

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076454.D
 Acq On : 16 Jun 2023 12:07
 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 04:25:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	184232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	140314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88708	48.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.120%
35) Dibromofluoromethane	7.799	113	94839	48.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.269	98	354055	48.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.575	95	117910	49.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	64611	46.154	ug/l	99
3) Chloromethane	2.146	50	137167	47.113	ug/l	99
4) Vinyl Chloride	2.281	62	147858	45.526	ug/l	96
5) Bromomethane	2.681	94	97422	46.134	ug/l	99
6) Chloroethane	2.828	64	105105	47.217	ug/l	98
7) Trichlorofluoromethane	3.163	101	122158	45.705	ug/l	100
8) Diethyl Ether	3.593	74	49748	49.457	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.963	101	78678	45.708	ug/l	99
10) Methyl Iodide	4.158	142	96594	47.334	ug/l	92
11) Tert butyl alcohol	5.058	59	35180	220.743	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	81097	48.106	ug/l #	76
13) Acrolein	3.793	56	56720	330.422	ug/l	100
14) Allyl chloride	4.558	41	149473	48.483	ug/l #	87
15) Acrylonitrile	5.246	53	123017	237.833	ug/l	97
16) Acetone	4.022	43	122386	278.631	ug/l #	82
17) Carbon Disulfide	4.263	76	225284	48.910	ug/l #	95
18) Methyl Acetate	4.558	43	95018	46.940	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	229212	49.707	ug/l	99
20) Methylene Chloride	4.793	84	115390	46.292	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	93678	48.078	ug/l	91
22) Diisopropyl ether	6.210	45	333019	49.955	ug/l #	92
23) Vinyl Acetate	6.152	43	842046	262.349	ug/l #	85
24) 1,1-Dichloroethane	6.105	63	176912	47.524	ug/l	93
25) 2-Butanone	7.081	43	170140	250.437	ug/l #	81
26) 2,2-Dichloropropane	7.069	77	151370	47.163	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	113505	48.134	ug/l	85
28) Bromochloromethane	7.428	49	49647	46.135	ug/l #	68
29) Tetrahydrofuran	7.446	42	104340	238.984	ug/l #	78
30) Chloroform	7.593	83	175706	47.669	ug/l	99
31) Cyclohexane	7.875	56	137407	48.012	ug/l #	80
32) 1,1,1-Trichloroethane	7.787	97	144041	48.343	ug/l	97
36) 1,1-Dichloropropene	8.004	75	127690	47.067	ug/l	95
37) Ethyl Acetate	7.169	43	70214	44.664	ug/l #	91
38) Carbon Tetrachloride	7.987	117	115003	47.428	ug/l	97
39) Methylcyclohexane	9.269	83	143286	45.007	ug/l	92
40) Benzene	8.251	78	396131	47.882	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	42637	46.871	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	106826	47.787	ug/l	96
43) Isopropyl Acetate	8.363	43	141360	47.497	ug/l #	84
44) Trichloroethene	9.028	130	102659	46.000	ug/l	89
45) 1,2-Dichloropropane	9.304	63	109937	49.011	ug/l	96
46) Dibromomethane	9.393	93	58640	48.800	ug/l	92
47) Bromodichloromethane	9.587	83	138098	48.025	ug/l	100
48) Methyl methacrylate	9.375	41	69108	50.662	ug/l #	69
49) 1,4-Dioxane	9.387	88	14373	998.310	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	365469	240.226	ug/l #	84
52) Toluene	10.334	92	248210	47.810	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	142922	48.981	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	167957	48.550	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	80396	47.831	ug/l	98
56) Ethyl methacrylate	10.598	69	108770	49.560	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	135219	46.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	216255	232.418	ug/l	91
59) 2-Hexanone	10.922	43	267682	252.946	ug/l	82
60) Dibromochloromethane	11.075	129	94939	48.534	ug/l	96
61) 1,2-Dibromoethane	11.181	107	74876	47.454	ug/l	99
64) Tetrachloroethene	10.810	164	84673	47.080	ug/l	98
65) Chlorobenzene	11.604	112	271833	47.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	100000	49.123	ug/l	97
67) Ethyl Benzene	11.681	91	478624	47.454	ug/l	96
68) m/p-Xylenes	11.792	106	370788	94.175	ug/l	90
69) o-Xylene	12.122	106	181008	48.296	ug/l	93
70) Styrene	12.134	104	310197	47.913	ug/l	96
71) Bromoform	12.298	173	58730	48.049	ug/l #	99
73) Isopropylbenzene	12.422	105	447344	47.353	ug/l	98
74) N-amyl acetate	12.234	43	136145	49.227	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	93667	48.049	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	115704	82.688	ug/l #	100
77) Bromobenzene	12.698	156	112021	48.064	ug/l	88
78) n-propylbenzene	12.763	91	556122	47.676	ug/l	96
79) 2-Chlorotoluene	12.851	91	307012	47.930	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	367443	47.628	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	31512	49.584	ug/l	92
82) 4-Chlorotoluene	12.945	91	320607	48.196	ug/l	96
83) tert-Butylbenzene	13.169	119	321263	46.865	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	379274	48.784	ug/l	97
85) sec-Butylbenzene	13.345	105	486520	47.826	ug/l	97
86) p-Isopropyltoluene	13.463	119	416076	48.949	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	221252	48.328	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	218649	47.888	ug/l	97
89) n-Butylbenzene	13.786	91	394414	47.572	ug/l	99
90) Hexachloroethane	14.057	117	75753	48.293	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	192290	48.066	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13510	46.043	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	131657	49.381	ug/l	98
94) Hexachlorobutadiene	15.204	225	63187	48.748	ug/l	97
95) Naphthalene	15.333	128	261519	49.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	113263	48.760	ug/l	98

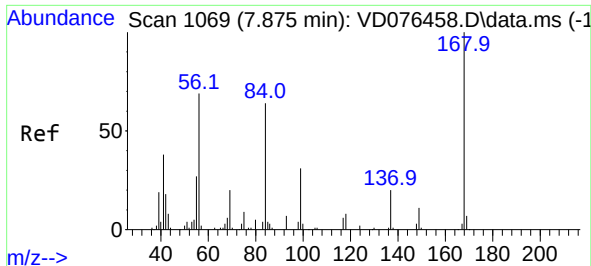
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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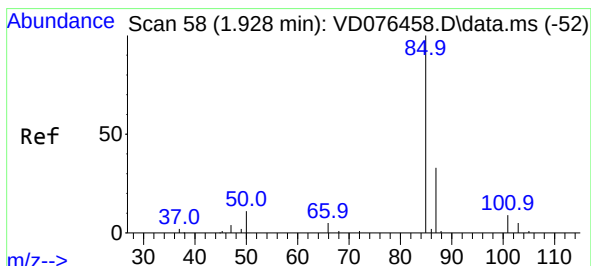
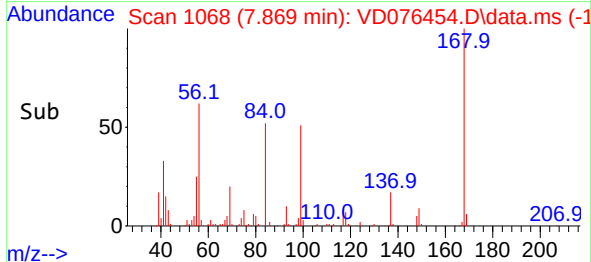
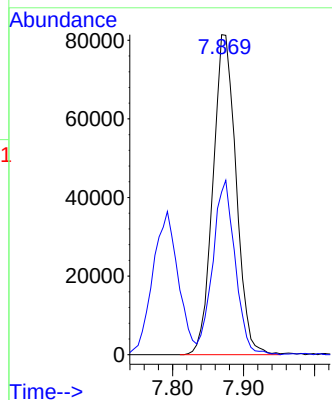
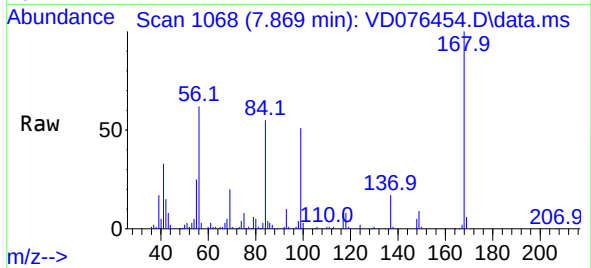
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

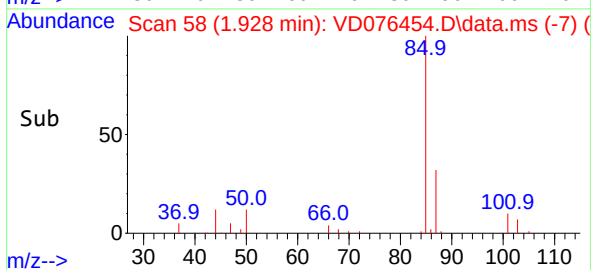
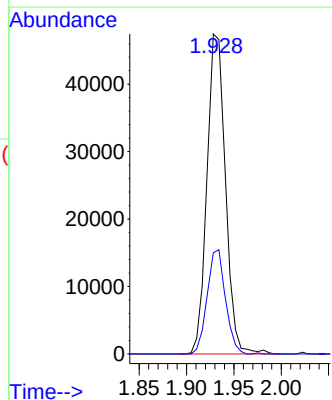
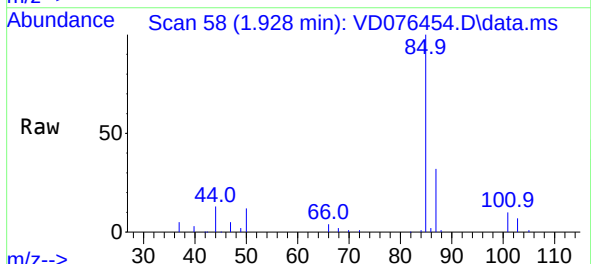
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 184232
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1

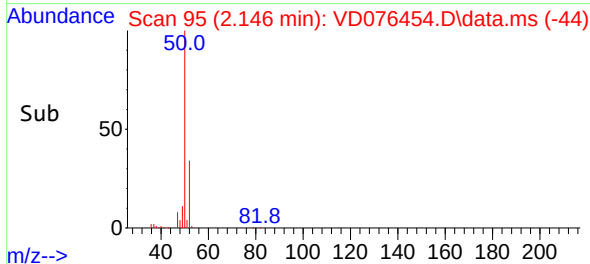
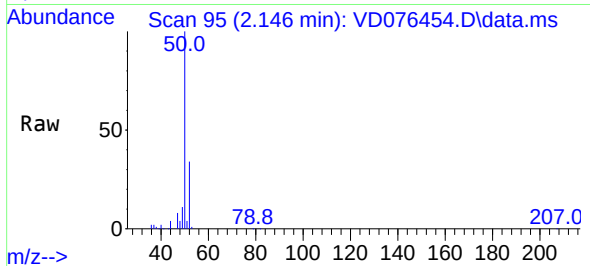
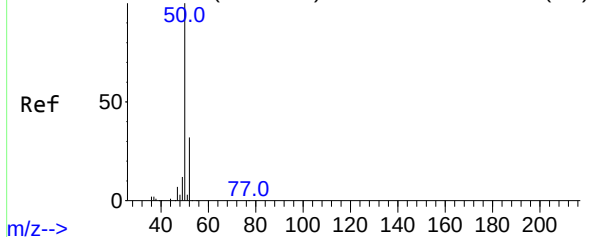


#2
Dichlorodifluoromethane
Concen: 46.154 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 85 Resp: 64611
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0



Abundance Scan 95 (2.146 min): VD076458.D\data.ms (-88)



#3

Chloromethane

Concen: 47.113 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

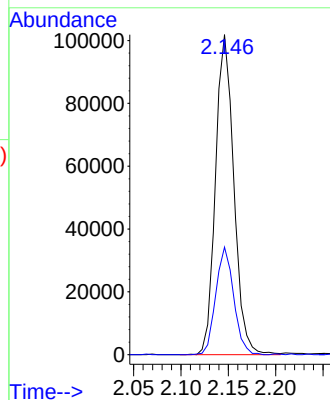
VSTDCCC050

Tgt Ion: 50 Resp: 137167

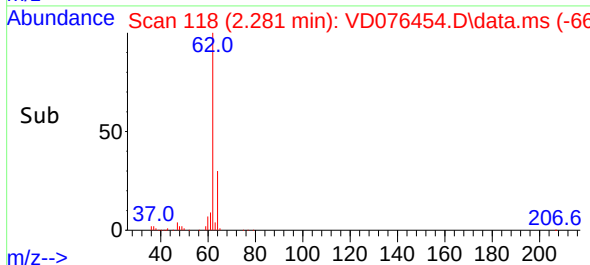
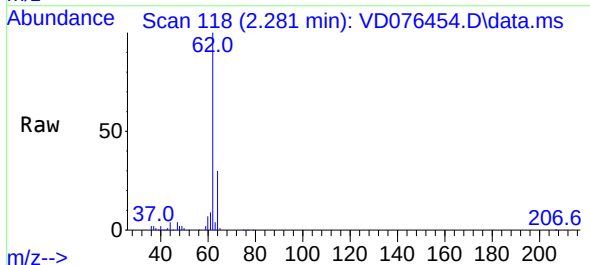
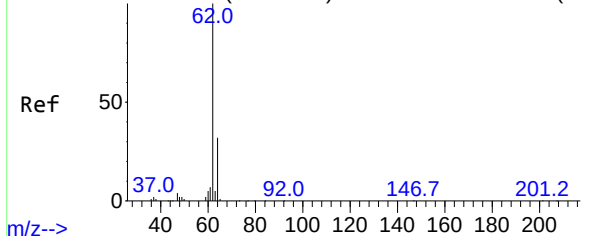
Ion Ratio Lower Upper

50 100

52 33.6 26.6 40.0



Abundance Scan 117 (2.275 min): VD076458.D\data.ms (-10)



#4

Vinyl Chloride

Concen: 45.526 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076454.D

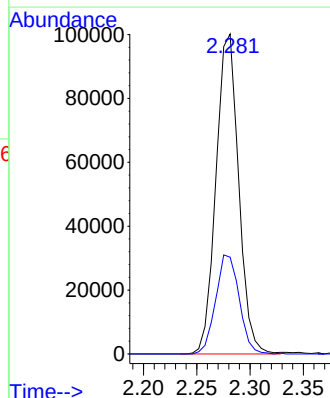
Acq: 16 Jun 2023 12:07

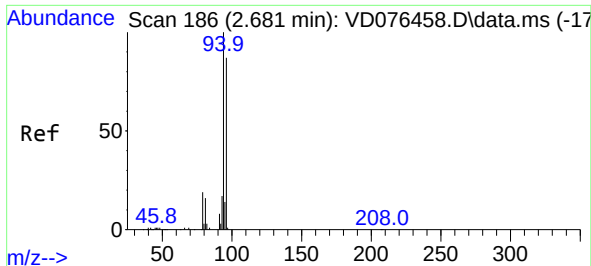
Tgt Ion: 62 Resp: 147858

Ion Ratio Lower Upper

62 100

64 30.3 26.0 39.0

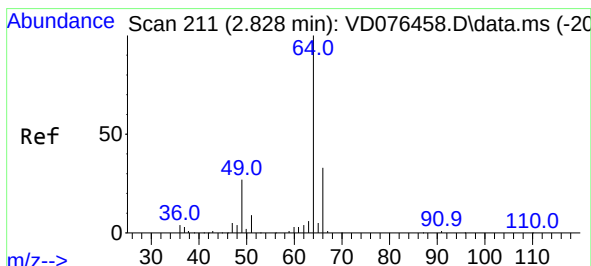
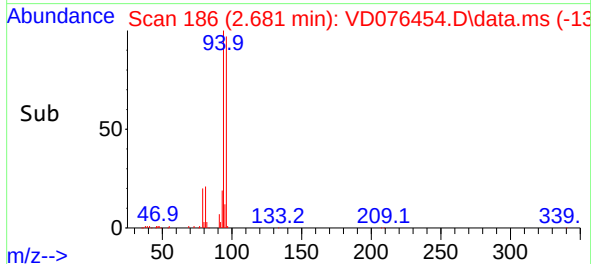
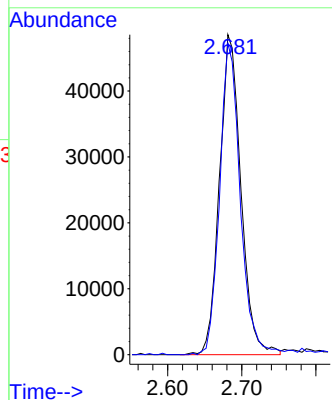
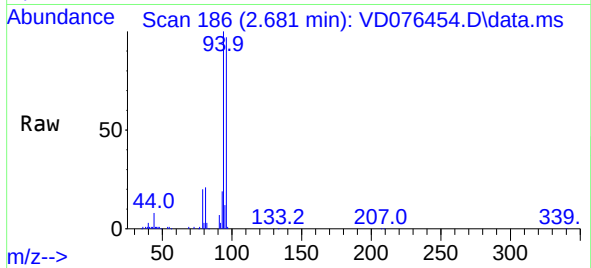




#5
Bromomethane
Concen: 46.134 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

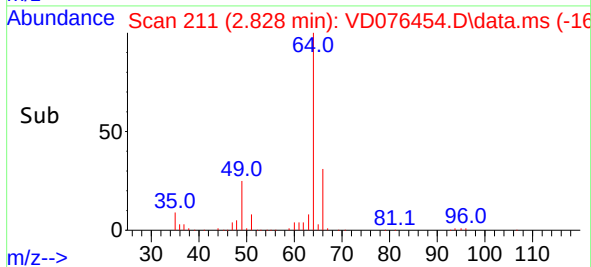
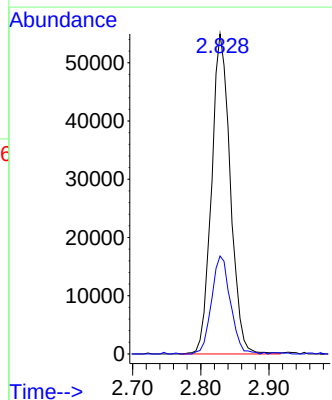
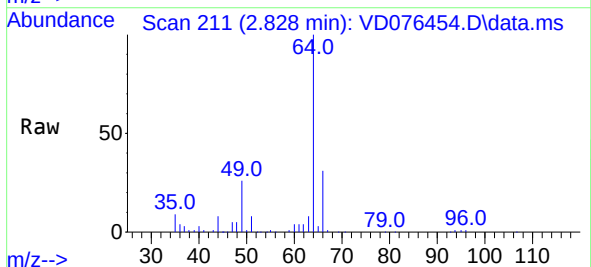
Instrument :
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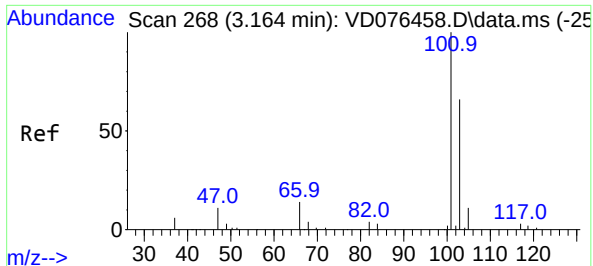
Tgt Ion: 94 Resp: 97422
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.8



#6
Chloroethane
Concen: 47.217 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 64 Resp: 105105
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

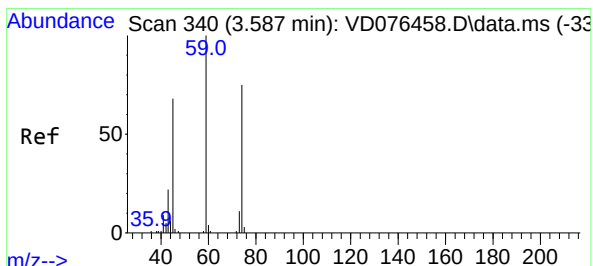
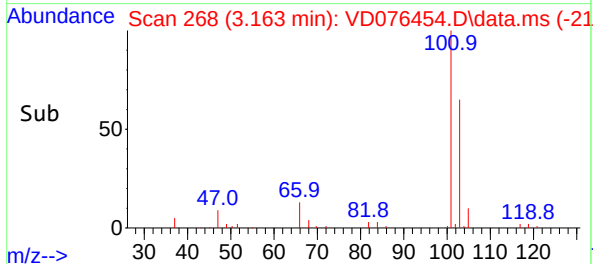
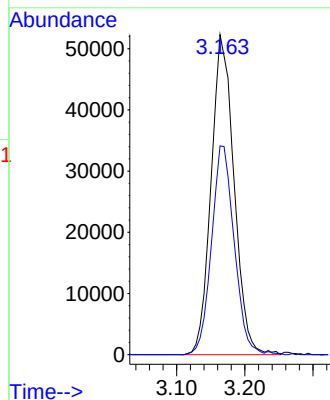
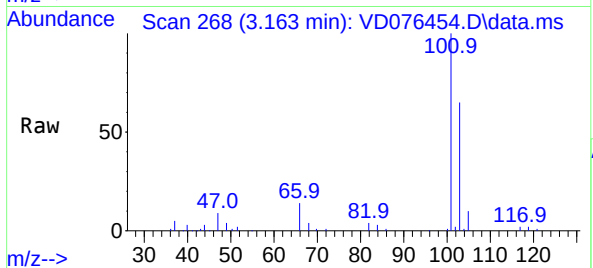




#7
Trichlorofluoromethane
Concen: 45.705 ug/l
RT: 3.163 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

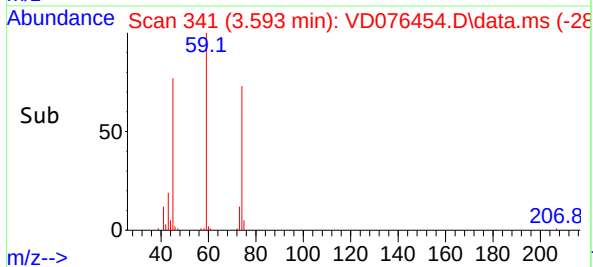
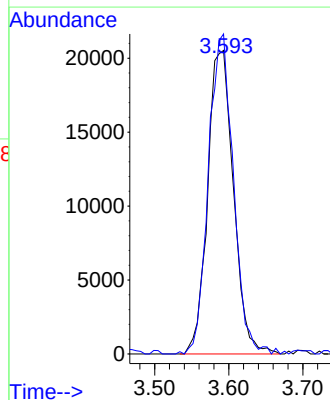
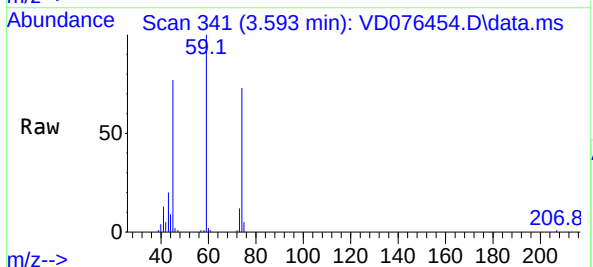
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

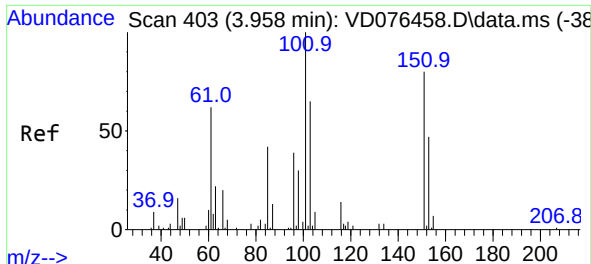
Tgt Ion:101 Resp: 122158
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5



#8
Diethyl Ether
Concen: 49.457 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 74 Resp: 49748
Ion Ratio Lower Upper
74 100
45 102.2 37.5 112.7

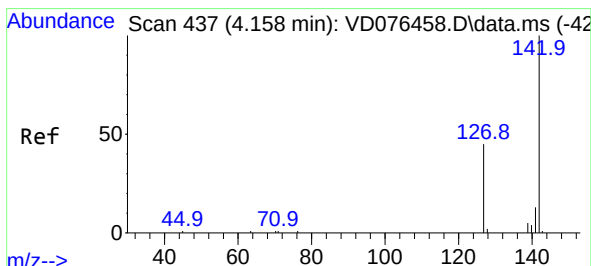
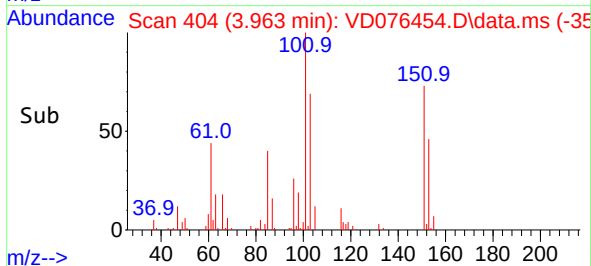
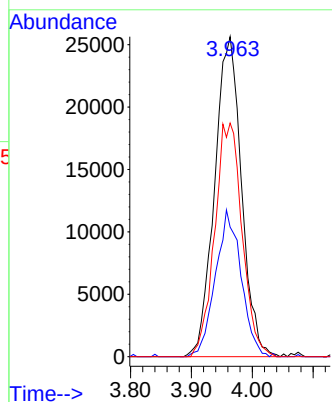
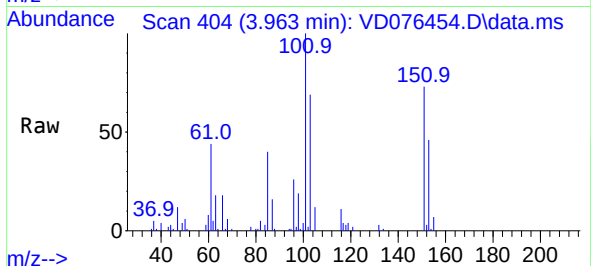




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.708 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD076454.D
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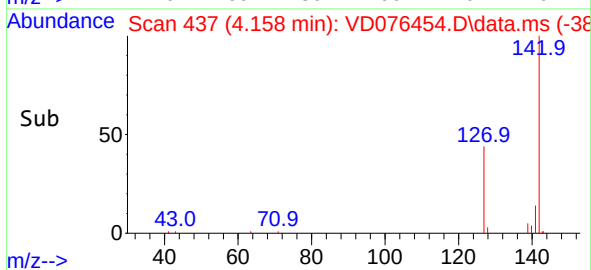
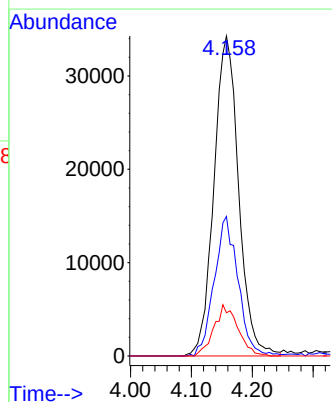
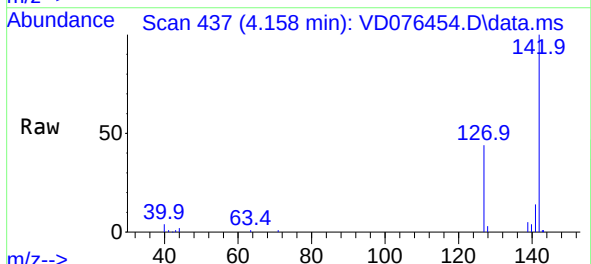
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

