

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076887.D
 Acq On : 01 Aug 2023 10:37
 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: Aug 02 01:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83007	49.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.740%
35) Dibromofluoromethane	7.804	113	99061	52.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.100%
50) Toluene-d8	10.269	98	319314	46.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.575	95	105592	47.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	60145	46.022	ug/l	98
3) Chloromethane	2.146	50	93529	41.487	ug/l	97
4) Vinyl Chloride	2.281	62	137604	45.788	ug/l	97
5) Bromomethane	2.687	94	123212	49.831	ug/l	99
6) Chloroethane	2.834	64	108018	47.606	ug/l	91
7) Trichlorofluoromethane	3.175	101	137223	51.316	ug/l	95
8) Diethyl Ether	3.587	74	48246	52.403	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	90294	51.369	ug/l	95
10) Methyl Iodide	4.158	142	98577	49.750	ug/l	91
11) Tert butyl alcohol	5.052	59	33920	273.075	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	81687	49.464	ug/l	94
13) Acrolein	3.793	56	21806	257.607	ug/l	98
14) Allyl chloride	4.558	41	107903	49.738	ug/l	91
15) Acrylonitrile	5.252	53	116996	258.733	ug/l	98
16) Acetone	4.022	43	117196	294.800	ug/l	87
17) Carbon Disulfide	4.263	76	167911	43.532	ug/l	97
18) Methyl Acetate	4.563	43	81134	54.320	ug/l	96
19) Methyl tert-butyl Ether	5.310	73	240274	54.254	ug/l	100
20) Methylene Chloride	4.799	84	134873	58.785	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	94905	49.439	ug/l	98
22) Diisopropyl ether	6.216	45	281040	54.707	ug/l	98
23) Vinyl Acetate	6.152	43	673931	265.139	ug/l	94
24) 1,1-Dichloroethane	6.110	63	181941	52.528	ug/l	98
25) 2-Butanone	7.081	43	153038	287.637	ug/l	89
26) 2,2-Dichloropropane	7.069	77	156210	52.318	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	124283	52.519	ug/l	96
28) Bromochloromethane	7.422	49	41592	48.030	ug/l	87
29) Tetrahydrofuran	7.446	42	83889	266.860	ug/l	93
30) Chloroform	7.593	83	207702	54.750	ug/l	96
31) Cyclohexane	7.875	56	111373	45.462	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	162553	53.108	ug/l	98
36) 1,1-Dichloropropene	8.004	75	126228	50.761	ug/l	98
37) Ethyl Acetate	7.163	43	61585	55.378	ug/l	96
38) Carbon Tetrachloride	7.987	117	129725	54.481	ug/l	100
39) Methylcyclohexane	9.269	83	136066	47.388	ug/l	93
40) Benzene	8.251	78	401673	51.193	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31123	45.829	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	112555	55.210	ug/l	98
43) Isopropyl Acetate	8.357	43	117849	54.299	ug/l	93
44) Trichloroethene	9.022	130	108589	50.787	ug/l	92
45) 1,2-Dichloropropane	9.304	63	109499	54.063	ug/l	99
46) Dibromomethane	9.393	93	63114	53.236	ug/l	90
47) Bromodichloromethane	9.581	83	161748	54.367	ug/l	100
48) Methyl methacrylate	9.381	41	50960	51.589	ug/l #	84
49) 1,4-Dioxane	9.387	88	14689	967.059	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	323783	280.194	ug/l	93
52) Toluene	10.334	92	263867	51.204	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	150470	54.490	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	174652	53.665	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	95822	55.350	ug/l	95
56) Ethyl methacrylate	10.598	69	108834	54.467	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	149350	52.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	186425	241.034	ug/l	96
59) 2-Hexanone	10.922	43	237054	287.496	ug/l	91
60) Dibromochloromethane	11.075	129	110203	54.796	ug/l	93
61) 1,2-Dibromoethane	11.181	107	85256	53.118	ug/l	98
64) Tetrachloroethene	10.810	164	83672	51.583	ug/l	94
65) Chlorobenzene	11.604	112	300231	52.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	112900	53.003	ug/l	99
67) Ethyl Benzene	11.681	91	513018	51.058	ug/l	99
68) m/p-Xylenes	11.792	106	399210	103.452	ug/l	93
69) o-Xylene	12.122	106	191188	51.234	ug/l	92
70) Styrene	12.134	104	347233	53.155	ug/l	98
71) Bromoform	12.298	173	65495	56.142	ug/l #	95
73) Isopropylbenzene	12.422	105	500164	50.902	ug/l	96
74) N-amyl acetate	12.234	43	112147	54.176	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	115688	54.836	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	128467	99.745	ug/l #	100
77) Bromobenzene	12.698	156	116799	51.497	ug/l	88
78) n-propylbenzene	12.763	91	625085	52.474	ug/l	96
79) 2-Chlorotoluene	12.851	91	335845	51.419	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	413780	52.079	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32574	53.826	ug/l	96
82) 4-Chlorotoluene	12.945	91	353634	51.827	ug/l	95
83) tert-Butylbenzene	13.169	119	372443	53.239	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	416950	51.354	ug/l	95
85) sec-Butylbenzene	13.345	105	551788	51.626	ug/l	95
86) p-Isopropyltoluene	13.457	119	463030	52.456	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	248809	53.335	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	244781	53.556	ug/l	98
89) n-Butylbenzene	13.786	91	443190	51.310	ug/l	97
90) Hexachloroethane	14.051	117	90613	55.526	ug/l	86
91) 1,2-Dichlorobenzene	13.833	146	220529	53.648	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15480	51.462	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	131836	52.533	ug/l	97
94) Hexachlorobutadiene	15.204	225	59675	49.443	ug/l	100
95) Naphthalene	15.333	128	285406	52.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	119238	52.946	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

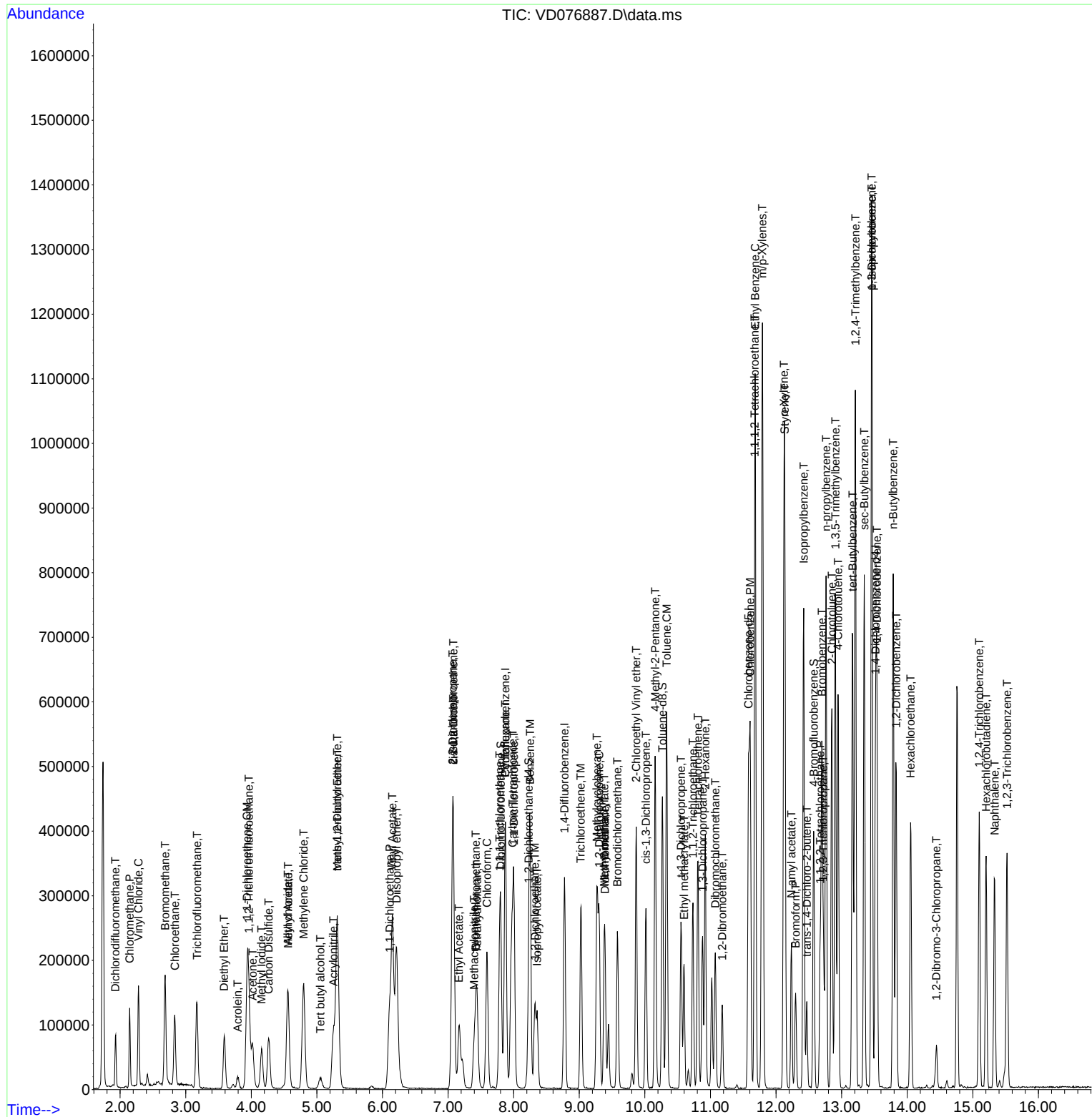
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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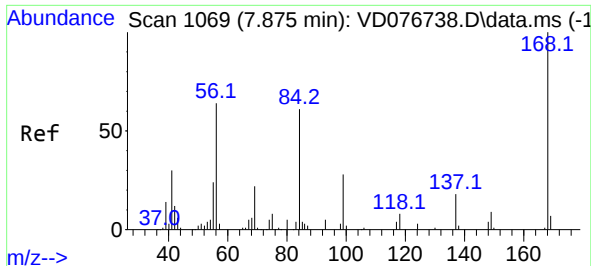
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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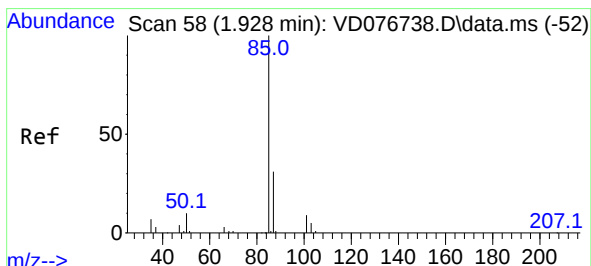
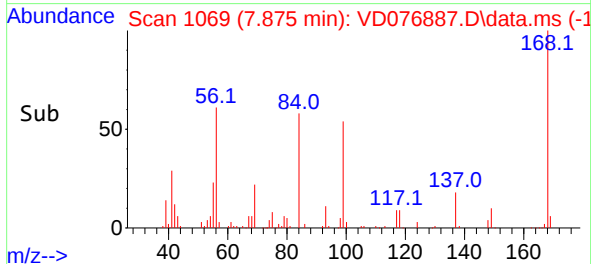
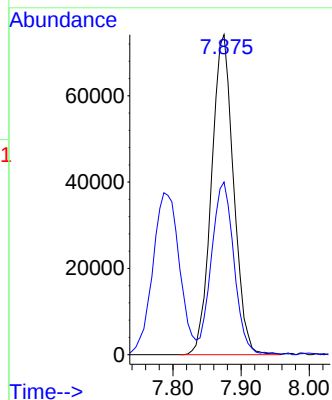
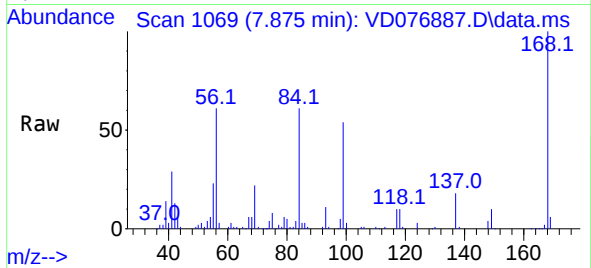




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076887.D
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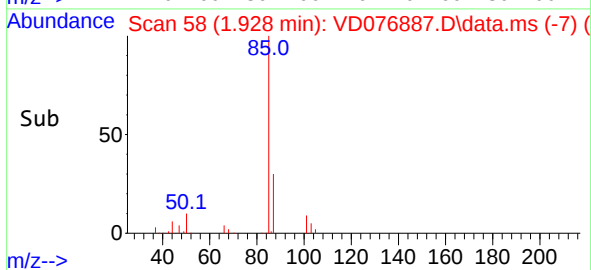
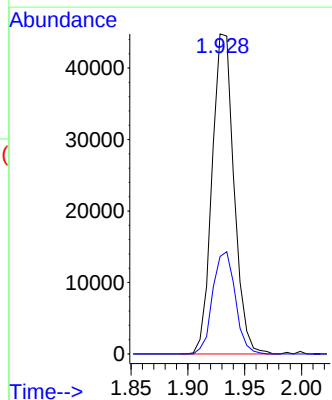
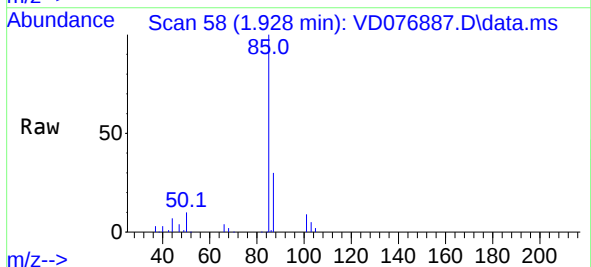
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 167124
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1

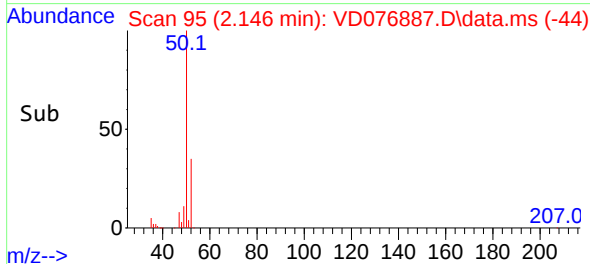
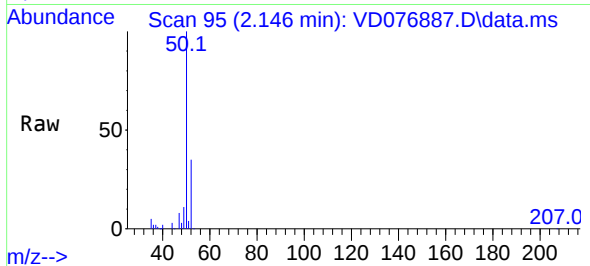
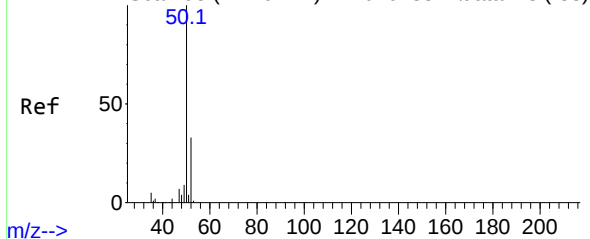


#2
Dichlorodifluoromethane
Concen: 46.022 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 85 Resp: 60145
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0



Abundance Scan 95 (2.146 min): VD076738.D\data.ms (-88)



#3

Chloromethane

Concen: 41.487 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

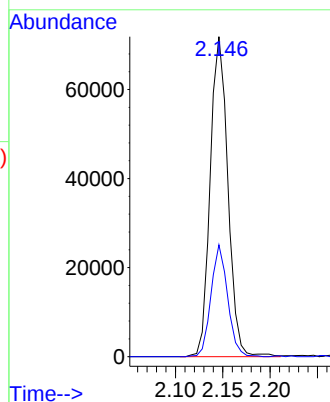
VSTDCCC050

Tgt Ion: 50 Resp: 93529

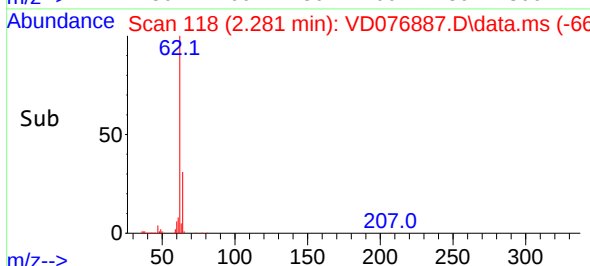
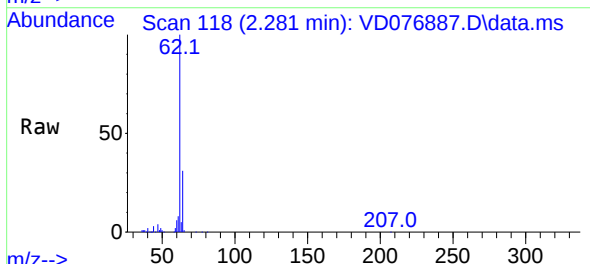
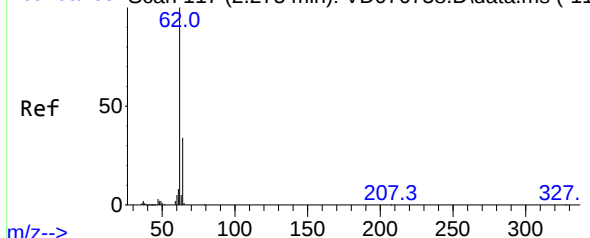
Ion Ratio Lower Upper

50 100

52 34.9 26.6 40.0



Abundance Scan 117 (2.275 min): VD076738.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 45.788 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076887.D

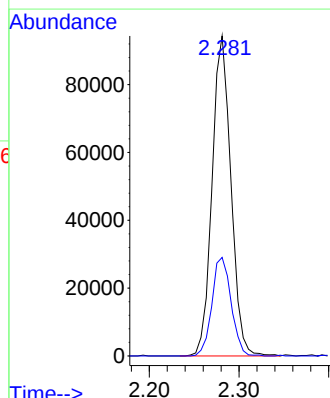
Acq: 01 Aug 2023 10:37

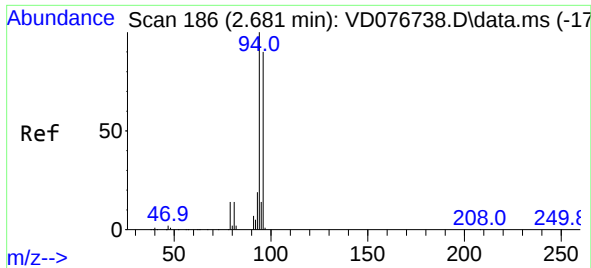
Tgt Ion: 62 Resp: 137604

Ion Ratio Lower Upper

62 100

64 30.8 26.0 39.0

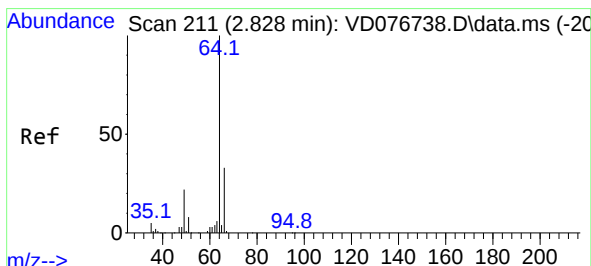
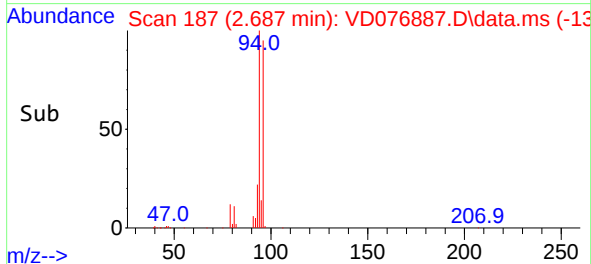
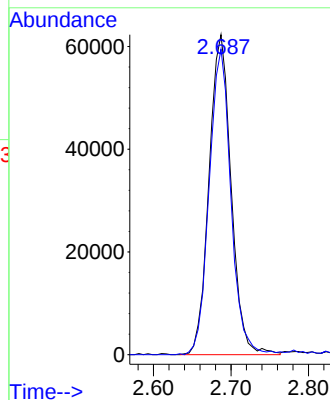
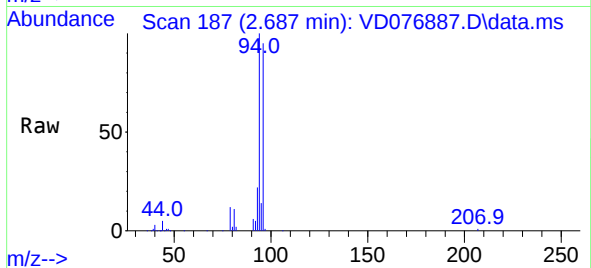




#5
Bromomethane
Concen: 49.831 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

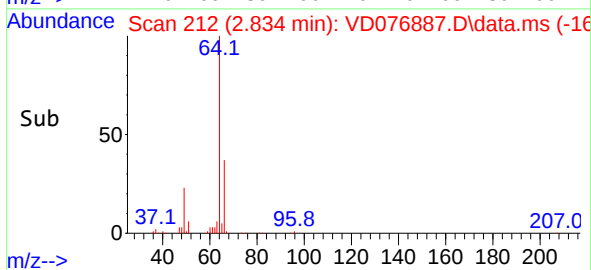
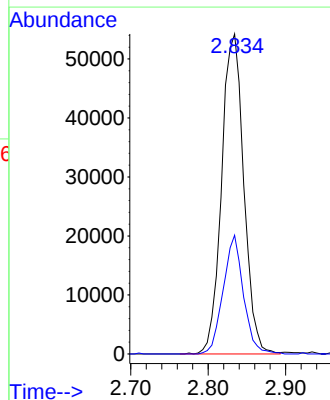
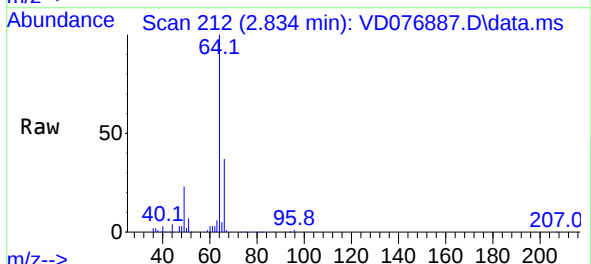
Instrument :
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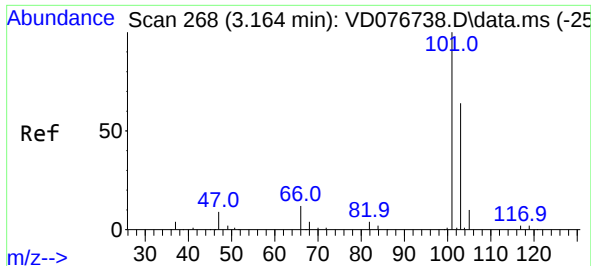
Tgt Ion: 94 Resp: 123212
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 47.606 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 64 Resp: 108018
Ion Ratio Lower Upper
64 100
66 37.1 25.5 38.3

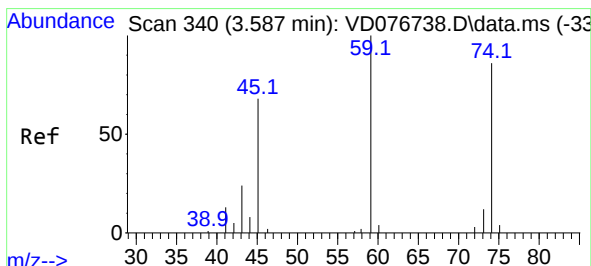
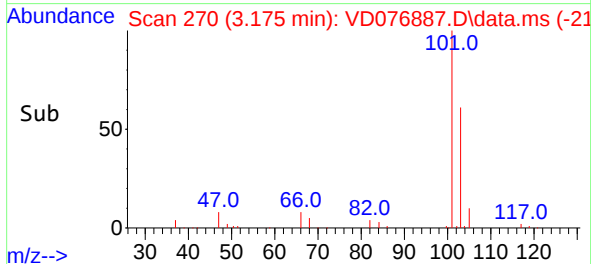
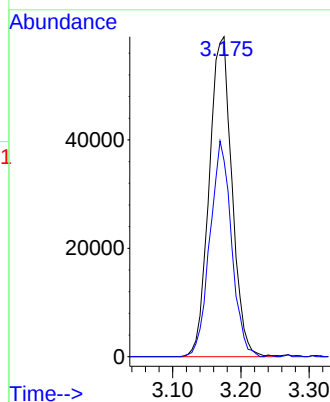
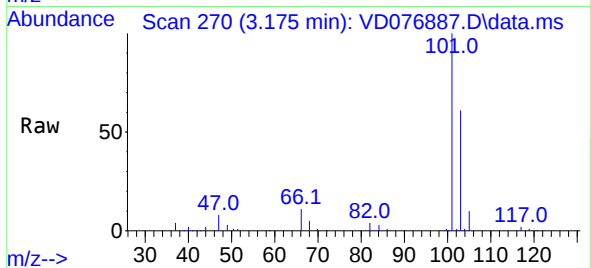




#7
Trichlorofluoromethane
Concen: 51.316 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

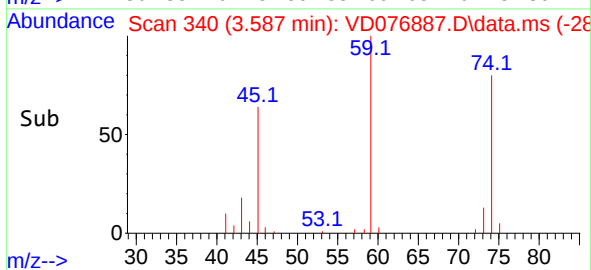
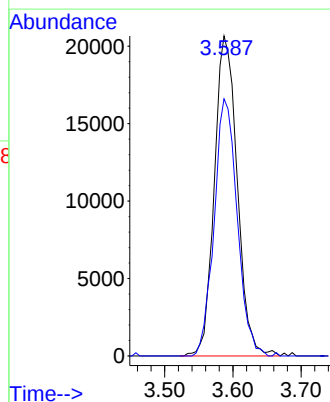
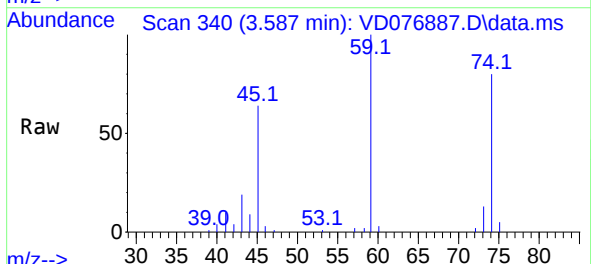
Instrument :
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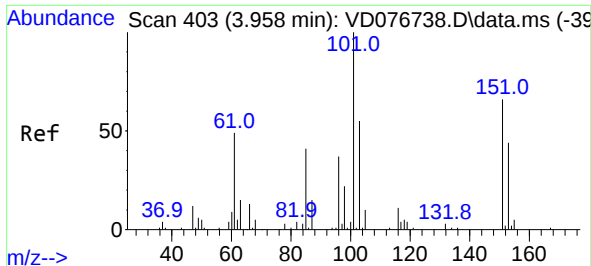
Tgt Ion:101 Resp: 137223
Ion Ratio Lower Upper
101 100
103 61.3 52.3 78.5



