

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076454.D
 Acq On : 16 Jun 2023 13:57
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 05:40:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	268719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	467213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	411176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	196678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105276	39.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.200%
35) Dibromofluoromethane	7.805	113	115661	41.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.269	98	437855	41.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.200%
62) 4-Bromofluorobenzene	12.575	95	137230	40.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	82876	40.588	ug/l	99
3) Chloromethane	2.146	50	162013	38.151	ug/l	97
4) Vinyl Chloride	2.275	62	185387	39.135	ug/l	100
5) Bromomethane	2.681	94	119893	38.925	ug/l	98
6) Chloroethane	2.822	64	125633	38.694	ug/l	100
7) Trichlorofluoromethane	3.164	101	153922	39.483	ug/l	97
8) Diethyl Ether	3.593	74	55533	37.850	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.958	101	99955	39.812	ug/l	98
10) Methyl Iodide	4.152	142	124437	41.806	ug/l	93
11) Tert butyl alcohol	5.052	59	37996	163.454	ug/l	99
12) 1,1-Dichloroethene	3.934	96	98949	40.241	ug/l	93
13) Acrolein	3.787	56	57134	228.189	ug/l	96
14) Allyl chloride	4.558	41	179449	39.906	ug/l #	87
15) Acrylonitrile	5.252	53	136699	181.192	ug/l	97
16) Acetone	4.022	43	128534	200.624	ug/l #	85
17) Carbon Disulfide	4.258	76	274850	40.910	ug/l	100
18) Methyl Acetate	4.564	43	106273	35.994	ug/l #	81
19) Methyl tert-butyl Ether	5.311	73	256064	38.071	ug/l	97
20) Methylene Chloride	4.793	84	136444	35.787	ug/l #	73
21) trans-1,2-Dichloroethene	5.299	96	114625	40.332	ug/l	91
22) Diisopropyl ether	6.210	45	384951	39.590	ug/l #	91
23) Vinyl Acetate	6.152	43	960934	199.377	ug/l #	88
24) 1,1-Dichloroethane	6.105	63	218562	40.253	ug/l	97
25) 2-Butanone	7.081	43	191486	193.240	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	186410	39.820	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	137013	39.835	ug/l	87
28) Bromochloromethane	7.422	49	60033	37.884	ug/l #	69
29) Tetrahydrofuran	7.440	42	115705	181.692	ug/l #	76
30) Chloroform	7.593	83	209956	39.052	ug/l	98
31) Cyclohexane	7.869	56	170365	40.598	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	175831	40.458	ug/l	98
36) 1,1-Dichloropropene	8.005	75	155475	40.000	ug/l	96
37) Ethyl Acetate	7.163	43	80623	35.796	ug/l #	90
38) Carbon Tetrachloride	7.987	117	143499	41.306	ug/l	99
39) Methylcyclohexane	9.269	83	186410	40.868	ug/l #	88
40) Benzene	8.246	78	474740	40.052	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	49720	39.093	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	122985	38.400	ug/l	94
43) Isopropyl Acetate	8.357	43	159196	37.335	ug/l #	84
44) Trichloroethene	9.028	130	126508	39.565	ug/l	100
45) 1,2-Dichloropropane	9.304	63	126073	39.229	ug/l	96
46) Dibromomethane	9.393	93	66282	38.500	ug/l	95
47) Bromodichloromethane	9.581	83	160313	38.912	ug/l	98
48) Methyl methacrylate	9.381	41	75014	38.383	ug/l #	70
49) 1,4-Dioxane	9.381	88	16263	788.424	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	409583	187.911	ug/l #	84
52) Toluene	10.334	92	293729	39.490	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	163067	39.006	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	195847	39.514	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	93577	38.858	ug/l	97
56) Ethyl methacrylate	10.598	69	123277	39.206	ug/l #	73
57) 1,3-Dichloropropane	10.875	76	158133	38.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	257987	193.528	ug/l	90
59) 2-Hexanone	10.922	43	292926	193.200	ug/l	82
60) Dibromochloromethane	11.075	129	111716	39.862	ug/l	97
61) 1,2-Dibromoethane	11.181	107	87045	38.505	ug/l	98
64) Tetrachloroethene	10.810	164	103823	42.066	ug/l	97
65) Chlorobenzene	11.610	112	317859	40.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	116428	41.676	ug/l	99
67) Ethyl Benzene	11.681	91	583133	42.130	ug/l	97
68) m/p-Xylenes	11.793	106	453140	83.867	ug/l	93
69) o-Xylene	12.122	106	216629	42.119	ug/l	93
70) Styrene	12.134	104	363229	40.883	ug/l	94
71) Bromoform	12.298	173	66135	39.428	ug/l #	99
73) Isopropylbenzene	12.422	105	550075	41.541	ug/l	97
74) N-amyl acetate	12.234	43	153796	39.673	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	102520	37.519	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	130156	66.679	ug/l #	100
77) Bromobenzene	12.698	156	130587	39.973	ug/l	88
78) n-propylbenzene	12.763	91	677893	41.461	ug/l	97
79) 2-Chlorotoluene	12.851	91	364551	40.603	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	447231	41.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	36845	41.361	ug/l	92
82) 4-Chlorotoluene	12.945	91	380507	40.808	ug/l	95
83) tert-Butylbenzene	13.169	119	397080	41.325	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	450821	41.369	ug/l	97
85) sec-Butylbenzene	13.345	105	597911	41.932	ug/l	96
86) p-Isopropyltoluene	13.463	119	506909	42.545	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	262712	40.939	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	255165	39.870	ug/l	97
89) n-Butylbenzene	13.787	91	480903	41.381	ug/l	99
90) Hexachloroethane	14.057	117	91716	41.713	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	226428	40.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	15723	38.229	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	148931	39.852	ug/l	98
94) Hexachlorobutadiene	15.204	225	72894	40.120	ug/l	99
95) Naphthalene	15.334	128	289459	38.734	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	131285	40.321	ug/l	99

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QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

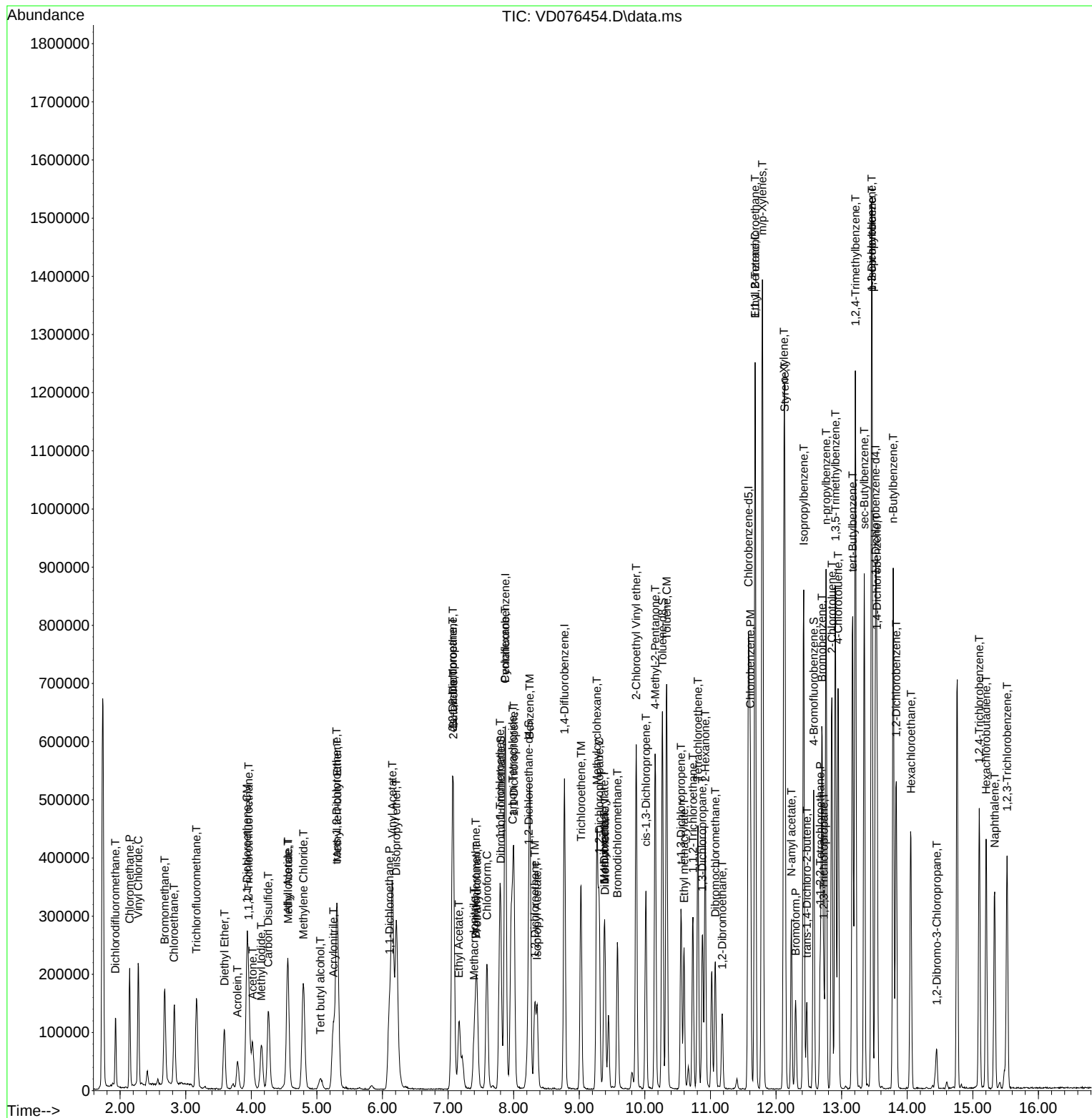
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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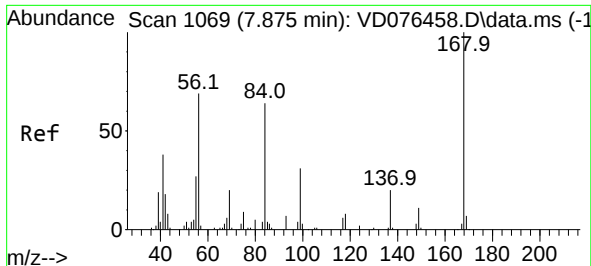
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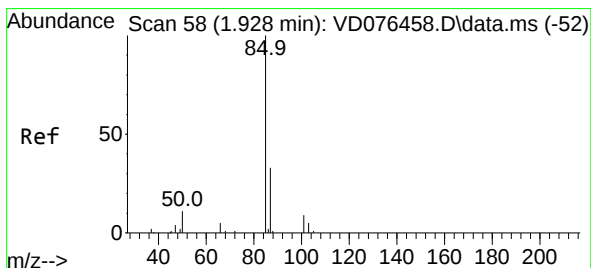
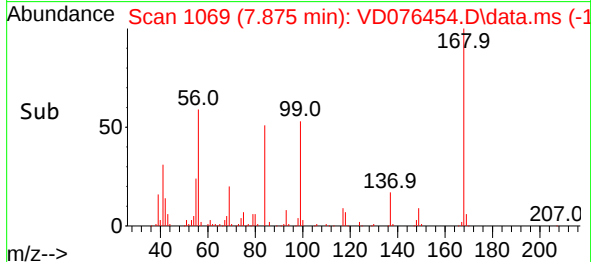
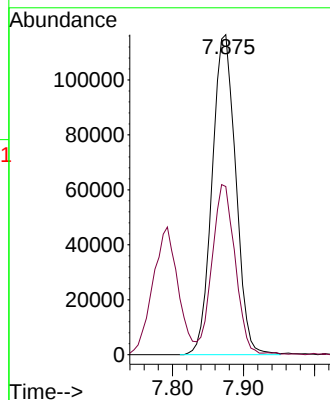
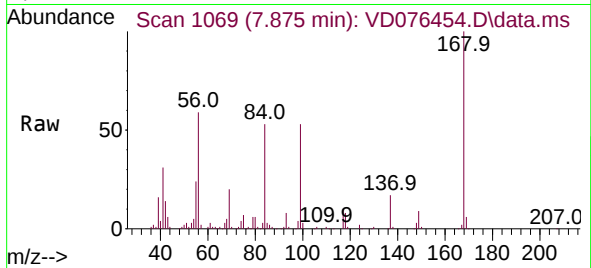




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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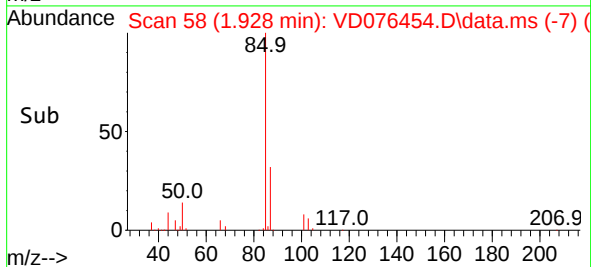
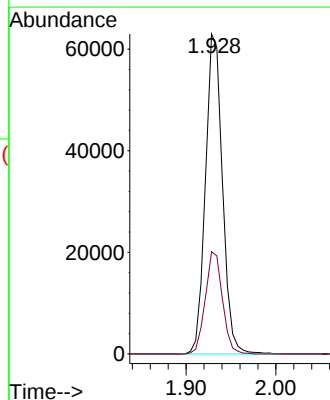
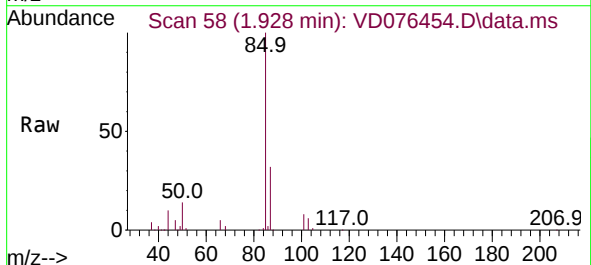
Instrument :
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ClientSampleId :
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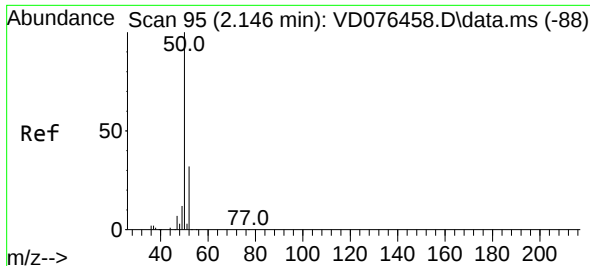
Tgt Ion:168 Resp: 268719
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 40.588 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 85 Resp: 82876
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

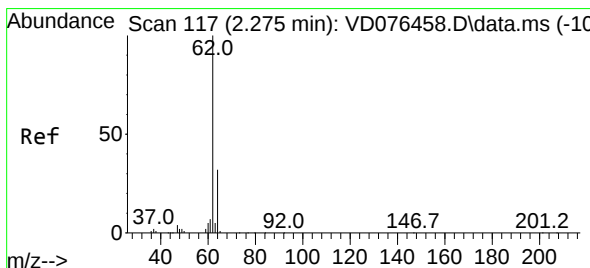
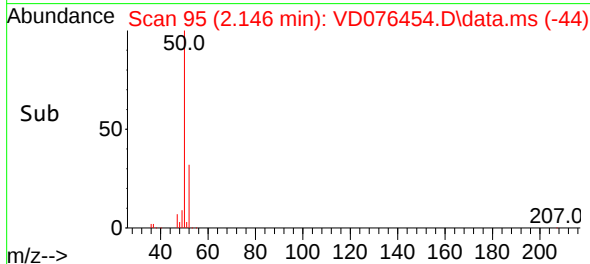
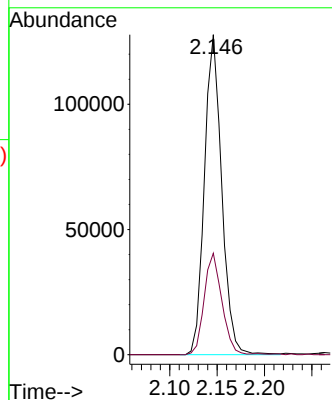
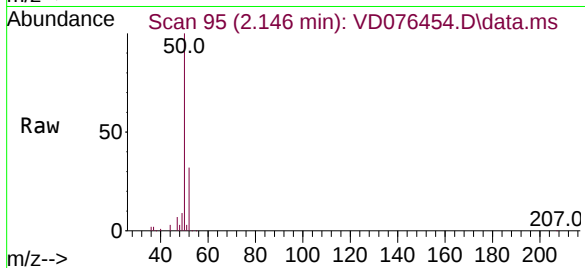




#3
Chloromethane
Concen: 38.151 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

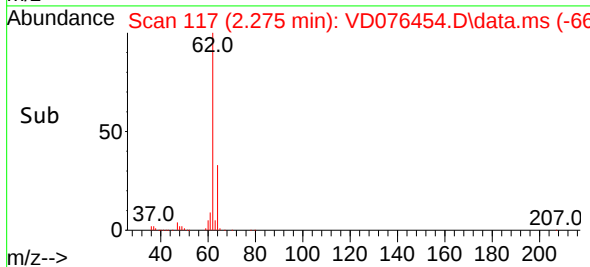
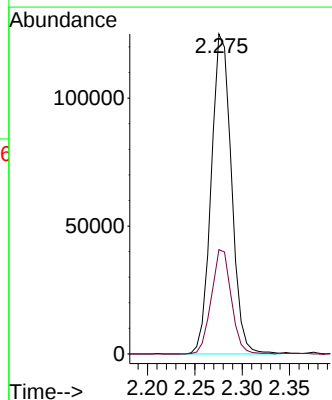
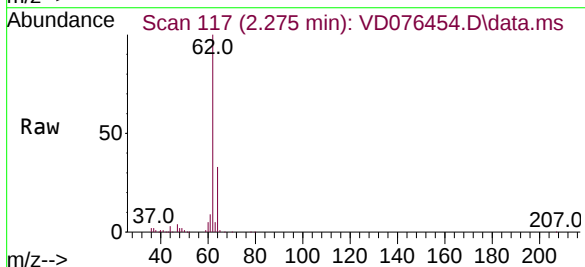
Instrument :
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ClientSampleId :
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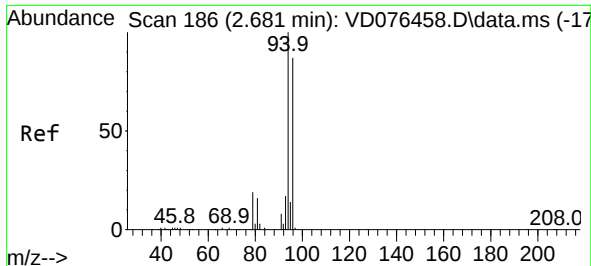
Tgt Ion: 50 Resp: 162013
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 39.135 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 62 Resp: 185387
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

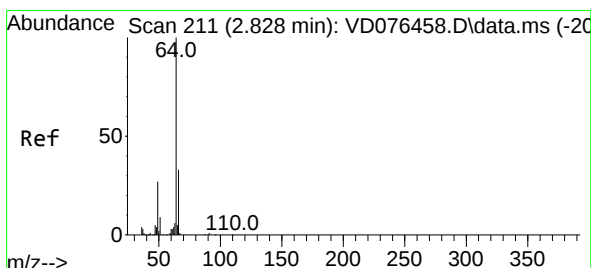
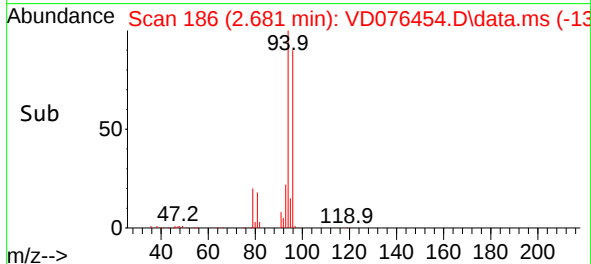
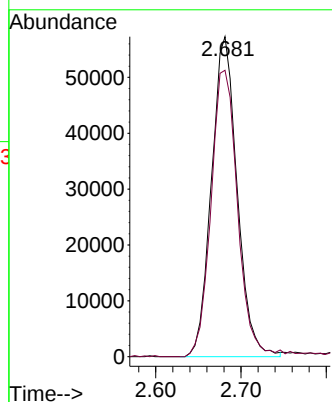
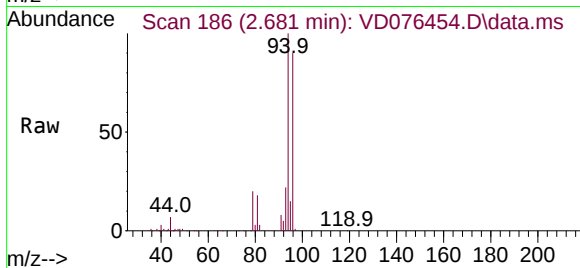




#5
Bromomethane
Concen: 38.925 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076454.D
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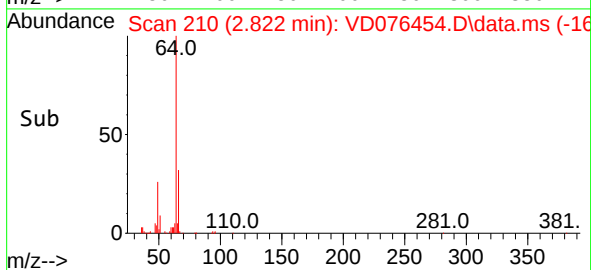
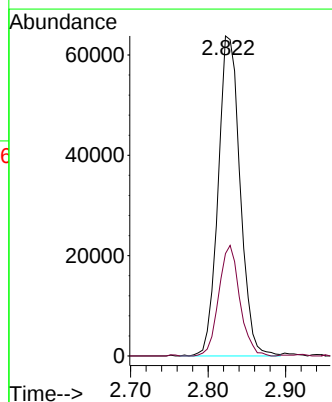
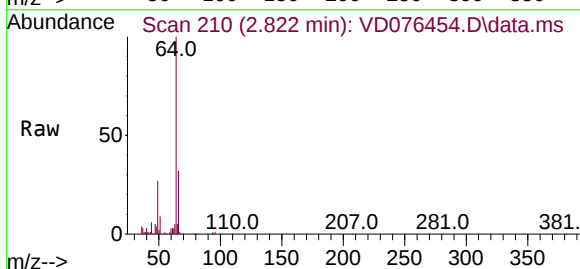
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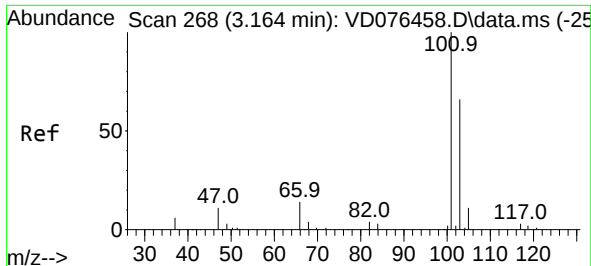
Tgt Ion: 94 Resp: 119893
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8



#6
Chloroethane
Concen: 38.694 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076454.D
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Tgt Ion: 64 Resp: 125633
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

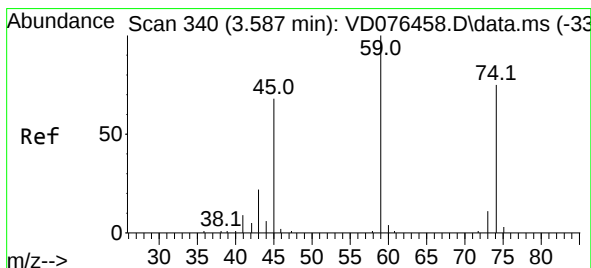
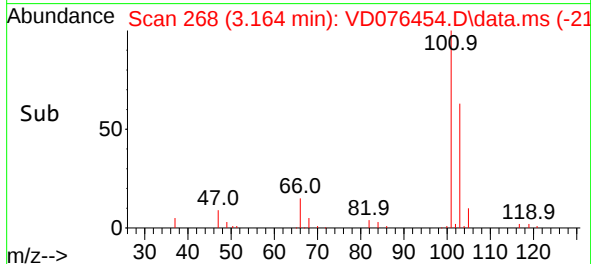
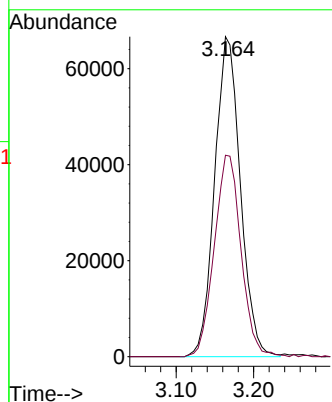
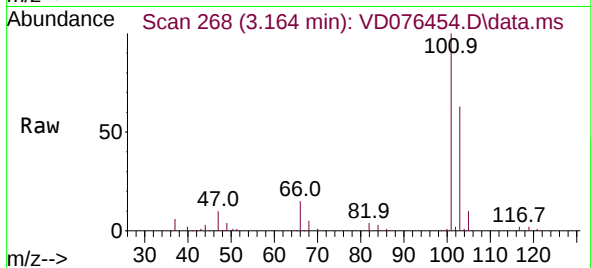




#7
 Trichlorofluoromethane
 Concen: 39.483 ug/l
 RT: 3.164 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

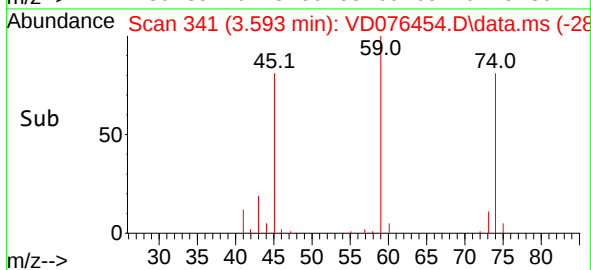
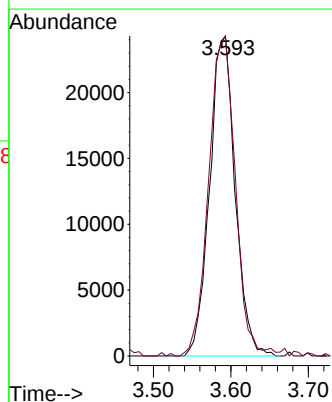
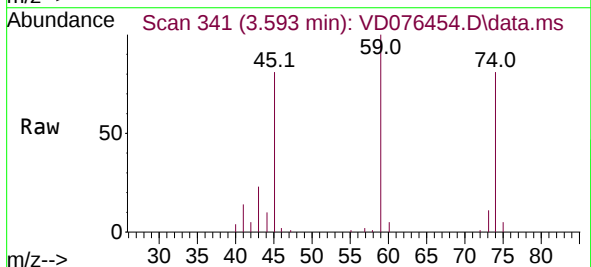
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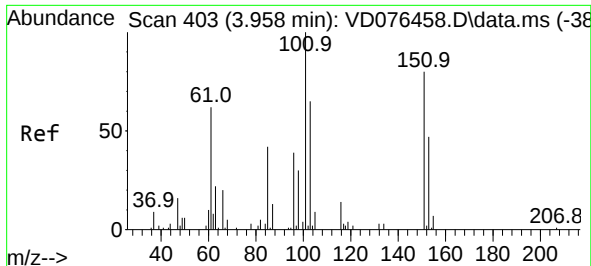
Tgt Ion:101 Resp: 153922
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 37.850 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

