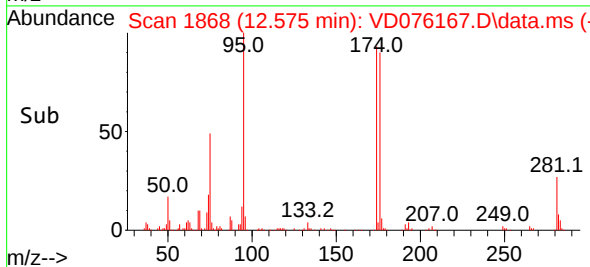
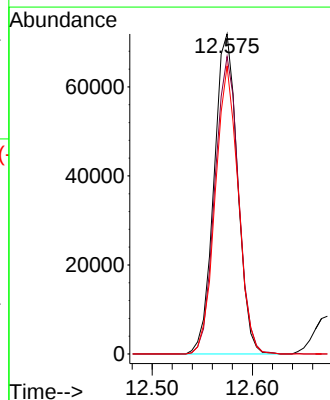
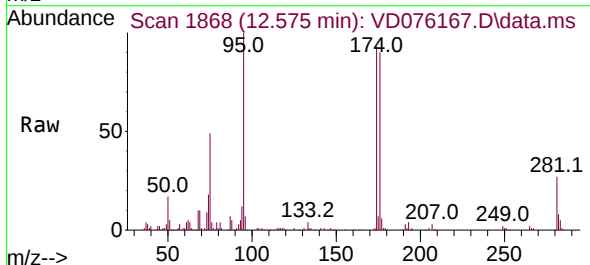
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

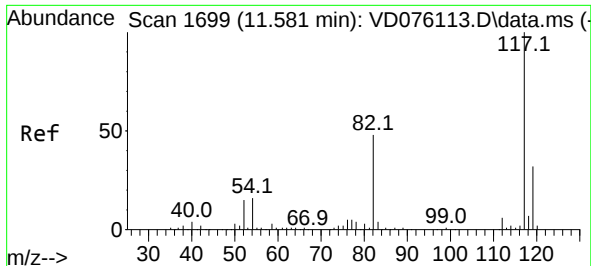
Tgt Ion:107 Resp: 84916
Ion Ratio Lower Upper
107 100
109 93.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 49.309 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 95 Resp: 116902
Ion Ratio Lower Upper
95 100
174 93.1 0.0 164.0
176 87.7 0.0 156.8

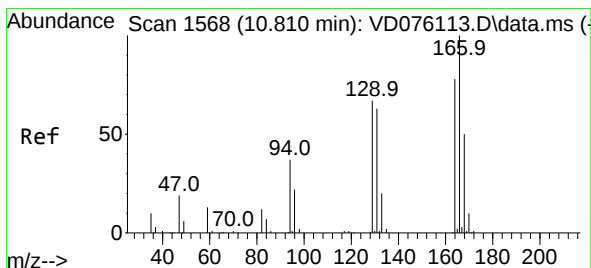
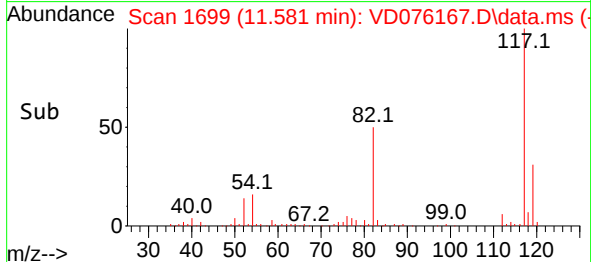
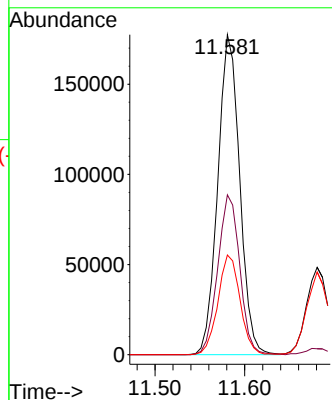
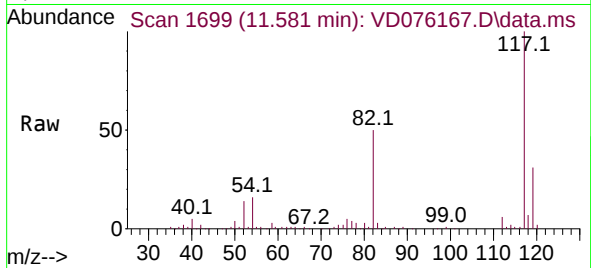




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

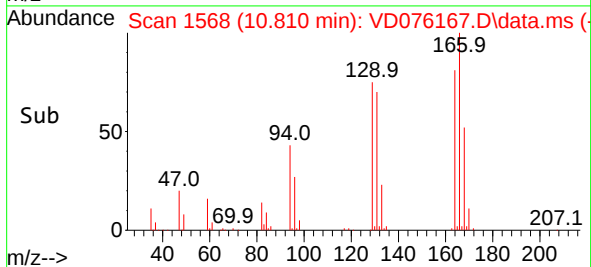
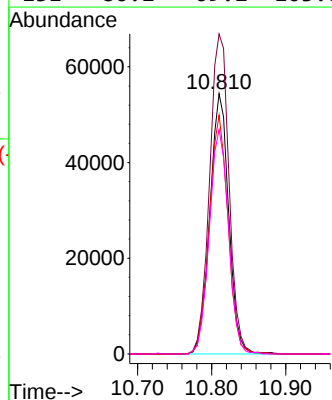
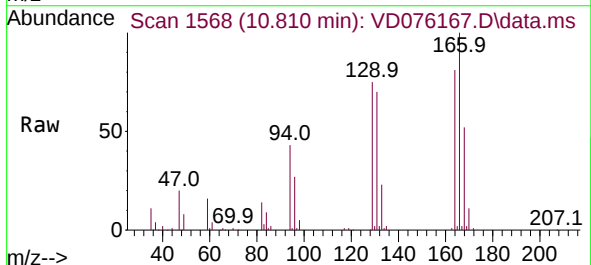
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

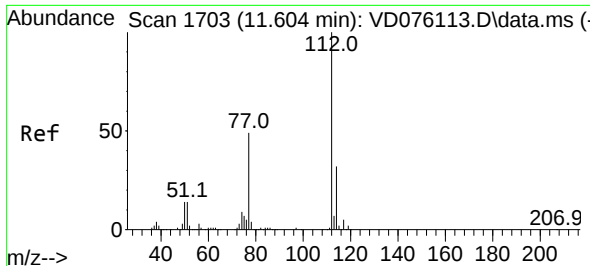
Tgt Ion:117 Resp: 301320
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 41.573 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:164 Resp: 96327
Ion Ratio Lower Upper
164 100
166 122.9 94.9 142.3
129 91.8 73.0 109.6
131 86.2 69.2 103.8

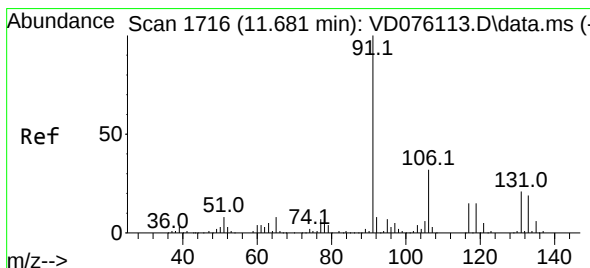
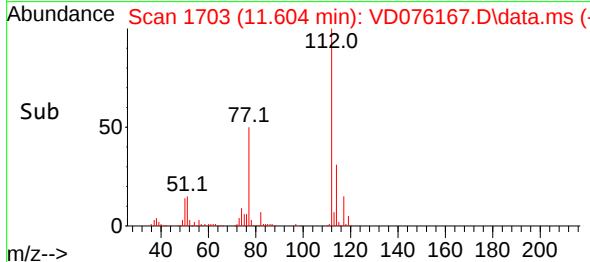
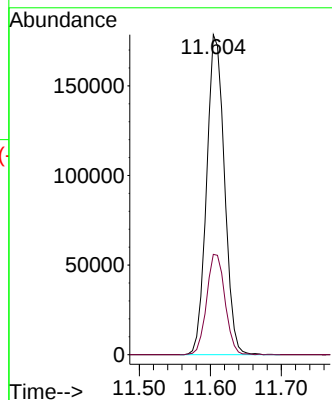
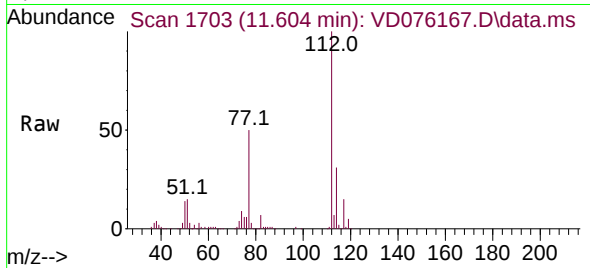




#65
Chlorobenzene
Concen: 45.431 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