#8
Diethyl Ether
Concen: 52.403 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 74 Resp: 48246
Ion Ratio Lower Upper
74 100
45 81.0 37.5 112.7



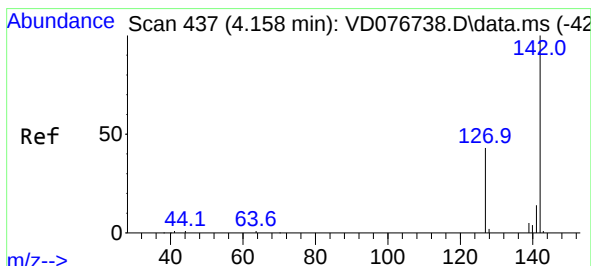
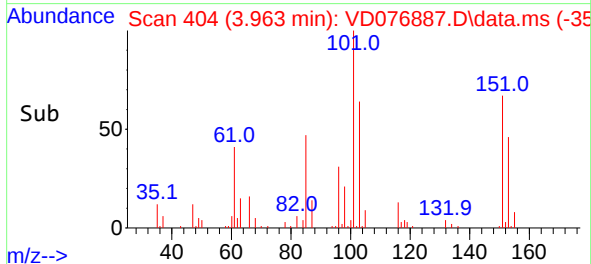
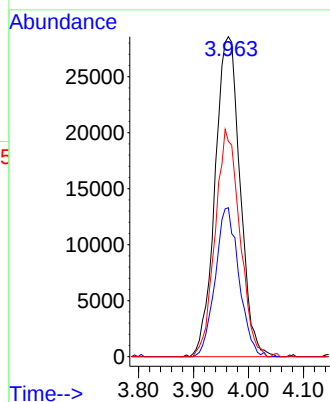
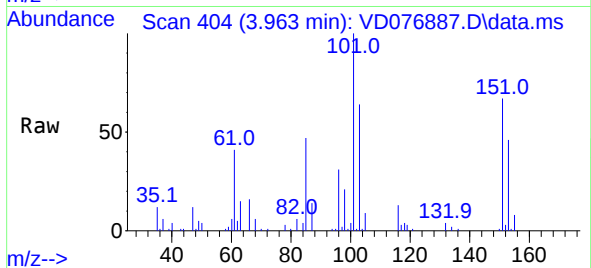


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.369 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.005 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 90294

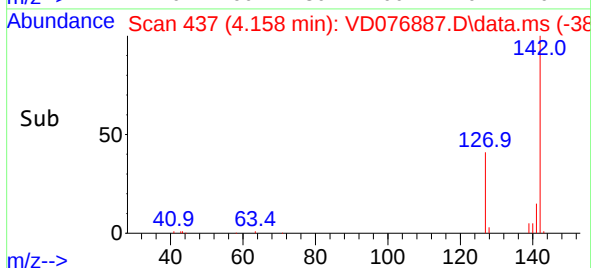
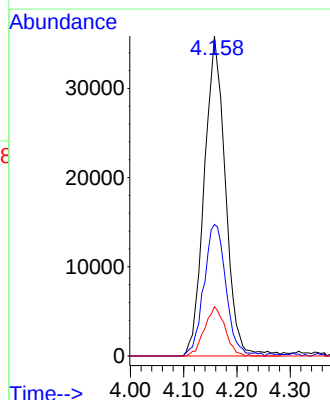
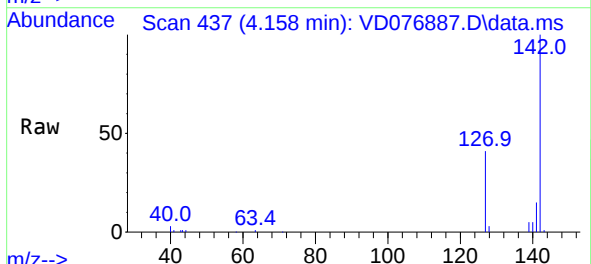
Ion	Ratio	Lower	Upper
101	100		
85	44.1	33.8	50.6
151	69.8	59.8	89.6

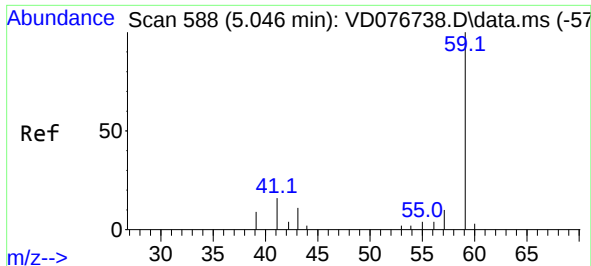


#10
Methyl Iodide
Concen: 49.750 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:142 Resp: 98577

Ion	Ratio	Lower	Upper
142	100		
127	43.2	29.4	44.0
141	15.0	11.1	16.7





#11

Tert butyl alcohol

Concen: 273.075 ug/l

RT: 5.052 min Scan# 588

Delta R.T. 0.006 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

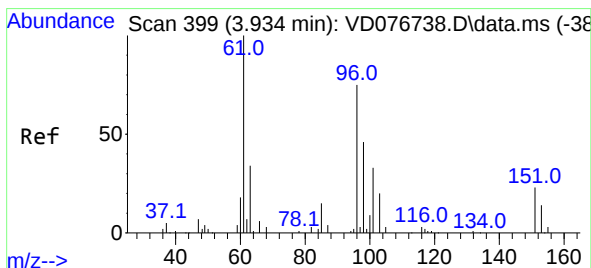
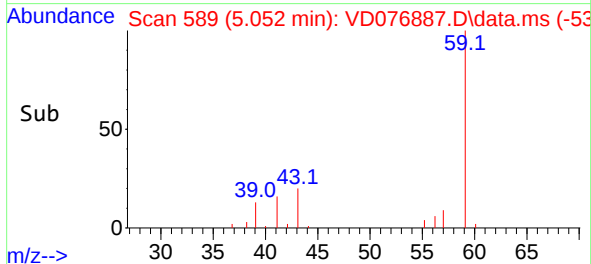
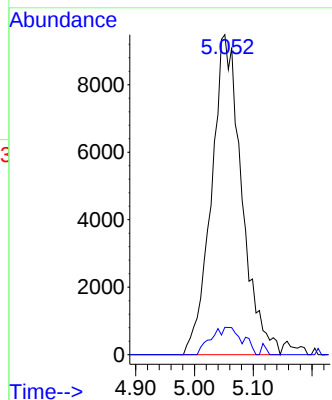
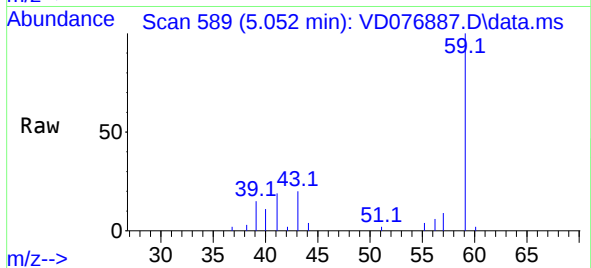
VSTDCCC050

Tgt Ion: 59 Resp: 33920

Ion Ratio Lower Upper

59 100

57 7.6 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 49.464 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

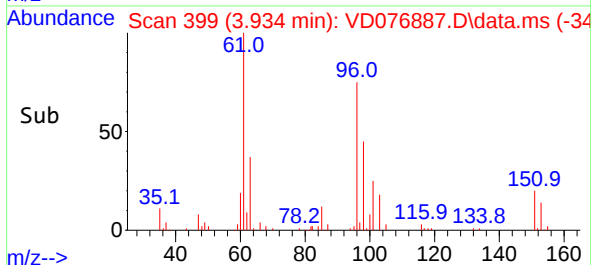
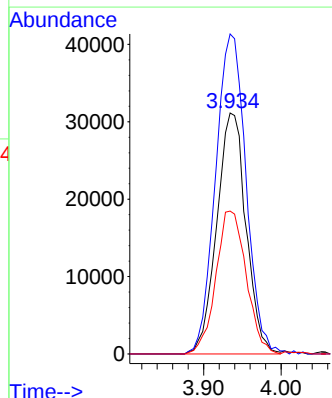
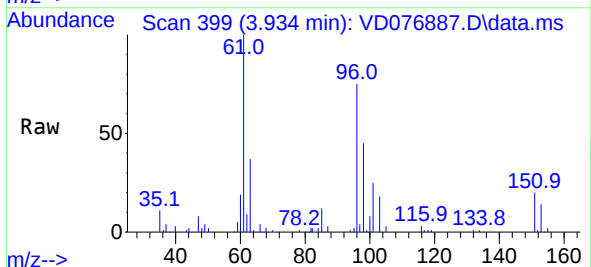
Tgt Ion: 96 Resp: 81687

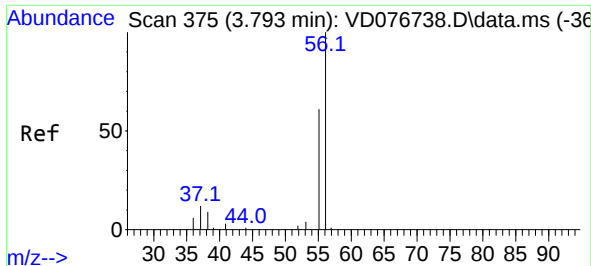
Ion Ratio Lower Upper

96 100

61 132.8 100.6 150.8

98 59.3 50.2 75.2





#13

Acrolein

Concen: 257.607 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

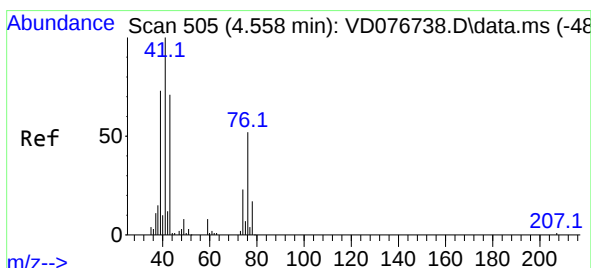
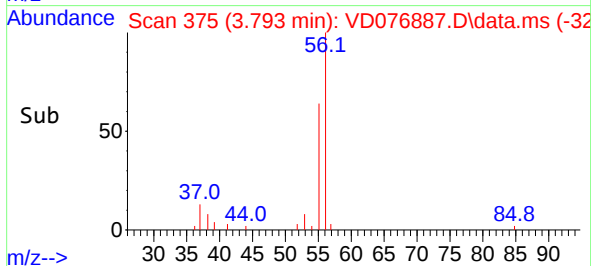
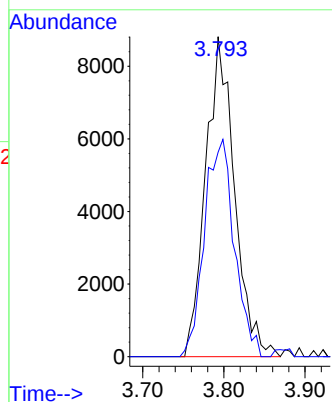
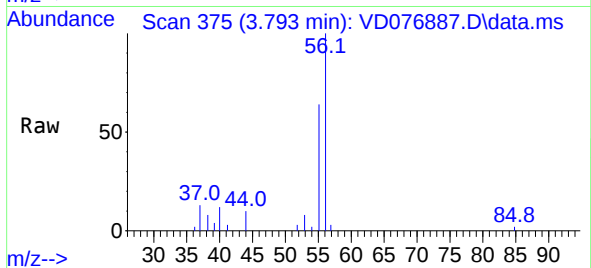
VSTDCCC050

Tgt Ion: 56 Resp: 21806

Ion Ratio Lower Upper

56 100

55 70.3 55.1 82.7



#14

Allyl chloride

Concen: 49.738 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

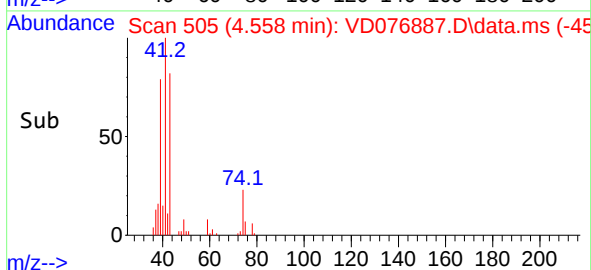
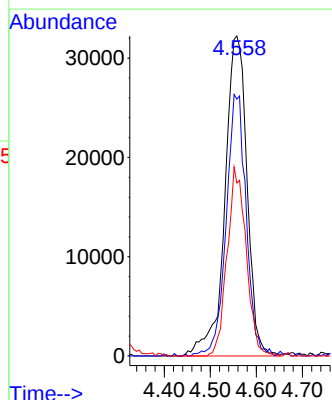
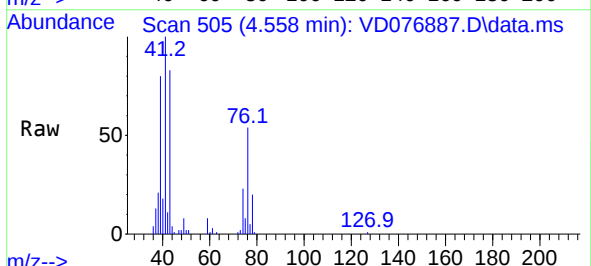
Tgt Ion: 41 Resp: 107903

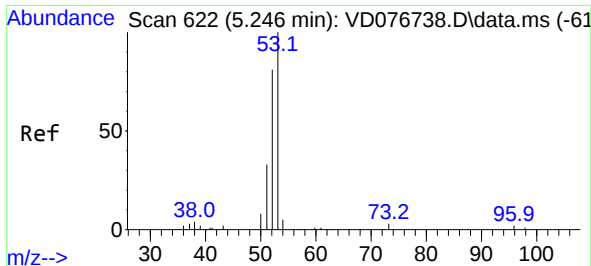
Ion Ratio Lower Upper

41 100

39 73.6 53.8 80.6

76 50.4 45.8 68.8

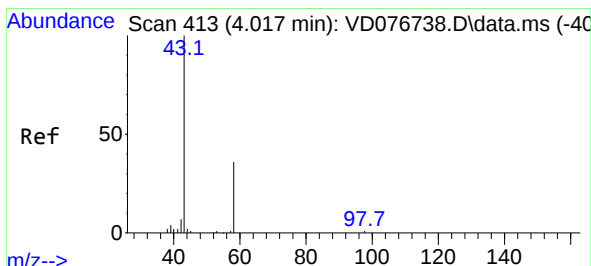
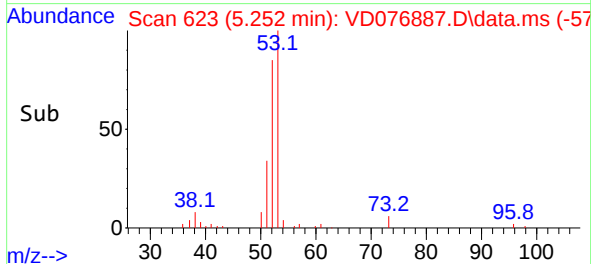
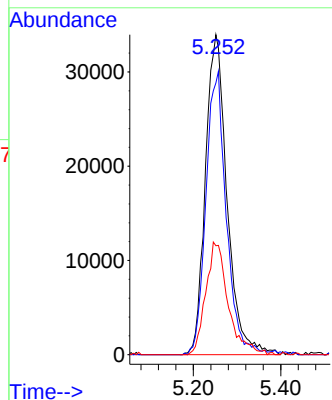
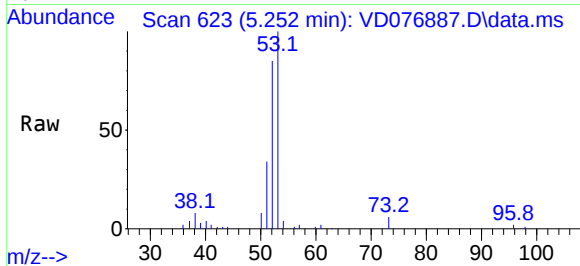




#15
Acrylonitrile
Concen: 258.733 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

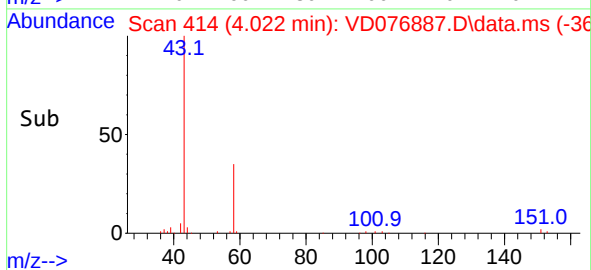
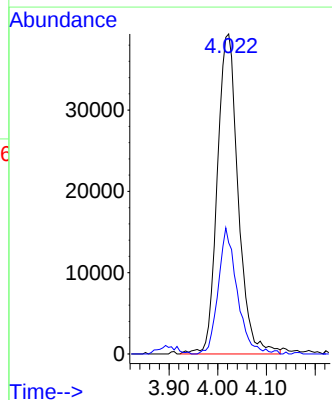
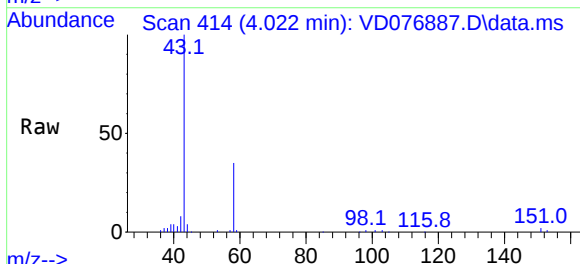
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

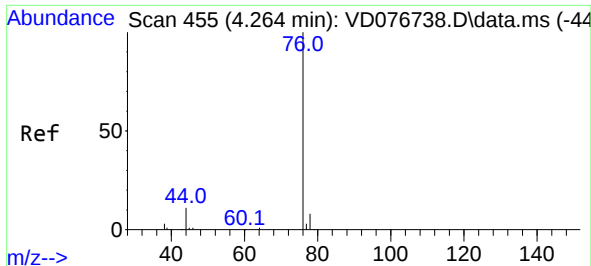
Tgt Ion: 53 Resp: 116996
Ion Ratio Lower Upper
53 100
52 83.5 65.0 97.4
51 36.6 28.3 42.5



#16
Acetone
Concen: 294.800 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 43 Resp: 117196
Ion Ratio Lower Upper
43 100
58 34.7 34.7 52.1

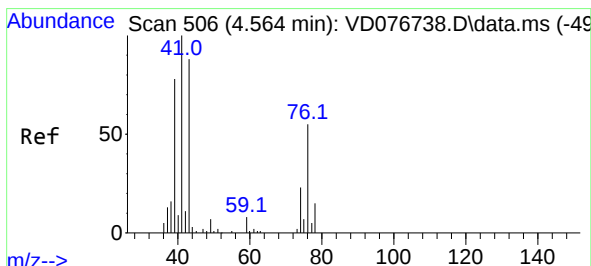
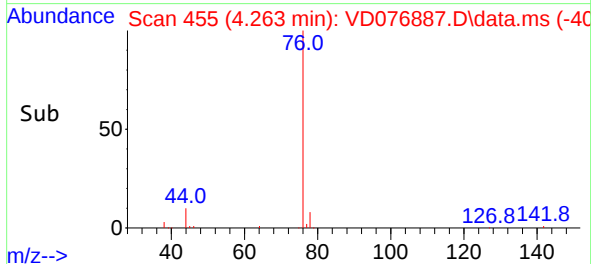
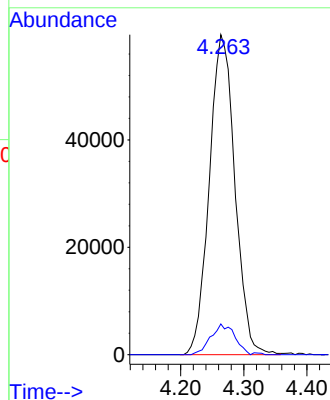
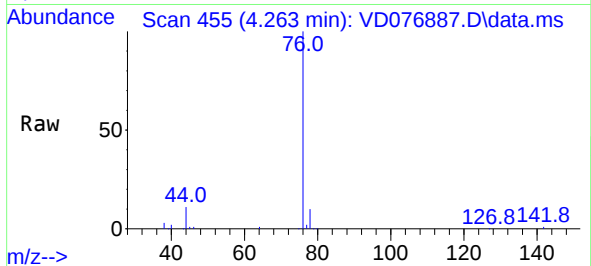




#17
Carbon Disulfide
Concen: 43.532 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

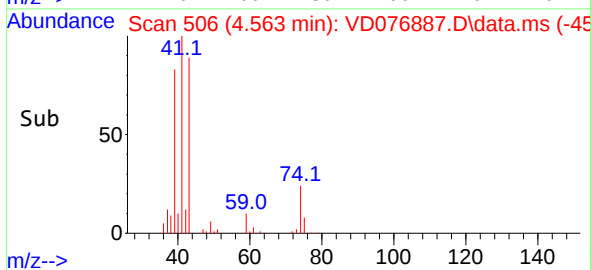
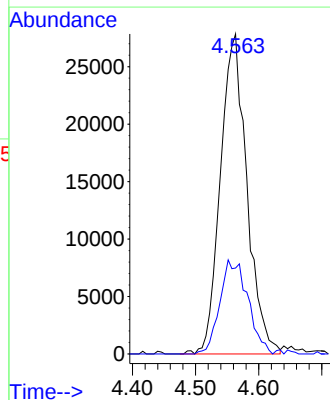
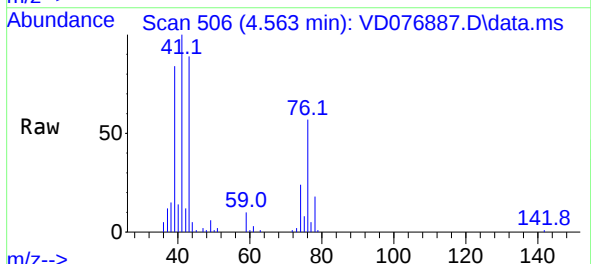
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

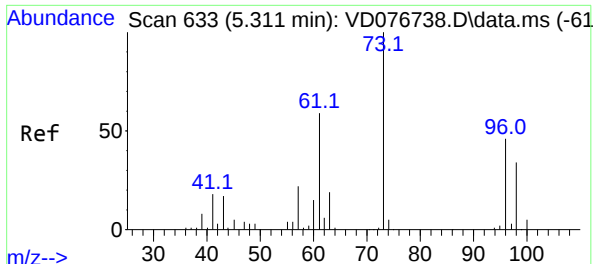
Tgt Ion: 76 Resp: 167911
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 54.320 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 43 Resp: 81134
Ion Ratio Lower Upper
43 100
74 31.0 26.4 39.6

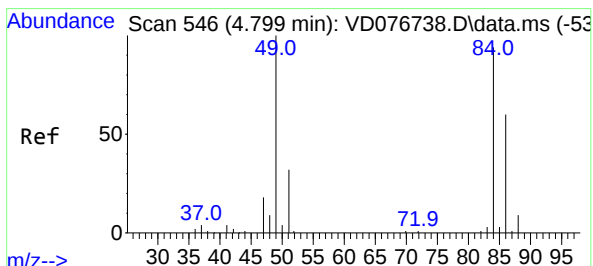
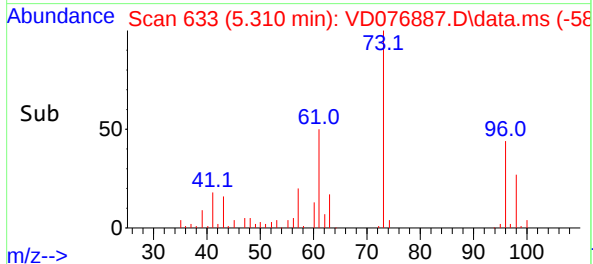
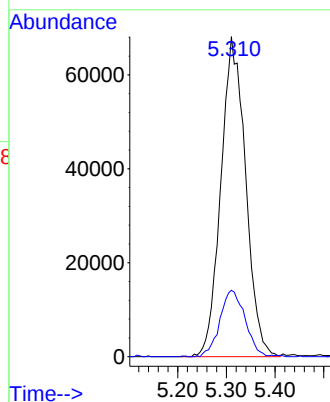
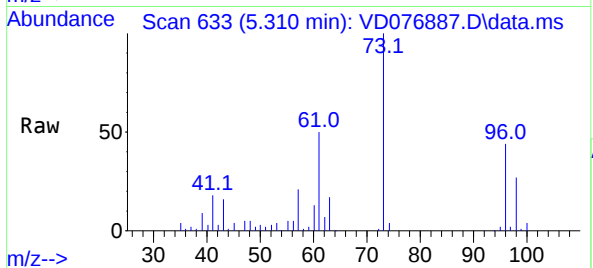




#19
Methyl tert-butyl Ether
Concen: 54.254 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

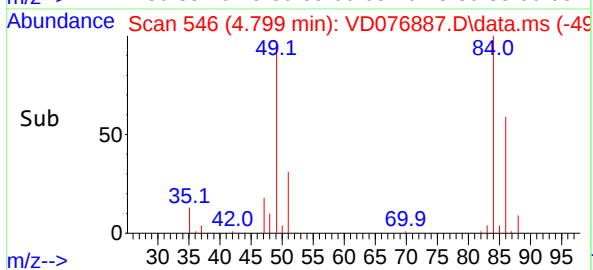
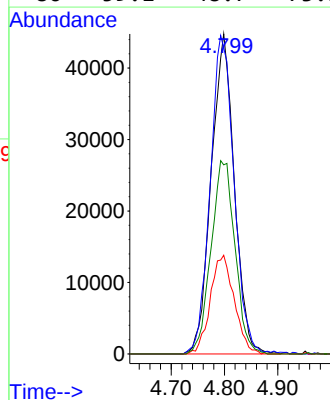
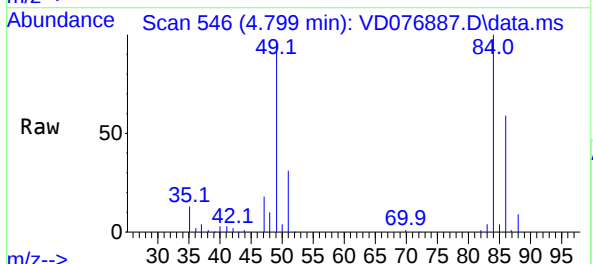
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

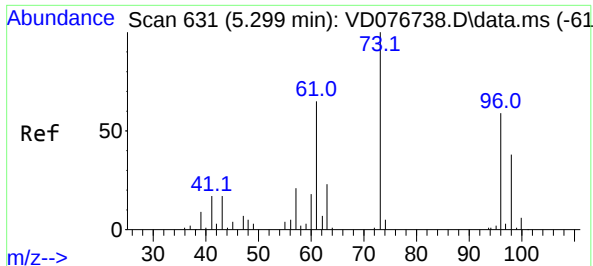
Tgt Ion: 73 Resp: 240274
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0



#20
Methylene Chloride
Concen: 58.785 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 84 Resp: 134873
Ion Ratio Lower Upper
84 100
49 95.6 71.4 107.2
51 30.9 24.5 36.7
86 59.1 48.7 73.1

