

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\Not Reviewed Data\
 Data File : VD077832.D
 Acq On : 12 Dec 2023 09:40
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 14:02:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	160679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130630	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	80939	42.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.500%
35) Dibromofluoromethane	7.810	113	83555	43.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.600%
50) Toluene-d8	10.269	98	335394	43.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.780%
62) 4-Bromofluorobenzene	12.575	95	97894	42.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	88399	44.042	ug/l	99
3) Chloromethane	2.152	50	130873	47.836	ug/l	98
4) Vinyl Chloride	2.287	62	177345	47.749	ug/l	98
5) Bromomethane	2.699	94	107786	51.719	ug/l	98
6) Chloroethane	2.846	64	118505	46.800	ug/l	99
7) Trichlorofluoromethane	3.181	101	162544	47.518	ug/l	90
8) Diethyl Ether	3.599	74	46347	48.252	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.975	101	91185	46.596	ug/l	97
10) Methyl Iodide	4.169	142	87379	50.819	ug/l #	88
11) Tert butyl alcohol	5.058	59	21436	234.399	ug/l	98
12) 1,1-Dichloroethene	3.946	96	91727	47.492	ug/l	90
13) Acrolein	3.799	56	44441	221.890	ug/l	96
14) Allyl chloride	4.569	41	122884	46.260	ug/l	92
15) Acrylonitrile	5.258	53	97681	237.518	ug/l	97
16) Acetone	4.022	43	95124	229.935	ug/l #	85
17) Carbon Disulfide	4.275	76	291912	44.674	ug/l	97
18) Methyl Acetate	4.569	43	73474	49.274	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	197762	48.261	ug/l	97
20) Methylene Chloride	4.811	84	104231	46.107	ug/l #	85
21) trans-1,2-Dichloroethene	5.316	96	106440	48.655	ug/l	97
22) Diisopropyl ether	6.222	45	261227	47.059	ug/l	94
23) Vinyl Acetate	6.158	43	637969	235.343	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	172027	45.762	ug/l	95
25) 2-Butanone	7.087	43	118490	226.238	ug/l	88
26) 2,2-Dichloropropane	7.081	77	150520	47.690	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	113150	48.068	ug/l	91
28) Bromochloromethane	7.428	49	72646	47.825	ug/l	81
29) Tetrahydrofuran	7.446	42	69130	229.286	ug/l	87
30) Chloroform	7.599	83	173883	46.217	ug/l	94
31) Cyclohexane	7.881	56	151900	45.105	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	154558	46.600	ug/l	99
36) 1,1-Dichloropropene	8.010	75	141359	45.795	ug/l	96
37) Ethyl Acetate	7.169	43	50212	41.718	ug/l	95
38) Carbon Tetrachloride	7.999	117	139207	45.236	ug/l	99
39) Methylcyclohexane	9.275	83	175233	47.886	ug/l	94
40) Benzene	8.257	78	404817	46.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	27230	44.512	ug/l	90
42) 1,2-Dichloroethane	8.328	62	104236	45.899	ug/l	94
43) Isopropyl Acetate	8.363	43	99095	46.315	ug/l #	91
44) Trichloroethene	9.034	130	103644	45.396	ug/l	90
45) 1,2-Dichloropropane	9.304	63	97784	45.913	ug/l	100
46) Dibromomethane	9.399	93	50933	45.198	ug/l	95
47) Bromodichloromethane	9.587	83	129318	45.275	ug/l	99
48) Methyl methacrylate	9.381	41	55072	45.281	ug/l #	80
49) 1,4-Dioxane	9.387	88	10613	948.463	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	253045	231.736	ug/l	91
52) Toluene	10.334	92	255952	47.098	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	129999	47.395	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	155283	46.825	ug/l #	86
55) 1,1,2-Trichloroethane	10.740	97	70673	45.849	ug/l	98
56) Ethyl methacrylate	10.599	69	63142	46.469	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	125084	47.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	212194	273.837	ug/l	94
59) 2-Hexanone	10.922	43	186666	206.048	ug/l	87
60) Dibromochloromethane	11.075	129	87156	46.963	ug/l	98
61) 1,2-Dibromoethane	11.181	107	65408	45.078	ug/l	98
64) Tetrachloroethene	10.810	164	84212	46.252	ug/l	93
65) Chlorobenzene	11.610	112	260890	44.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	96256	46.727	ug/l	96
67) Ethyl Benzene	11.687	91	489380	47.451	ug/l	99
68) m/p-Xylenes	11.798	106	386814	98.053	ug/l	94
69) o-Xylene	12.122	106	176057	48.424	ug/l	93
70) Styrene	12.140	104	262140	48.489	ug/l	94
71) Bromoform	12.304	173	51290	47.652	ug/l #	98
73) Isopropylbenzene	12.422	105	468247	47.295	ug/l	97
74) N-amyl acetate	12.234	43	90298	46.398	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	80476	46.618	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	101257	89.250	ug/l #	100
77) Bromobenzene	12.704	156	106598	45.775	ug/l	91
78) n-propylbenzene	12.763	91	575259	47.683	ug/l	96
79) 2-Chlorotoluene	12.851	91	302836	46.840	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	387634	46.943	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	27048	48.303	ug/l	94
82) 4-Chlorotoluene	12.951	91	317891	47.032	ug/l	97
83) tert-Butylbenzene	13.169	119	333130	47.787	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	399148	48.329	ug/l	96
85) sec-Butylbenzene	13.345	105	499620	48.485	ug/l	97
86) p-Isopropyltoluene	13.463	119	450591	48.840	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	222223	46.663	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	220752	46.323	ug/l	98
89) n-Butylbenzene	13.787	91	430958	49.643	ug/l	98
90) Hexachloroethane	14.057	117	82402	48.566	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	190259	46.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11436	45.646	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	126152	45.600	ug/l	97
94) Hexachlorobutadiene	15.204	225	72204	48.400	ug/l	99
95) Naphthalene	15.334	128	223687	48.664	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	107858	47.291	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Dec 08 13:33:18 2023
Response via : Initial Calibration

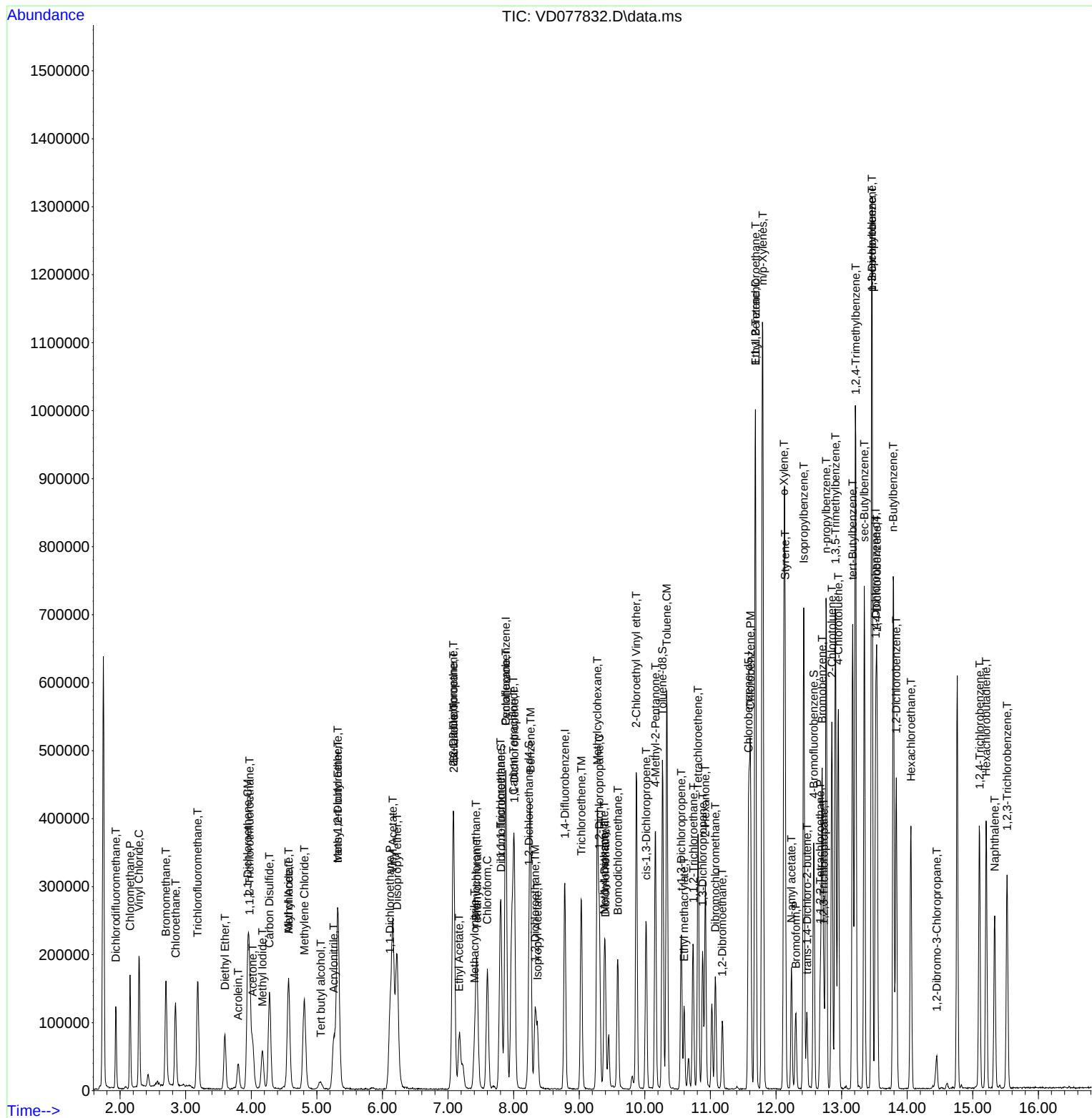
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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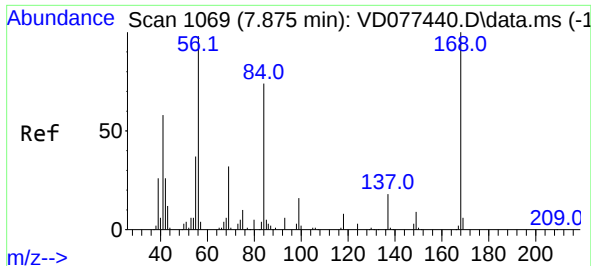
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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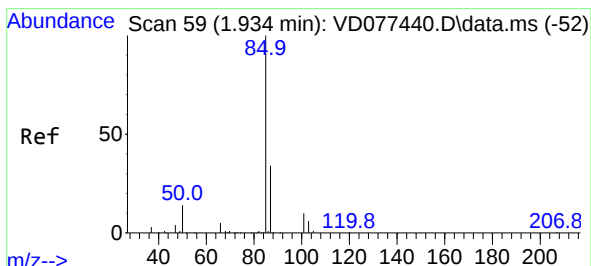
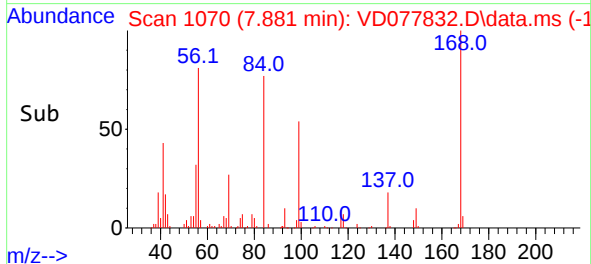
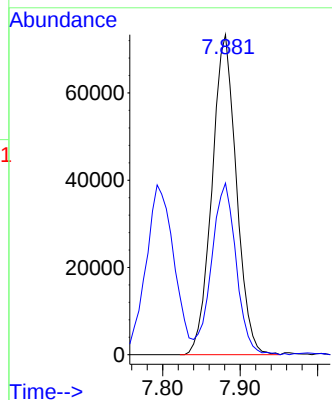
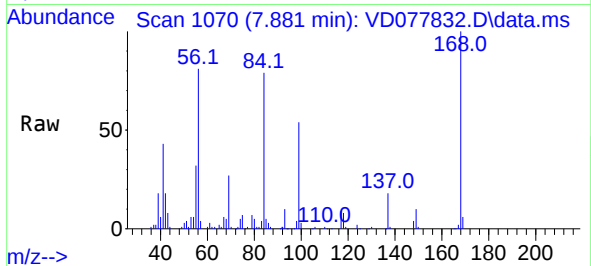




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
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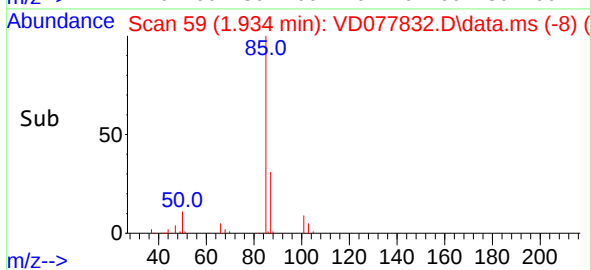
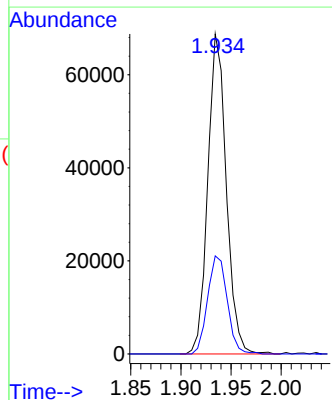
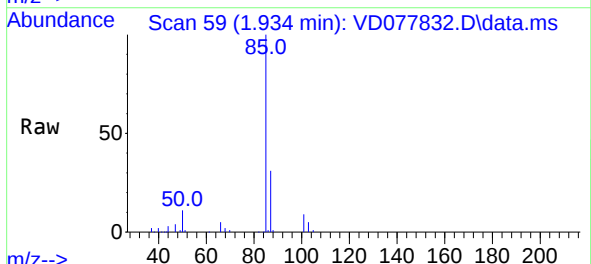
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

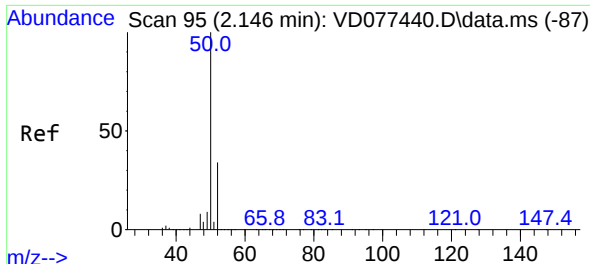
Tgt Ion:168 Resp: 160679
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.042 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 85 Resp: 88399
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

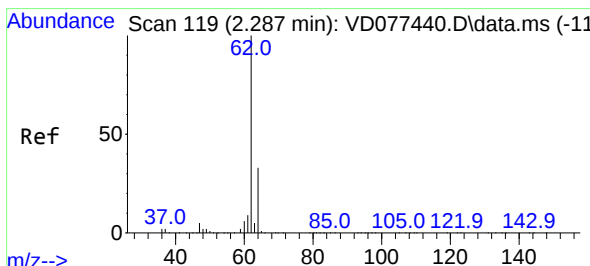
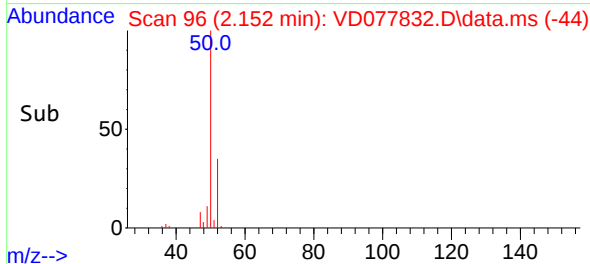
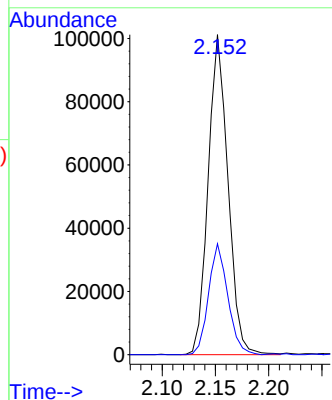
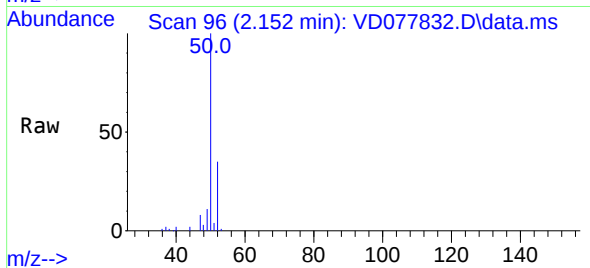




#3
Chloromethane
Concen: 47.836 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

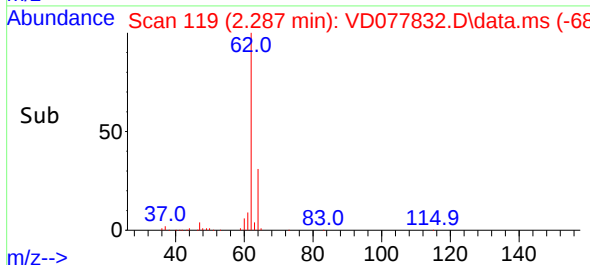
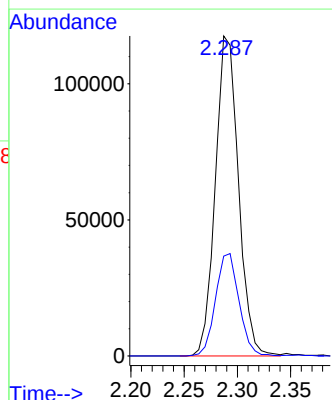
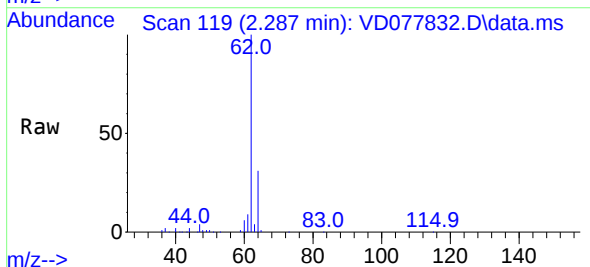
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ClientSampleId :
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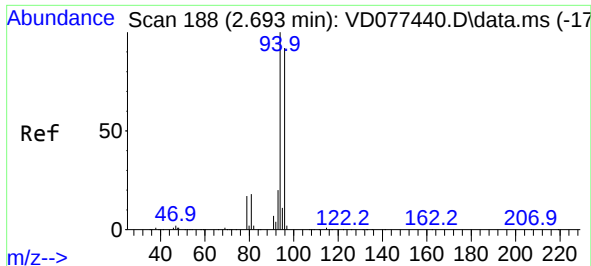
Tgt Ion: 50 Resp: 130873
Ion Ratio Lower Upper
50 100
52 34.7 26.6 40.0



#4
Vinyl Chloride
Concen: 47.749 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 62 Resp: 177345
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

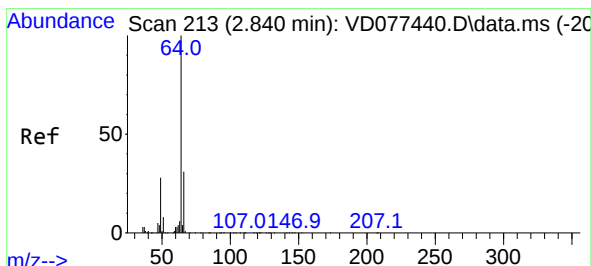
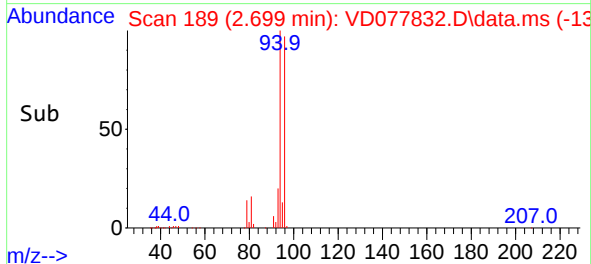
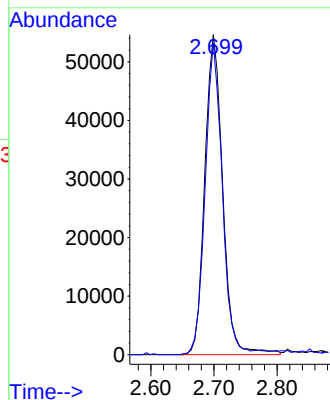
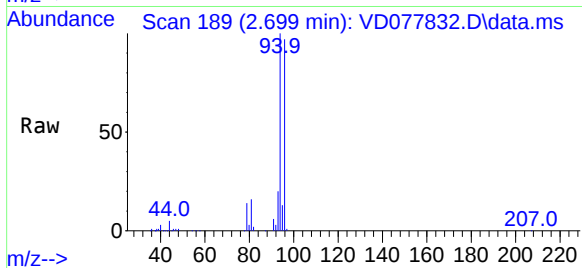




#5
Bromomethane
Concen: 51.719 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
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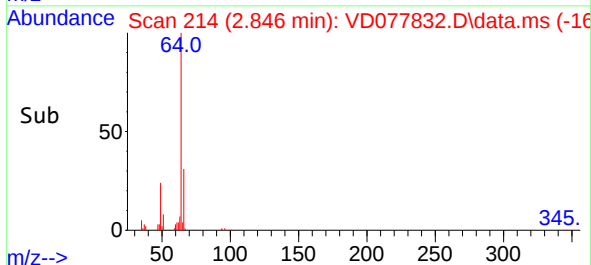
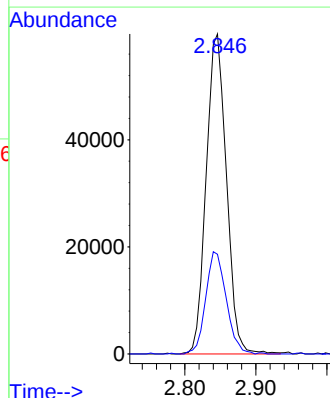
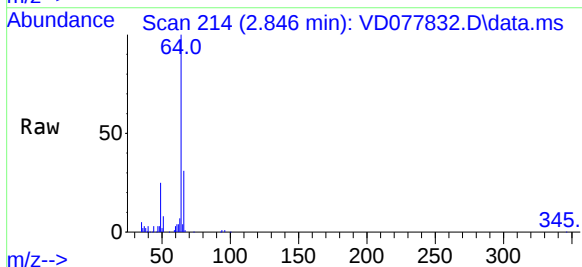
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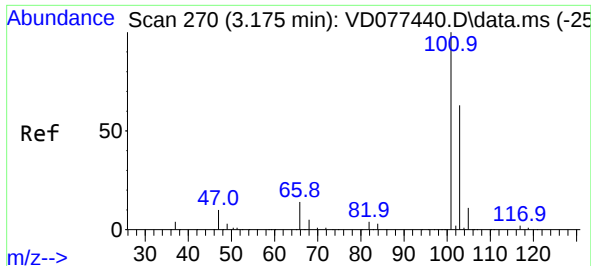
Tgt Ion: 94 Resp: 107786
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8



#6
Chloroethane
Concen: 46.800 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077832.D
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Tgt Ion: 64 Resp: 118505
Ion Ratio Lower Upper
64 100
66 31.1 25.5 38.3

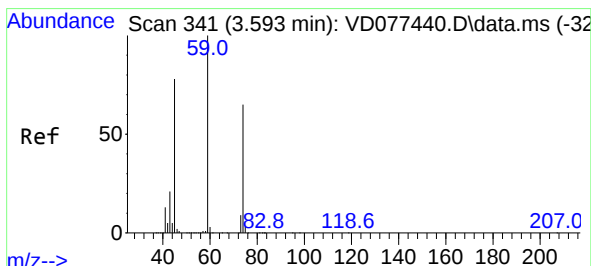
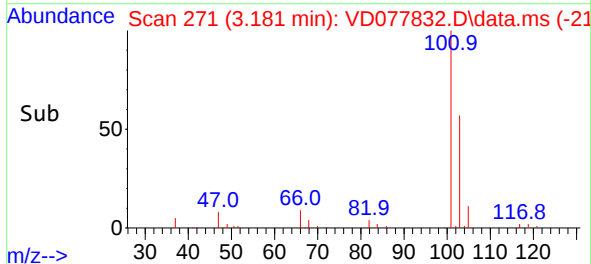
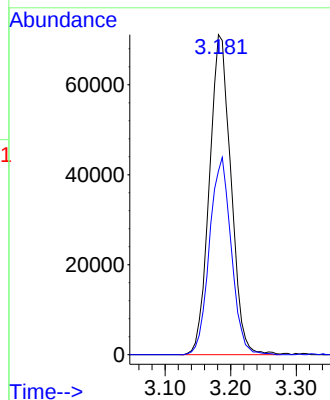
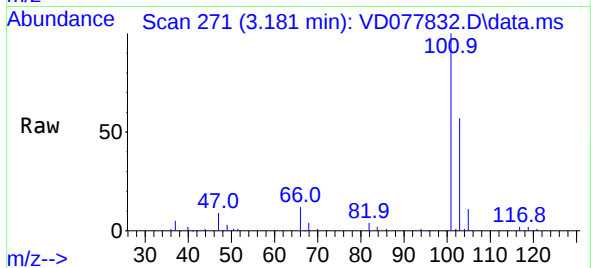




#7
Trichlorofluoromethane
Concen: 47.518 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

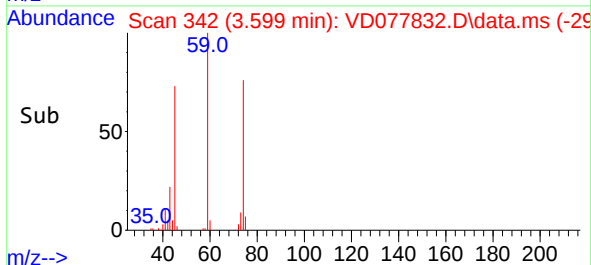
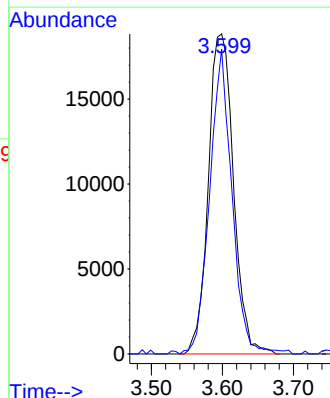
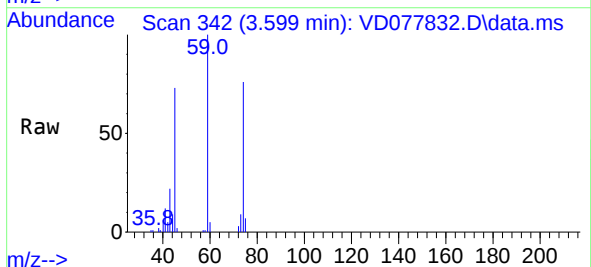
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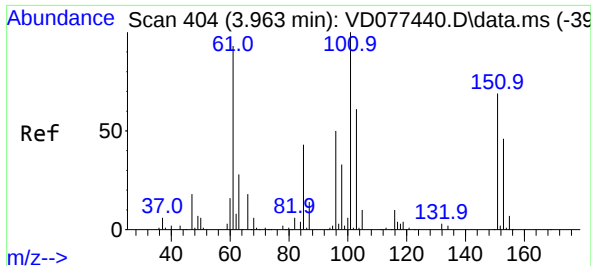
Tgt Ion:101 Resp: 162544
Ion Ratio Lower Upper
101 100
103 57.4 52.3 78.5