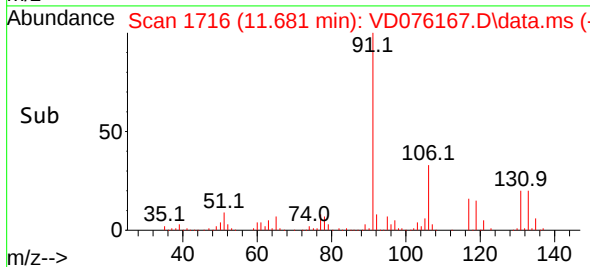
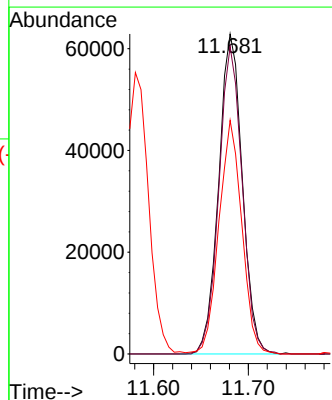
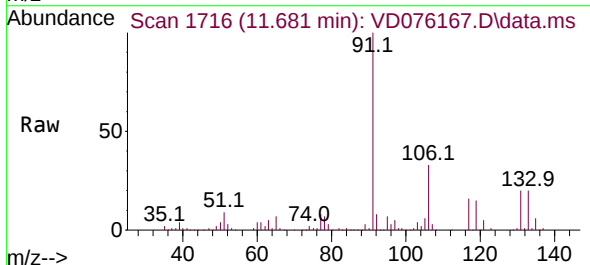
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

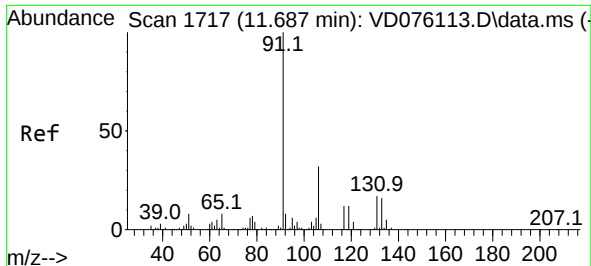
Tgt Ion:112 Resp: 311648
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.170 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:131 Resp: 108993
Ion Ratio Lower Upper
131 100
133 94.7 46.7 140.0
119 70.9 31.9 95.9

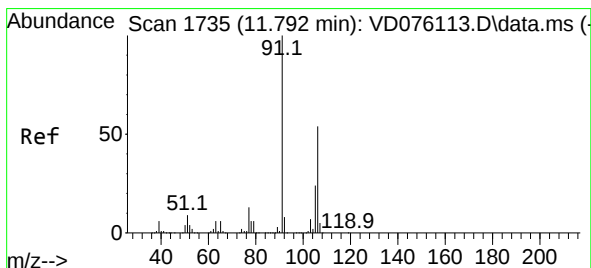
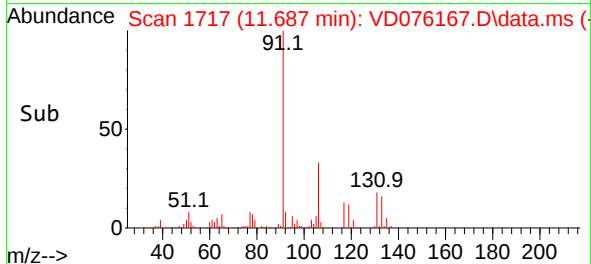
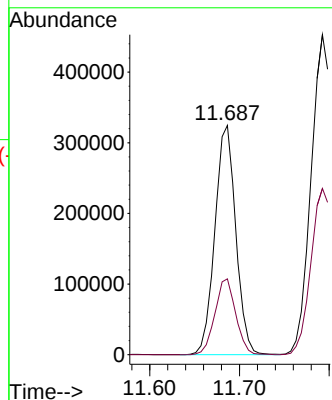
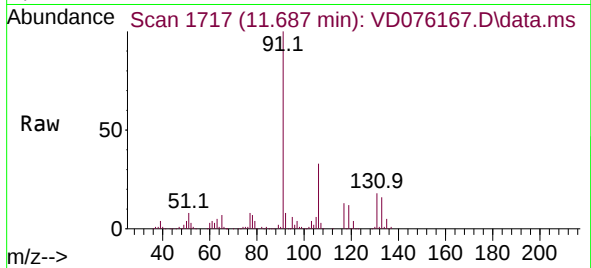




#67
Ethyl Benzene
Concen: 47.879 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

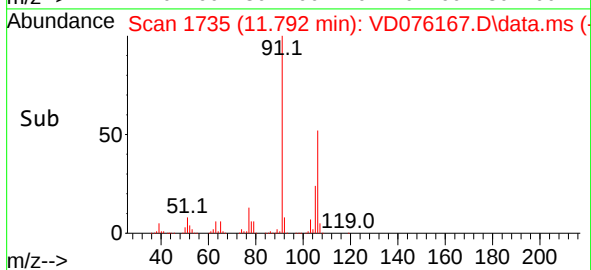
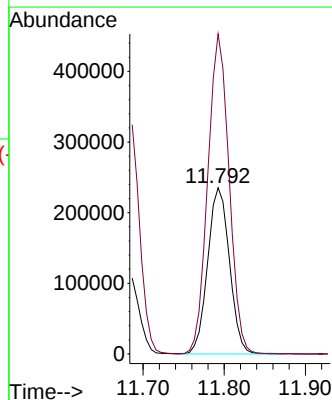
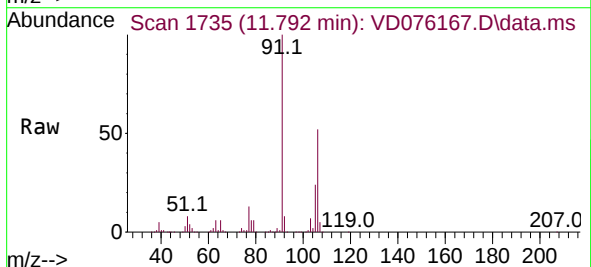
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

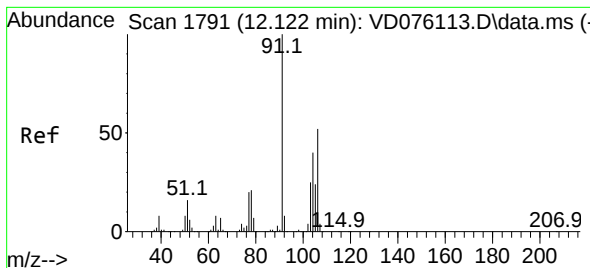
Tgt Ion: 91 Resp: 524813
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7



#68
m/p-Xylenes
Concen: 97.839 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:106 Resp: 438310
Ion Ratio Lower Upper
106 100
91 188.1 161.5 242.3

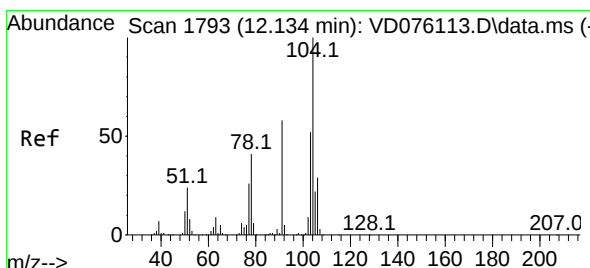
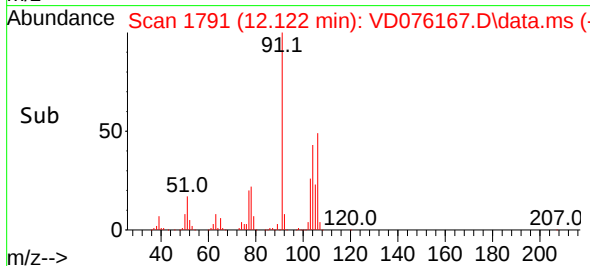
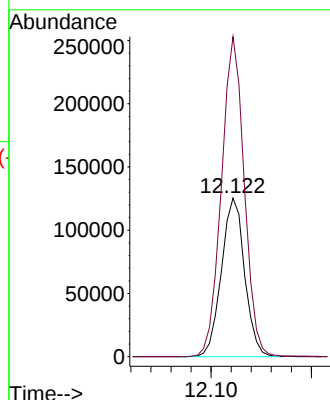
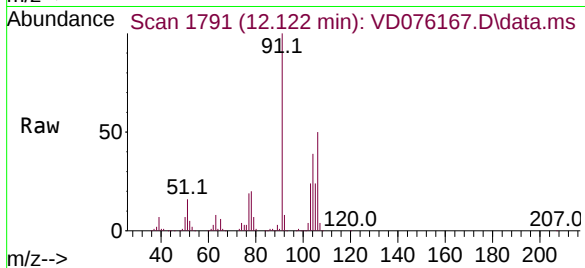




#69
o-Xylene
Concen: 49.089 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

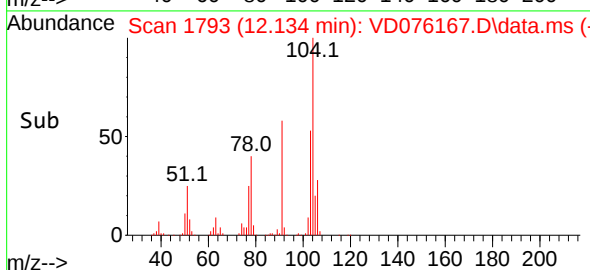
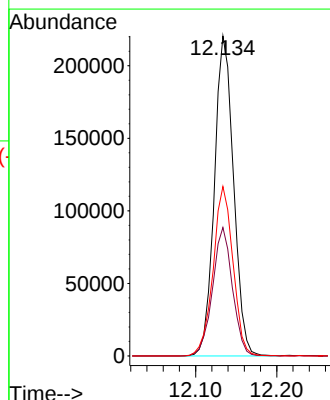
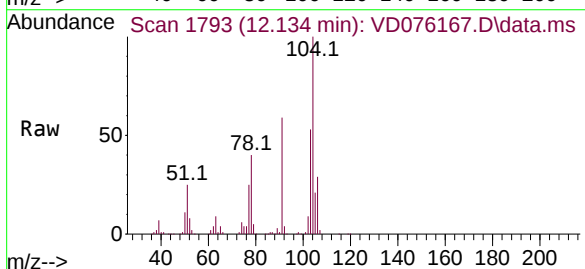
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

