

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077640.D
 Acq On : 18 Nov 2023 19:47
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	262672	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	247536	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	128007	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	112096	16.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.120%
7) Chloroethane-d5	2.805	69	105319	20.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.240%
11) 1,1-Dichloroethene-d2	3.911	65	34762	16.824	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.280%
21) 2-Butanone-d5	6.987	46	70812	61.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.420%
24) Chloroform-d	7.569	84	177717	23.421	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.228	65	101874	25.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.960%
32) Benzene-d6	8.199	84	328899	20.472	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.880%
36) 1,2-Dichloropropane-d6	9.210	67	117060	22.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.480%
41) Toluene-d8	10.269	98	292571	20.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	10.522	79	49569	21.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.875	63	55164	58.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.860%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102251	29.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	104770	23.007	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	88205	20.851	ug/L	99
3) Chloromethane	2.146	50	136319	22.398	ug/L	96
5) Vinyl chloride	2.287	62	152382	22.183	ug/L	97
6) Bromomethane	2.699	94	89463	24.462	ug/L	95
8) Chloroethane	2.840	64	102108	23.910	ug/L	94
9) Trichlorofluoromethane	3.181	101	143442	22.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	86877	22.583	ug/L	98
12) 1,1-Dichloroethene	3.940	96	79268	21.221	ug/L	94
13) Acetone	4.022	43	59952	49.301	ug/L	98
14) Carbon disulfide	4.269	76	257748	19.163	ug/L	98
15) Methyl Acetate	4.558	43	55826	27.905	ug/L	99
16) Methylene chloride	4.805	84	115680	26.084	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	88774	22.593	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	248853	26.984	ug/L	99
19) 1,1-Dichloroethane	6.111	63	192614	24.432	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	105262	24.657	ug/L	97
22) 2-Butanone	7.087	43	74958	51.230	ug/L	97
23) Bromochloromethane	7.422	128	43931	25.611	ug/L	95
25) Chloroform	7.593	83	185251	25.579	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

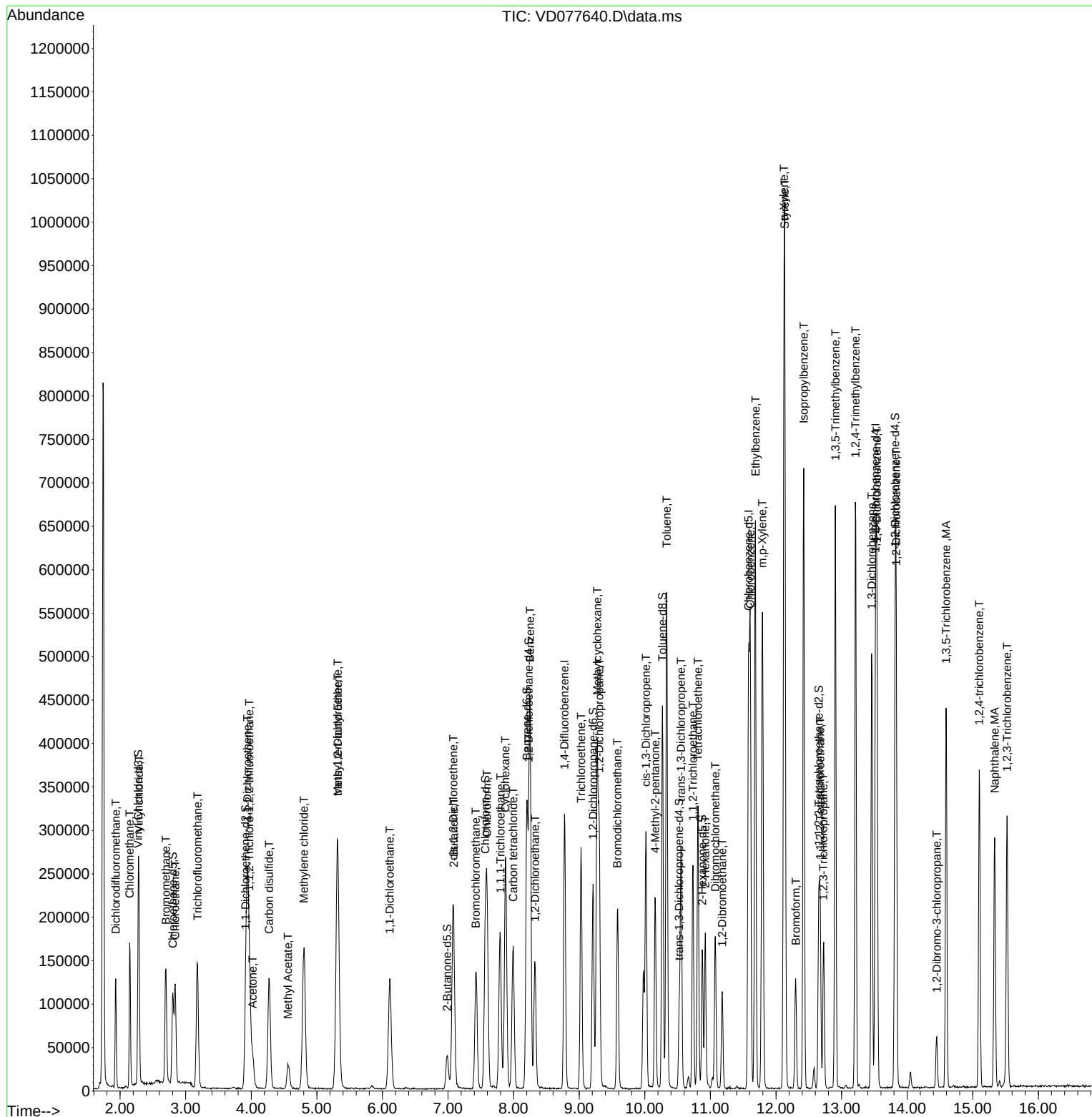
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	132728	27.646	ug/L	97
29) Cyclohexane	7.875	56	150729	18.754	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	146352	22.585	ug/L	99
31) Carbon tetrachloride	7.993	117	123920	22.251	ug/L	99
33) Benzene	8.252	78	397233	23.141	ug/L	100
34) Trichloroethene	9.028	95	95926	22.552	ug/L	93
35) Methylcyclohexane	9.275	83	152710	19.895	ug/L	98
37) 1,2-Dichloropropane	9.305	63	119871	25.119	ug/L	98
38) Bromodichloromethane	9.581	83	140263	25.625	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	176695	24.096	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	158000	54.332	ug/L	99
42) Toluene	10.334	91	415216	23.039	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	153865	25.394	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	79952	27.409	ug/L	93
46) Tetrachloroethene	10.810	164	69260	22.130	ug/L	92
48) 2-Hexanone	10.922	43	116160	50.394	ug/L	97
49) Dibromochloromethane	11.075	129	88553	26.725	ug/L	93
50) 1,2-Dibromoethane	11.181	107	75402	27.031	ug/L	96
51) Chlorobenzene	11.610	112	260054	24.630	ug/L	97
52) Ethylbenzene	11.687	91	467239	23.562	ug/L	98
53) m,p-Xylene	11.793	106	169273	23.458	ug/L	100
54) o-Xylene	12.122	106	164711	23.832	ug/L	100
55) Styrene	12.134	104	305179	25.290	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	98892	28.778	ug/L	95
59) Bromoform	12.304	173	55044	25.221	ug/L	97
60) Isopropylbenzene	12.422	105	449162	21.693	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	70054	25.692	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	338914	21.567	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	358043	22.493	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	193321	22.759	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	200392	23.376	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	177441	23.627	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.451	75	14740	24.853	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.592	180	126201	21.820	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	113528	23.290	ug/L	99
71) Naphthalene	15.334	128	237217	25.821	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	101598	24.444	ug/L	99

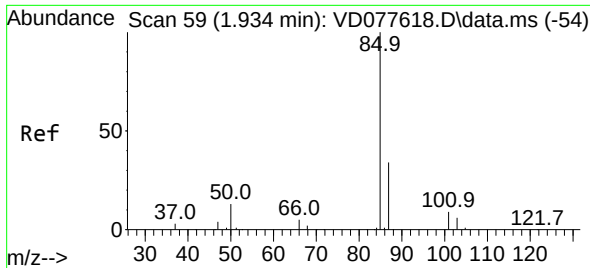
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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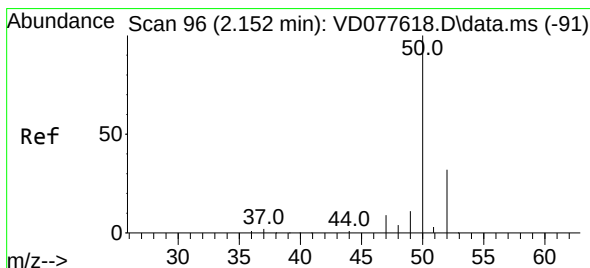
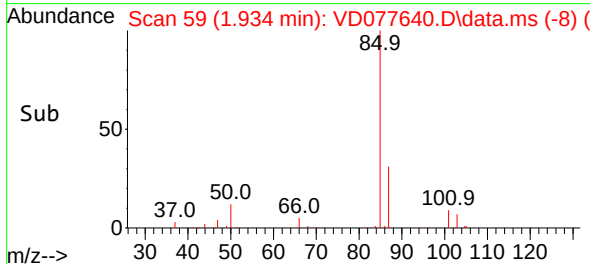
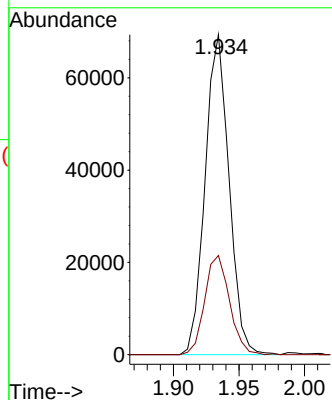
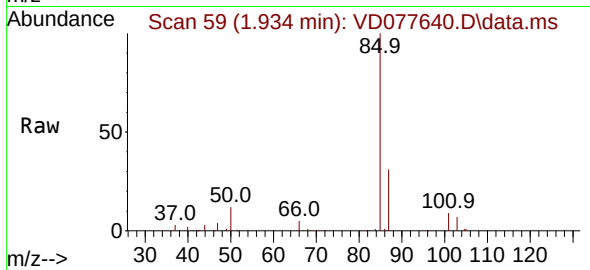




#2
 Dichlorodifluoromethane
 Concen: 20.851 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD077640.D
 Acq: 18 Nov 2023 19:47

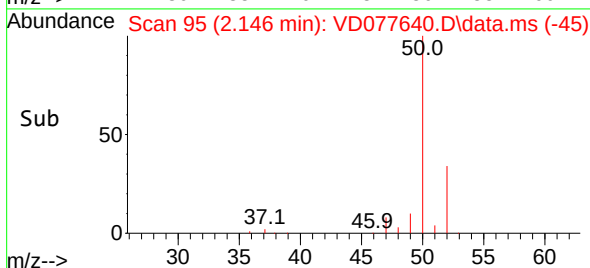
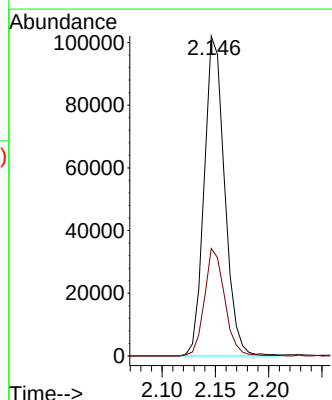
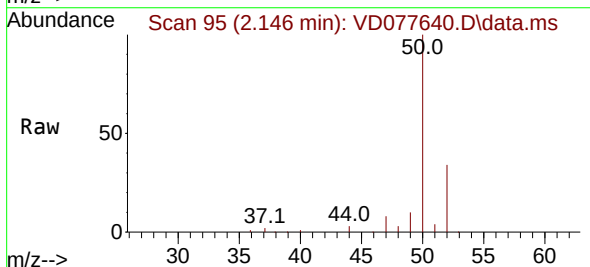
Instrument :
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 ClientSampleId :

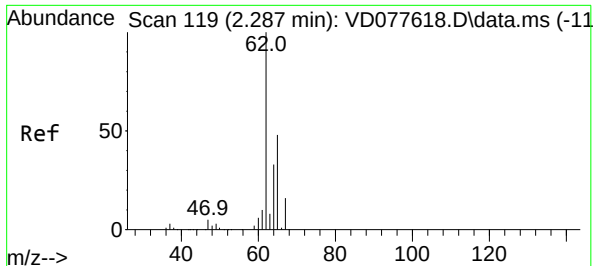
Tgt Ion: 85 Resp: 88205
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.2



#3
 Chloromethane
 Concen: 22.398 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD077640.D
 Acq: 18 Nov 2023 19:47

Tgt Ion: 50 Resp: 136319
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.1 41.1

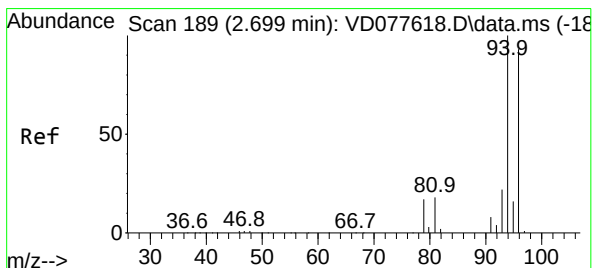
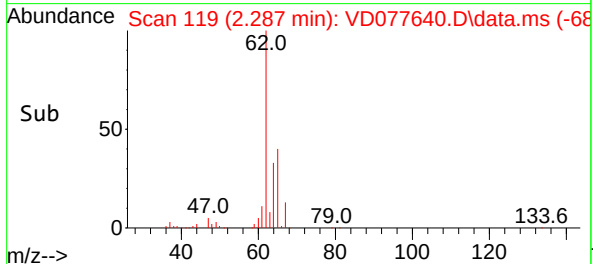
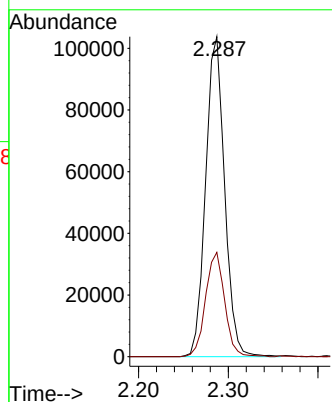
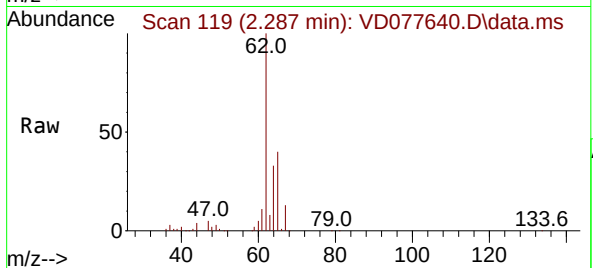




#5
 Vinyl chloride
 Concen: 22.183 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD077640.D
 Acq: 18 Nov 2023 19:47

