

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077338.D
 Acq On : 17 Oct 2023 13:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:19:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	203071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	196548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	174372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72645	72.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.300%
35) Dibromofluoromethane	7.804	113	71790	50.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.269	98	286335	56.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.575	95	80922	55.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	84850	80.937	ug/l	99
3) Chloromethane	2.152	50	160292	75.084	ug/l	100
4) Vinyl Chloride	2.287	62	205458	81.475	ug/l	100
5) Bromomethane	2.693	94	131743	81.296	ug/l	97
6) Chloroethane	2.840	64	145261	81.940	ug/l	98
7) Trichlorofluoromethane	3.181	101	147633	57.710	ug/l	96
8) Diethyl Ether	3.593	74	43607	63.600	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.969	101	68888	52.050	ug/l	93
10) Methyl Iodide	4.163	142	81215	50.150	ug/l	# 88
11) Tert butyl alcohol	5.057	59	17517	309.255	ug/l	# 85
12) 1,1-Dichloroethene	3.946	96	67789	52.211	ug/l	84
13) Acrolein	3.798	56	27886	283.607	ug/l	93
14) Allyl chloride	4.569	41	92668	75.224	ug/l	92
15) Acrylonitrile	5.257	53	81175	390.680	ug/l	99
16) Acetone	4.022	43	75218	340.655	ug/l	92
17) Carbon Disulfide	4.269	76	232034	60.794	ug/l	98
18) Methyl Acetate	4.563	43	59590	77.543	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	155566	70.346	ug/l	97
20) Methylene Chloride	4.798	84	87702	67.275	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	83798	62.054	ug/l	98
22) Diisopropyl ether	6.222	45	214382	88.651	ug/l	94
23) Vinyl Acetate	6.157	43	518155	457.217	ug/l	# 92
24) 1,1-Dichloroethane	6.116	63	145191	72.212	ug/l	95
25) 2-Butanone	7.081	43	96688	422.131	ug/l	# 87
26) 2,2-Dichloropropane	7.075	77	120066	65.492	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	92782	61.277	ug/l	92
28) Bromochloromethane	7.428	49	61136	83.239	ug/l	# 74
29) Tetrahydrofuran	7.451	42	58905	445.824	ug/l	87
30) Chloroform	7.598	83	152371	66.050	ug/l	94
31) Cyclohexane	7.875	56	114247	72.926	ug/l	89
32) 1,1,1-Trichloroethane	7.792	97	123393	62.001	ug/l	99
36) 1,1-Dichloropropene	8.010	75	114650	61.160	ug/l	96
37) Ethyl Acetate	7.163	43	45148	76.672	ug/l	# 94
38) Carbon Tetrachloride	7.992	117	105774	50.722	ug/l	93
39) Methylcyclohexane	9.275	83	127557	56.000	ug/l	94
40) Benzene	8.251	78	347351	61.058	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	22552	80.249	ug/l	92
42) 1,2-Dichloroethane	8.328	62	86465	64.527	ug/l	97
43) Isopropyl Acetate	8.363	43	78586	74.132	ug/l #	92
44) Trichloroethene	9.028	130	79806	47.982	ug/l	89
45) 1,2-Dichloropropane	9.304	63	87100	66.419	ug/l	100
46) Dibromomethane	9.392	93	46718	56.984	ug/l #	86
47) Bromodichloromethane	9.586	83	113556	58.087	ug/l	100
48) Methyl methacrylate	9.386	41	37387	77.961	ug/l #	79
49) 1,4-Dioxane	9.386	88	8247	1023.134	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	213679	402.109	ug/l	90
52) Toluene	10.333	92	214159	57.657	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	106558	60.725	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	131022	61.026	ug/l #	87
55) 1,1,2-Trichloroethane	10.733	97	62267	54.836	ug/l	92
56) Ethyl methacrylate	10.598	69	72329	66.650	ug/l	88
57) 1,3-Dichloropropane	10.880	76	107364	61.552	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	127857	238.247	ug/l	93
59) 2-Hexanone	10.922	43	153299	401.667	ug/l	91
60) Dibromochloromethane	11.075	129	73729	50.850	ug/l	98
61) 1,2-Dibromoethane	11.180	107	57919	54.130	ug/l	98
64) Tetrachloroethene	10.810	164	60968	41.734	ug/l #	90
65) Chlorobenzene	11.610	112	218082	50.904	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	76424	46.928	ug/l	96
67) Ethyl Benzene	11.686	91	395533	55.695	ug/l	97
68) m/p-Xylenes	11.792	106	313451	107.484	ug/l	90
69) o-Xylene	12.122	106	143995	53.637	ug/l	93
70) Styrene	12.133	104	256041	55.900	ug/l	97
71) Bromoform	12.298	173	38223	42.816	ug/l #	99
73) Isopropylbenzene	12.422	105	368715	31.968	ug/l	94
74) N-amyl acetate	12.233	43	77529	46.726	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.674	83	75339	35.946	ug/l	95
76) 1,2,3-Trichloropropane	12.727	75	87592	37.714	ug/l #	100
77) Bromobenzene	12.704	156	81084	26.778	ug/l	81
78) n-propylbenzene	12.763	91	477189	34.354	ug/l	94
79) 2-Chlorotoluene	12.851	91	252261	33.342	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	307495	32.307	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	25115	38.594	ug/l	95
82) 4-Chlorotoluene	12.951	91	264669	33.601	ug/l	94
83) tert-Butylbenzene	13.169	119	295747	35.048	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	362819	37.862	ug/l	94
85) sec-Butylbenzene	13.345	105	672849	52.988	ug/l	96
86) p-Isopropyltoluene	13.463	119	570471	51.713	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	307236	48.213	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	303375	48.042	ug/l	99
89) n-Butylbenzene	13.786	91	536134	55.814	ug/l	99
90) Hexachloroethane	14.057	117	110292	49.461	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	265724	49.364	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13979	54.492	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	83049	24.762	ug/l	95
94) Hexachlorobutadiene	15.204	225	38516	20.221	ug/l	99
95) Naphthalene	15.333	128	164502	29.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	73514	25.253	ug/l	98

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QLast Update : Wed Oct 18 03:02:43 2023
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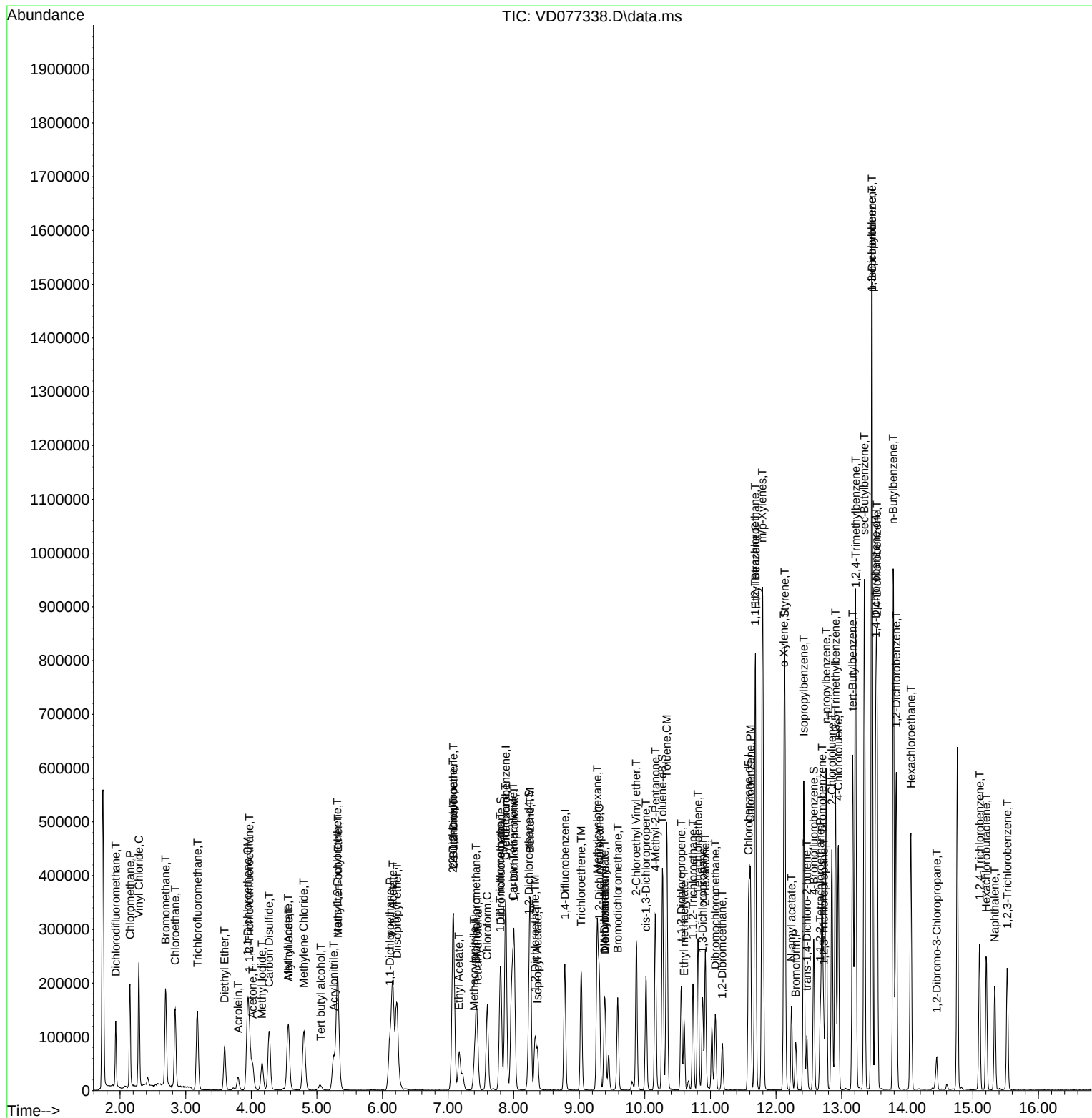
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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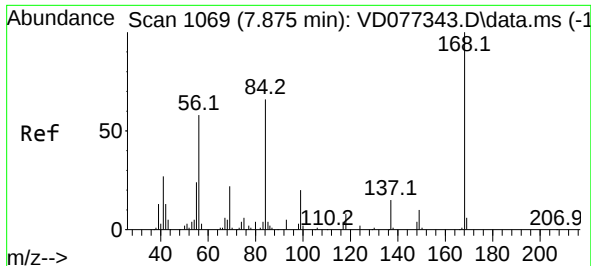
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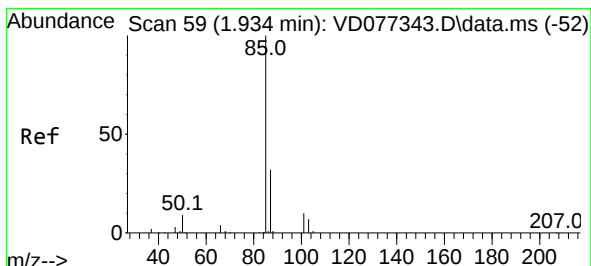
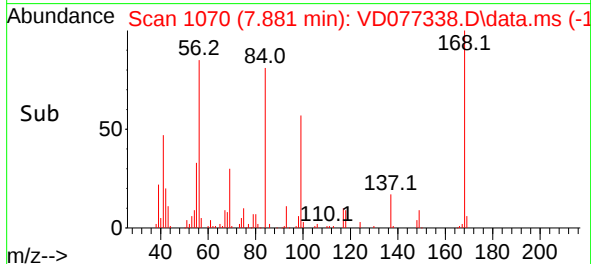
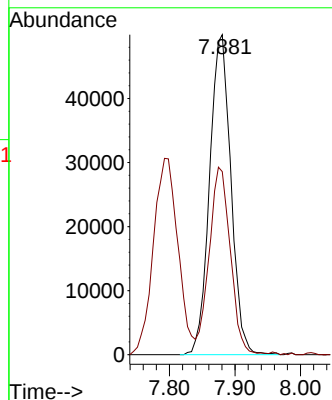
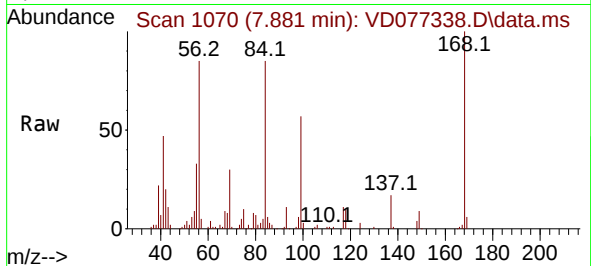




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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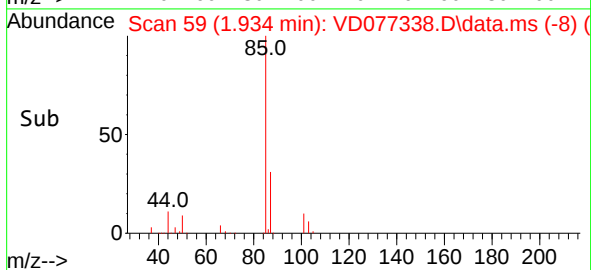
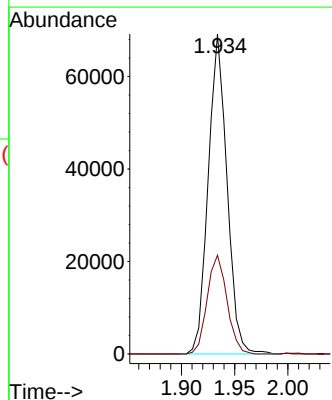
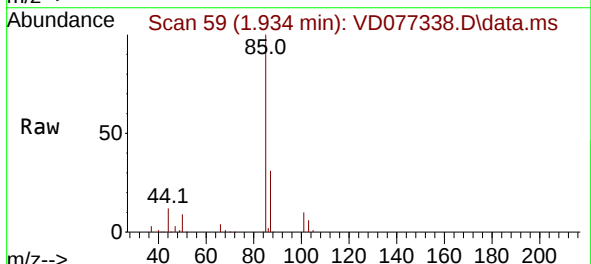
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

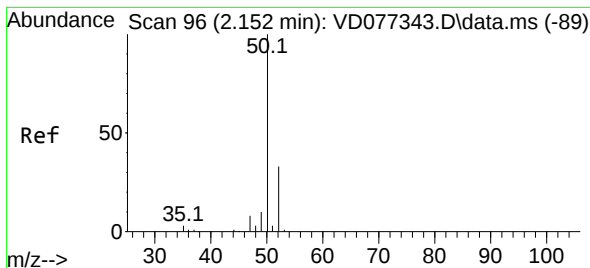
Tgt Ion:168 Resp: 112764
Ion Ratio Lower Upper
168 100
99 57.2 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 80.937 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 85 Resp: 84850
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0





#3

Chloromethane

Concen: 75.084 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

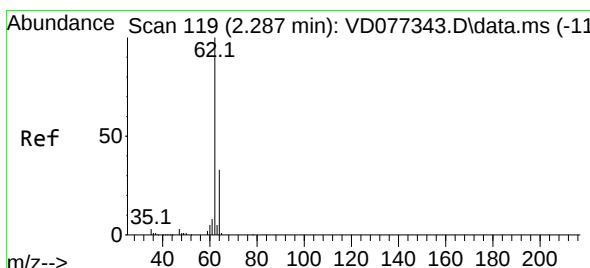
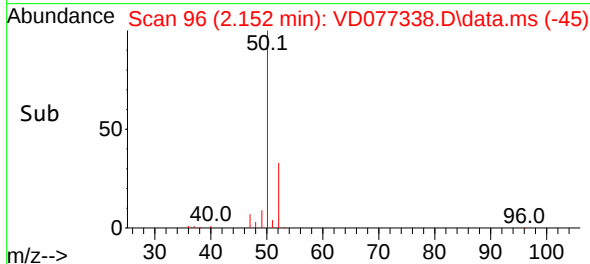
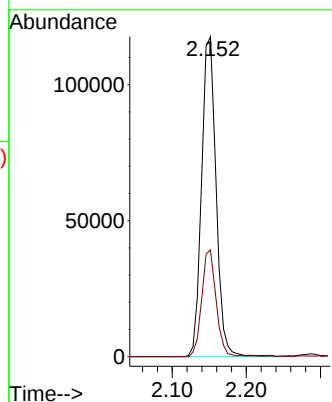
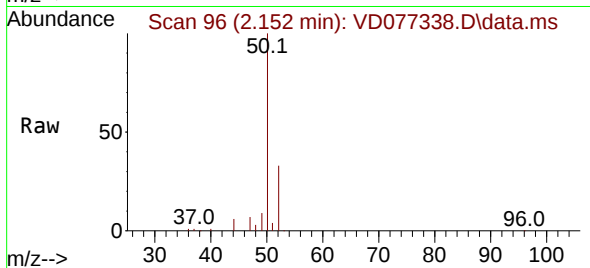
VSTDCCC050

Tgt Ion: 50 Resp: 160292

Ion Ratio Lower Upper

50 100

52 33.4 26.6 40.0



#4

Vinyl Chloride

Concen: 81.475 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD077338.D

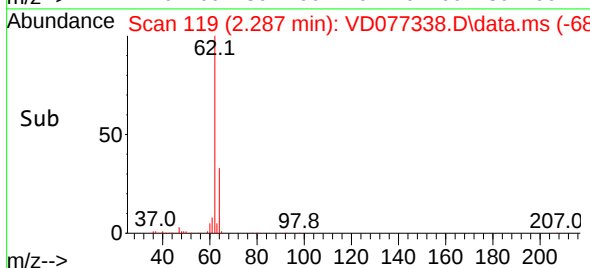
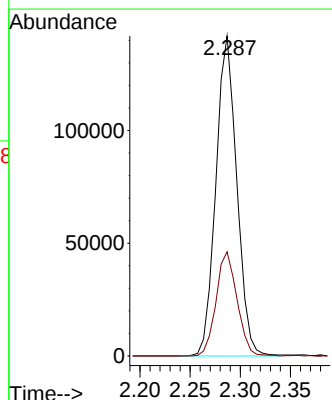
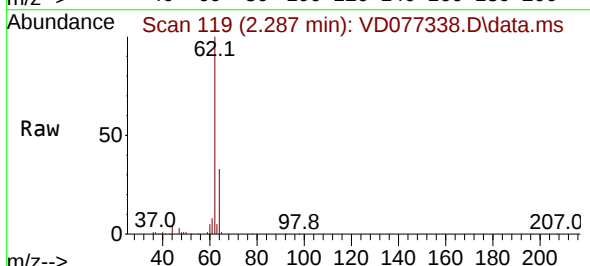
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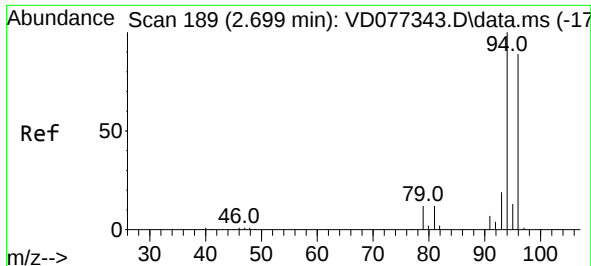
Tgt Ion: 62 Resp: 205458

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0

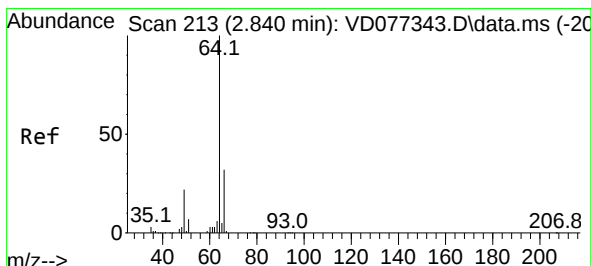
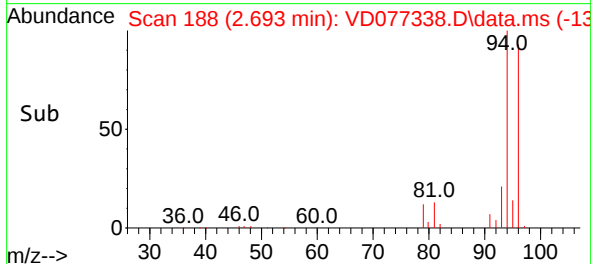
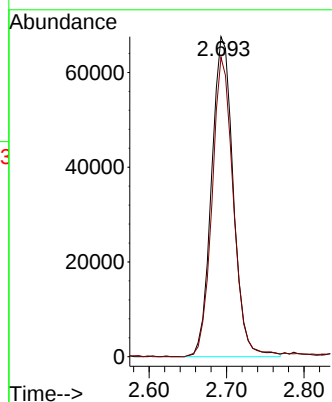
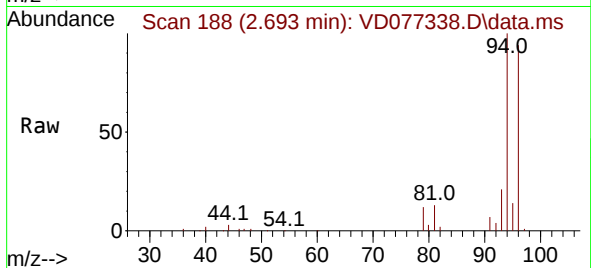




#5
Bromomethane
Concen: 81.296 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

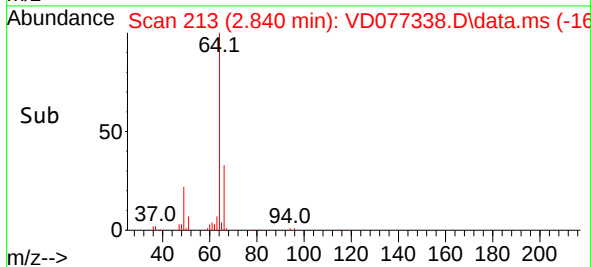
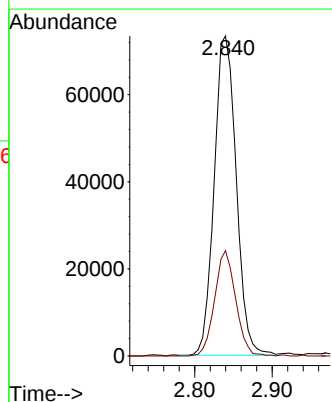
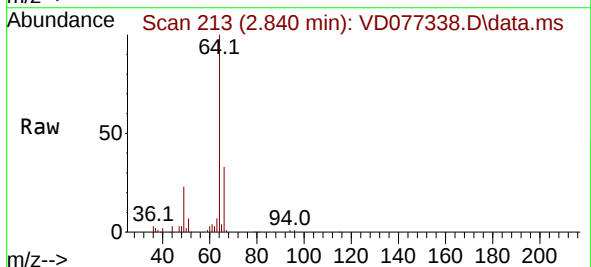
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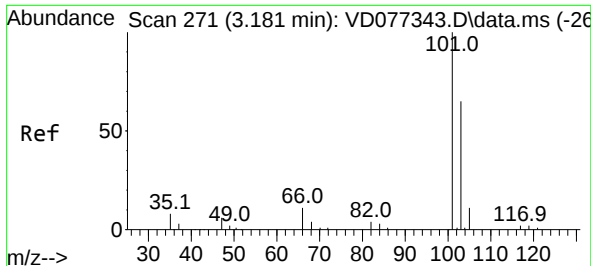
Tgt Ion: 94 Resp: 131743
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8



#6
Chloroethane
Concen: 81.940 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 145261
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

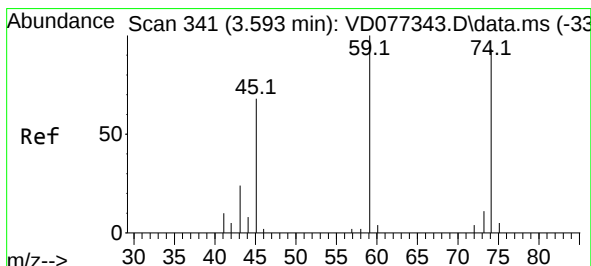
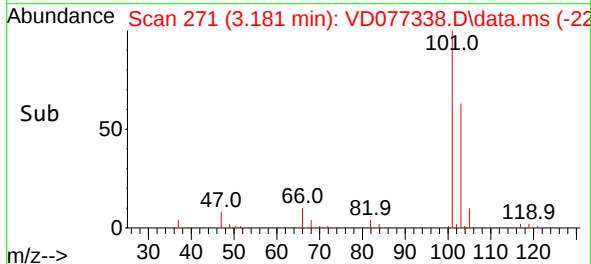
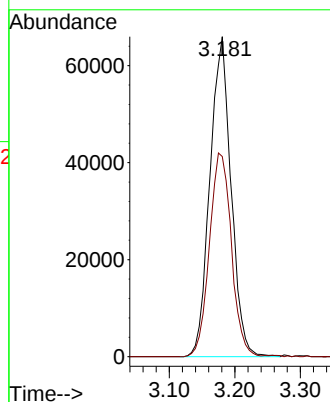
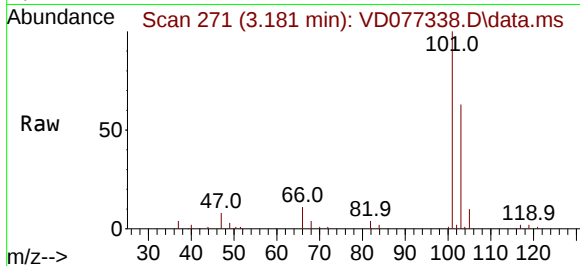




#7
 Trichlorofluoromethane
 Concen: 57.710 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

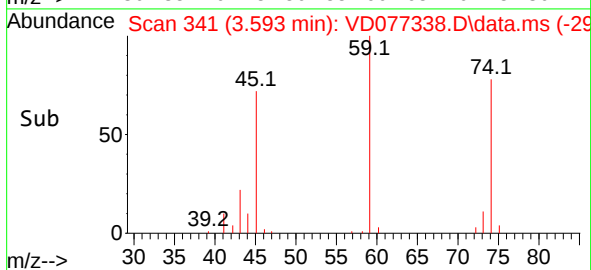
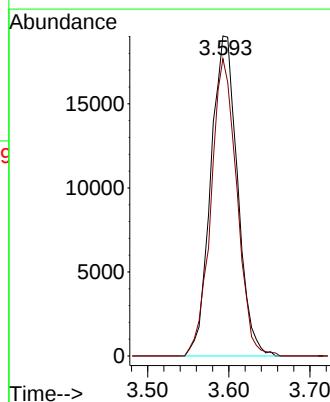
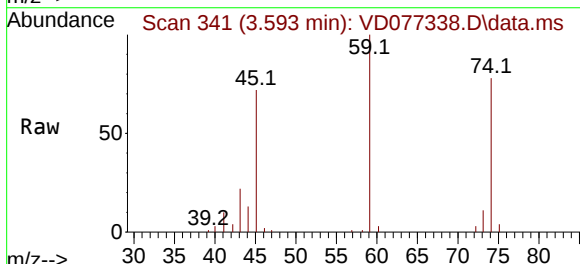
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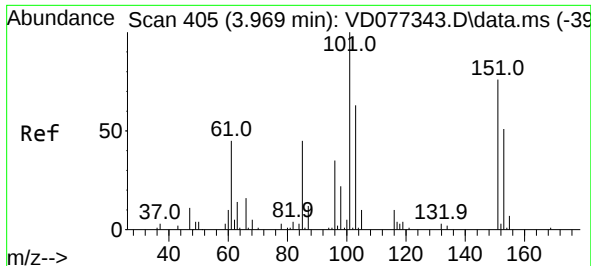
Tgt Ion:101 Resp: 147633
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 63.600 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 43607
 Ion Ratio Lower Upper
 74 100
 45 89.7 37.5 112.7