#8
Diethyl Ether
Concen: 48.252 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 74 Resp: 46347
Ion Ratio Lower Upper
74 100
45 84.4 37.5 112.7

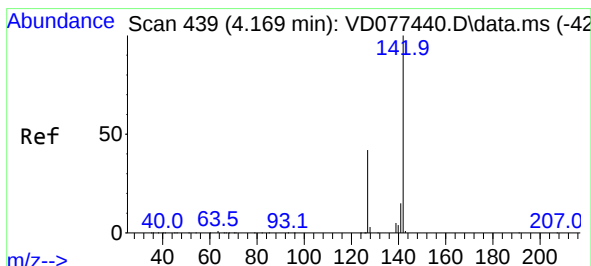
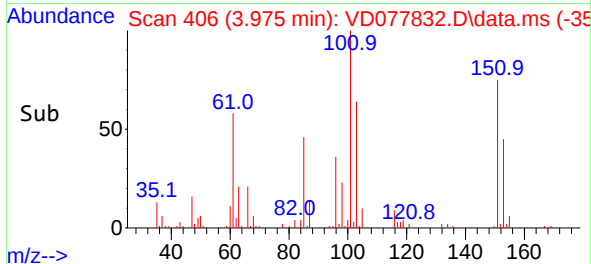
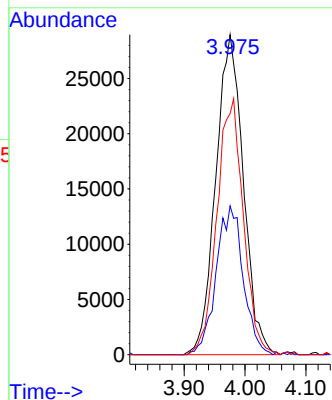
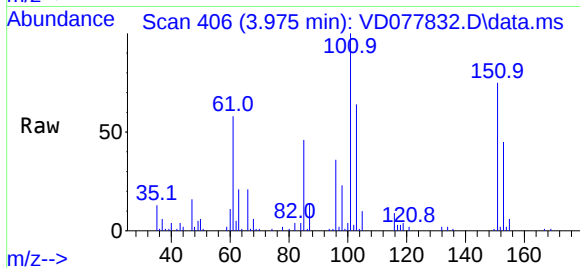




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.596 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

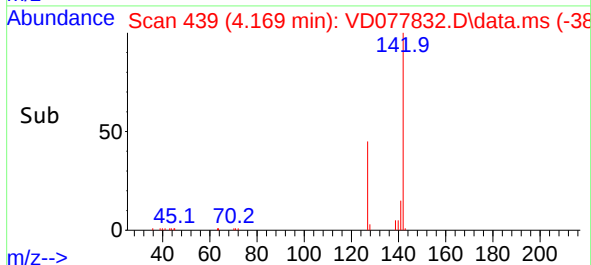
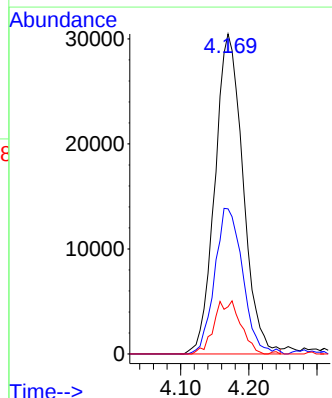
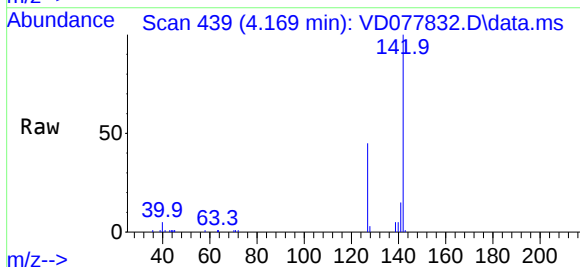
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

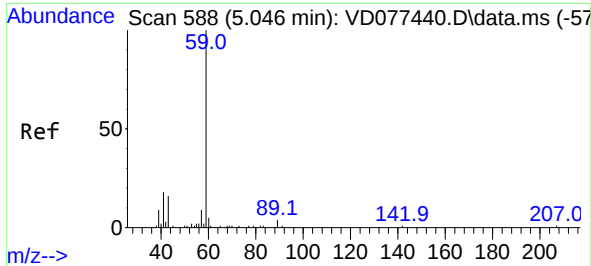
Tgt Ion:101 Resp: 91185
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 76.5 59.8 89.6



#10
Methyl Iodide
Concen: 50.819 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:142 Resp: 87379
Ion Ratio Lower Upper
142 100
127 45.4 29.4 44.0#
141 15.8 11.1 16.7

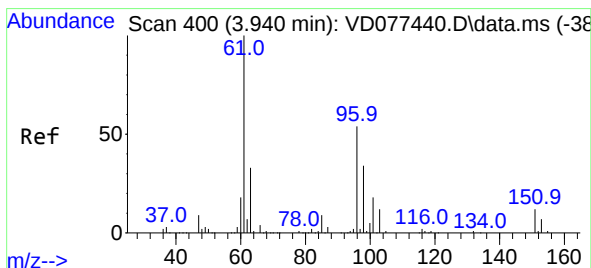
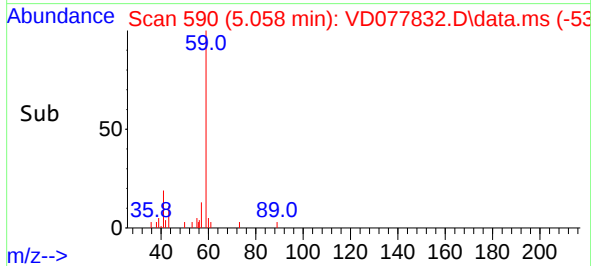
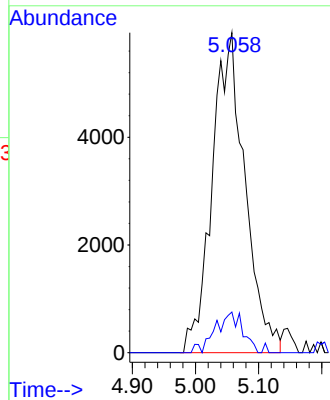
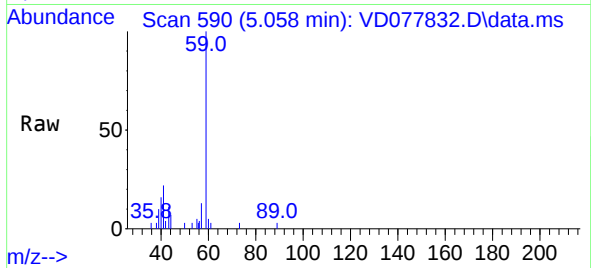




#11
Tert butyl alcohol
Concen: 234.399 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

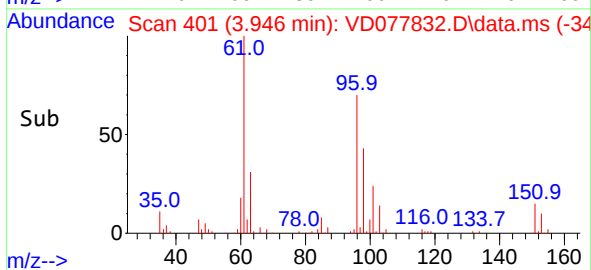
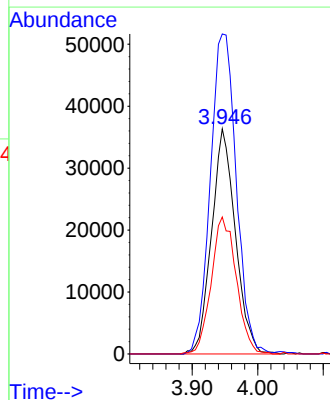
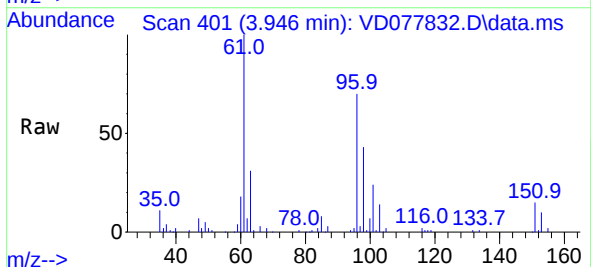
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

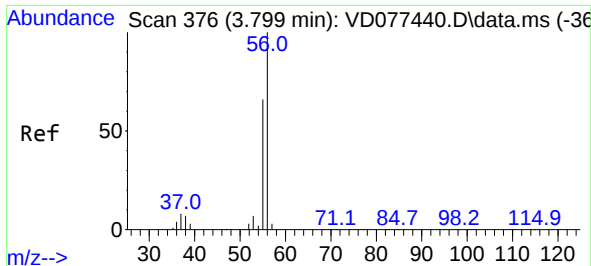
Tgt Ion: 59 Resp: 21436
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.492 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 96 Resp: 91727
Ion Ratio Lower Upper
96 100
61 142.2 100.6 150.8
98 60.9 50.2 75.2

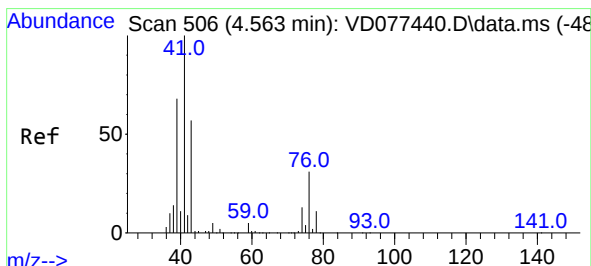
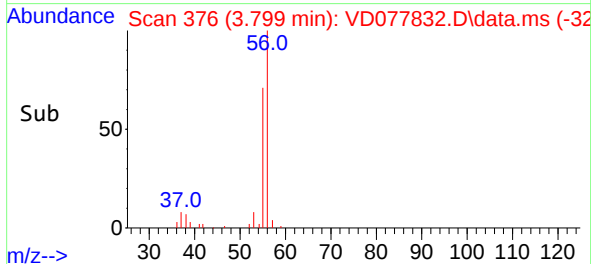
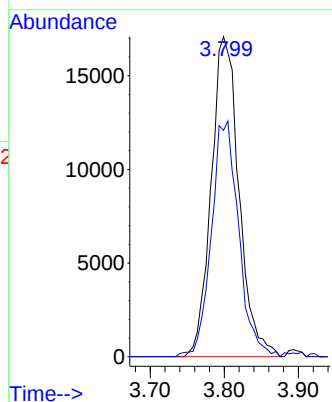
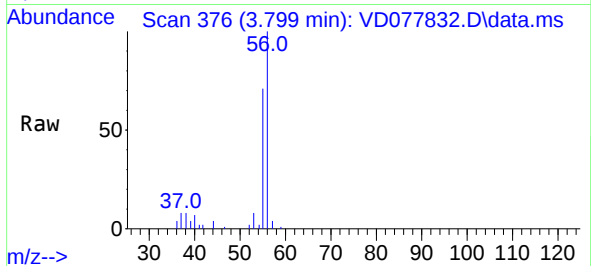




#13
Acrolein
Concen: 221.890 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

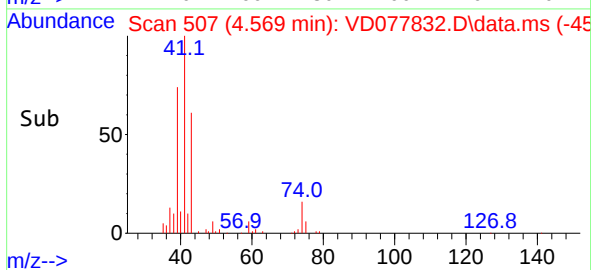
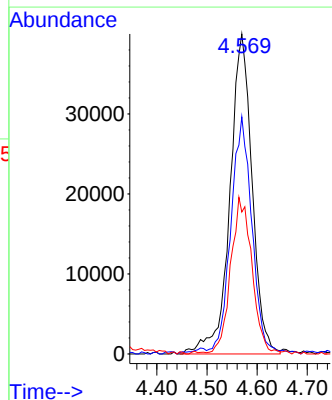
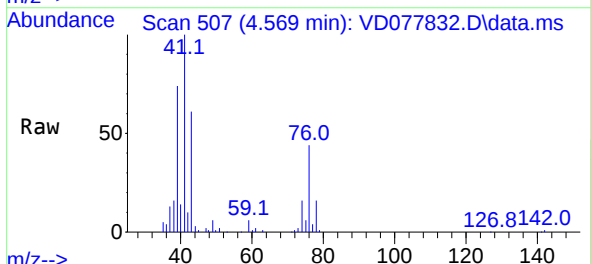
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

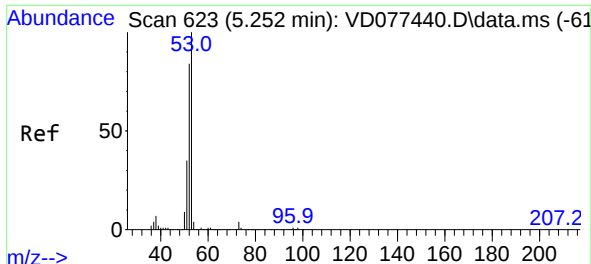
Tgt Ion: 56 Resp: 44441
Ion Ratio Lower Upper
56 100
55 72.3 55.1 82.7



#14
Allyl chloride
Concen: 46.260 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 41 Resp: 122884
Ion Ratio Lower Upper
41 100
39 69.3 53.8 80.6
76 47.1 45.8 68.8

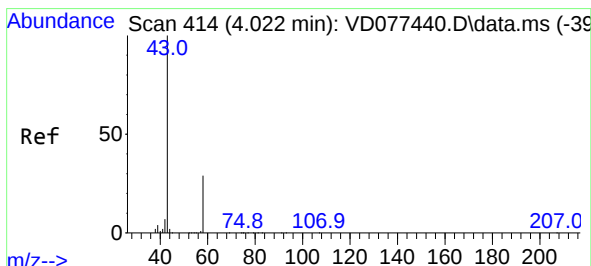
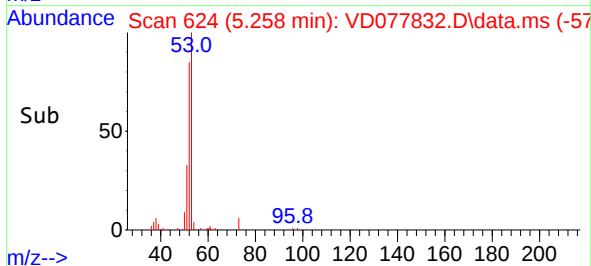
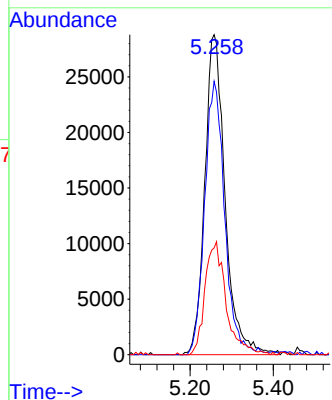
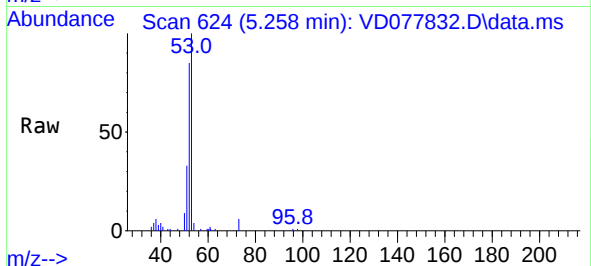




#15
Acrylonitrile
Concen: 237.518 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

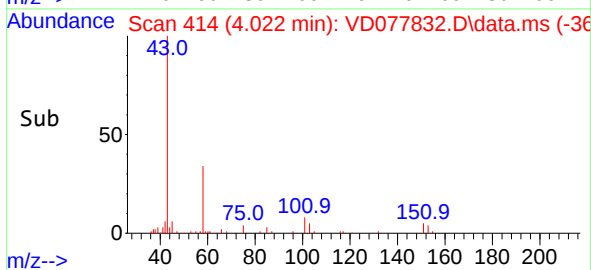
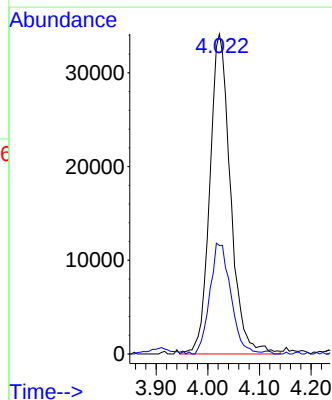
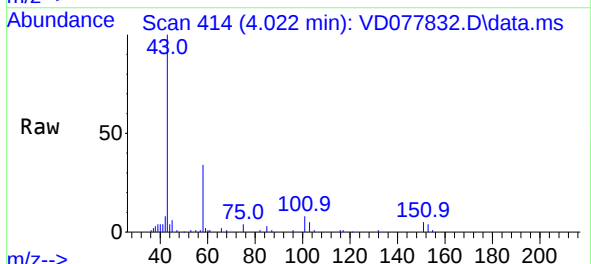
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

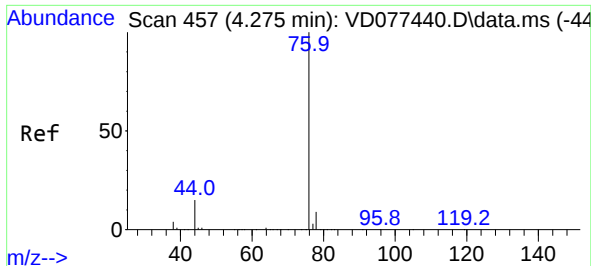
Tgt Ion: 53 Resp: 97681
Ion Ratio Lower Upper
53 100
52 84.0 65.0 97.4
51 36.8 28.3 42.5



#16
Acetone
Concen: 229.935 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 43 Resp: 95124
Ion Ratio Lower Upper
43 100
58 33.9 34.7 52.1#

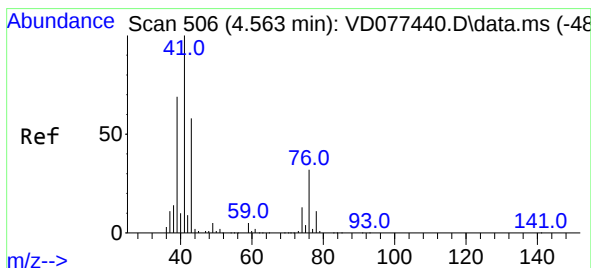
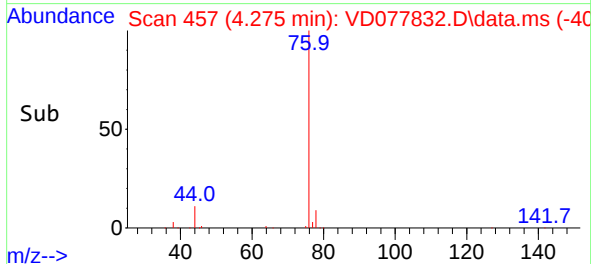
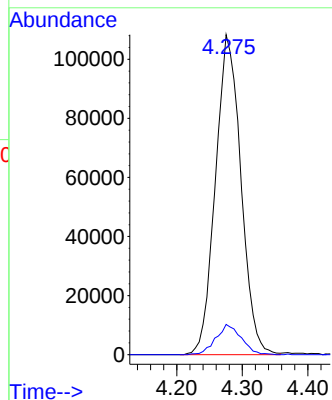
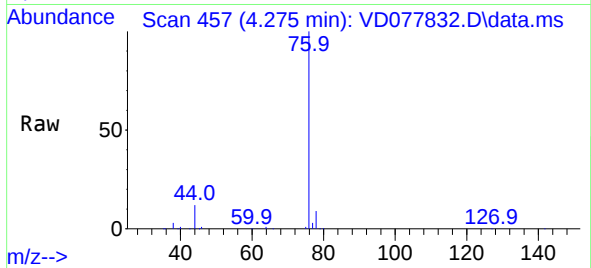




#17
Carbon Disulfide
Concen: 44.674 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

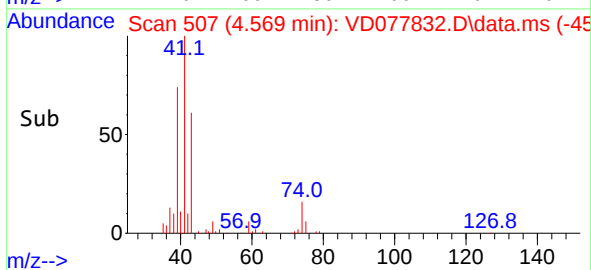
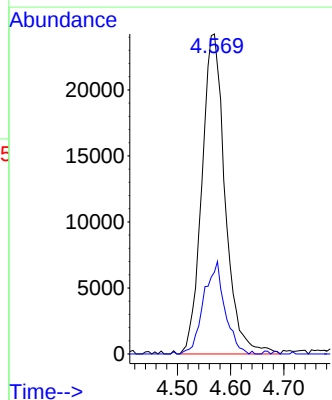
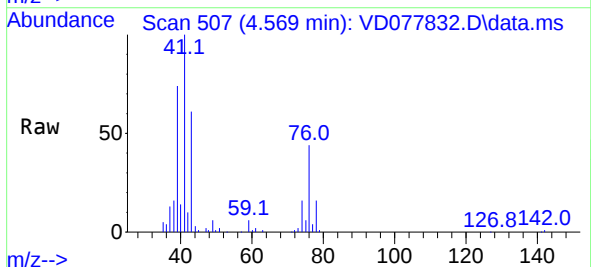
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

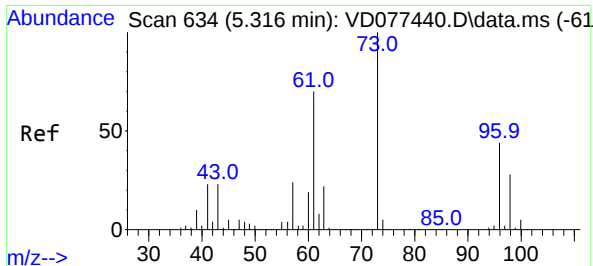
Tgt Ion: 76 Resp: 291912
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 49.274 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 43 Resp: 73474
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#

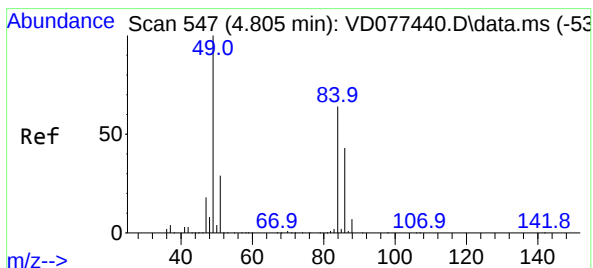
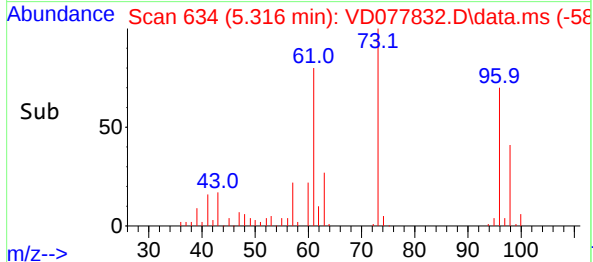
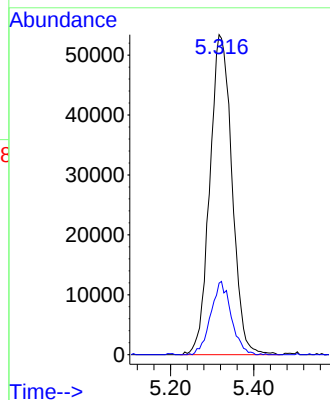
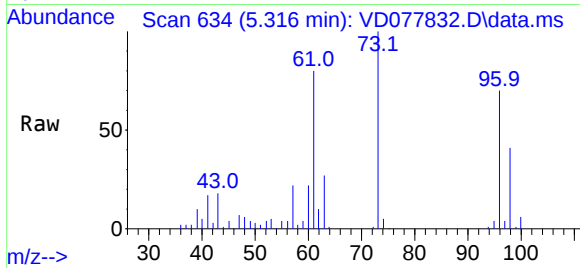




#19
Methyl tert-butyl Ether
Concen: 48.261 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

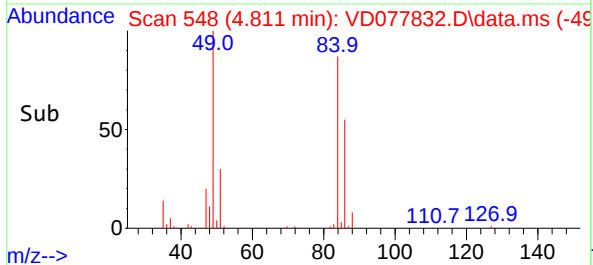
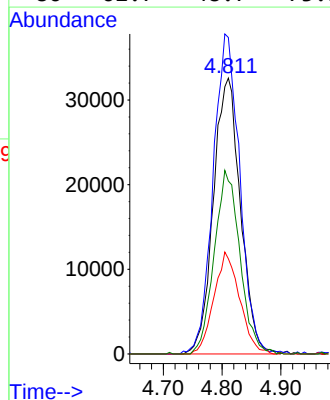
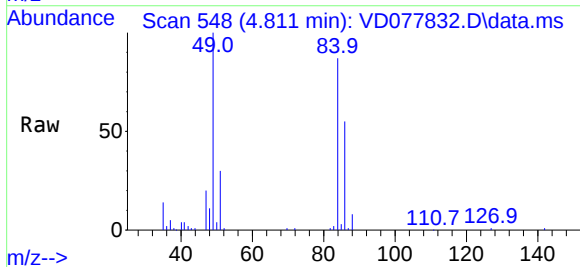
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

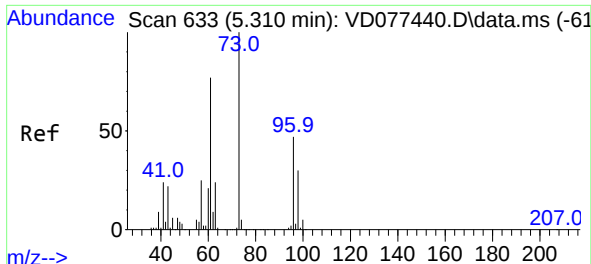
Tgt Ion: 73 Resp: 197762
Ion Ratio Lower Upper
73 100
57 22.4 16.6 25.0



#20
Methylene Chloride
Concen: 46.107 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 84 Resp: 104231
Ion Ratio Lower Upper
84 100
49 114.7 71.4 107.2#
51 34.5 24.5 36.7
86 62.7 48.7 73.1