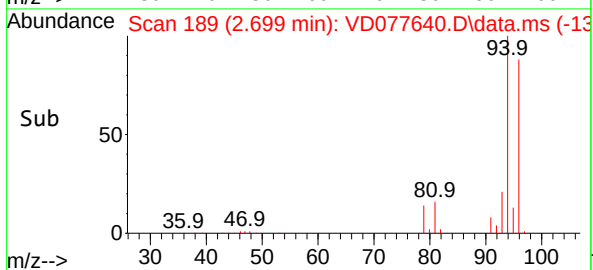
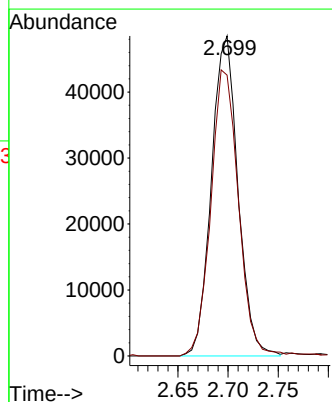
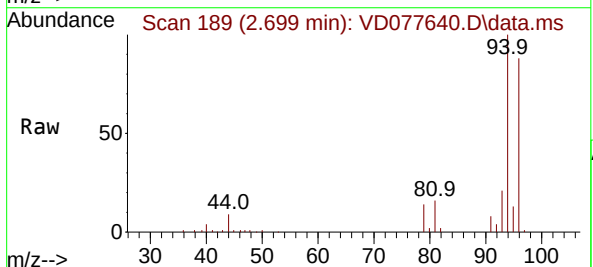
Instrument :
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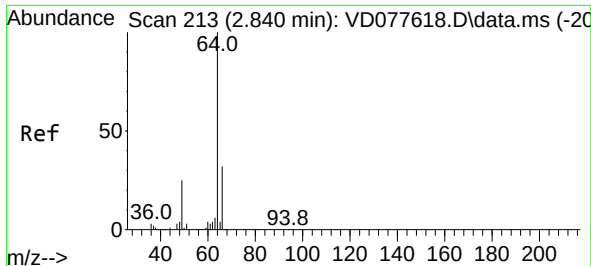
Tgt Ion: 62 Resp: 152382
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.9 44.5



#6
 Bromomethane
 Concen: 24.462 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD077640.D
 Acq: 18 Nov 2023 19:47

Tgt Ion: 94 Resp: 89463
 Ion Ratio Lower Upper
 94 100
 96 87.7 64.5 119.9

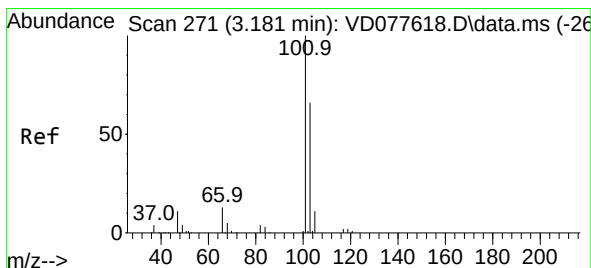
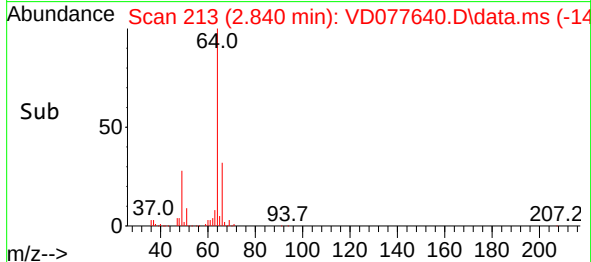
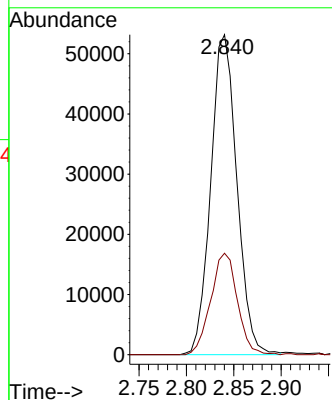
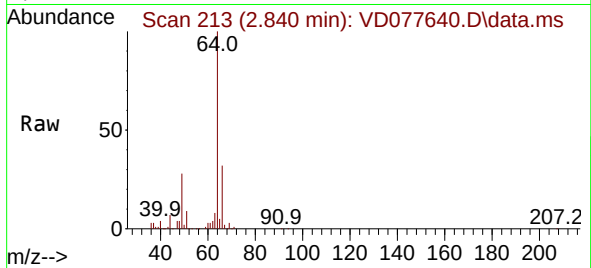




#8
Chloroethane
Concen: 23.910 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

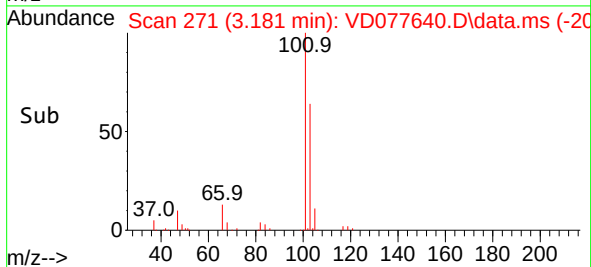
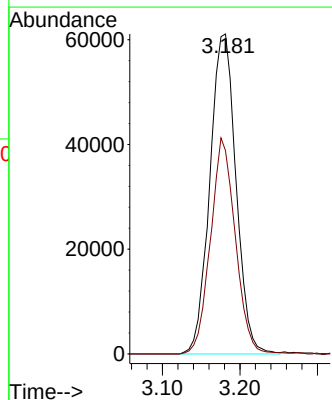
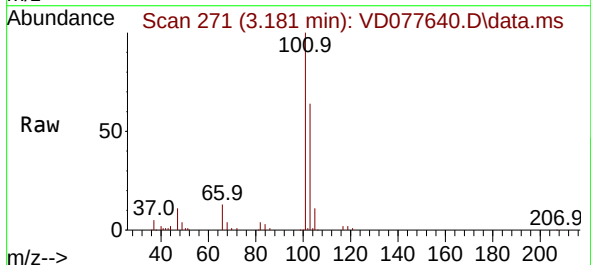
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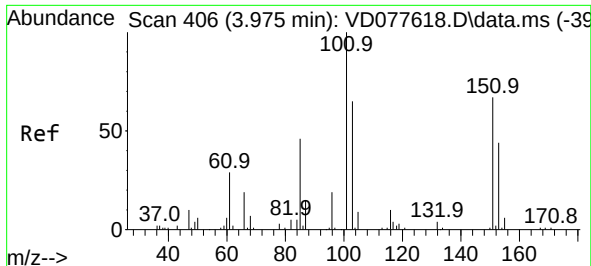
Tgt Ion: 64 Resp: 102108
Ion Ratio Lower Upper
64 100
66 31.7 19.8 36.8



#9
Trichlorofluoromethane
Concen: 22.945 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:101 Resp: 143442
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

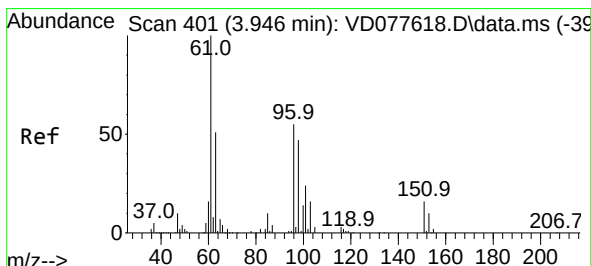
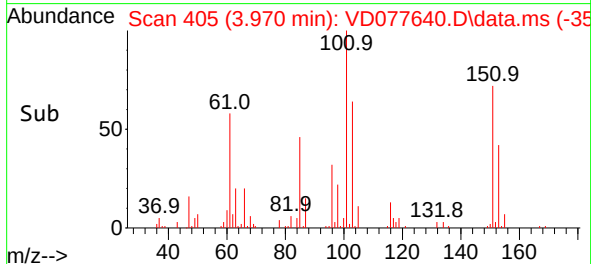
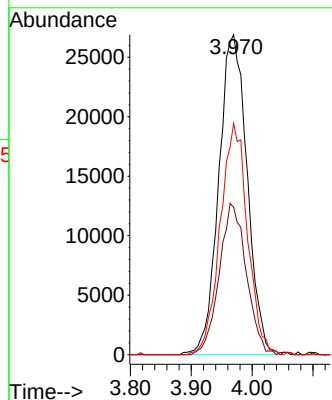
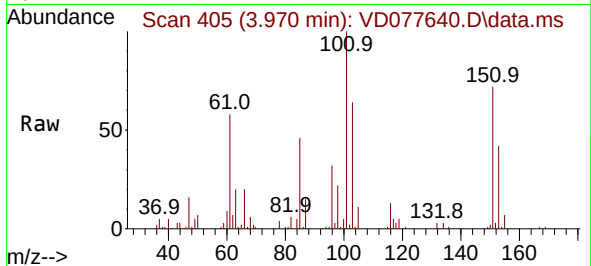




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.583 ug/L
 RT: 3.970 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD077640.D
 Acq: 18 Nov 2023 19:47

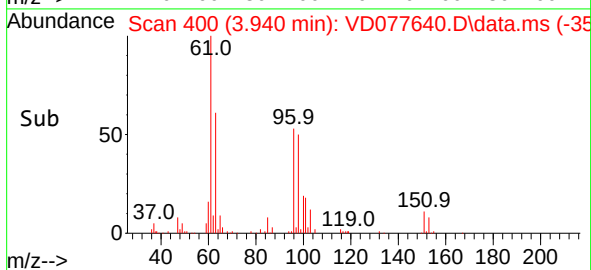
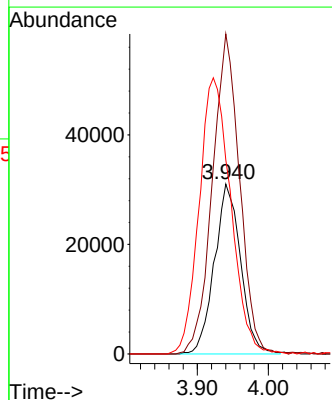
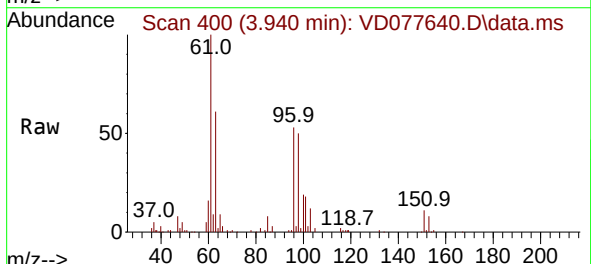
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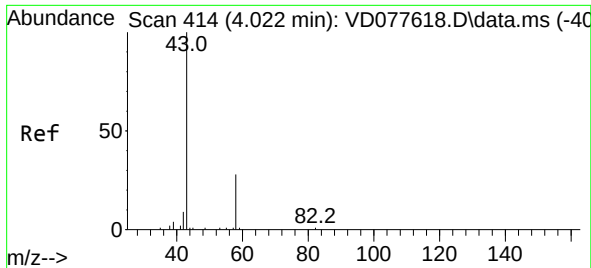
Tgt Ion:101 Resp: 86877
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.8 55.2
 151 69.3 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 21.221 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD077640.D
 Acq: 18 Nov 2023 19:47

Tgt Ion: 96 Resp: 79268
 Ion Ratio Lower Upper
 96 100
 61 188.3 127.5 236.9
 63 114.3 86.4 160.4





#13

Acetone

Concen: 49.301 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

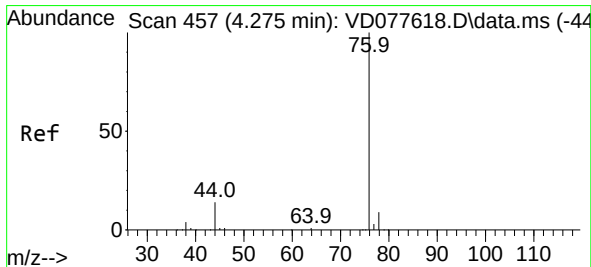
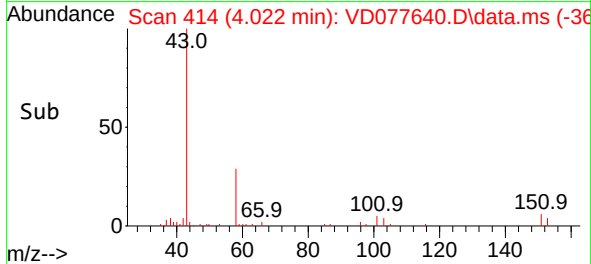
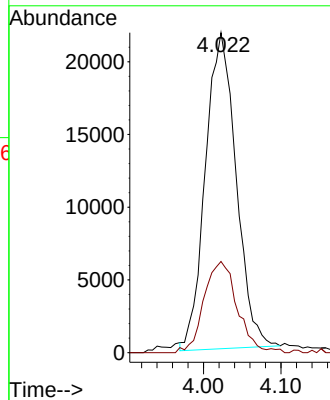
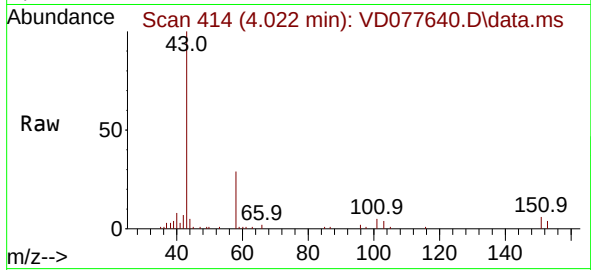
ClientSampleId :

Tgt Ion: 43 Resp: 59952

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.0



#14

Carbon disulfide

Concen: 19.163 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD077640.D

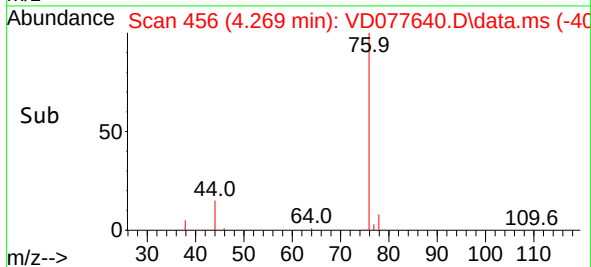
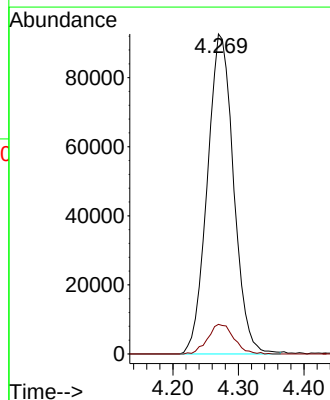
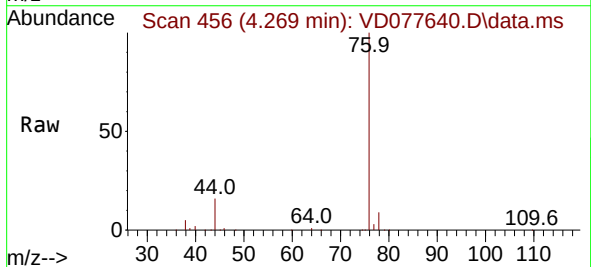
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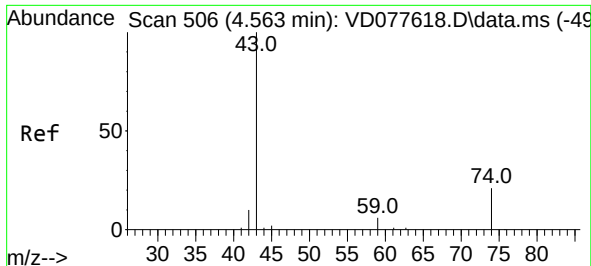
Tgt Ion: 76 Resp: 257748