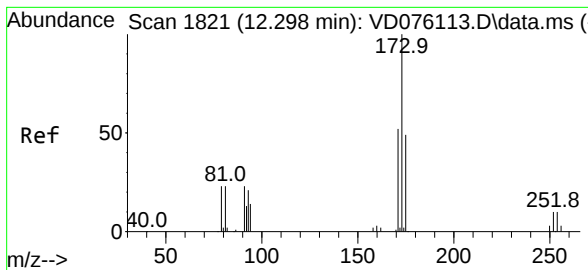
Tgt Ion:106 Resp: 200663
Ion Ratio Lower Upper
106 100
91 199.4 105.7 317.1



#70
Styrene
Concen: 51.042 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:104 Resp: 361746
Ion Ratio Lower Upper
104 100
78 41.7 40.2 60.4
103 54.9 44.2 66.2

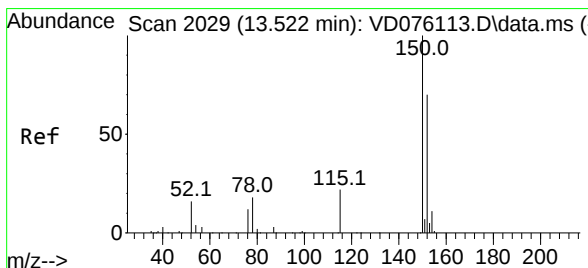
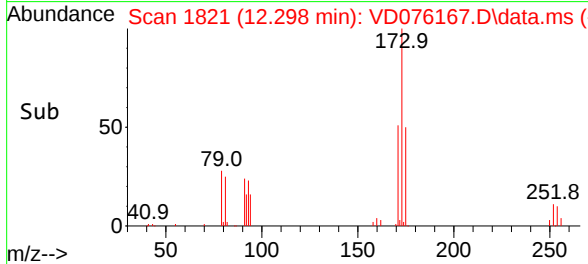
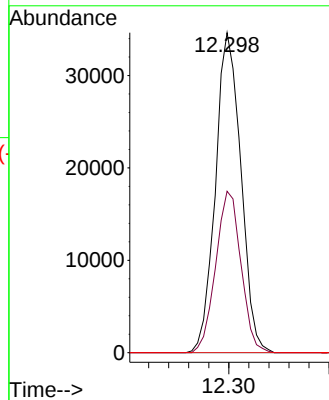
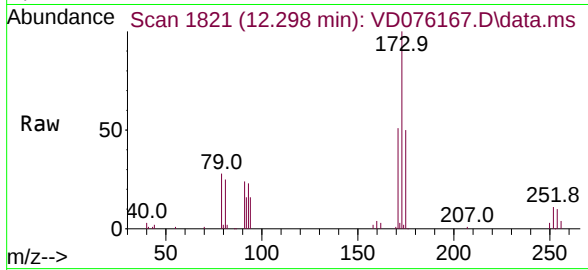




#71
Bromoform
Concen: 45.914 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

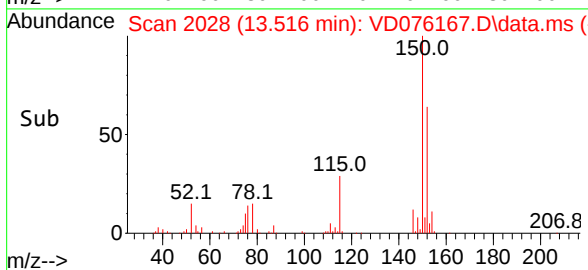
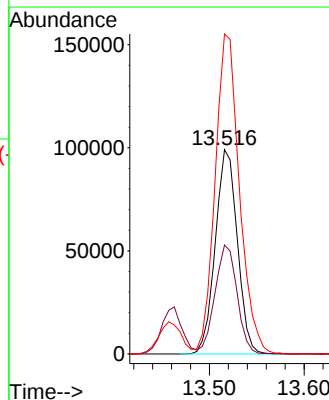
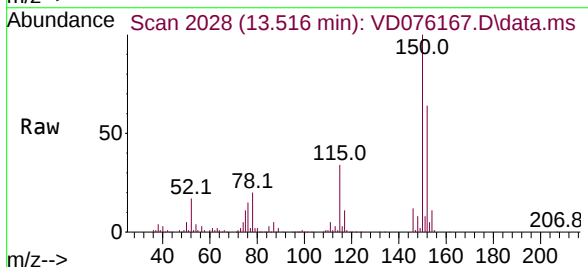
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

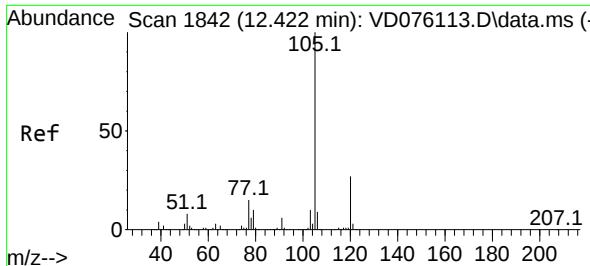
Tgt Ion:173 Resp: 60968
Ion Ratio Lower Upper
173 100
175 50.1 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:152 Resp: 160264
Ion Ratio Lower Upper
152 100
115 53.5 30.1 90.3
150 173.1 0.0 364.8

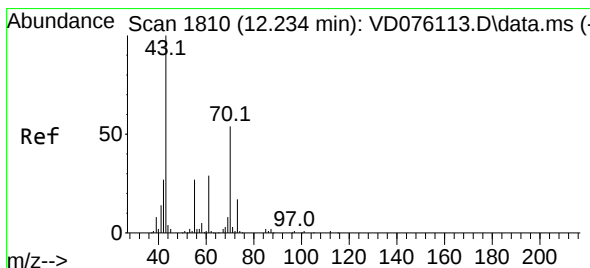
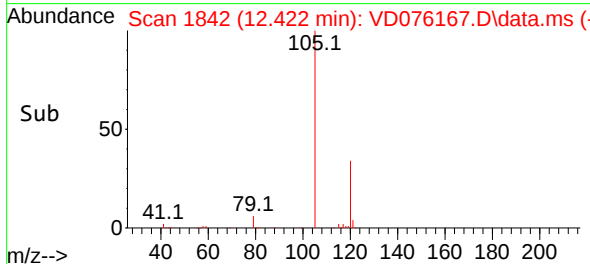
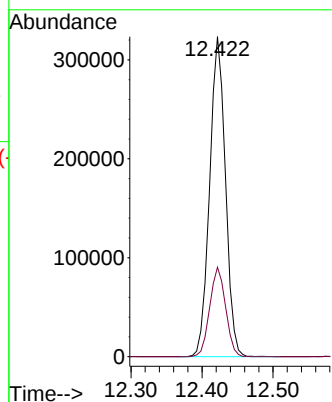
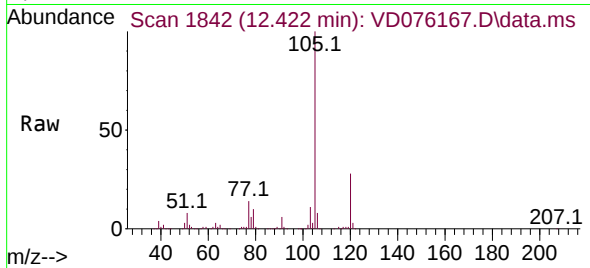




#73
Isopropylbenzene
Concen: 47.127 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

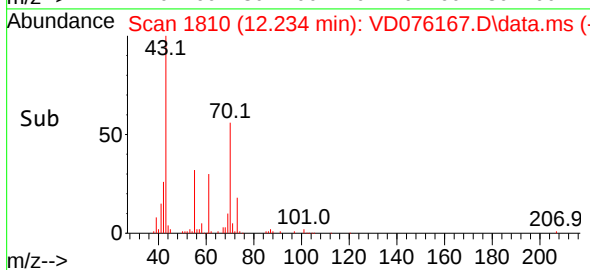
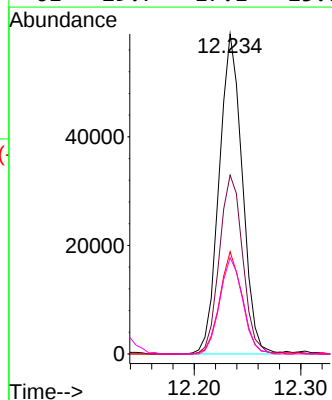
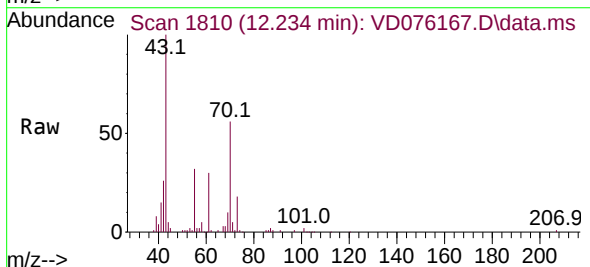
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