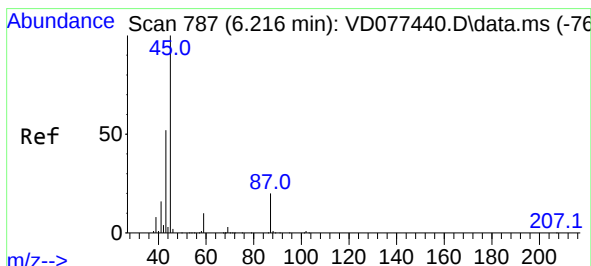
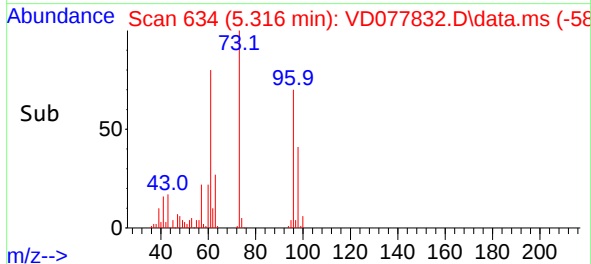
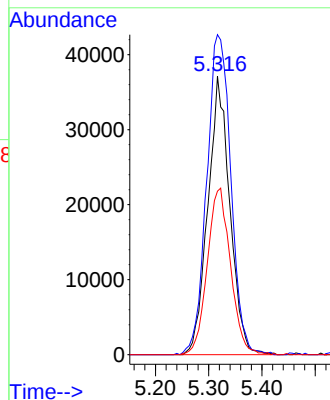
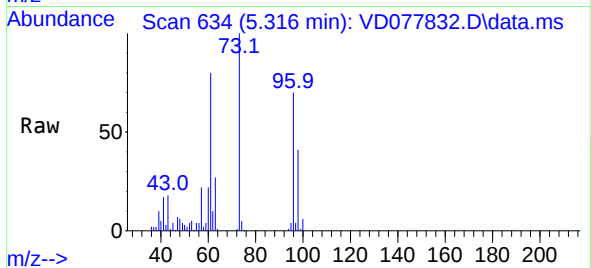




#21
trans-1,2-Dichloroethene
Concen: 48.655 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

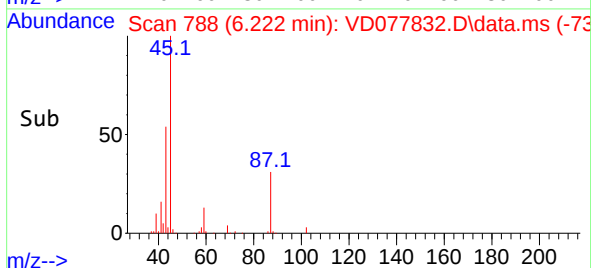
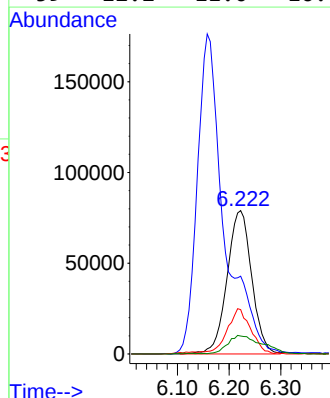
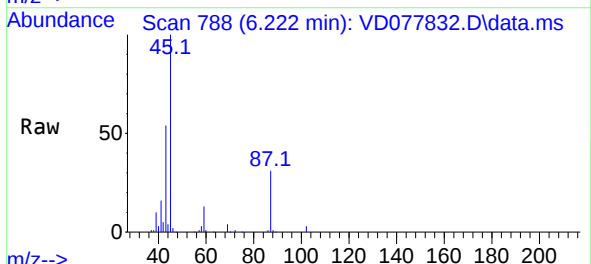
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

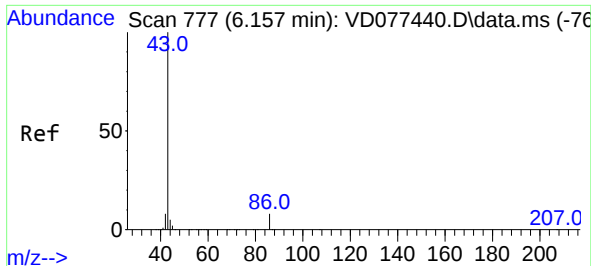
Tgt Ion: 96 Resp: 106440
Ion Ratio Lower Upper
96 100
61 114.9 89.3 133.9
98 58.7 48.6 73.0



#22
Diisopropyl ether
Concen: 47.059 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 45 Resp: 261227
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 30.5 28.2 42.4
59 12.2 11.0 16.4

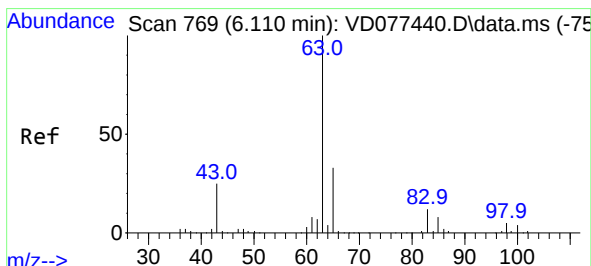
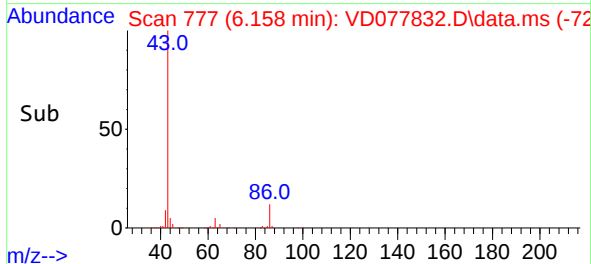
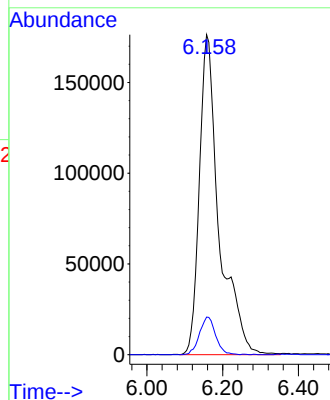
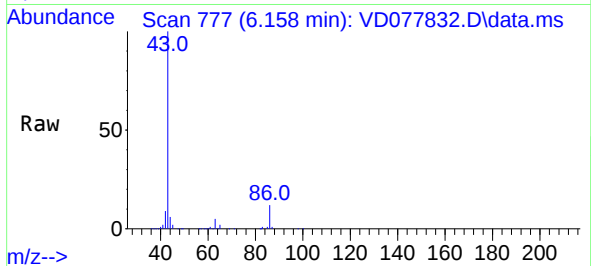




#23
 Vinyl Acetate
 Concen: 235.343 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

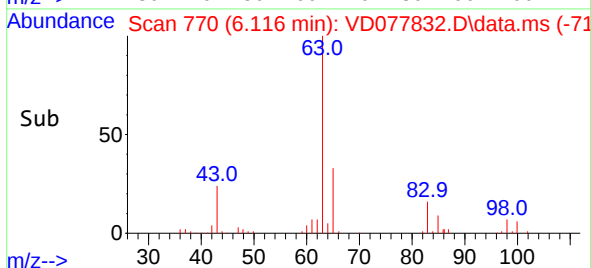
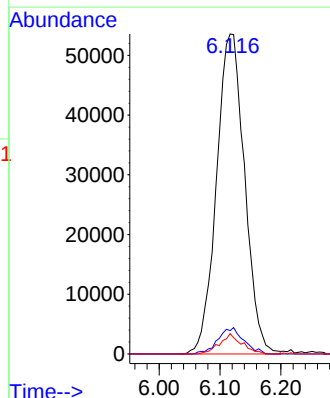
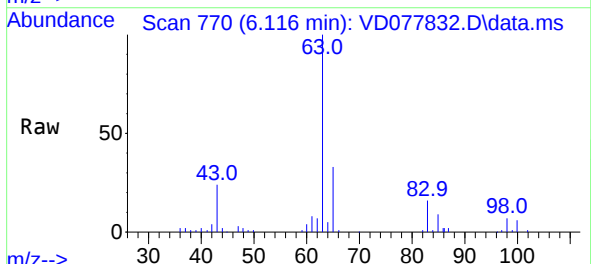
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

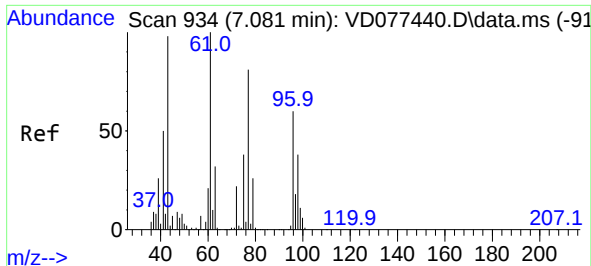
Tgt Ion: 43 Resp: 637969
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.762 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

Tgt Ion: 63 Resp: 172027
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 6.4 2.5 7.5

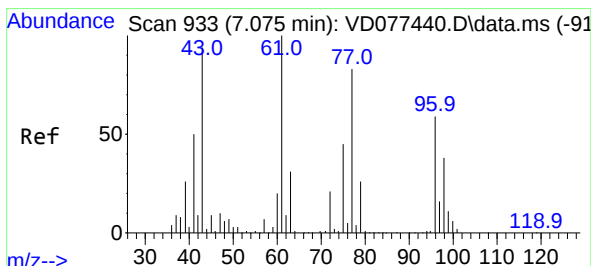
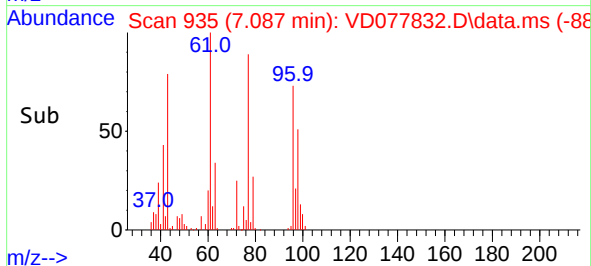
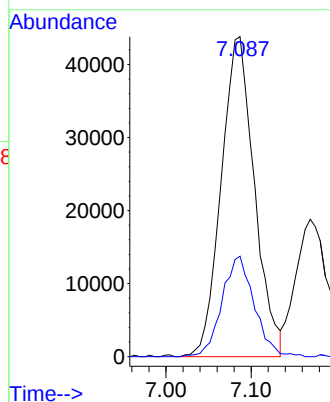
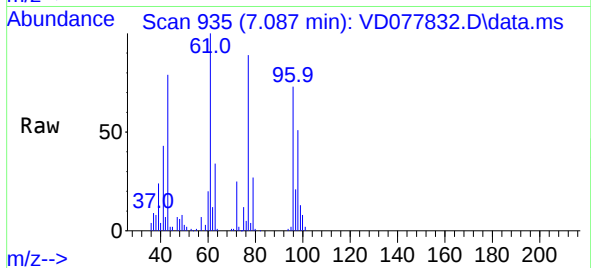




#25
2-Butanone
Concen: 226.238 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

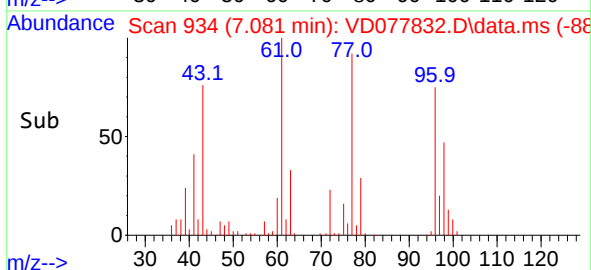
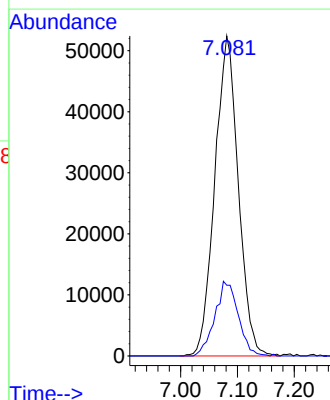
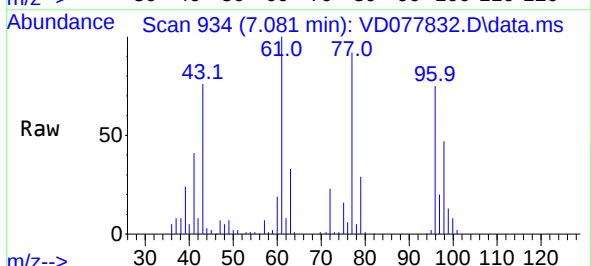
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

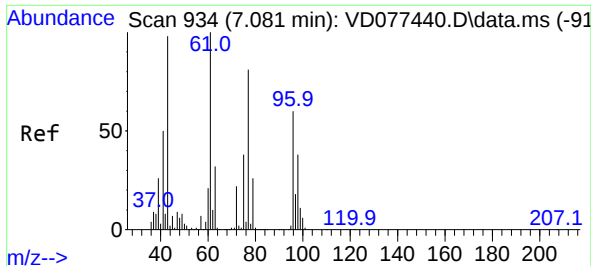
Tgt Ion: 43 Resp: 118490
Ion Ratio Lower Upper
43 100
72 31.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 47.690 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 77 Resp: 150520
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6

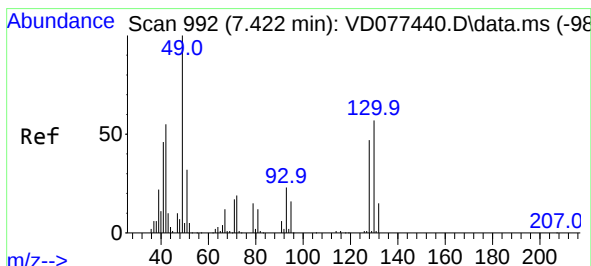
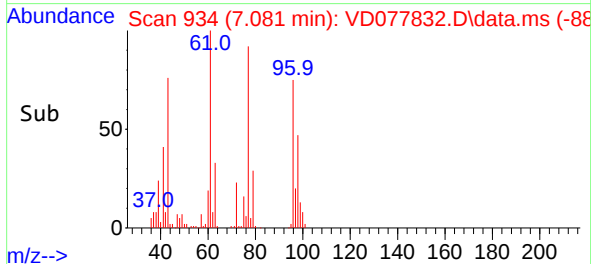
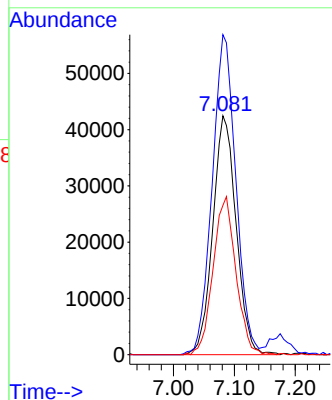
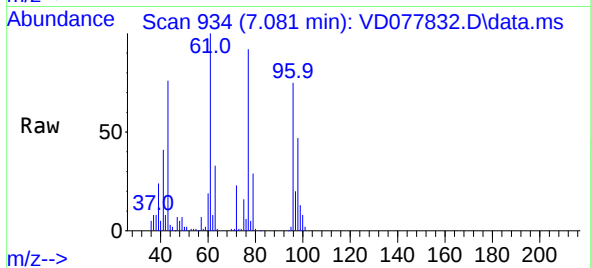




#27
cis-1,2-Dichloroethene
Concen: 48.068 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

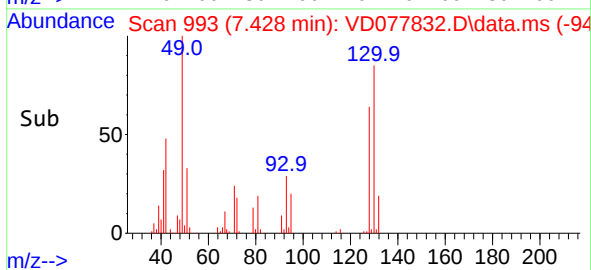
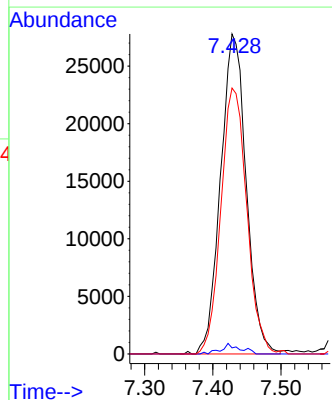
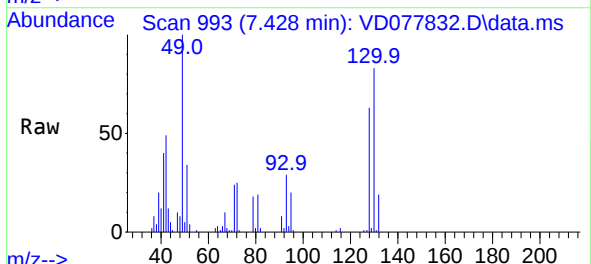
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

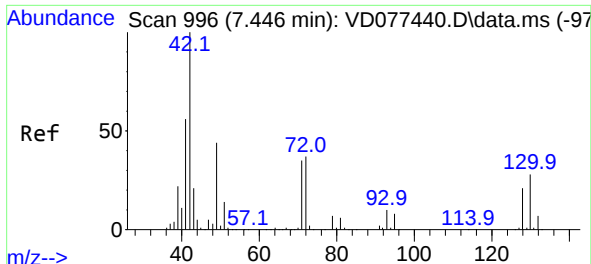
Tgt Ion: 96 Resp: 113150
Ion Ratio Lower Upper
96 100
61 135.3 0.0 239.2
98 64.7 0.0 128.6



#28
Bromochloromethane
Concen: 47.825 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 49 Resp: 72646
Ion Ratio Lower Upper
49 100
129 2.4 0.0 6.0
130 83.9 83.2 124.8

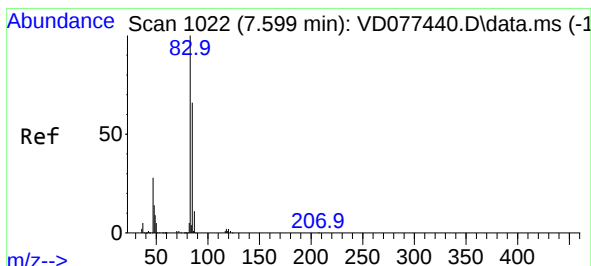
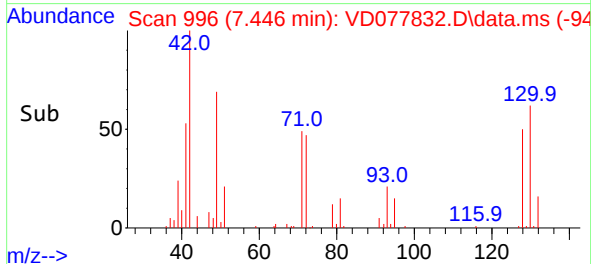
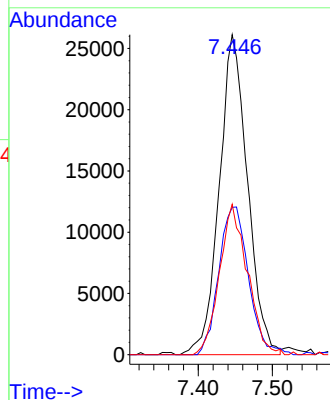
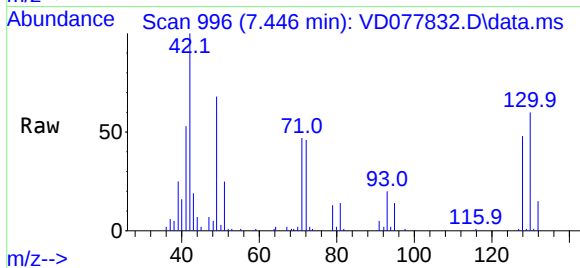




#29
Tetrahydrofuran
Concen: 229.286 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

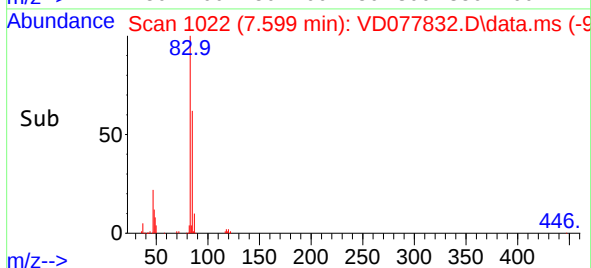
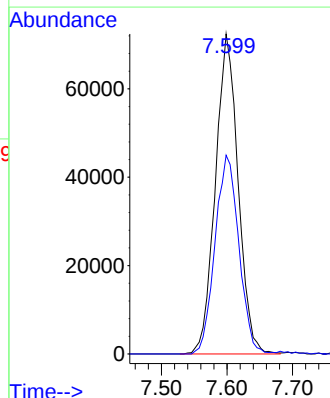
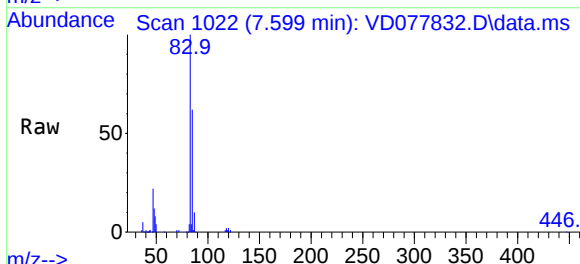
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

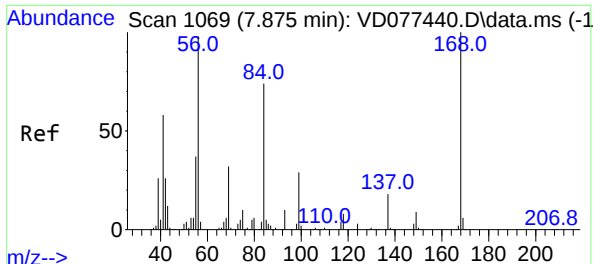
Tgt Ion: 42 Resp: 69130
Ion Ratio Lower Upper
42 100
72 48.7 46.5 69.7
71 46.6 44.5 66.7



#30
Chloroform
Concen: 46.217 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 83 Resp: 173883
Ion Ratio Lower Upper
83 100
85 62.1 53.4 80.2





#31

Cyclohexane

Concen: 45.105 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

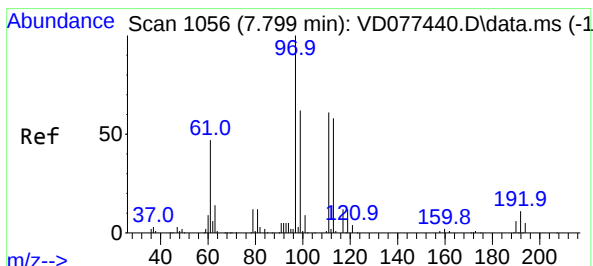
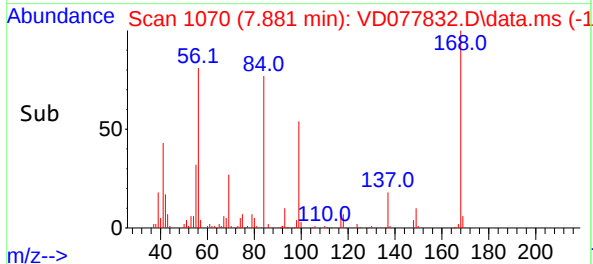
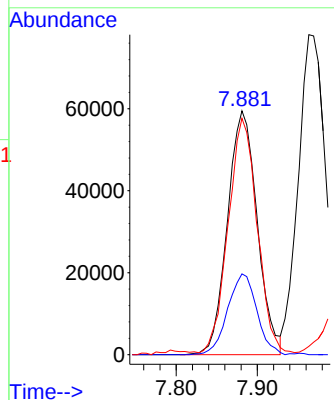
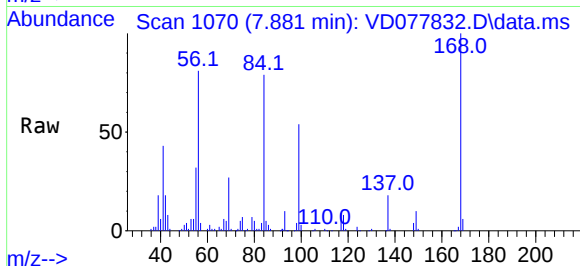
Tgt Ion: 56 Resp: 151900

Ion Ratio Lower Upper

56 100

69 33.1 28.6 43.0

84 95.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 46.600 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

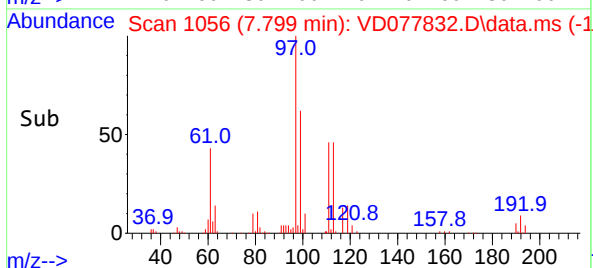
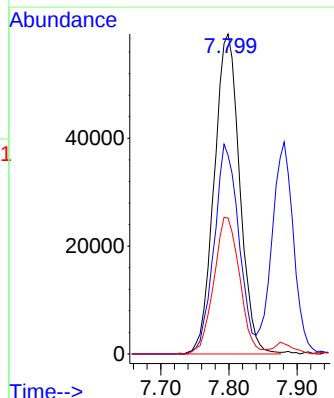
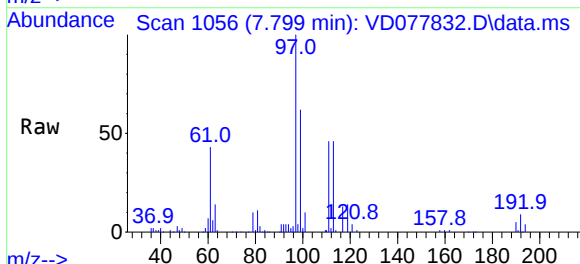
Tgt Ion: 97 Resp: 154558

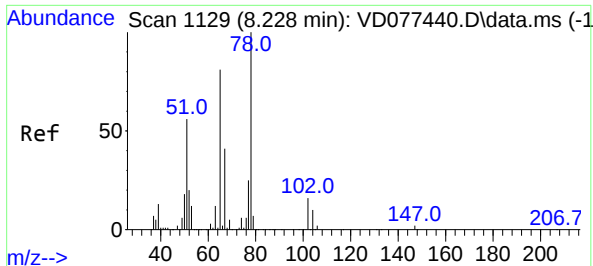
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 43.2 33.8 50.8

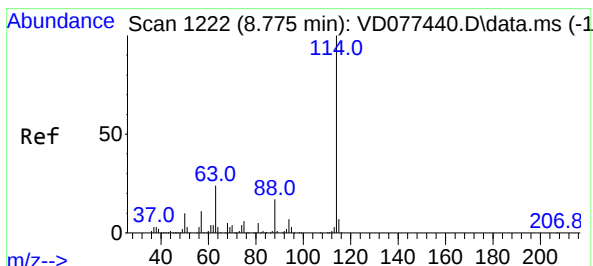
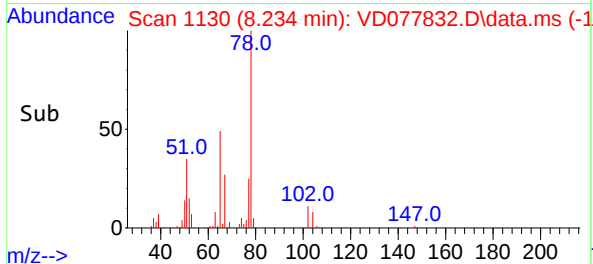
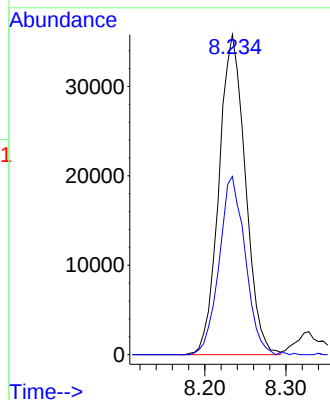
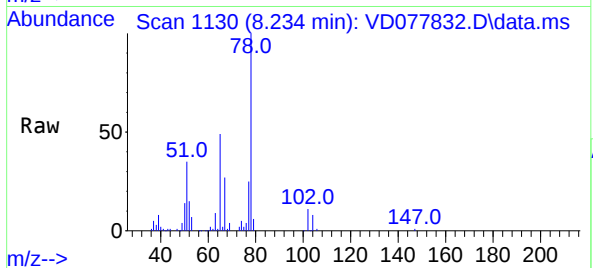




