

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077766.D
 Acq On : 06 Dec 2023 17:14
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:33:42 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	284779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	267338	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	127608	16.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
7) Chloroethane-d5	2.811	69	117246	18.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.760%
11) 1,1-Dichloroethene-d2	3.928	65	35960	17.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.440%
21) 2-Butanone-d5	6.987	46	38490	39.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.420%
24) Chloroform-d	7.575	84	177078	23.071	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.280%
26) 1,2-Dichloroethane-d4	8.234	65	83076	21.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.440%
32) Benzene-d6	8.205	84	346903	21.546	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	9.216	67	102963	20.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.840%
41) Toluene-d8	10.269	98	322097	21.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.528	79	46216	21.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.080%
47) 2-Hexanone-d5	10.875	63	34731	41.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80978	22.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	110015	23.107	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99956	21.987	ug/L	100
3) Chloromethane	2.152	50	123189	18.861	ug/L	99
5) Vinyl chloride	2.287	62	168496	20.711	ug/L	95
6) Bromomethane	2.699	94	76420	17.732	ug/L	100
8) Chloroethane	2.846	64	111323	21.922	ug/L	98
9) Trichlorofluoromethane	3.187	101	157754	22.736	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	100116	24.459	ug/L	97
12) 1,1-Dichloroethene	3.946	96	89910	23.210	ug/L	85
13) Acetone	4.028	43	46410	36.905	ug/L	95
14) Carbon disulfide	4.275	76	300218	21.869	ug/L	99
15) Methyl Acetate	4.569	43	34068	18.924	ug/L	96
16) Methylene chloride	4.805	84	105178	20.800	ug/L	97
17) trans-1,2-Dichloroethene	5.322	96	94581	23.417	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	188674	21.191	ug/L	99
19) 1,1-Dichloroethane	6.116	63	174275	22.894	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	105179	23.434	ug/L	95
22) 2-Butanone	7.087	43	54068	38.200	ug/L	# 61
23) Bromochloromethane	7.428	128	44931	24.046	ug/L	85
25) Chloroform	7.599	83	175149	23.371	ug/L	93

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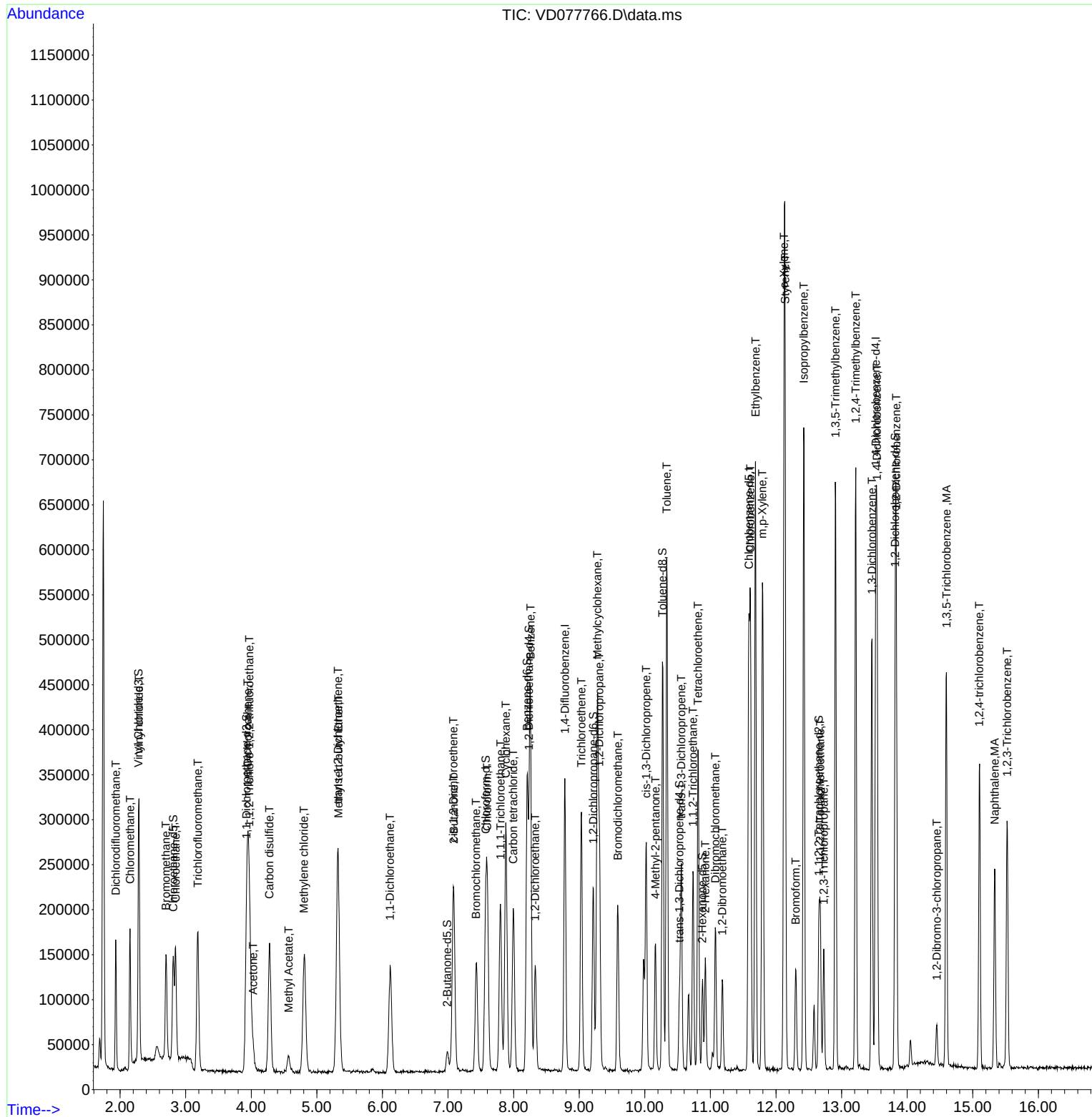
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27) 1,2-Dichloroethane	8.328	62	106402	22.698	ug/L	97
29) Cyclohexane	7.881	56	150235	21.296	ug/L	92
30) 1,1,1-Trichloroethane	7.799	97	155218	23.728	ug/L	99
31) Carbon tetrachloride	7.993	117	138216	24.026	ug/L	98
33) Benzene	8.258	78	398941	22.927	ug/L	100
34) Trichloroethene	9.034	95	102661	23.768	ug/L	99
35) Methylcyclohexane	9.275	83	171721	22.394	ug/L	96
37) 1,2-Dichloropropane	9.305	63	101453	22.362	ug/L	99
38) Bromodichloromethane	9.587	83	127501	23.111	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	157647	22.251	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	94415	37.713	ug/L	95
42) Toluene	10.334	91	432825	23.419	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	133372	22.538	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	72230	23.706	ug/L	98
46) Tetrachloroethene	10.810	164	82274	23.622	ug/L	98
48) 2-Hexanone	10.922	43	77647	36.489	ug/L	95
49) Dibromochloromethane	11.075	129	81040	22.369	ug/L	93
50) 1,2-Dibromoethane	11.181	107	67443	22.952	ug/L	97
51) Chlorobenzene	11.610	112	272575	23.784	ug/L	96
52) Ethylbenzene	11.687	91	482172	23.534	ug/L	100
53) m,p-Xylene	11.793	106	182662	23.595	ug/L	99
54) o-Xylene	12.122	106	175353	23.668	ug/L	92
55) Styrene	12.140	104	308123	23.767	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	79589	22.045	ug/L	98
59) Bromoform	12.298	173	50949	23.137	ug/L #	99
60) Isopropylbenzene	12.422	105	479056	24.116	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	53113	21.696	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	354190	23.739	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	368502	24.359	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	205880	23.965	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	211883	23.768	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	186337	24.104	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	10406	18.027	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	139045	23.769	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	111256	22.403	ug/L	99
71) Naphthalene	15.334	128	195895	21.576	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	97411	22.375	ug/L	98

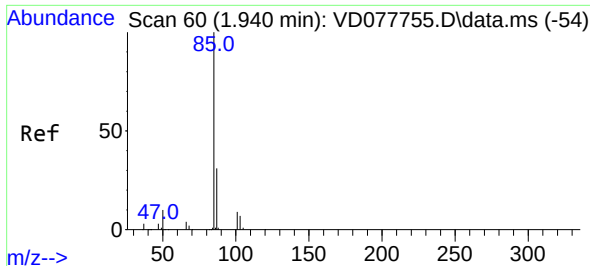
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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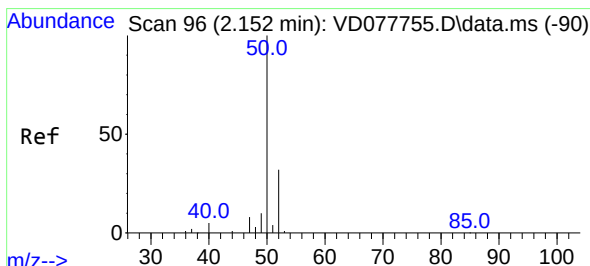
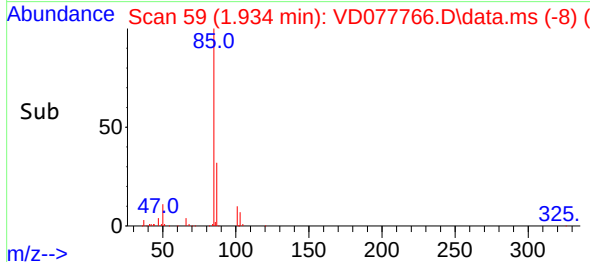
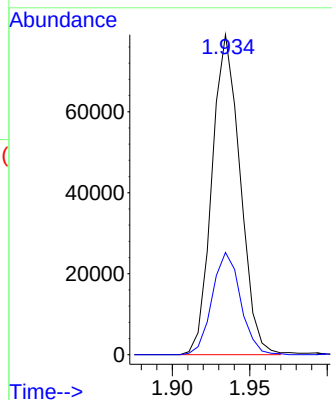
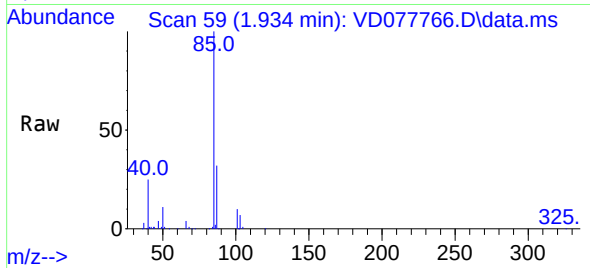




#2
Dichlorodifluoromethane
Concen: 21.987 ug/L
RT: 1.934 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

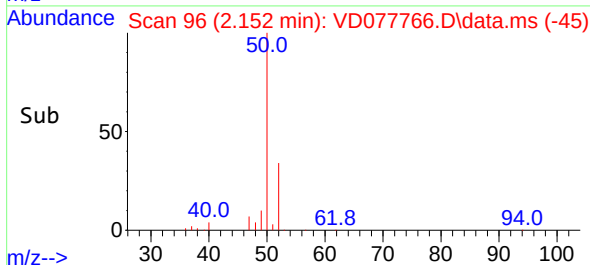
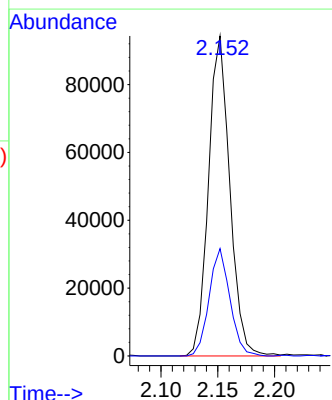
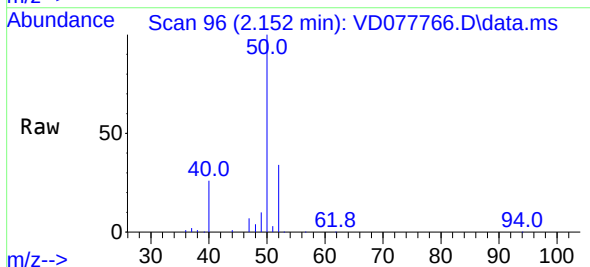
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MSVOA_D
ClientSampleId :

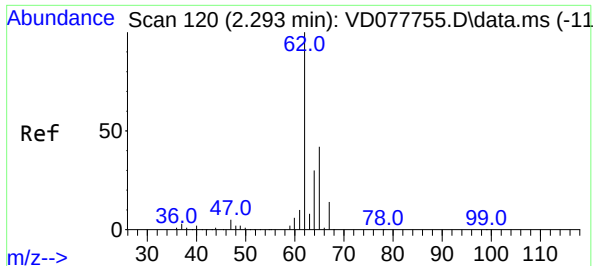
Tgt Ion: 85 Resp: 99956
Ion Ratio Lower Upper
85 100
87 32.2 25.6 38.4



#3
Chloromethane
Concen: 18.861 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 50 Resp: 123189
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

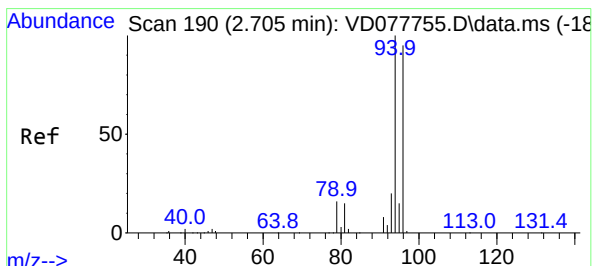
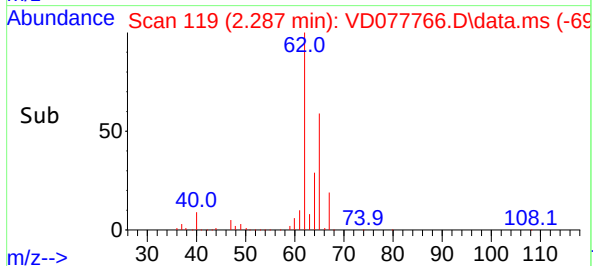
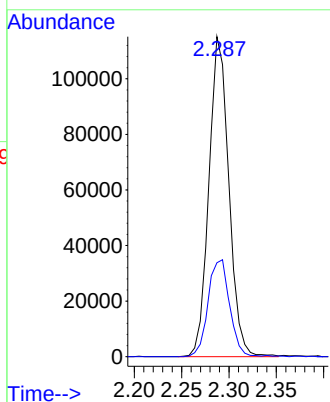
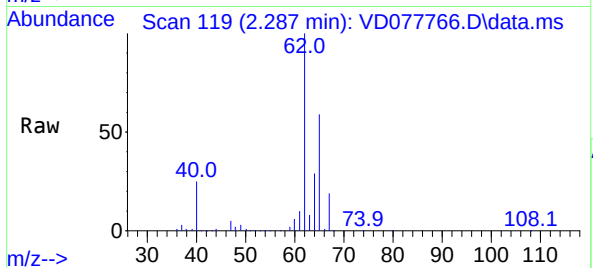




#5
 Vinyl chloride
 Concen: 20.711 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077766.D
 Acq: 06 Dec 2023 17:14

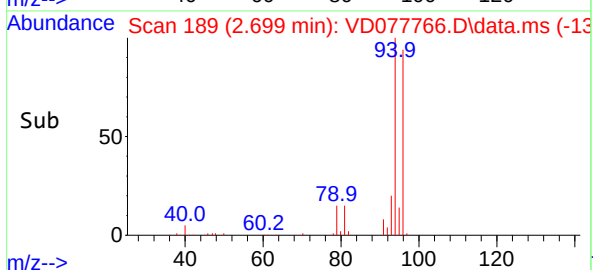
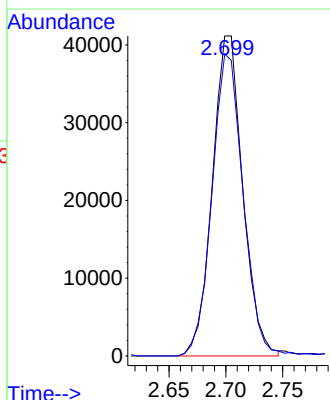
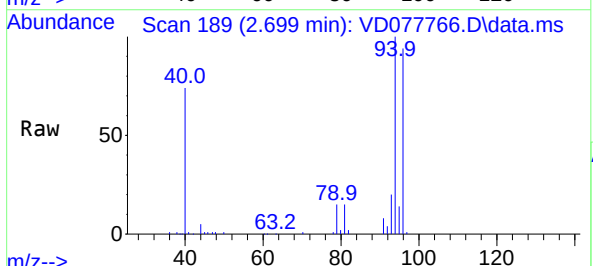
Instrument :
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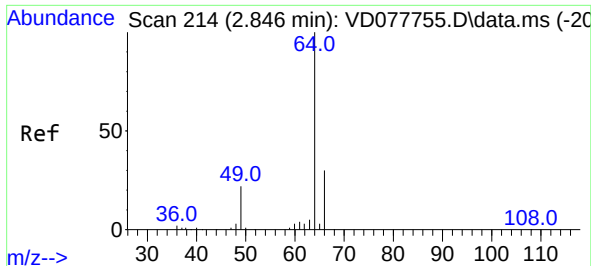
Tgt Ion: 62 Resp: 168496
 Ion Ratio Lower Upper
 62 100
 64 29.3 22.6 42.0



