

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076227.D
 Acq On : 25 May 2023 11:39
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 17:11:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	187108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	293967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157507	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	85257	47.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.300%
35) Dibromofluoromethane	7.804	113	99955	46.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.220%
50) Toluene-d8	10.269	98	388335	45.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.575	95	112416	47.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	69619	41.256	ug/l	97
3) Chloromethane	2.146	50	141383	51.114	ug/l	97
4) Vinyl Chloride	2.281	62	178777	49.123	ug/l	97
5) Bromomethane	2.687	94	112771	46.025	ug/l	98
6) Chloroethane	2.828	64	126965	51.855	ug/l	98
7) Trichlorofluoromethane	3.169	101	140542	45.561	ug/l	97
8) Diethyl Ether	3.587	74	47021	46.352	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.963	101	94315	46.417	ug/l	95
10) Methyl Iodide	4.157	142	109159	51.668	ug/l	90
11) Tert butyl alcohol	5.069	59	25562	267.222	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	92824	45.901	ug/l	89
13) Acrolein	3.793	56	50633	216.272	ug/l	96
14) Allyl chloride	4.563	41	96207	46.876	ug/l #	78
15) Acrylonitrile	5.257	53	114225	271.947	ug/l	98
16) Acetone	4.022	43	90939	252.753	ug/l #	73
17) Carbon Disulfide	4.263	76	240066	43.497	ug/l	98
18) Methyl Acetate	4.563	43	68923	53.701	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	208779	52.747	ug/l	100
20) Methylene Chloride	4.798	84	128904	44.047	ug/l #	80
21) trans-1,2-Dichloroethene	5.310	96	107906	46.298	ug/l	84
22) Diisopropyl ether	6.210	45	250578	52.600	ug/l #	92
23) Vinyl Acetate	6.157	43	609518	325.406	ug/l #	89
24) 1,1-Dichloroethane	6.110	63	184389	49.079	ug/l	98
25) 2-Butanone	7.081	43	122550	270.893	ug/l #	74
26) 2,2-Dichloropropane	7.069	77	146593	47.852	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	126824	49.036	ug/l	85
28) Bromochloromethane	7.428	49	60506	48.299	ug/l #	66
29) Tetrahydrofuran	7.445	42	75558	286.550	ug/l #	67
30) Chloroform	7.592	83	201826	50.234	ug/l	97
31) Cyclohexane	7.875	56	123427	44.566	ug/l #	83
32) 1,1,1-Trichloroethane	7.792	97	156073	48.745	ug/l	97
36) 1,1-Dichloropropene	8.004	75	139185	47.538	ug/l	95
37) Ethyl Acetate	7.169	43	57034	56.255	ug/l #	84
38) Carbon Tetrachloride	7.992	117	122502	46.321	ug/l	98
39) Methylcyclohexane	9.275	83	153528	45.546	ug/l	91
40) Benzene	8.251	78	442625	47.022	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	24849	44.699	ug/l #	55
42) 1,2-Dichloroethane	8.322	62	109456	49.162	ug/l	91
43) Isopropyl Acetate	8.357	43	97010	51.222	ug/l #	85
44) Trichloroethene	9.028	130	117959	44.466	ug/l	91
45) 1,2-Dichloropropane	9.304	63	111929	48.207	ug/l	94
46) Dibromomethane	9.392	93	63750	48.984	ug/l	96
47) Bromodichloromethane	9.586	83	150613	48.152	ug/l	96
48) Methyl methacrylate	9.381	41	42401	50.585	ug/l #	59
49) 1,4-Dioxane	9.386	88	15076	1083.267	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	275583	273.593	ug/l #	80
52) Toluene	10.333	92	282971	48.132	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	138270	49.048	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	169432	49.249	ug/l #	75
55) 1,1,2-Trichloroethane	10.733	97	95055	50.932	ug/l	94
56) Ethyl methacrylate	10.598	69	97653	52.056	ug/l #	68
57) 1,3-Dichloropropane	10.880	76	147877	50.504	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	232727	258.565	ug/l	93
59) 2-Hexanone	10.922	43	192928	271.593	ug/l	75
60) Dibromochloromethane	11.075	129	105121	50.093	ug/l	99
61) 1,2-Dibromoethane	11.180	107	83865	50.515	ug/l	97
64) Tetrachloroethene	10.810	164	94811	41.942	ug/l	94
65) Chlorobenzene	11.610	112	310112	46.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	111423	48.380	ug/l	95
67) Ethyl Benzene	11.686	91	515924	48.245	ug/l	98
68) m/p-Xylenes	11.792	106	436462	99.863	ug/l	89
69) o-Xylene	12.122	106	196010	49.150	ug/l	93
70) Styrene	12.133	104	351586	50.849	ug/l	94
71) Bromoform	12.298	173	62082	47.923	ug/l #	99
73) Isopropylbenzene	12.422	105	496432	47.645	ug/l	97
74) N-amyl acetate	12.233	43	88197	47.523	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	107618	48.058	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	124904	90.621	ug/l #	100
77) Bromobenzene	12.704	156	125910	45.086	ug/l	92
78) n-propylbenzene	12.763	91	623658	48.088	ug/l	97
79) 2-Chlorotoluene	12.851	91	332668	46.347	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	414962	48.042	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	32304	49.167	ug/l #	72
82) 4-Chlorotoluene	12.945	91	348522	45.649	ug/l	92
83) tert-Butylbenzene	13.169	119	349509	47.880	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	417144	48.494	ug/l	94
85) sec-Butylbenzene	13.345	105	544237	47.839	ug/l	96
86) p-Isopropyltoluene	13.463	119	461064	49.531	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	264637	46.868	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	258768	46.283	ug/l	97
89) n-Butylbenzene	13.786	91	420842	47.974	ug/l	98
90) Hexachloroethane	14.051	117	86672	45.266	ug/l	96
91) 1,2-Dichlorobenzene	13.827	146	229600	46.336	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14161	48.703	ug/l	81
93) 1,2,4-Trichlorobenzene	15.104	180	123770	42.941	ug/l	98
94) Hexachlorobutadiene	15.204	225	60911	41.447	ug/l	97
95) Naphthalene	15.333	128	266543	49.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	117417	44.793	ug/l	98

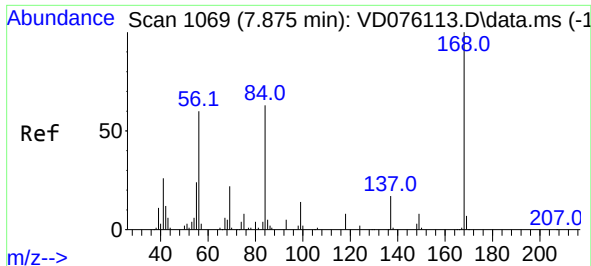
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Response via : Initial Calibration

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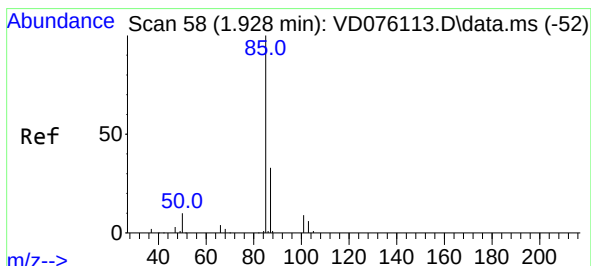
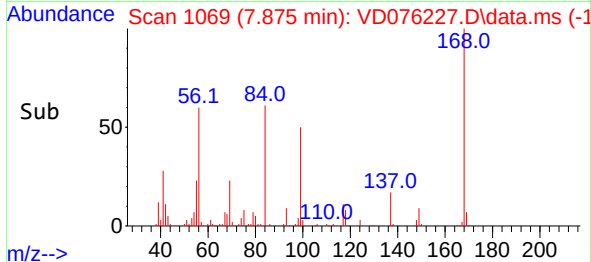
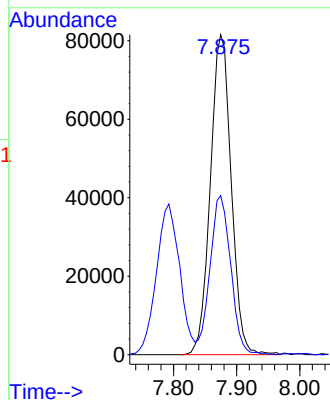
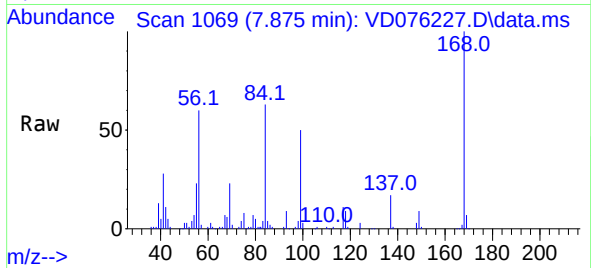
(#) = qualifier out of range (m) = manual integration (+) = signals summed



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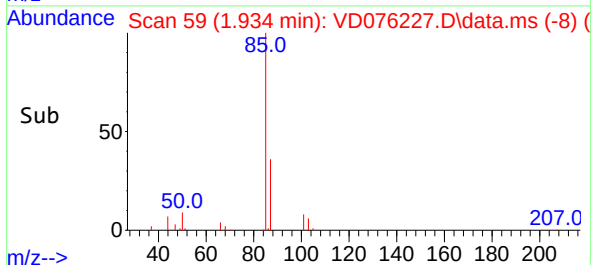
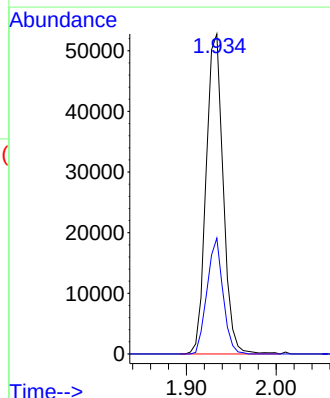
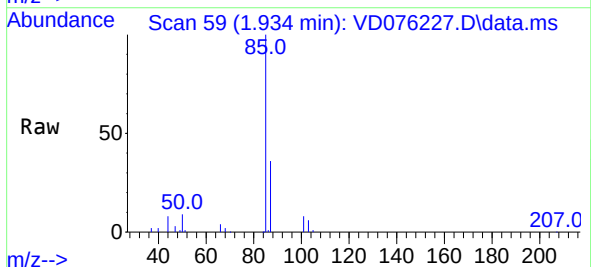
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 187108
Ion Ratio Lower Upper
168 100
99 49.5 43.8 65.6

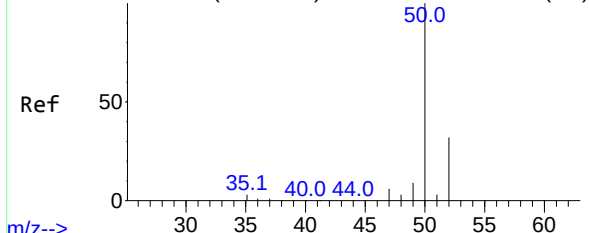


#2
Dichlorodifluoromethane
Concen: 41.256 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 85 Resp: 69619
Ion Ratio Lower Upper
85 100
87 36.2 17.3 51.7



Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



#3

Chloromethane

Concen: 51.114 ug/l

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

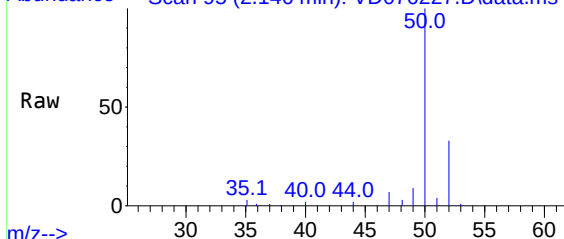
Tgt Ion: 50 Resp: 141383

Ion Ratio Lower Upper

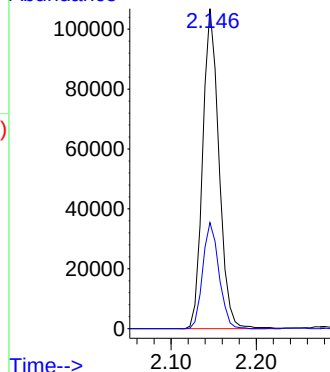
50 100

52 33.2 27.8 41.8

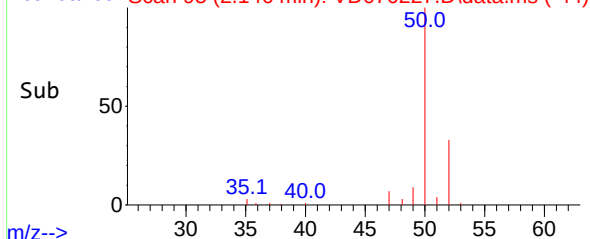
Abundance Scan 95 (2.146 min): VD076227.D\data.ms



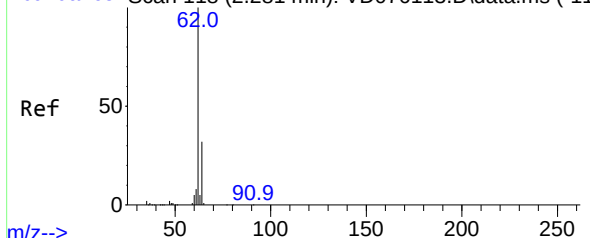
Abundance



Abundance Scan 95 (2.146 min): VD076227.D\data.ms (-44)



Abundance Scan 118 (2.281 min): VD076113.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 49.123 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

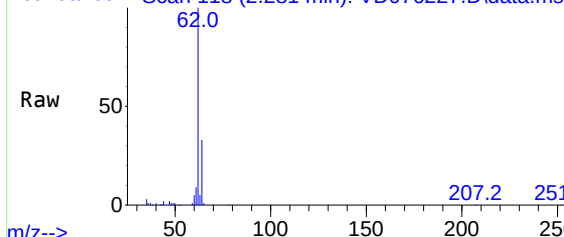
Tgt Ion: 62 Resp: 178777

Ion Ratio Lower Upper

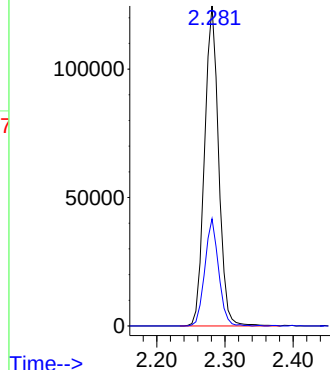
62 100

64 33.5 25.4 38.0

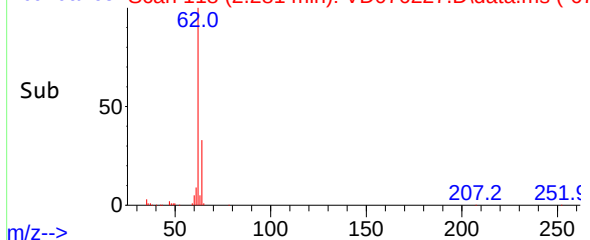
Abundance Scan 118 (2.281 min): VD076227.D\data.ms

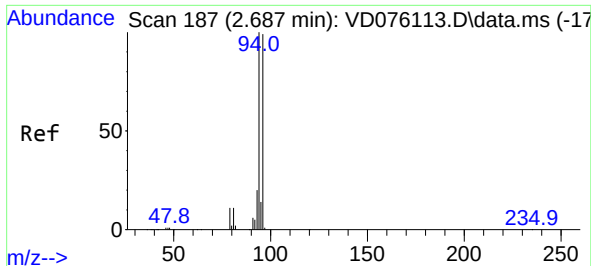


Abundance



Abundance Scan 118 (2.281 min): VD076227.D\data.ms (-67)

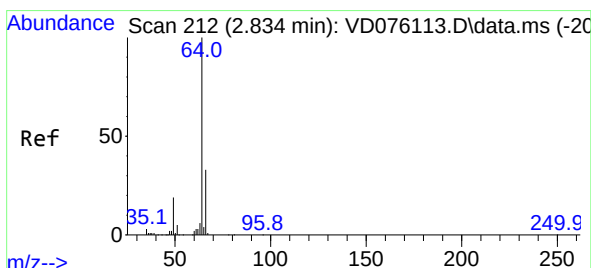
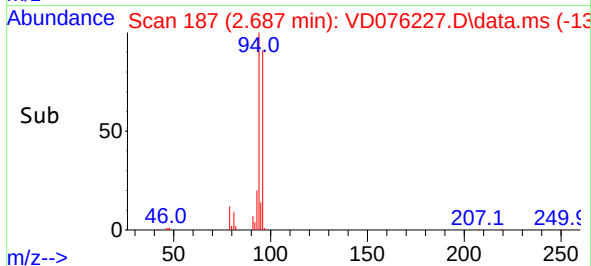
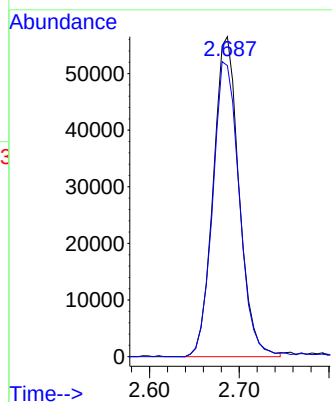
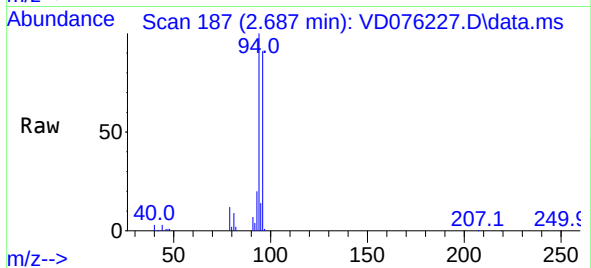




#5
Bromomethane
Concen: 46.025 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

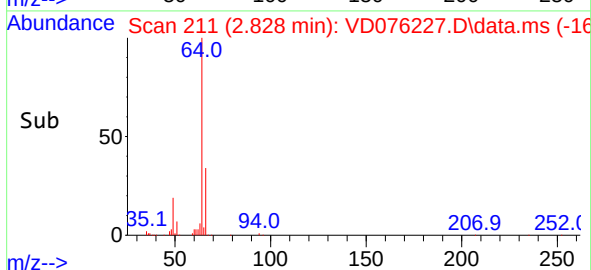
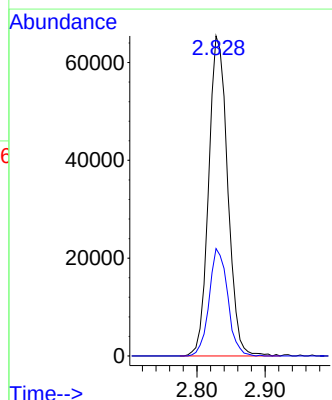
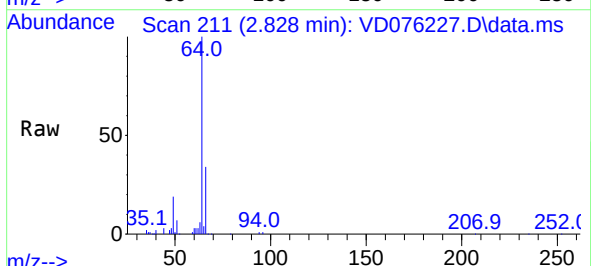
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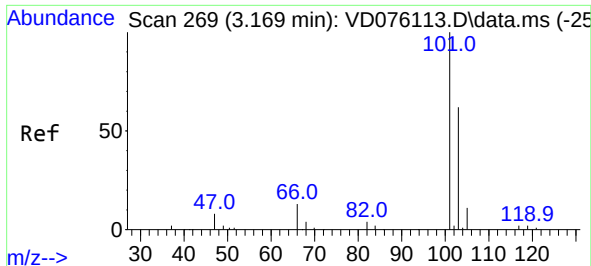
Tgt Ion: 94 Resp: 112771
Ion Ratio Lower Upper
94 100
96 95.2 77.5 116.3



#6
Chloroethane
Concen: 51.855 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 64 Resp: 126965
Ion Ratio Lower Upper
64 100
66 33.6 27.7 41.5

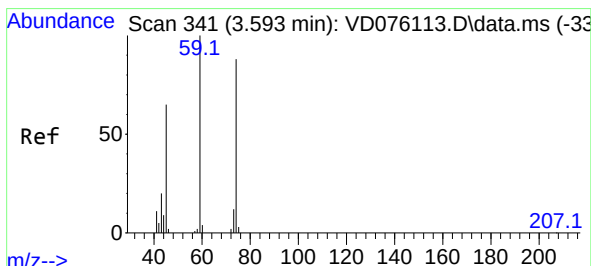
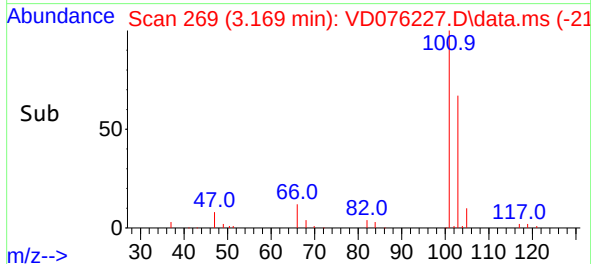
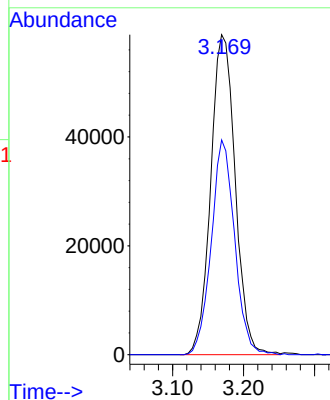
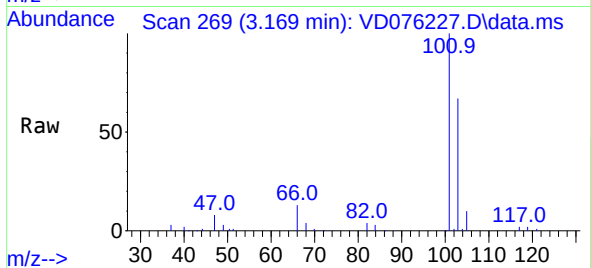




#7
Trichlorofluoromethane
Concen: 45.561 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

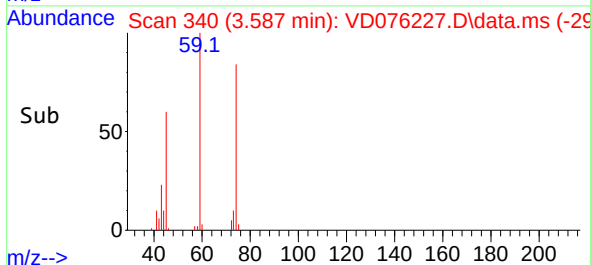
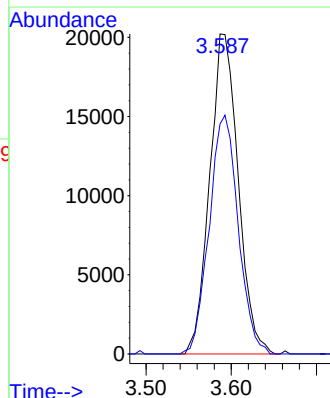
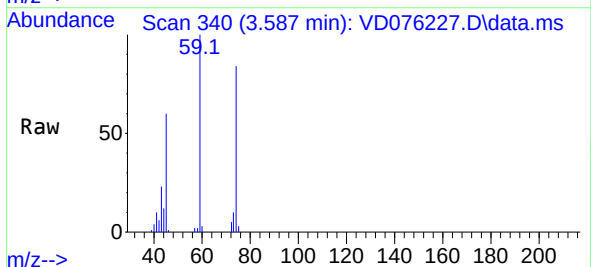
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

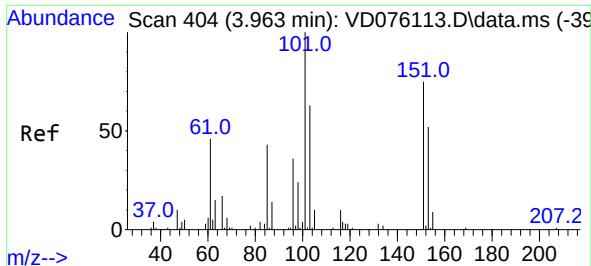
Tgt Ion:101 Resp: 140542
Ion Ratio Lower Upper
101 100
103 67.1 51.9 77.9



#8
Diethyl Ether
Concen: 46.352 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 74 Resp: 47021
Ion Ratio Lower Upper
74 100
45 75.7 50.9 152.7

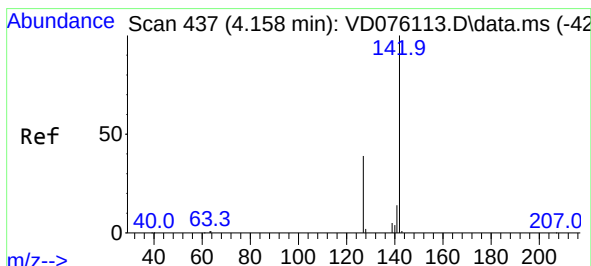
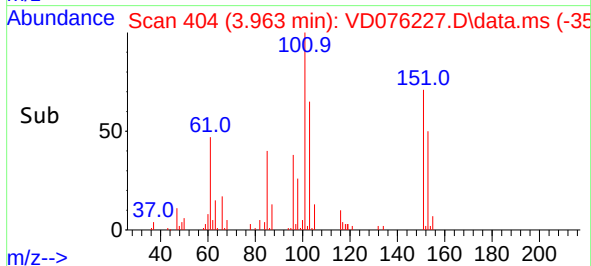
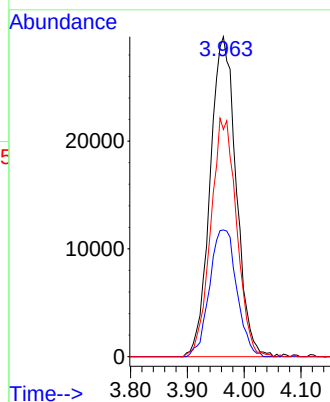
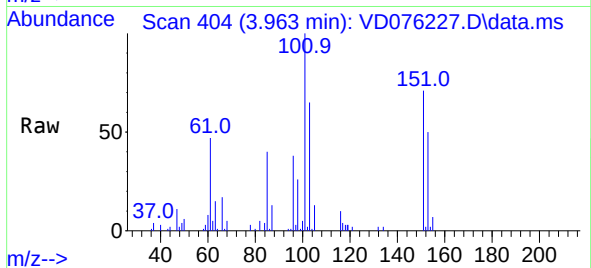




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.417 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

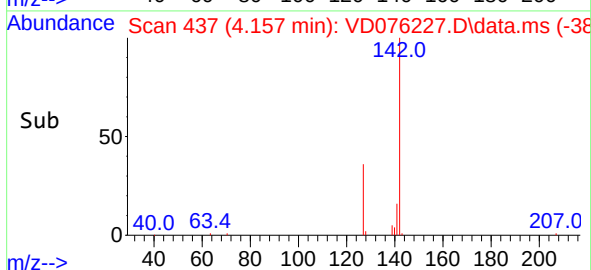
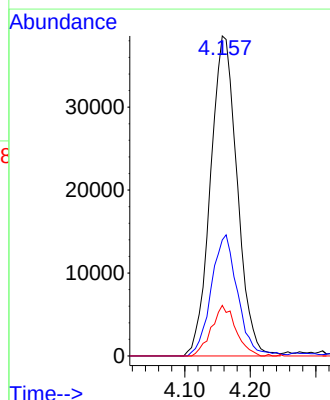
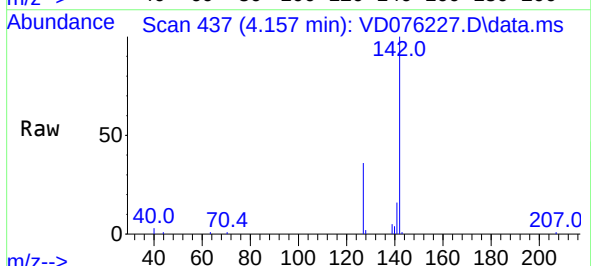
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