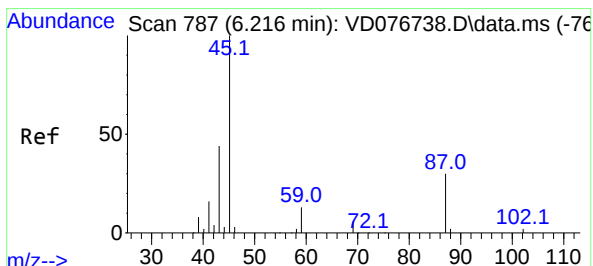
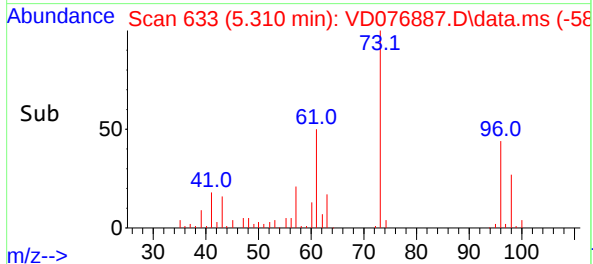
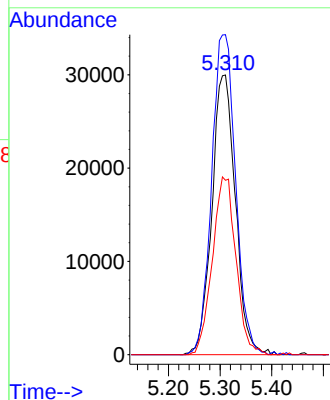
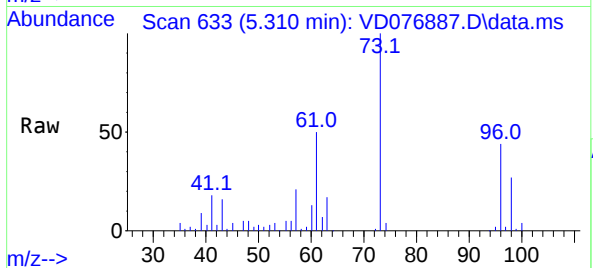




#21
trans-1,2-Dichloroethene
Concen: 49.439 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.011 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

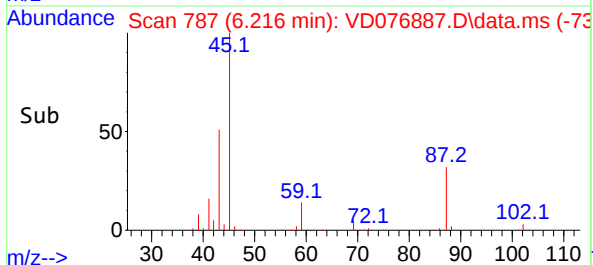
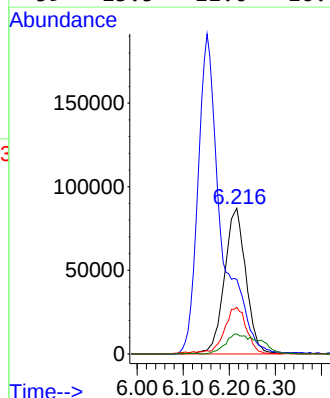
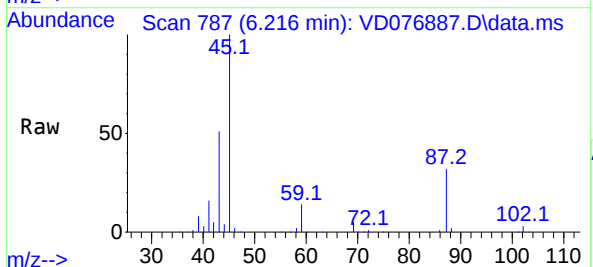
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

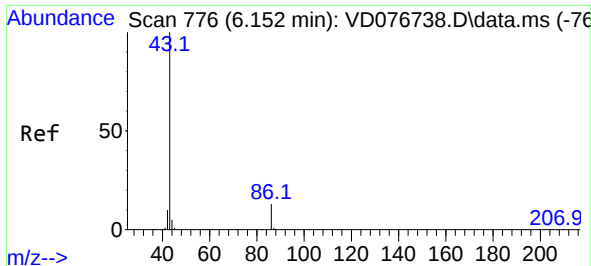
Tgt Ion: 96 Resp: 94905
Ion Ratio Lower Upper
96 100
61 114.4 89.3 133.9
98 62.4 48.6 73.0



#22
Diisopropyl ether
Concen: 54.707 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 45 Resp: 281040
Ion Ratio Lower Upper
45 100
43 49.9 40.0 60.0
87 32.0 28.2 42.4
59 13.5 11.0 16.4

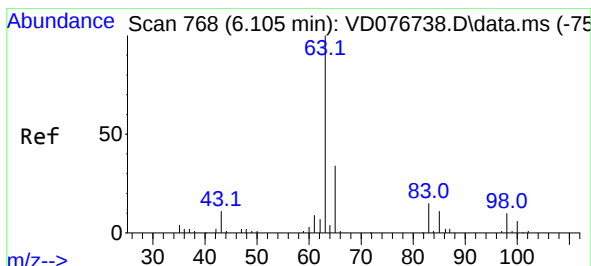
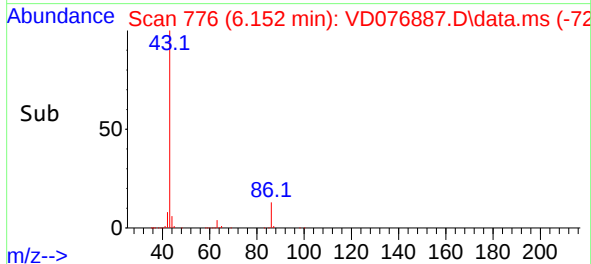
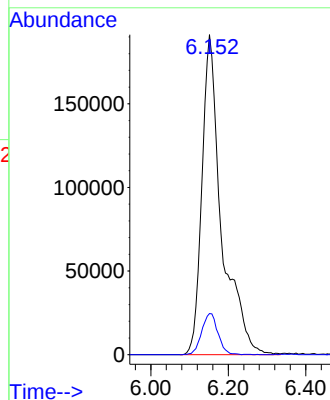
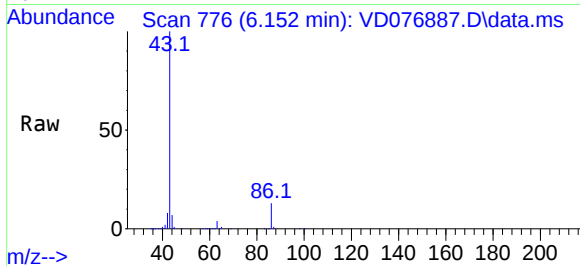




#23
 Vinyl Acetate
 Concen: 265.139 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076887.D
 Acq: 01 Aug 2023 10:37

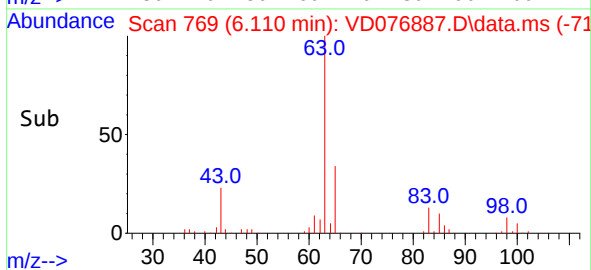
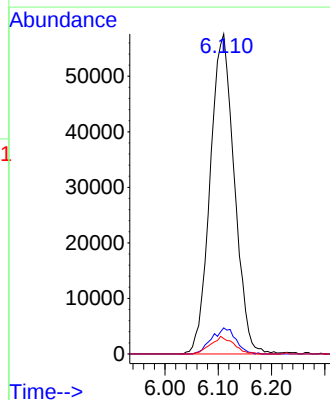
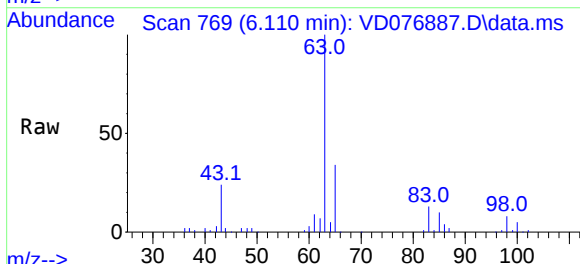
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

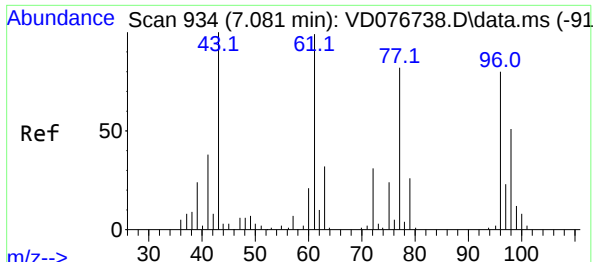
Tgt Ion: 43 Resp: 673931
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.528 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076887.D
 Acq: 01 Aug 2023 10:37

Tgt Ion: 63 Resp: 181941
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 4.8 2.5 7.5

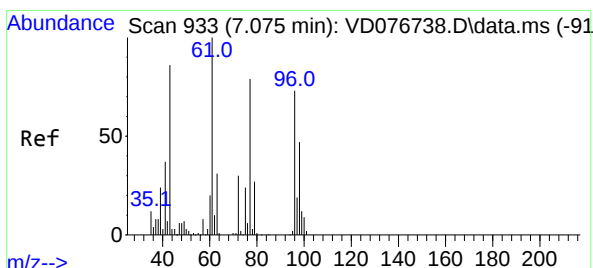
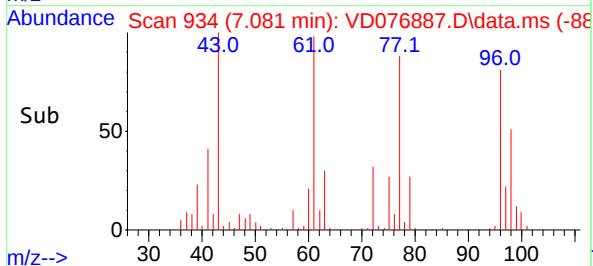
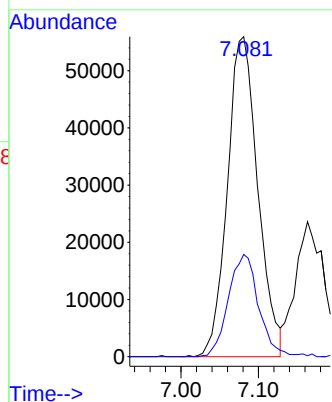
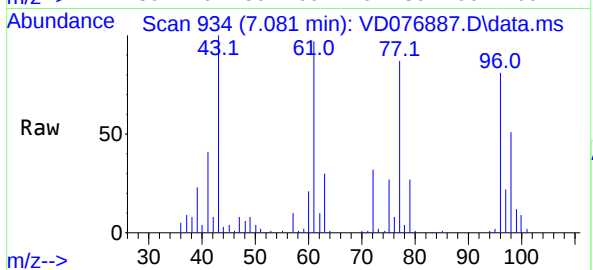




#25
2-Butanone
Concen: 287.637 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

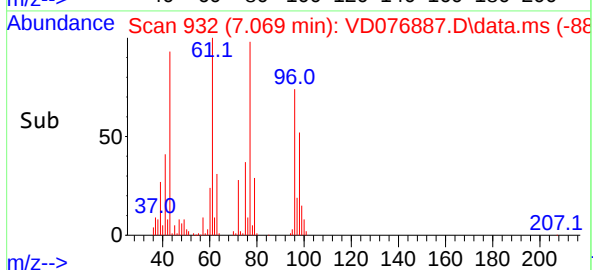
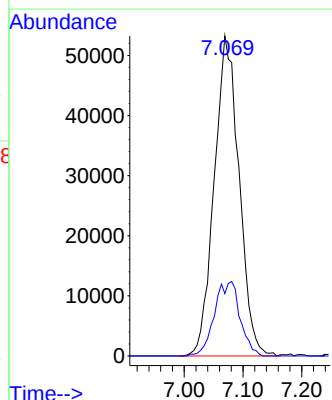
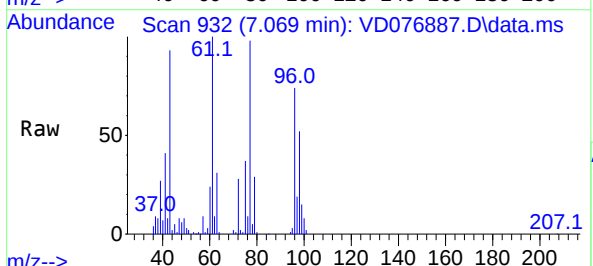
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

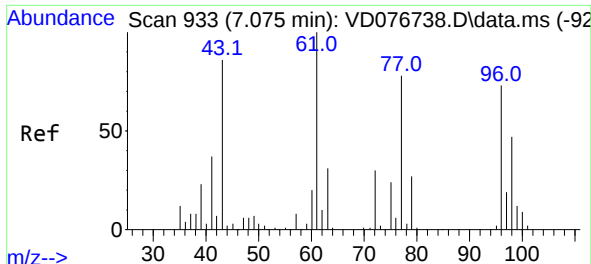
Tgt Ion: 43 Resp: 153038
Ion Ratio Lower Upper
43 100
72 32.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 52.318 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 77 Resp: 156210
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

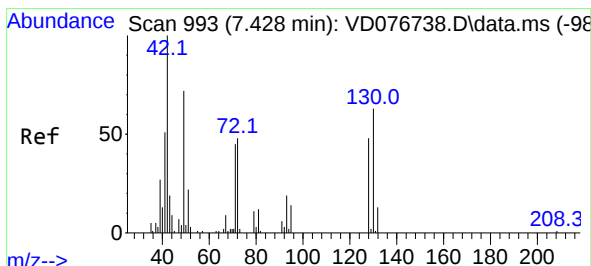
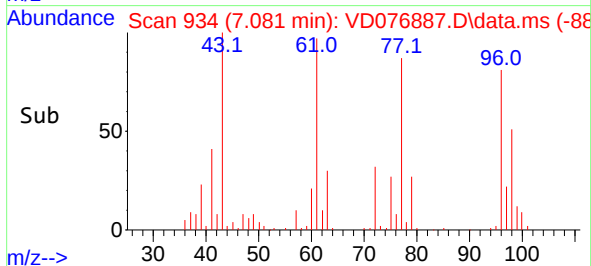
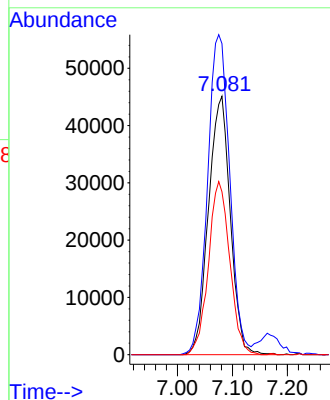
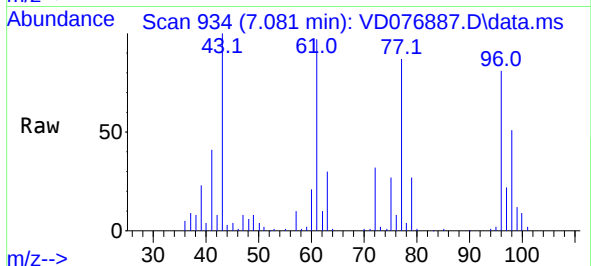




#27
cis-1,2-Dichloroethene
Concen: 52.519 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

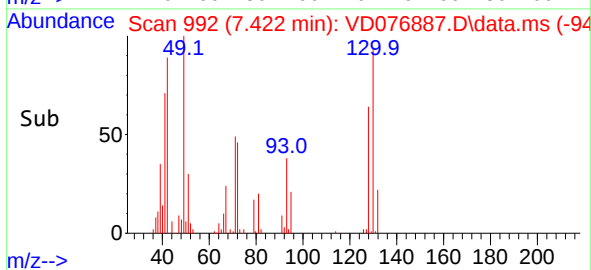
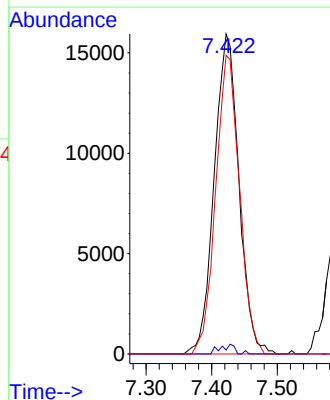
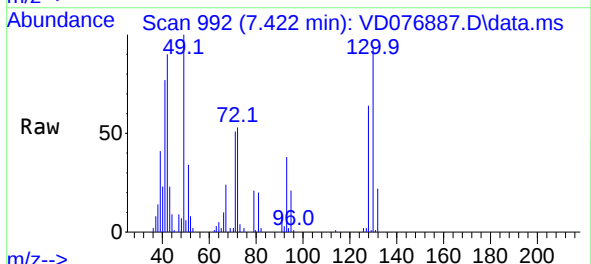
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

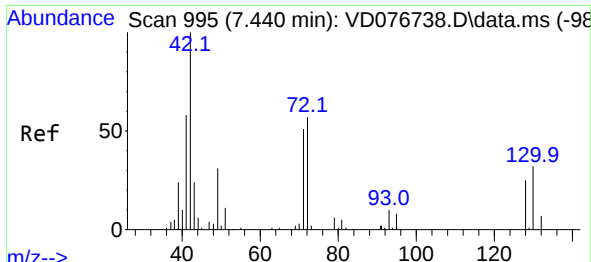
Tgt Ion: 96 Resp: 124283
Ion Ratio Lower Upper
96 100
61 125.9 0.0 239.2
98 65.6 0.0 128.6



#28
Bromochloromethane
Concen: 48.030 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 49 Resp: 41592
Ion Ratio Lower Upper
49 100
129 1.7 0.0 6.0
130 90.2 83.2 124.8

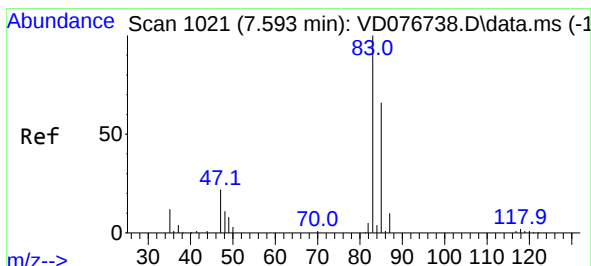
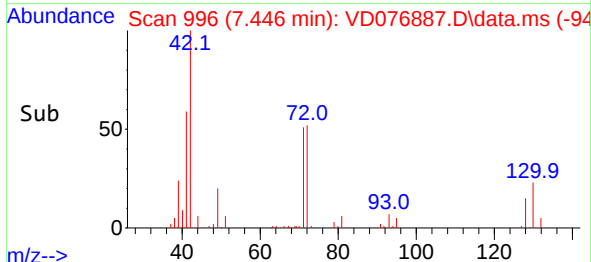
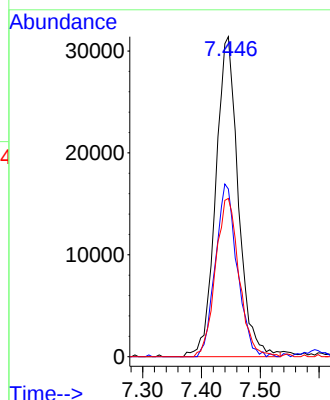
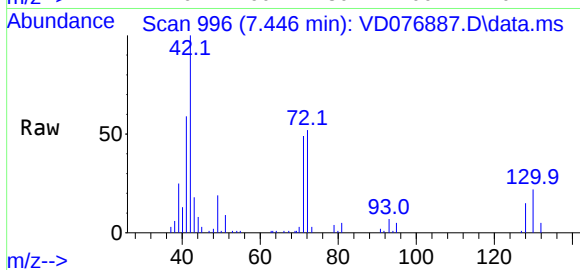




#29
Tetrahydrofuran
Concen: 266.860 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

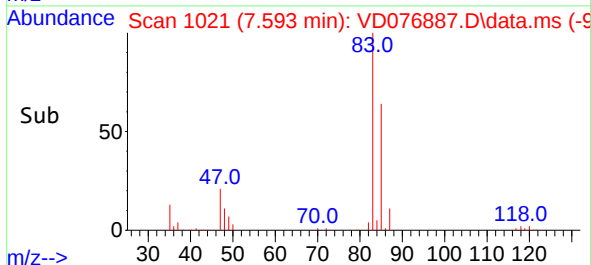
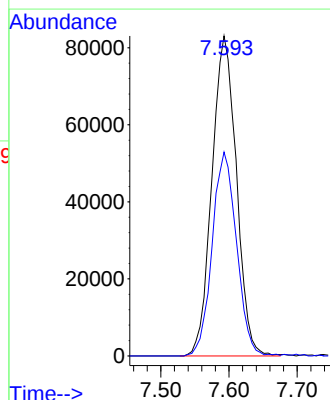
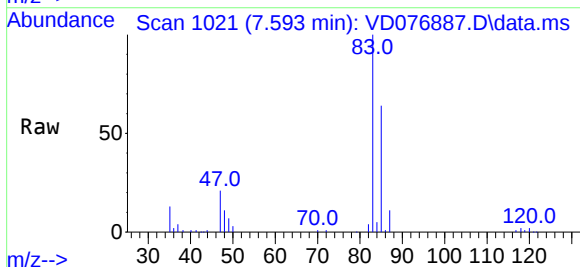
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

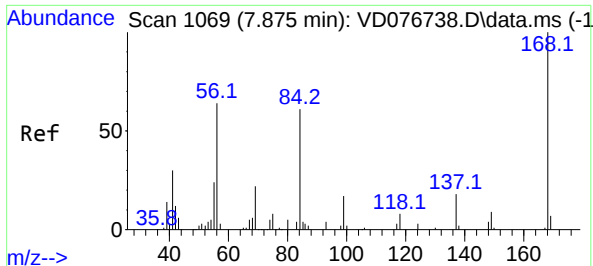
Tgt Ion:	42	Resp:	83889
Ion	Ratio	Lower	Upper
42	100		
72	52.3	46.5	69.7
71	51.6	44.5	66.7



#30
Chloroform
Concen: 54.750 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

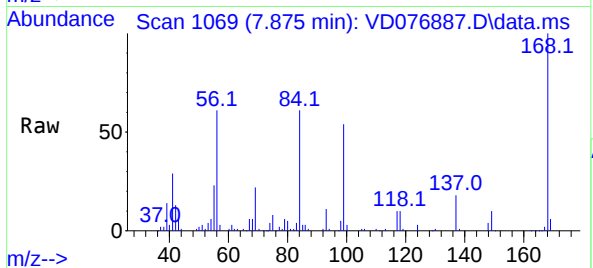
Tgt Ion:	83	Resp:	207702
Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.4	80.2



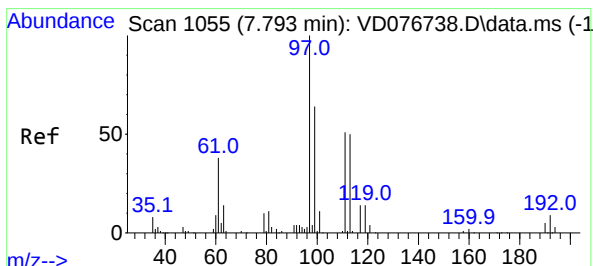
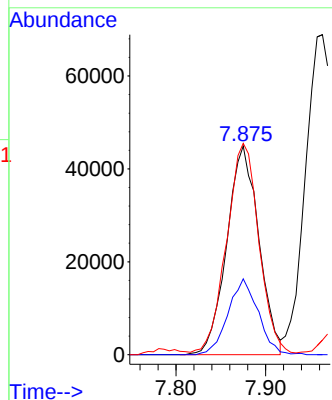
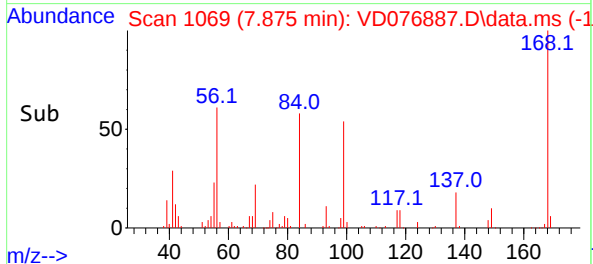


#31
Cyclohexane
Concen: 45.462 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

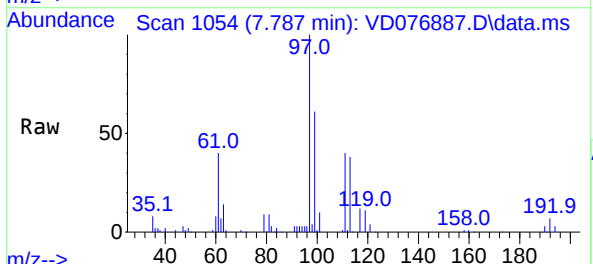
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



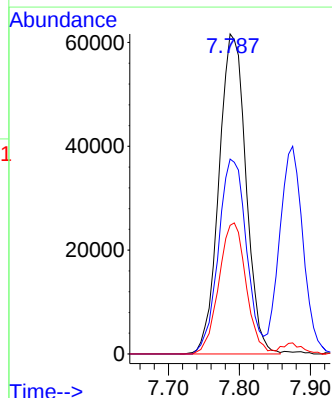
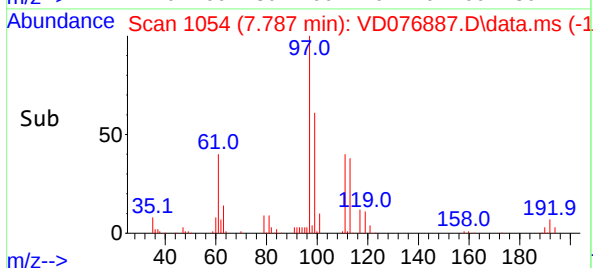
Tgt Ion: 56 Resp: 111373
Ion Ratio Lower Upper
56 100
69 36.4 28.6 43.0
84 99.7 84.8 127.2

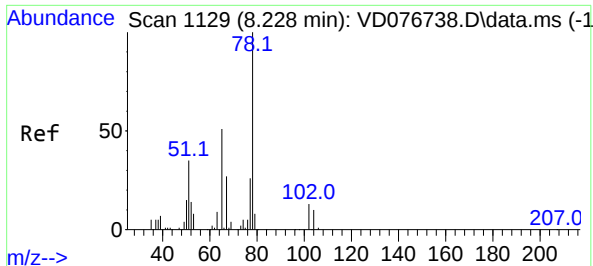


#32
1,1,1-Trichloroethane
Concen: 53.108 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37



Tgt Ion: 97 Resp: 162553
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.866 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

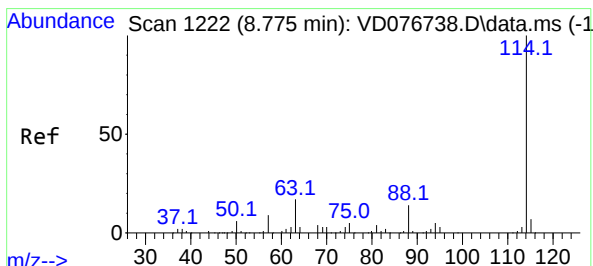
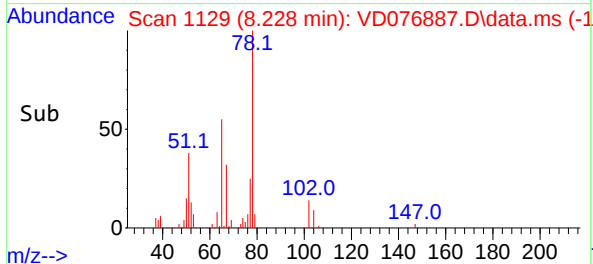
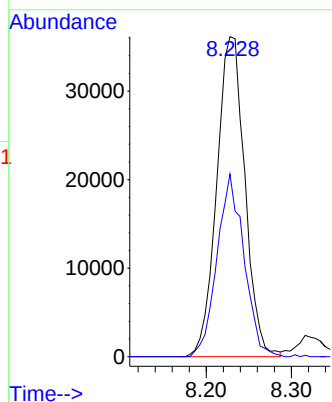
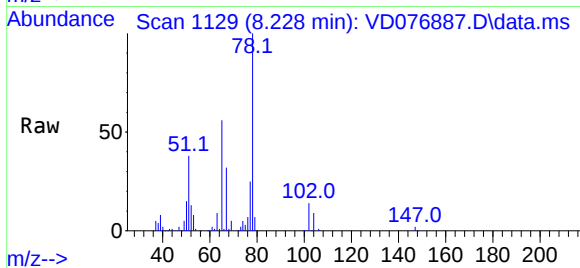
VSTDCCC050