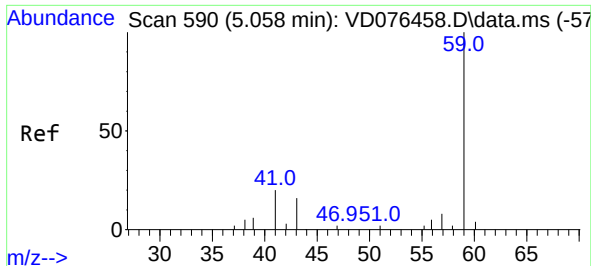
Tgt Ion:101 Resp: 78678
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 74.4 59.8 89.6



#10
Methyl Iodide
Concen: 47.334 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:142 Resp: 96594
Ion Ratio Lower Upper
142 100
127 42.1 29.4 44.0
141 15.5 11.1 16.7

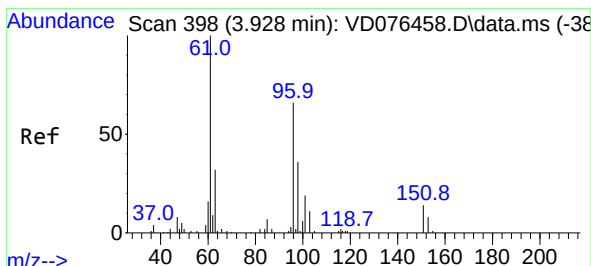
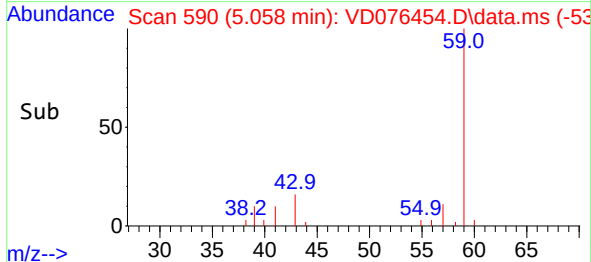
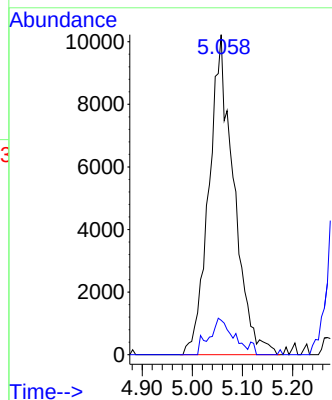
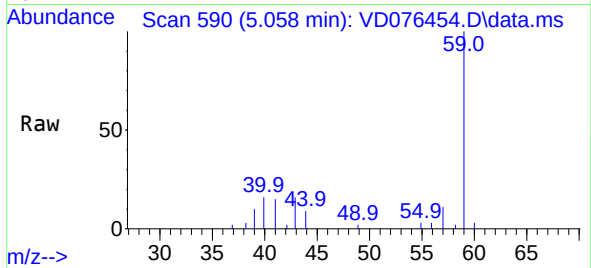




#11
Tert butyl alcohol
Concen: 220.743 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

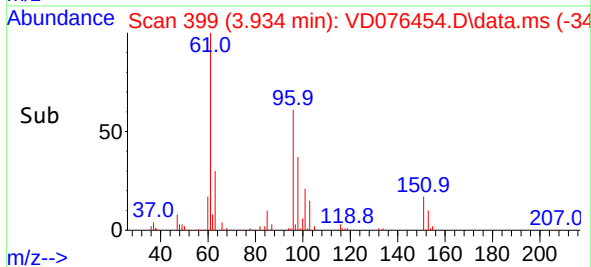
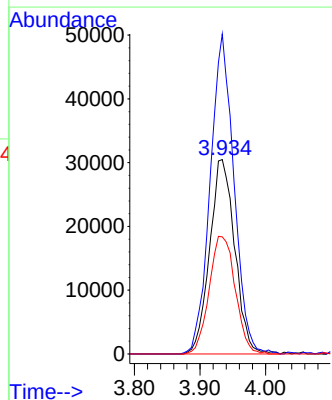
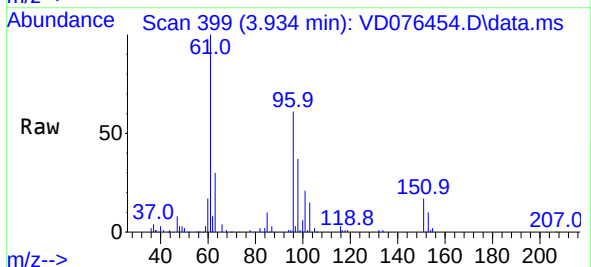
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

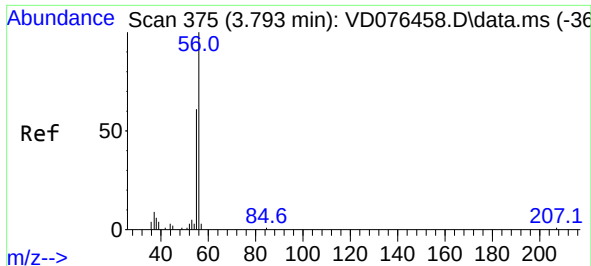
Tgt Ion: 59 Resp: 35180
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.106 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 96 Resp: 81097
Ion Ratio Lower Upper
96 100
61 164.6 100.6 150.8#
98 60.2 50.2 75.2

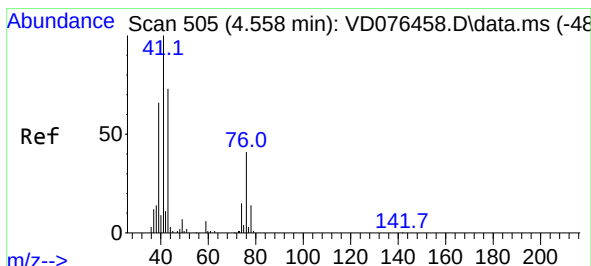
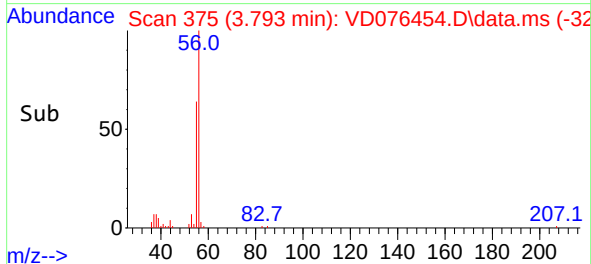
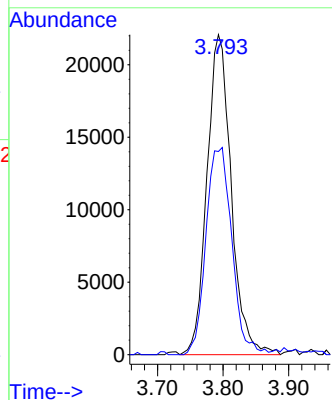
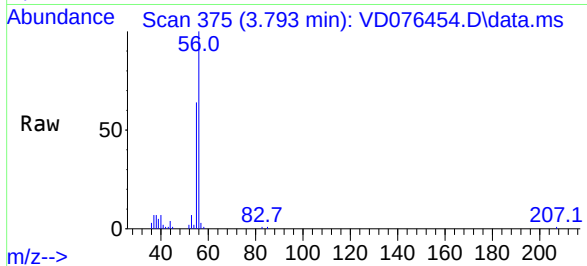




#13
Acrolein
Concen: 330.422 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

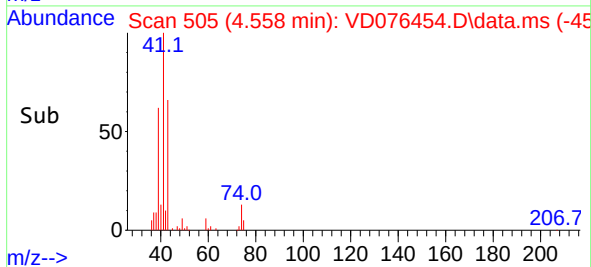
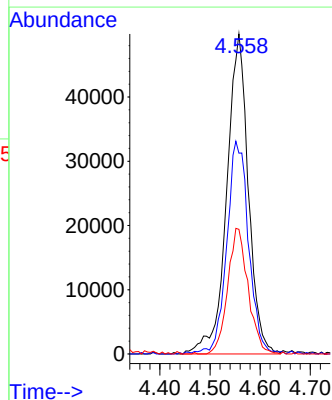
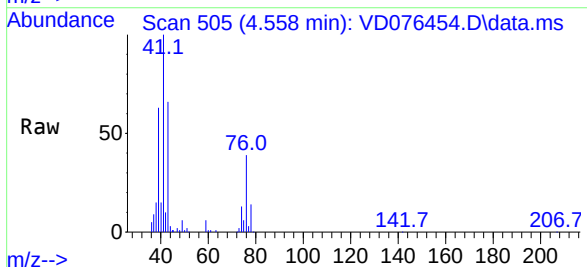
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

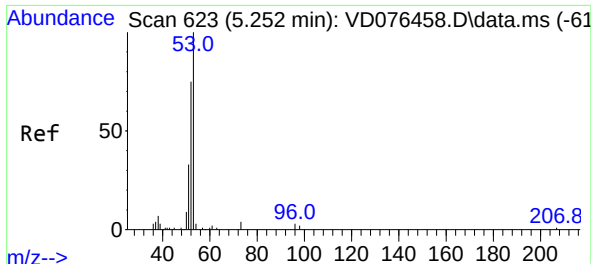
Tgt Ion: 56 Resp: 56720
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7



#14
Allyl chloride
Concen: 48.483 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 41 Resp: 149473
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
76 37.0 45.8 68.8#





#15

Acrylonitrile

Concen: 237.833 ug/l

RT: 5.246 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

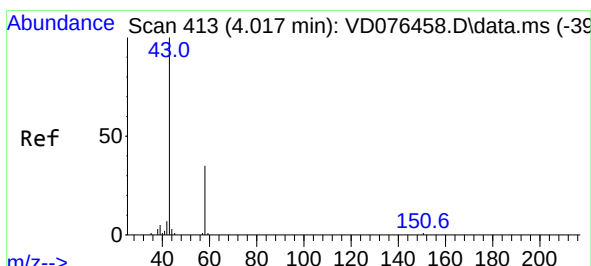
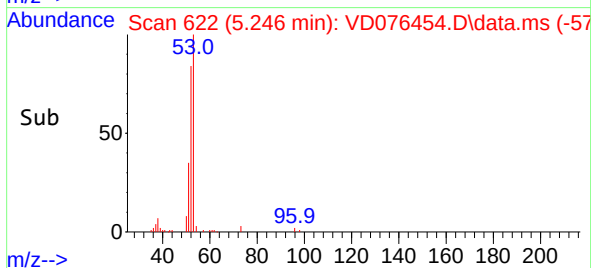
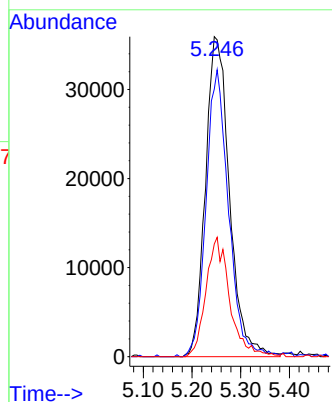
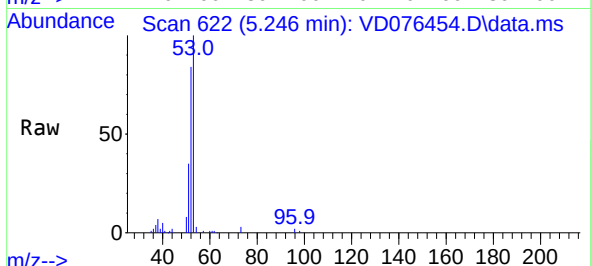
Tgt Ion: 53 Resp: 123017

Ion Ratio Lower Upper

53 100

52 84.2 65.0 97.4

51 36.9 28.3 42.5



#16

Acetone

Concen: 278.631 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076454.D

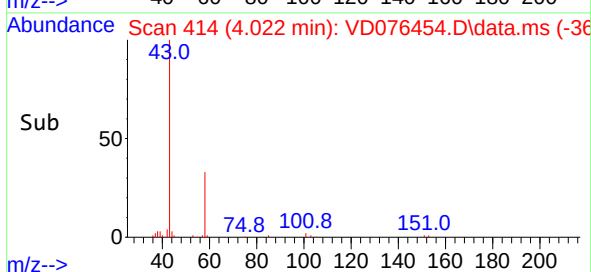
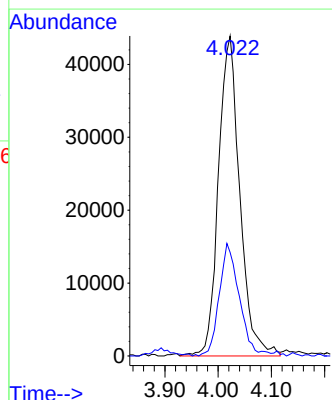
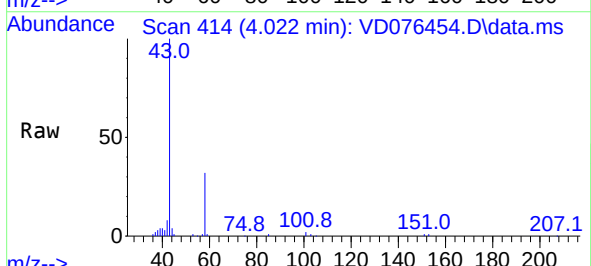
Acq: 16 Jun 2023 12:07

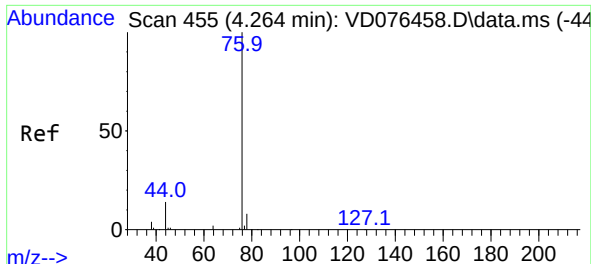
Tgt Ion: 43 Resp: 122386

Ion Ratio Lower Upper

43 100

58 31.9 34.7 52.1#

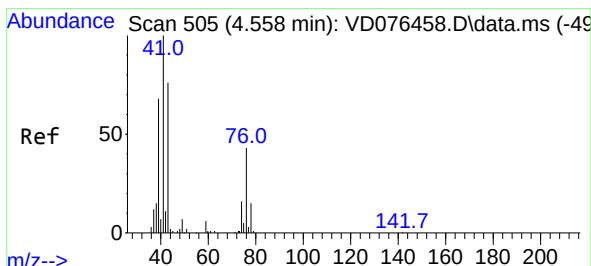
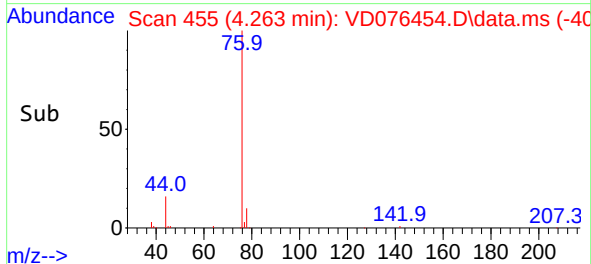
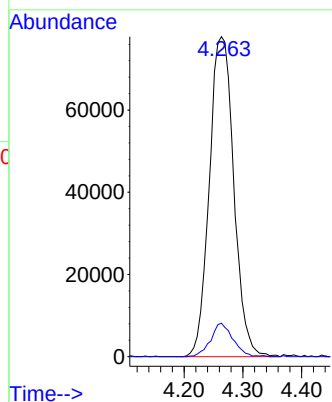
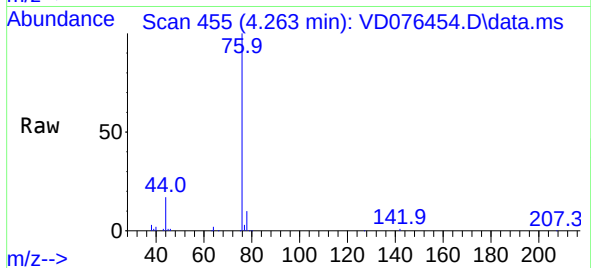




#17
Carbon Disulfide
Concen: 48.910 ug/l
RT: 4.263 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

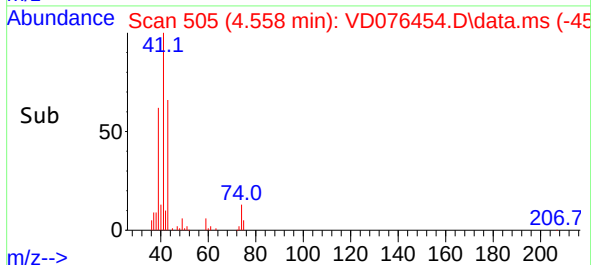
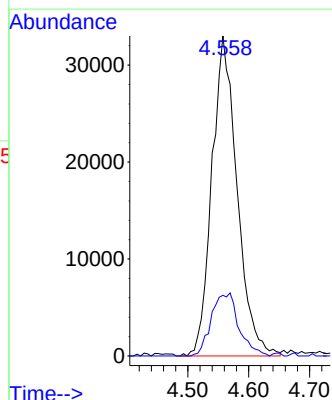
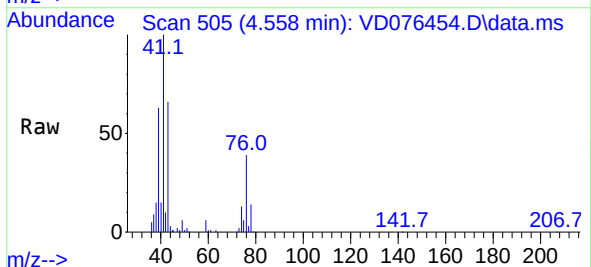
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

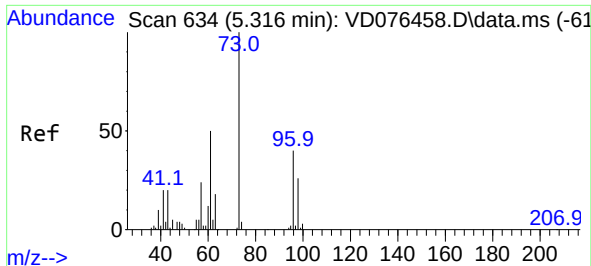
Tgt Ion: 76 Resp: 225284
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#18
Methyl Acetate
Concen: 46.940 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 43 Resp: 95018
Ion Ratio Lower Upper
43 100
74 21.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 49.707 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

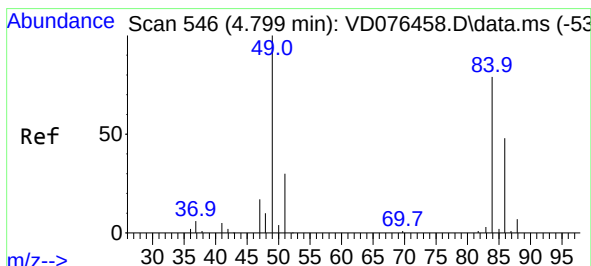
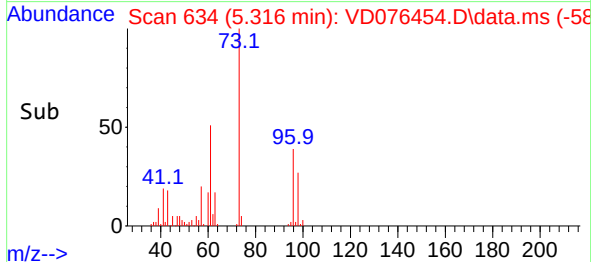
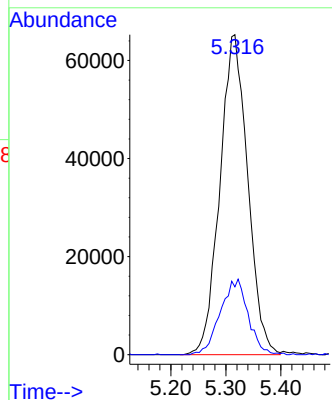
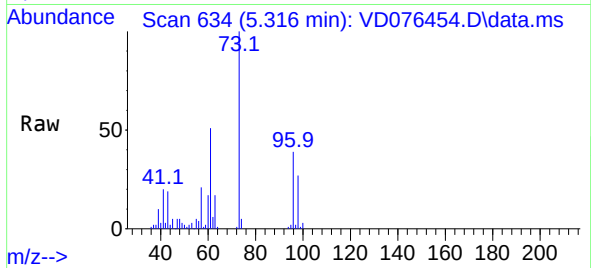
VSTDCCC050

Tgt Ion: 73 Resp: 229212

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 46.292 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Tgt Ion: 84 Resp: 115390

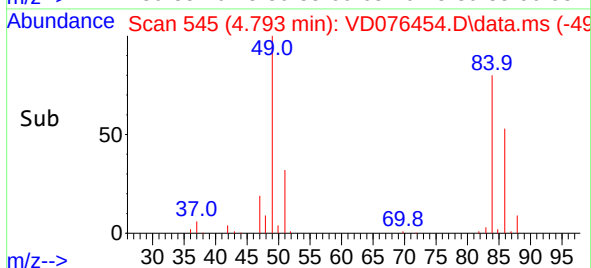
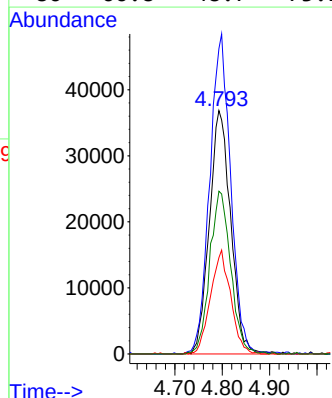
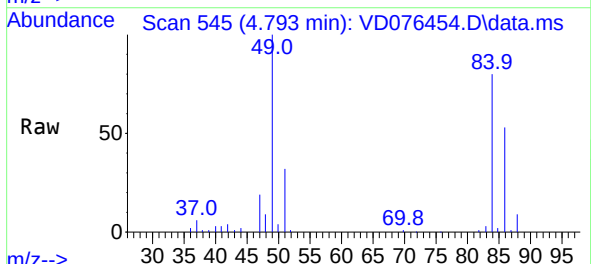
Ion Ratio Lower Upper

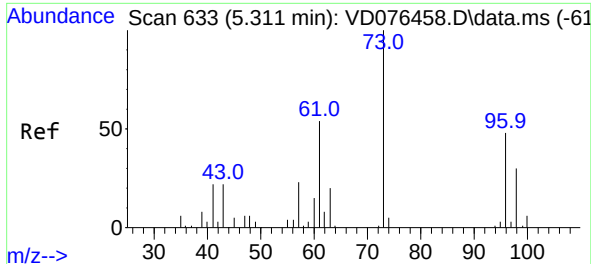
84 100

49 125.4 71.4 107.2#

51 39.5 24.5 36.7#

86 66.8 48.7 73.1

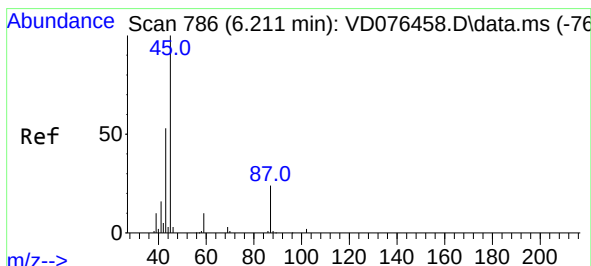
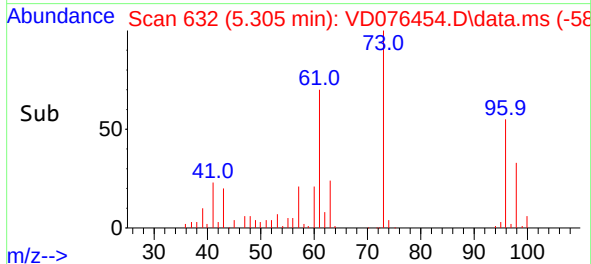
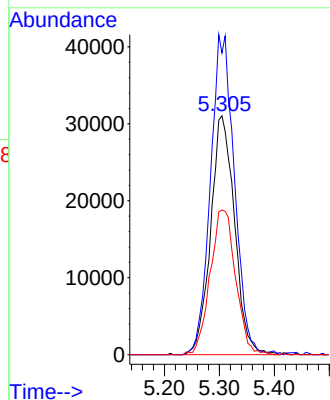
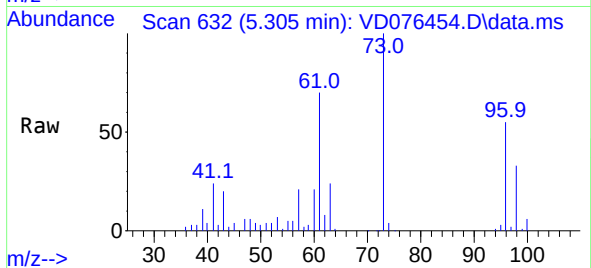




#21
trans-1,2-Dichloroethene
Concen: 48.078 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

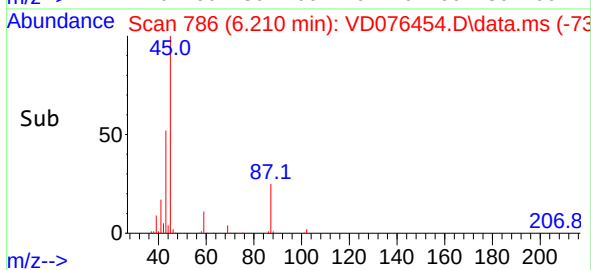
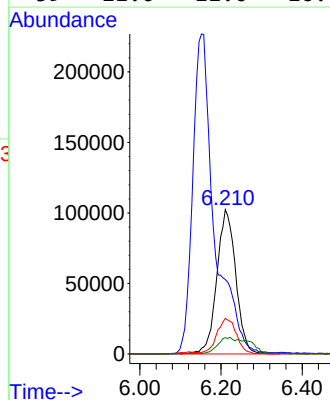
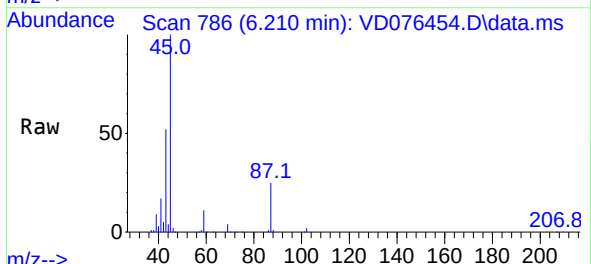
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

