

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077891.D
 Acq On : 14 Dec 2023 18:41
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:14:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	232938	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	221456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	110377	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	111802	17.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
7) Chloroethane-d5	2.810	69	108940	21.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	3.922	65	29689	18.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.120%
21) 2-Butanone-d5	6.993	46	38878	48.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.860%
24) Chloroform-d	7.569	84	162812	25.933	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.720%
26) 1,2-Dichloroethane-d4	8.234	65	81661	25.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.680%
32) Benzene-d6	8.204	84	315281	23.639	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.216	67	97781	24.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	10.269	98	285075	23.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	10.528	79	42094	23.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.881	63	35382	50.456	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80568	27.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	98595	24.969	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67095	18.043	ug/L	98
3) Chloromethane	2.152	50	91724	17.169	ug/L	99
5) Vinyl chloride	2.287	62	124038	18.640	ug/L	99
6) Bromomethane	2.699	94	69187	19.627	ug/L	97
8) Chloroethane	2.840	64	81926	19.724	ug/L	99
9) Trichlorofluoromethane	3.181	101	108835	19.176	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	68296	20.398	ug/L	99
12) 1,1-Dichloroethene	3.946	96	60671	19.147	ug/L #	85
13) Acetone	4.022	43	34634	33.670	ug/L	96
14) Carbon disulfide	4.281	76	199669	17.781	ug/L	100
15) Methyl Acetate	4.563	43	24155	16.404	ug/L #	79
16) Methylene chloride	4.810	84	76194	18.422	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	66572	20.151	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	137889	18.934	ug/L #	86
19) 1,1-Dichloroethane	6.122	63	123143	19.777	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	74648	20.333	ug/L	94
22) 2-Butanone	7.081	43	38460	33.220	ug/L #	61
23) Bromochloromethane	7.434	128	32245	21.097	ug/L	84
25) Chloroform	7.598	83	129905	21.192	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077891.D
 Acq On : 14 Dec 2023 18:41
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 07:14:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

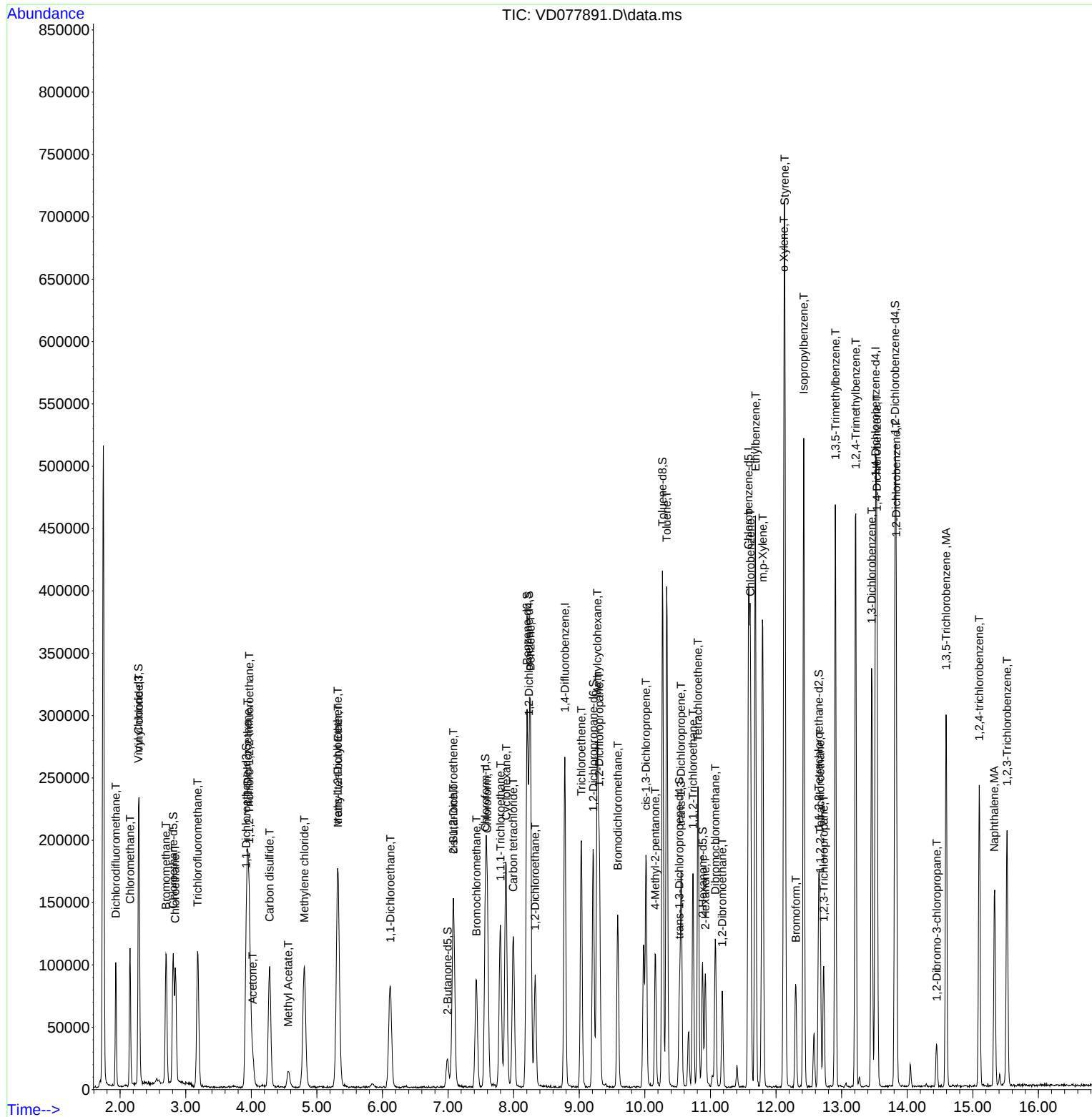
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	77480	20.207	ug/L	96
29) Cyclohexane	7.887	56	100058	17.122	ug/L	92
30) 1,1,1-Trichloroethane	7.798	97	105191	19.412	ug/L	99
31) Carbon tetrachloride	7.993	117	94619	19.855	ug/L	99
33) Benzene	8.257	78	289370	20.075	ug/L	100
34) Trichloroethene	9.034	95	69876	19.529	ug/L	98
35) Methylcyclohexane	9.275	83	117813	18.547	ug/L	96
37) 1,2-Dichloropropane	9.304	63	72081	19.180	ug/L	98
38) Bromodichloromethane	9.587	83	92621	20.267	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	115704	19.715	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	71137	34.302	ug/L	96
42) Toluene	10.334	91	313004	20.444	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	98121	20.017	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	53217	21.084	ug/L	97
46) Tetrachloroethene	10.810	164	55433	19.213	ug/L	96
48) 2-Hexanone	10.922	43	56651	32.138	ug/L #	94
49) Dibromochloromethane	11.075	129	62210	20.729	ug/L	97
50) 1,2-Dibromoethane	11.181	107	49249	20.233	ug/L #	95
51) Chlorobenzene	11.610	112	194088	20.445	ug/L	95
52) Ethylbenzene	11.686	91	336165	19.807	ug/L	98
53) m,p-Xylene	11.798	106	130853	20.405	ug/L	90
54) o-Xylene	12.122	106	125254	20.409	ug/L	93
55) Styrene	12.133	104	218348	20.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	62238	20.811	ug/L	98
59) Bromoform	12.304	173	37051	20.288	ug/L #	98
60) Isopropylbenzene	12.422	105	332788	20.200	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	41088	20.238	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	249166	20.137	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	255379	20.355	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	143610	20.156	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	151327	20.468	ug/L	97
67) 1,2-Dichlorobenzene	13.833	146	129626	20.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	8625	18.016	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	94697	19.519	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	77458	18.807	ug/L	97
71) Naphthalene	15.327	128	139761	18.561	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	66902	18.529	ug/L	100

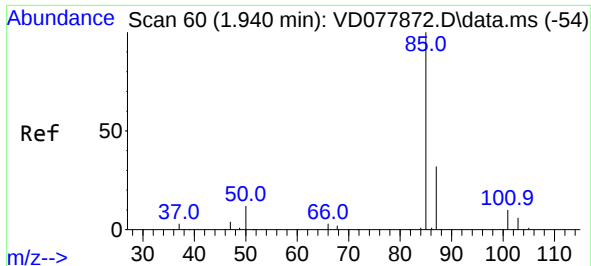
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
Data File : VD077891.D
Acq On : 14 Dec 2023 18:41
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 15 07:14:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration

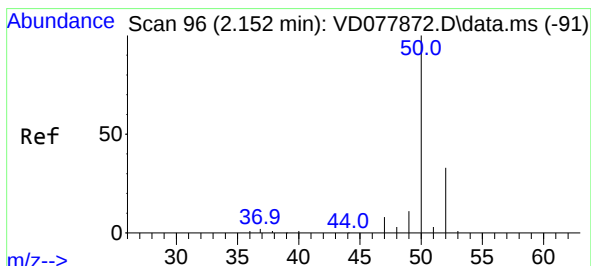
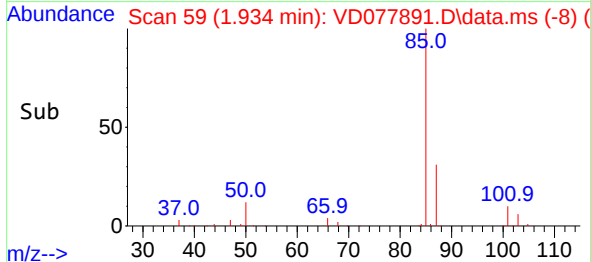
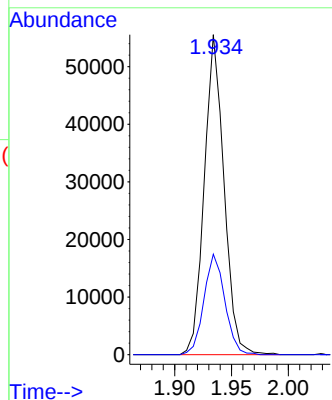
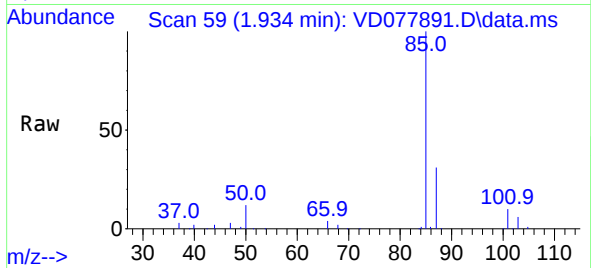




#2
Dichlorodifluoromethane
Concen: 18.043 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

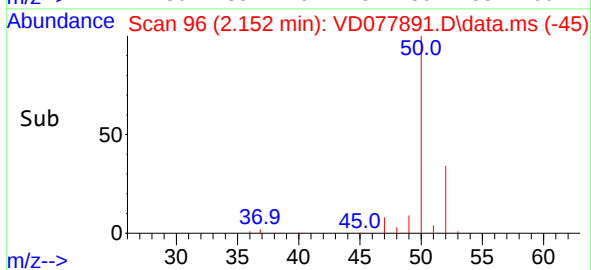
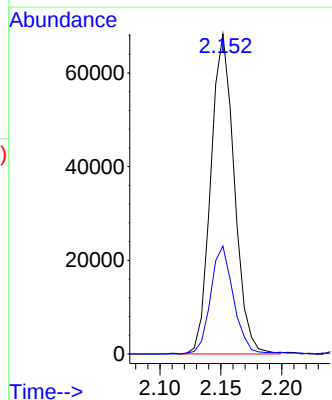
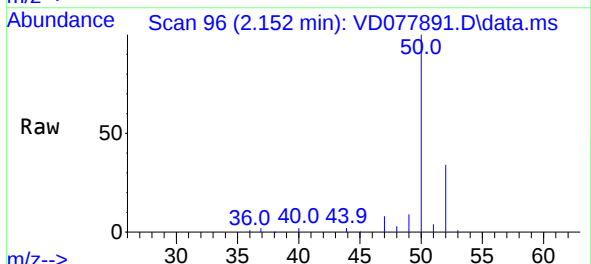
Instrument :
MSVOA_D
ClientSampleId :

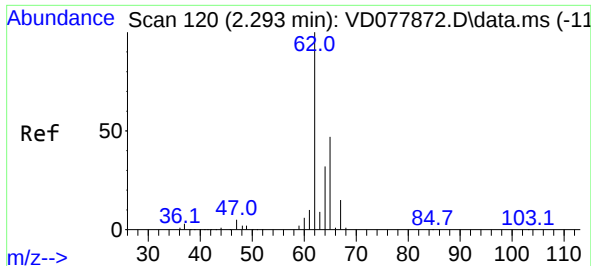
Tgt Ion: 85 Resp: 67095
Ion Ratio Lower Upper
85 100
87 33.3 25.6 38.4



#3
Chloromethane
Concen: 17.169 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 50 Resp: 91724
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

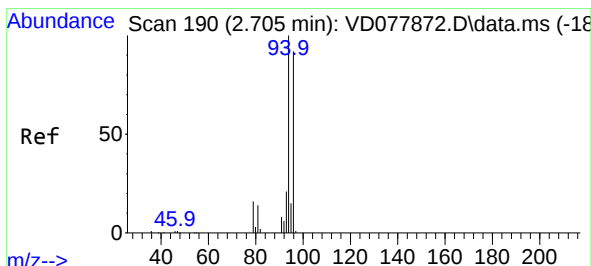
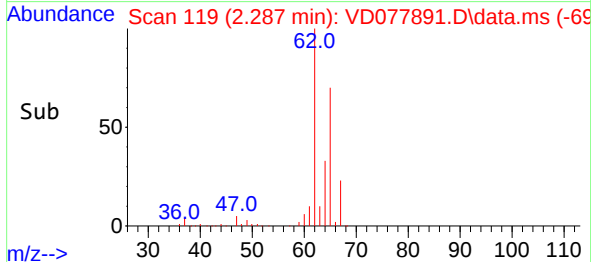
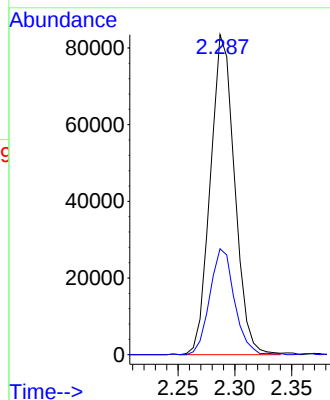
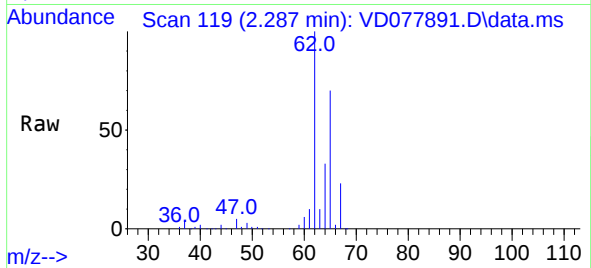




#5
Vinyl chloride
Concen: 18.640 ug/L
RT: 2.287 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

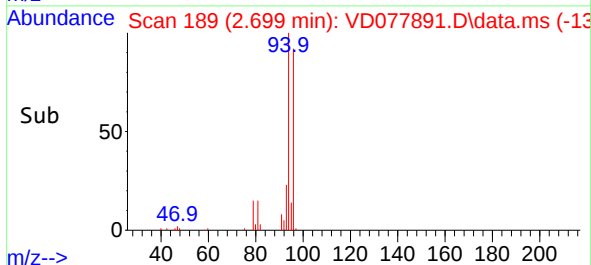
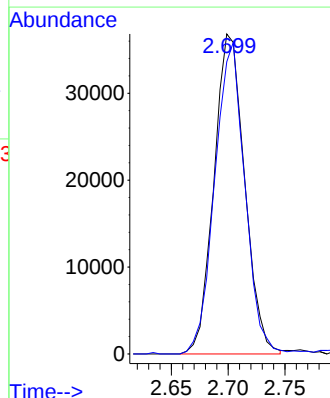
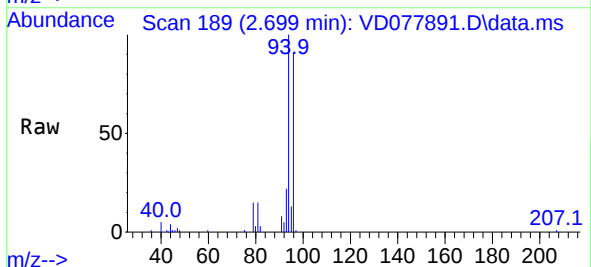
Instrument :
MSVOA_D
ClientSampleId :