Tgt Ion: 74 Resp: 55533
 Ion Ratio Lower Upper
 74 100
 45 104.7 37.5 112.7

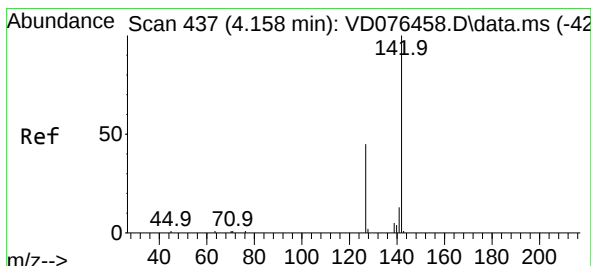
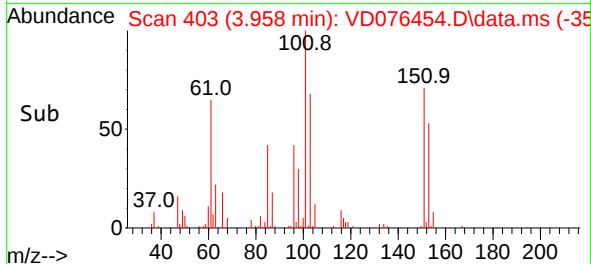
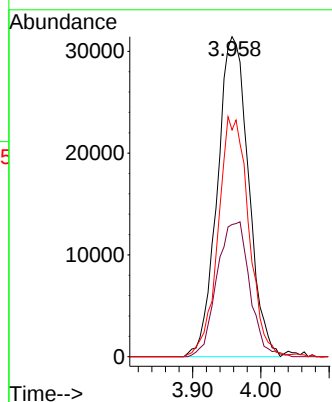
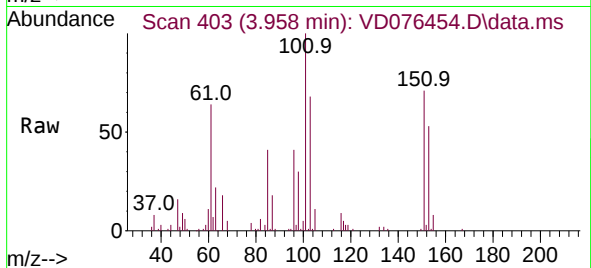




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.812 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

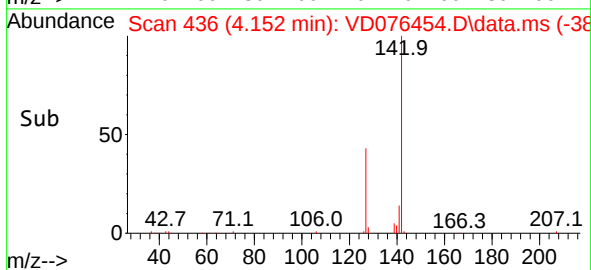
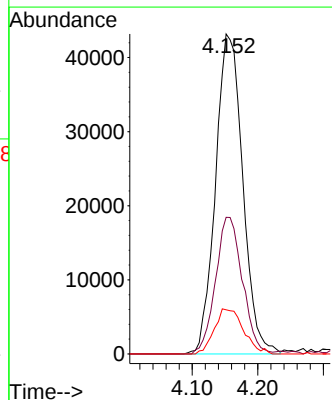
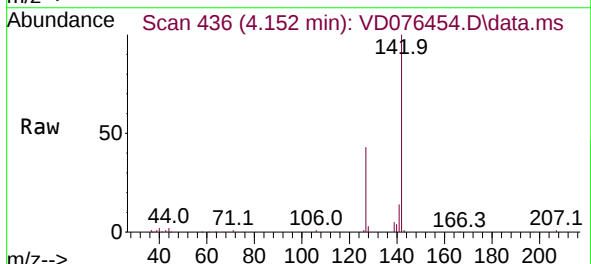
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

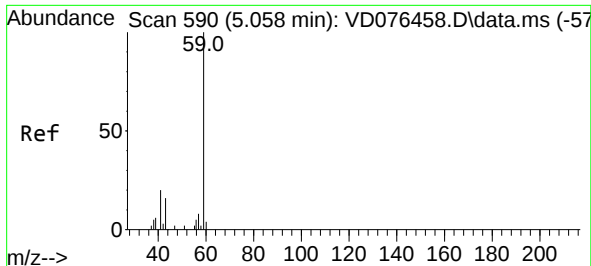
Tgt Ion:	101	Resp:	99955
Ion	Ratio	Lower	Upper
101	100		
85	44.2	33.8	50.6
151	73.6	59.8	89.6



#10
Methyl Iodide
Concen: 41.806 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:	142	Resp:	124437
Ion	Ratio	Lower	Upper
142	100		
127	42.1	29.4	44.0
141	15.0	11.1	16.7

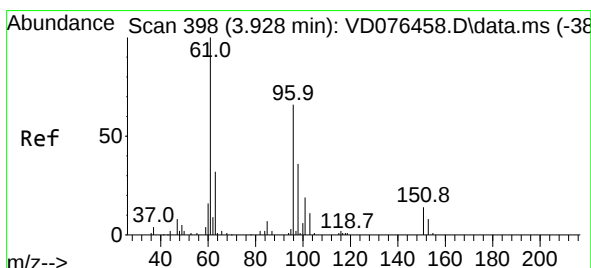
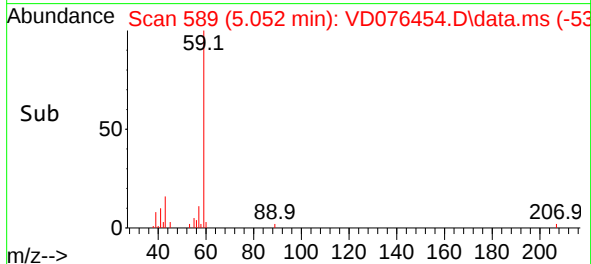
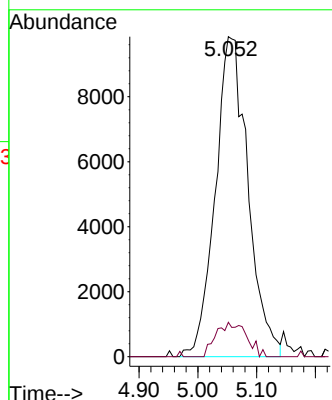
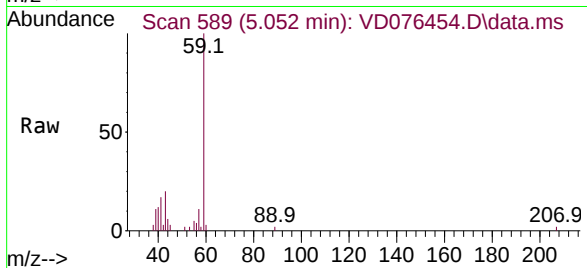




#11
Tert butyl alcohol
Concen: 163.454 ug/l
RT: 5.052 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

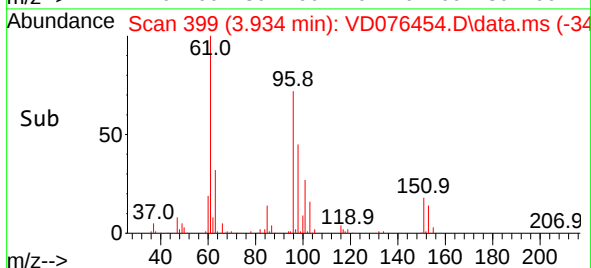
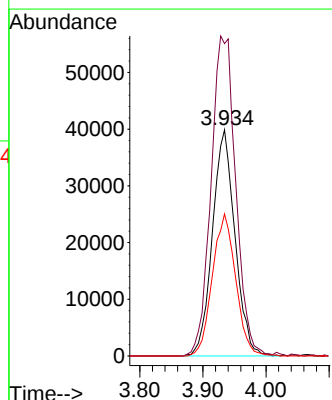
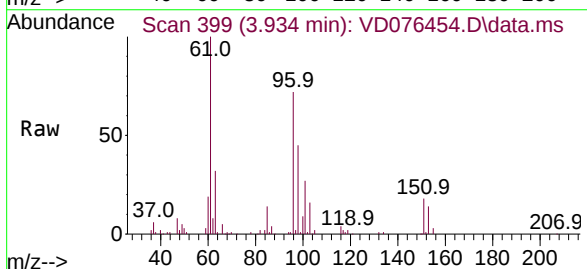
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

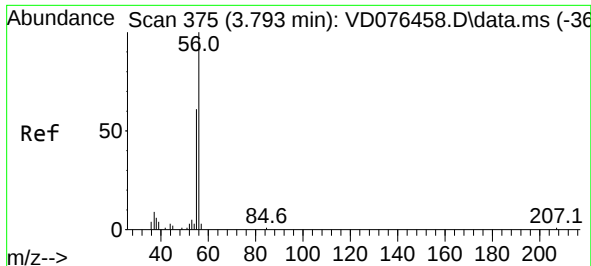
Tgt Ion: 59 Resp: 37996
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 40.241 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 96 Resp: 98949
Ion Ratio Lower Upper
96 100
61 138.2 100.6 150.8
98 62.8 50.2 75.2

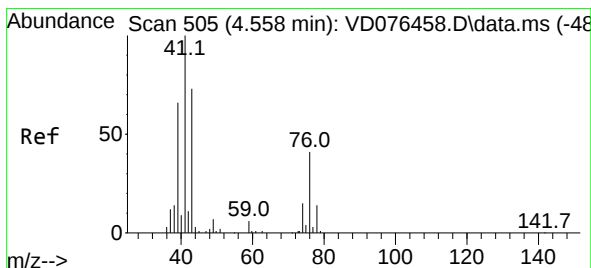
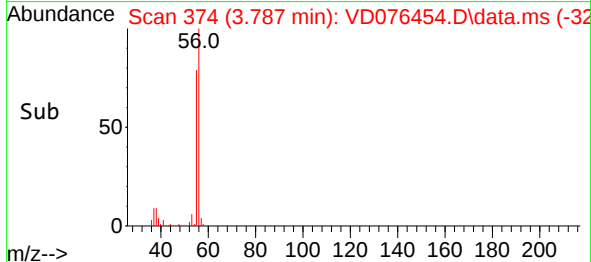
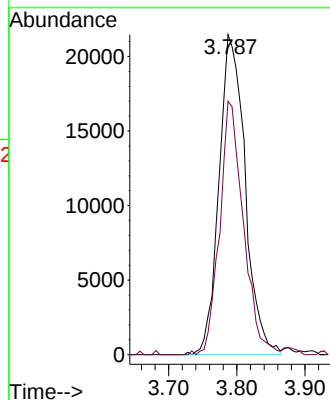
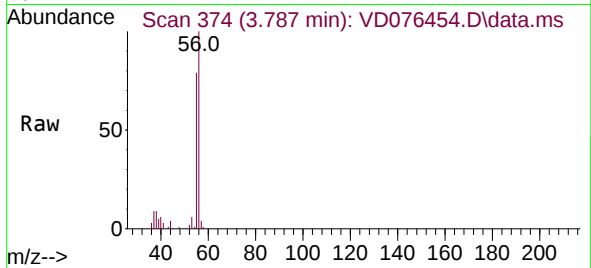




#13
Acrolein
Concen: 228.189 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

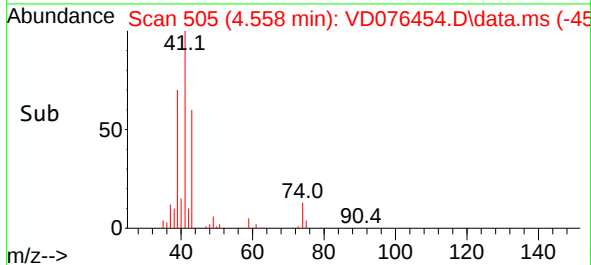
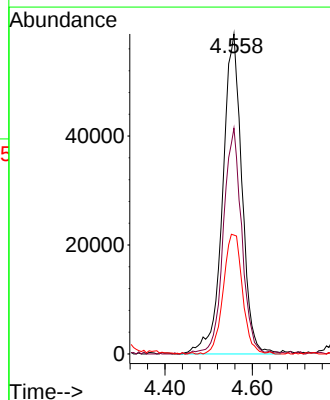
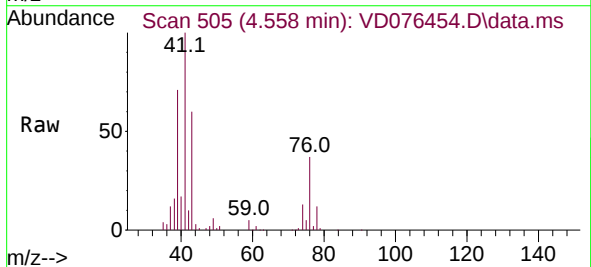
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

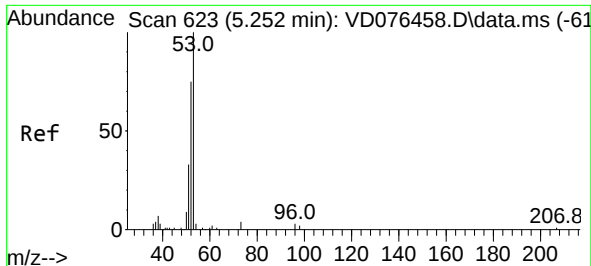
Tgt Ion: 56 Resp: 57134
Ion Ratio Lower Upper
56 100
55 72.1 55.1 82.7



#14
Allyl chloride
Concen: 39.906 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 41 Resp: 179449
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
76 37.2 45.8 68.8#

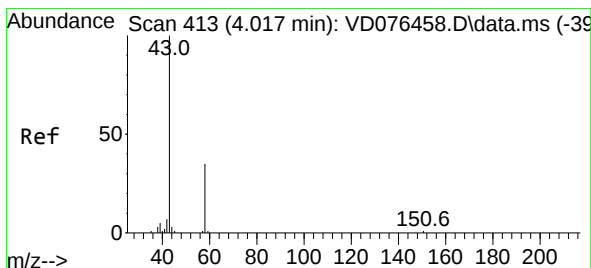
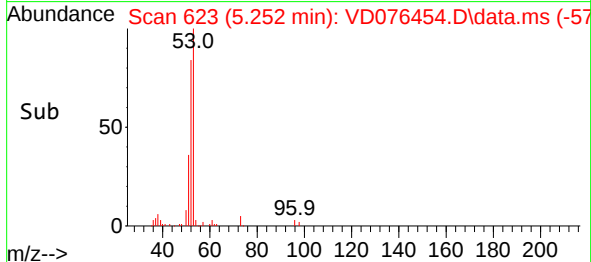
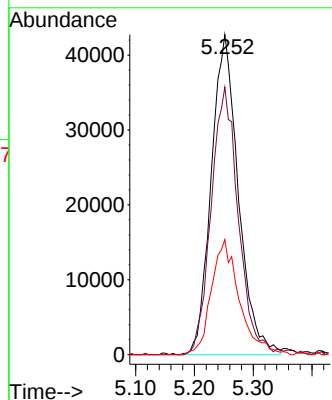
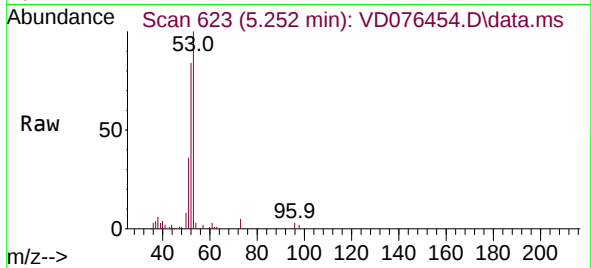




#15
Acrylonitrile
Concen: 181.192 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

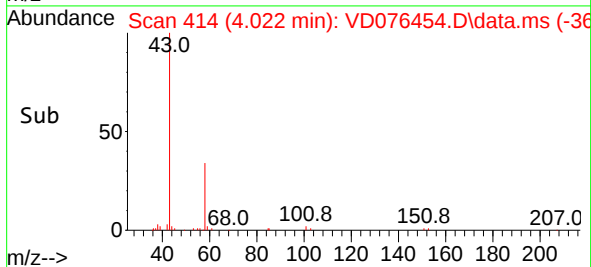
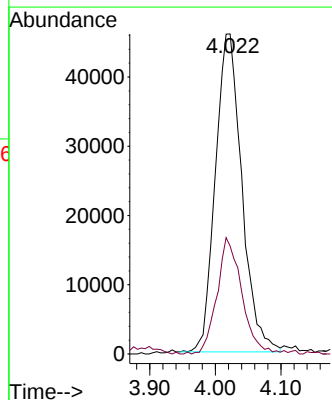
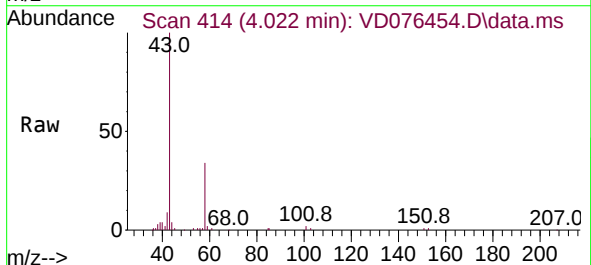
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

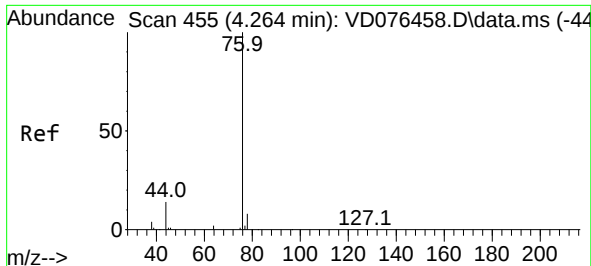
Tgt Ion: 53 Resp: 136699
Ion Ratio Lower Upper
53 100
52 83.4 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 200.624 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 43 Resp: 128534
Ion Ratio Lower Upper
43 100
58 33.9 34.7 52.1#

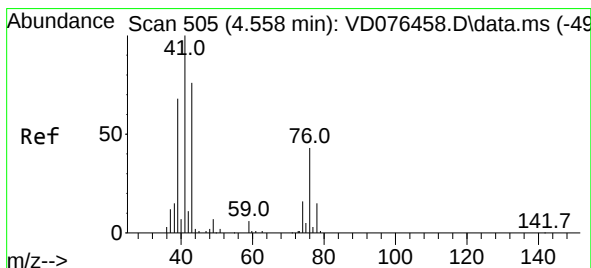
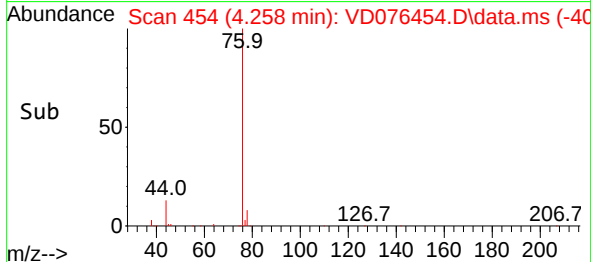
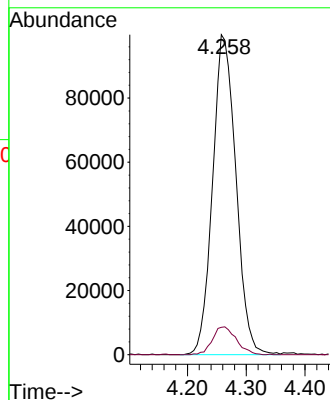
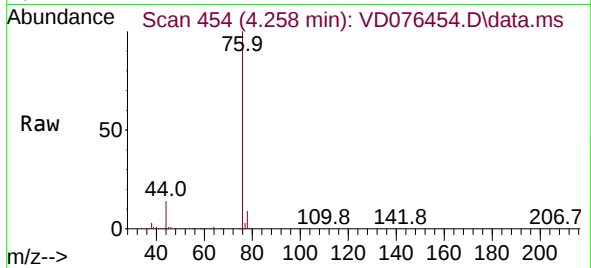




#17
Carbon Disulfide
Concen: 40.910 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

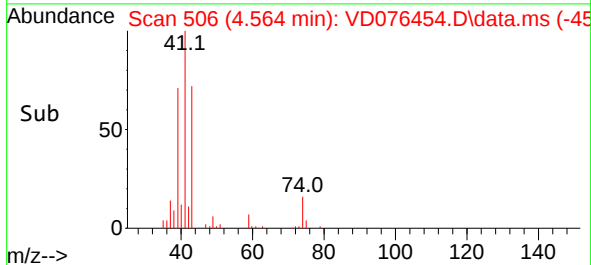
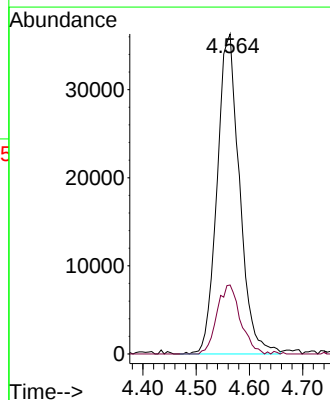
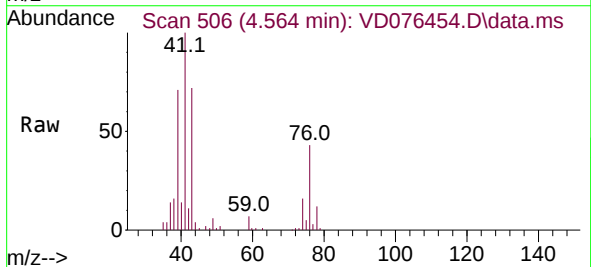
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

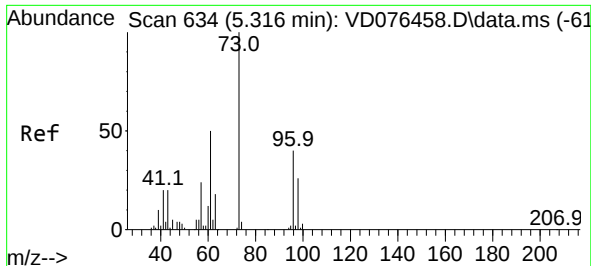
Tgt Ion: 76 Resp: 274850
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 35.994 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 43 Resp: 106273
Ion Ratio Lower Upper
43 100
74 22.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 38.071 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

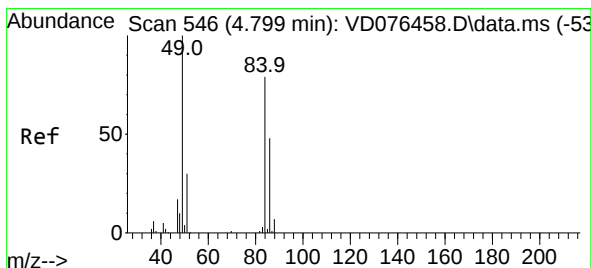
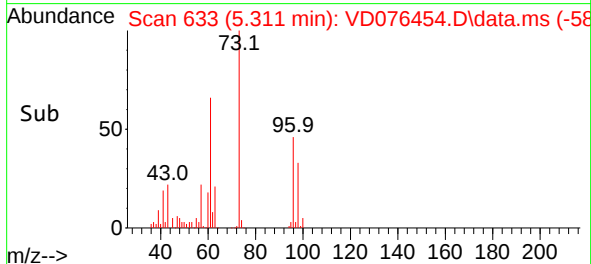
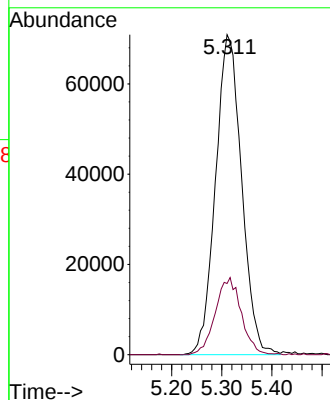
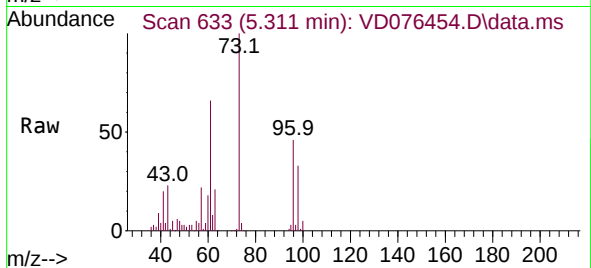
VSTDCCC050

Tgt Ion: 73 Resp: 256064

Ion Ratio Lower Upper

73 100

57 22.3 16.6 25.0



#20

Methylene Chloride

Concen: 35.787 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Tgt Ion: 84 Resp: 136444

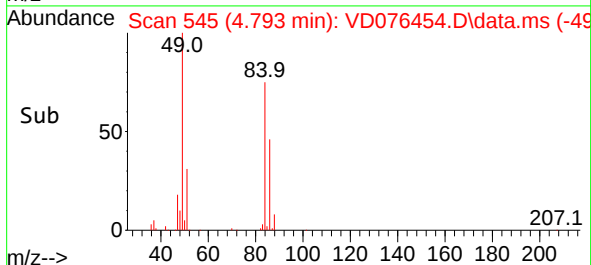
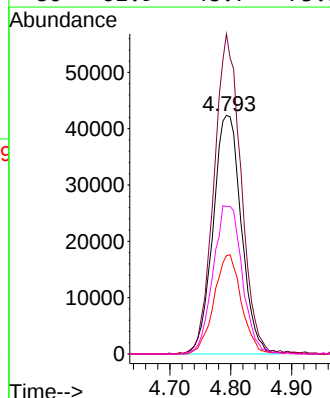
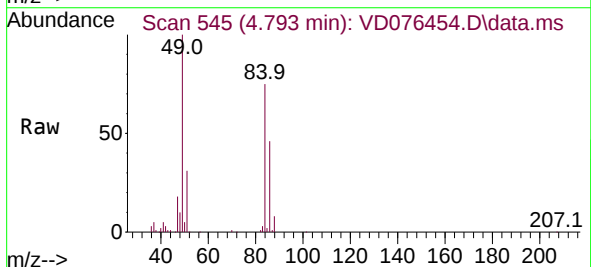
Ion Ratio Lower Upper