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3

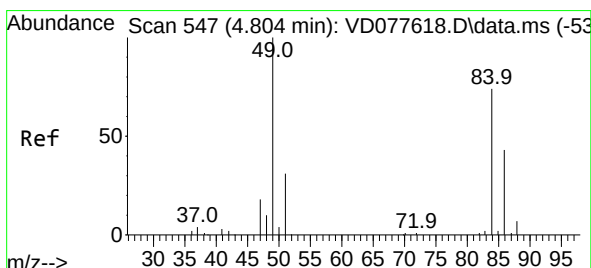
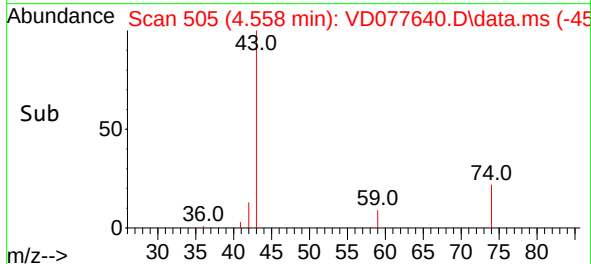
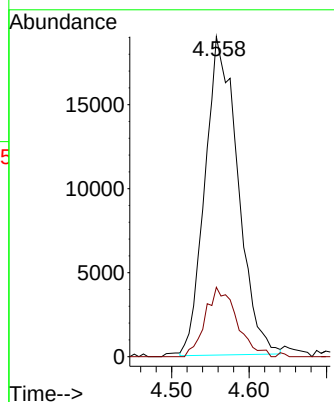
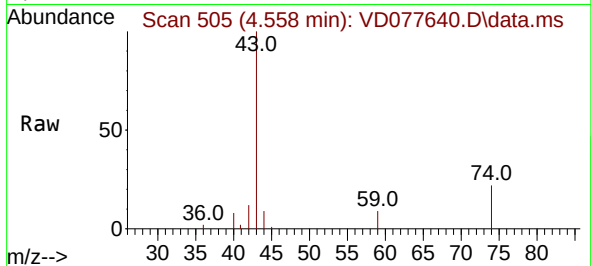




#15
Methyl Acetate
Concen: 27.905 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

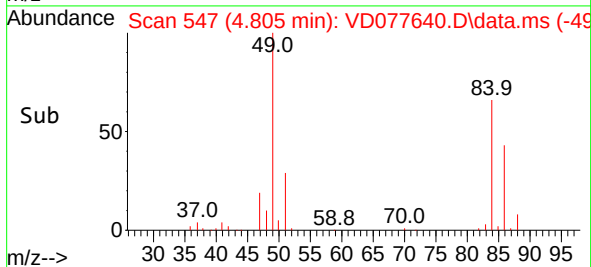
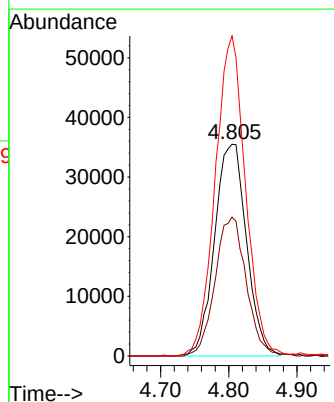
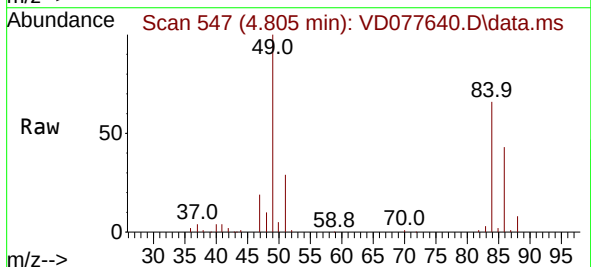
Instrument :
MSVOA_D
ClientSampleId :

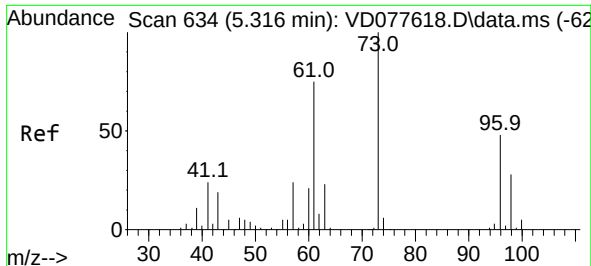
Tgt Ion: 43 Resp: 55826
Ion Ratio Lower Upper
43 100
74 20.4 16.6 24.8



#16
Methylene chloride
Concen: 26.084 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

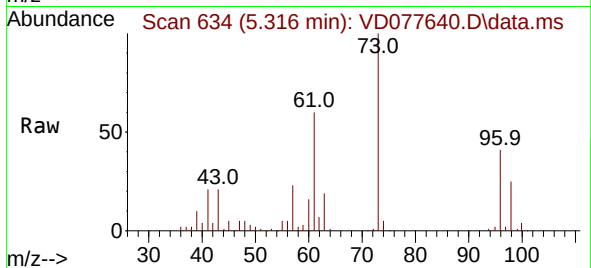
Tgt Ion: 84 Resp: 115680
Ion Ratio Lower Upper
84 100
86 65.6 46.5 86.5
49 151.1 98.3 182.7



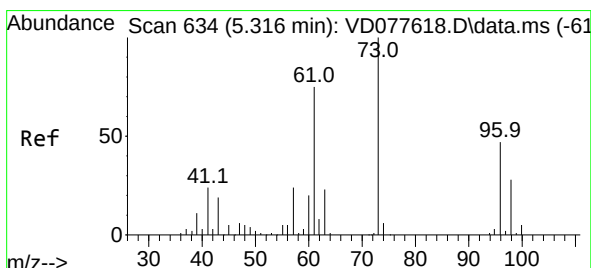
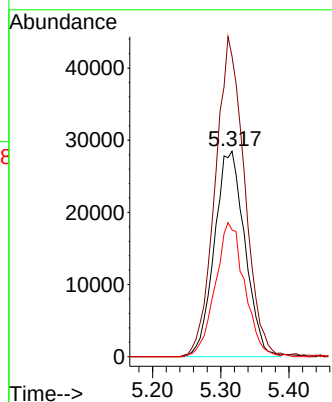
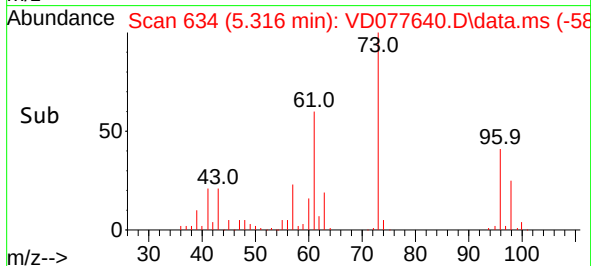


#17
trans-1,2-Dichloroethene
Concen: 22.593 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

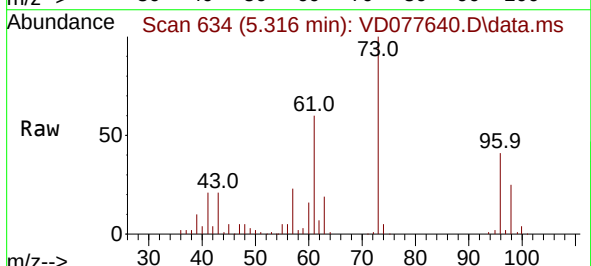
Instrument :
MSVOA_D
ClientSampleId :



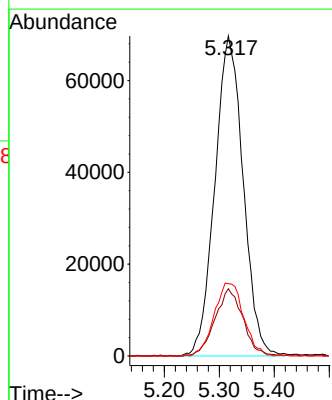
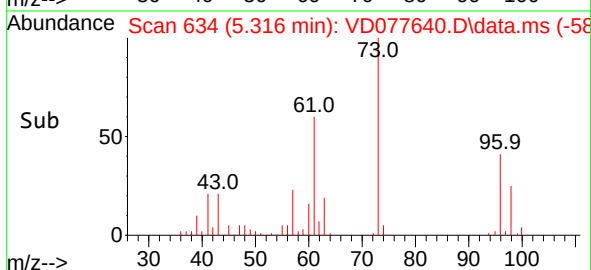
Tgt Ion: 96 Resp: 88774
Ion Ratio Lower Upper
96 100
61 146.1 104.0 193.2
98 61.7 43.1 80.1

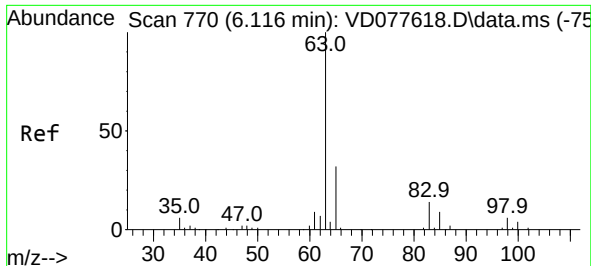


#18
Methyl tert-butyl Ether
Concen: 26.984 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47



Tgt Ion: 73 Resp: 248853
Ion Ratio Lower Upper
73 100
43 20.7 16.4 24.6
57 23.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.432 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

ClientSampleId :

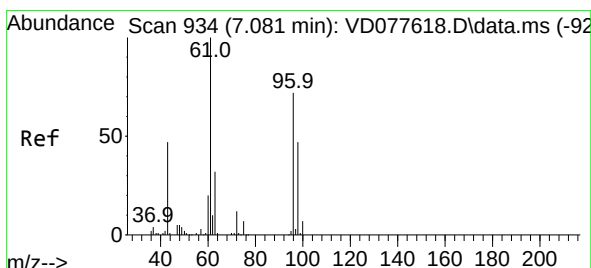
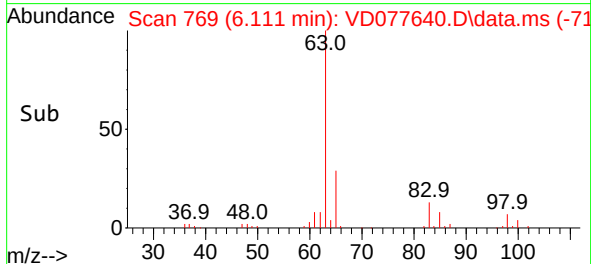
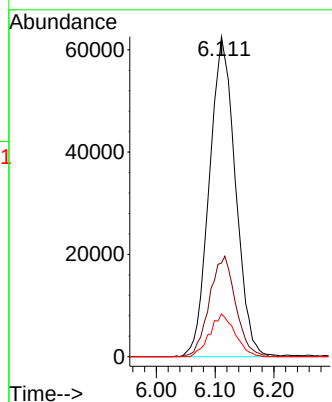
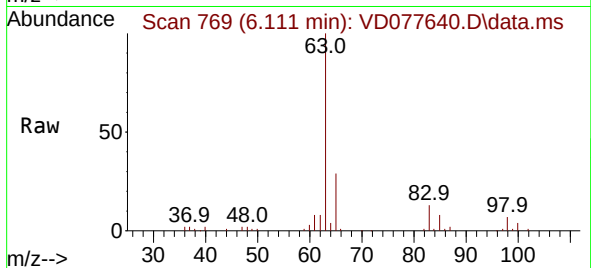
Tgt Ion: 63 Resp: 192614

Ion Ratio Lower Upper

63 100

65 29.3 22.6 42.0

83 13.3 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.657 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

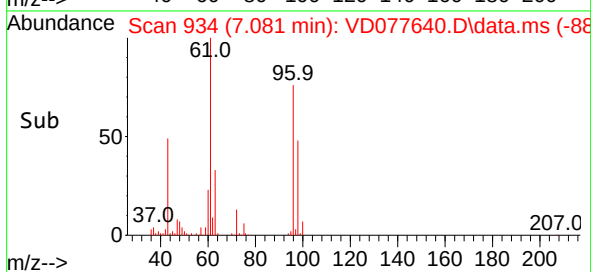
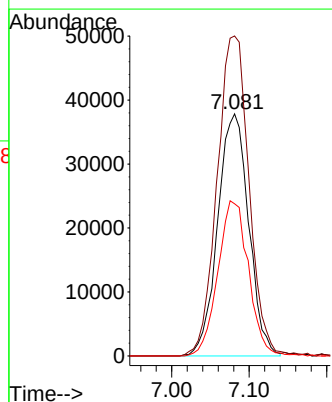
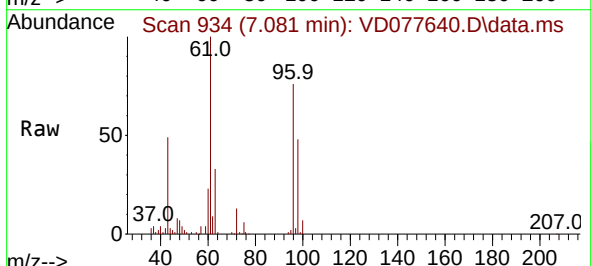
Tgt Ion: 96 Resp: 105262