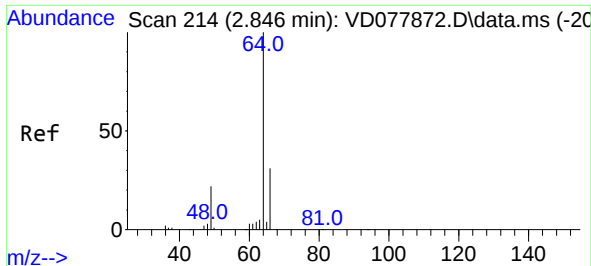
Tgt Ion: 62 Resp: 124038
Ion Ratio Lower Upper
62 100
64 33.1 22.6 42.0



#6
Bromomethane
Concen: 19.627 ug/L
RT: 2.699 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 94 Resp: 69187
Ion Ratio Lower Upper
94 100
96 91.3 66.0 122.6

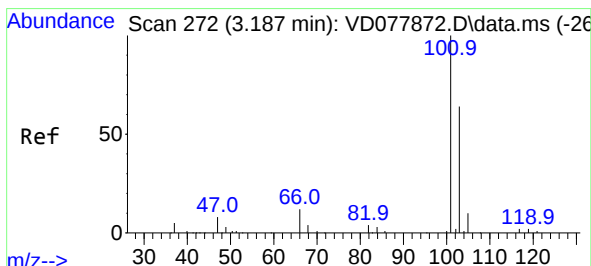
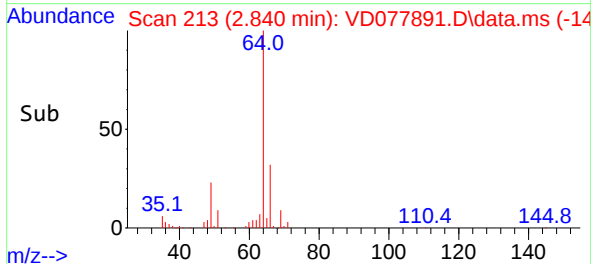
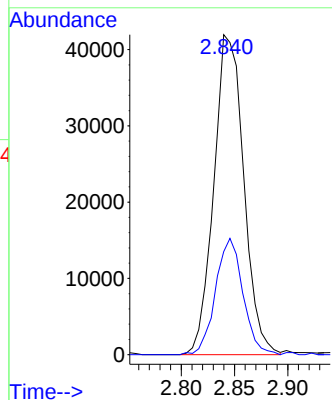
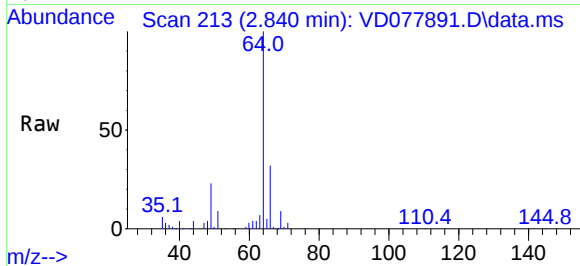




#8
Chloroethane
Concen: 19.724 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

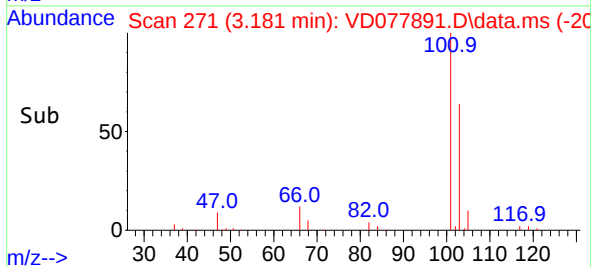
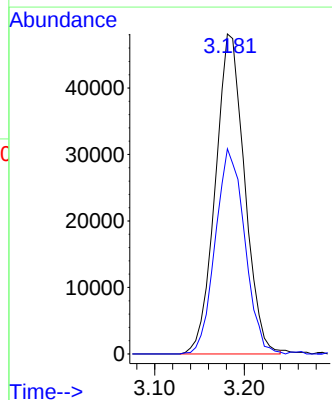
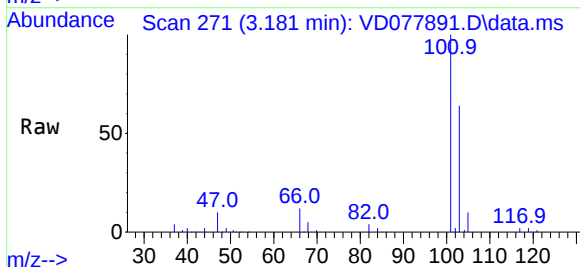
Instrument :
MSVOA_D
ClientSampleId :

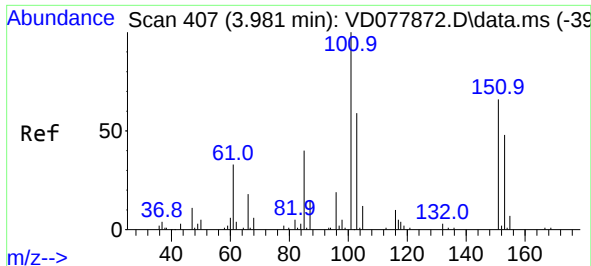
Tgt Ion: 64 Resp: 81926
Ion Ratio Lower Upper
64 100
66 32.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 19.176 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

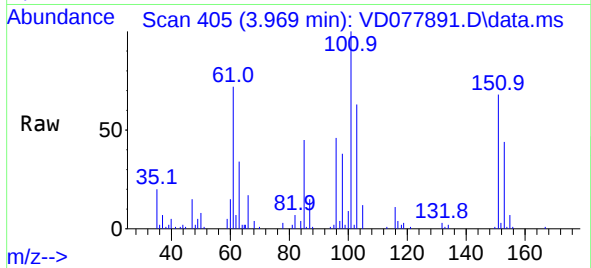
Tgt Ion:101 Resp: 108835
Ion Ratio Lower Upper
101 100
103 64.4 52.5 78.7



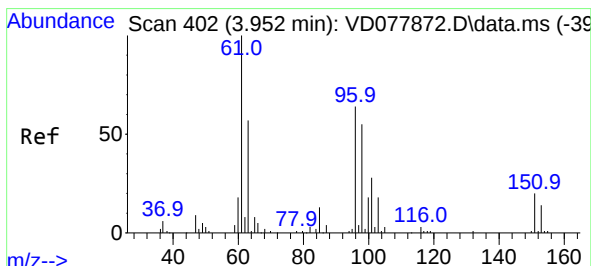
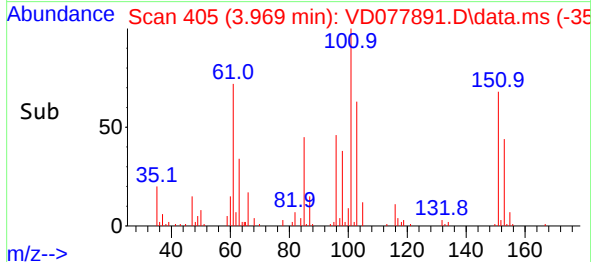
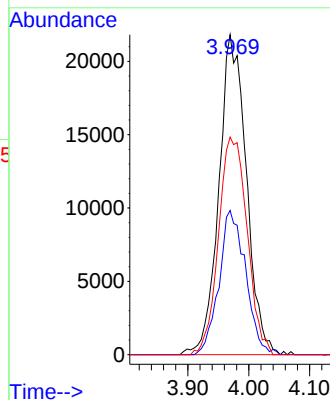


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.398 ug/L
RT: 3.969 min Scan# 407
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

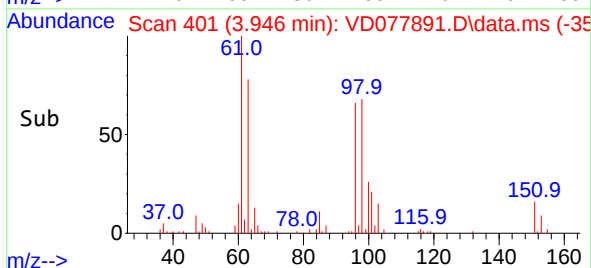
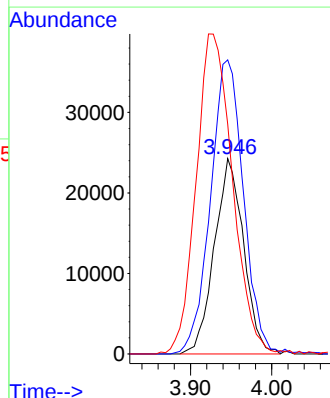
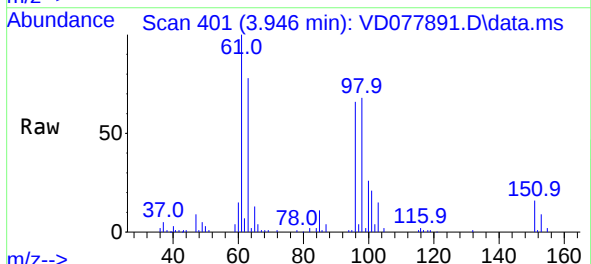


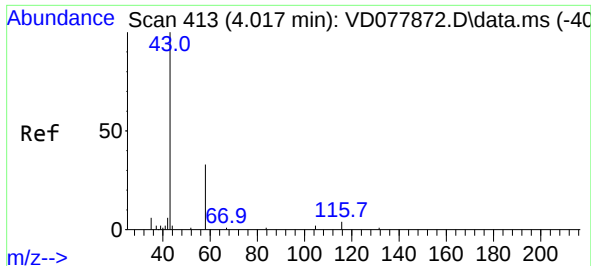
Tgt Ion:101 Resp: 68296
Ion Ratio Lower Upper
101 100
85 43.5 35.8 53.6
151 70.9 57.0 85.6



#12
1,1-Dichloroethene
Concen: 19.147 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 96 Resp: 60671
Ion Ratio Lower Upper
96 100
61 150.5 108.6 201.6
63 117.6 60.3 111.9#

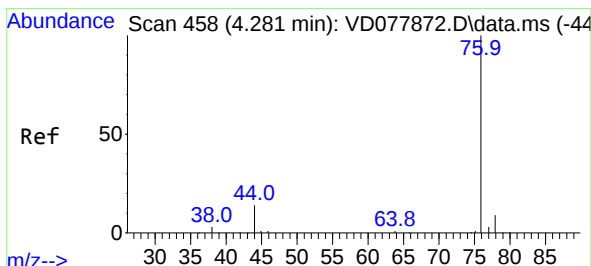
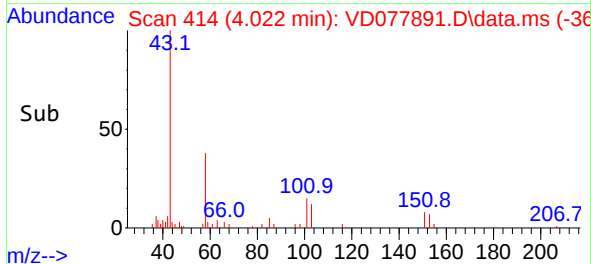
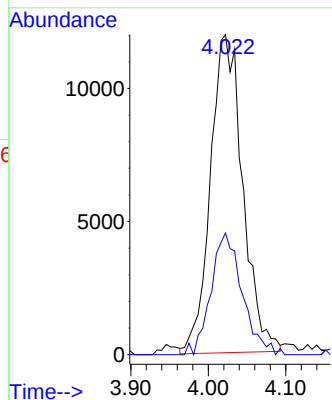
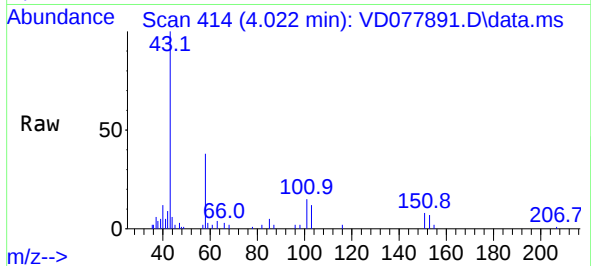




#13
Acetone
Concen: 33.670 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

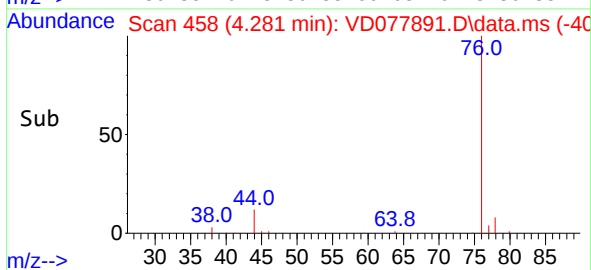
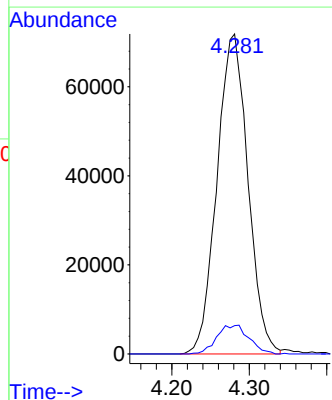
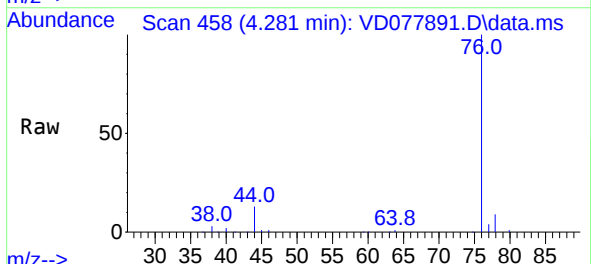
Instrument :
MSVOA_D
ClientSampleId :

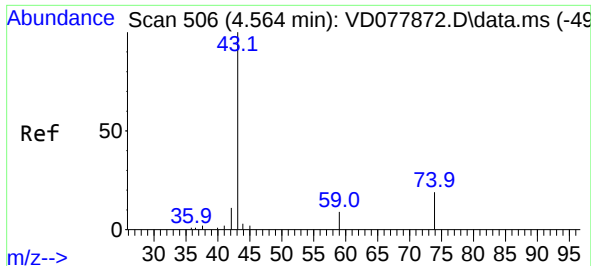
Tgt Ion: 43 Resp: 34634
Ion Ratio Lower Upper
43 100
58 35.9 0.0 67.2



#14
Carbon disulfide
Concen: 17.781 ug/L
RT: 4.281 min Scan# 458
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 76 Resp: 199669
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

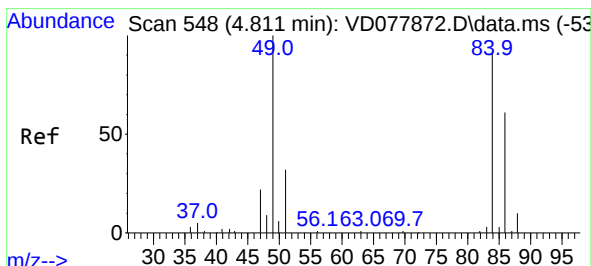
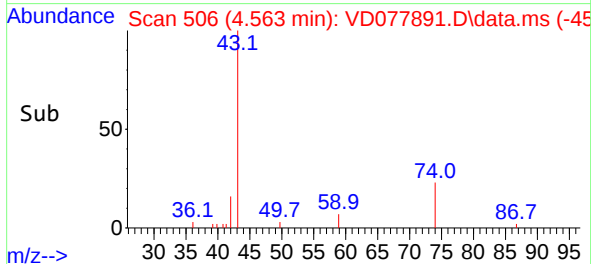
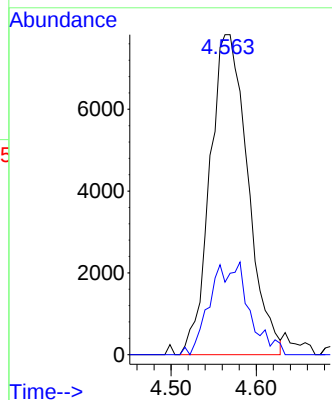
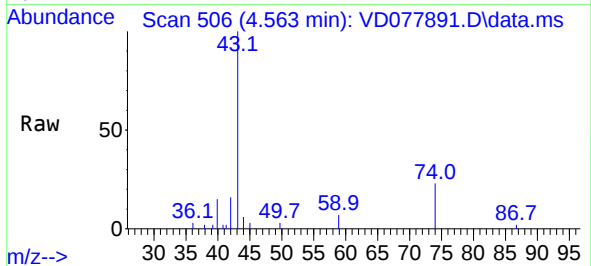




#15
Methyl Acetate
Concen: 16.404 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