#6
 Bromomethane
 Concen: 17.732 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077766.D
 Acq: 06 Dec 2023 17:14

Tgt Ion: 94 Resp: 76420
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.0 122.6

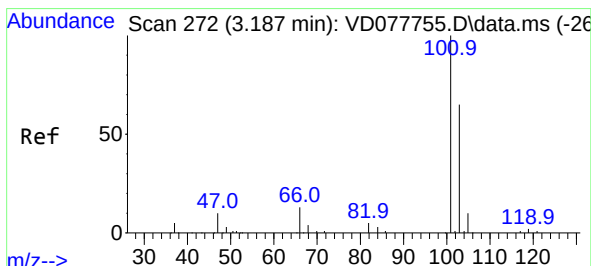
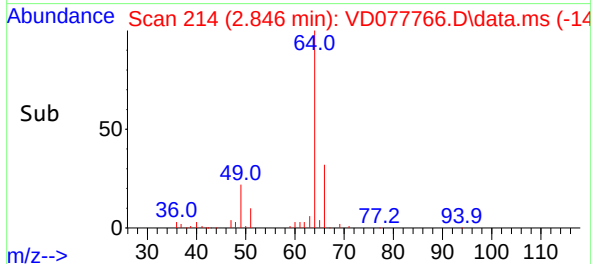
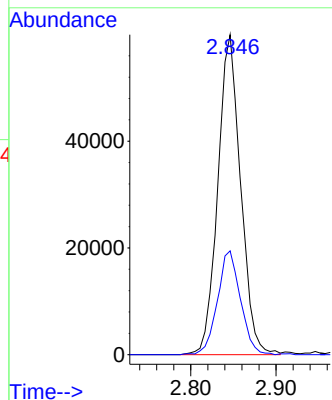
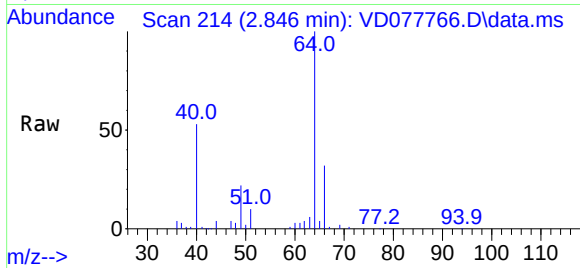




#8
Chloroethane
Concen: 21.922 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

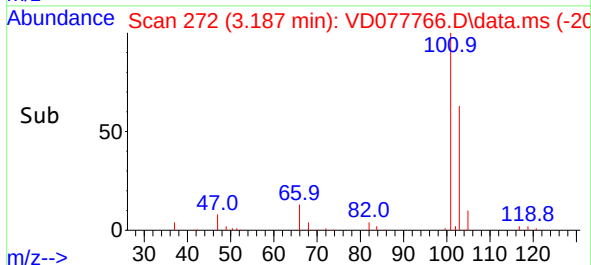
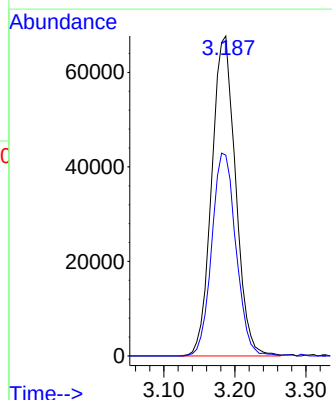
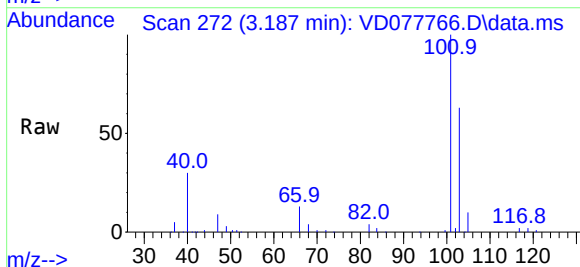
Instrument :
MSVOA_D
ClientSampleId :

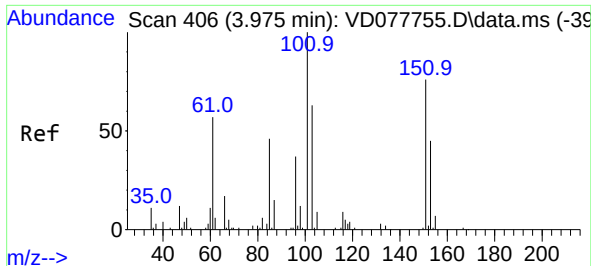
Tgt Ion: 64 Resp: 111323
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.736 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion:101 Resp: 157754
Ion Ratio Lower Upper
101 100
103 64.3 52.5 78.7

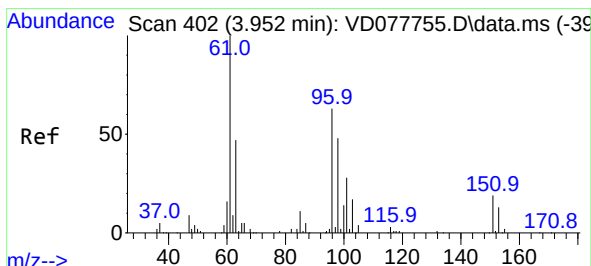
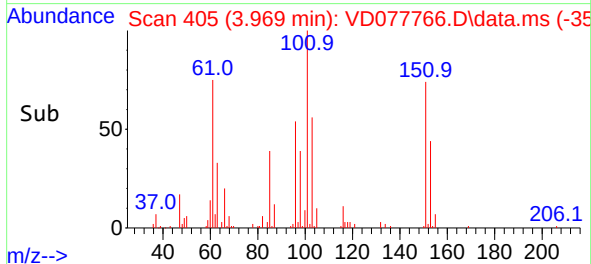
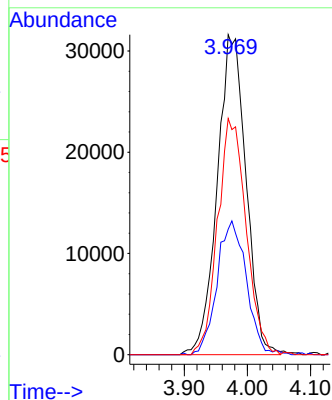
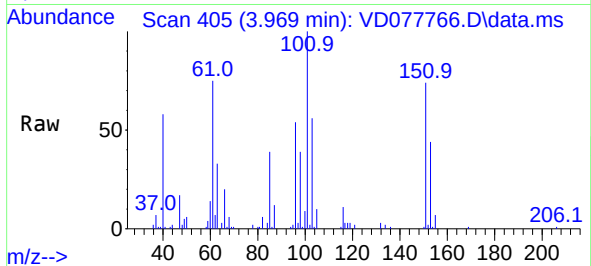




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.459 ug/L
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

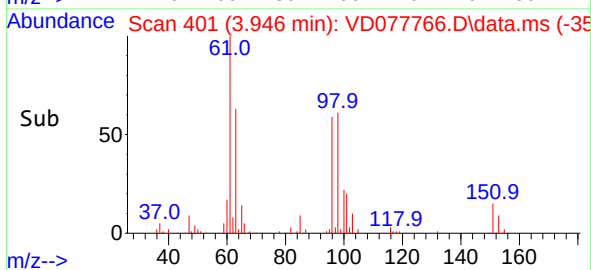
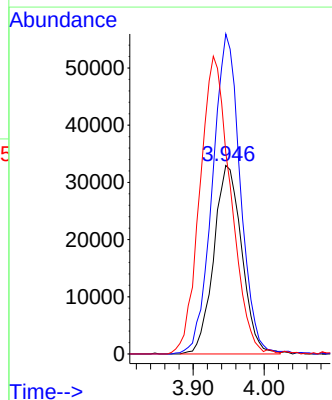
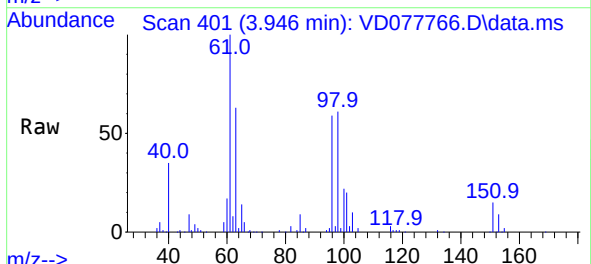
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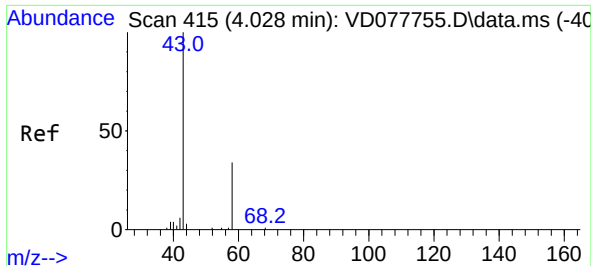
Tgt Ion:101 Resp: 100116
Ion Ratio Lower Upper
101 100
85 42.2 35.8 53.6
151 72.9 57.0 85.6



#12
1,1-Dichloroethene
Concen: 23.210 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 96 Resp: 89910
Ion Ratio Lower Upper
96 100
61 169.8 108.6 201.6
63 106.7 60.3 111.9

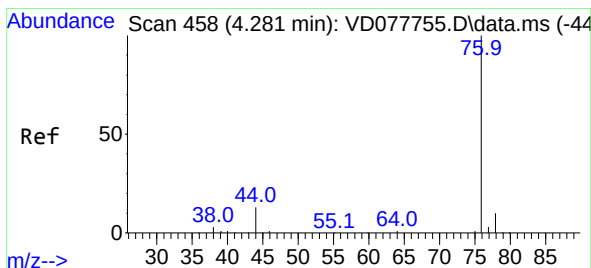
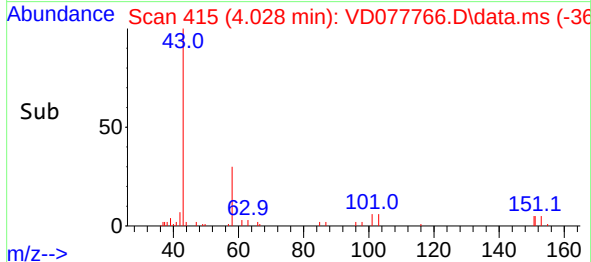
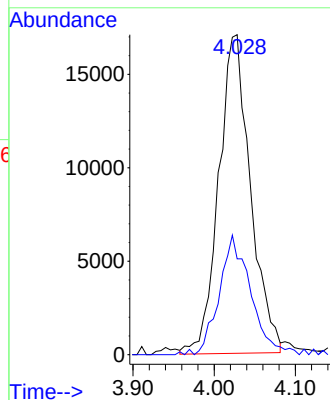
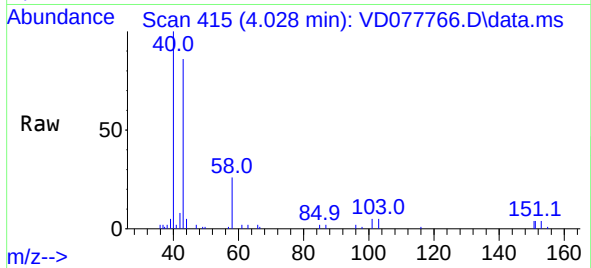




#13
Acetone
Concen: 36.905 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

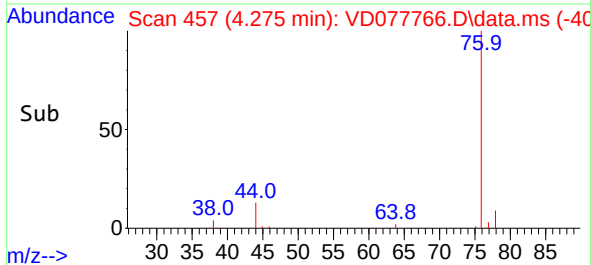
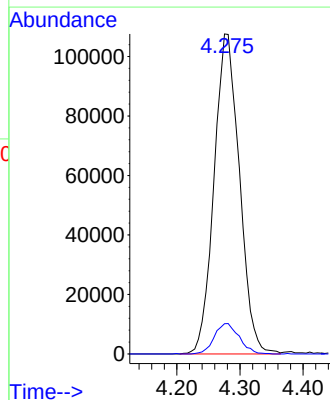
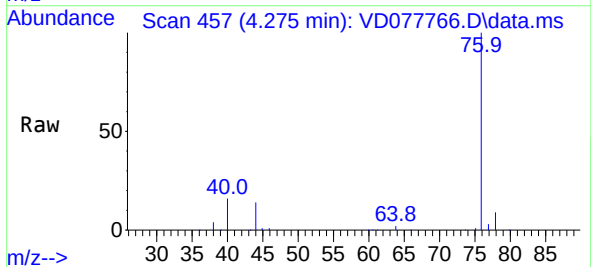
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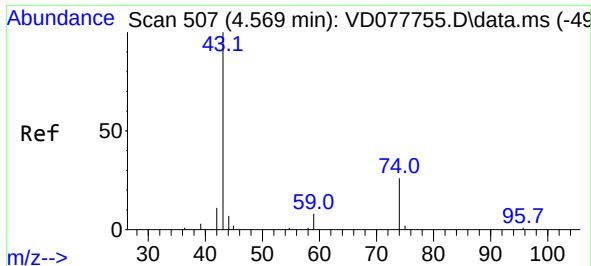
Tgt Ion: 43 Resp: 46410
Ion Ratio Lower Upper
43 100
58 36.4 0.0 67.2



#14
Carbon disulfide
Concen: 21.869 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 300218
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

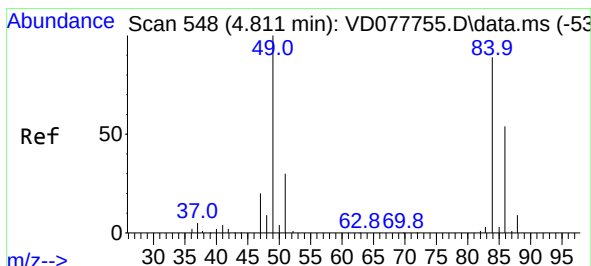
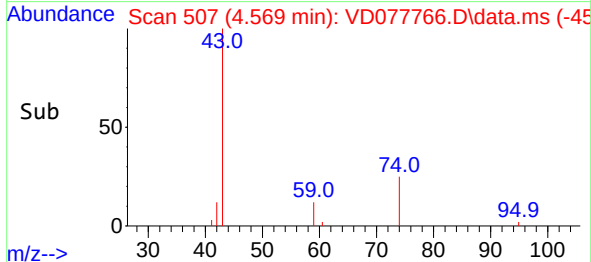
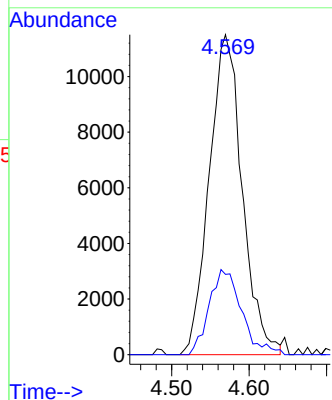
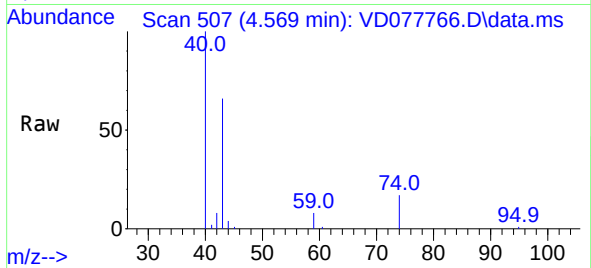




#15
Methyl Acetate
Concen: 18.924 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