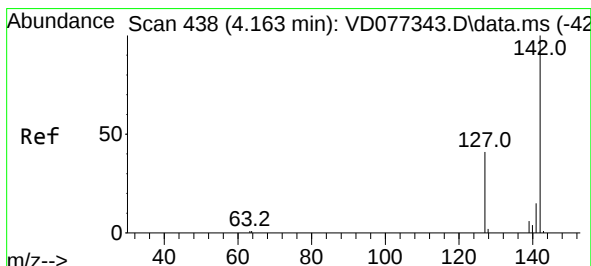
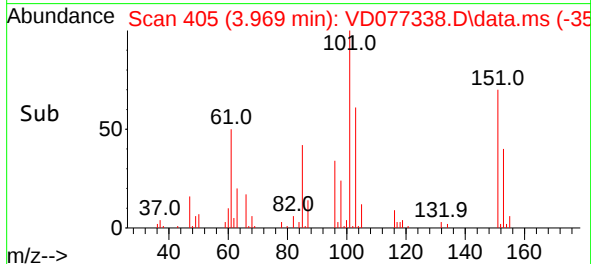
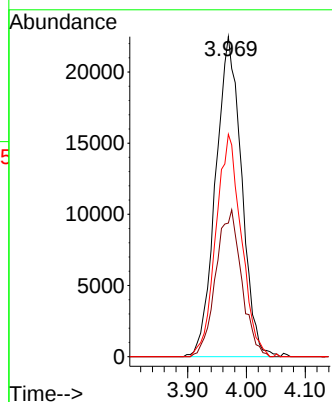
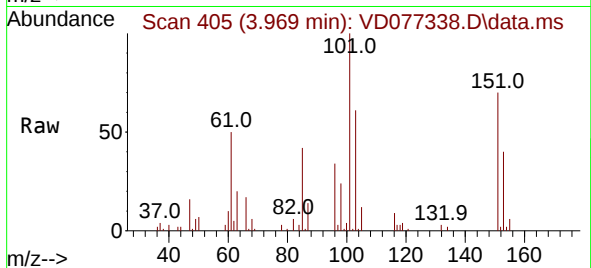




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.050 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

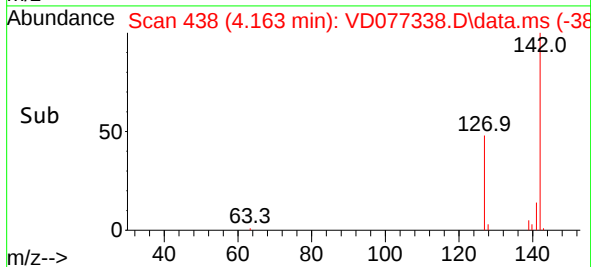
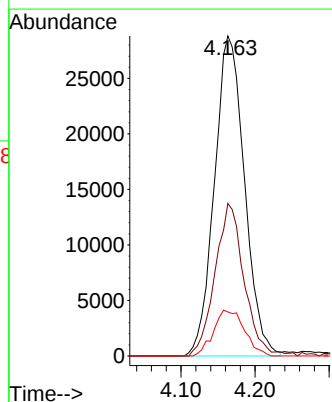
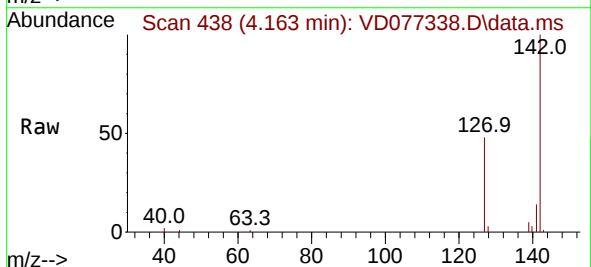
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

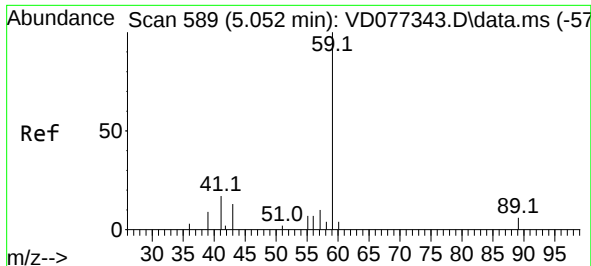
Tgt Ion:101 Resp: 68888
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 68.2 59.8 89.6



#10
Methyl Iodide
Concen: 50.150 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:142 Resp: 81215
Ion Ratio Lower Upper
142 100
127 46.0 29.4 44.0#
141 14.7 11.1 16.7

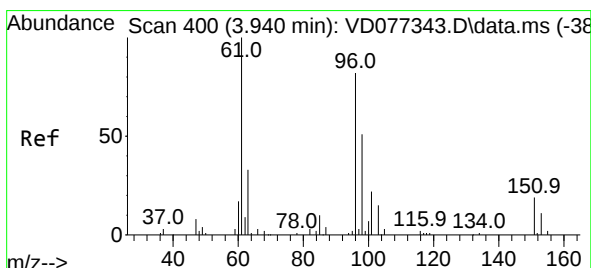
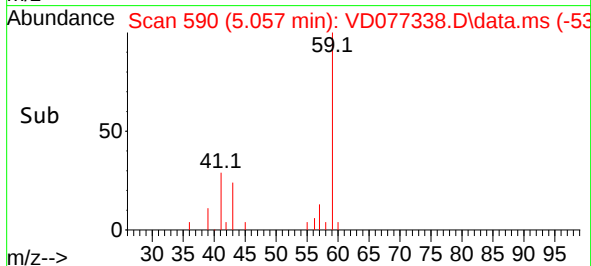
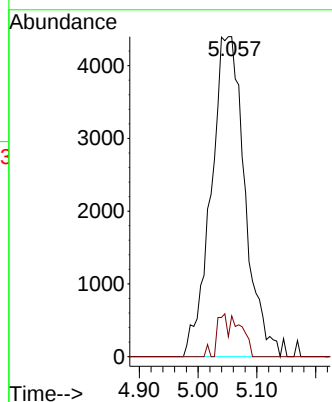
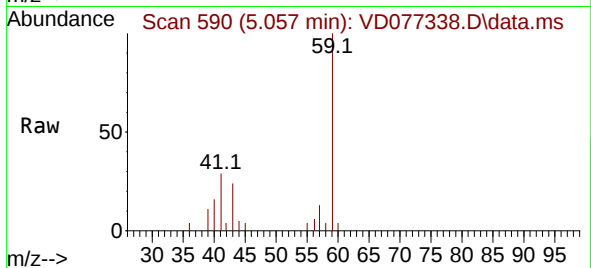




#11
Tert butyl alcohol
Concen: 309.255 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

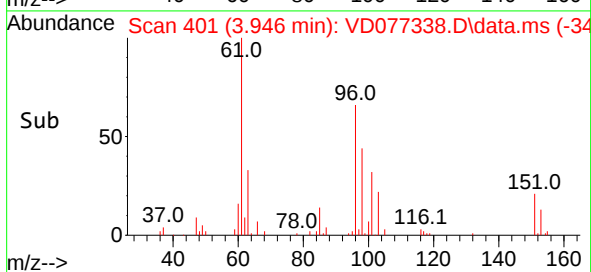
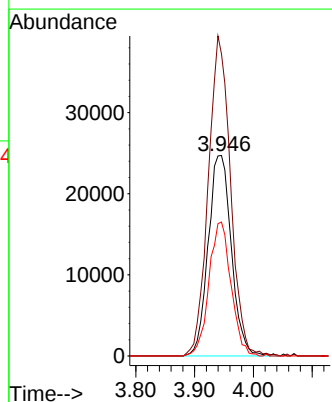
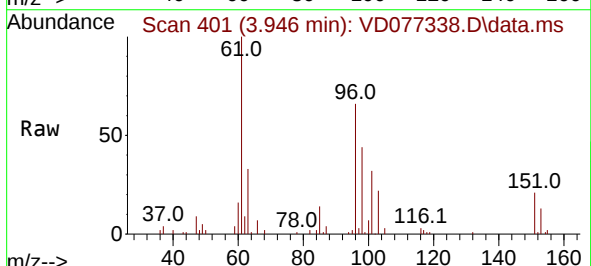
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

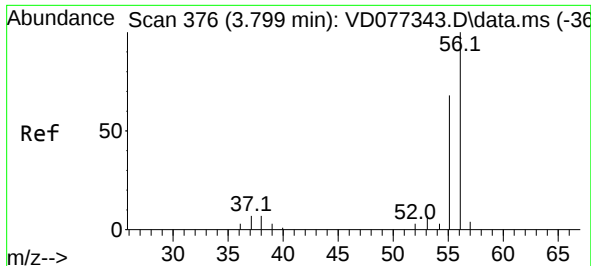
Tgt Ion: 59 Resp: 17517
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 52.211 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 96 Resp: 67789
Ion Ratio Lower Upper
96 100
61 150.8 100.6 150.8
98 66.8 50.2 75.2

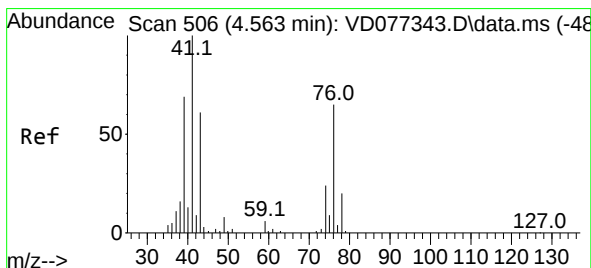
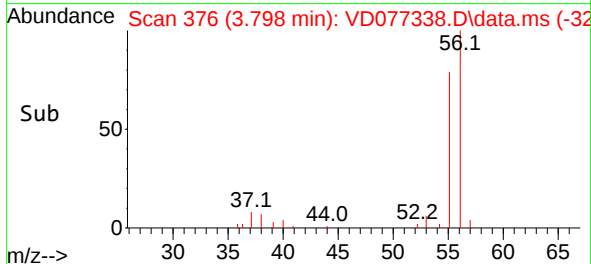
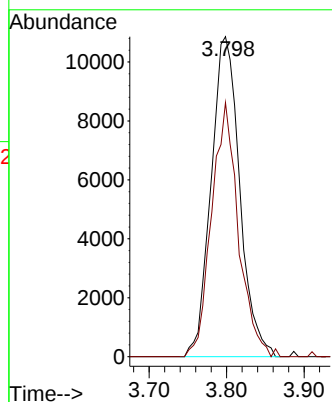
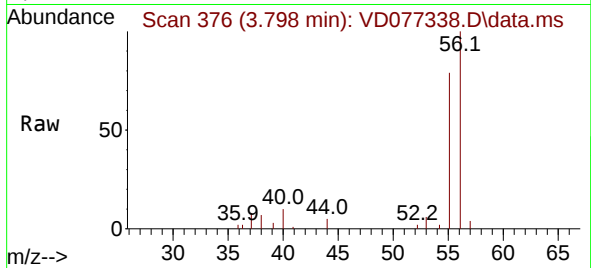




#13
Acrolein
Concen: 283.607 ug/l
RT: 3.798 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

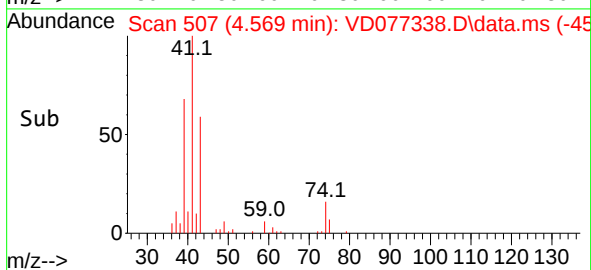
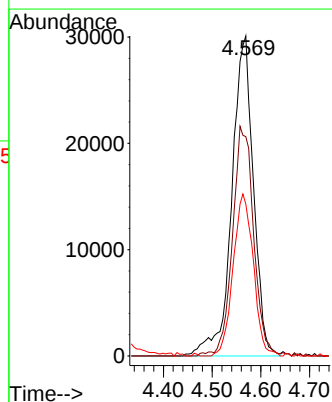
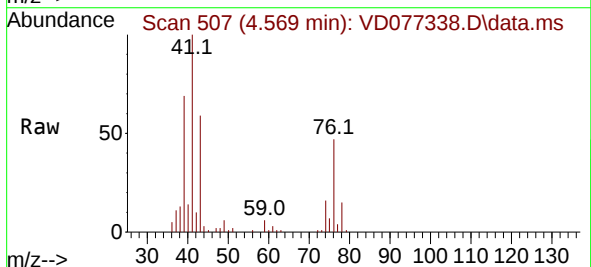
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

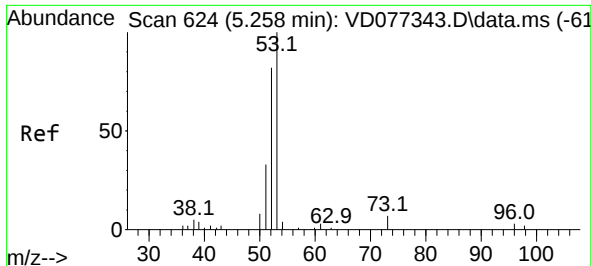
Tgt Ion: 56 Resp: 27886
Ion Ratio Lower Upper
56 100
55 74.3 55.1 82.7



#14
Allyl chloride
Concen: 75.224 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 41 Resp: 92668
Ion Ratio Lower Upper
41 100
39 70.0 53.8 80.6
76 47.3 45.8 68.8

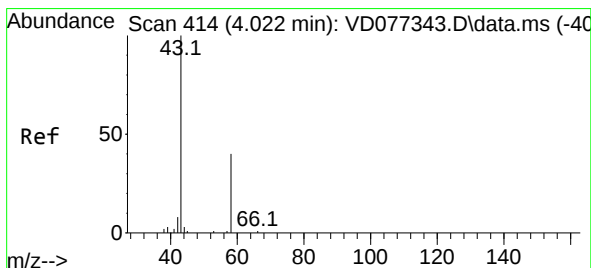
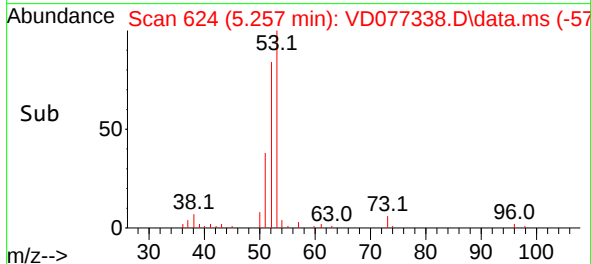
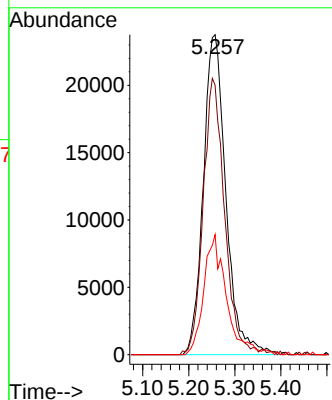
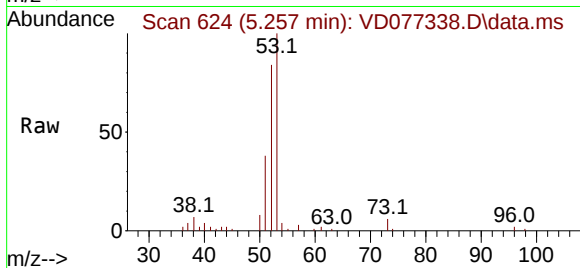




#15
Acrylonitrile
Concen: 390.680 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

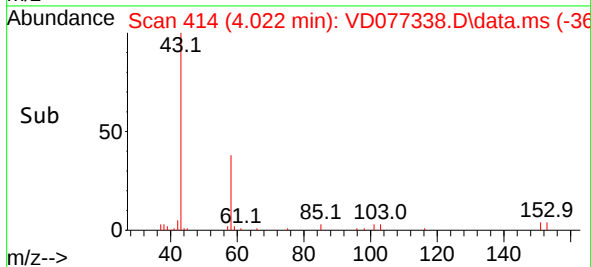
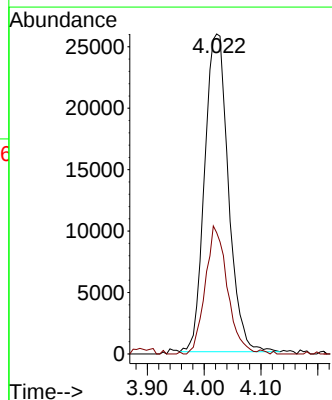
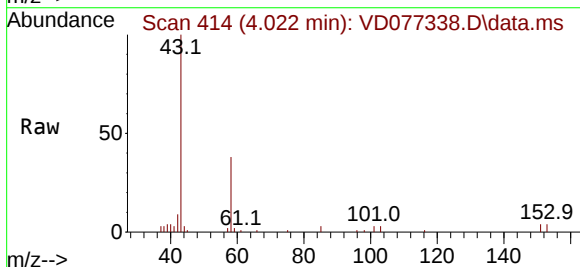
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

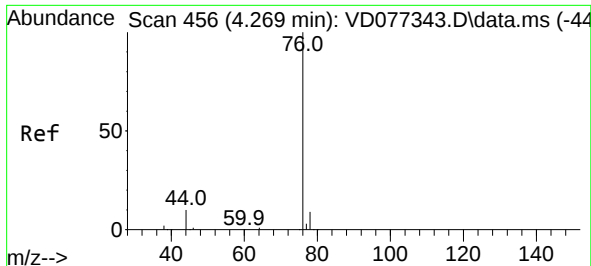
Tgt Ion:	53	Resp:	81175
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.0	97.4
51	37.1	28.3	42.5



#16
Acetone
Concen: 340.655 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:	43	Resp:	75218
Ion	Ratio	Lower	Upper
43	100		
58	38.2	34.7	52.1





#17

Carbon Disulfide

Concen: 60.794 ug/l

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

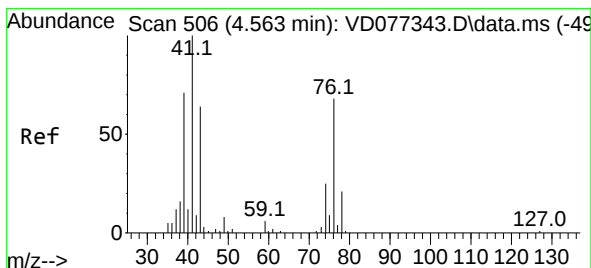
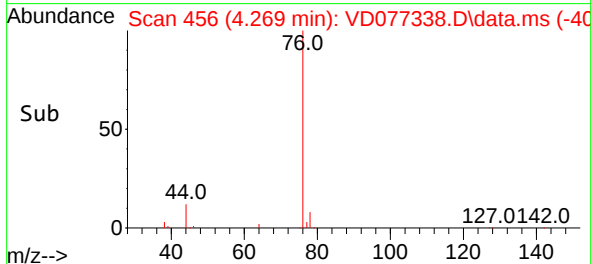
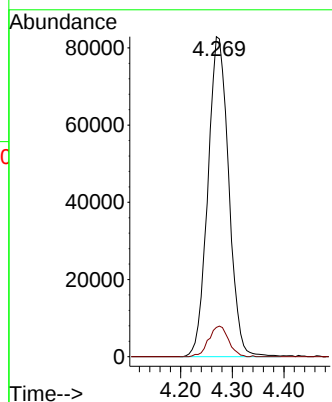
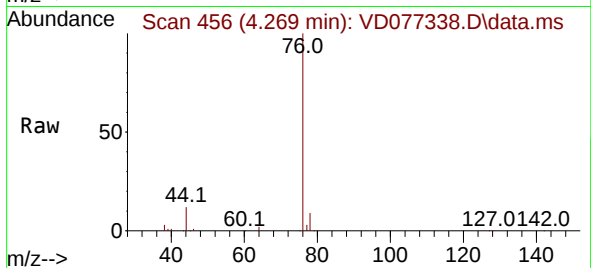
VSTDCCC050

Tgt Ion: 76 Resp: 232034

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 77.543 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077338.D

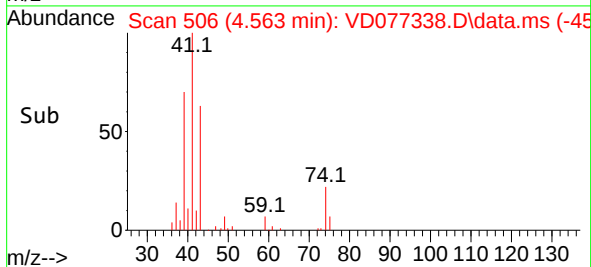
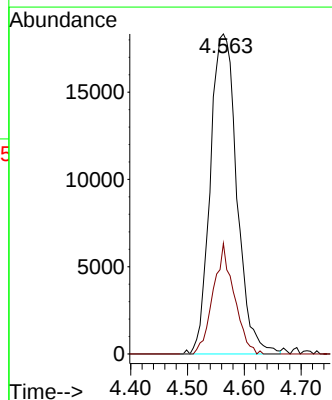
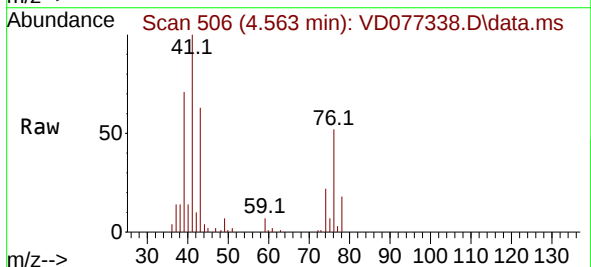
Acq: 17 Oct 2023 13:33

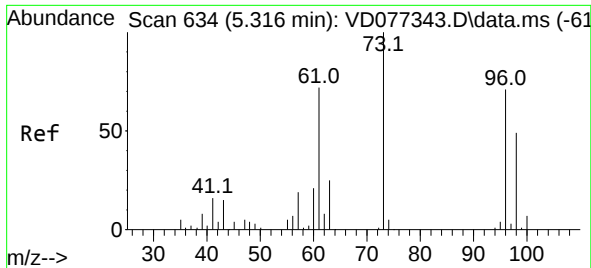
Tgt Ion: 43 Resp: 59590

Ion Ratio Lower Upper

43 100

74 27.2 26.4 39.6

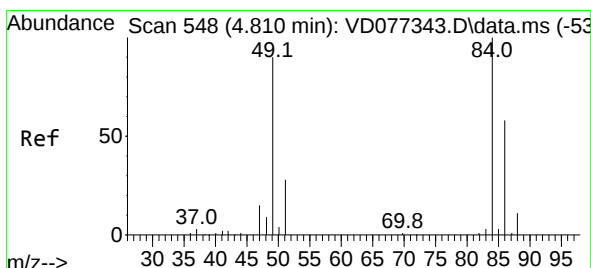
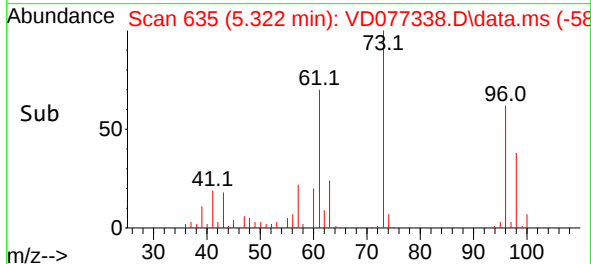
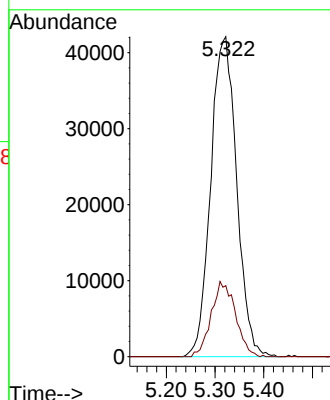
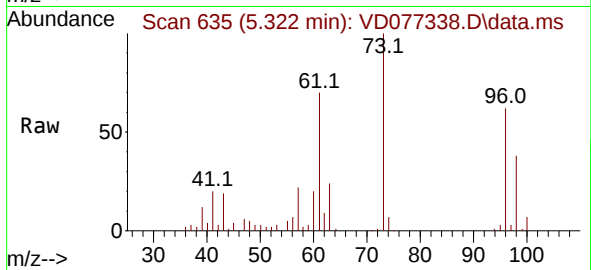




#19
Methyl tert-butyl Ether
Concen: 70.346 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

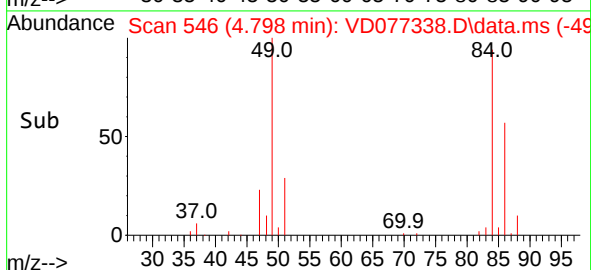
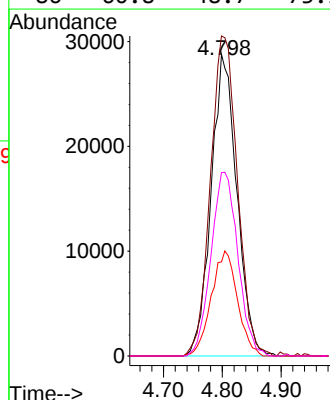
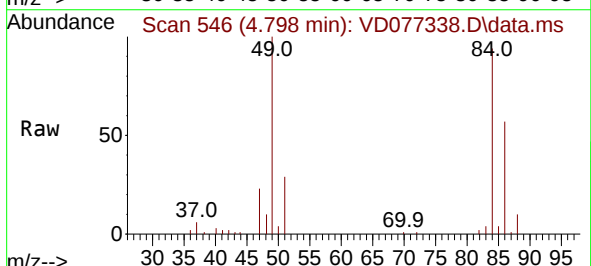
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

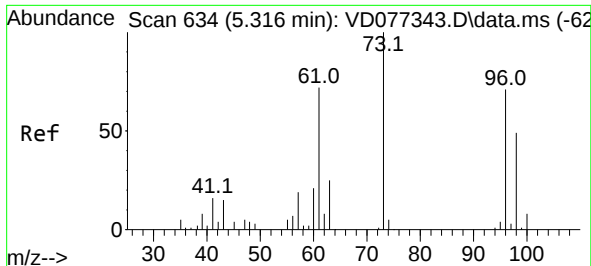
Tgt Ion: 73 Resp: 155566
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#20
Methylene Chloride
Concen: 67.275 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 84 Resp: 87702
Ion Ratio Lower Upper
84 100
49 106.1 71.4 107.2
51 31.2 24.5 36.7
86 60.8 48.7 73.1