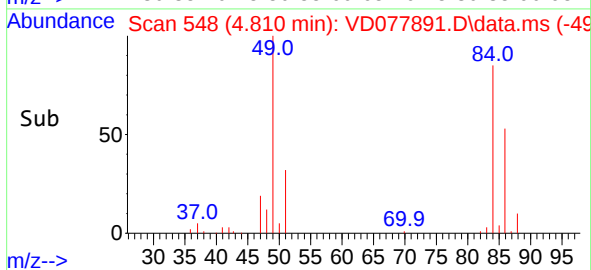
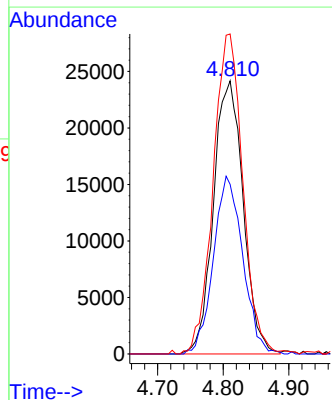
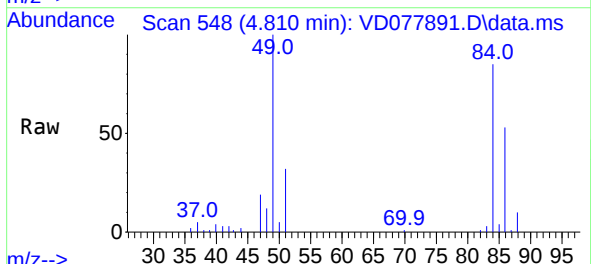
Instrument :
MSVOA_D
ClientSampleId :

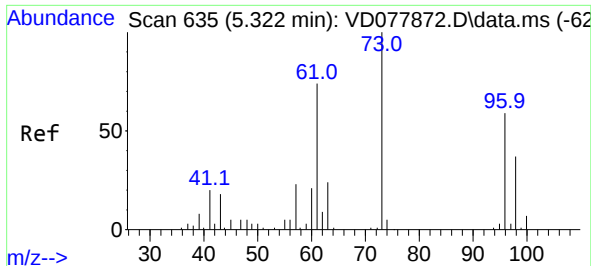
Tgt Ion: 43 Resp: 24155
Ion Ratio Lower Upper
43 100
74 13.2 18.6 27.8#



#16
Methylene chloride
Concen: 18.422 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

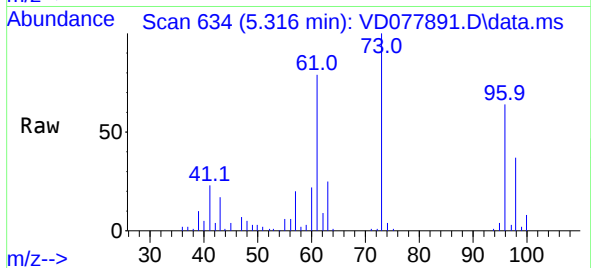
Tgt Ion: 84 Resp: 76194
Ion Ratio Lower Upper
84 100
86 62.1 40.1 74.5
49 117.2 83.2 154.6



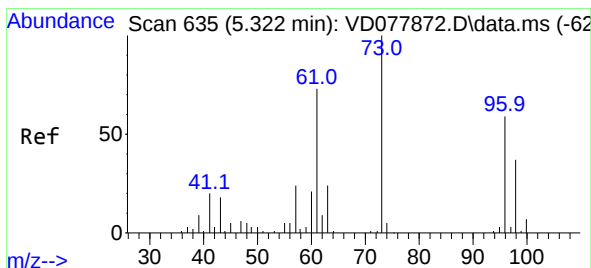
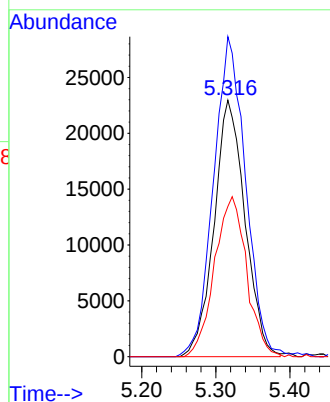
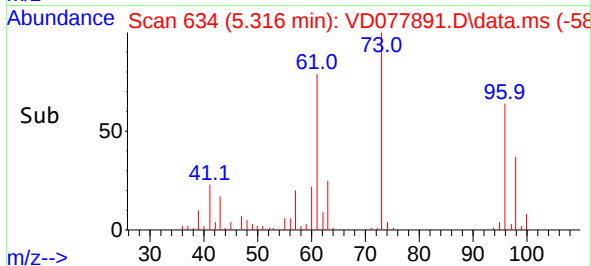


#17
trans-1,2-Dichloroethene
Concen: 20.151 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

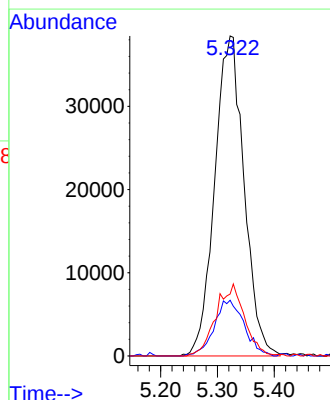
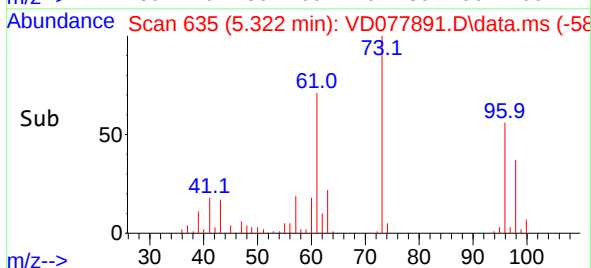
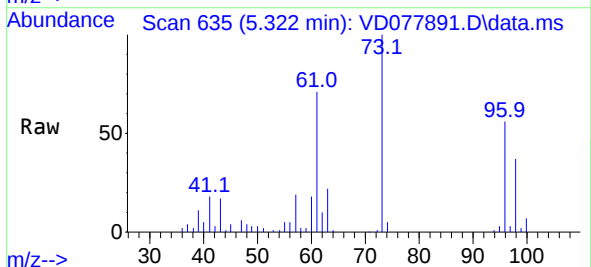


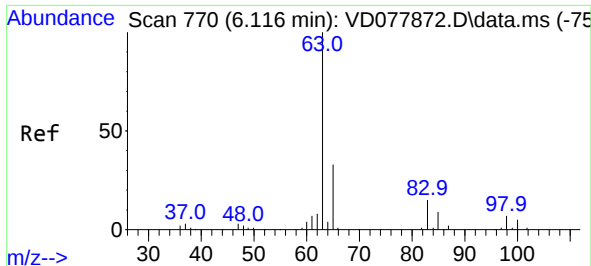
Tgt Ion: 96 Resp: 66572
Ion Ratio Lower Upper
96 100
61 124.8 92.3 171.3
98 58.6 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 18.934 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 73 Resp: 137889
Ion Ratio Lower Upper
73 100
43 17.7 15.0 22.4
57 11.6 18.1 27.1#

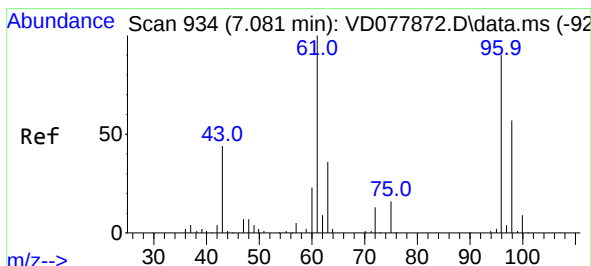
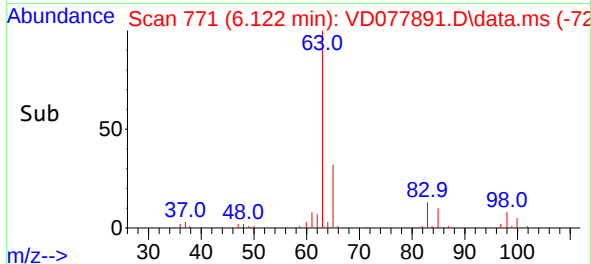
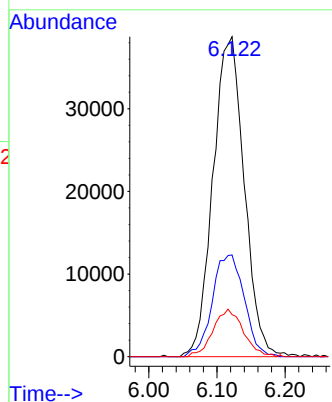
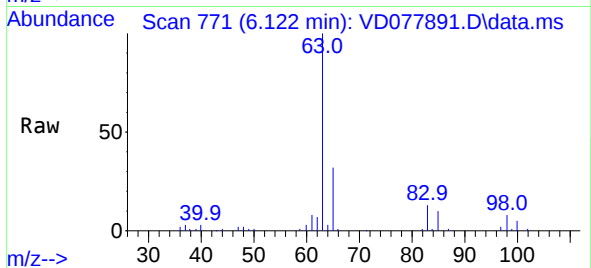




#19
1,1-Dichloroethane
Concen: 19.777 ug/L
RT: 6.122 min Scan# 771
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

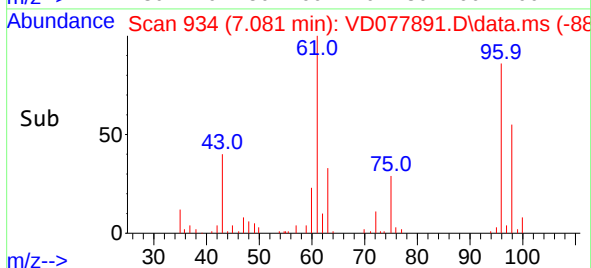
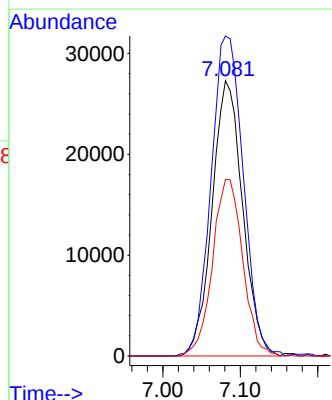
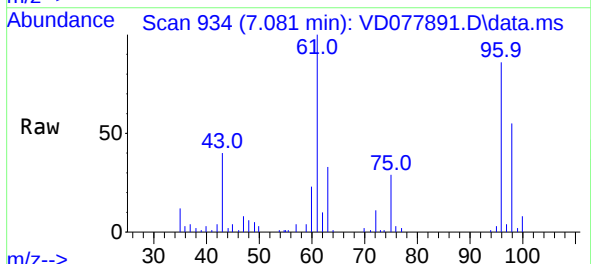
Instrument :
MSVOA_D
ClientSampleId :

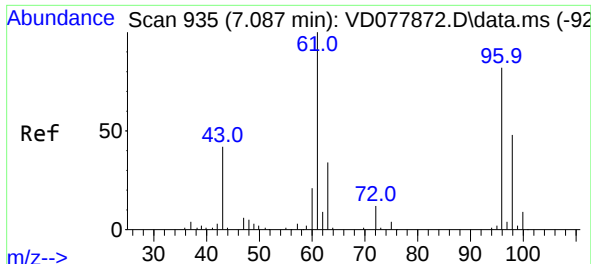
Tgt Ion: 63 Resp: 123143
Ion Ratio Lower Upper
63 100
65 31.8 20.9 38.9
83 13.1 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 20.333 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 96 Resp: 74648
Ion Ratio Lower Upper
96 100
61 116.2 88.1 163.5
98 64.1 44.1 81.9

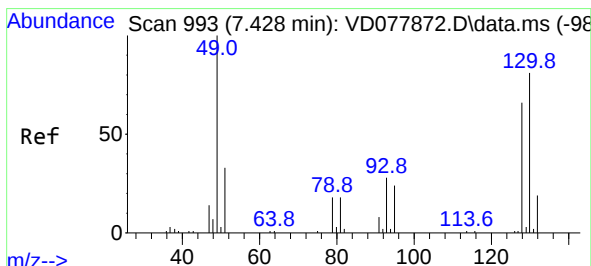
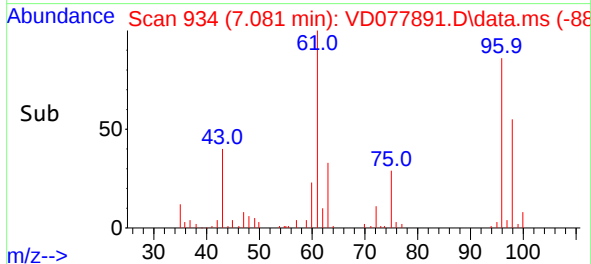
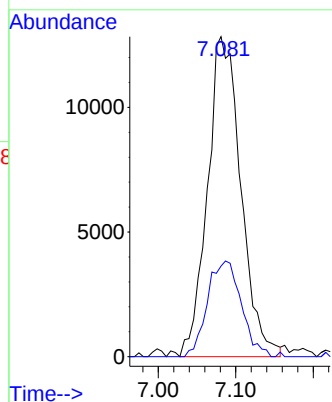
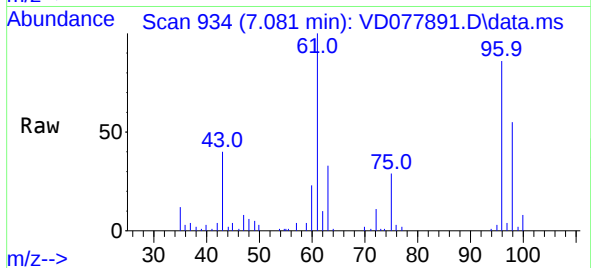




#22
2-Butanone
Concen: 33.220 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

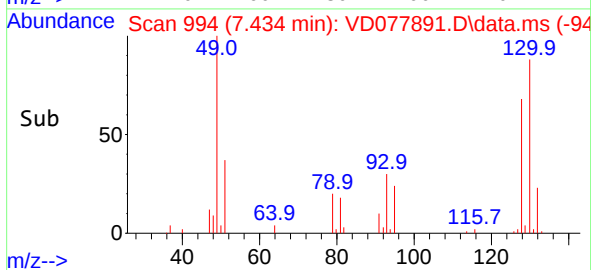
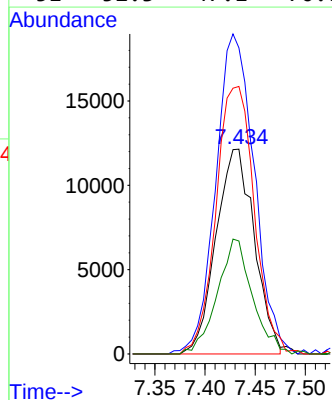
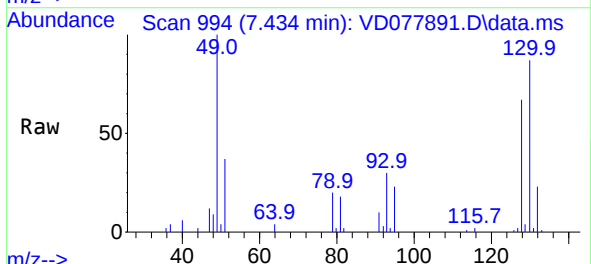
Instrument :
MSVOA_D
ClientSampleId :

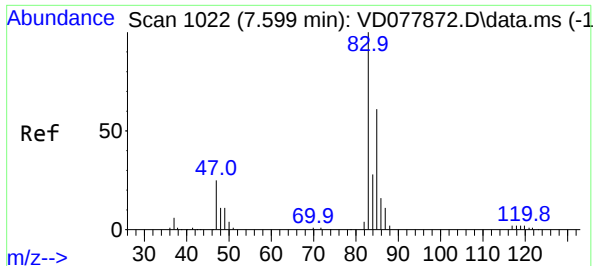
Tgt Ion: 43 Resp: 38460
Ion Ratio Lower Upper
43 100
72 30.2 7.2 21.6#



#23
Bromochloromethane
Concen: 21.097 ug/L
RT: 7.434 min Scan# 994
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 128 Resp: 32245
Ion Ratio Lower Upper
128 100
49 141.6 124.7 231.5
130 123.7 92.3 171.3
51 52.3 47.1 70.7





#25

Chloroform

Concen: 21.192 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077891.D

Acq: 14 Dec 2023 18:41

Instrument :