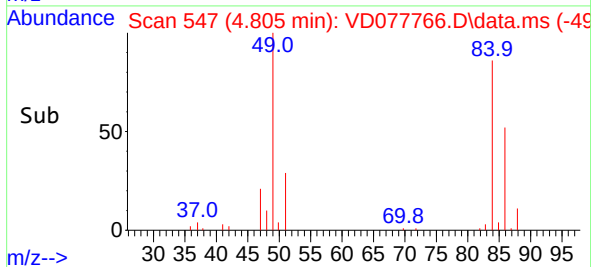
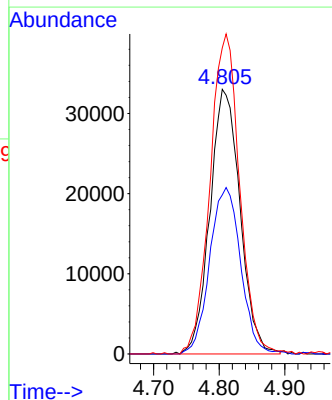
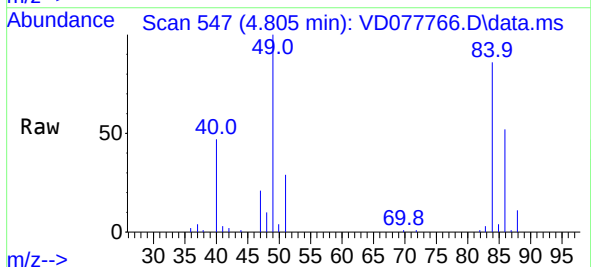
Instrument :
MSVOA_D
ClientSampleId :

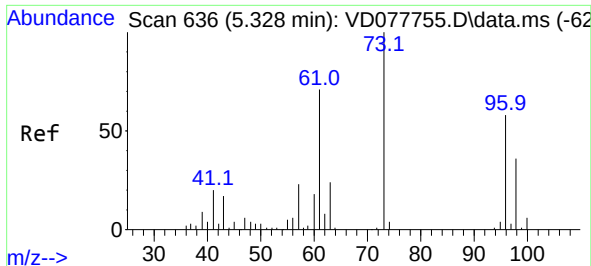
Tgt Ion: 43 Resp: 34068
Ion Ratio Lower Upper
43 100
74 25.2 18.6 27.8



#16
Methylene chloride
Concen: 20.800 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

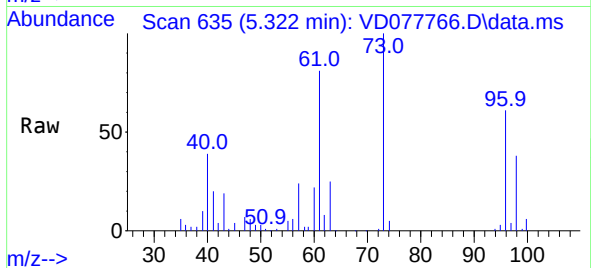
Tgt Ion: 84 Resp: 105178
Ion Ratio Lower Upper
84 100
86 60.1 40.1 74.5
49 115.6 83.2 154.6



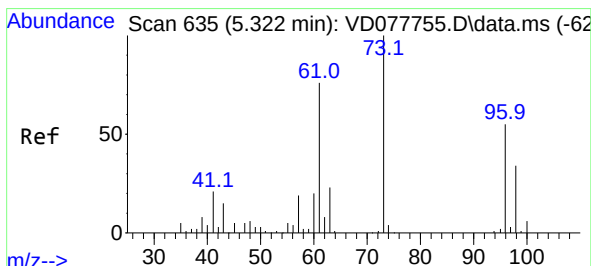
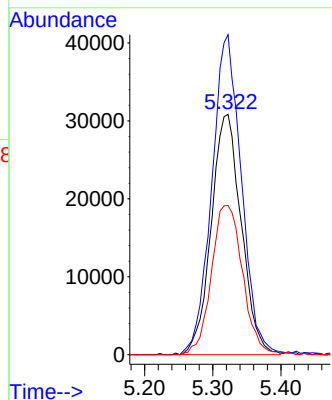
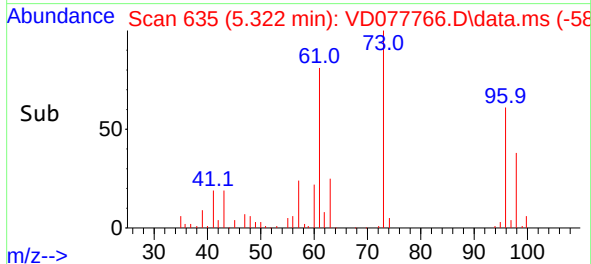


#17
trans-1,2-Dichloroethene
Concen: 23.417 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :

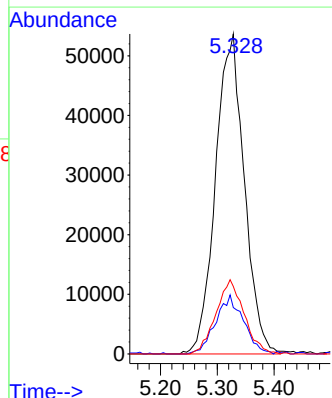
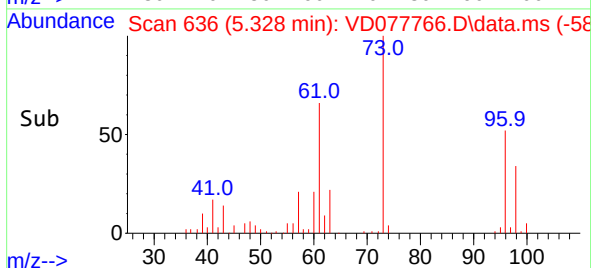
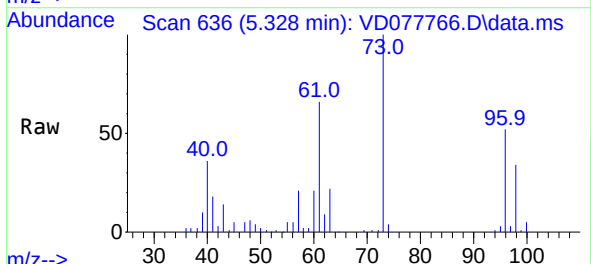


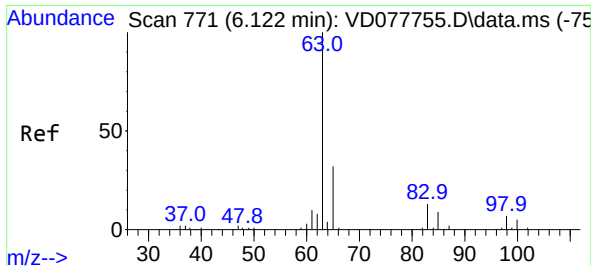
Tgt Ion: 96 Resp: 94581
Ion Ratio Lower Upper
96 100
61 133.2 92.3 171.3
98 62.0 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 21.191 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 73 Resp: 188674
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 22.6 18.1 27.1

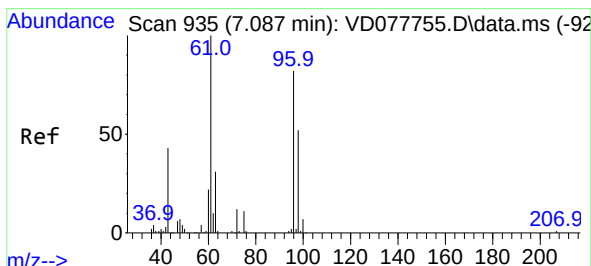
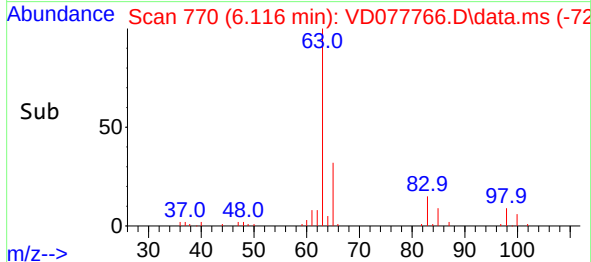
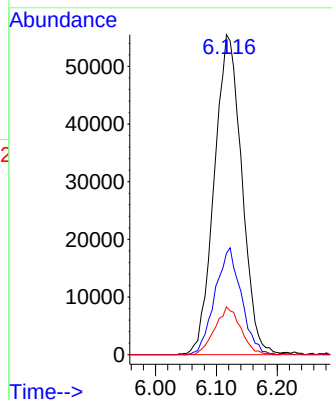
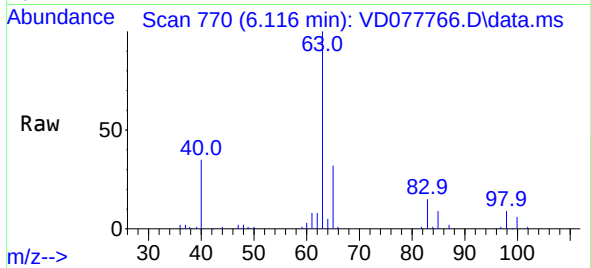




#19
1,1-Dichloroethane
Concen: 22.894 ug/L
RT: 6.116 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

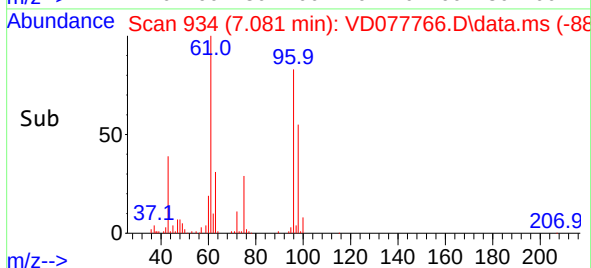
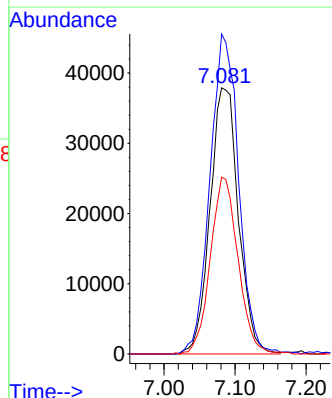
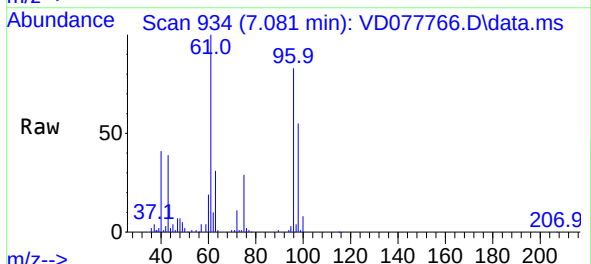
Instrument :
MSVOA_D
ClientSampleId :

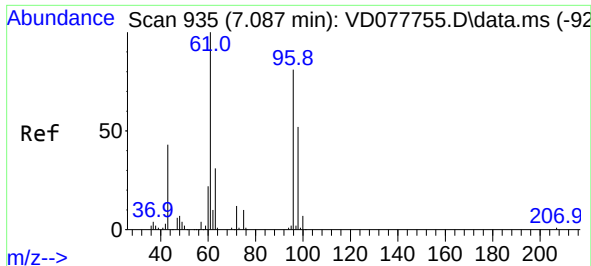
Tgt Ion: 63 Resp: 174275
Ion Ratio Lower Upper
63 100
65 31.7 20.9 38.9
83 15.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 23.434 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

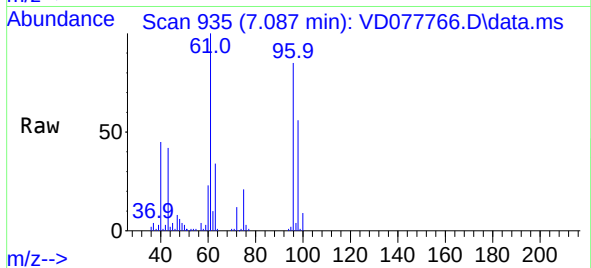
Tgt Ion: 96 Resp: 105179
Ion Ratio Lower Upper
96 100
61 120.3 88.1 163.5
98 66.5 44.1 81.9



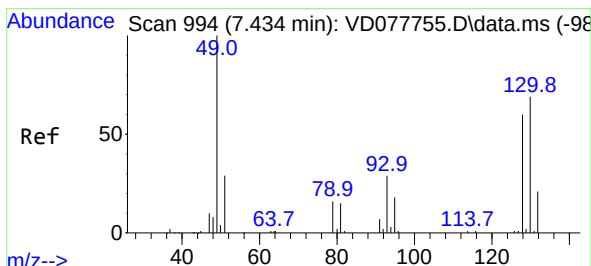
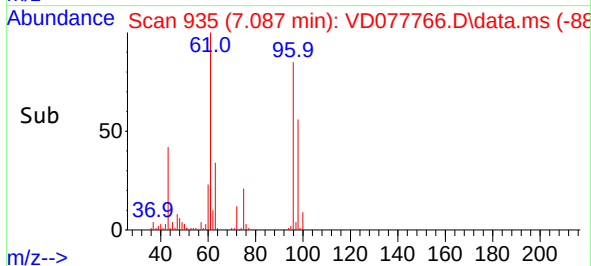
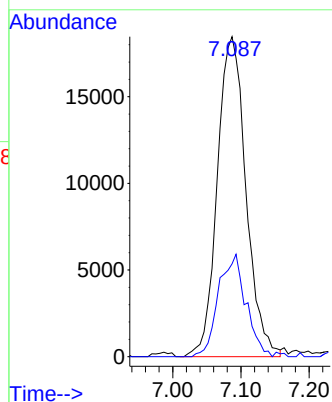


#22
2-Butanone
Concen: 38.200 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :

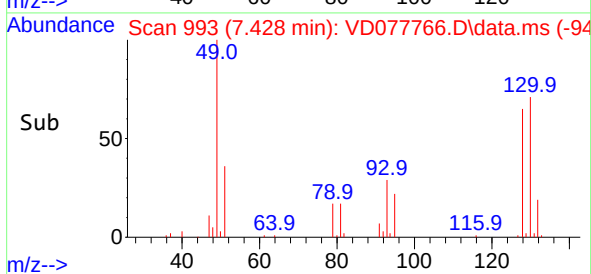
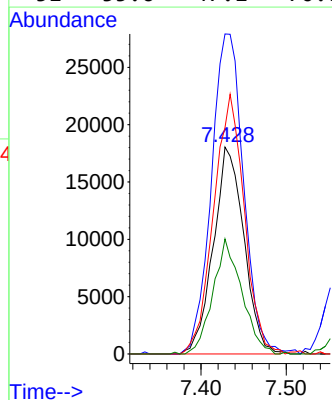
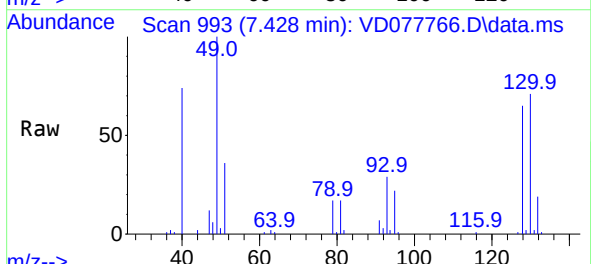


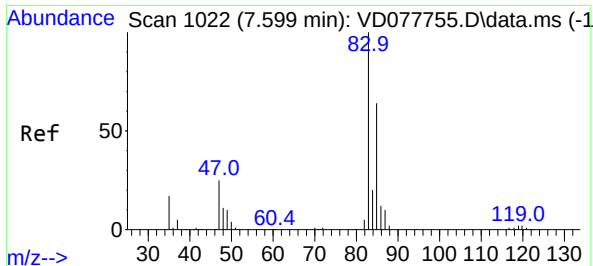
Tgt Ion: 43 Resp: 54068
Ion Ratio Lower Upper
43 100
72 30.6 7.2 21.6#



#23
Bromochloromethane
Concen: 24.046 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 128 Resp: 44931
Ion Ratio Lower Upper
128 100
49 154.7 124.7 231.5
130 109.5 92.3 171.3
51 55.6 47.1 70.7





#25

Chloroform

Concen: 23.371 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

Instrument :