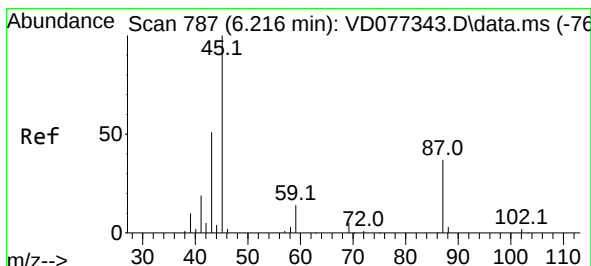
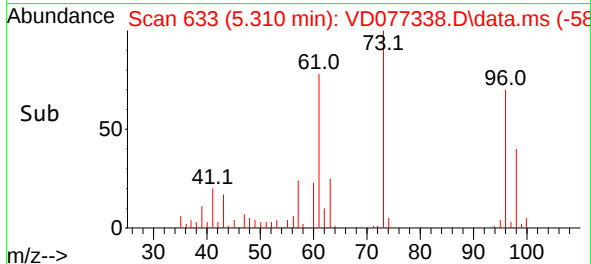
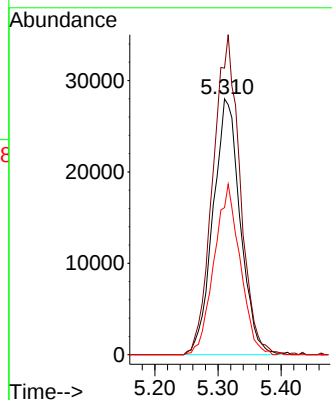
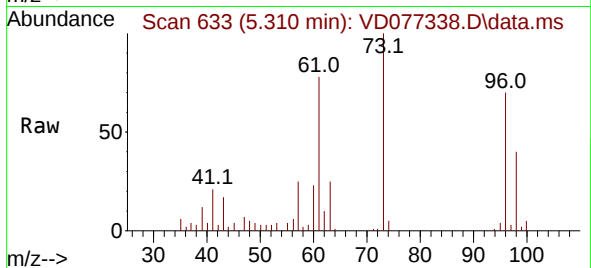




#21
trans-1,2-Dichloroethene
Concen: 62.054 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

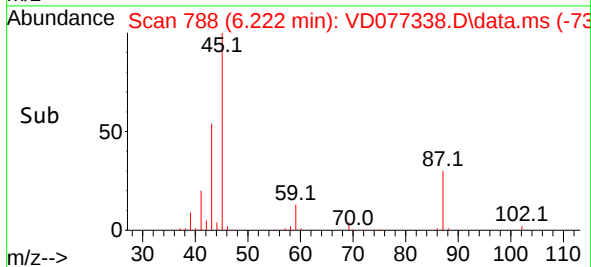
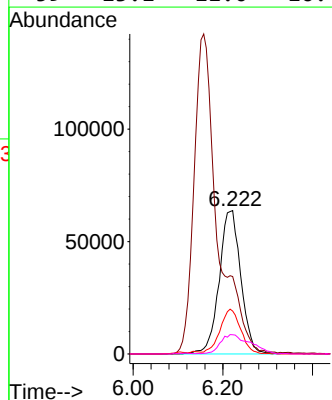
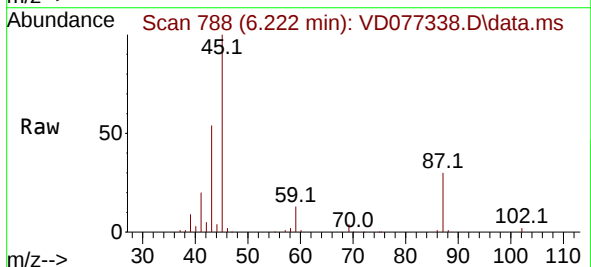
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

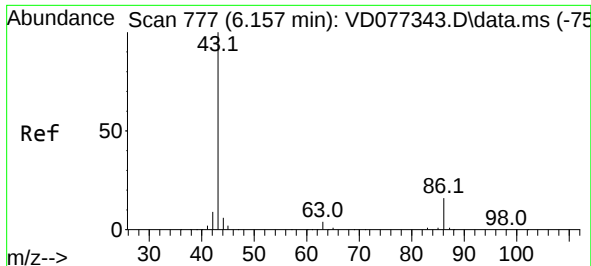
Tgt Ion: 96 Resp: 83798
Ion Ratio Lower Upper
96 100
61 112.0 89.3 133.9
98 57.5 48.6 73.0



#22
Diisopropyl ether
Concen: 88.651 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 45 Resp: 214382
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 29.9 28.2 42.4
59 13.1 11.0 16.4

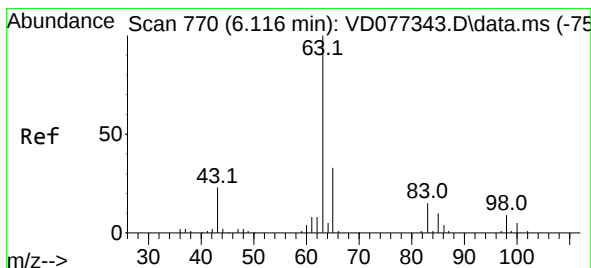
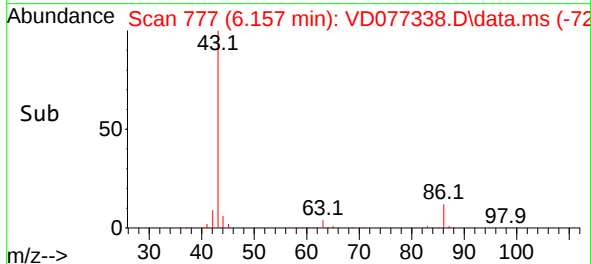
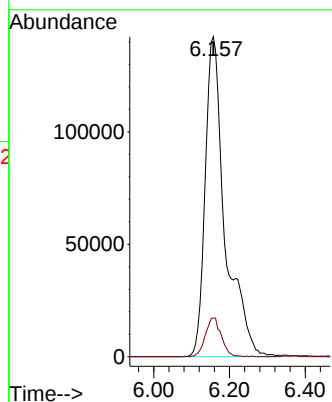
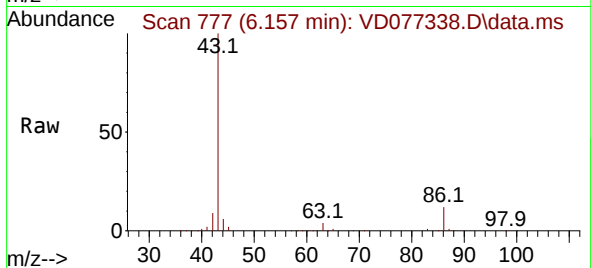




#23
 Vinyl Acetate
 Concen: 457.217 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

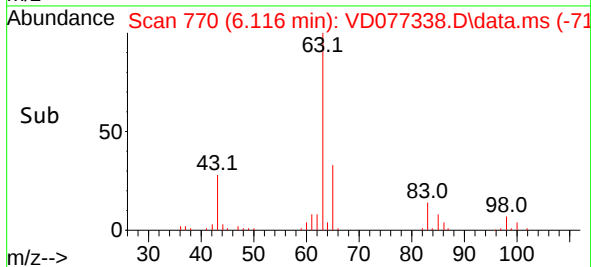
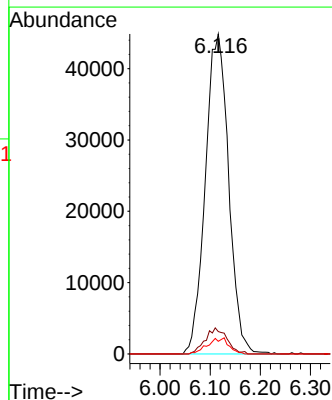
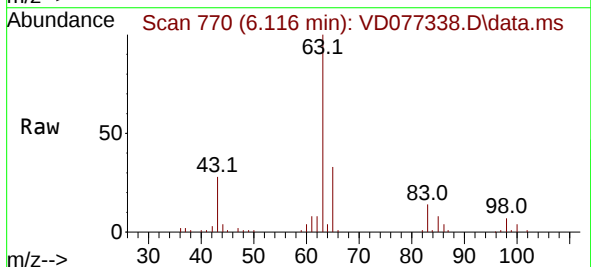
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

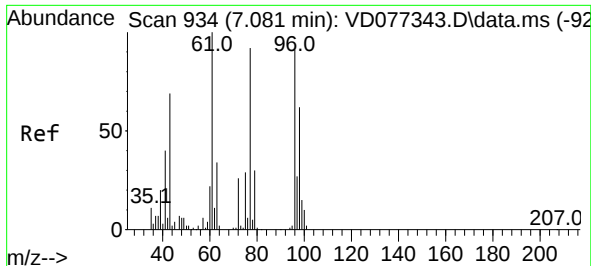
Tgt Ion: 43 Resp: 518155
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 72.212 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

Tgt Ion: 63 Resp: 145191
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 3.9 2.5 7.5

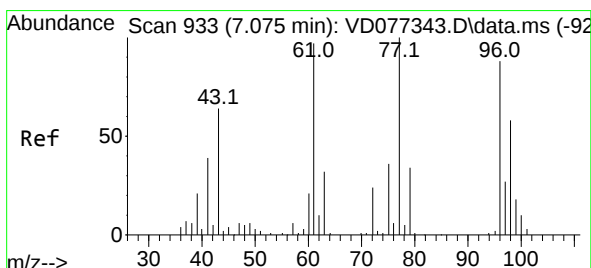
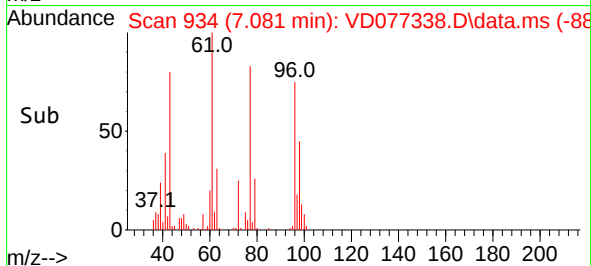
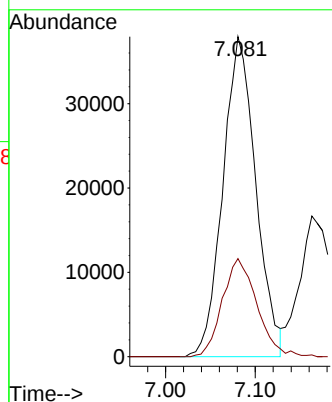
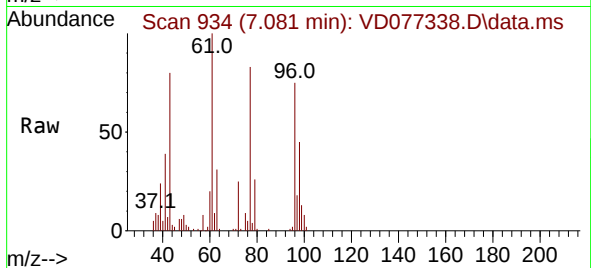




#25
2-Butanone
Concen: 422.131 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

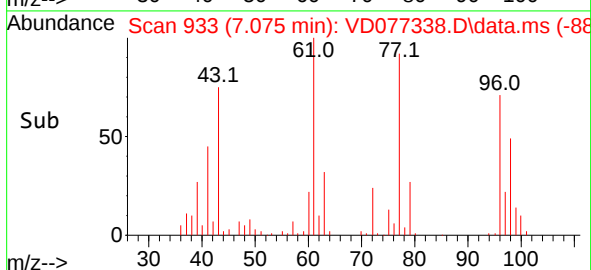
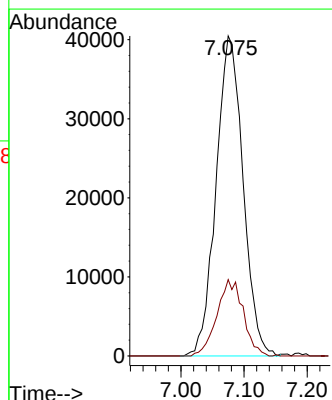
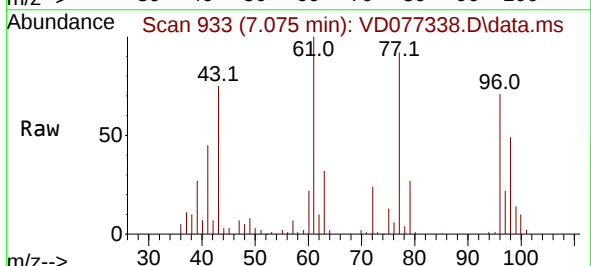
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

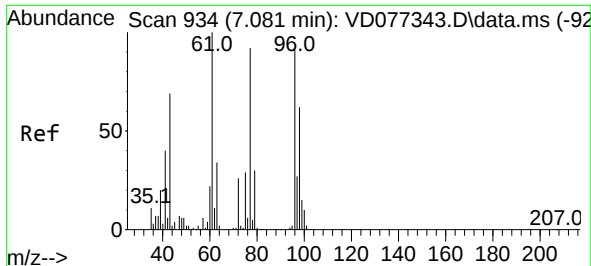
Tgt Ion: 43 Resp: 96688
Ion Ratio Lower Upper
43 100
72 30.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 65.492 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 77 Resp: 120066
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6



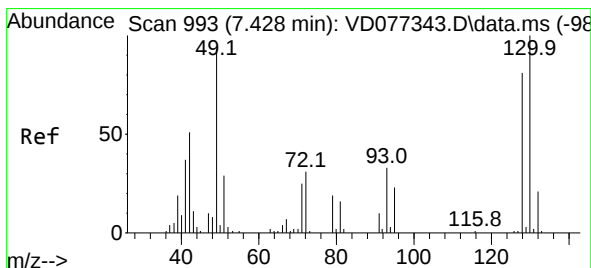
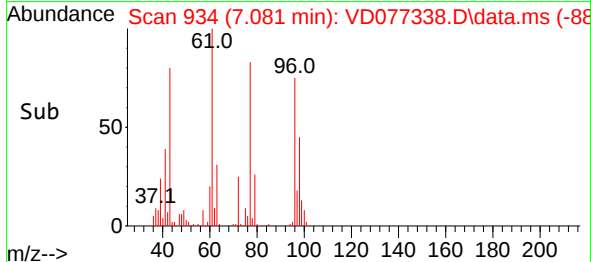
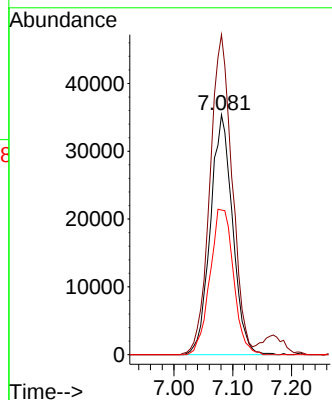
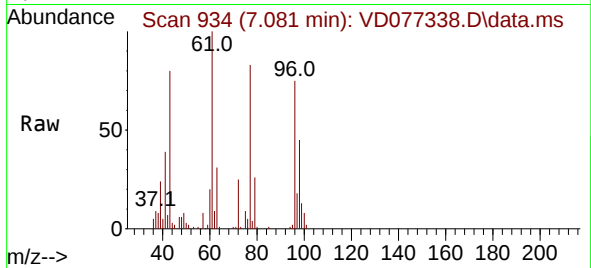


#27
 cis-1,2-Dichloroethene
 Concen: 61.277 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 92782

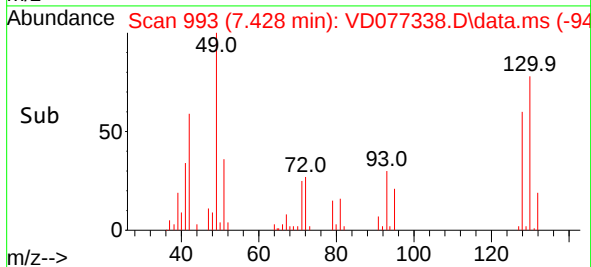
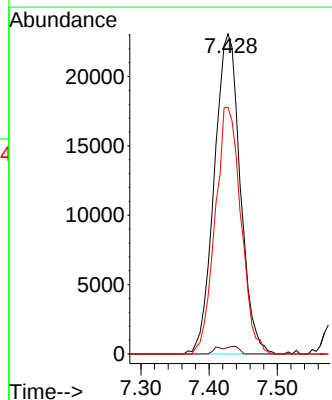
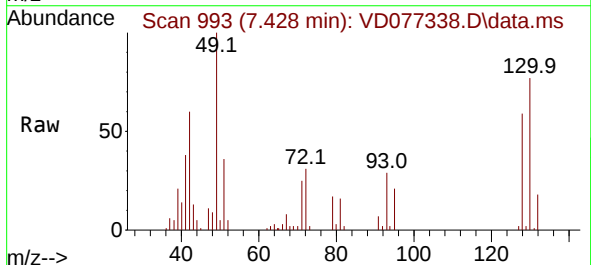
Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	239.2
98	64.5	0.0	128.6

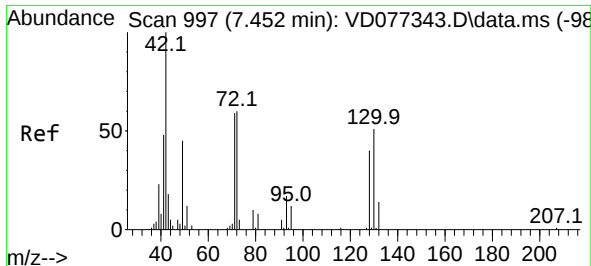


#28
 Bromochloromethane
 Concen: 83.239 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

Tgt Ion: 49 Resp: 61136

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	6.0
130	76.5	83.2	124.8





#29

Tetrahydrofuran

Concen: 445.824 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.001 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

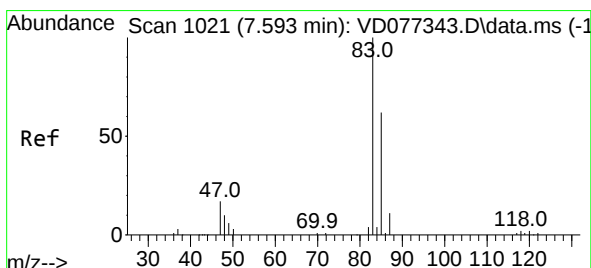
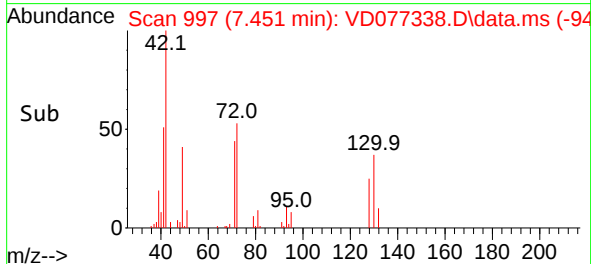
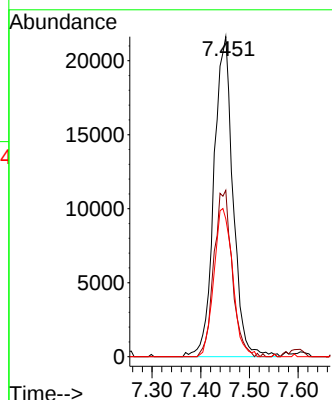
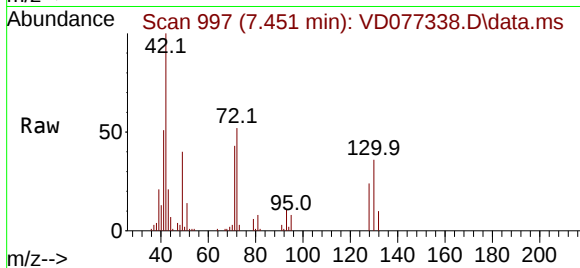
Tgt Ion: 42 Resp: 58905

Ion Ratio Lower Upper

42 100

72 49.5 46.5 69.7

71 45.5 44.5 66.7



#30

Chloroform

Concen: 66.050 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD077338.D

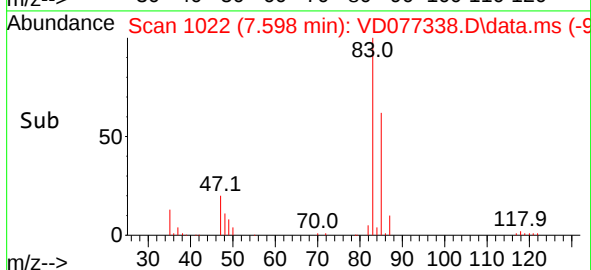
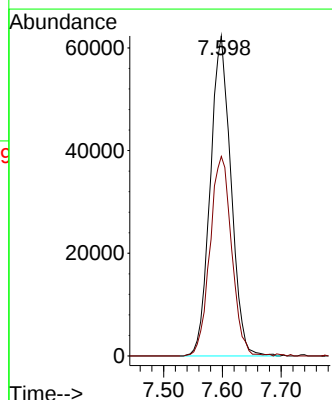
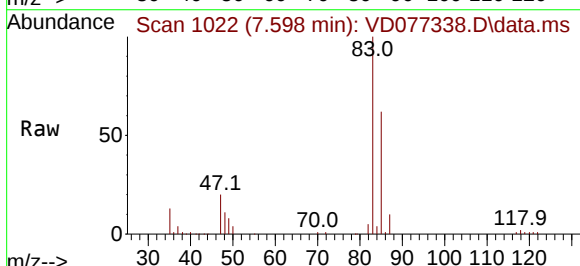
Acq: 17 Oct 2023 13:33

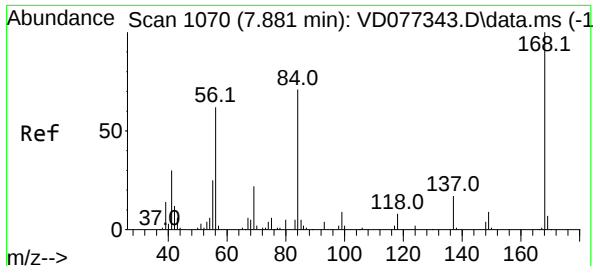
Tgt Ion: 83 Resp: 152371

Ion Ratio Lower Upper

83 100

85 62.3 53.4 80.2





#31

Cyclohexane

Concen: 72.926 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

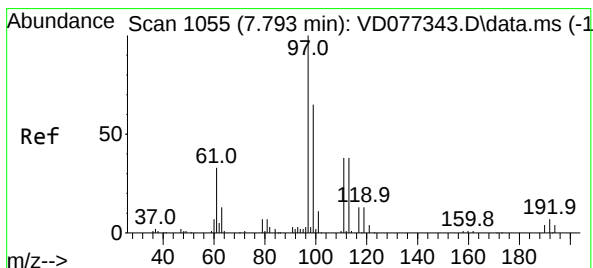
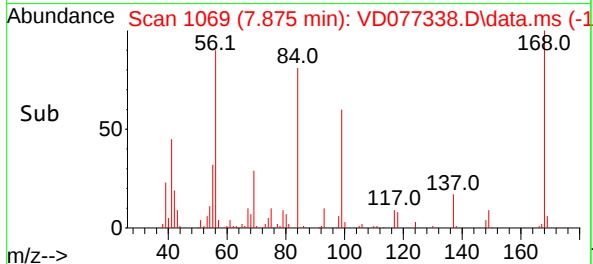
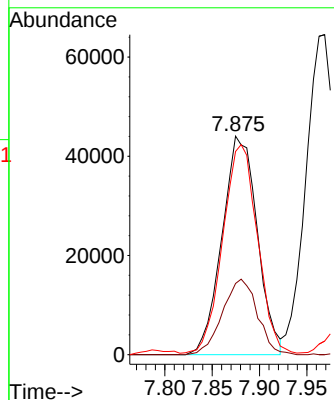
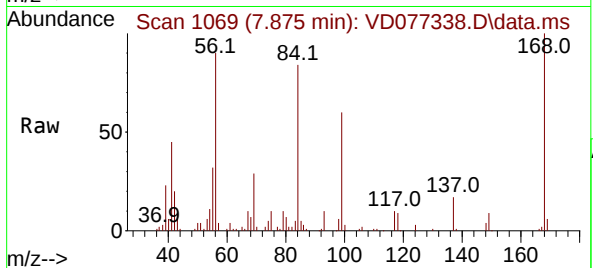
Tgt Ion: 56 Resp: 114247

Ion Ratio Lower Upper

56 100

69 32.6 28.6 43.0

84 92.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 62.001 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.001 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

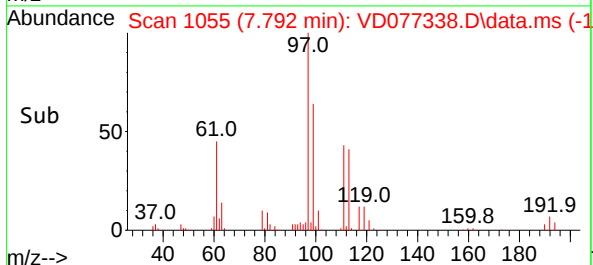
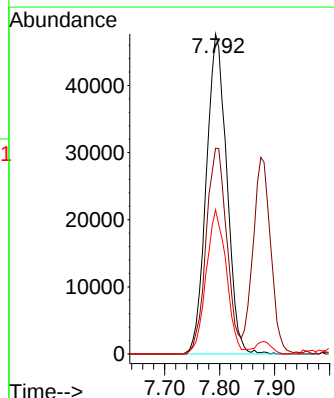
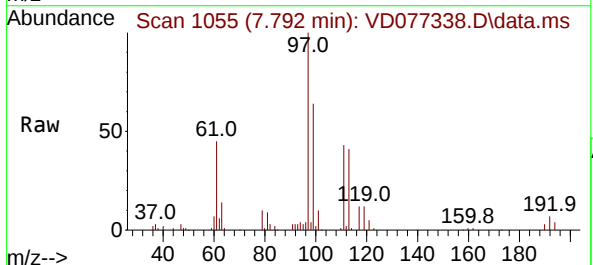
Tgt Ion: 97 Resp: 123393

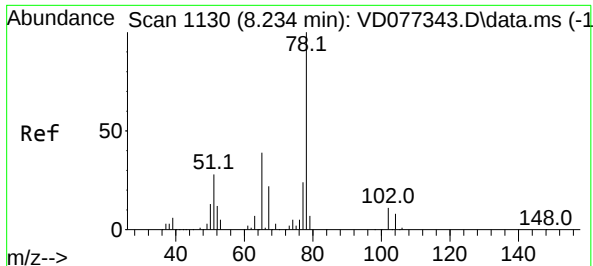
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 44.3 33.8 50.8

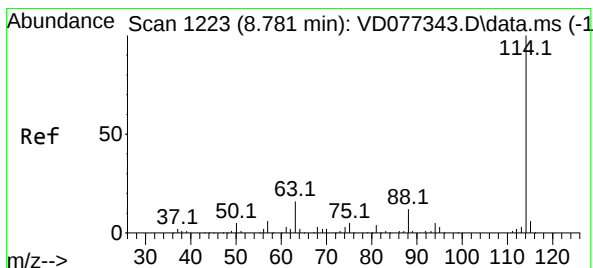
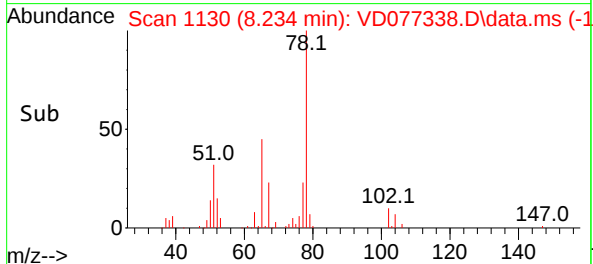
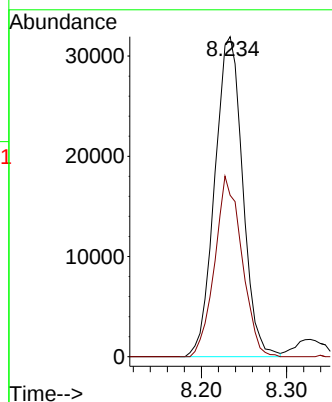
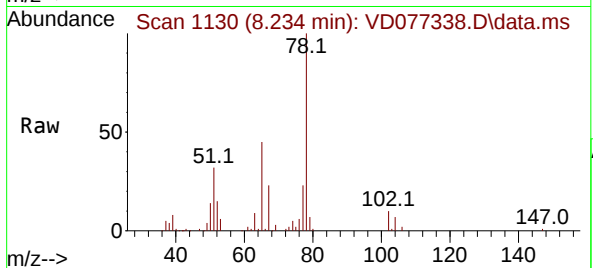