MSVOA_D

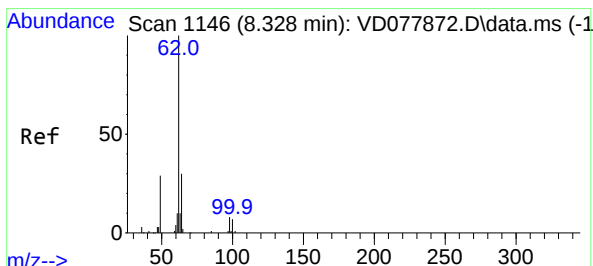
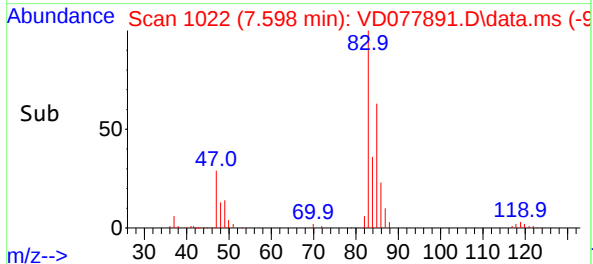
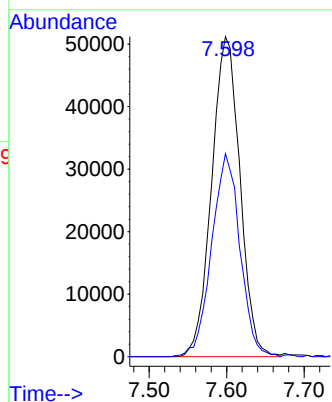
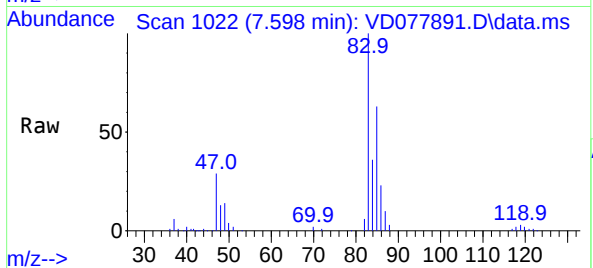
ClientSampleId :

Tgt Ion: 83 Resp: 129905

Ion Ratio Lower Upper

83 100

85 63.5 48.9 90.9



#27

1,2-Dichloroethane

Concen: 20.207 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077891.D

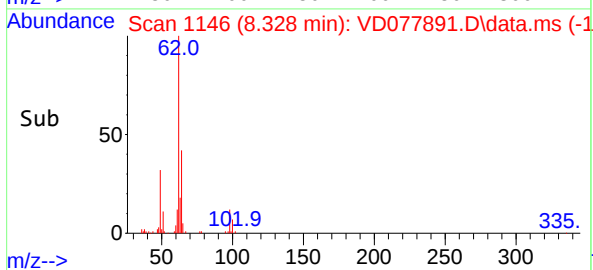
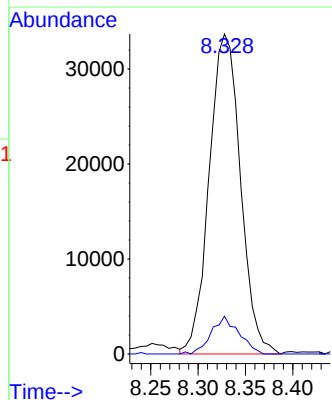
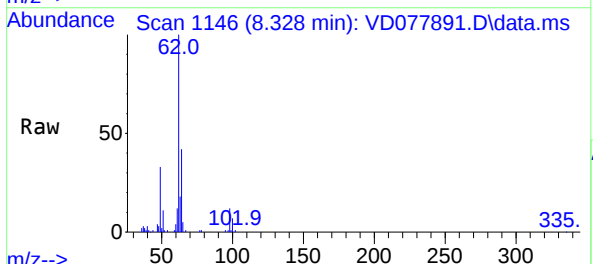
Acq: 14 Dec 2023 18:41

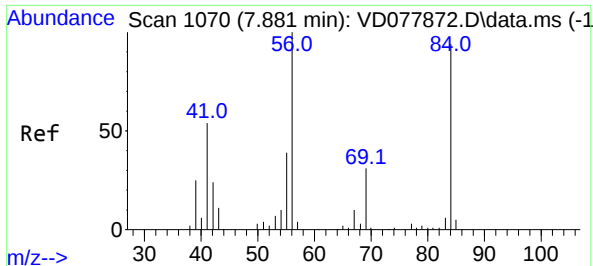
Tgt Ion: 62 Resp: 77480

Ion Ratio Lower Upper

62 100

98 11.8 8.4 12.6





#29

Cyclohexane

Concen: 17.122 ug/L

RT: 7.887 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077891.D

Acq: 14 Dec 2023 18:41

Instrument :

MSVOA_D

ClientSampleId :

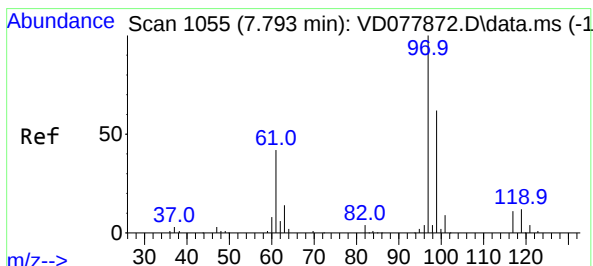
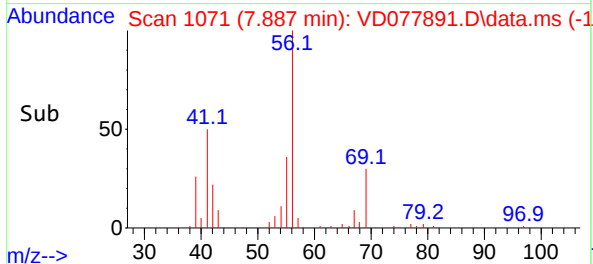
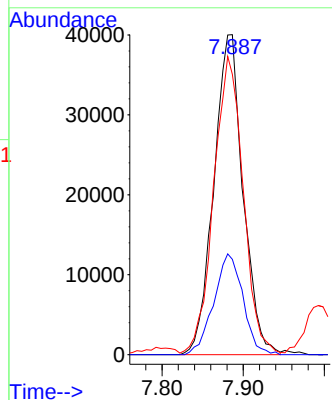
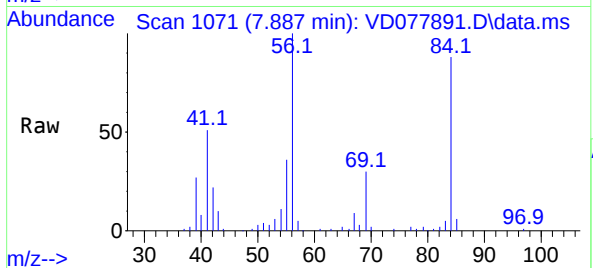
Tgt Ion: 56 Resp: 100058

Ion Ratio Lower Upper

56 100

69 31.5 22.2 33.4

84 93.2 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 19.412 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077891.D

Acq: 14 Dec 2023 18:41

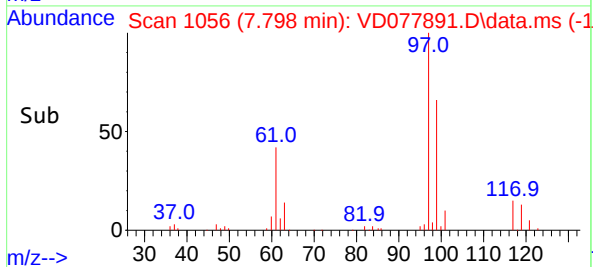
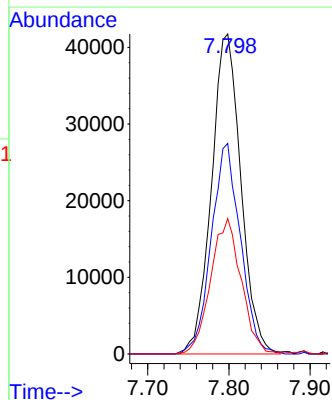
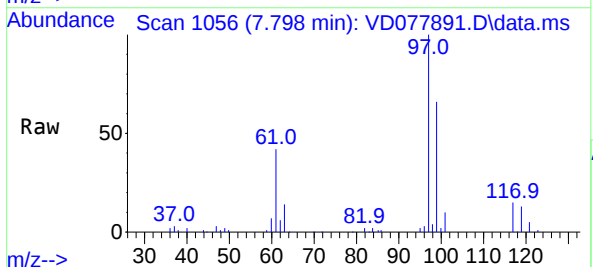
Tgt Ion: 97 Resp: 105191

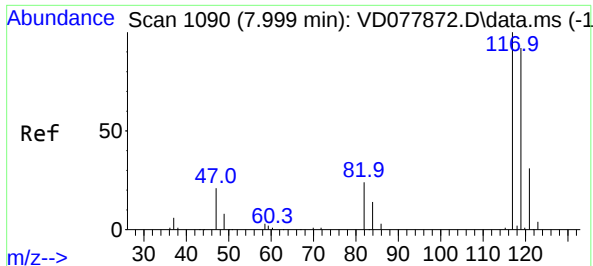
Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.2

61 43.7 35.4 53.2

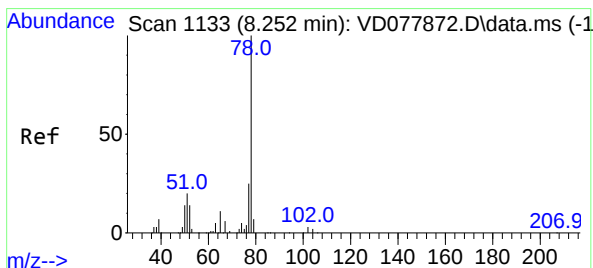
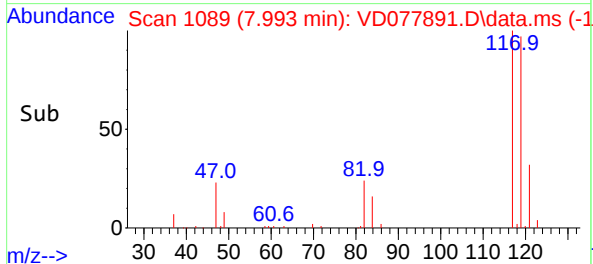
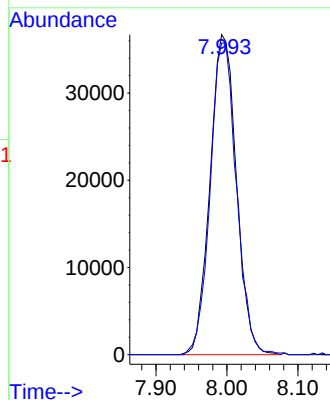
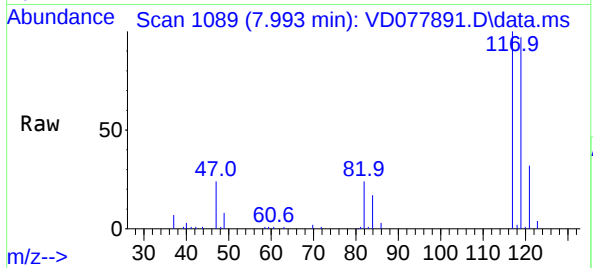




#31
Carbon tetrachloride
Concen: 19.855 ug/L
RT: 7.993 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

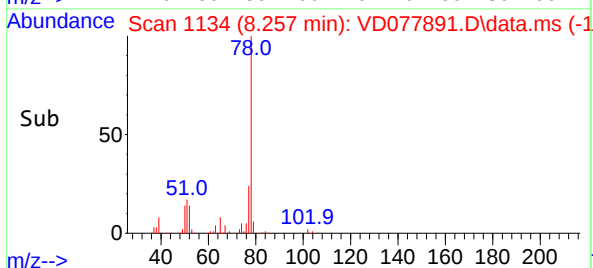
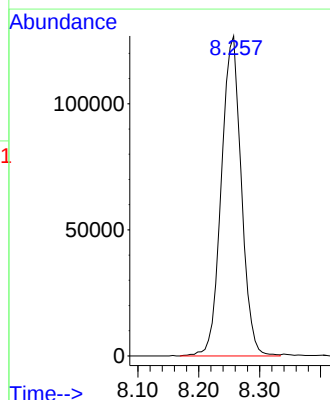
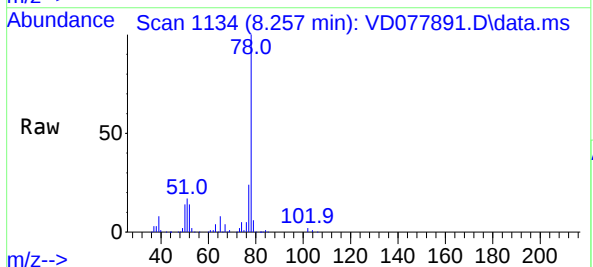
Instrument :
MSVOA_D
ClientSampleId :

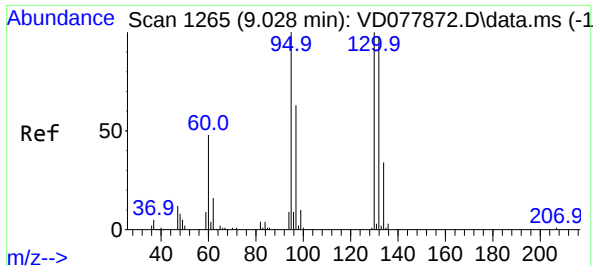
Tgt Ion:117 Resp: 94619
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5



#33
Benzene
Concen: 20.075 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 78 Resp: 289370



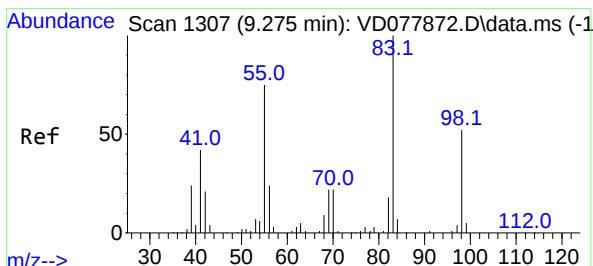
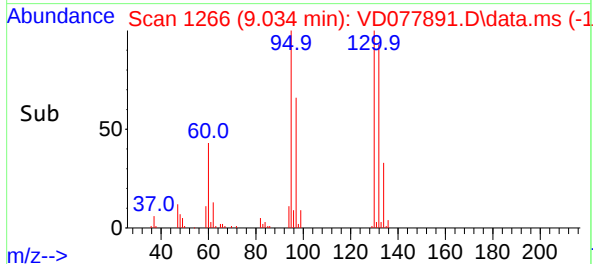
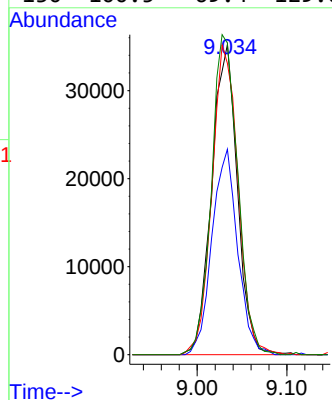
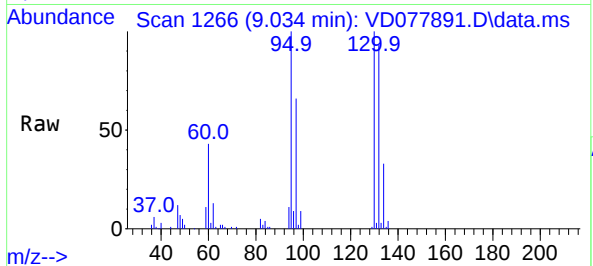


#34
Trichloroethene
Concen: 19.529 ug/L
RT: 9.034 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 69876

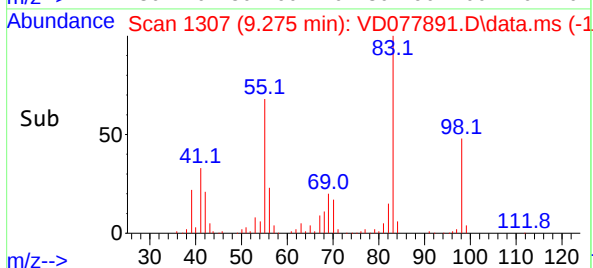
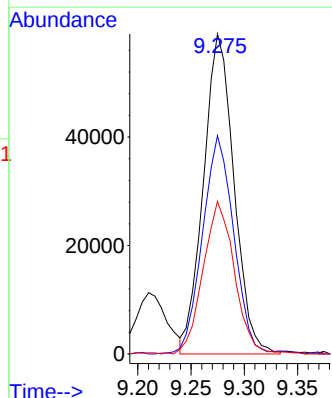
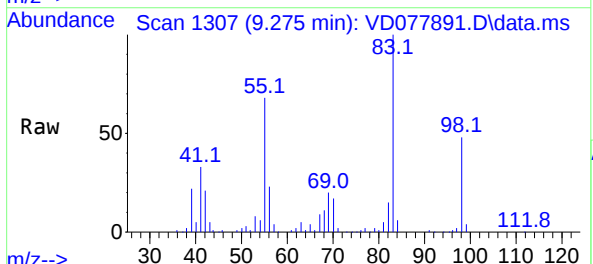
Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.2	82.0
132	94.0	67.5	125.3
130	100.5	69.4	129.0