MSVOA_D

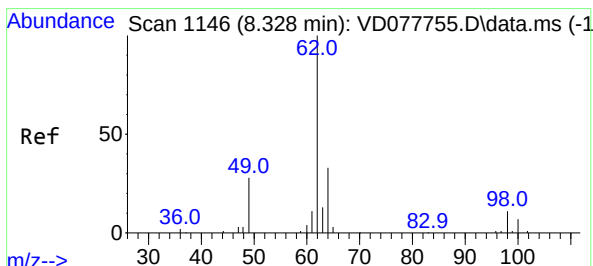
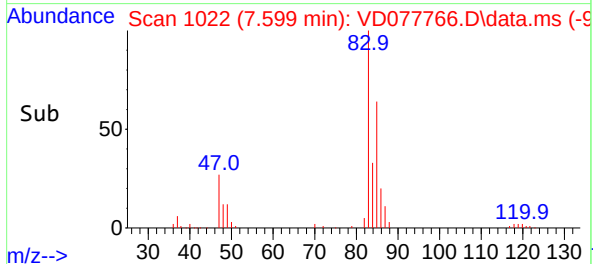
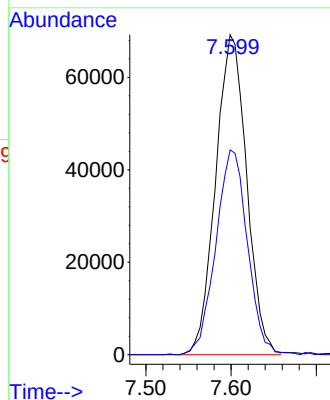
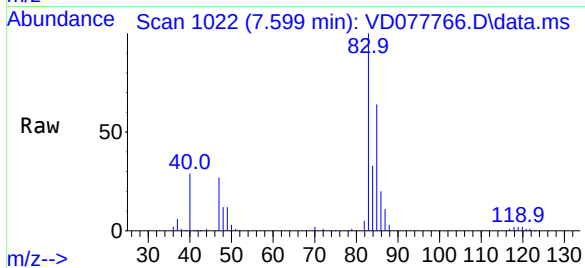
ClientSampleId :

Tgt Ion: 83 Resp: 175149

Ion Ratio Lower Upper

83 100

85 64.0 48.9 90.9



#27

1,2-Dichloroethane

Concen: 22.698 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077766.D

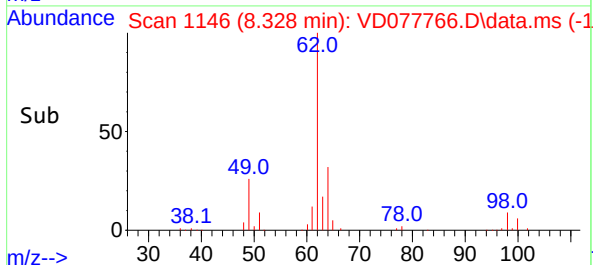
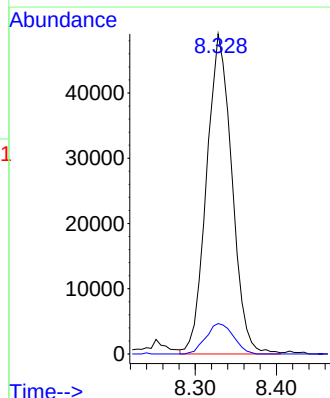
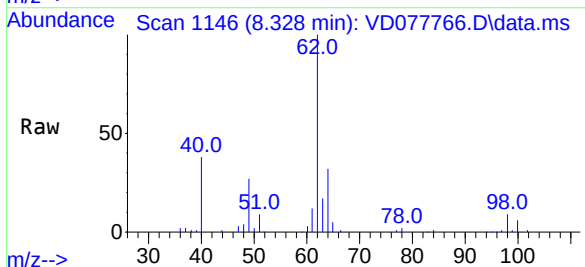
Acq: 06 Dec 2023 17:14

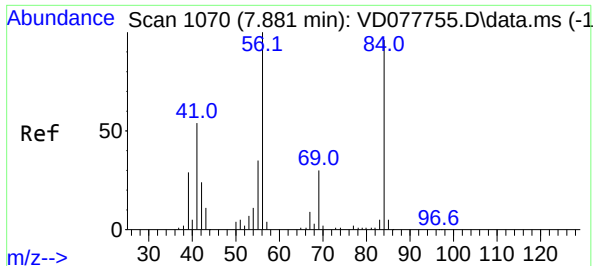
Tgt Ion: 62 Resp: 106402

Ion Ratio Lower Upper

62 100

98 9.5 8.4 12.6





#29

Cyclohexane

Concen: 21.296 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :

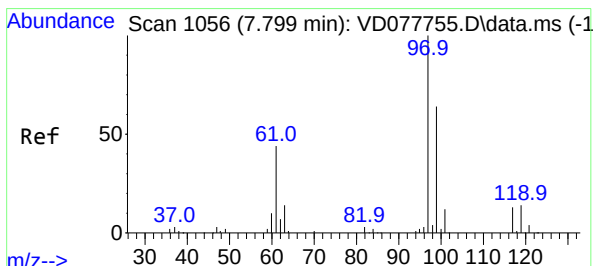
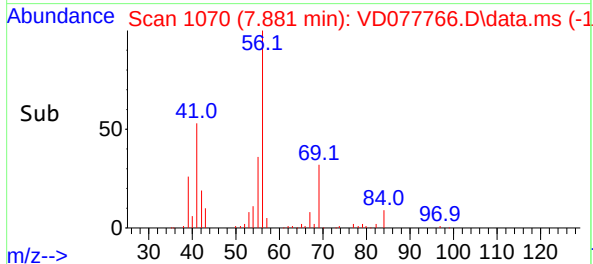
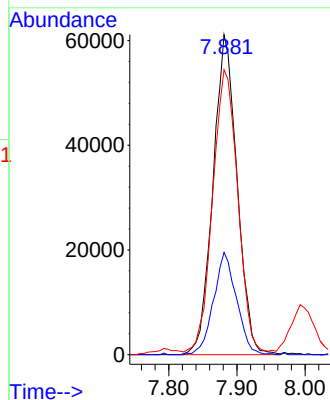
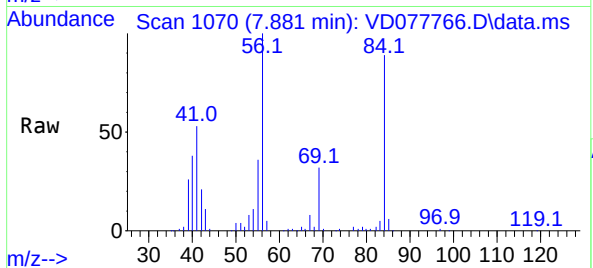
Tgt Ion: 56 Resp: 150235

Ion Ratio Lower Upper

56 100

69 30.4 22.2 33.4

84 93.6 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 23.728 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

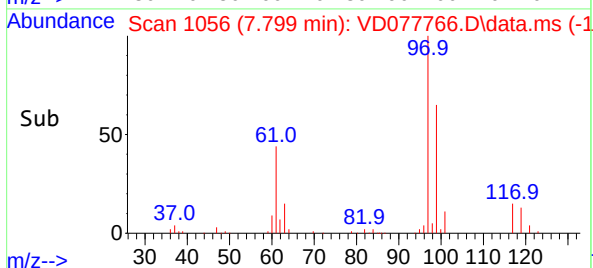
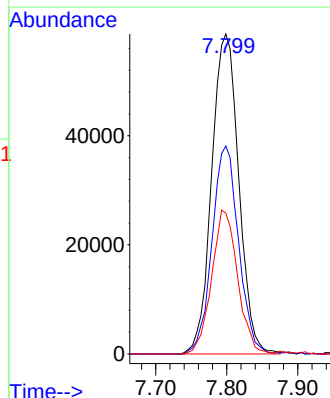
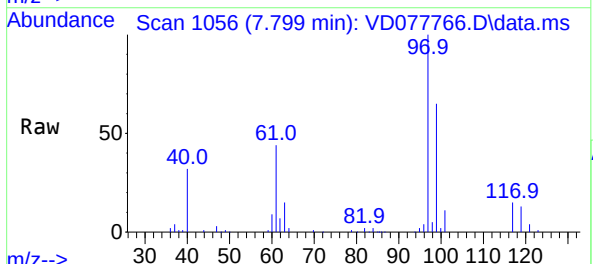
Tgt Ion: 97 Resp: 155218

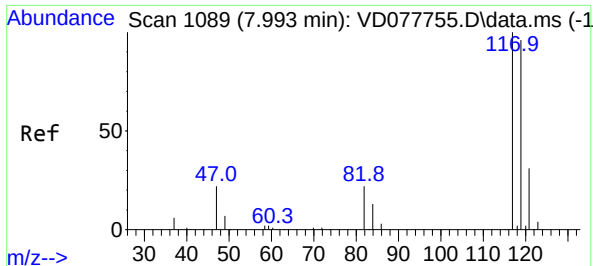
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.2

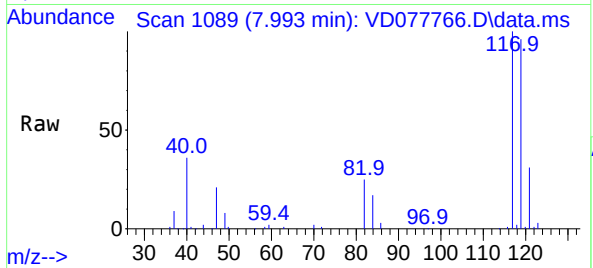
61 43.2 35.4 53.2



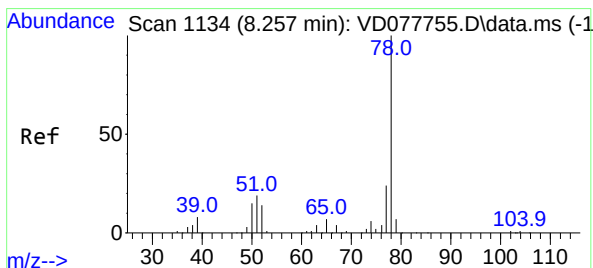
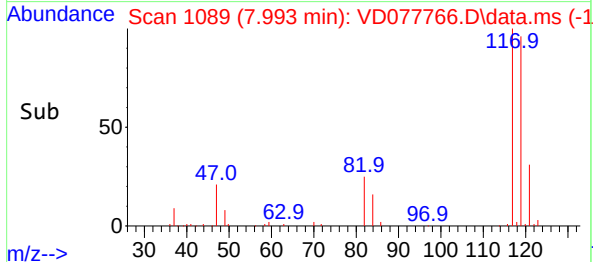
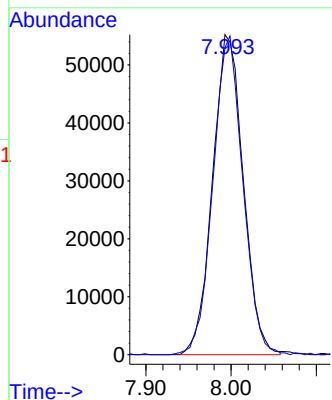


#31
Carbon tetrachloride
Concen: 24.026 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :

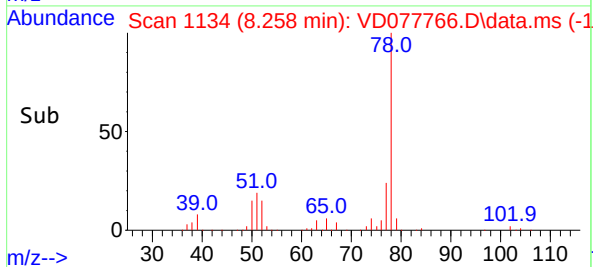
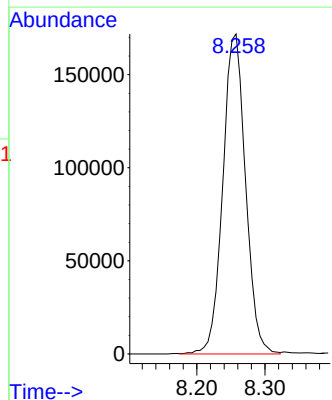
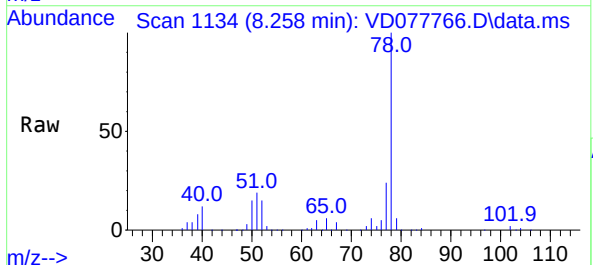


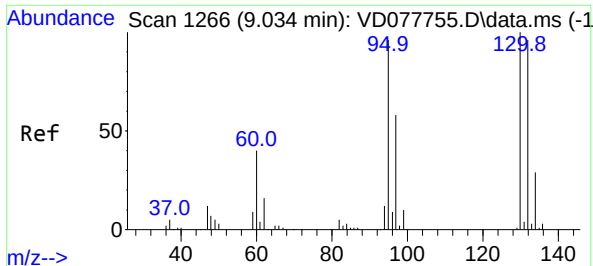
Tgt Ion:117 Resp: 138216
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5



#33
Benzene
Concen: 22.927 ug/L
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 78 Resp: 398941

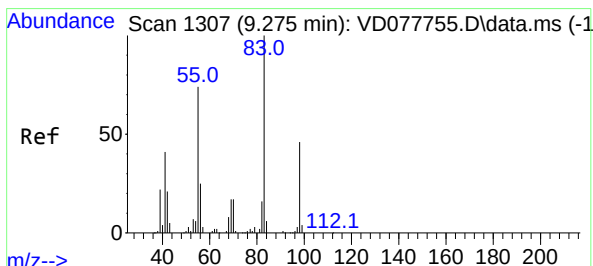
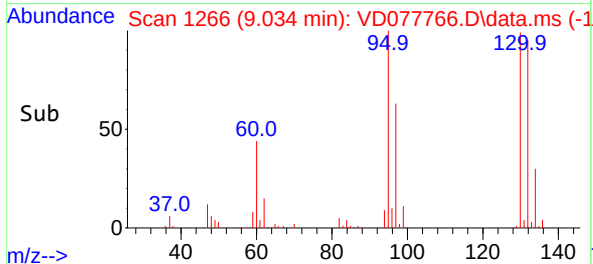
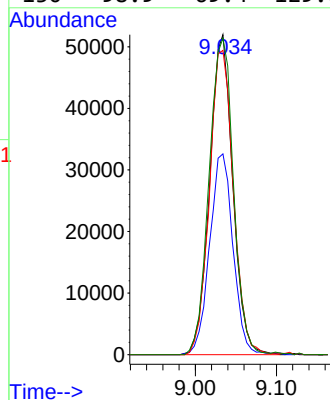
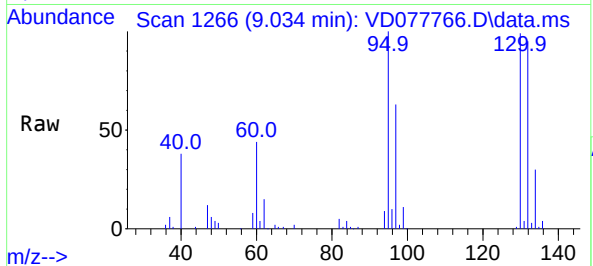




#34
Trichloroethene
Concen: 23.768 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

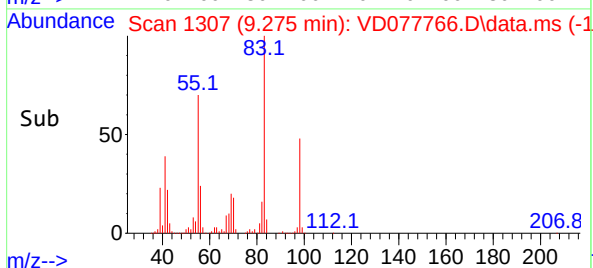
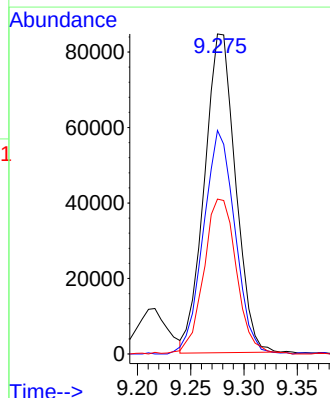
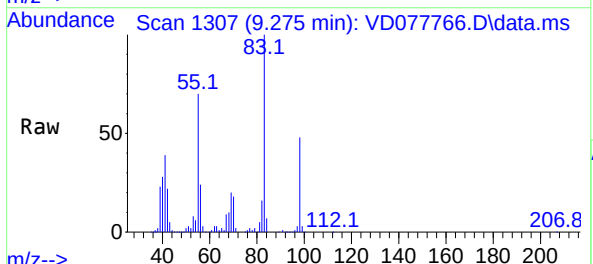
Instrument :
MSVOA_D
ClientSampleId :