#33
1,2-Dichloroethane-d4
Concen: 42.749 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

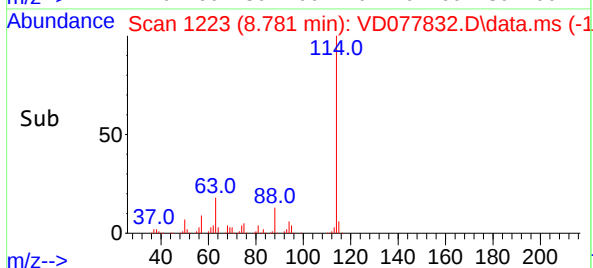
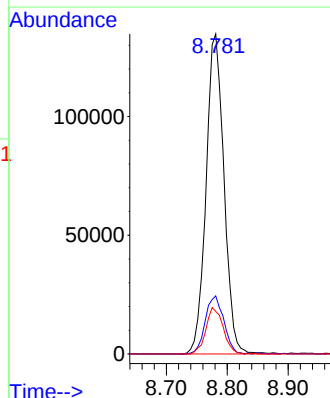
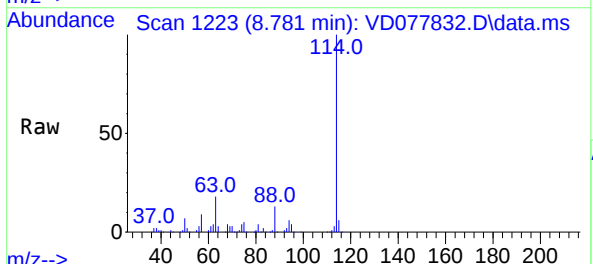
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

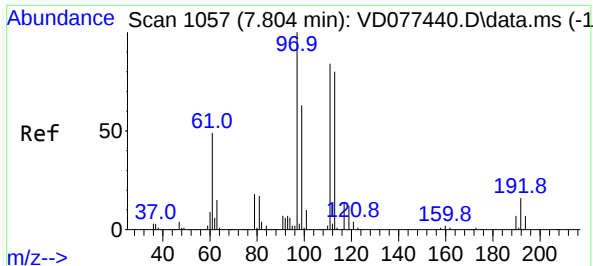
Tgt Ion: 65 Resp: 80939
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 114 Resp: 275501
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 13.3 0.0 26.2

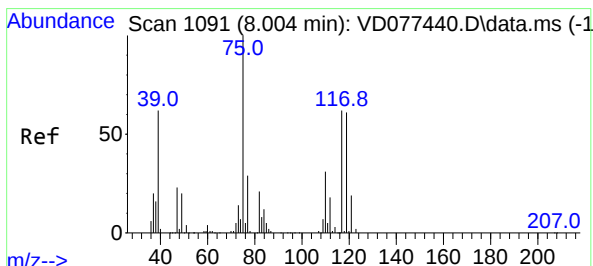
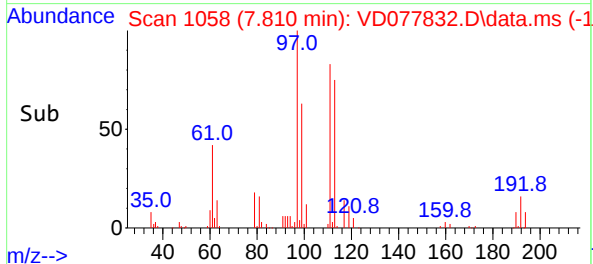
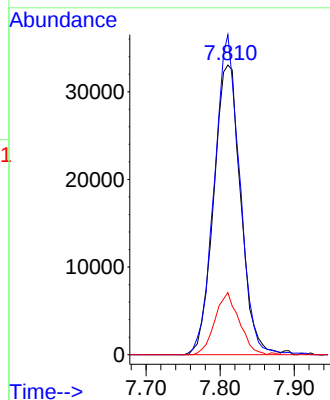
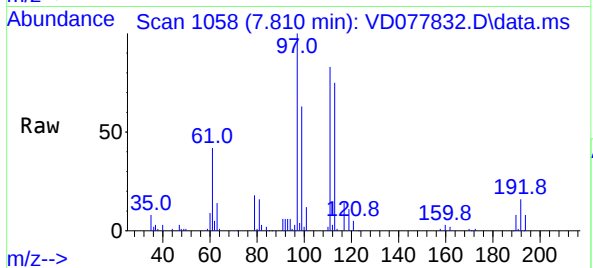




#35
Dibromofluoromethane
Concen: 43.298 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

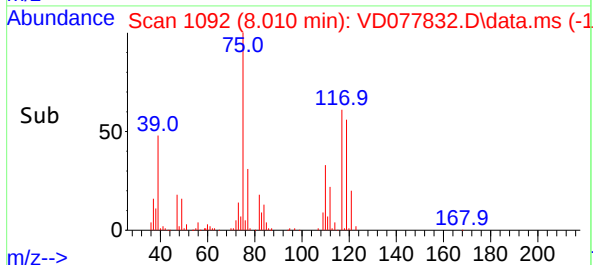
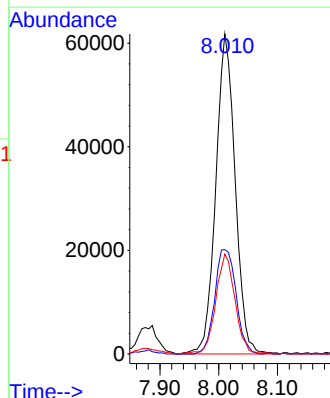
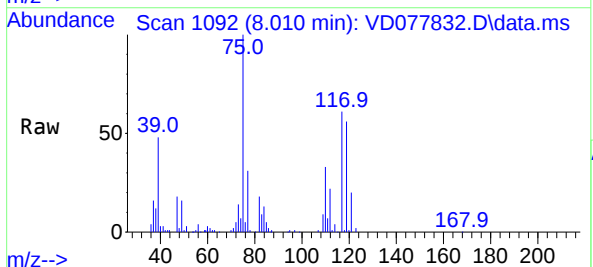
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

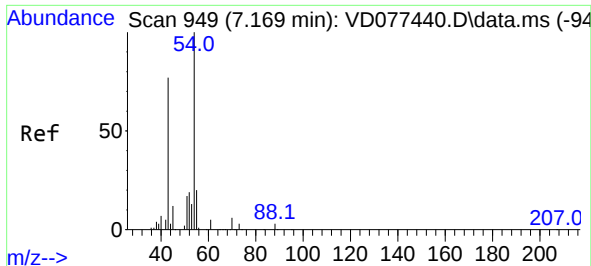
Tgt Ion:113 Resp: 83555
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 45.795 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 75 Resp: 141359
Ion Ratio Lower Upper
75 100
110 35.9 19.9 59.6
77 31.1 24.7 37.1

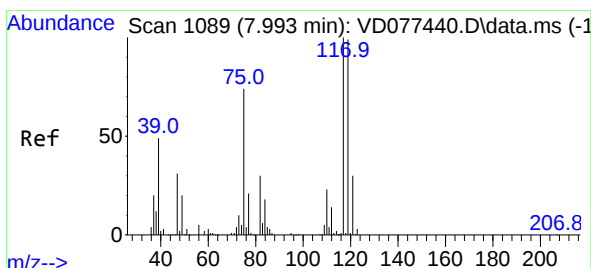
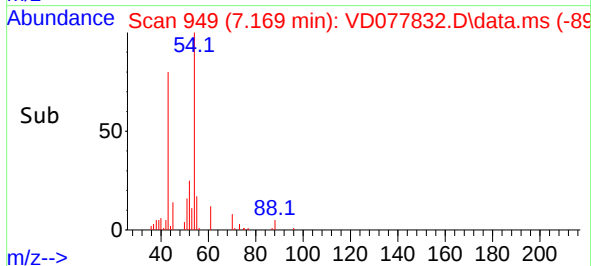
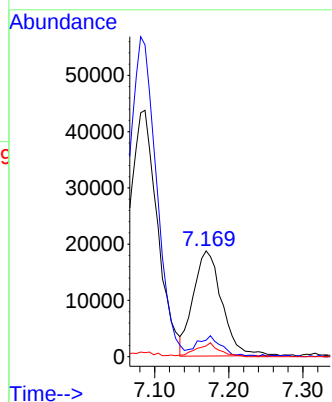
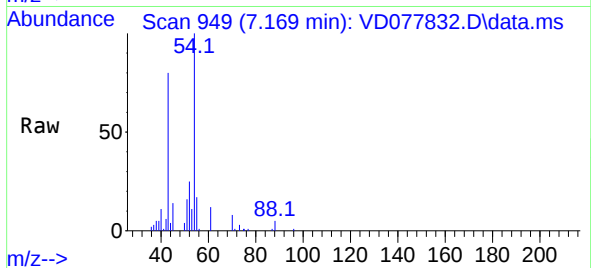




#37
Ethyl Acetate
Concen: 41.718 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

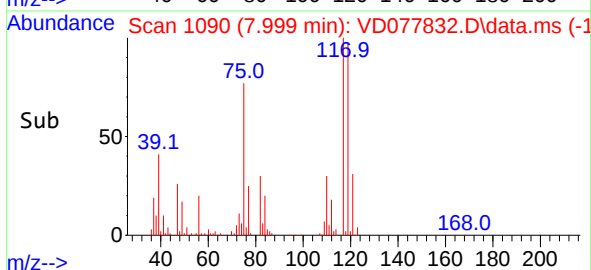
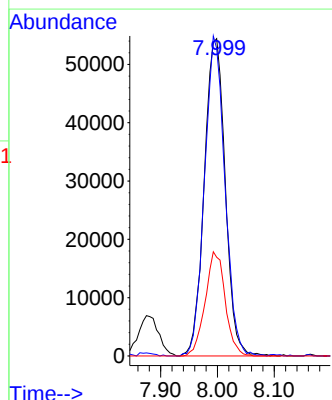
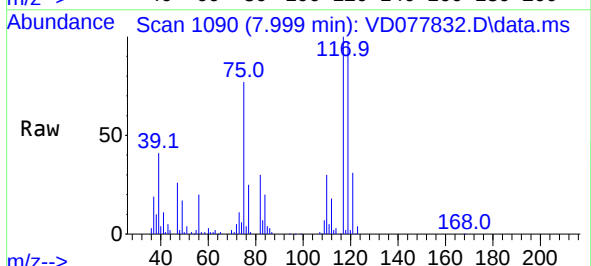
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

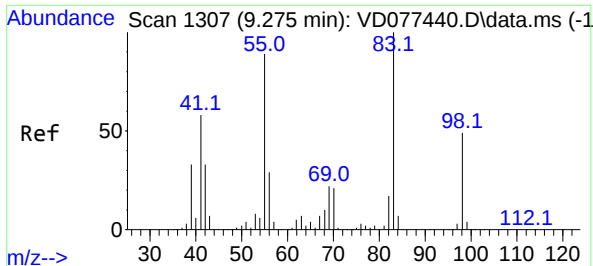
Tgt Ion: 43 Resp: 50212
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
70 10.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 45.236 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 117 Resp: 139207
Ion Ratio Lower Upper
117 100
119 96.9 78.0 117.0
121 31.1 24.2 36.2

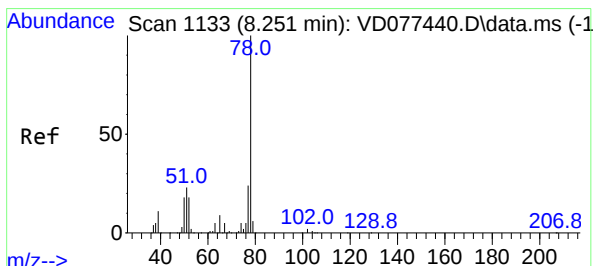
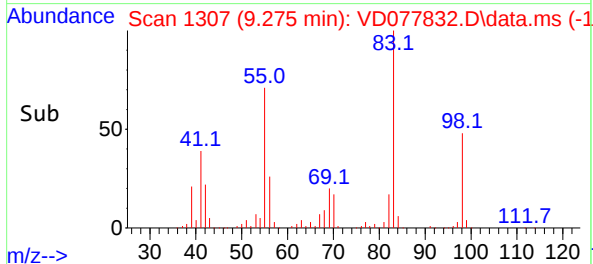
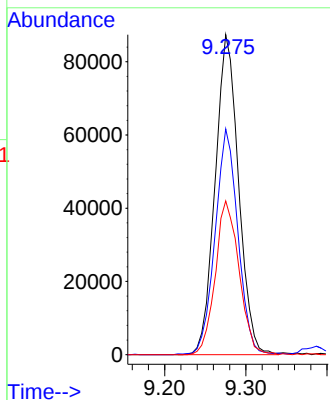
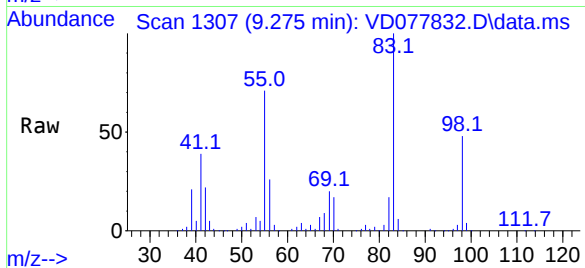




#39
Methylcyclohexane
Concen: 47.886 ug/l
RT: 9.275 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

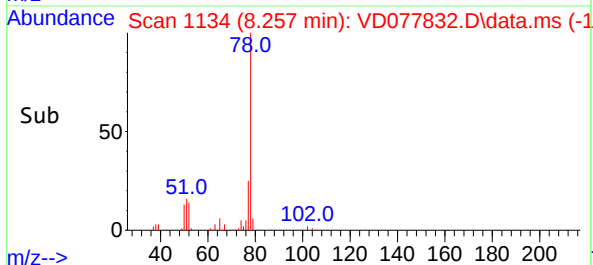
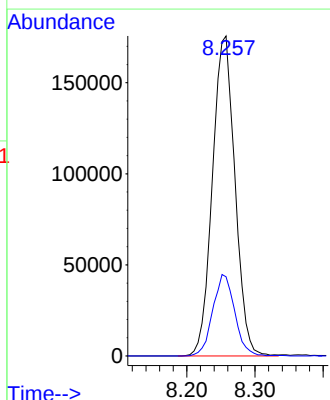
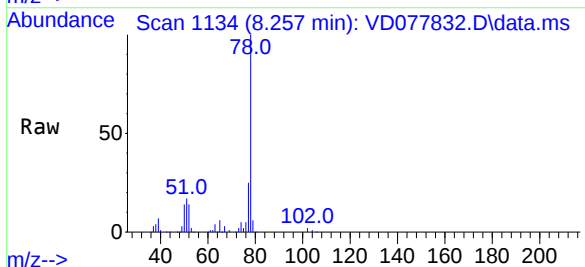
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

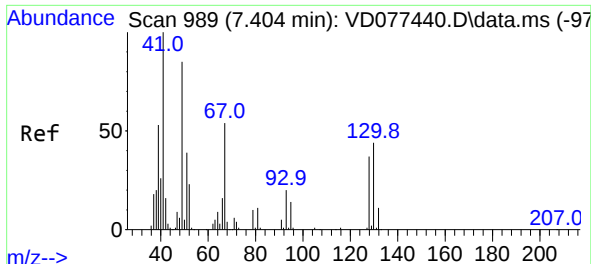
Tgt Ion: 83 Resp: 175233
Ion Ratio Lower Upper
83 100
55 70.3 49.4 74.0
98 48.0 38.4 57.6



#40
Benzene
Concen: 46.207 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 78 Resp: 404817
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

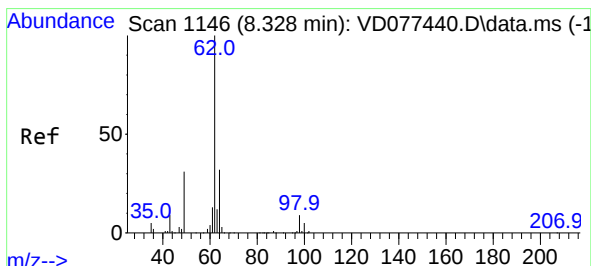
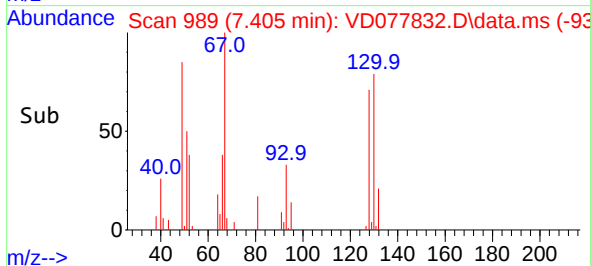
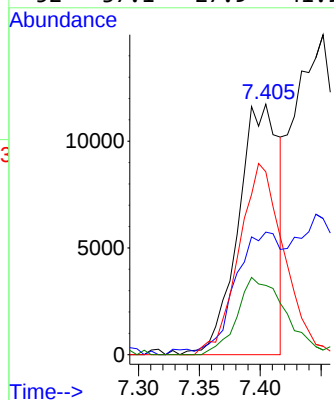
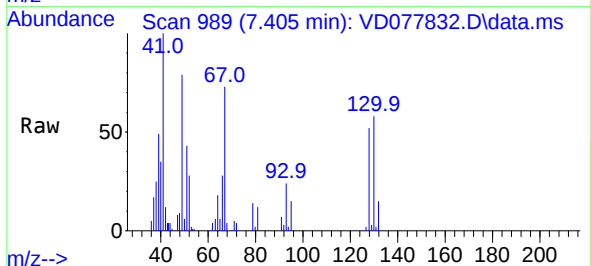




#41
Methacrylonitrile
Concen: 44.512 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

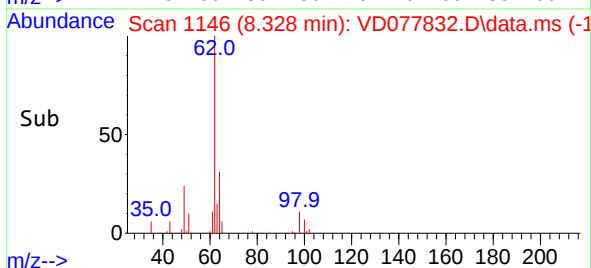
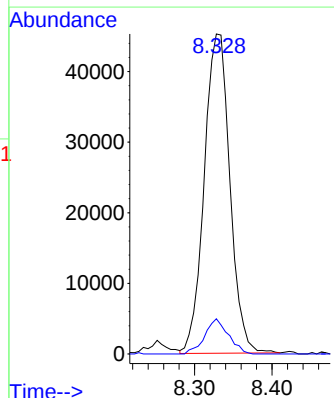
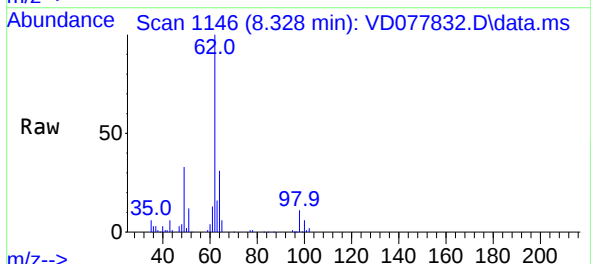
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

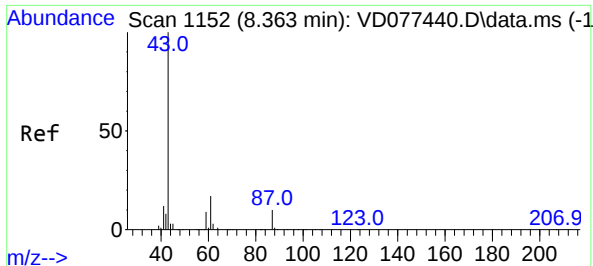
Tgt Ion: 41 Resp: 27230
Ion Ratio Lower Upper
41 100
39 50.7 34.0 51.0
67 84.7 77.0 115.4
52 37.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 45.899 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 62 Resp: 104236
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

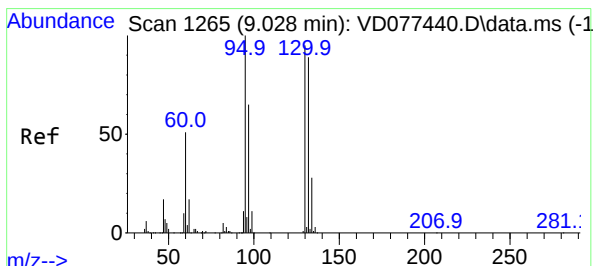
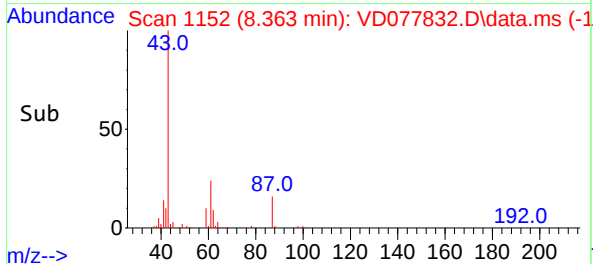
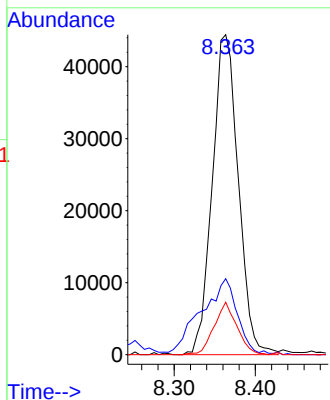
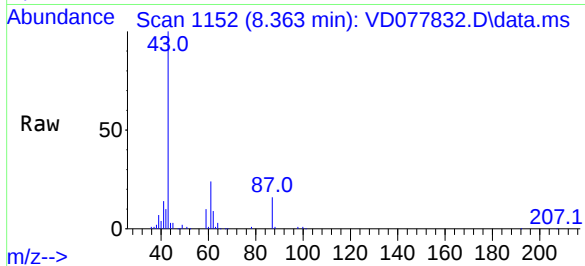




#43
Isopropyl Acetate
Concen: 46.315 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

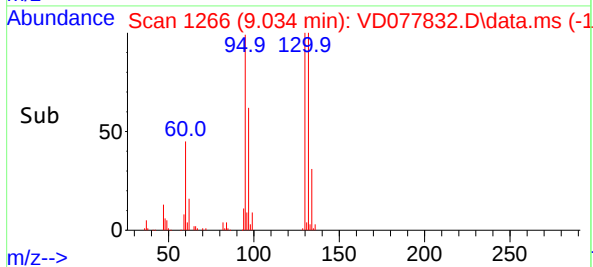
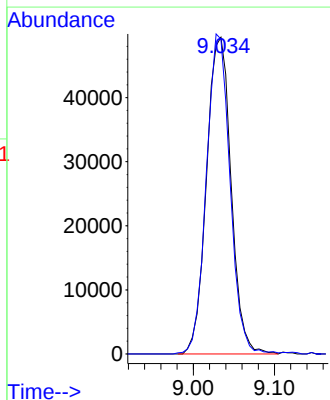
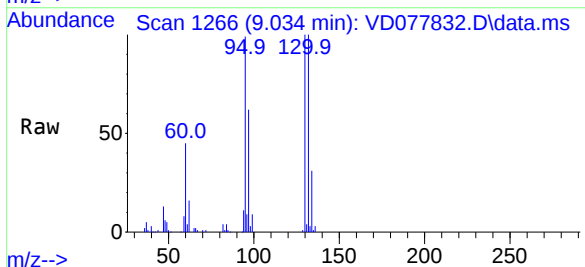
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

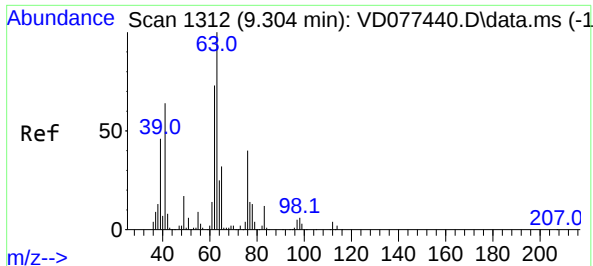
Tgt Ion: 43 Resp: 99095
Ion Ratio Lower Upper
43 100
61 33.4 31.4 47.0
87 14.4 14.9 22.3#



#44
Trichloroethene
Concen: 45.396 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:130 Resp: 103644
Ion Ratio Lower Upper
130 100
95 99.1 0.0 179.2

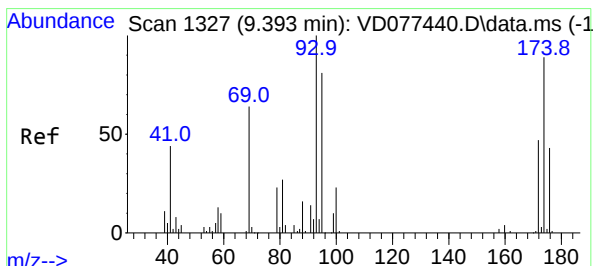
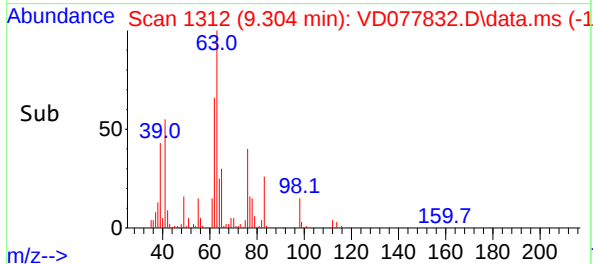
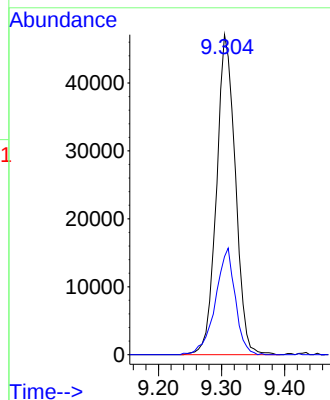
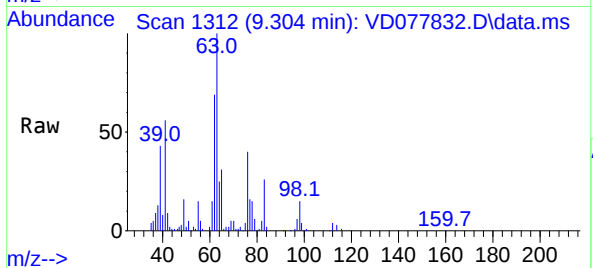




#45
1,2-Dichloropropane
Concen: 45.913 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