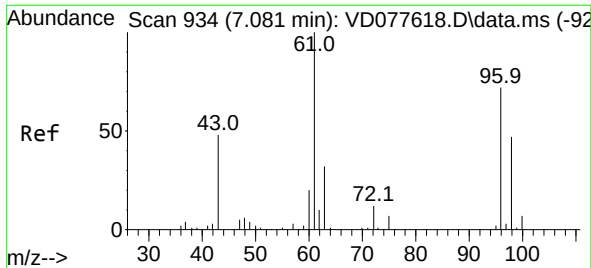
Ion Ratio Lower Upper

96 100

61 132.2 95.0 176.4

98 62.9 43.1 80.1

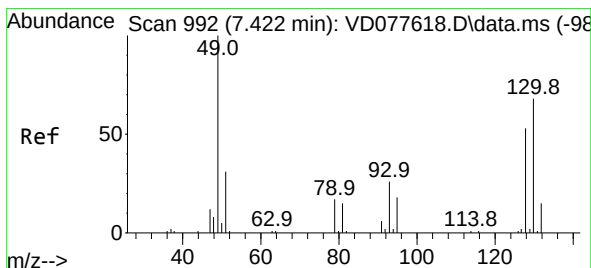
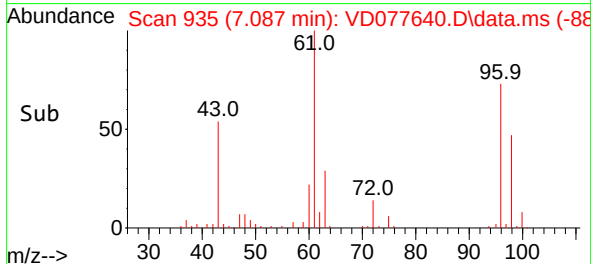
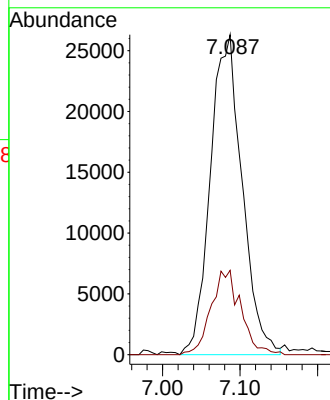
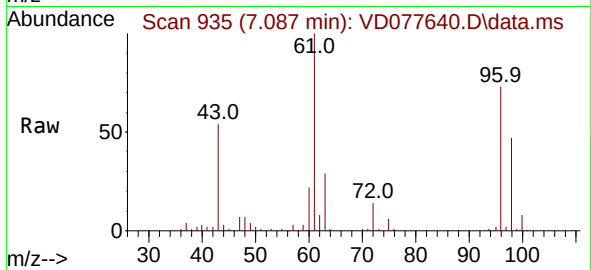




#22
2-Butanone
Concen: 51.230 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

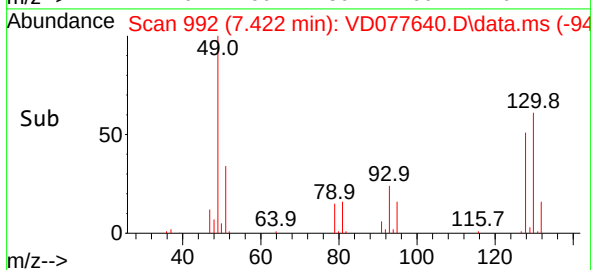
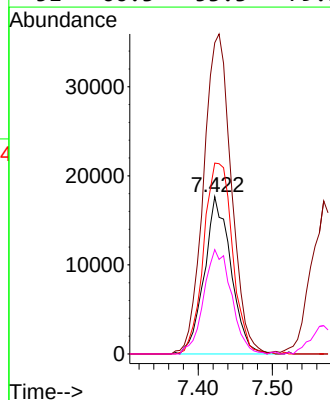
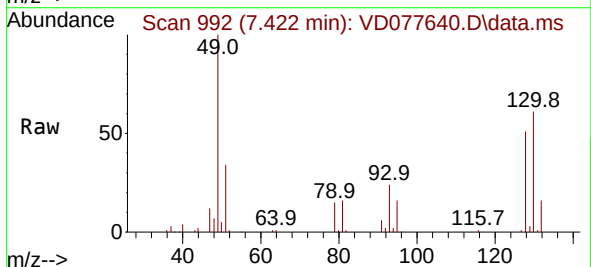
Instrument :
MSVOA_D
ClientSampleId :

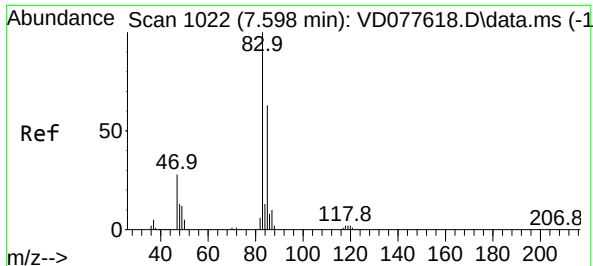
Tgt Ion: 43 Resp: 74958
Ion Ratio Lower Upper
43 100
72 24.0 12.8 38.4



#23
Bromochloromethane
Concen: 25.611 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:128 Resp: 43931
Ion Ratio Lower Upper
128 100
49 197.9 146.7 272.5
130 121.3 83.2 154.6
51 66.3 53.3 79.9





#25

Chloroform

Concen: 25.579 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

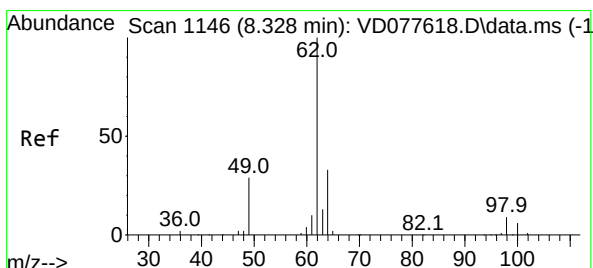
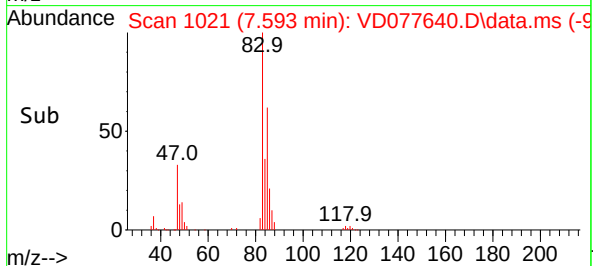
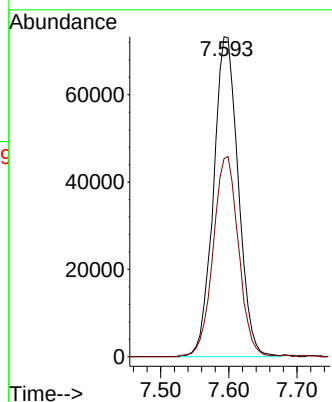
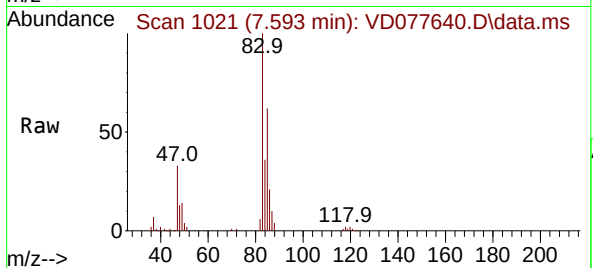
ClientSampleId :

Tgt Ion: 83 Resp: 185251

Ion Ratio Lower Upper

83 100

85 61.9 45.9 85.3



#27

1,2-Dichloroethane

Concen: 27.646 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077640.D

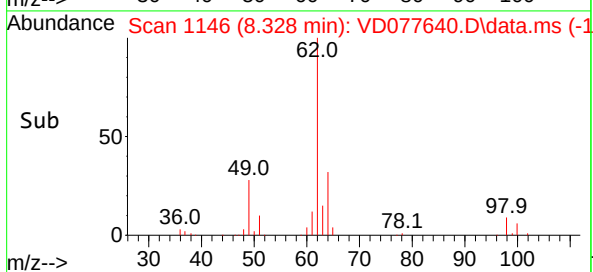
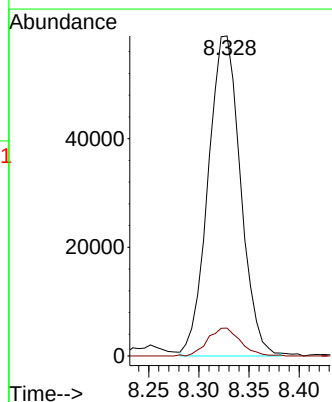
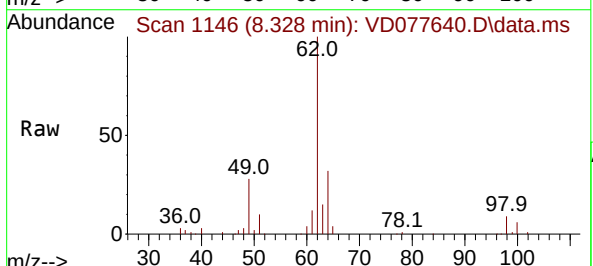
Acq: 18 Nov 2023 19:47

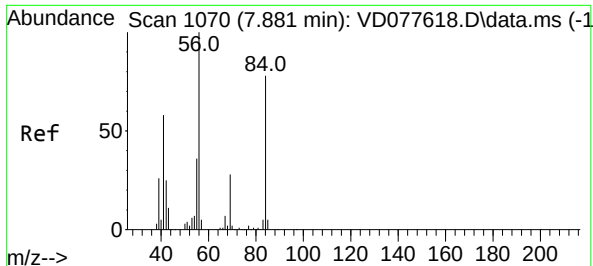
Tgt Ion: 62 Resp: 132728

Ion Ratio Lower Upper

62 100

98 8.7 8.0 12.0





#29

Cyclohexane

Concen: 18.754 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

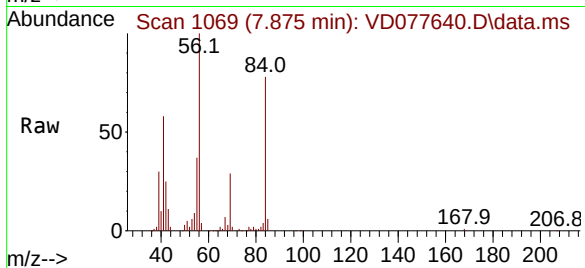
Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

ClientSampleId :



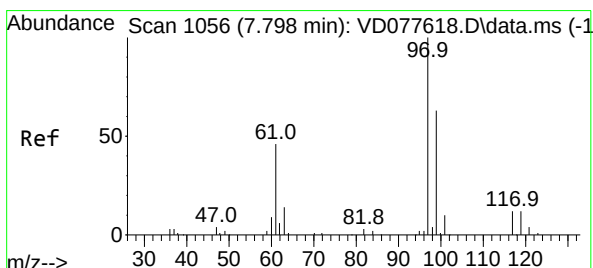
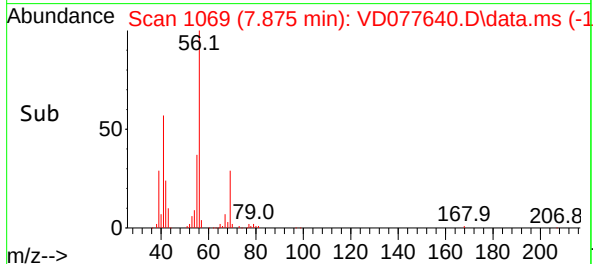
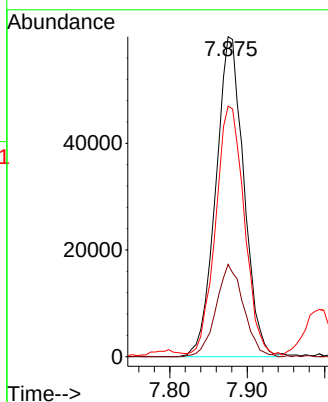
Tgt Ion: 56 Resp: 150729

Ion Ratio Lower Upper

56 100

69 28.3 22.6 33.8

84 80.9 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 22.585 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

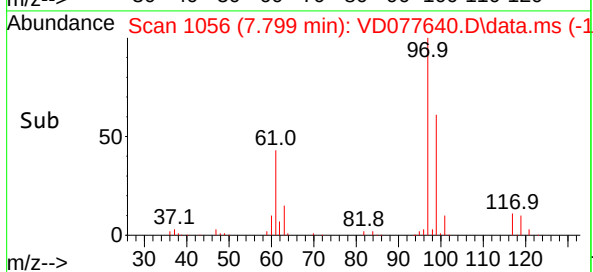
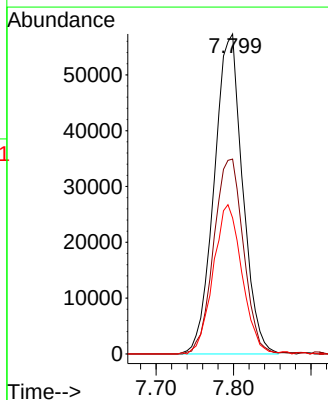
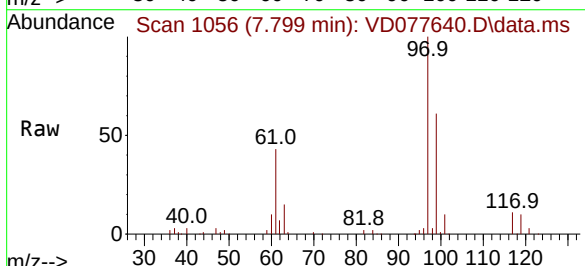
Tgt Ion: 97 Resp: 146352

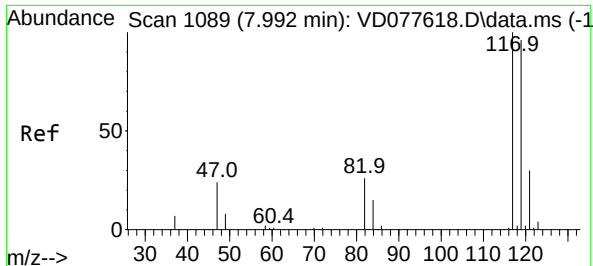
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.2

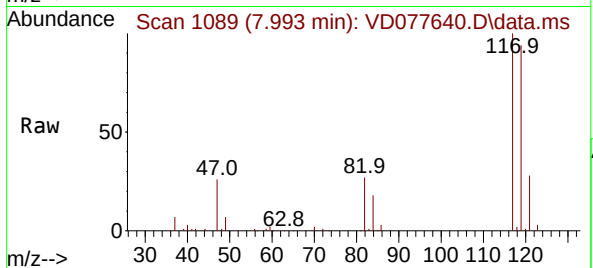
61 47.3 38.1 57.1



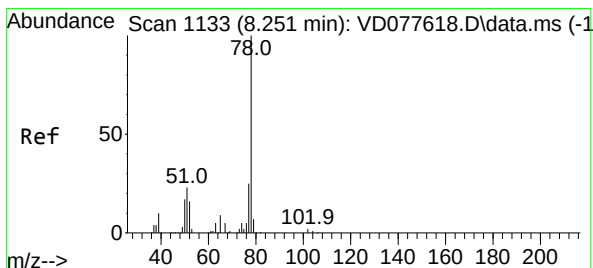
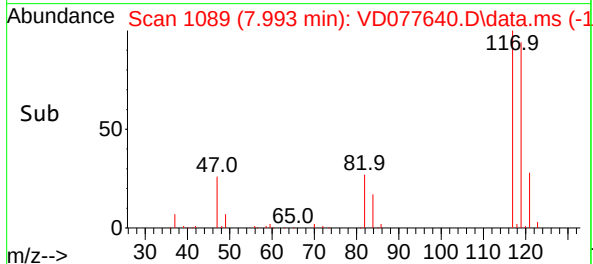
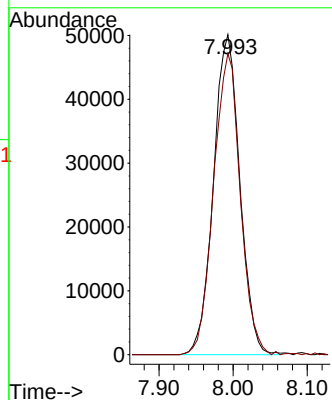