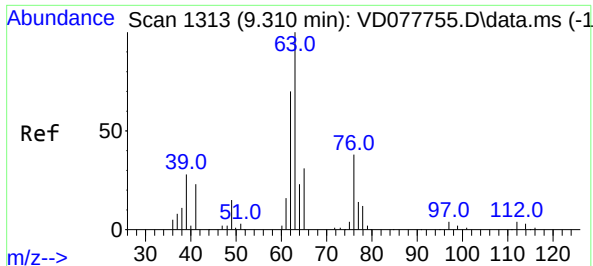
Tgt Ion: 95 Resp: 102661
Ion Ratio Lower Upper
95 100
97 62.7 44.2 82.0
132 95.1 67.5 125.3
130 98.9 69.4 129.0



#35
Methylcyclohexane
Concen: 22.394 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 83 Resp: 171721
Ion Ratio Lower Upper
83 100
55 71.3 59.8 89.6
98 51.2 38.5 57.7

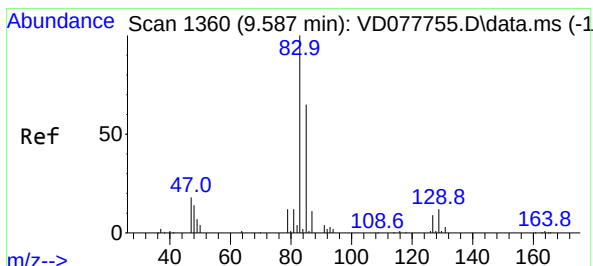
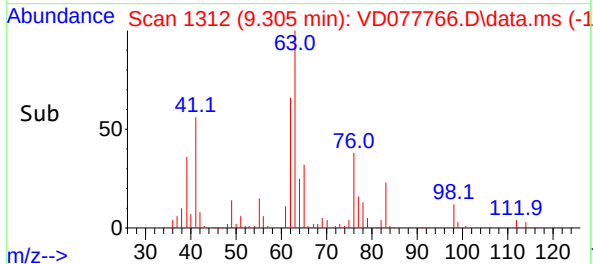
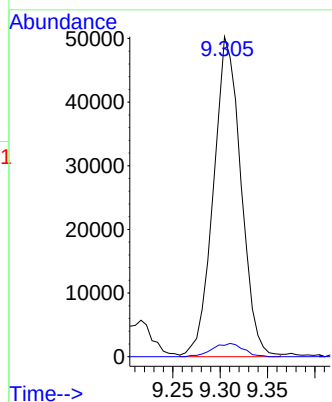
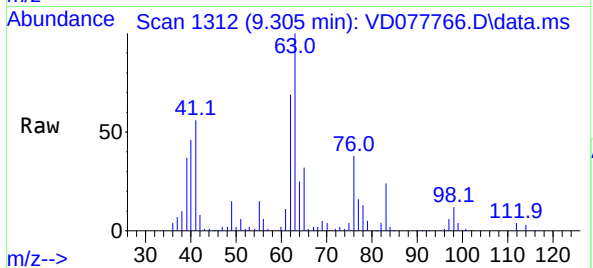




#37
1,2-Dichloropropane
Concen: 22.362 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

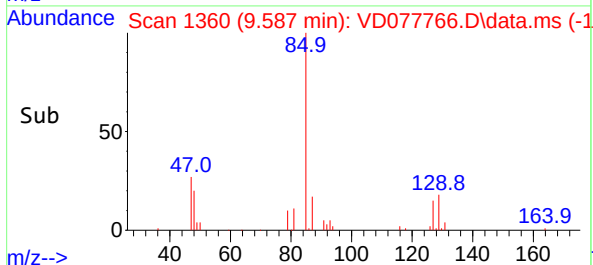
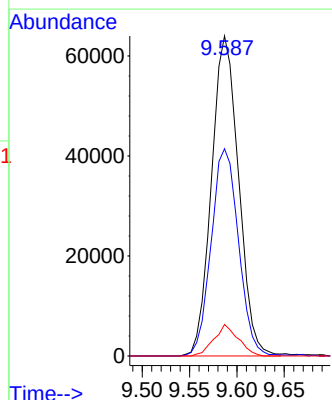
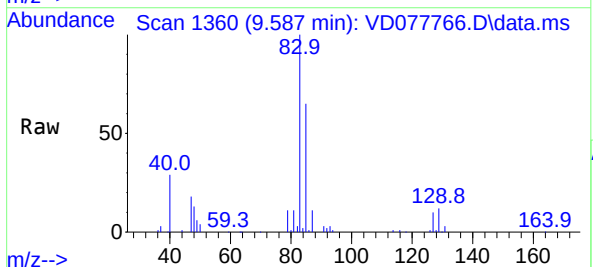
Instrument :
MSVOA_D
ClientSampleId :

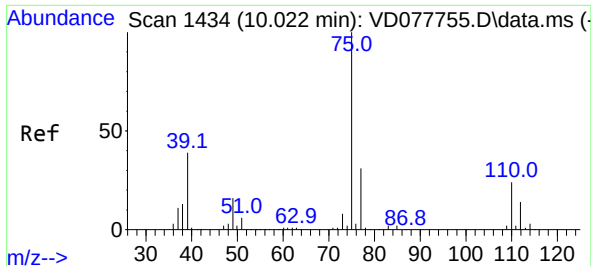
Tgt Ion: 63 Resp: 101453
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 23.111 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 83 Resp: 127501
Ion Ratio Lower Upper
83 100
85 64.7 45.5 84.5
127 9.9 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 22.251 ug/L

RT: 10.022 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

Instrument :

MSVOA_D

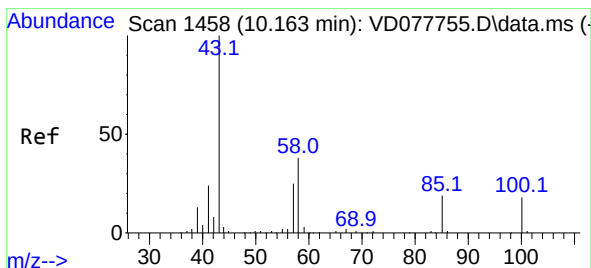
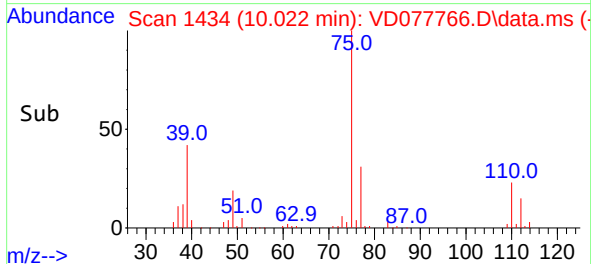
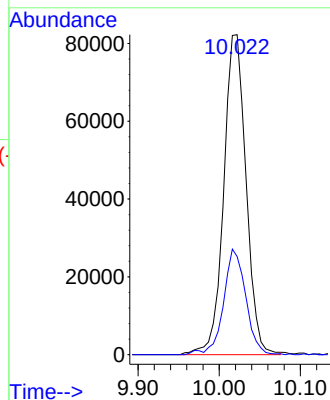
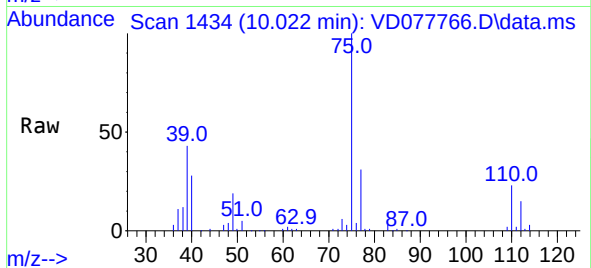
ClientSampleId :

Tgt Ion: 75 Resp: 157647

Ion Ratio Lower Upper

75 100

77 30.7 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 37.713 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

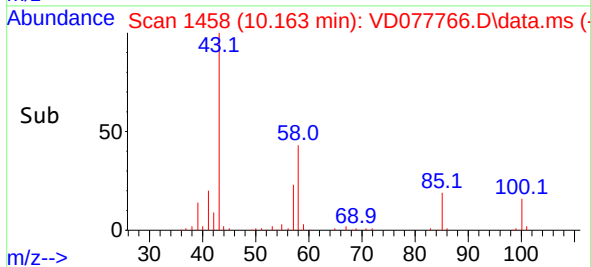
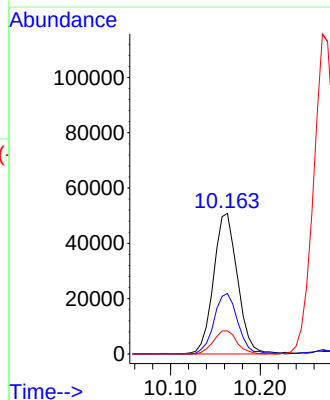
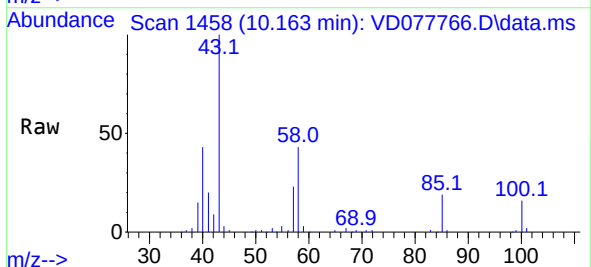
Tgt Ion: 43 Resp: 94415

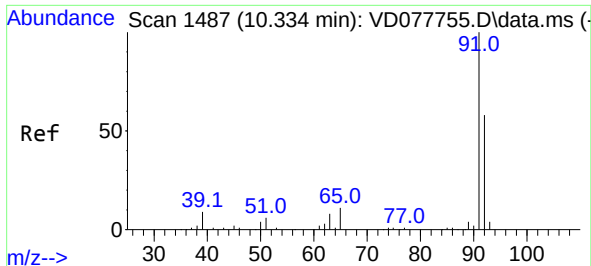
Ion Ratio Lower Upper

43 100

58 42.6 31.0 46.4

100 16.2 11.9 17.9

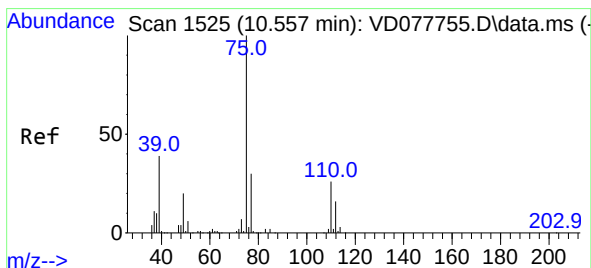
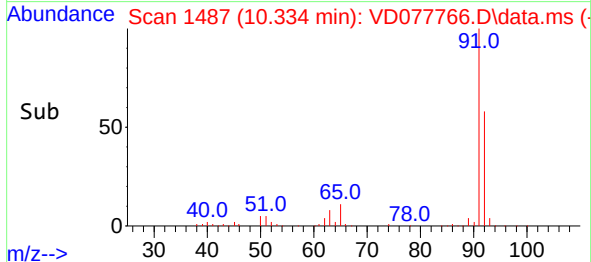
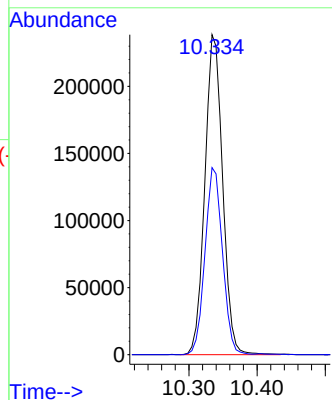
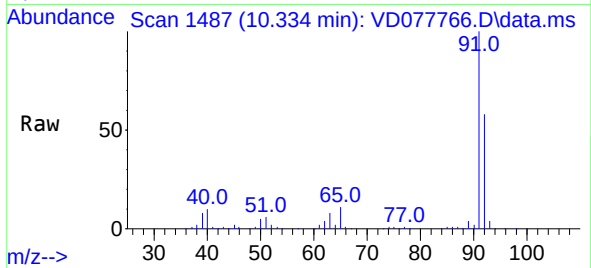




#42
Toluene
Concen: 23.419 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

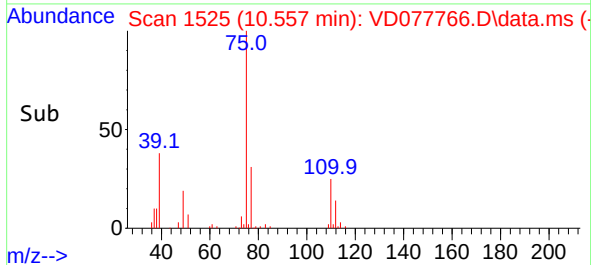
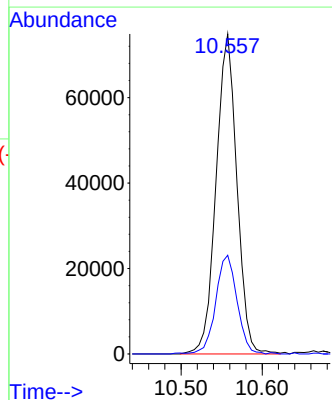
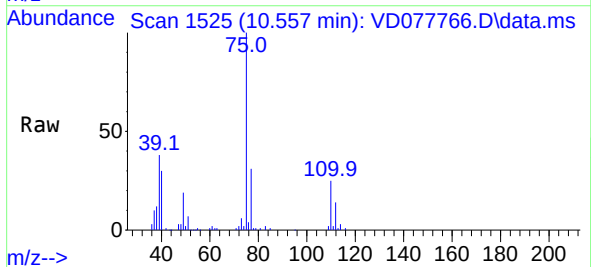
Instrument :
MSVOA_D
ClientSampleId :

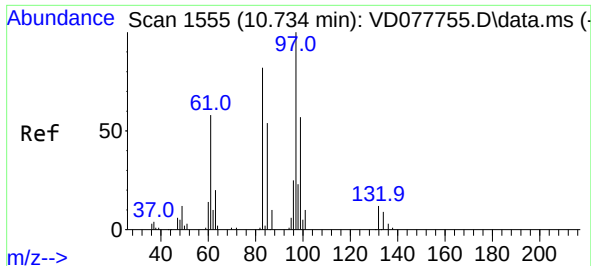
Tgt Ion: 91 Resp: 432825
Ion Ratio Lower Upper
91 100
92 58.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 22.538 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 75 Resp: 133372
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8

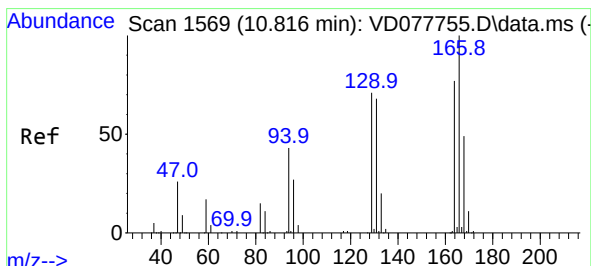
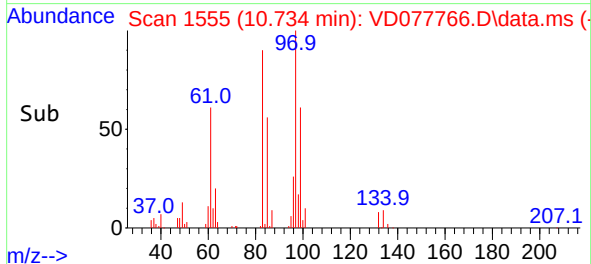
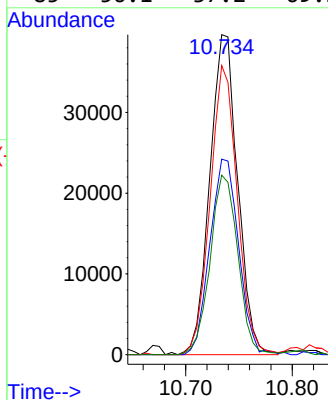
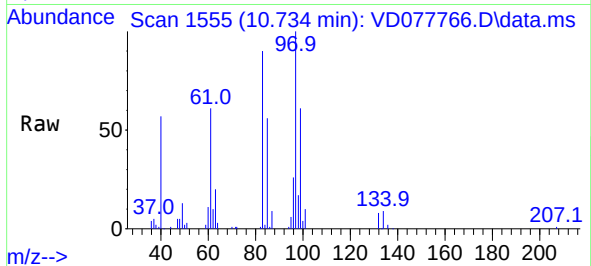




#45
1,1,2-Trichloroethane
Concen: 23.706 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