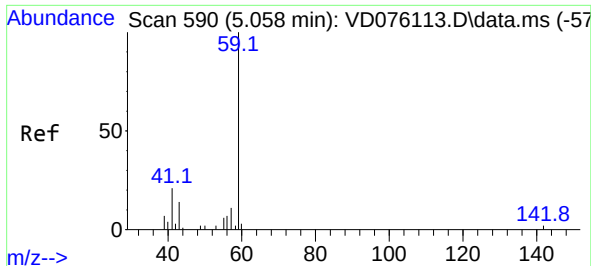
Tgt Ion:	101	Resp:	94315
Ion	Ratio	Lower	Upper
101	100		
85	41.5	38.3	57.5
151	74.1	60.4	90.6



#10
Methyl Iodide
Concen: 51.668 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.007 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:	142	Resp:	109159
Ion	Ratio	Lower	Upper
142	100		
127	37.5	37.1	55.7
141	14.4	11.3	16.9





#11

Tert butyl alcohol

Concen: 267.222 ug/l

RT: 5.069 min Scan# 59

Delta R.T. 0.017 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

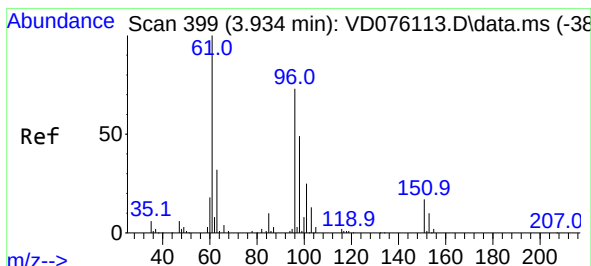
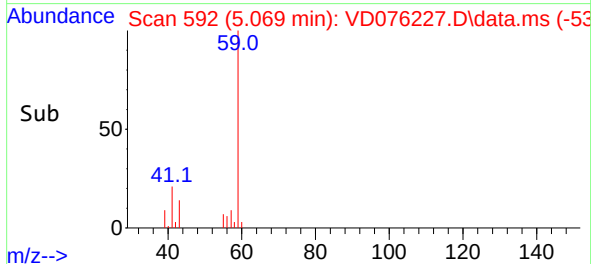
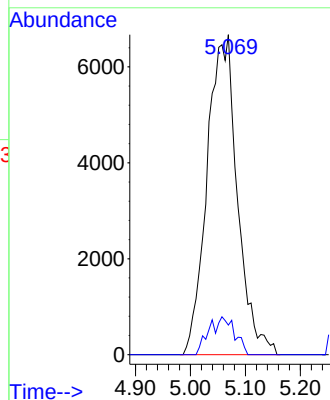
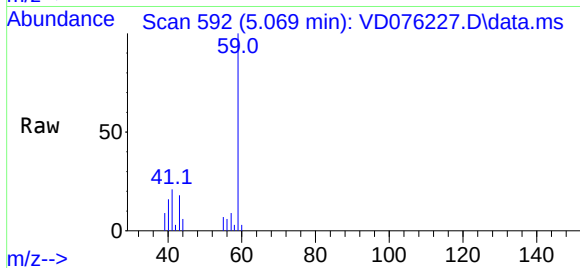
VSTDCCC050

Tgt Ion: 59 Resp: 25562

Ion Ratio Lower Upper

59 100

57 6.5 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 45.901 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

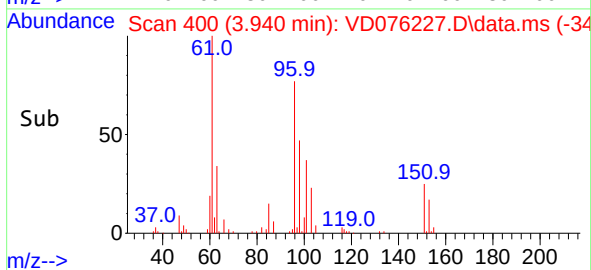
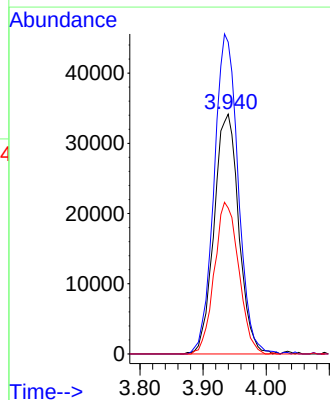
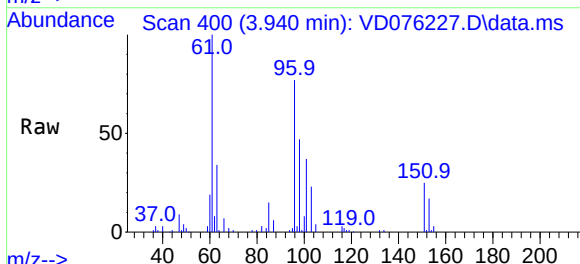
Tgt Ion: 96 Resp: 92824

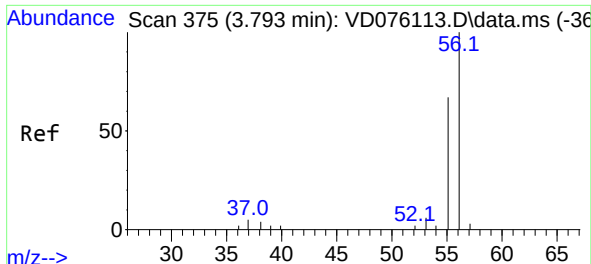
Ion Ratio Lower Upper

96 100

61 130.0 118.6 177.8

98 60.8 49.7 74.5

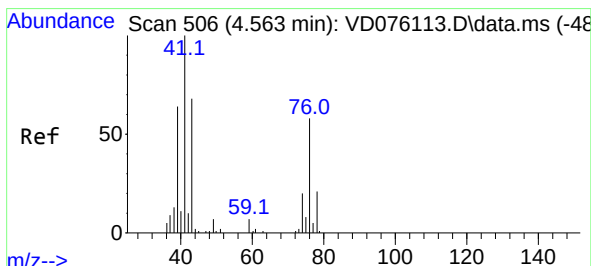
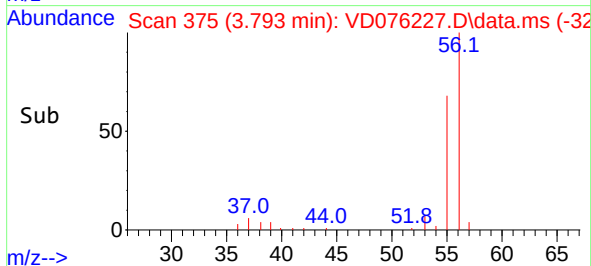
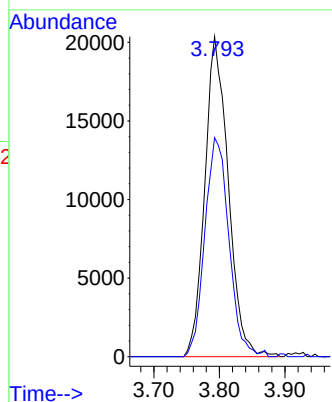
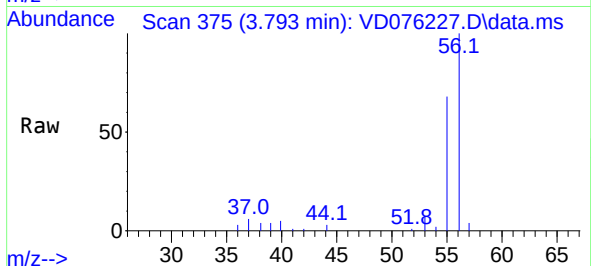




#13
Acrolein
Concen: 216.272 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

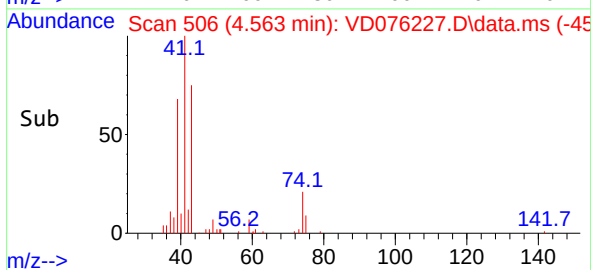
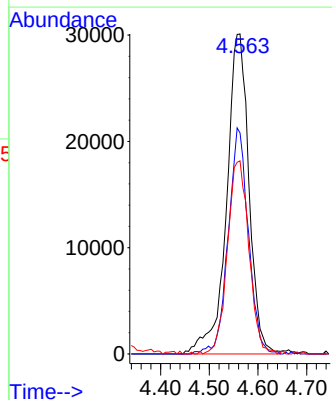
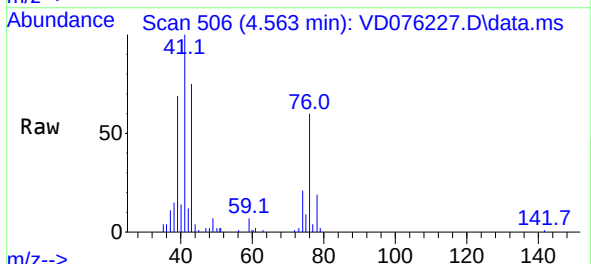
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

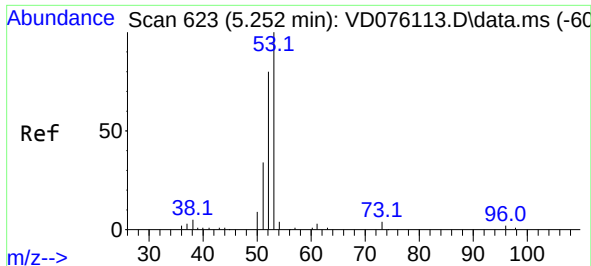
Tgt Ion: 56 Resp: 50633
Ion Ratio Lower Upper
56 100
55 70.4 53.9 80.9



#14
Allyl chloride
Concen: 46.876 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 41 Resp: 96207
Ion Ratio Lower Upper
41 100
39 63.5 60.6 90.8
76 57.7 28.6 43.0#

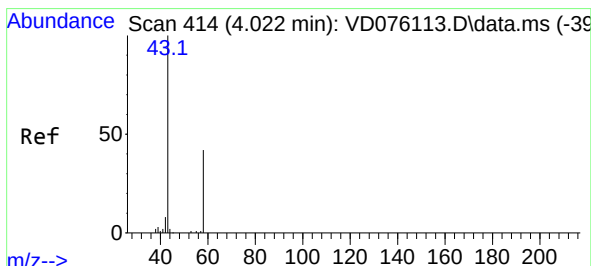
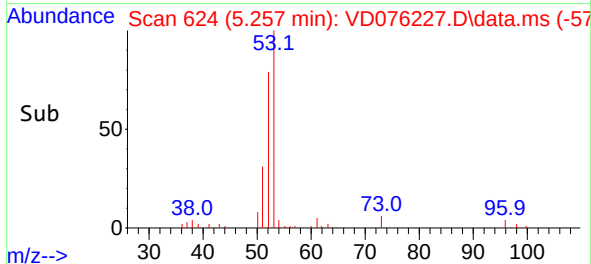
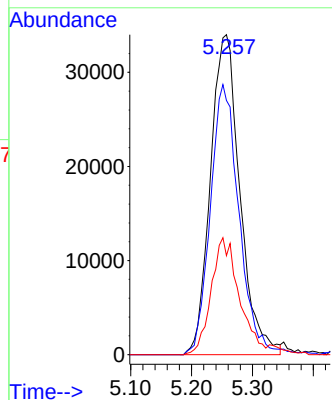
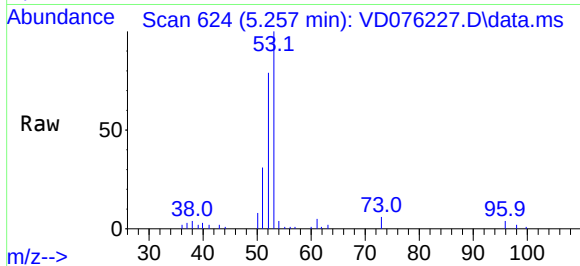




#15
Acrylonitrile
Concen: 271.947 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

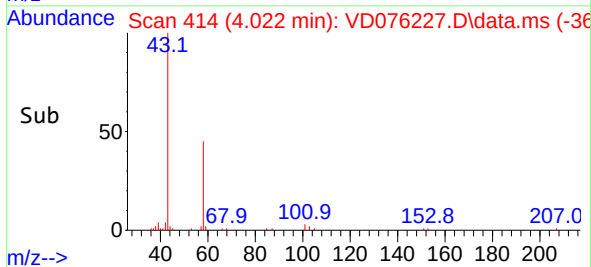
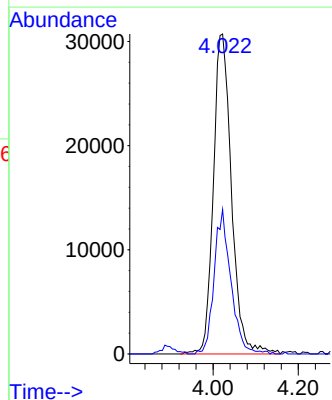
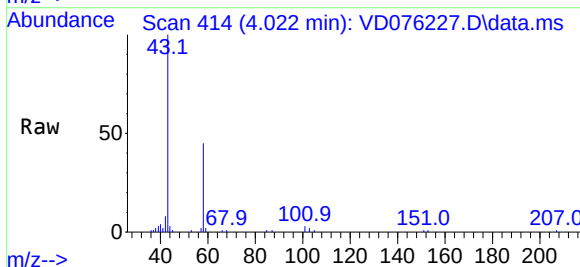
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

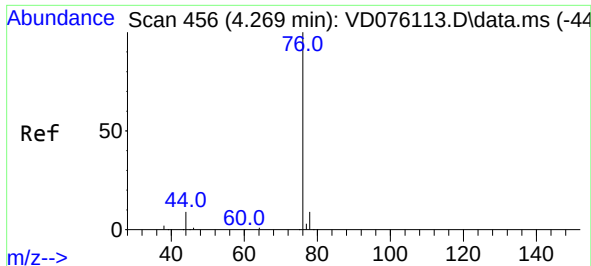
Tgt Ion: 53 Resp: 114225
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.4
51 34.7 30.7 46.1



#16
Acetone
Concen: 252.753 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 43 Resp: 90939
Ion Ratio Lower Upper
43 100
58 45.1 24.4 36.6#

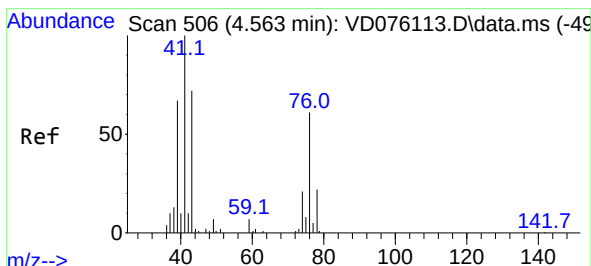
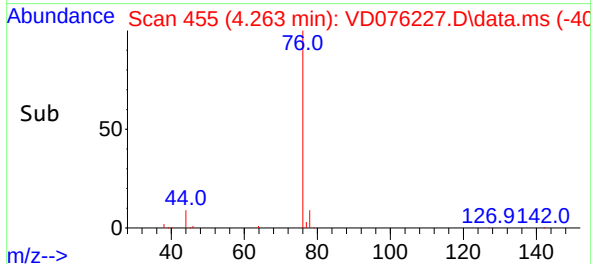
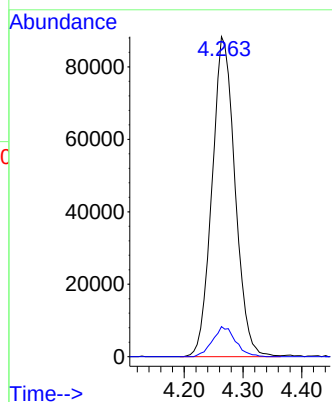
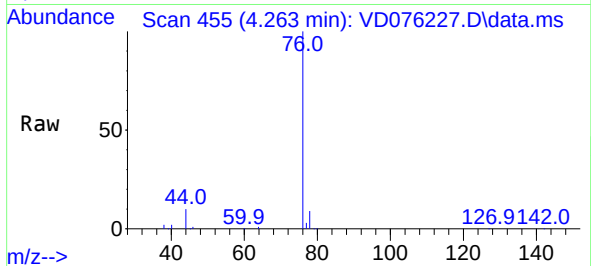




#17
Carbon Disulfide
Concen: 43.497 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

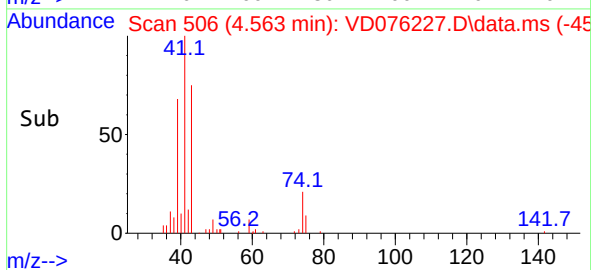
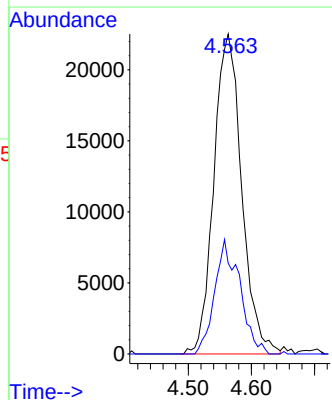
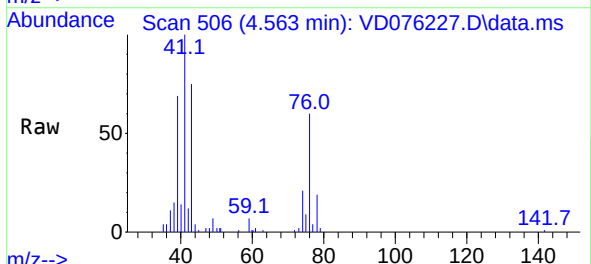
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

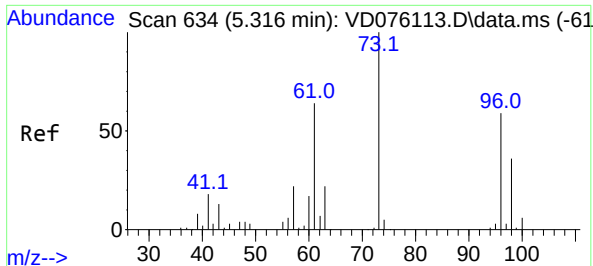
Tgt Ion: 76 Resp: 240066
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 53.701 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 43 Resp: 68923
Ion Ratio Lower Upper
43 100
74 32.3 17.8 26.6#

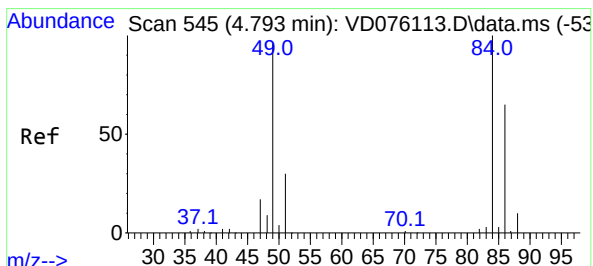
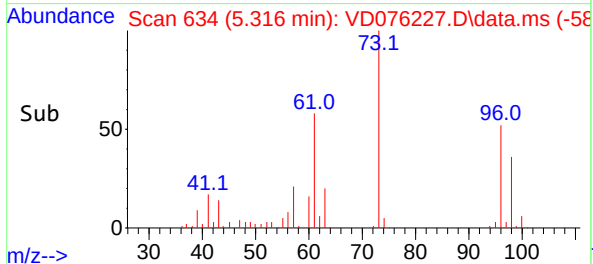
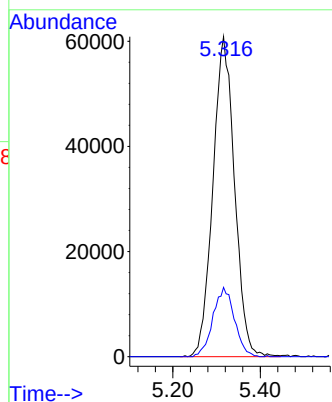
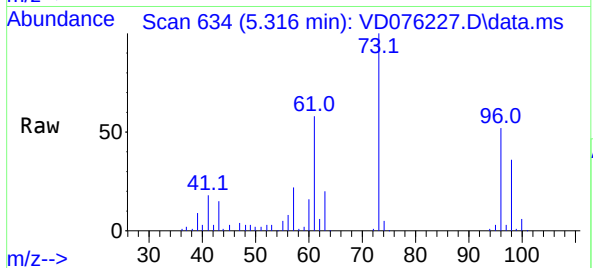




#19
Methyl tert-butyl Ether
Concen: 52.747 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

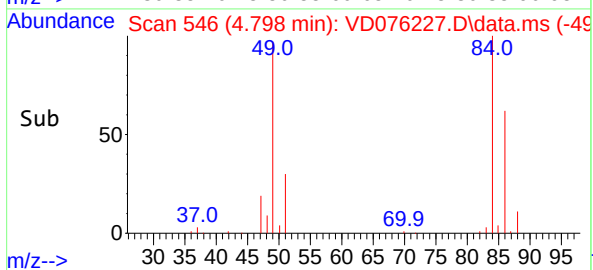
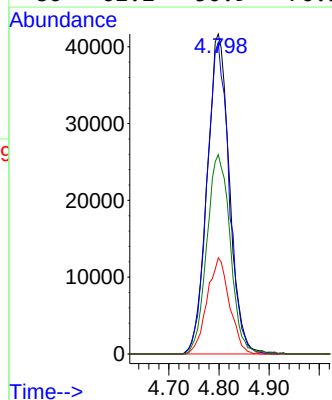
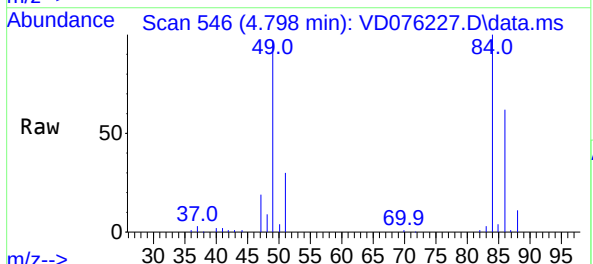
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

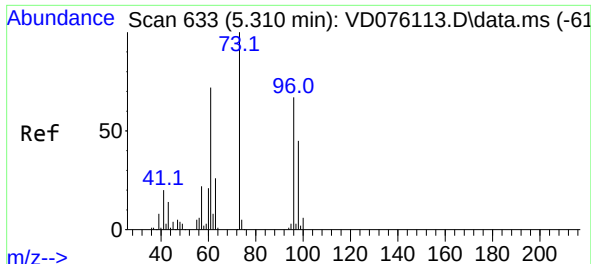
Tgt Ion: 73 Resp: 208779
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 44.047 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 84 Resp: 128904
Ion Ratio Lower Upper
84 100
49 97.4 106.4 159.6#
51 30.0 32.4 48.6#
86 62.2 50.9 76.3

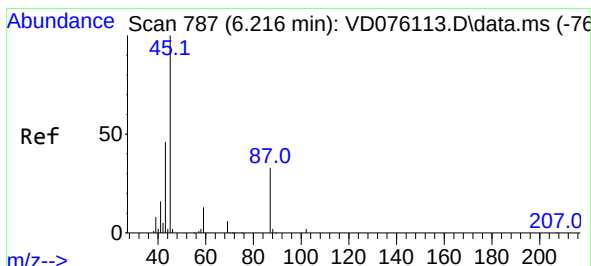
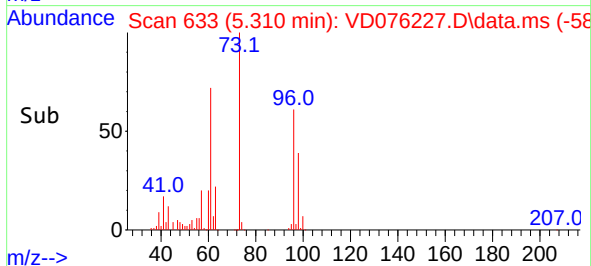
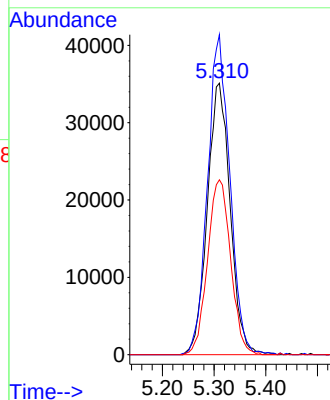
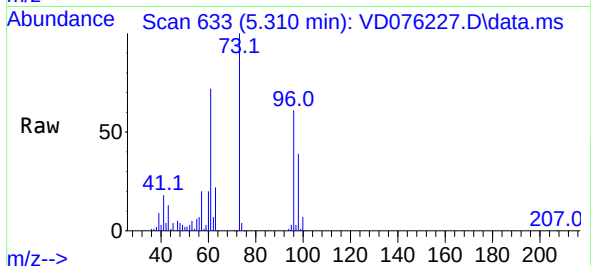




#21
trans-1,2-Dichloroethene
Concen: 46.298 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

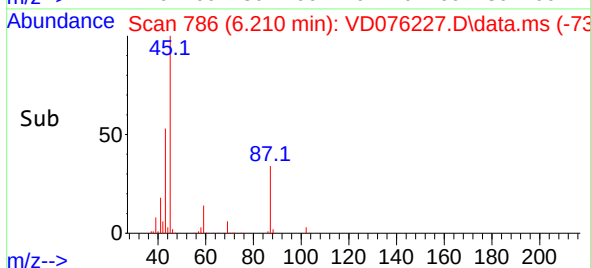
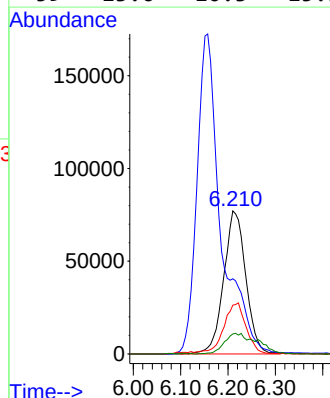
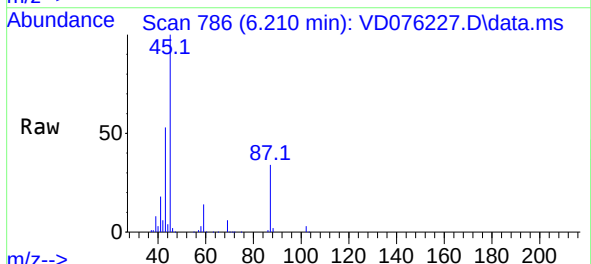
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