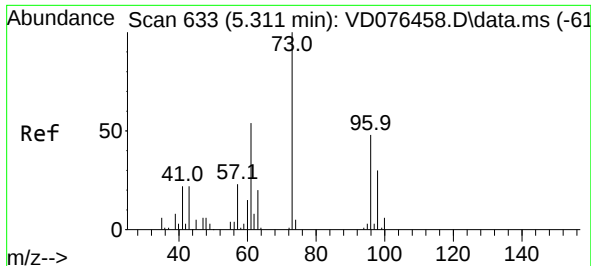
84 100

49 133.8 71.4 107.2#

51 40.8 24.5 36.7#

86 61.9 48.7 73.1

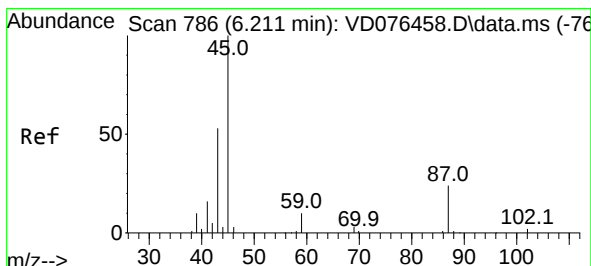
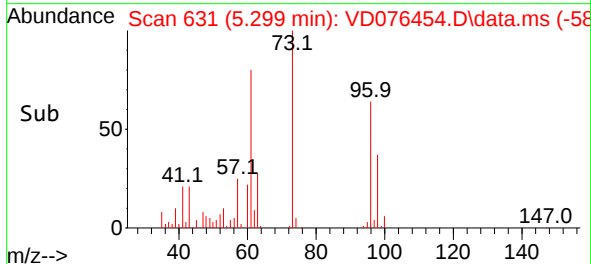
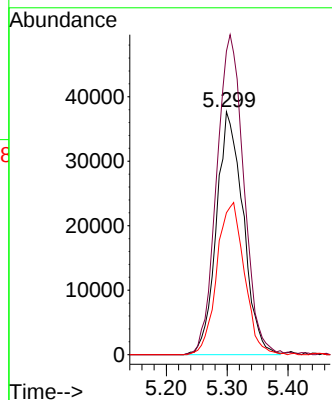
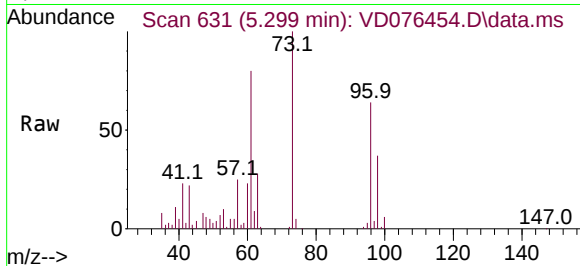




#21
trans-1,2-Dichloroethene
Concen: 40.332 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

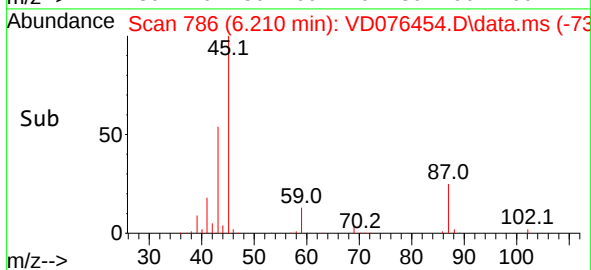
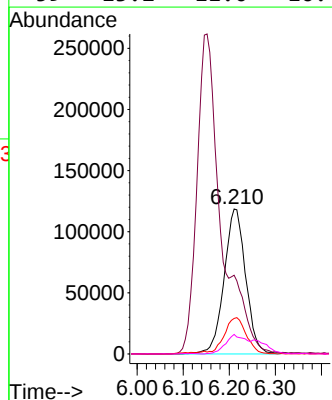
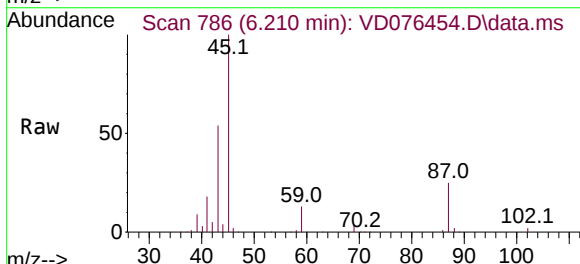
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

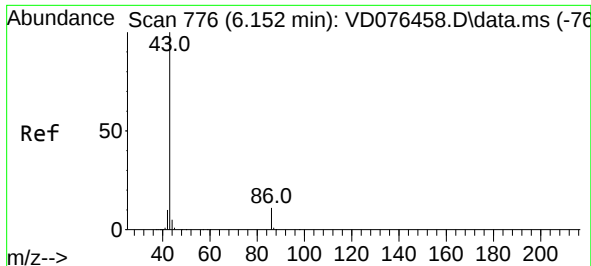
Tgt Ion: 96 Resp: 114625
Ion Ratio Lower Upper
96 100
61 125.0 89.3 133.9
98 58.4 48.6 73.0



#22
Diisopropyl ether
Concen: 39.590 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 45 Resp: 384951
Ion Ratio Lower Upper
45 100
43 53.4 40.0 60.0
87 24.3 28.2 42.4#
59 13.2 11.0 16.4

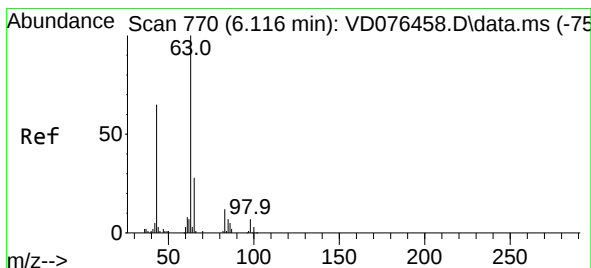
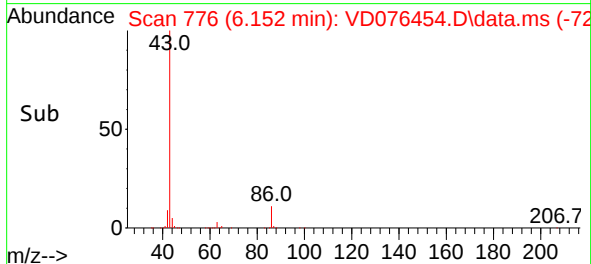
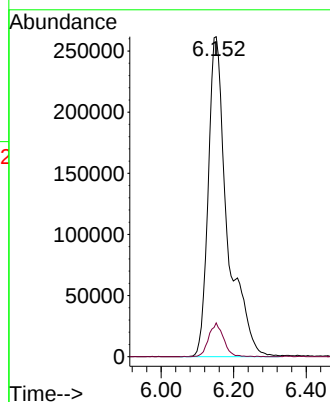
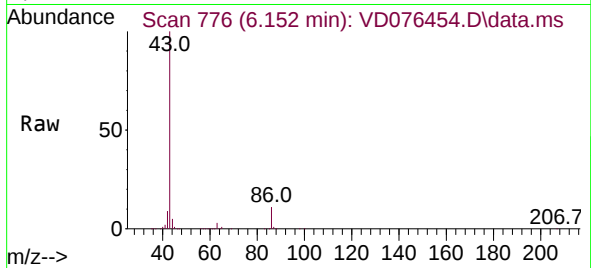




#23
 Vinyl Acetate
 Concen: 199.377 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

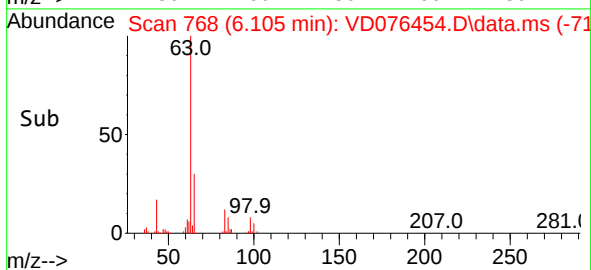
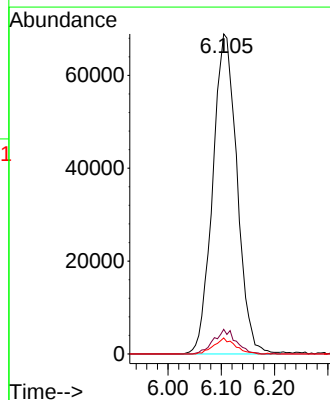
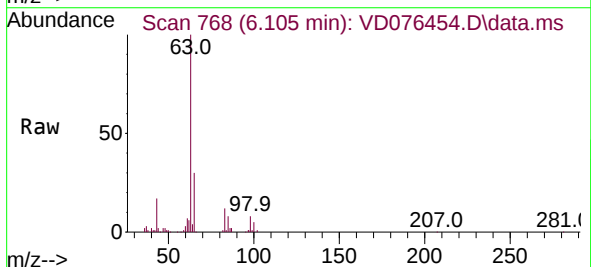
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

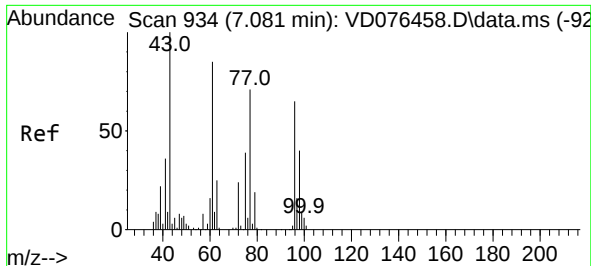
Tgt Ion: 43 Resp: 960934
 Ion Ratio Lower Upper
 43 100
 86 10.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 40.253 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

Tgt Ion: 63 Resp: 218562
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 5.0 2.5 7.5

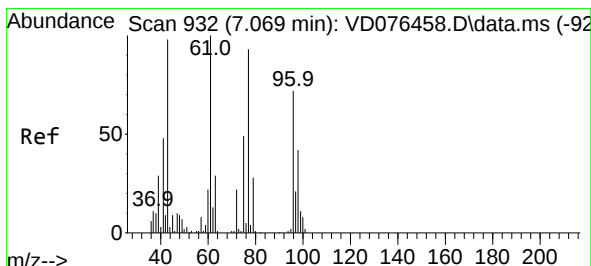
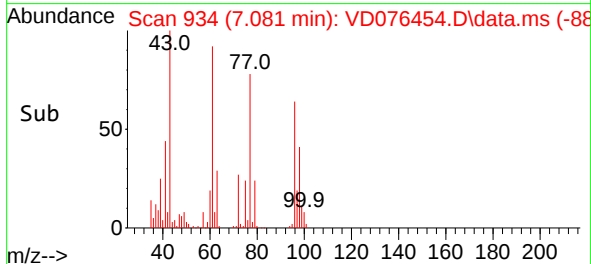
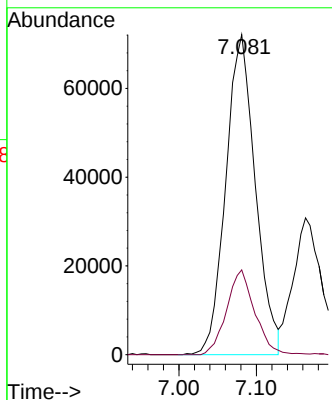
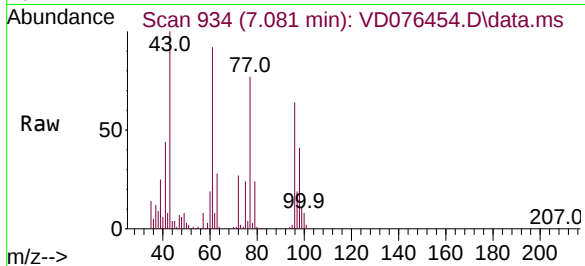




#25
2-Butanone
Concen: 193.240 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

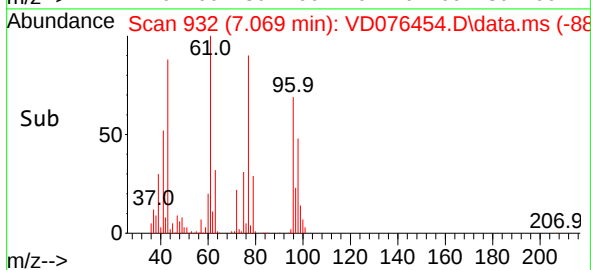
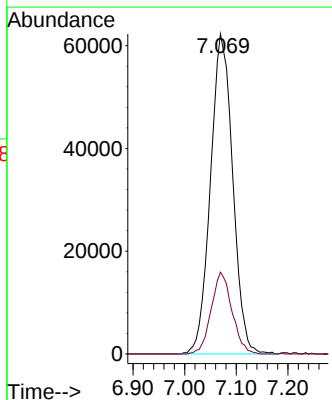
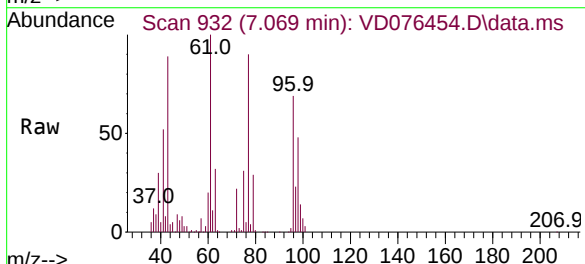
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

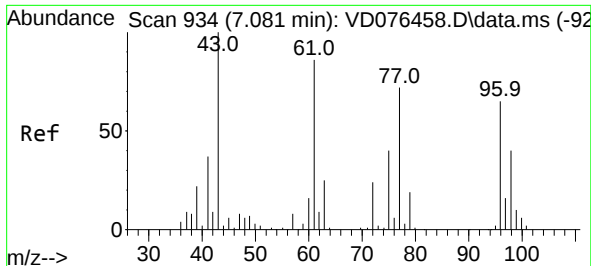
Tgt Ion: 43 Resp: 191486
Ion Ratio Lower Upper
43 100
72 26.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 39.820 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 77 Resp: 186410
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6



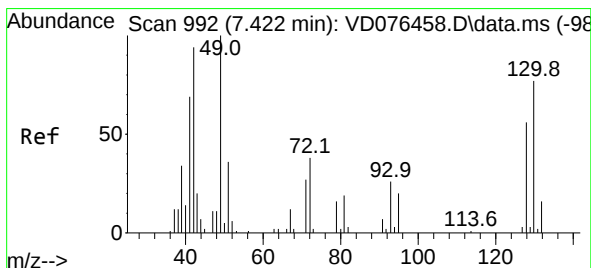
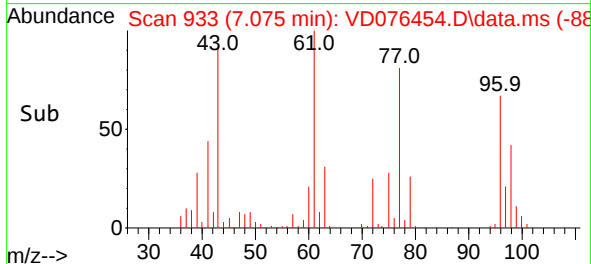
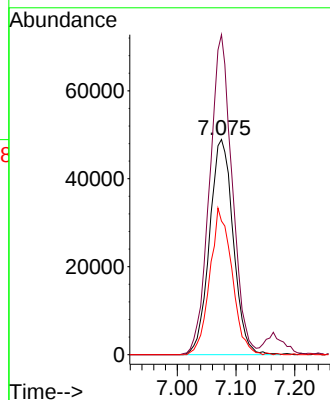
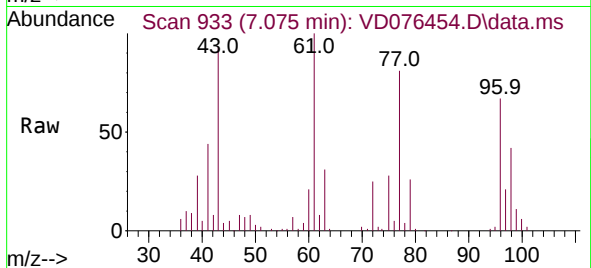


#27
 cis-1,2-Dichloroethene
 Concen: 39.835 ug/l
 RT: 7.075 min Scan# 913
 Delta R.T. -0.006 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 137013

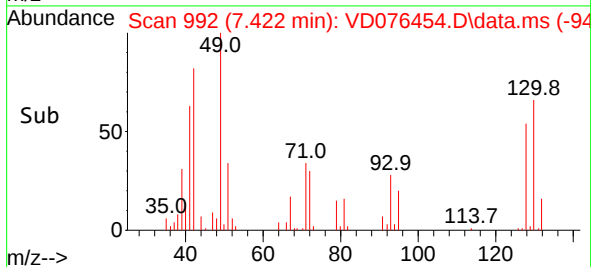
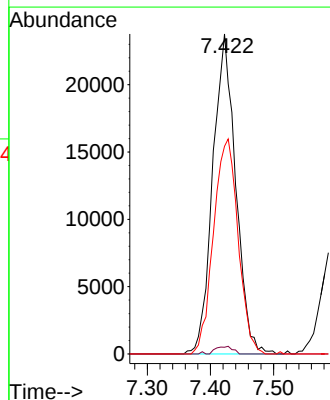
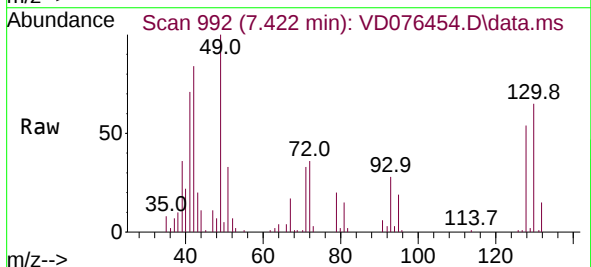
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	239.2
98	63.4	0.0	128.6

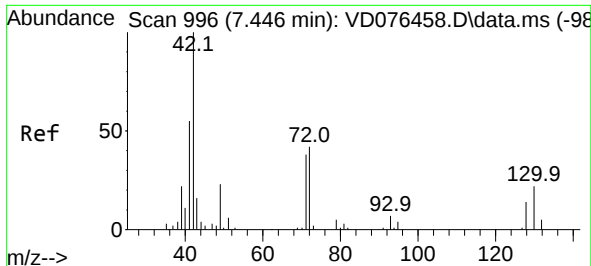


#28
 Bromochloromethane
 Concen: 37.884 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

Tgt Ion: 49 Resp: 60033

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.0
130	71.9	83.2	124.8#





#29

Tetrahydrofuran

Concen: 181.692 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

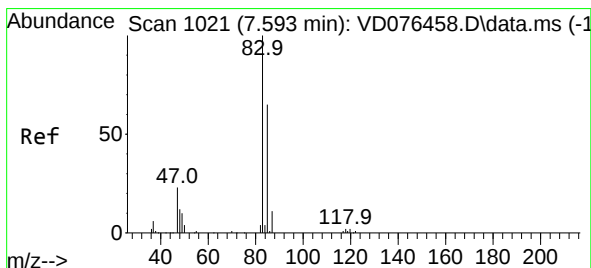
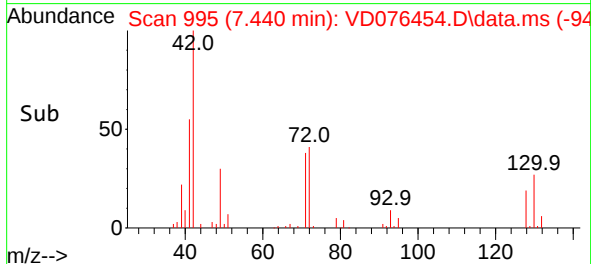
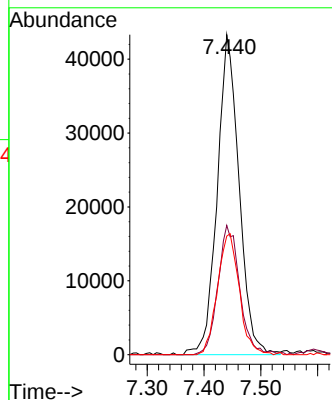
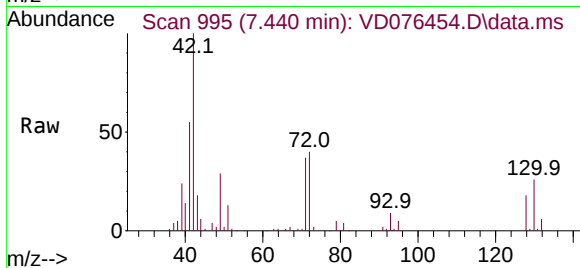
Tgt Ion: 42 Resp: 115705

Ion Ratio Lower Upper

42 100

72 40.4 46.5 69.7#

71 37.7 44.5 66.7#



#30

Chloroform

Concen: 39.052 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076454.D

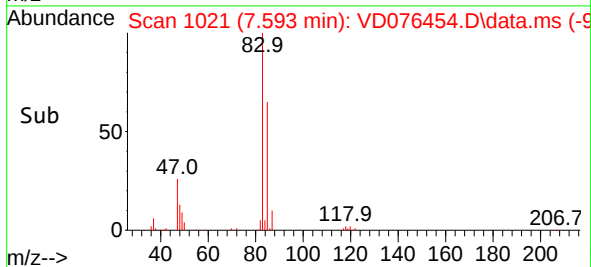
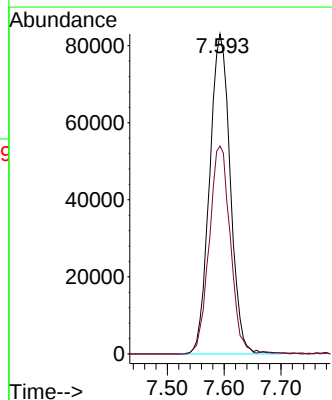
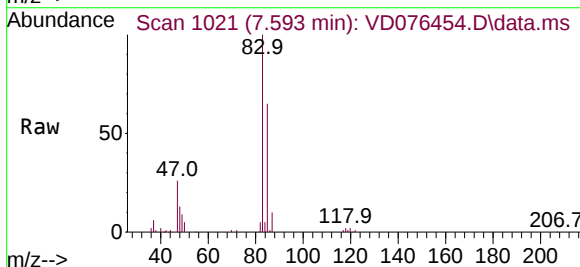
Acq: 16 Jun 2023 13:57

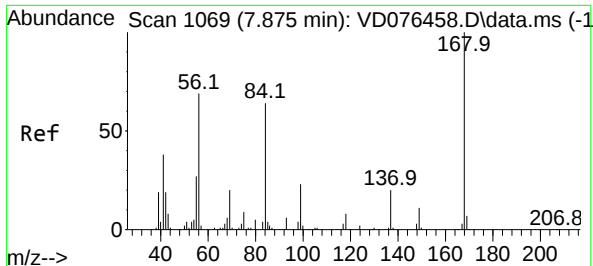
Tgt Ion: 83 Resp: 209956

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.2

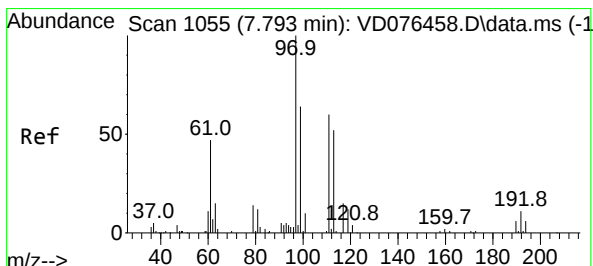
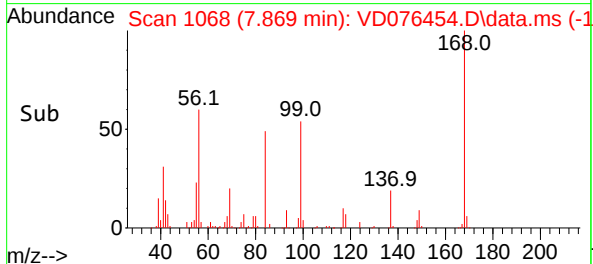
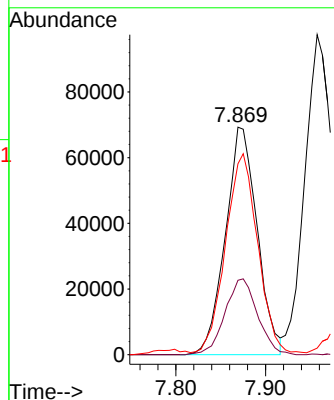
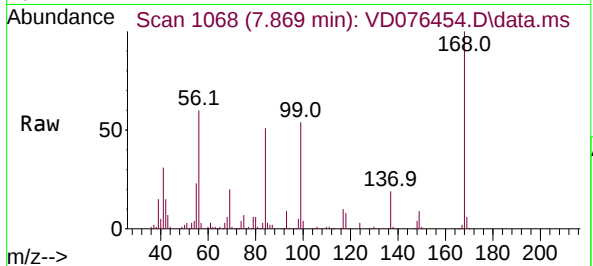




#31
Cyclohexane
Concen: 40.598 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

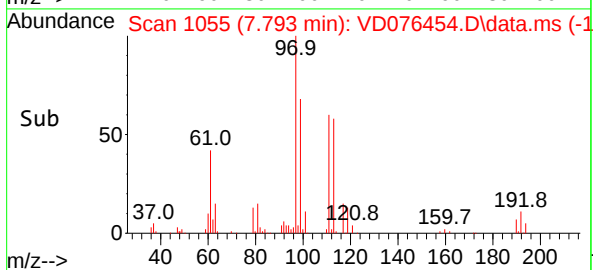
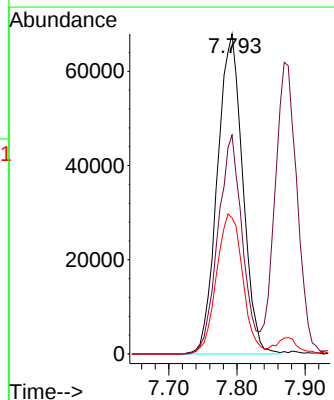
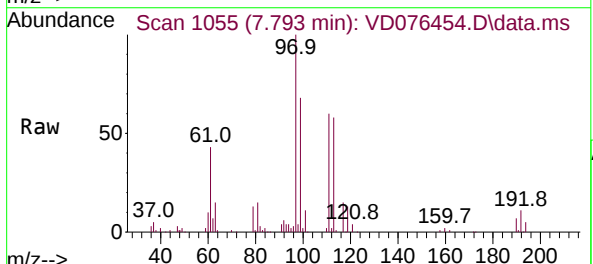
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

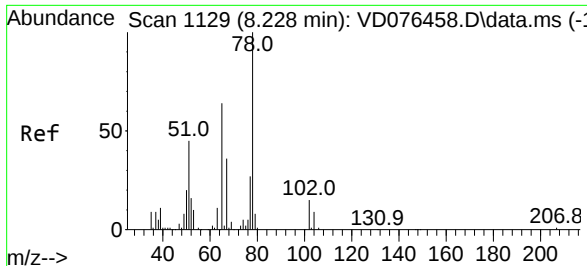
Tgt Ion: 56 Resp: 170365
Ion Ratio Lower Upper
56 100
69 32.7 28.6 43.0
84 82.6 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 40.458 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 97 Resp: 175831
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 45.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.102 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

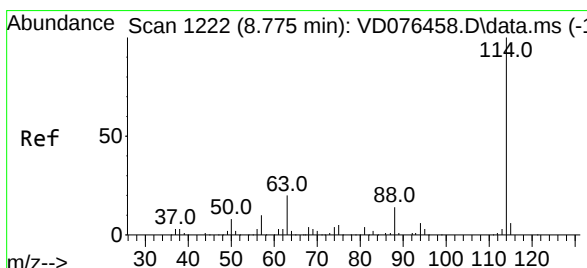
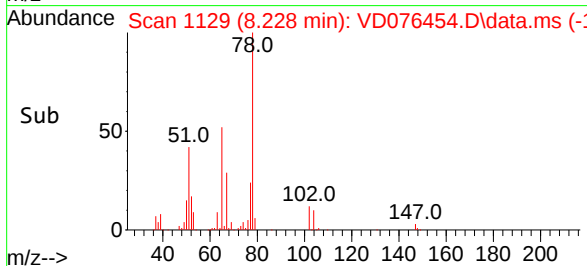
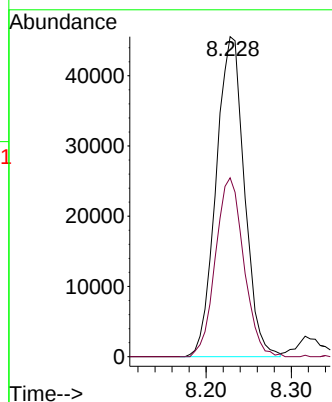
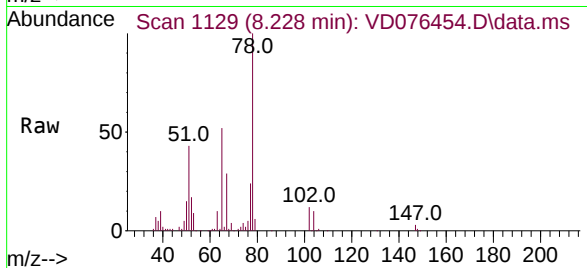
VSTDCCC050