#33
 1,2-Dichloroethane-d4
 Concen: 72.146 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

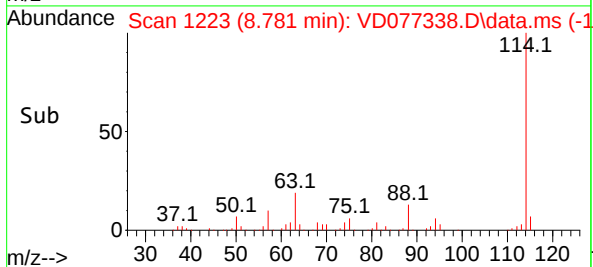
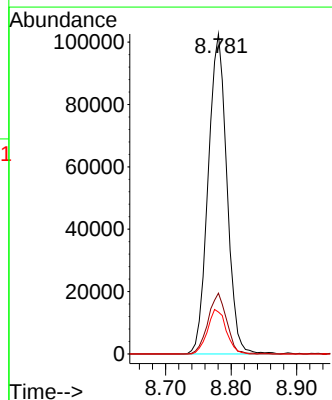
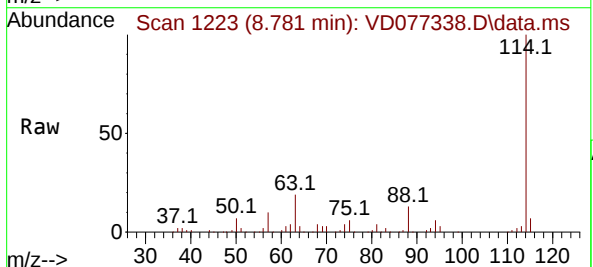
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

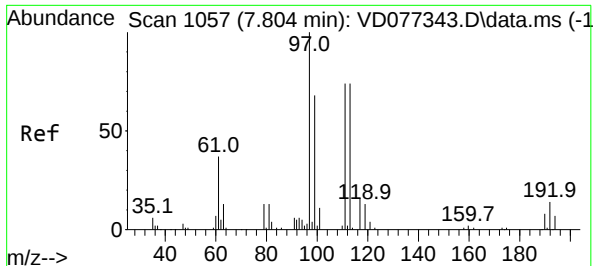
Tgt Ion: 65 Resp: 72645
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

Tgt Ion: 114 Resp: 203071
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 33.4
 88 13.1 0.0 26.2

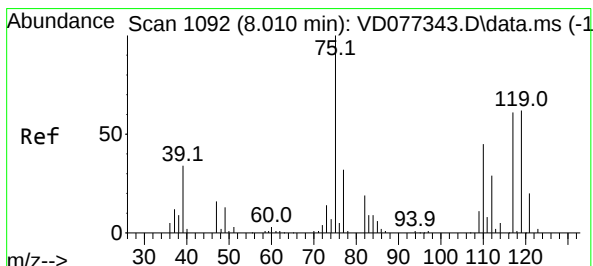
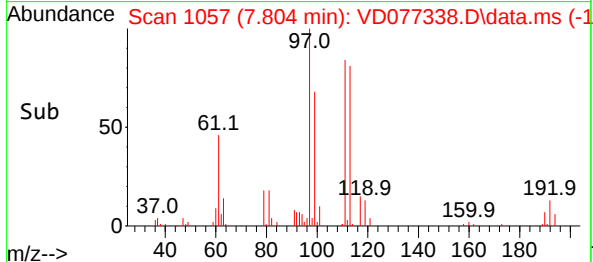
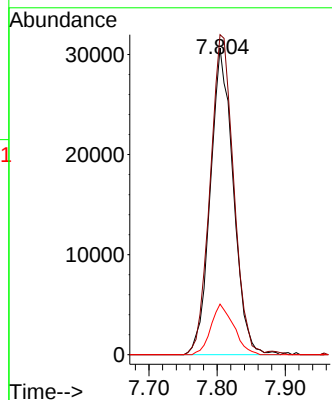
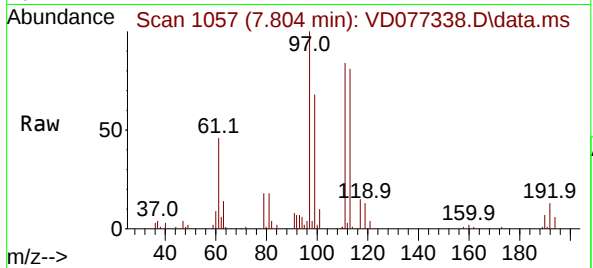




#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

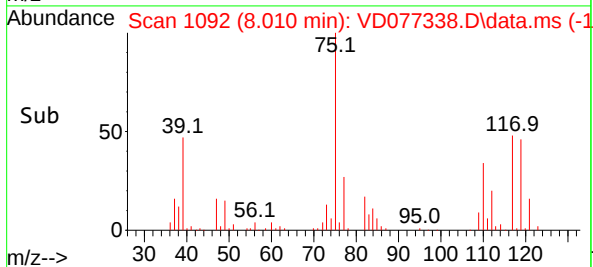
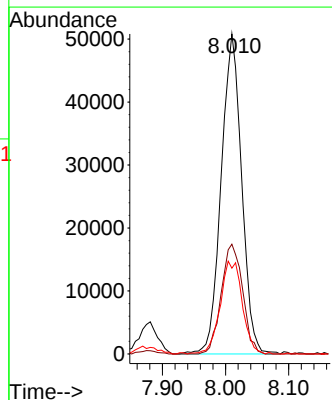
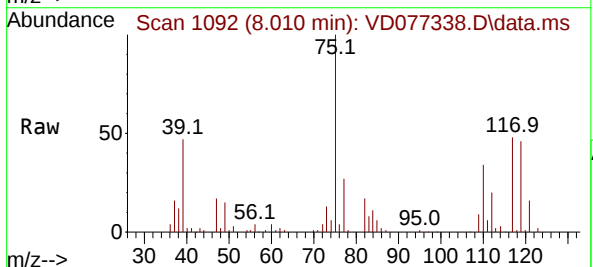
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

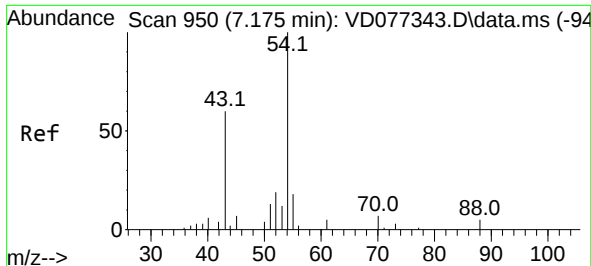
Tgt Ion:113 Resp: 71790
Ion Ratio Lower Upper
113 100
111 106.9 84.7 127.1
192 16.4 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 61.160 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 75 Resp: 114650
Ion Ratio Lower Upper
75 100
110 35.7 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 76.672 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

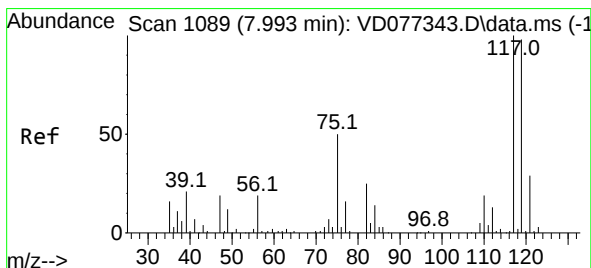
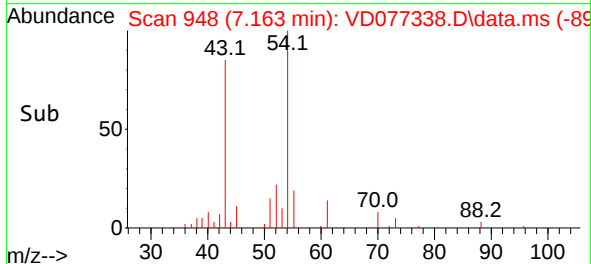
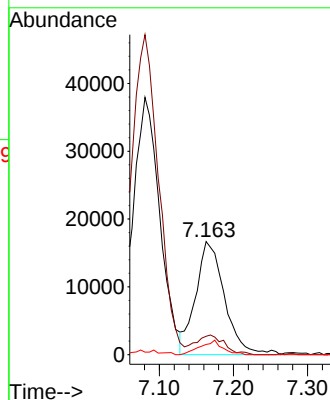
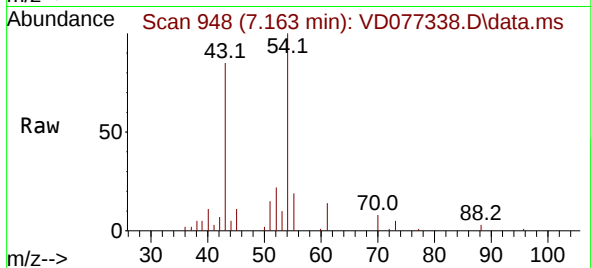
Tgt Ion: 43 Resp: 45148

Ion Ratio Lower Upper

43 100

61 16.5 14.9 22.3

70 9.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 50.722 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.001 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

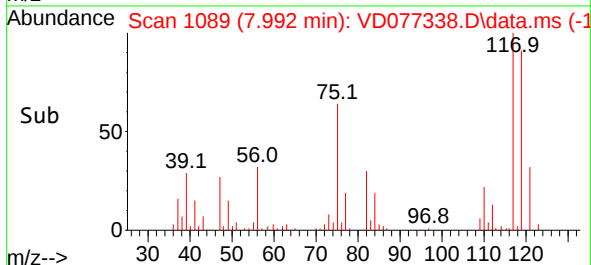
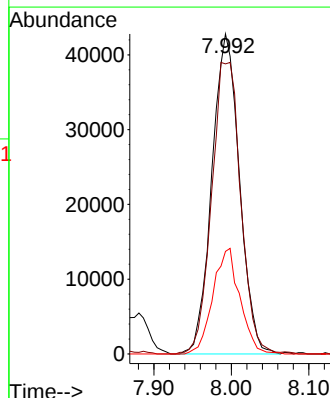
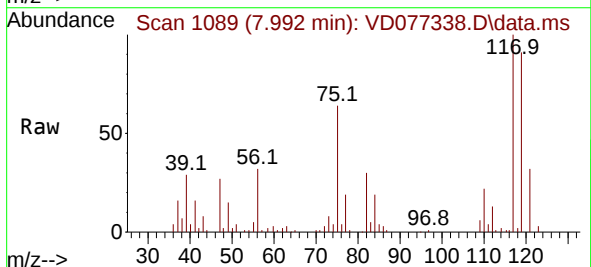
Tgt Ion: 117 Resp: 105774

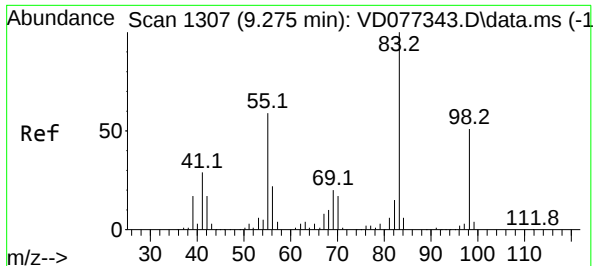
Ion Ratio Lower Upper

117 100

119 90.2 78.0 117.0

121 32.1 24.2 36.2





#39

Methylcyclohexane

Concen: 56.000 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

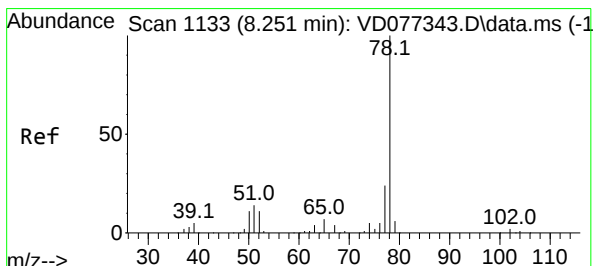
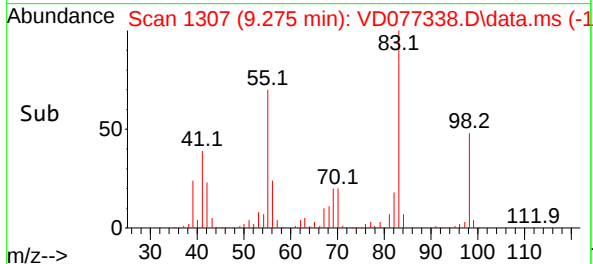
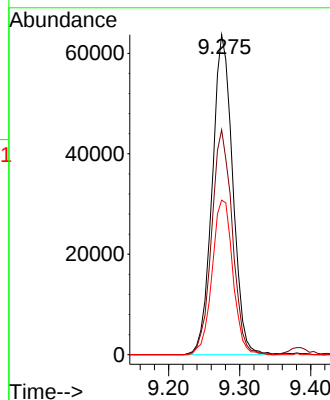
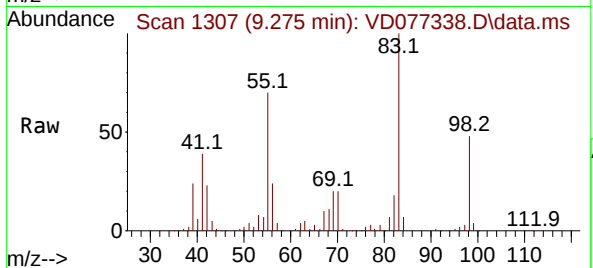
Tgt Ion: 83 Resp: 127557

Ion Ratio Lower Upper

83 100

55 70.3 49.4 74.0

98 48.3 38.4 57.6



#40

Benzene

Concen: 61.058 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077338.D

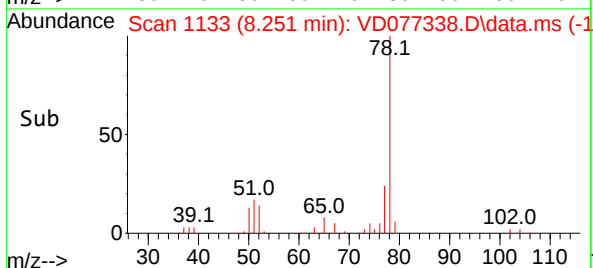
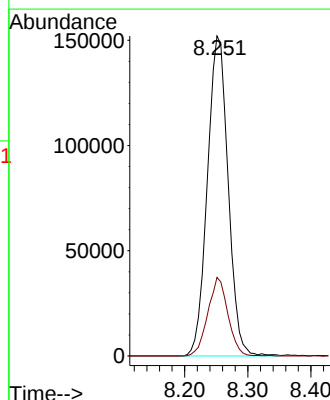
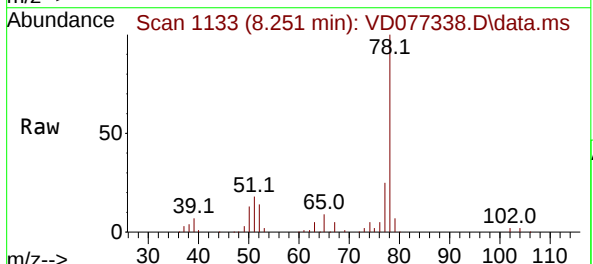
Acq: 17 Oct 2023 13:33

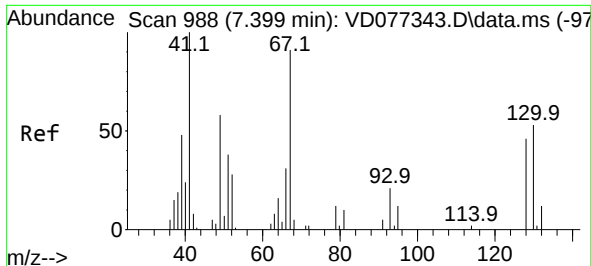
Tgt Ion: 78 Resp: 347351

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



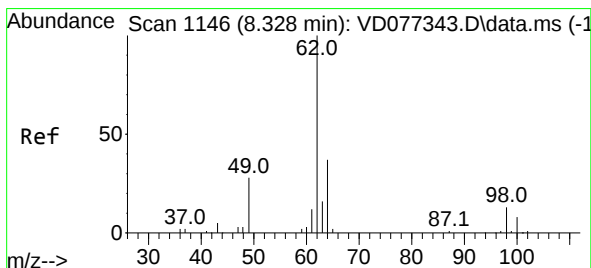
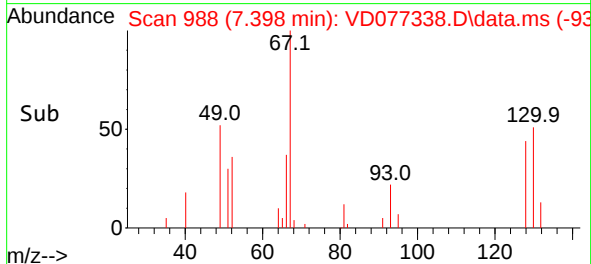
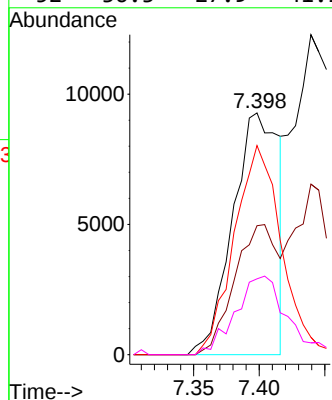
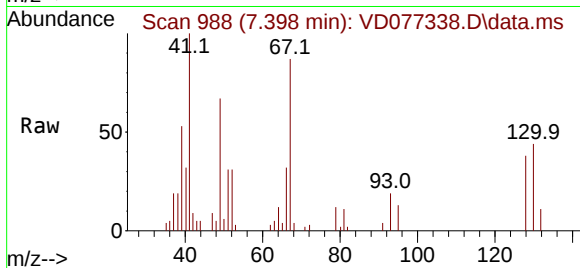


#41
Methacrylonitrile
Concen: 80.249 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 22552

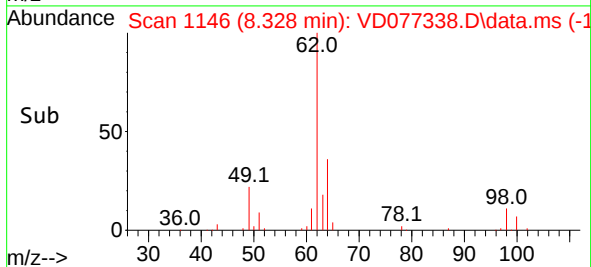
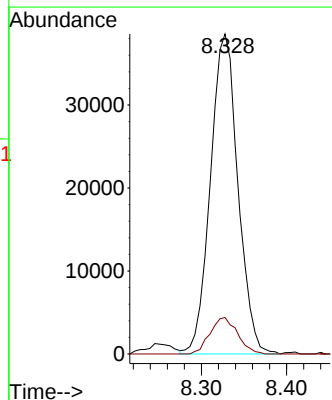
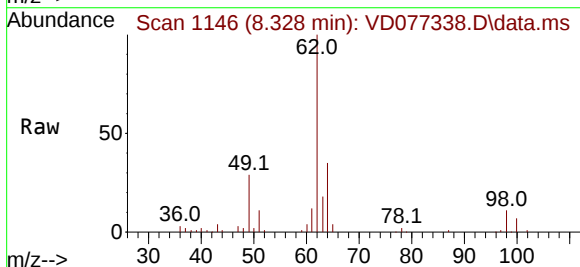
Ion	Ratio	Lower	Upper
41	100		
39	50.7	34.0	51.0
67	88.7	77.0	115.4
52	36.3	27.9	41.9

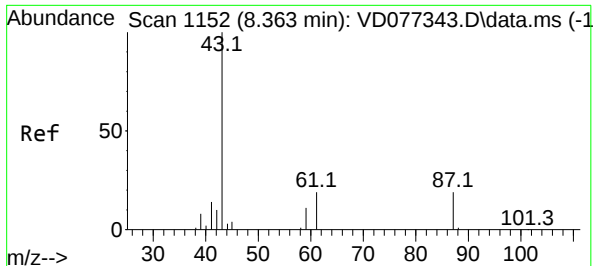


#42
1,2-Dichloroethane
Concen: 64.527 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 62 Resp: 86465

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	25.4

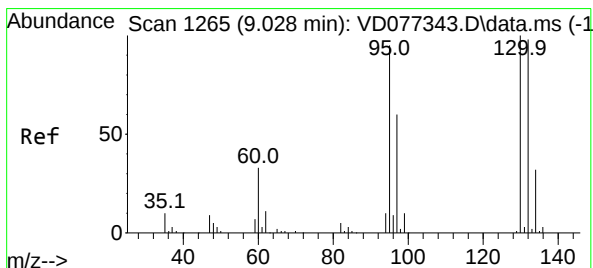
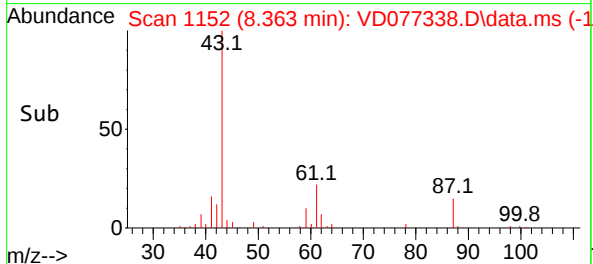
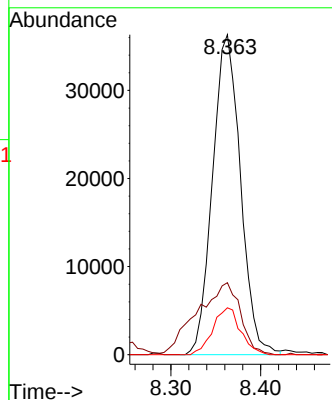
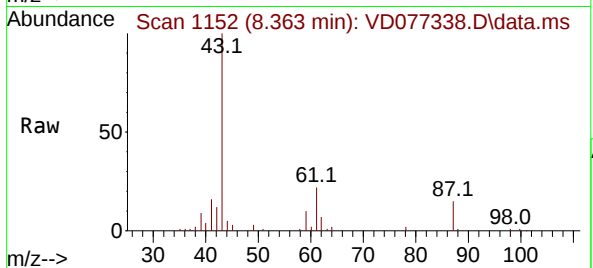




#43
Isopropyl Acetate
Concen: 74.132 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

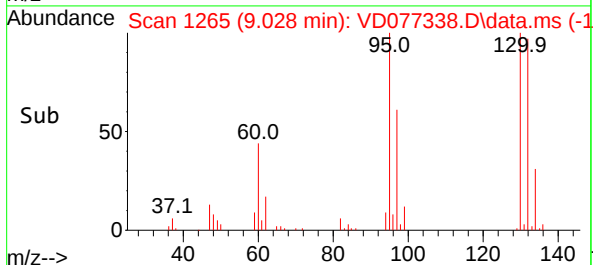
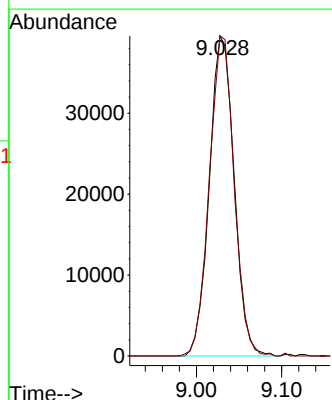
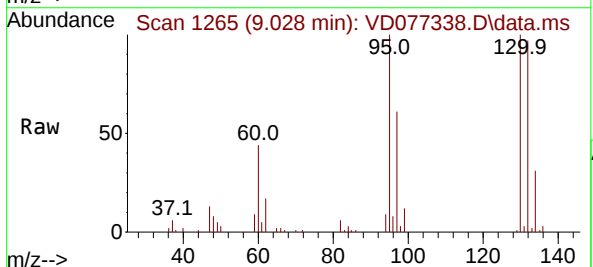
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

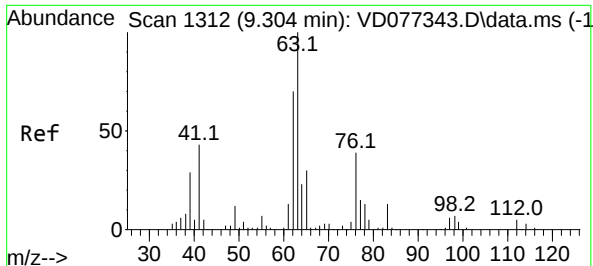
Tgt Ion: 43 Resp: 78586
Ion Ratio Lower Upper
43 100
61 34.8 31.4 47.0
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 47.982 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 130 Resp: 79806
Ion Ratio Lower Upper
130 100
95 100.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 66.419 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

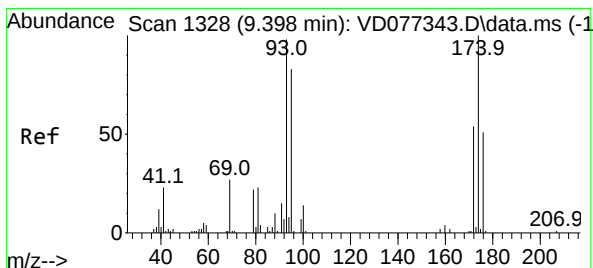
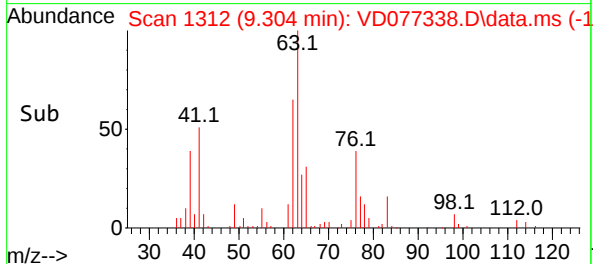
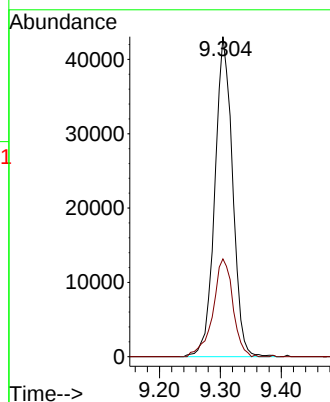
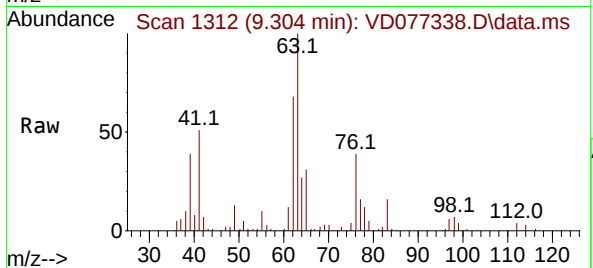
VSTDCCC050