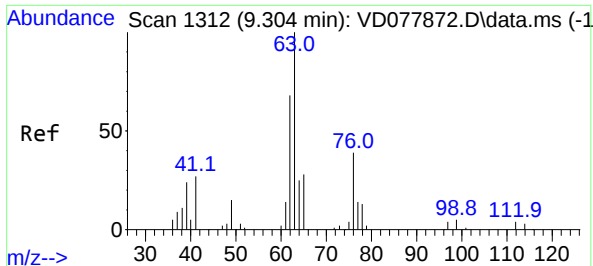


#35
Methylcyclohexane
Concen: 18.547 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 83 Resp: 117813

Ion	Ratio	Lower	Upper
83	100		
55	69.4	59.8	89.6
98	48.6	38.5	57.7

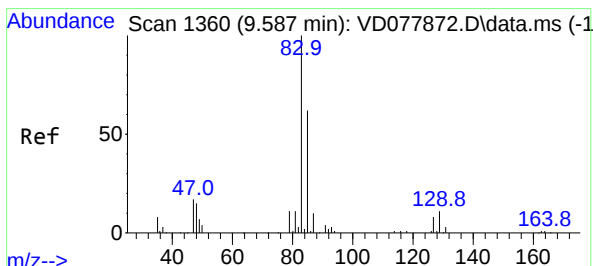
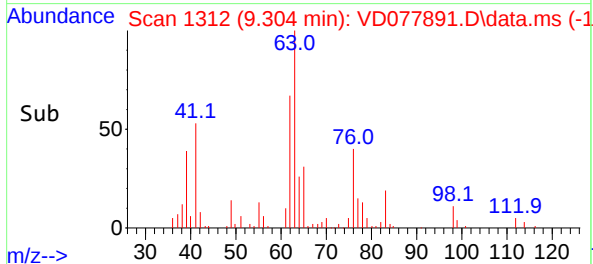
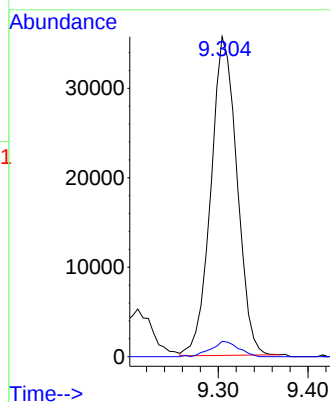
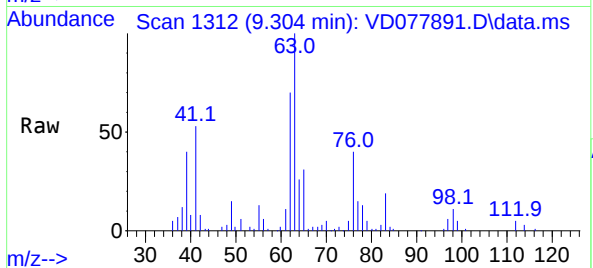




#37
1,2-Dichloropropane
Concen: 19.180 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

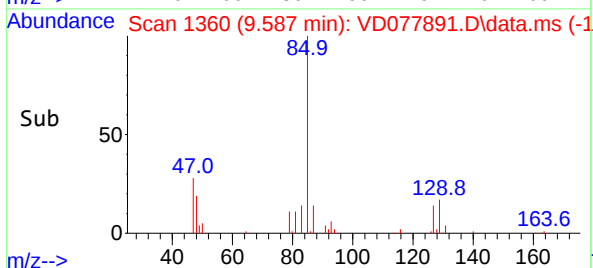
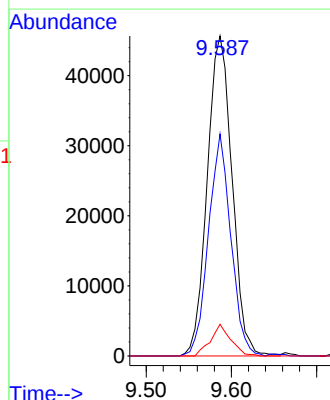
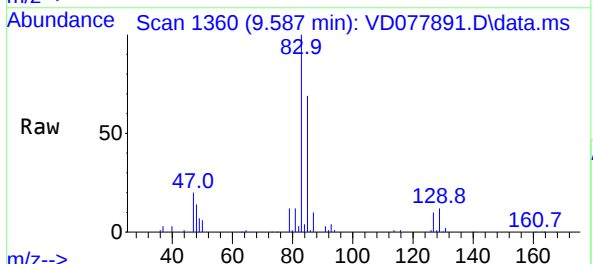
Instrument :
MSVOA_D
ClientSampleId :

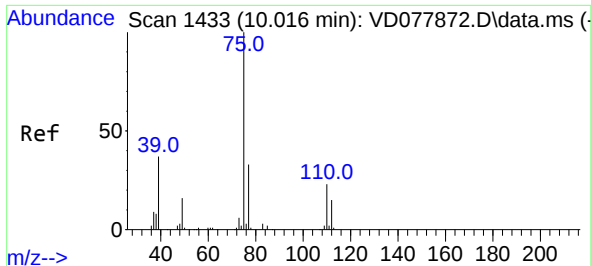
Tgt Ion: 63 Resp: 72081
Ion Ratio Lower Upper
63 100
112 5.0 3.5 5.3



#38
Bromodichloromethane
Concen: 20.267 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 83 Resp: 92621
Ion Ratio Lower Upper
83 100
85 69.4 45.5 84.5
127 9.9 7.4 11.2

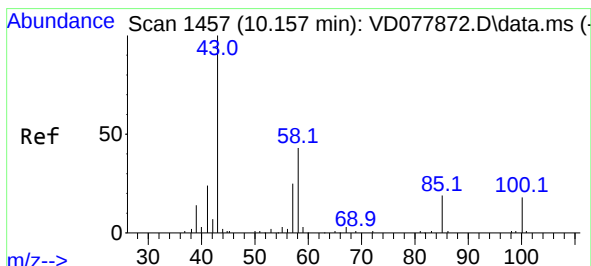
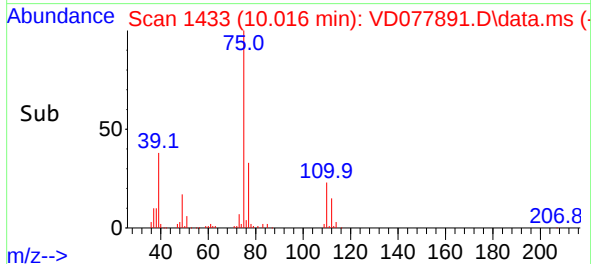
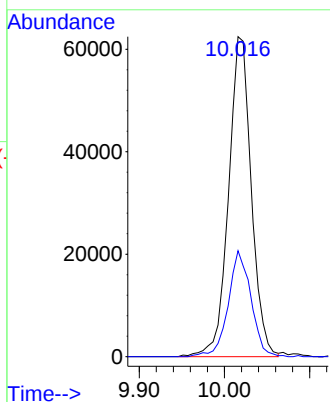
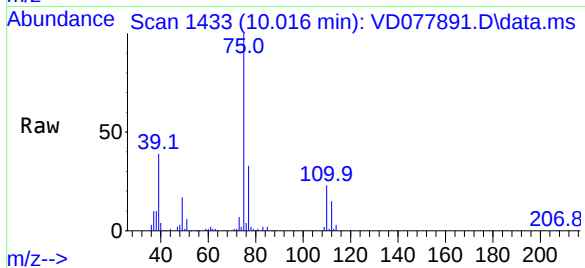




#39
cis-1,3-Dichloropropene
Concen: 19.715 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

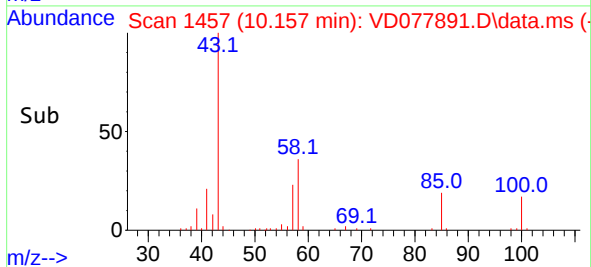
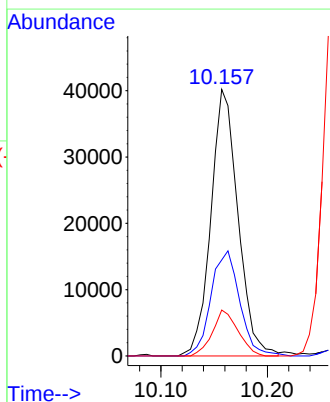
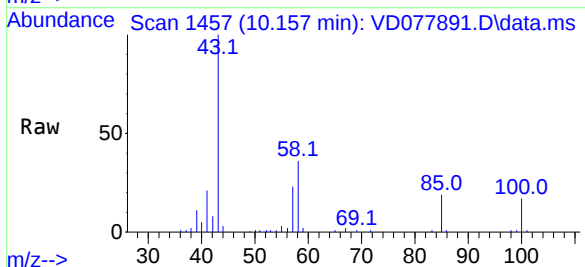
Instrument :
MSVOA_D
ClientSampleId :

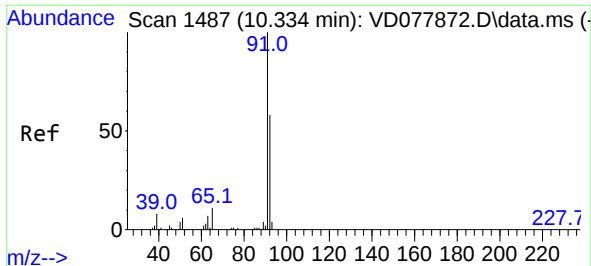
Tgt Ion: 75 Resp: 115704
Ion Ratio Lower Upper
75 100
77 33.1 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 34.302 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion: 43 Resp: 71137
Ion Ratio Lower Upper
43 100
58 41.7 31.0 46.4
100 16.3 11.9 17.9

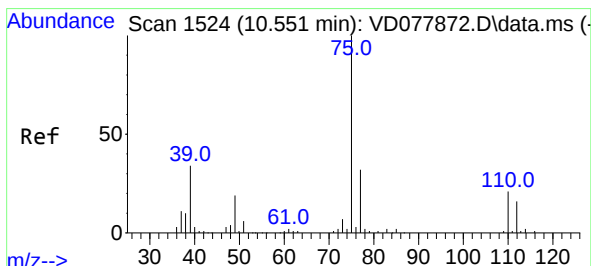
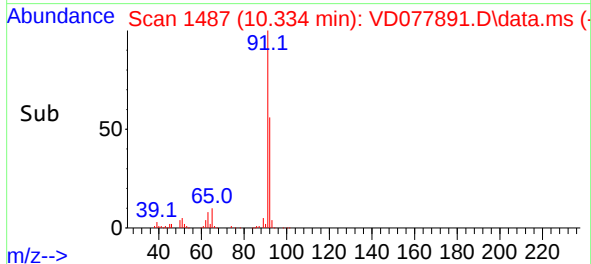
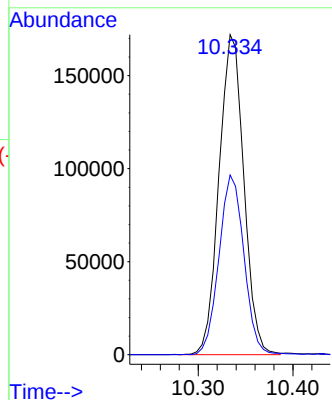
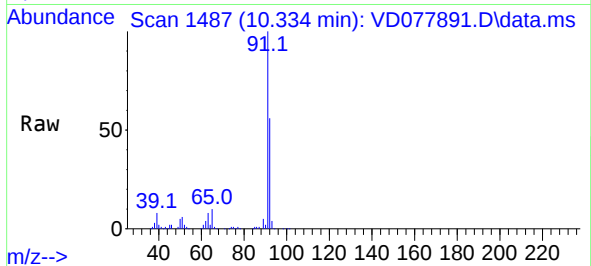




#42
Toluene
Concen: 20.444 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

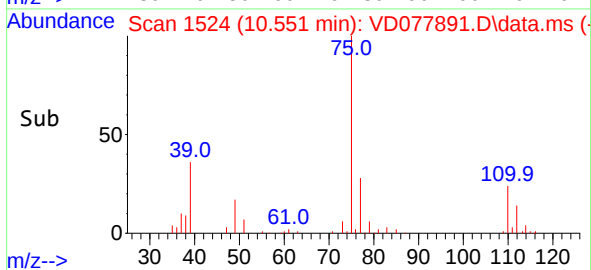
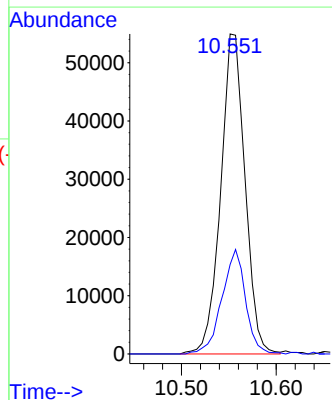
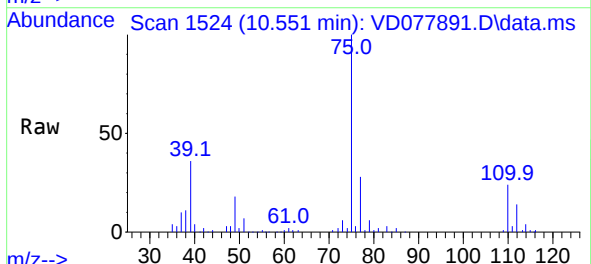
Instrument :
MSVOA_D
ClientSampleId :

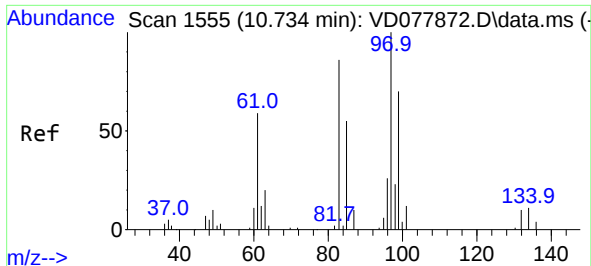
Tgt Ion: 91 Resp: 313004
Ion Ratio Lower Upper
91 100
92 56.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 20.017 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

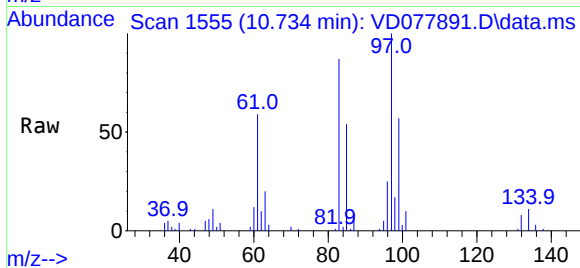
Tgt Ion: 75 Resp: 98121
Ion Ratio Lower Upper
75 100
77 27.9 22.0 40.8





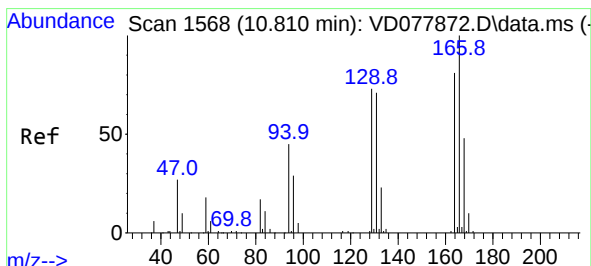
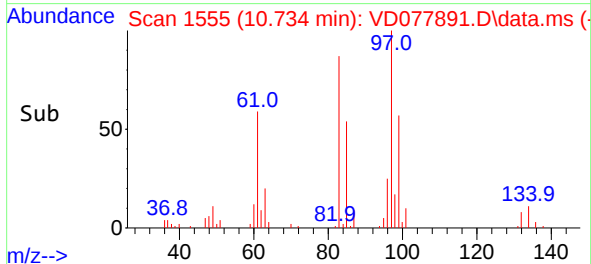
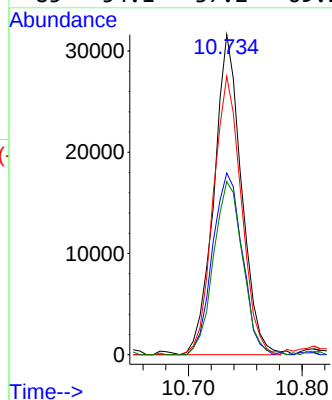
#45
1,1,2-Trichloroethane
Concen: 21.084 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 53217