Tgt Ion: 65 Resp: 105276

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

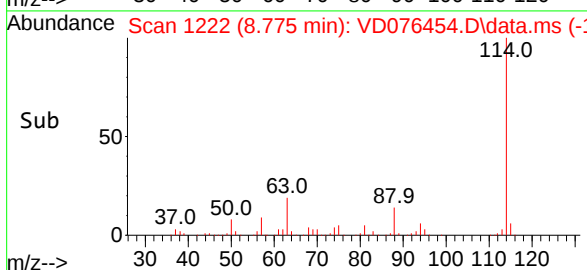
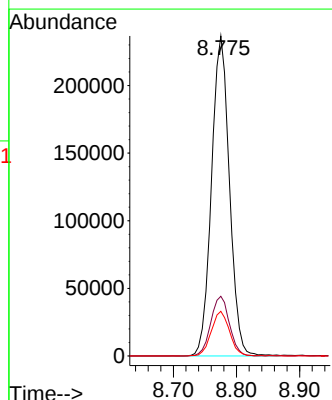
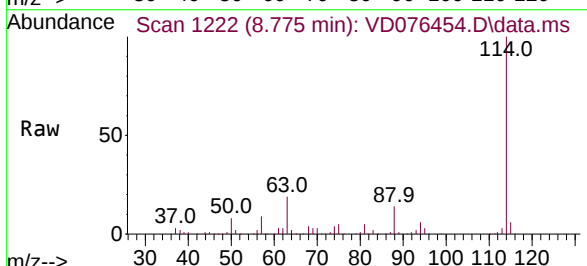
Tgt Ion: 114 Resp: 467213

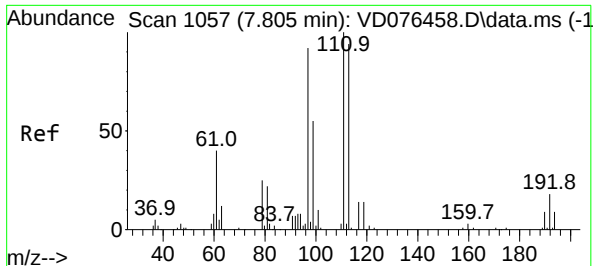
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.9 0.0 26.2

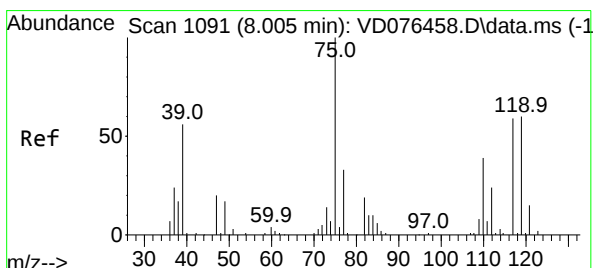
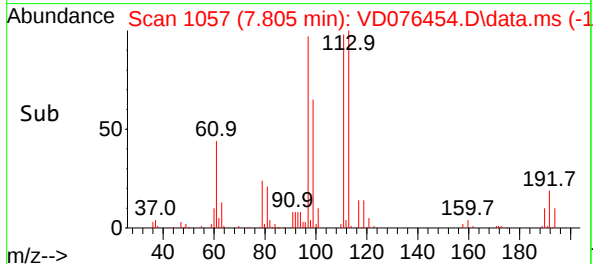
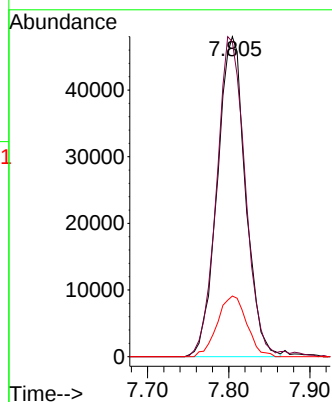
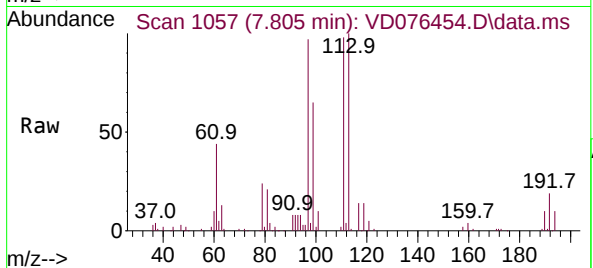




#35
Dibromofluoromethane
Concen: 41.671 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

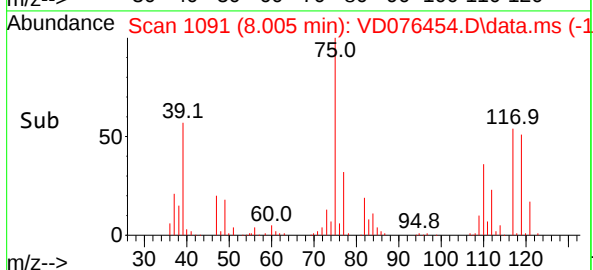
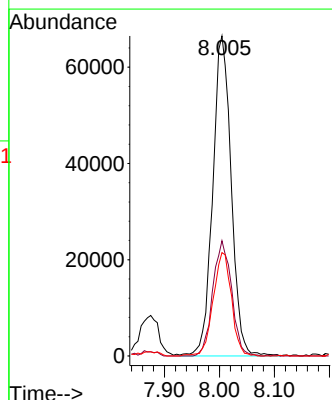
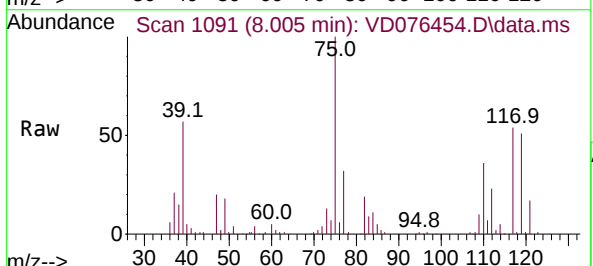
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

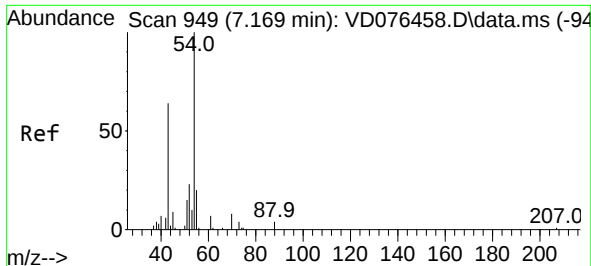
Tgt Ion:113 Resp: 115661
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 40.000 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 75 Resp: 155475
Ion Ratio Lower Upper
75 100
110 36.5 19.9 59.6
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 35.796 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

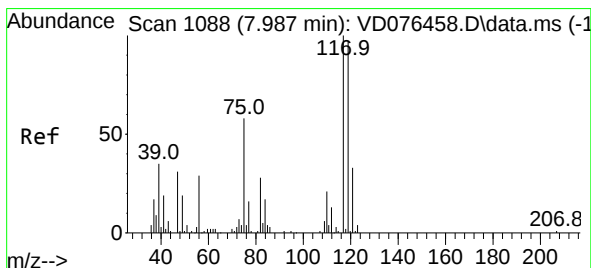
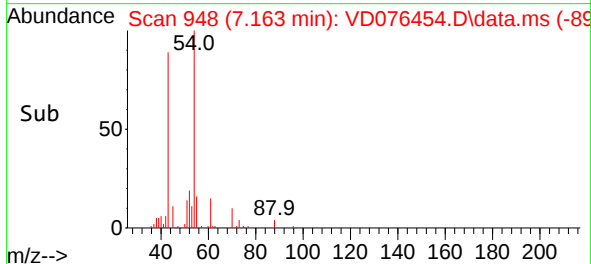
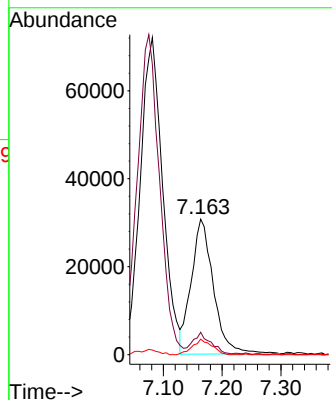
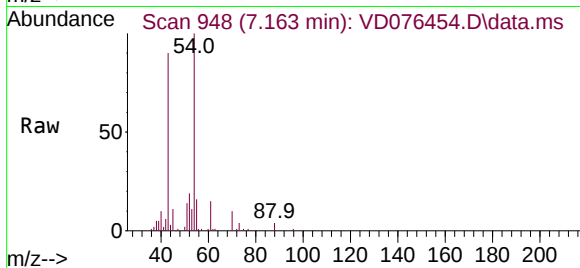
Tgt Ion: 43 Resp: 80623

Ion Ratio Lower Upper

43 100

61 12.9 14.9 22.3#

70 9.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 41.306 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

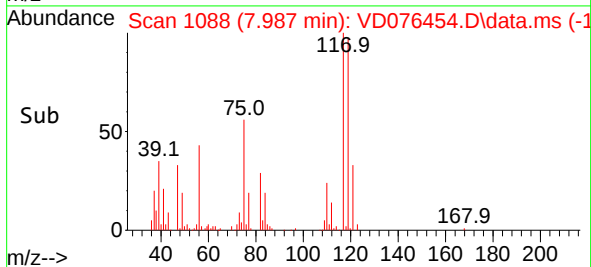
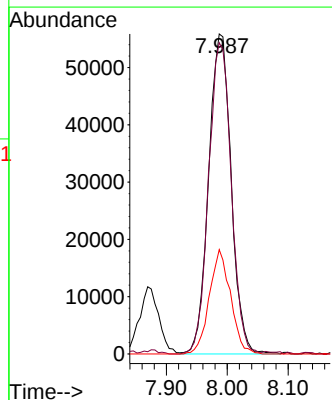
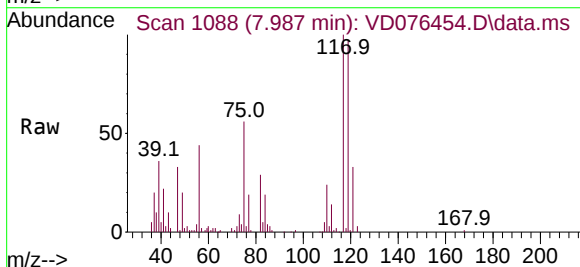
Tgt Ion: 117 Resp: 143499

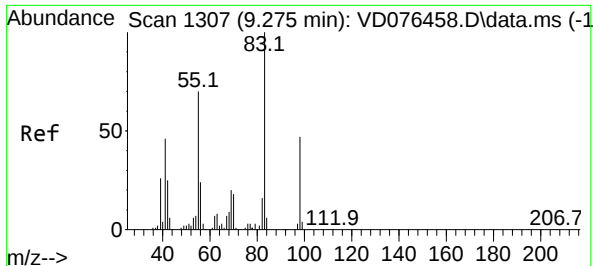
Ion Ratio Lower Upper

117 100

119 97.3 78.0 117.0

121 32.6 24.2 36.2





#39

Methylcyclohexane

Concen: 40.868 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

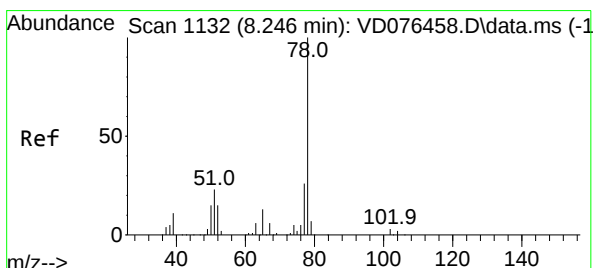
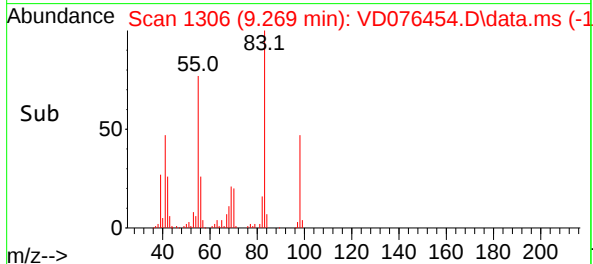
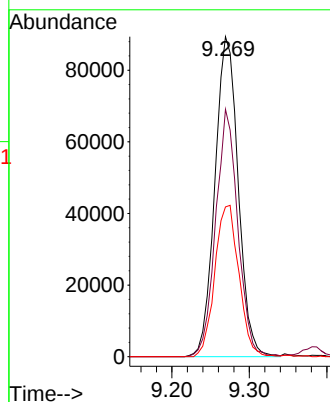
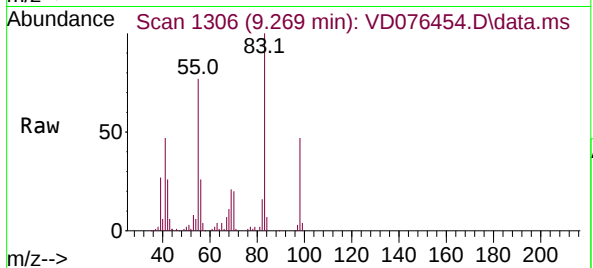
Tgt Ion: 83 Resp: 186410

Ion Ratio Lower Upper

83 100

55 77.3 49.4 74.0#

98 46.8 38.4 57.6



#40

Benzene

Concen: 40.052 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076454.D

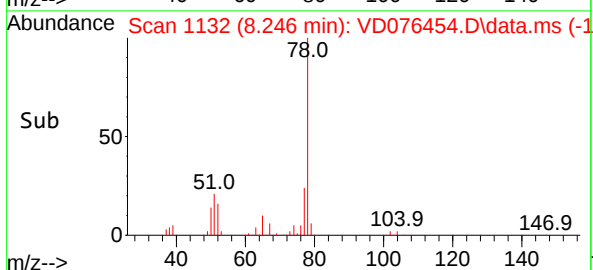
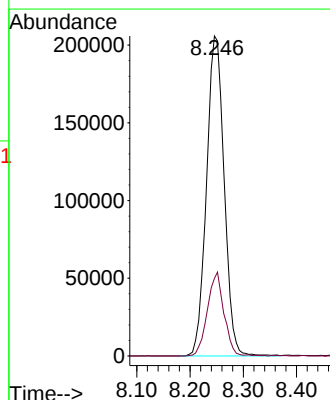
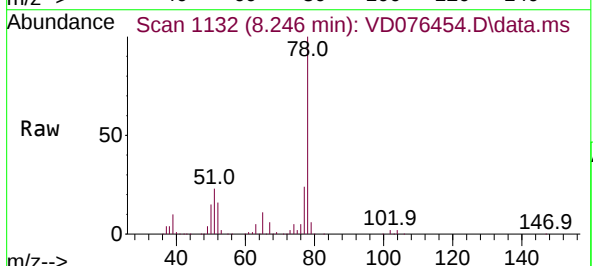
Acq: 16 Jun 2023 13:57

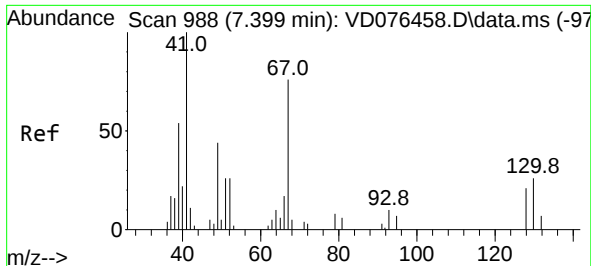
Tgt Ion: 78 Resp: 474740

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

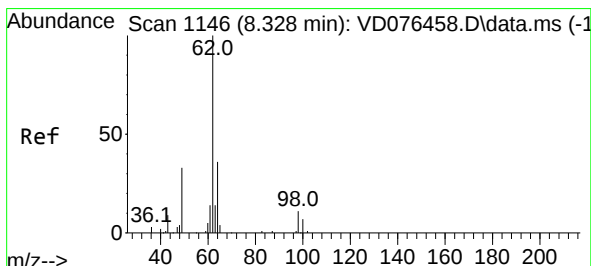
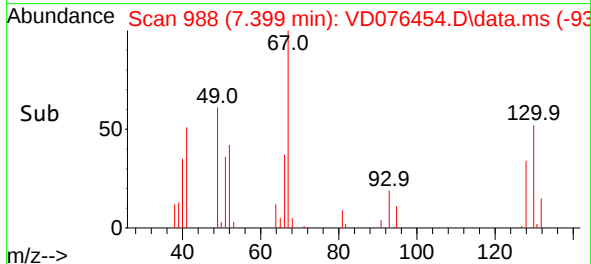
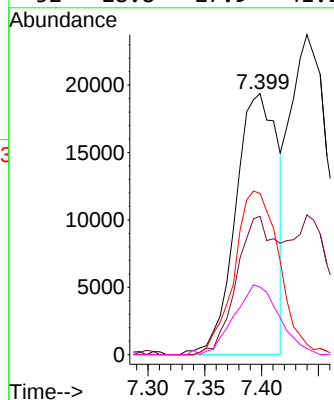
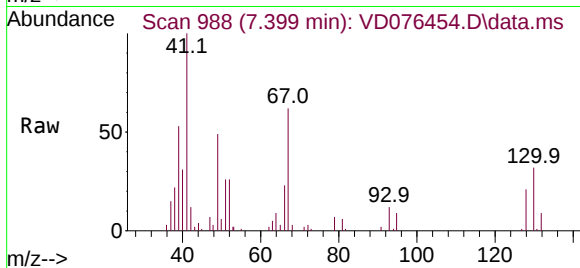




#41
Methacrylonitrile
Concen: 39.093 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

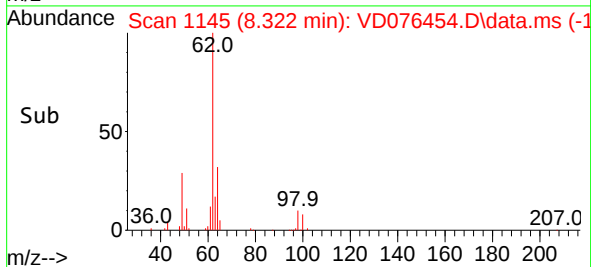
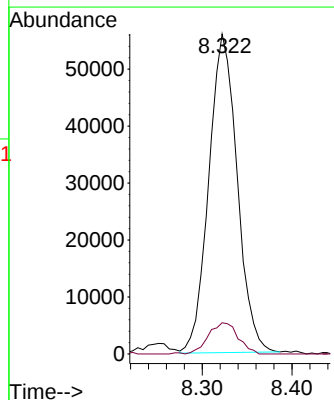
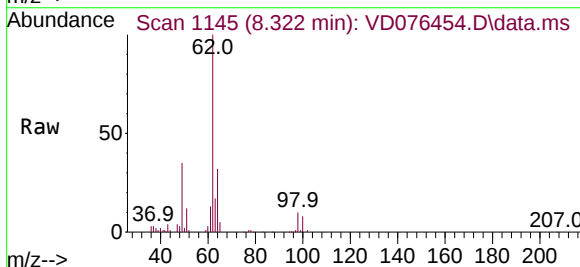
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

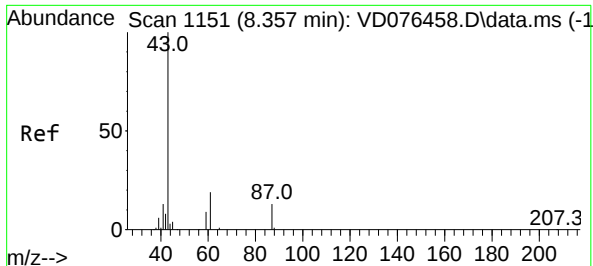
Tgt Ion:	41	Resp:	49720
Ion	Ratio	Lower	Upper
41	100		
39	50.7	34.0	51.0
67	67.4	77.0	115.4#
52	28.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 38.400 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:	62	Resp:	122985
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	25.4





#43

Isopropyl Acetate

Concen: 37.335 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

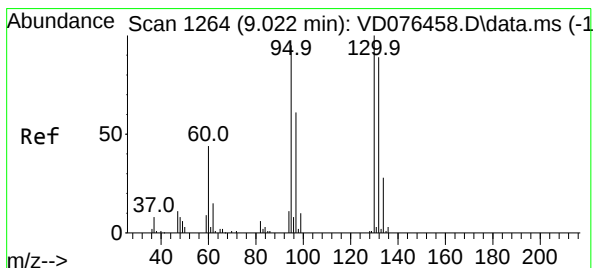
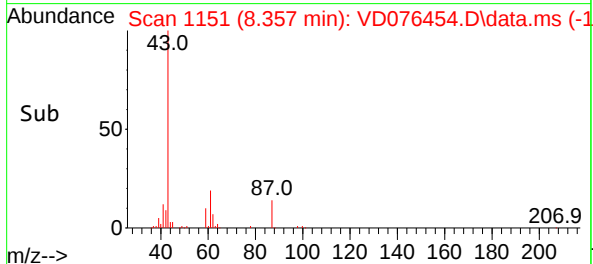
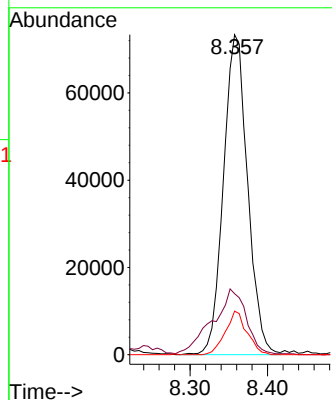
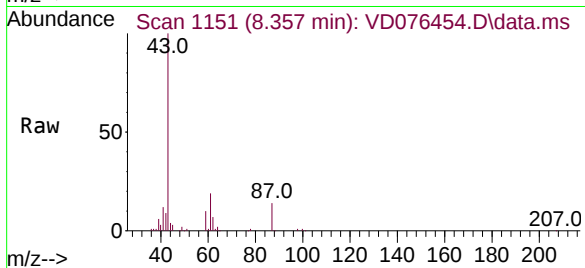
Tgt Ion: 43 Resp: 159196

Ion Ratio Lower Upper

43 100

61 28.8 31.4 47.0#

87 12.2 14.9 22.3#



#44

Trichloroethene

Concen: 39.565 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VD076454.D

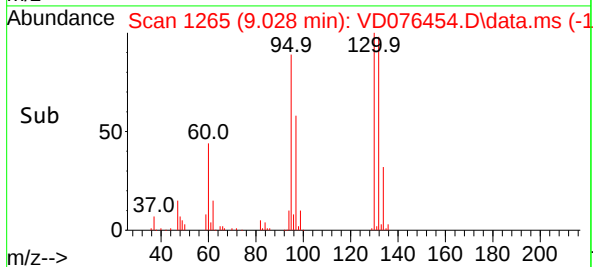
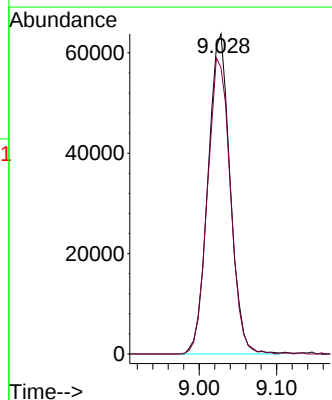
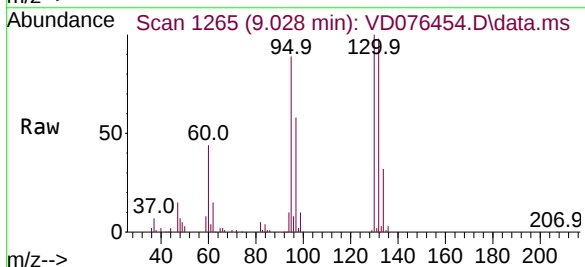
Acq: 16 Jun 2023 13:57

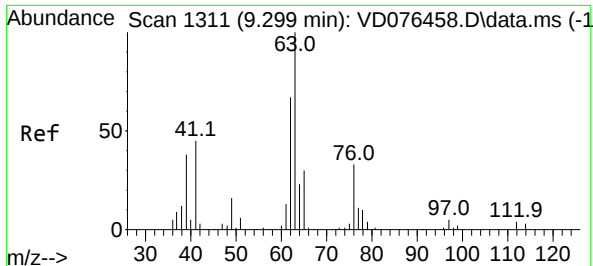
Tgt Ion:130 Resp: 126508

Ion Ratio Lower Upper

130 100

95 89.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 39.229 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

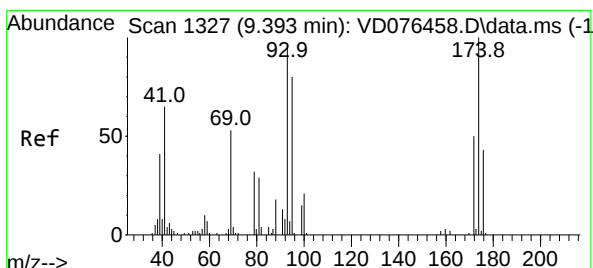
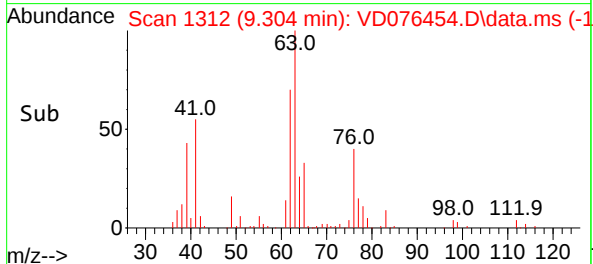
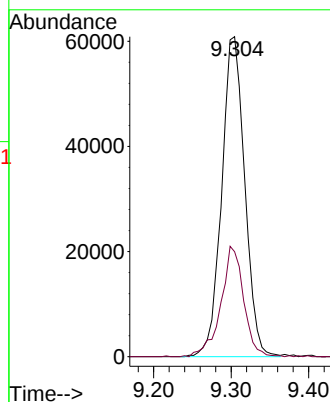
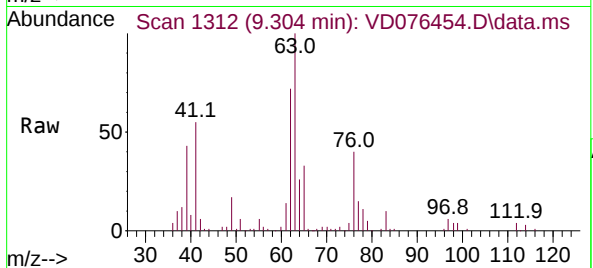
VSTDCCC050

Tgt Ion: 63 Resp: 126073

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 38.500 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