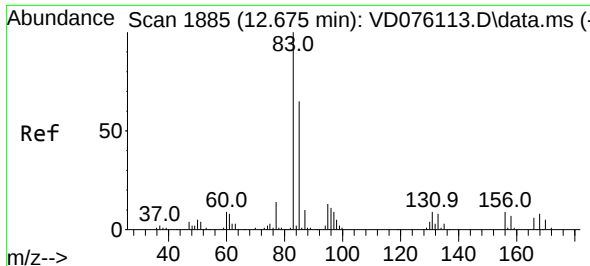
Tgt Ion:105 Resp: 499630
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#74
N-ethyl acetate
Concen: 47.067 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 43 Resp: 88880
Ion Ratio Lower Upper
43 100
70 56.4 31.0 46.4#
55 31.2 18.6 28.0#
61 29.7 17.1 25.7#

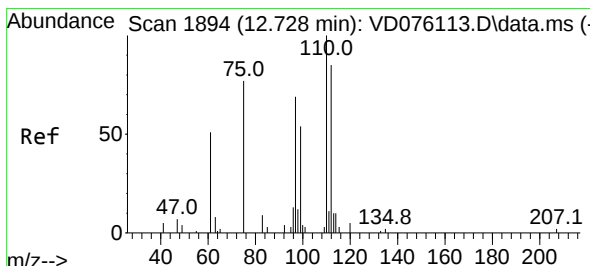
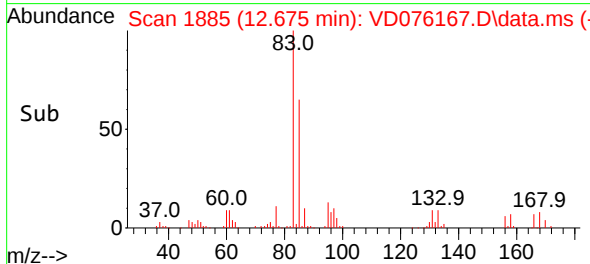
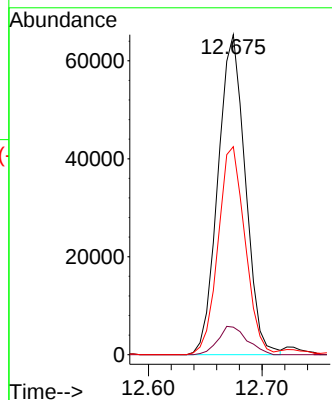
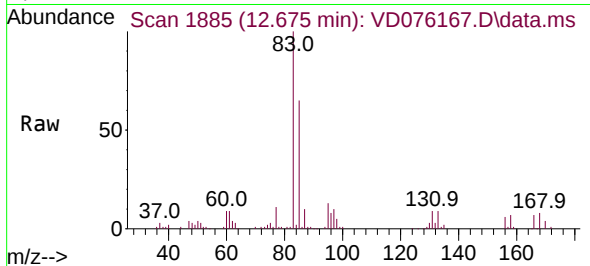




#75
1,1,2,2-Tetrachloroethane
Concen: 47.972 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

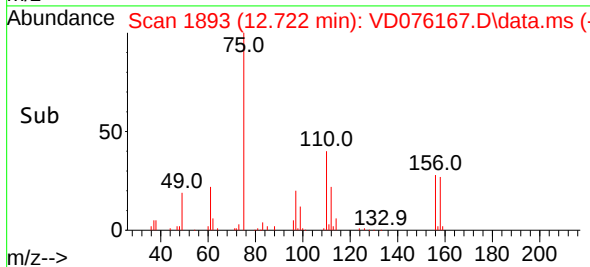
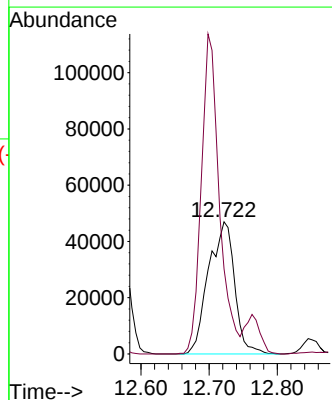
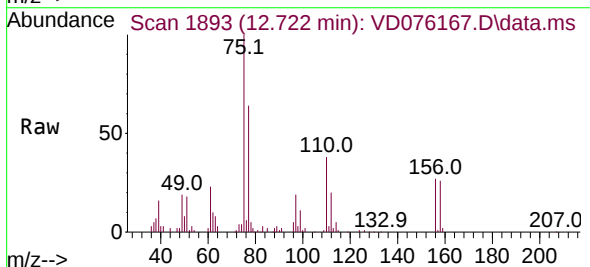
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

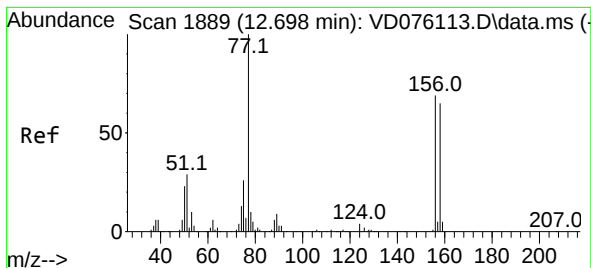
Tgt Ion: 83 Resp: 109307
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.2
85 64.0 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 89.112 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 75 Resp: 124974
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

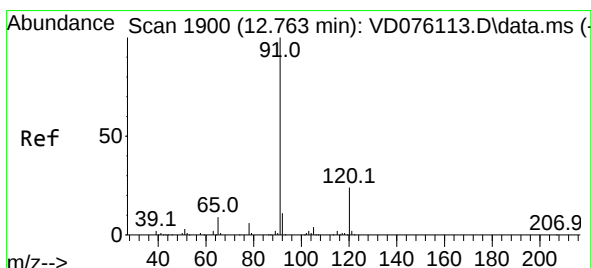
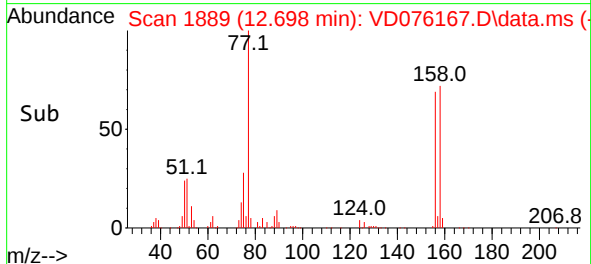
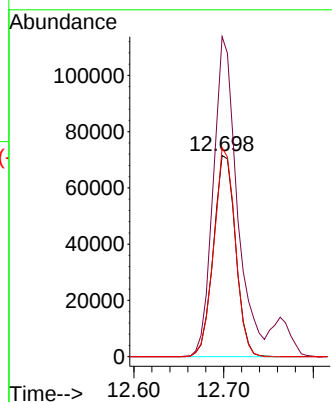
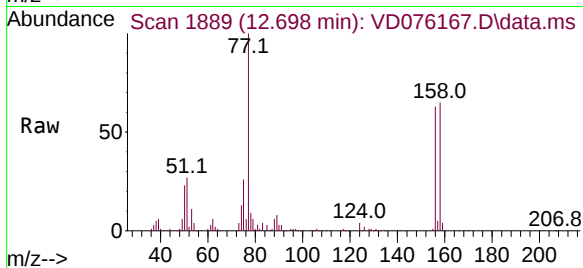




#77
Bromobenzene
Concen: 43.257 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

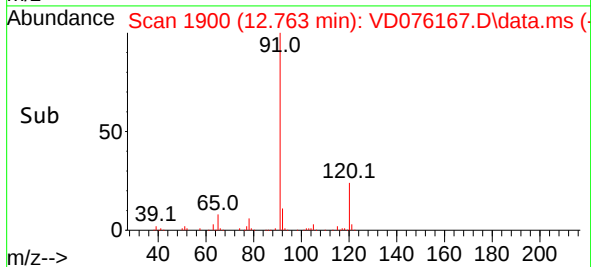
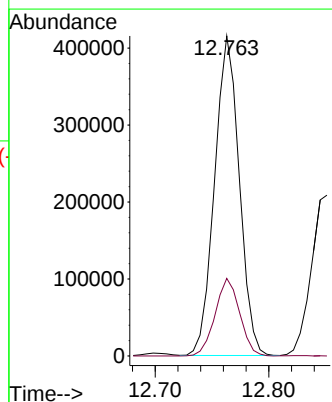
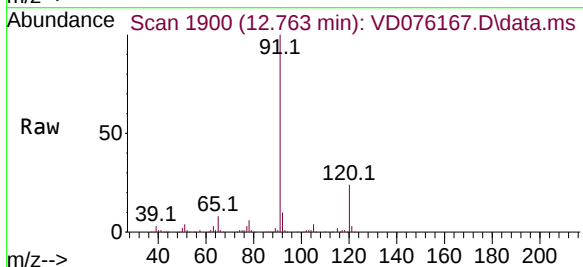
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

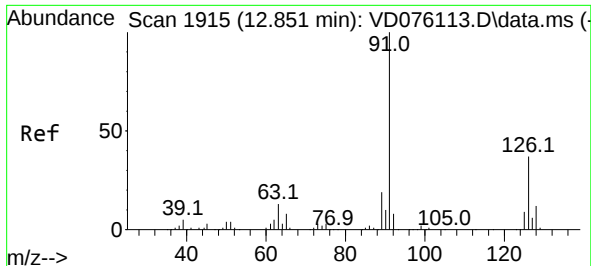
Tgt Ion:	156	Resp:	122917
Ion	Ratio	Lower	Upper
156	100		
77	170.9	89.5	268.6
158	100.4	47.8	143.4



#78
n-propylbenzene
Concen: 47.491 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:	91	Resp:	626692
Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.4	34.2