Tgt Ion: 65 Resp: 83007

Ion Ratio Lower Upper

65 100

67 54.6 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: VD076887.D

Acq: 01 Aug 2023 10:37

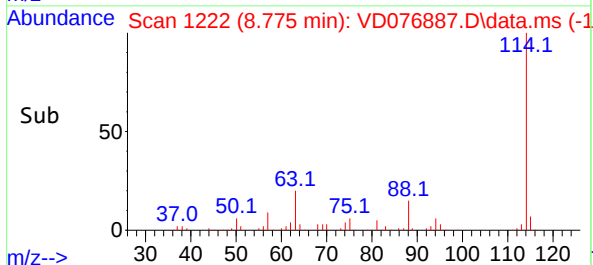
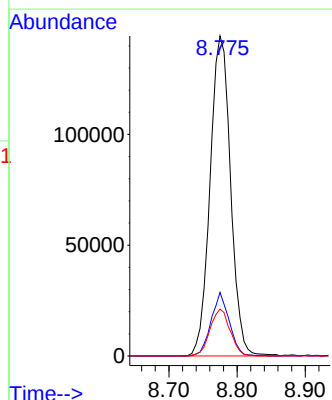
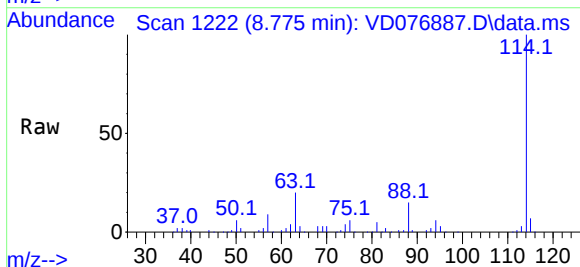
Tgt Ion: 114 Resp: 302833

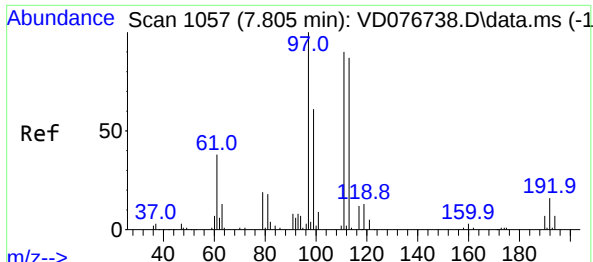
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 14.7 0.0 26.2

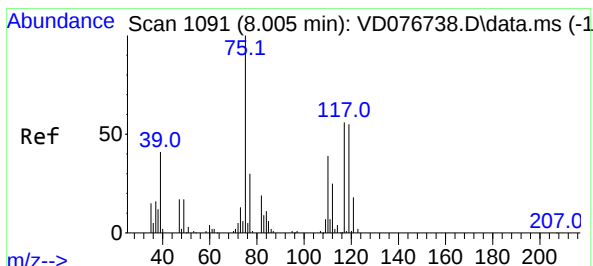
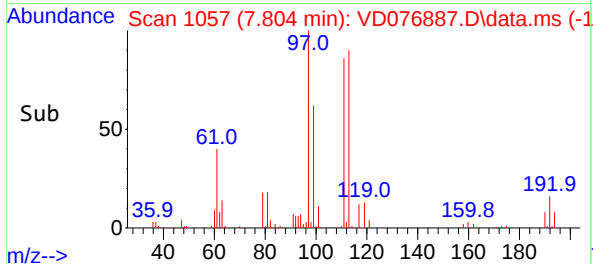
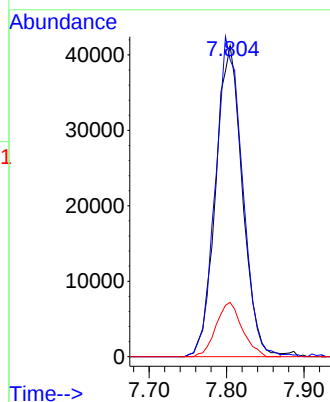
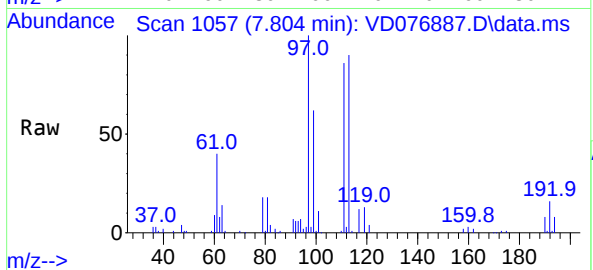




#35
Dibromofluoromethane
Concen: 52.054 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

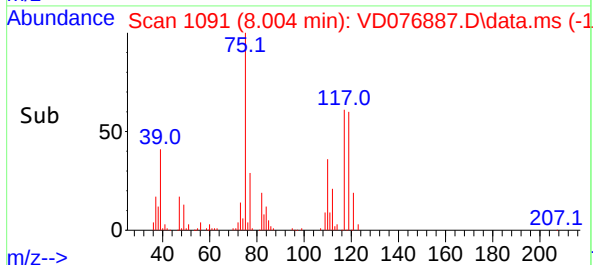
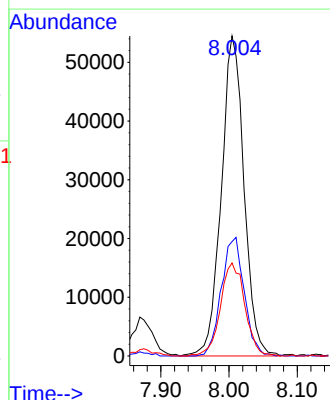
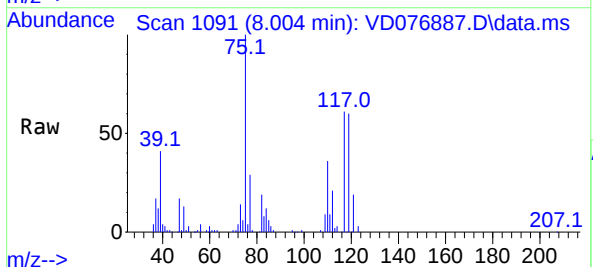
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

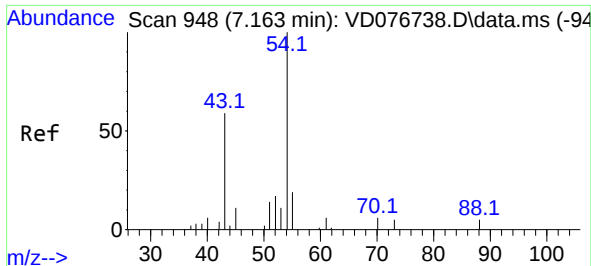
Tgt Ion:113 Resp: 99061
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 17.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.761 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 75 Resp: 126228
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 55.378 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

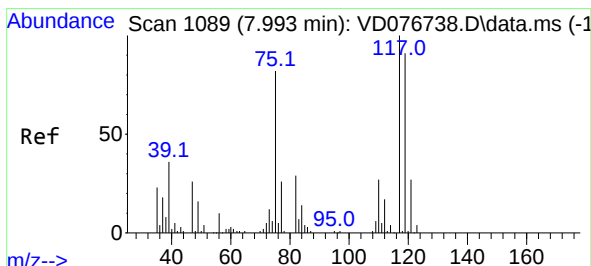
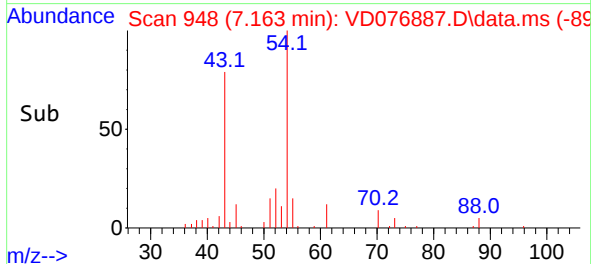
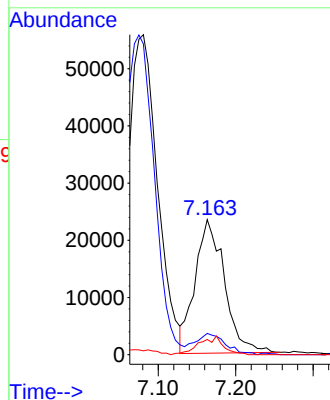
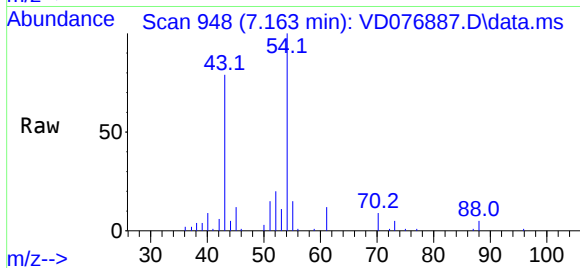
Tgt Ion: 43 Resp: 61585

Ion Ratio Lower Upper

43 100

61 16.3 14.9 22.3

70 11.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 54.481 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

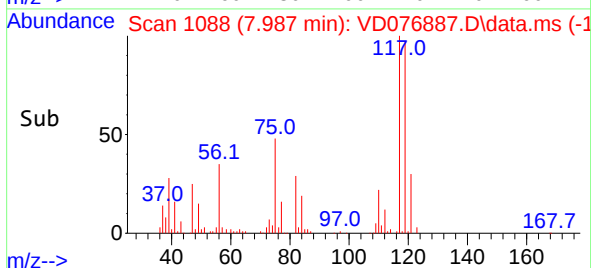
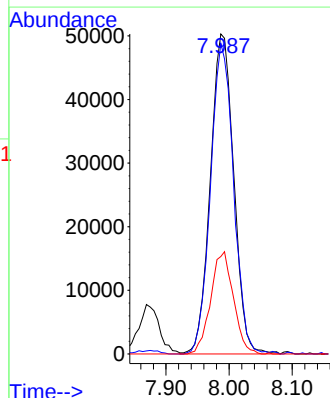
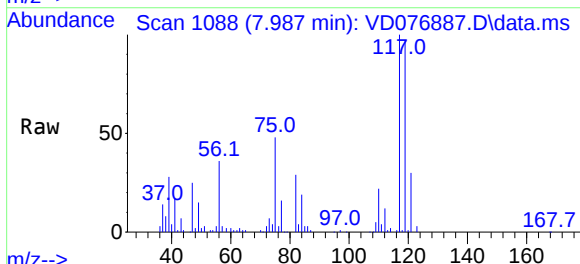
Tgt Ion: 117 Resp: 129725

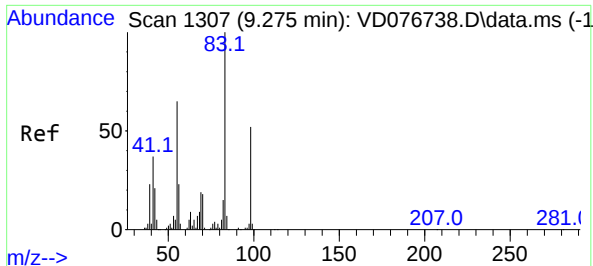
Ion Ratio Lower Upper

117 100

119 97.0 78.0 117.0

121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 47.388 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

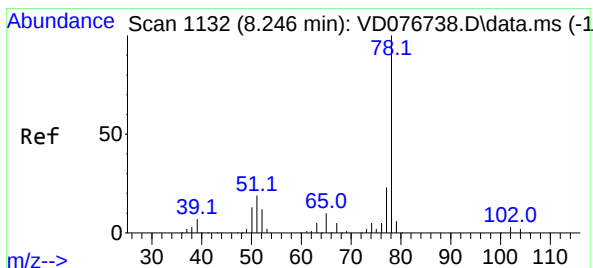
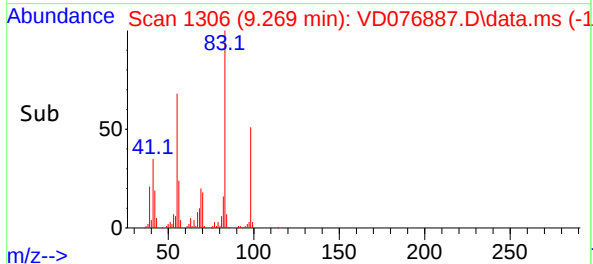
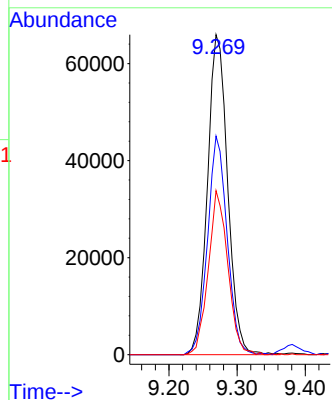
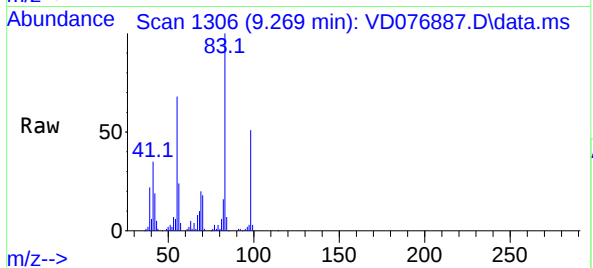
Tgt Ion: 83 Resp: 136066

Ion Ratio Lower Upper

83 100

55 68.3 49.4 74.0

98 51.3 38.4 57.6



#40

Benzene

Concen: 51.193 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.005 min

Lab File: VD076887.D

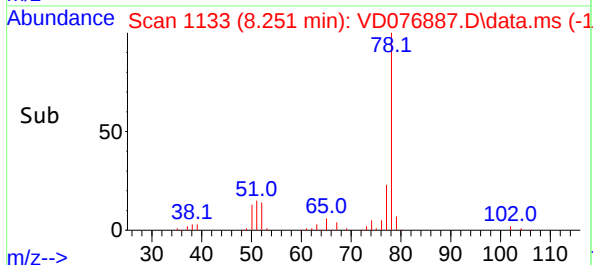
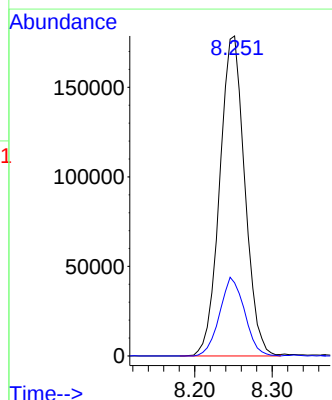
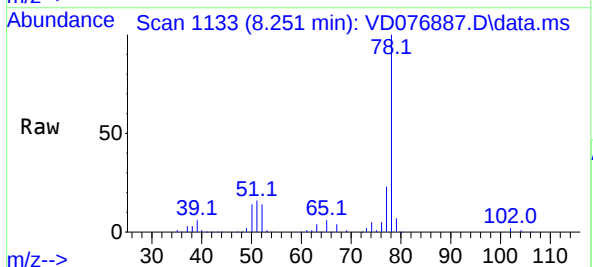
Acq: 01 Aug 2023 10:37

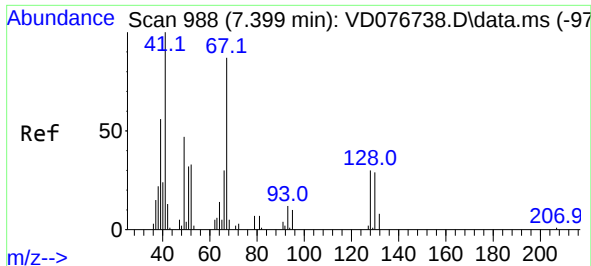
Tgt Ion: 78 Resp: 401673

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.0



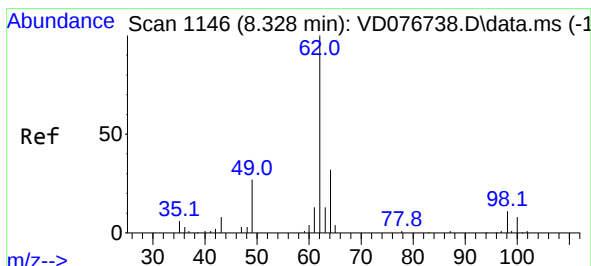
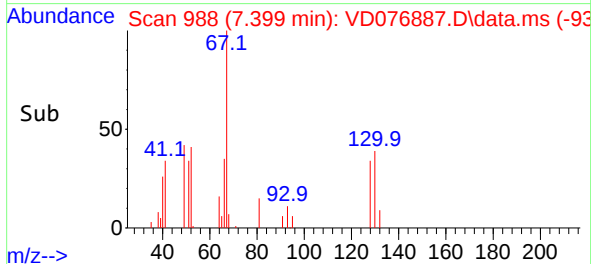
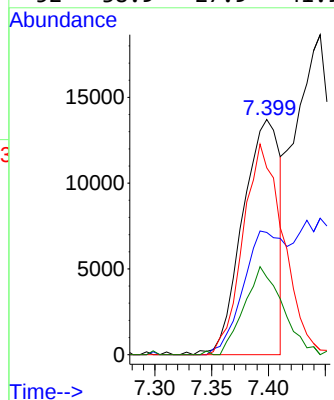
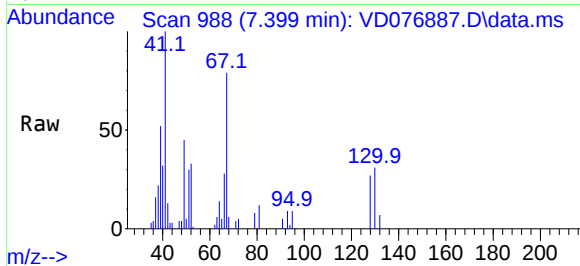


#41
Methacrylonitrile
Concen: 45.829 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 31123

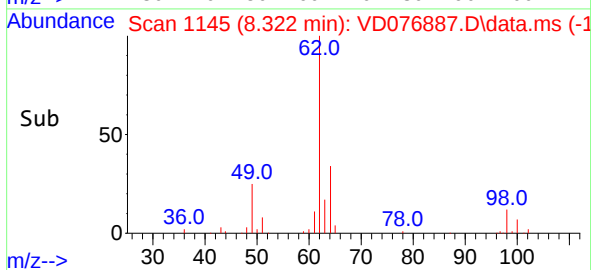
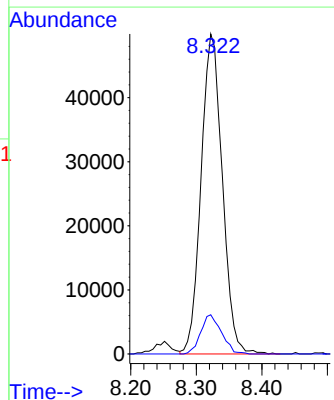
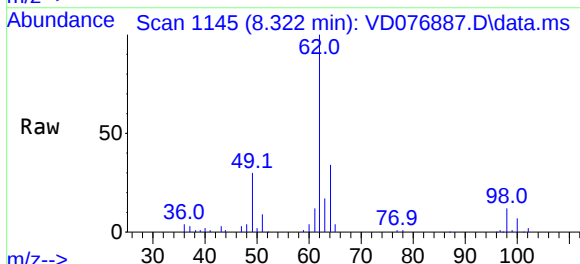
Ion	Ratio	Lower	Upper
41	100		
39	59.5	34.0	51.0#
67	97.8	77.0	115.4
52	38.9	27.9	41.9

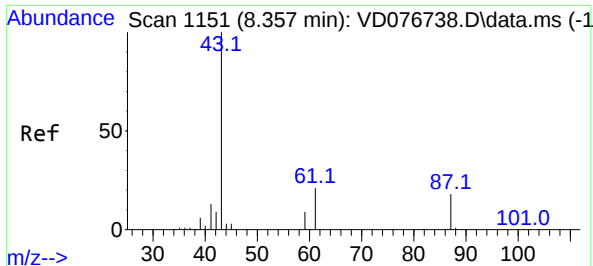


#42
1,2-Dichloroethane
Concen: 55.210 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 62 Resp: 112555

Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	25.4

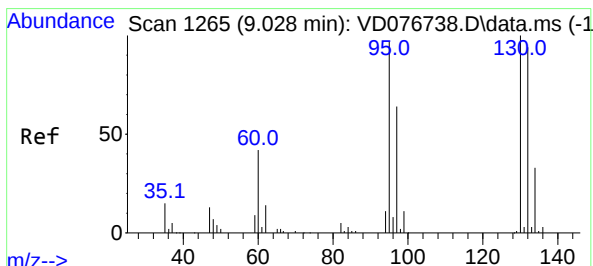
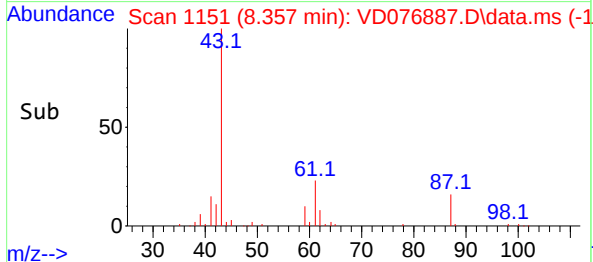
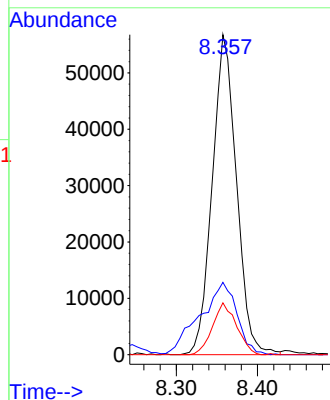
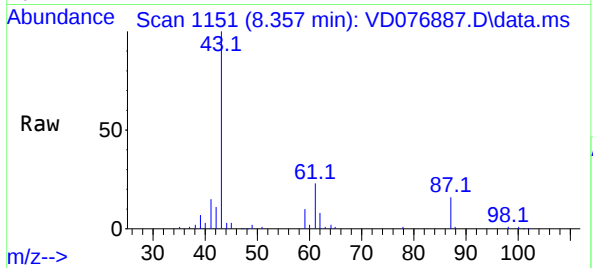




#43
Isopropyl Acetate
Concen: 54.299 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

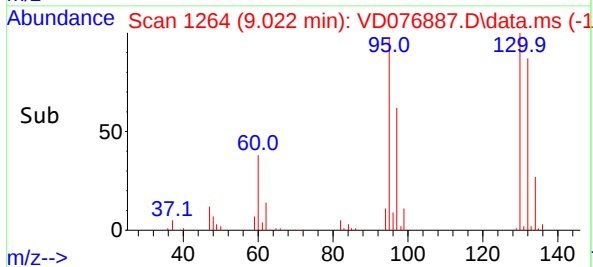
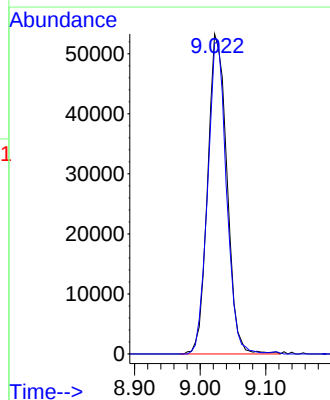
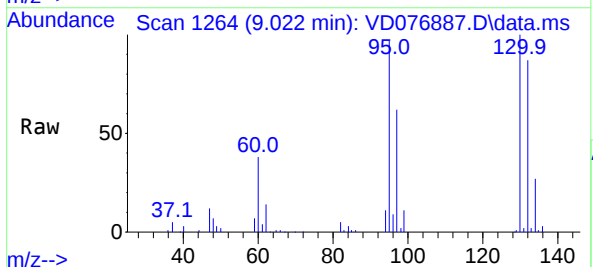
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

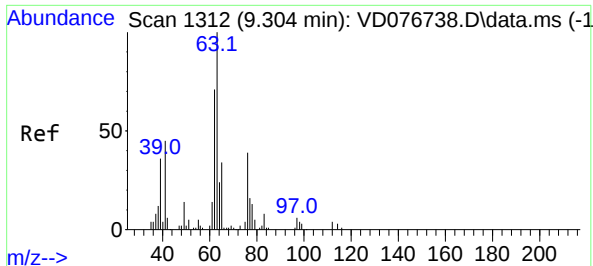
Tgt Ion: 43 Resp: 117849
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 16.1 14.9 22.3



#44
Trichloroethene
Concen: 50.787 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:130 Resp: 108589
Ion Ratio Lower Upper
130 100
95 97.1 0.0 179.2

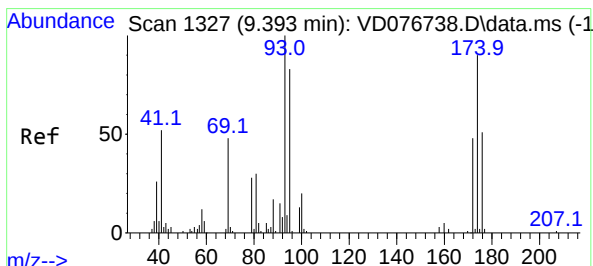
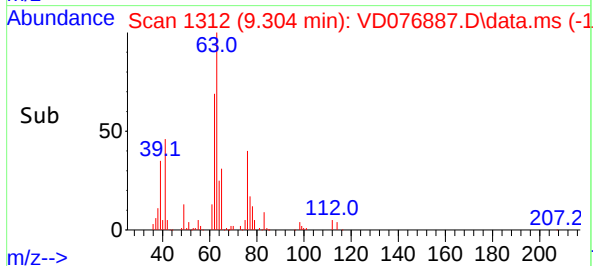
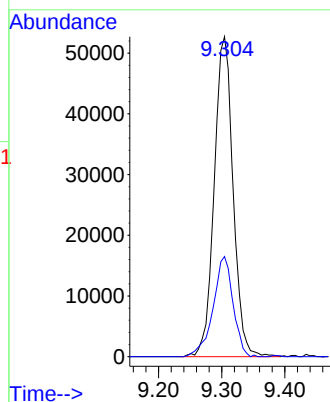
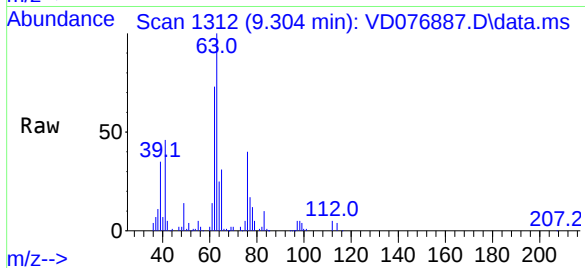




#45
1,2-Dichloropropane
Concen: 54.063 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