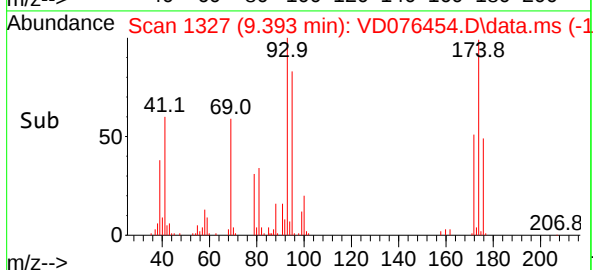
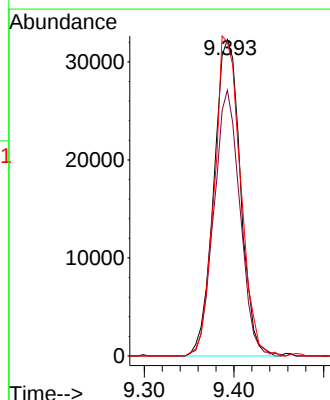
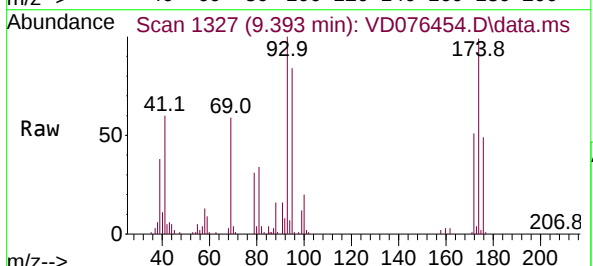
Tgt Ion: 93 Resp: 66282

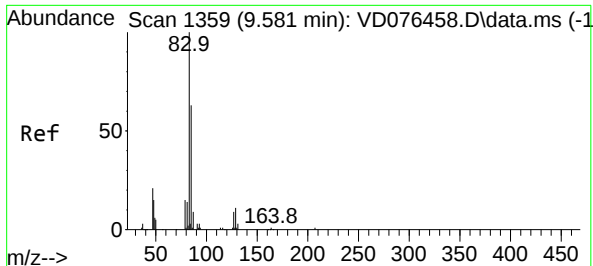
Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

174 99.6 85.4 128.2





#47

Bromodichloromethane

Concen: 38.912 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

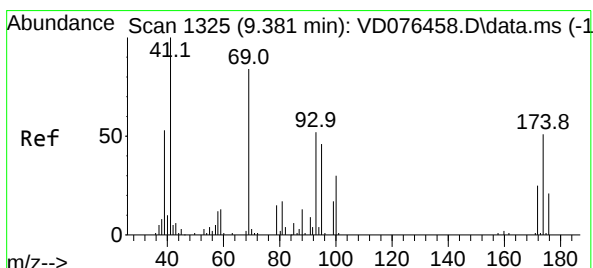
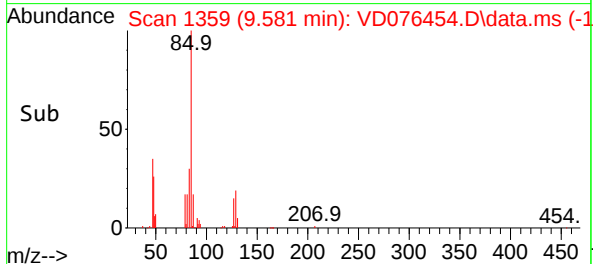
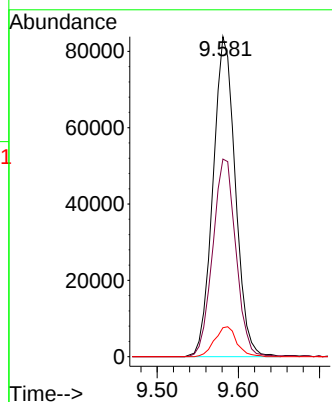
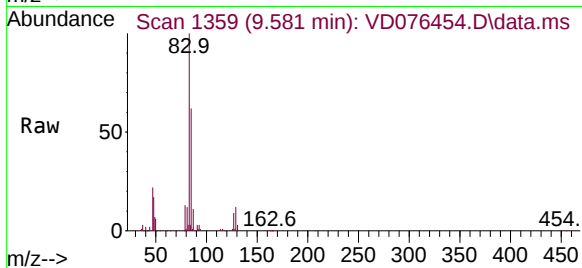
Tgt Ion: 83 Resp: 160313

Ion Ratio Lower Upper

83 100

85 61.7 50.2 75.4

127 9.1 6.3 9.5



#48

Methyl methacrylate

Concen: 38.383 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

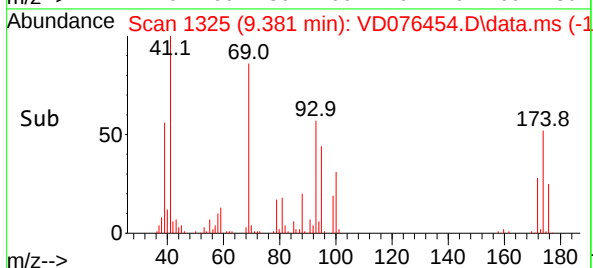
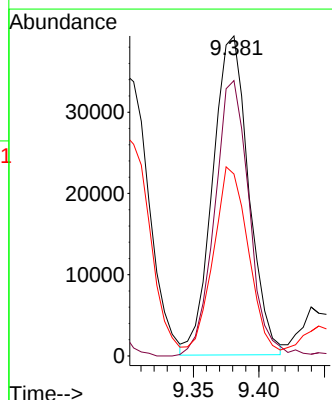
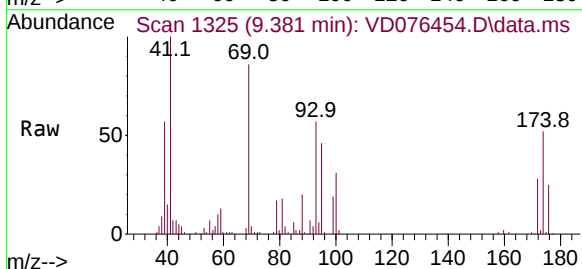
Tgt Ion: 41 Resp: 75014

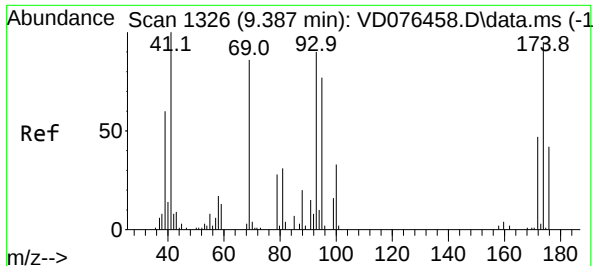
Ion Ratio Lower Upper

41 100

69 82.9 102.2 153.2#

39 58.5 41.4 62.2





#49

1,4-Dioxane

Concen: 788.424 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

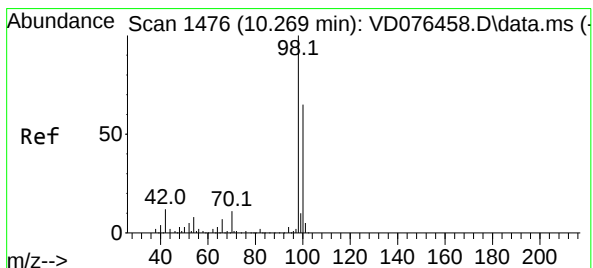
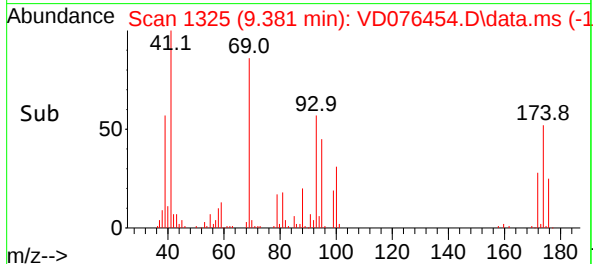
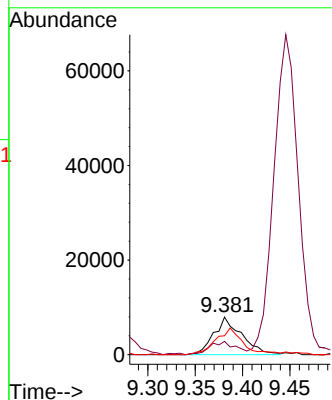
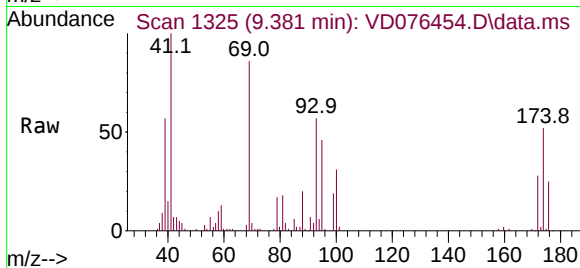
Tgt Ion: 88 Resp: 16263

Ion Ratio Lower Upper

88 100

43 32.8 19.0 28.6#

58 69.1 43.5 65.3#



#50

Toluene-d8

Concen: 41.597 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076454.D

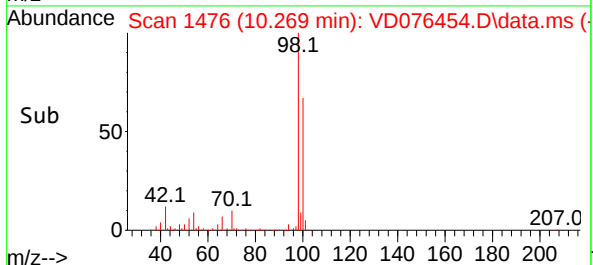
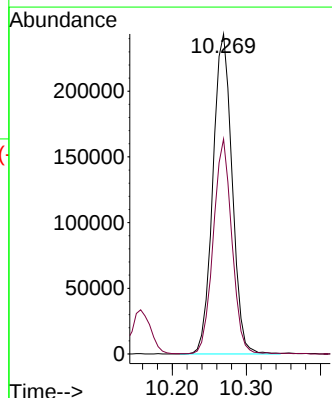
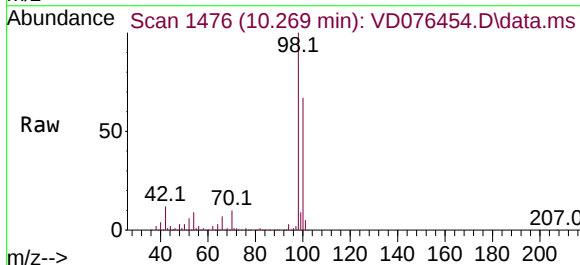
Acq: 16 Jun 2023 13:57

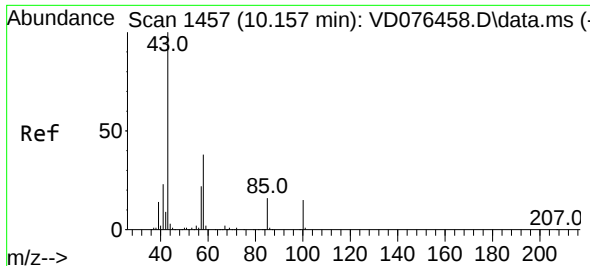
Tgt Ion: 98 Resp: 437855

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

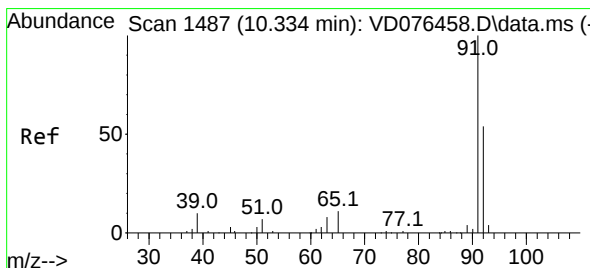
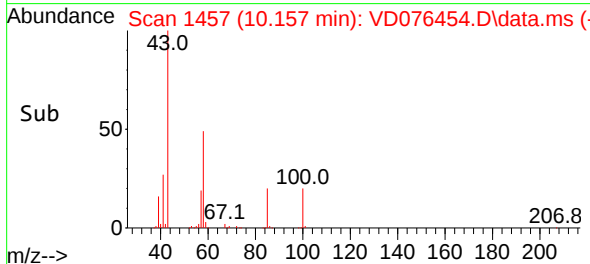
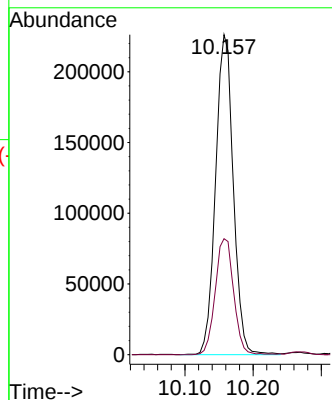
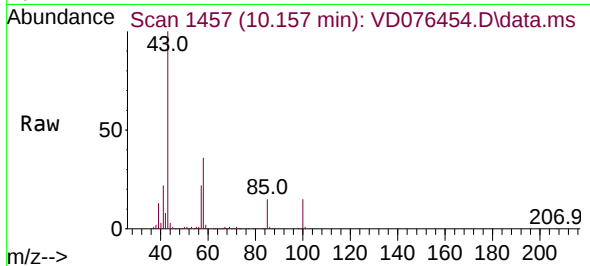




#51
4-Methyl-2-Pentanone
Concen: 187.911 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

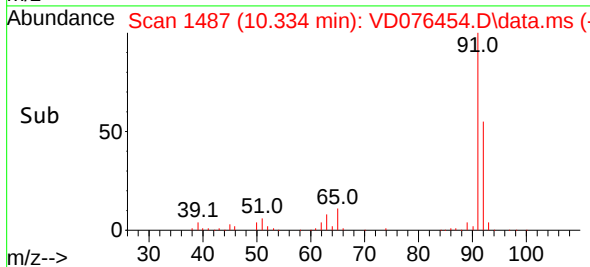
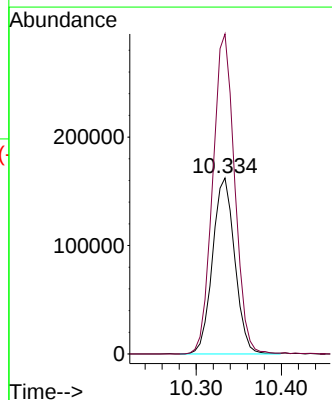
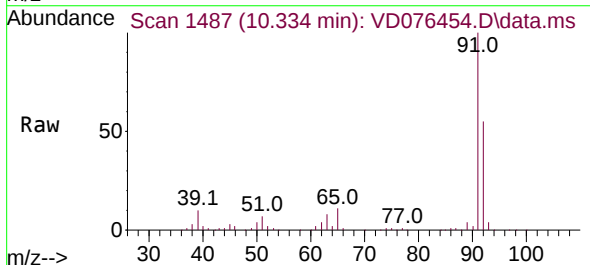
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

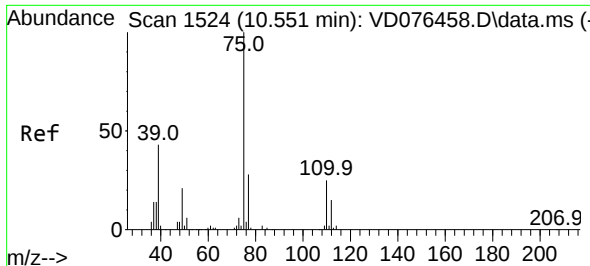
Tgt Ion: 43 Resp: 409583
Ion Ratio Lower Upper
43 100
58 37.7 38.9 58.3#



#52
Toluene
Concen: 39.490 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 92 Resp: 293729
Ion Ratio Lower Upper
92 100
91 179.6 143.0 214.4

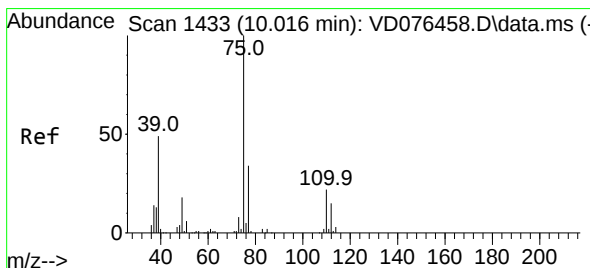
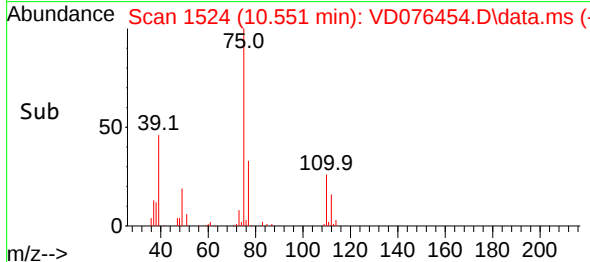
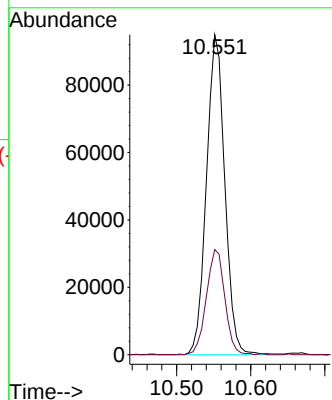
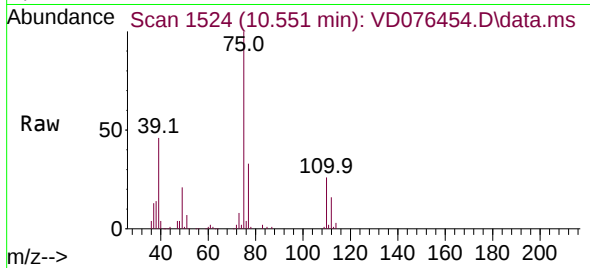




#53
t-1,3-Dichloropropene
Concen: 39.006 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

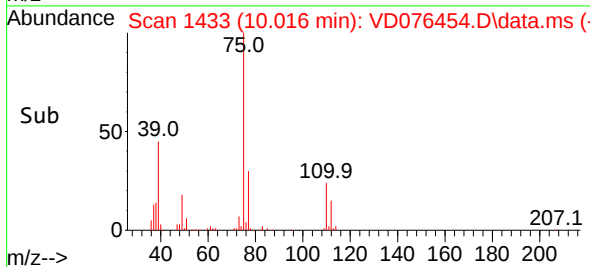
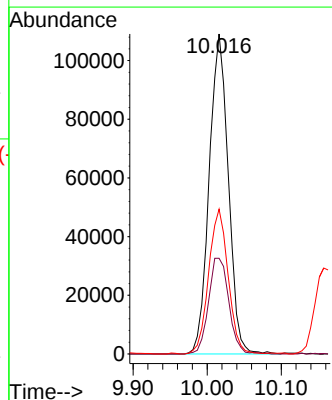
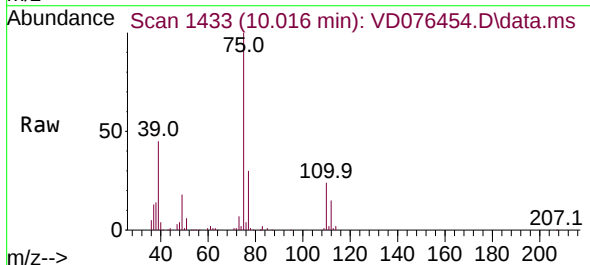
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

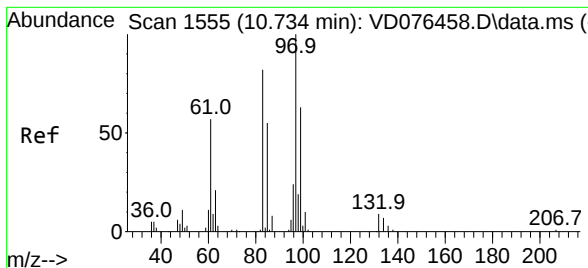
Tgt Ion: 75 Resp: 163067
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 39.514 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 75 Resp: 195847
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 45.2 22.1 33.1#

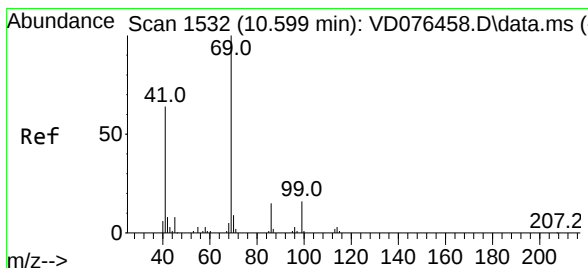
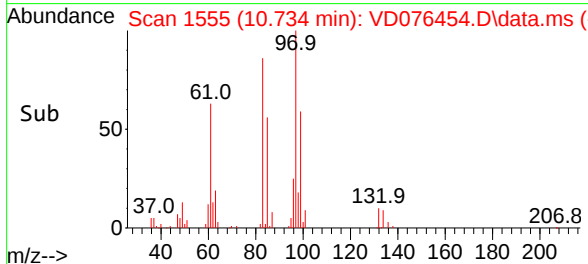
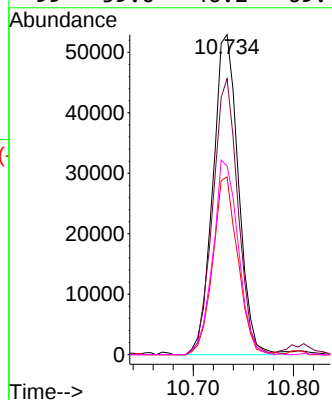
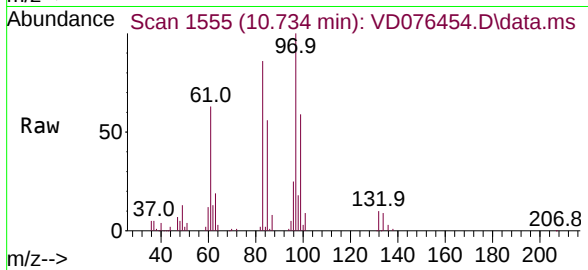




#55
1,1,2-Trichloroethane
Concen: 38.858 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

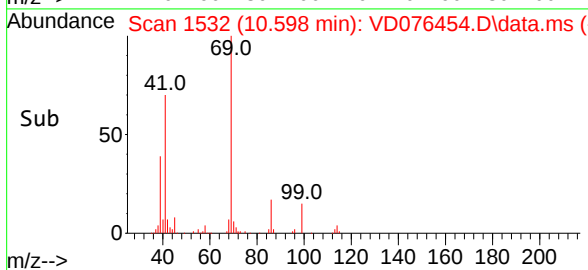
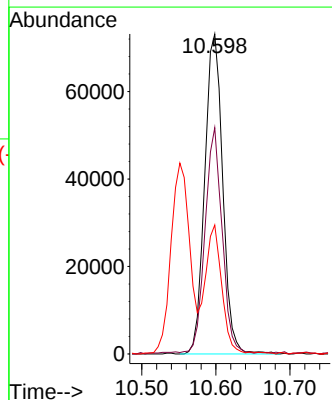
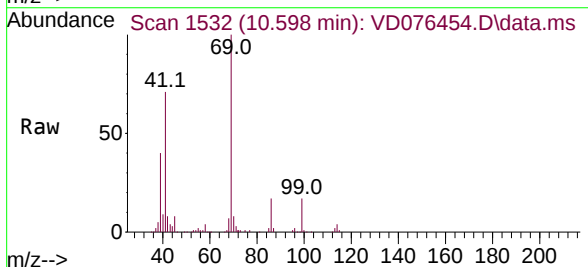
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

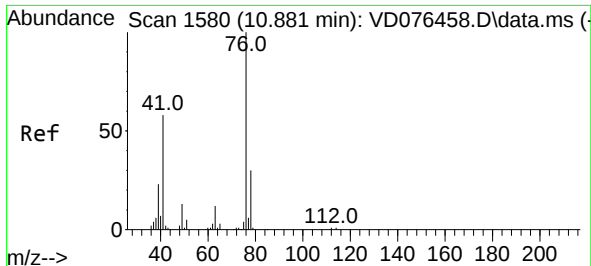
Tgt Ion:	97	Resp:	93577
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.8	98.6
85	55.6	45.7	68.5
99	59.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 39.206 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:	69	Resp:	123277
Ion	Ratio	Lower	Upper
69	100		
41	68.5	39.1	58.7#
39	37.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 38.353 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

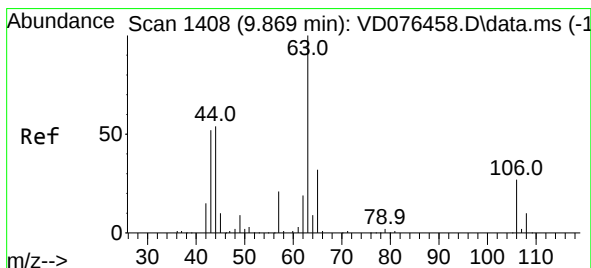
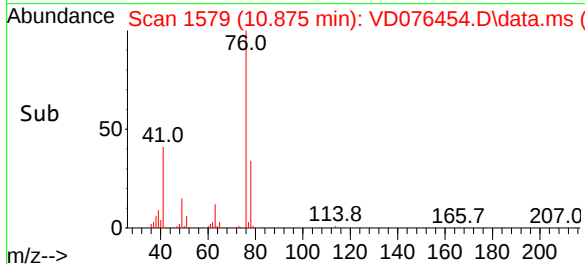
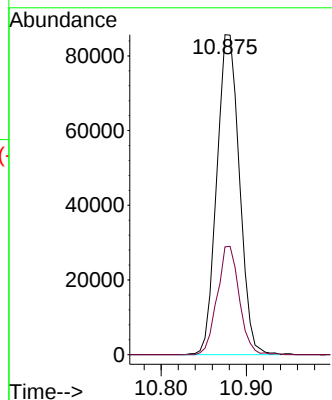
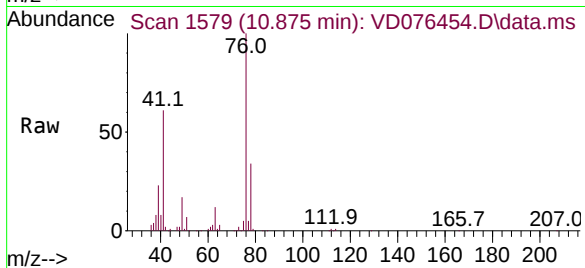
VSTDCCC050

Tgt Ion: 76 Resp: 158133

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 193.528 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076454.D

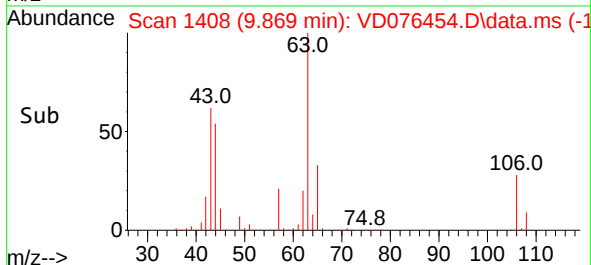
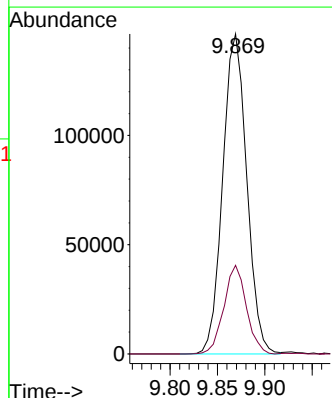
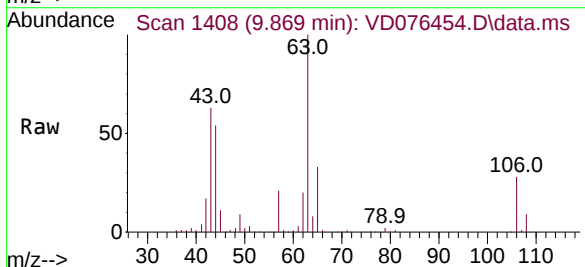
Acq: 16 Jun 2023 13:57