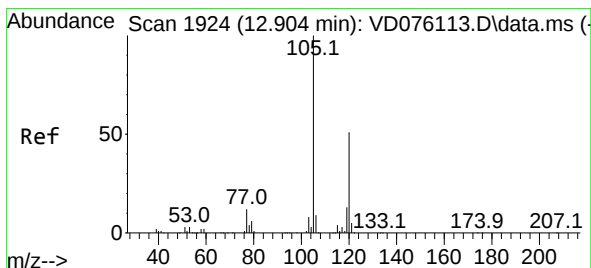
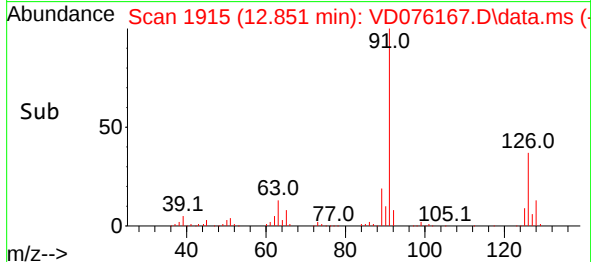
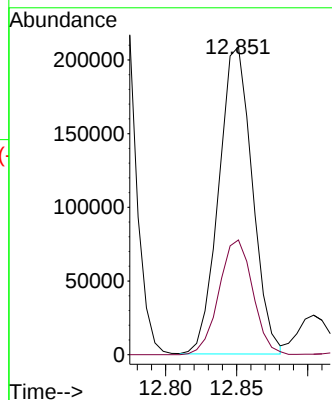
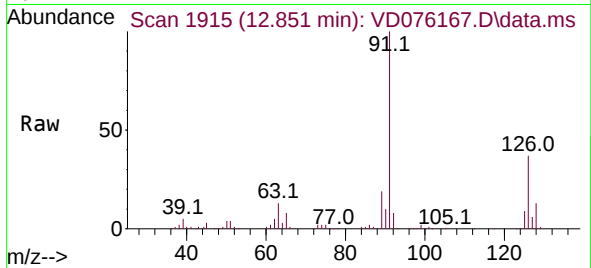




#79
2-Chlorotoluene
Concen: 46.915 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

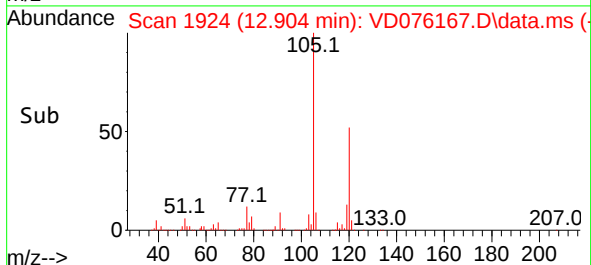
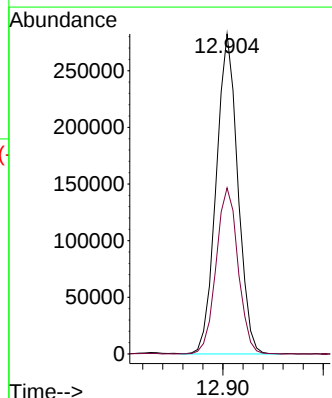
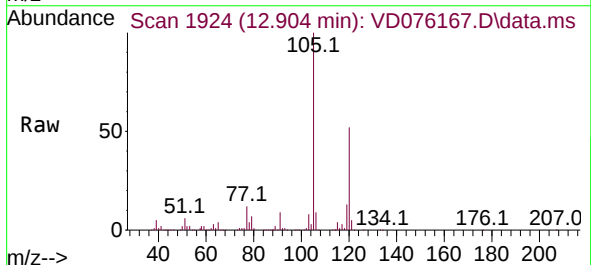
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

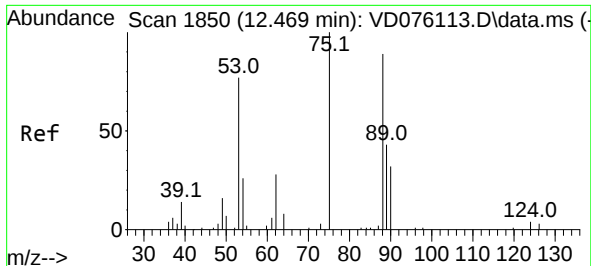
Tgt Ion: 91 Resp: 342639
Ion Ratio Lower Upper
91 100
126 37.7 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 48.074 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 105 Resp: 422510
Ion Ratio Lower Upper
105 100
120 52.6 24.3 72.8

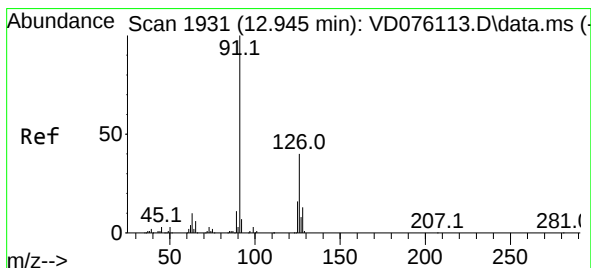
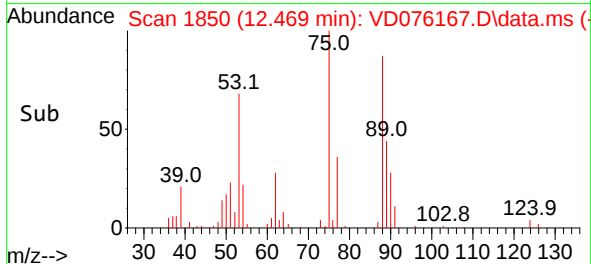
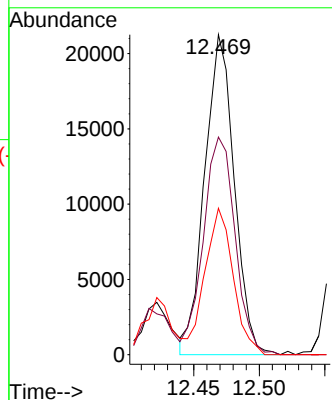
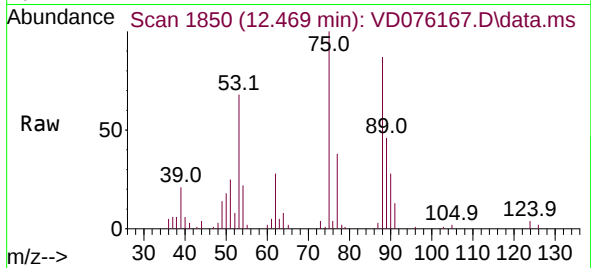




#81
trans-1,4-Dichloro-2-butene
Concen: 49.856 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

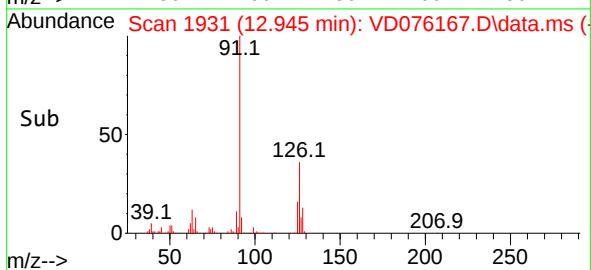
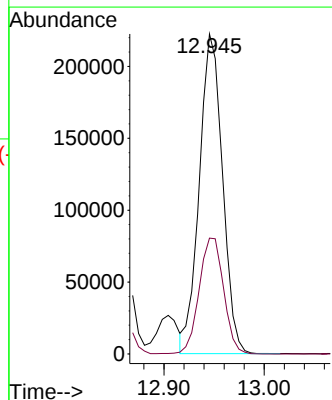
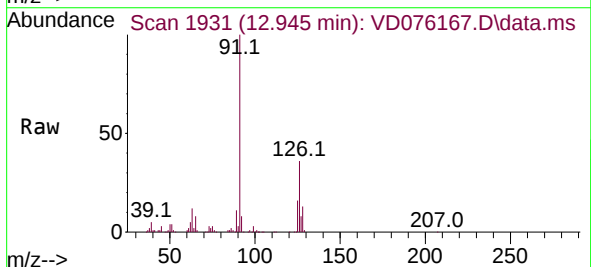
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

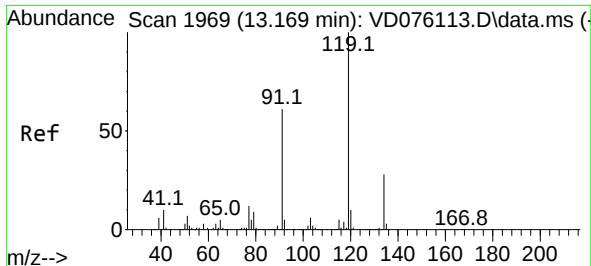
Tgt Ion: 75 Resp: 33330
Ion Ratio Lower Upper
75 100
53 73.2 90.5 135.7#
89 43.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 46.084 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 91 Resp: 357997
Ion Ratio Lower Upper
91 100
126 38.3 17.1 51.2