#31
Carbon tetrachloride
Concen: 22.251 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Instrument :
MSVOA_D
ClientSampleId :

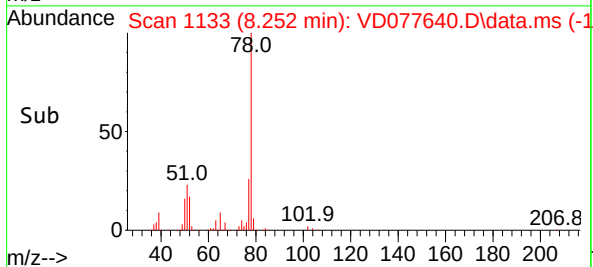
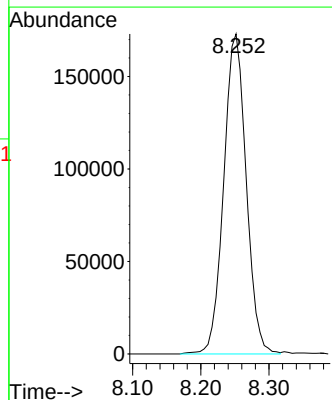
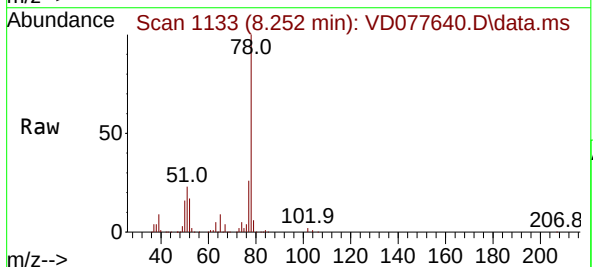


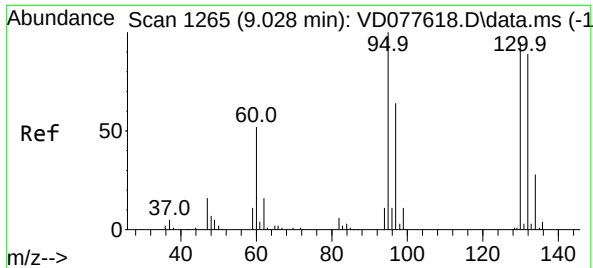
Tgt Ion:117 Resp: 123920
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0



#33
Benzene
Concen: 23.141 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion: 78 Resp: 397233

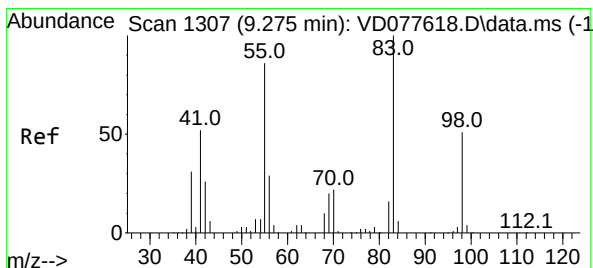
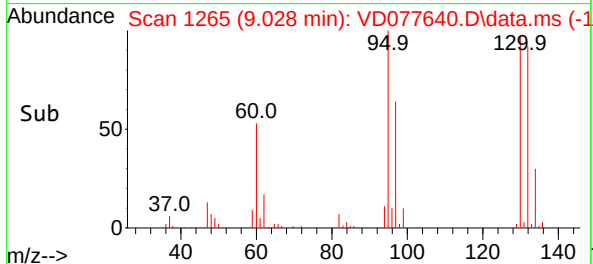
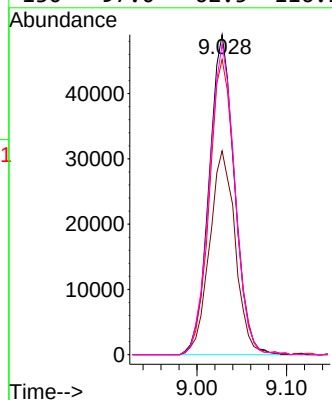
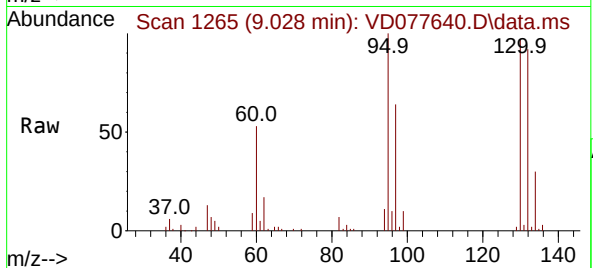




#34
Trichloroethene
Concen: 22.552 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

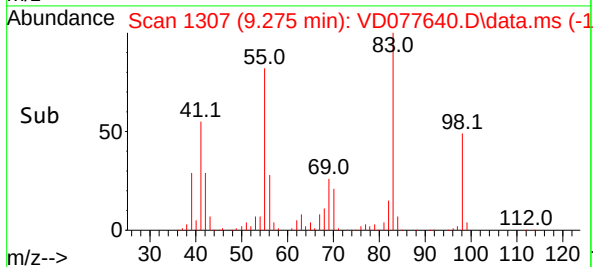
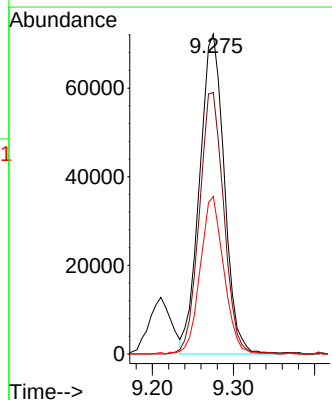
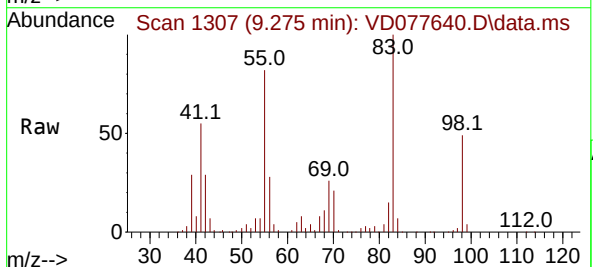
Instrument :
MSVOA_D
ClientSampleId :

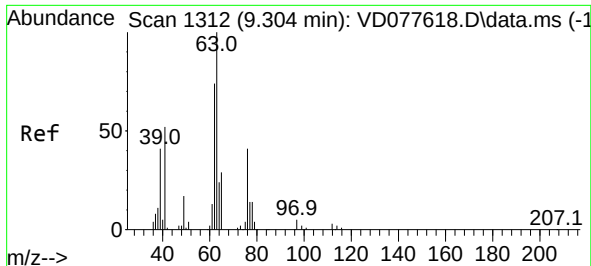
Tgt Ion:	95	Resp:	95926
Ion	Ratio	Lower	Upper
95	100		
97	63.7	42.4	78.6
132	92.3	59.4	110.2
130	97.0	62.5	116.1



#35
Methylcyclohexane
Concen: 19.895 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:	83	Resp:	152710
Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.5	99.7
98	47.0	37.4	56.2

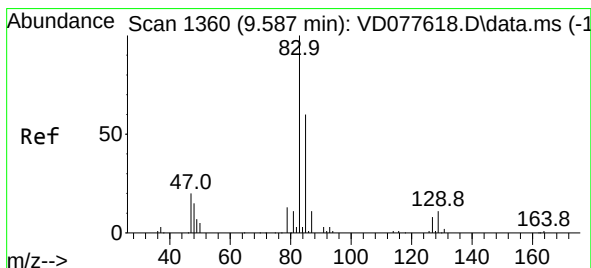
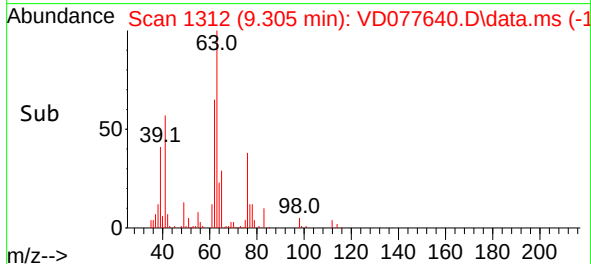
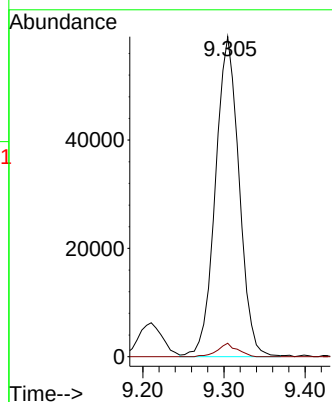
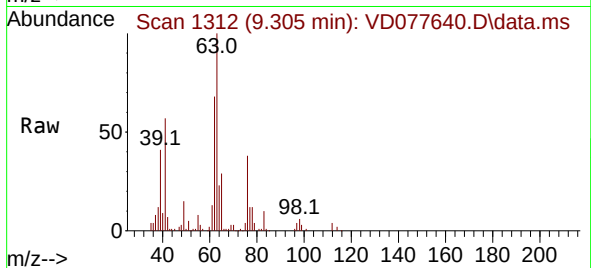




#37
1,2-Dichloropropane
Concen: 25.119 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

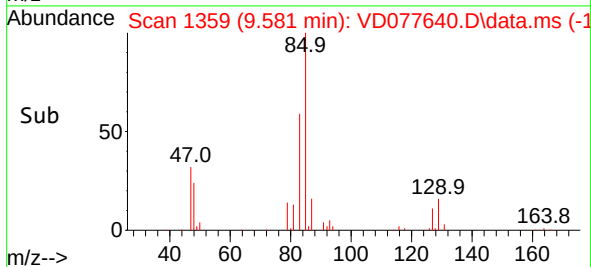
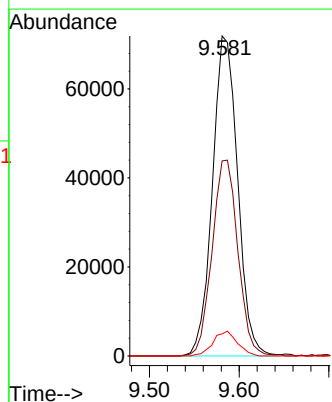
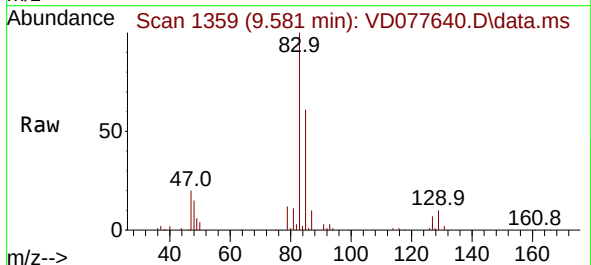
Instrument :
MSVOA_D
ClientSampleId :

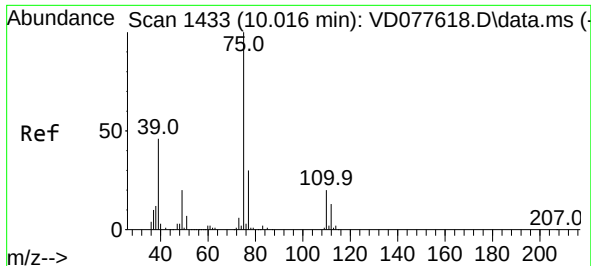
Tgt Ion: 63 Resp: 119871
Ion Ratio Lower Upper
63 100
112 3.5 3.2 4.8



#38
Bromodichloromethane
Concen: 25.625 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion: 83 Resp: 140263
Ion Ratio Lower Upper
83 100
85 60.9 42.4 78.8
127 6.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.096 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

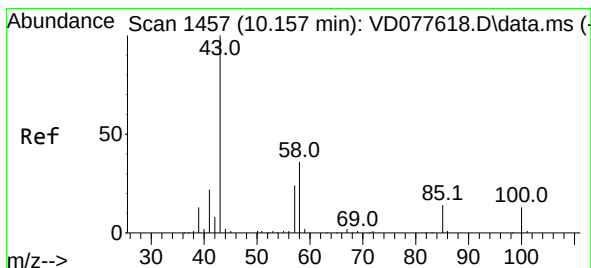
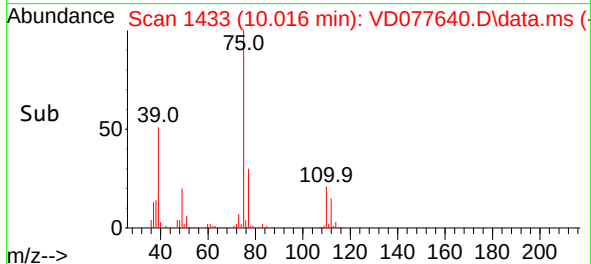
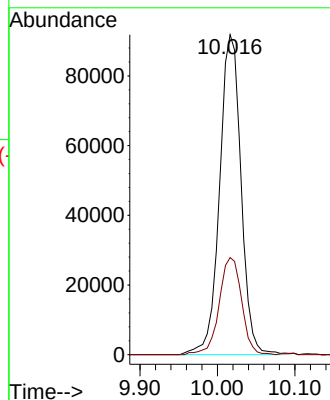
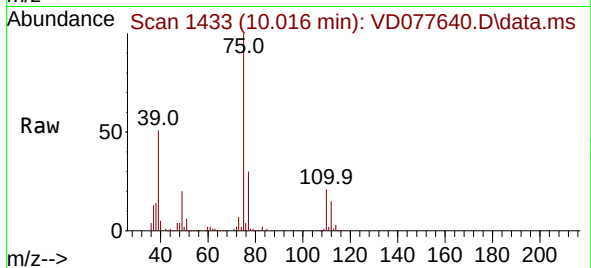
ClientSampleId :

Tgt Ion: 75 Resp: 176695

Ion Ratio Lower Upper

75 100

77 30.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.332 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