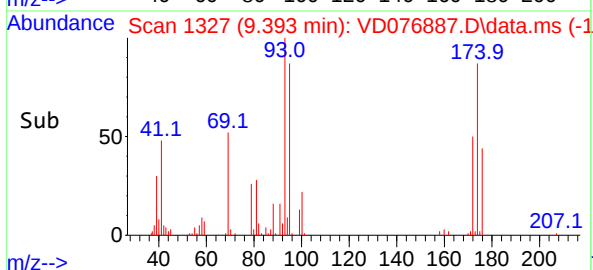
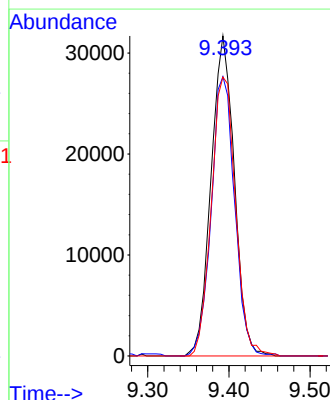
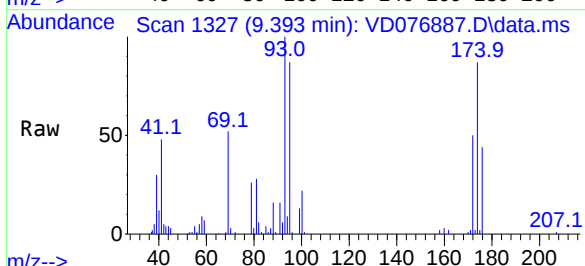
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

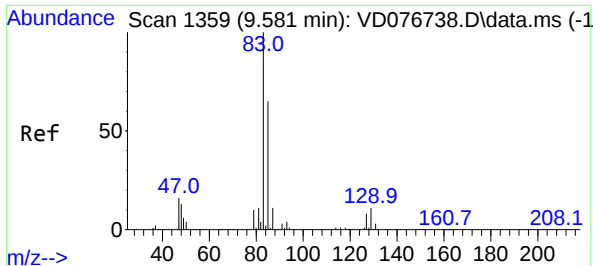
Tgt Ion: 63 Resp: 109499
Ion Ratio Lower Upper
63 100
65 31.3 24.5 36.7



#46
Dibromomethane
Concen: 53.236 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 93 Resp: 63114
Ion Ratio Lower Upper
93 100
95 87.6 67.7 101.5
174 90.5 85.4 128.2





#47

Bromodichloromethane

Concen: 54.367 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

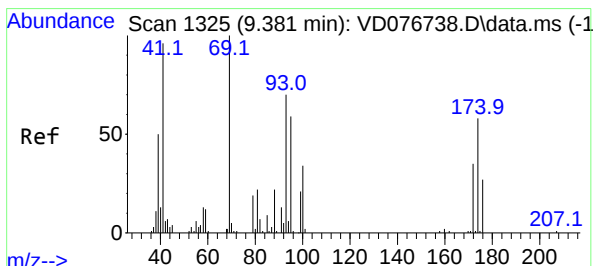
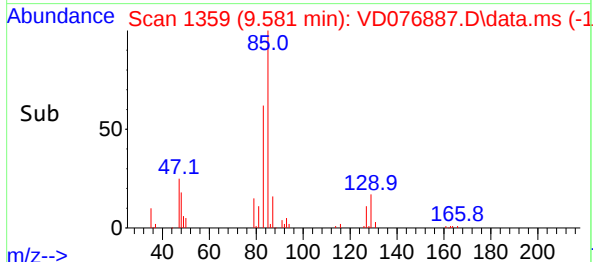
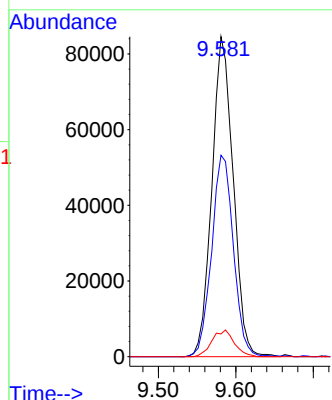
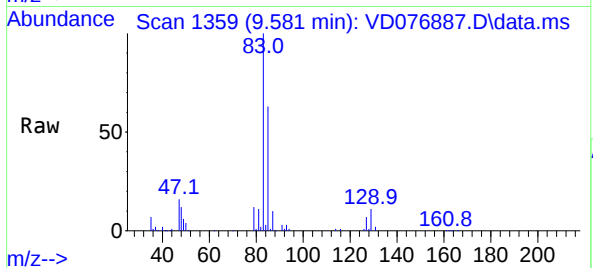
Tgt Ion: 83 Resp: 161748

Ion Ratio Lower Upper

83 100

85 63.0 50.2 75.4

127 7.1 6.3 9.5



#48

Methyl methacrylate

Concen: 51.589 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

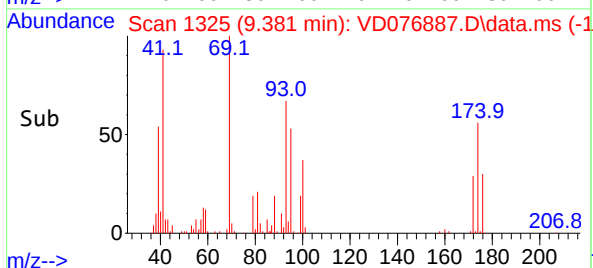
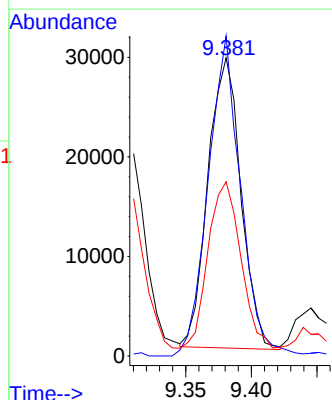
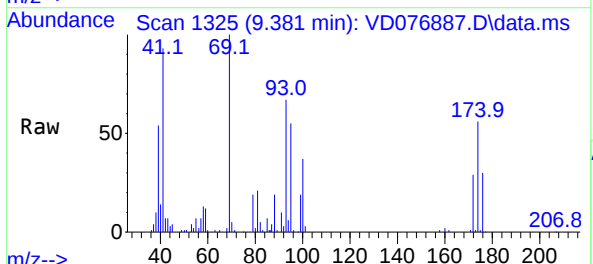
Tgt Ion: 41 Resp: 50960

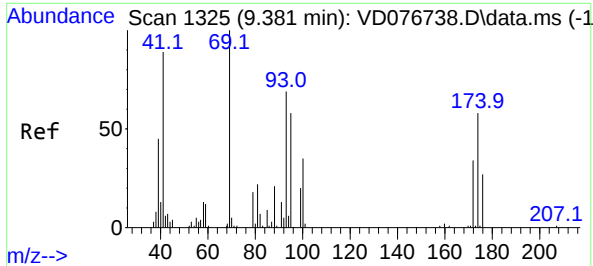
Ion Ratio Lower Upper

41 100

69 108.7 102.2 153.2

39 62.6 41.4 62.2#

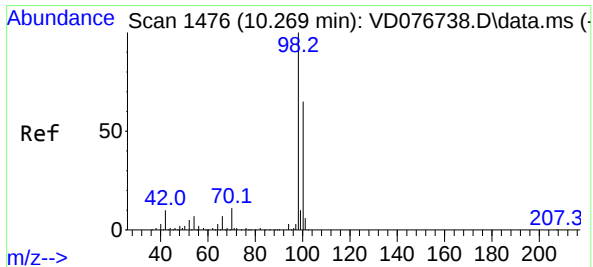
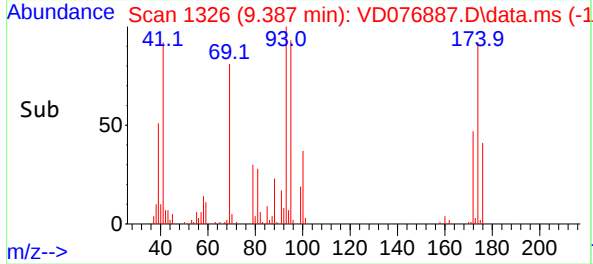
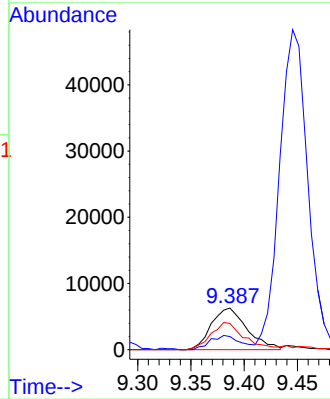
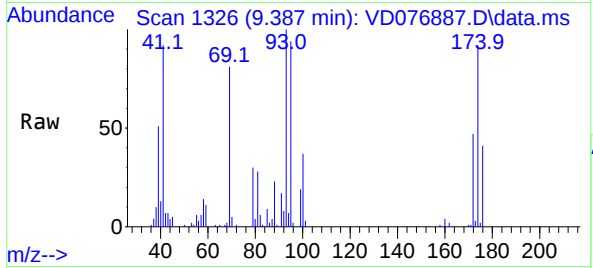




#49
1,4-Dioxane
Concen: 967.059 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

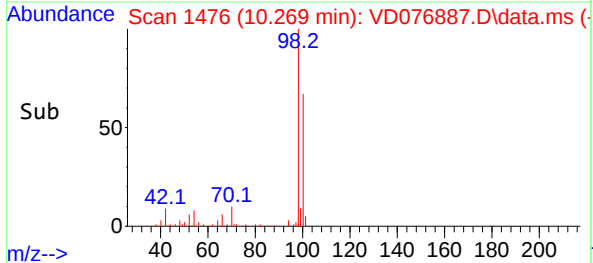
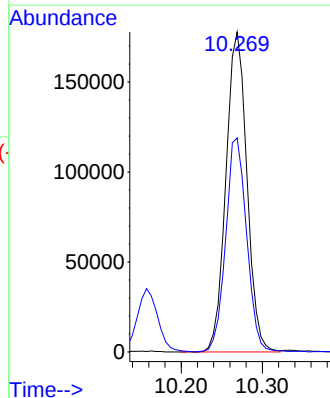
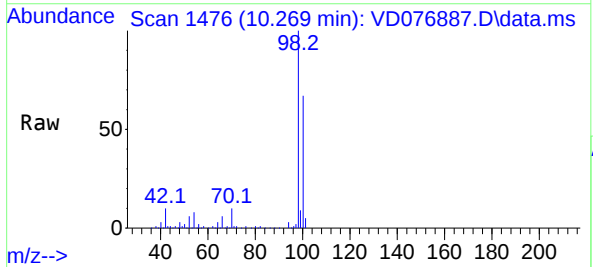
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

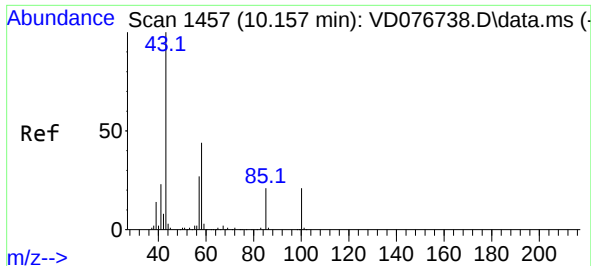
Tgt Ion: 88 Resp: 14689
Ion Ratio Lower Upper
88 100
43 27.7 19.0 28.6
58 60.5 43.5 65.3



#50
Toluene-d8
Concen: 46.904 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 98 Resp: 319314
Ion Ratio Lower Upper
98 100
100 66.9 50.3 75.5

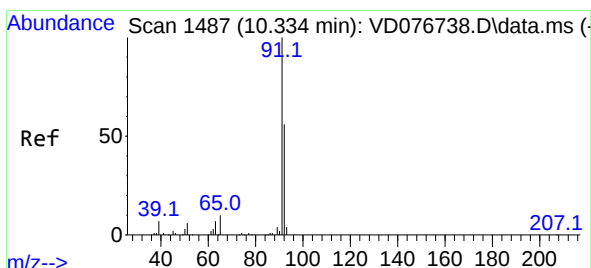
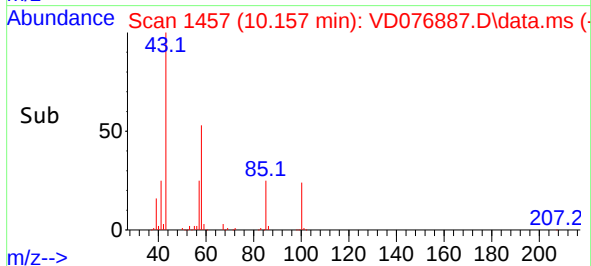
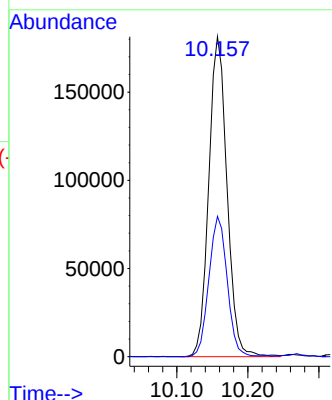
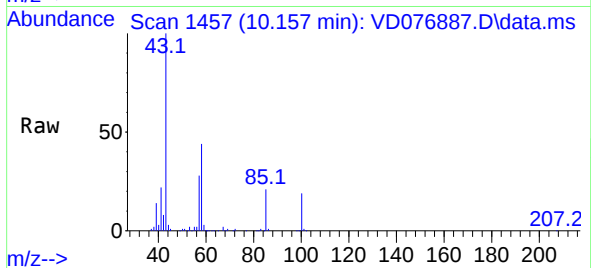




#51
4-Methyl-2-Pentanone
Concen: 280.194 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

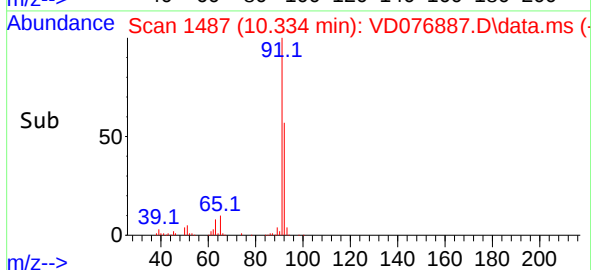
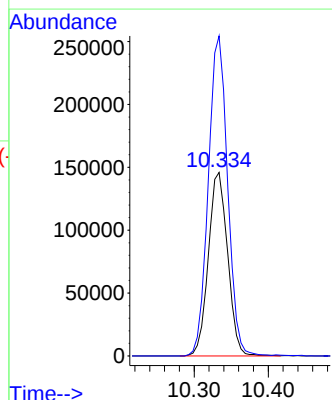
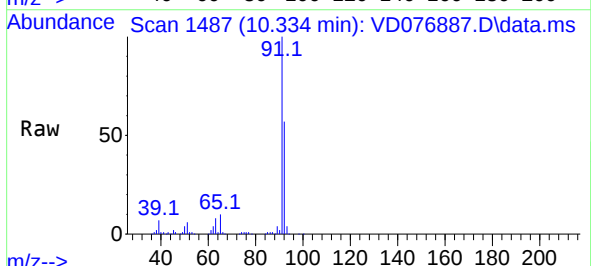
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

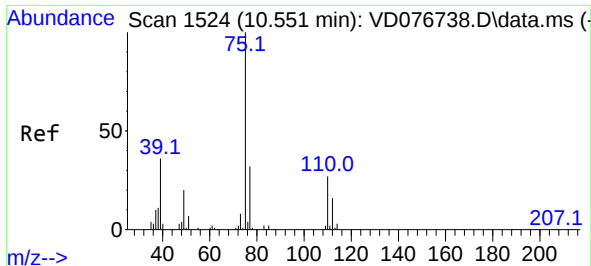
Tgt Ion: 43 Resp: 323783
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3



#52
Toluene
Concen: 51.204 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 92 Resp: 263867
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

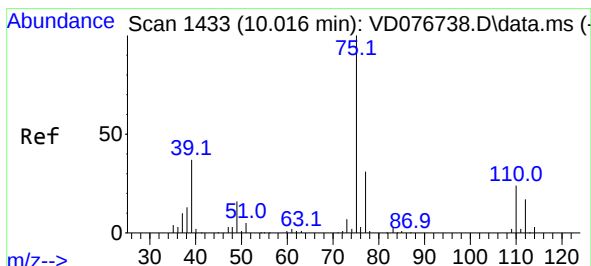
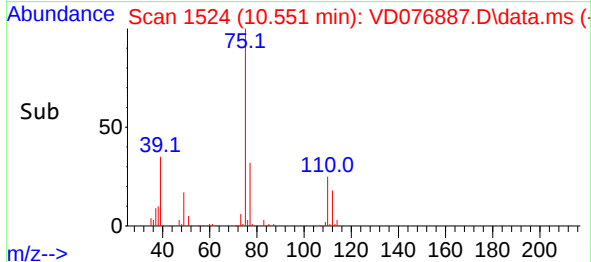
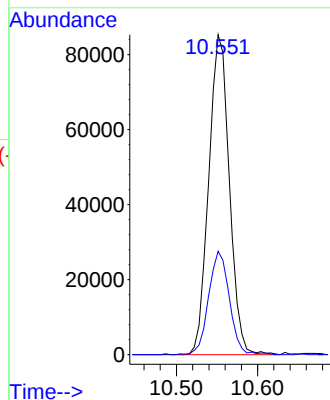
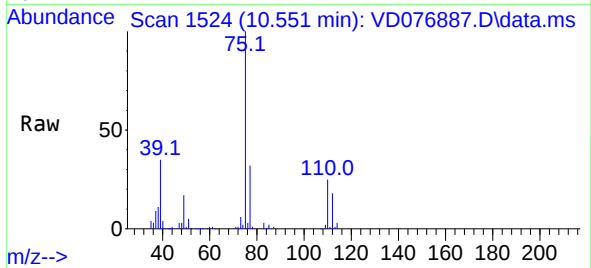




#53
t-1,3-Dichloropropene
Concen: 54.490 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

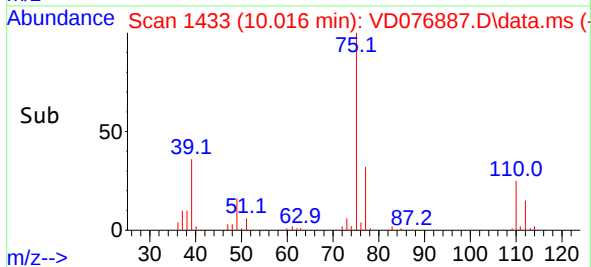
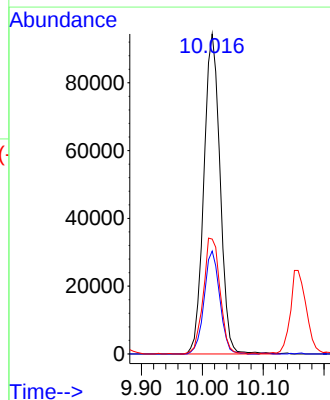
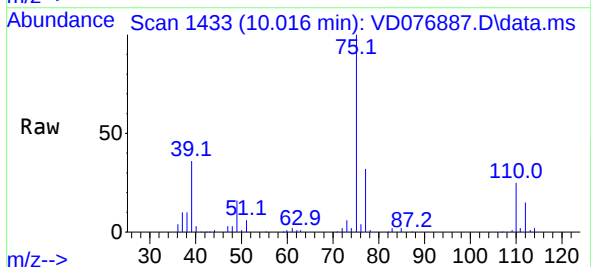
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

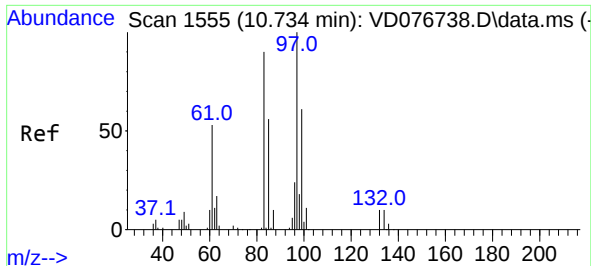
Tgt Ion: 75 Resp: 150470
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.665 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 75 Resp: 174652
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 35.9 22.1 33.1#

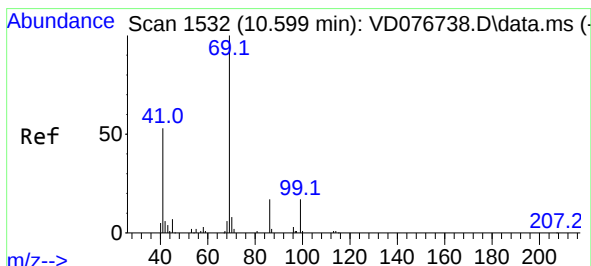
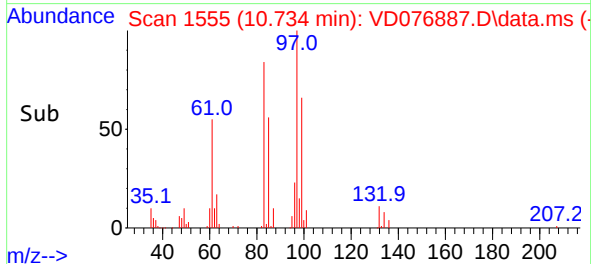
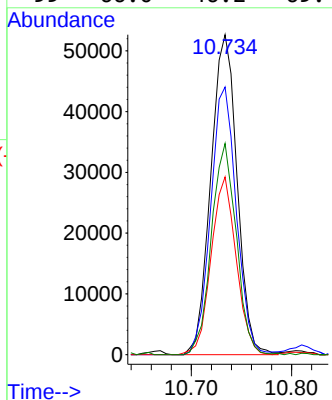
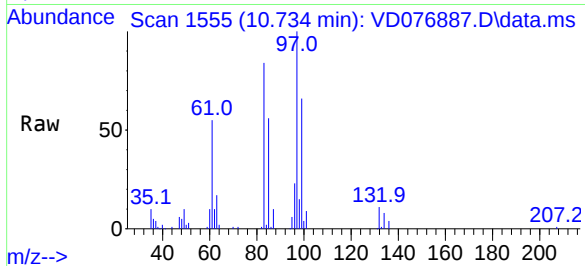




#55
1,1,2-Trichloroethane
Concen: 55.350 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

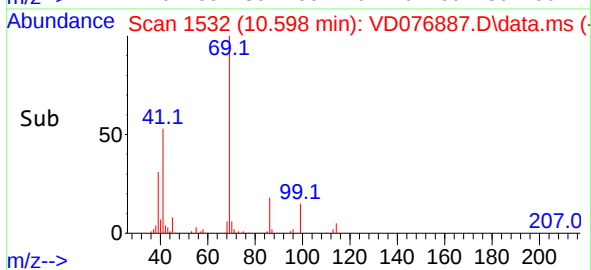
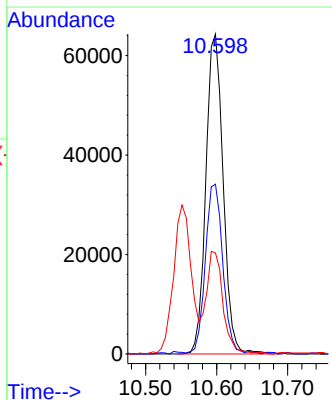
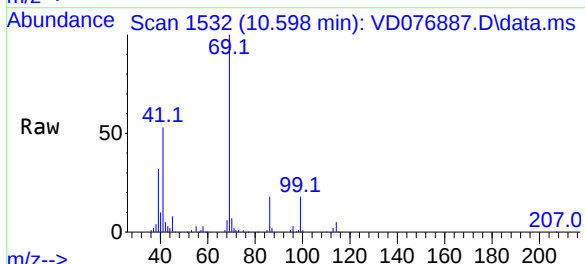
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

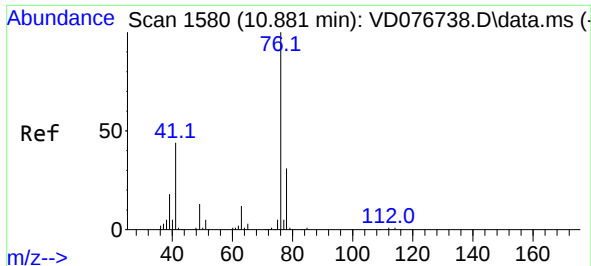
Tgt Ion:	97	Resp:	95822
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.8	98.6
85	55.6	45.7	68.5
99	66.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 54.467 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:	69	Resp:	108834
Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.1	58.7
39	30.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 52.974 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

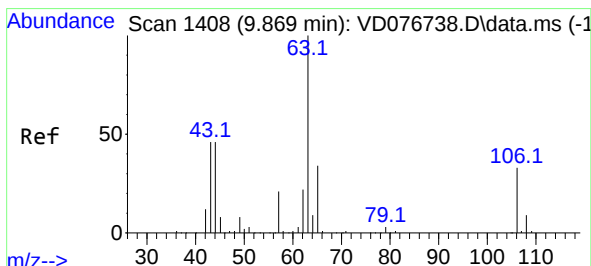
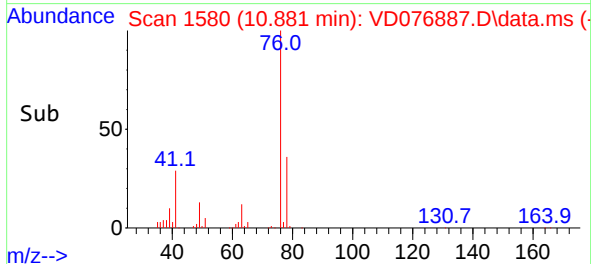
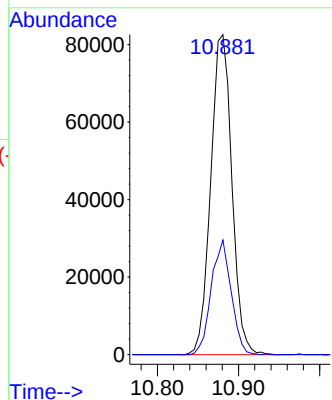
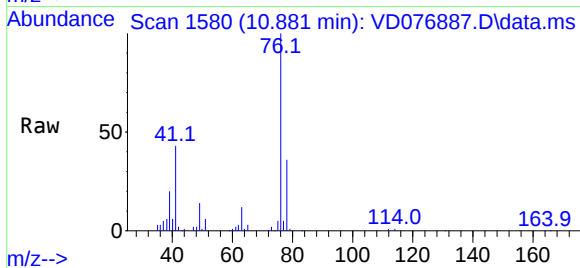
VSTDCCC050

Tgt Ion: 76 Resp: 149350

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 241.034 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076887.D

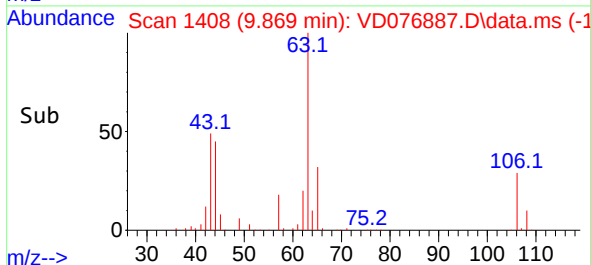
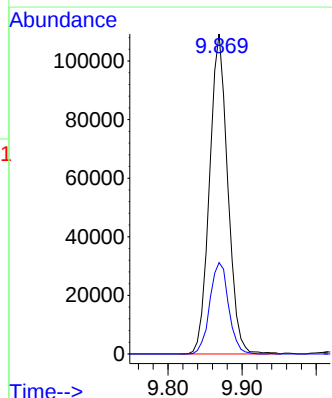
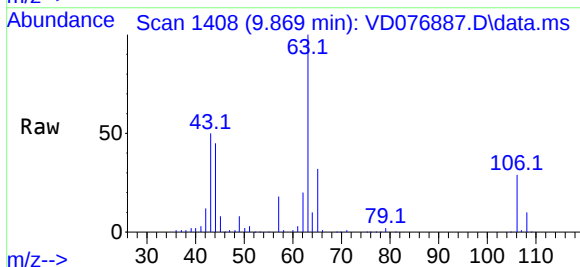
Acq: 01 Aug 2023 10:37