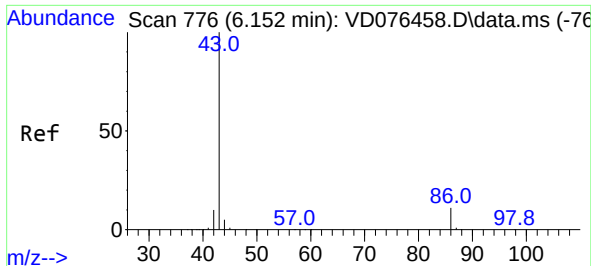
Tgt Ion: 96 Resp: 93678
Ion Ratio Lower Upper
96 100
61 126.3 89.3 133.9
98 60.6 48.6 73.0



#22
Diisopropyl ether
Concen: 49.955 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 45 Resp: 333019
Ion Ratio Lower Upper
45 100
43 50.5 40.0 60.0
87 24.4 28.2 42.4#
59 11.0 11.0 16.4

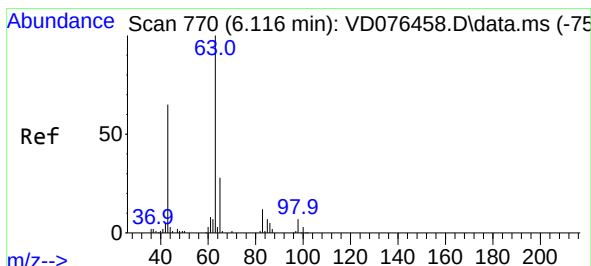
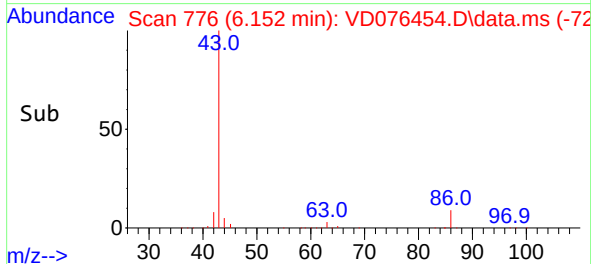
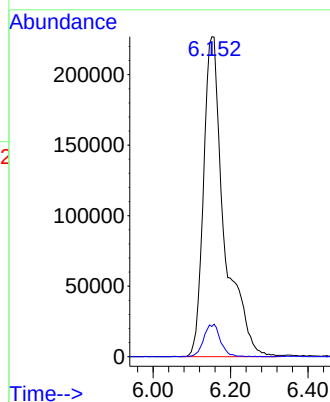
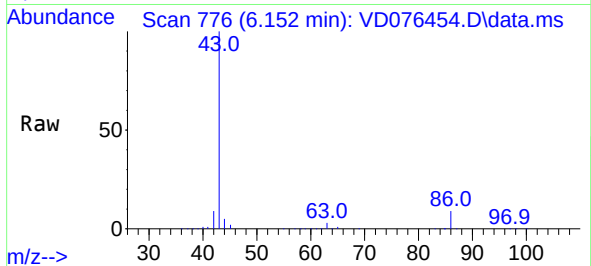




#23
 Vinyl Acetate
 Concen: 262.349 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 12:07

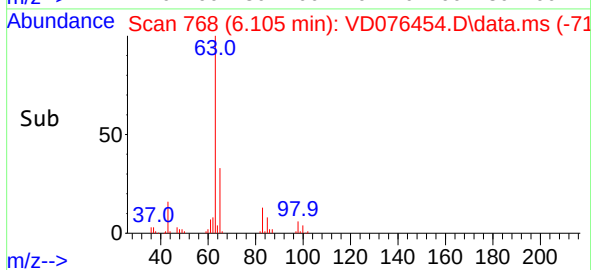
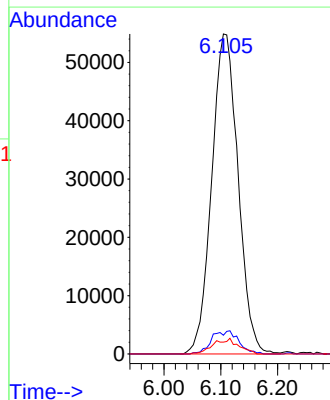
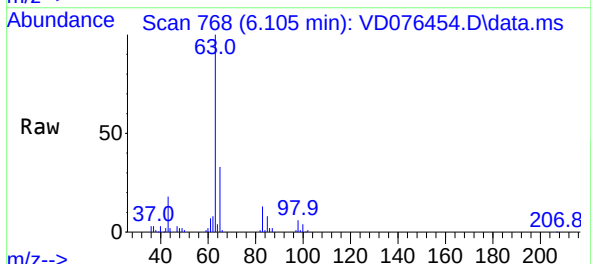
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

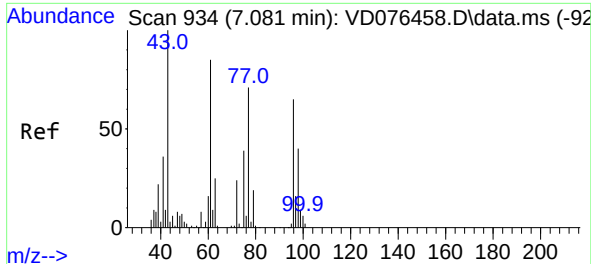
Tgt Ion: 43 Resp: 842046
 Ion Ratio Lower Upper
 43 100
 86 9.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 47.524 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 12:07

Tgt Ion: 63 Resp: 176912
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 3.7 2.5 7.5

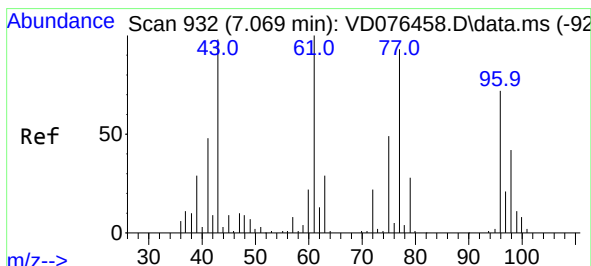
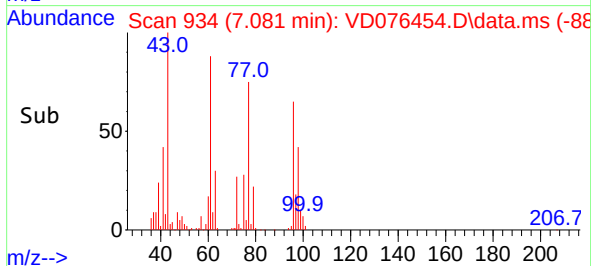
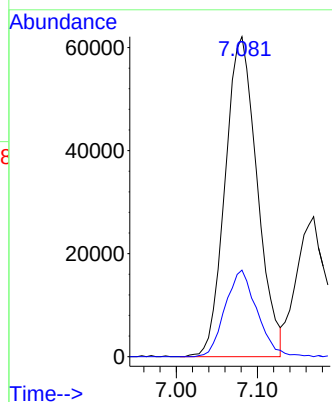
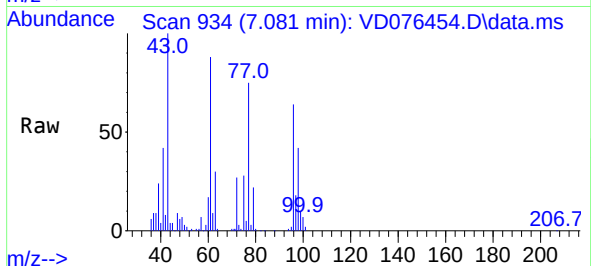




#25
2-Butanone
Concen: 250.437 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

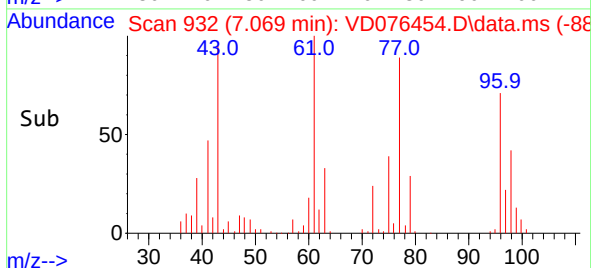
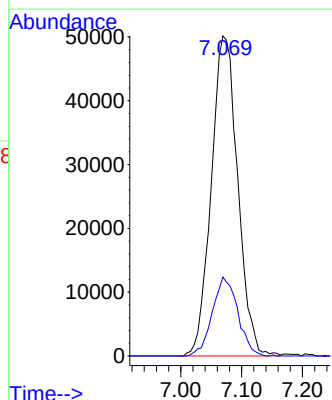
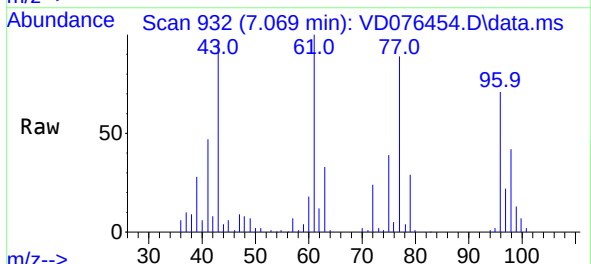
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

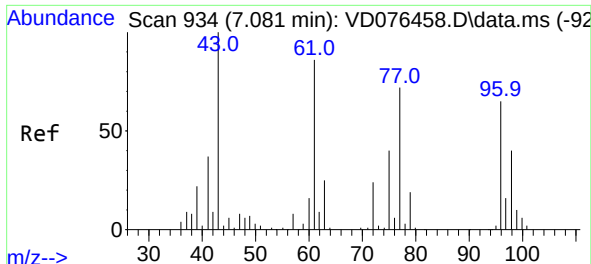
Tgt Ion: 43 Resp: 170140
Ion Ratio Lower Upper
43 100
72 27.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 47.163 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 77 Resp: 151370
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6

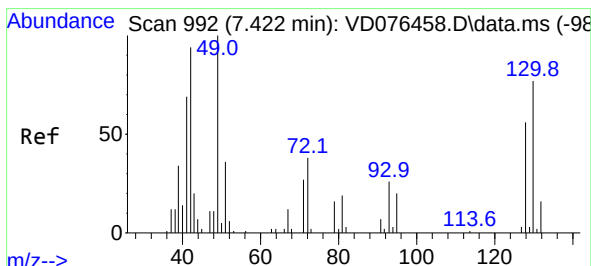
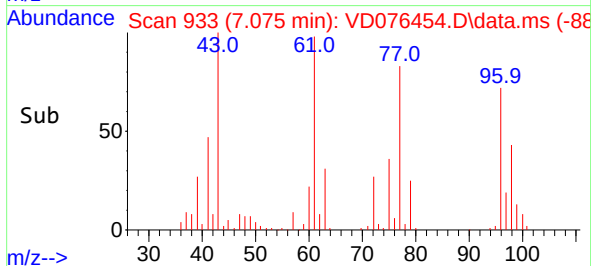
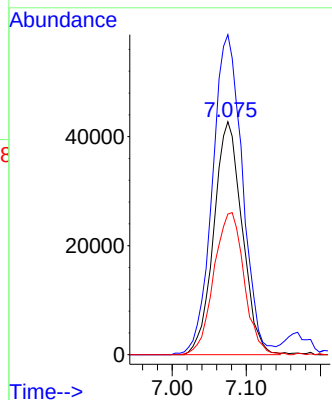
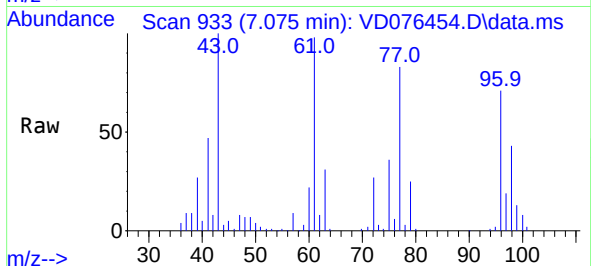




#27
cis-1,2-Dichloroethene
Concen: 48.134 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

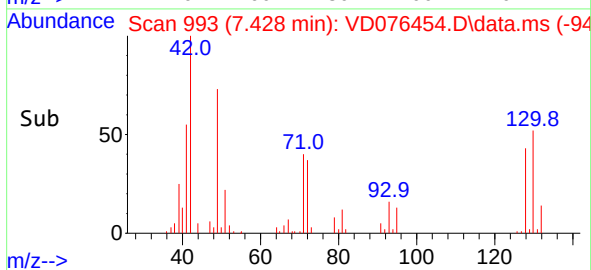
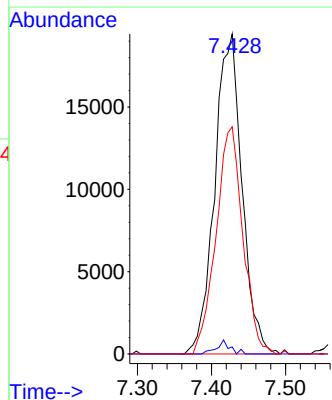
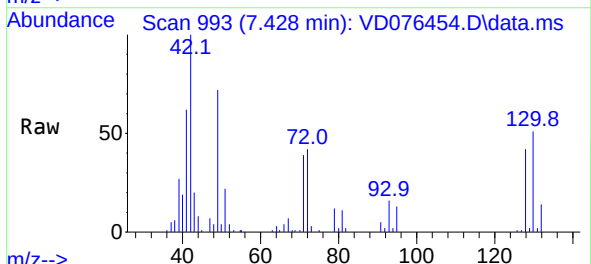
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

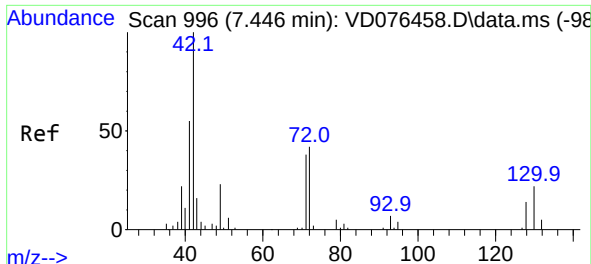
Tgt Ion: 96 Resp: 113505
Ion Ratio Lower Upper
96 100
61 145.5 0.0 239.2
98 65.0 0.0 128.6



#28
Bromochloromethane
Concen: 46.135 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 49 Resp: 49647
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 70.1 83.2 124.8#

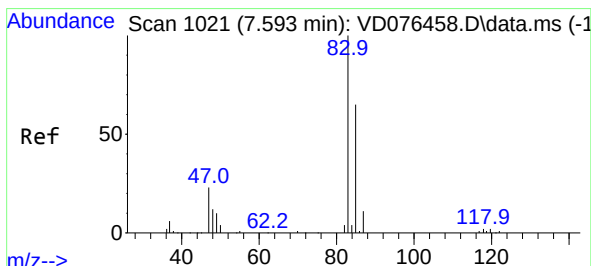
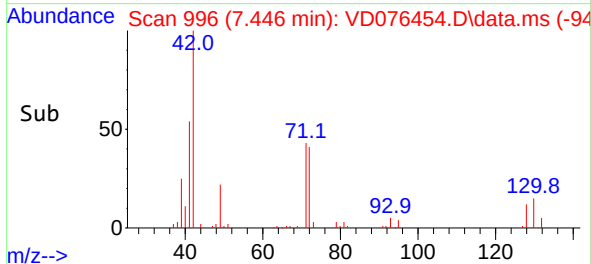
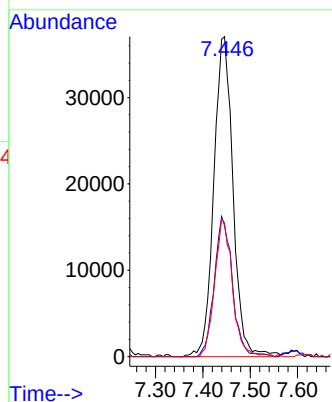
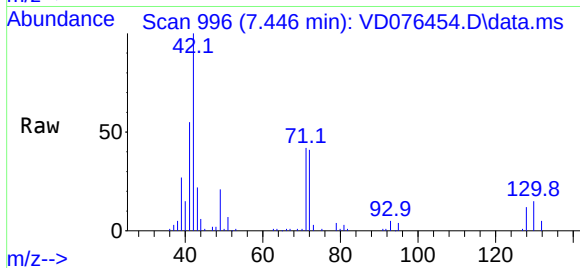




#29
Tetrahydrofuran
Concen: 238.984 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

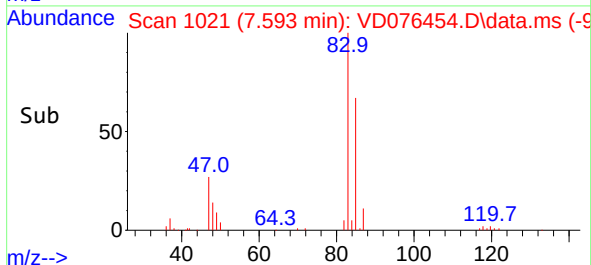
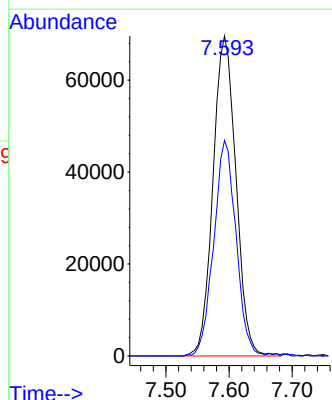
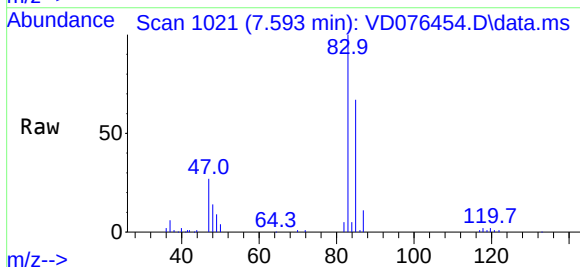
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

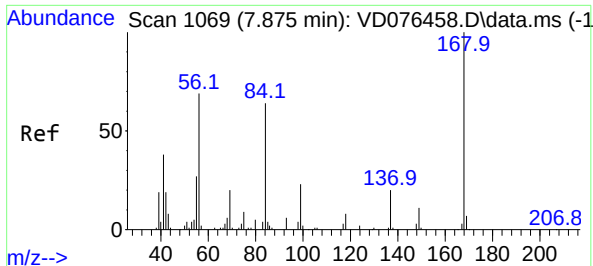
Tgt Ion: 42 Resp: 104340
Ion Ratio Lower Upper
42 100
72 41.5 46.5 69.7#
71 39.4 44.5 66.7#



#30
Chloroform
Concen: 47.669 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 83 Resp: 175706
Ion Ratio Lower Upper
83 100
85 67.4 53.4 80.2





#31

Cyclohexane

Concen: 48.012 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

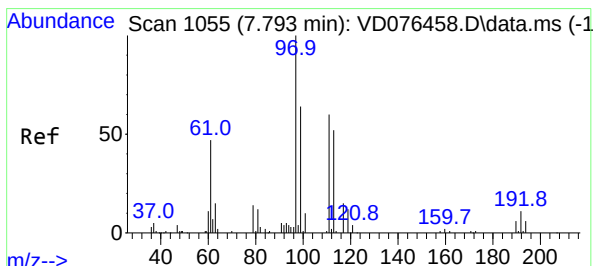
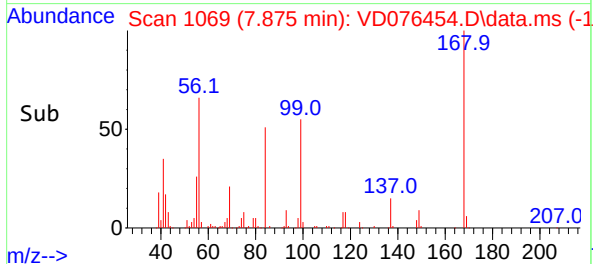
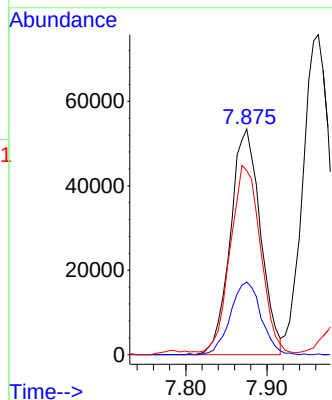
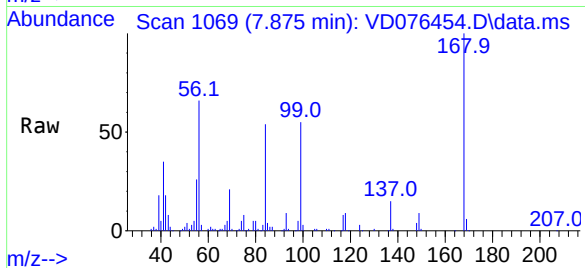
Tgt Ion: 56 Resp: 137407

Ion Ratio Lower Upper

56 100

69 32.2 28.6 43.0

84 80.4 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 48.343 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

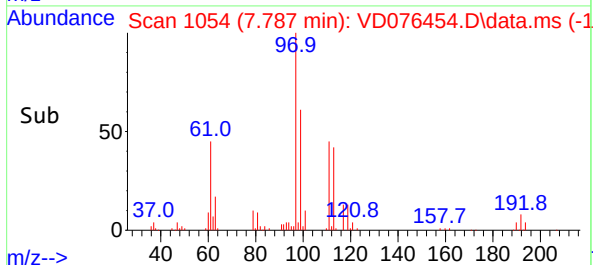
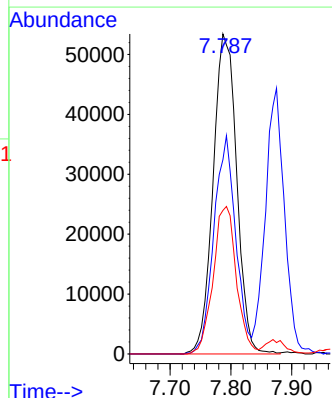
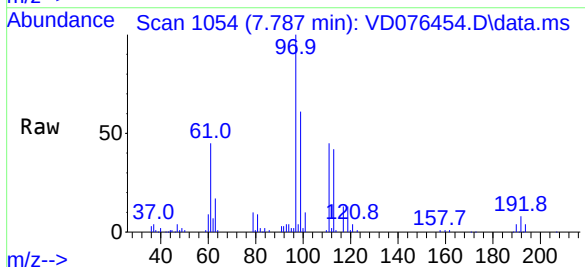
Tgt Ion: 97 Resp: 144041

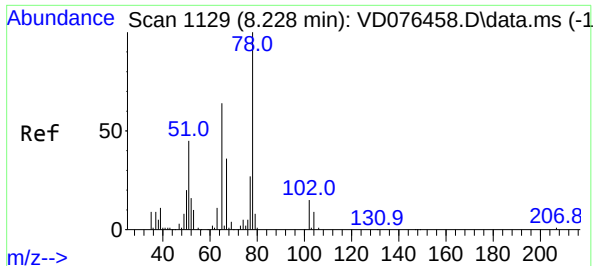
Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 45.4 33.8 50.8

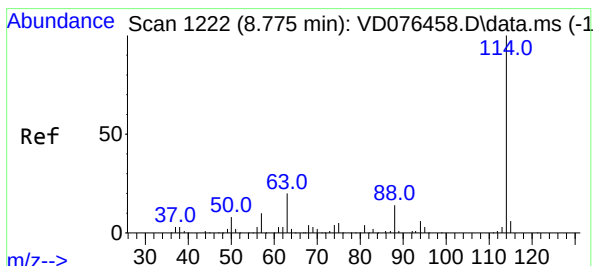
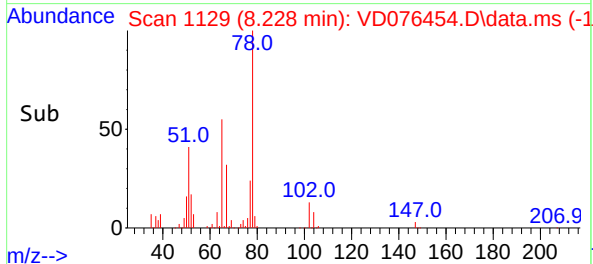
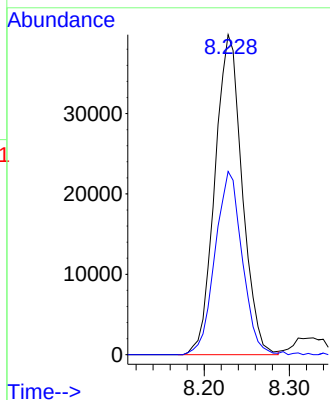
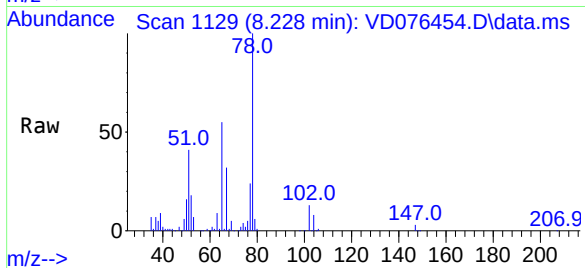




#33
1,2-Dichloroethane-d4
Concen: 48.058 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

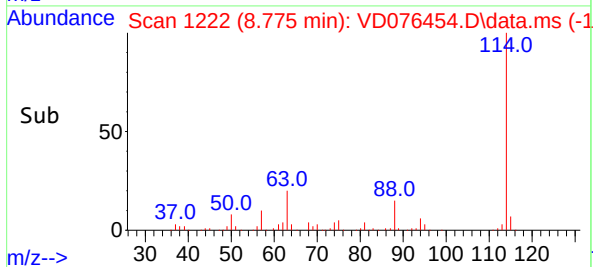
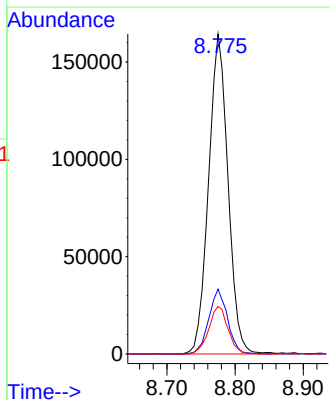
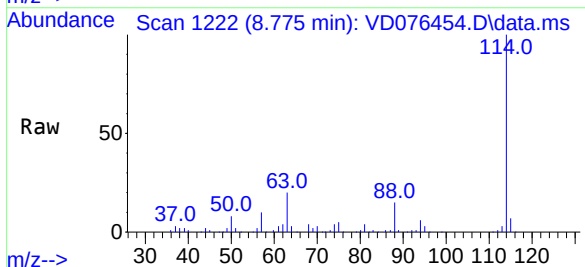
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