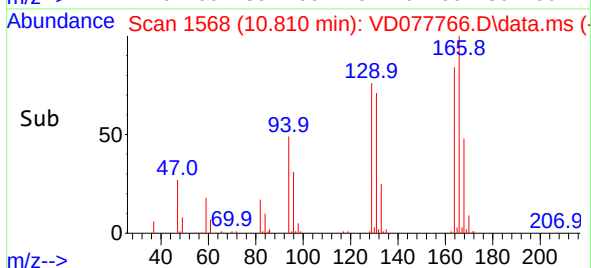
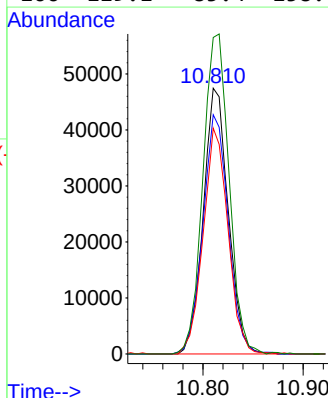
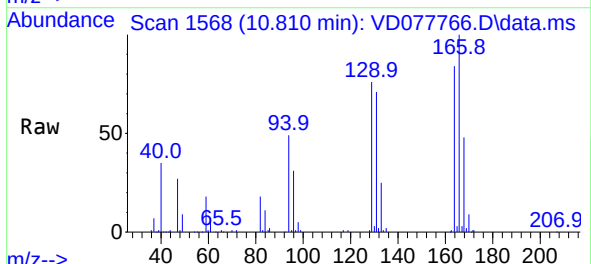
Instrument :
MSVOA_D
ClientSampleId :

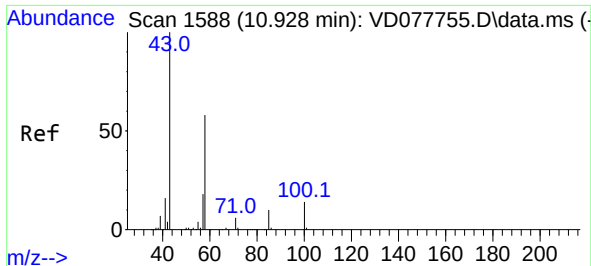
Tgt Ion:	97	Resp:	72230
Ion	Ratio	Lower	Upper
97	100		
99	61.1	41.7	77.5
83	90.4	63.6	118.2
85	56.1	37.2	69.2



#46
Tetrachloroethene
Concen: 23.622 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

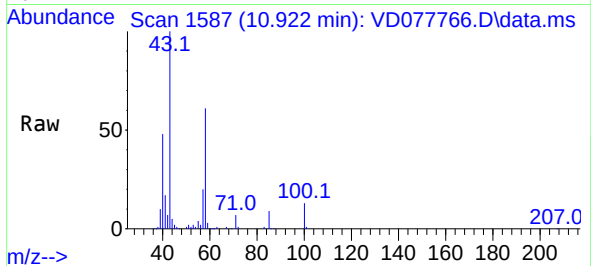
Tgt Ion:	164	Resp:	82274
Ion	Ratio	Lower	Upper
164	100		
129	90.0	61.5	114.3
131	85.0	59.1	109.9
166	119.1	85.4	158.6





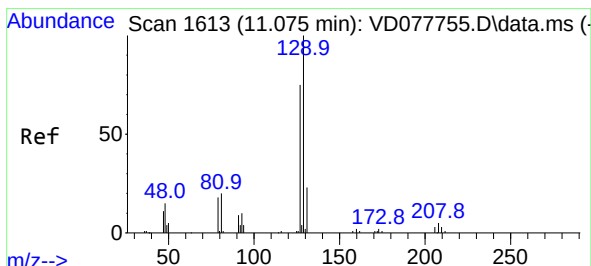
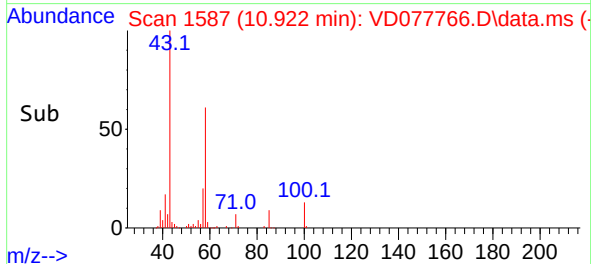
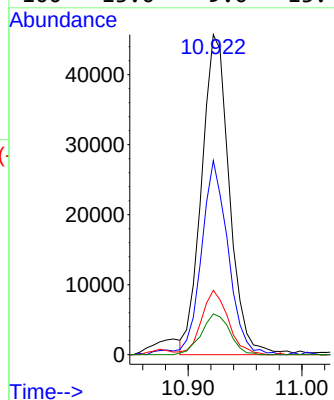
#48
2-Hexanone
Concen: 36.489 ug/L
RT: 10.922 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 77647

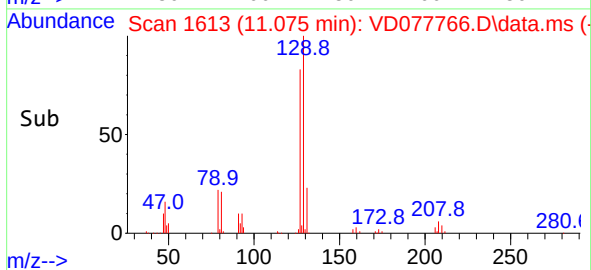
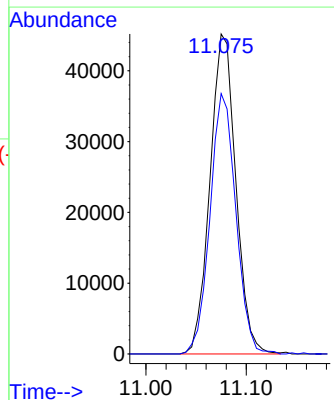
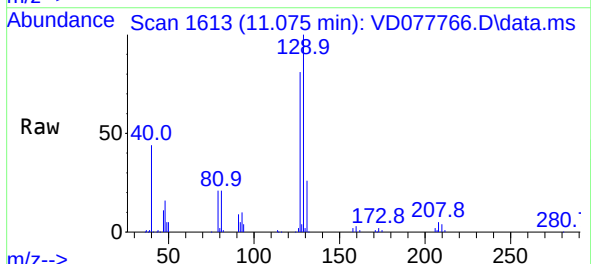
Ion	Ratio	Lower	Upper
43	100		
58	57.8	43.0	64.6
57	19.5	13.8	20.8
100	13.0	9.0	13.4

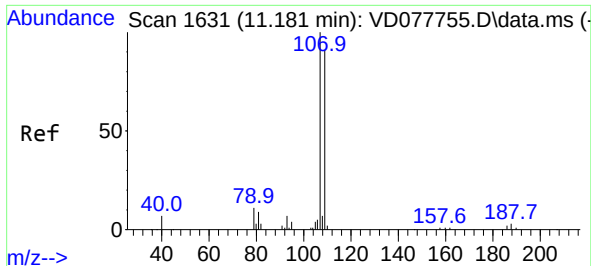


#49
Dibromochloromethane
Concen: 22.369 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 129 Resp: 81040

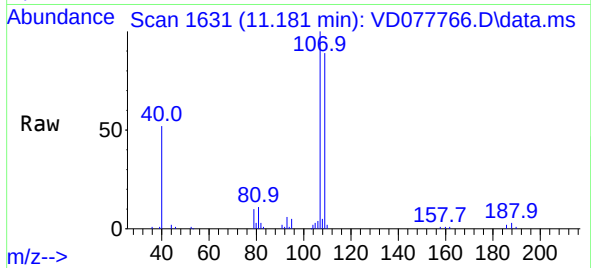
Ion	Ratio	Lower	Upper
129	100		
127	81.4	52.8	98.2



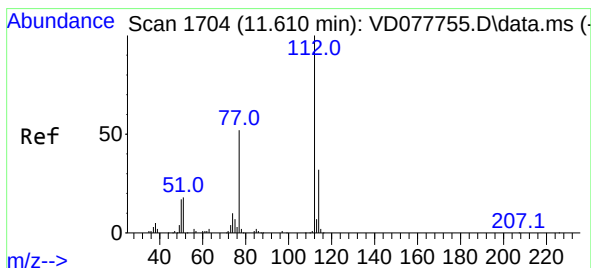
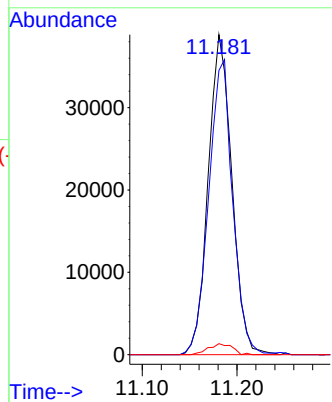
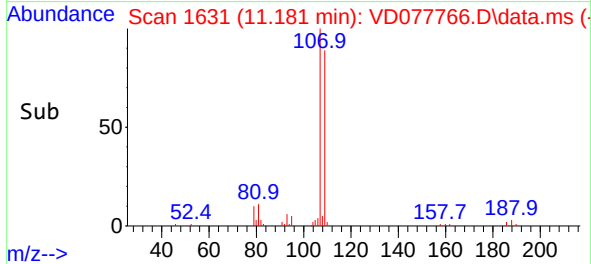


#50
1,2-Dibromoethane
Concen: 22.952 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

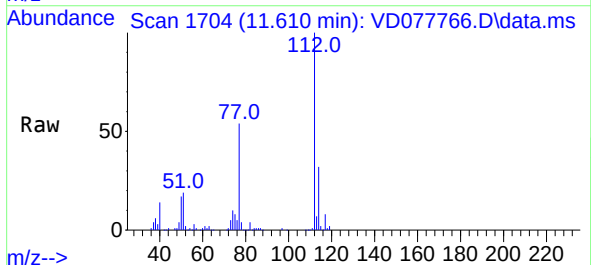
Instrument :
MSVOA_D
ClientSampleId :



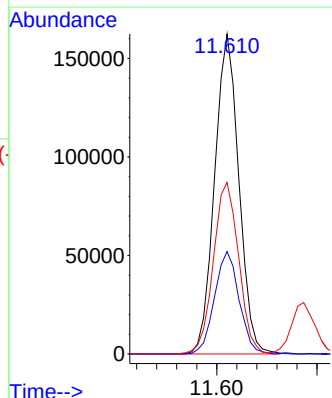
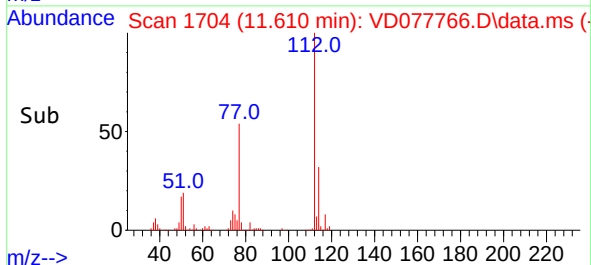
Tgt Ion:107 Resp: 67443
Ion Ratio Lower Upper
107 100
109 88.8 64.2 119.2
188 3.5 2.3 3.5

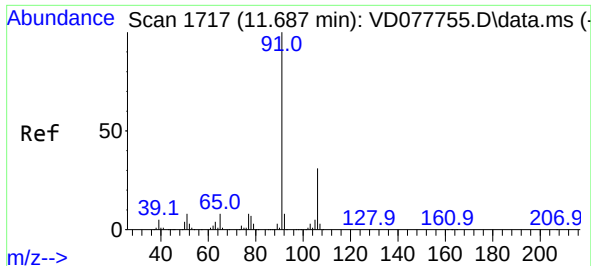


#51
Chlorobenzene
Concen: 23.784 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14



Tgt Ion:112 Resp: 272575
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 53.6 46.4 69.6

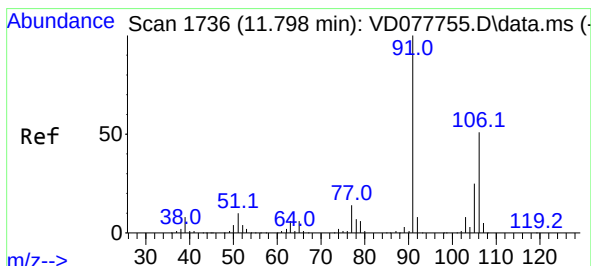
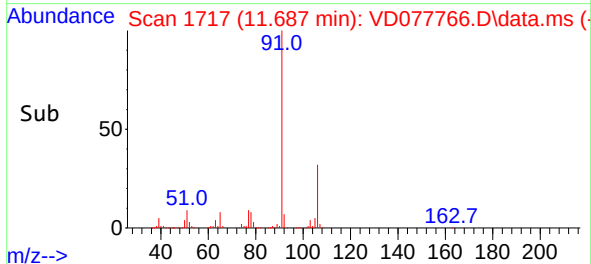
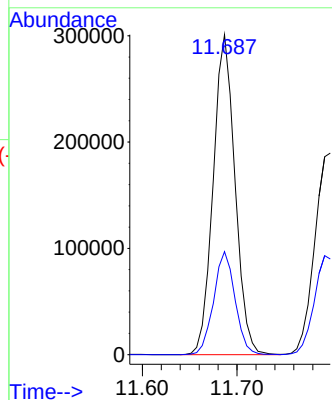
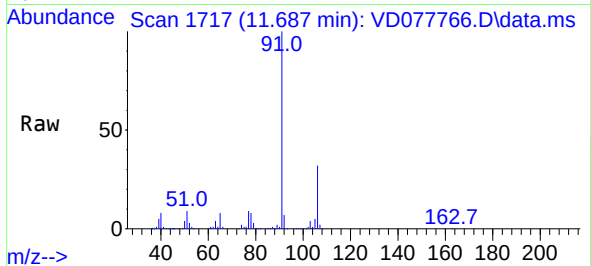




#52
Ethylbenzene
Concen: 23.534 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

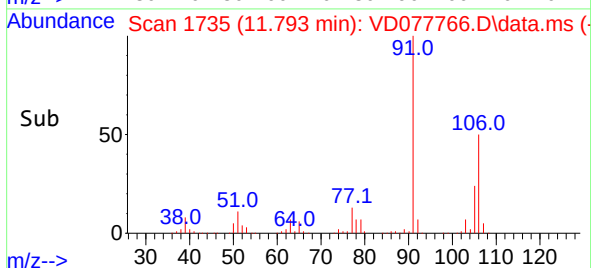
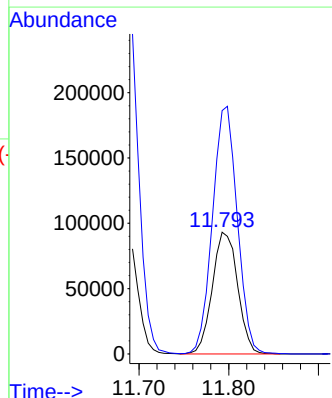
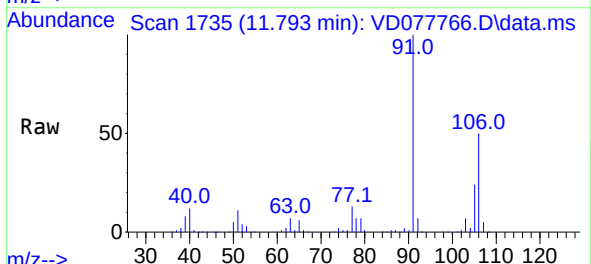
Instrument :
MSVOA_D
ClientSampleId :

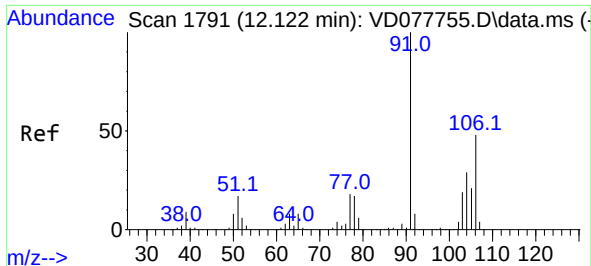
Tgt Ion: 91 Resp: 482172
Ion Ratio Lower Upper
91 100
106 32.2 22.4 41.6



#53
m,p-Xylene
Concen: 23.595 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 106 Resp: 182662
Ion Ratio Lower Upper
106 100
91 199.9 140.8 261.6