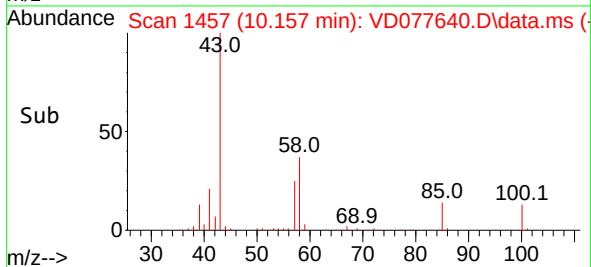
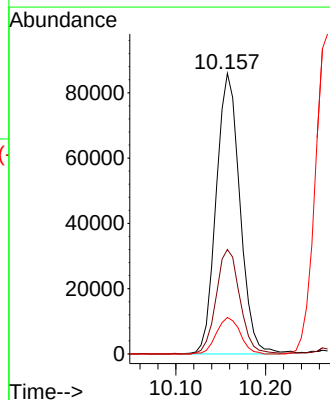
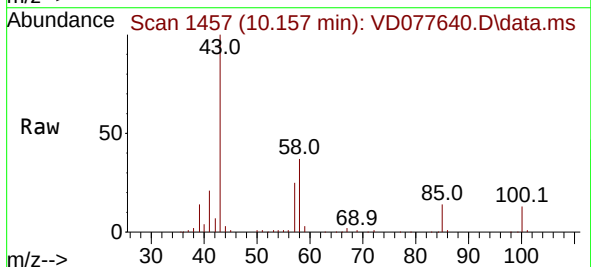
Tgt Ion: 43 Resp: 158000

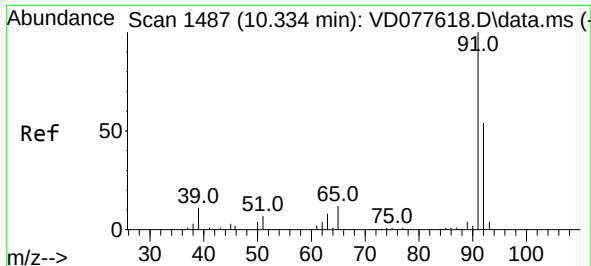
Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8

100 13.0 9.5 14.3

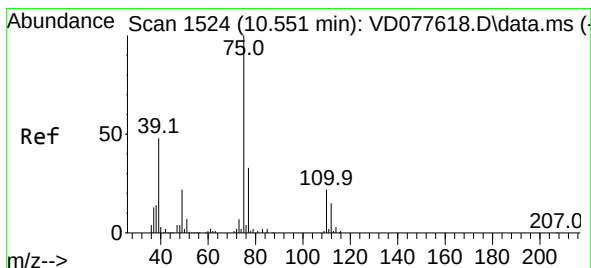
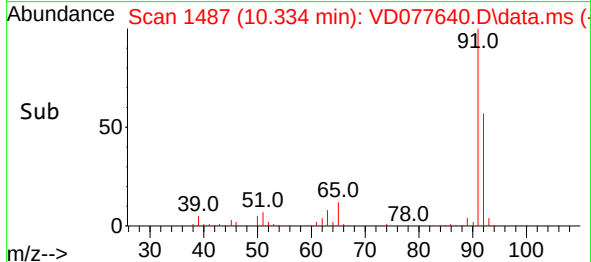
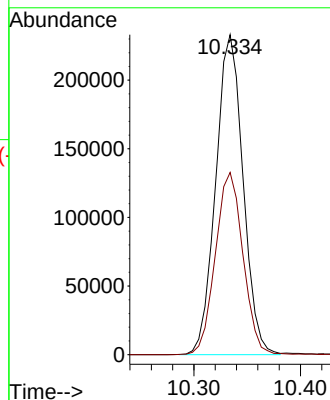
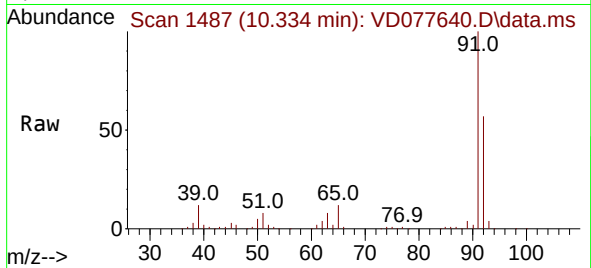




#42
Toluene
Concen: 23.039 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

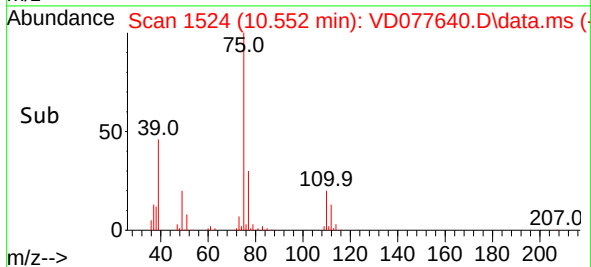
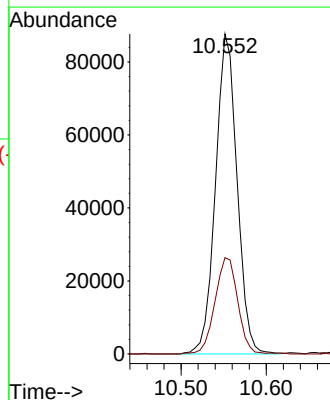
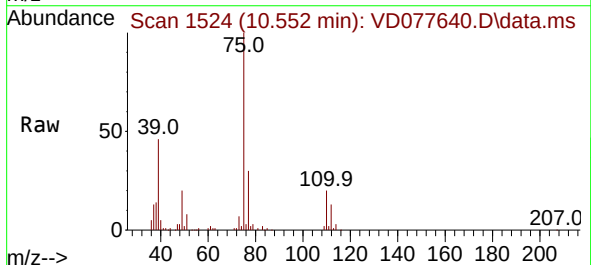
Instrument :
MSVOA_D
ClientSampleId :

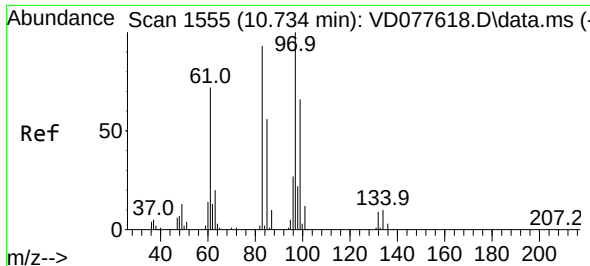
Tgt Ion: 91 Resp: 415216
Ion Ratio Lower Upper
91 100
92 56.9 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.394 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion: 75 Resp: 153865
Ion Ratio Lower Upper
75 100
77 30.1 22.3 41.5

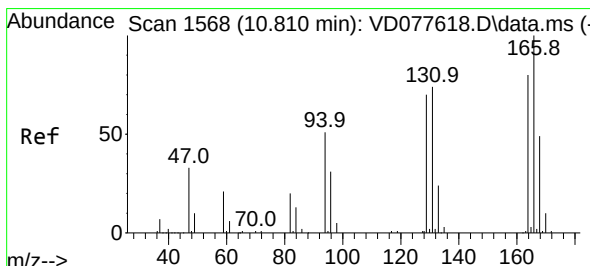
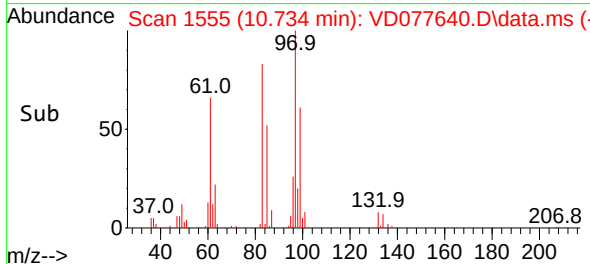
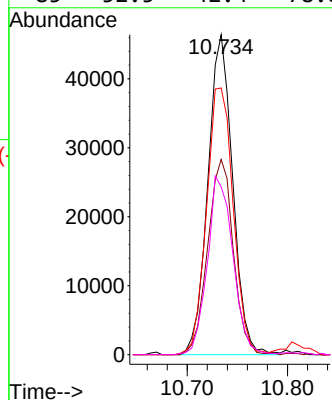
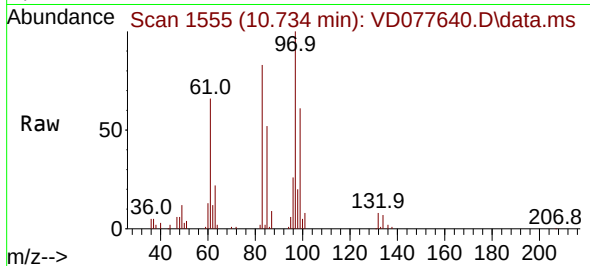




#45
1,1,2-Trichloroethane
Concen: 27.409 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

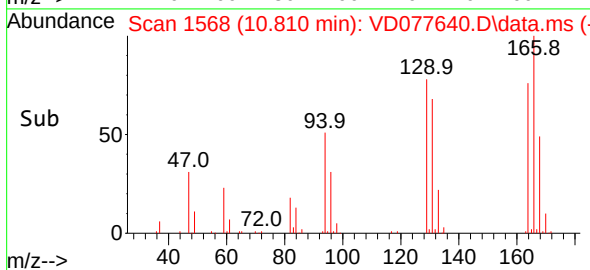
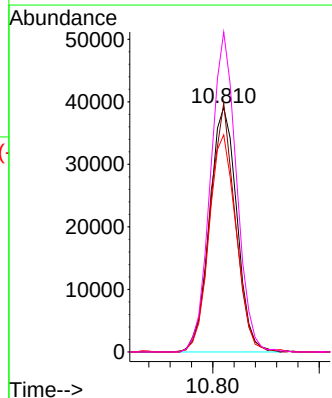
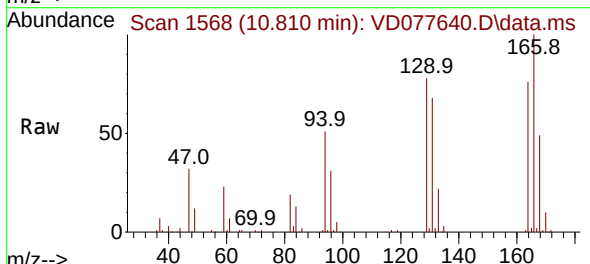
Instrument :
MSVOA_D
ClientSampleId :

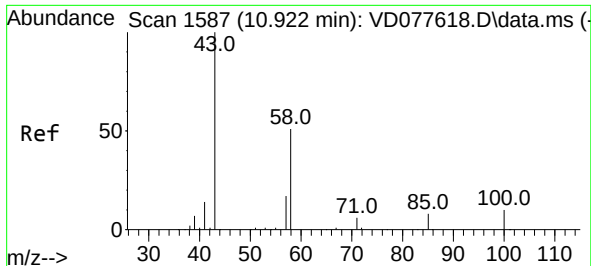
Tgt Ion:	97	Resp:	79952
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.5	80.7
83	83.3	63.1	117.3
85	52.5	42.4	78.8



#46
Tetrachloroethene
Concen: 22.130 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

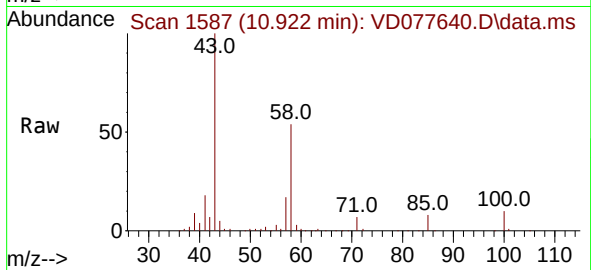
Tgt Ion:	164	Resp:	69260
Ion	Ratio	Lower	Upper
164	100		
129	101.8	60.6	112.6
131	88.8	61.6	114.4
166	130.9	85.4	158.6



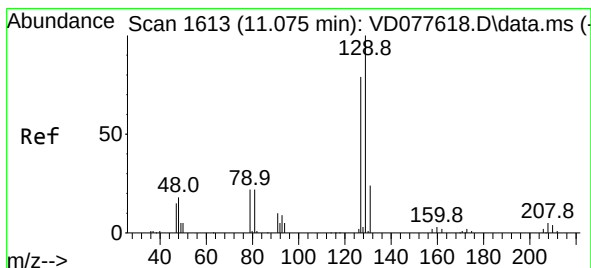
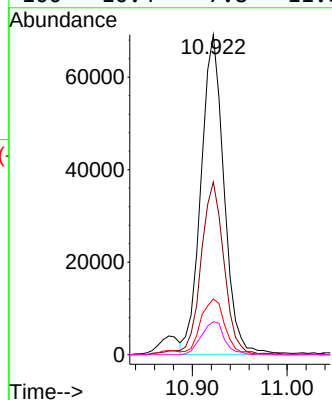
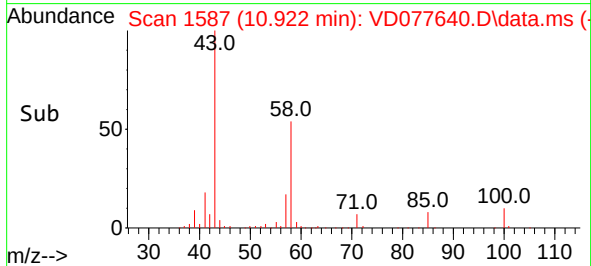


#48
2-Hexanone
Concen: 50.394 ug/L
RT: 10.922 min Scan# 116160
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Instrument :
MSVOA_D
ClientSampleId :

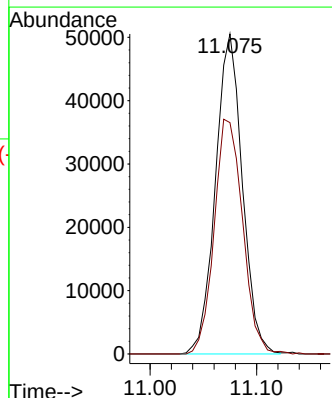
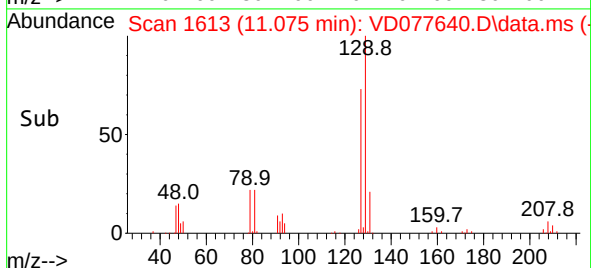
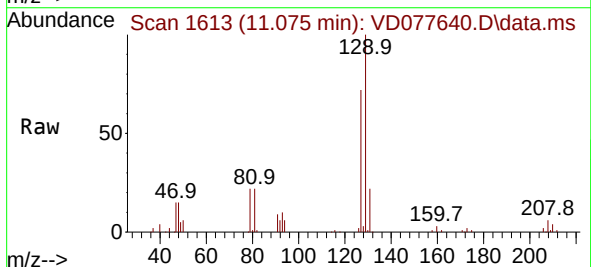