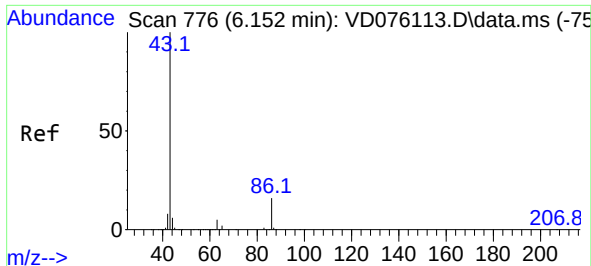
Tgt Ion: 96 Resp: 107906
Ion Ratio Lower Upper
96 100
61 117.9 117.2 175.8
98 64.4 50.6 76.0



#22
Diisopropyl ether
Concen: 52.600 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 45 Resp: 250578
Ion Ratio Lower Upper
45 100
43 51.4 44.4 66.6
87 33.9 20.9 31.3#
59 13.6 10.3 15.5

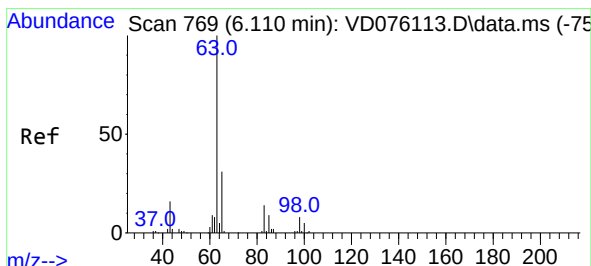
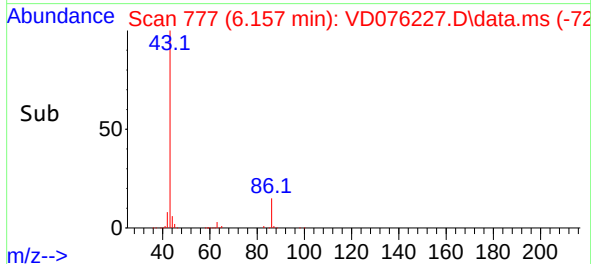
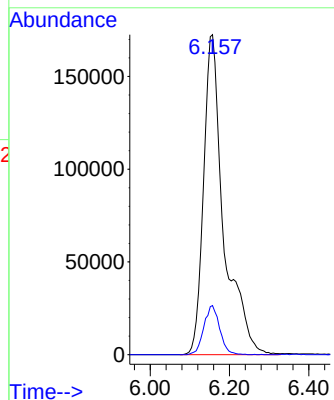
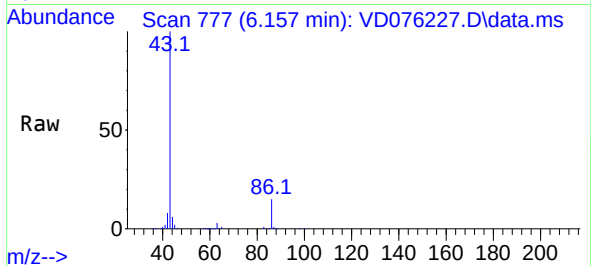




#23
 Vinyl Acetate
 Concen: 325.406 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD076227.D
 Acq: 25 May 2023 11:39

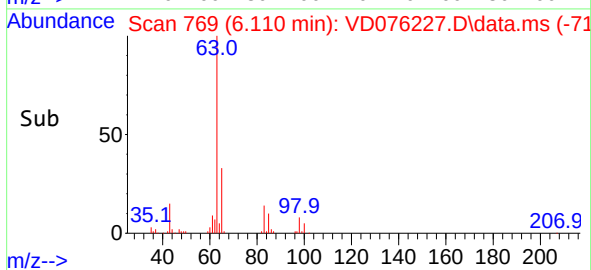
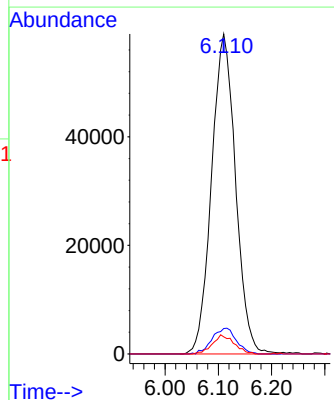
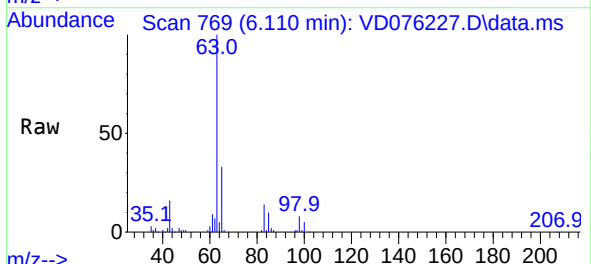
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

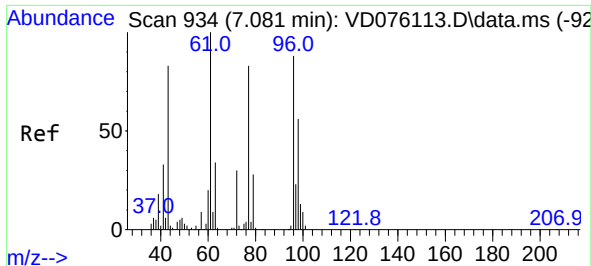
Tgt Ion: 43 Resp: 609518
 Ion Ratio Lower Upper
 43 100
 86 15.3 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 49.079 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076227.D
 Acq: 25 May 2023 11:39

Tgt Ion: 63 Resp: 184389
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.3 2.0 6.0

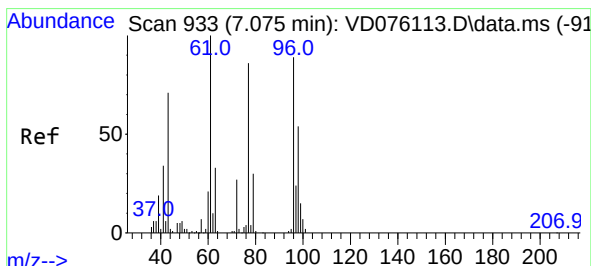
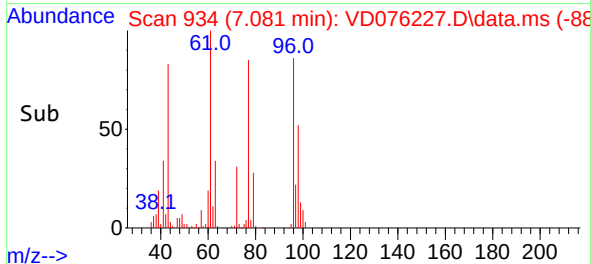
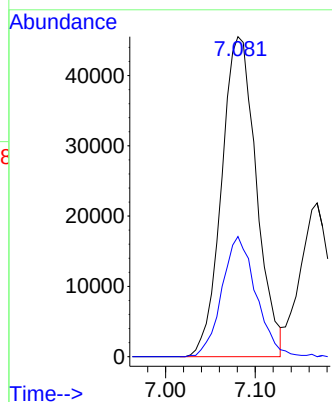
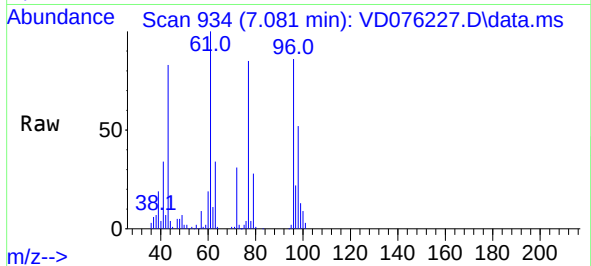




#25
2-Butanone
Concen: 270.893 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

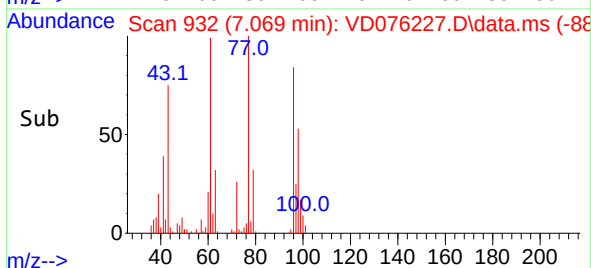
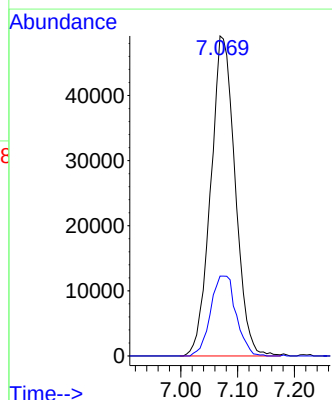
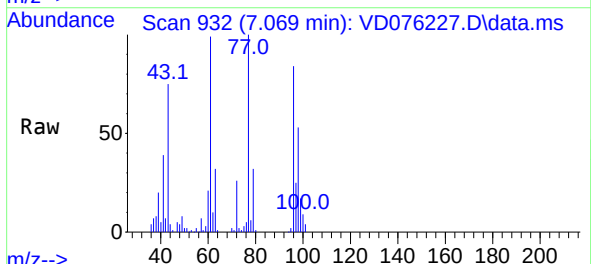
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

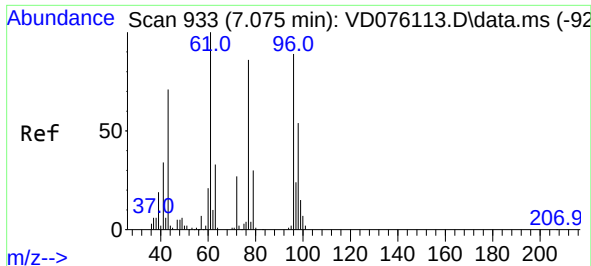
Tgt Ion: 43 Resp: 122550
Ion Ratio Lower Upper
43 100
72 37.6 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 47.852 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 77 Resp: 146593
Ion Ratio Lower Upper
77 100
97 26.1 11.1 33.1



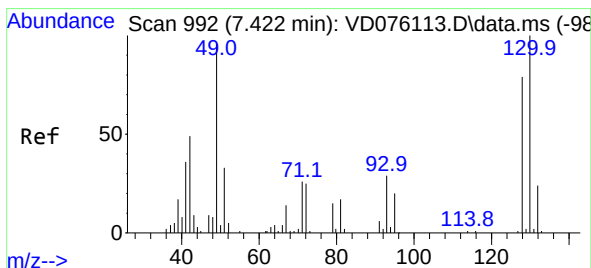
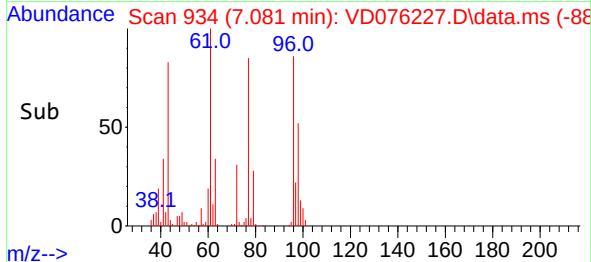
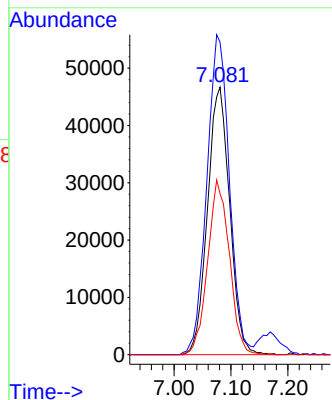
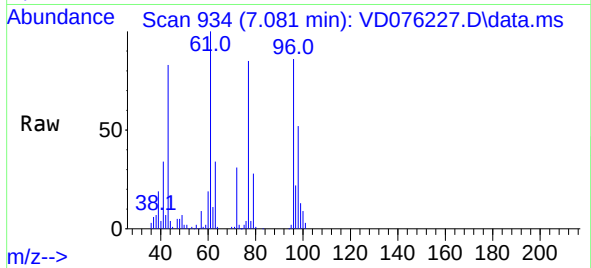


#27
 cis-1,2-Dichloroethene
 Concen: 49.036 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076227.D
 Acq: 25 May 2023 11:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 126824

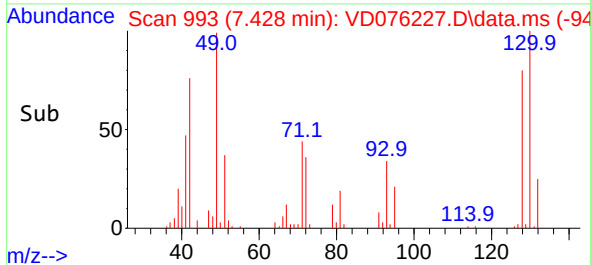
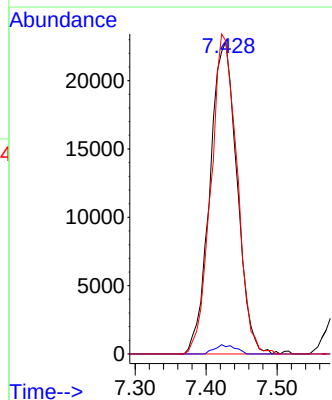
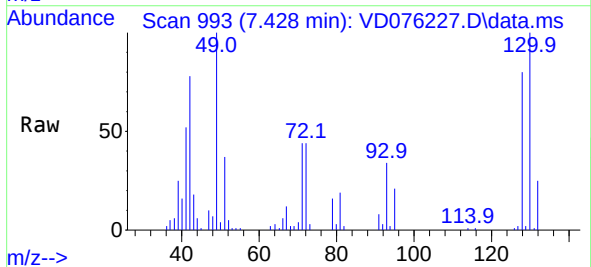
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	295.2
98	63.8	0.0	129.2

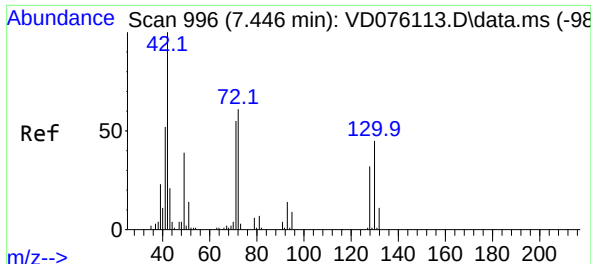


#28
 Bromochloromethane
 Concen: 48.299 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076227.D
 Acq: 25 May 2023 11:39

Tgt Ion: 49 Resp: 60506

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2#
130	98.3	56.0	84.0#

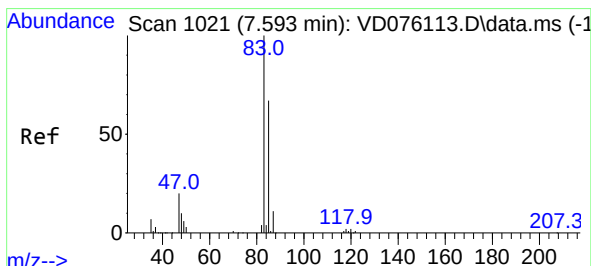
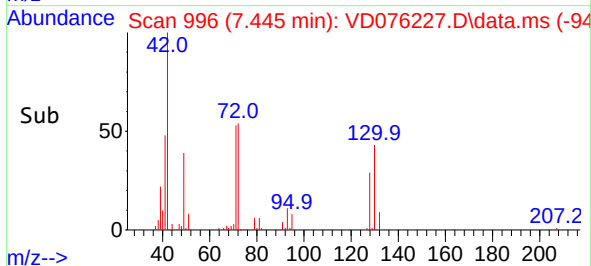
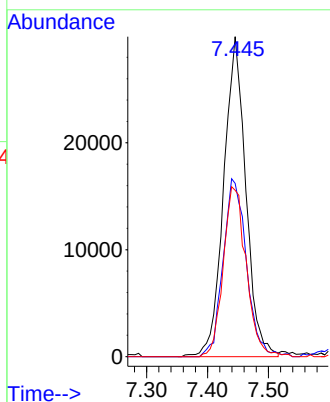
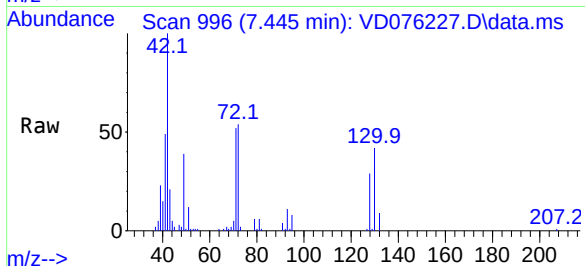




#29
Tetrahydrofuran
Concen: 286.550 ug/l
RT: 7.445 min Scan# 996
Delta R.T. 0.005 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

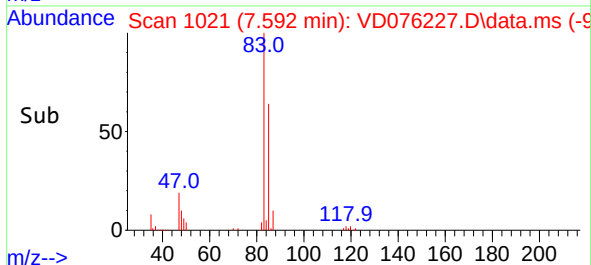
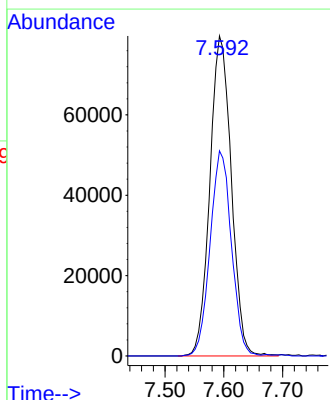
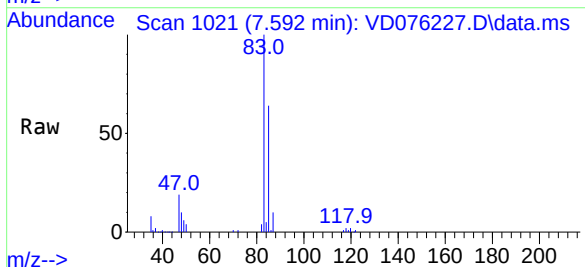
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

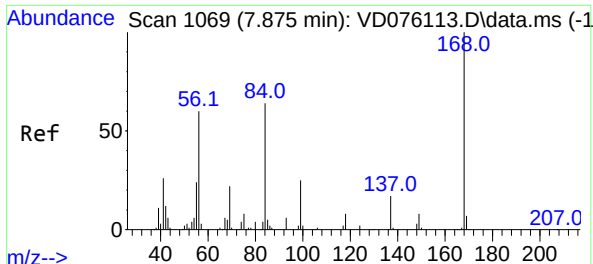
Tgt Ion: 42 Resp: 75558
Ion Ratio Lower Upper
42 100
72 58.9 31.8 47.6#
71 55.3 27.6 41.4#



#30
Chloroform
Concen: 50.234 ug/l
RT: 7.592 min Scan# 1021
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 83 Resp: 201826
Ion Ratio Lower Upper
83 100
85 64.1 49.4 74.2





#31

Cyclohexane

Concen: 44.566 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076227.D

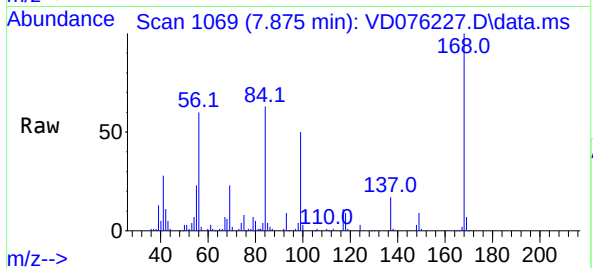
Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

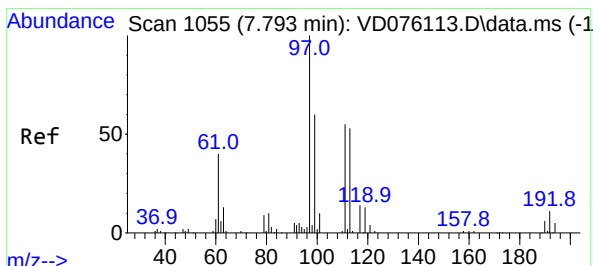
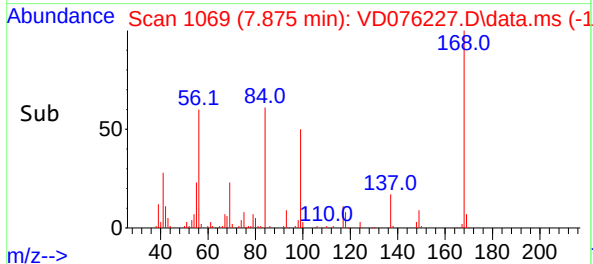
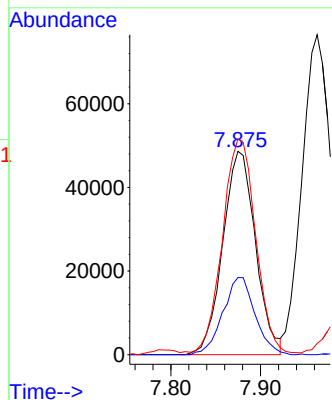
ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 123427

Ion	Ratio	Lower	Upper
56	100		
69	37.9	25.5	38.3
84	105.1	69.6	104.4



#32

1,1,1-Trichloroethane

Concen: 48.745 ug/l

RT: 7.792 min Scan# 1055

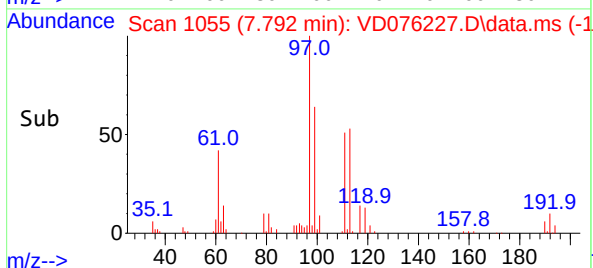
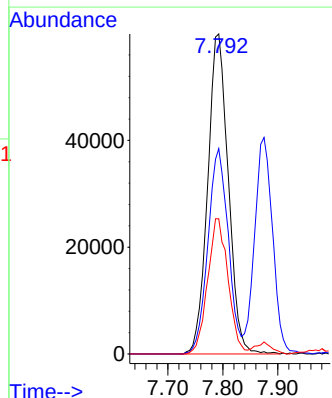
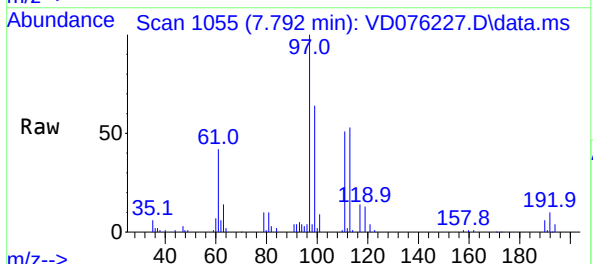
Delta R.T. -0.001 min

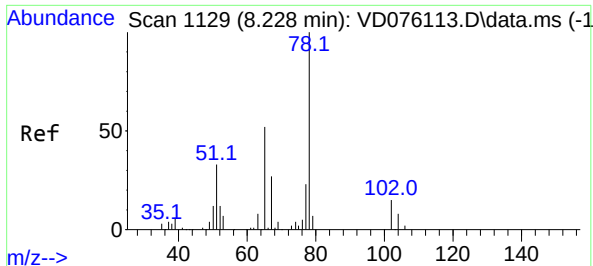
Lab File: VD076227.D

Acq: 25 May 2023 11:39

Tgt Ion: 97 Resp: 156073

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.5	75.7
61	41.9	36.6	55.0

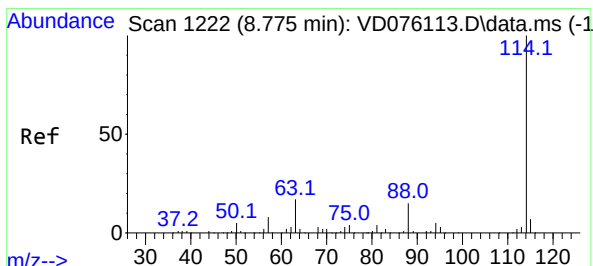
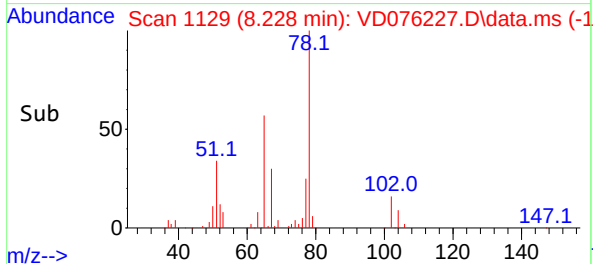
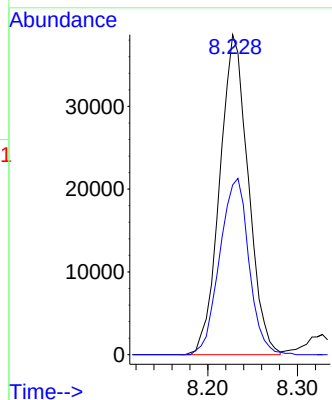
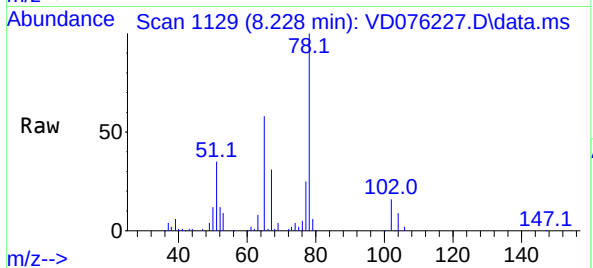




#33
1,2-Dichloroethane-d4
Concen: 47.146 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

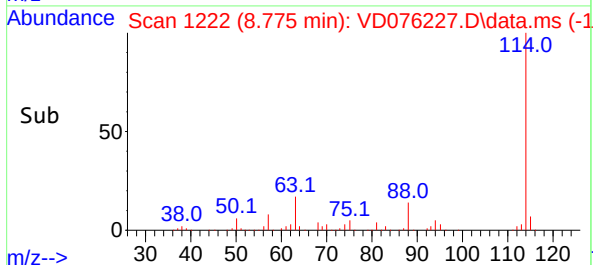
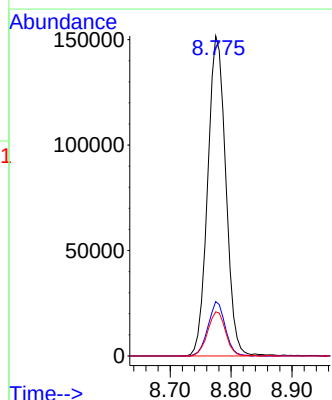
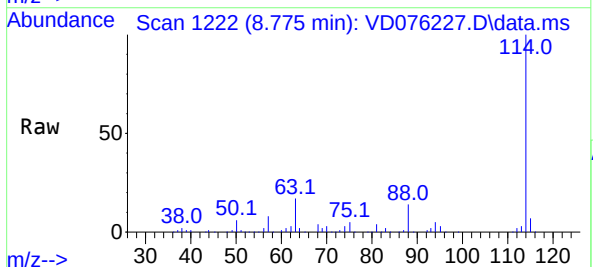
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