Tgt Ion: 63 Resp: 87100

Ion Ratio Lower Upper

63 100

65 30.5 24.5 36.7



#46

Dibromomethane

Concen: 56.984 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

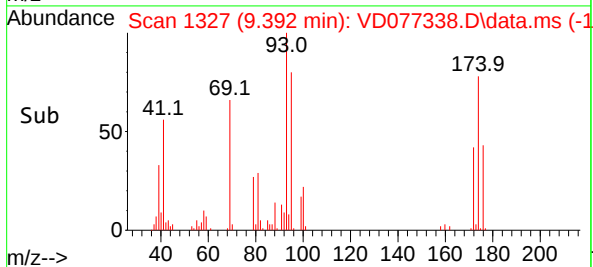
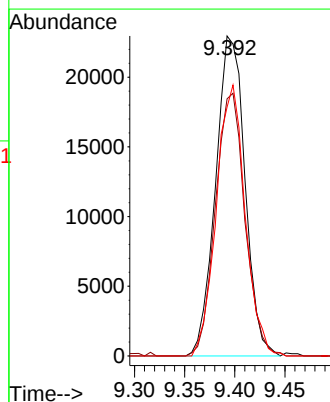
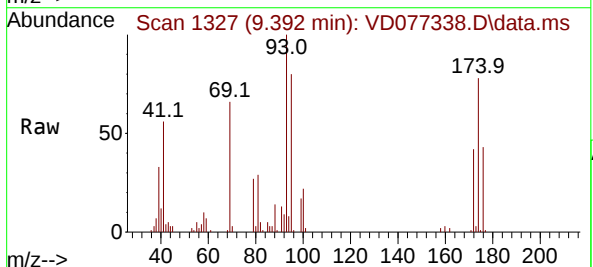
Tgt Ion: 93 Resp: 46718

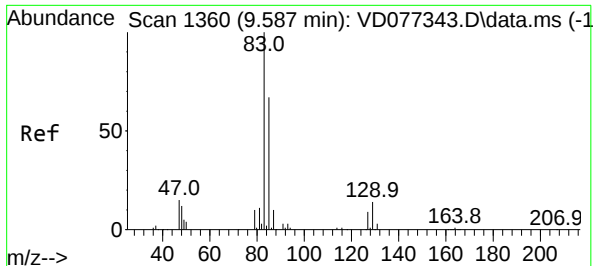
Ion Ratio Lower Upper

93 100

95 82.8 67.7 101.5

174 83.2 85.4 128.2#

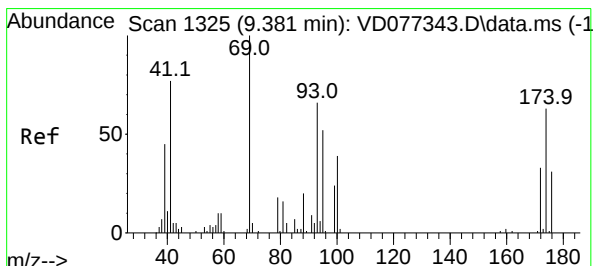
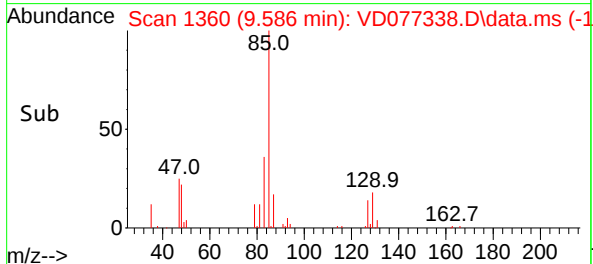
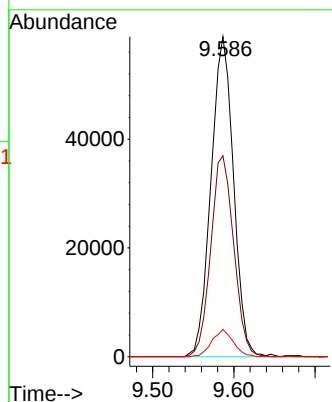
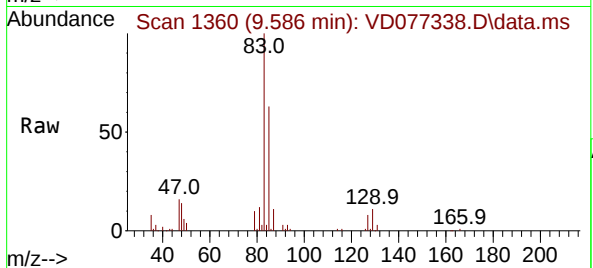




#47
Bromodichloromethane
Concen: 58.087 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

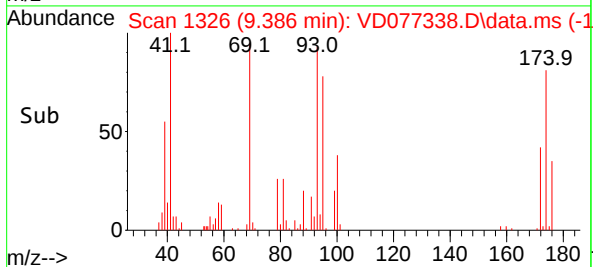
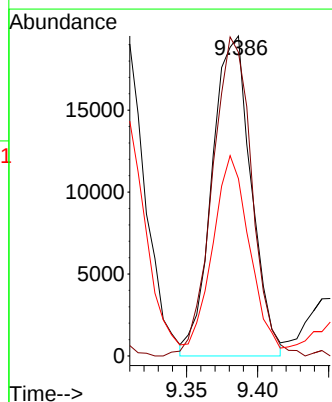
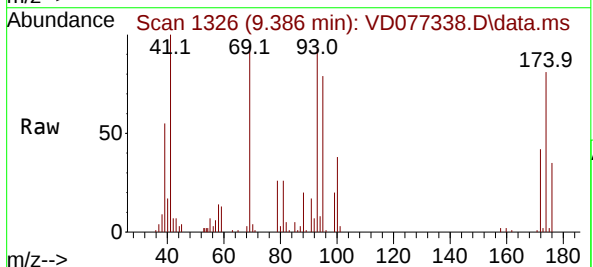
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

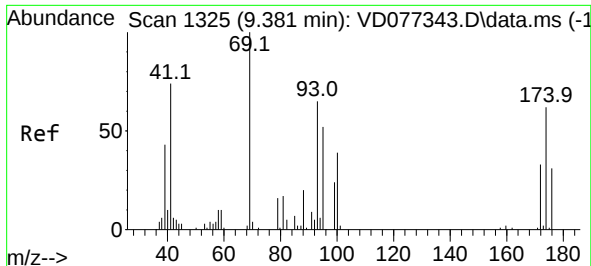
Tgt Ion: 83 Resp: 113556
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 77.961 ug/l
RT: 9.386 min Scan# 1326
Delta R.T. 0.005 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 41 Resp: 37387
Ion Ratio Lower Upper
41 100
69 100.4 102.2 153.2#
39 60.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1023.134 ug/l

RT: 9.386 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

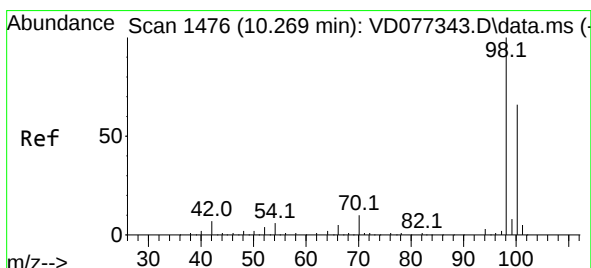
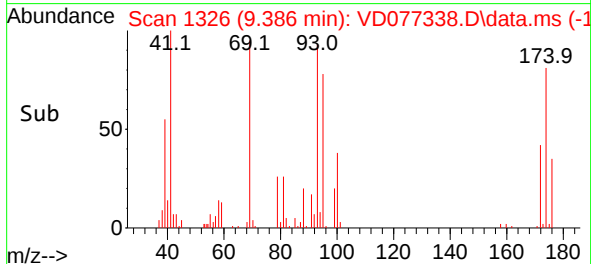
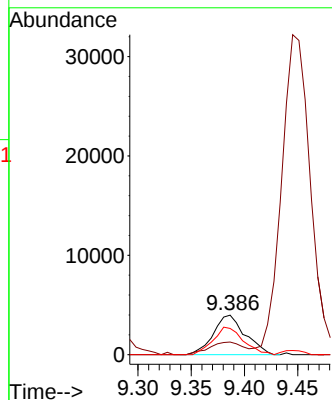
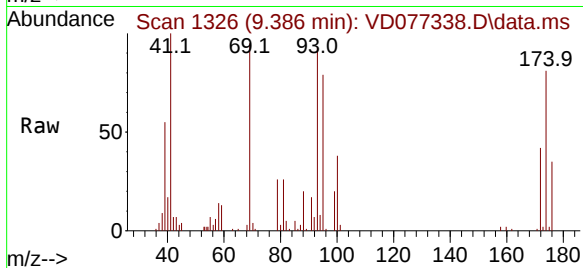
Tgt Ion: 88 Resp: 8247

Ion Ratio Lower Upper

88 100

43 33.9 19.0 28.6#

58 65.9 43.5 65.3#



#50

Toluene-d8

Concen: 56.042 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077338.D

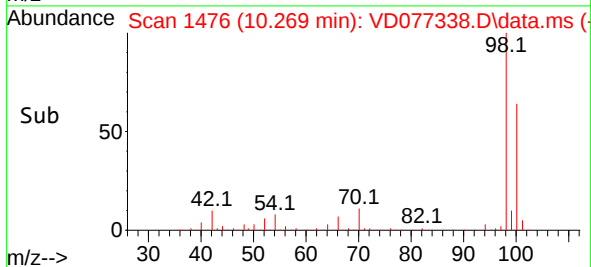
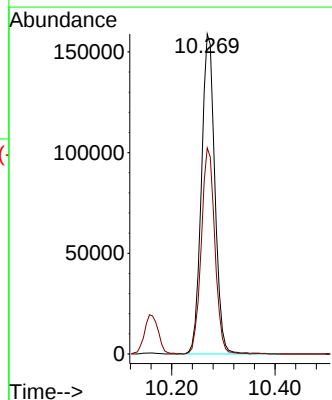
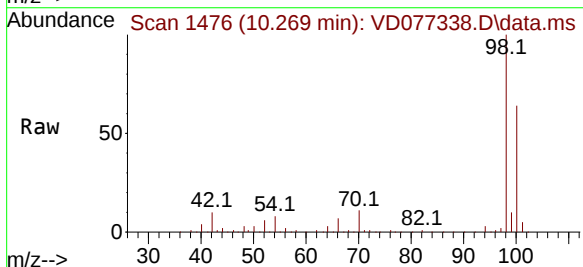
Acq: 17 Oct 2023 13:33

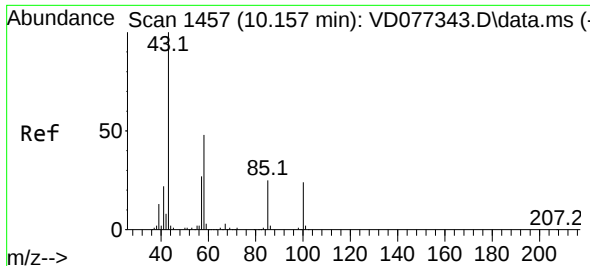
Tgt Ion: 98 Resp: 286335

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

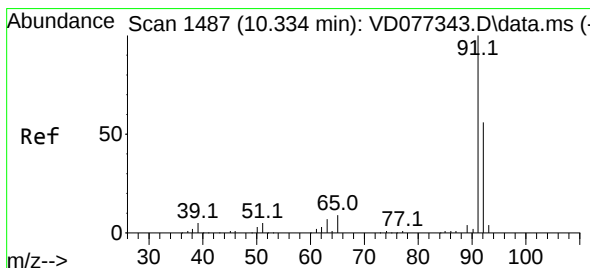
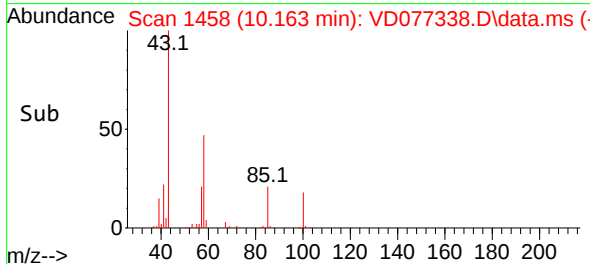
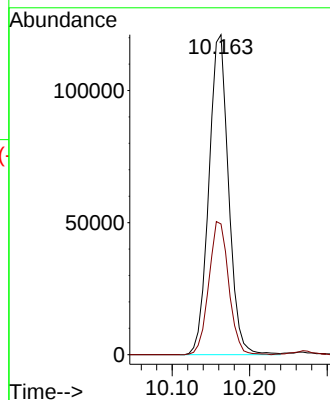
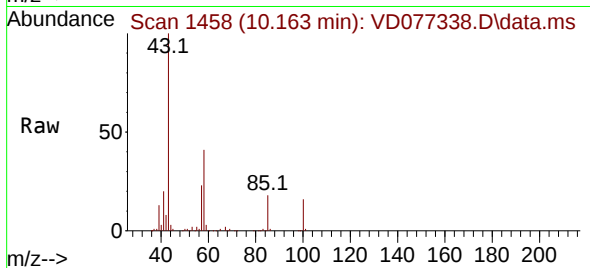




#51
4-Methyl-2-Pentanone
Concen: 402.109 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

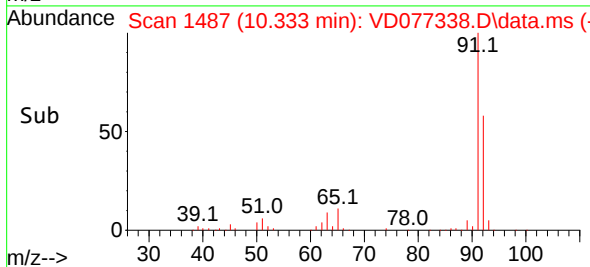
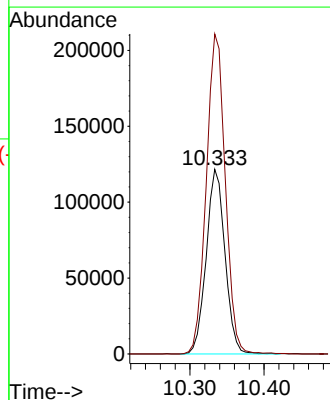
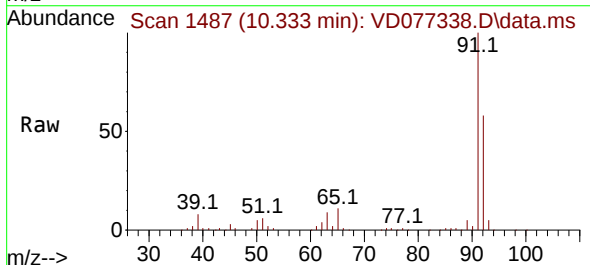
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

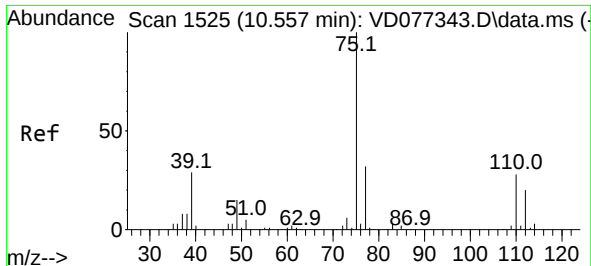
Tgt Ion: 43 Resp: 213679
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3



#52
Toluene
Concen: 57.657 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 92 Resp: 214159
Ion Ratio Lower Upper
92 100
91 175.5 143.0 214.4

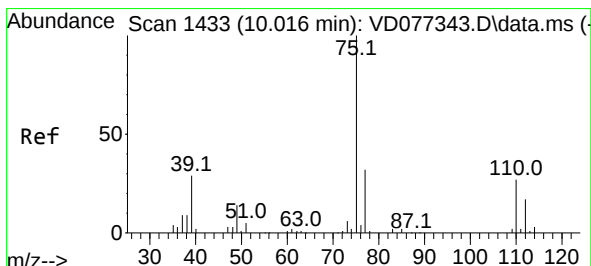
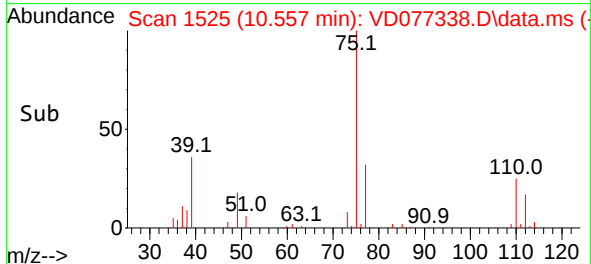
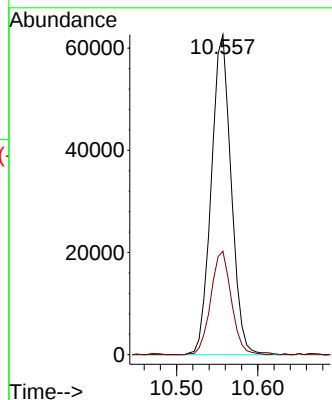
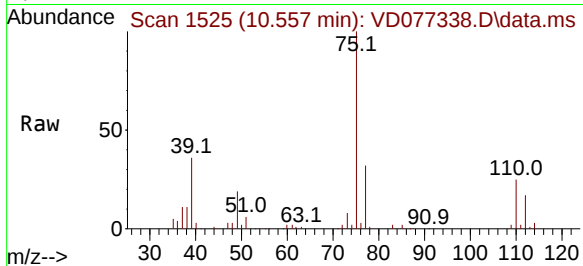




#53
t-1,3-Dichloropropene
Concen: 60.725 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

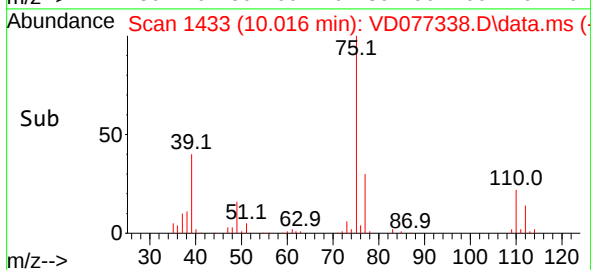
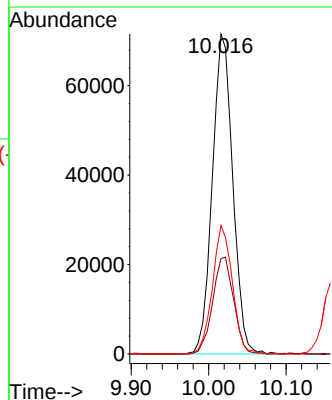
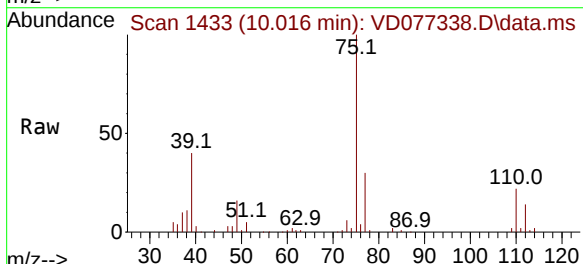
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

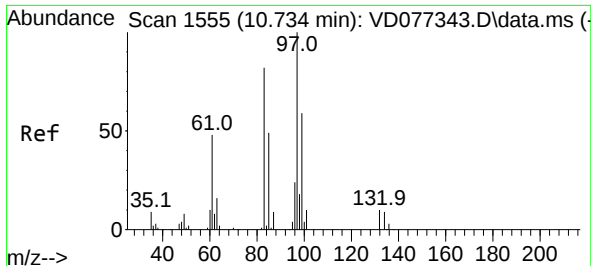
Tgt Ion: 75 Resp: 106558
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 61.026 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 75 Resp: 131022
Ion Ratio Lower Upper
75 100
77 29.8 25.5 38.3
39 40.2 22.1 33.1#

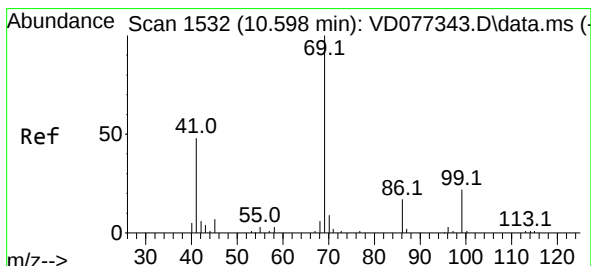
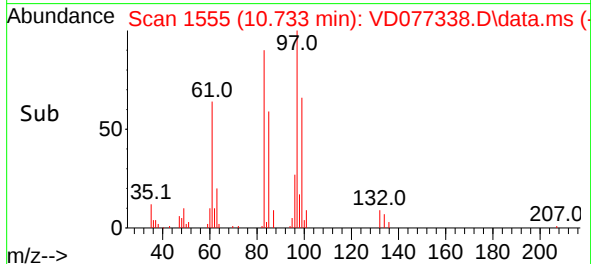
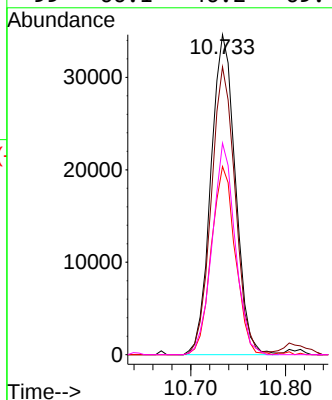
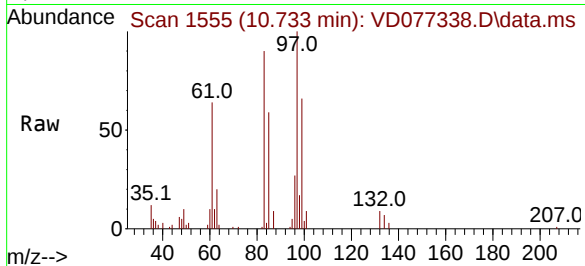




#55
1,1,2-Trichloroethane
Concen: 54.836 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

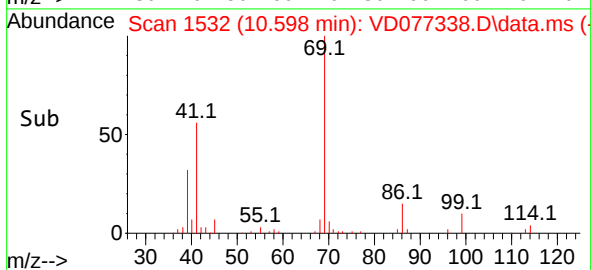
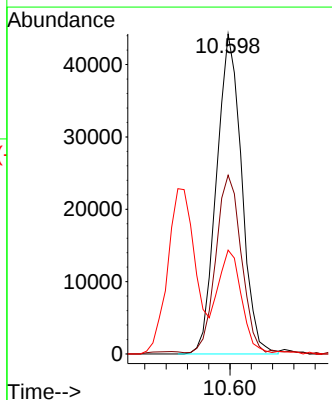
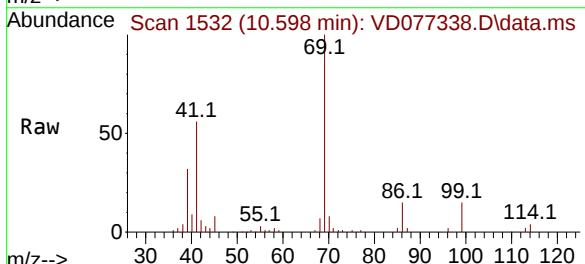
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

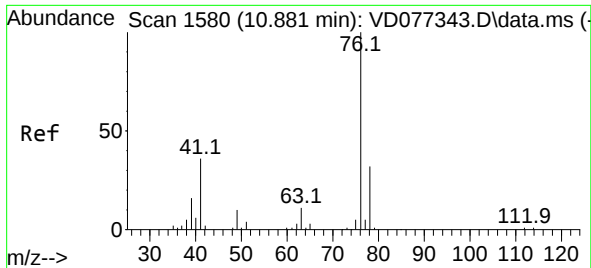
Tgt Ion: 97	Resp: 62267
Ion Ratio	Lower Upper
97 100	
83 89.9	65.8 98.6
85 58.8	45.7 68.5
99 66.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 66.650 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 69	Resp: 72329
Ion Ratio	Lower Upper
69 100	
41 58.0	39.1 58.7
39 29.8	20.0 30.0





#57

1,3-Dichloropropane

Concen: 61.552 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

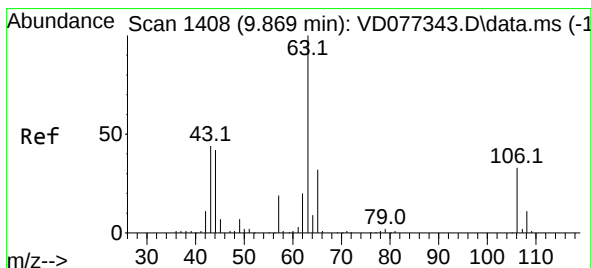
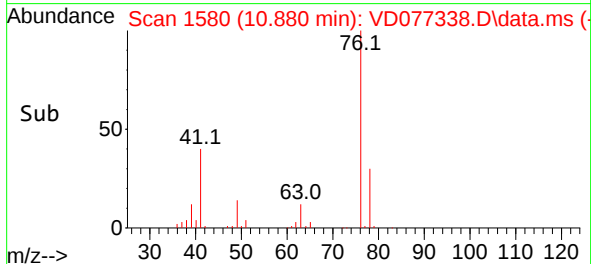
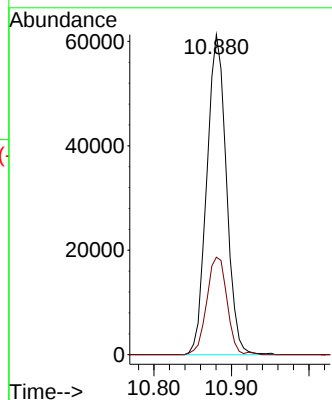
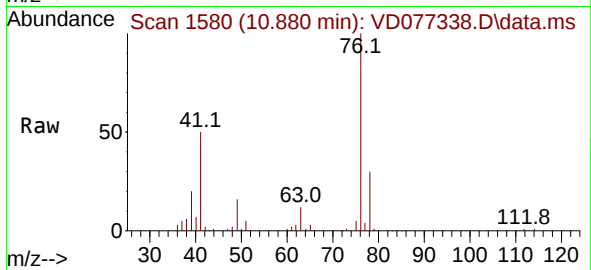
VSTDCCC050

Tgt Ion: 76 Resp: 107364

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 238.247 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077338.D

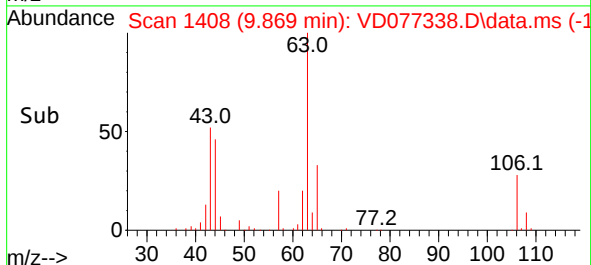
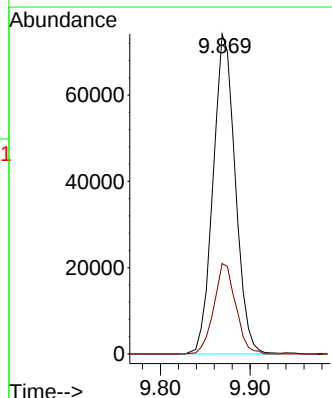
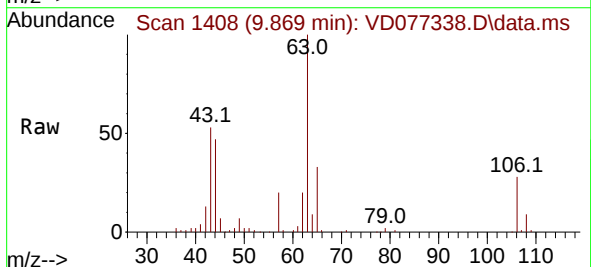
Acq: 17 Oct 2023 13:33