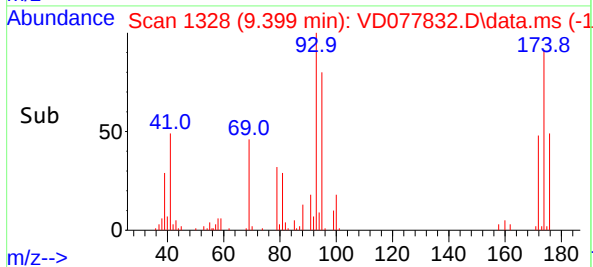
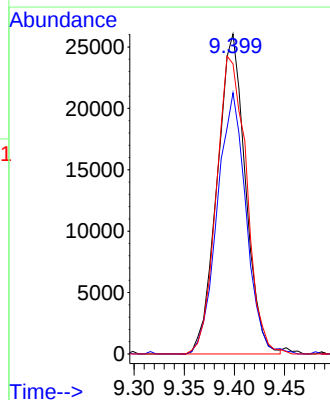
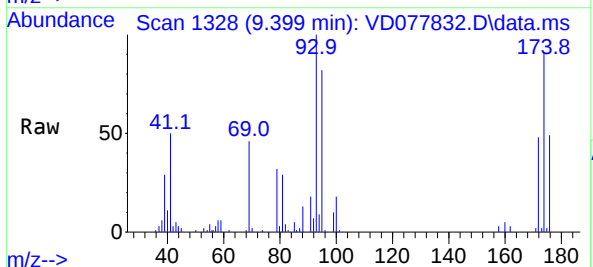
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

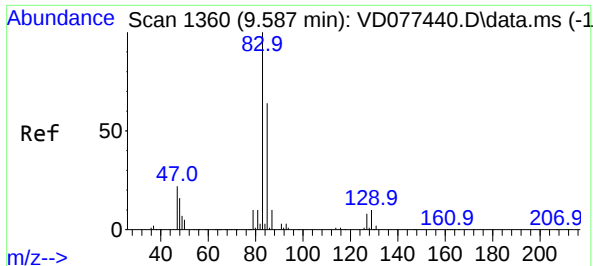
Tgt Ion: 63 Resp: 97784
Ion Ratio Lower Upper
63 100
65 30.7 24.5 36.7



#46
Dibromomethane
Concen: 45.198 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 93 Resp: 50933
Ion Ratio Lower Upper
93 100
95 83.6 67.7 101.5
174 99.3 85.4 128.2





#47

Bromodichloromethane

Concen: 45.275 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

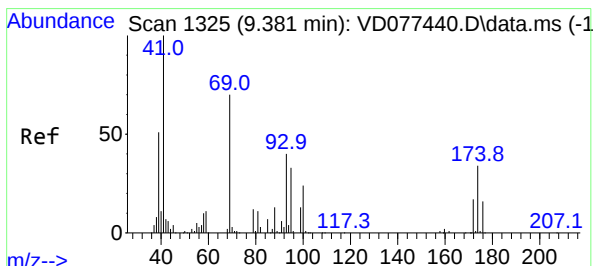
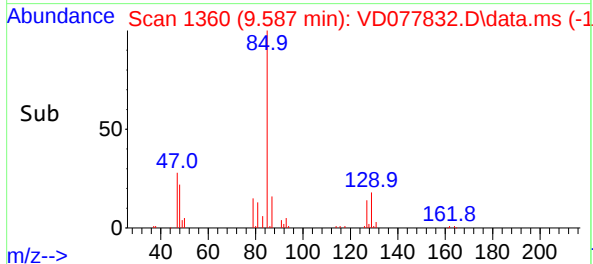
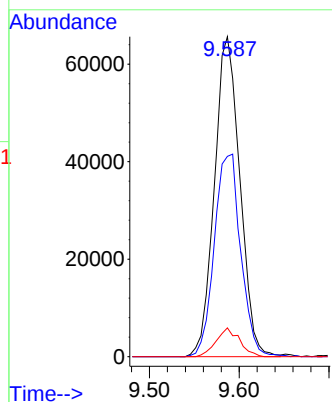
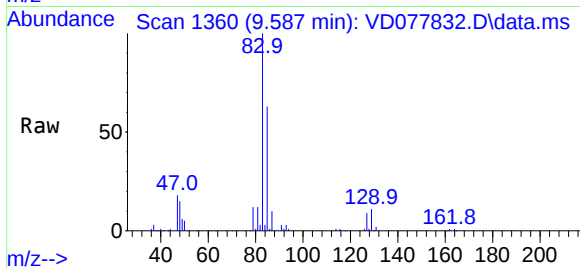
Tgt Ion: 83 Resp: 129318

Ion Ratio Lower Upper

83 100

85 62.6 50.2 75.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 45.281 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

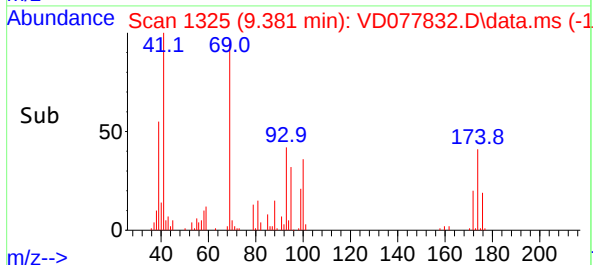
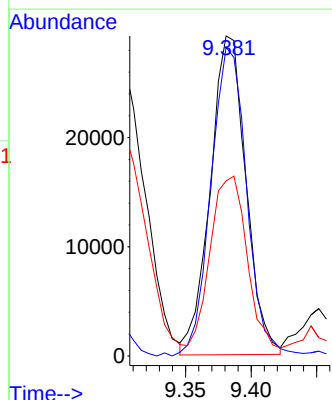
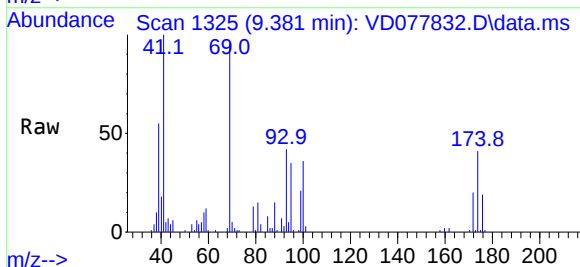
Tgt Ion: 41 Resp: 55072

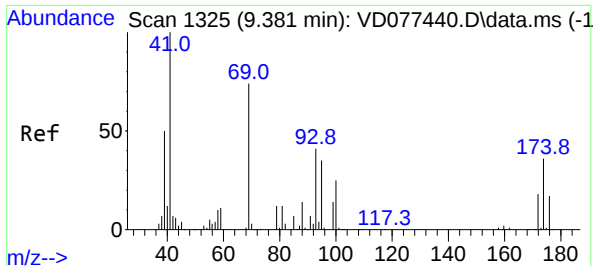
Ion Ratio Lower Upper

41 100

69 97.4 102.2 153.2#

39 54.9 41.4 62.2

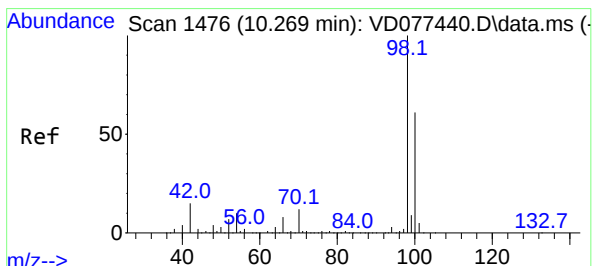
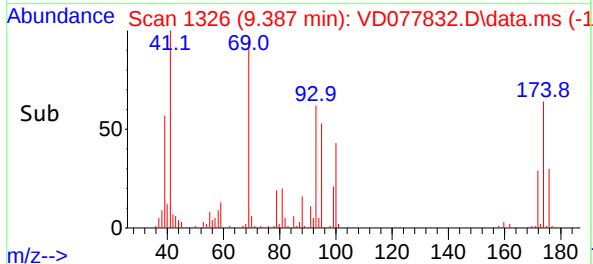
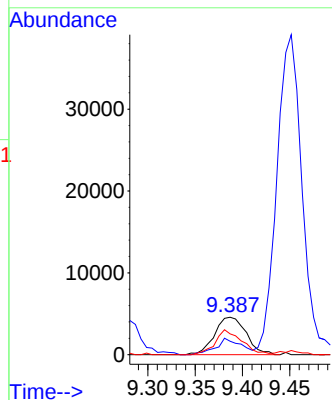
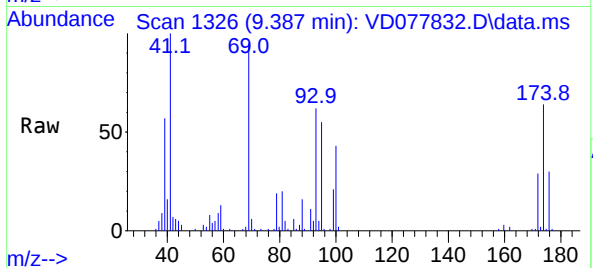




#49
1,4-Dioxane
Concen: 948.463 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

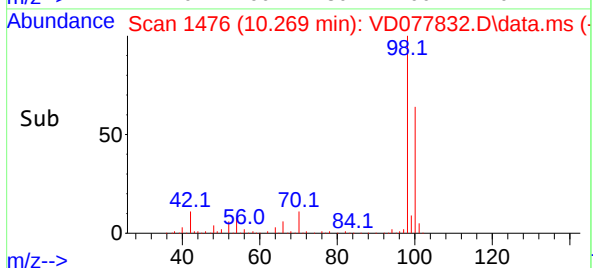
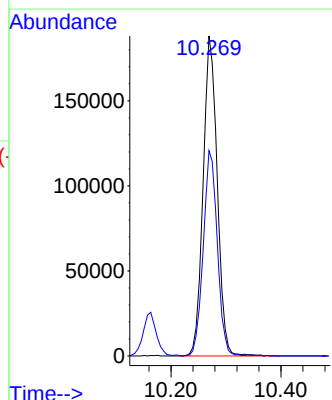
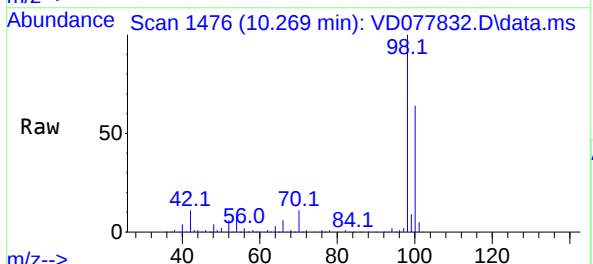
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

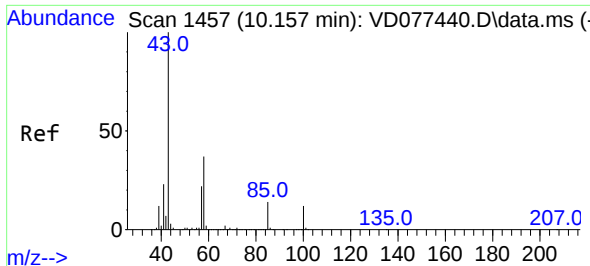
Tgt Ion: 88 Resp: 10613
Ion Ratio Lower Upper
88 100
43 34.7 19.0 28.6#
58 56.1 43.5 65.3



#50
Toluene-d8
Concen: 43.394 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 98 Resp: 335394
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5

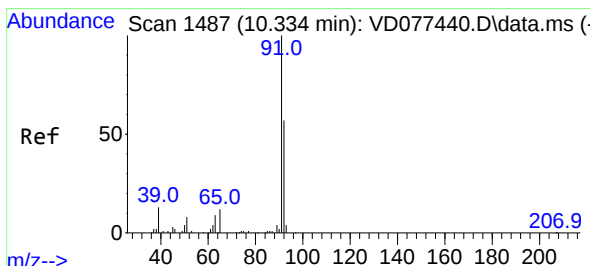
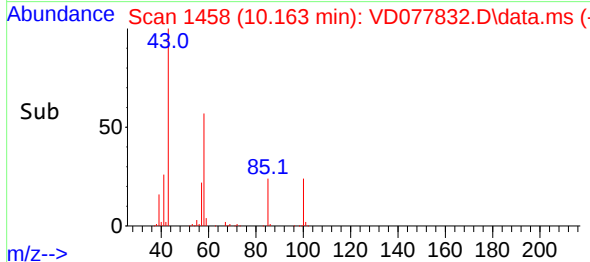
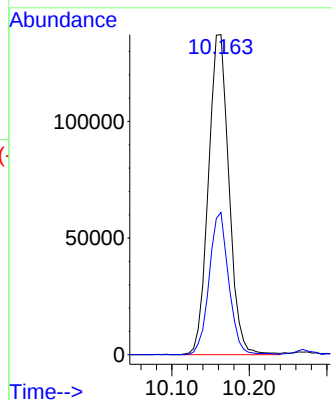
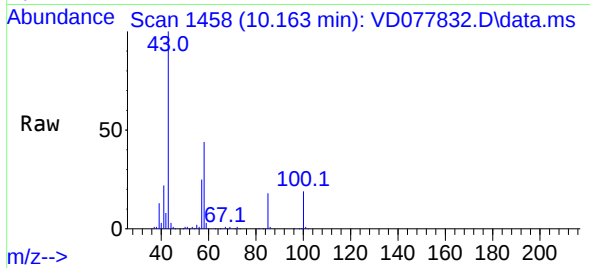




#51
4-Methyl-2-Pentanone
Concen: 231.736 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

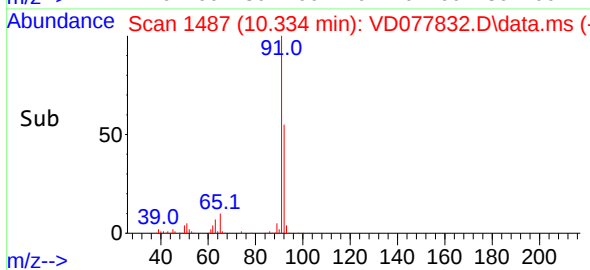
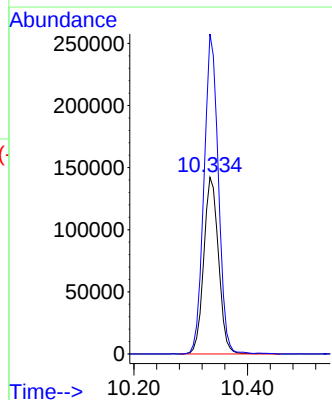
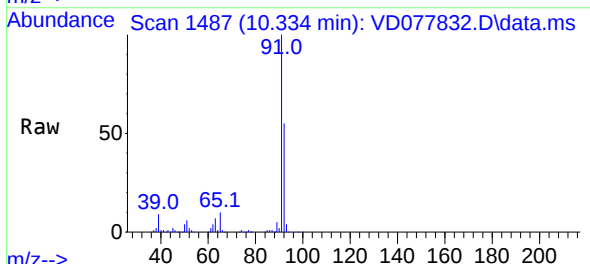
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

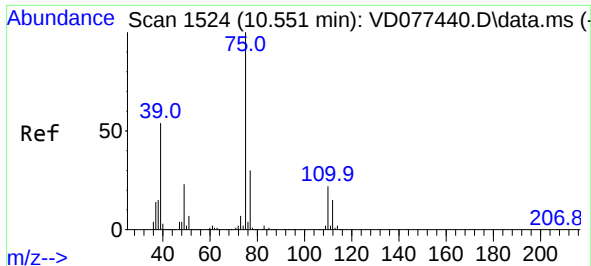
Tgt Ion: 43 Resp: 253045
Ion Ratio Lower Upper
43 100
58 42.3 38.9 58.3



#52
Toluene
Concen: 47.098 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 92 Resp: 255952
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4

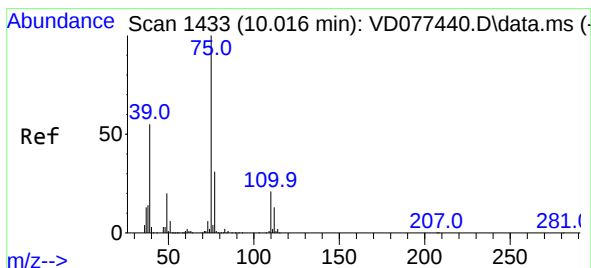
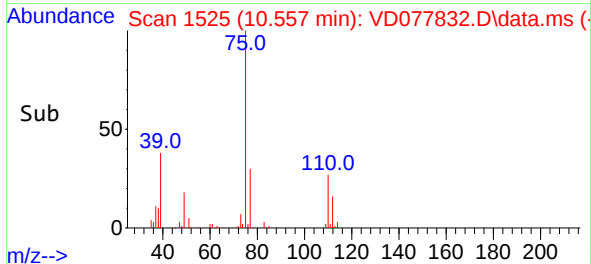
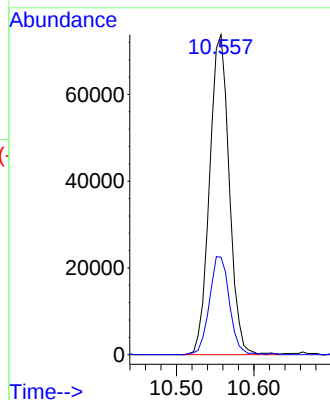
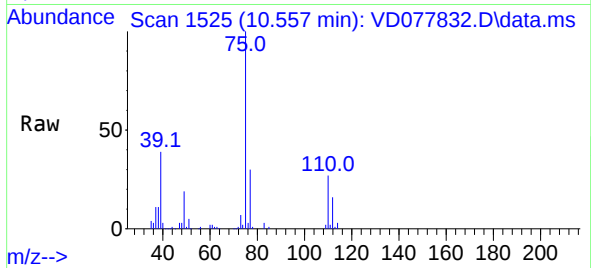




#53
t-1,3-Dichloropropene
Concen: 47.395 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

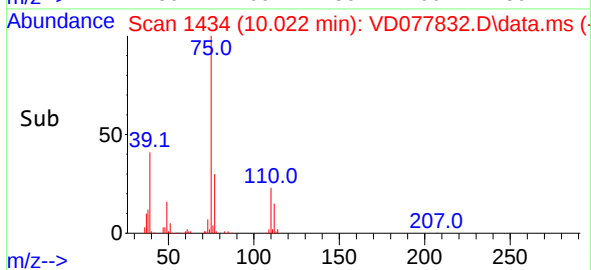
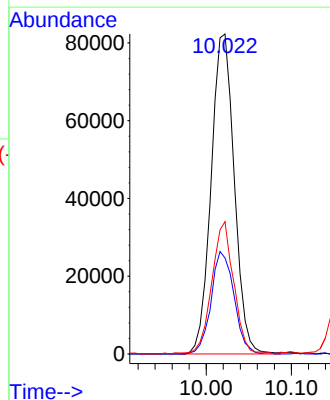
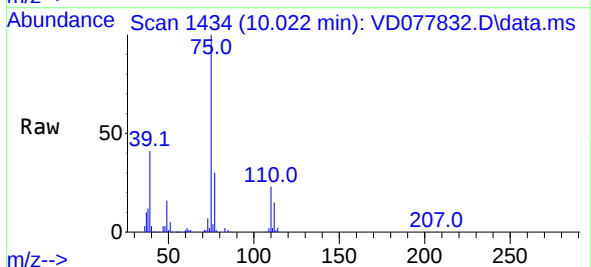
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

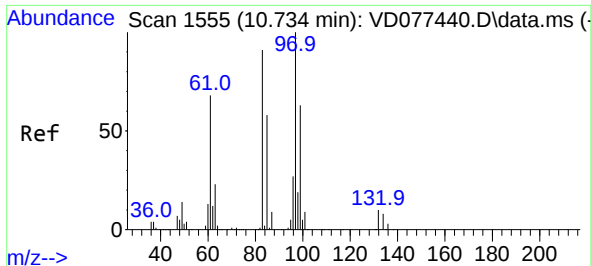
Tgt Ion: 75 Resp: 129999
Ion Ratio Lower Upper
75 100
77 30.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.825 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 75 Resp: 155283
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
39 41.1 22.1 33.1#



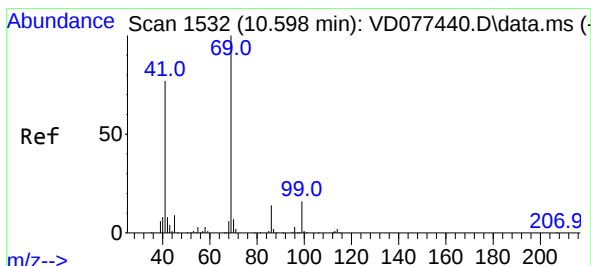
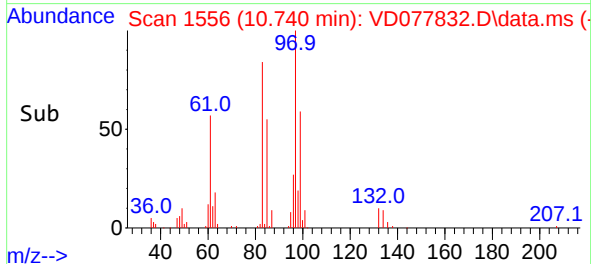
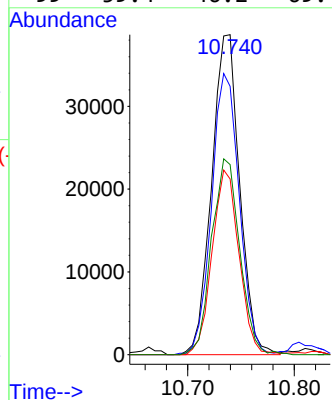
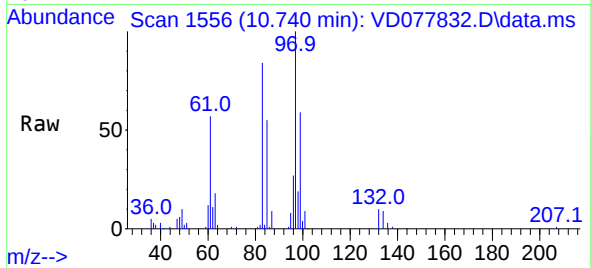


#55
1,1,2-Trichloroethane
Concen: 45.849 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 70673

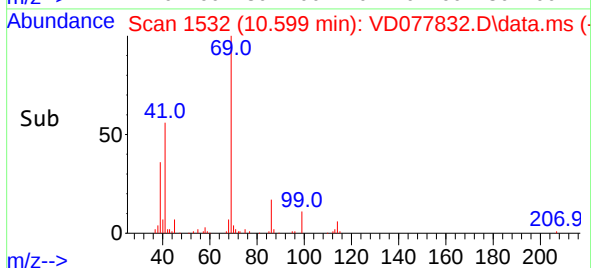
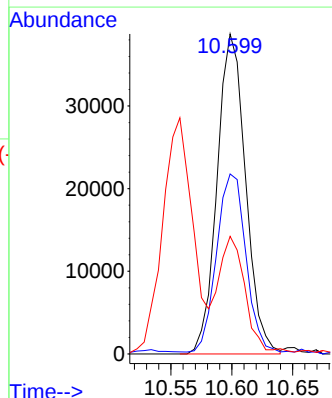
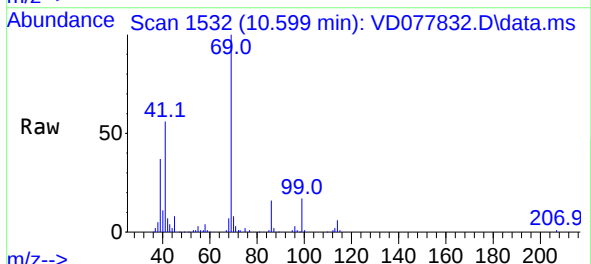
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.6
85	54.9	45.7	68.5
99	59.4	46.2	69.4

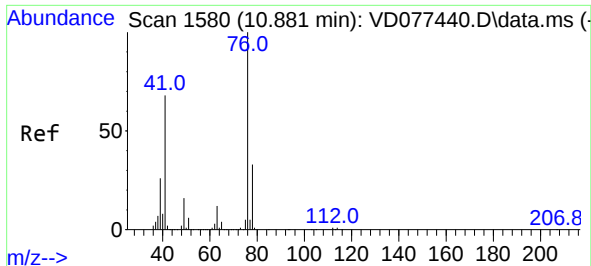


#56
Ethyl methacrylate
Concen: 46.469 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 69 Resp: 63142

Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.1	58.7
39	33.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 47.078 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

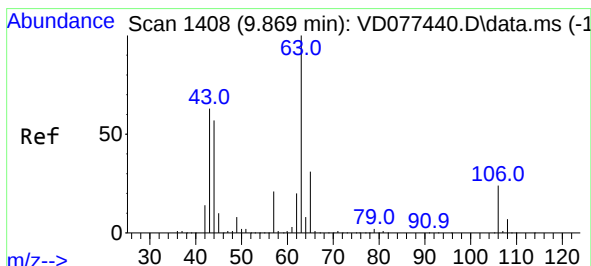
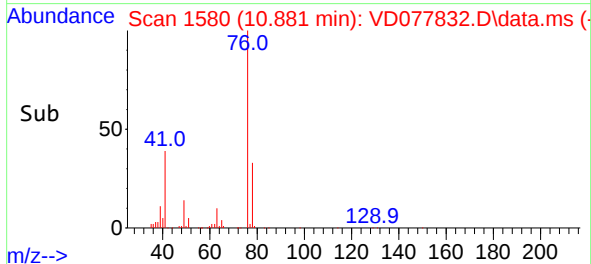
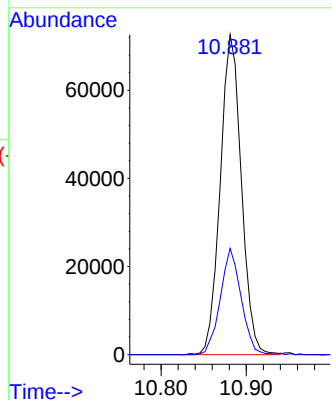
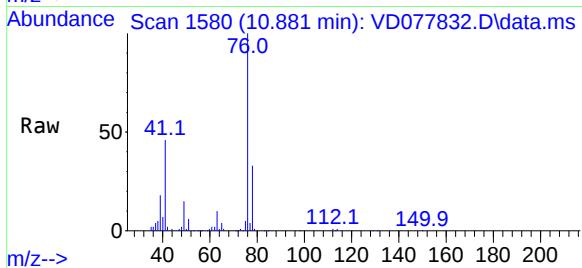
VSTDCCC050

Tgt Ion: 76 Resp: 125084

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.837 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077832.D

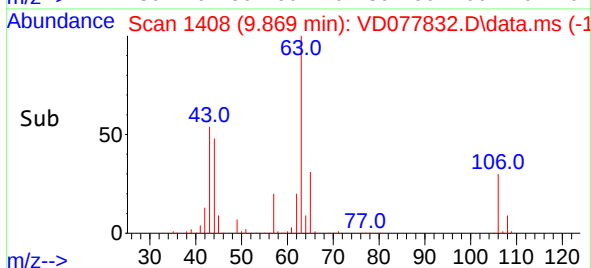
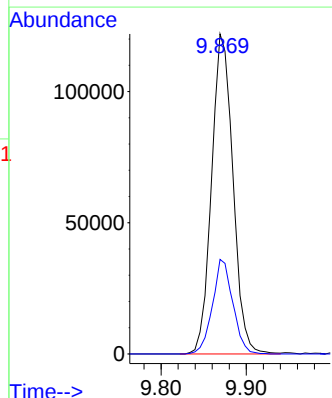
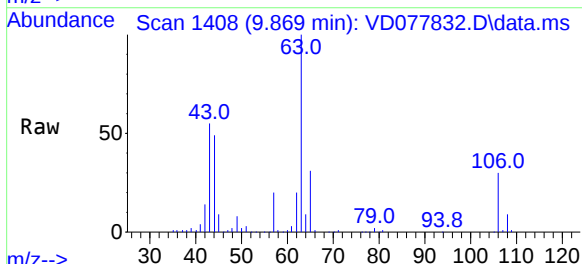
Acq: 12 Dec 2023 09:40