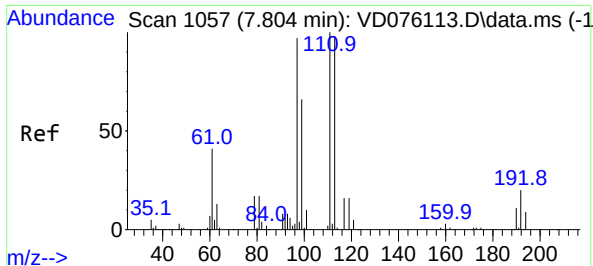
Tgt Ion: 65 Resp: 85257
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 114 Resp: 313633
Ion Ratio Lower Upper
114 100
63 17.0 0.0 41.6
88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.107 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

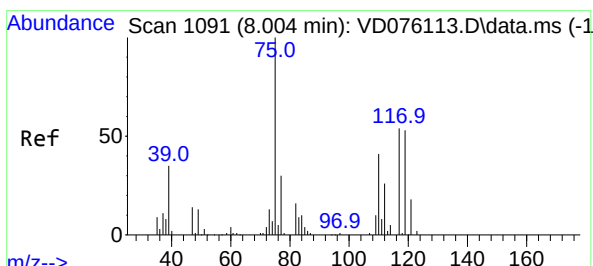
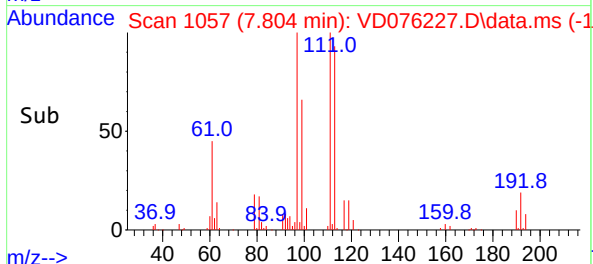
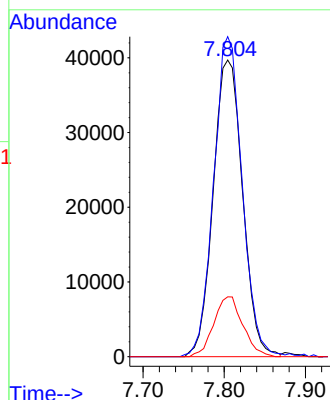
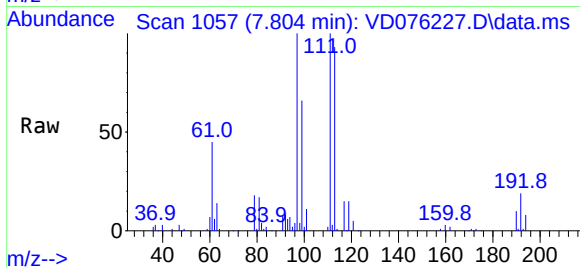
Tgt Ion:113 Resp: 99955

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 19.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 47.538 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

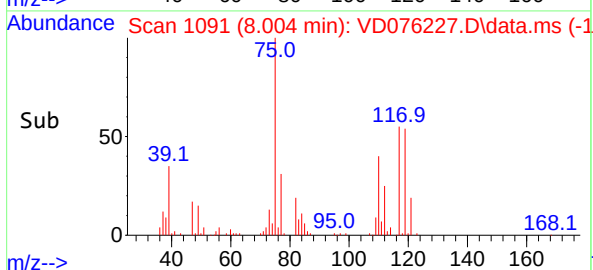
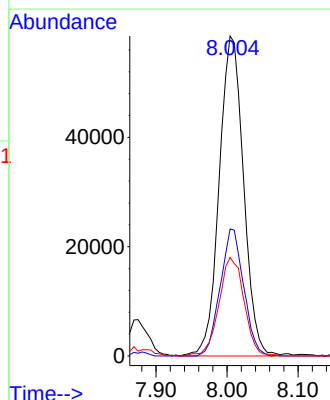
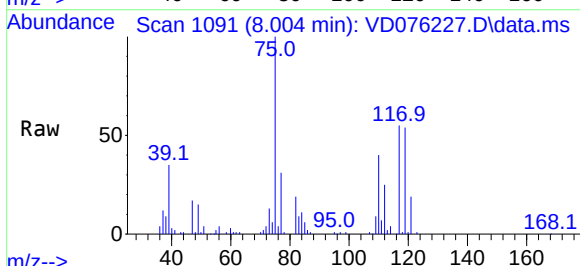
Tgt Ion: 75 Resp: 139185

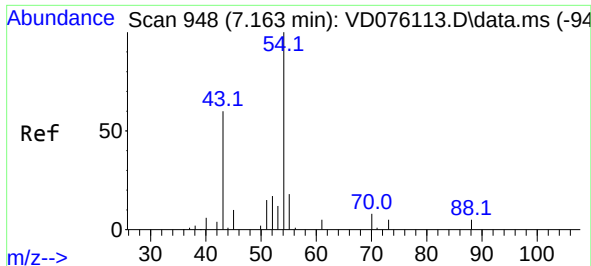
Ion Ratio Lower Upper

75 100

110 38.2 17.1 51.2

77 31.6 24.6 36.8





#37

Ethyl Acetate

Concen: 56.255 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

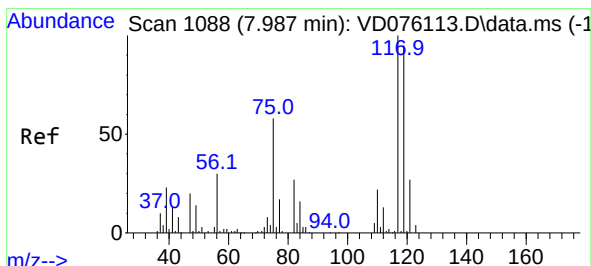
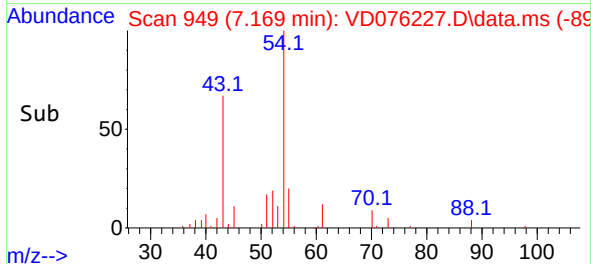
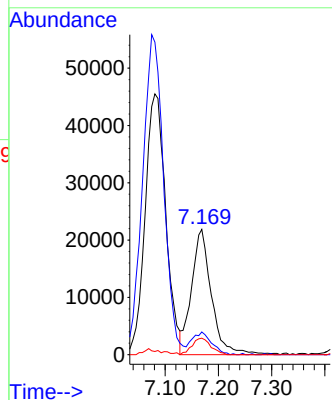
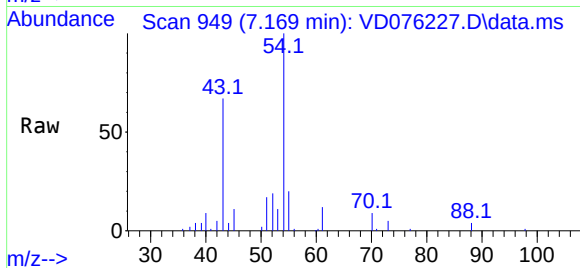
Tgt Ion: 43 Resp: 57034

Ion Ratio Lower Upper

43 100

61 17.6 0.0 0.0#

70 12.4 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 46.321 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.001 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

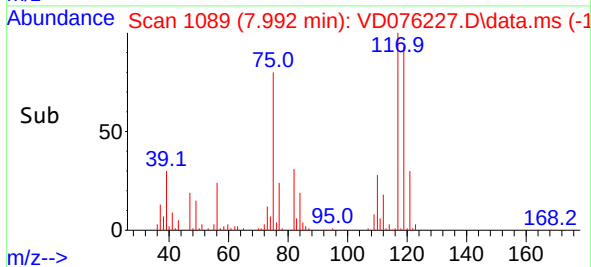
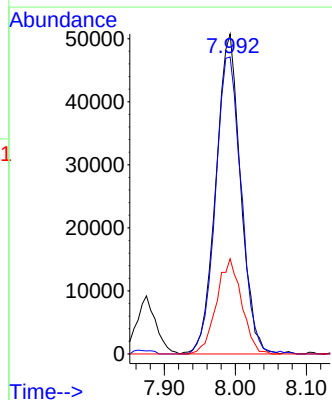
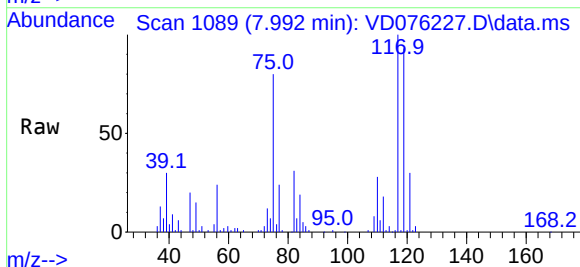
Tgt Ion: 117 Resp: 122502

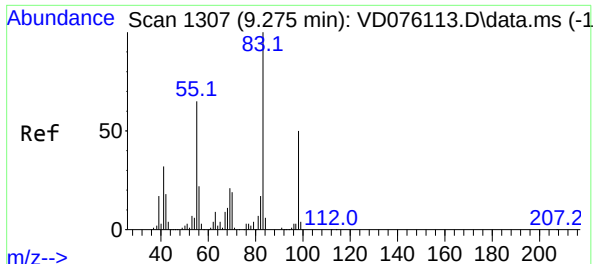
Ion Ratio Lower Upper

117 100

119 92.8 74.7 112.1

121 29.7 25.9 38.9

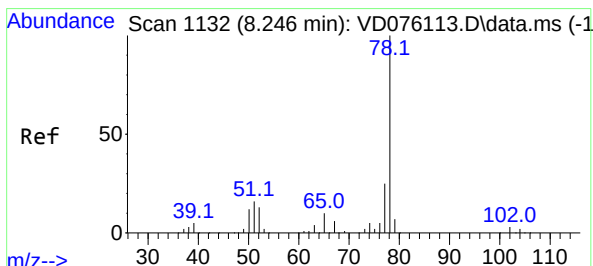
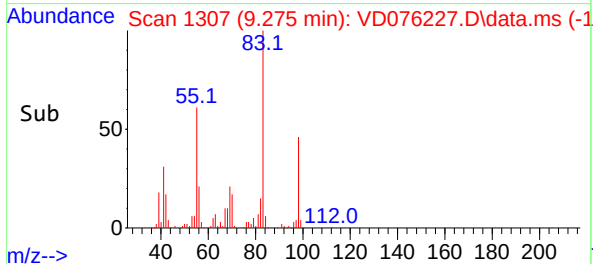
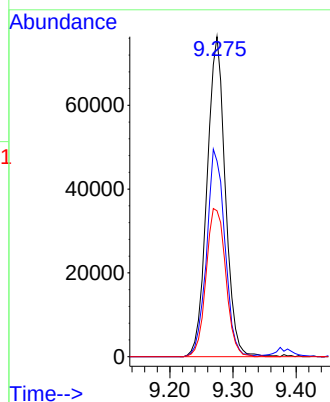
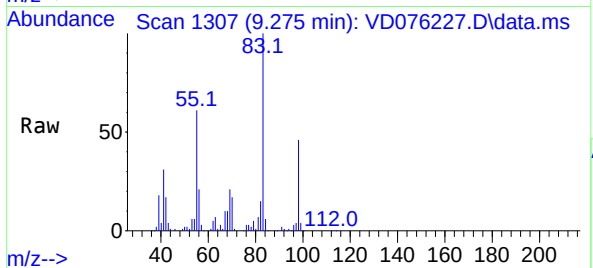




#39
Methylcyclohexane
Concen: 45.546 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

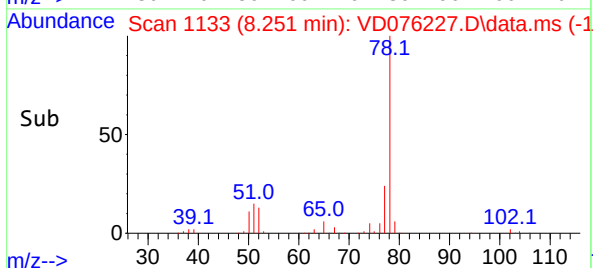
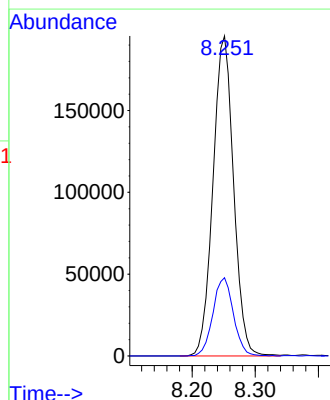
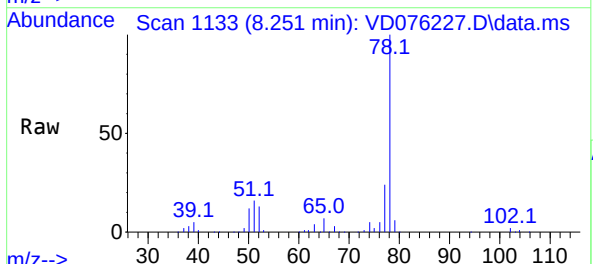
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

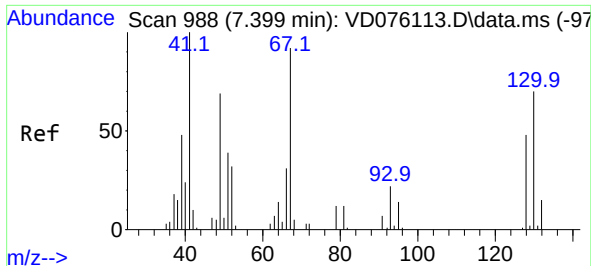
Tgt Ion: 83 Resp: 153528
Ion Ratio Lower Upper
83 100
55 61.1 56.8 85.2
98 45.6 38.9 58.3



#40
Benzene
Concen: 47.022 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

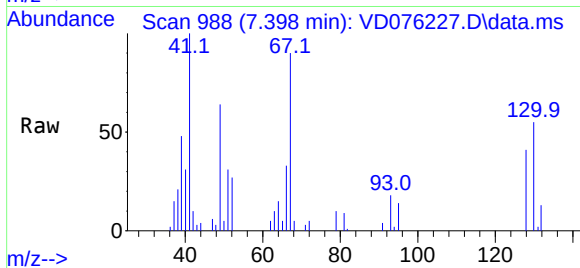
Tgt Ion: 78 Resp: 442625
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7





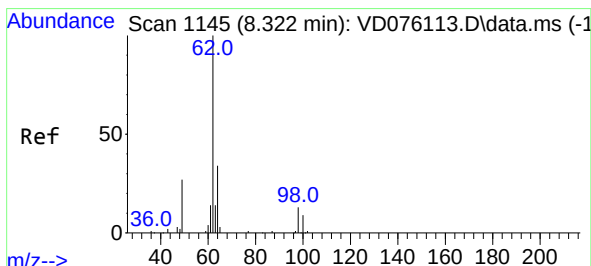
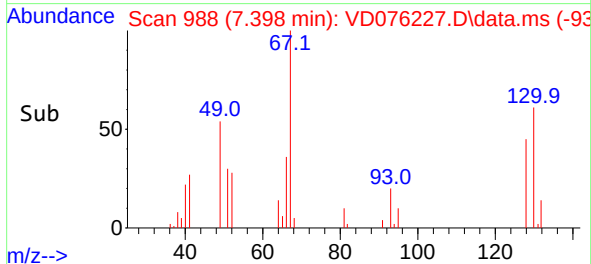
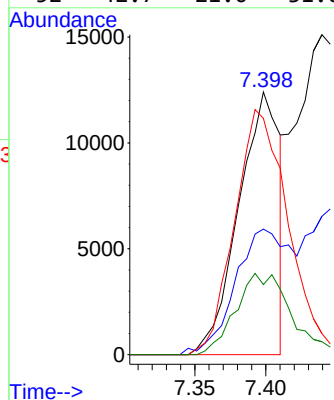
#41
Methacrylonitrile
Concen: 44.699 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 24849

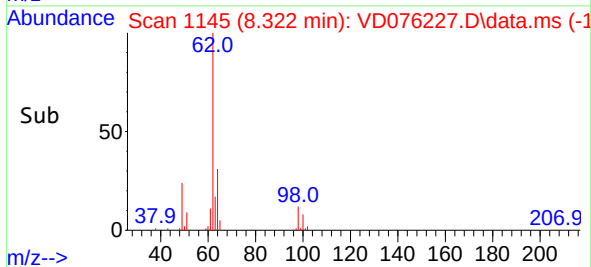
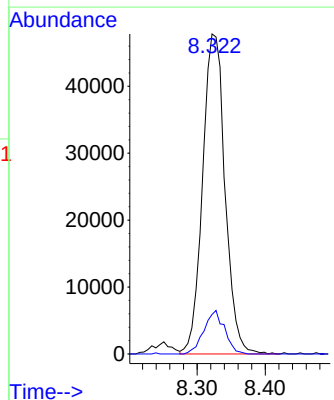
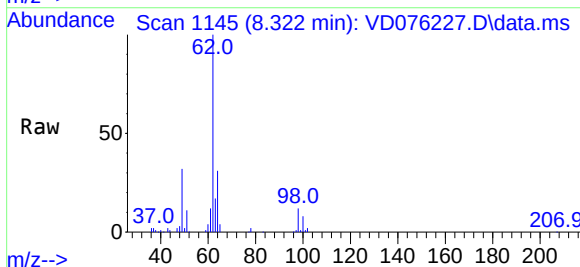
Ion	Ratio	Lower	Upper
41	100		
39	66.5	45.3	67.9
67	123.5	50.5	75.7#
52	42.7	21.0	31.6#

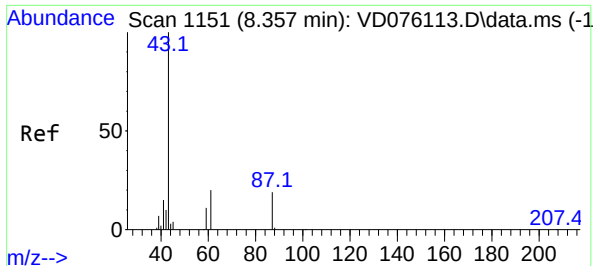


#42
1,2-Dichloroethane
Concen: 49.162 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 62 Resp: 109456

Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	18.8

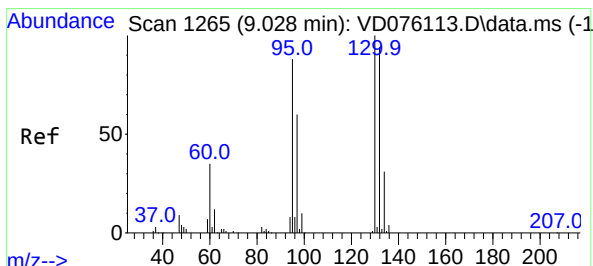
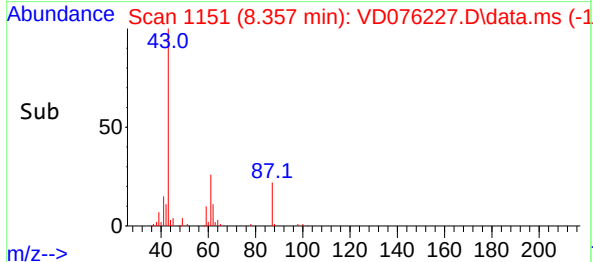
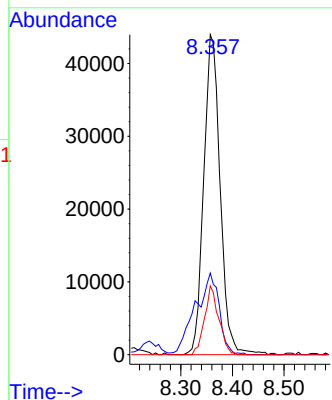
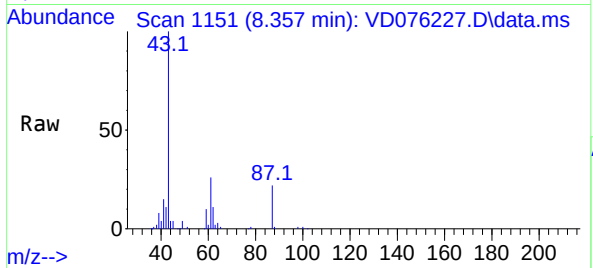




#43
Isopropyl Acetate
Concen: 51.222 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

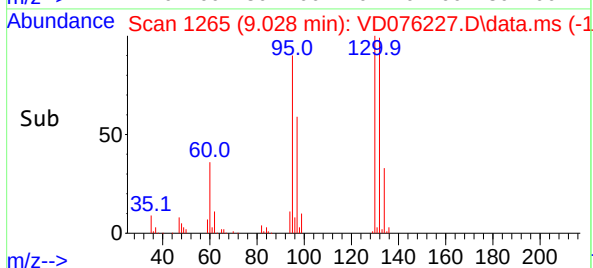
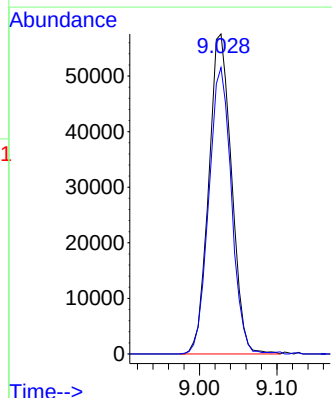
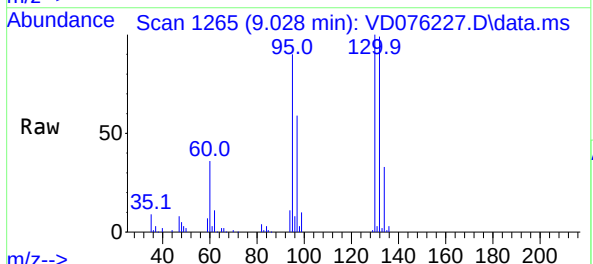
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

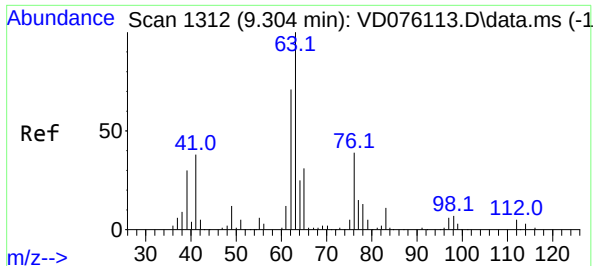
Tgt Ion: 43 Resp: 97010
Ion Ratio Lower Upper
43 100
61 37.0 23.4 35.0#
87 18.7 9.5 14.3#



#44
Trichloroethene
Concen: 44.466 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:130 Resp: 117959
Ion Ratio Lower Upper
130 100
95 89.5 0.0 197.6





#45

1,2-Dichloropropane

Concen: 48.207 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

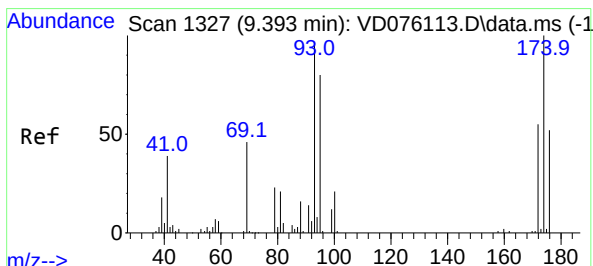
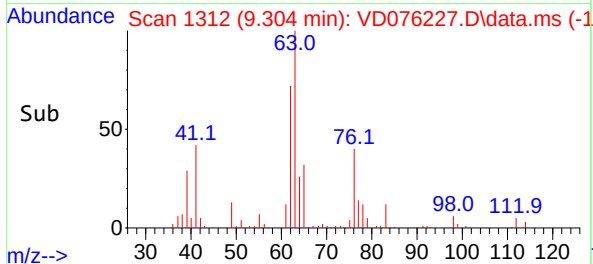
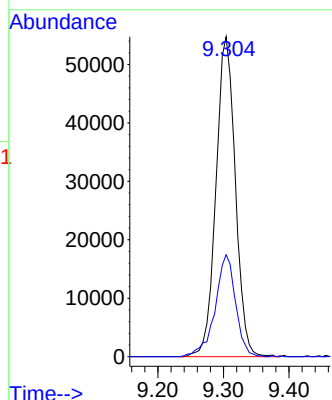
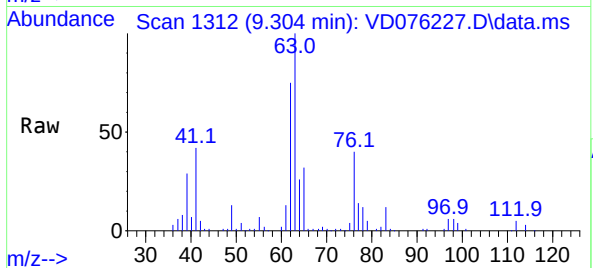
VSTDCCC050

Tgt Ion: 63 Resp: 111929

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.4



#46

Dibromomethane

Concen: 48.984 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

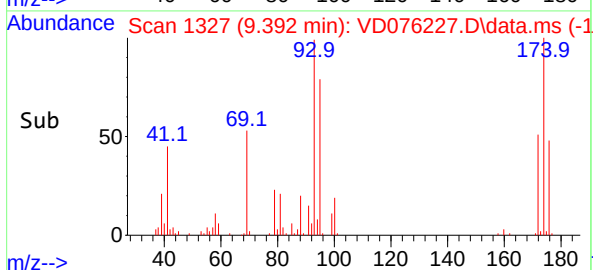
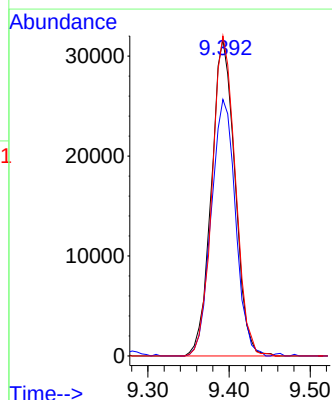
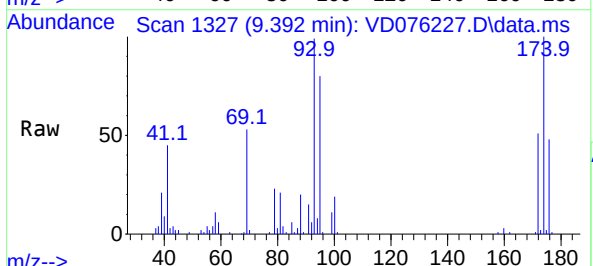
Tgt Ion: 93 Resp: 63750