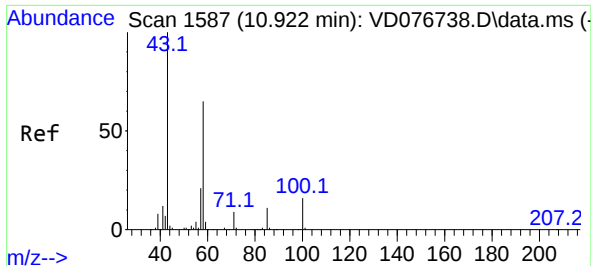
Tgt Ion: 63 Resp: 186425

Ion Ratio Lower Upper

63 100

106 29.4 25.3 37.9

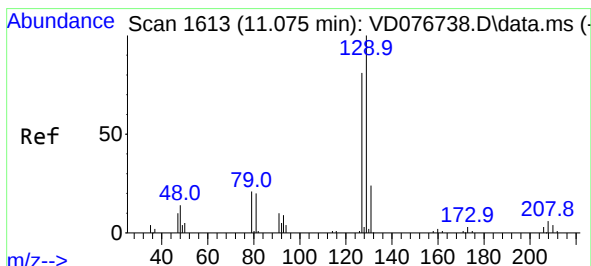
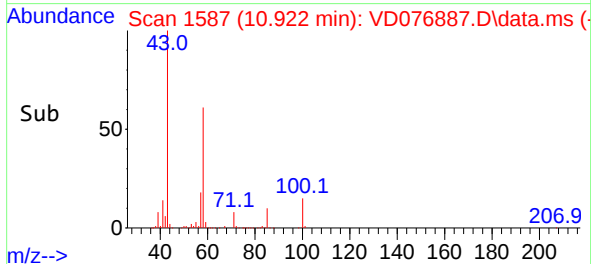
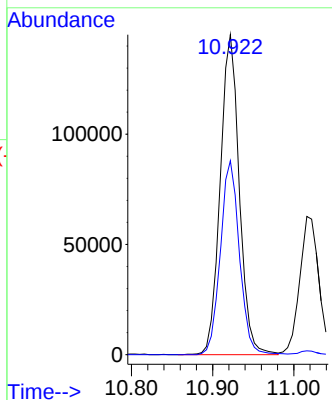
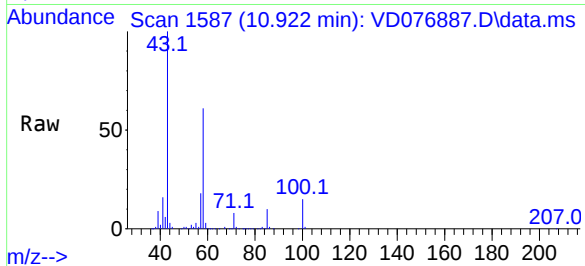




#59
2-Hexanone
Concen: 287.496 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

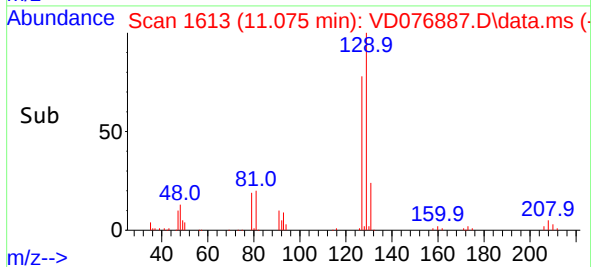
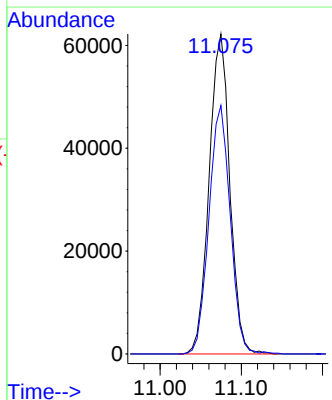
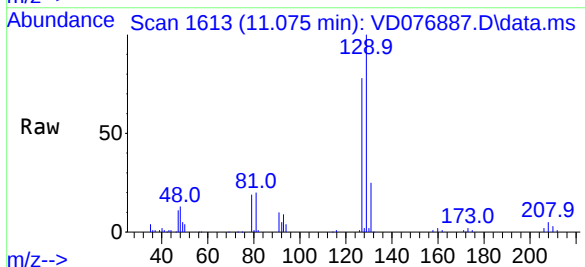
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

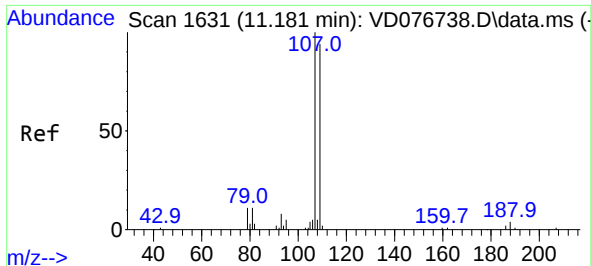
Tgt Ion: 43 Resp: 237054
Ion Ratio Lower Upper
43 100
58 60.5 34.1 102.2



#60
Dibromochloromethane
Concen: 54.796 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 129 Resp: 110203
Ion Ratio Lower Upper
129 100
127 80.0 37.1 111.5

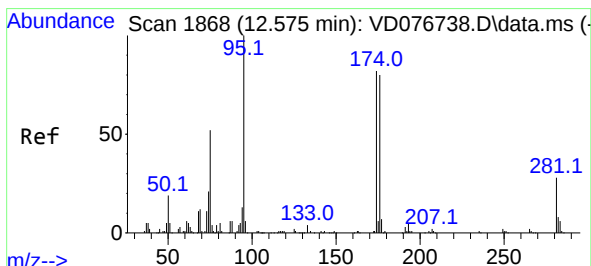
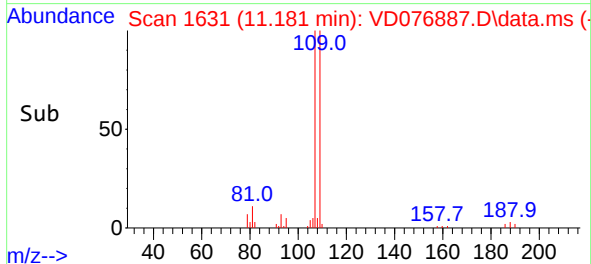
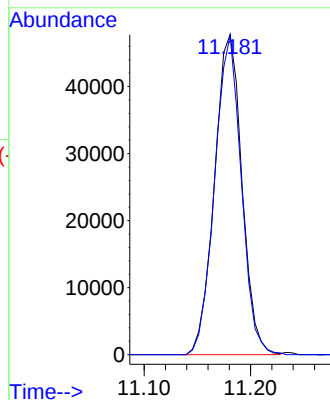
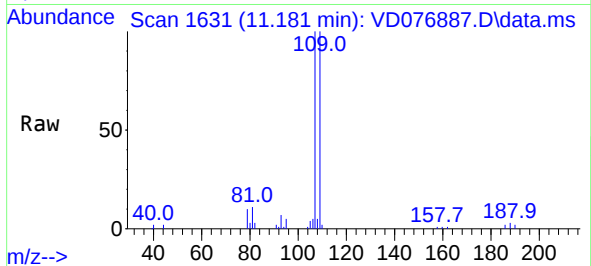




#61
1,2-Dibromoethane
Concen: 53.118 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

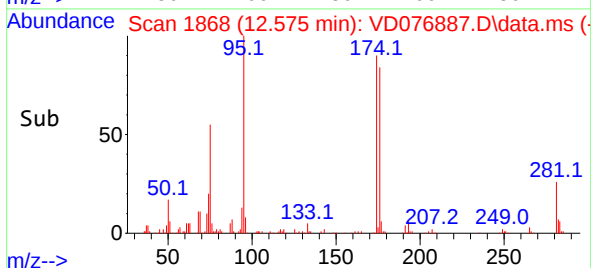
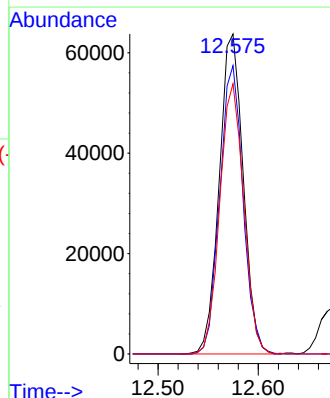
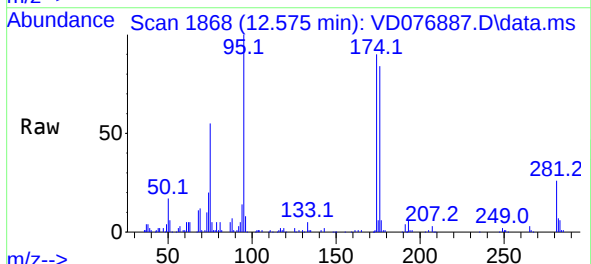
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

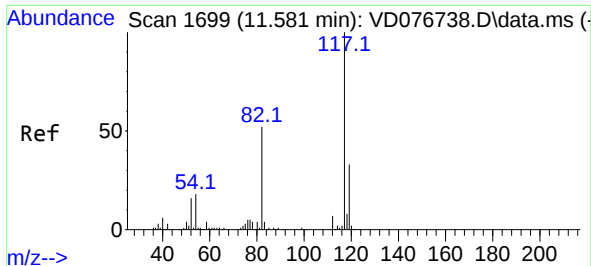
Tgt Ion:107 Resp: 85256
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

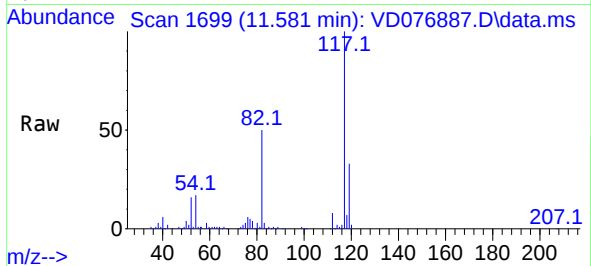
Tgt Ion: 95 Resp: 105592
Ion Ratio Lower Upper
95 100
174 87.7 0.0 201.8
176 84.2 0.0 191.8



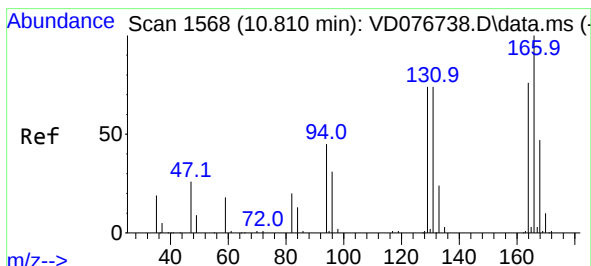
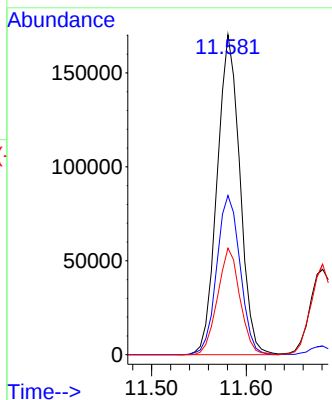
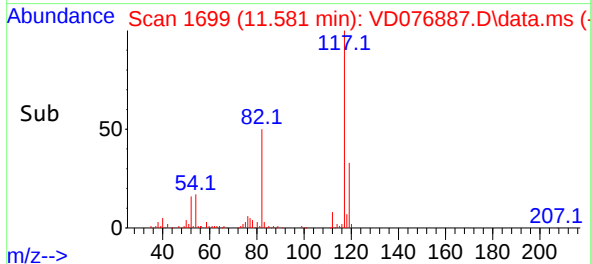


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

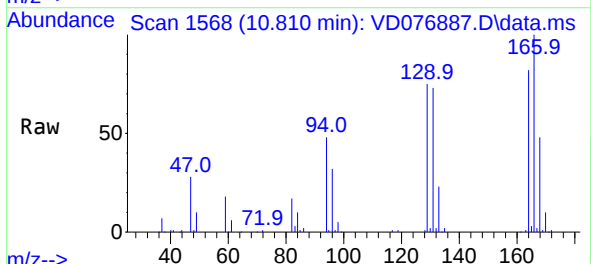
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



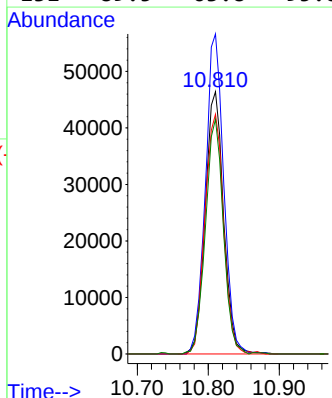
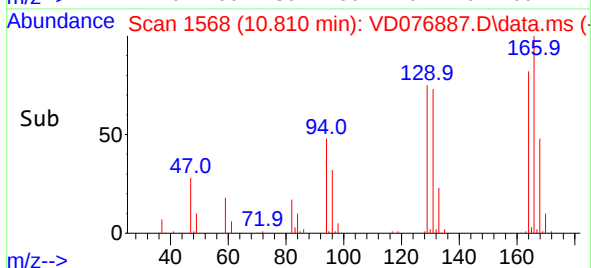
Tgt Ion:117 Resp: 284470
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 33.3 25.0 37.4

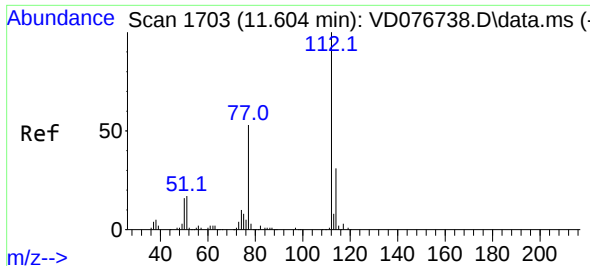


#64
Tetrachloroethene
Concen: 51.583 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37



Tgt Ion:164 Resp: 83672
Ion Ratio Lower Upper
164 100
166 122.0 99.2 148.8
129 91.4 68.4 102.6
131 89.5 63.8 95.8

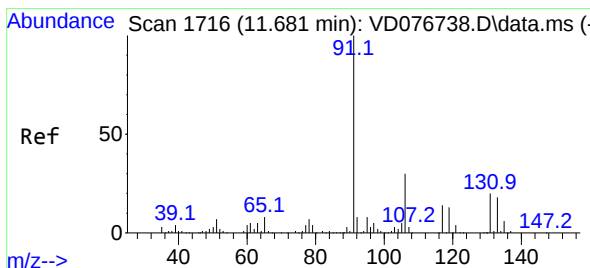
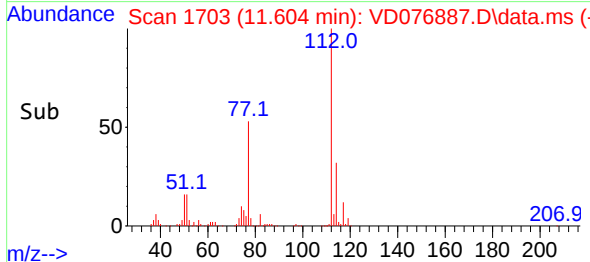
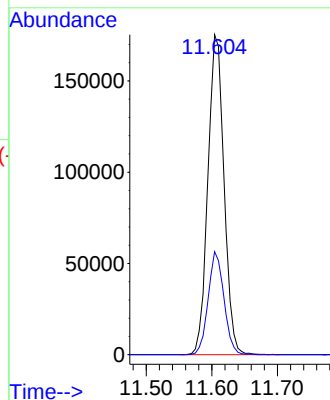
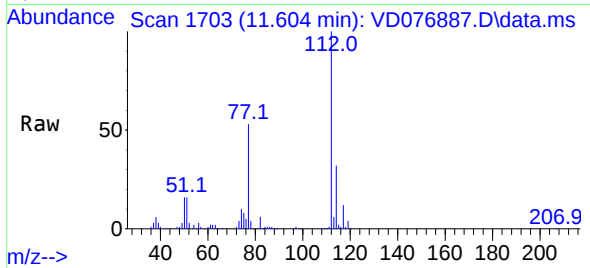




#65
Chlorobenzene
Concen: 52.476 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

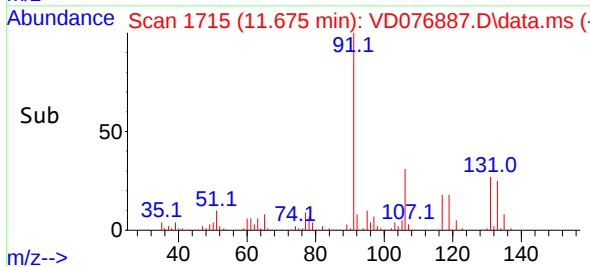
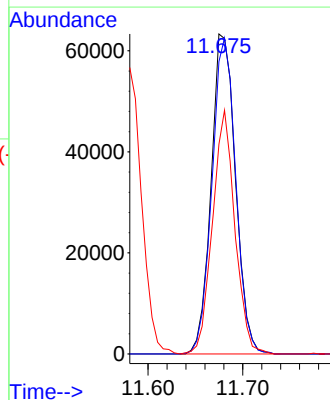
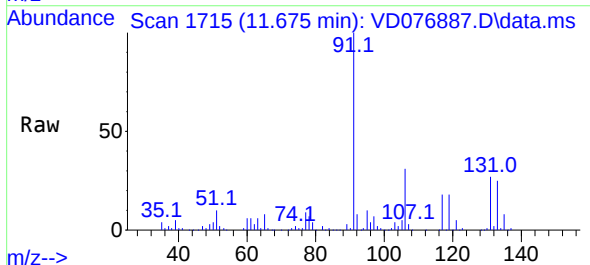
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

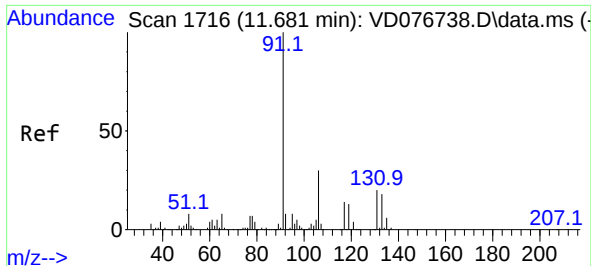
Tgt Ion:112 Resp: 300231
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.003 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:131 Resp: 112900
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.5
119 70.1 35.6 106.9

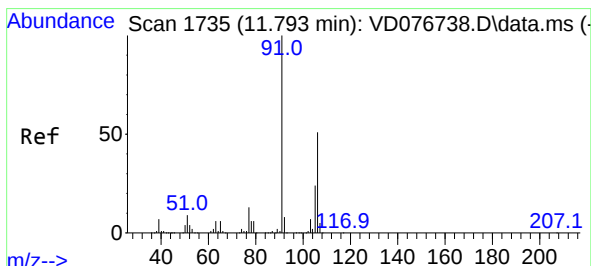
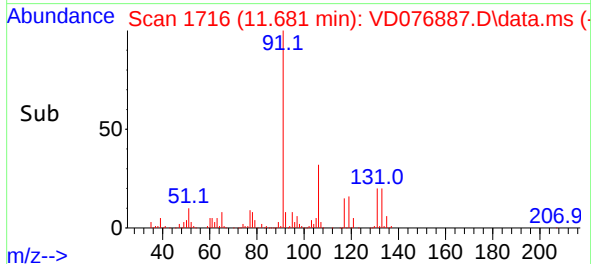
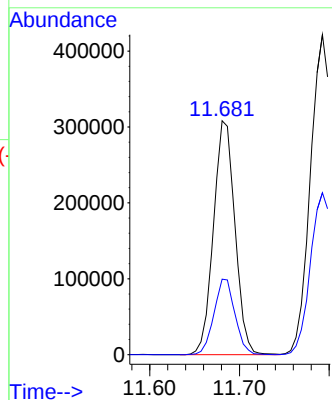
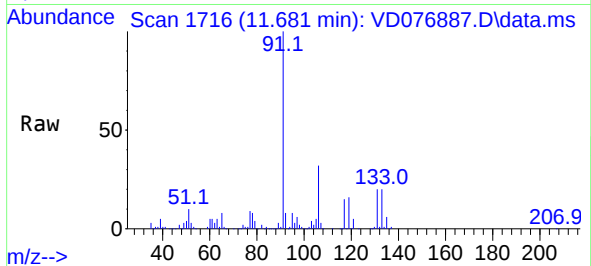




#67
Ethyl Benzene
Concen: 51.058 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

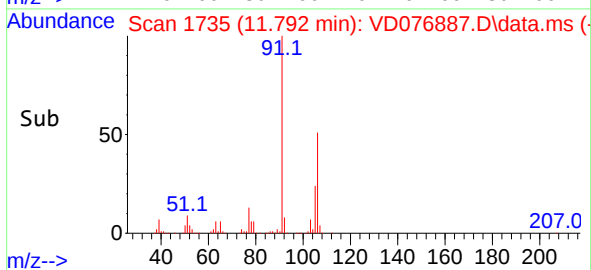
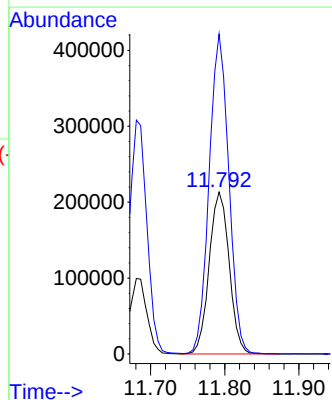
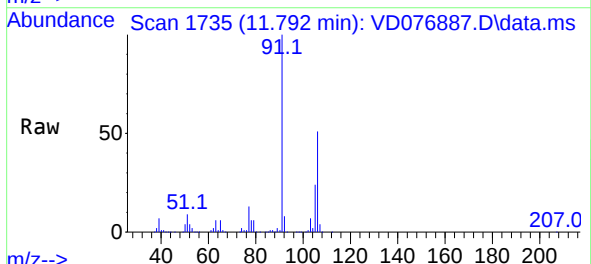
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

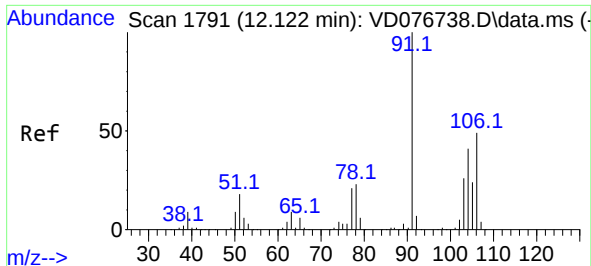
Tgt Ion: 91 Resp: 513018
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7



#68
m/p-Xylenes
Concen: 103.452 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:106 Resp: 399210
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6

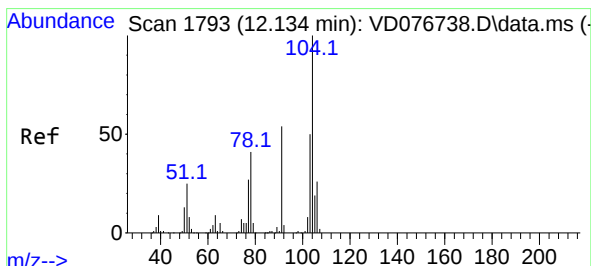
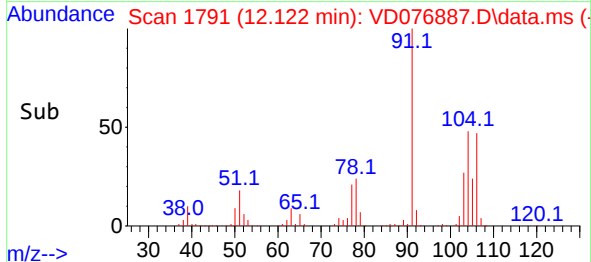
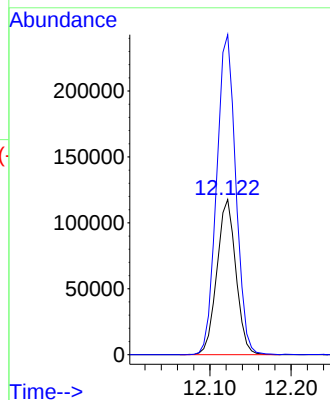
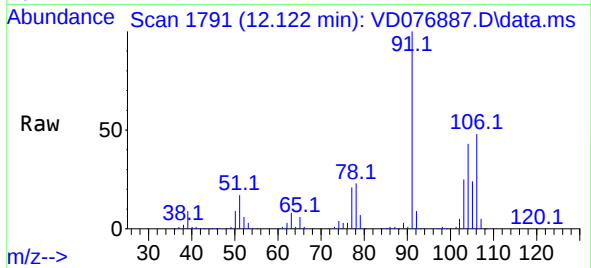




#69
o-Xylene
Concen: 51.234 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

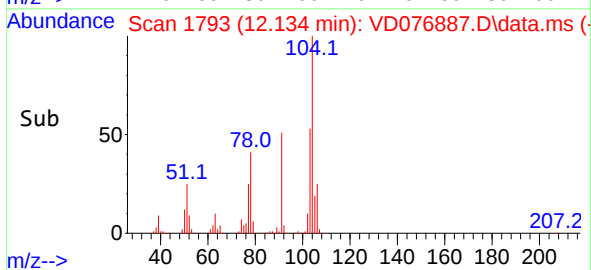
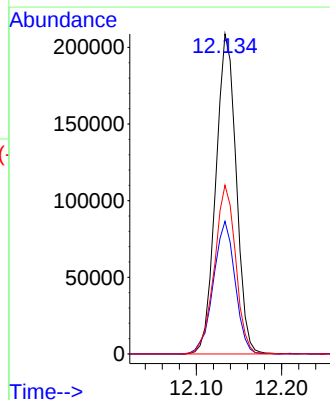
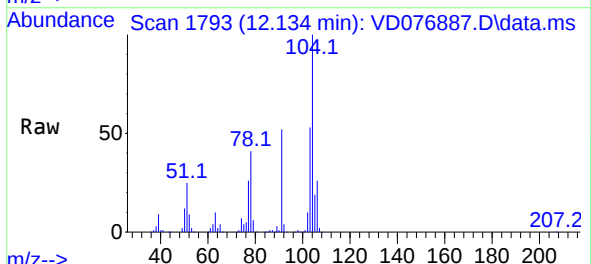
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

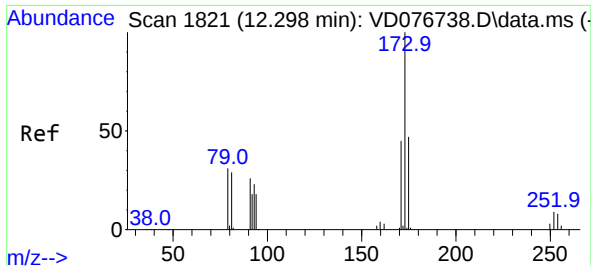
Tgt Ion:106 Resp: 191188
Ion Ratio Lower Upper
106 100
91 208.2 97.9 293.6