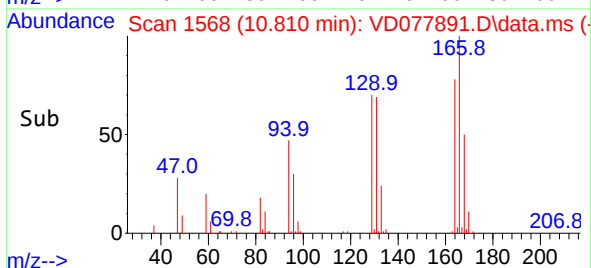
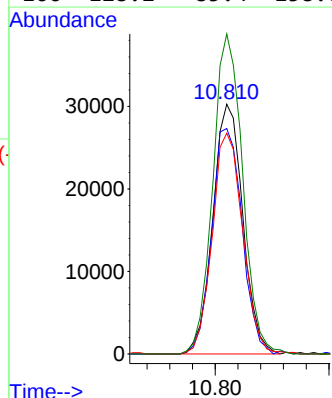
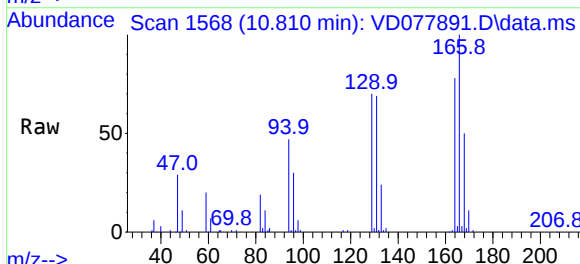
Ion	Ratio	Lower	Upper
97	100		
99	56.7	41.7	77.5
83	87.0	63.6	118.2
85	54.1	37.2	69.2

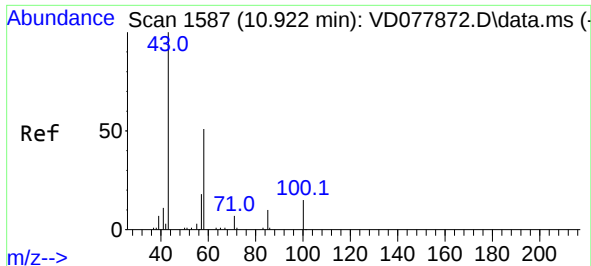


#46
Tetrachloroethene
Concen: 19.213 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:164 Resp: 55433

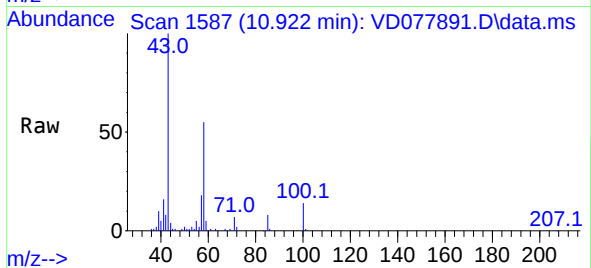
Ion	Ratio	Lower	Upper
164	100		
129	90.3	61.5	114.3
131	88.4	59.1	109.9
166	128.2	85.4	158.6



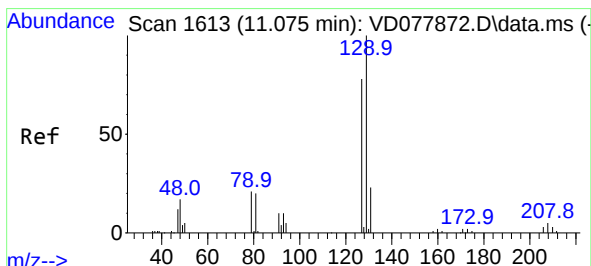
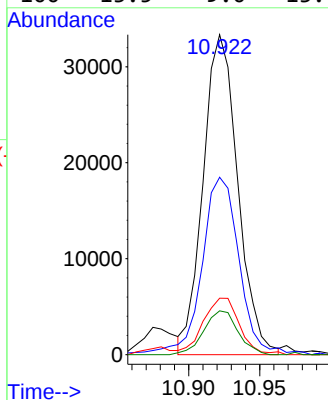
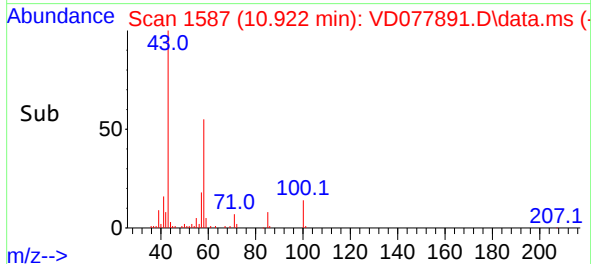


#48
2-Hexanone
Concen: 32.138 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

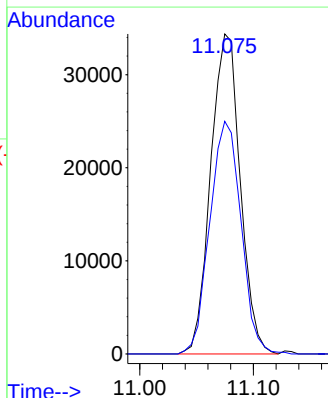
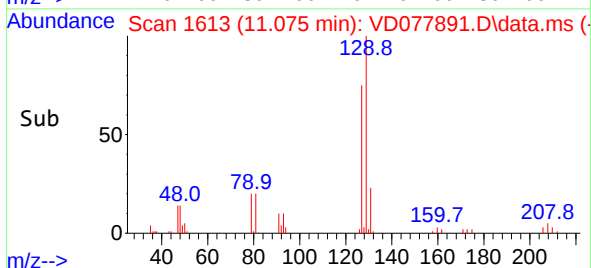
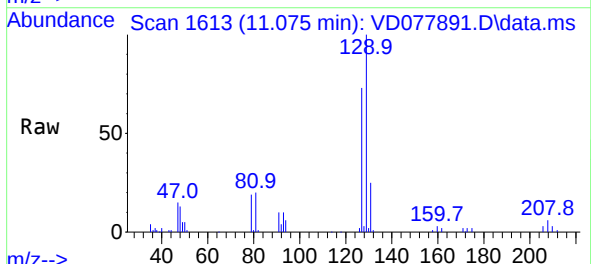


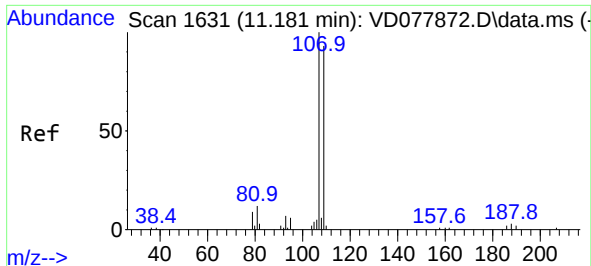
Tgt Ion: 43 Resp: 56651
Ion Ratio Lower Upper
43 100
58 59.4 43.0 64.6
57 18.3 13.8 20.8
100 13.5 9.0 13.4#



#49
Dibromochloromethane
Concen: 20.729 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

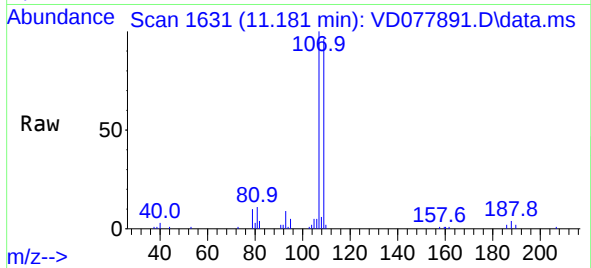
Tgt Ion: 129 Resp: 62210
Ion Ratio Lower Upper
129 100
127 72.7 52.8 98.2



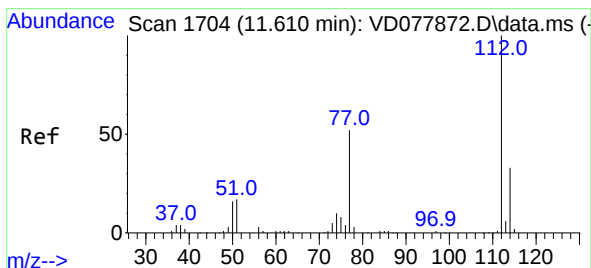
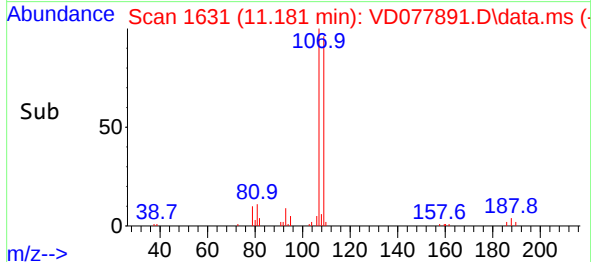
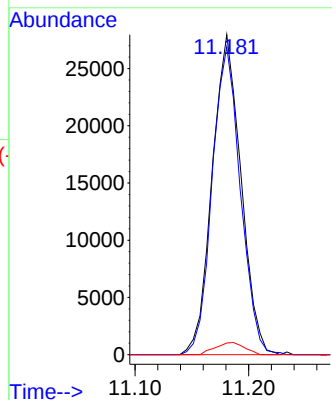


#50
1,2-Dibromoethane
Concen: 20.233 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

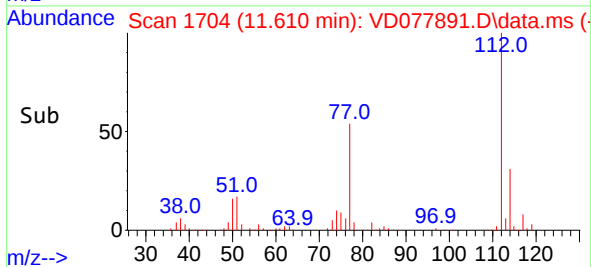
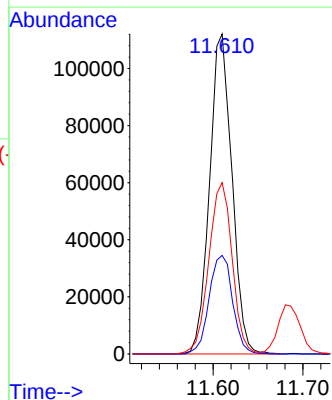
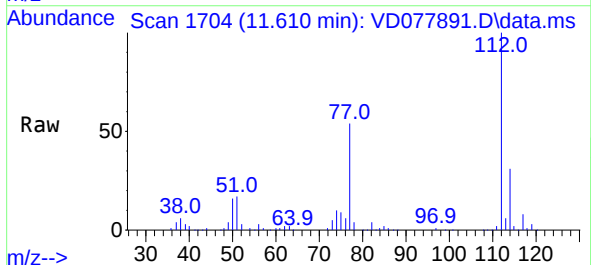


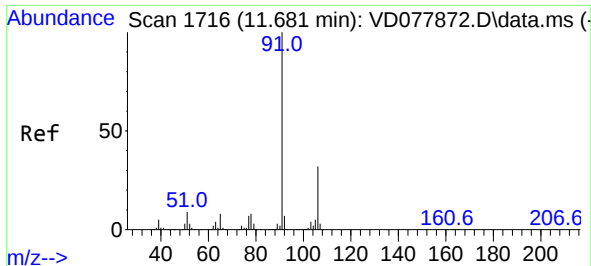
Tgt Ion:107 Resp: 49249
Ion Ratio Lower Upper
107 100
109 96.2 64.2 119.2
188 3.6 2.3 3.5#



#51
Chlorobenzene
Concen: 20.445 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:112 Resp: 194088
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.9
77 53.6 46.4 69.6

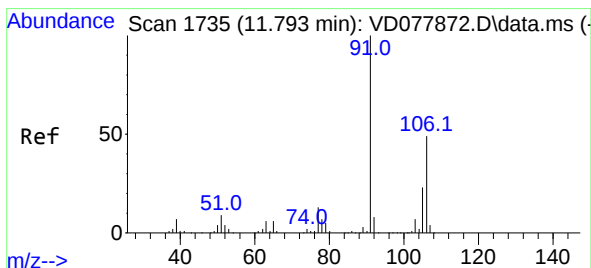
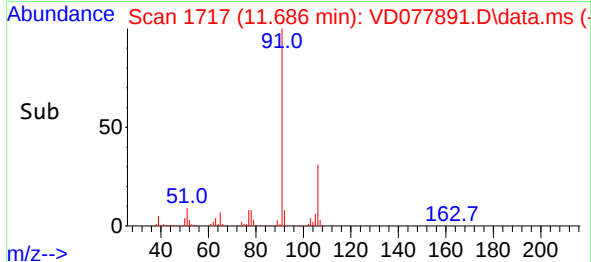
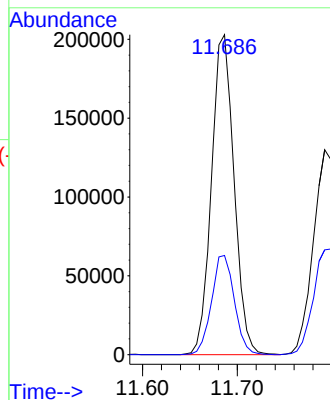
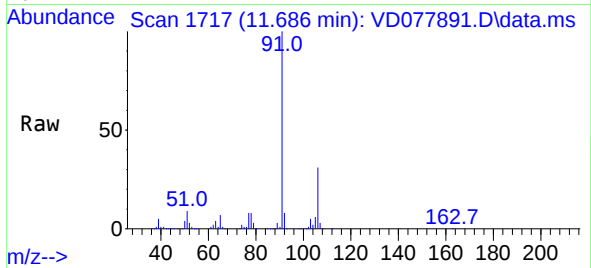




#52
Ethylbenzene
Concen: 19.807 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

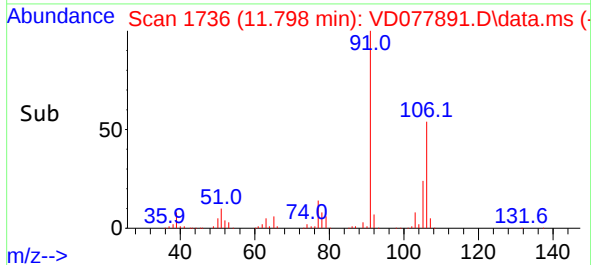
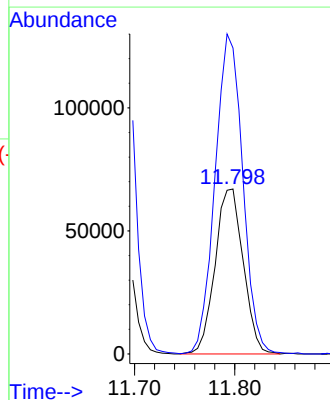
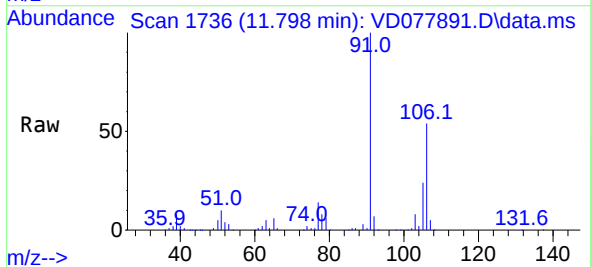
Instrument :
MSVOA_D
ClientSampleId :

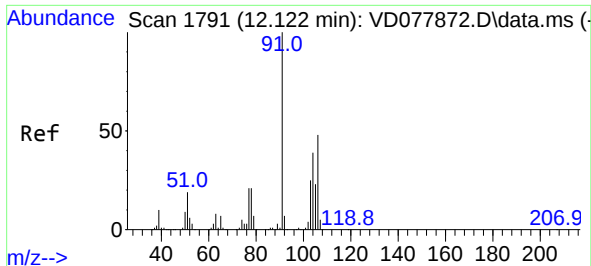
Tgt Ion: 91 Resp: 336165
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 20.405 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:106 Resp: 130853
Ion Ratio Lower Upper
106 100
91 185.5 140.8 261.6