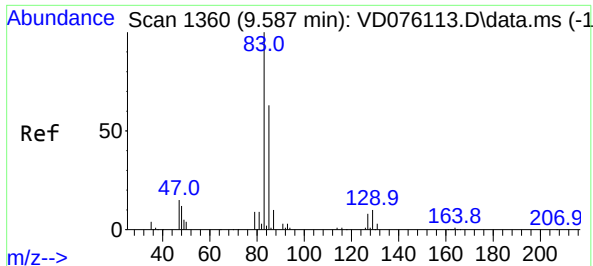
Ion Ratio Lower Upper

93 100

95 83.3 64.5 96.7

174 99.6 76.2 114.4

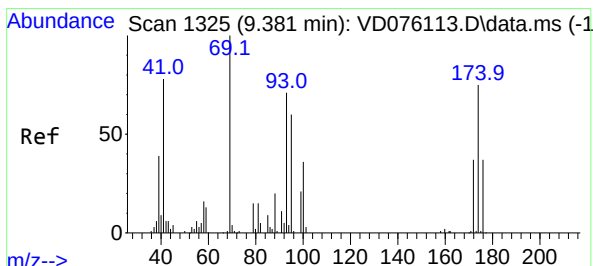
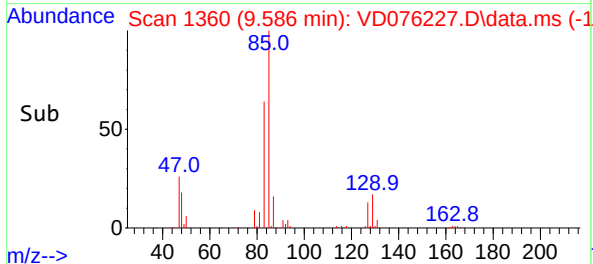
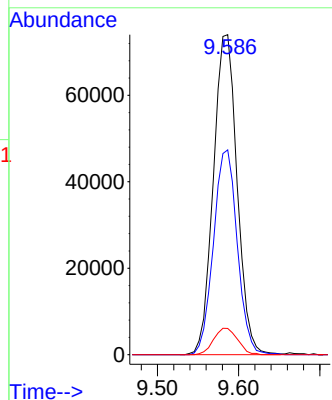
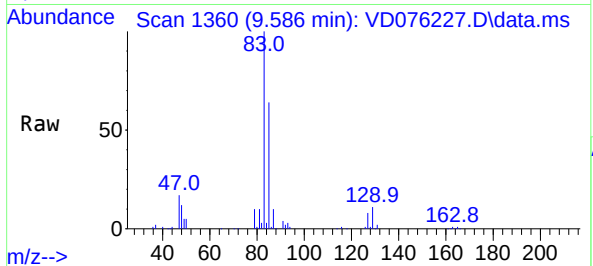




#47
Bromodichloromethane
Concen: 48.152 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

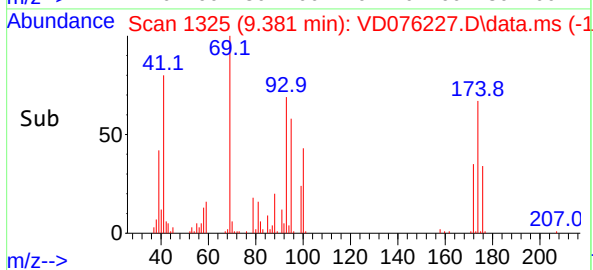
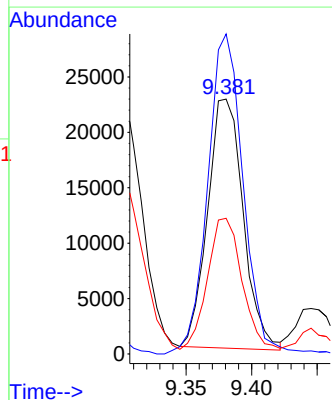
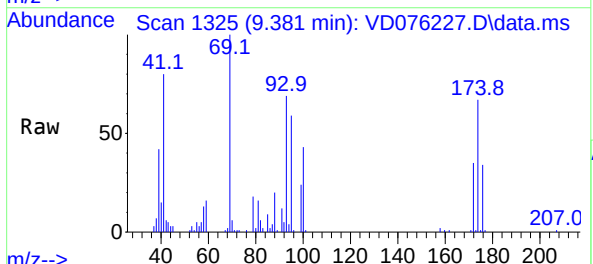
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

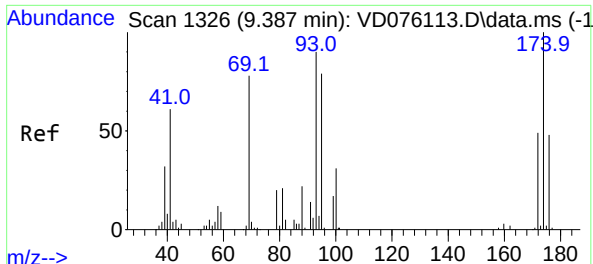
Tgt Ion: 83 Resp: 150613
Ion Ratio Lower Upper
83 100
85 64.0 53.7 80.5
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 50.585 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 41 Resp: 42401
Ion Ratio Lower Upper
41 100
69 128.2 58.6 88.0#
39 55.2 53.4 80.0

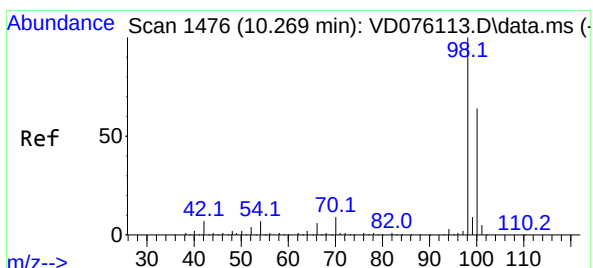
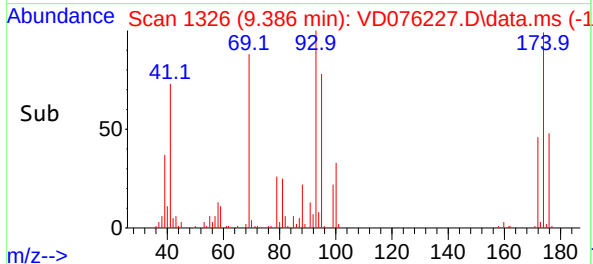
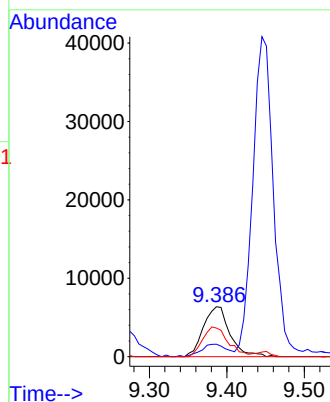
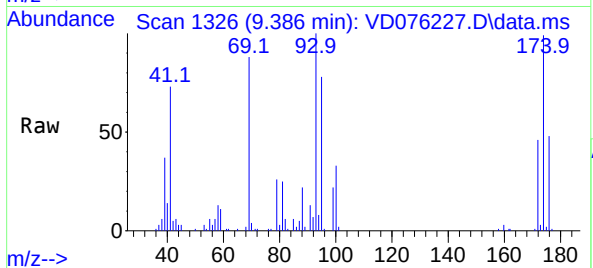




#49
1,4-Dioxane
Concen: 1083.267 ug/l
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

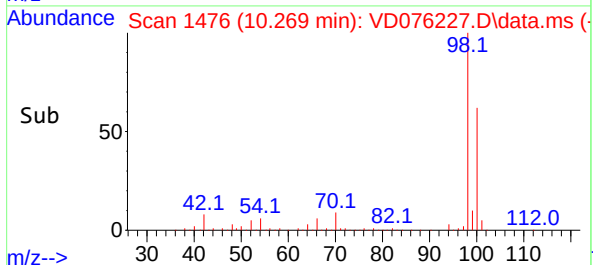
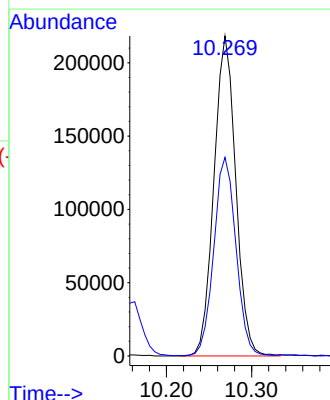
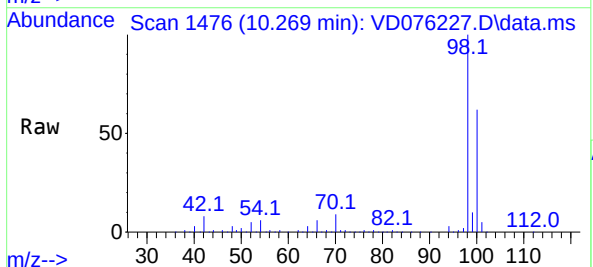
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

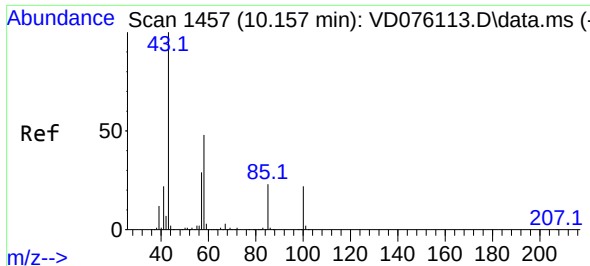
Tgt Ion: 88 Resp: 15076
Ion Ratio Lower Upper
88 100
43 24.8 34.6 51.8#
58 57.2 58.0 87.0#



#50
Toluene-d8
Concen: 45.951 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 98 Resp: 388335
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1

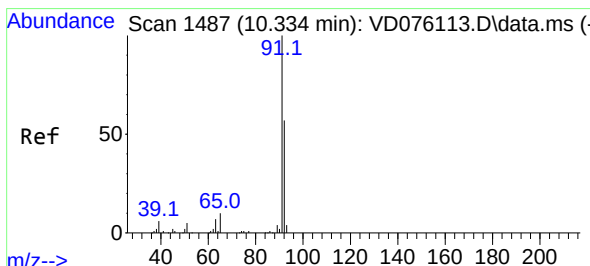
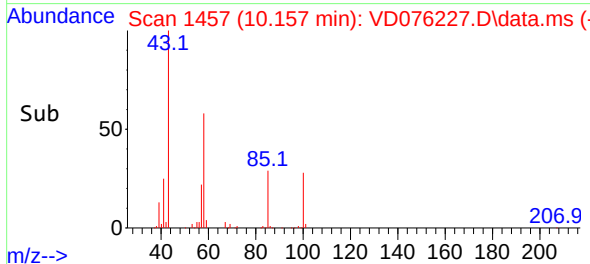
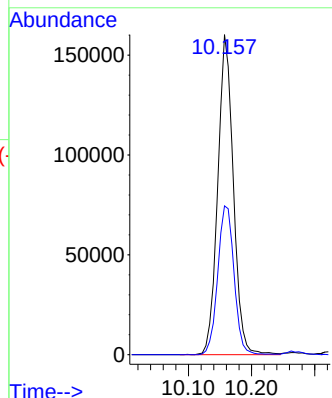
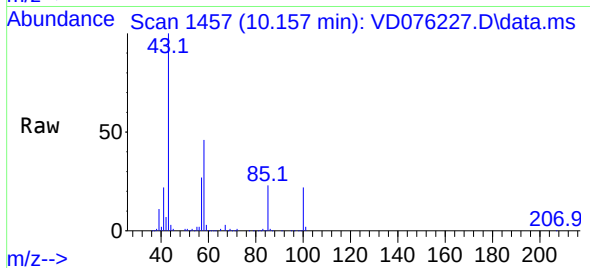




#51
4-Methyl-2-Pentanone
Concen: 273.593 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

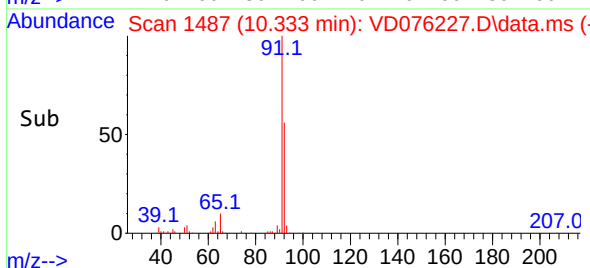
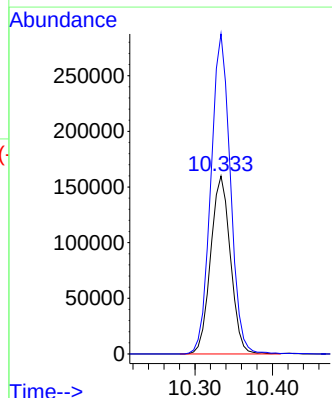
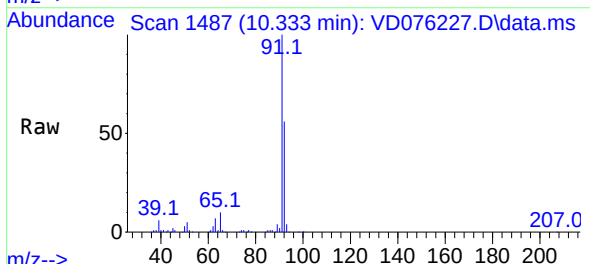
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

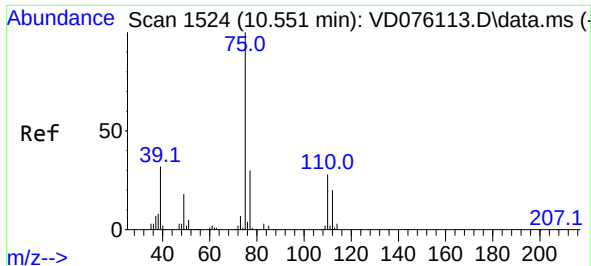
Tgt Ion: 43 Resp: 275583
Ion Ratio Lower Upper
43 100
58 48.6 29.5 44.3#



#52
Toluene
Concen: 48.132 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 92 Resp: 282971
Ion Ratio Lower Upper
92 100
91 177.6 136.5 204.7

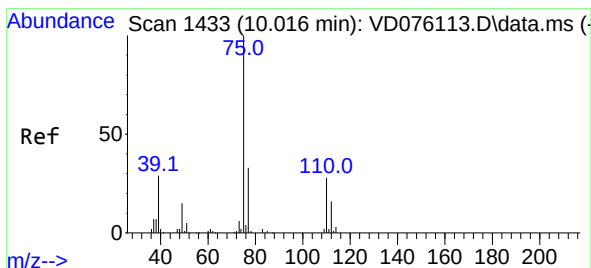
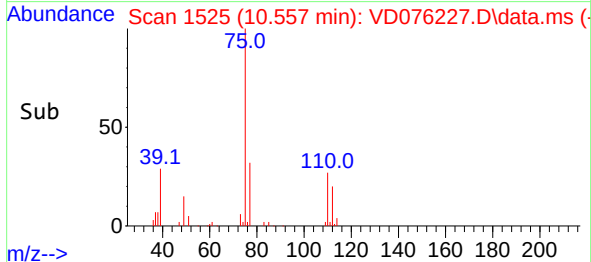
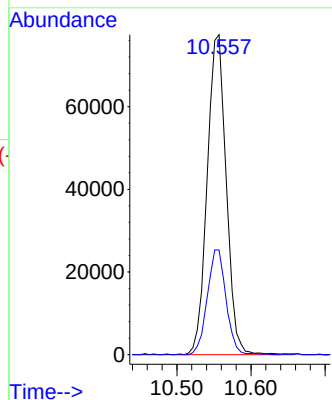
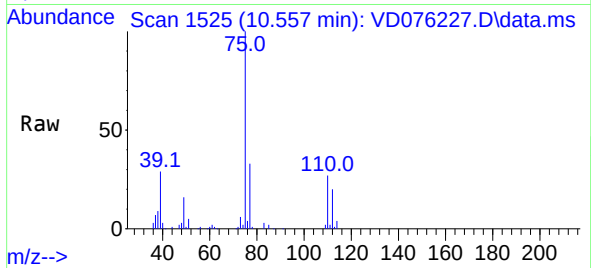




#53
t-1,3-Dichloropropene
Concen: 49.048 ug/l
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

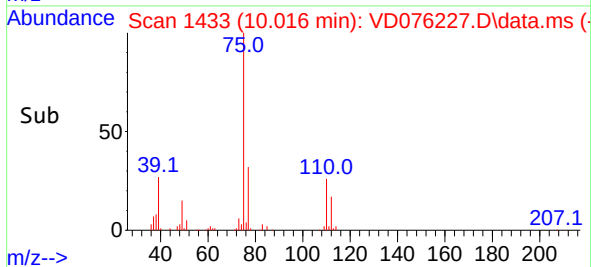
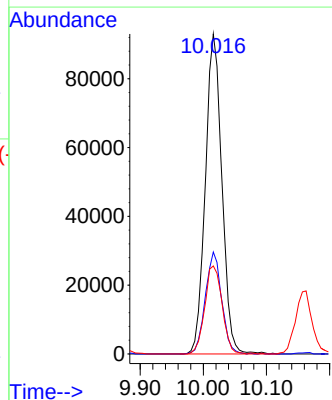
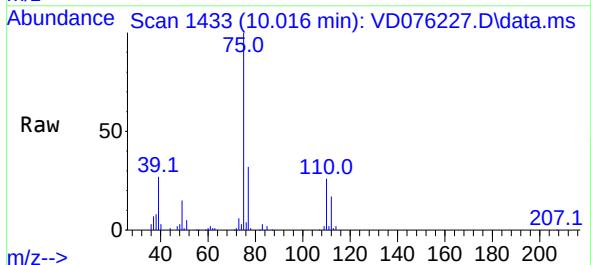
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

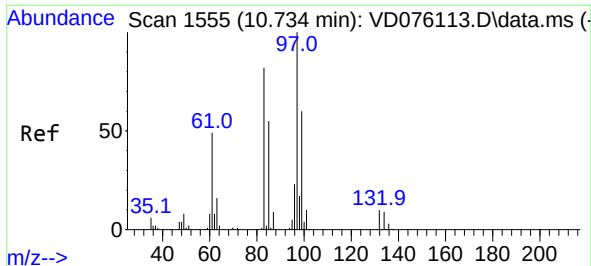
Tgt Ion: 75 Resp: 138270
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 49.249 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 75 Resp: 169432
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 27.5 44.8 67.2#

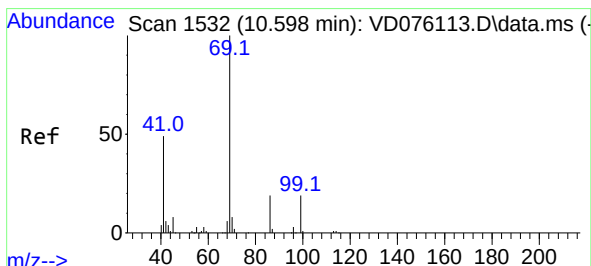
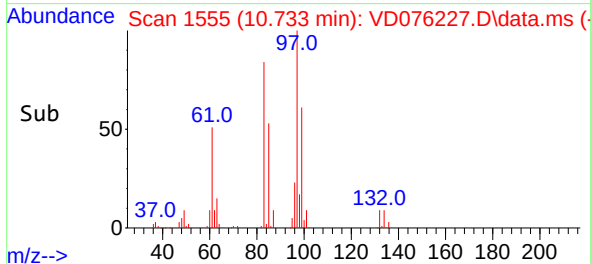
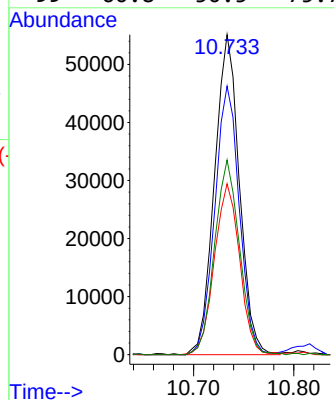
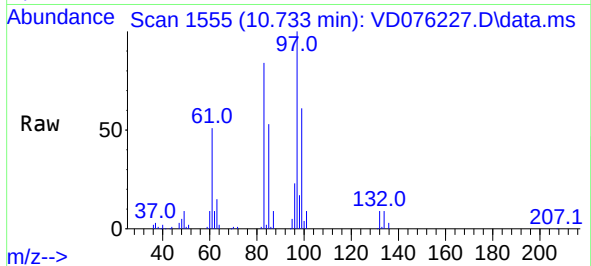




#55
1,1,2-Trichloroethane
Concen: 50.932 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

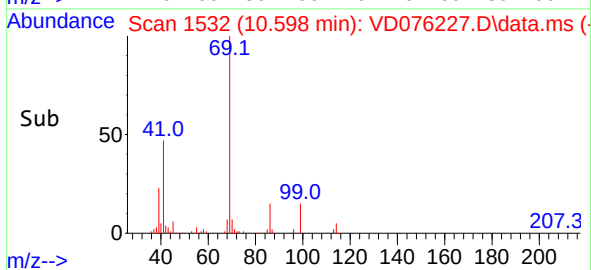
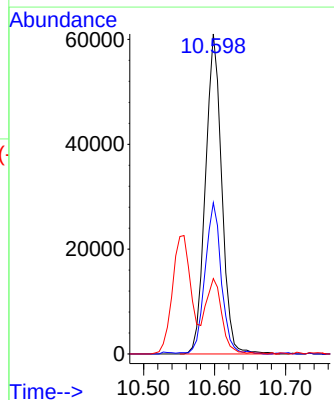
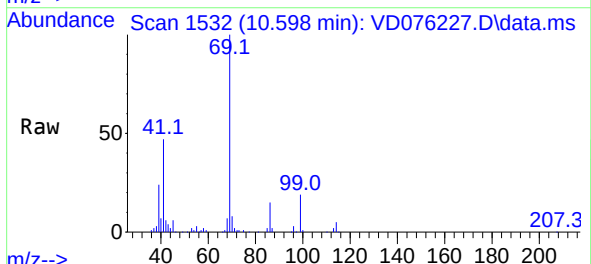
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

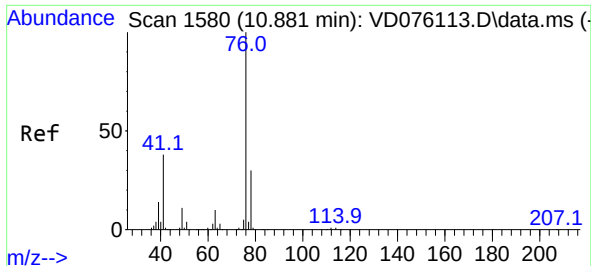
Tgt Ion:	97	Resp:	95055
Ion	Ratio	Lower	Upper
97	100		
83	83.9	74.2	111.4
85	53.4	45.4	68.0
99	60.8	50.5	75.7



#56
Ethyl methacrylate
Concen: 52.056 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:	69	Resp:	97653
Ion	Ratio	Lower	Upper
69	100		
41	47.6	59.3	88.9#
39	22.8	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 50.504 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

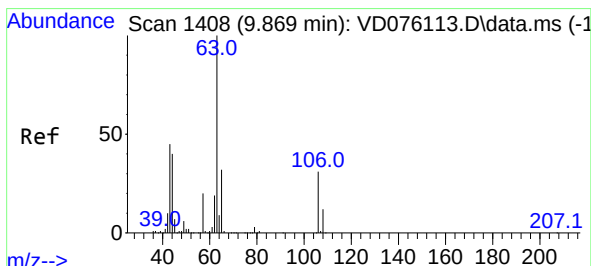
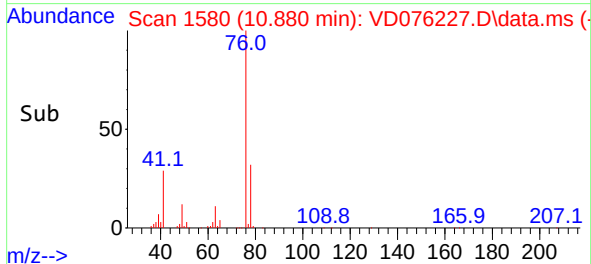
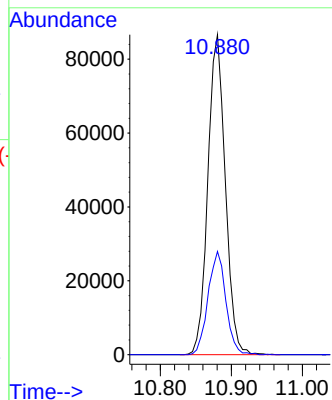
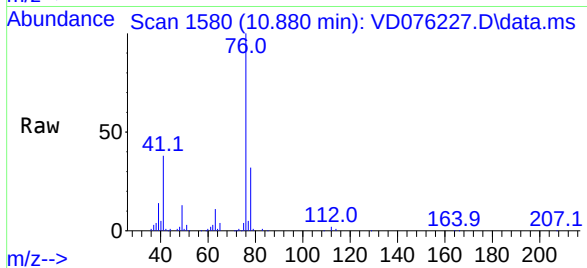
VSTDCCC050

Tgt Ion: 76 Resp: 147877

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.565 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076227.D

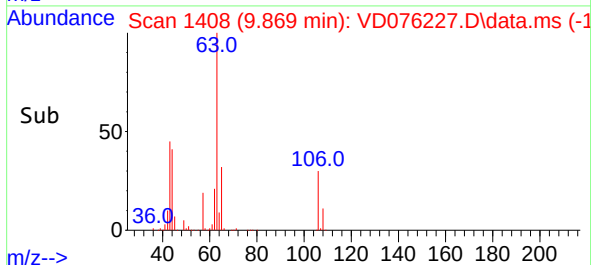
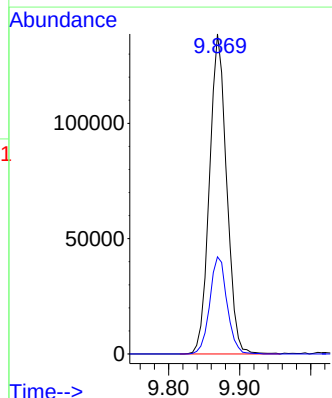
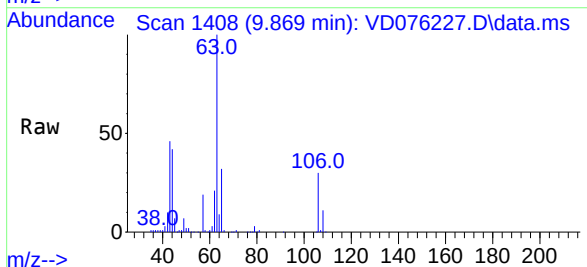
Acq: 25 May 2023 11:39