#70
Styrene
Concen: 53.155 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:104 Resp: 347233
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 54.8 43.6 65.4

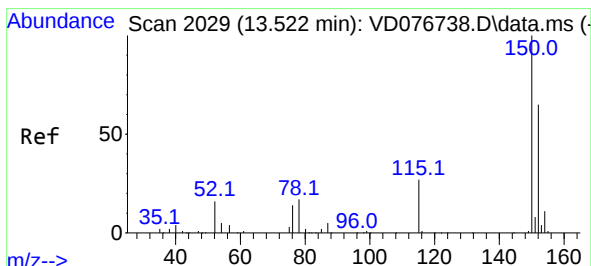
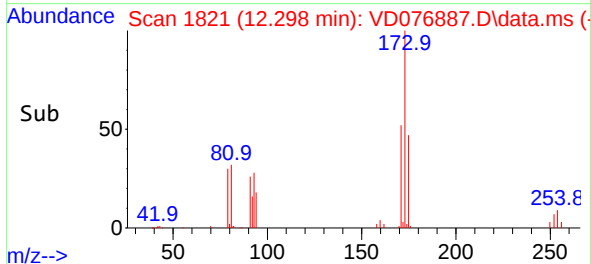
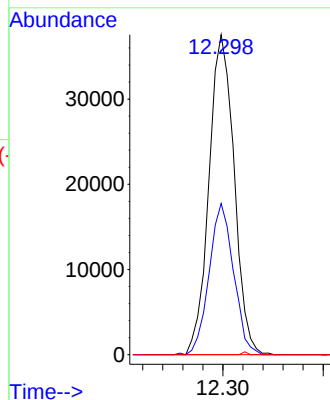
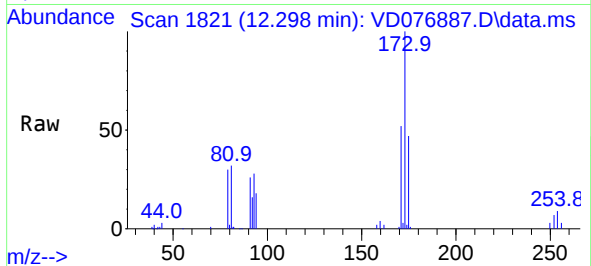




#71
Bromoform
Concen: 56.142 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

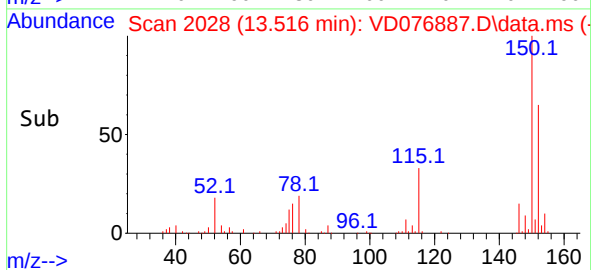
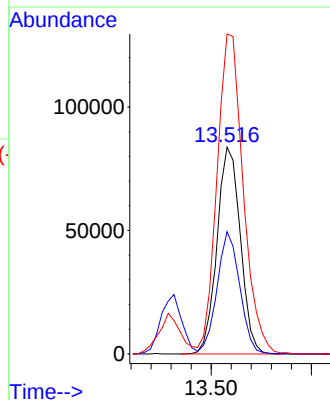
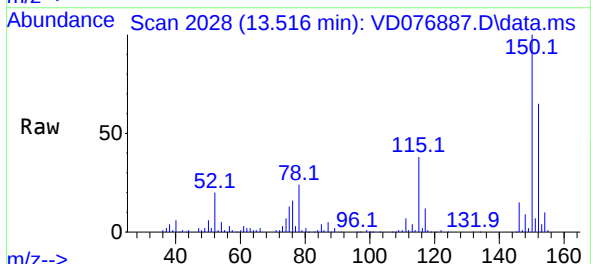
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

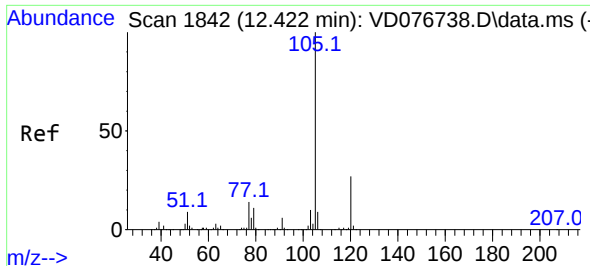
Tgt Ion:173 Resp: 65495
Ion Ratio Lower Upper
173 100
175 45.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:152 Resp: 135433
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 173.6 0.0 353.6

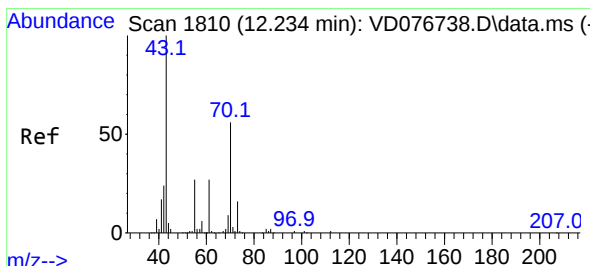
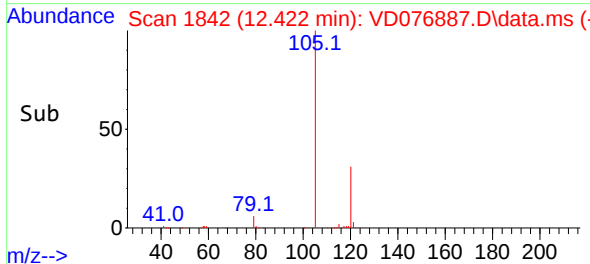
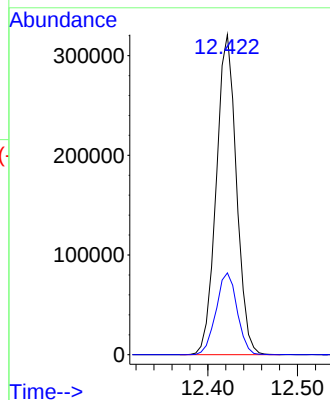
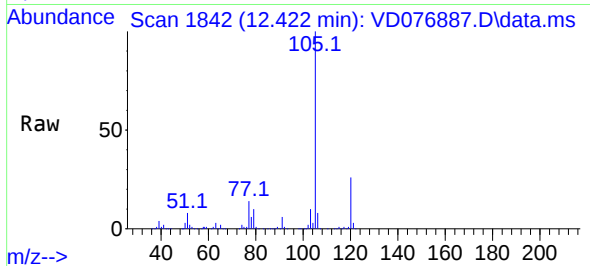




#73
Isopropylbenzene
Concen: 50.902 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

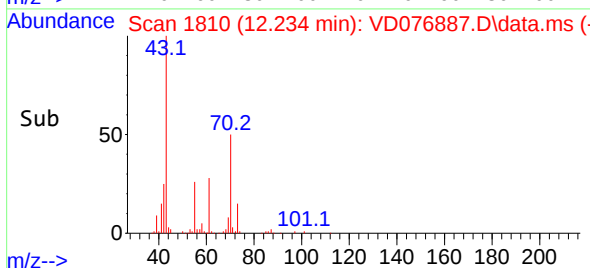
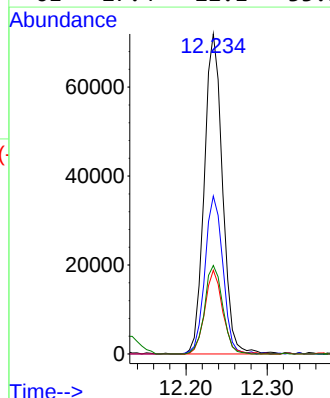
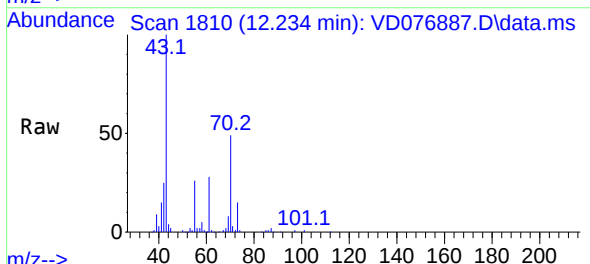
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

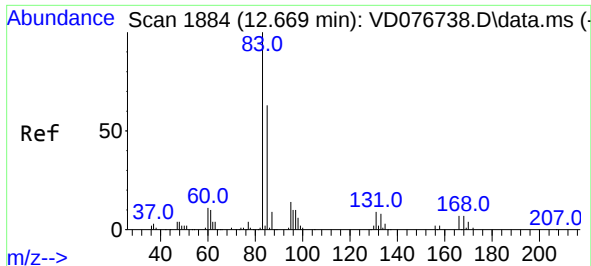
Tgt Ion:105 Resp: 500164
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 54.176 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 43 Resp: 112147
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 25.6 23.8 35.6
61 27.4 22.1 33.1

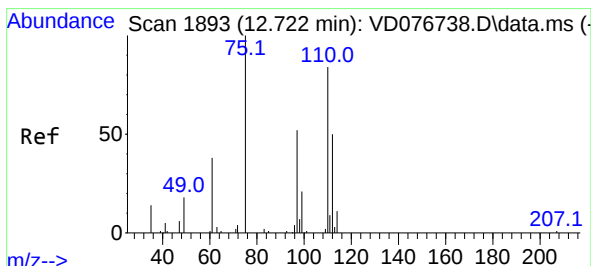
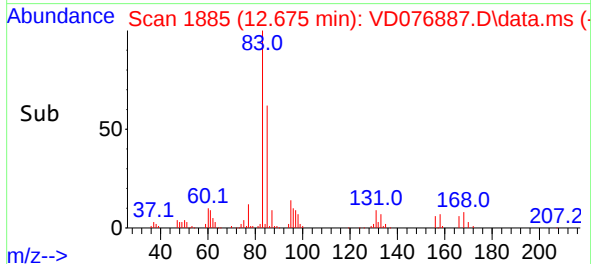
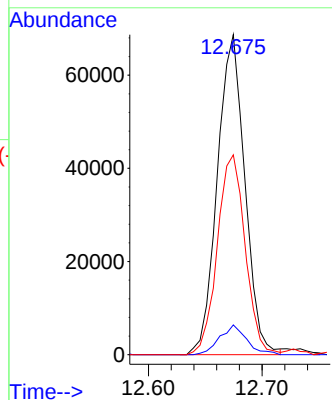
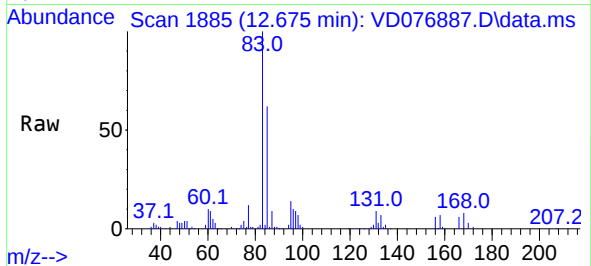




#75
1,1,2,2-Tetrachloroethane
Concen: 54.836 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

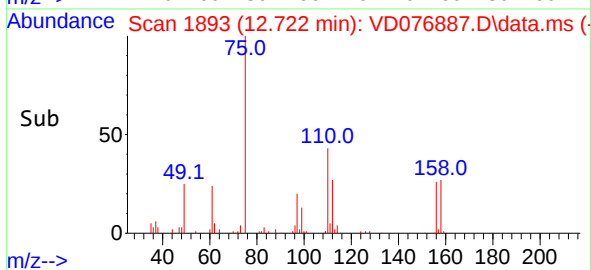
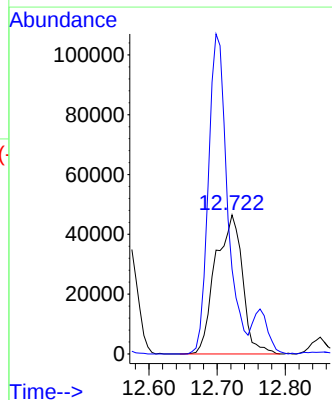
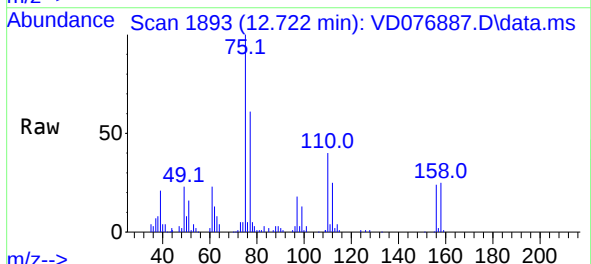
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

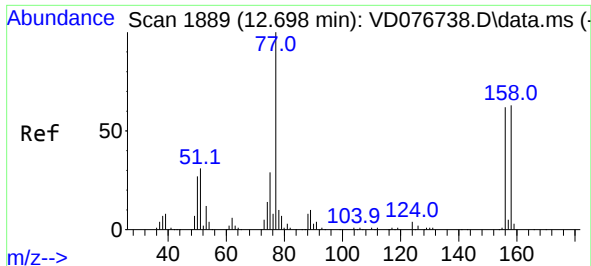
Tgt Ion: 83 Resp: 115688
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 63.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 99.745 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 75 Resp: 128467
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

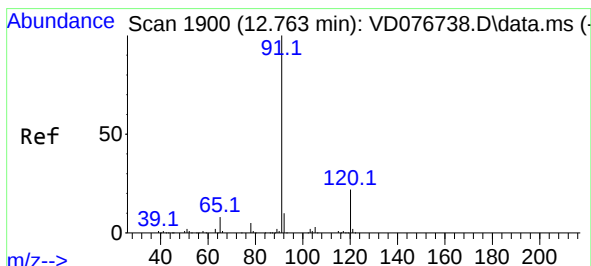
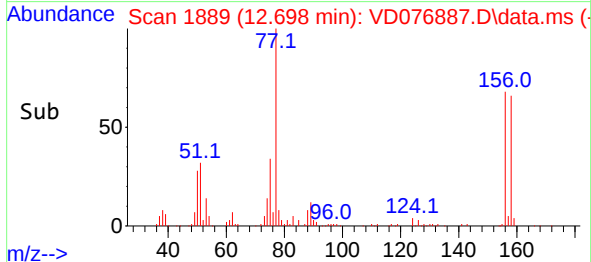
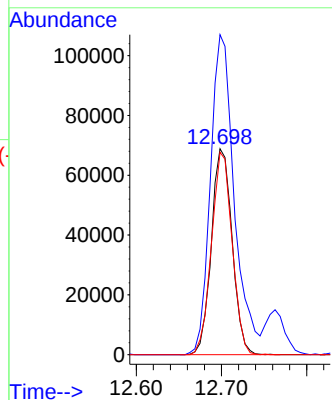
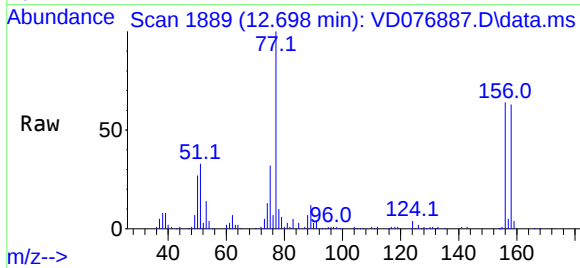




#77
Bromobenzene
Concen: 51.497 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

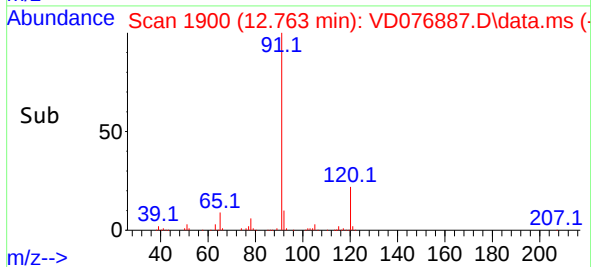
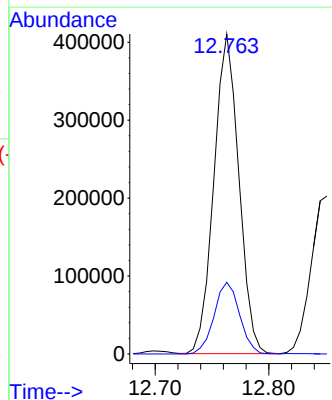
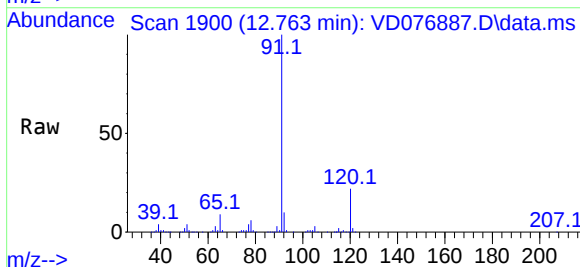
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

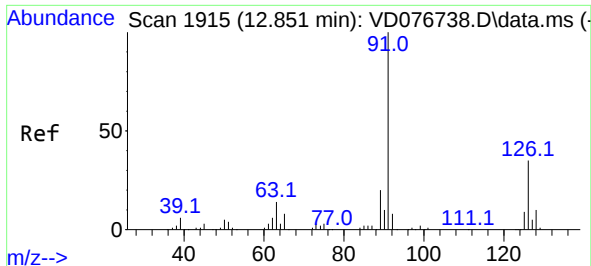
Tgt Ion:156 Resp: 116799
Ion Ratio Lower Upper
156 100
77 178.6 76.8 230.4
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 52.474 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 91 Resp: 625085
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2

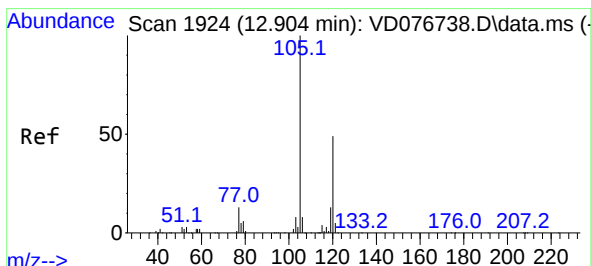
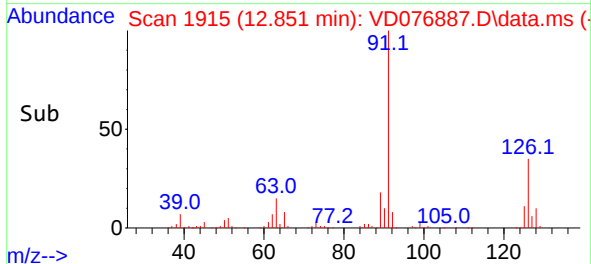
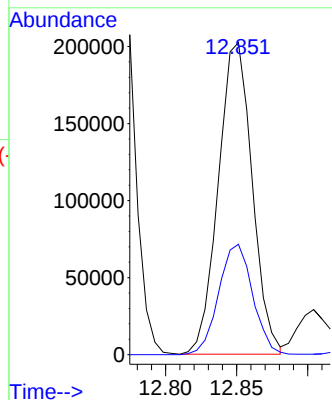
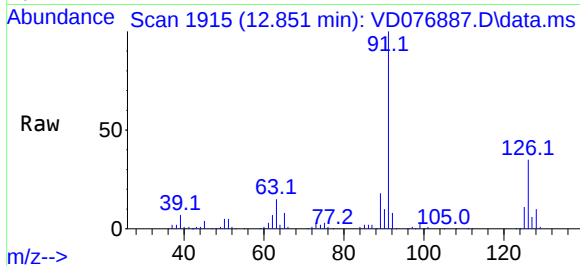




#79
2-Chlorotoluene
Concen: 51.419 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

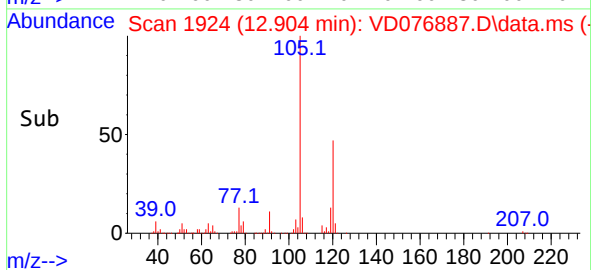
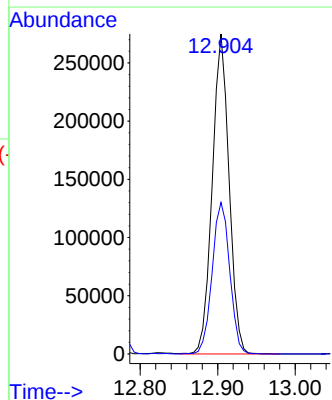
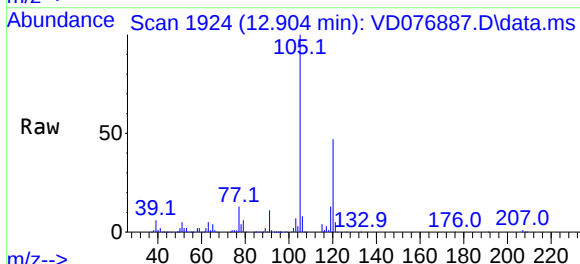
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

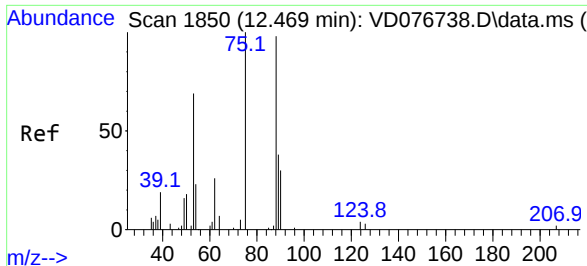
Tgt Ion: 91 Resp: 335845
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.079 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 105 Resp: 413780
Ion Ratio Lower Upper
105 100
120 49.5 26.4 79.2

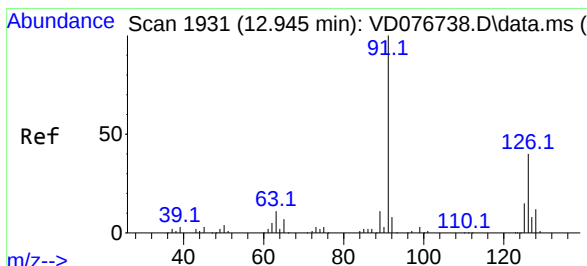
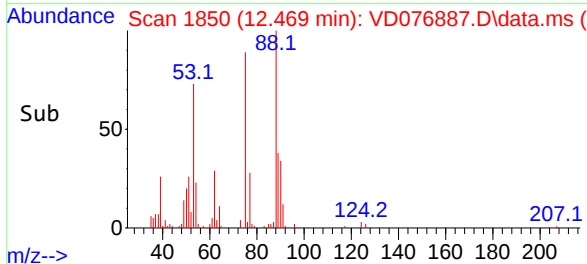
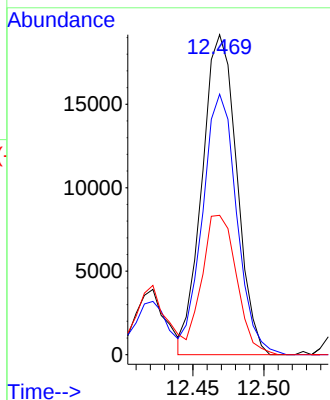
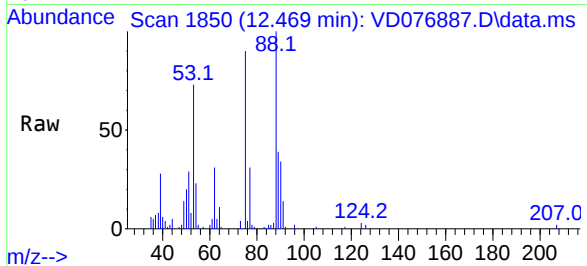




#81
trans-1,4-Dichloro-2-butene
Concen: 53.826 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

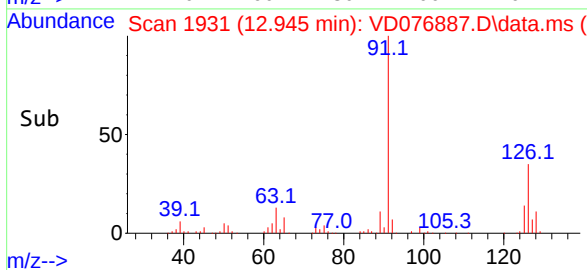
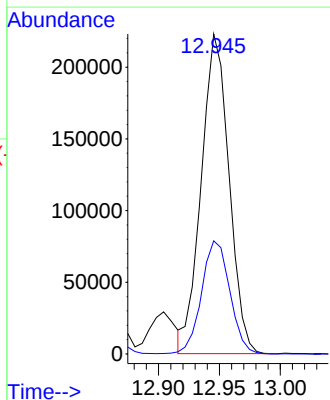
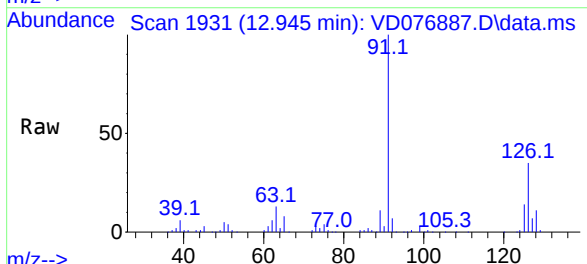
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

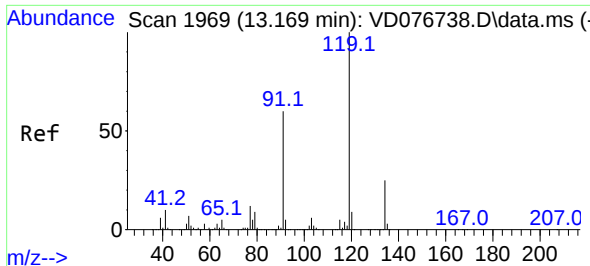
Tgt Ion: 75 Resp: 32574
Ion Ratio Lower Upper
75 100
53 80.6 63.0 94.4
89 43.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.827 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 91 Resp: 353634
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4

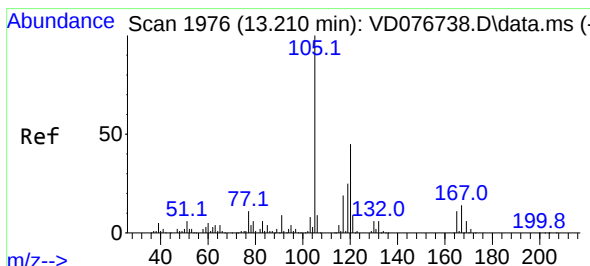
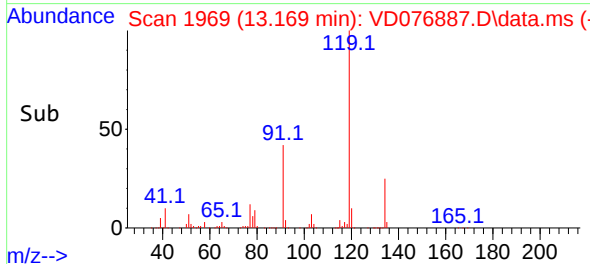
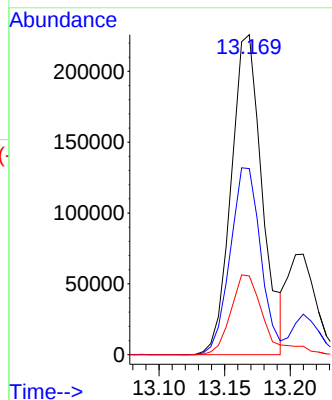
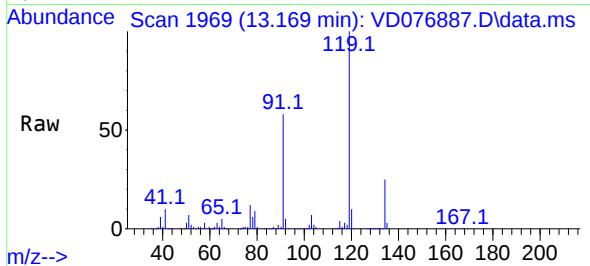