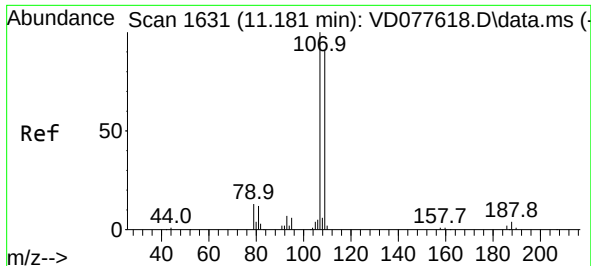
Tgt Ion: 43 Resp: 116160
Ion Ratio Lower Upper
43 100
58 53.6 40.8 61.2
57 18.7 13.7 20.5
100 10.4 7.8 11.8



#49
Dibromochloromethane
Concen: 26.725 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:129 Resp: 88553
Ion Ratio Lower Upper
129 100
127 72.3 54.9 102.1

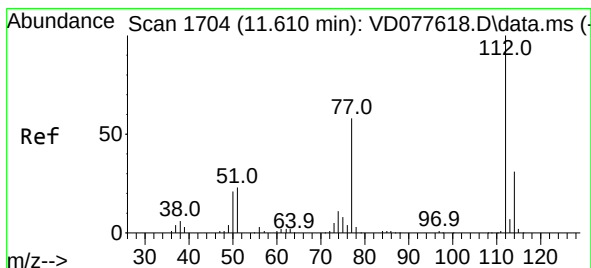
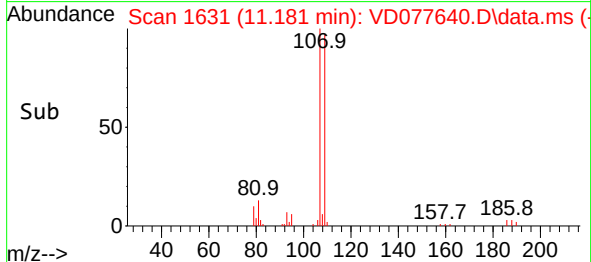
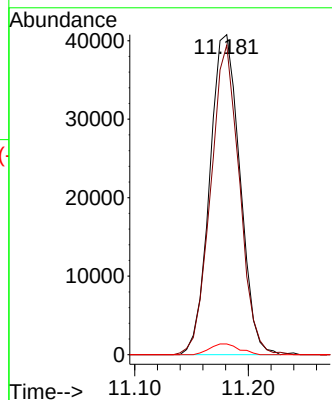
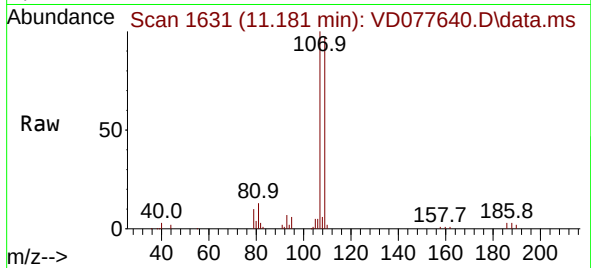




#50
1,2-Dibromoethane
Concen: 27.031 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

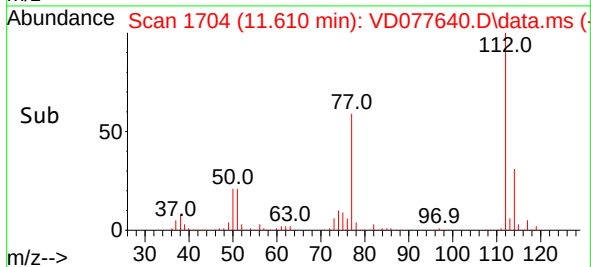
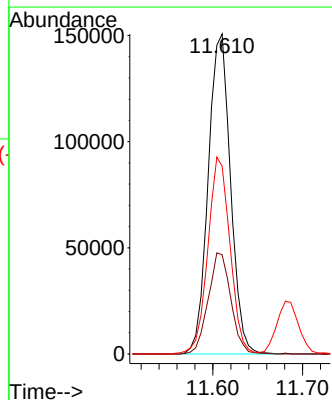
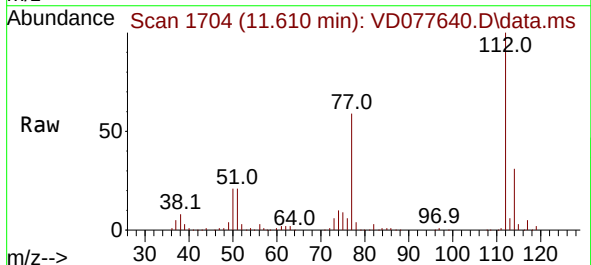
Instrument :
MSVOA_D
ClientSampleId :

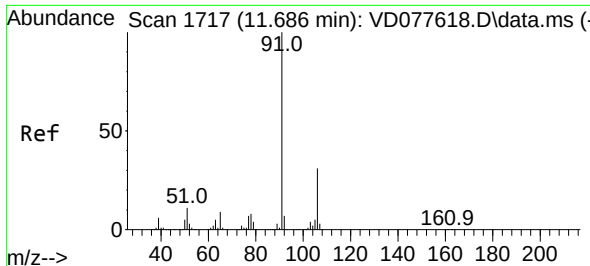
Tgt Ion:107 Resp: 75402
Ion Ratio Lower Upper
107 100
109 96.8 64.8 120.3
188 3.4 3.2 4.8



#51
Chlorobenzene
Concen: 24.630 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:112 Resp: 260054
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 58.7 49.6 74.4

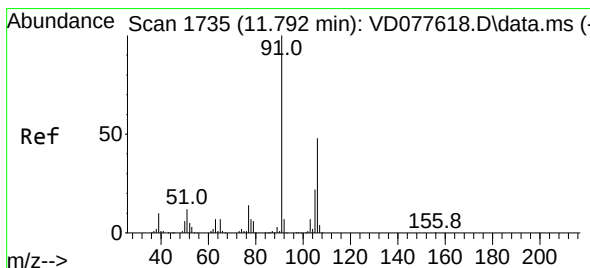
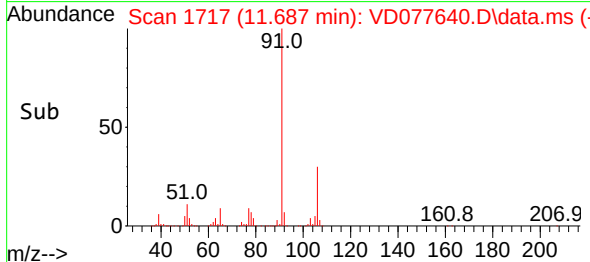
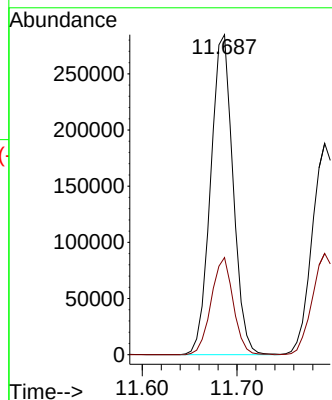
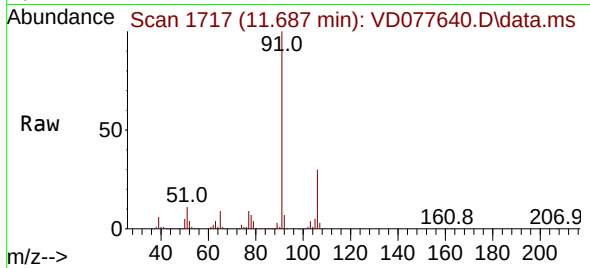




#52
Ethylbenzene
Concen: 23.562 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

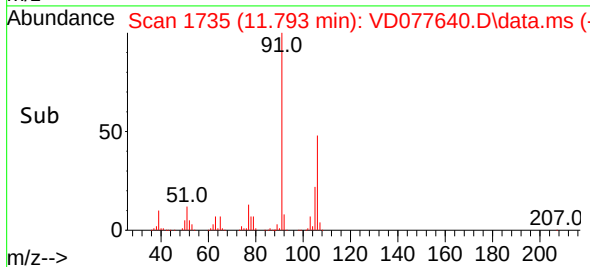
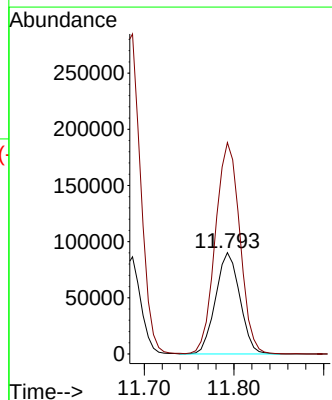
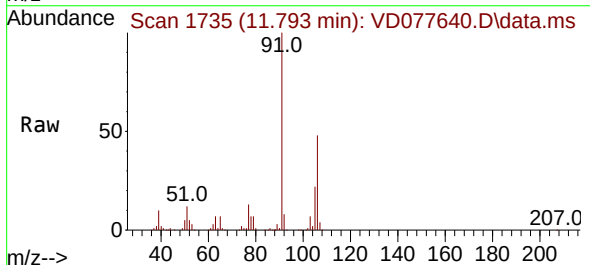
Instrument :
MSVOA_D
ClientSampleId :

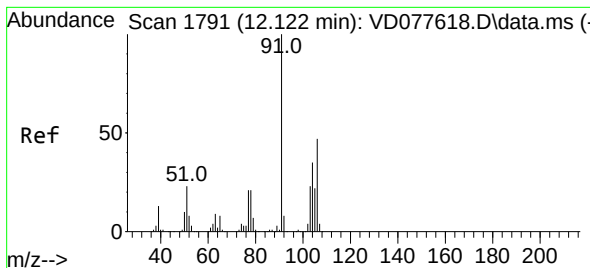
Tgt Ion: 91 Resp: 467239
Ion Ratio Lower Upper
91 100
106 30.4 22.0 40.8



#53
m,p-Xylene
Concen: 23.458 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:106 Resp: 169273
Ion Ratio Lower Upper
106 100
91 208.8 146.7 272.4

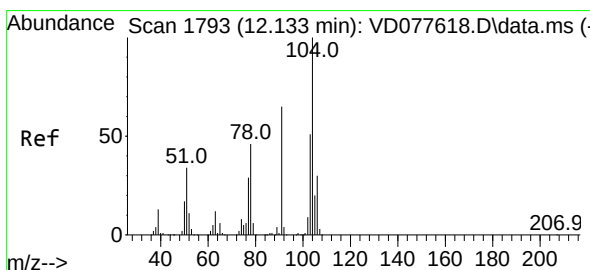
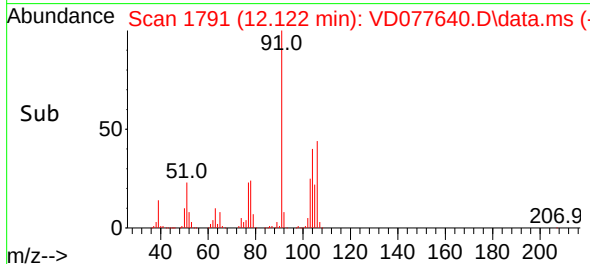
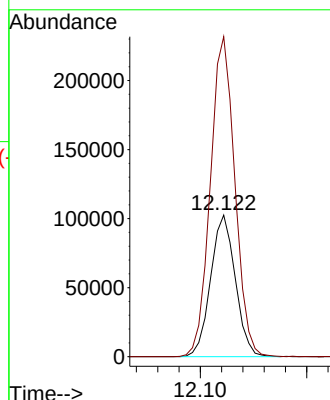
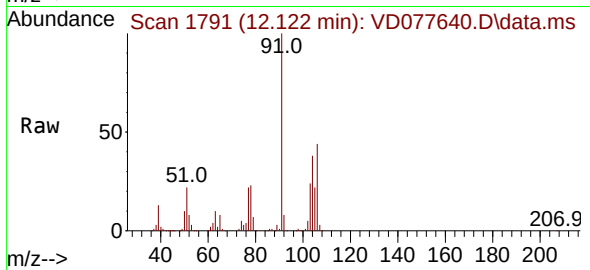




#54
o-Xylene
Concen: 23.832 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

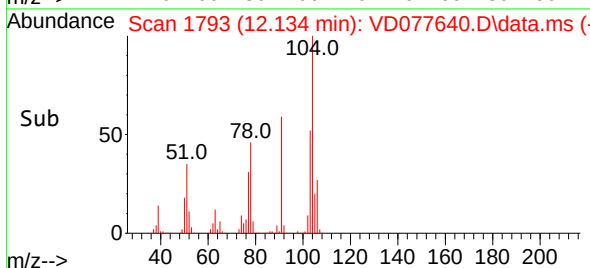
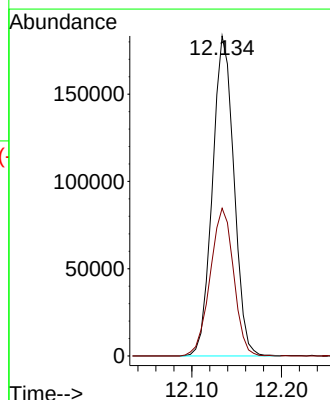
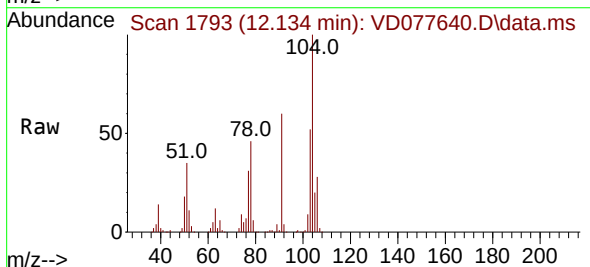
Instrument :
MSVOA_D
ClientSampleId :

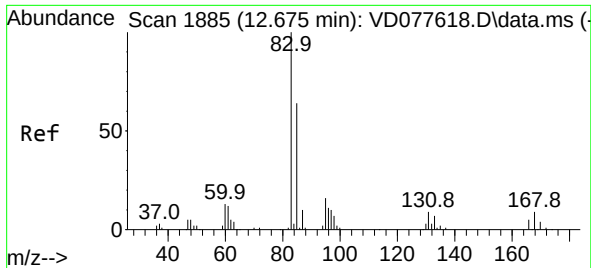
Tgt Ion:	106	Resp:	164711
Ion Ratio	Lower	Upper	
106	100		
91	226.0	158.5	294.4



#55
Styrene
Concen: 25.290 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:	104	Resp:	305179
Ion Ratio	Lower	Upper	
104	100		
78	46.1	34.9	64.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.778 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077640.D