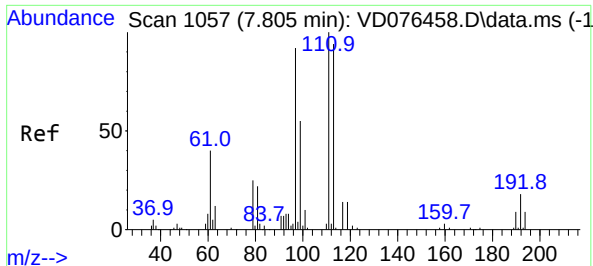
Tgt Ion: 65 Resp: 88708
Ion Ratio Lower Upper
65 100
67 57.1 0.0 115.0



#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 12:07

Tgt Ion: 114 Resp: 326104
Ion Ratio Lower Upper
114 100
63 20.3 0.0 33.4
88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.955 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

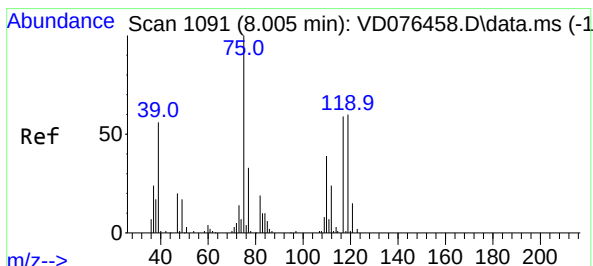
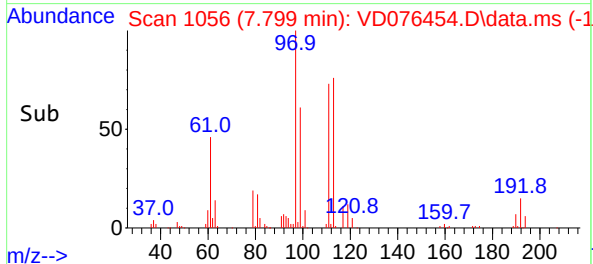
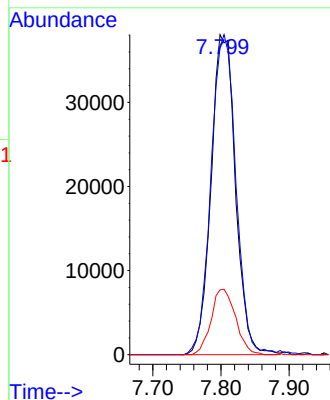
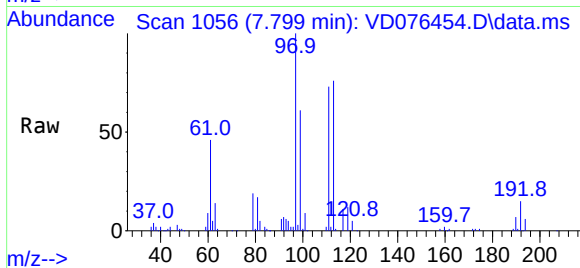
Tgt Ion:113 Resp: 94839

Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 20.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 47.067 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

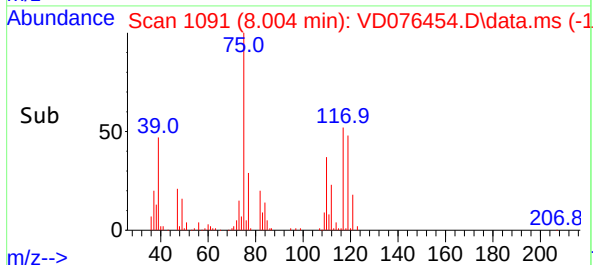
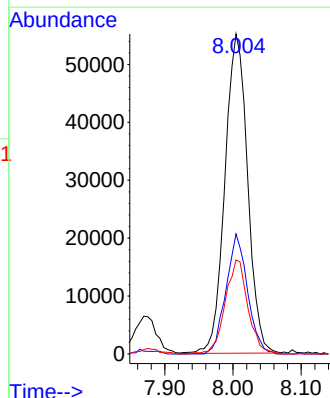
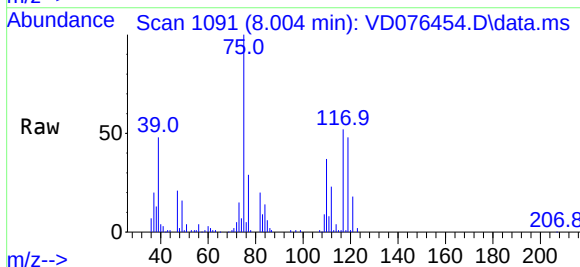
Tgt Ion: 75 Resp: 127690

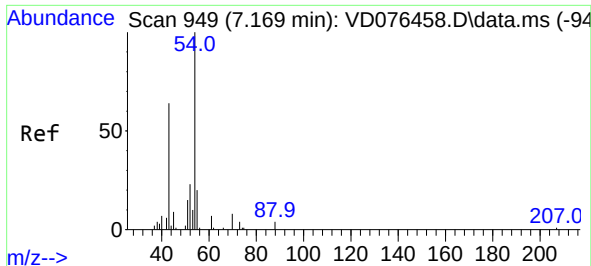
Ion Ratio Lower Upper

75 100

110 35.6 19.9 59.6

77 29.4 24.7 37.1





#37

Ethyl Acetate

Concen: 44.664 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

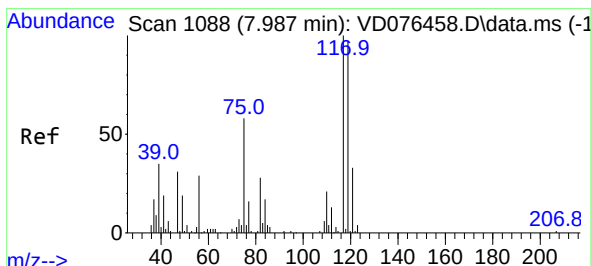
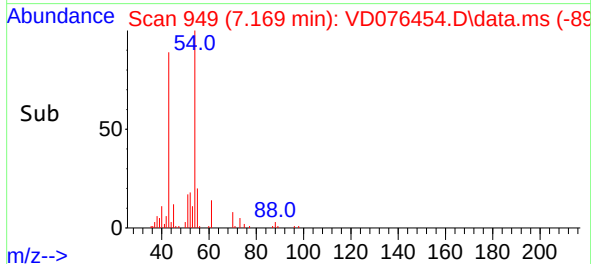
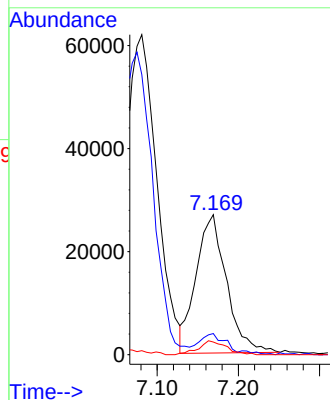
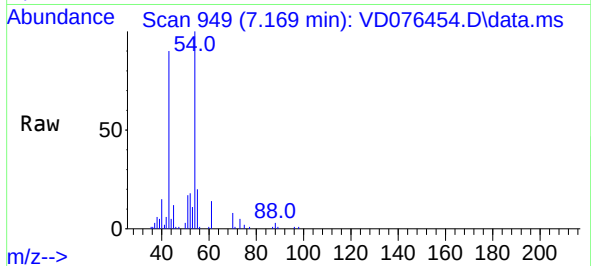
Tgt Ion: 43 Resp: 70214

Ion Ratio Lower Upper

43 100

61 14.2 14.9 22.3#

70 9.1 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 47.428 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

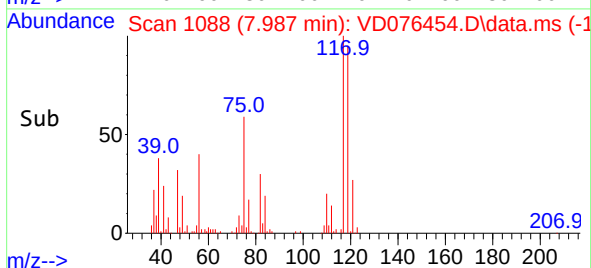
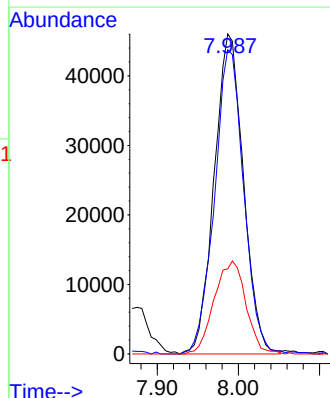
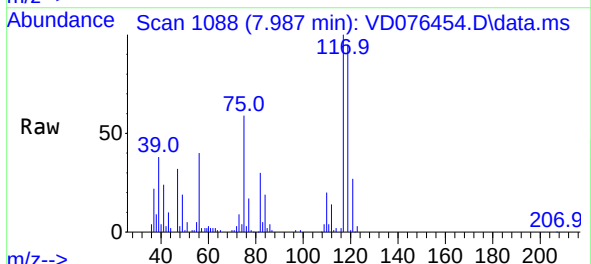
Tgt Ion: 117 Resp: 115003

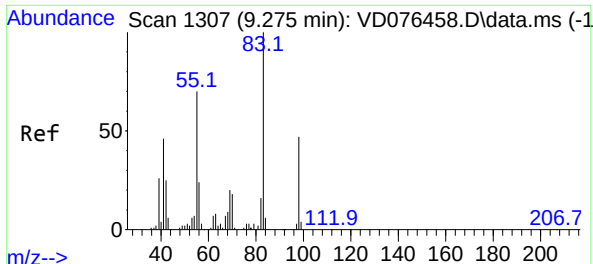
Ion Ratio Lower Upper

117 100

119 95.1 78.0 117.0

121 26.6 24.2 36.2





#39

Methylcyclohexane

Concen: 45.007 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

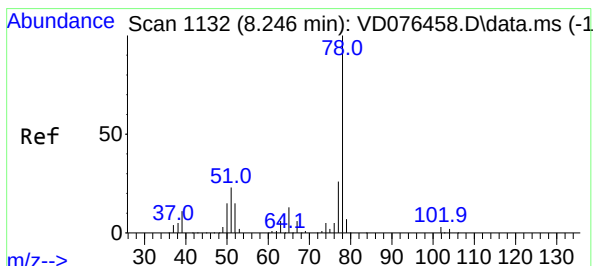
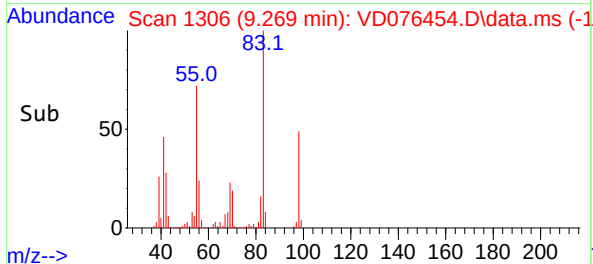
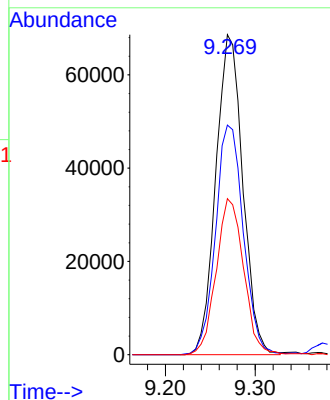
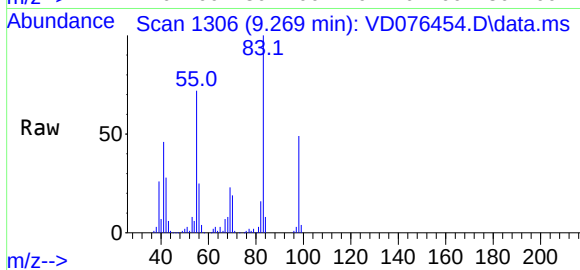
Tgt Ion: 83 Resp: 143286

Ion Ratio Lower Upper

83 100

55 71.8 49.4 74.0

98 48.8 38.4 57.6



#40

Benzene

Concen: 47.882 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076454.D

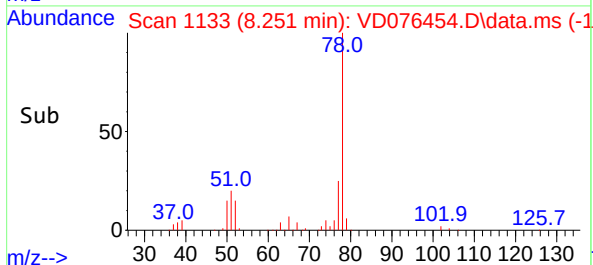
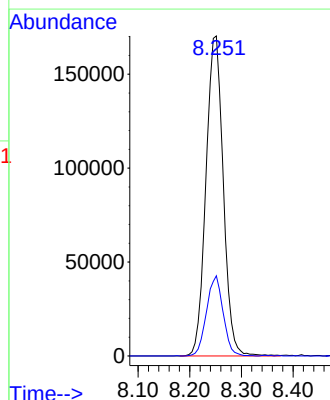
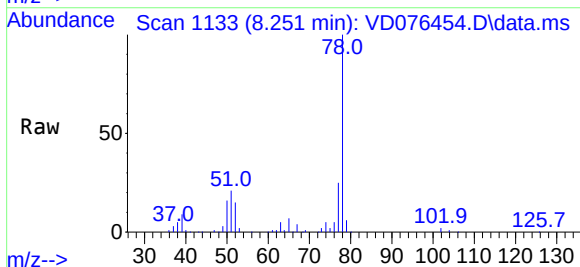
Acq: 16 Jun 2023 12:07

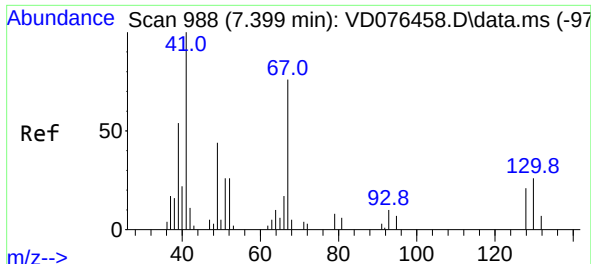
Tgt Ion: 78 Resp: 396131

Ion Ratio Lower Upper

78 100

77 25.0 19.4 29.0

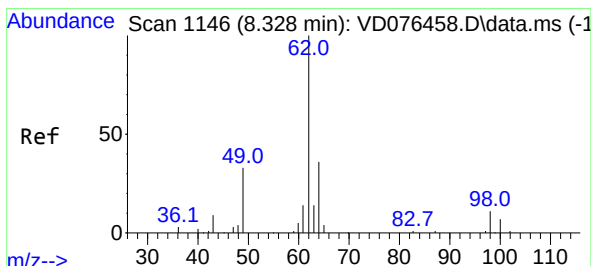
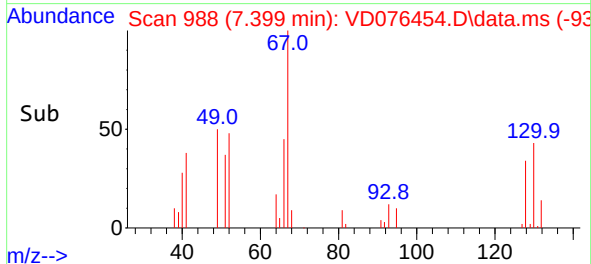
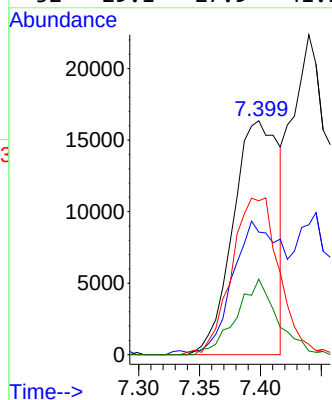
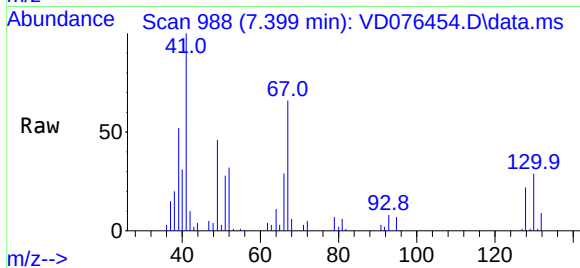




#41
Methacrylonitrile
Concen: 46.871 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

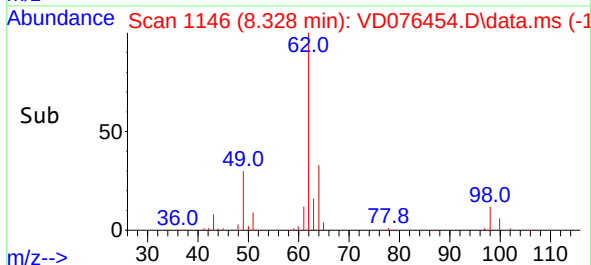
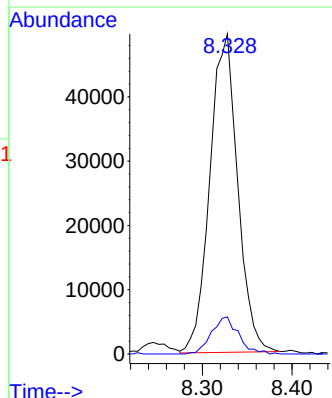
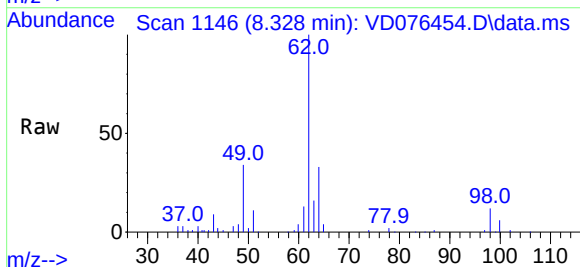
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

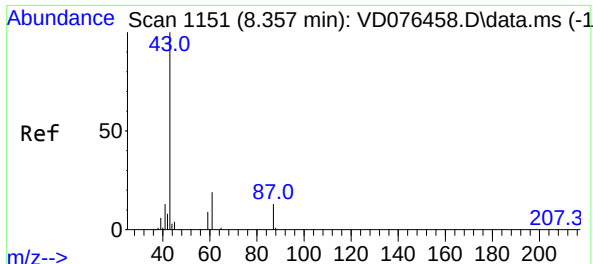
Tgt Ion: 41 Resp: 42637
Ion Ratio Lower Upper
41 100
39 59.4 34.0 51.0#
67 70.1 77.0 115.4#
52 29.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 47.787 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 62 Resp: 106826
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

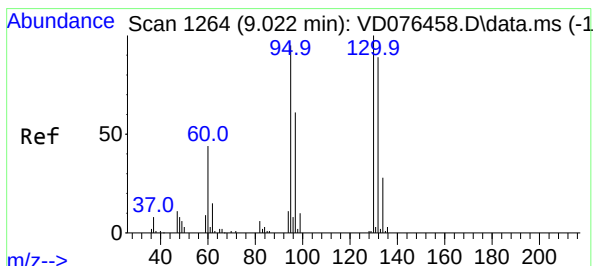
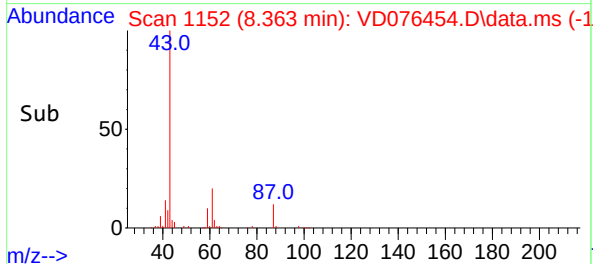
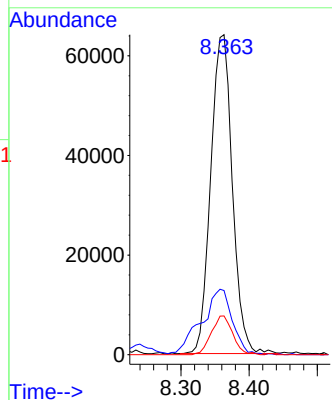
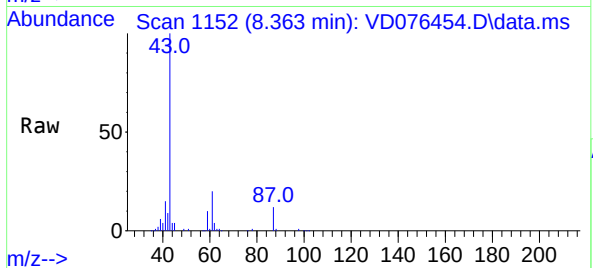




#43
Isopropyl Acetate
Concen: 47.497 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

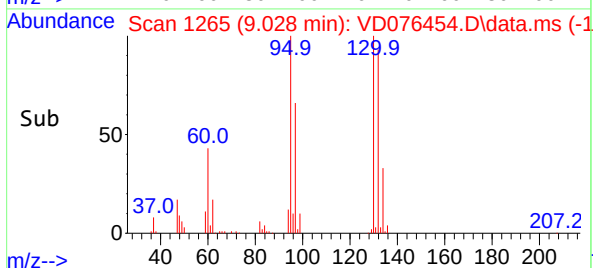
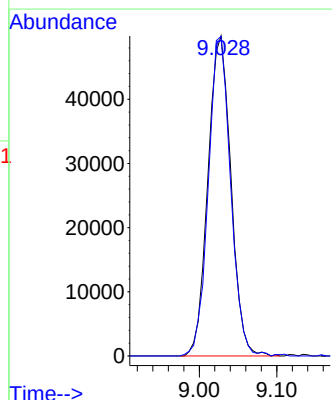
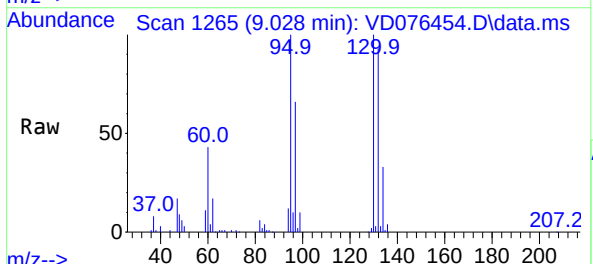
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

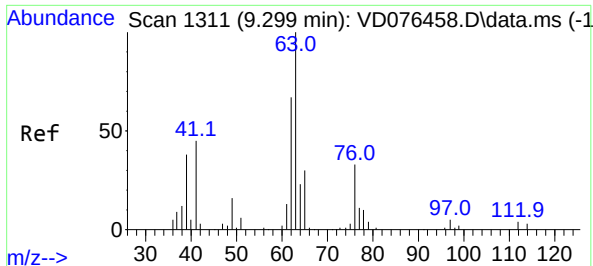
Tgt Ion: 43 Resp: 141360
Ion Ratio Lower Upper
43 100
61 29.3 31.4 47.0#
87 12.0 14.9 22.3#



#44
Trichloroethene
Concen: 46.000 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:130 Resp: 102659
Ion Ratio Lower Upper
130 100
95 99.9 0.0 179.2

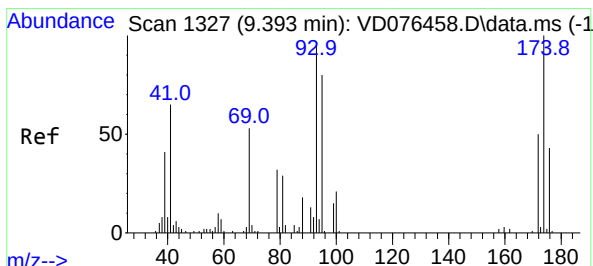
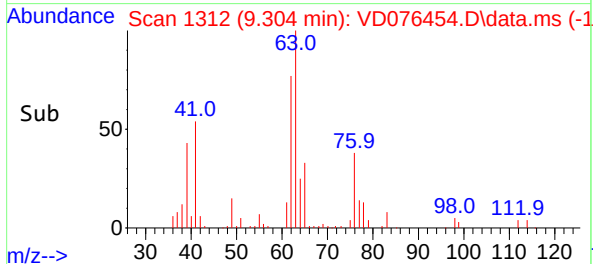
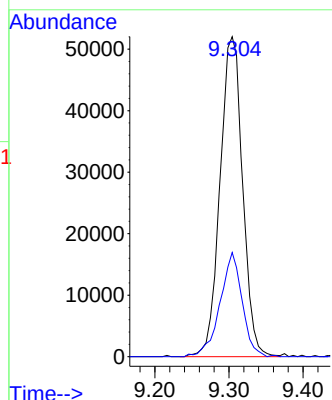
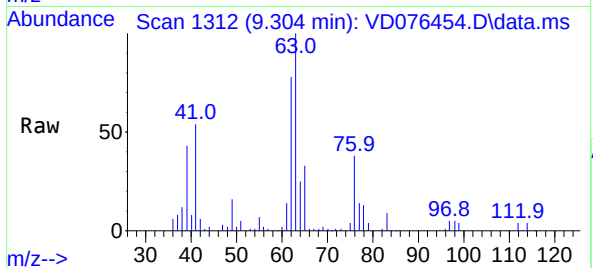




#45
1,2-Dichloropropane
Concen: 49.011 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

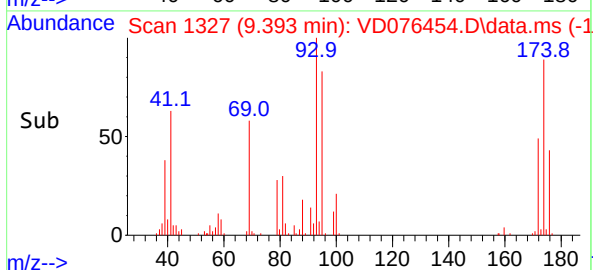
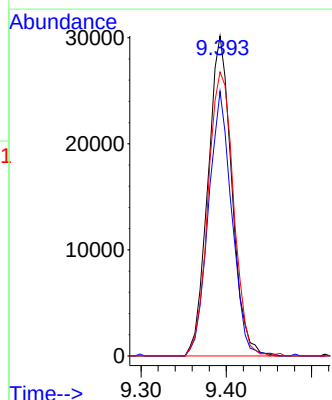
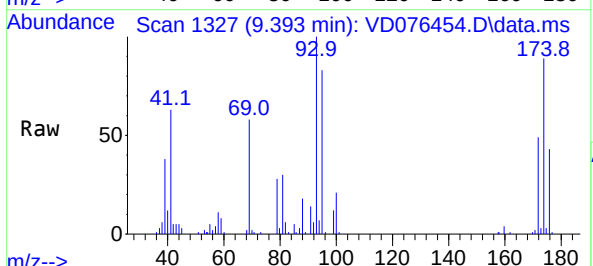
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

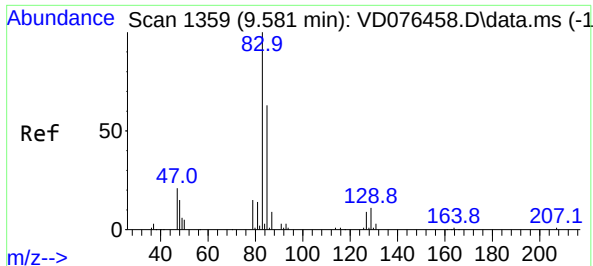
Tgt Ion: 63 Resp: 109937
Ion Ratio Lower Upper
63 100
65 32.5 24.5 36.7