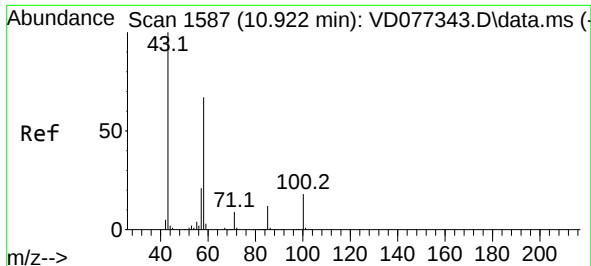
Tgt Ion: 63 Resp: 127857

Ion Ratio Lower Upper

63 100

106 27.7 25.3 37.9

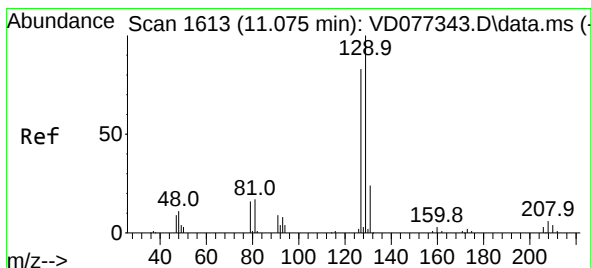
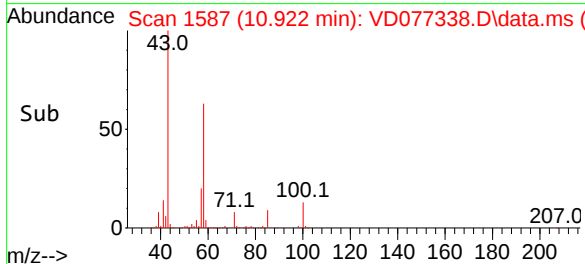
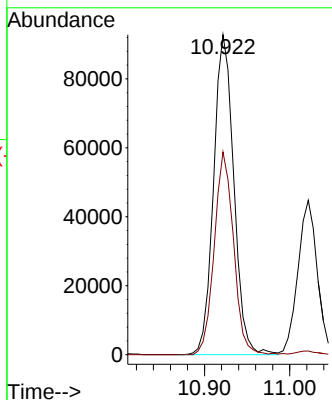
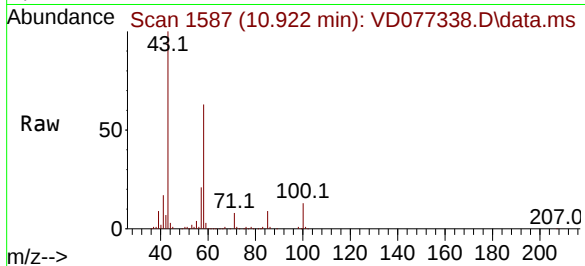




#59
2-Hexanone
Concen: 401.667 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

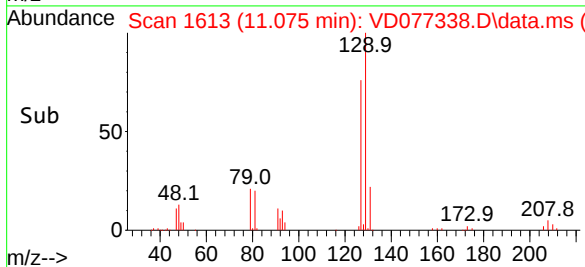
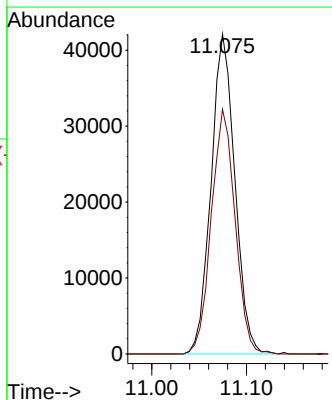
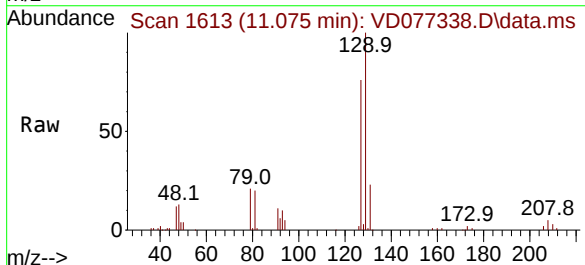
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

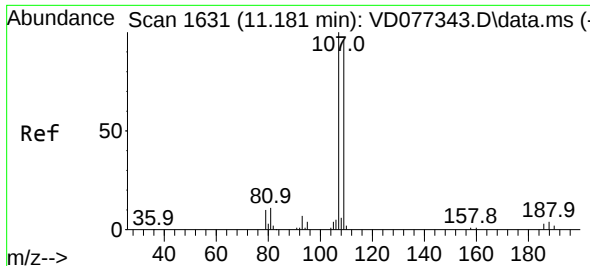
Tgt Ion: 43 Resp: 153299
Ion Ratio Lower Upper
43 100
58 60.5 34.1 102.2



#60
Dibromochloromethane
Concen: 50.850 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 129 Resp: 73729
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5

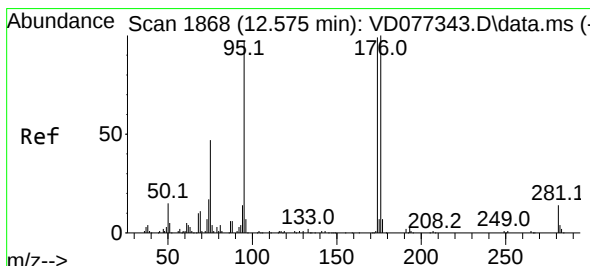
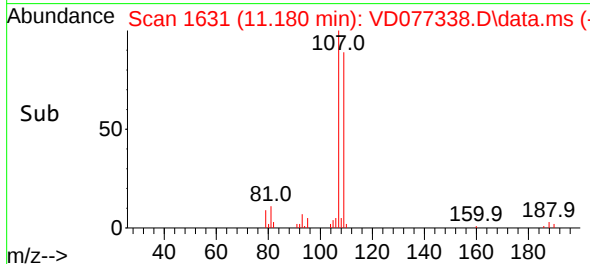
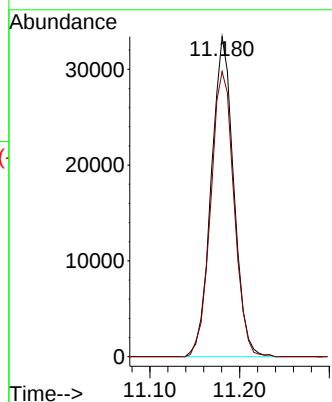
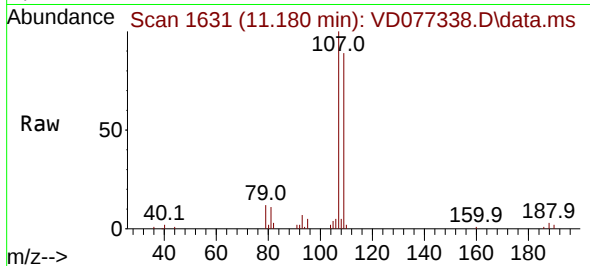




#61
1,2-Dibromoethane
Concen: 54.130 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

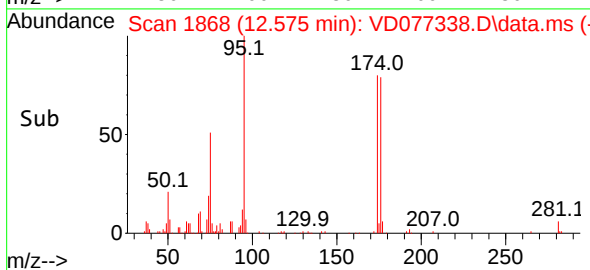
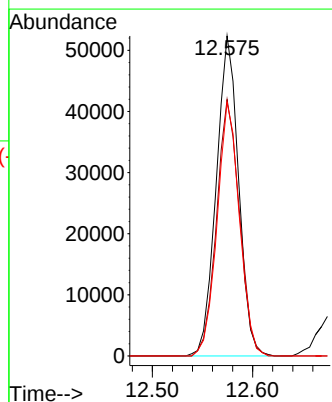
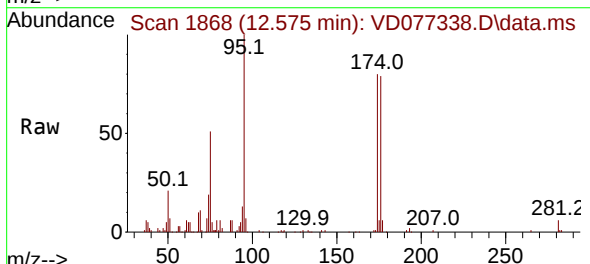
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

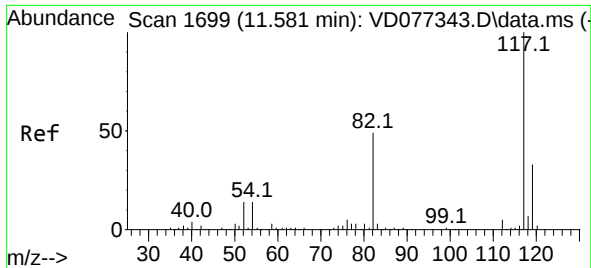
Tgt Ion:107 Resp: 57919
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.020 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 95 Resp: 80922
Ion Ratio Lower Upper
95 100
174 82.2 0.0 201.8
176 79.3 0.0 191.8

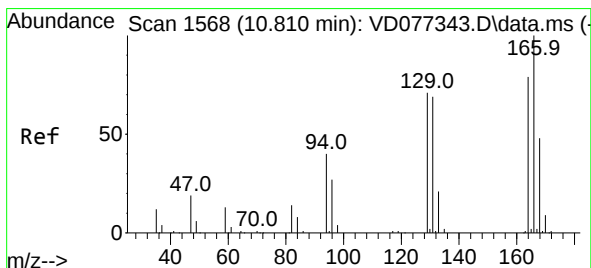
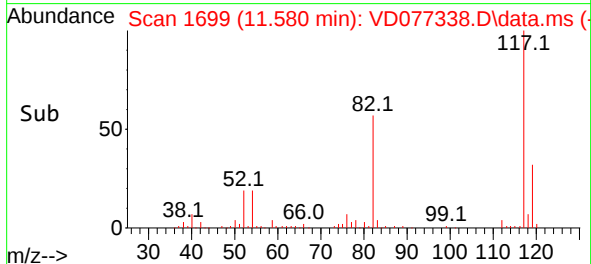
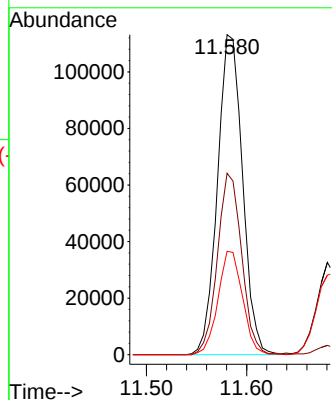
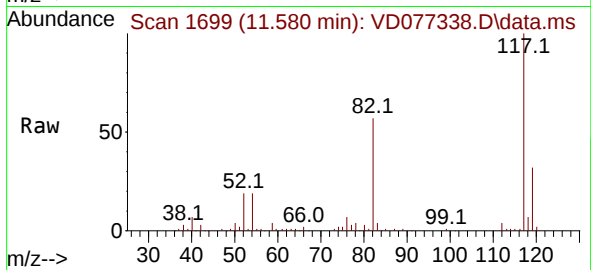




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

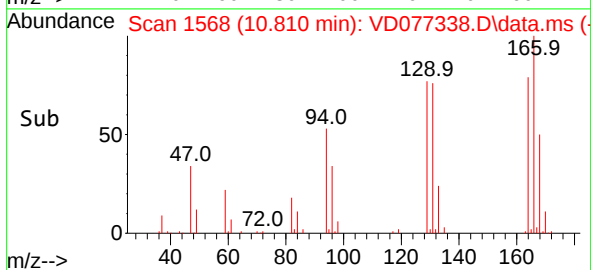
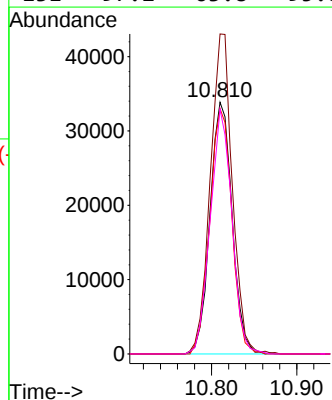
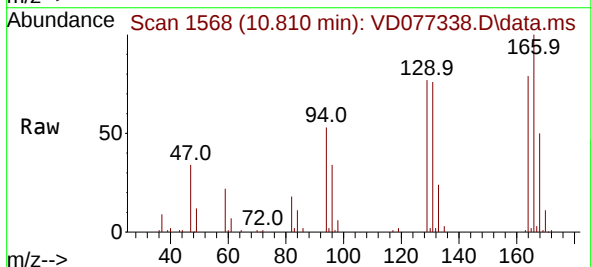
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

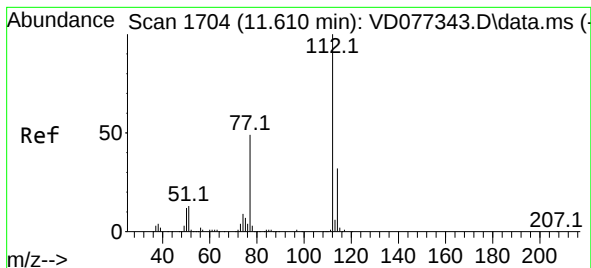
Tgt Ion:117 Resp: 196548
Ion Ratio Lower Upper
117 100
82 56.7 38.3 57.5
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 41.734 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:164 Resp: 60968
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 97.5 68.4 102.6
131 97.2 63.8 95.8#

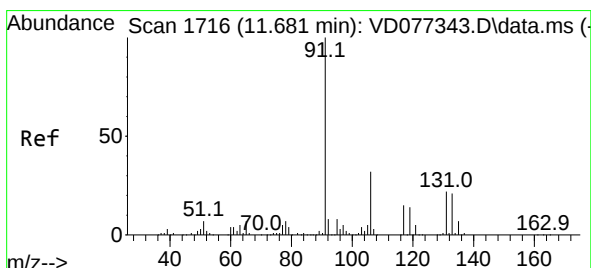
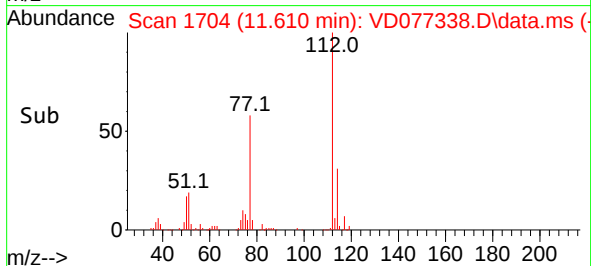
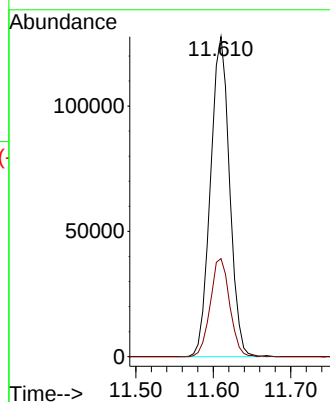
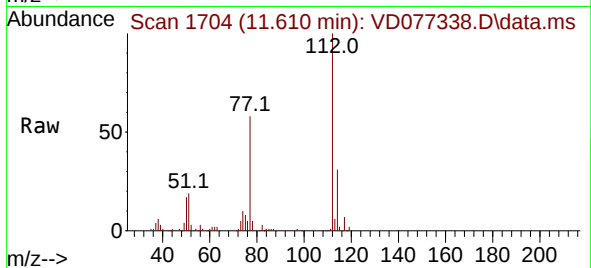




#65
Chlorobenzene
Concen: 50.904 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

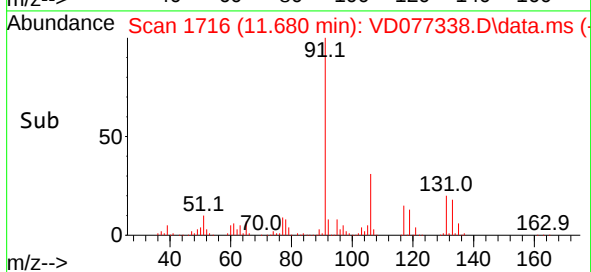
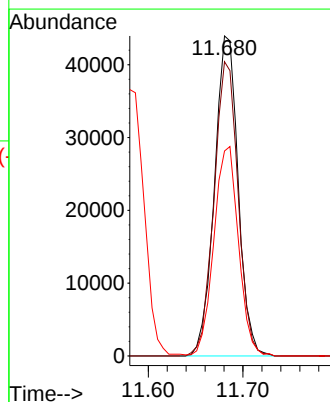
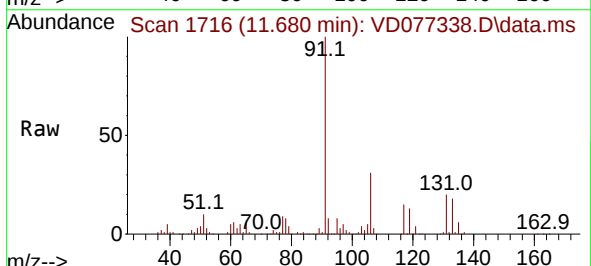
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

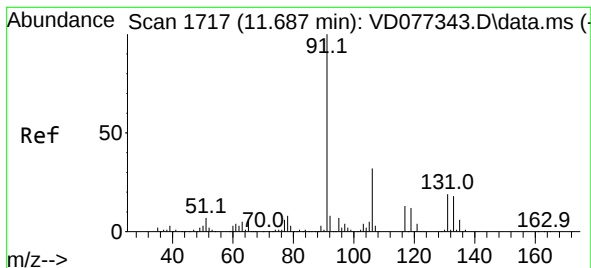
Tgt Ion:112 Resp: 218082
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.928 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:131 Resp: 76424
Ion Ratio Lower Upper
131 100
133 93.4 48.5 145.5
119 68.0 35.6 106.9





#67

Ethyl Benzene

Concen: 55.695 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

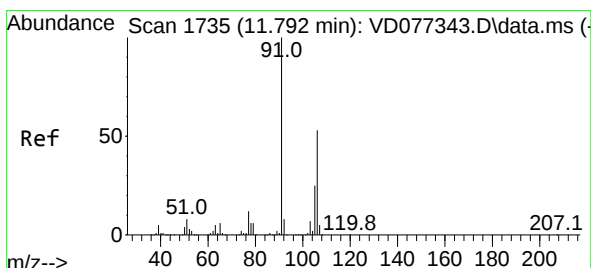
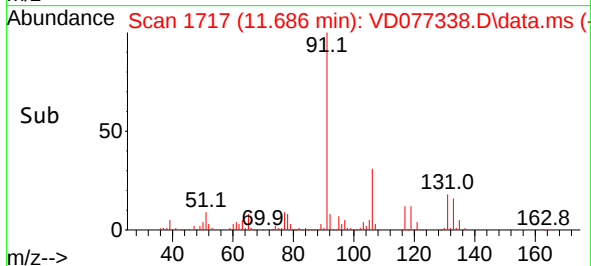
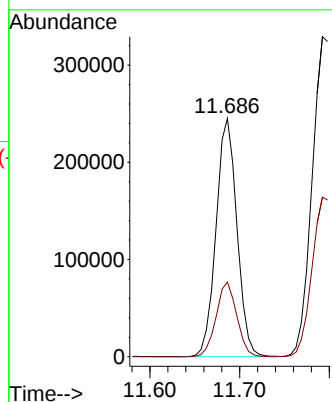
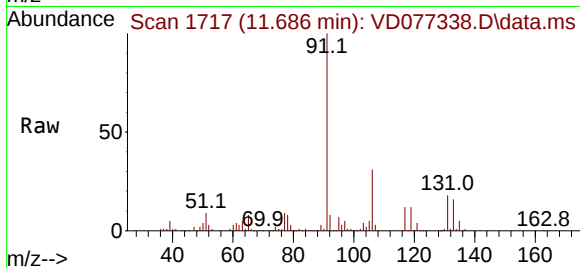
VSTDCCC050

Tgt Ion: 91 Resp: 395533

Ion Ratio Lower Upper

91 100

106 31.4 26.5 39.7



#68

m/p-Xylenes

Concen: 107.484 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077338.D

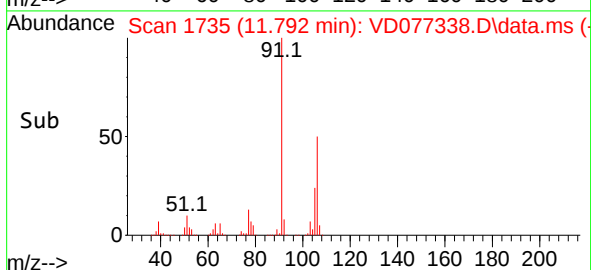
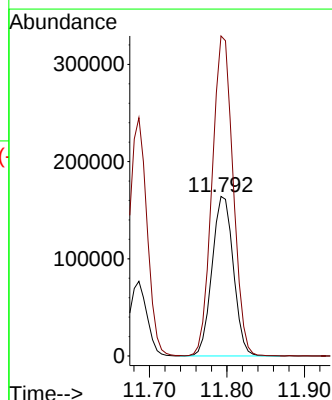
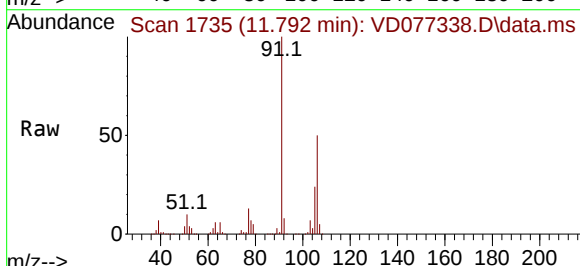
Acq: 17 Oct 2023 13:33

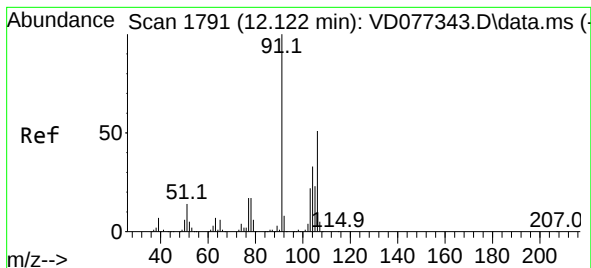
Tgt Ion:106 Resp: 313451

Ion Ratio Lower Upper

106 100

91 197.8 147.0 220.6





#69

o-Xylene

Concen: 53.637 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

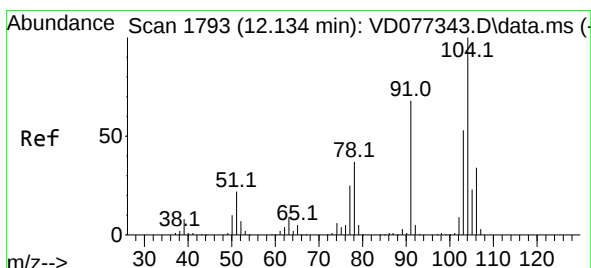
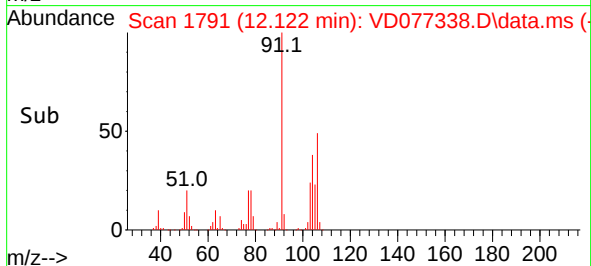
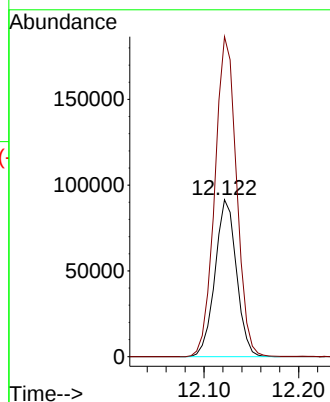
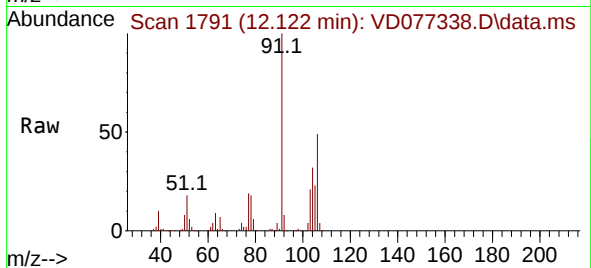
VSTDCCC050

Tgt Ion:106 Resp: 143995

Ion Ratio Lower Upper

106 100

91 206.5 97.9 293.6



#70

Styrene

Concen: 55.900 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

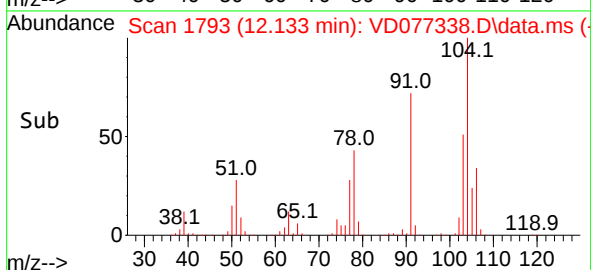
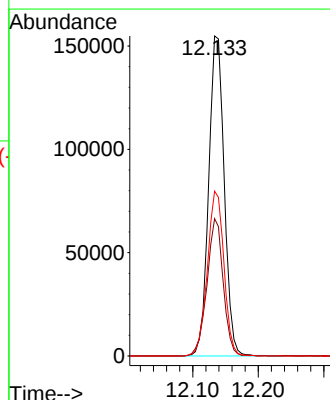
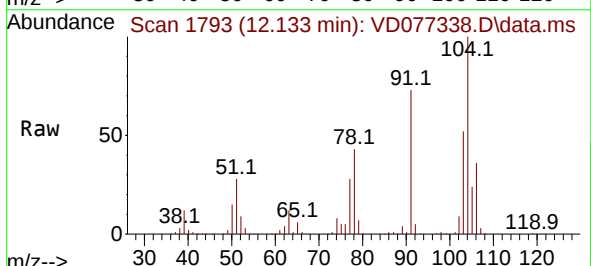
Tgt Ion:104 Resp: 256041