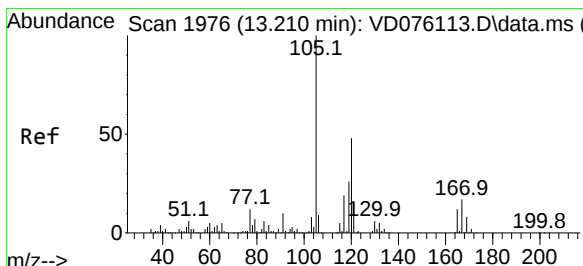
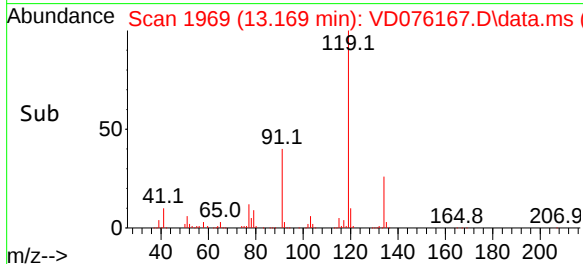
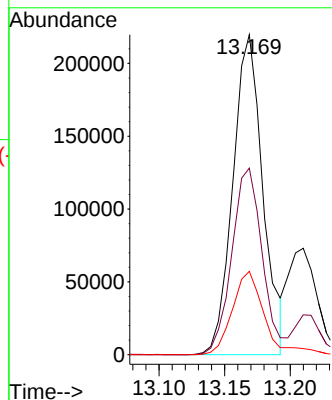
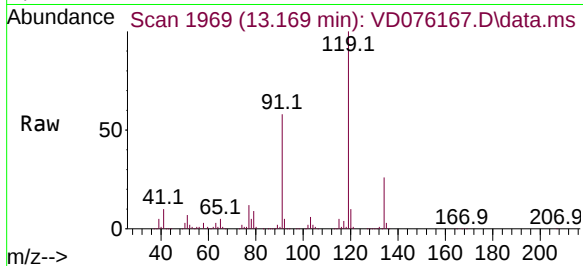




#83
tert-Butylbenzene
Concen: 47.127 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

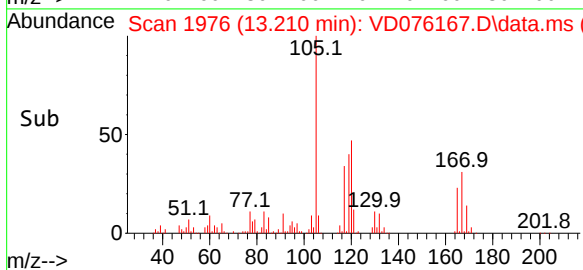
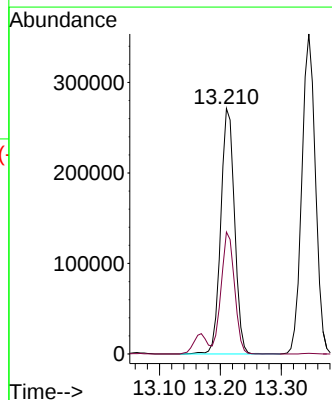
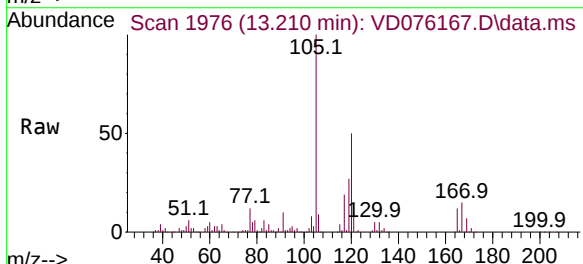
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

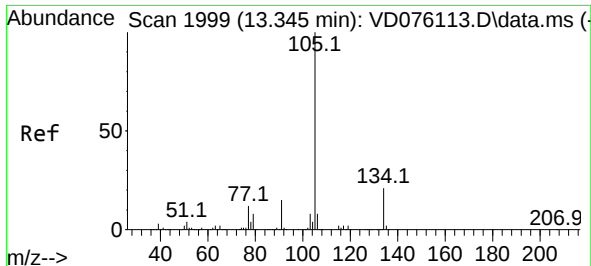
Tgt Ion:119 Resp: 350032
Ion Ratio Lower Upper
119 100
91 59.8 32.4 97.0
134 27.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.613 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion:105 Resp: 425491
Ion Ratio Lower Upper
105 100
120 48.1 22.3 66.9

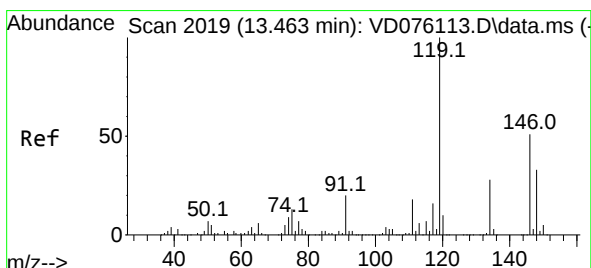
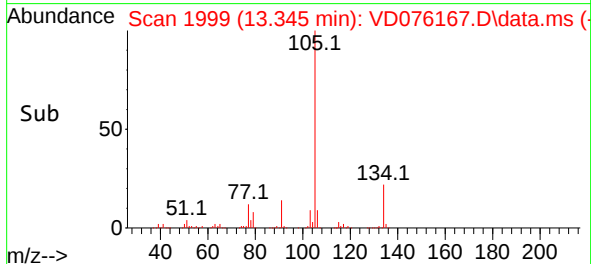
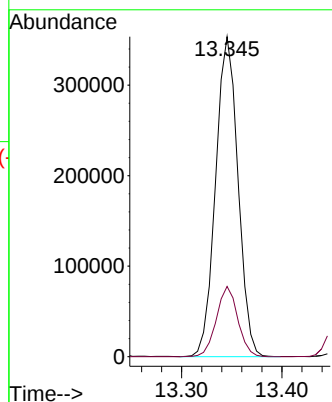
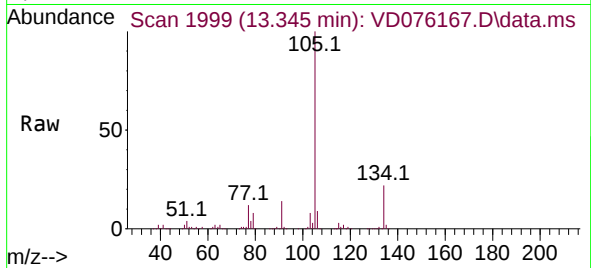




#85
 sec-Butylbenzene
 Concen: 47.245 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

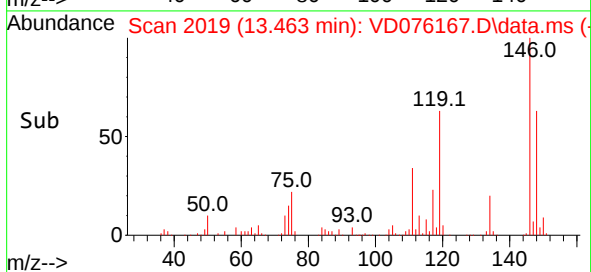
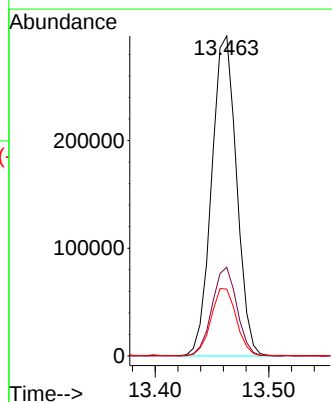
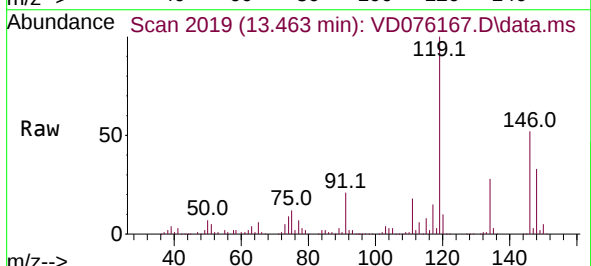
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

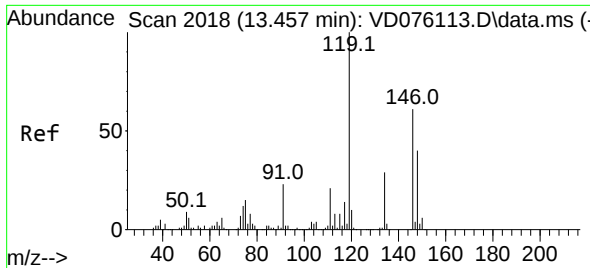
Tgt Ion:105 Resp: 546879
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.835 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion:119 Resp: 453076
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.3
 91 21.8 12.4 37.4

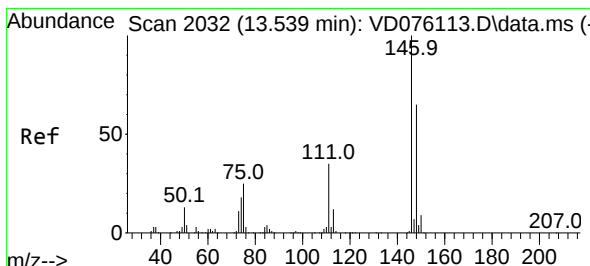
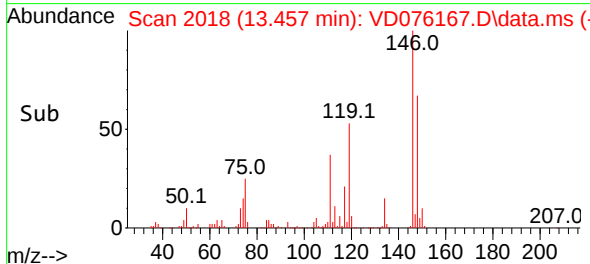
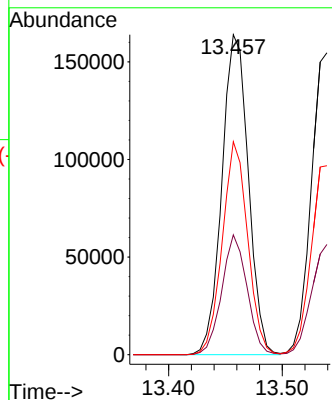
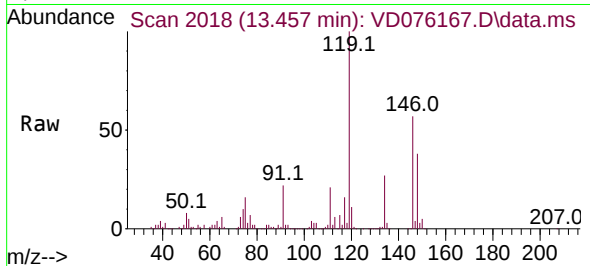