#46
Dibromomethane
Concen: 48.800 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 93 Resp: 58640
Ion Ratio Lower Upper
93 100
95 80.9 67.7 101.5
174 94.3 85.4 128.2

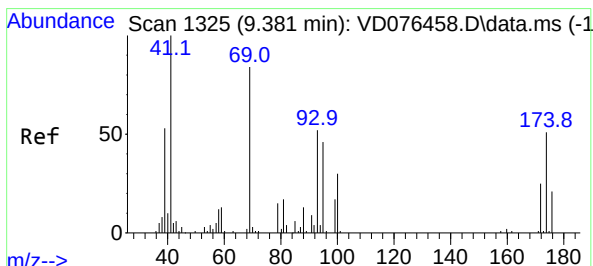
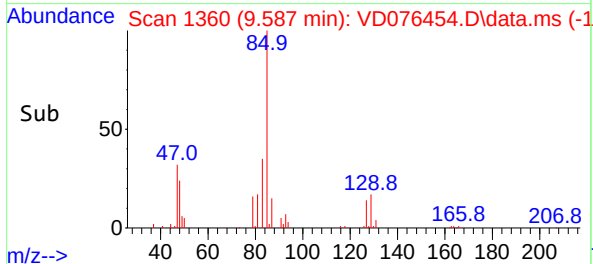
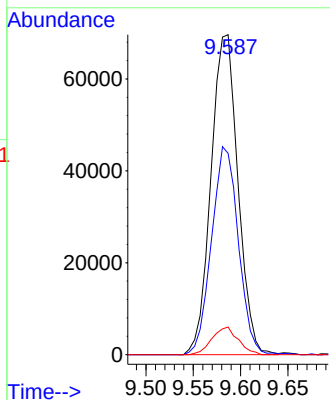
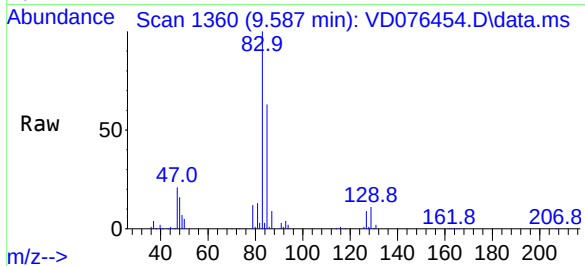




#47
Bromodichloromethane
Concen: 48.025 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

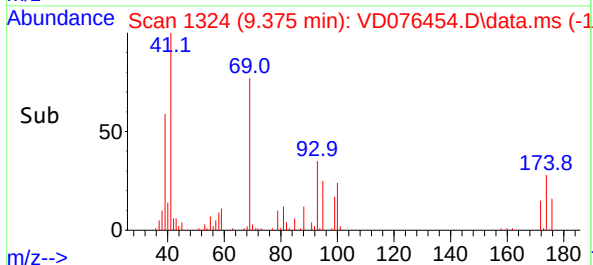
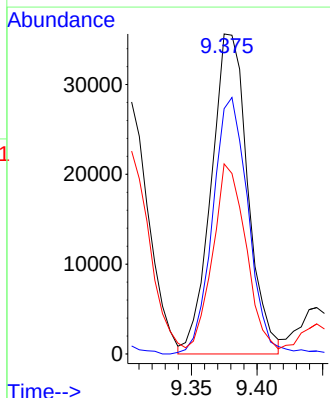
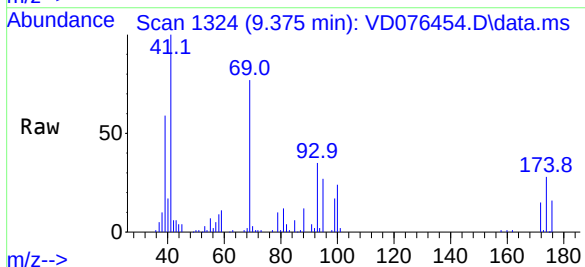
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

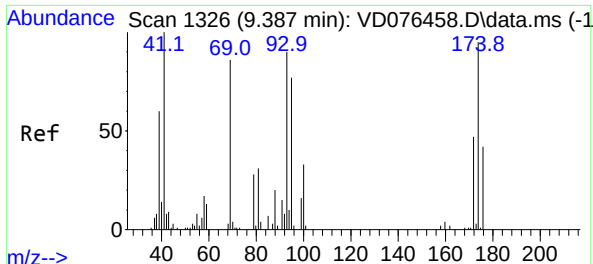
Tgt Ion: 83 Resp: 138098
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 50.662 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 41 Resp: 69108
Ion Ratio Lower Upper
41 100
69 78.3 102.2 153.2#
39 51.9 41.4 62.2

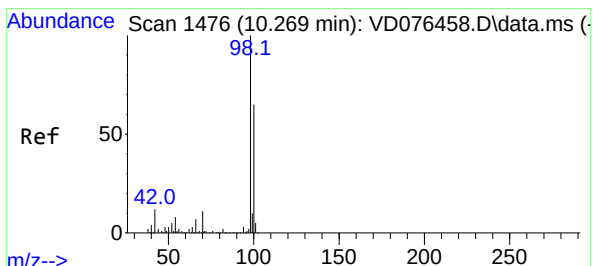
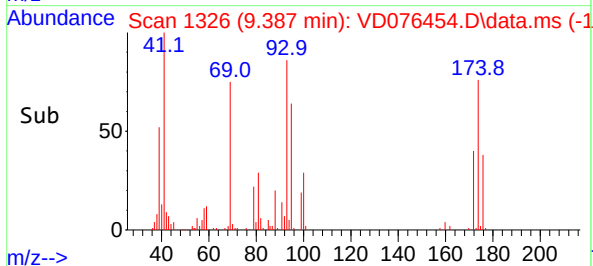
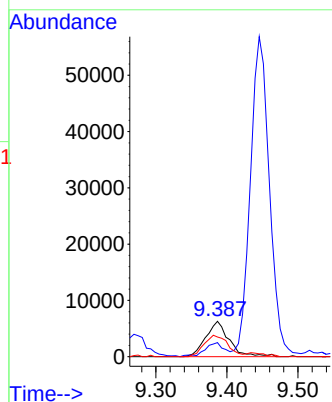
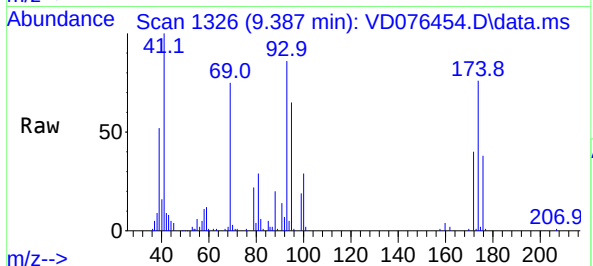




#49
1,4-Dioxane
Concen: 998.310 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

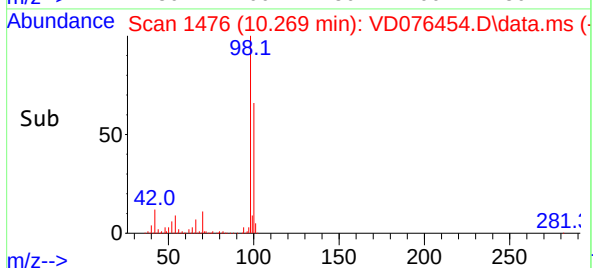
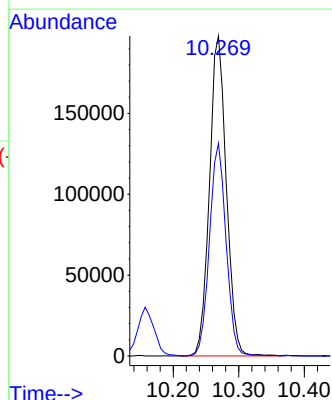
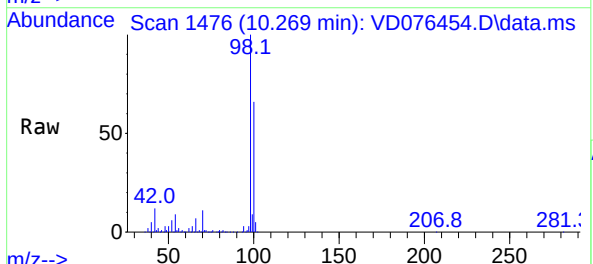
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

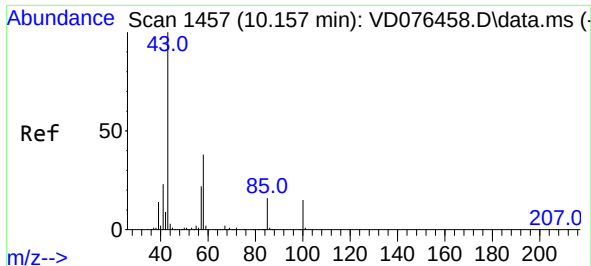
Tgt Ion: 88 Resp: 14373
Ion Ratio Lower Upper
88 100
43 33.1 19.0 28.6#
58 61.5 43.5 65.3



#50
Toluene-d8
Concen: 48.190 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 98 Resp: 354055
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

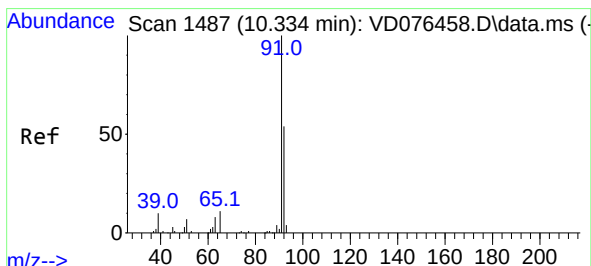
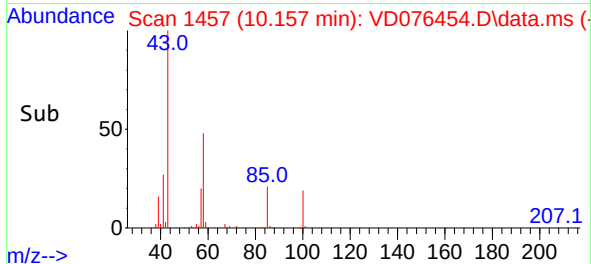
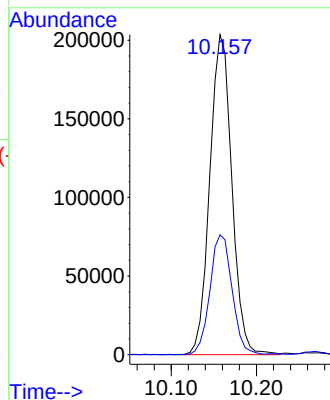
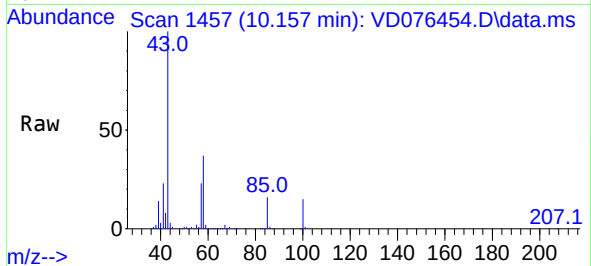




#51
4-Methyl-2-Pentanone
Concen: 240.226 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

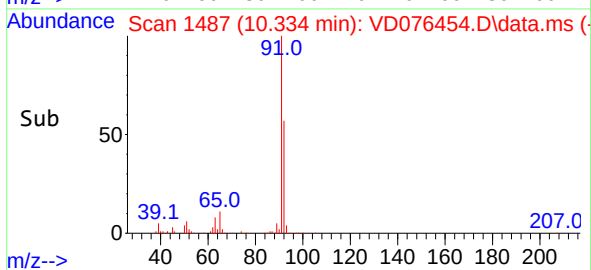
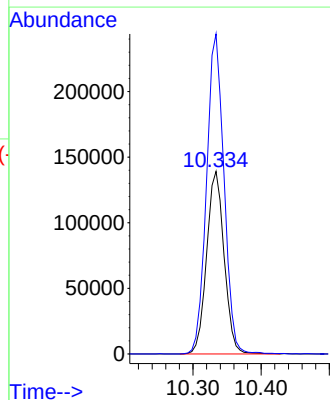
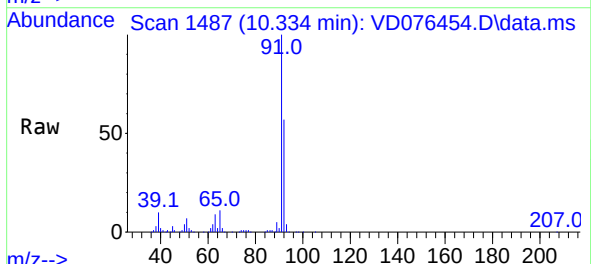
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

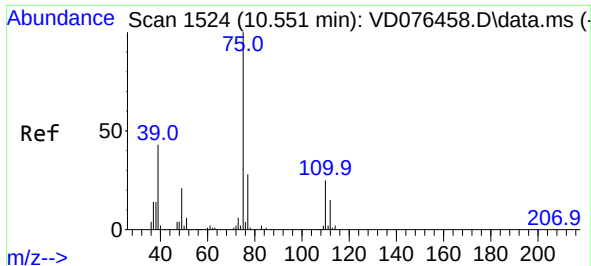
Tgt Ion: 43 Resp: 365469
Ion Ratio Lower Upper
43 100
58 37.6 38.9 58.3#



#52
Toluene
Concen: 47.810 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 92 Resp: 248210
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

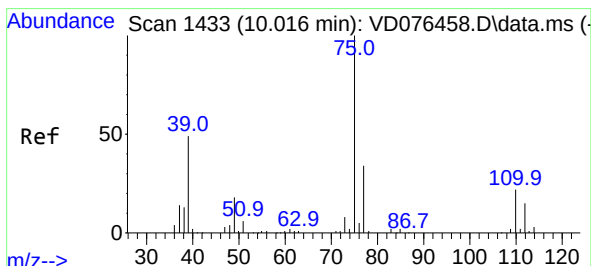
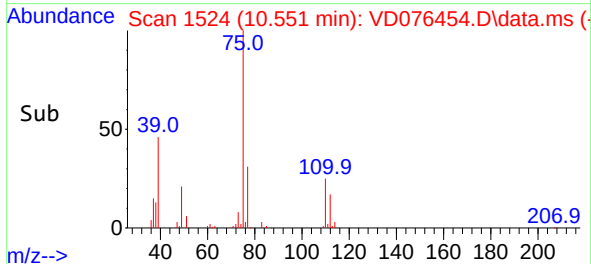
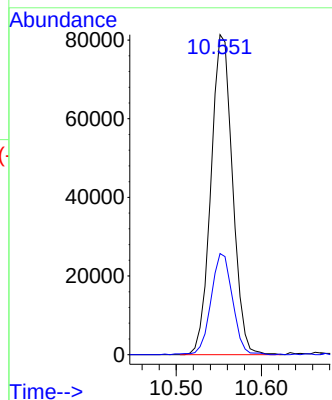
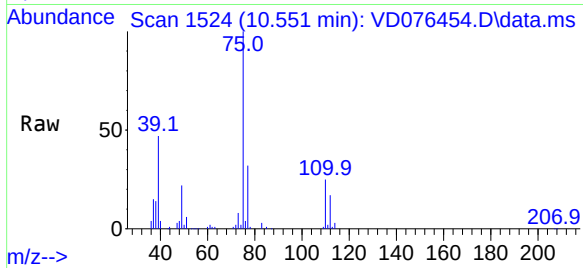




#53
t-1,3-Dichloropropene
Concen: 48.981 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

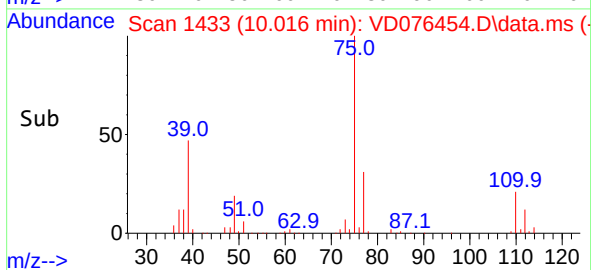
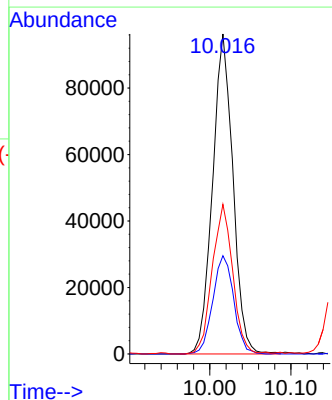
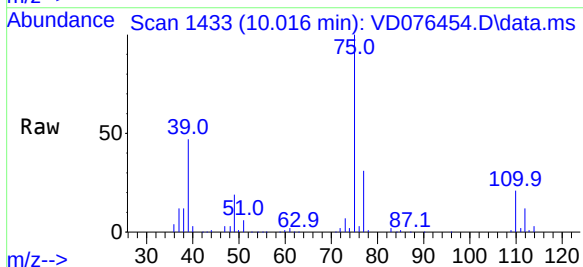
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

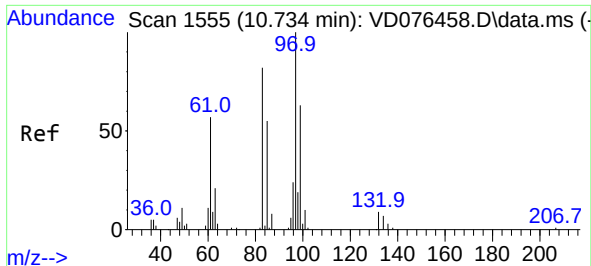
Tgt Ion: 75 Resp: 142922
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.550 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 75 Resp: 167957
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 46.8 22.1 33.1#

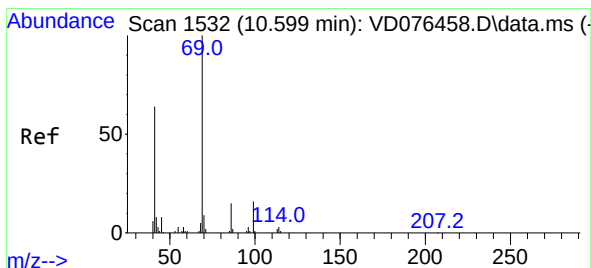
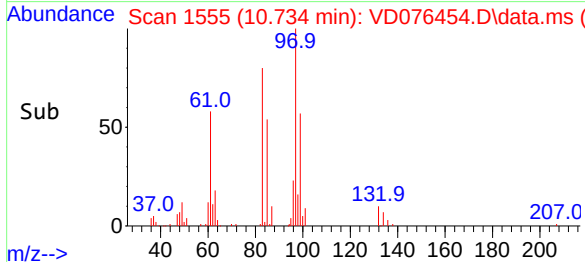
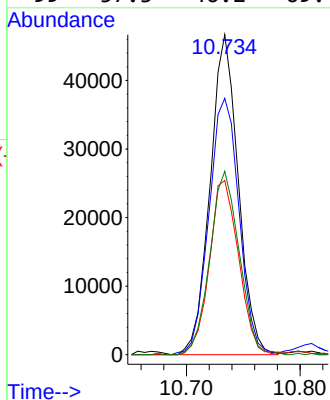
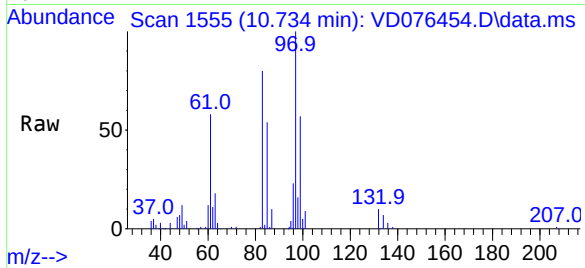




#55
1,1,2-Trichloroethane
Concen: 47.831 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

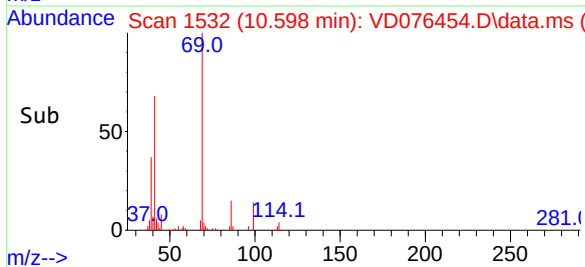
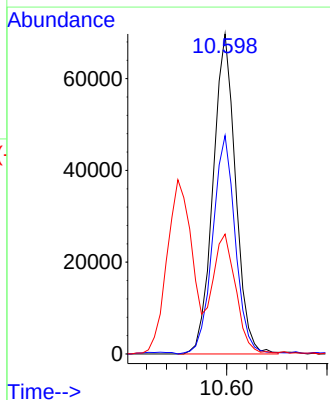
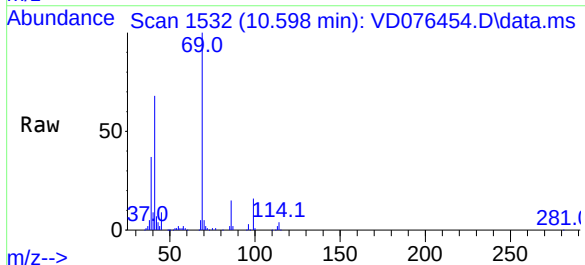
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

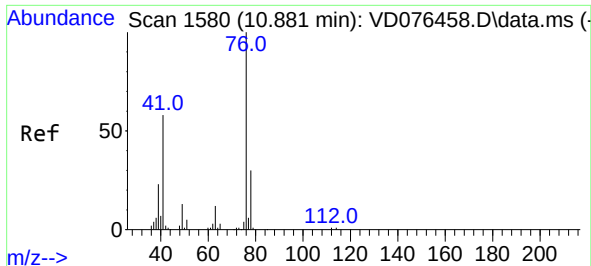
Tgt Ion:	97	Resp:	80396
Ion	Ratio	Lower	Upper
97	100		
83	79.5	65.8	98.6
85	54.4	45.7	68.5
99	57.3	46.2	69.4



#56
Ethyl methacrylate
Concen: 49.560 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:	69	Resp:	108770
Ion	Ratio	Lower	Upper
69	100		
41	68.8	39.1	58.7#
39	38.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 46.987 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

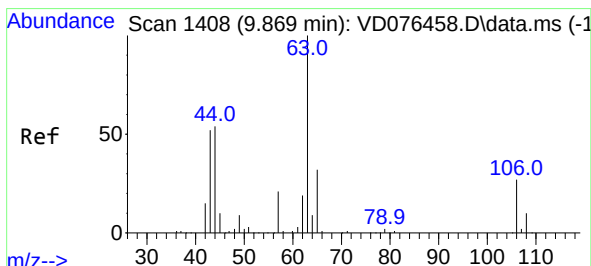
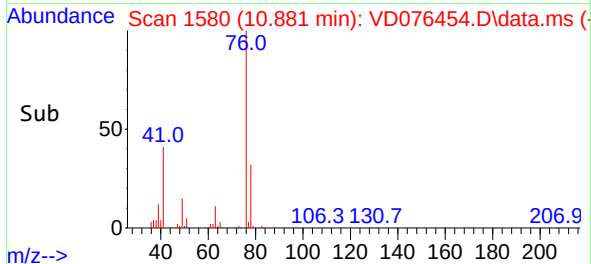
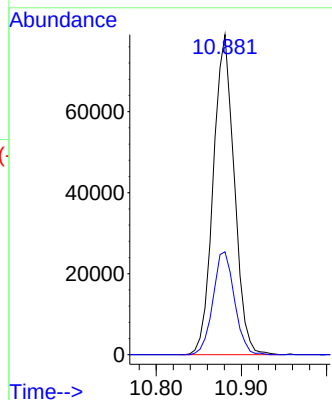
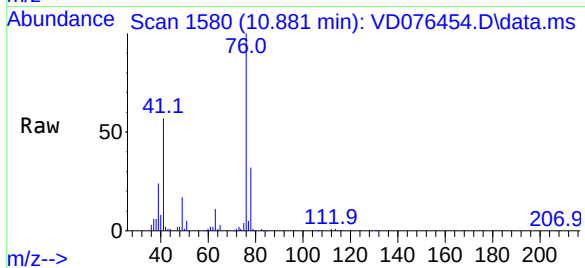
VSTDCCC050

Tgt Ion: 76 Resp: 135219

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 232.418 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076454.D

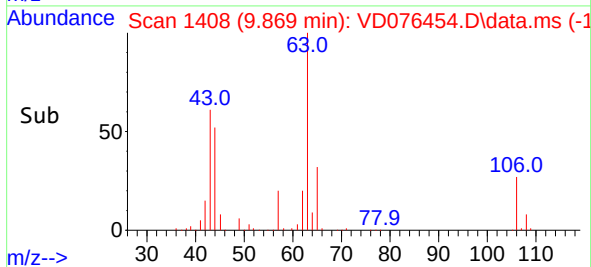
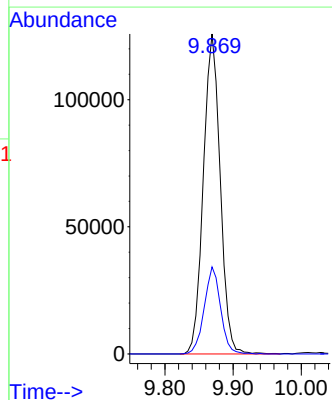
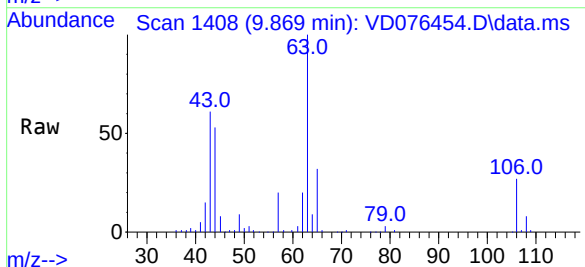
Acq: 16 Jun 2023 12:07