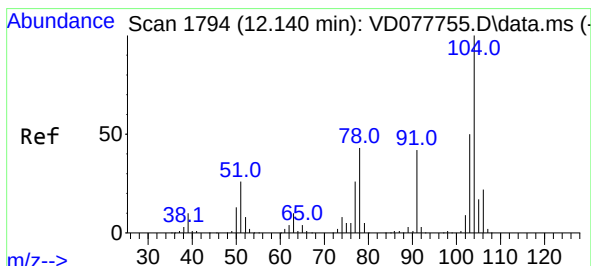
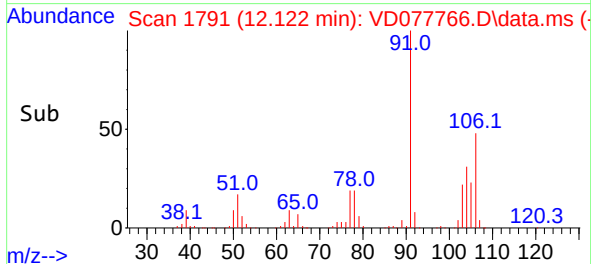
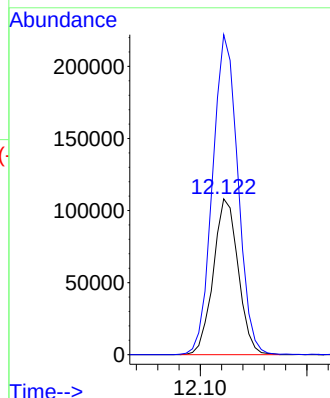
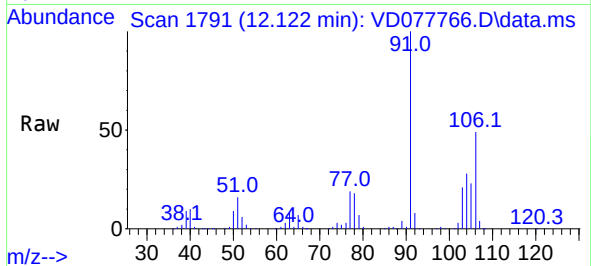




#54
o-Xylene
Concen: 23.668 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

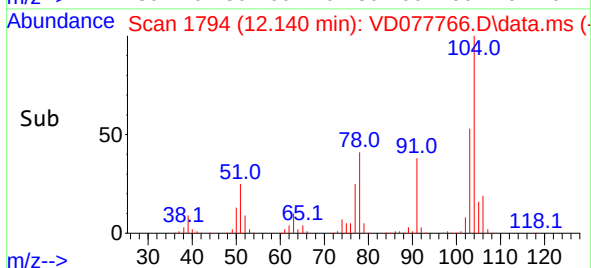
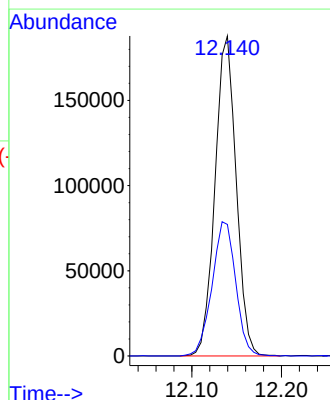
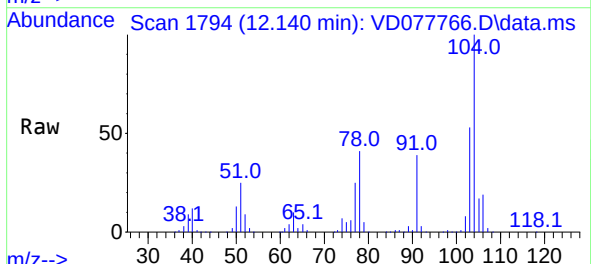
Instrument :
MSVOA_D
ClientSampleId :

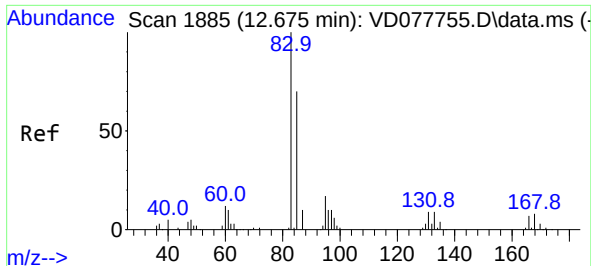
Tgt Ion:106 Resp: 175353
Ion Ratio Lower Upper
106 100
91 205.2 152.2 282.7



#55
Styrene
Concen: 23.767 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion:104 Resp: 308123
Ion Ratio Lower Upper
104 100
78 41.1 30.9 57.5

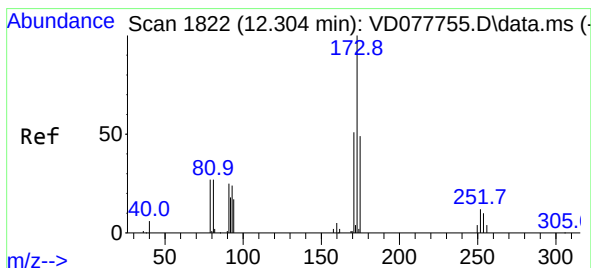
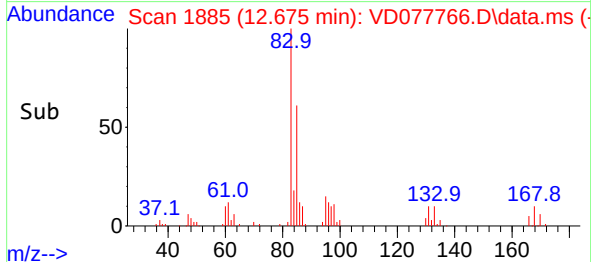
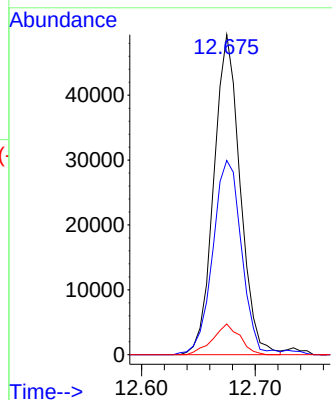
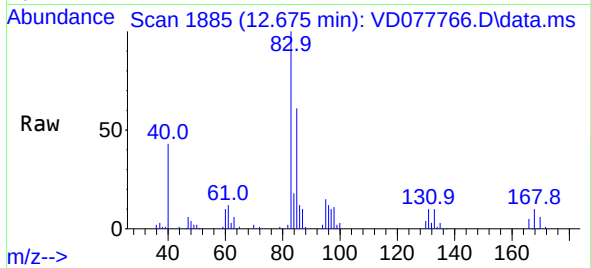




#57
1,1,2,2-Tetrachloroethane
Concen: 22.045 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

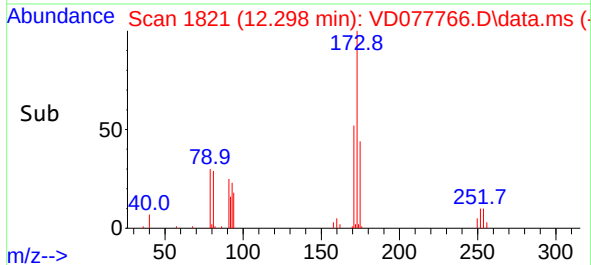
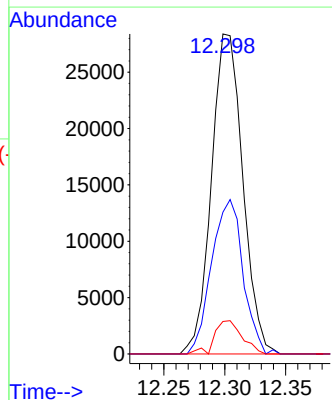
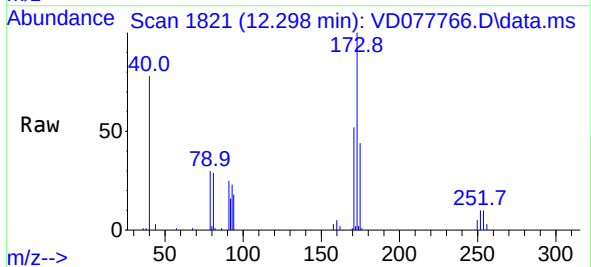
Instrument :
MSVOA_D
ClientSampleId :

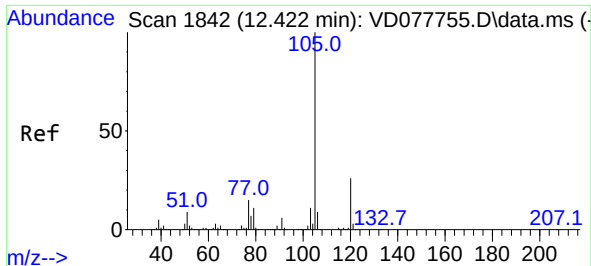
Tgt Ion: 83	Resp: 79589
Ion Ratio	Lower Upper
83 100	
85 60.7	43.3 80.5
131 9.6	7.3 10.9



#59
Bromoform
Concen: 23.137 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

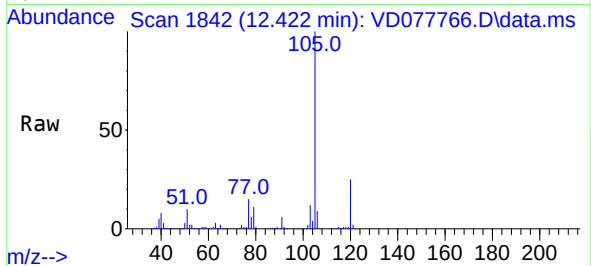
Tgt Ion: 173	Resp: 50949
Ion Ratio	Lower Upper
173 100	
175 48.0	38.7 58.1
254 8.6	1.8 2.8



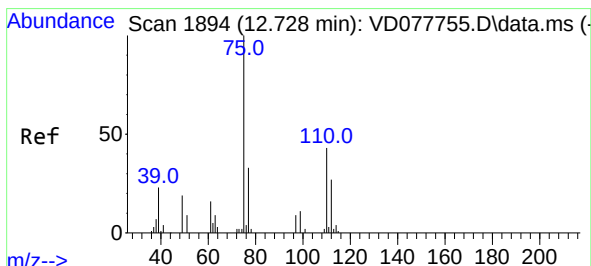
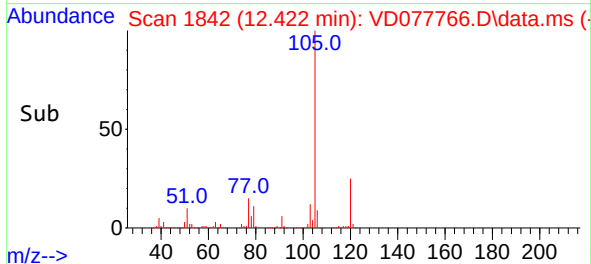
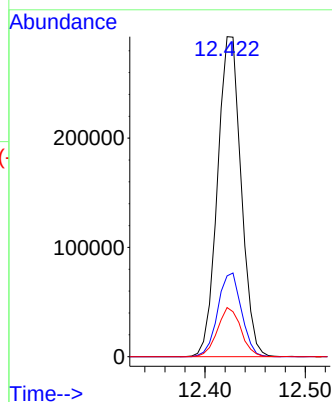


#60
Isopropylbenzene
Concen: 24.116 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :

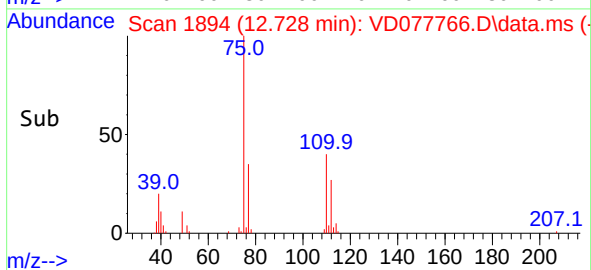
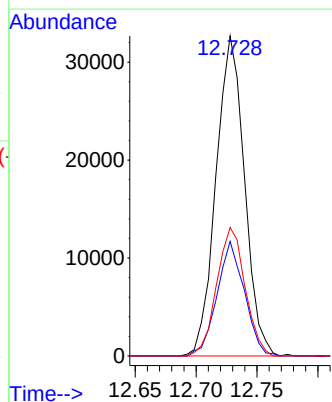
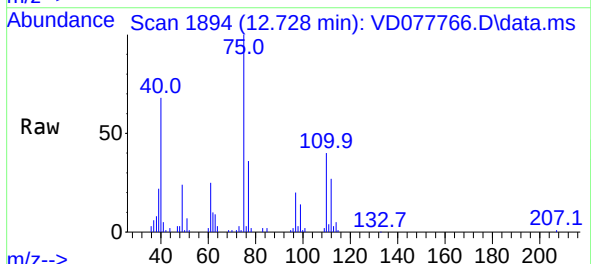


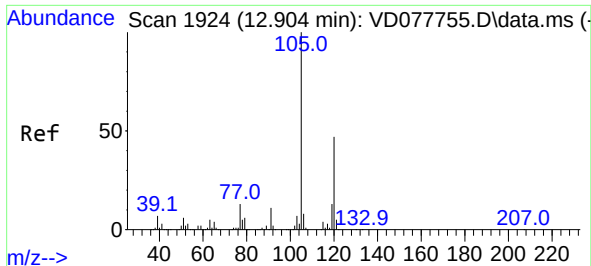
Tgt Ion:105 Resp: 479056
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 21.696 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion: 75 Resp: 53113
Ion Ratio Lower Upper
75 100
77 34.4 26.8 40.2
110 40.0 33.4 50.2

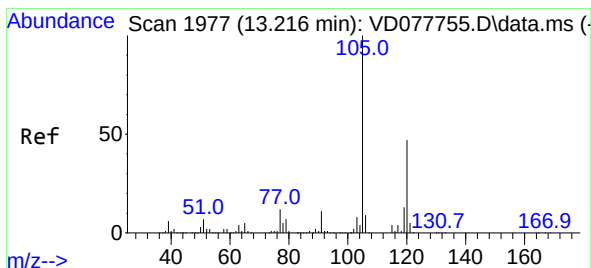
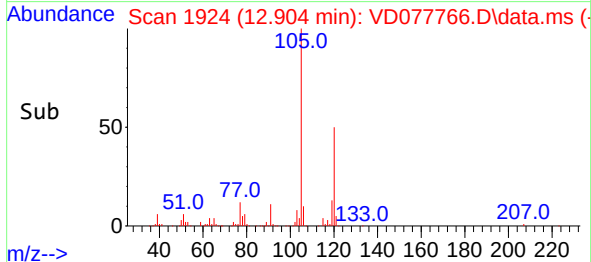
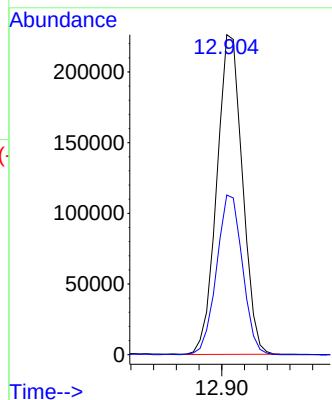
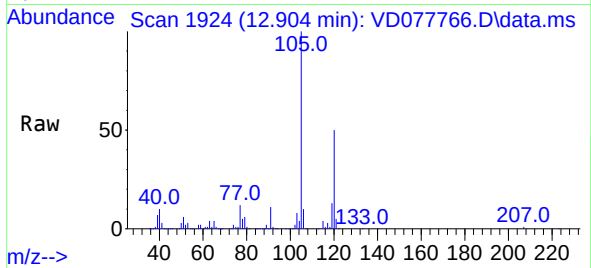




#62
1,3,5-Trimethylbenzene
Concen: 23.739 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

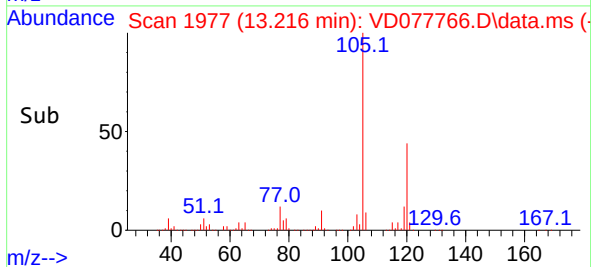
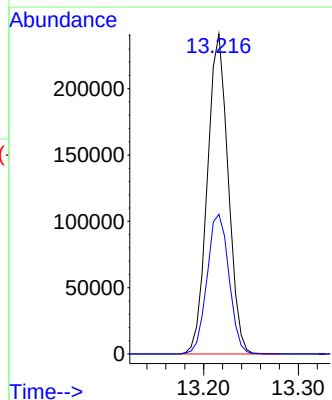
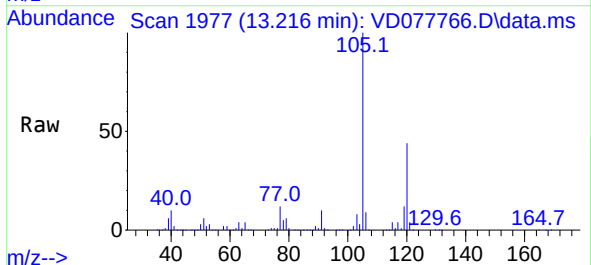
Instrument :
MSVOA_D
ClientSampleId :