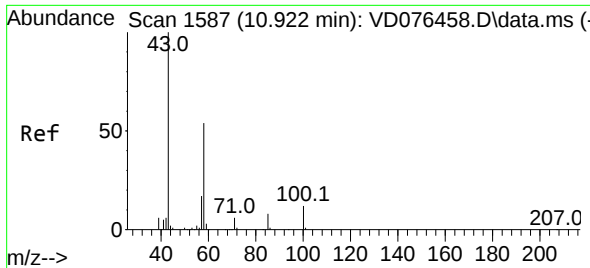
Tgt Ion: 63 Resp: 257987

Ion Ratio Lower Upper

63 100

106 26.0 25.3 37.9

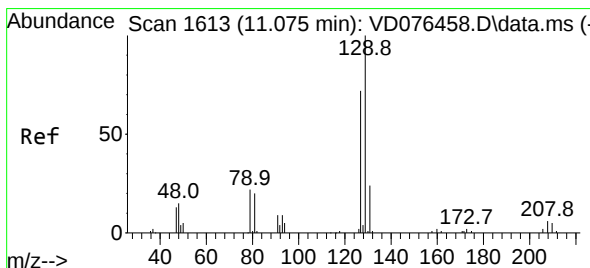
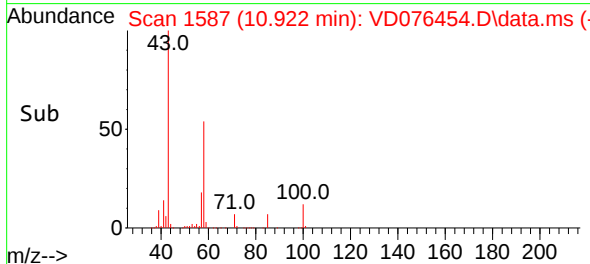
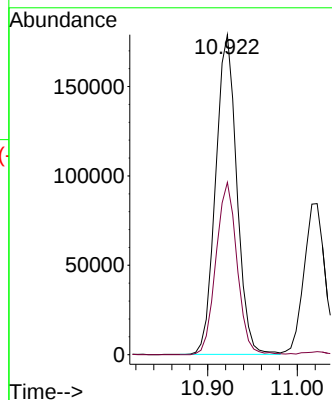
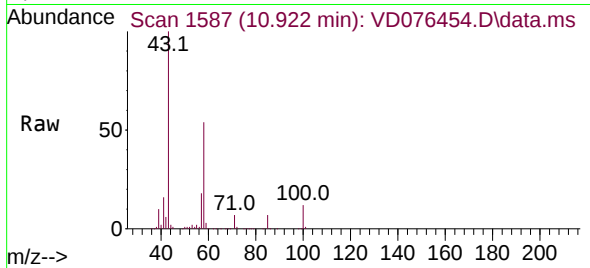




#59
2-Hexanone
Concen: 193.200 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

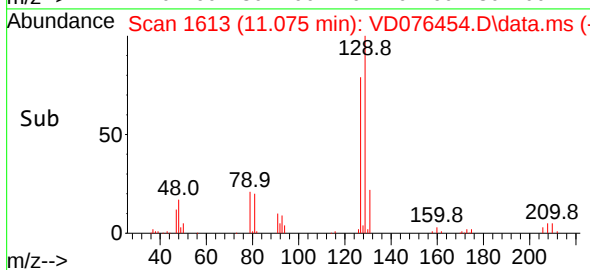
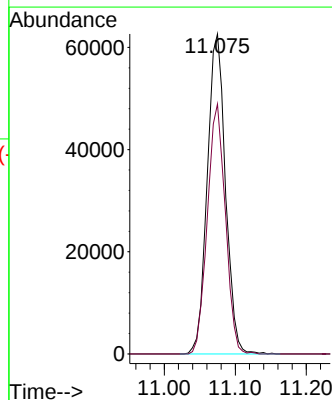
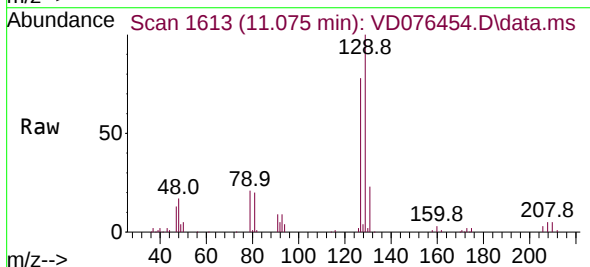
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

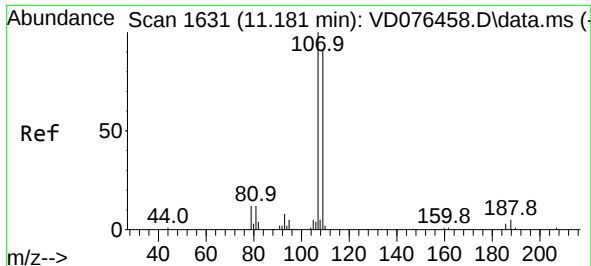
Tgt Ion: 43 Resp: 292926
Ion Ratio Lower Upper
43 100
58 53.8 34.1 102.2



#60
Dibromochloromethane
Concen: 39.862 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 129 Resp: 111716
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

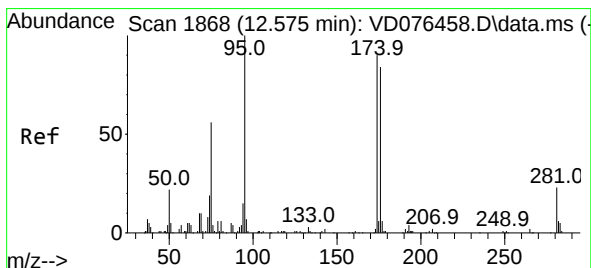
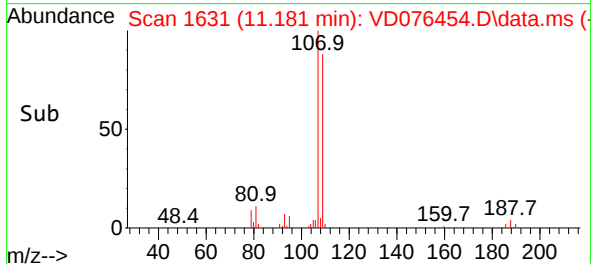
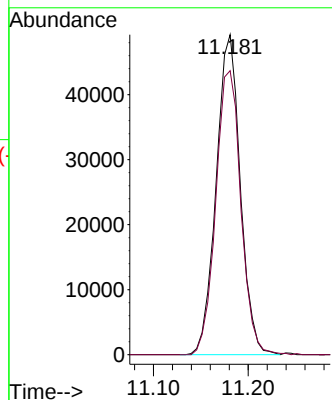
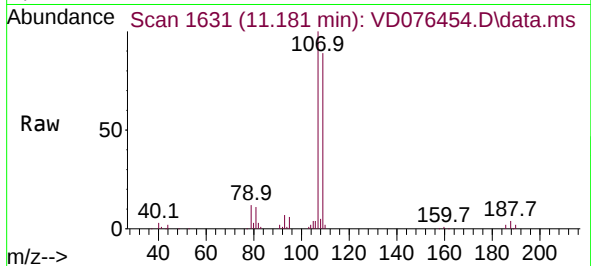




#61
1,2-Dibromoethane
Concen: 38.505 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

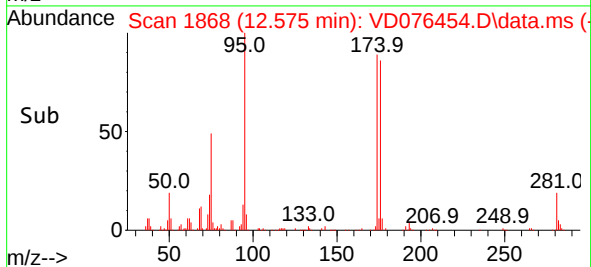
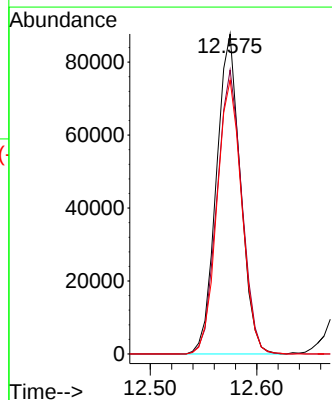
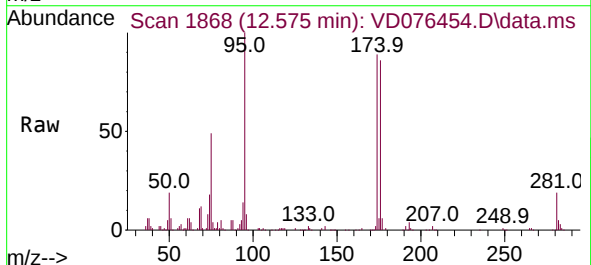
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

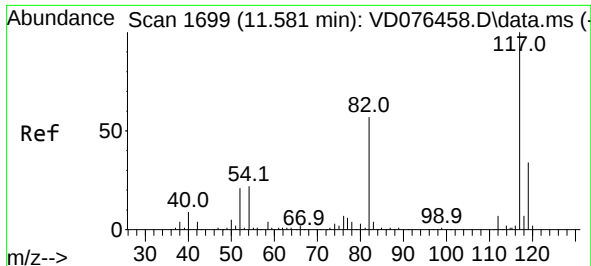
Tgt Ion:107 Resp: 87045
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 40.170 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 95 Resp: 137230
Ion Ratio Lower Upper
95 100
174 91.5 0.0 201.8
176 88.0 0.0 191.8

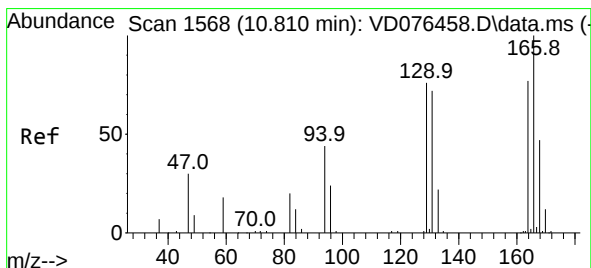
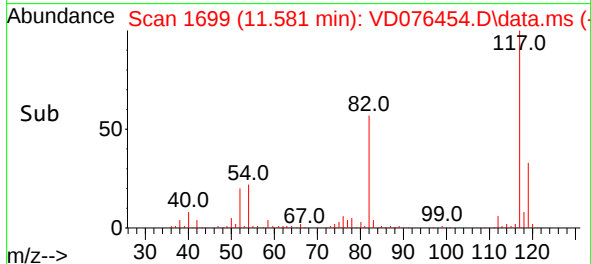
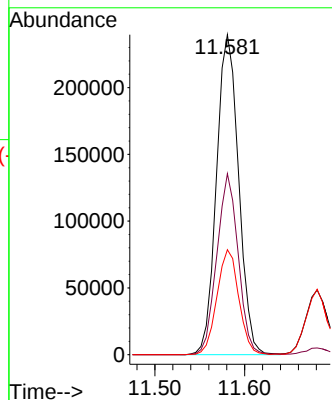
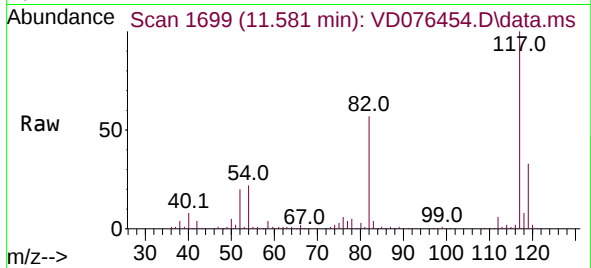




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

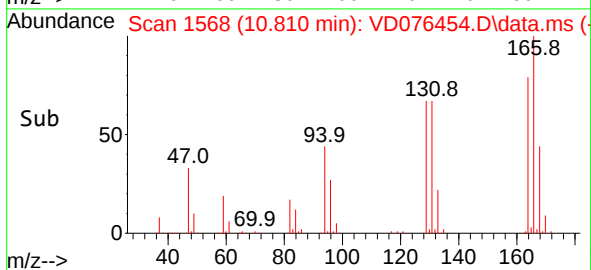
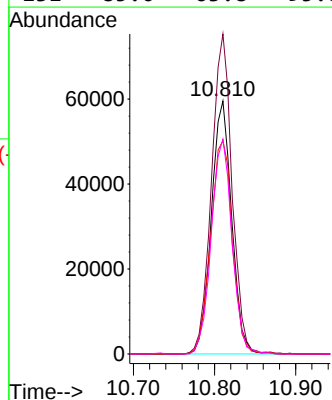
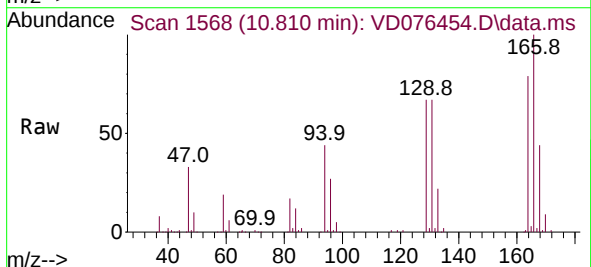
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

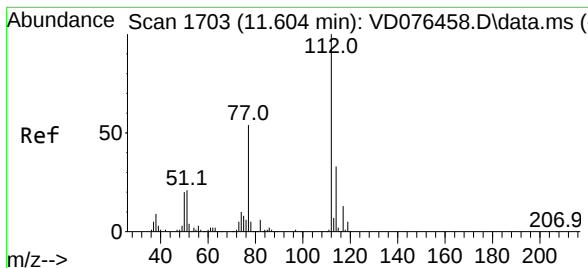
Tgt Ion:117 Resp: 411176
Ion Ratio Lower Upper
117 100
82 56.6 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 42.066 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:164 Resp: 103823
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 84.3 68.4 102.6
131 85.0 63.8 95.8

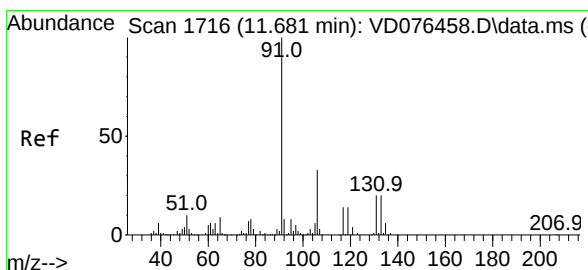
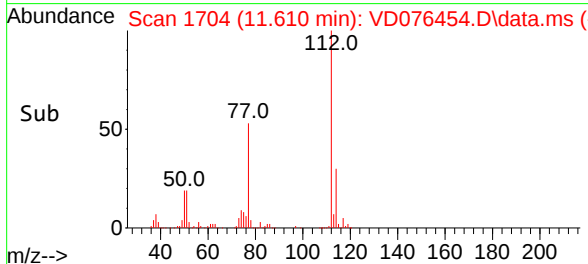
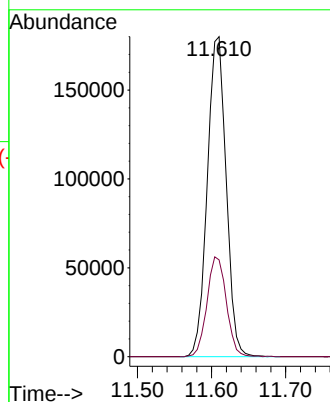
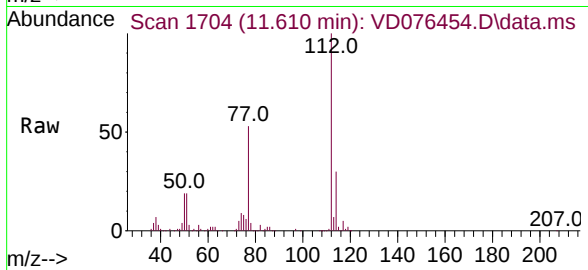




#65
Chlorobenzene
Concen: 40.691 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

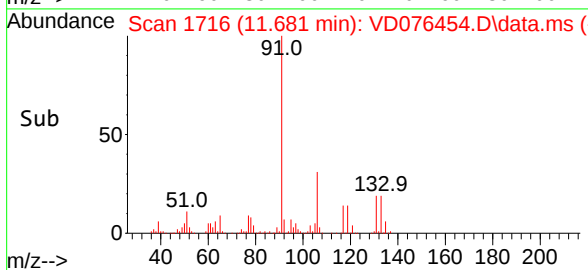
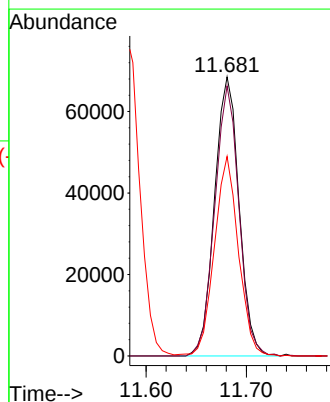
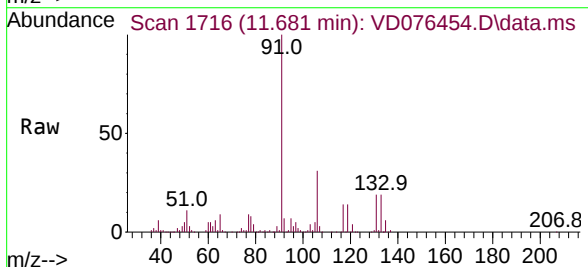
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

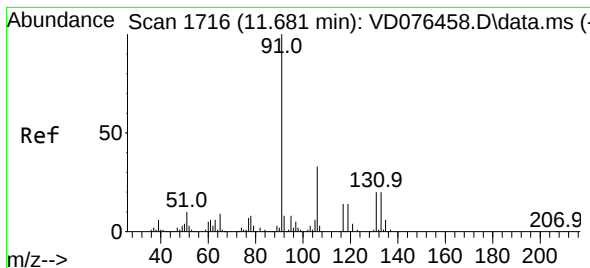
Tgt Ion:112 Resp: 317859
Ion Ratio Lower Upper
112 100
114 30.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 41.676 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:131 Resp: 116428
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 70.1 35.6 106.9

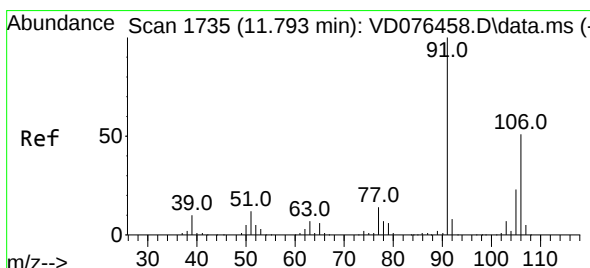
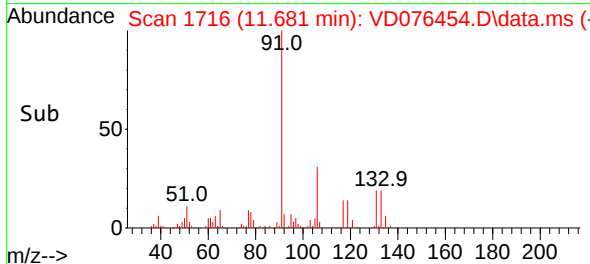
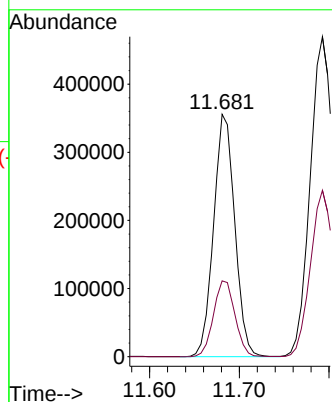
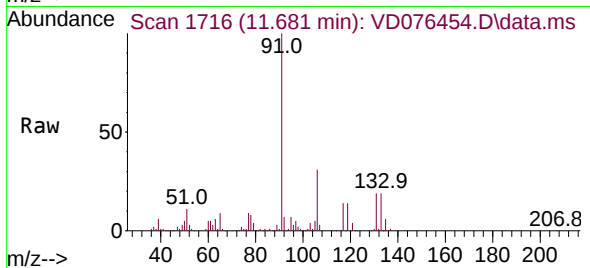




#67
Ethyl Benzene
Concen: 42.130 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

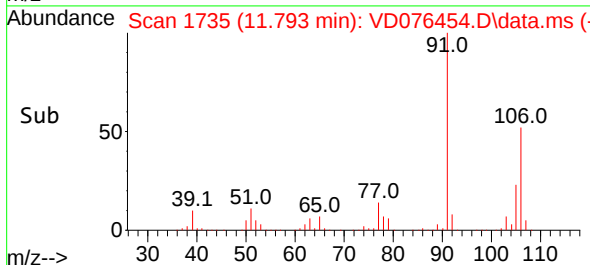
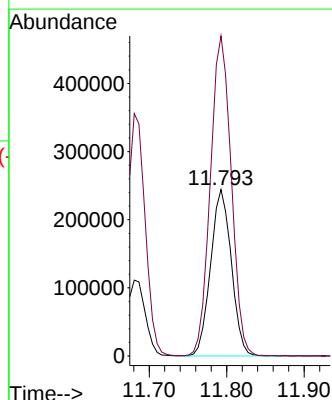
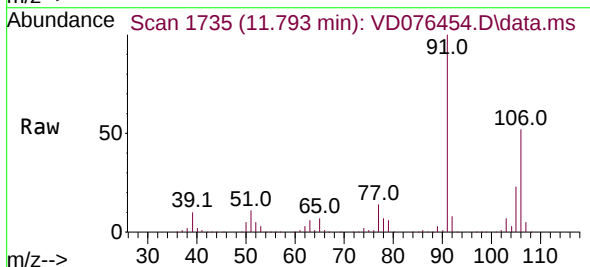
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

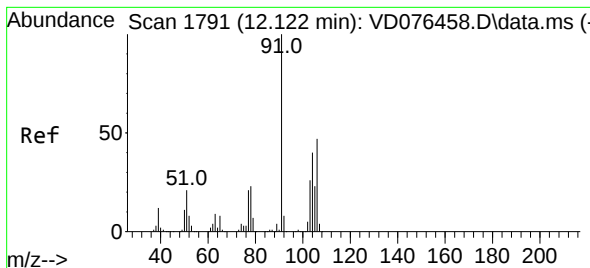
Tgt Ion: 91 Resp: 583133
Ion Ratio Lower Upper
91 100
106 31.3 26.5 39.7



#68
m/p-Xylenes
Concen: 83.867 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 106 Resp: 453140
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6





#69

o-Xylene

Concen: 42.119 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

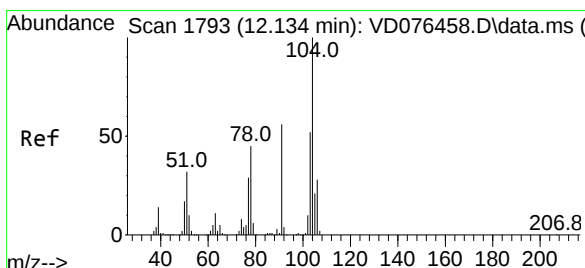
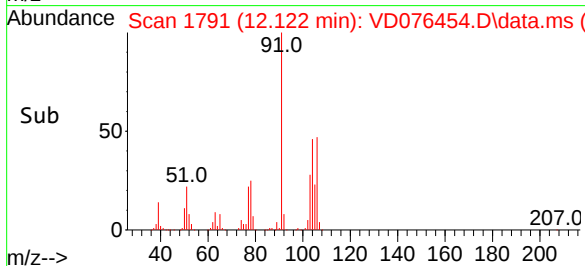
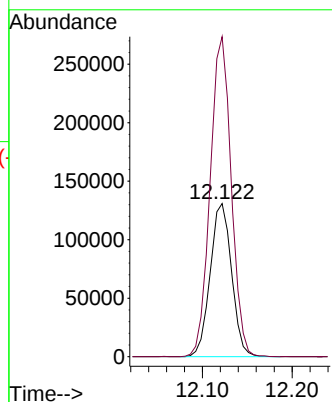
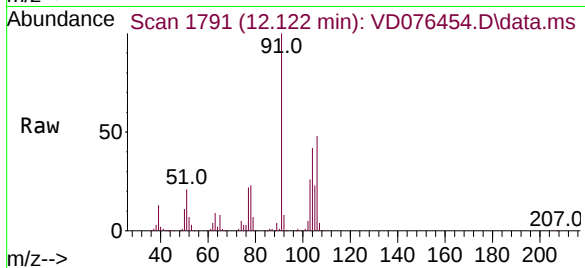
VSTDCCC050

Tgt Ion:106 Resp: 216629

Ion Ratio Lower Upper

106 100

91 206.0 97.9 293.6



#70

Styrene

Concen: 40.883 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

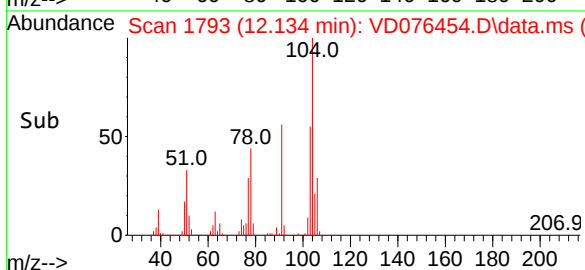
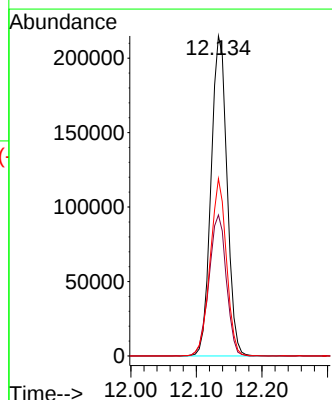
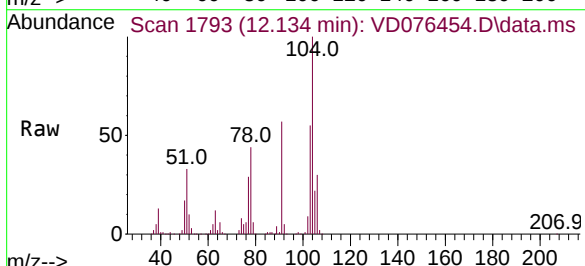
Tgt Ion:104 Resp: 363229