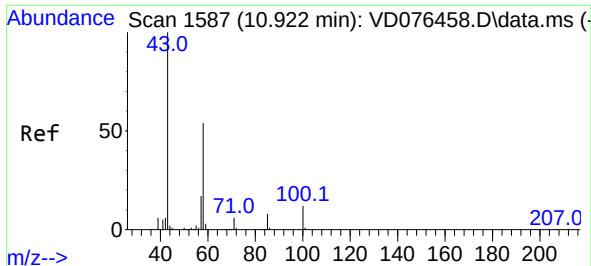
Tgt Ion: 63 Resp: 216255

Ion Ratio Lower Upper

63 100

106 26.4 25.3 37.9

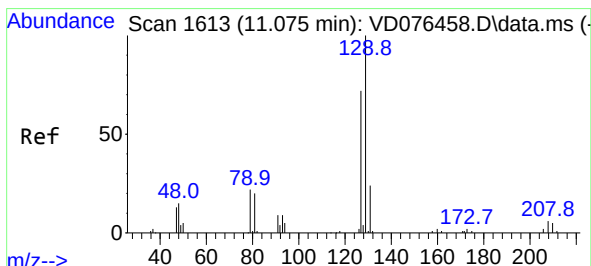
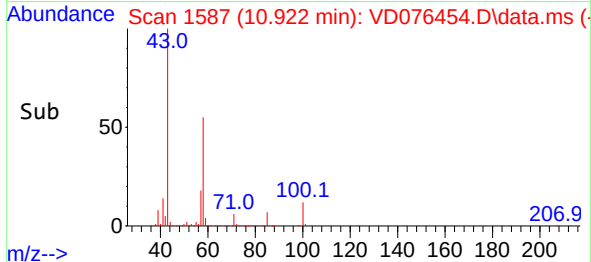
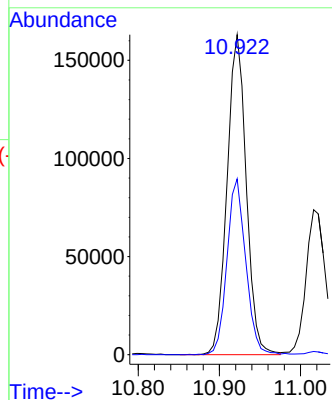
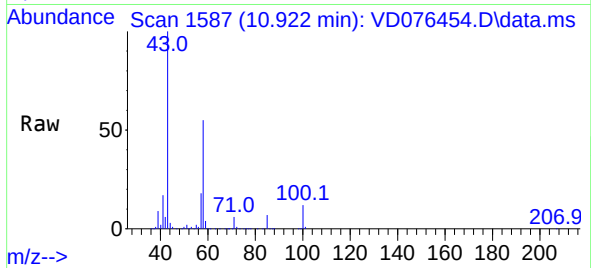




#59
2-Hexanone
Concen: 252.946 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

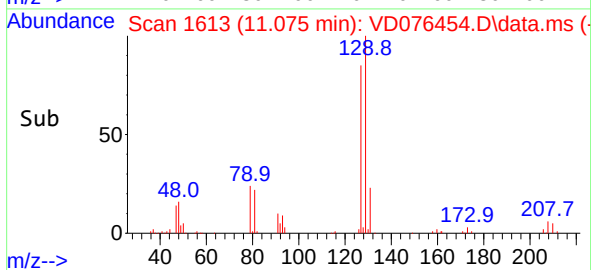
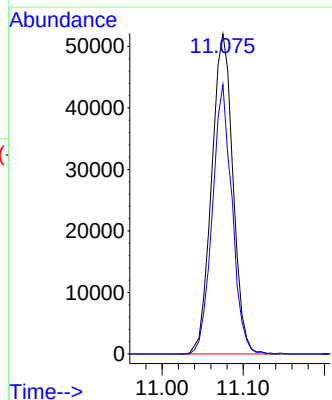
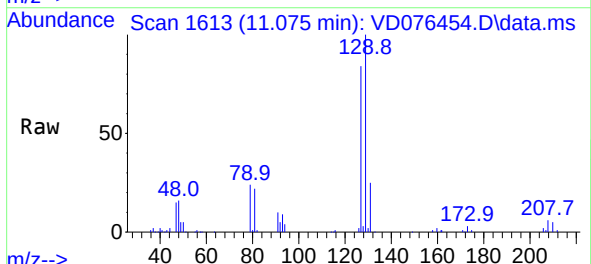
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

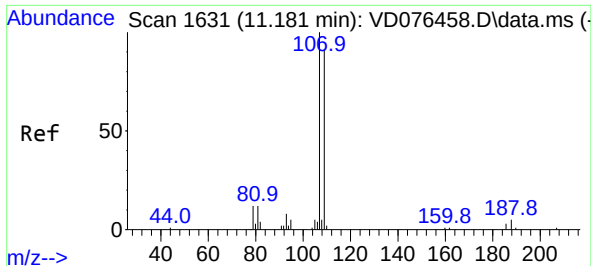
Tgt Ion: 43 Resp: 267682
Ion Ratio Lower Upper
43 100
58 53.8 34.1 102.2



#60
Dibromochloromethane
Concen: 48.534 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 129 Resp: 94939
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

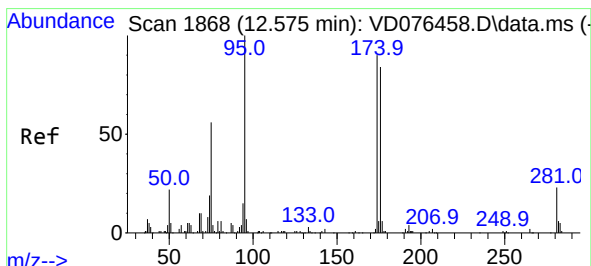
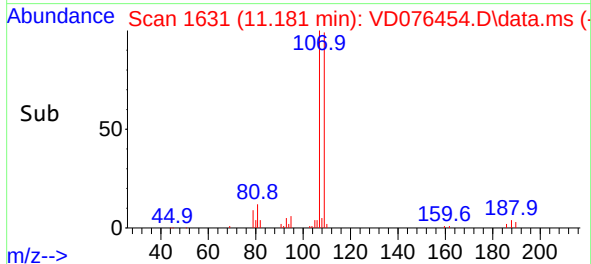
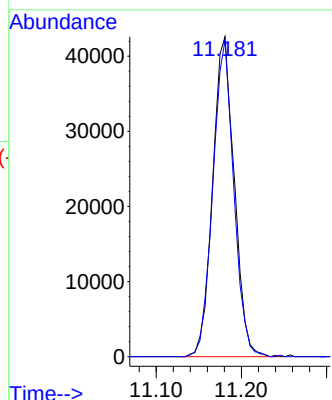
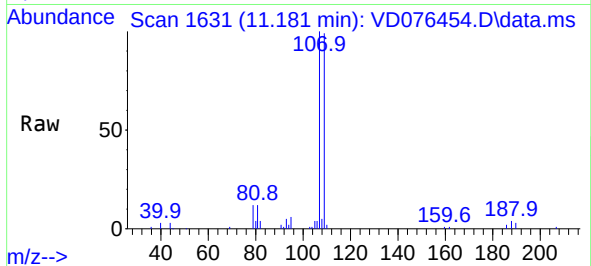




#61
1,2-Dibromoethane
Concen: 47.454 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

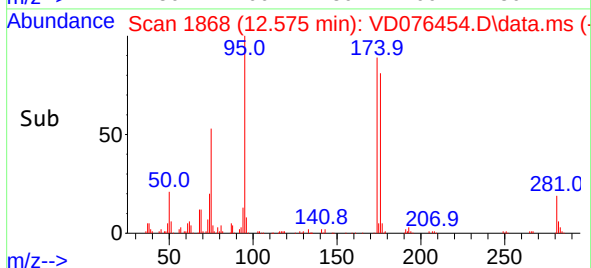
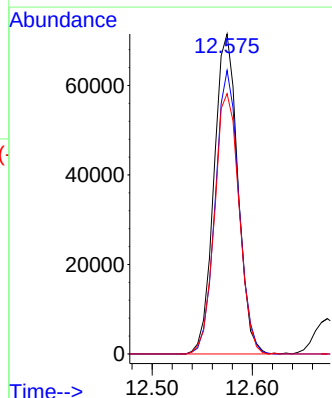
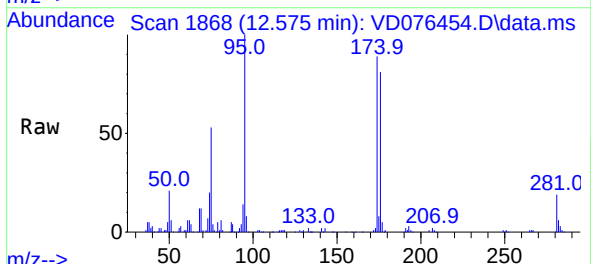
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

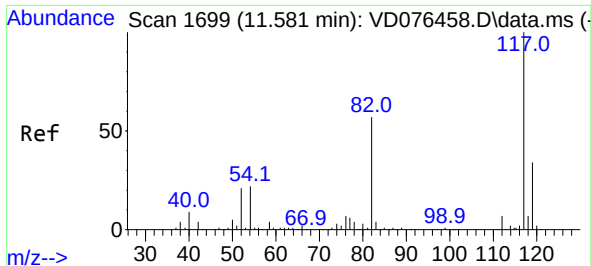
Tgt Ion:107 Resp: 74876
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.450 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 95 Resp: 117910
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 83.7 0.0 191.8

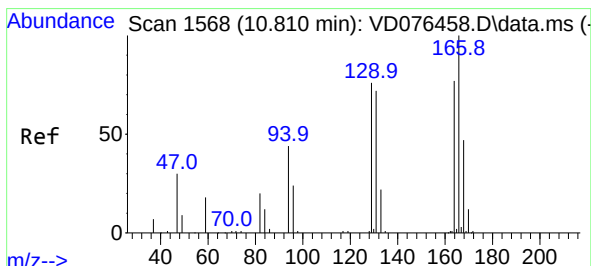
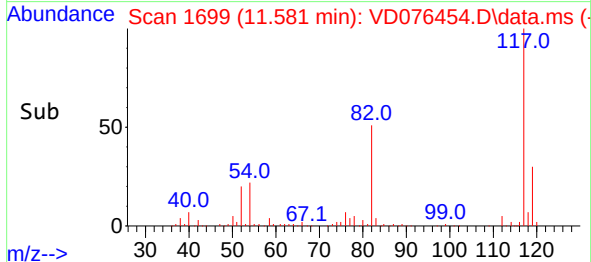
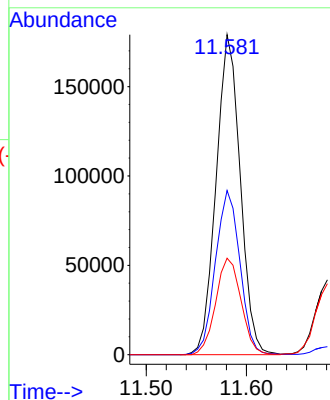
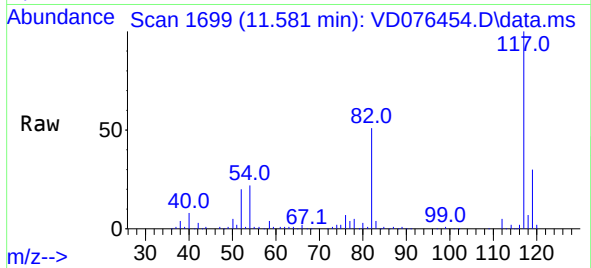




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

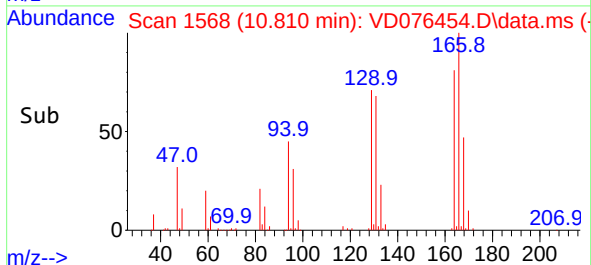
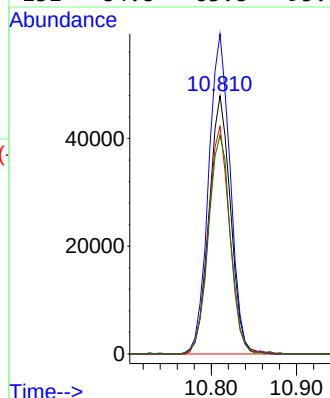
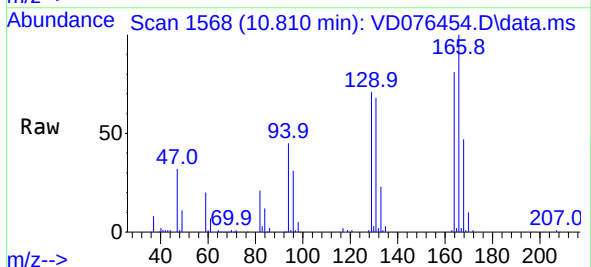
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

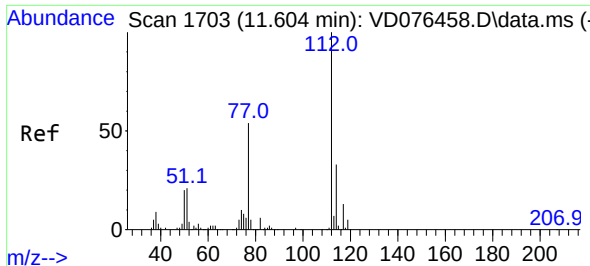
Tgt Ion:117 Resp: 299621
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 30.2 25.0 37.4



#64
Tetrachloroethene
Concen: 47.080 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:164 Resp: 84673
Ion Ratio Lower Upper
164 100
166 124.0 99.2 148.8
129 88.1 68.4 102.6
131 84.8 63.8 95.8

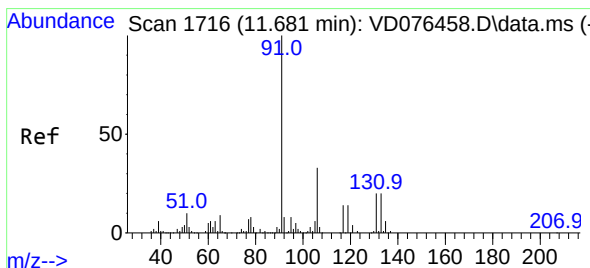
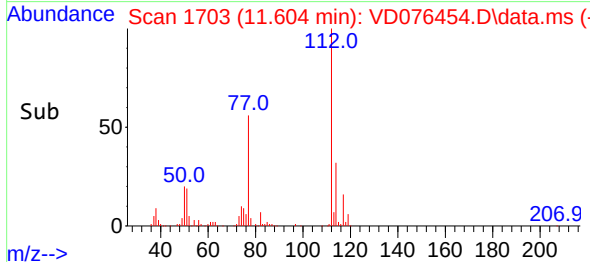
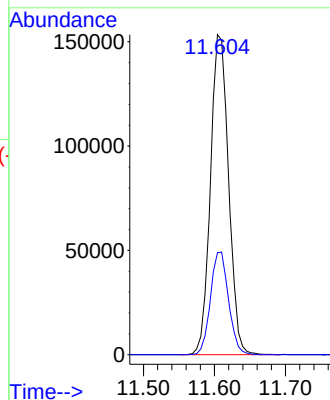
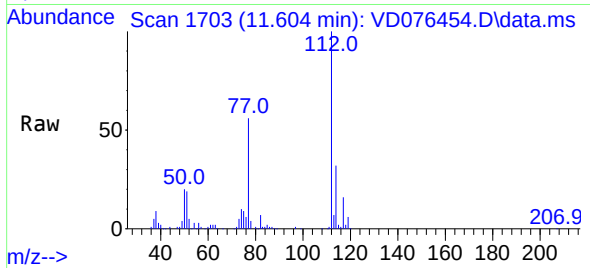




#65
Chlorobenzene
Concen: 47.755 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

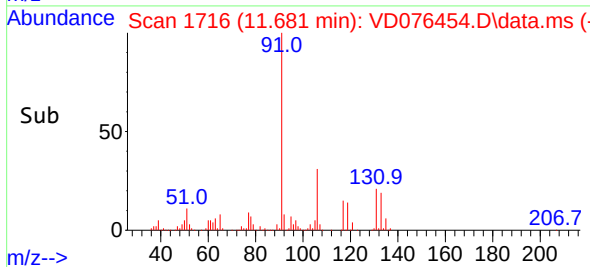
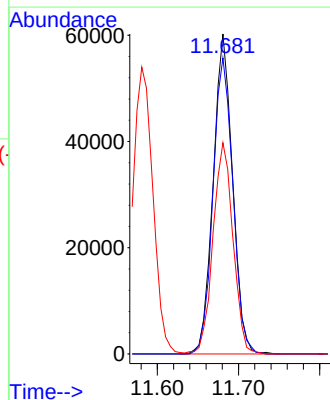
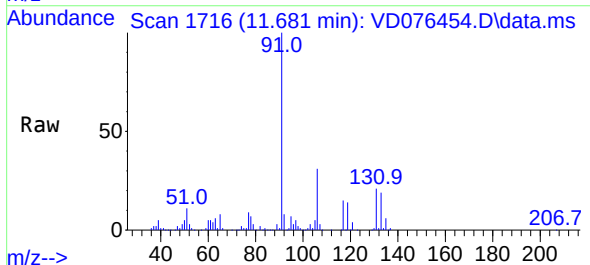
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

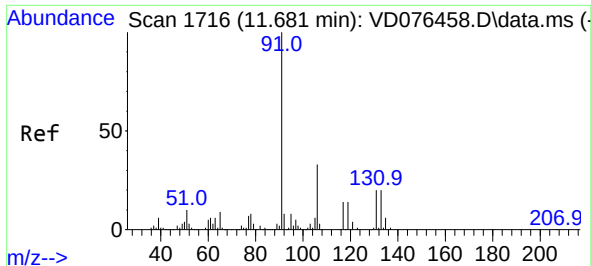
Tgt Ion:112 Resp: 271833
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.123 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:131 Resp: 100000
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.5
119 67.9 35.6 106.9





#67

Ethyl Benzene

Concen: 47.454 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

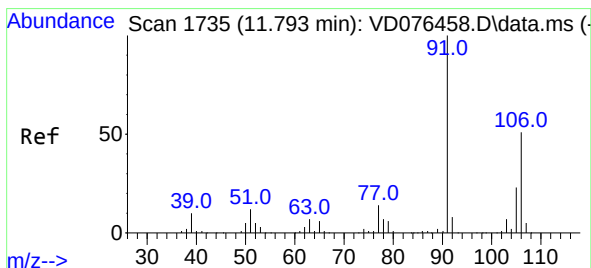
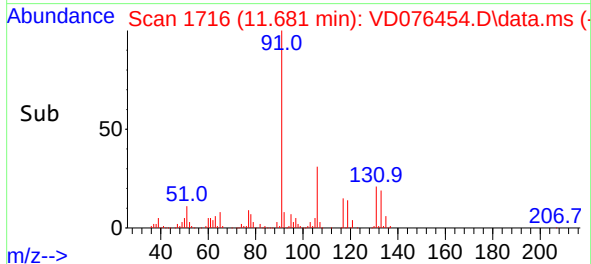
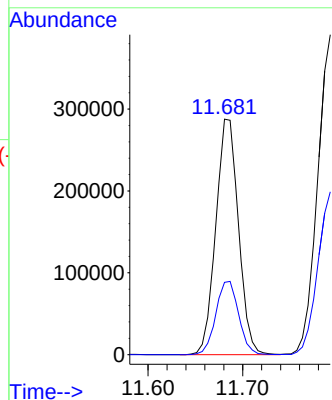
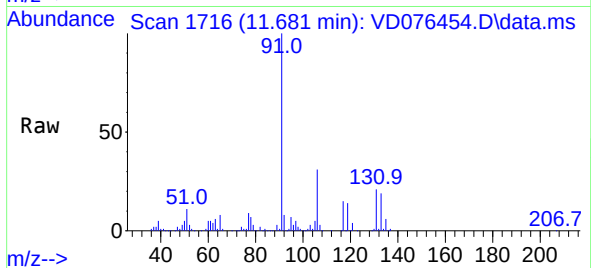
VSTDCCC050

Tgt Ion: 91 Resp: 478624

Ion Ratio Lower Upper

91 100

106 30.7 26.5 39.7



#68

m/p-Xylenes

Concen: 94.175 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076454.D

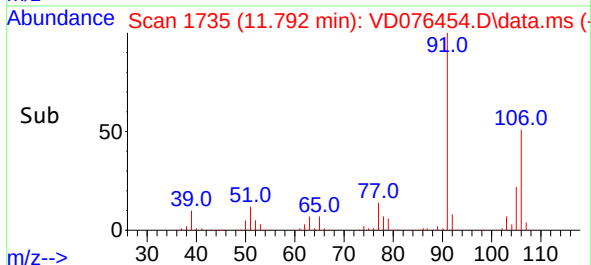
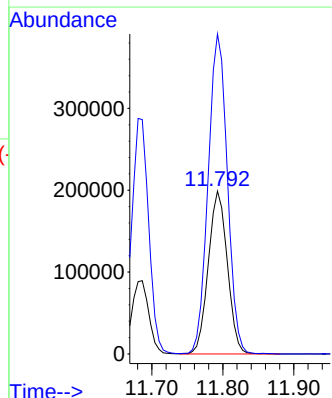
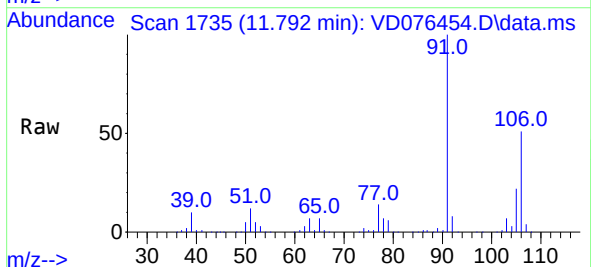
Acq: 16 Jun 2023 12:07

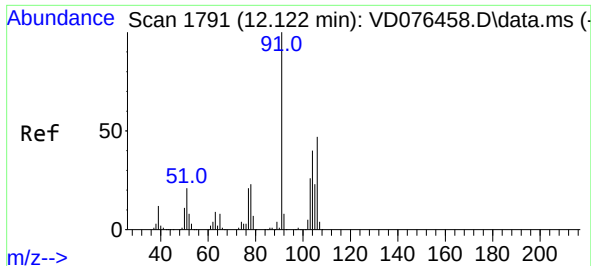
Tgt Ion: 106 Resp: 370788

Ion Ratio Lower Upper

106 100

91 198.4 147.0 220.6

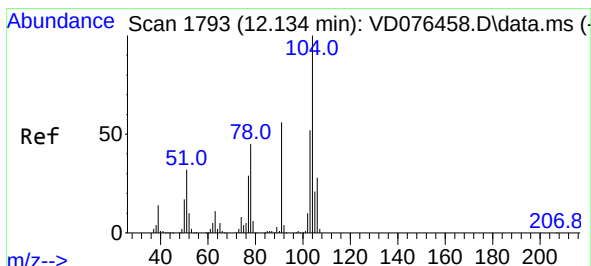
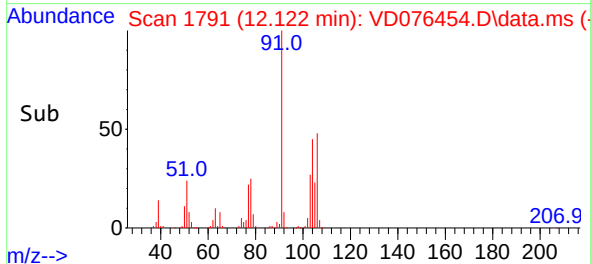
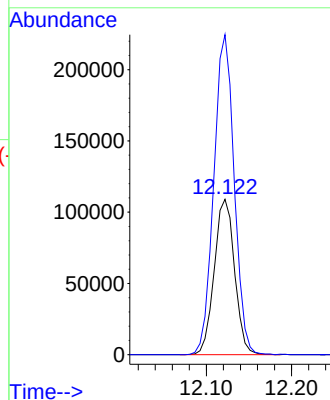
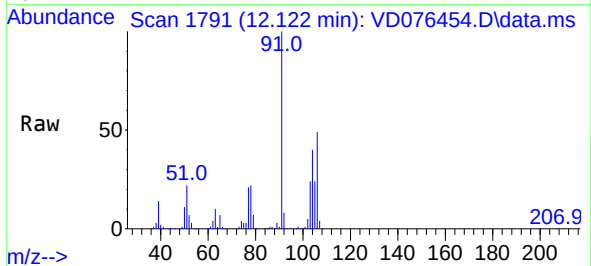




#69
o-Xylene
Concen: 48.296 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

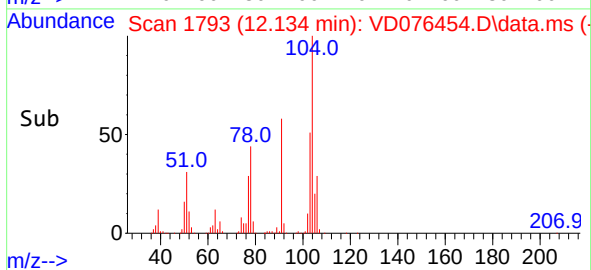
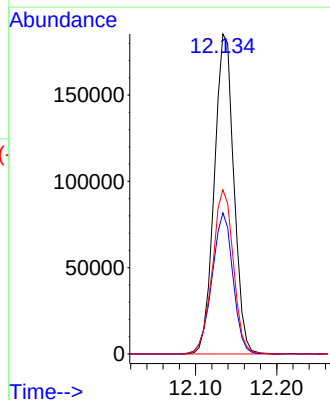
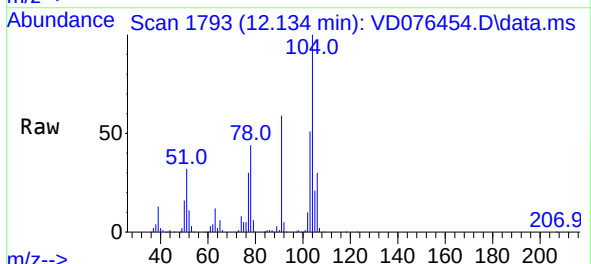
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

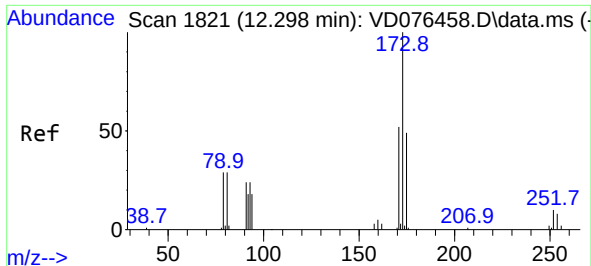
Tgt Ion:106 Resp: 181008
Ion Ratio Lower Upper
106 100
91 206.8 97.9 293.6



#70
Styrene
Concen: 47.913 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:104 Resp: 310197
Ion Ratio Lower Upper
104 100
78 47.0 33.2 49.8
103 54.9 43.6 65.4