#87
 1,3-Dichlorobenzene
 Concen: 46.202 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

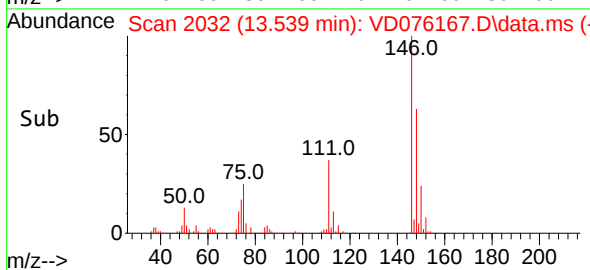
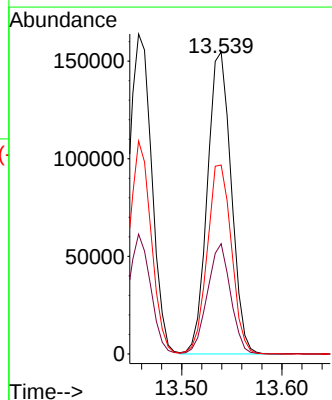
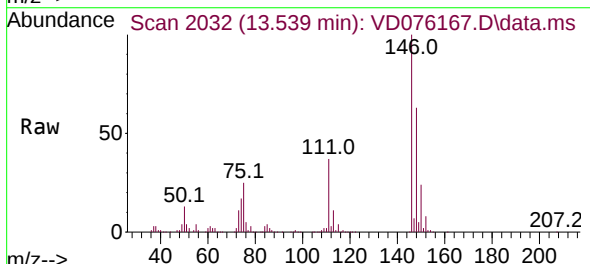
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

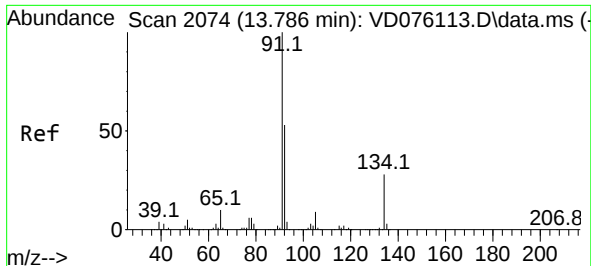
Tgt Ion:146 Resp: 265445
 Ion Ratio Lower Upper
 146 100
 111 35.8 19.8 59.3
 148 63.8 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 45.071 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion:146 Resp: 256401
 Ion Ratio Lower Upper
 146 100
 111 35.5 19.6 58.8
 148 63.6 31.7 95.1

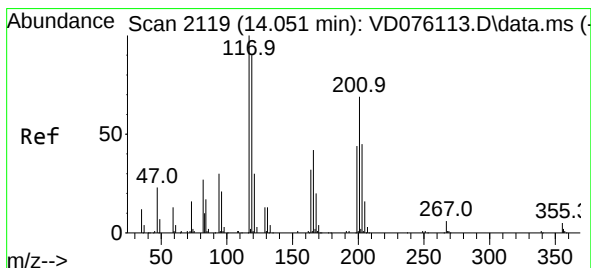
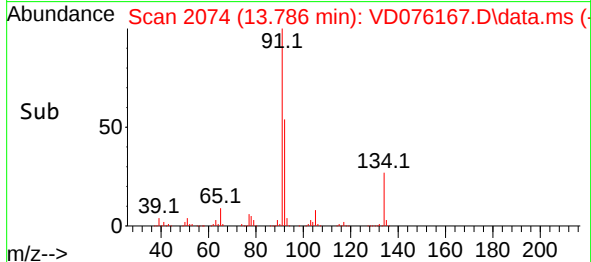
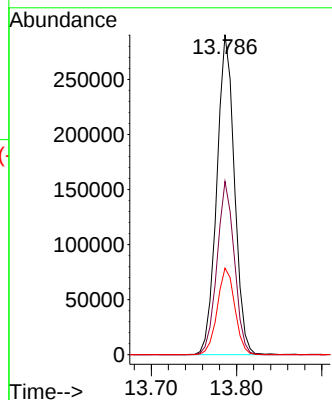
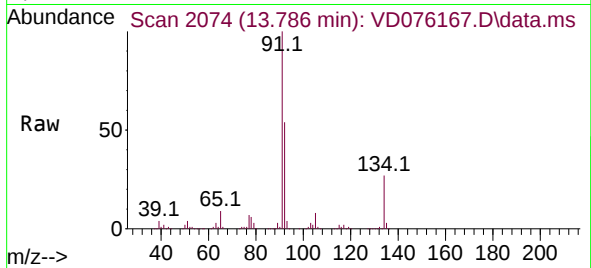




#89
n-Butylbenzene
Concen: 46.781 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

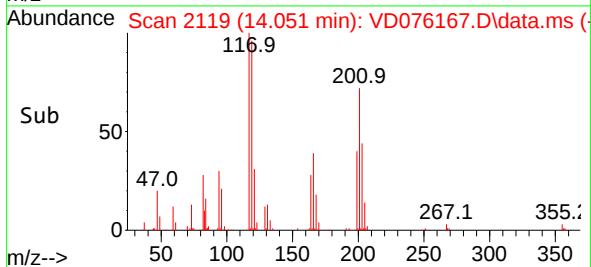
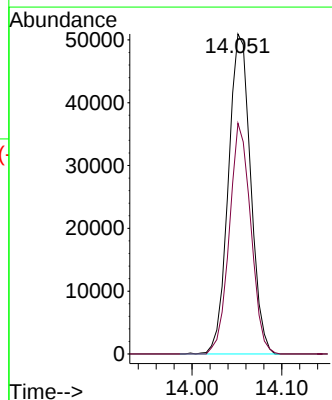
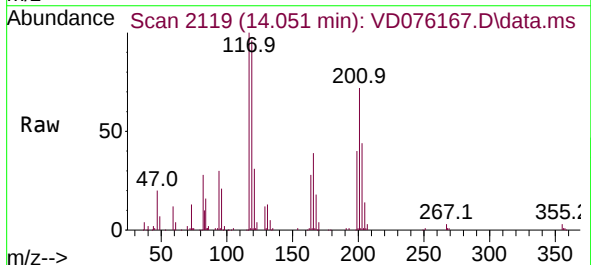
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

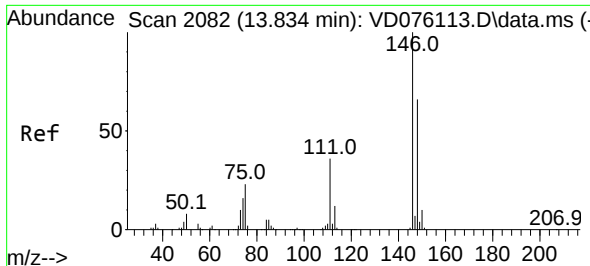
Tgt Ion: 91 Resp: 417562
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 26.9 12.7 38.0



#90
Hexachloroethane
Concen: 45.030 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 117 Resp: 87729
Ion Ratio Lower Upper
117 100
201 69.4 34.5 103.6

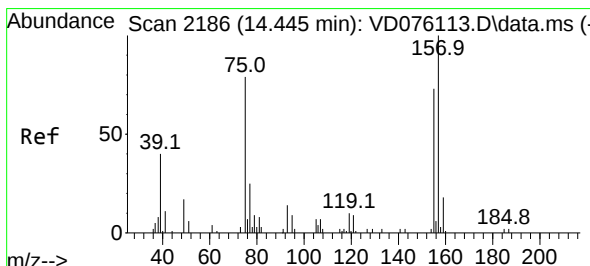
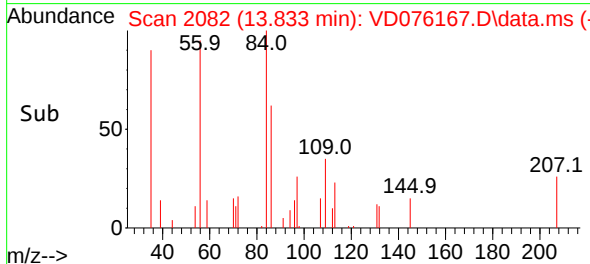
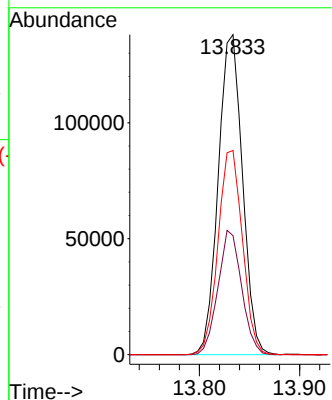
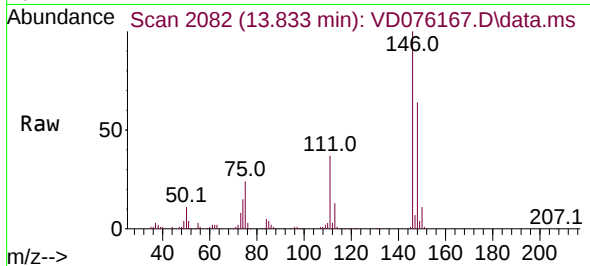