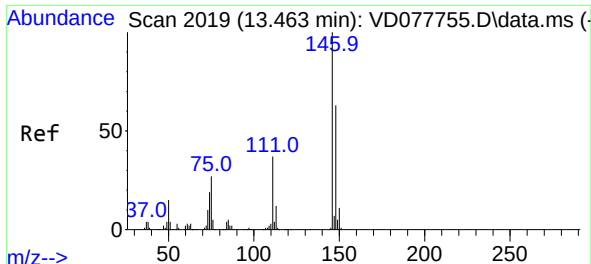
Tgt Ion:105 Resp: 354190
Ion Ratio Lower Upper
105 100
120 50.5 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 24.359 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion:105 Resp: 368502
Ion Ratio Lower Upper
105 100
120 45.9 37.1 55.7

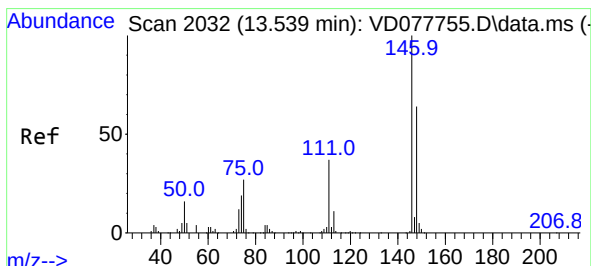
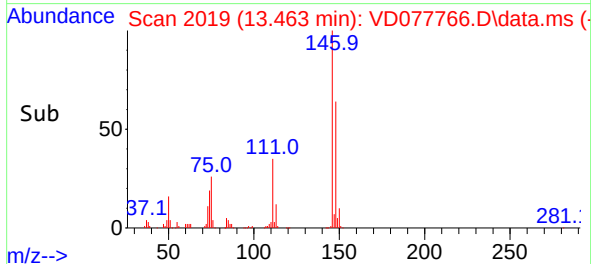
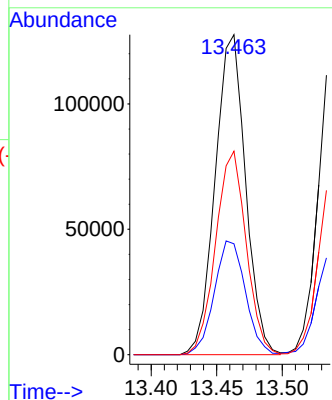
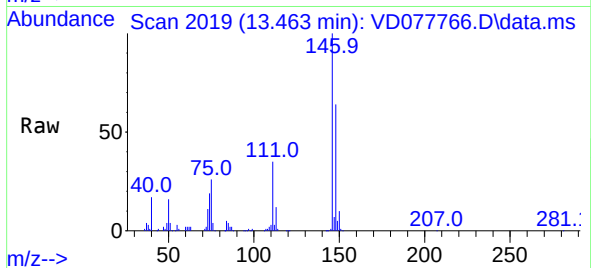




#64
1,3-Dichlorobenzene
Concen: 23.965 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

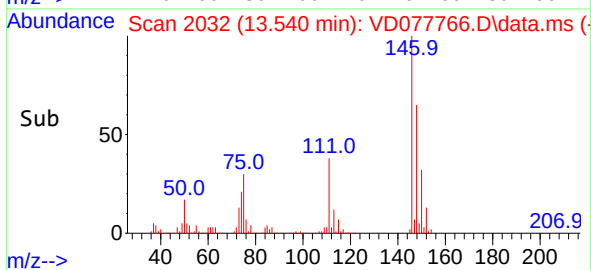
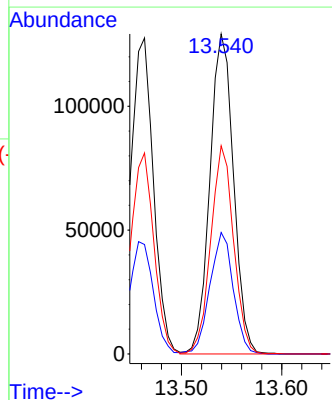
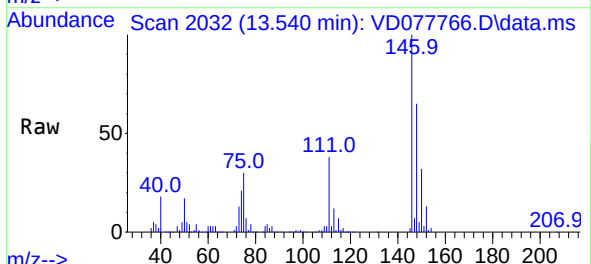
Instrument :
MSVOA_D
ClientSampleId :

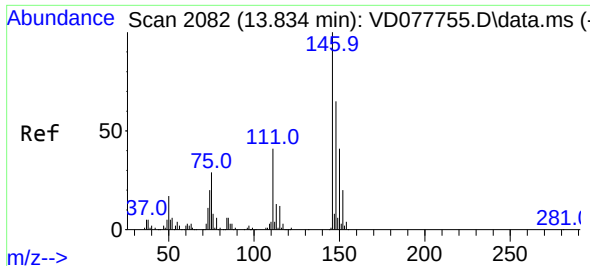
Tgt Ion:146 Resp: 205880
Ion Ratio Lower Upper
146 100
111 34.6 26.6 49.4
148 63.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 23.768 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion:146 Resp: 211883
Ion Ratio Lower Upper
146 100
111 38.0 26.4 49.0
148 65.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 24.104 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :

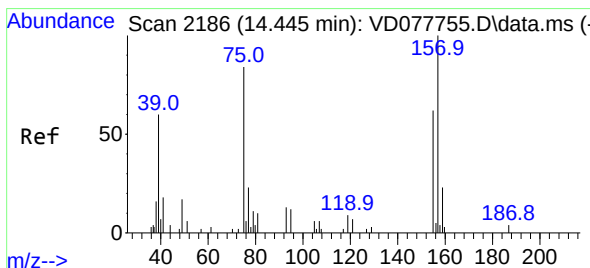
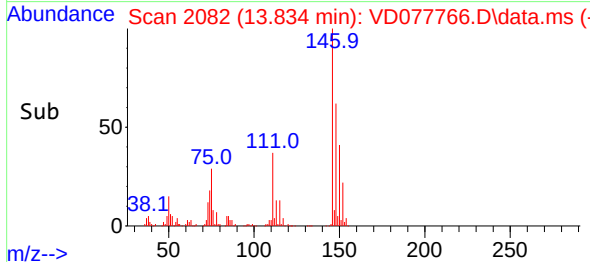
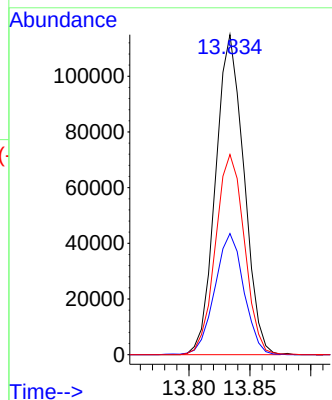
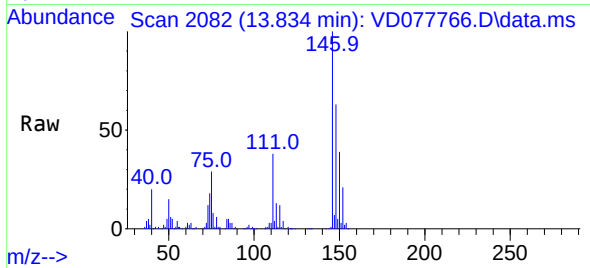
Tgt Ion:146 Resp: 186337

Ion Ratio Lower Upper

146 100

111 37.9 31.4 47.2

148 62.5 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.027 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

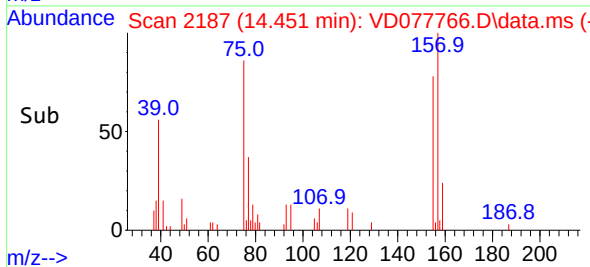
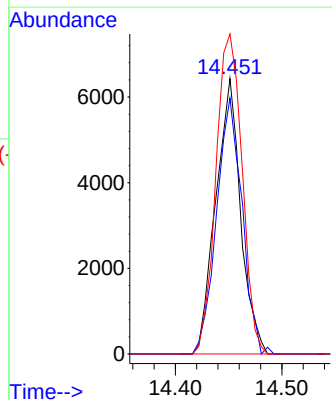
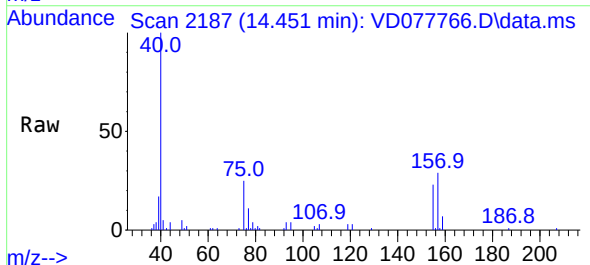
Tgt Ion: 75 Resp: 10406

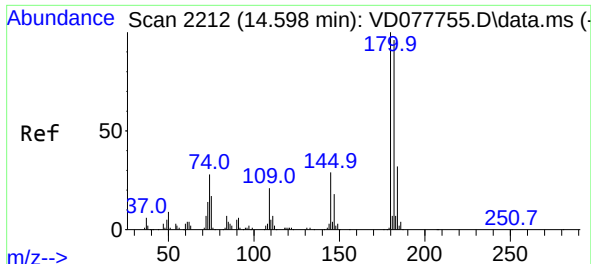
Ion Ratio Lower Upper

75 100

155 92.9 69.2 103.8

157 121.8 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 23.769 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.000 min

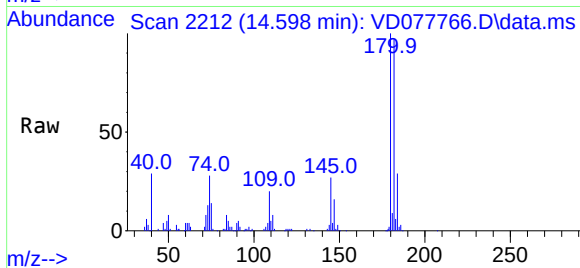
Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 139045

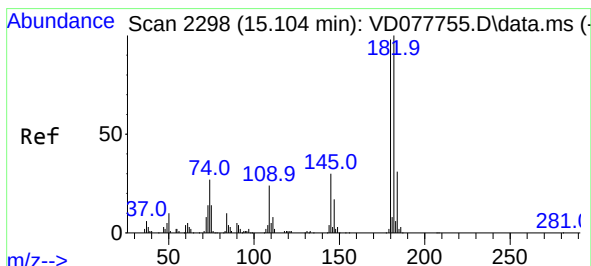
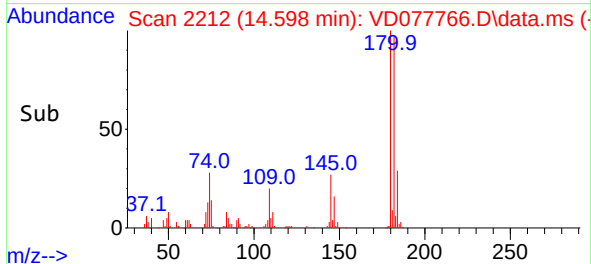
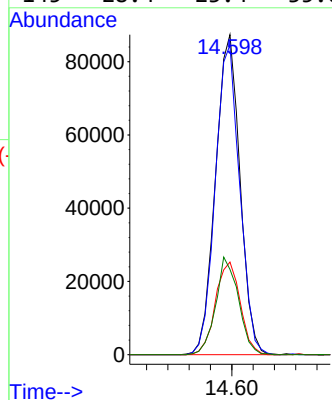
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

184 29.4 24.3 36.5

145 28.4 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 22.403 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077766.D

Acq: 06 Dec 2023 17:14

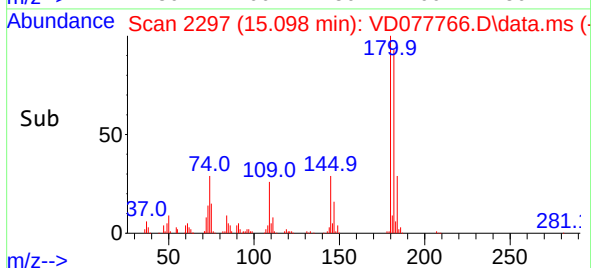
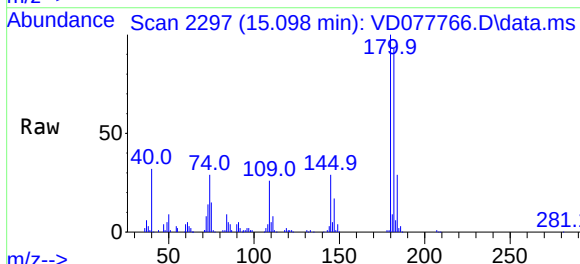
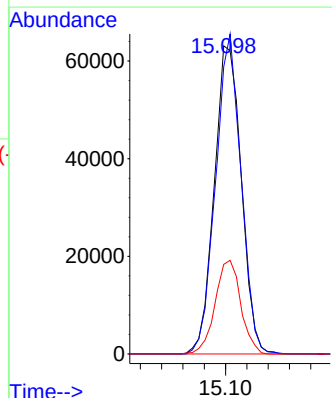
Tgt Ion:180 Resp: 111256

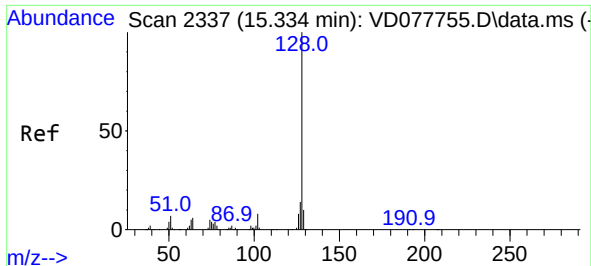
Ion Ratio Lower Upper

180 100

182 97.6 77.0 115.6

145 28.8 23.9 35.9

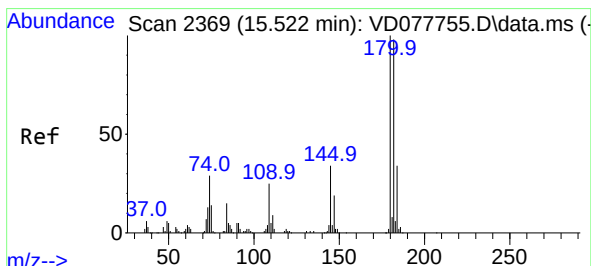
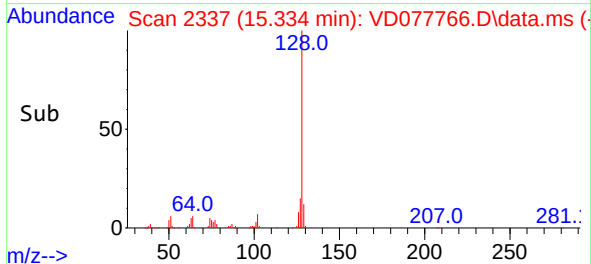
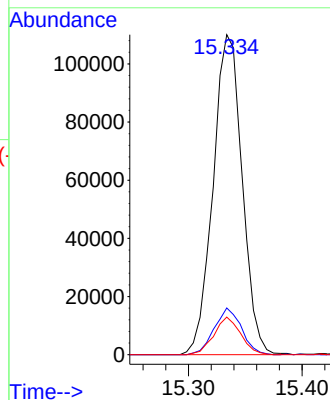
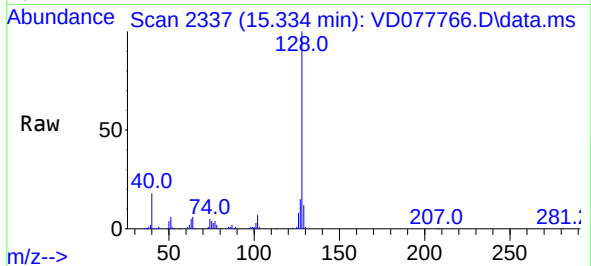




#71
Naphthalene
Concen: 21.576 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 195895
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.375 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077766.D
Acq: 06 Dec 2023 17:14

Tgt Ion:180 Resp: 97411
Ion Ratio Lower Upper
180 100
182 95.0 77.3 115.9
145 30.8 25.2 37.8