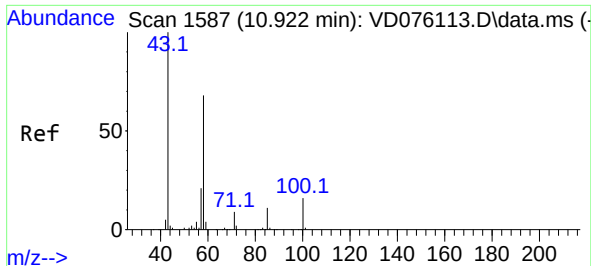
Tgt Ion: 63 Resp: 232727

Ion Ratio Lower Upper

63 100

106 30.5 21.4 32.2

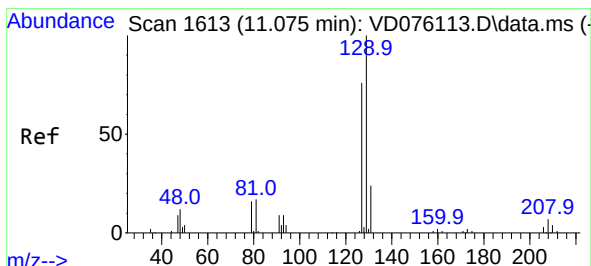
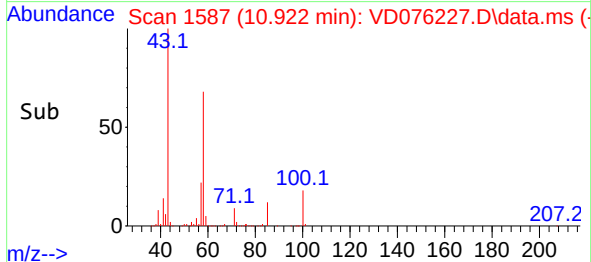
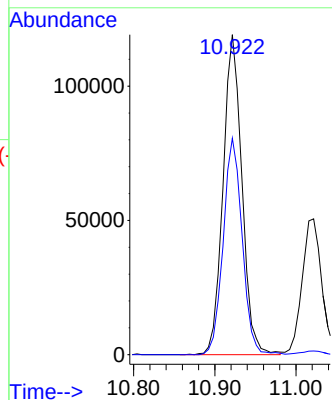
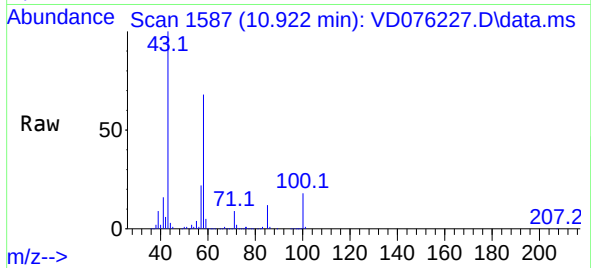




#59
2-Hexanone
Concen: 271.593 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

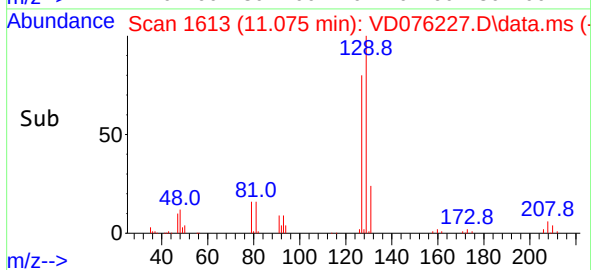
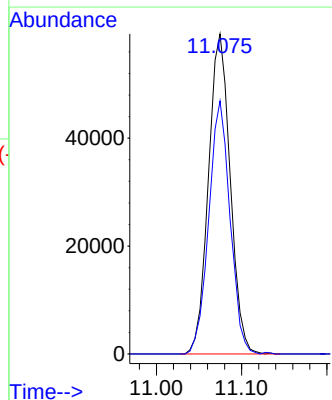
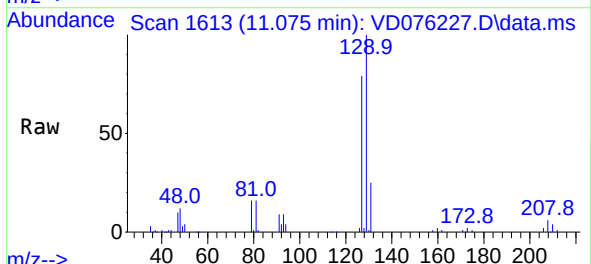
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

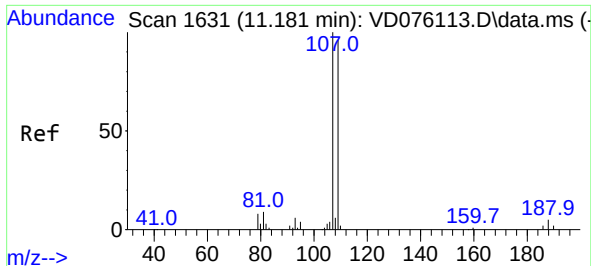
Tgt Ion: 43 Resp: 192928
Ion Ratio Lower Upper
43 100
58 67.7 25.3 75.8



#60
Dibromochloromethane
Concen: 50.093 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 129 Resp: 105121
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5

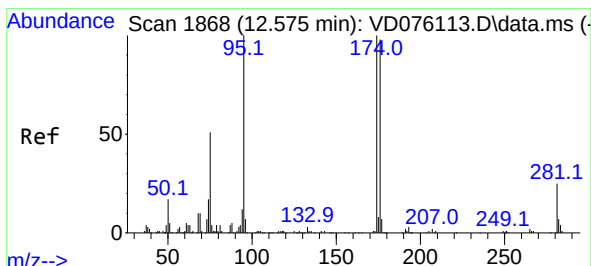
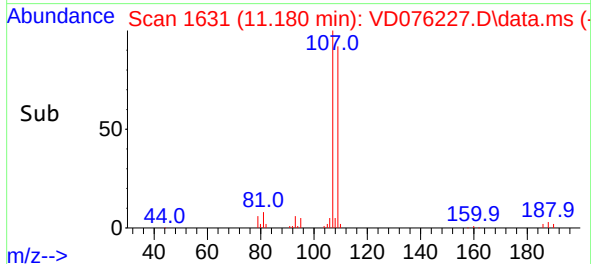
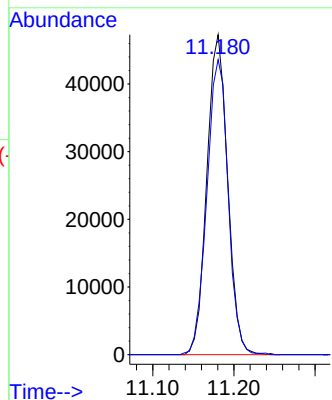
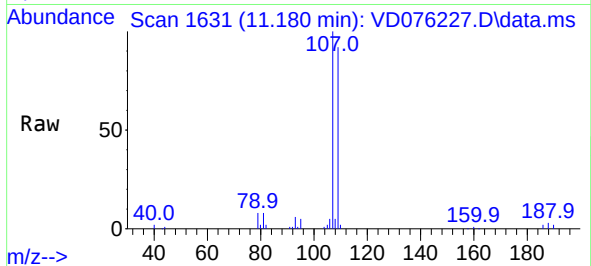




#61
1,2-Dibromoethane
Concen: 50.515 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

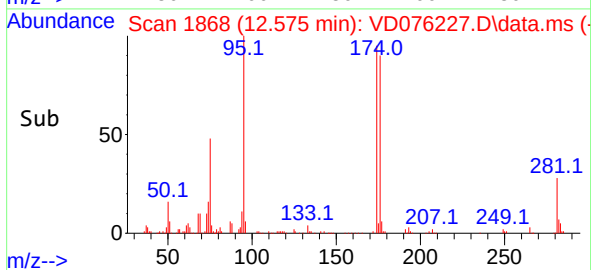
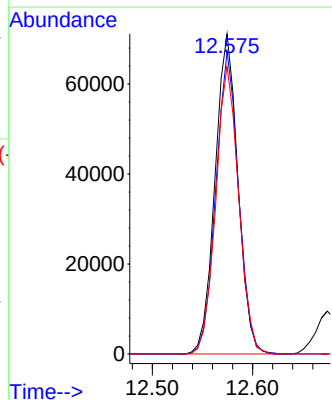
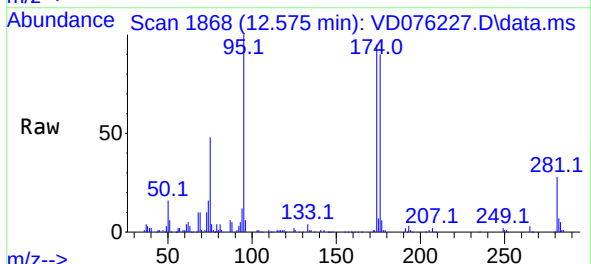
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

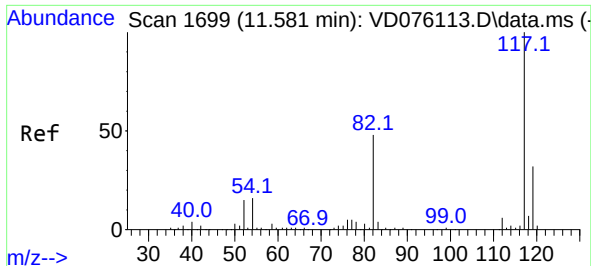
Tgt Ion:107 Resp: 83865
Ion Ratio Lower Upper
107 100
109 94.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.886 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 95 Resp: 112416
Ion Ratio Lower Upper
95 100
174 93.7 0.0 164.0
176 89.8 0.0 156.8

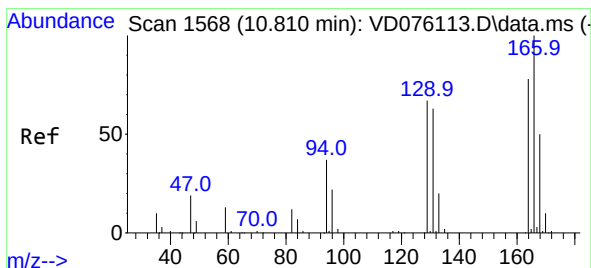
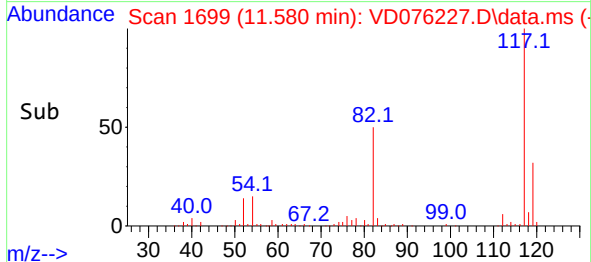
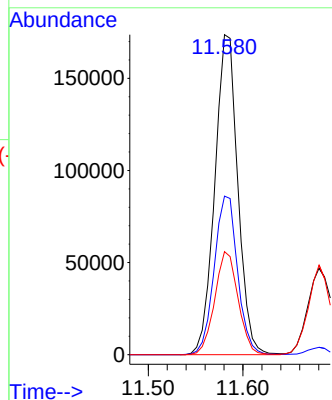
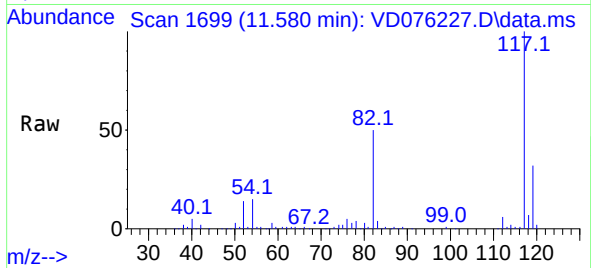




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

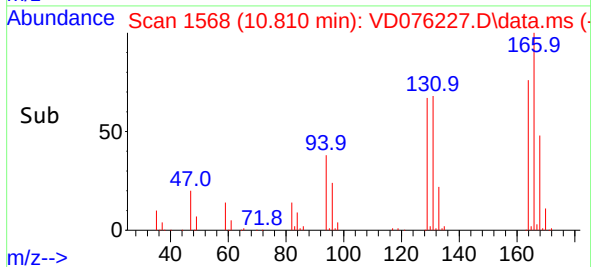
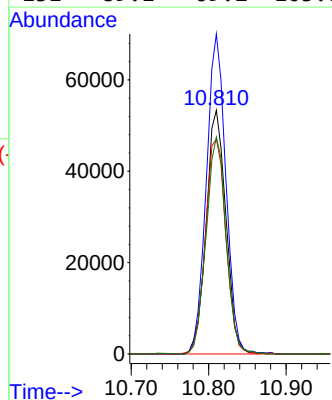
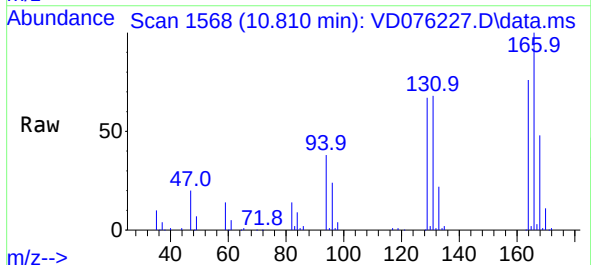
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

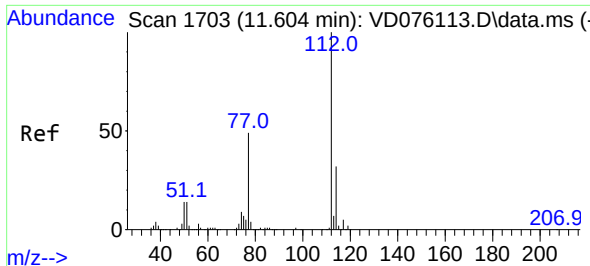
Tgt Ion:117 Resp: 293967
Ion Ratio Lower Upper
117 100
82 49.6 44.0 66.0
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 41.942 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:164 Resp: 94811
Ion Ratio Lower Upper
164 100
166 131.3 94.9 142.3
129 88.2 73.0 109.6
131 89.1 69.2 103.8

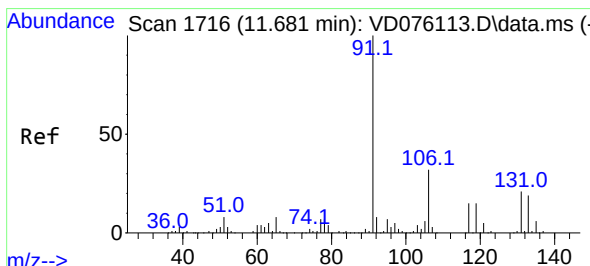
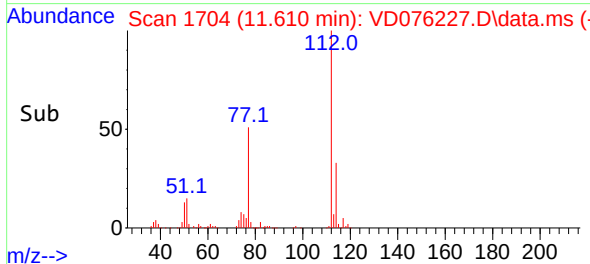
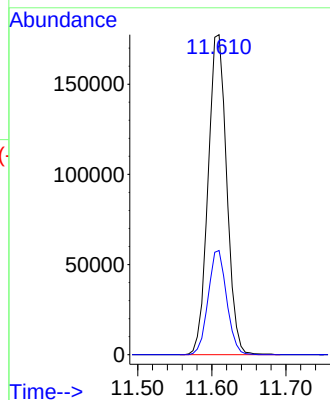
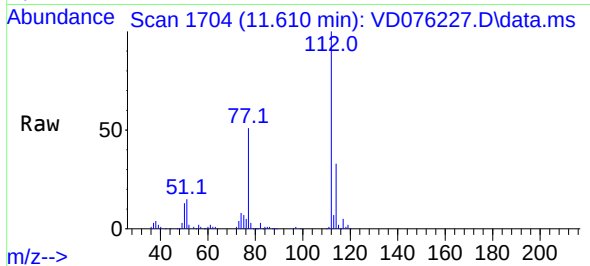




#65
Chlorobenzene
Concen: 46.338 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

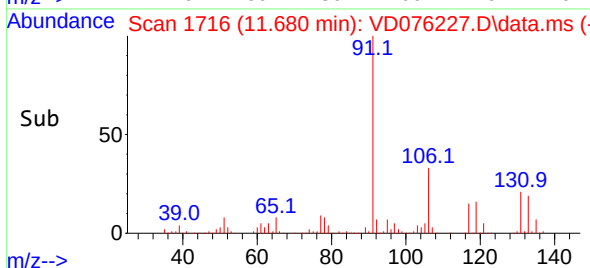
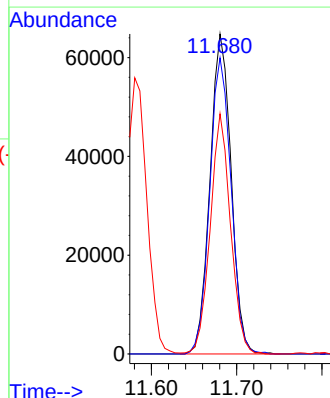
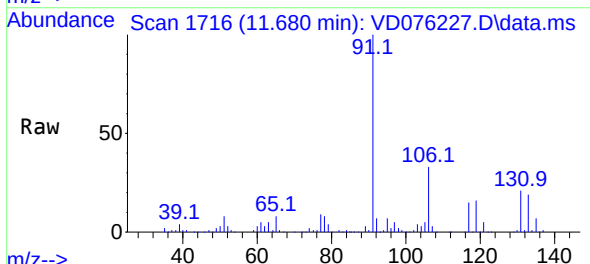
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

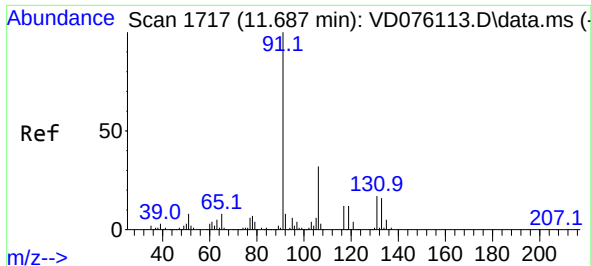
Tgt Ion:112 Resp: 310112
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.380 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:131 Resp: 111423
Ion Ratio Lower Upper
131 100
133 93.9 46.7 140.0
119 72.2 31.9 95.9

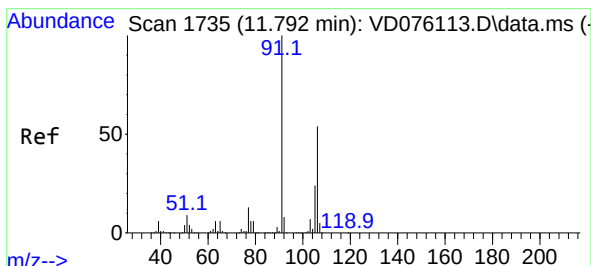
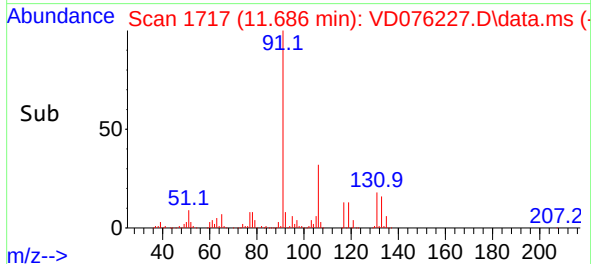
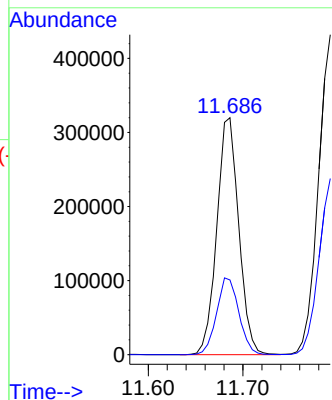
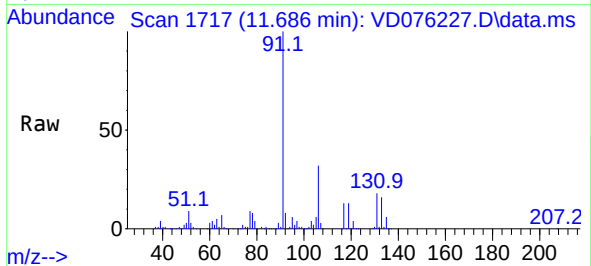




#67
Ethyl Benzene
Concen: 48.245 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

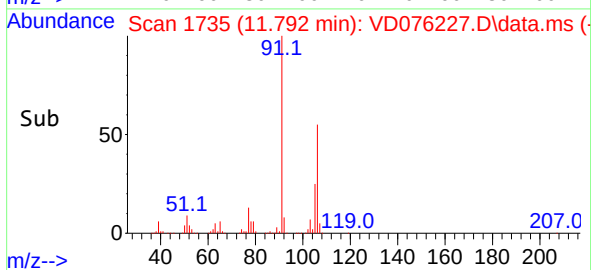
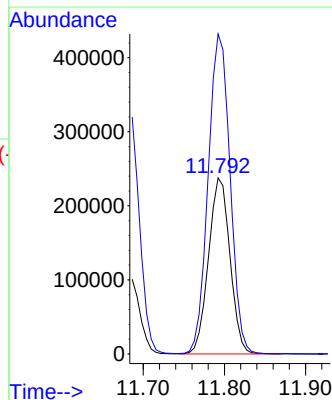
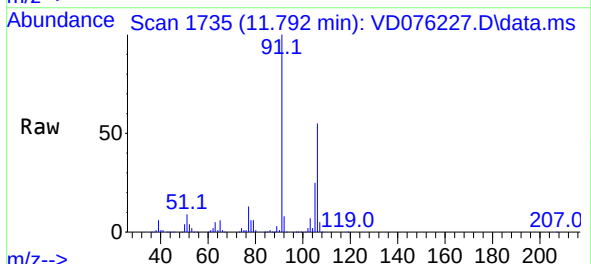
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

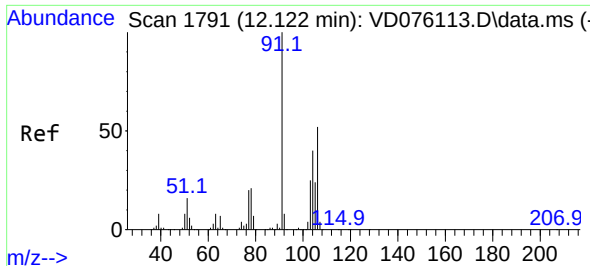
Tgt Ion: 91 Resp: 515924
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 99.863 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 106 Resp: 436462
Ion Ratio Lower Upper
106 100
91 185.6 161.5 242.3

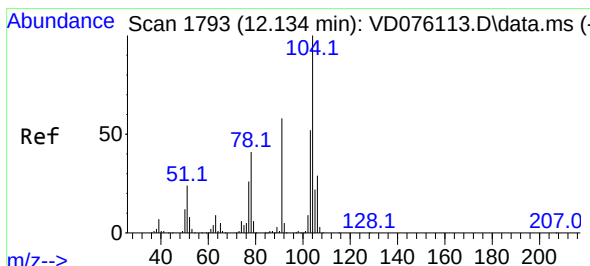
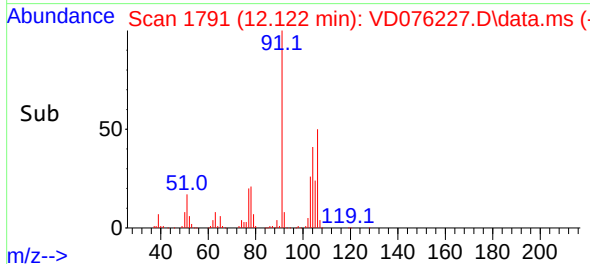
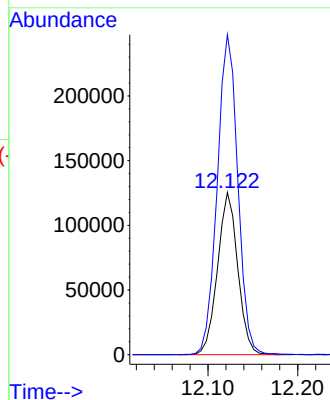
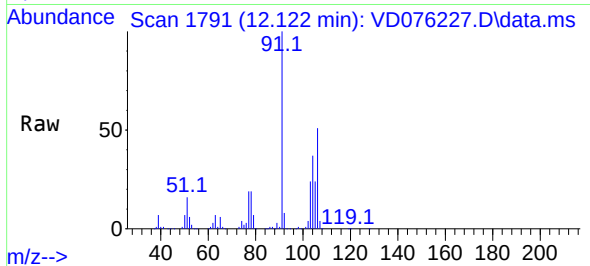




#69
o-Xylene
Concen: 49.150 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

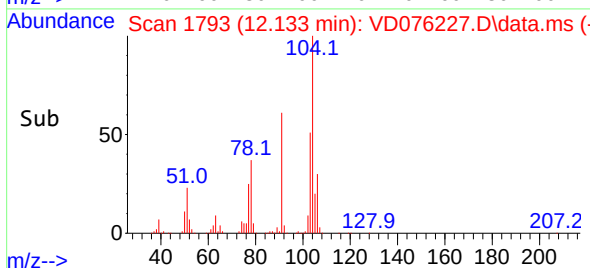
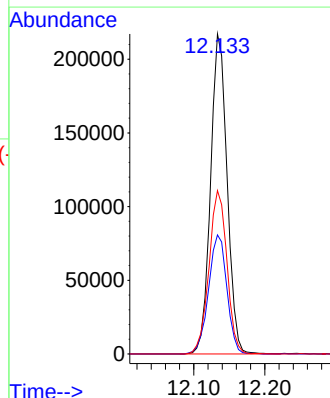
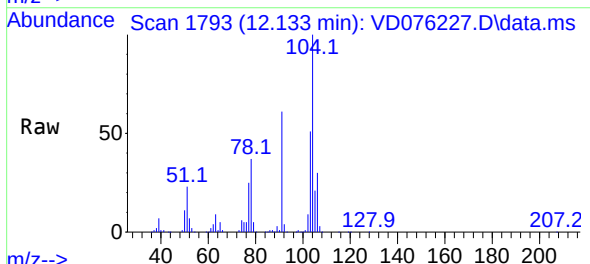
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

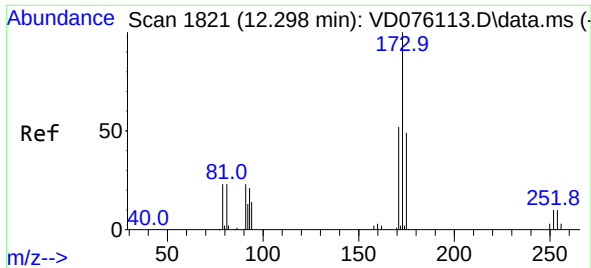
Tgt Ion:106 Resp: 196010
Ion Ratio Lower Upper
106 100
91 200.9 105.7 317.1



#70
Styrene
Concen: 50.849 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:104 Resp: 351586
Ion Ratio Lower Upper
104 100
78 41.3 40.2 60.4
103 55.4 44.2 66.2

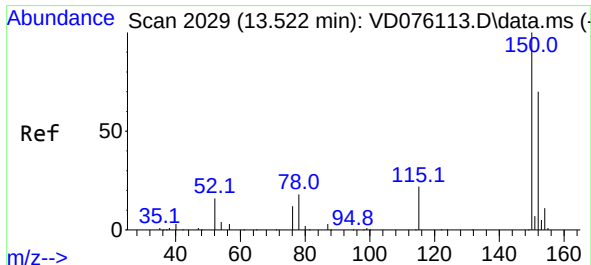
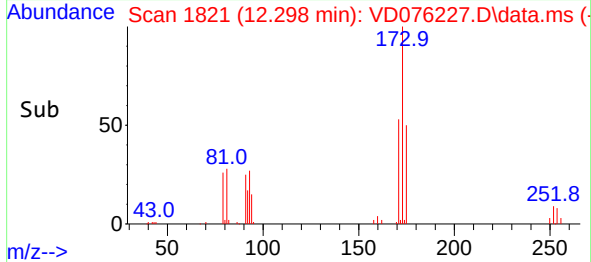
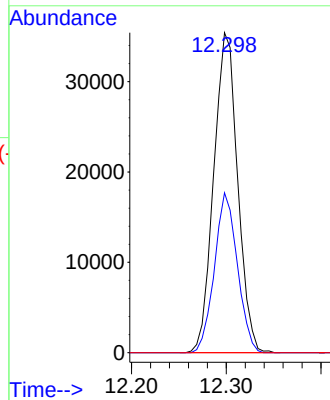
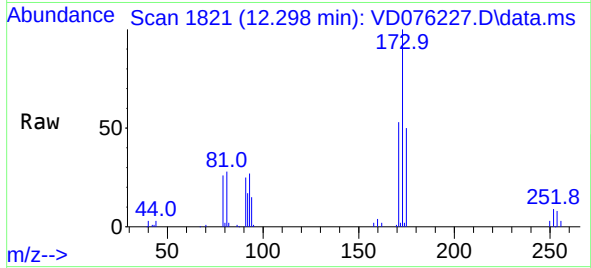