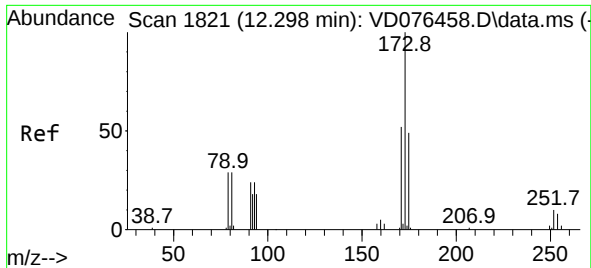
Ion Ratio Lower Upper

104 100

78 47.8 33.2 49.8

103 56.4 43.6 65.4

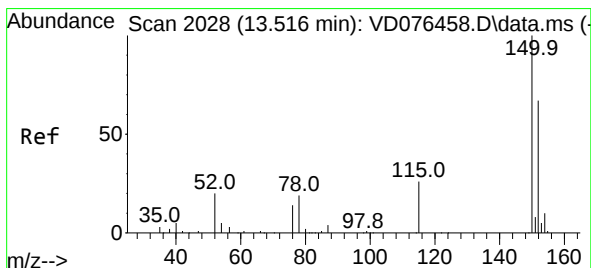
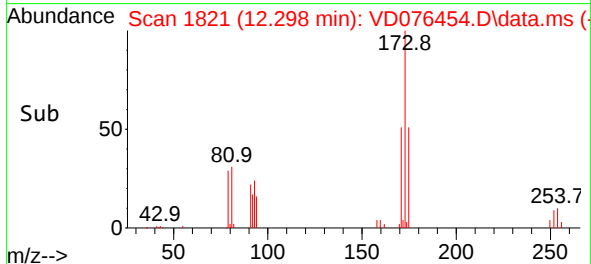
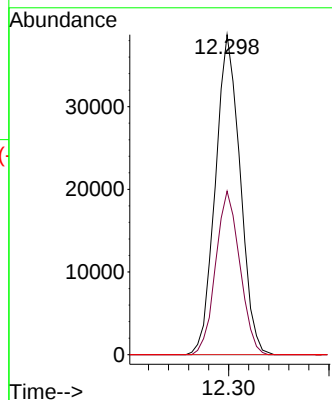
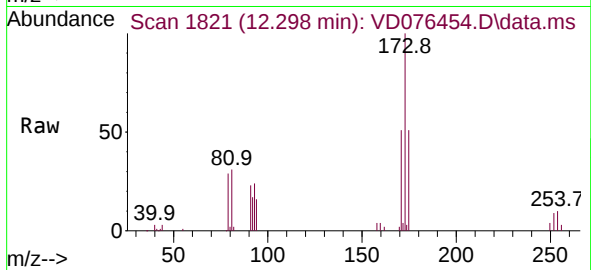




#71
Bromoform
Concen: 39.428 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

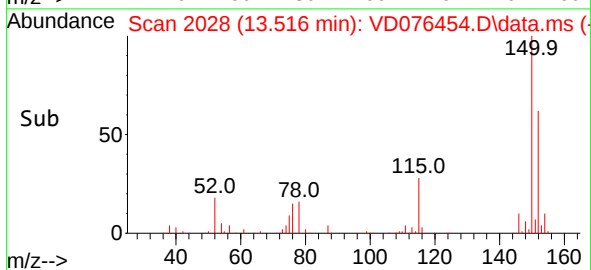
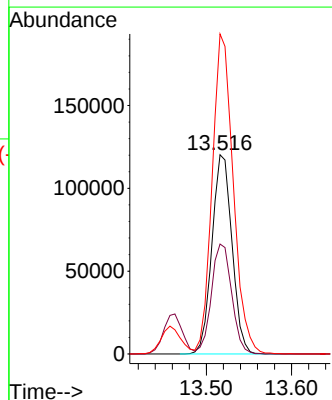
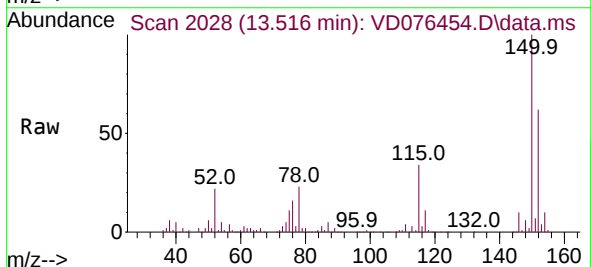
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

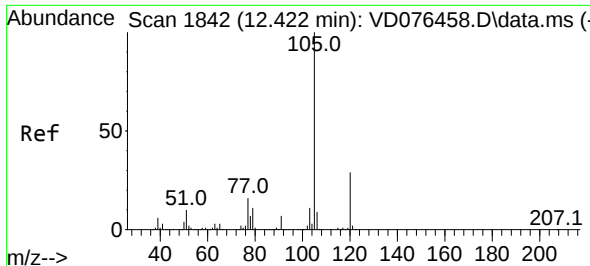
Tgt Ion:173 Resp: 66135
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:152 Resp: 196678
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 168.7 0.0 353.6

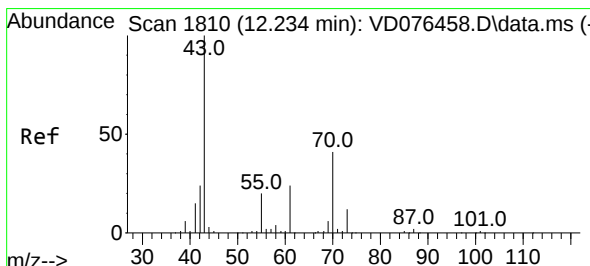
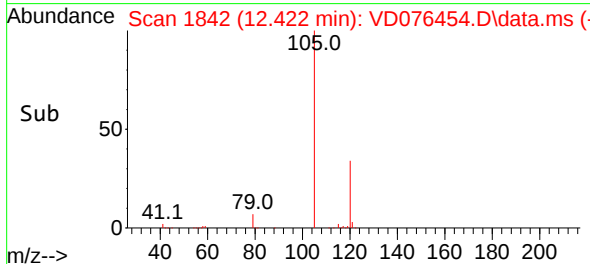
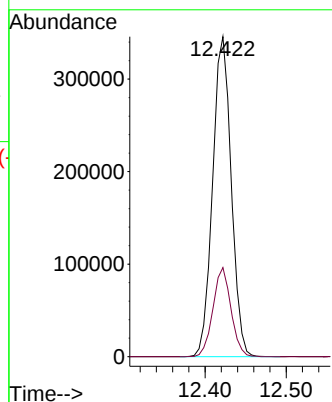
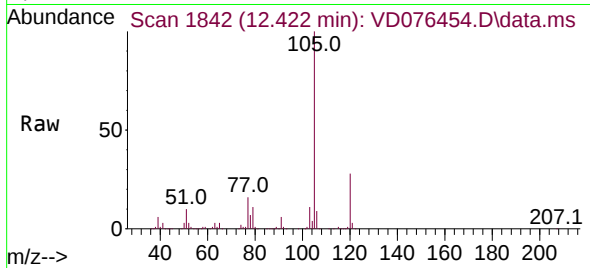




#73
Isopropylbenzene
Concen: 41.541 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

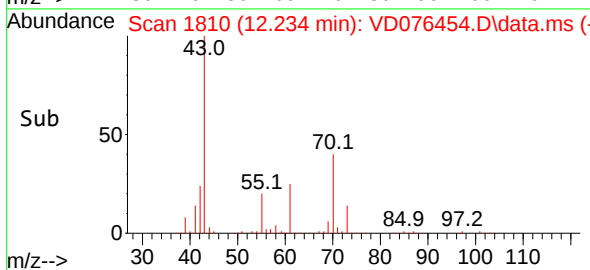
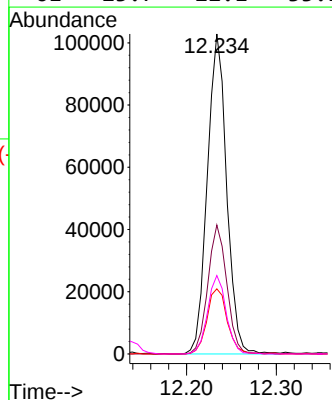
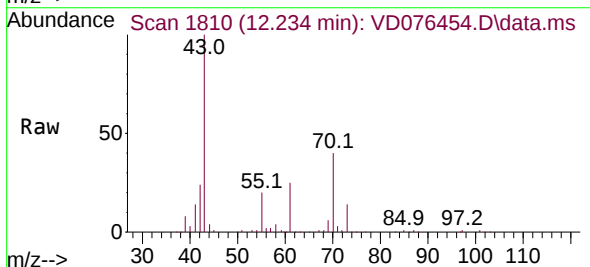
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

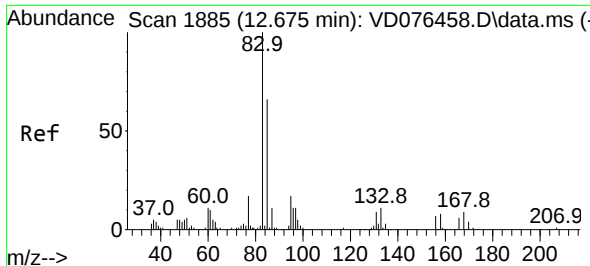
Tgt Ion:105 Resp: 550075
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 39.673 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 43 Resp: 153796
Ion Ratio Lower Upper
43 100
70 39.5 45.0 67.4#
55 21.3 23.8 35.6#
61 23.7 22.1 33.1

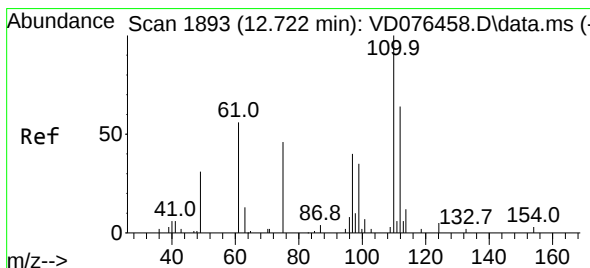
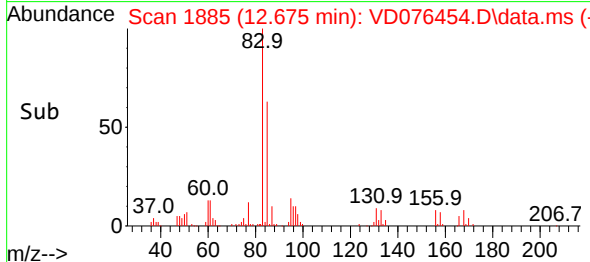
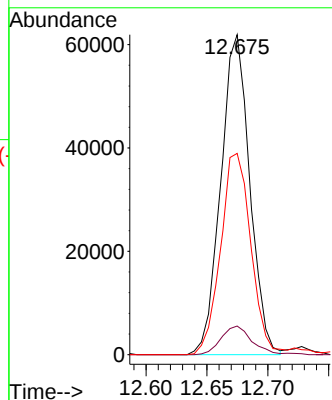
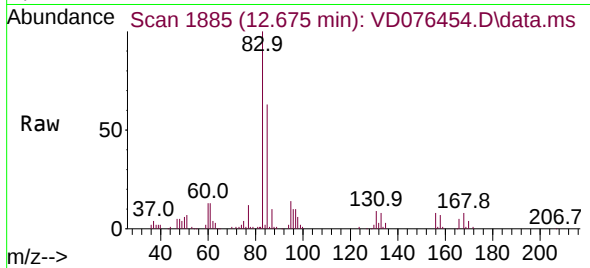




#75
 1,1,2,2-Tetrachloroethane
 Concen: 37.519 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

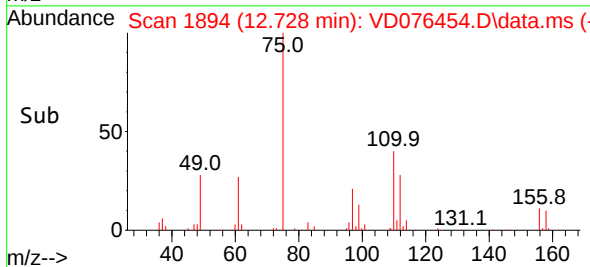
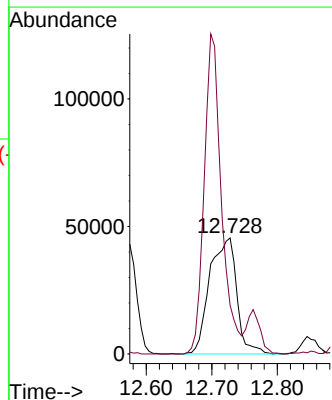
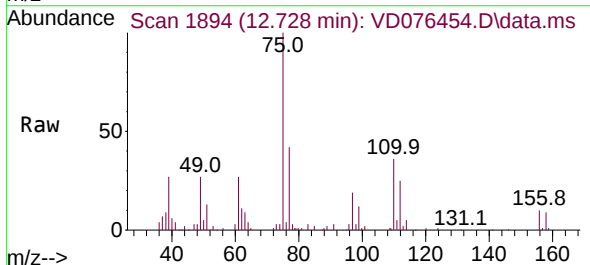
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

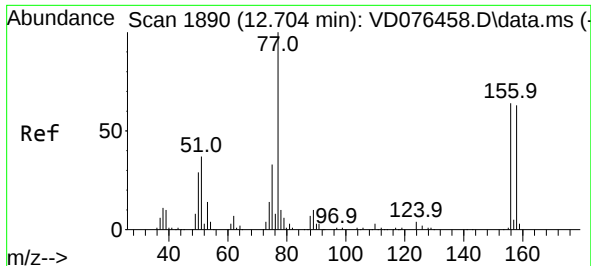
Tgt Ion: 83 Resp: 102520
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 65.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 66.679 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 13:57

Tgt Ion: 75 Resp: 130156
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

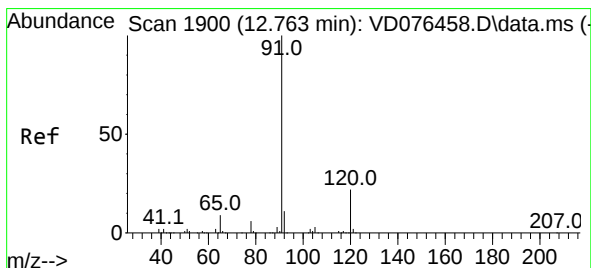
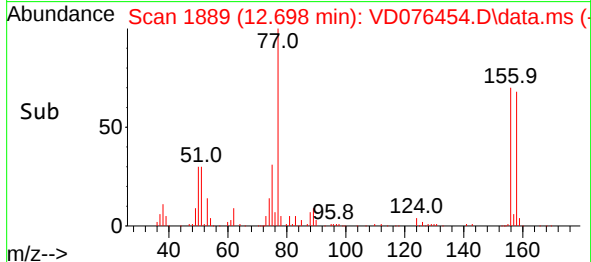
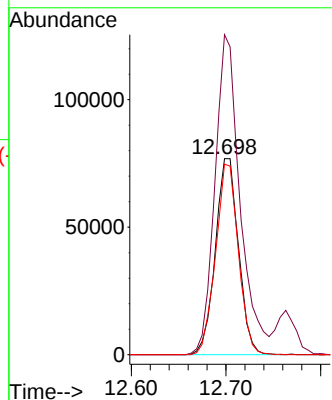
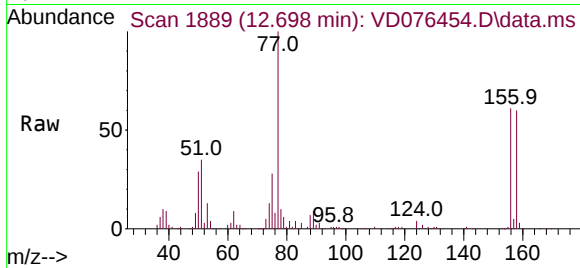




#77
Bromobenzene
Concen: 39.973 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

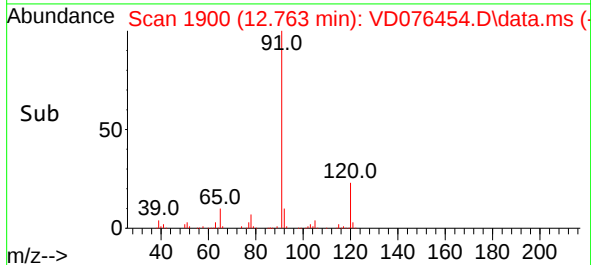
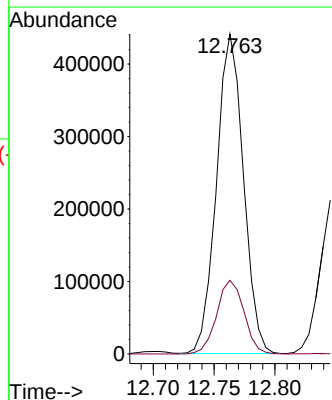
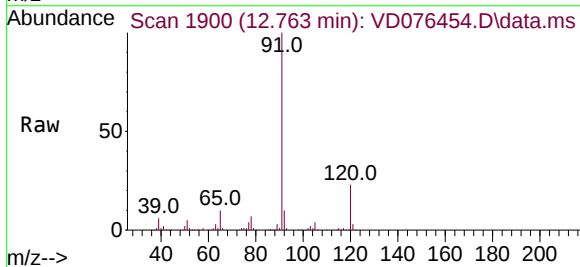
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

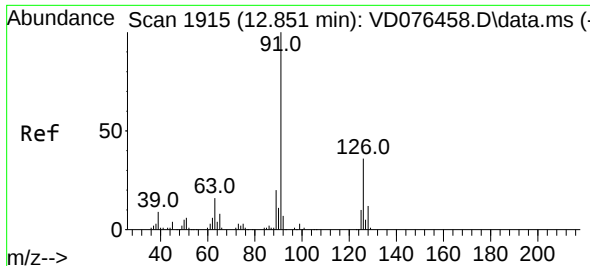
Tgt Ion	Resp	Lower	Upper
156	130587		
77	100		
158	176.6	76.8	230.4
	95.4	48.6	145.9



#78
n-propylbenzene
Concen: 41.461 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion	Resp	Lower	Upper
91	677893		
120	100		
	23.3	12.4	37.2

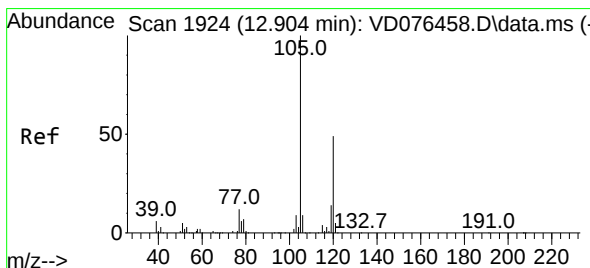
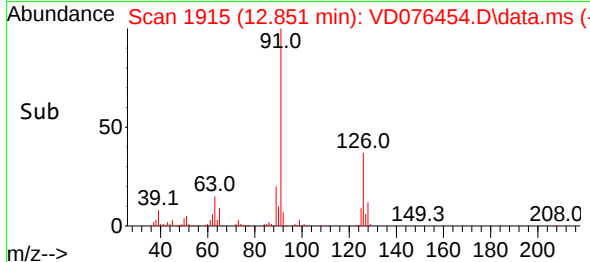
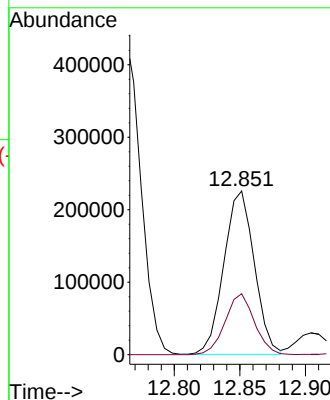
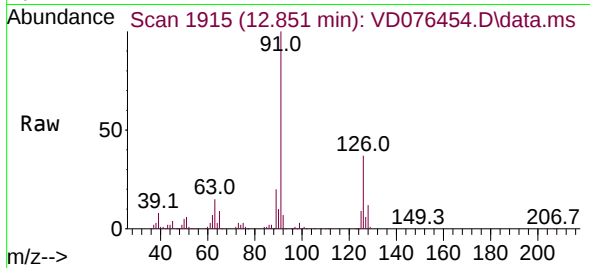




#79
2-Chlorotoluene
Concen: 40.603 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

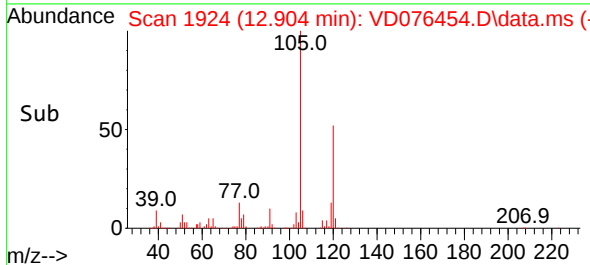
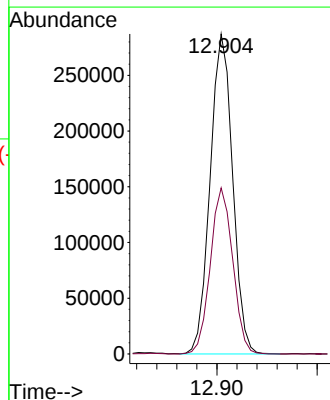
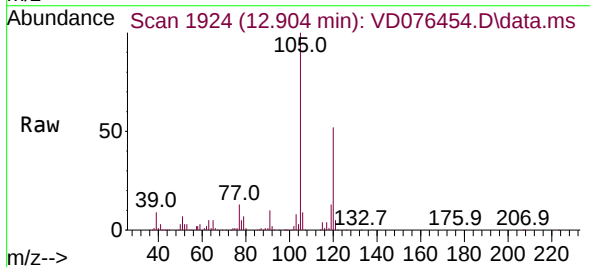
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

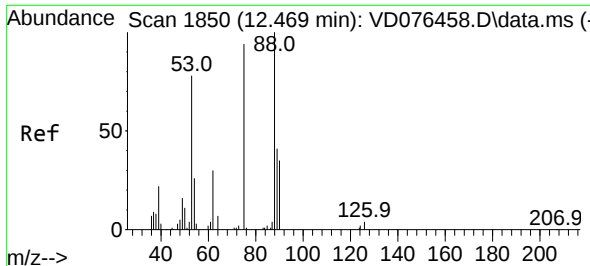
Tgt Ion: 91 Resp: 364551
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 41.357 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 105 Resp: 447231
Ion Ratio Lower Upper
105 100
120 51.8 26.4 79.2

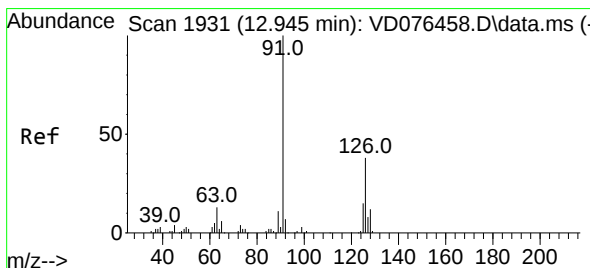
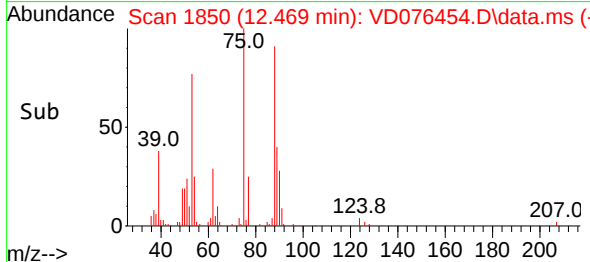
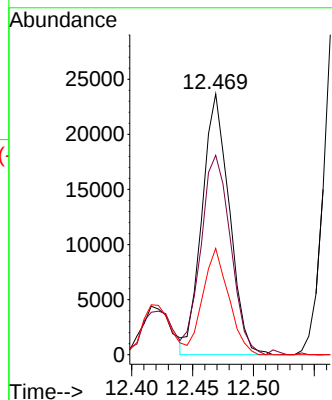
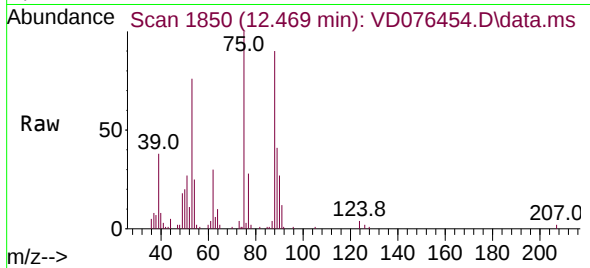




#81
trans-1,4-Dichloro-2-butene
Concen: 41.361 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

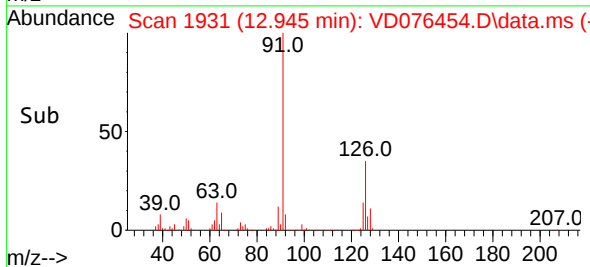
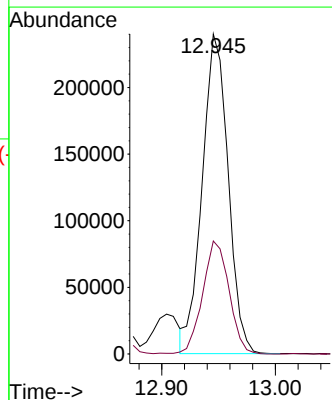
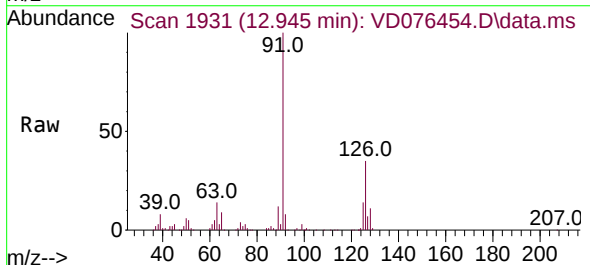
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

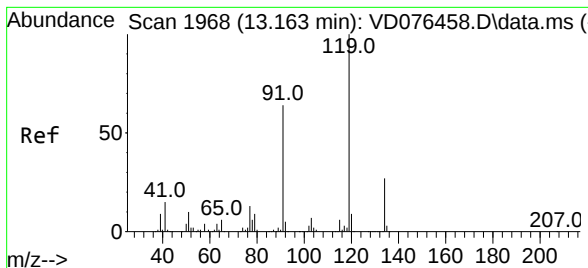
Tgt Ion: 75 Resp: 36845
Ion Ratio Lower Upper
75 100
53 83.3 63.0 94.4
89 38.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 40.808 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 91 Resp: 380507
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4