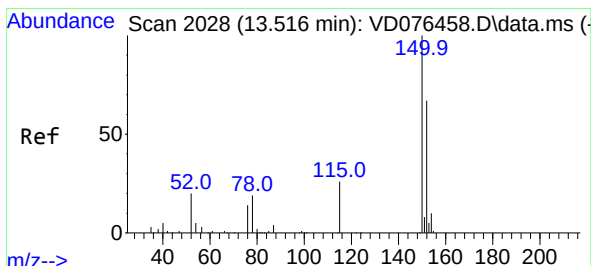
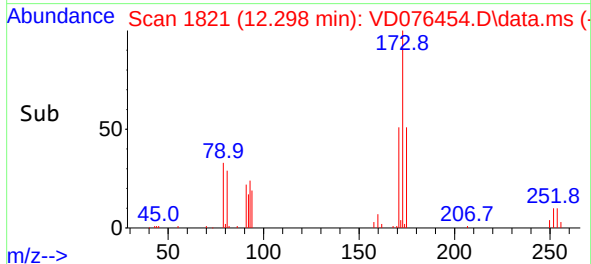
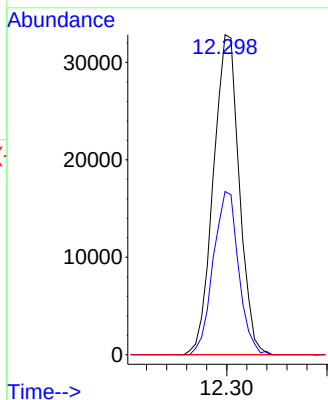
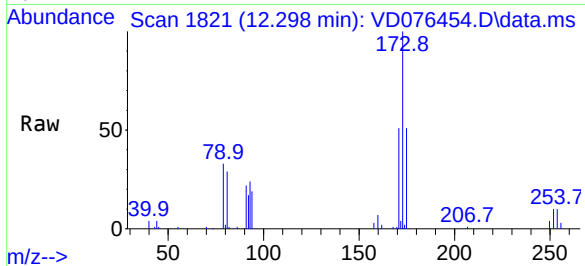




#71
Bromoform
Concen: 48.049 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

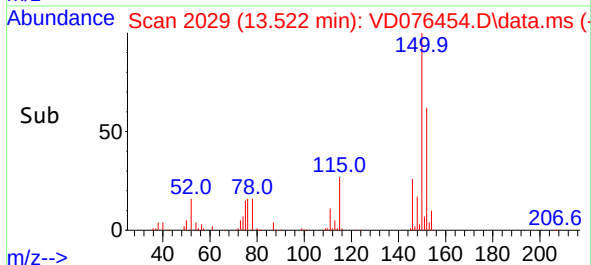
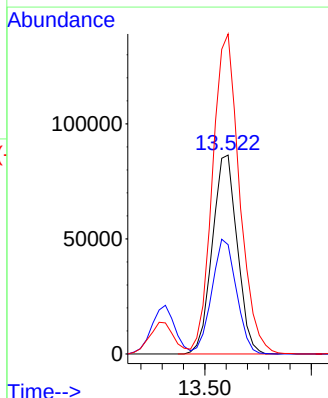
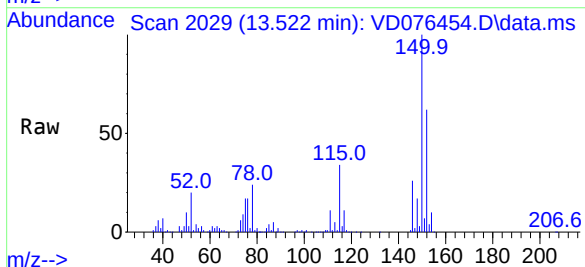
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

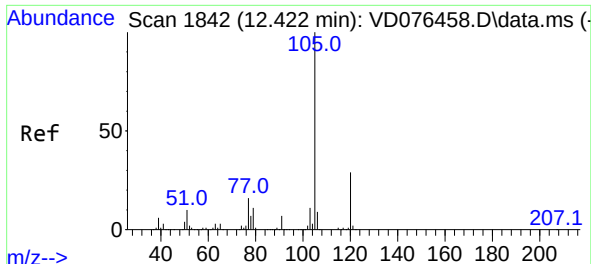
Tgt Ion:173 Resp: 58730
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:152 Resp: 140314
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 174.3 0.0 353.6

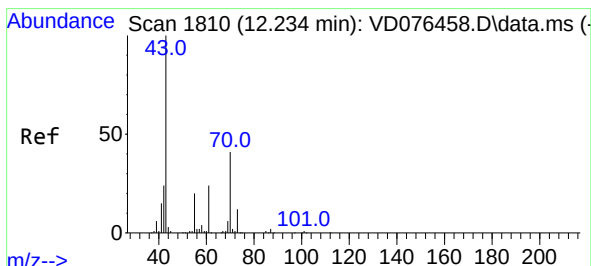
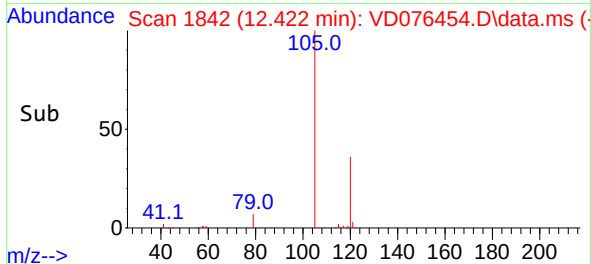
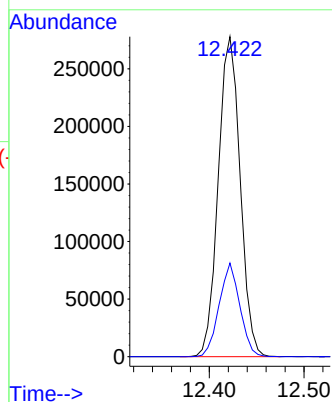
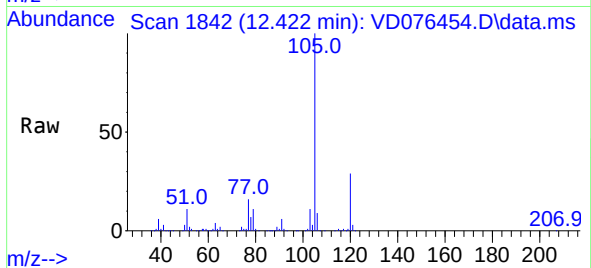




#73
Isopropylbenzene
Concen: 47.353 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

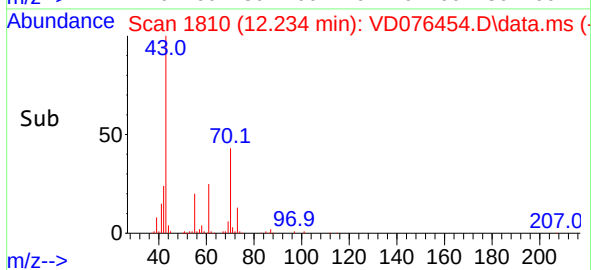
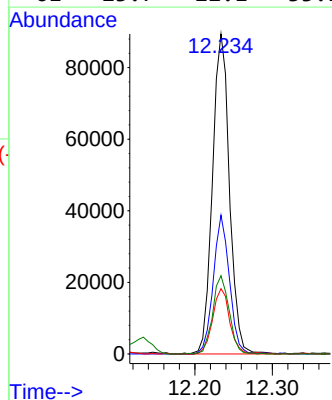
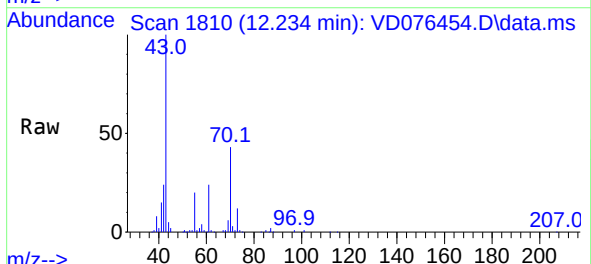
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

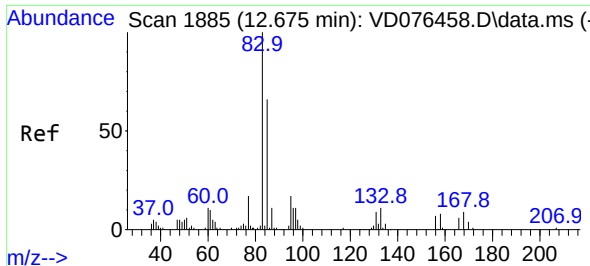
Tgt Ion:105 Resp: 447344
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9



#74
N-ethyl acetate
Concen: 49.227 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 43 Resp: 136145
Ion Ratio Lower Upper
43 100
70 41.3 45.0 67.4#
55 20.4 23.8 35.6#
61 23.7 22.1 33.1

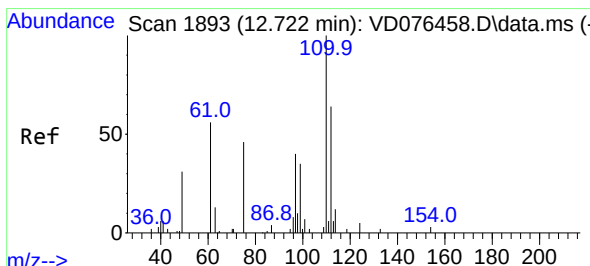
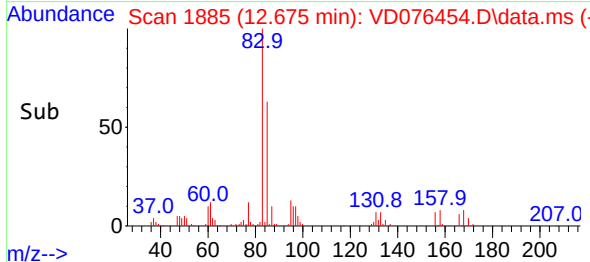
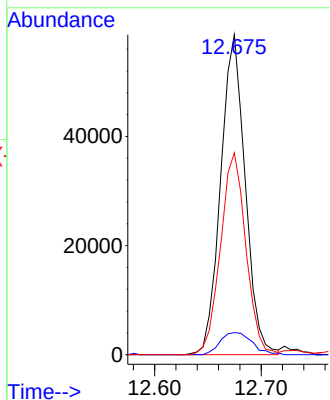
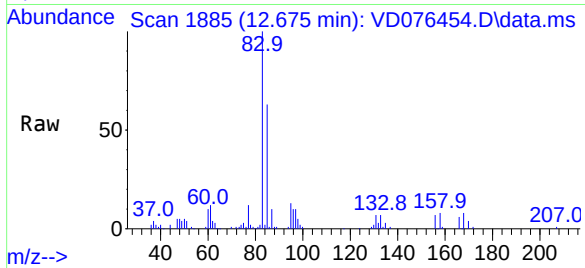




#75
1,1,2,2-Tetrachloroethane
Concen: 48.049 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

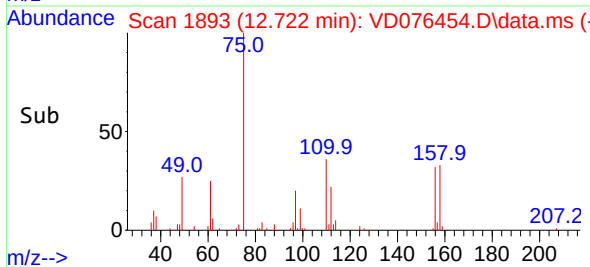
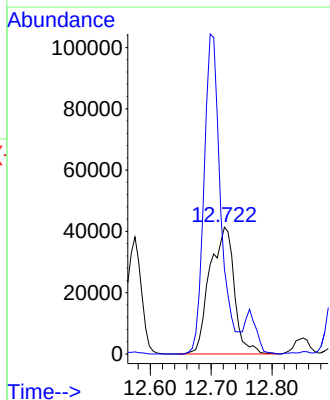
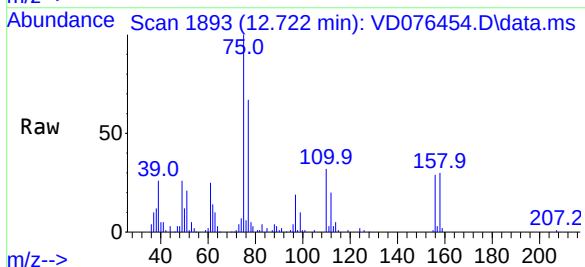
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

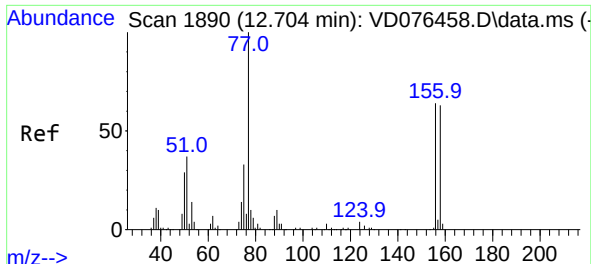
Tgt Ion: 83 Resp: 93667
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 65.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 82.688 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 75 Resp: 115704
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

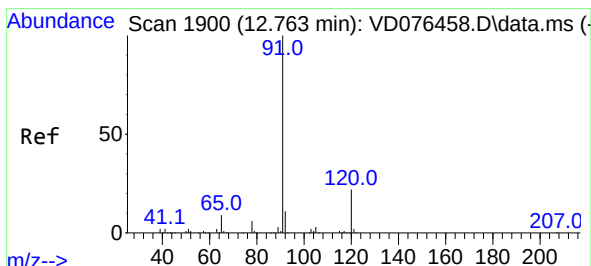
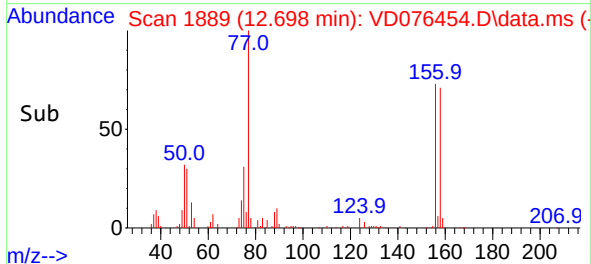
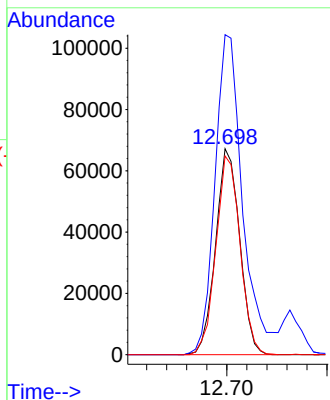
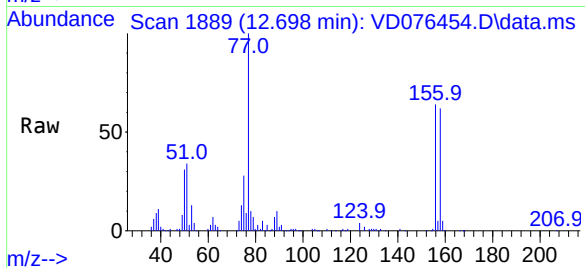




#77
Bromobenzene
Concen: 48.064 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

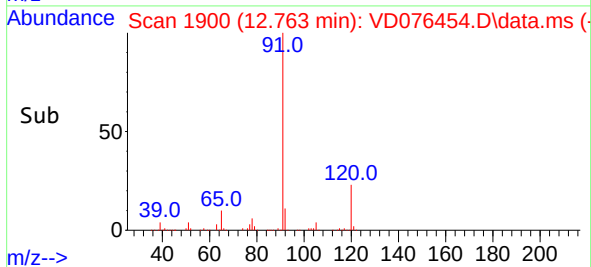
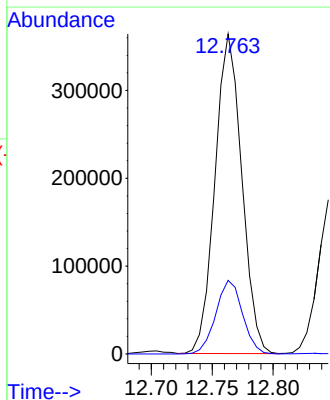
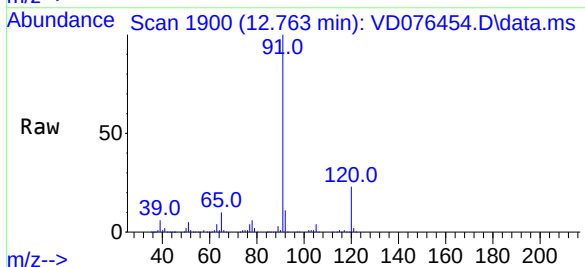
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

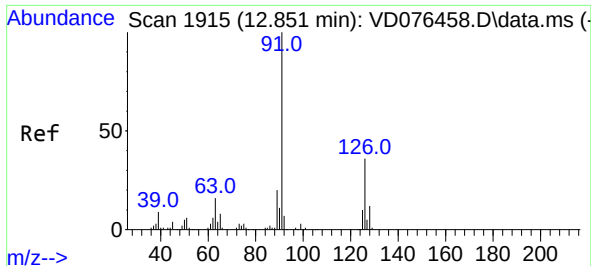
Tgt Ion:156 Resp: 112021
Ion Ratio Lower Upper
156 100
77 179.4 76.8 230.4
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 47.676 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 91 Resp: 556122
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

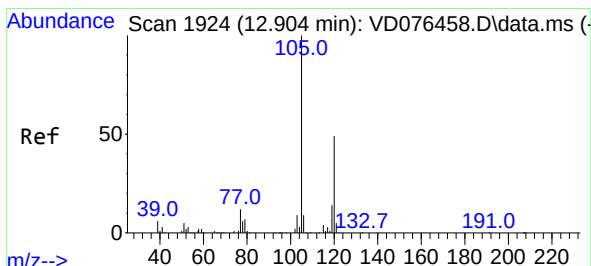
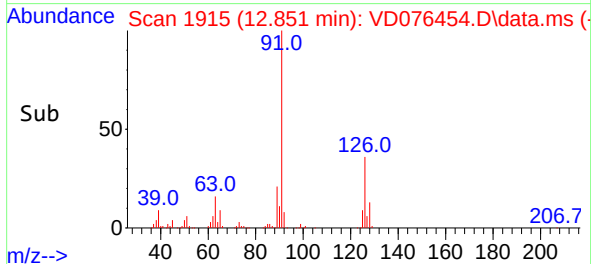
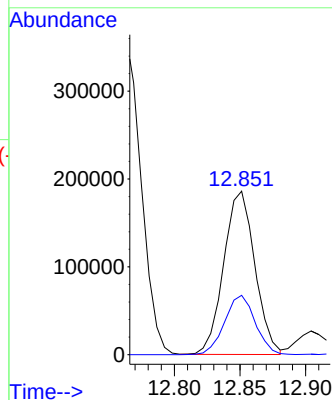
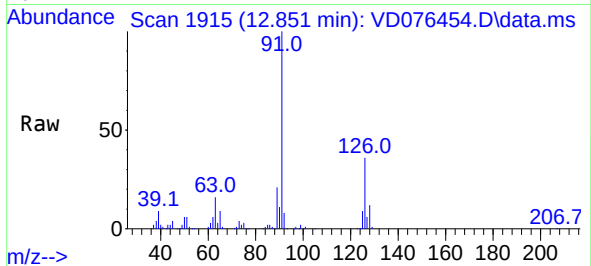




#79
2-Chlorotoluene
Concen: 47.930 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

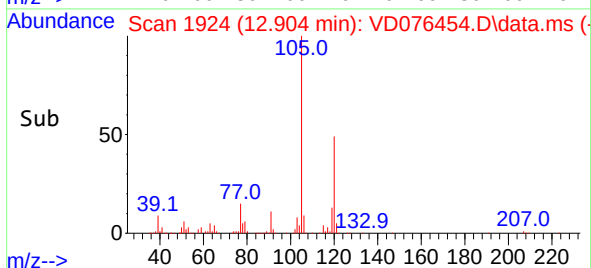
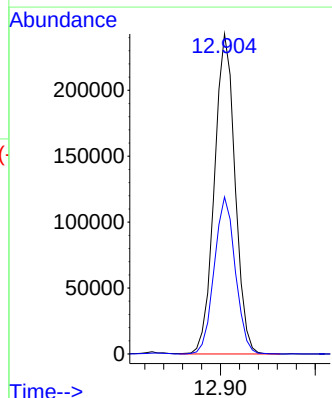
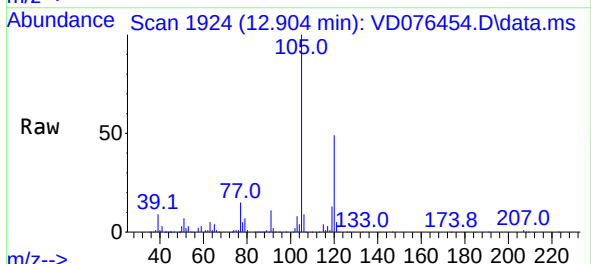
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MSVOA_D
ClientSampleId :
VSTDCCC050

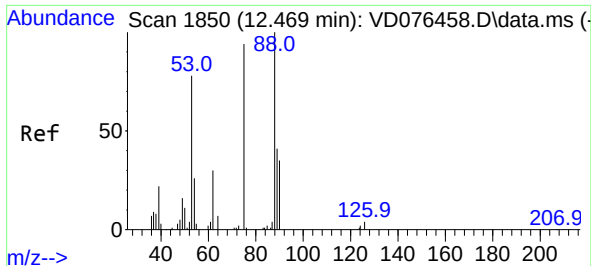
Tgt Ion: 91 Resp: 307012
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 47.628 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 105 Resp: 367443
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

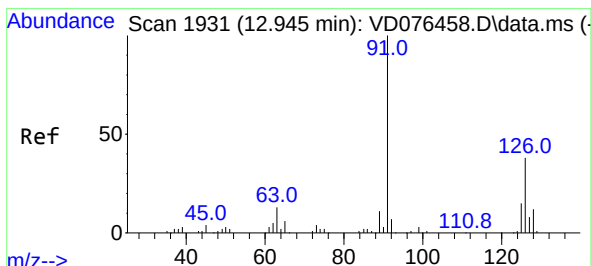
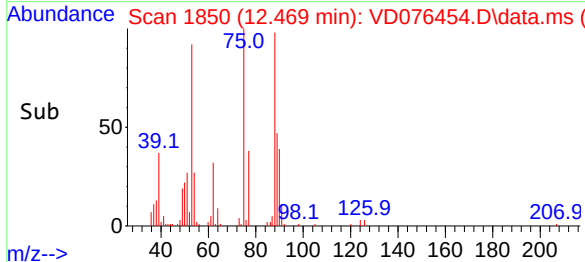
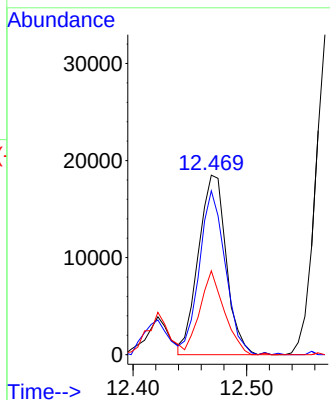
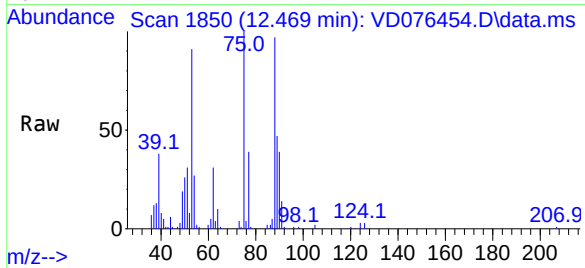




#81
trans-1,4-Dichloro-2-butene
Concen: 49.584 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

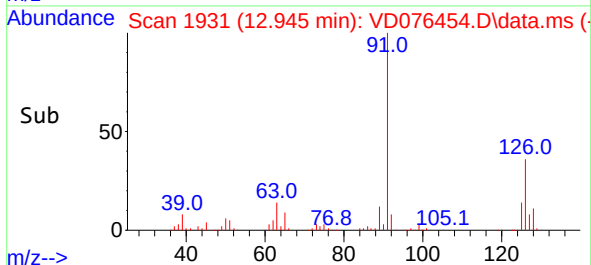
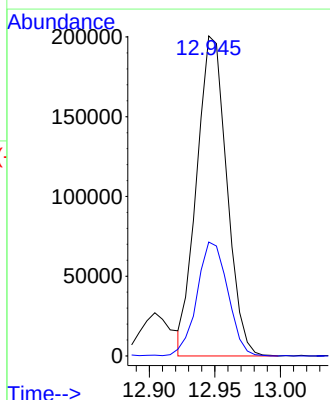
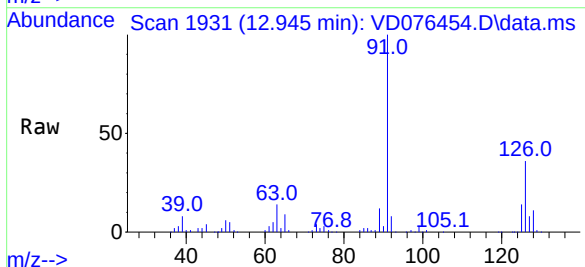
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

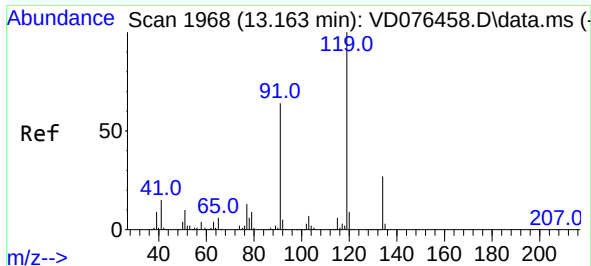
Tgt Ion: 75 Resp: 31512
Ion Ratio Lower Upper
75 100
53 85.0 63.0 94.4
89 40.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.196 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 91 Resp: 320607
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.4

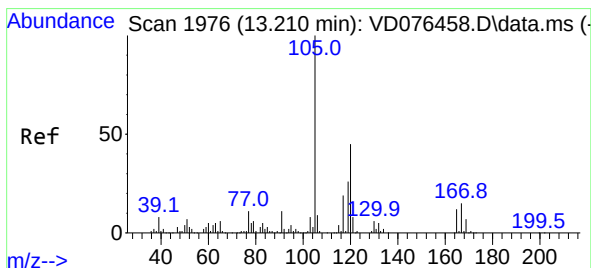
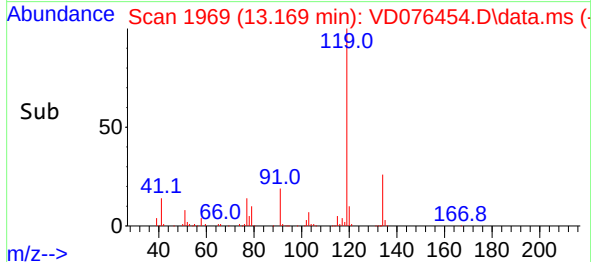
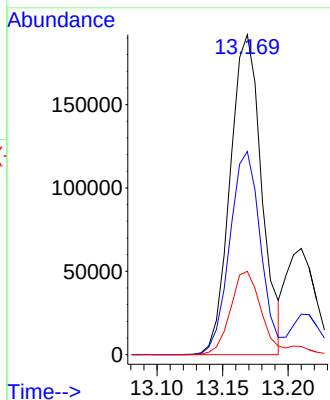
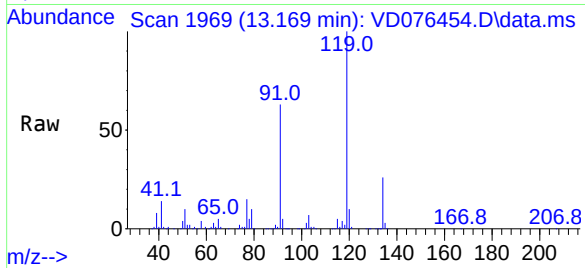