#71
Bromoform
Concen: 47.923 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

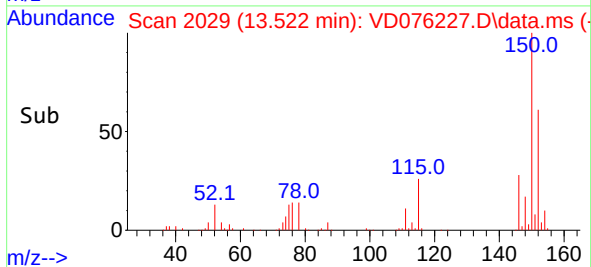
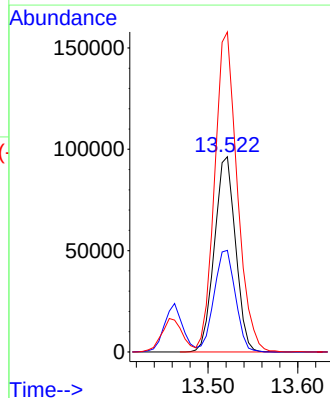
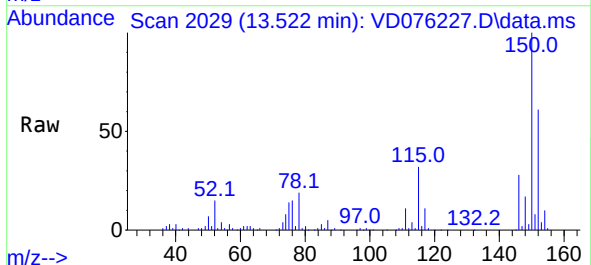
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

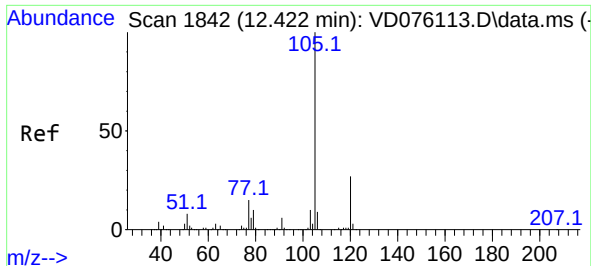
Tgt Ion:173 Resp: 62082
Ion Ratio Lower Upper
173 100
175 47.9 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:152 Resp: 157507
Ion Ratio Lower Upper
152 100
115 52.9 30.1 90.3
150 175.3 0.0 364.8

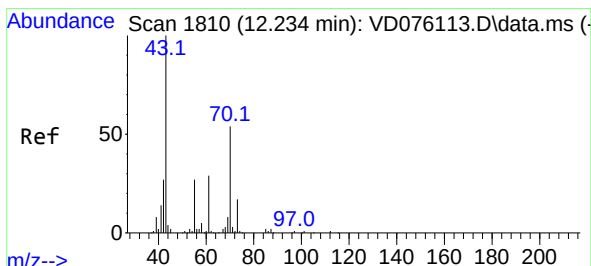
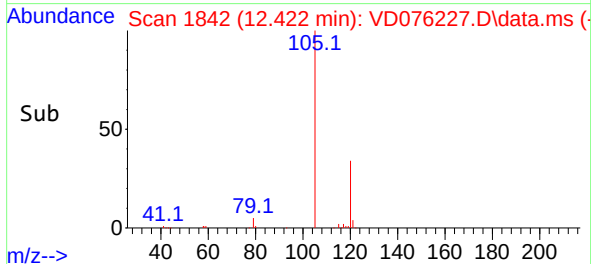
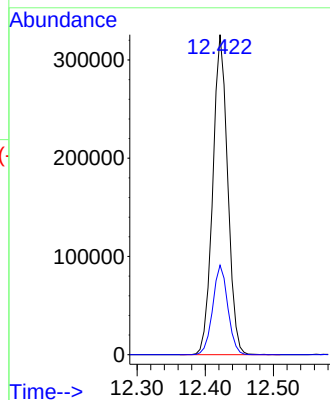
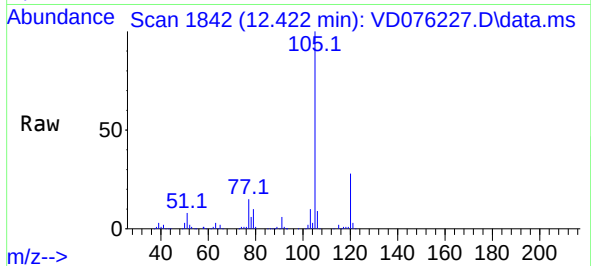




#73
Isopropylbenzene
Concen: 47.645 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

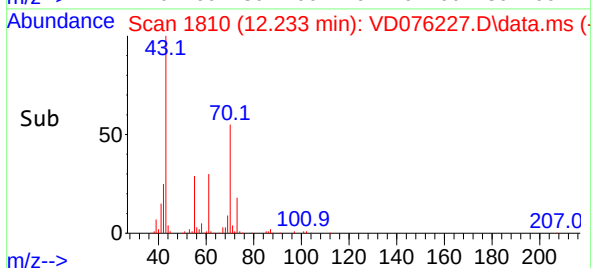
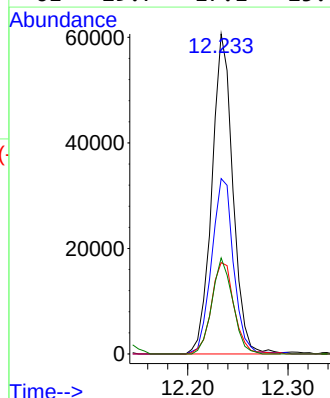
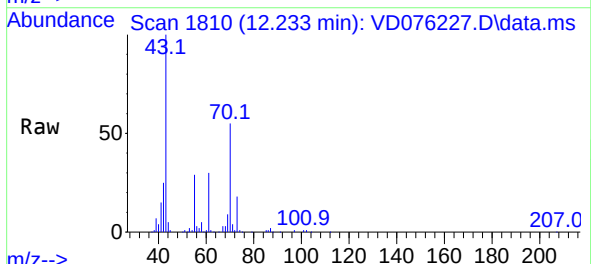
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

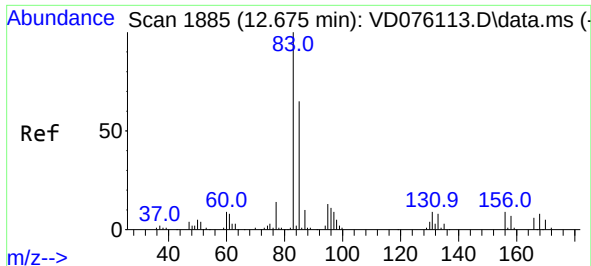
Tgt Ion:105 Resp: 496432
Ion Ratio Lower Upper
105 100
120 28.2 13.4 40.1



#74
N-ethyl acetate
Concen: 47.523 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 43 Resp: 88197
Ion Ratio Lower Upper
43 100
70 57.4 31.0 46.4#
55 31.2 18.6 28.0#
61 29.7 17.1 25.7#

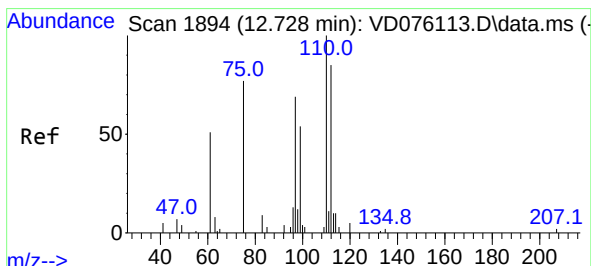
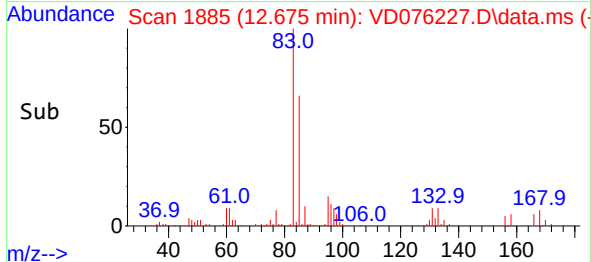
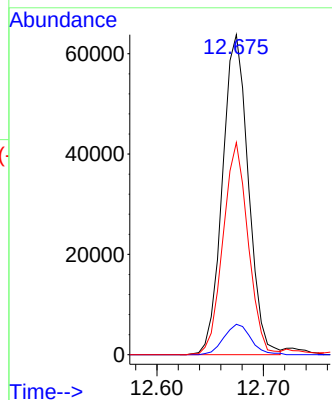
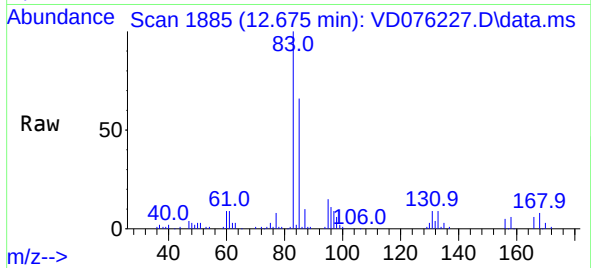




#75
1,1,2,2-Tetrachloroethane
Concen: 48.058 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

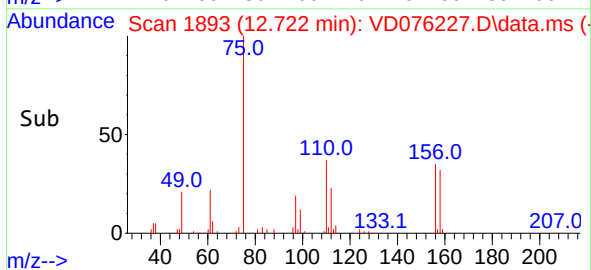
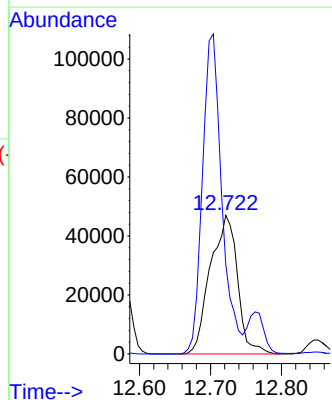
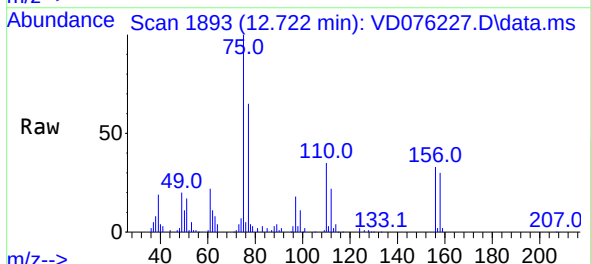
Instrument :
MSVOA_D
ClientSampleId :
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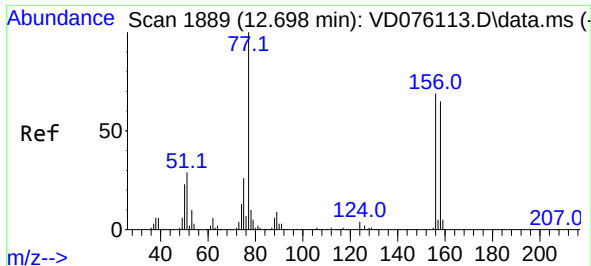
Tgt Ion: 83 Resp: 107618
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.2 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 90.621 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 75 Resp: 124904
Ion Ratio Lower Upper
75 100
77 165.8 0.0 0.0#

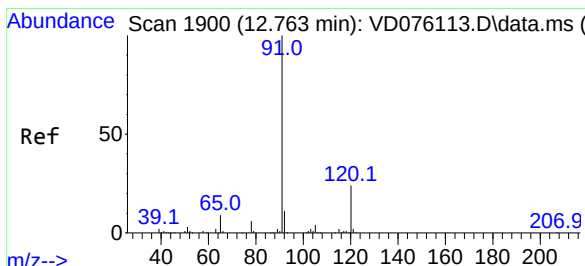
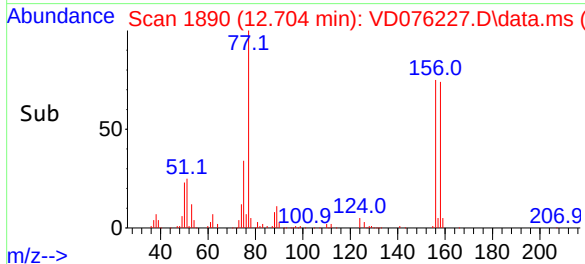
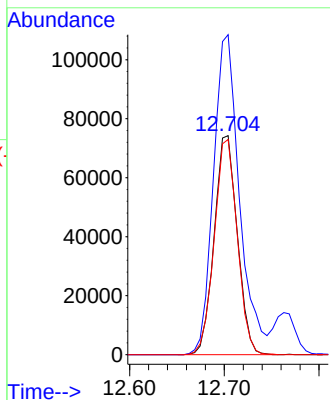
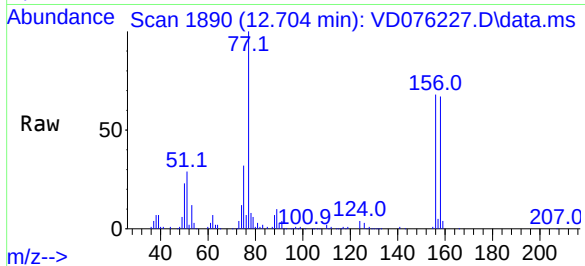




#77
Bromobenzene
Concen: 45.086 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

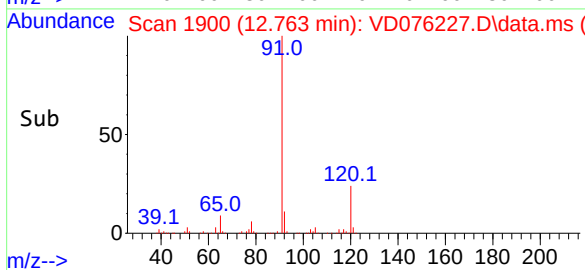
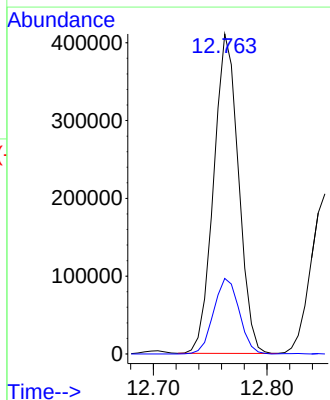
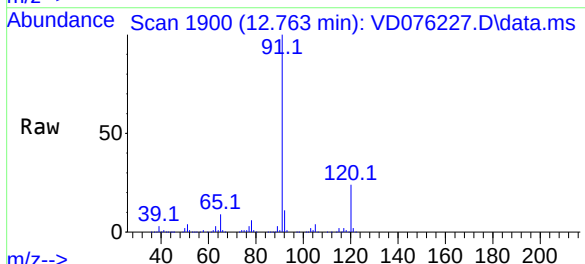
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

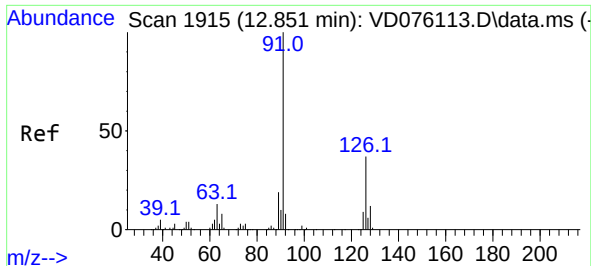
Tgt Ion:156 Resp: 125910
Ion Ratio Lower Upper
156 100
77 164.4 89.5 268.6
158 97.9 47.8 143.4



#78
n-propylbenzene
Concen: 48.088 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 91 Resp: 623658
Ion Ratio Lower Upper
91 100
120 24.3 11.4 34.2

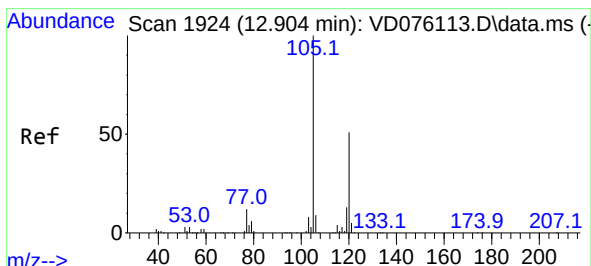
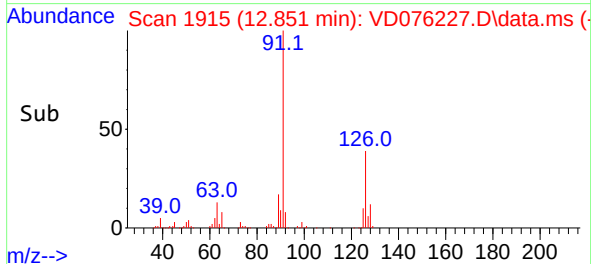
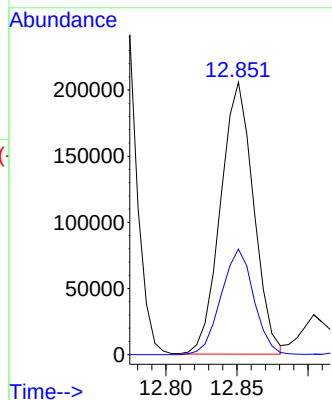
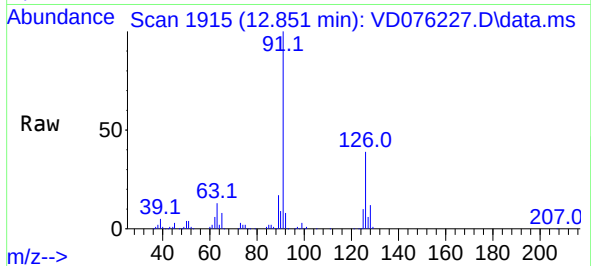




#79
2-Chlorotoluene
Concen: 46.347 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

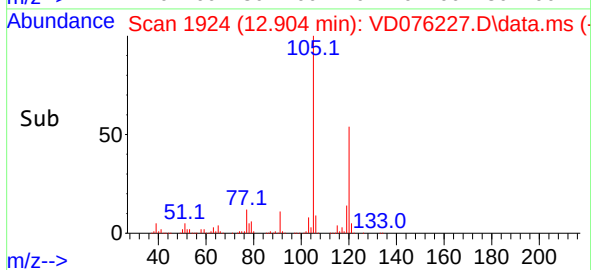
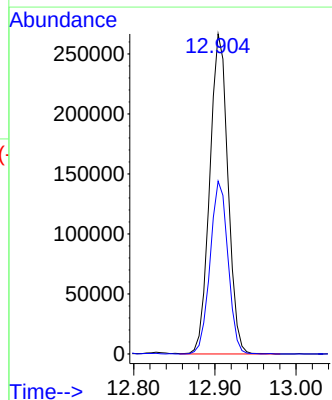
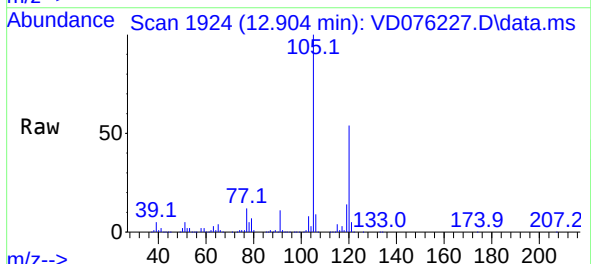
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

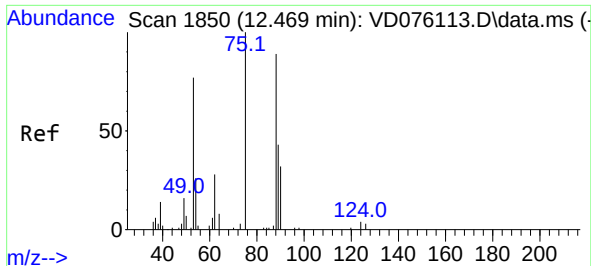
Tgt Ion: 91 Resp: 332668
Ion Ratio Lower Upper
91 100
126 38.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 48.042 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 105 Resp: 414962
Ion Ratio Lower Upper
105 100
120 53.0 24.3 72.8

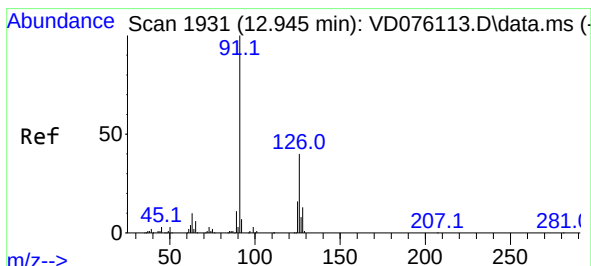
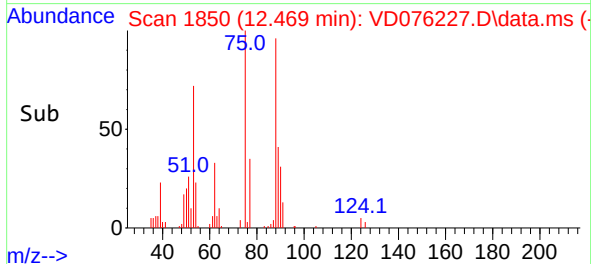
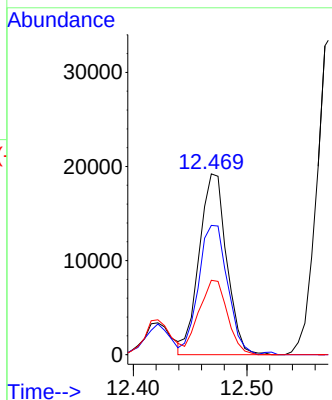
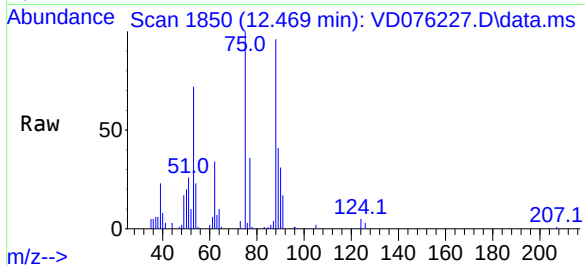




#81
trans-1,4-Dichloro-2-butene
Concen: 49.167 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

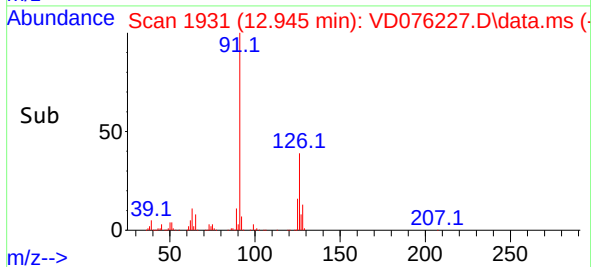
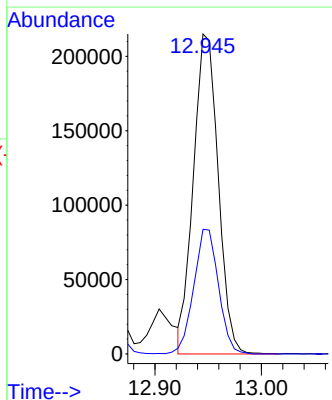
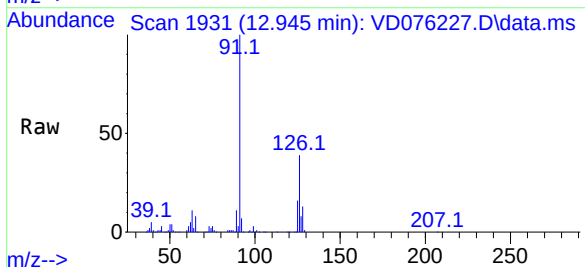
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

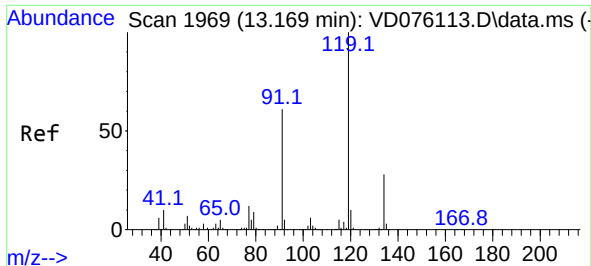
Tgt Ion: 75 Resp: 32304
Ion Ratio Lower Upper
75 100
53 75.9 90.5 135.7#
89 42.1 40.2 60.4



#82
4-Chlorotoluene
Concen: 45.649 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 91 Resp: 348522
Ion Ratio Lower Upper
91 100
126 39.0 17.1 51.2

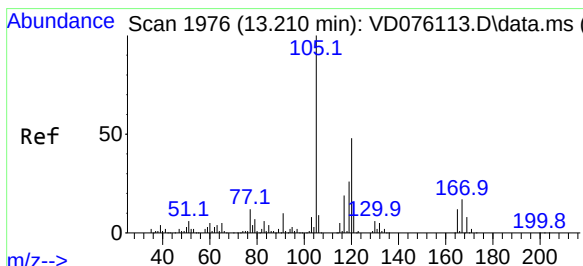
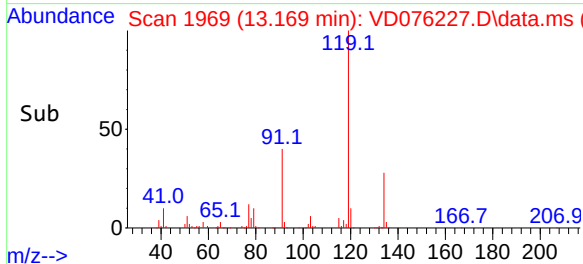
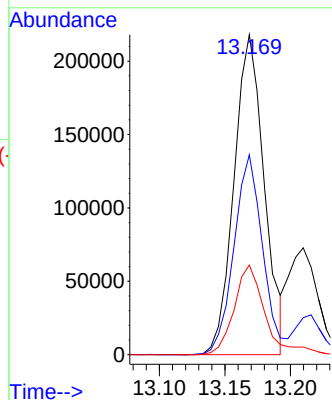
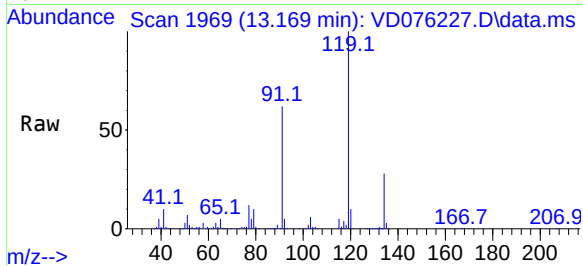