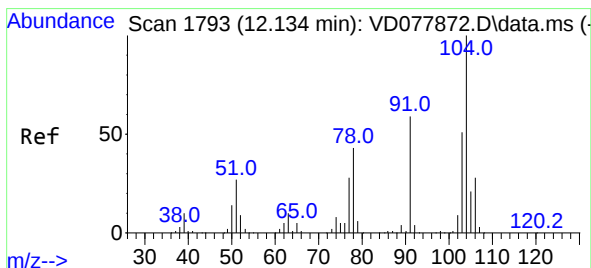
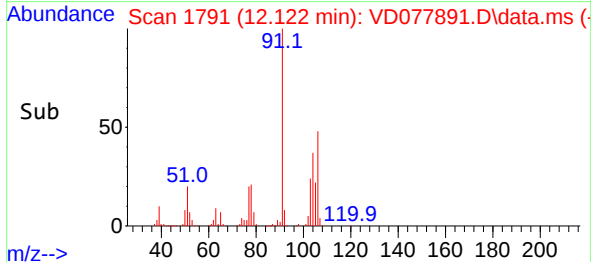
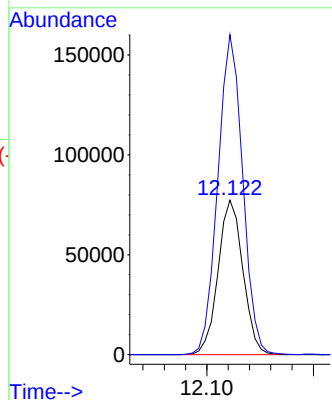
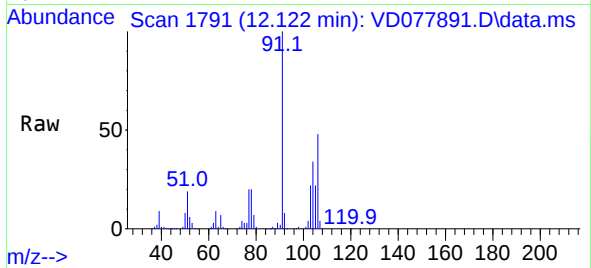




#54
o-Xylene
Concen: 20.409 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

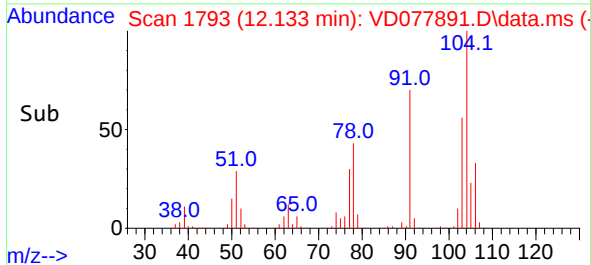
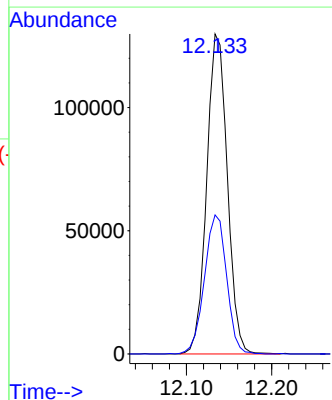
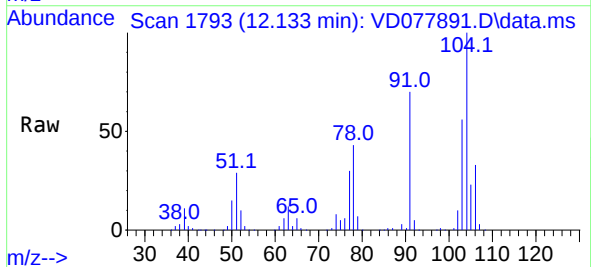
Instrument :
MSVOA_D
ClientSampleId :

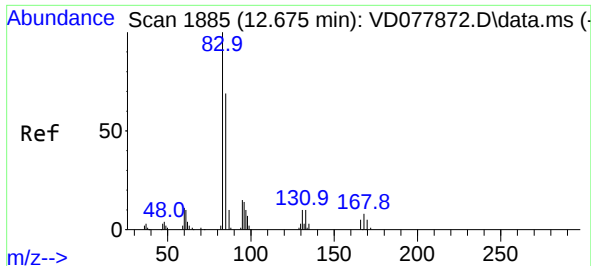
Tgt Ion:106 Resp: 125254
Ion Ratio Lower Upper
106 100
91 207.0 152.2 282.7



#55
Styrene
Concen: 20.332 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:104 Resp: 218348
Ion Ratio Lower Upper
104 100
78 43.5 30.9 57.5

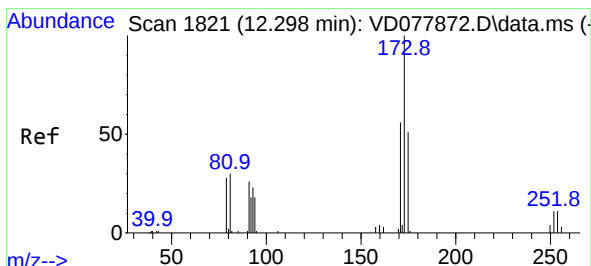
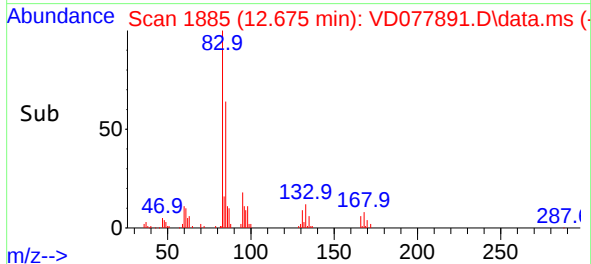
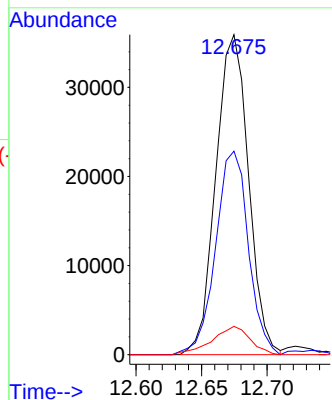
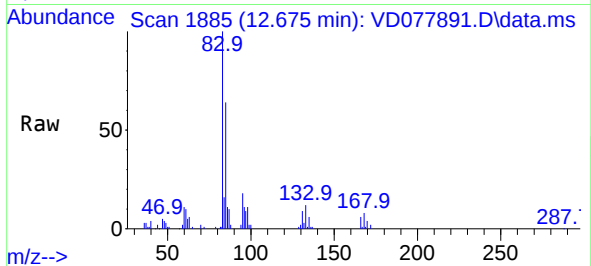




#57
1,1,2,2-Tetrachloroethane
Concen: 20.811 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

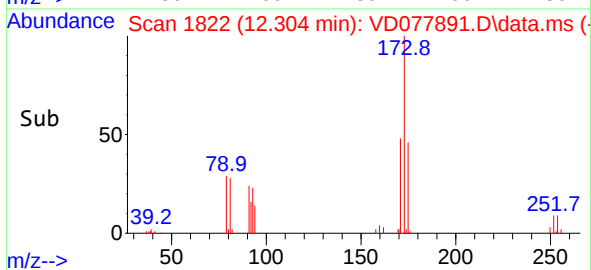
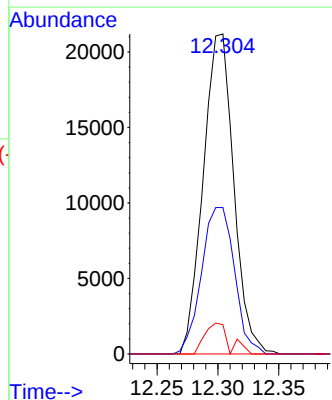
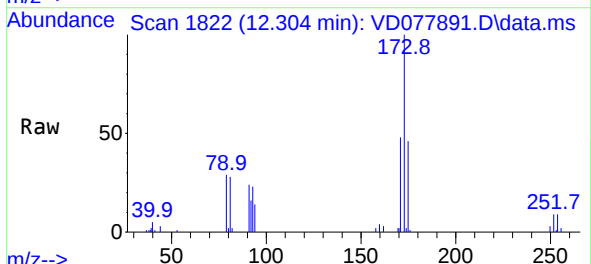
Instrument :
MSVOA_D
ClientSampleId :

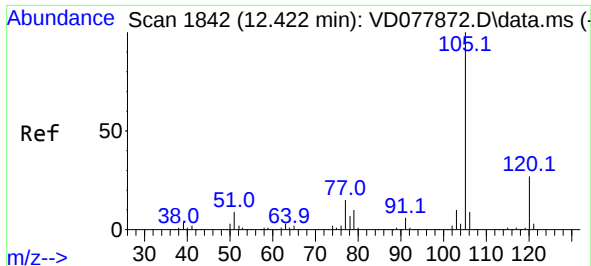
Tgt Ion: 83 Resp: 62238
Ion Ratio Lower Upper
83 100
85 63.6 43.3 80.5
131 8.8 7.3 10.9



#59
Bromoform
Concen: 20.288 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

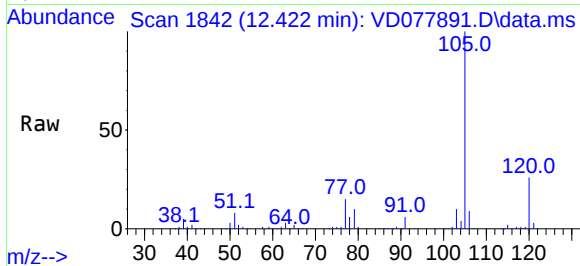
Tgt Ion: 173 Resp: 37051
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 6.3 1.8 2.8



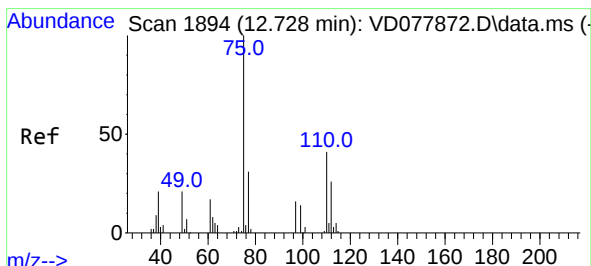
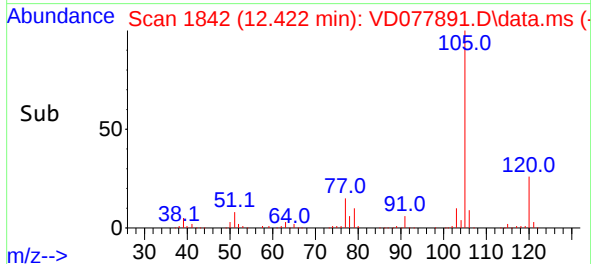
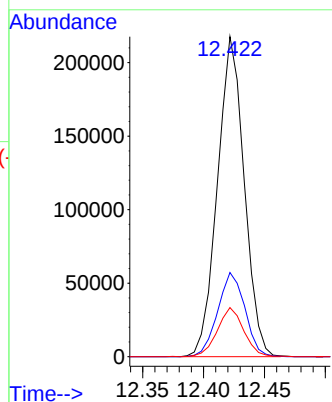


#60
Isopropylbenzene
Concen: 20.200 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

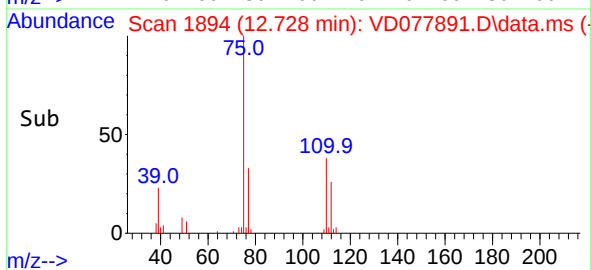
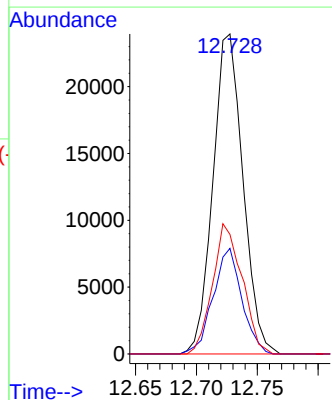
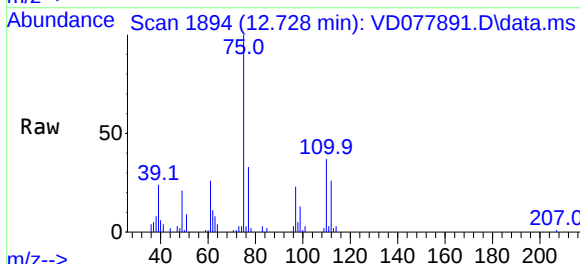


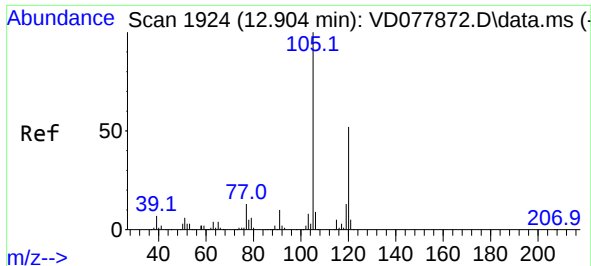
Tgt Ion:105 Resp: 332788
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 20.238 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

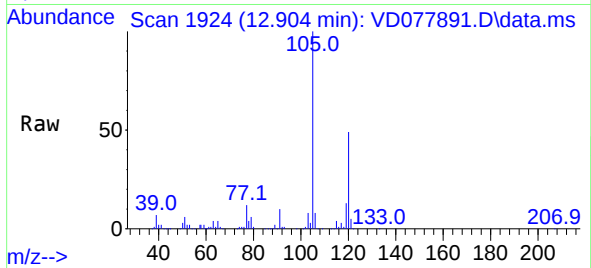
Tgt Ion: 75 Resp: 41088
Ion Ratio Lower Upper
75 100
77 31.6 26.8 40.2
110 40.1 33.4 50.2



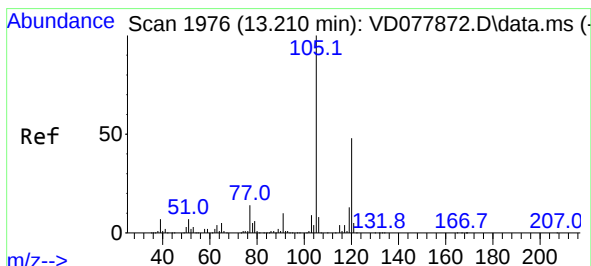
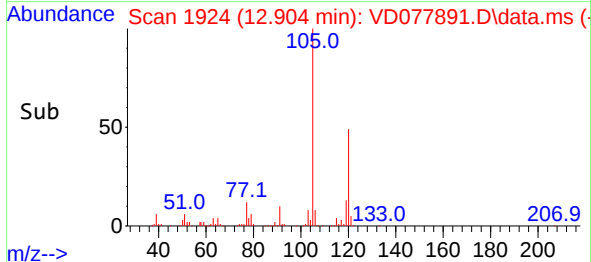
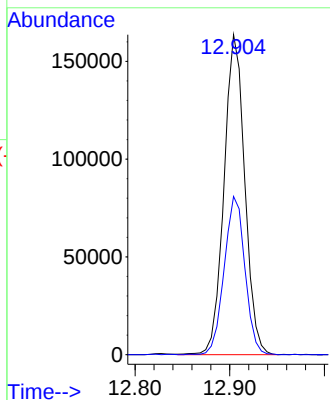


#62
1,3,5-Trimethylbenzene
Concen: 20.137 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

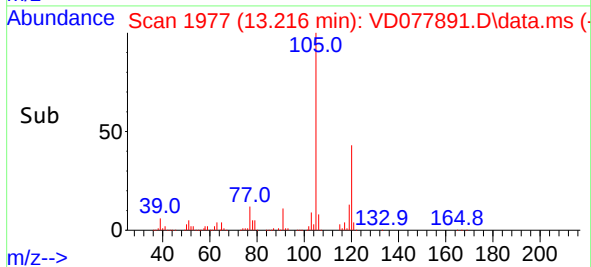
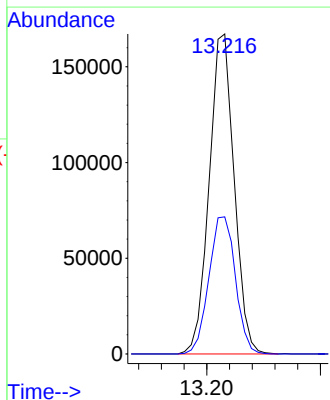
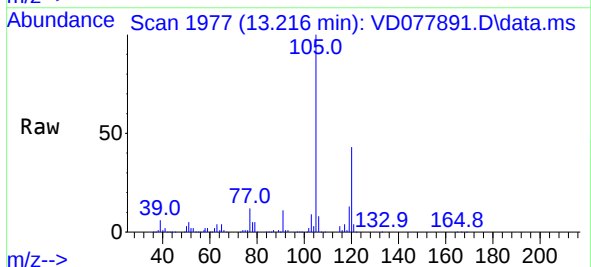