#83
tert-Butylbenzene
Concen: 53.239 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

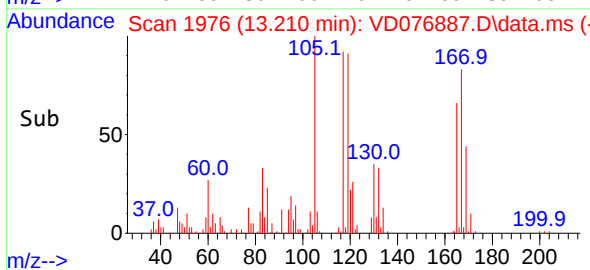
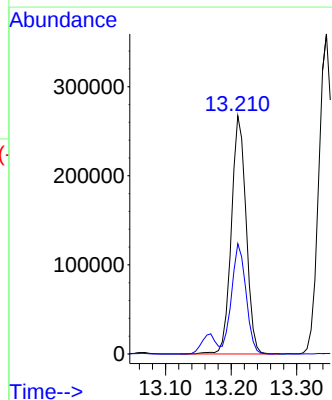
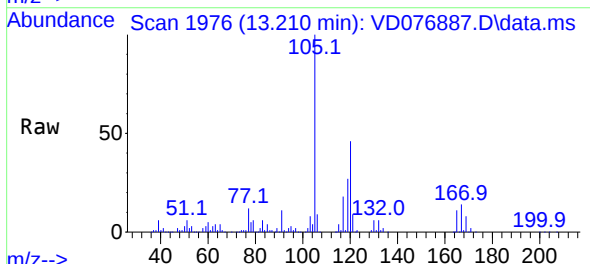
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

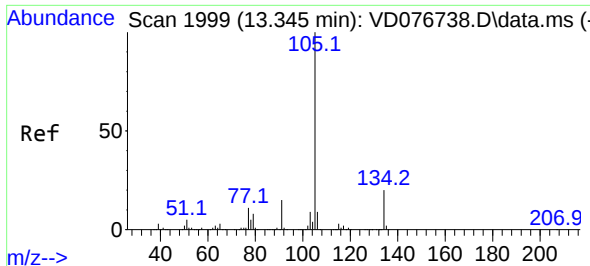
Tgt Ion:119 Resp: 372443
Ion Ratio Lower Upper
119 100
91 57.6 29.3 87.8
134 26.8 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.354 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:105 Resp: 416950
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9

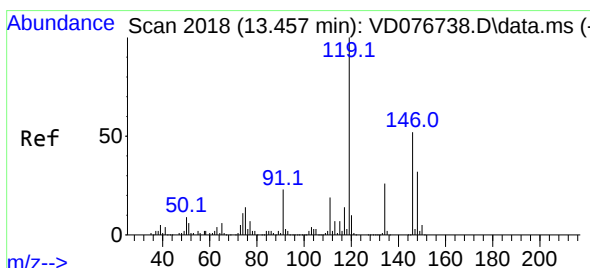
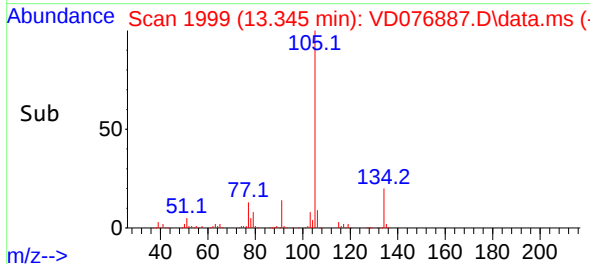
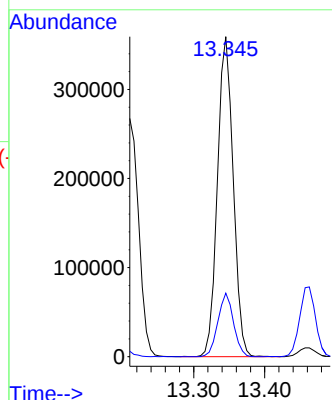
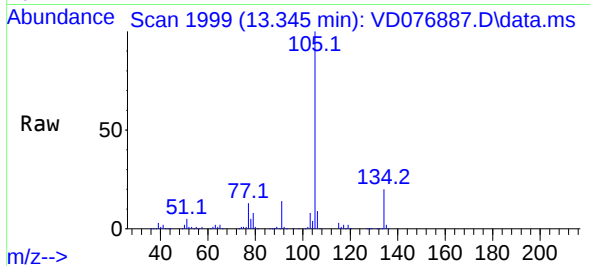




#85
 sec-Butylbenzene
 Concen: 51.626 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076887.D
 Acq: 01 Aug 2023 10:37

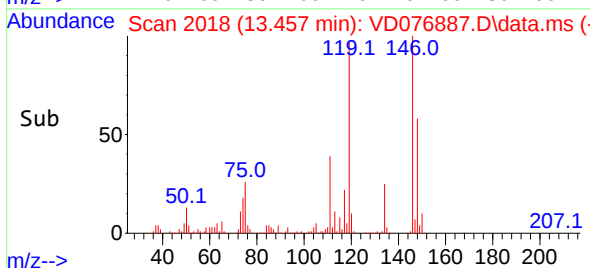
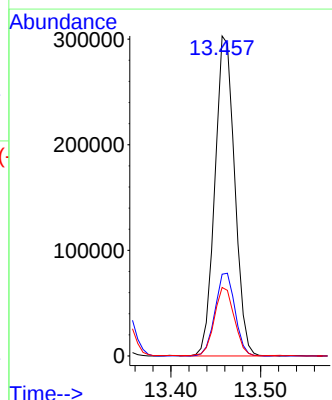
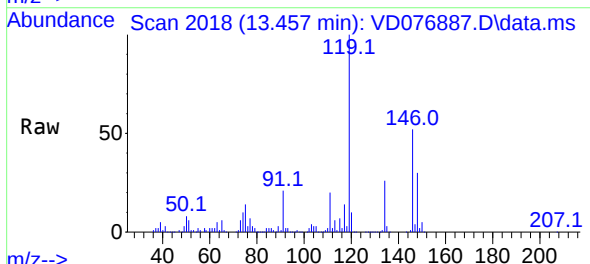
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

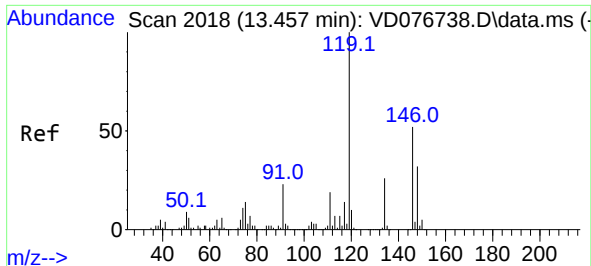
Tgt Ion:105 Resp: 551788
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.456 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076887.D
 Acq: 01 Aug 2023 10:37

Tgt Ion:119 Resp: 463030
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 53.335 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

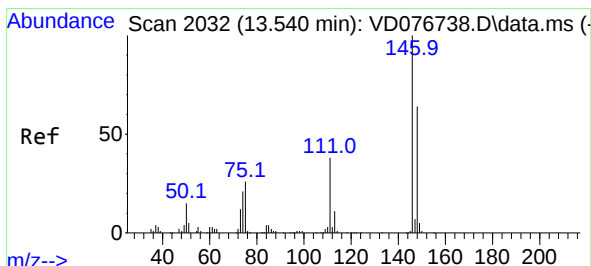
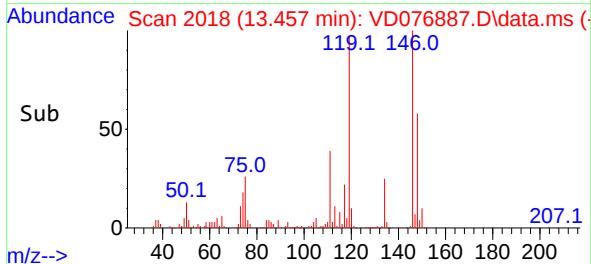
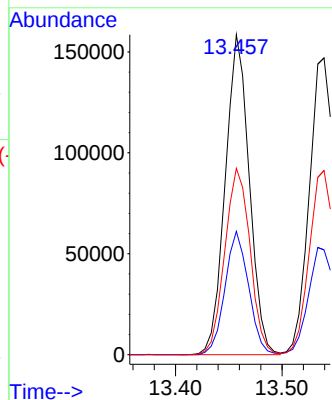
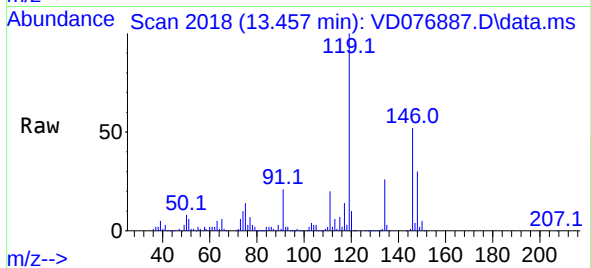
Tgt Ion:146 Resp: 248809

Ion Ratio Lower Upper

146 100

111 37.8 17.9 53.8

148 61.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 53.556 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD076887.D

Acq: 01 Aug 2023 10:37

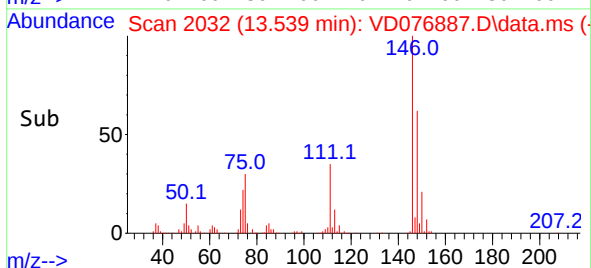
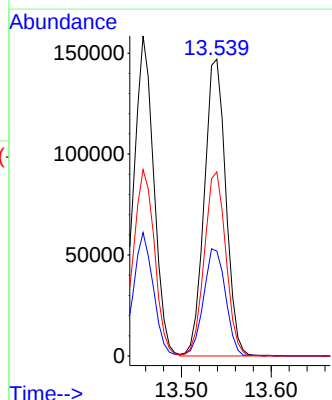
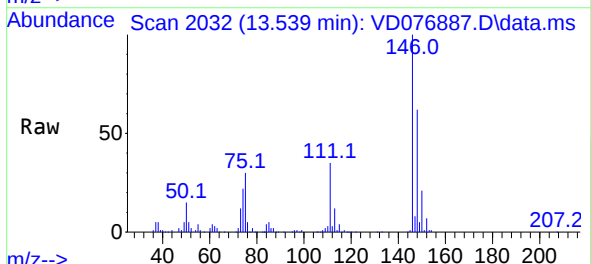
Tgt Ion:146 Resp: 244781

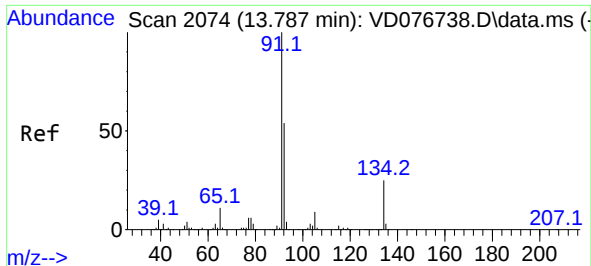
Ion Ratio Lower Upper

146 100

111 37.0 17.4 52.3

148 62.2 31.7 95.1

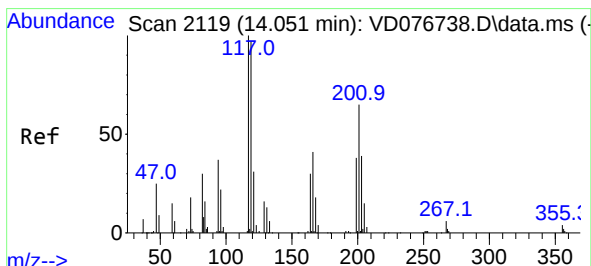
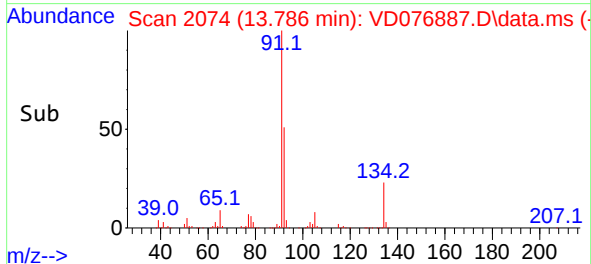
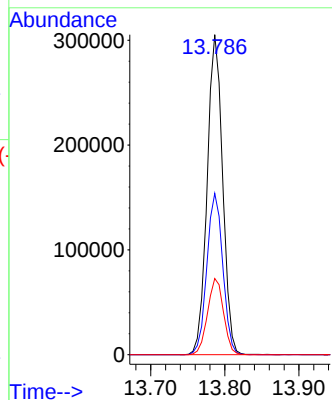
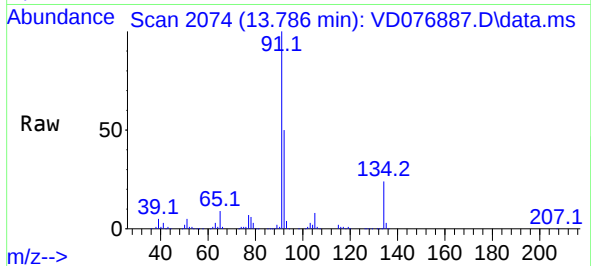




#89
n-Butylbenzene
Concen: 51.310 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

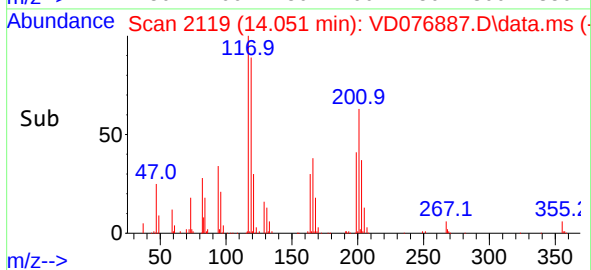
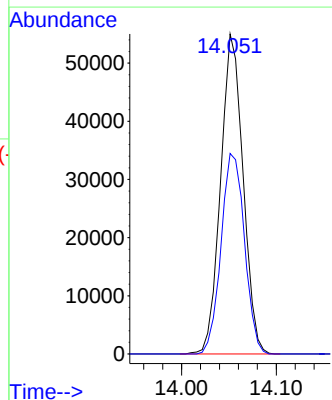
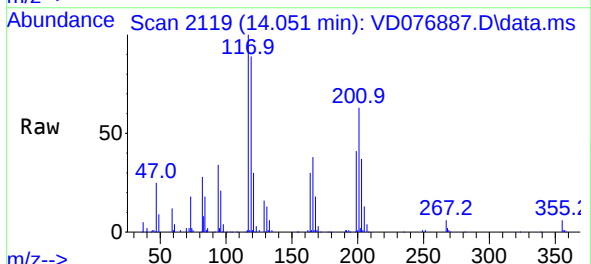
Instrument :
MSVOA_D
ClientSampleId :
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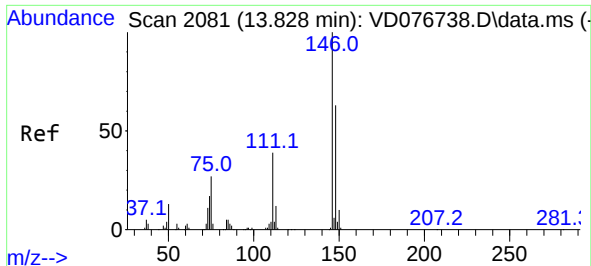
Tgt Ion: 91 Resp: 443190
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 24.6 13.8 41.3



#90
Hexachloroethane
Concen: 55.526 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 117 Resp: 90613
Ion Ratio Lower Upper
117 100
201 65.3 38.5 115.5

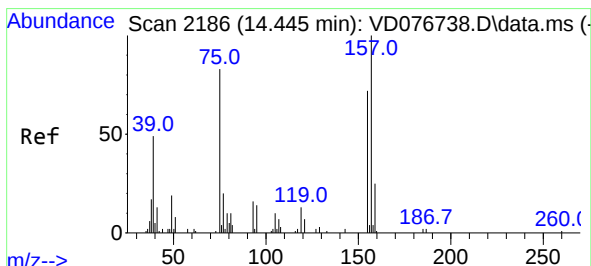
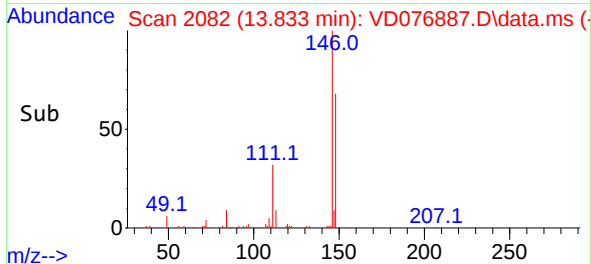
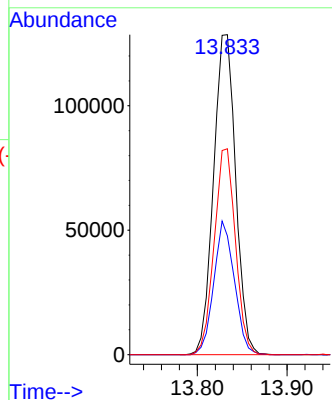
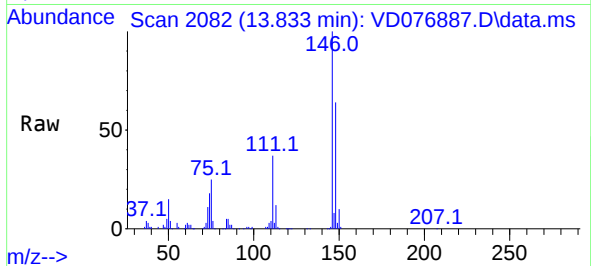




#91
1,2-Dichlorobenzene
Concen: 53.648 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.005 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

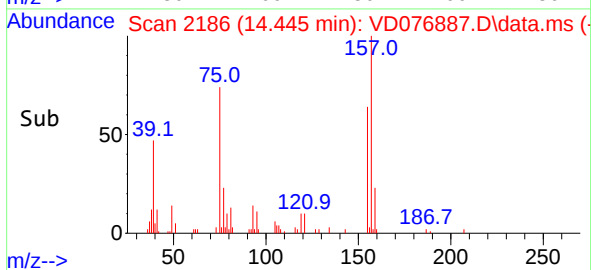
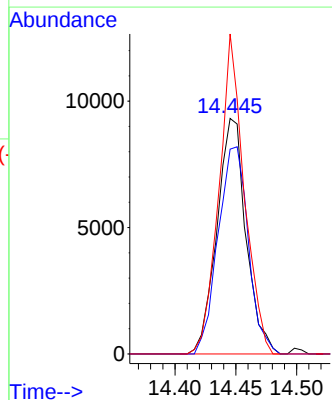
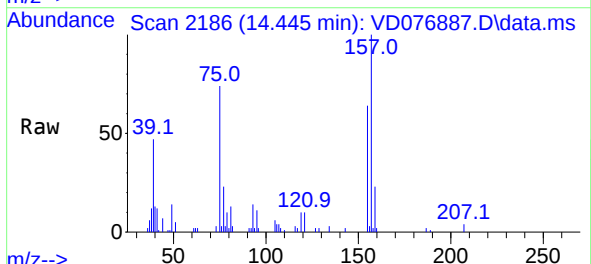
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

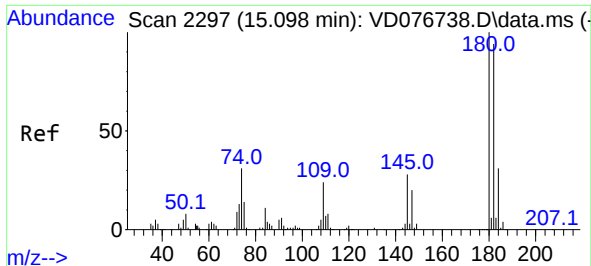
Tgt Ion:146 Resp: 220529
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 61.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.462 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion: 75 Resp: 15480
Ion Ratio Lower Upper
75 100
155 91.4 47.9 143.8
157 117.6 59.9 179.7

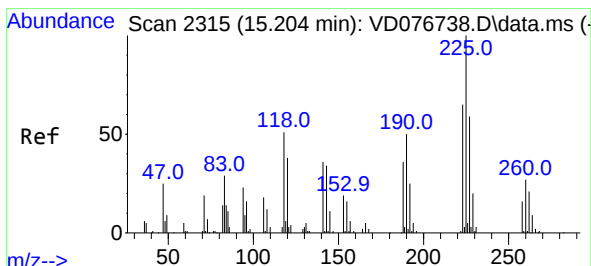
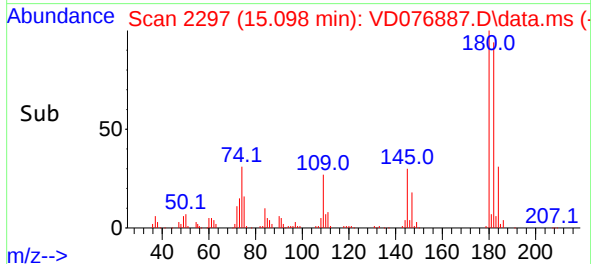
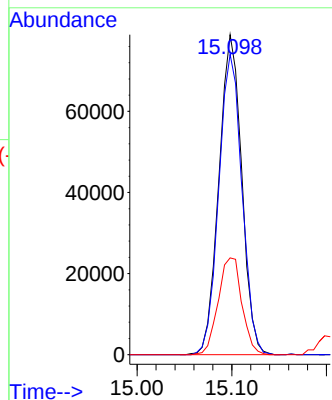
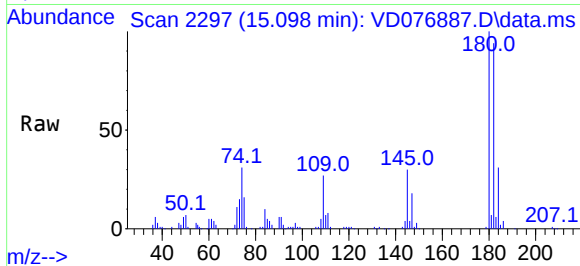




#93
 1,2,4-Trichlorobenzene
 Concen: 52.533 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076887.D
 Acq: 01 Aug 2023 10:37

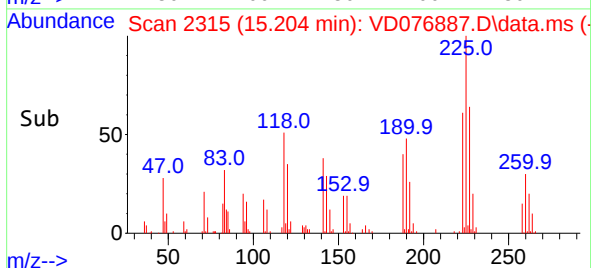
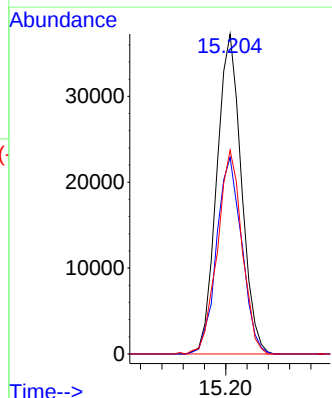
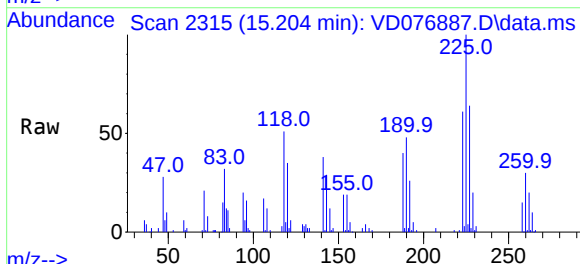
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

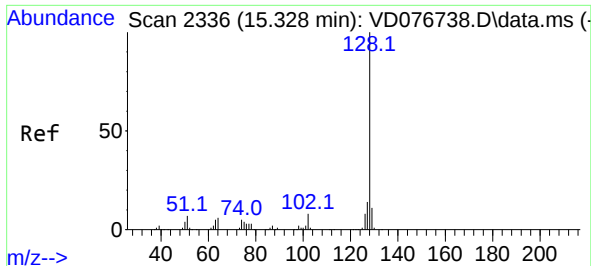
Tgt Ion:180 Resp: 131836
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.5 145.6
 145 31.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 49.443 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076887.D
 Acq: 01 Aug 2023 10:37

Tgt Ion:225 Resp: 59675
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 94.8
 227 63.7 31.7 95.1

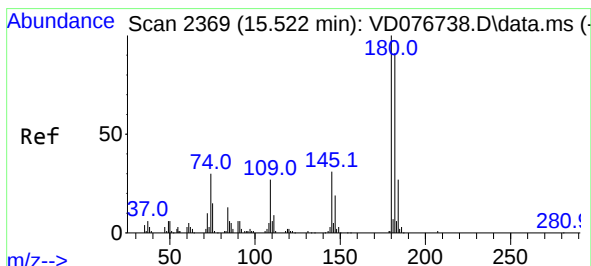
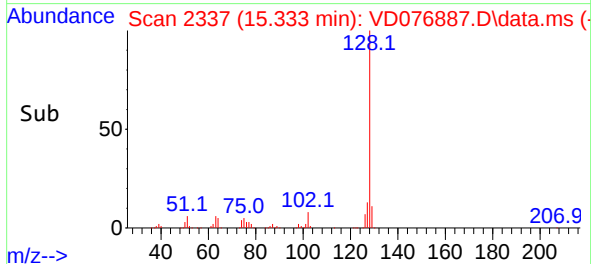
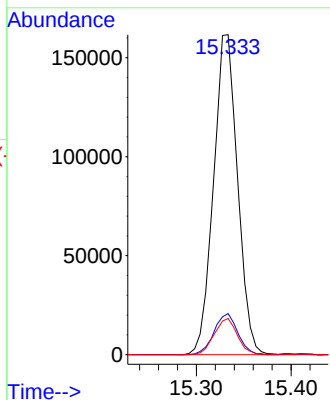
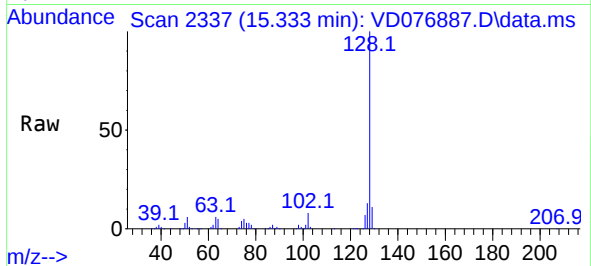




#95
Naphthalene
Concen: 52.524 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 285406
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.946 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076887.D
Acq: 01 Aug 2023 10:37

Tgt Ion:180 Resp: 119238
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 31.6 15.1 45.3