#83
tert-Butylbenzene
Concen: 46.865 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

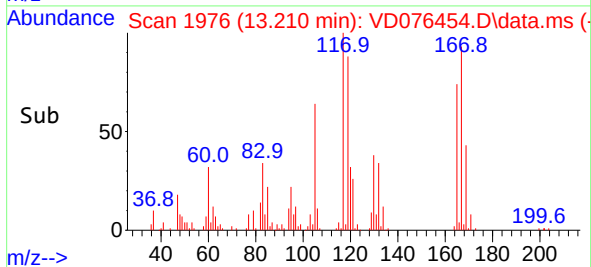
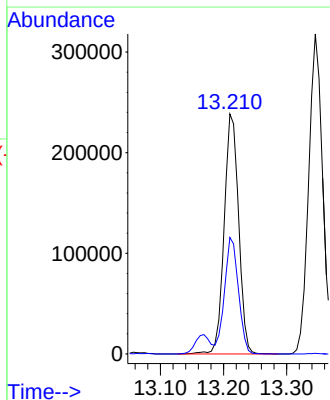
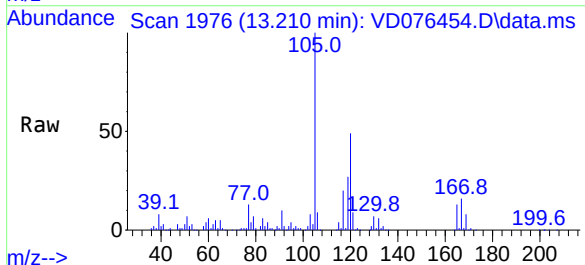
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

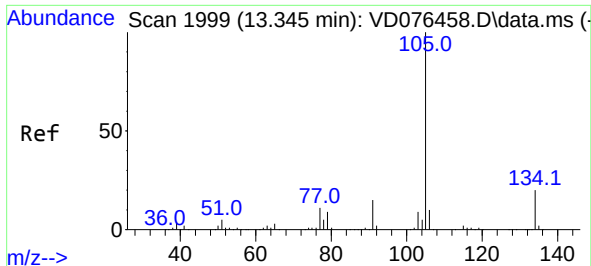
Tgt Ion:119 Resp: 321263
Ion Ratio Lower Upper
119 100
91 62.0 29.3 87.8
134 25.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 48.784 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:105 Resp: 379274
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9

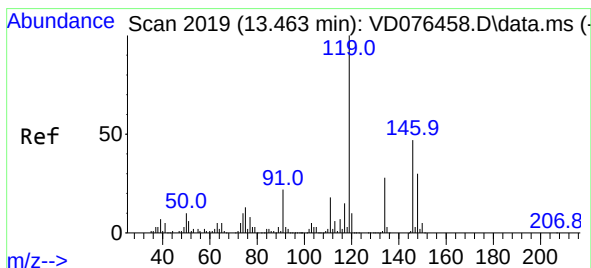
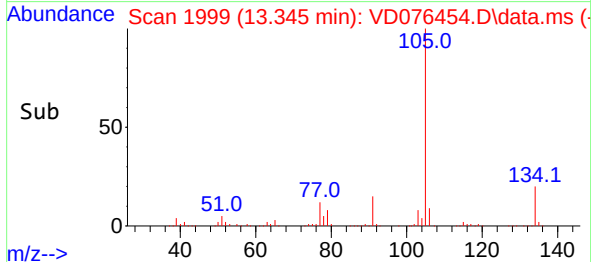
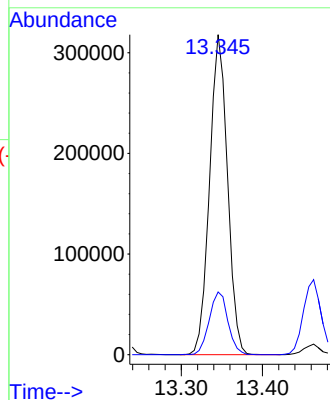
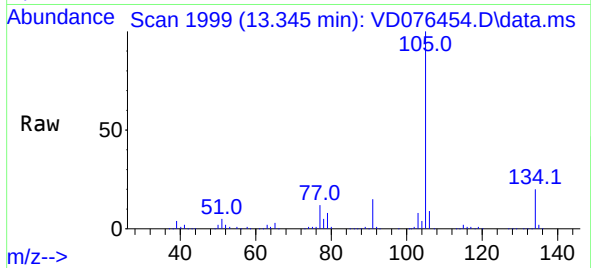




#85
 sec-Butylbenzene
 Concen: 47.826 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 12:07

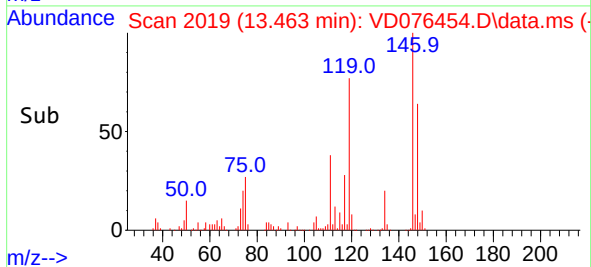
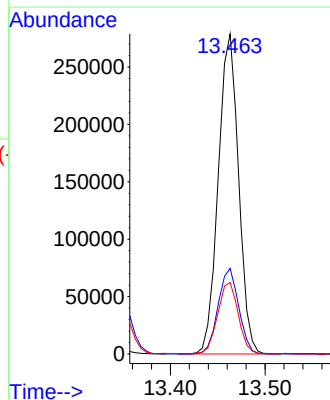
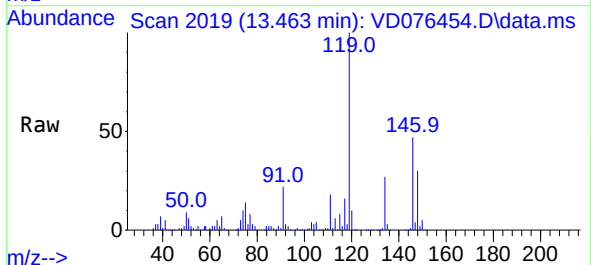
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

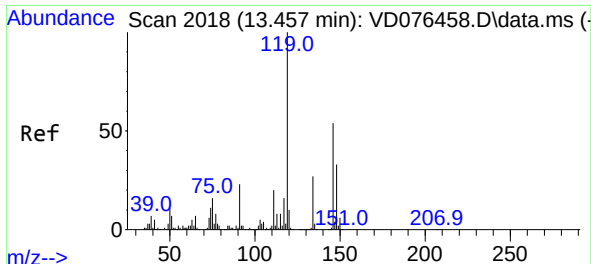
Tgt Ion:105 Resp: 486520
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 48.949 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076454.D
 Acq: 16 Jun 2023 12:07

Tgt Ion:119 Resp: 416076
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 22.4 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 48.328 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

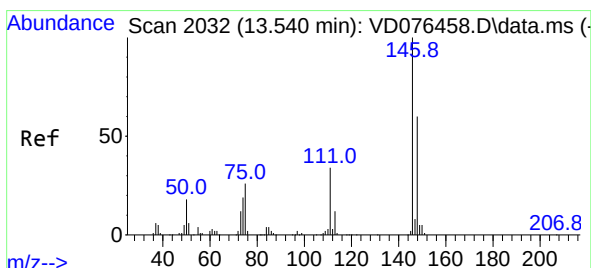
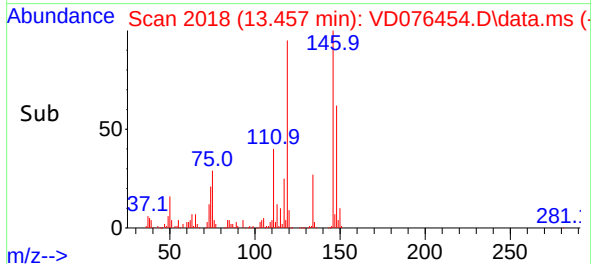
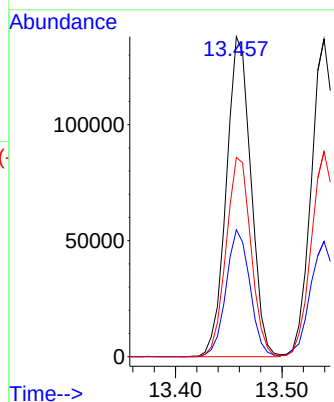
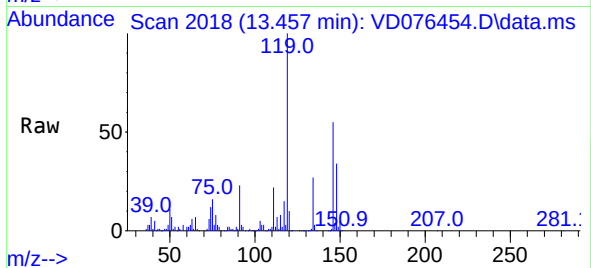
Tgt Ion:146 Resp: 221252

Ion Ratio Lower Upper

146 100

111 38.6 17.9 53.8

148 63.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 47.888 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

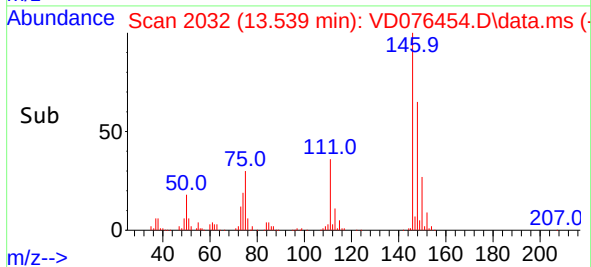
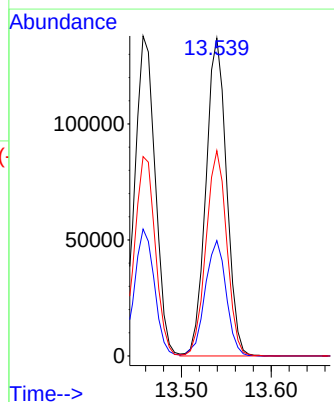
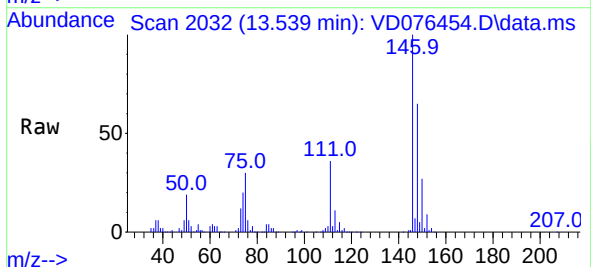
Tgt Ion:146 Resp: 218649

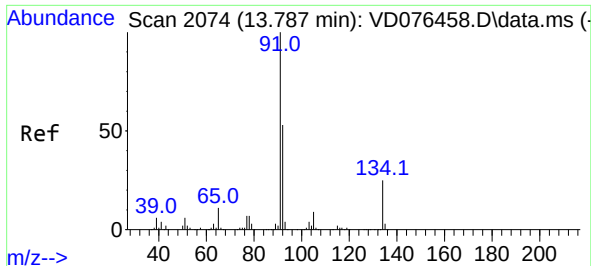
Ion Ratio Lower Upper

146 100

111 37.1 17.4 52.3

148 65.1 31.7 95.1

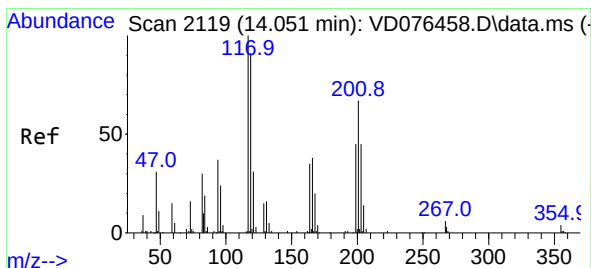
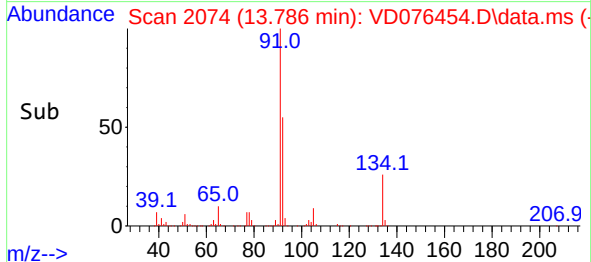
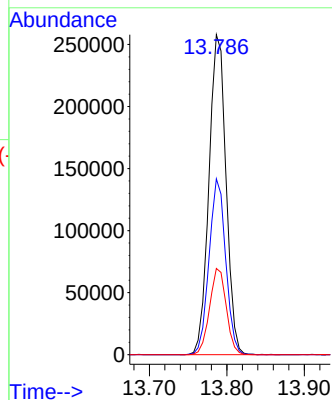
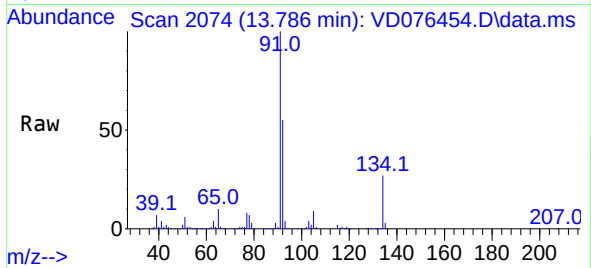




#89
n-Butylbenzene
Concen: 47.572 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

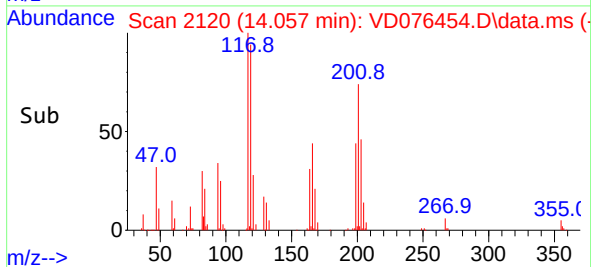
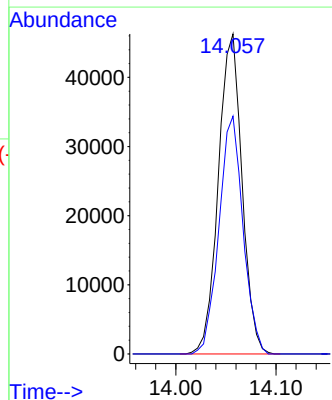
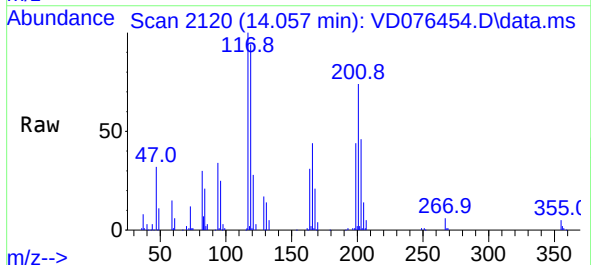
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

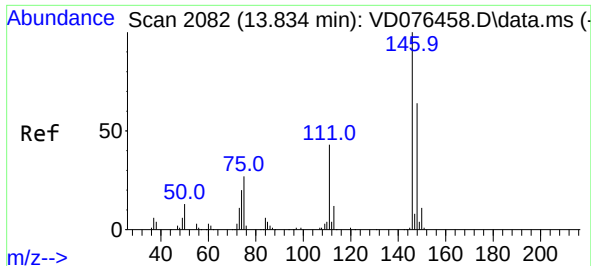
Tgt Ion: 91 Resp: 394414
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.5
134 26.4 13.8 41.3



#90
Hexachloroethane
Concen: 48.293 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion: 117 Resp: 75753
Ion Ratio Lower Upper
117 100
201 75.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 48.066 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

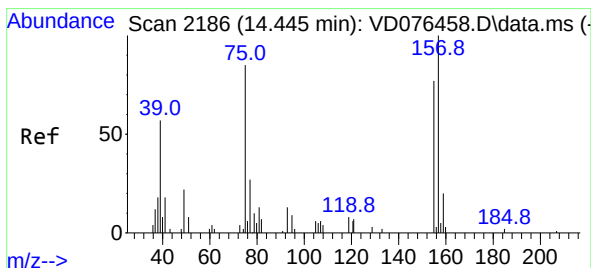
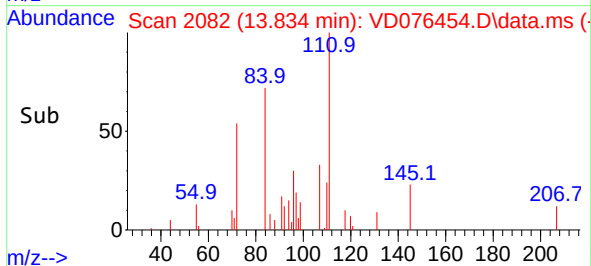
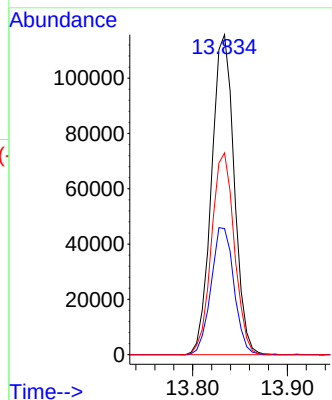
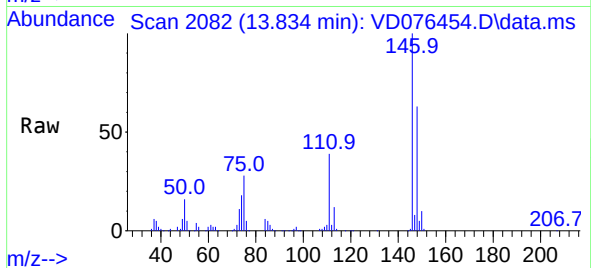
Tgt Ion:146 Resp: 192290

Ion Ratio Lower Upper

146 100

111 40.2 18.3 54.8

148 63.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.043 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076454.D

Acq: 16 Jun 2023 12:07

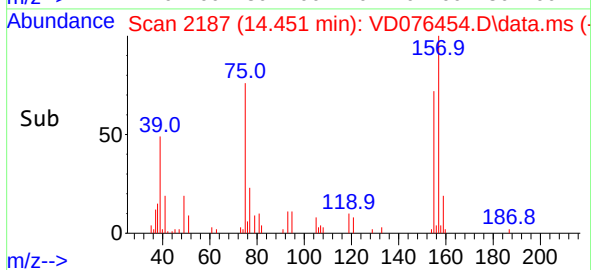
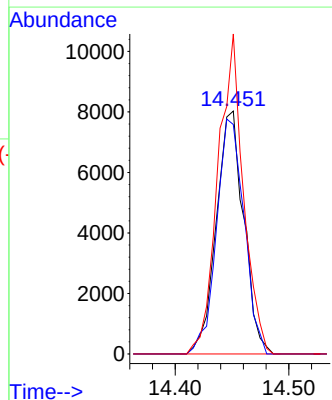
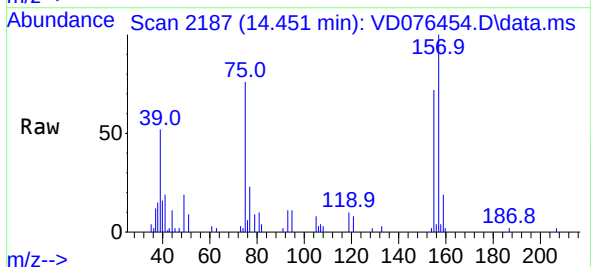
Tgt Ion: 75 Resp: 13510

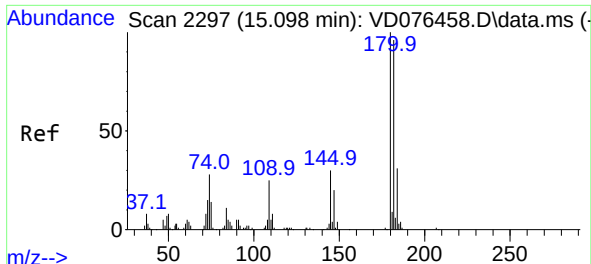
Ion Ratio Lower Upper

75 100

155 96.8 47.9 143.8

157 121.7 59.9 179.7

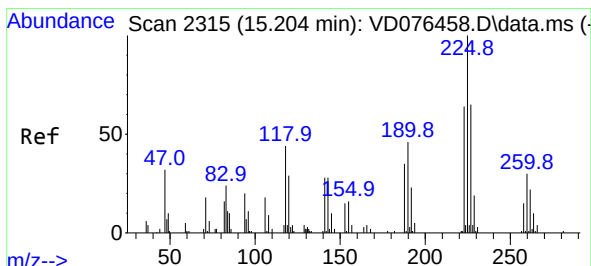
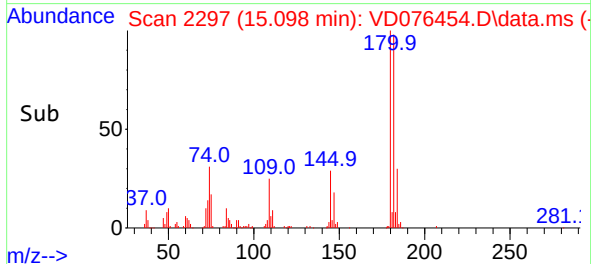
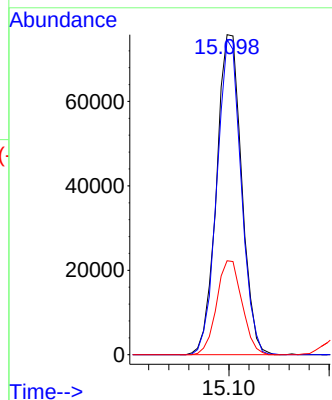
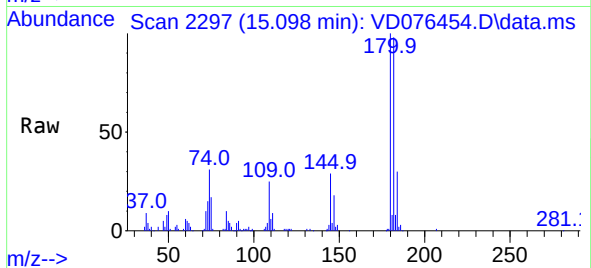




#93
1,2,4-Trichlorobenzene
Concen: 49.381 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

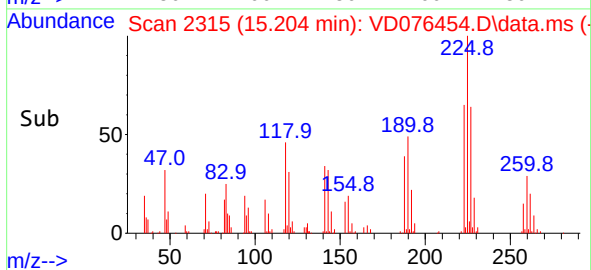
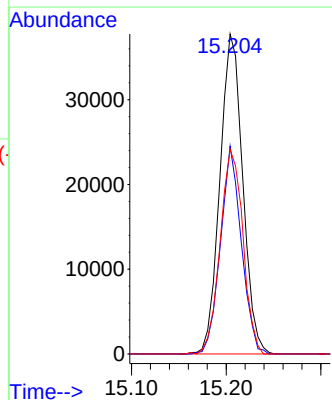
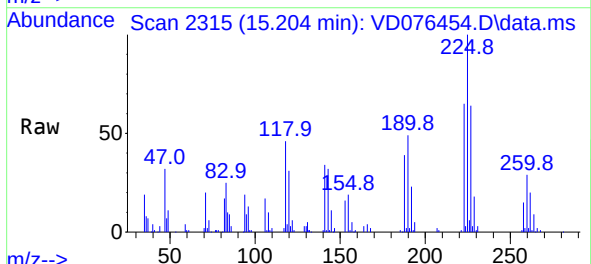
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

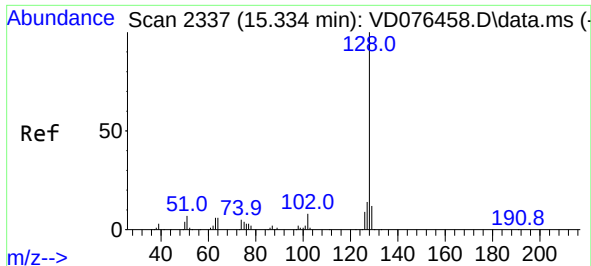
Tgt Ion:180 Resp: 131657
Ion Ratio Lower Upper
180 100
182 95.0 48.5 145.6
145 29.6 14.2 42.6



#94
Hexachlorobutadiene
Concen: 48.748 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:225 Resp: 63187
Ion Ratio Lower Upper
225 100
223 59.3 31.6 94.8
227 63.9 31.7 95.1

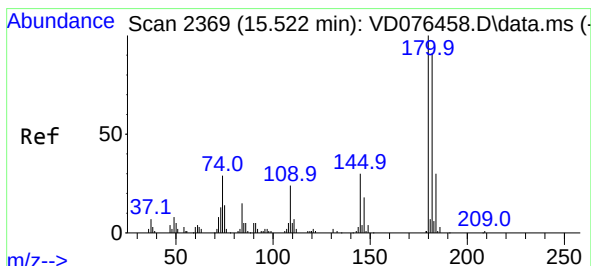
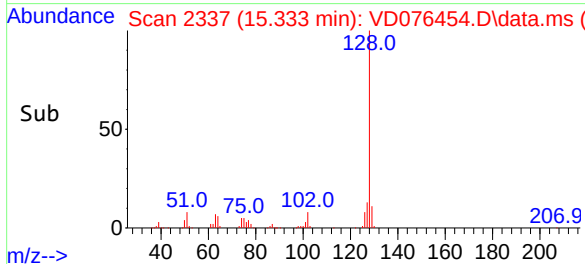
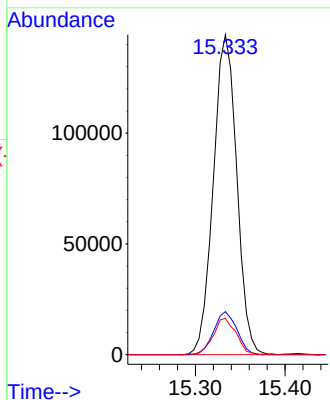
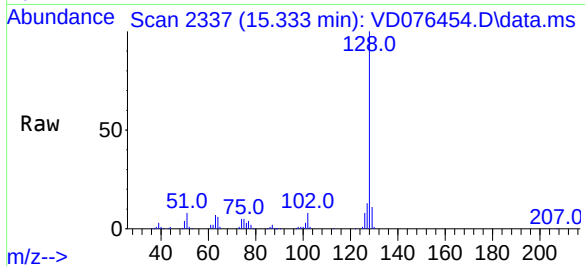




#95
Naphthalene
Concen: 49.053 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 261519
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.760 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076454.D
Acq: 16 Jun 2023 12:07

Tgt Ion:180 Resp: 113263
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 30.8 15.1 45.3