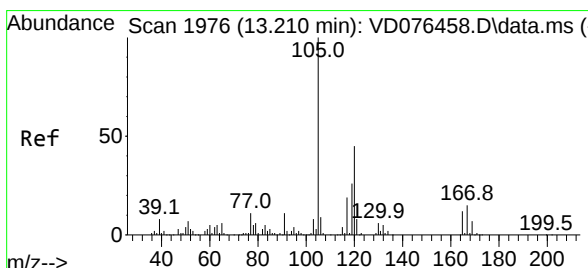
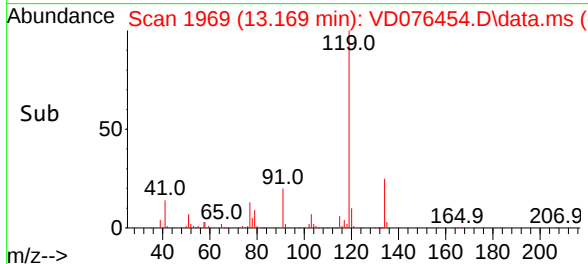
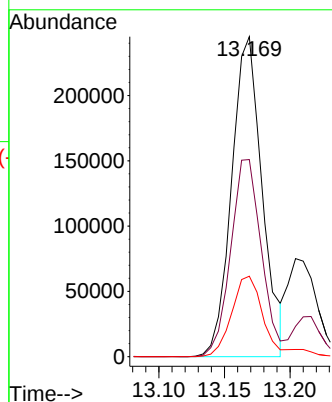
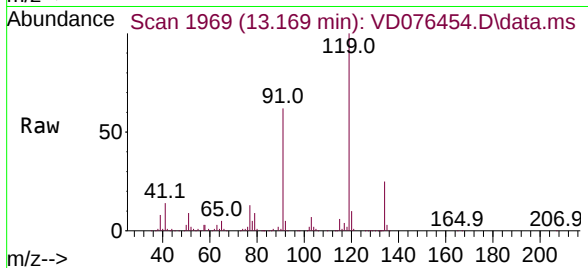




#83
tert-Butylbenzene
Concen: 41.325 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

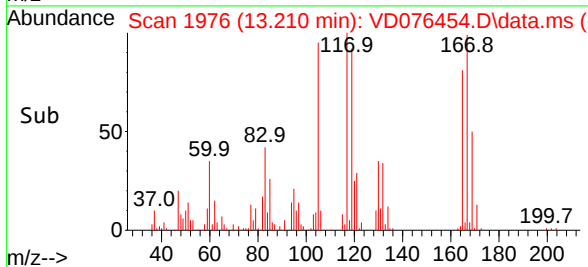
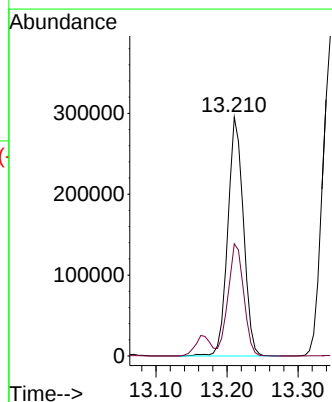
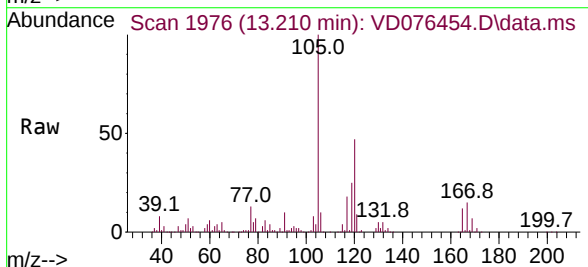
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

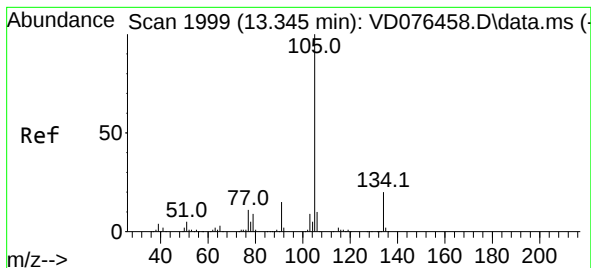
Tgt Ion:119 Resp: 397080
Ion Ratio Lower Upper
119 100
91 61.7 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 41.369 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:105 Resp: 450821
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 41.932 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

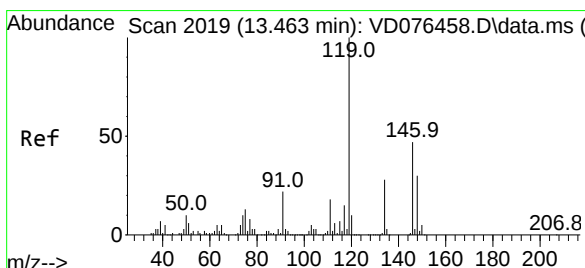
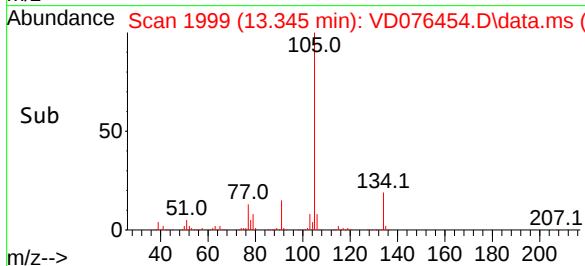
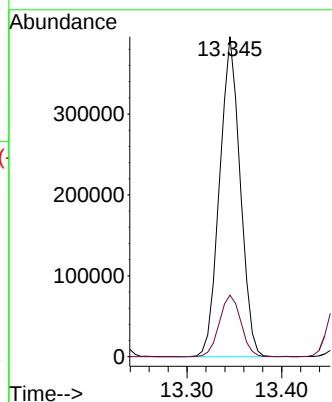
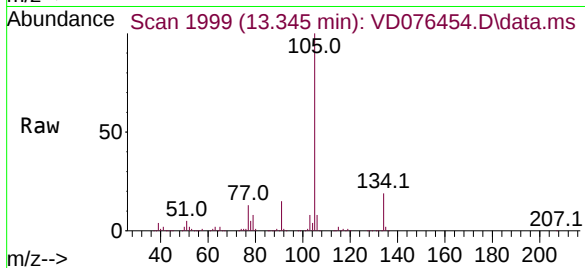
VSTDCCC050

Tgt Ion:105 Resp: 597911

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 42.545 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

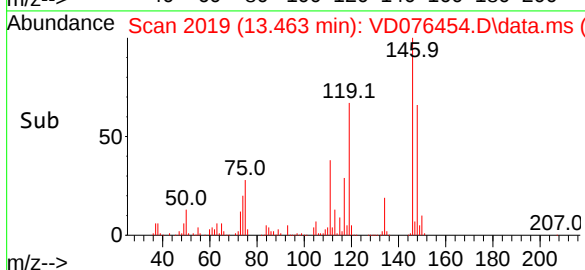
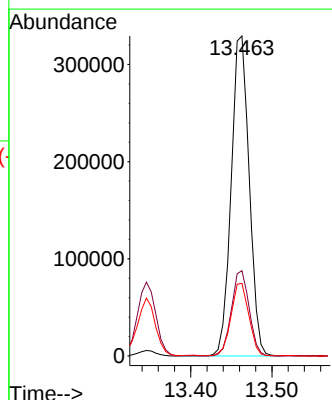
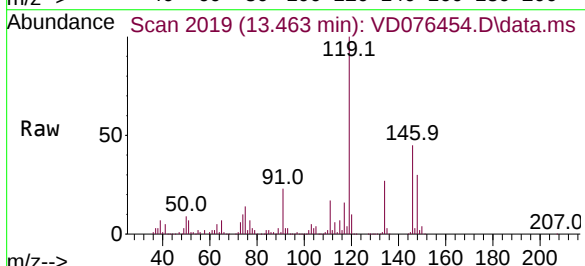
Tgt Ion:119 Resp: 506909

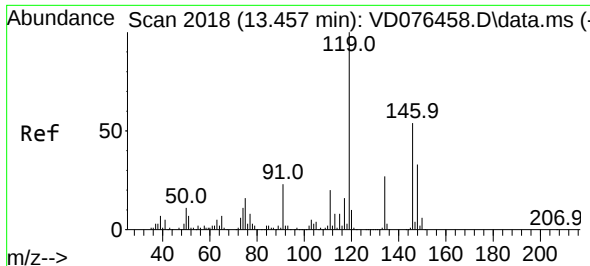
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

91 22.5 10.5 31.5

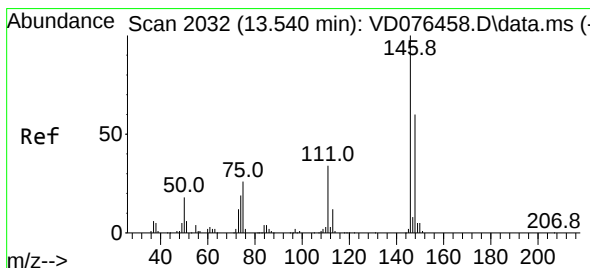
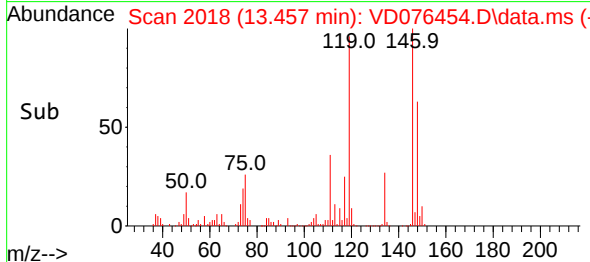
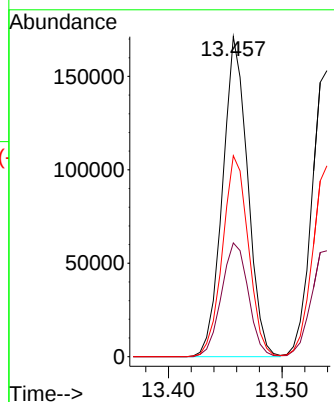
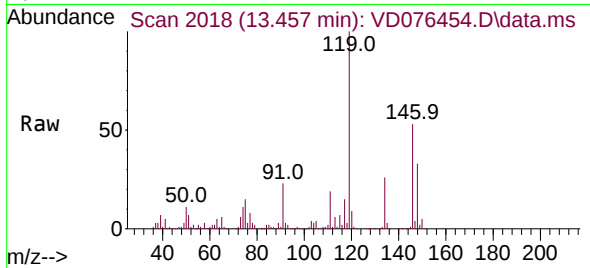




#87
1,3-Dichlorobenzene
Concen: 40.939 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

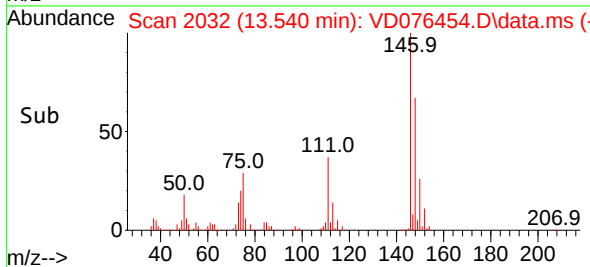
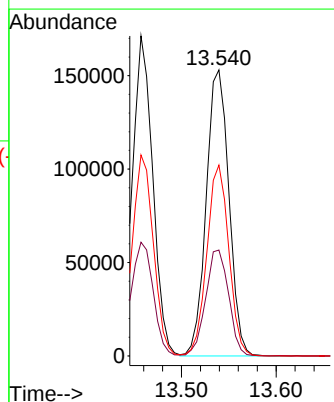
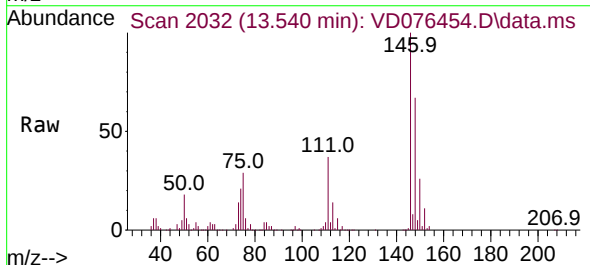
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

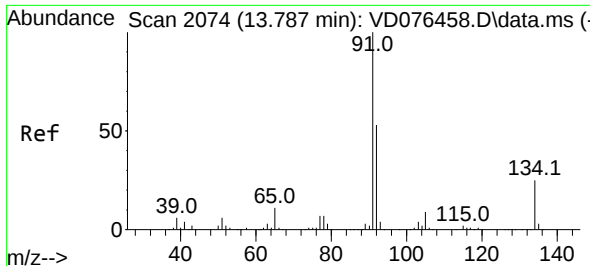
Tgt Ion:146 Resp: 262712
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 64.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 39.870 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:146 Resp: 255165
Ion Ratio Lower Upper
146 100
111 37.5 17.4 52.3
148 64.5 31.7 95.1

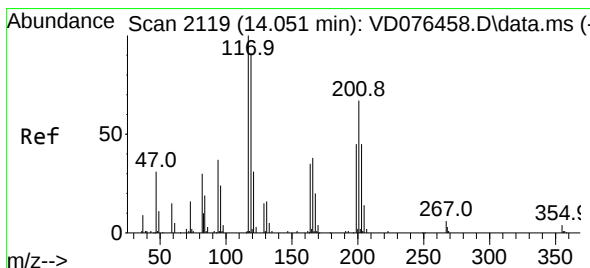
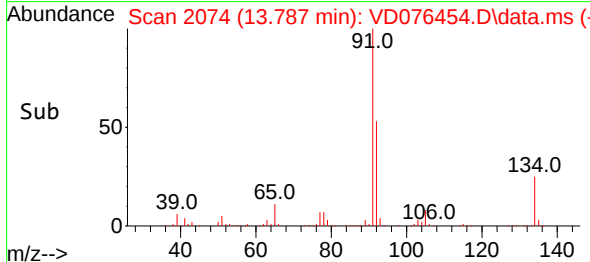
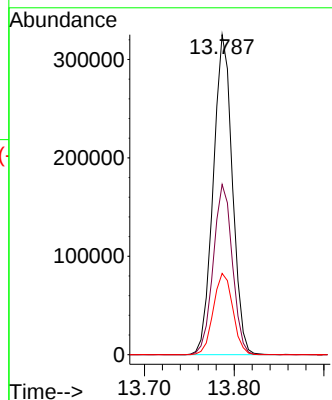
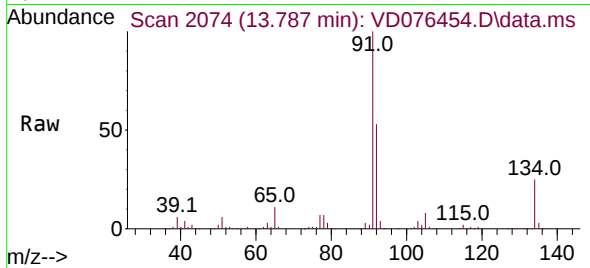




#89
n-Butylbenzene
Concen: 41.381 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

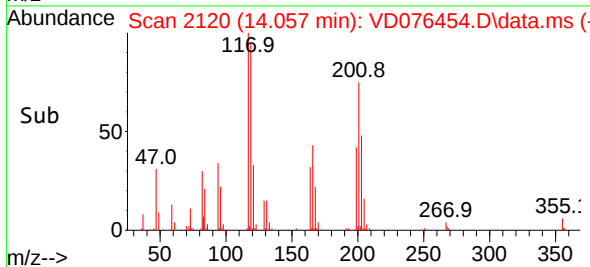
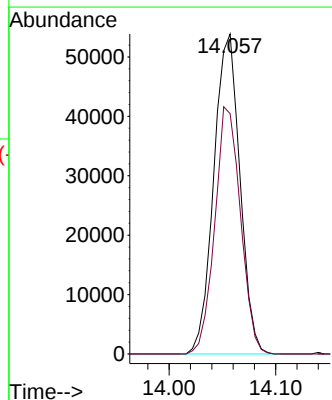
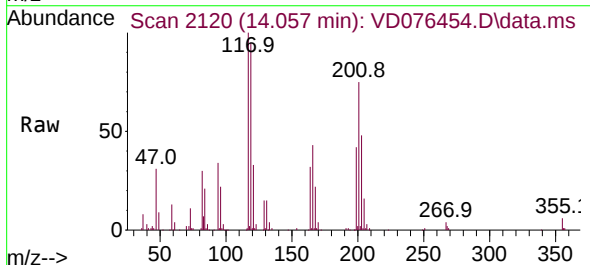
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

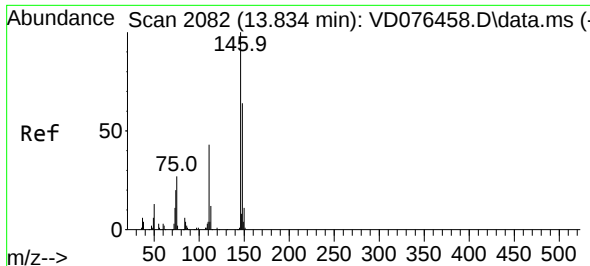
Tgt Ion: 91 Resp: 480903
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 25.9 13.8 41.3



#90
Hexachloroethane
Concen: 41.713 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion: 117 Resp: 91716
Ion Ratio Lower Upper
117 100
201 75.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 40.379 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

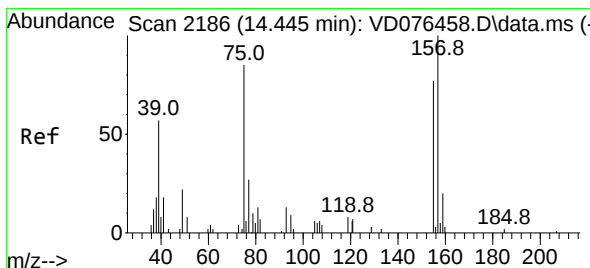
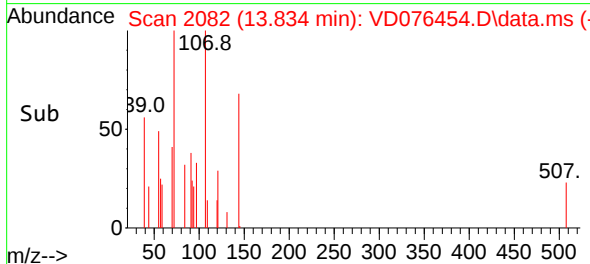
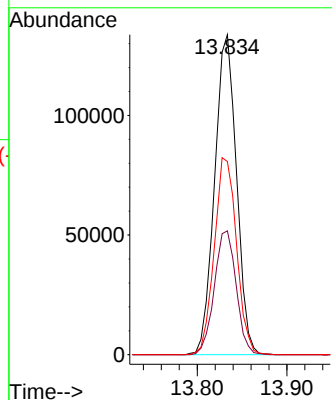
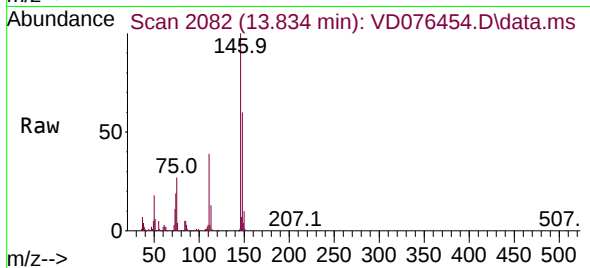
Tgt Ion:146 Resp: 226428

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 62.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.229 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

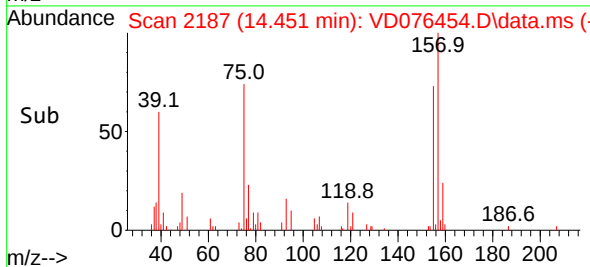
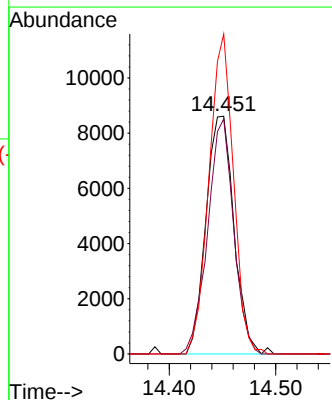
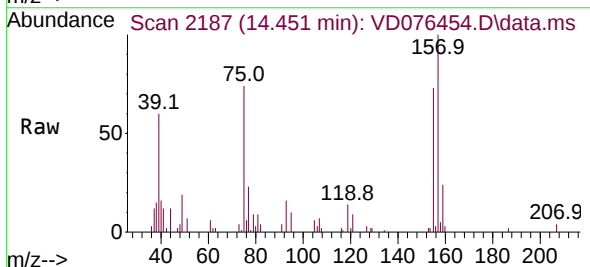
Tgt Ion: 75 Resp: 15723

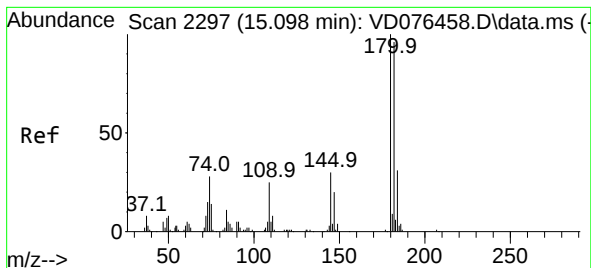
Ion Ratio Lower Upper

75 100

155 91.5 47.9 143.8

157 117.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 39.852 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

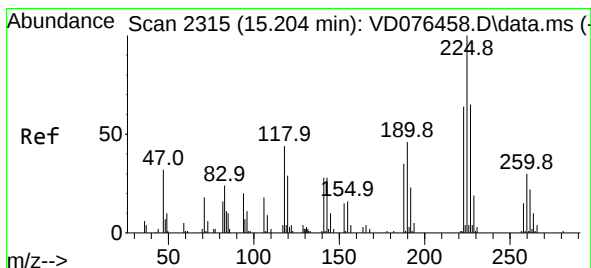
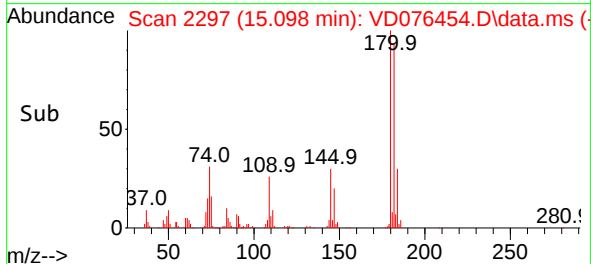
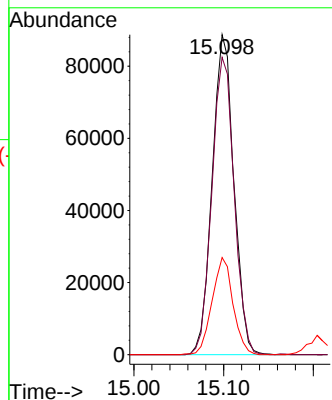
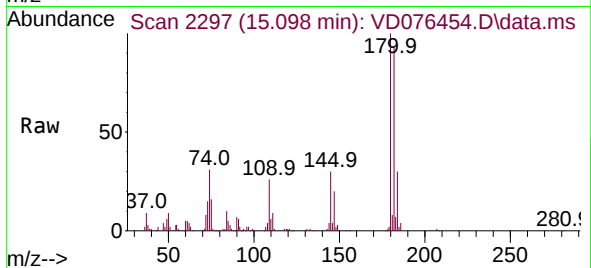
Tgt Ion:180 Resp: 148931

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.120 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 13:57

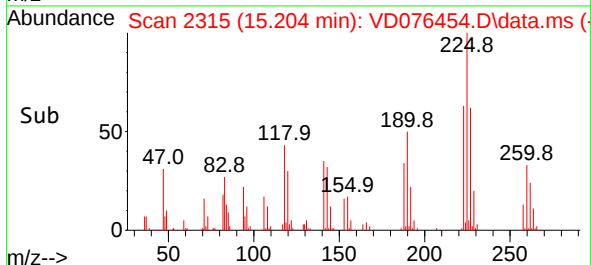
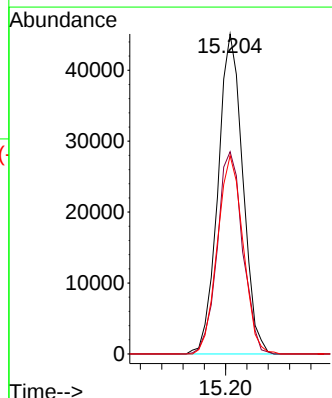
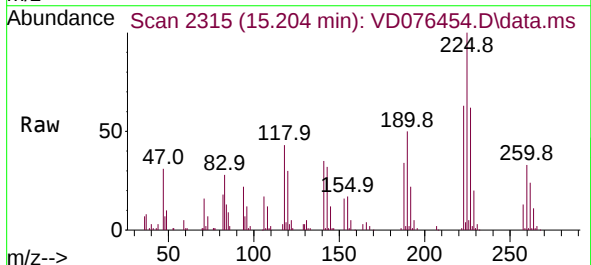
Tgt Ion:225 Resp: 72894

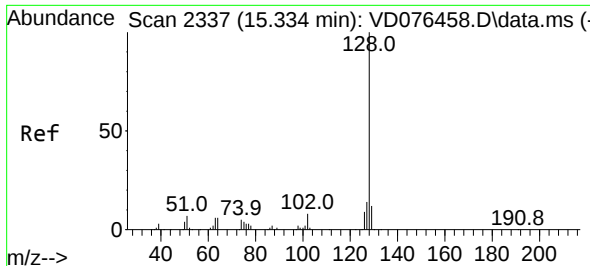
Ion Ratio Lower Upper

225 100

223 64.7 31.6 94.8

227 64.0 31.7 95.1

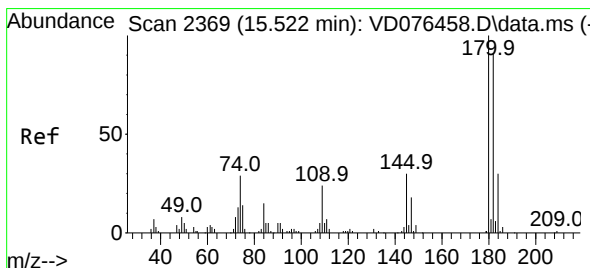
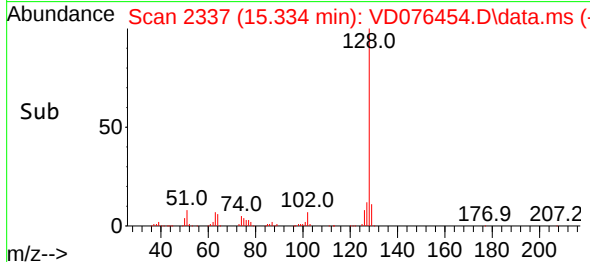
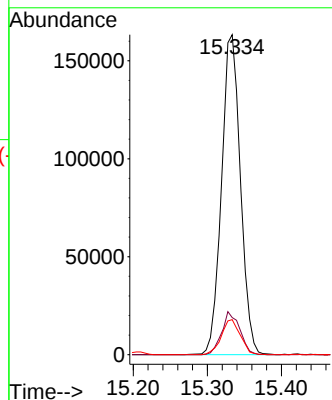
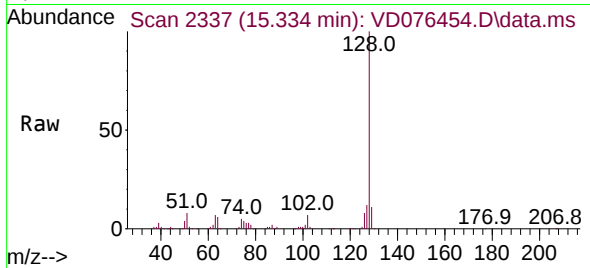




#95
Naphthalene
Concen: 38.734 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 289459
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 40.321 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 13:57

Tgt Ion:180 Resp: 131285
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 30.8 15.1 45.3