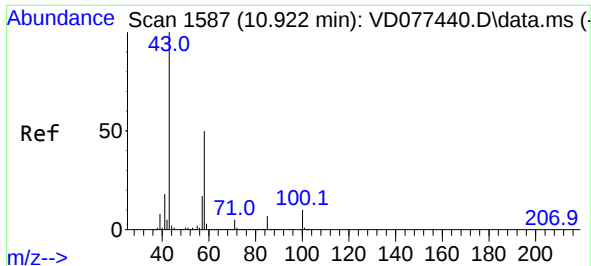
Tgt Ion: 63 Resp: 212194

Ion Ratio Lower Upper

63 100

106 28.2 25.3 37.9

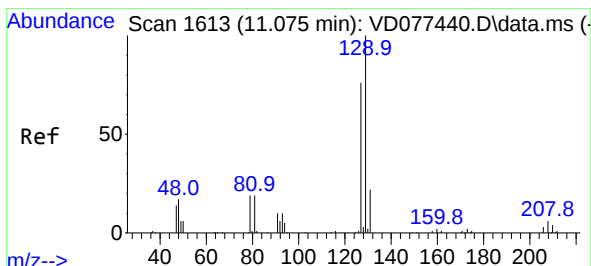
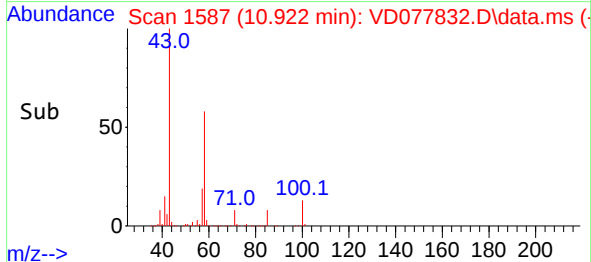
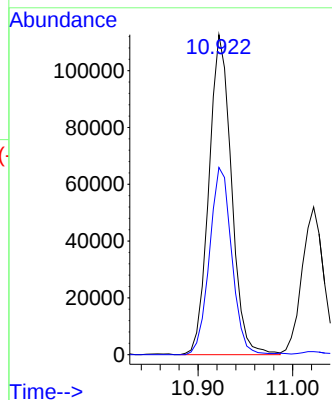
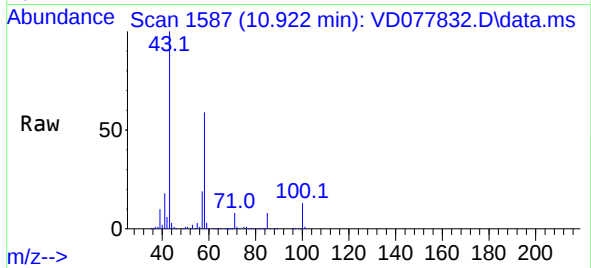




#59
2-Hexanone
Concen: 206.048 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

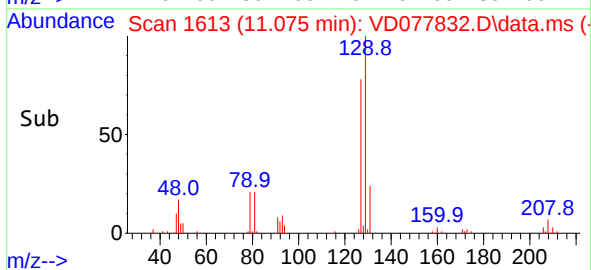
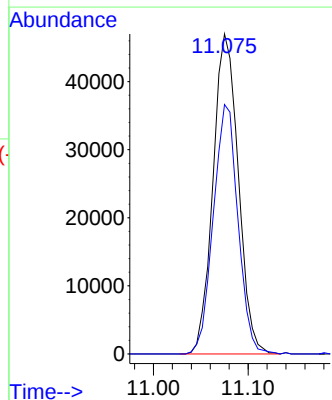
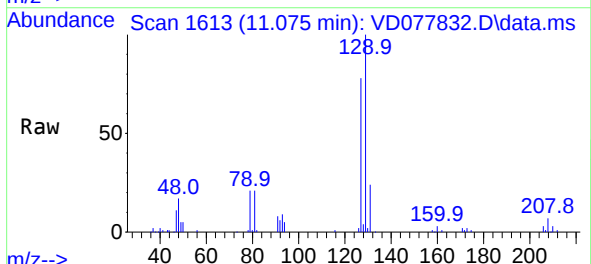
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

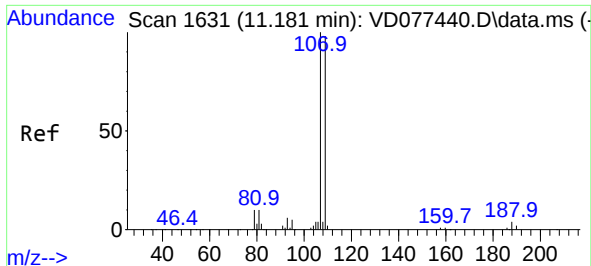
Tgt Ion: 43 Resp: 186666
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2



#60
Dibromochloromethane
Concen: 46.963 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:129 Resp: 87156
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5

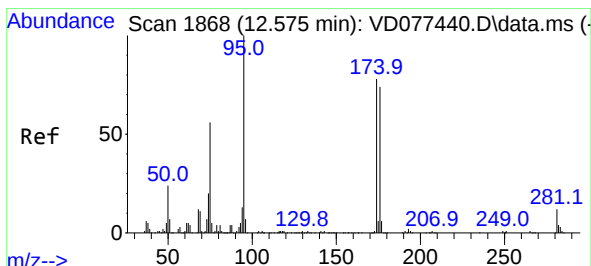
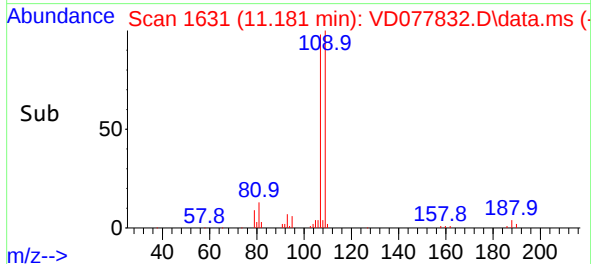
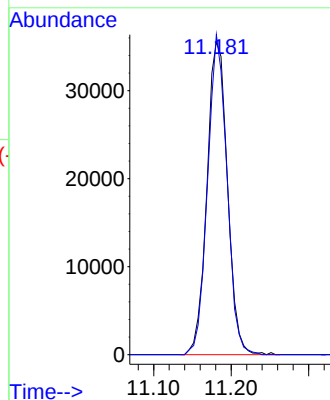
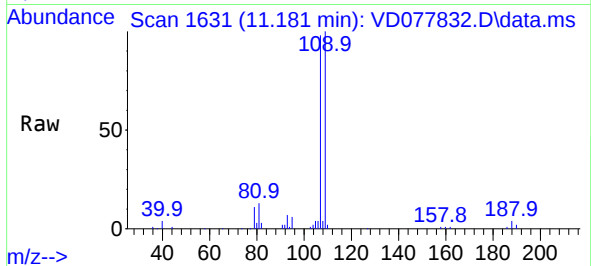




#61
1,2-Dibromoethane
Concen: 45.078 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

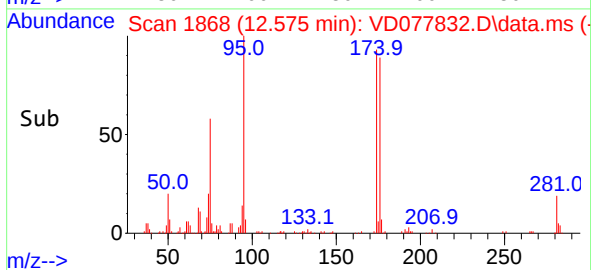
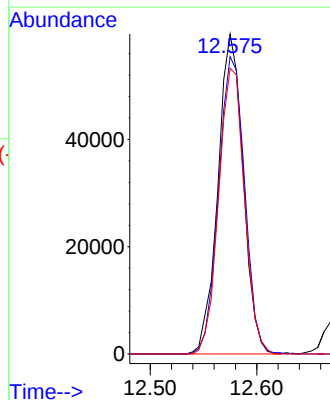
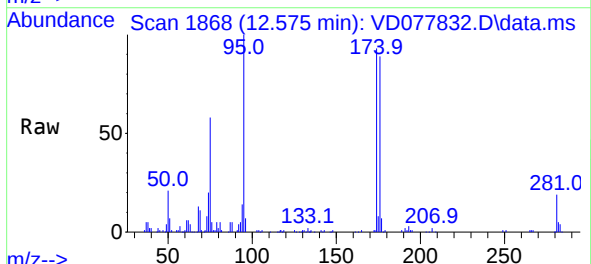
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

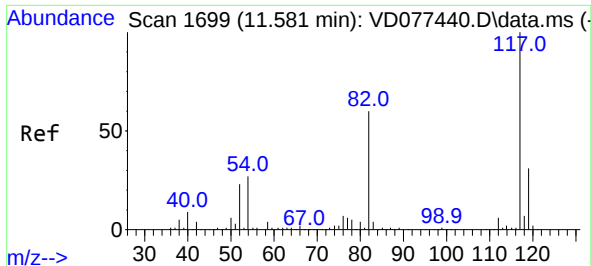
Tgt Ion:107 Resp: 65408
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.364 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 95 Resp: 97894
Ion Ratio Lower Upper
95 100
174 96.2 0.0 201.8
176 90.9 0.0 191.8

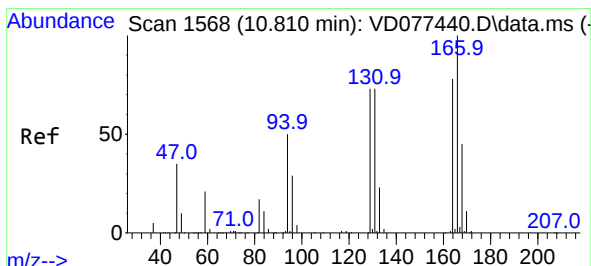
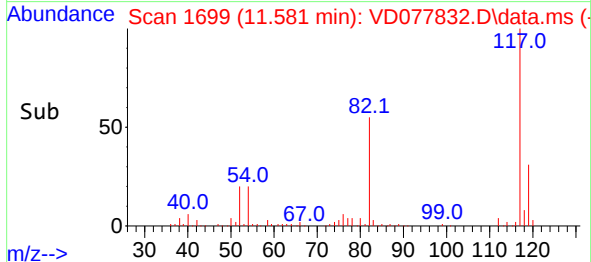
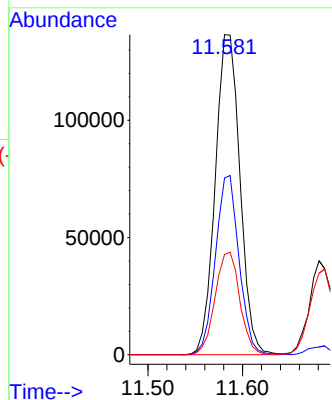
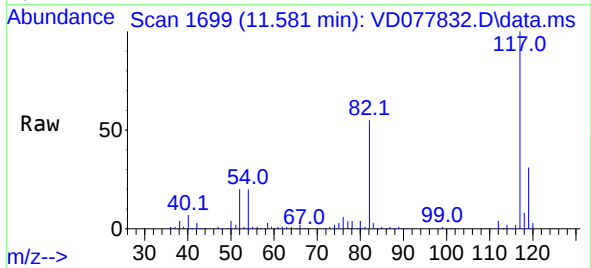




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

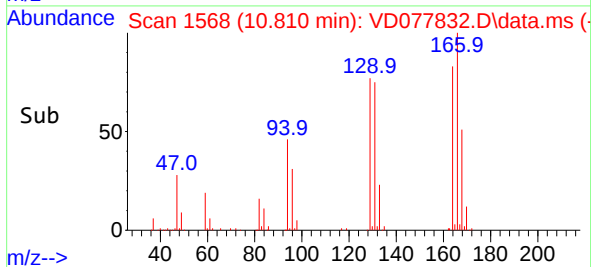
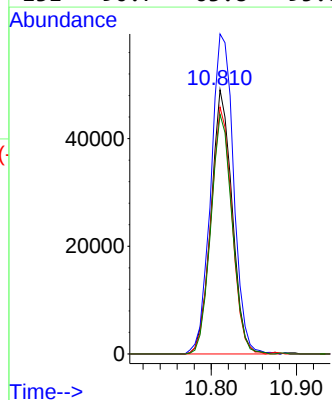
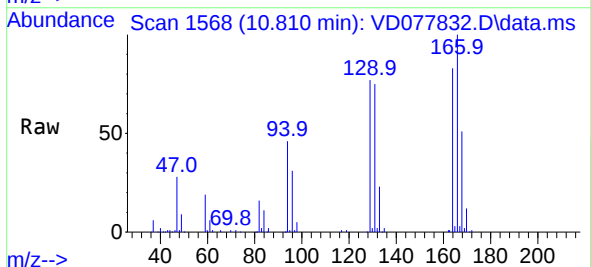
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

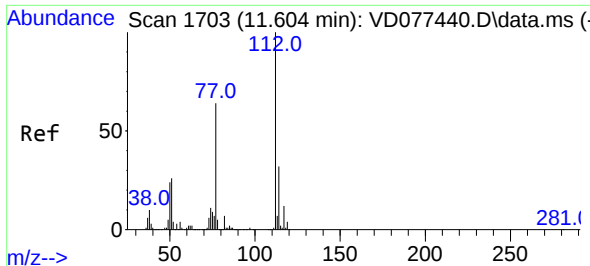
Tgt Ion:117 Resp: 247722
Ion Ratio Lower Upper
117 100
82 55.2 38.3 57.5
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 46.252 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:164 Resp: 84212
Ion Ratio Lower Upper
164 100
166 121.1 99.2 148.8
129 93.5 68.4 102.6
131 90.7 63.8 95.8

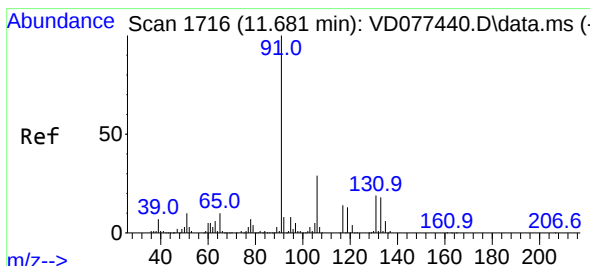
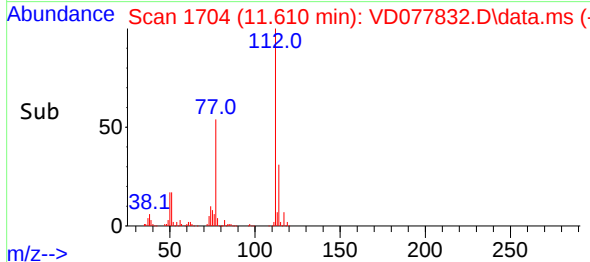
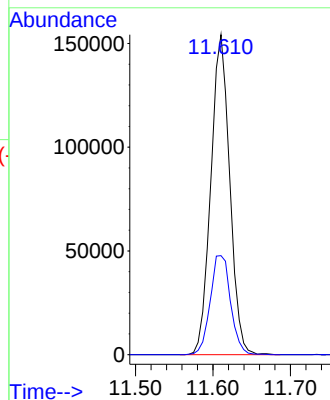
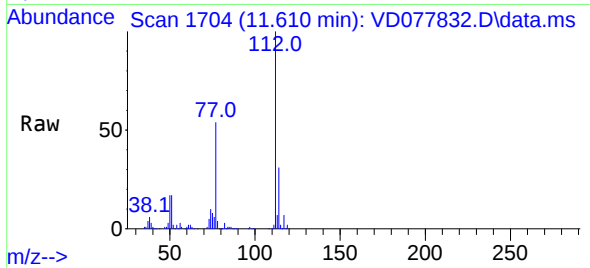




#65
Chlorobenzene
Concen: 44.471 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

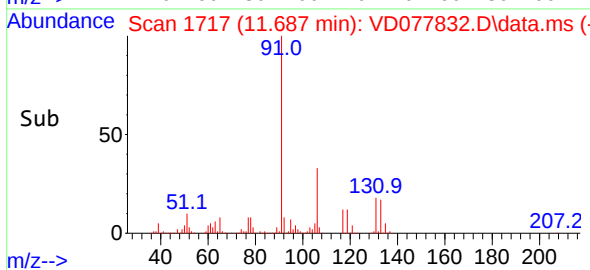
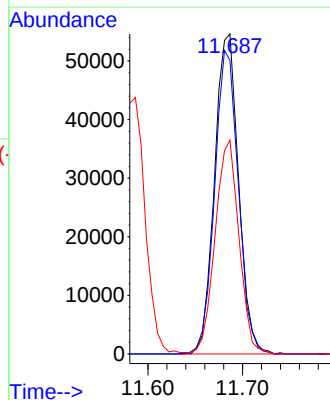
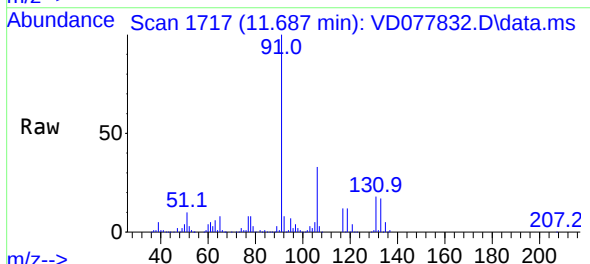
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

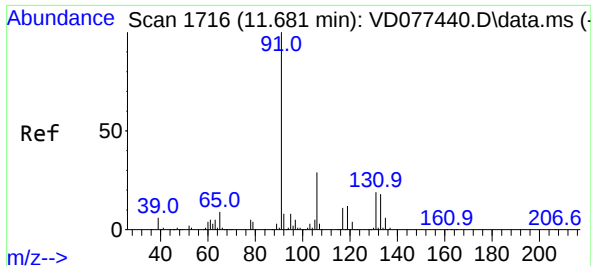
Tgt Ion:112 Resp: 260890
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.727 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:131 Resp: 96256
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 66.3 35.6 106.9





#67

Ethyl Benzene

Concen: 47.451 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

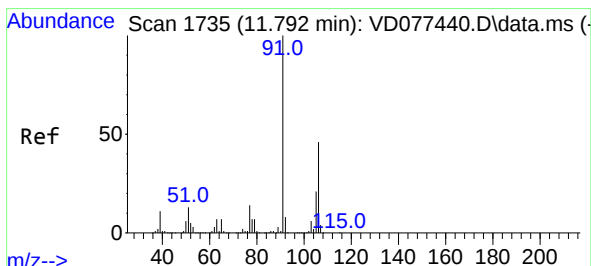
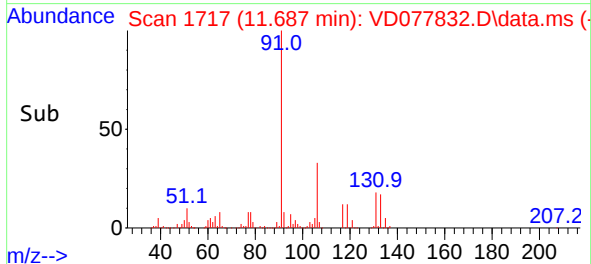
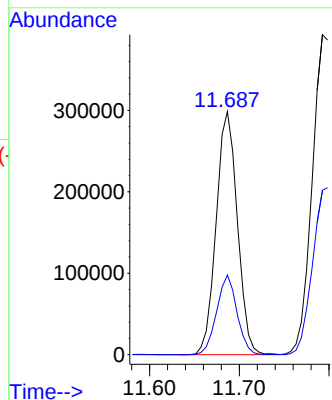
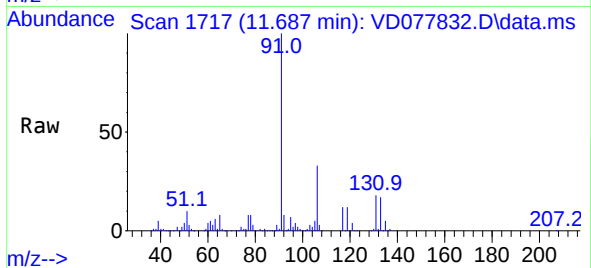
VSTDCCC050

Tgt Ion: 91 Resp: 489380

Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7



#68

m/p-Xylenes

Concen: 98.053 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD077832.D

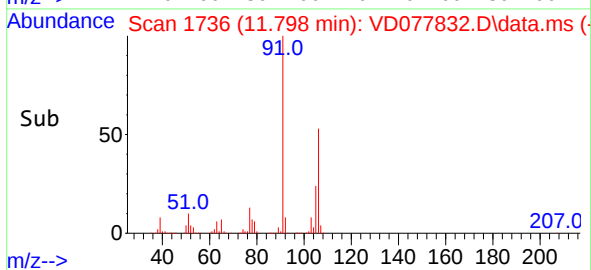
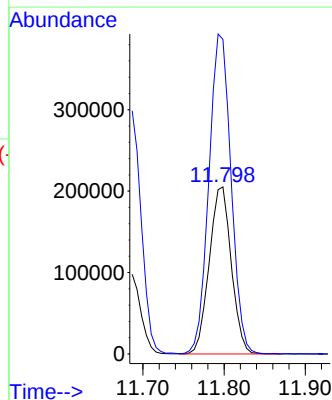
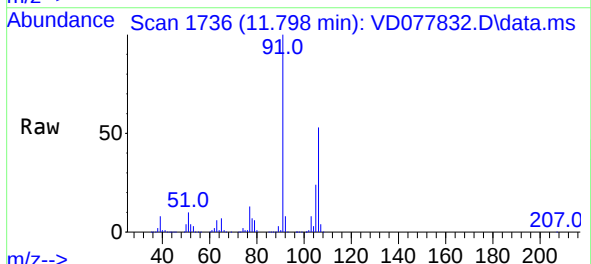
Acq: 12 Dec 2023 09:40

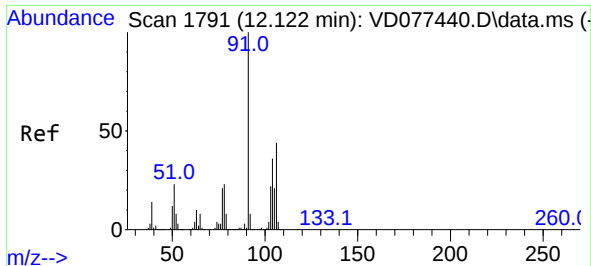
Tgt Ion:106 Resp: 386814

Ion Ratio Lower Upper

106 100

91 192.4 147.0 220.6

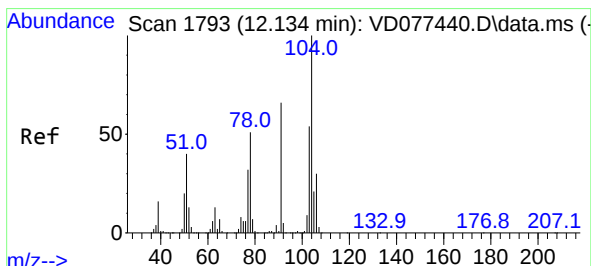
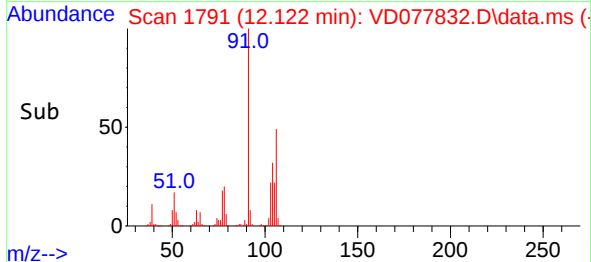
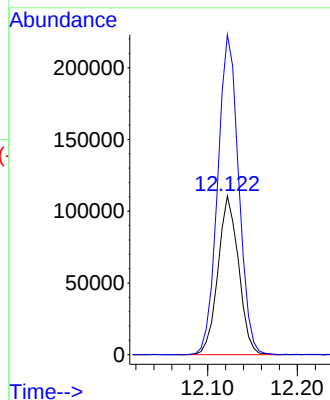
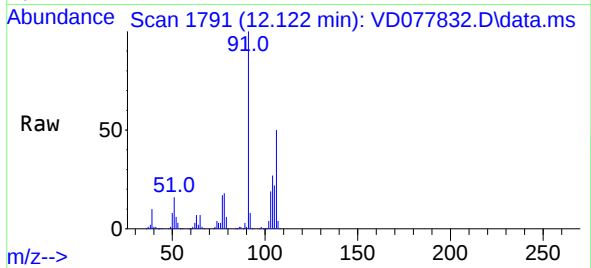




#69
o-Xylene
Concen: 48.424 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

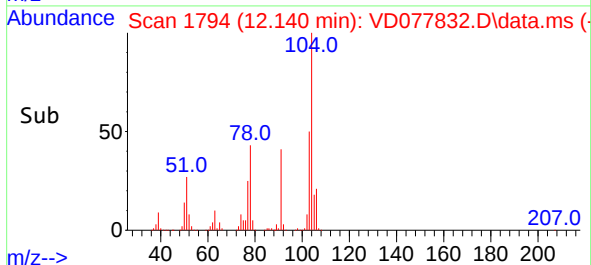
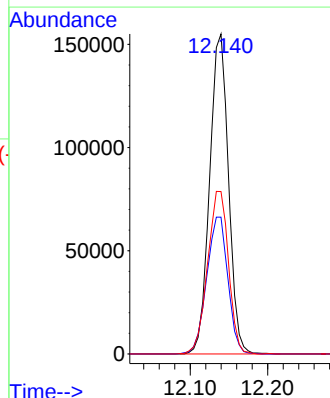
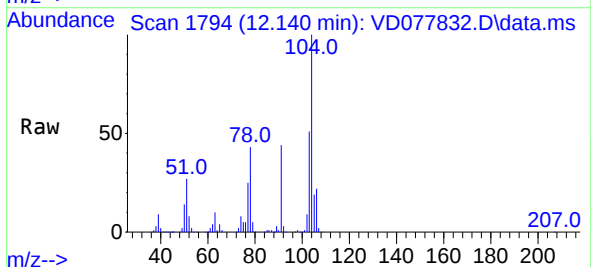
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

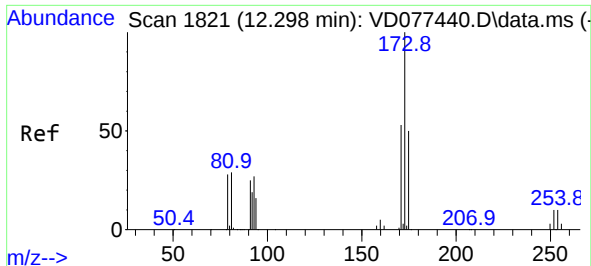
Tgt Ion:106 Resp: 176057
Ion Ratio Lower Upper
106 100
91 206.1 97.9 293.6



#70
Styrene
Concen: 48.489 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:104 Resp: 262140
Ion Ratio Lower Upper
104 100
78 48.1 33.2 49.8
103 56.4 43.6 65.4