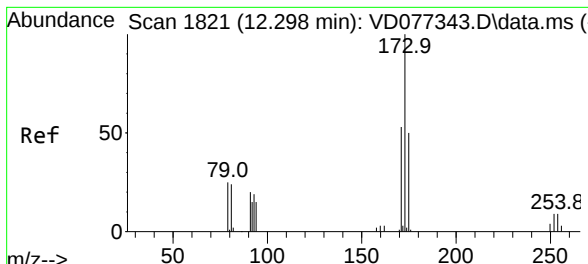
Ion Ratio Lower Upper

104 100

78 44.8 33.2 49.8

103 54.9 43.6 65.4

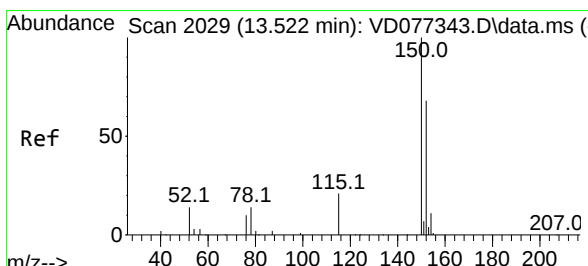
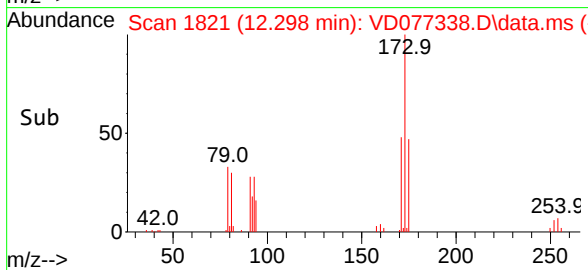
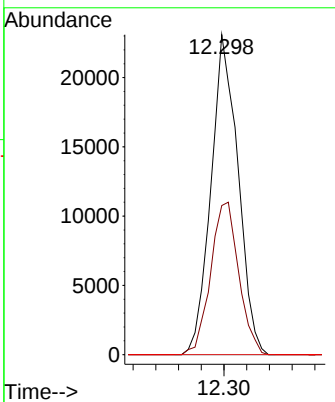
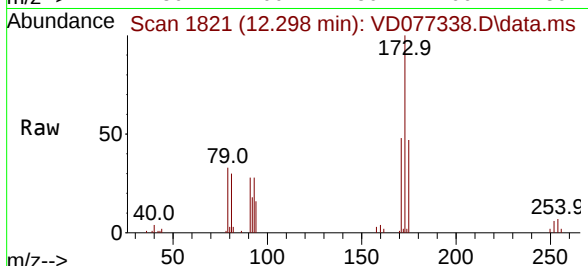




#71
 Bromoform
 Concen: 42.816 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

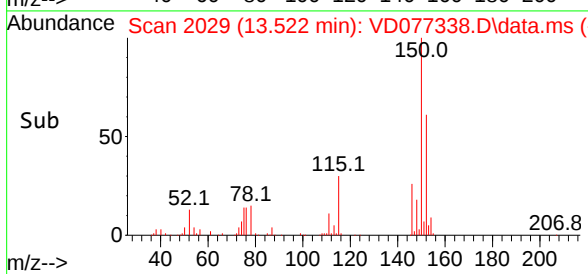
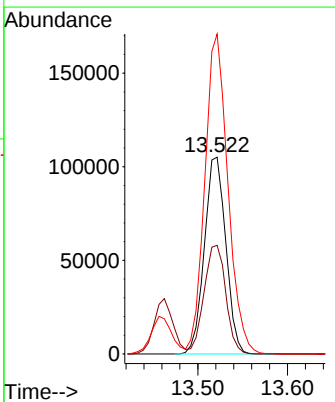
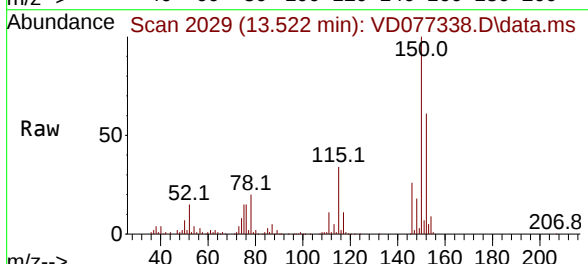
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

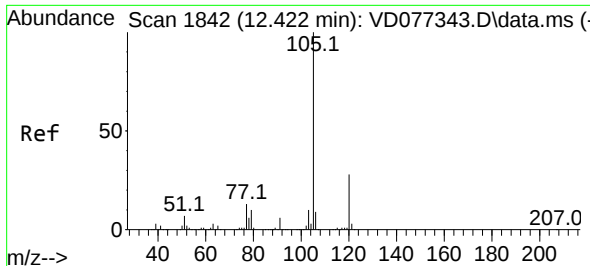
Tgt Ion:	173	Resp:	38223
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

Tgt Ion:	152	Resp:	174372
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.1	81.3
150	174.9	0.0	353.6

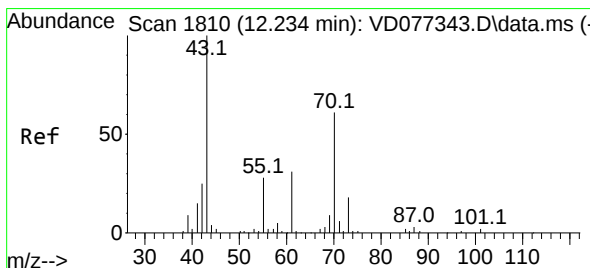
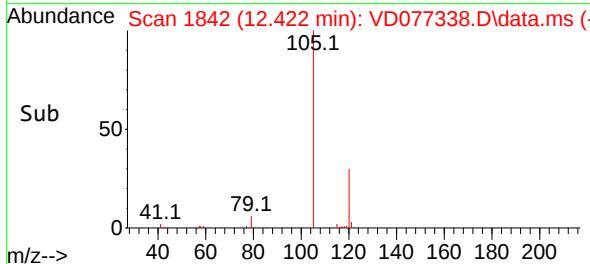
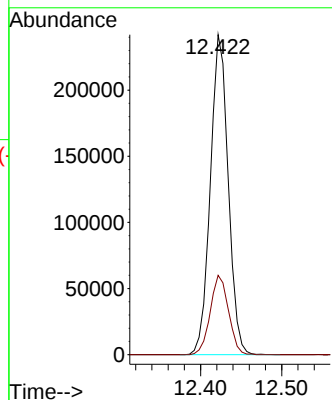
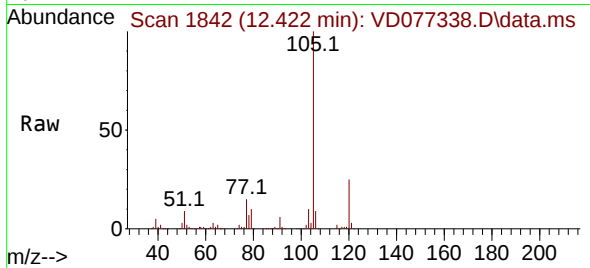




#73
Isopropylbenzene
Concen: 31.968 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

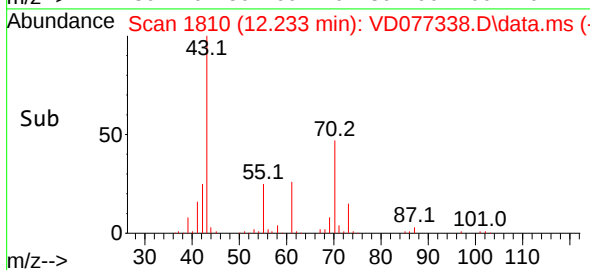
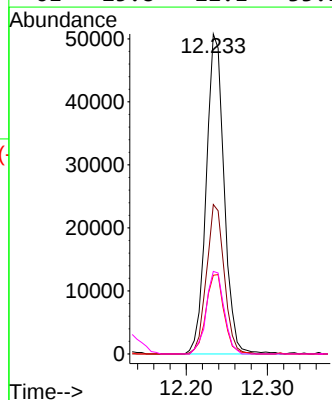
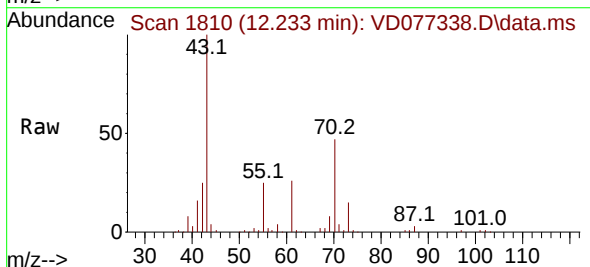
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

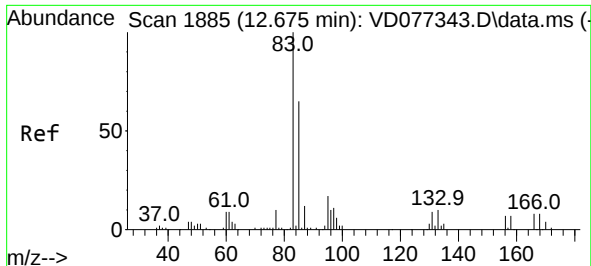
Tgt Ion:105 Resp: 368715
Ion Ratio Lower Upper
105 100
120 25.4 14.3 42.9



#74
N-ethyl acetate
Concen: 46.726 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 43 Resp: 77529
Ion Ratio Lower Upper
43 100
70 46.3 45.0 67.4
55 25.2 23.8 35.6
61 25.8 22.1 33.1

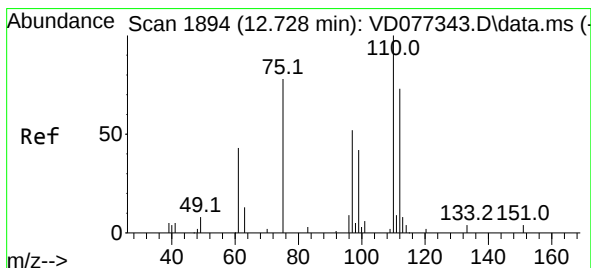
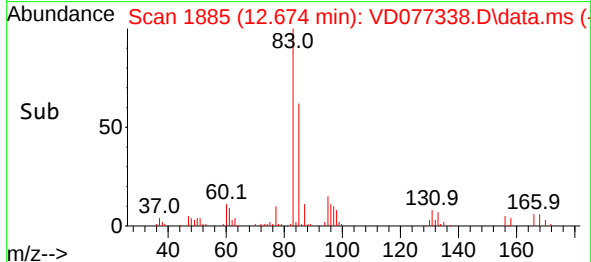
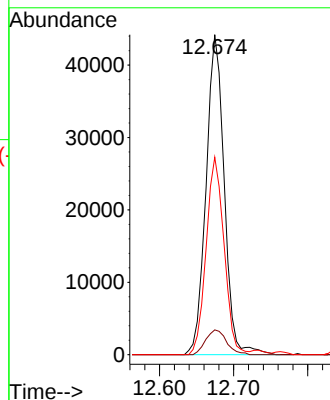
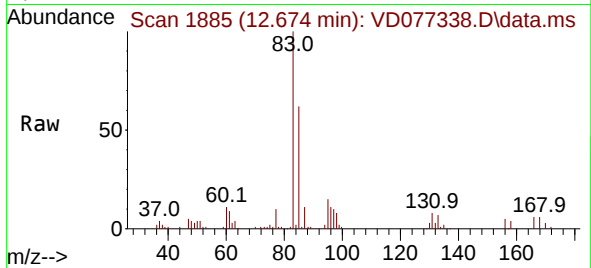




#75
 1,1,2,2-Tetrachloroethane
 Concen: 35.946 ug/l
 RT: 12.674 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

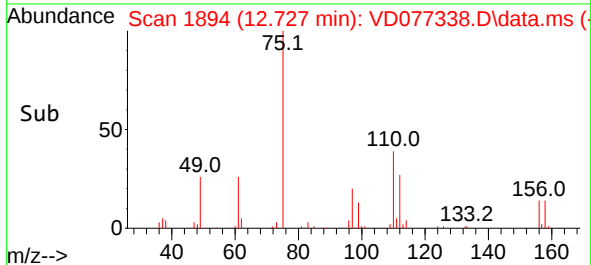
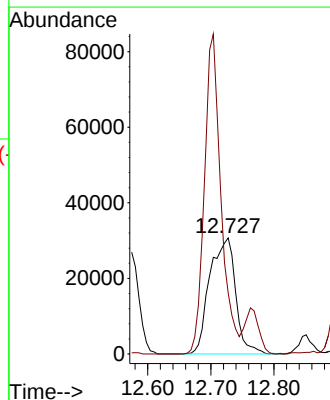
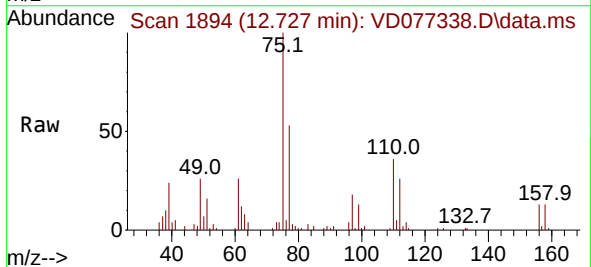
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

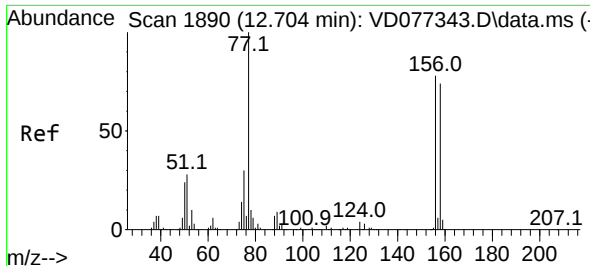
Tgt Ion: 83 Resp: 75339
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.1 15.3
 85 60.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 37.714 ug/l
 RT: 12.727 min Scan# 1894
 Delta R.T. -0.001 min
 Lab File: VD077338.D
 Acq: 17 Oct 2023 13:33

Tgt Ion: 75 Resp: 87592
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

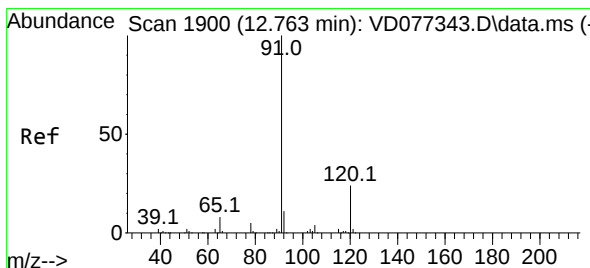
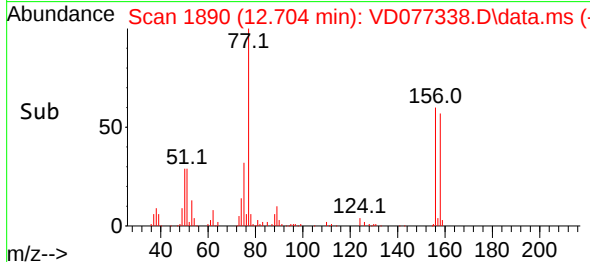
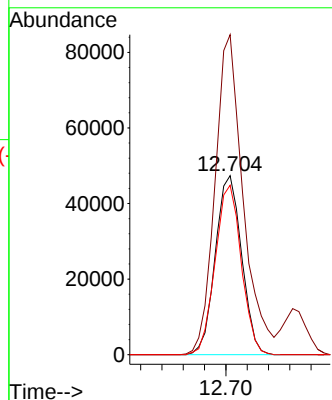
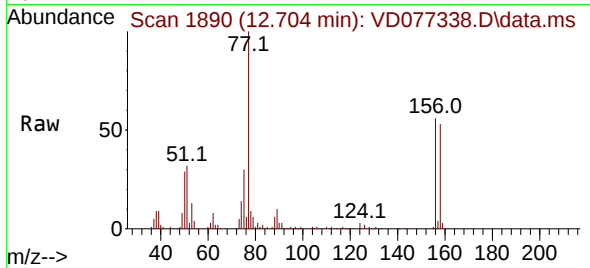




#77
Bromobenzene
Concen: 26.778 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

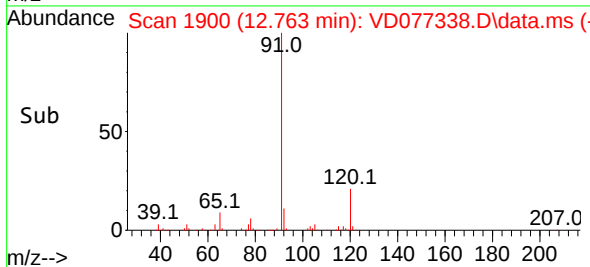
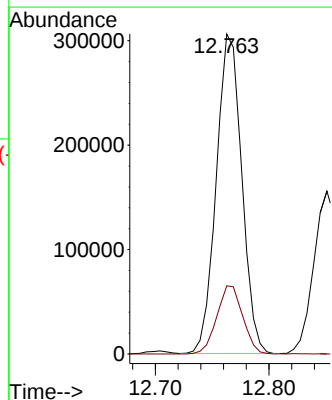
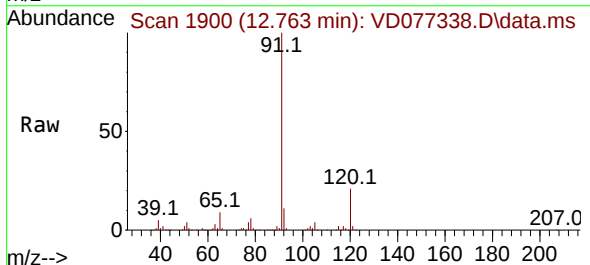
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

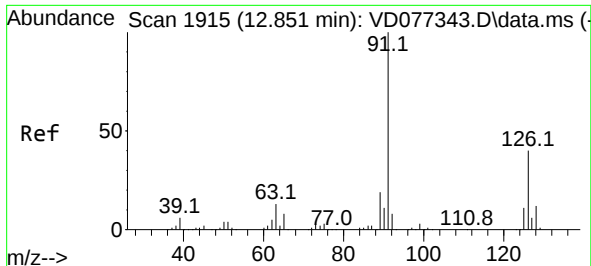
Tgt Ion:156 Resp: 81084
Ion Ratio Lower Upper
156 100
77 191.0 76.8 230.4
158 94.1 48.6 145.9



#78
n-propylbenzene
Concen: 34.354 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 91 Resp: 477189
Ion Ratio Lower Upper
91 100
120 21.7 12.4 37.2

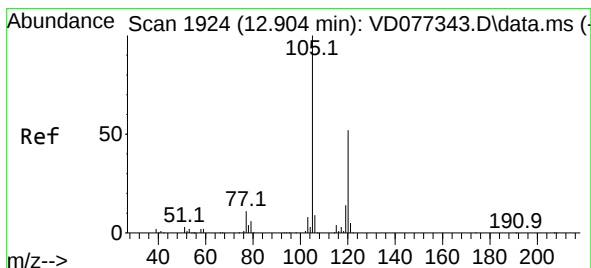
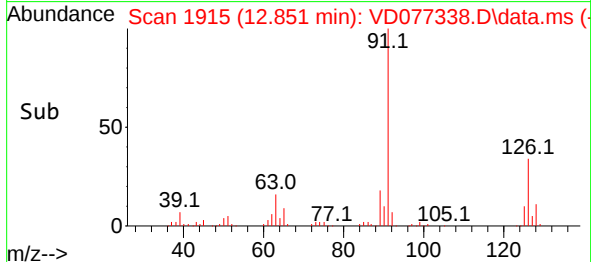
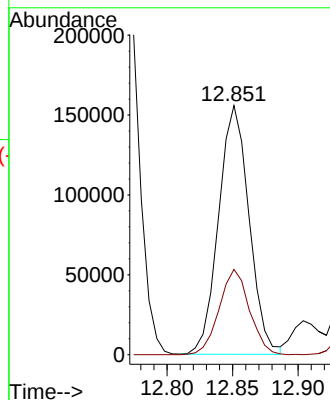
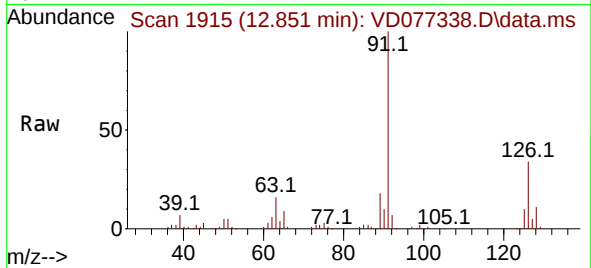




#79
2-Chlorotoluene
Concen: 33.342 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

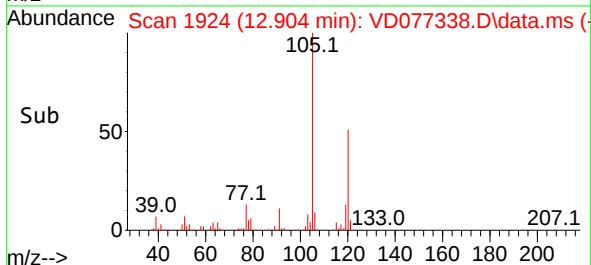
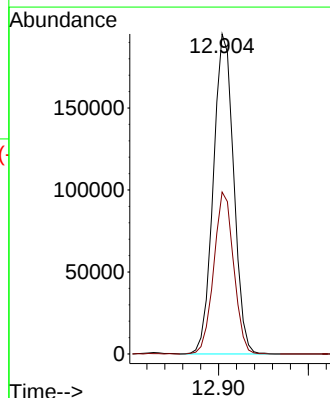
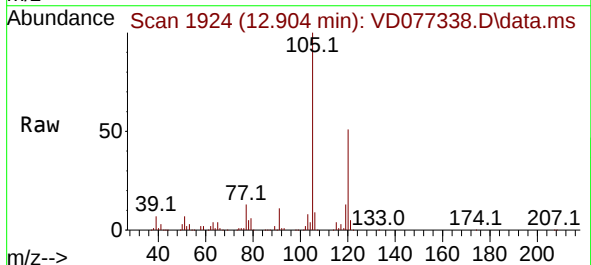
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

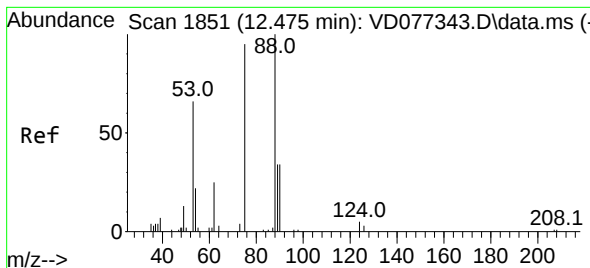
Tgt Ion: 91 Resp: 252261
Ion Ratio Lower Upper
91 100
126 33.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 32.307 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 105 Resp: 307495
Ion Ratio Lower Upper
105 100
120 49.5 26.4 79.2

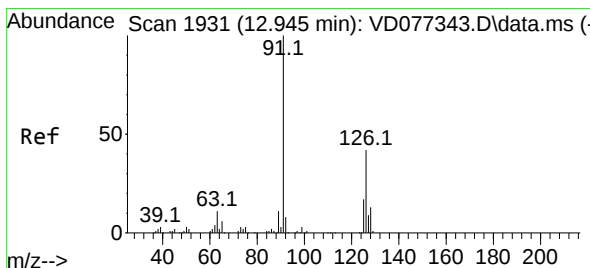
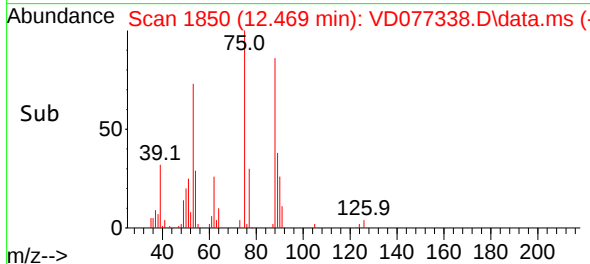
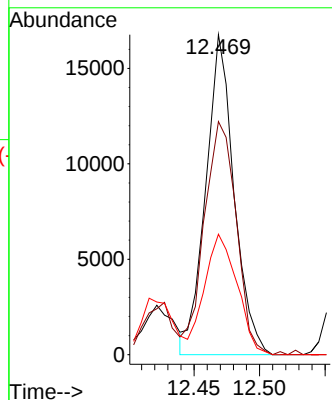
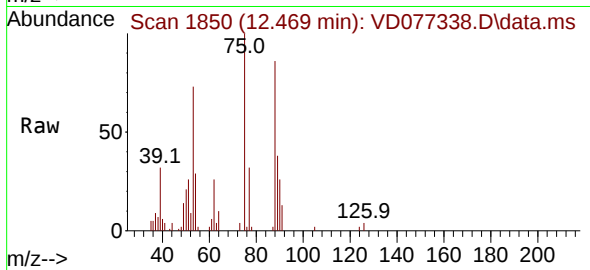




#81
trans-1,4-Dichloro-2-butene
Concen: 38.594 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

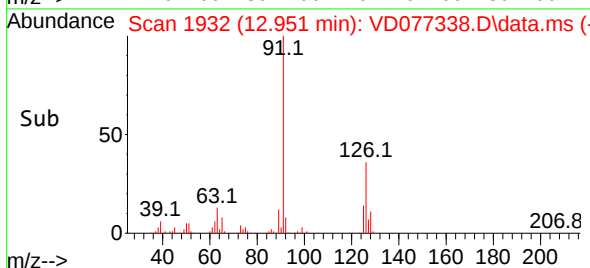
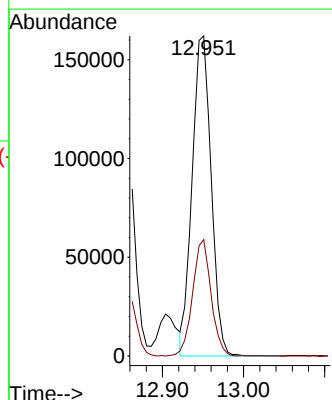
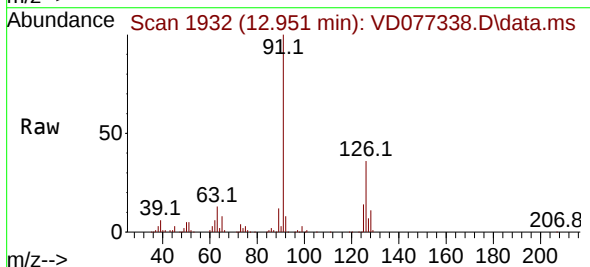
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

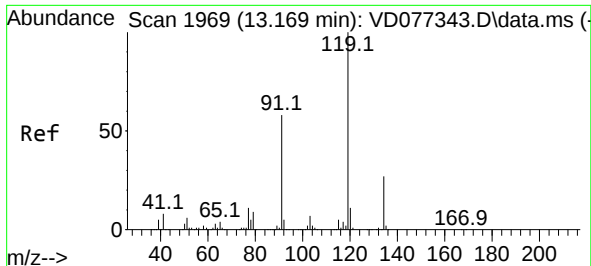
Tgt Ion: 75 Resp: 25115
Ion Ratio Lower Upper
75 100
53 82.6 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 33.601 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 91 Resp: 264669
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4