#83
tert-Butylbenzene
Concen: 47.880 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

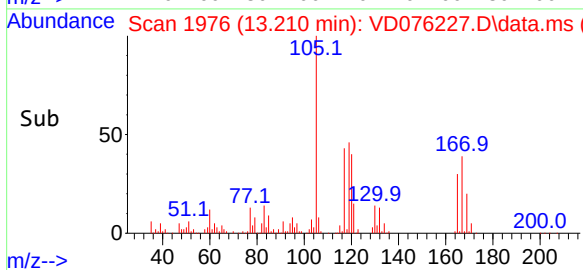
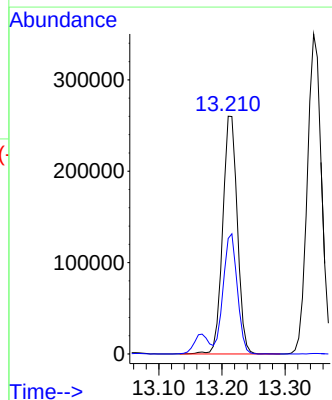
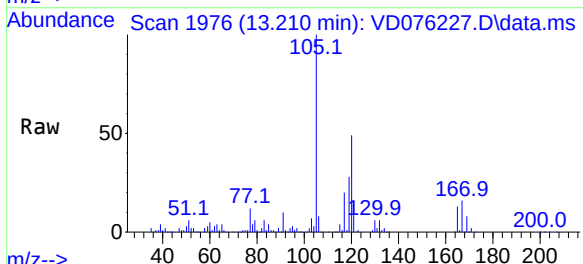
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

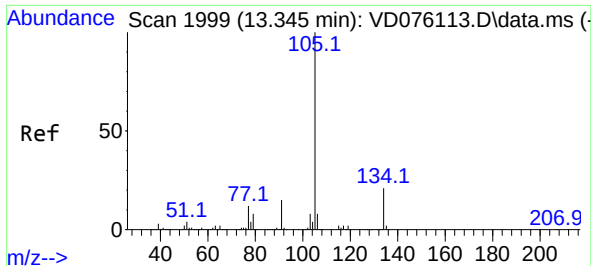
Tgt Ion:119 Resp: 349509
Ion Ratio Lower Upper
119 100
91 59.6 32.4 97.0
134 28.6 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.494 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:105 Resp: 417144
Ion Ratio Lower Upper
105 100
120 48.7 22.3 66.9

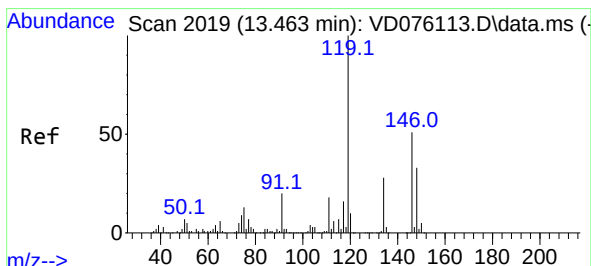
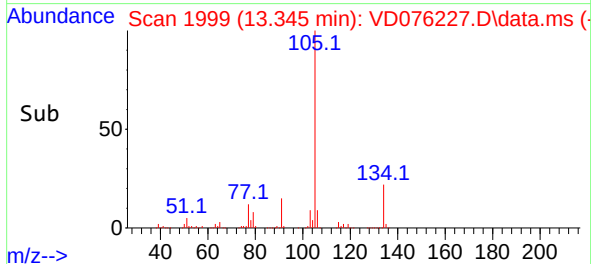
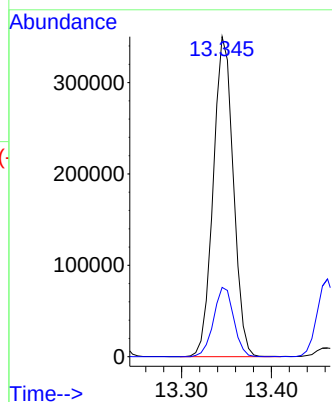
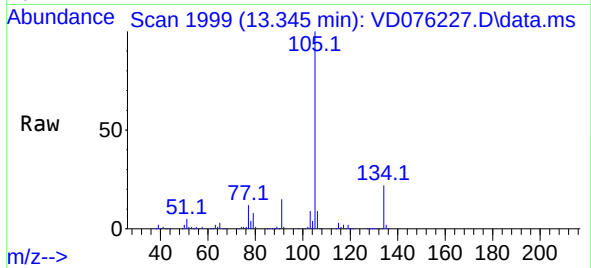




#85
 sec-Butylbenzene
 Concen: 47.839 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076227.D
 Acq: 25 May 2023 11:39

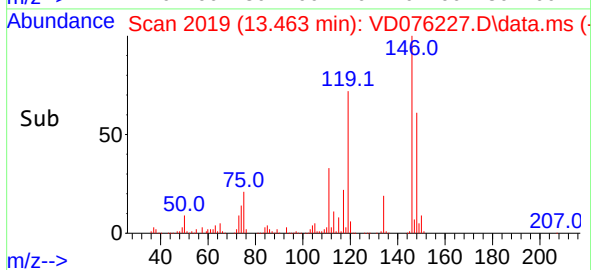
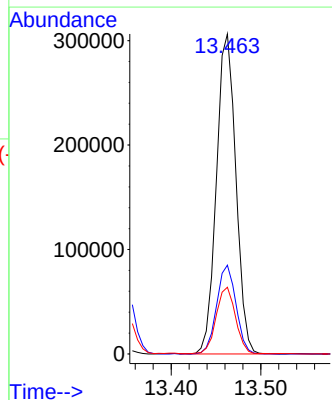
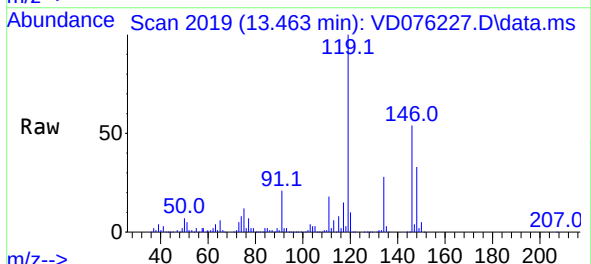
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

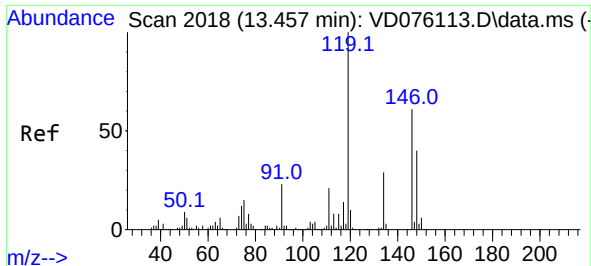
Tgt Ion:105 Resp: 544237
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.531 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076227.D
 Acq: 25 May 2023 11:39

Tgt Ion:119 Resp: 461064
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 20.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.868 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

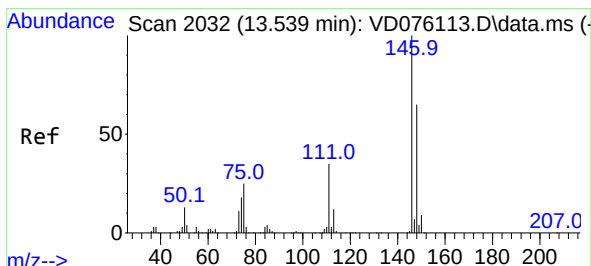
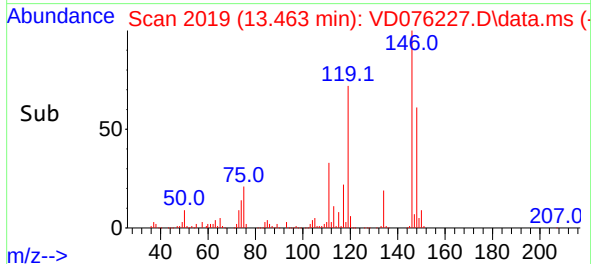
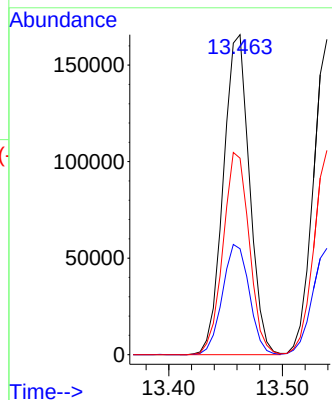
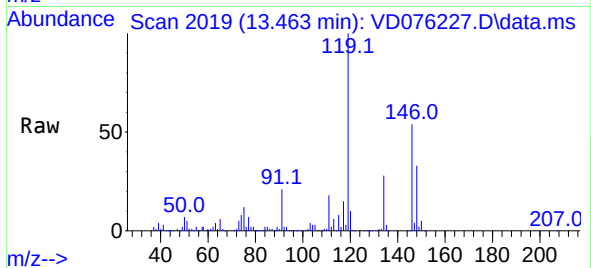
Tgt Ion:146 Resp: 264637

Ion Ratio Lower Upper

146 100

111 35.5 19.8 59.3

148 63.4 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 46.283 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

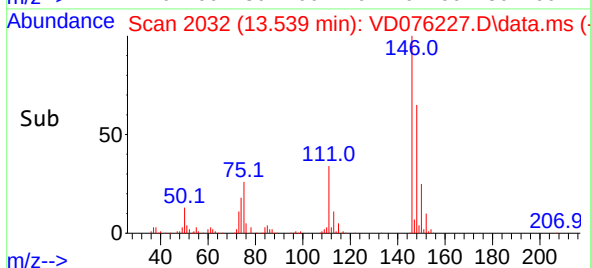
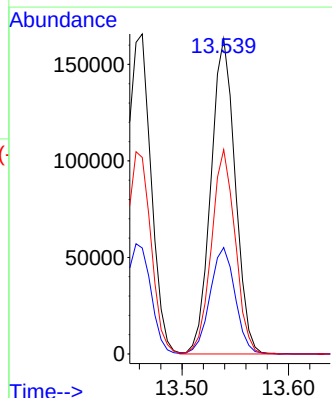
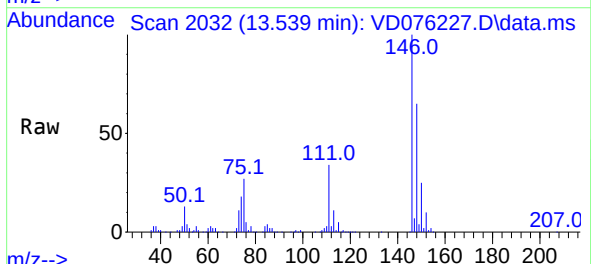
Tgt Ion:146 Resp: 258768

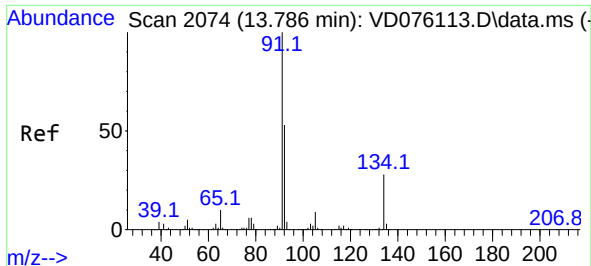
Ion Ratio Lower Upper

146 100

111 34.9 19.6 58.8

148 63.3 31.7 95.1

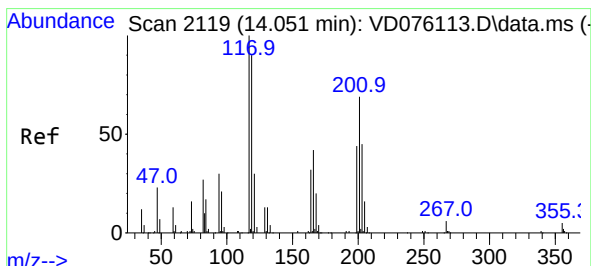
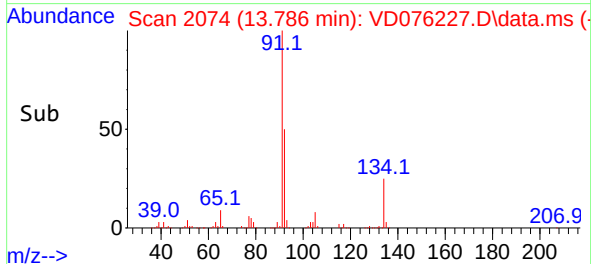
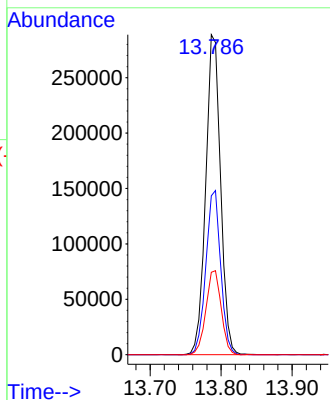
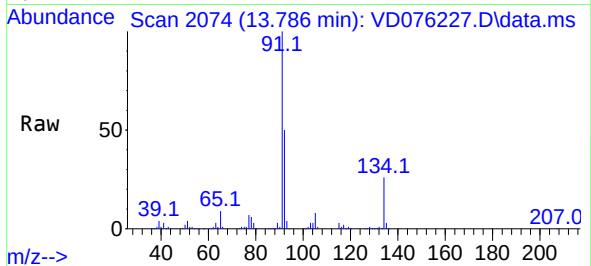




#89
n-Butylbenzene
Concen: 47.974 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

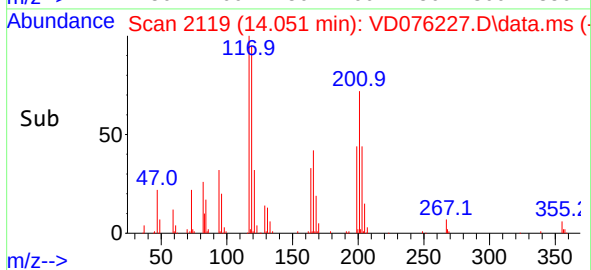
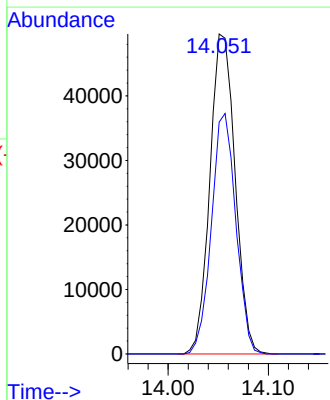
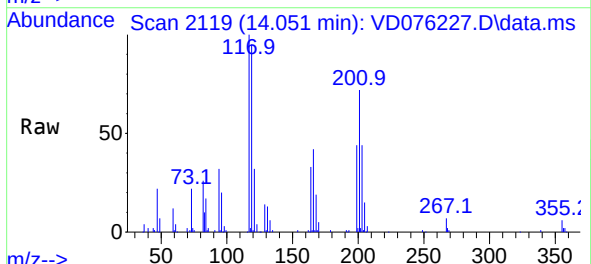
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

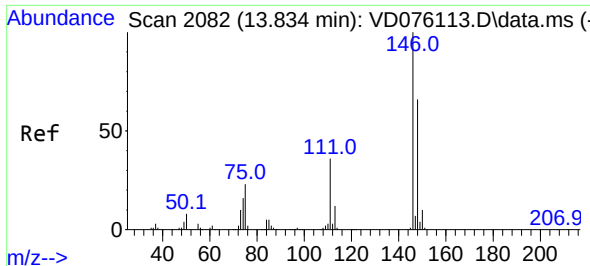
Tgt Ion: 91 Resp: 420842
Ion Ratio Lower Upper
91 100
92 51.2 26.2 78.5
134 27.0 12.7 38.0



#90
Hexachloroethane
Concen: 45.266 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion: 117 Resp: 86672
Ion Ratio Lower Upper
117 100
201 72.7 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 46.336 ug/l

RT: 13.827 min Scan# 2082

Delta R.T. -0.007 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

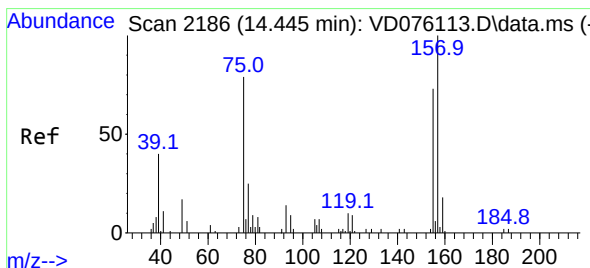
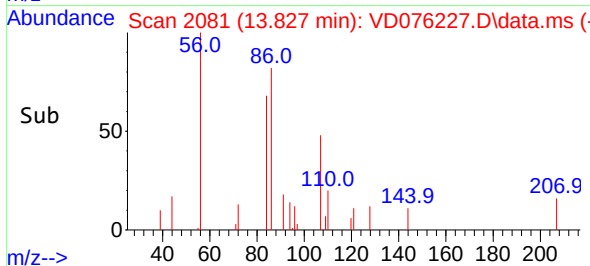
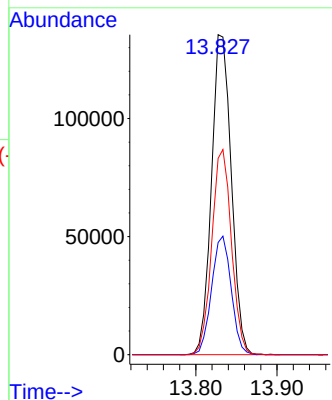
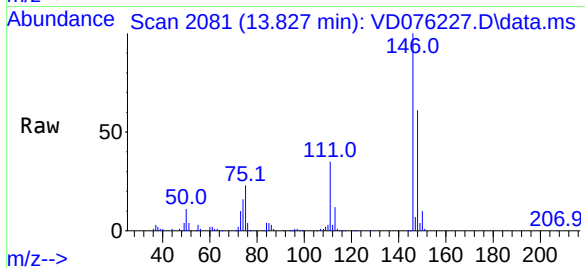
Tgt Ion:146 Resp: 229600

Ion Ratio Lower Upper

146 100

111 36.7 20.6 61.8

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.703 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD076227.D

Acq: 25 May 2023 11:39

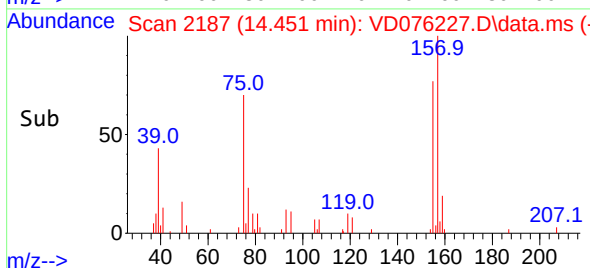
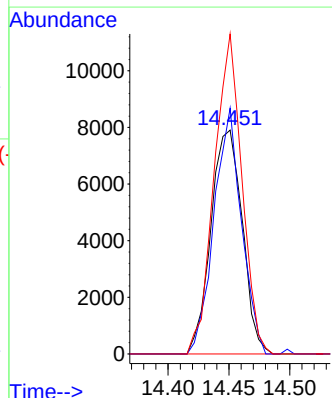
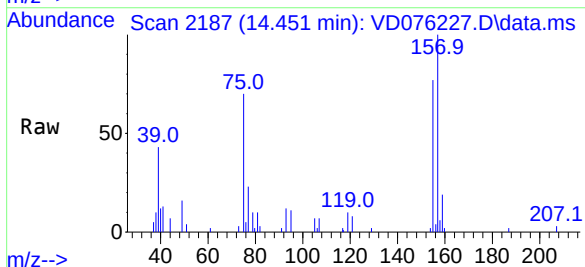
Tgt Ion: 75 Resp: 14161

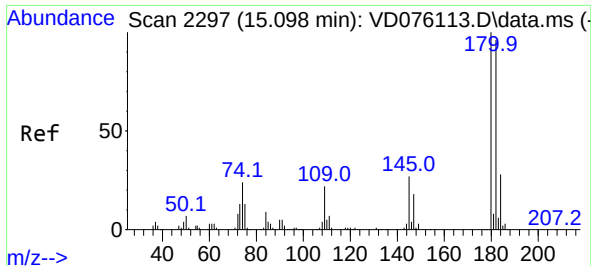
Ion Ratio Lower Upper

75 100

155 96.1 39.5 118.5

157 126.1 53.5 160.7

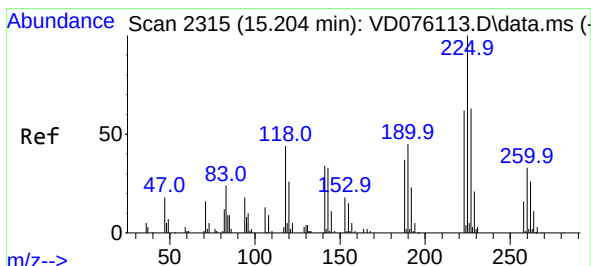
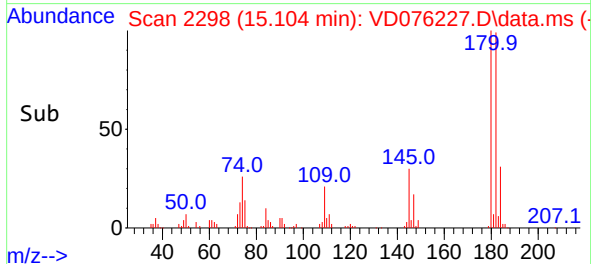
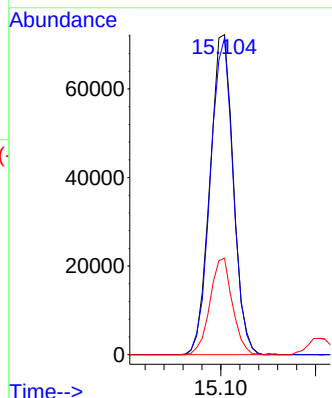
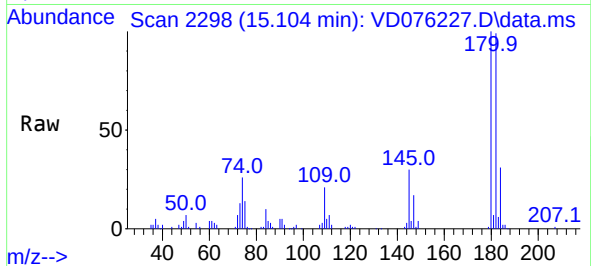




#93
1,2,4-Trichlorobenzene
Concen: 42.941 ug/l
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

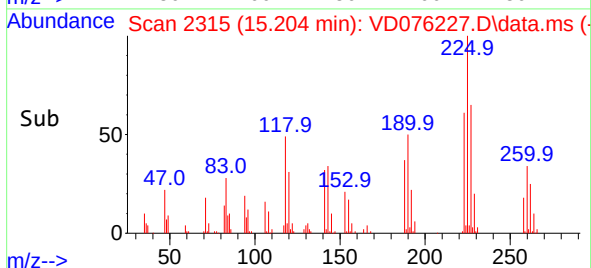
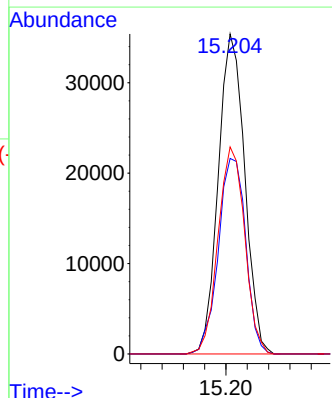
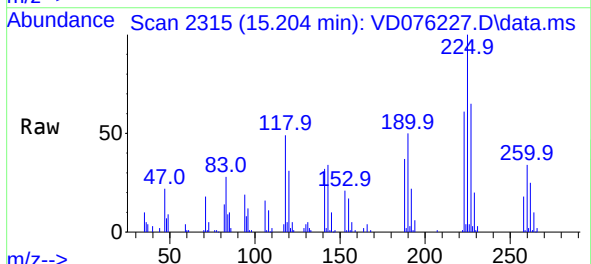
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

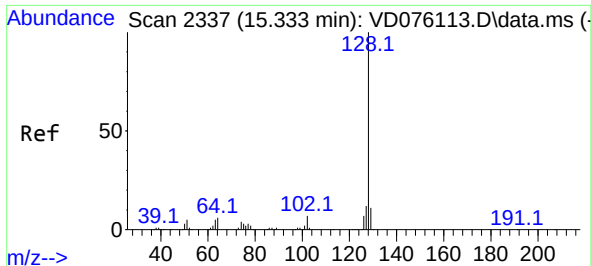
Tgt Ion:180 Resp: 123770
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.7
145 28.9 15.9 47.7



#94
Hexachlorobutadiene
Concen: 41.447 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:225 Resp: 60911
Ion Ratio Lower Upper
225 100
223 63.3 33.1 99.2
227 65.2 31.9 95.9

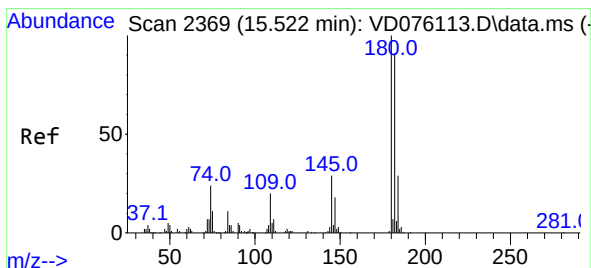
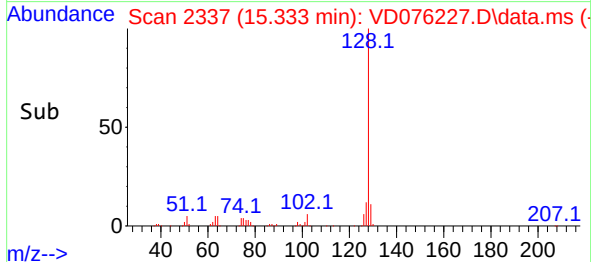
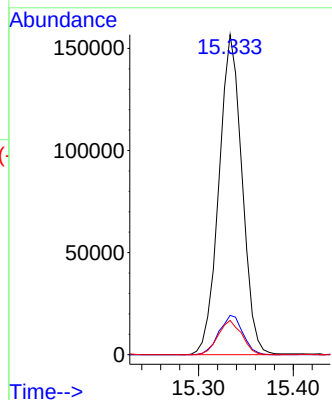
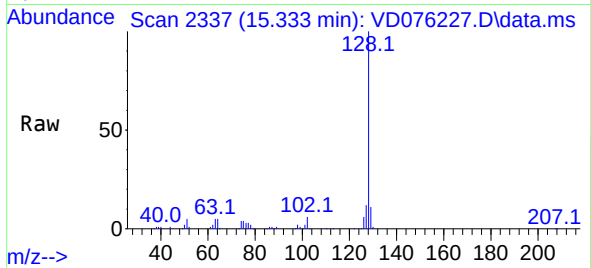




#95
Naphthalene
Concen: 49.770 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 266543
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.793 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.007 min
Lab File: VD076227.D
Acq: 25 May 2023 11:39

Tgt Ion:180 Resp: 117417
Ion Ratio Lower Upper
180 100
182 93.7 47.7 143.1
145 30.3 16.4 49.4