#91
1,2-Dichlorobenzene
Concen: 45.995 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

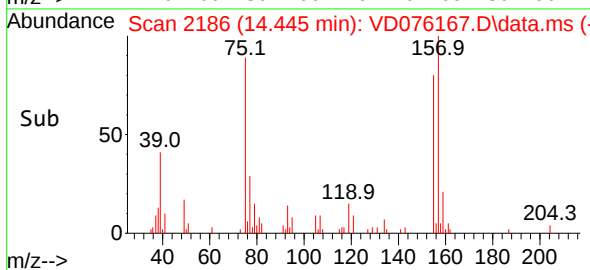
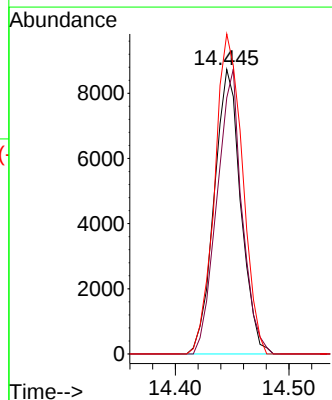
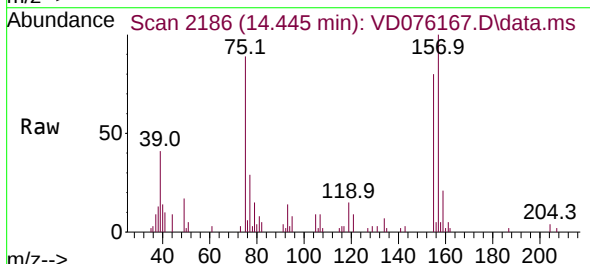
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

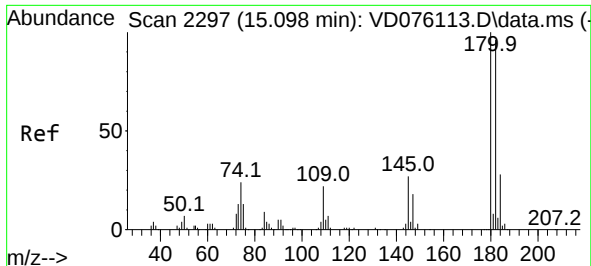
Tgt Ion:146 Resp: 231899
Ion Ratio Lower Upper
146 100
111 37.8 20.6 61.8
148 64.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.176 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076167.D
Acq: 19 May 2023 20:39

Tgt Ion: 75 Resp: 14253
Ion Ratio Lower Upper
75 100
155 93.8 39.5 118.5
157 117.2 53.5 160.7

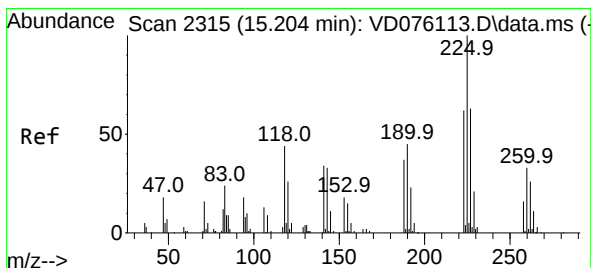
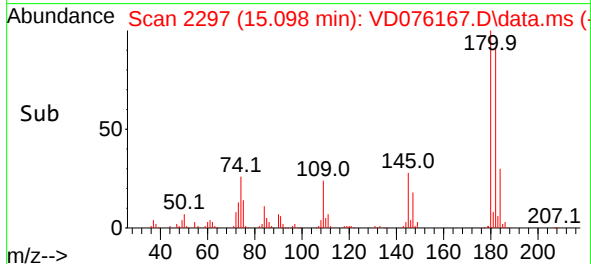
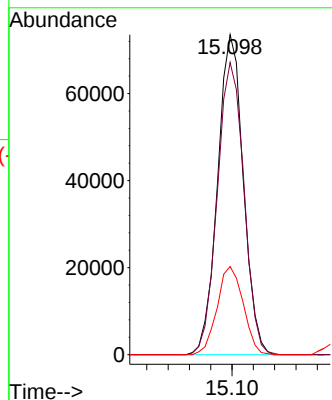
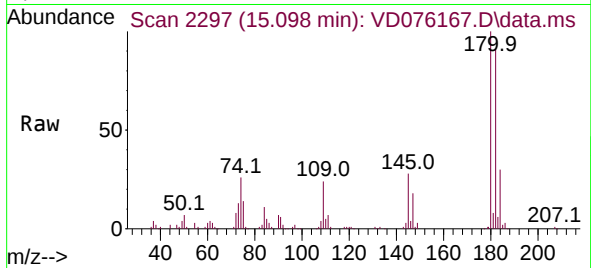




#93
 1,2,4-Trichlorobenzene
 Concen: 41.928 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

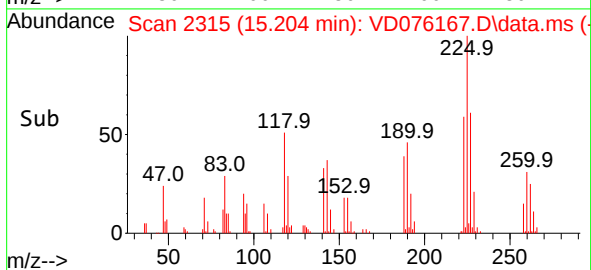
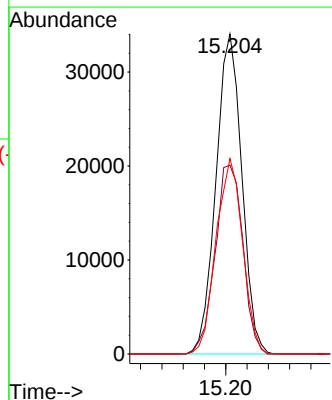
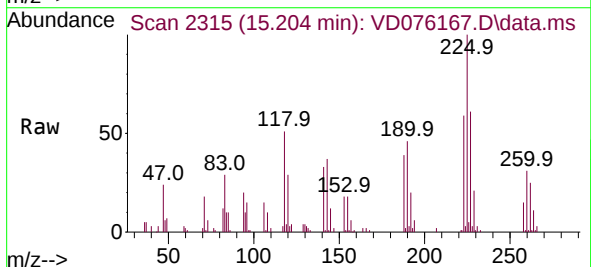
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

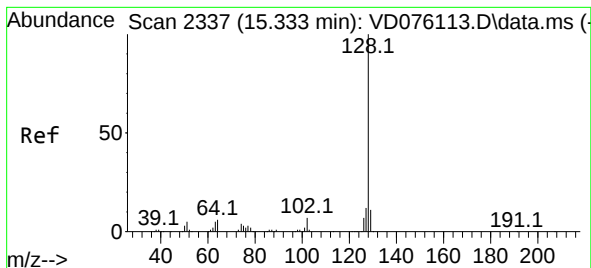
Tgt Ion:180 Resp: 122964
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.7
 145 28.0 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 38.394 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD076167.D
 Acq: 19 May 2023 20:39

Tgt Ion:225 Resp: 57412
 Ion Ratio Lower Upper
 225 100
 223 63.1 33.1 99.2
 227 62.6 31.9 95.9





#95

Naphthalene

Concen: 48.361 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

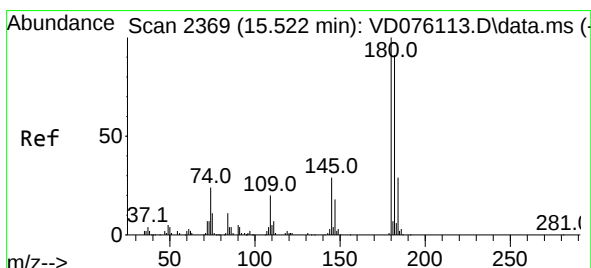
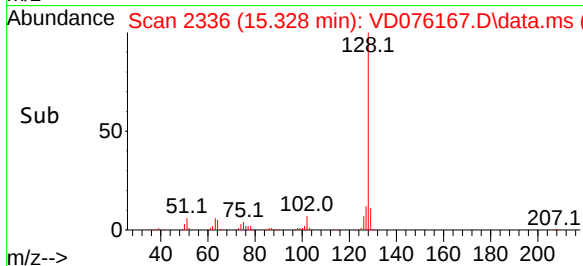
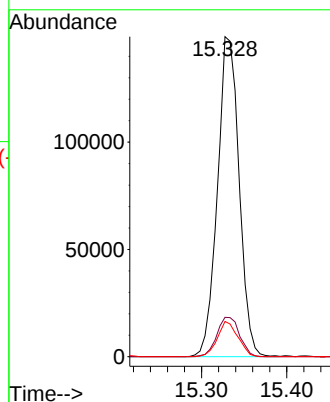
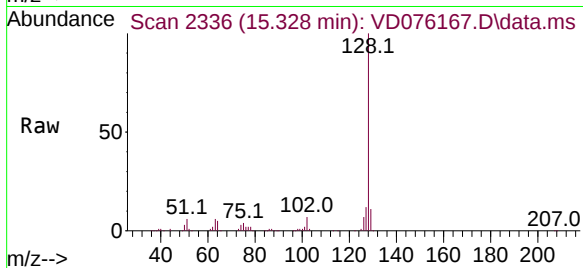
Tgt Ion:128 Resp: 263531

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 41.381 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD076167.D

Acq: 19 May 2023 20:39

Tgt Ion:180 Resp: 110373

Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

145 30.9 16.4 49.4