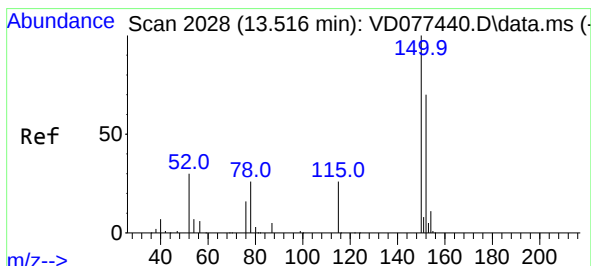
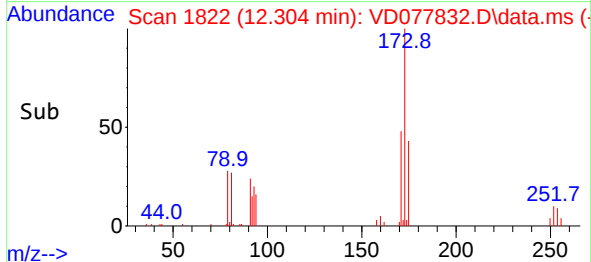
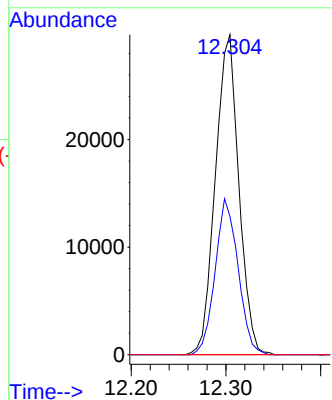
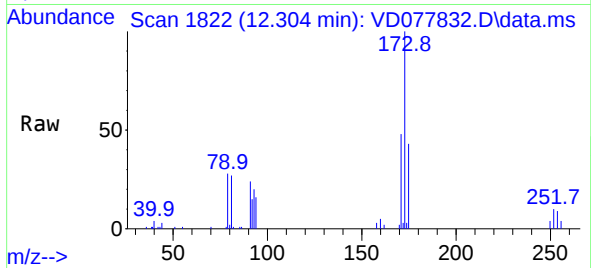




#71
Bromoform
Concen: 47.652 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

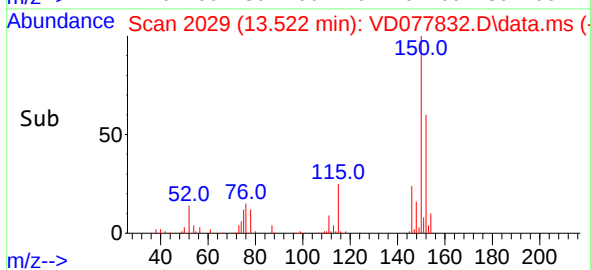
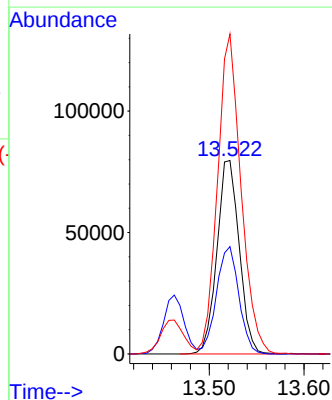
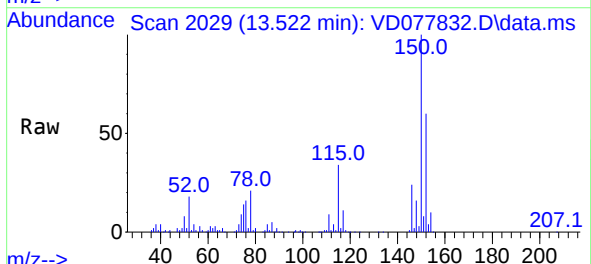
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

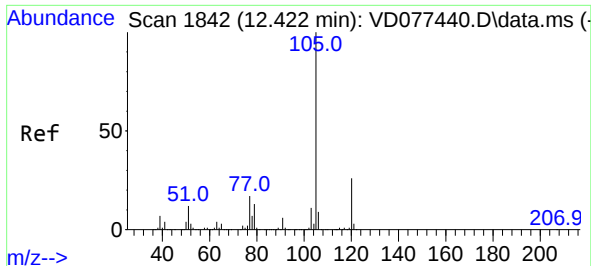
Tgt Ion:173 Resp: 51290
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:152 Resp: 130630
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 173.7 0.0 353.6

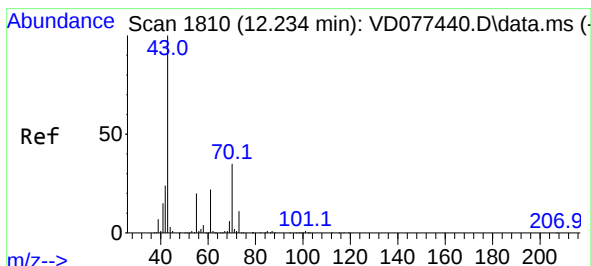
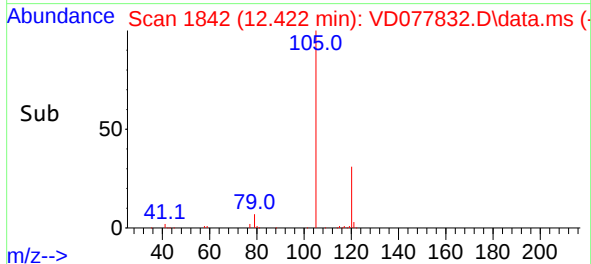
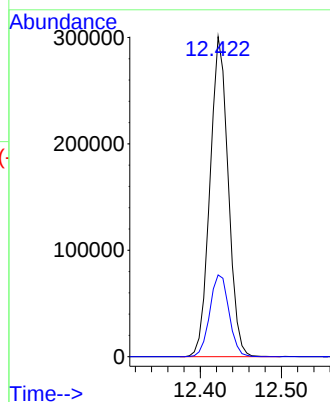
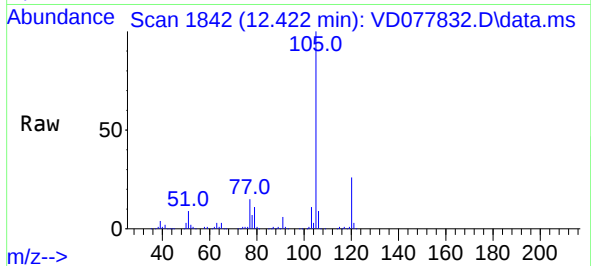




#73
Isopropylbenzene
Concen: 47.295 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

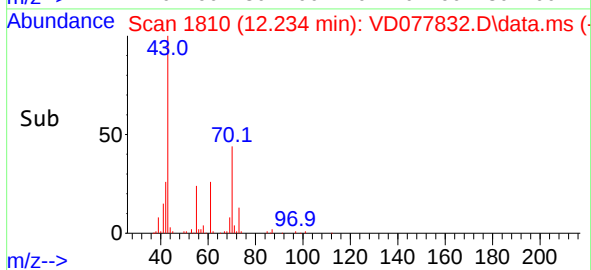
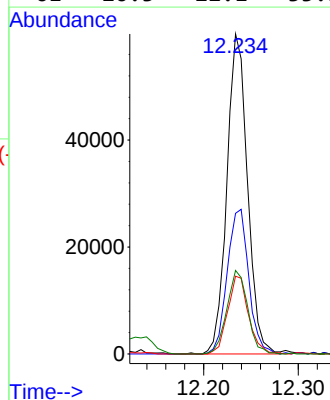
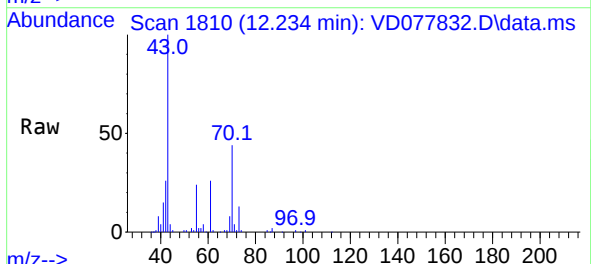
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

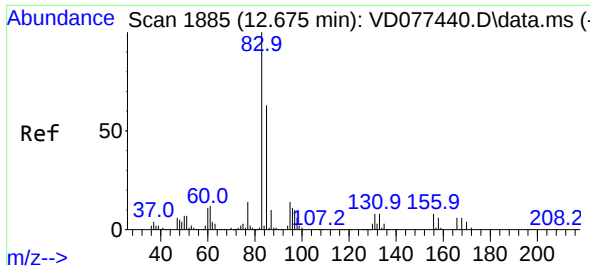
Tgt Ion:105 Resp: 468247
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 46.398 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 43 Resp: 90298
Ion Ratio Lower Upper
43 100
70 47.3 45.0 67.4
55 24.7 23.8 35.6
61 26.3 22.1 33.1

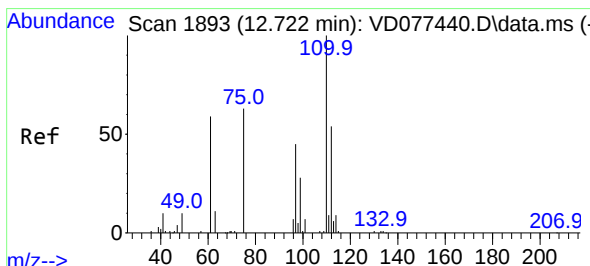
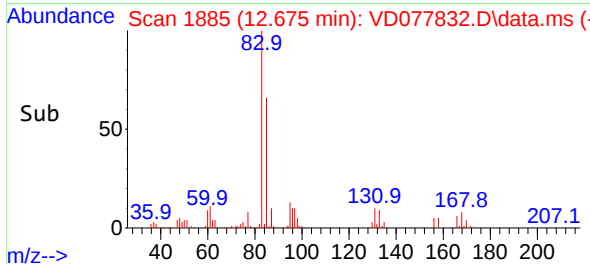
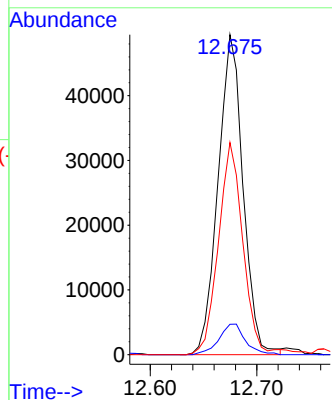
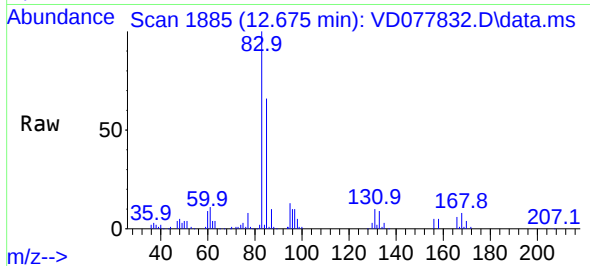




#75
1,1,2,2-Tetrachloroethane
Concen: 46.618 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

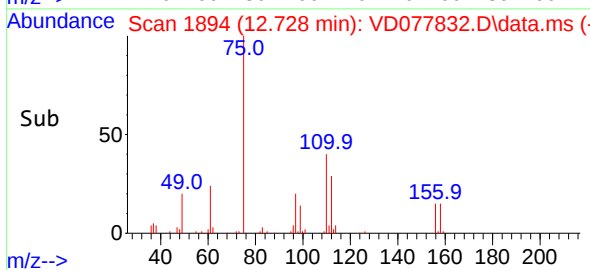
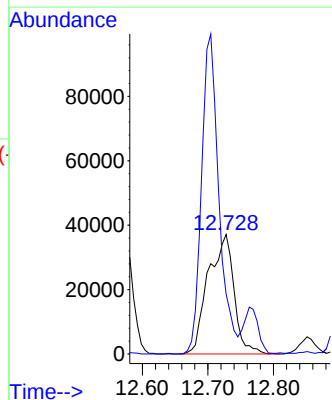
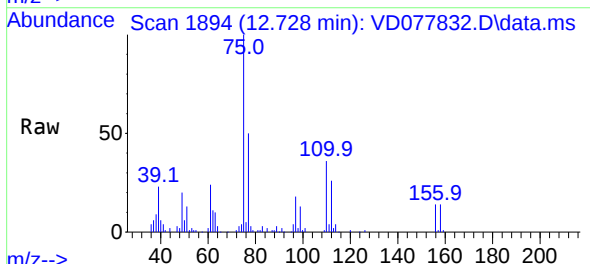
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

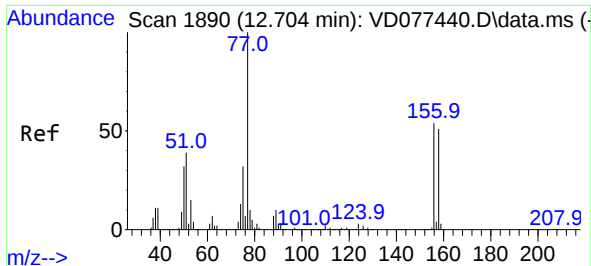
Tgt Ion: 83 Resp: 80476
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 89.250 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 75 Resp: 101257
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

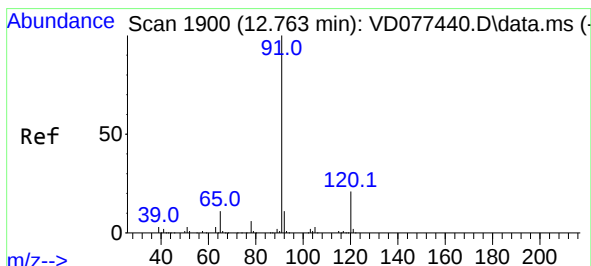
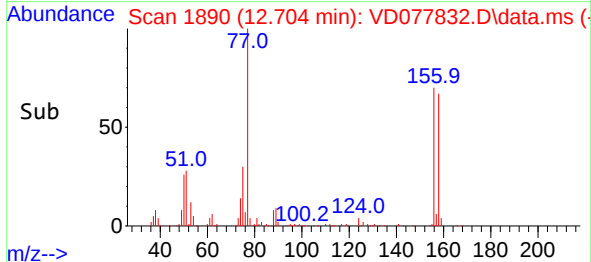
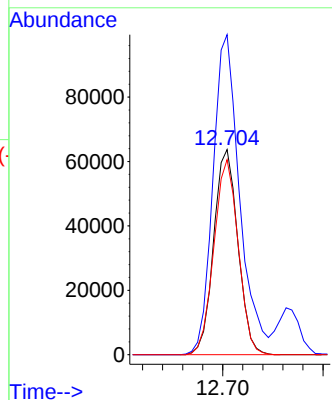
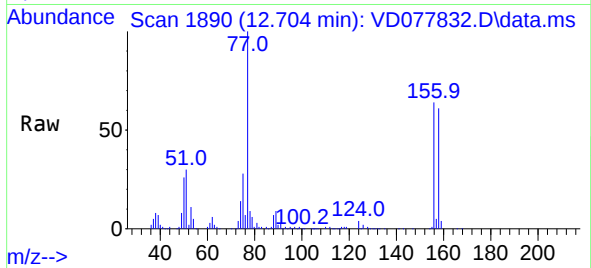




#77
Bromobenzene
Concen: 45.775 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

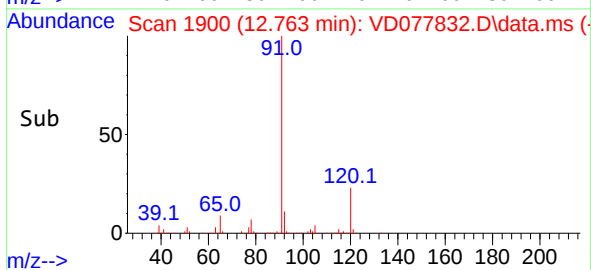
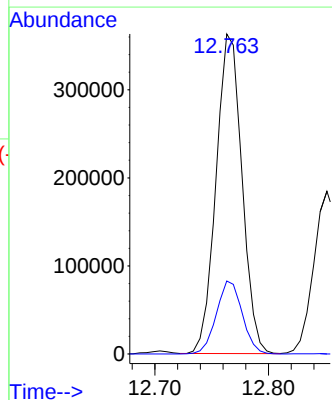
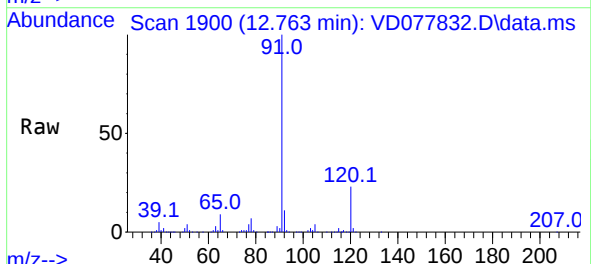
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

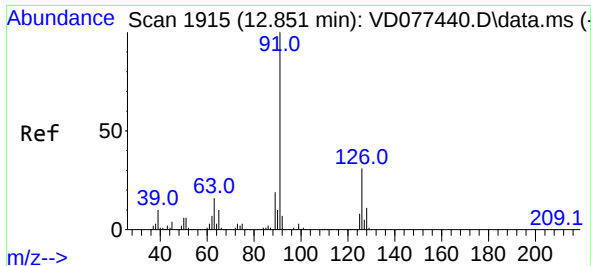
Tgt Ion:156 Resp: 106598
Ion Ratio Lower Upper
156 100
77 171.9 76.8 230.4
158 95.7 48.6 145.9



#78
n-propylbenzene
Concen: 47.683 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 91 Resp: 575259
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2

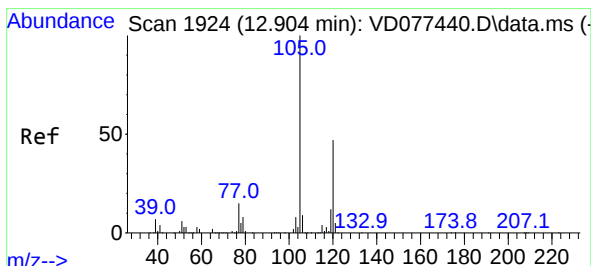
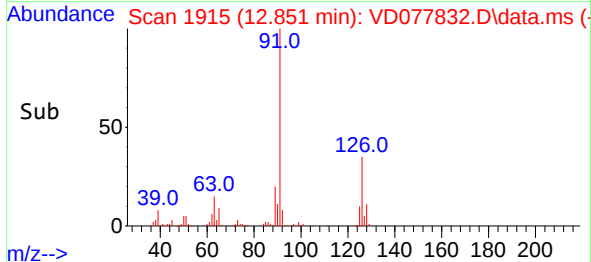
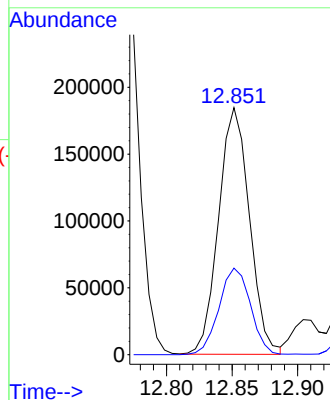
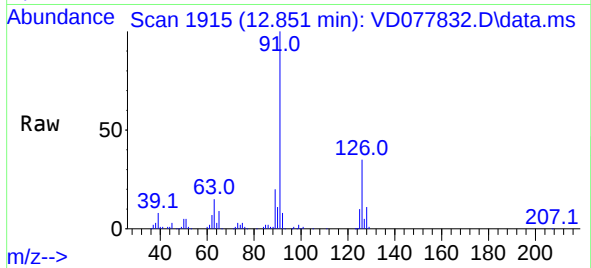




#79
2-Chlorotoluene
Concen: 46.840 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

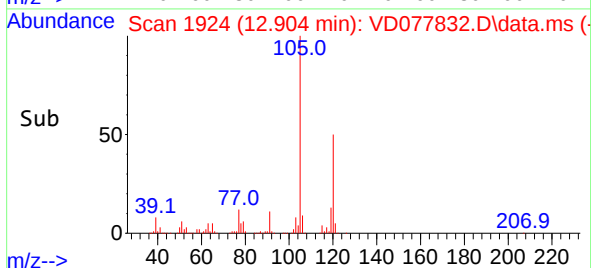
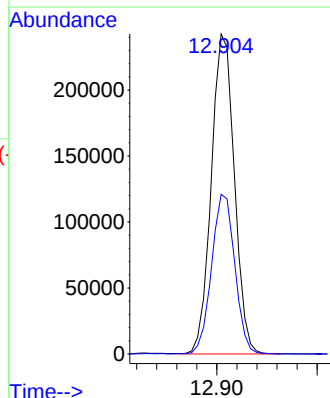
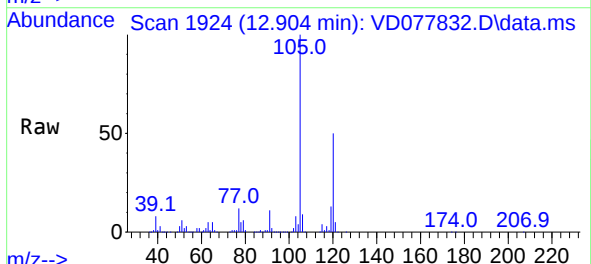
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

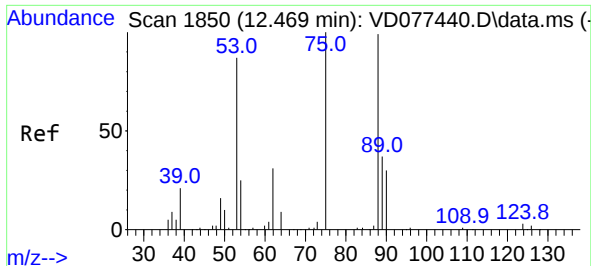
Tgt Ion: 91 Resp: 302836
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 46.943 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 105 Resp: 387634
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

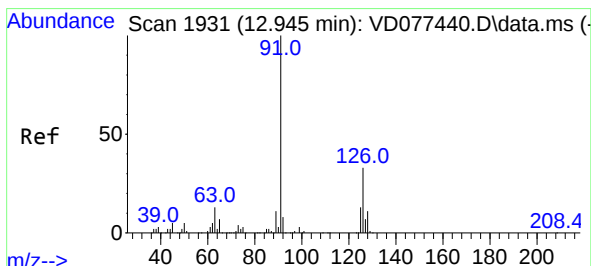
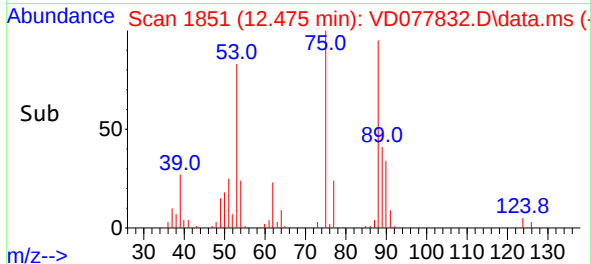
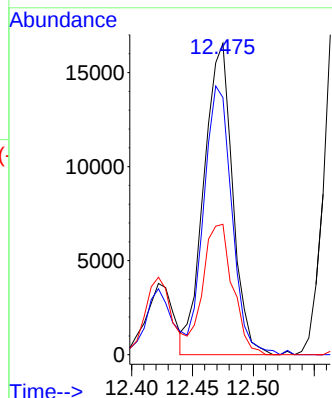
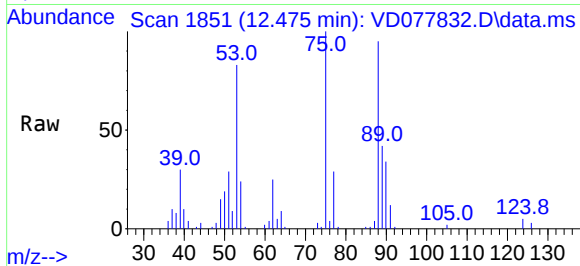




#81
trans-1,4-Dichloro-2-butene
Concen: 48.303 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

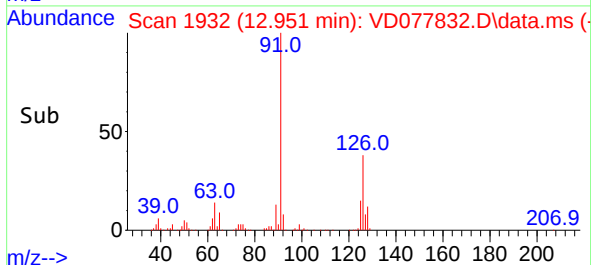
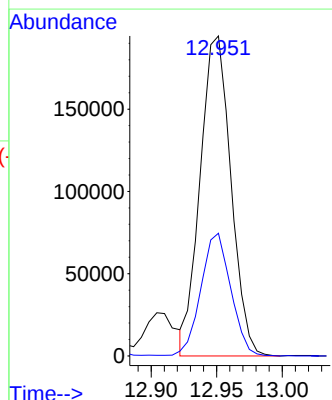
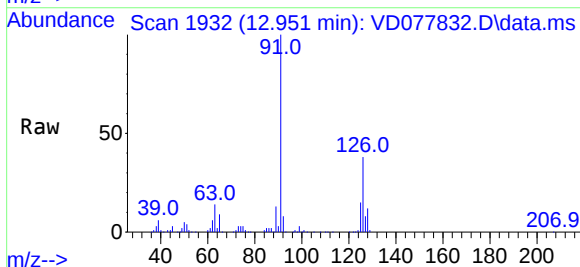
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

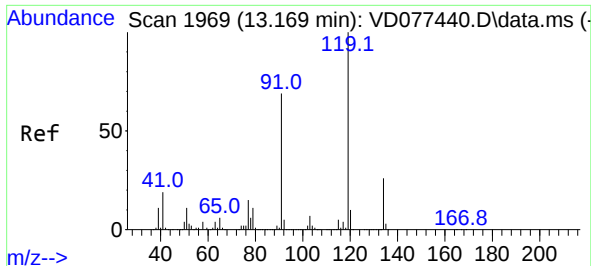
Tgt Ion: 75 Resp: 27048
Ion Ratio Lower Upper
75 100
53 84.5 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.032 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 91 Resp: 317891
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4

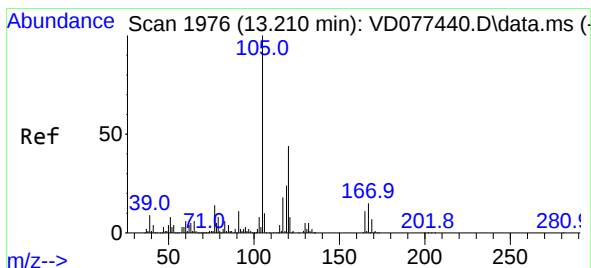
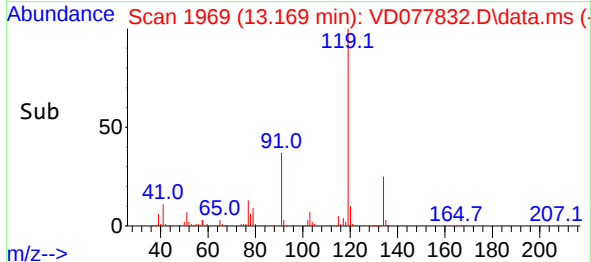
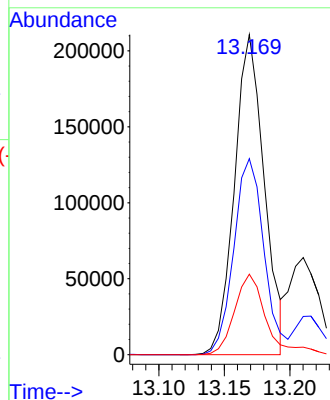
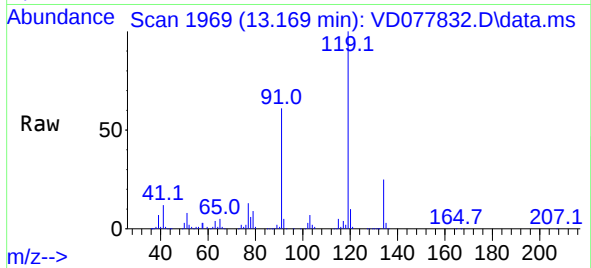