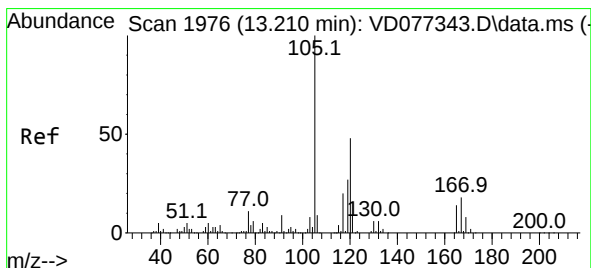
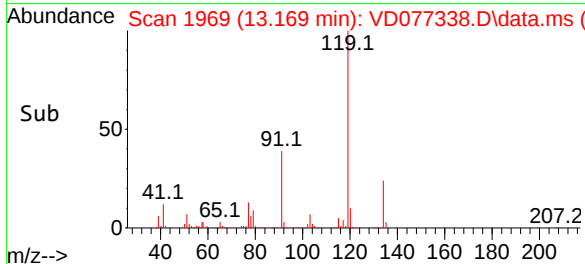
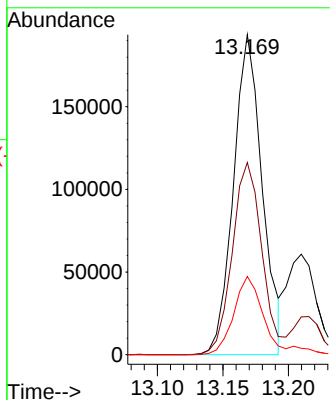
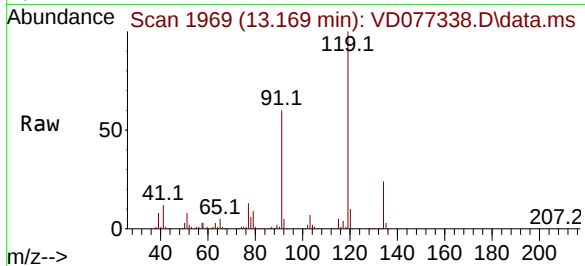




#83
tert-Butylbenzene
Concen: 35.048 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

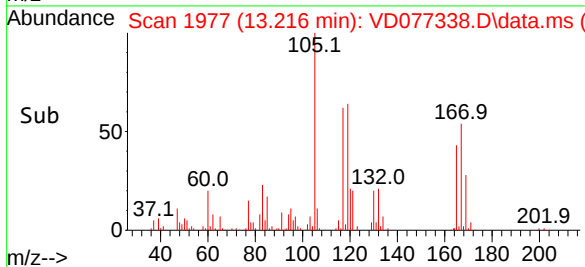
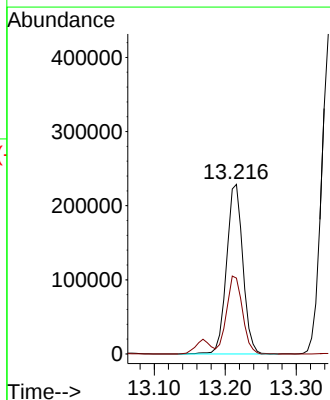
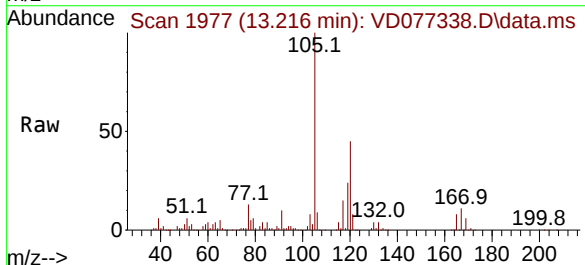
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

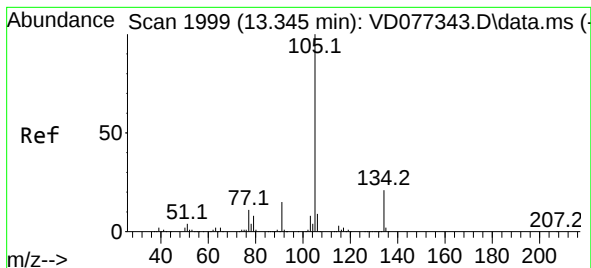
Tgt Ion:119 Resp: 295747
Ion Ratio Lower Upper
119 100
91 62.3 29.3 87.8
134 26.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 37.862 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:105 Resp: 362819
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.988 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

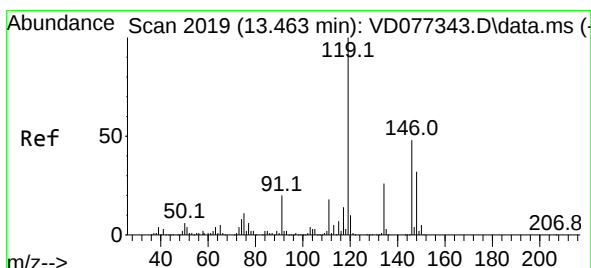
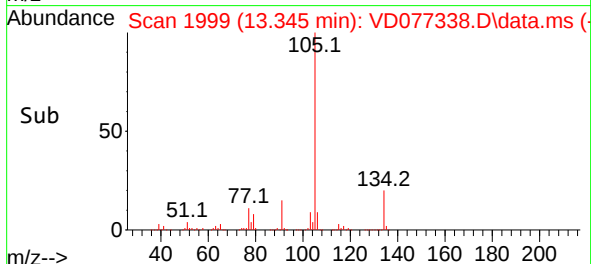
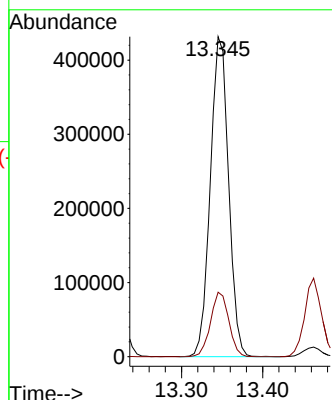
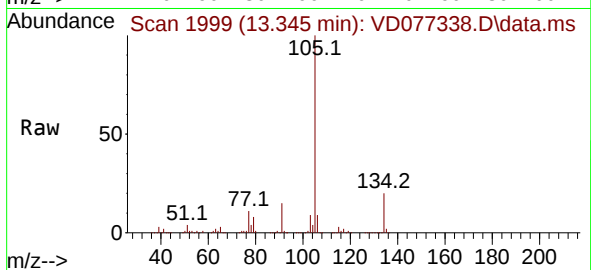
VSTDCCC050

Tgt Ion:105 Resp: 672849

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 51.713 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

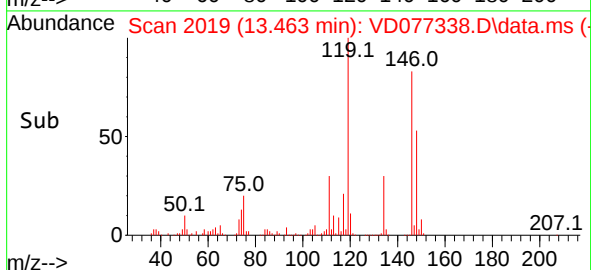
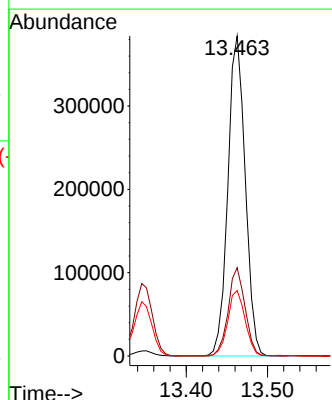
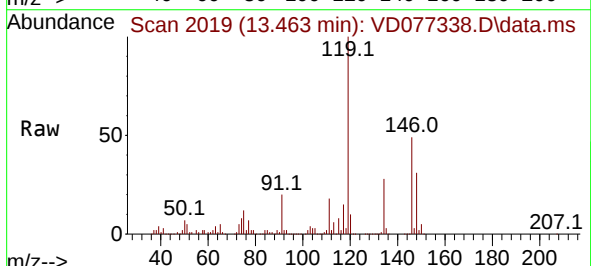
Tgt Ion:119 Resp: 570471

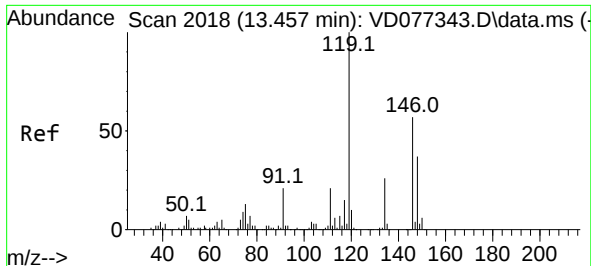
Ion Ratio Lower Upper

119 100

134 26.7 14.2 42.6

91 20.6 10.5 31.5

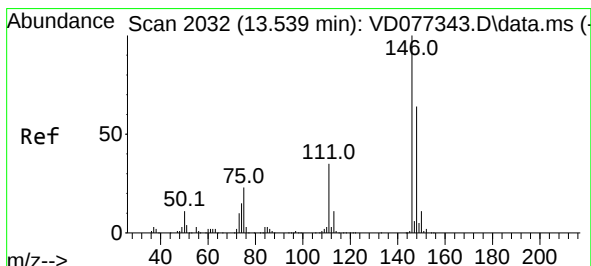
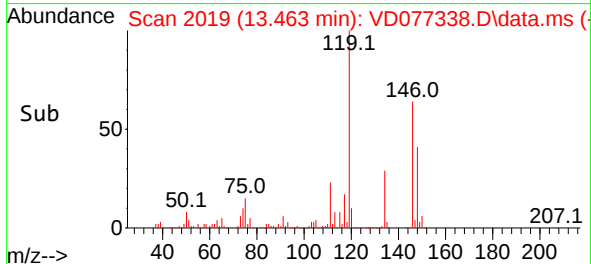
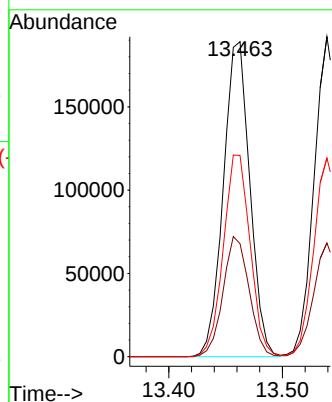
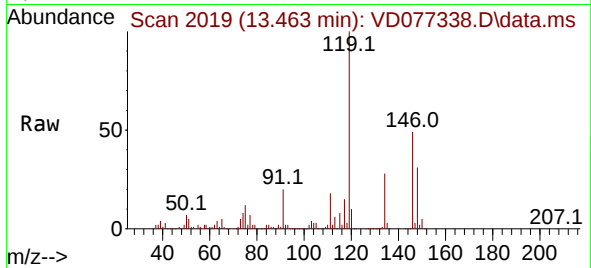




#87
1,3-Dichlorobenzene
Concen: 48.213 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

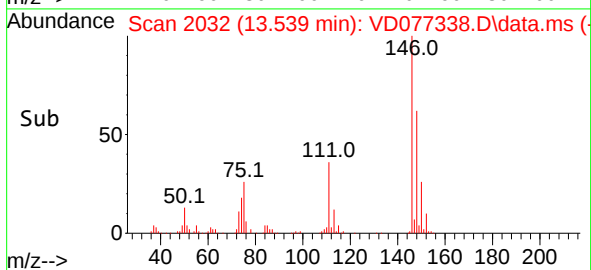
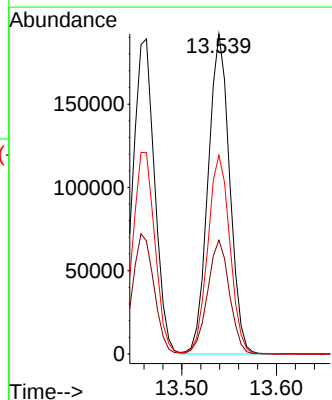
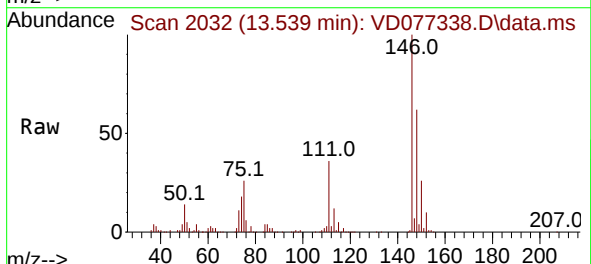
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

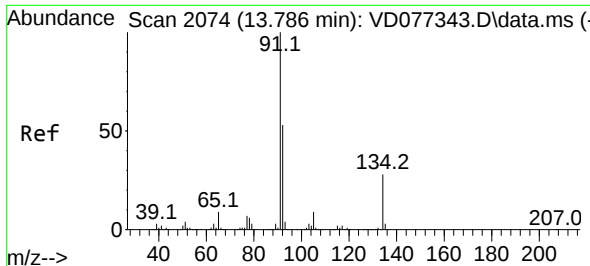
Tgt Ion:146 Resp: 307236
Ion Ratio Lower Upper
146 100
111 37.5 17.9 53.8
148 64.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 48.042 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:146 Resp: 303375
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 63.5 31.7 95.1

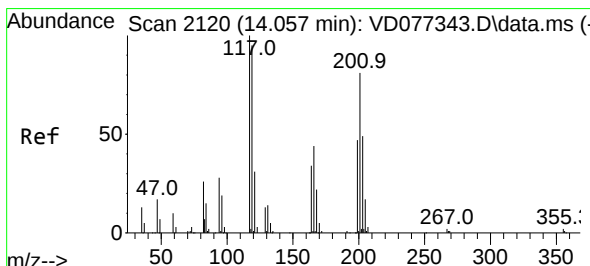
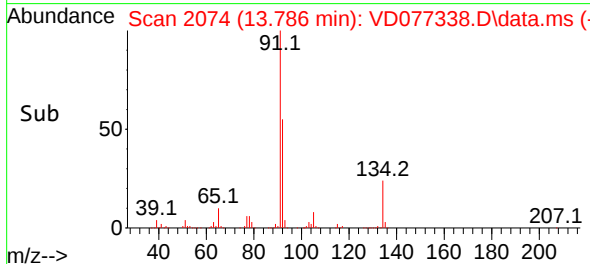
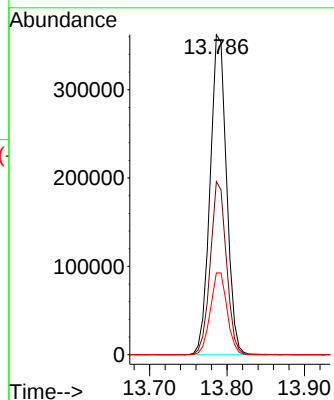
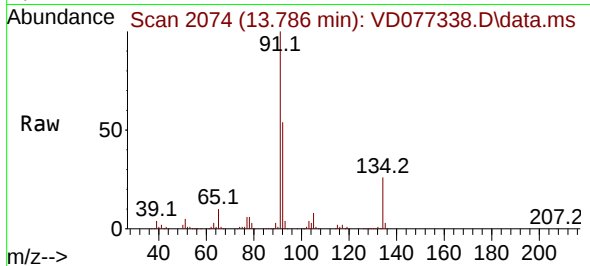




#89
n-Butylbenzene
Concen: 55.814 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

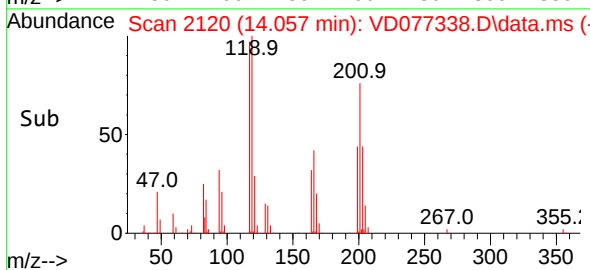
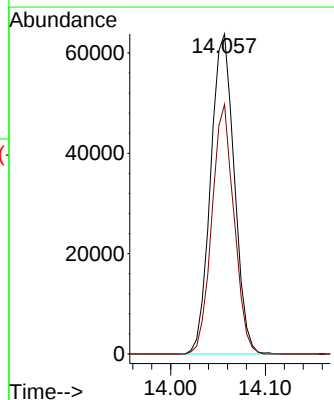
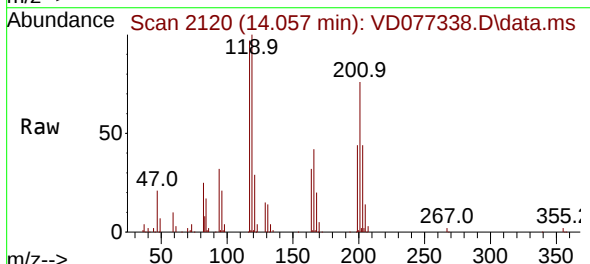
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

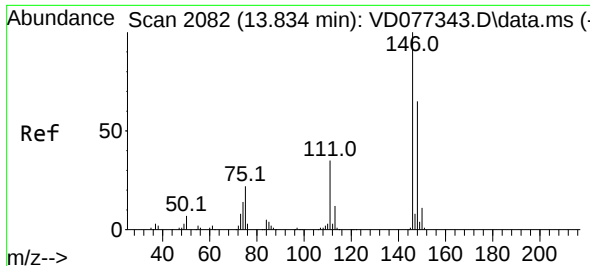
Tgt Ion: 91 Resp: 536134
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 26.0 13.8 41.3



#90
Hexachloroethane
Concen: 49.461 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion: 117 Resp: 110292
Ion Ratio Lower Upper
117 100
201 73.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.364 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

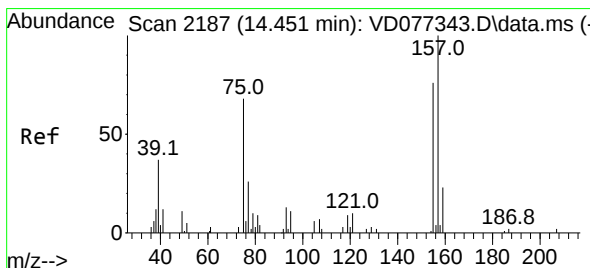
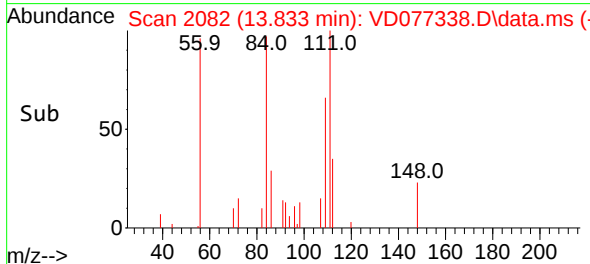
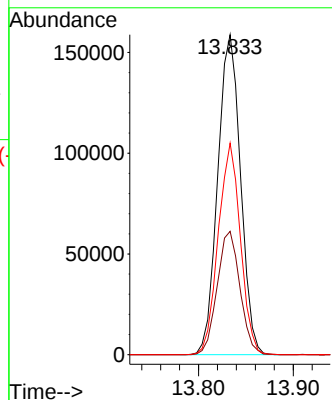
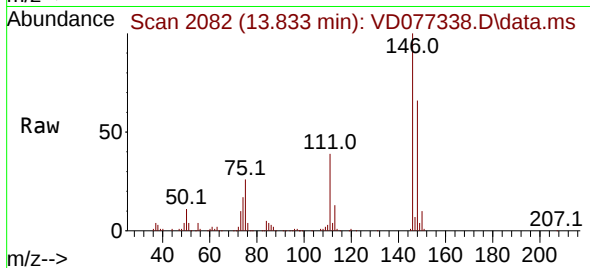
Tgt Ion:146 Resp: 265724

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 64.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.492 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

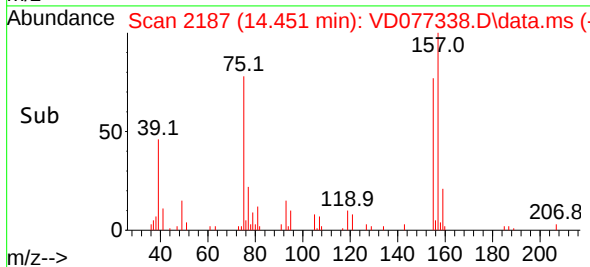
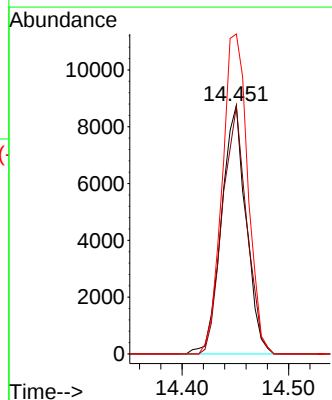
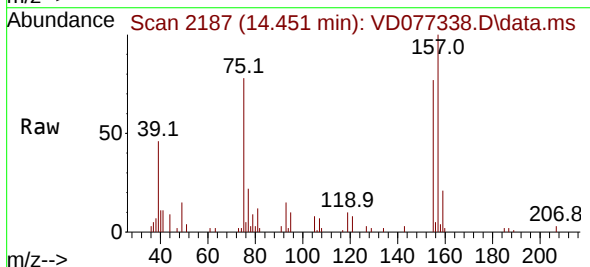
Tgt Ion: 75 Resp: 13979

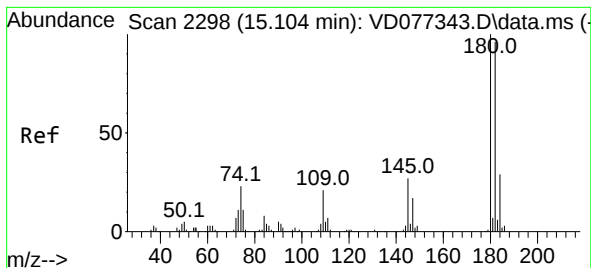
Ion Ratio Lower Upper

75 100

155 98.6 47.9 143.8

157 134.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 24.762 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

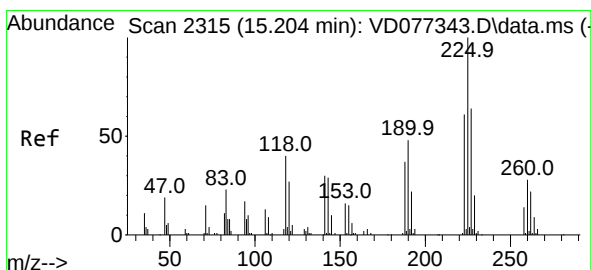
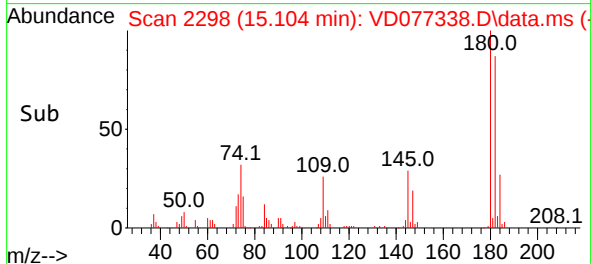
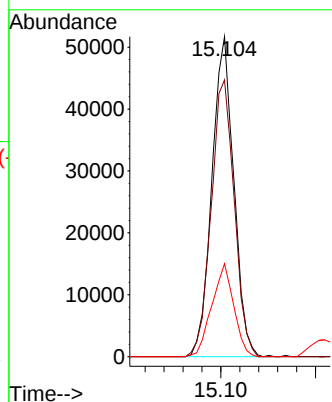
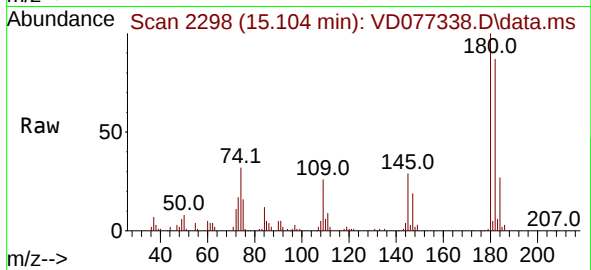
Tgt Ion:180 Resp: 83049

Ion Ratio Lower Upper

180 100

182 90.9 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.221 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077338.D

Acq: 17 Oct 2023 13:33

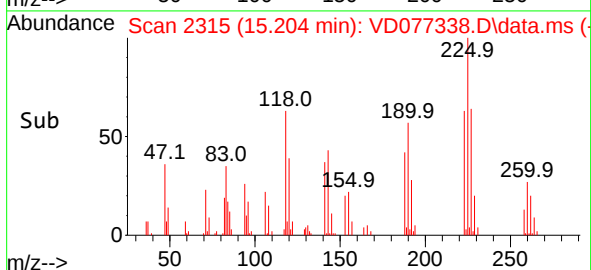
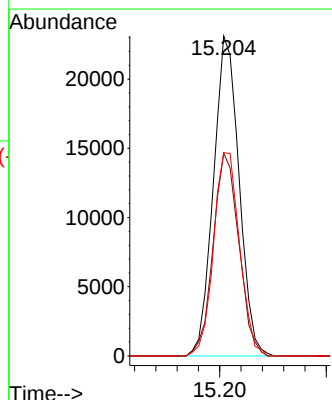
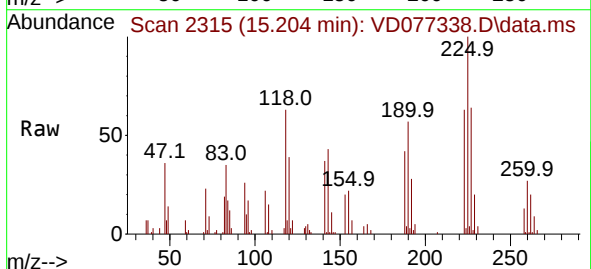
Tgt Ion:225 Resp: 38516

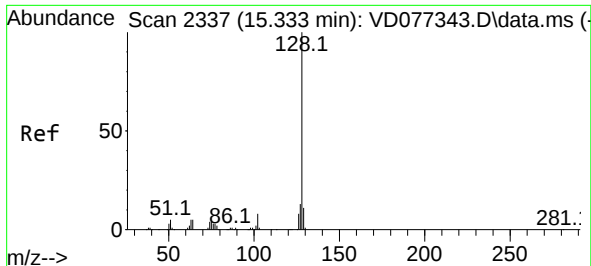
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.8

227 64.5 31.7 95.1

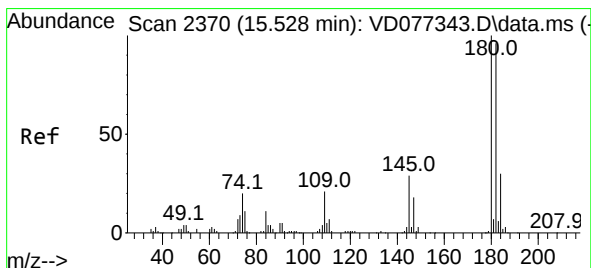
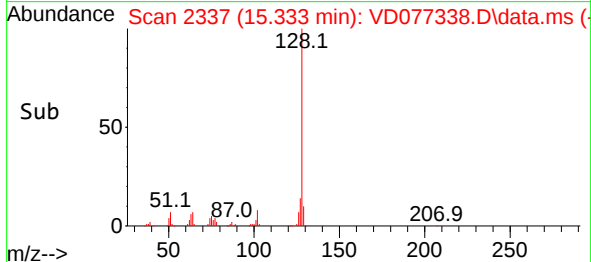
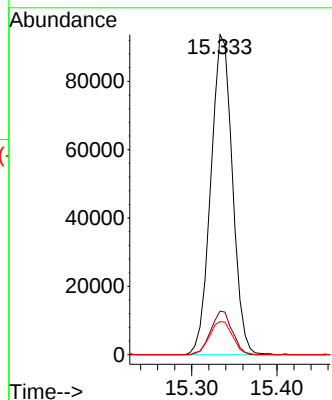
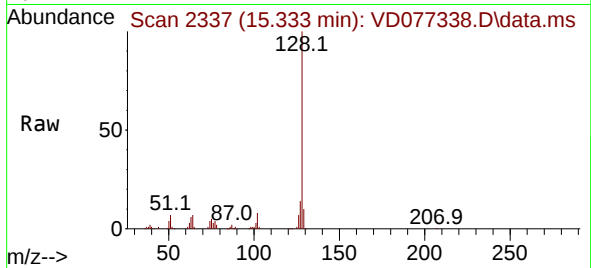




#95
Naphthalene
Concen: 29.050 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 164502
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 25.253 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077338.D
Acq: 17 Oct 2023 13:33

Tgt Ion:180 Resp: 73514
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 33.6 15.1 45.3