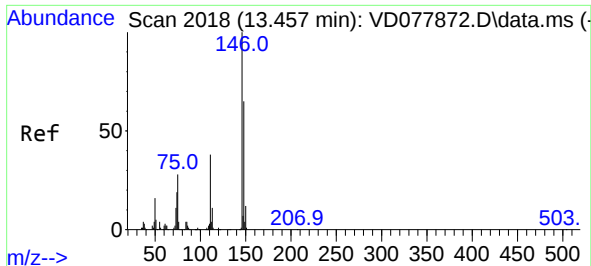
Tgt Ion:105 Resp: 249166
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 20.355 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:105 Resp: 255379
Ion Ratio Lower Upper
105 100
120 45.5 37.1 55.7

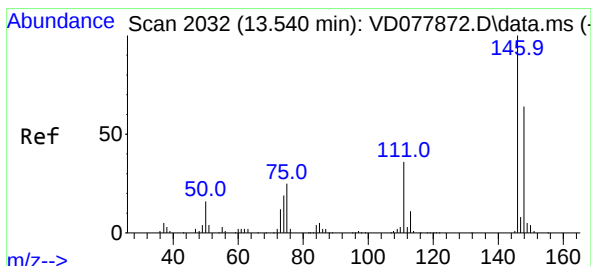
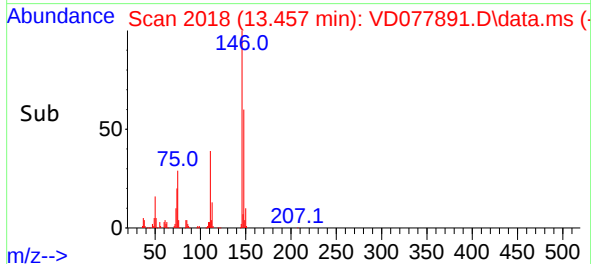
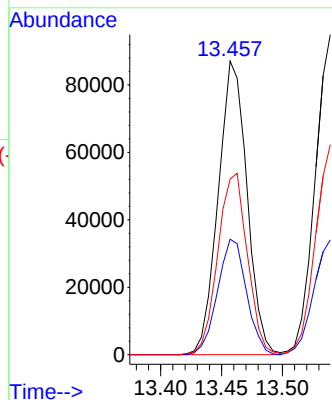
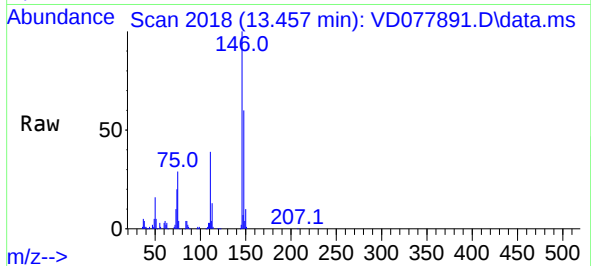




#64
1,3-Dichlorobenzene
Concen: 20.156 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

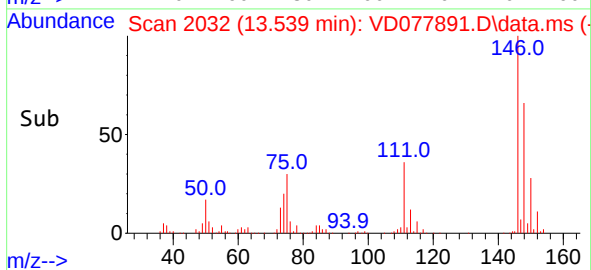
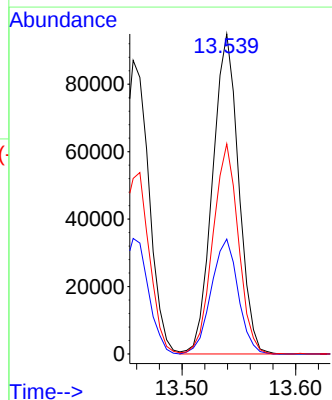
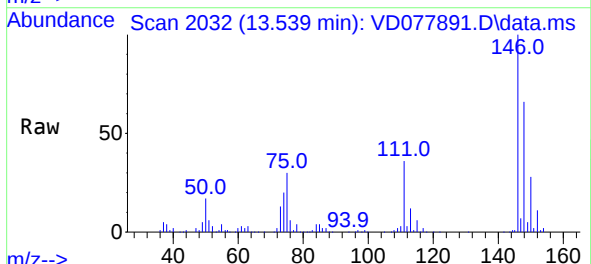
Instrument :
MSVOA_D
ClientSampleId :

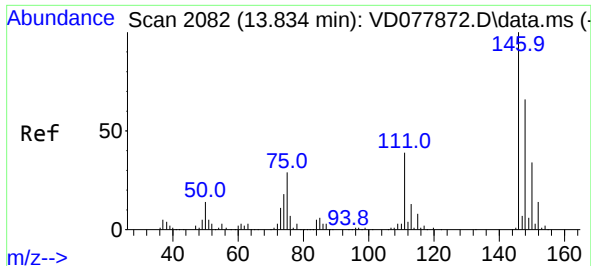
Tgt Ion:146 Resp: 143610
Ion Ratio Lower Upper
146 100
111 39.3 26.6 49.4
148 59.8 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 20.468 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:146 Resp: 151327
Ion Ratio Lower Upper
146 100
111 35.9 26.4 49.0
148 65.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 20.219 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077891.D

Acq: 14 Dec 2023 18:41

Instrument :

MSVOA_D

ClientSampleId :

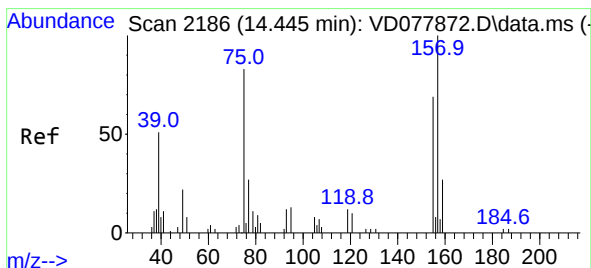
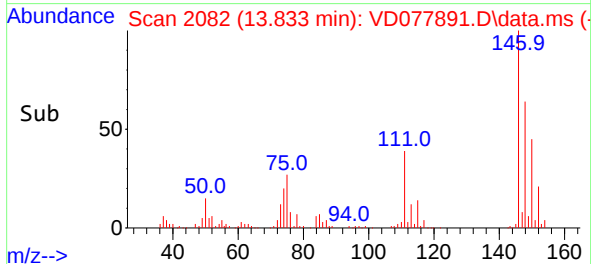
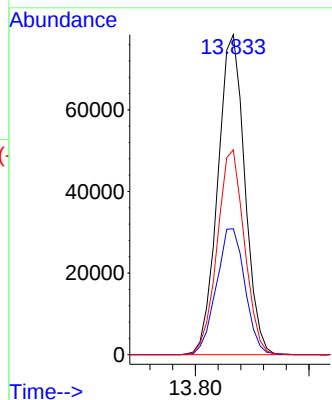
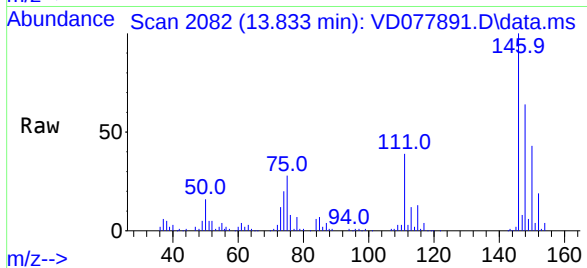
Tgt Ion:146 Resp: 129626

Ion Ratio Lower Upper

146 100

111 39.3 31.4 47.2

148 64.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.016 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077891.D

Acq: 14 Dec 2023 18:41

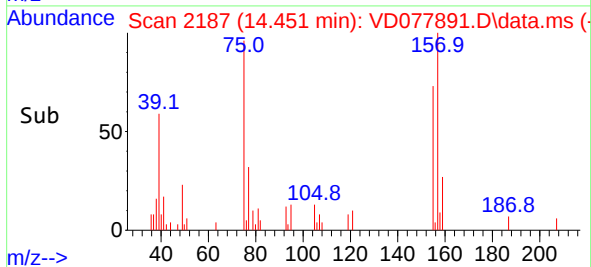
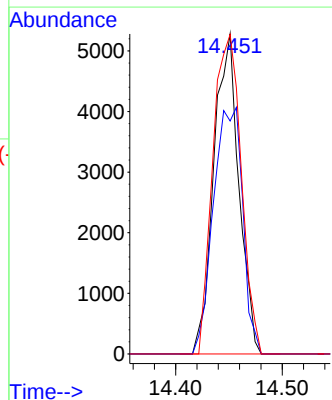
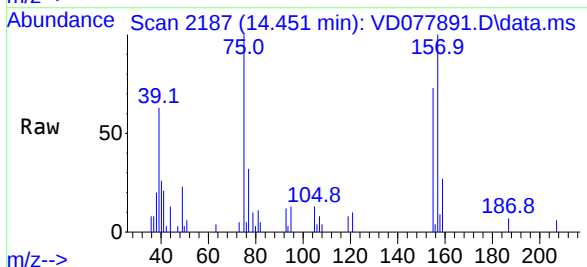
Tgt Ion: 75 Resp: 8625

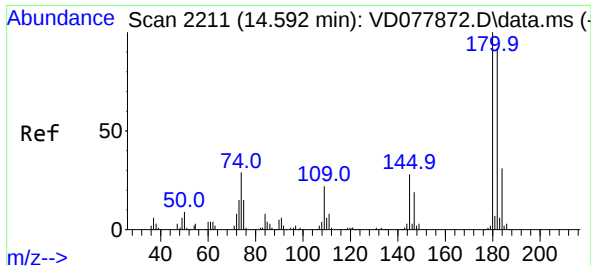
Ion Ratio Lower Upper

75 100

155 72.8 69.2 103.8

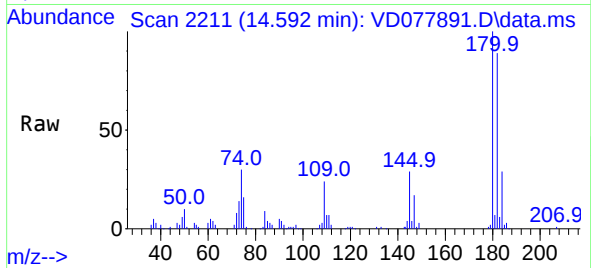
157 99.8 86.6 130.0



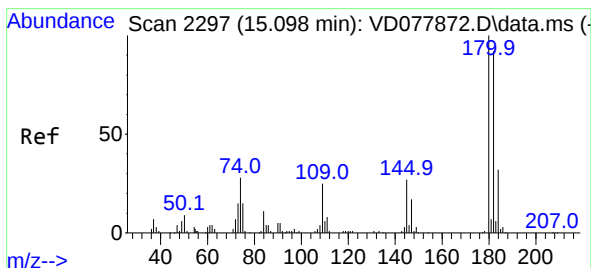
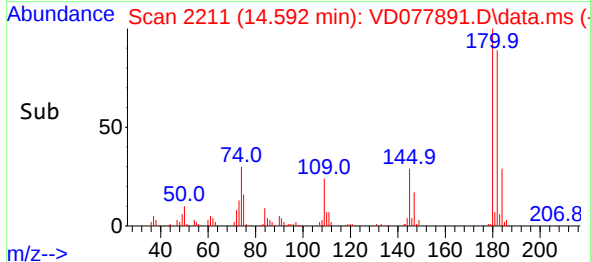
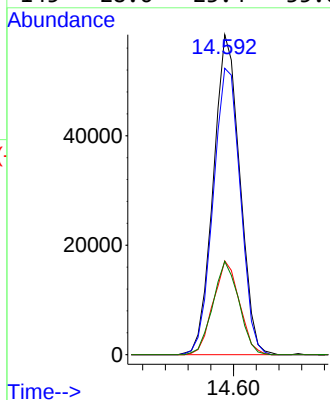


#69
1,3,5-Trichlorobenzene
Concen: 19.519 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

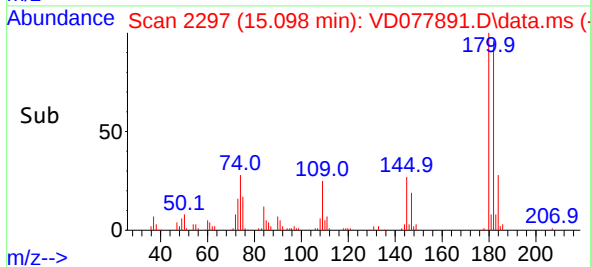
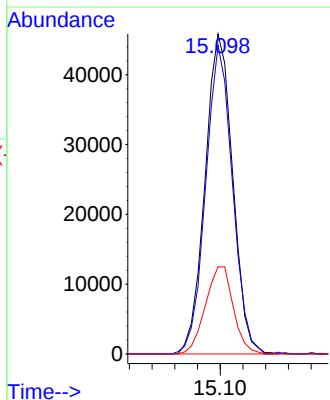
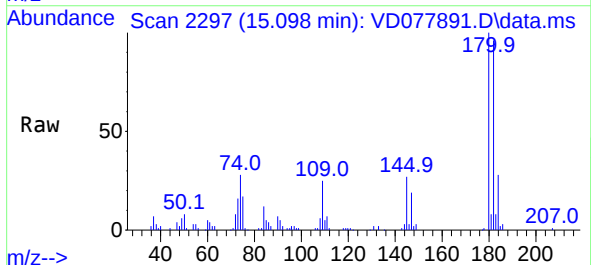


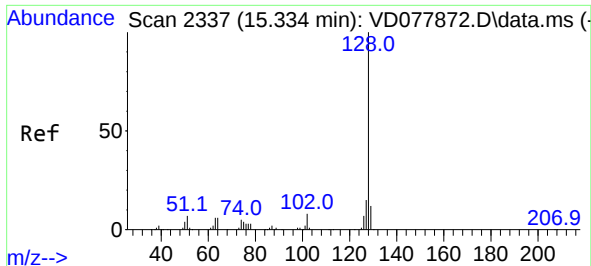
Tgt Ion:180 Resp: 94697
Ion Ratio Lower Upper
180 100
182 91.7 77.0 115.4
184 29.0 24.3 36.5
145 28.6 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 18.807 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:180 Resp: 77458
Ion Ratio Lower Upper
180 100
182 93.6 77.0 115.6
145 27.5 23.9 35.9

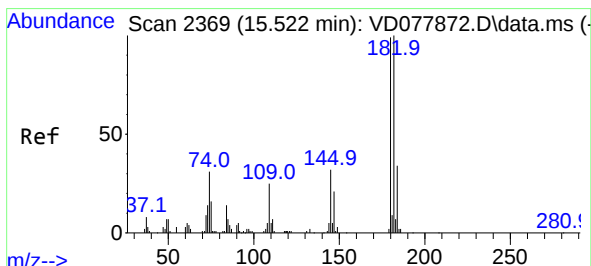
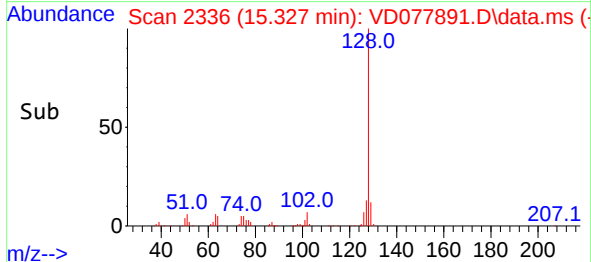
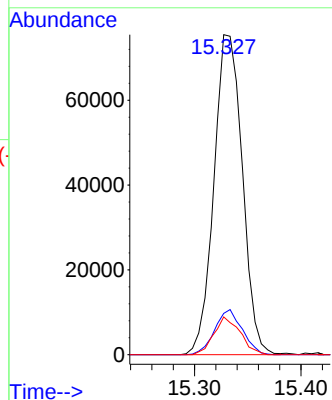
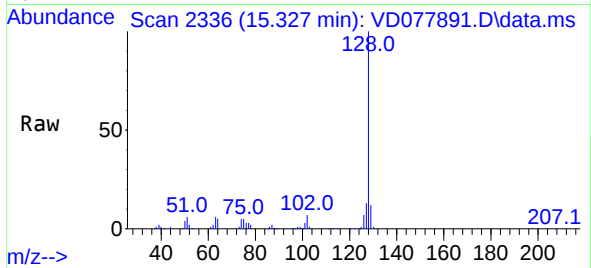




#71
Naphthalene
Concen: 18.561 ug/L
RT: 15.327 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 139761
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 18.529 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077891.D
Acq: 14 Dec 2023 18:41

Tgt Ion:180 Resp: 66902
Ion Ratio Lower Upper
180 100
182 96.7 77.3 115.9
145 32.1 25.2 37.8