#83
tert-Butylbenzene
Concen: 47.787 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

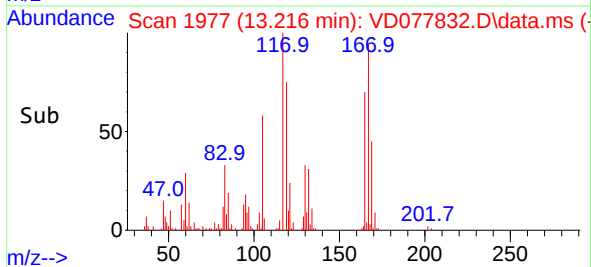
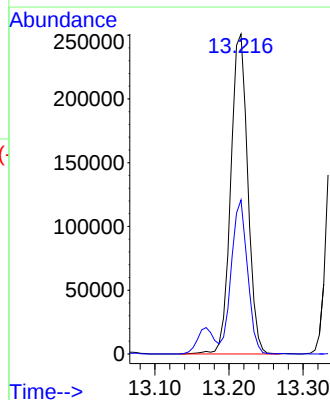
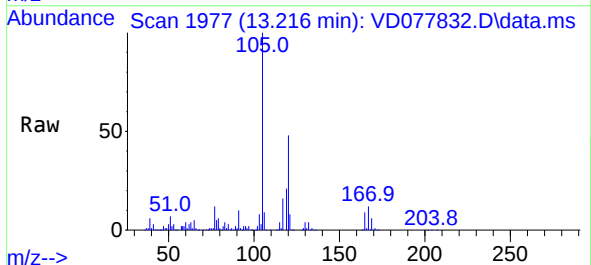
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

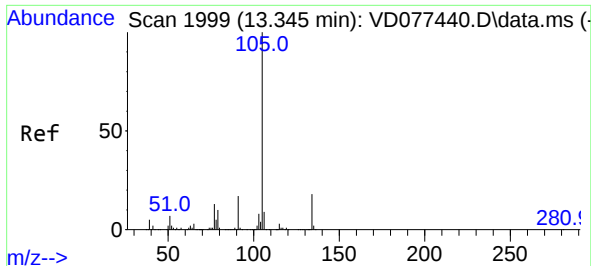
Tgt Ion:119 Resp: 333130
Ion Ratio Lower Upper
119 100
91 62.3 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 48.329 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:105 Resp: 399148
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.9

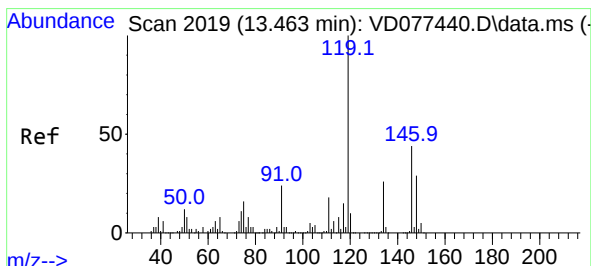
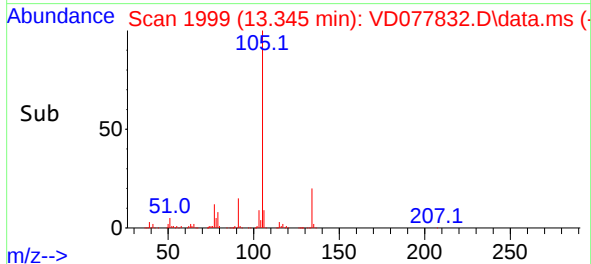
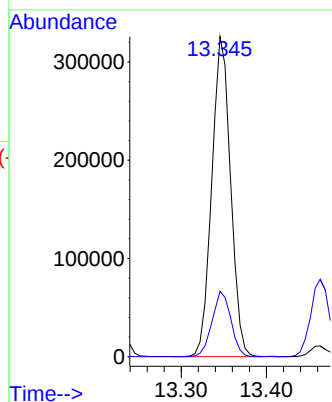
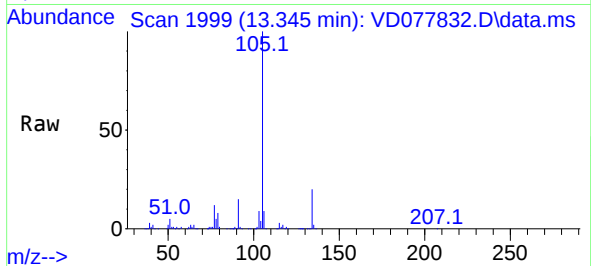




#85
 sec-Butylbenzene
 Concen: 48.485 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

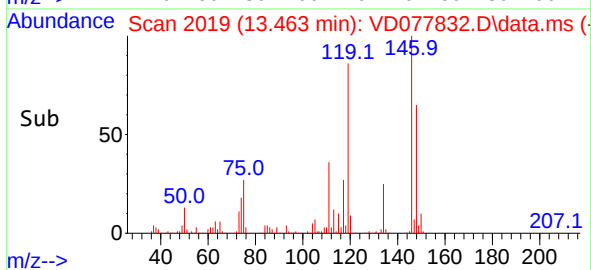
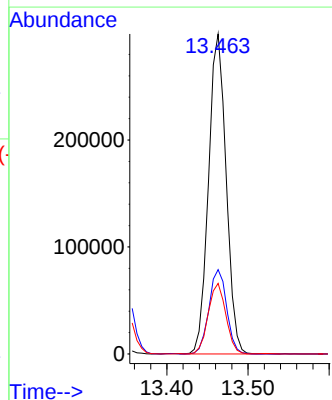
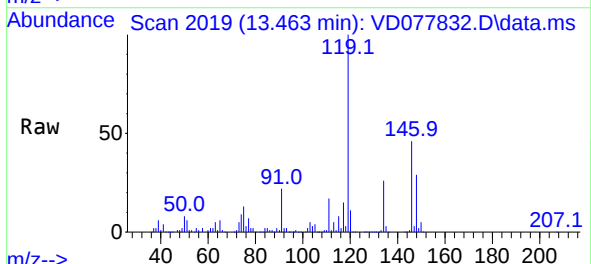
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

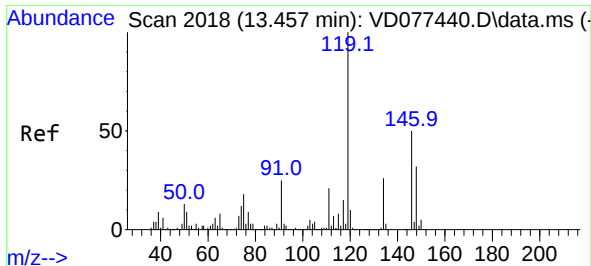
Tgt Ion:105 Resp: 499620
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 48.840 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077832.D
 Acq: 12 Dec 2023 09:40

Tgt Ion:119 Resp: 450591
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 22.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 46.663 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

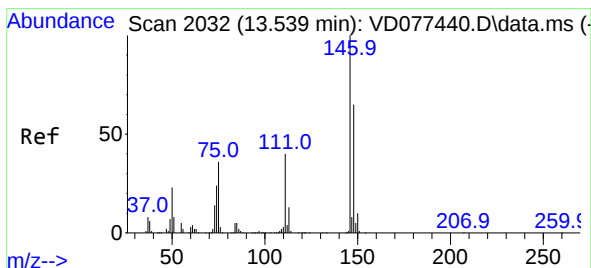
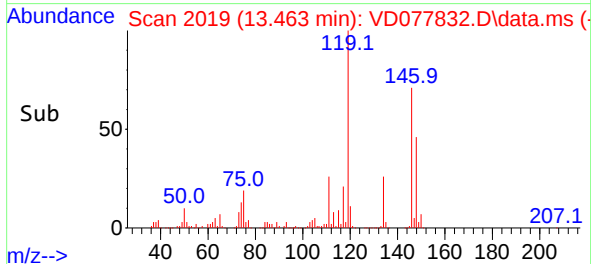
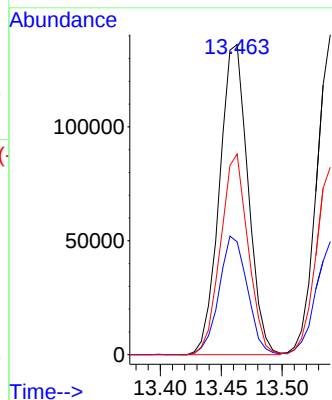
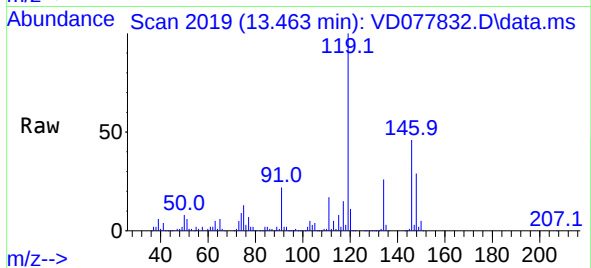
Tgt Ion:146 Resp: 222223

Ion Ratio Lower Upper

146 100

111 37.9 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 46.323 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

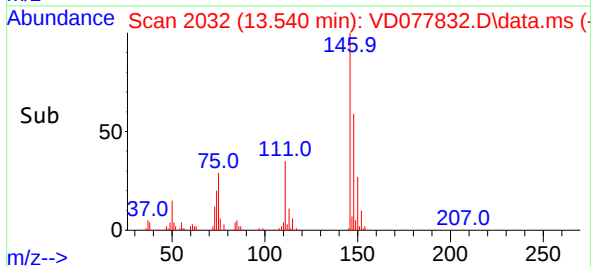
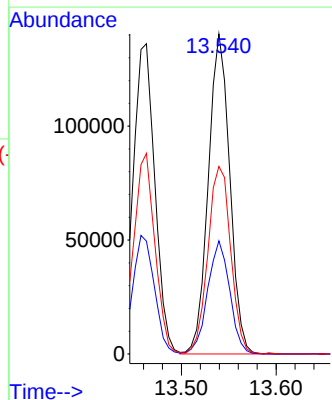
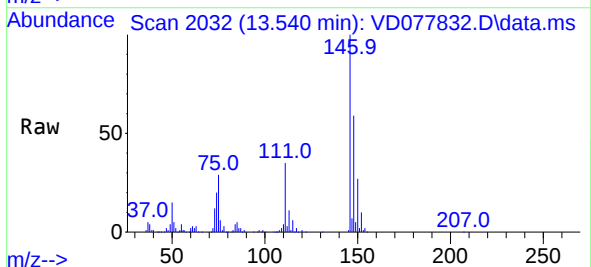
Tgt Ion:146 Resp: 220752

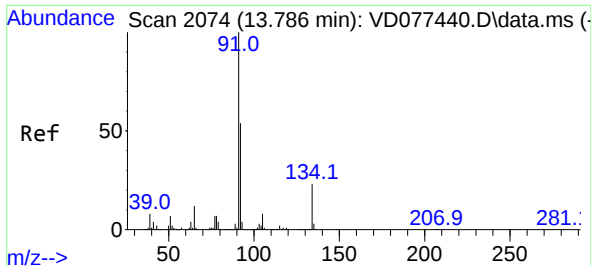
Ion Ratio Lower Upper

146 100

111 36.4 17.4 52.3

148 62.3 31.7 95.1

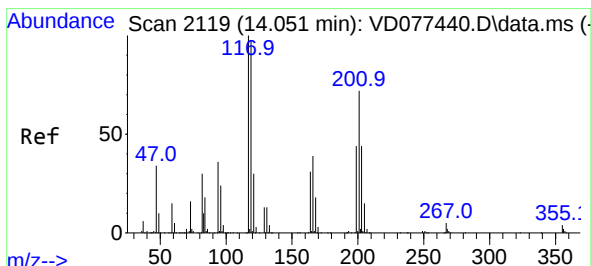
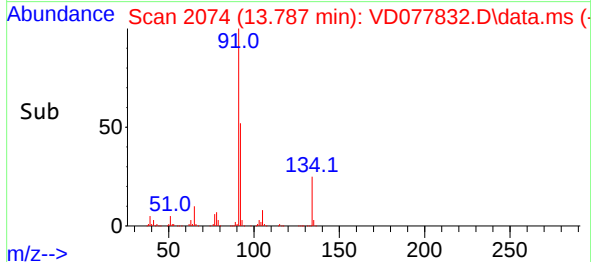
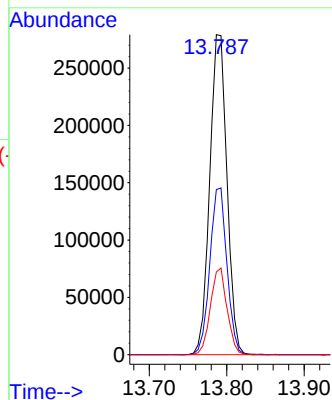
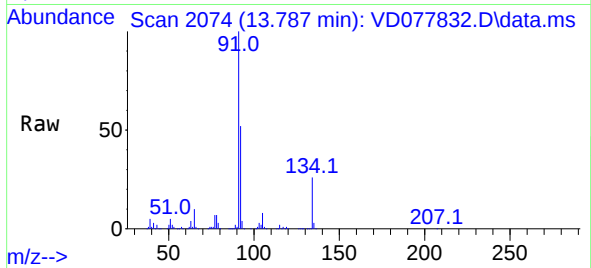




#89
n-Butylbenzene
Concen: 49.643 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

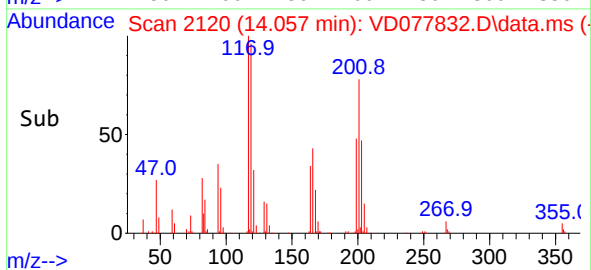
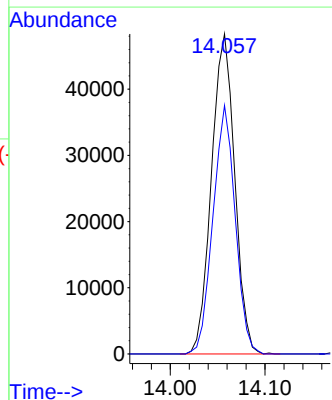
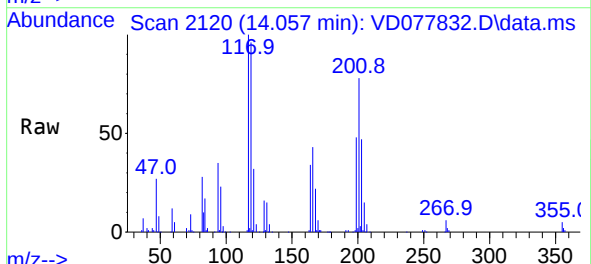
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

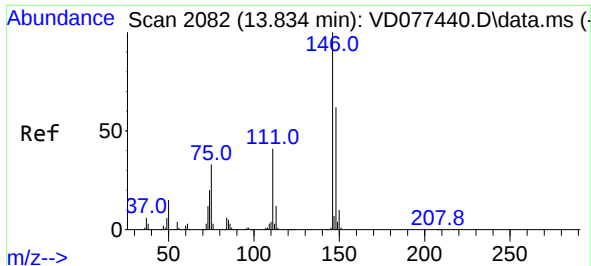
Tgt Ion: 91 Resp: 430958
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 26.0 13.8 41.3



#90
Hexachloroethane
Concen: 48.566 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion: 117 Resp: 82402
Ion Ratio Lower Upper
117 100
201 74.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 46.975 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

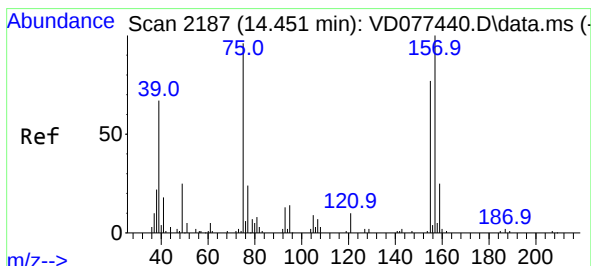
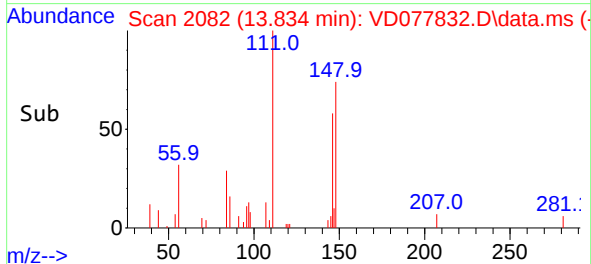
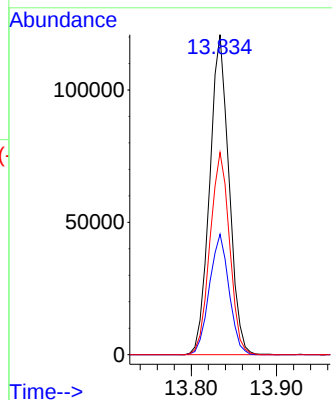
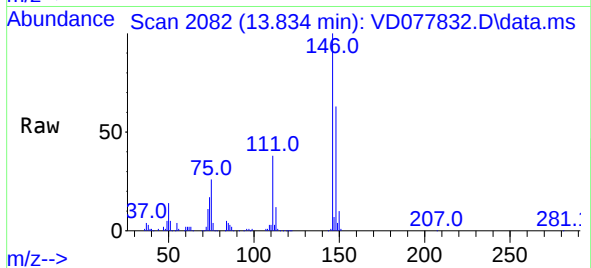
Tgt Ion:146 Resp: 190259

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 64.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.646 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077832.D

Acq: 12 Dec 2023 09:40

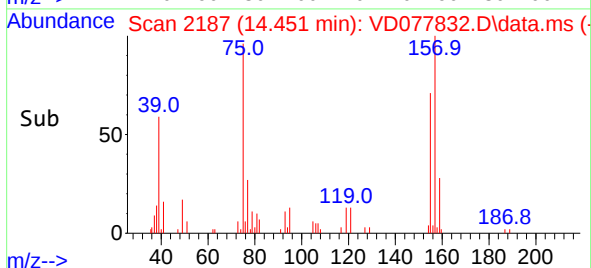
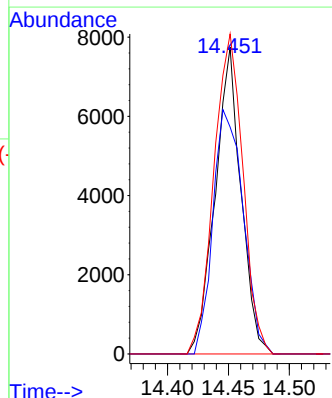
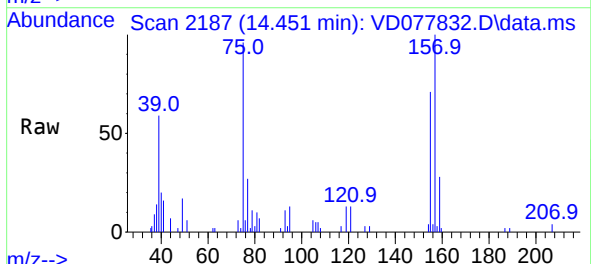
Tgt Ion: 75 Resp: 11436

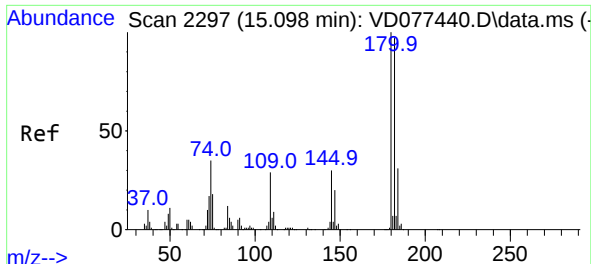
Ion Ratio Lower Upper

75 100

155 93.1 47.9 143.8

157 117.2 59.9 179.7

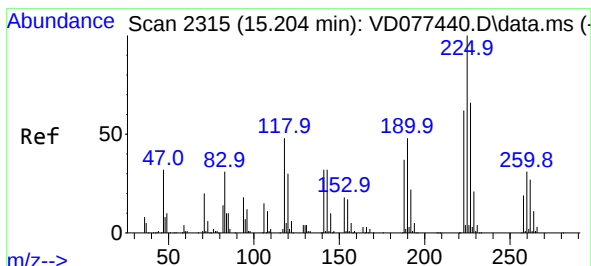
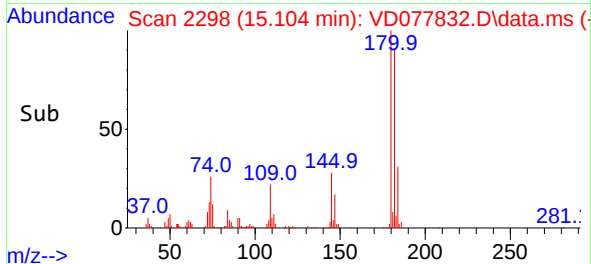
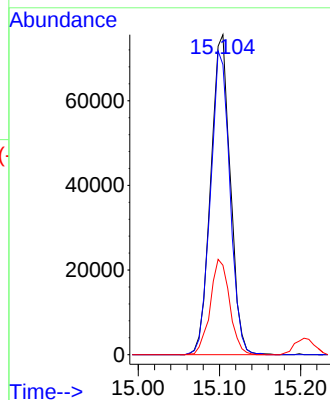
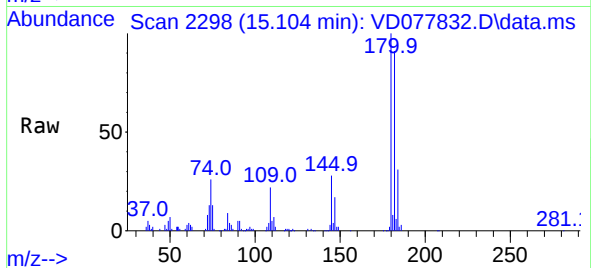




#93
1,2,4-Trichlorobenzene
Concen: 45.600 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

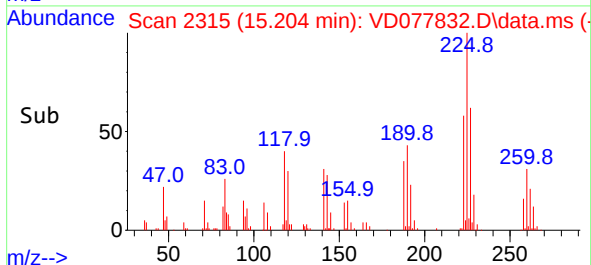
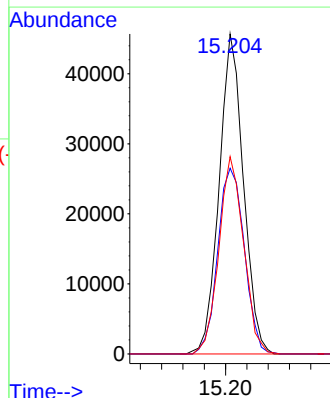
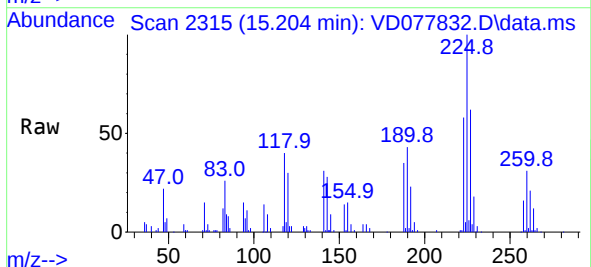
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

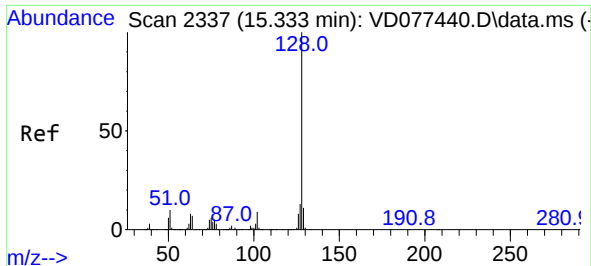
Tgt Ion:180 Resp: 126152
Ion Ratio Lower Upper
180 100
182 94.1 48.5 145.6
145 29.7 14.2 42.6



#94
Hexachlorobutadiene
Concen: 48.400 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:225 Resp: 72204
Ion Ratio Lower Upper
225 100
223 63.5 31.6 94.8
227 62.8 31.7 95.1

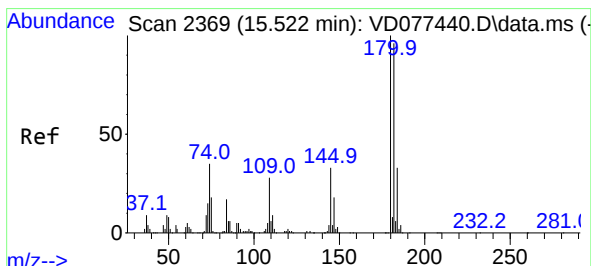
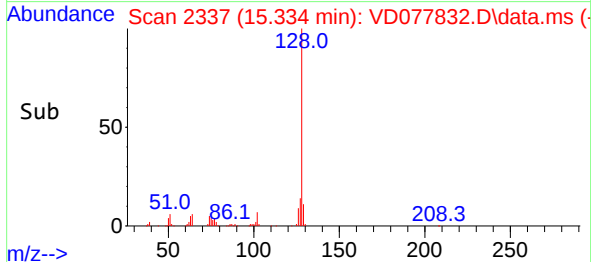
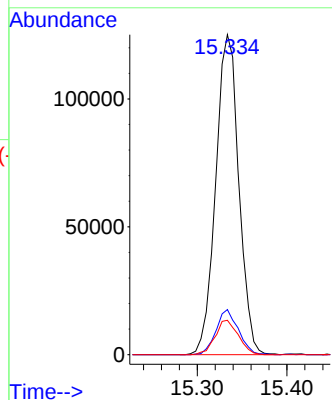
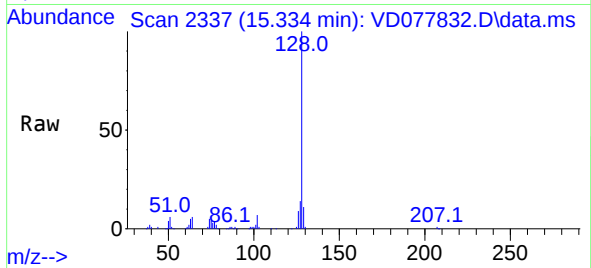




#95
Naphthalene
Concen: 48.664 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 223687
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.291 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077832.D
Acq: 12 Dec 2023 09:40

Tgt Ion:180 Resp: 107858
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.9
145 30.2 15.1 45.3