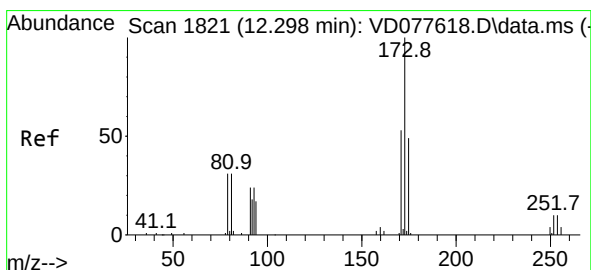
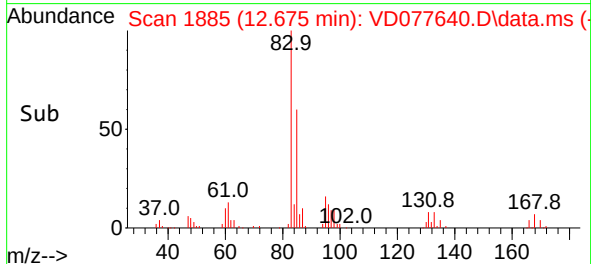
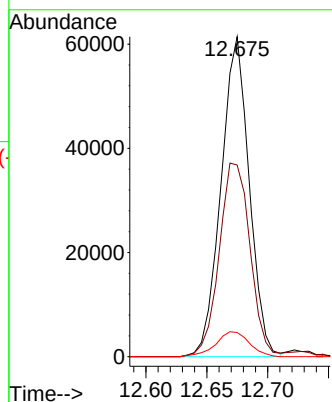
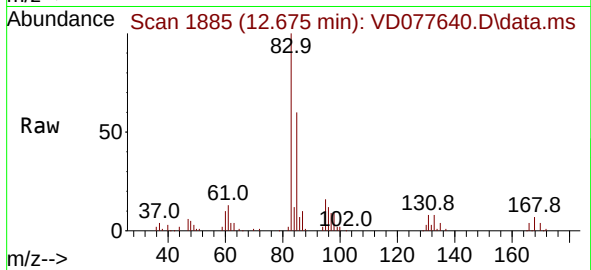
Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	98892
Ion Ratio	Lower	Upper	
83	100		
85	59.9	44.9	83.3
131	7.6	7.2	10.8



#59

Bromoform

Concen: 25.221 ug/L

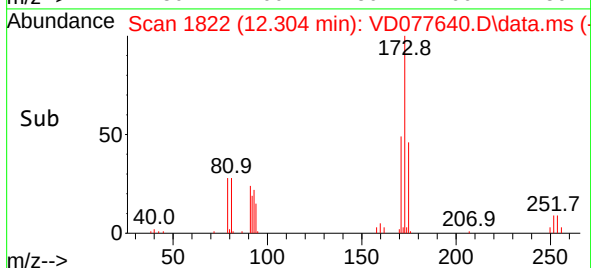
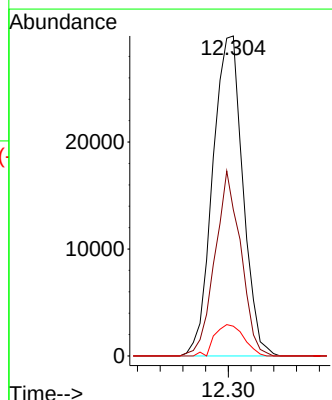
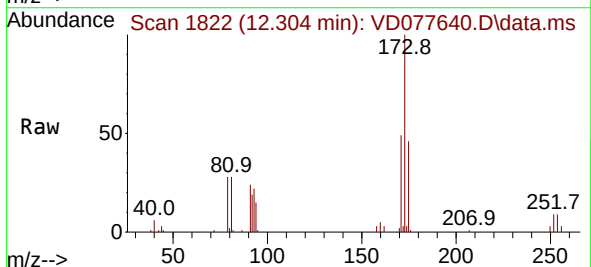
RT: 12.304 min Scan# 1822

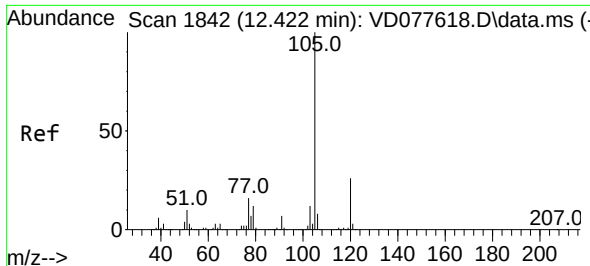
Delta R.T. 0.006 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Tgt Ion:	173	Resp:	55044
Ion Ratio	Lower	Upper	
173	100		
175	49.8	38.2	57.2
254	9.3	7.1	10.7

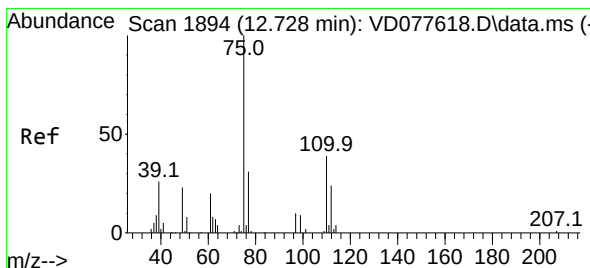
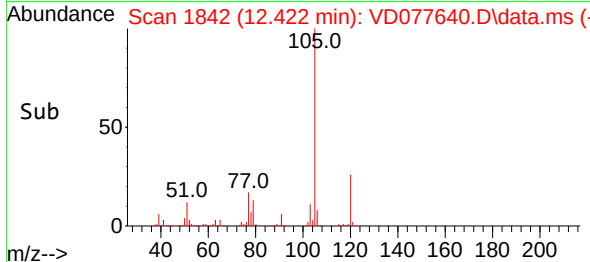
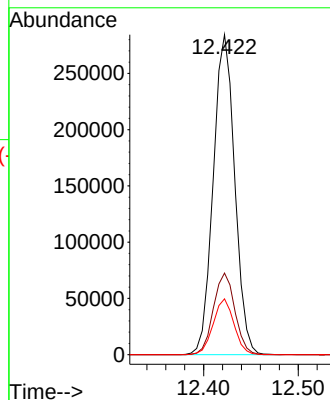
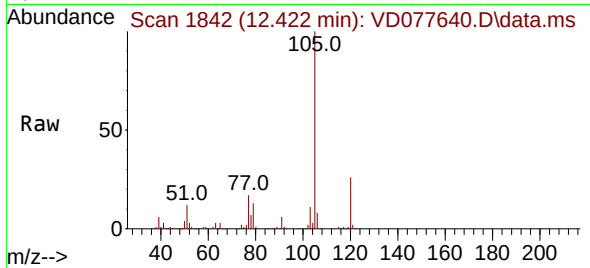




#60
Isopropylbenzene
Concen: 21.693 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

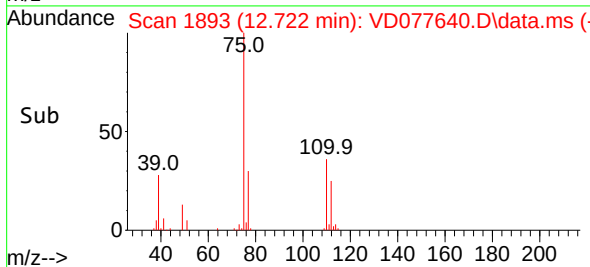
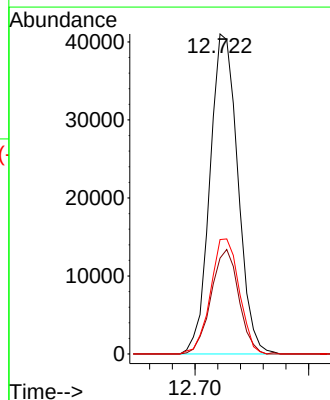
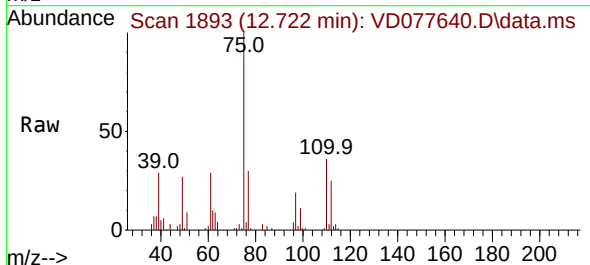
Instrument :
MSVOA_D
ClientSampleId :

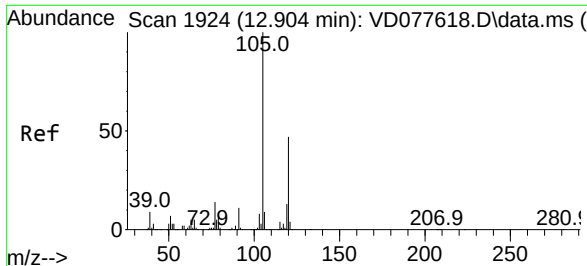
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.0	31.4
77	17.0	13.4	20.2



#61
1,2,3-Trichloropropane
Concen: 25.692 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.6	38.4
110	36.9	29.6	44.4





#62

1,3,5-Trimethylbenzene

Concen: 21.567 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

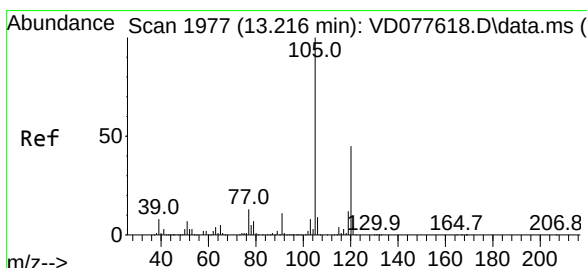
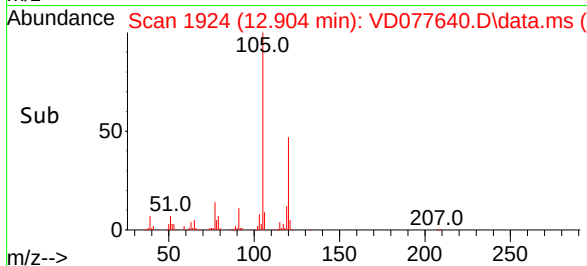
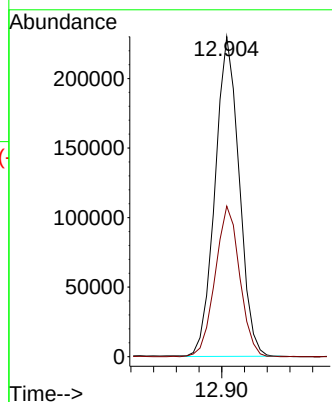
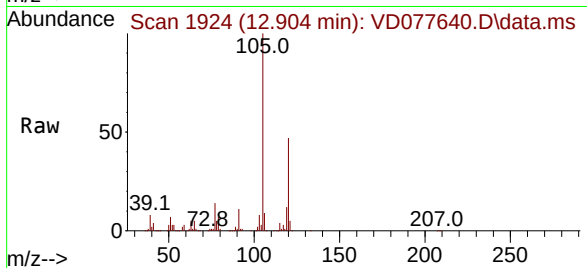
ClientSampleId :

Tgt Ion:105 Resp: 338914

Ion Ratio Lower Upper

105 100

120 47.9 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 22.493 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077640.D

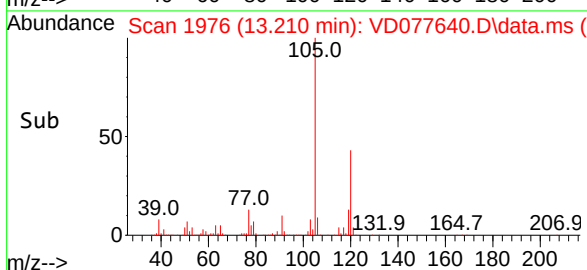
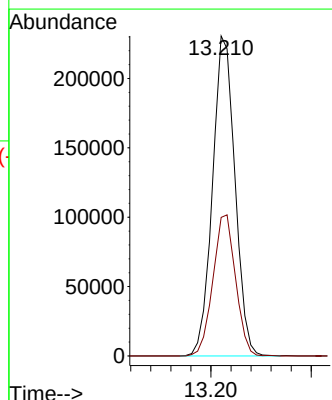
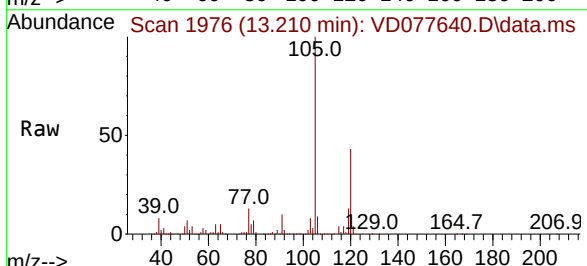
Acq: 18 Nov 2023 19:47

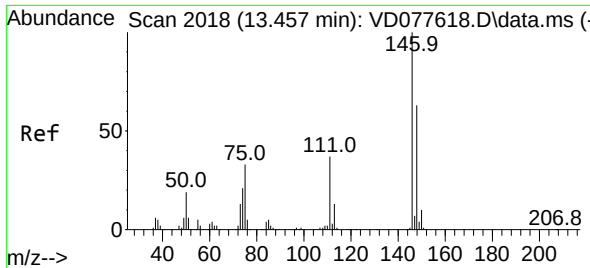
Tgt Ion:105 Resp: 358043

Ion Ratio Lower Upper

105 100

120 44.5 35.6 53.4

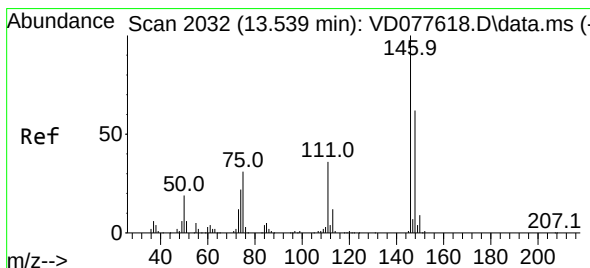
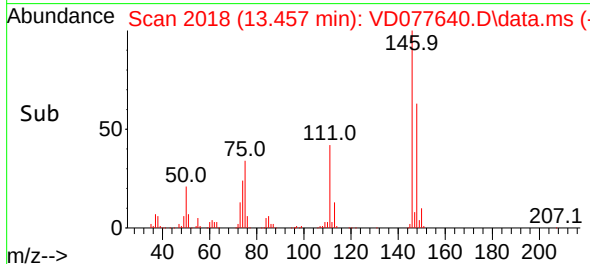
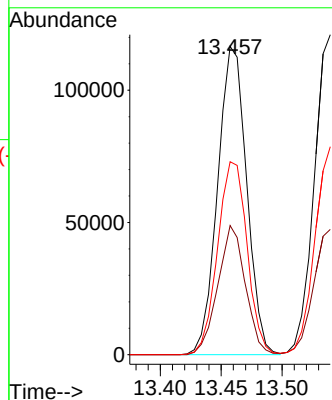
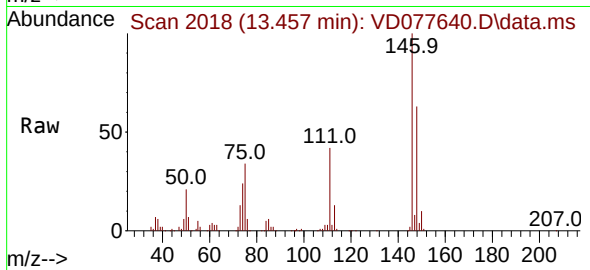




#64
1,3-Dichlorobenzene
Concen: 22.759 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

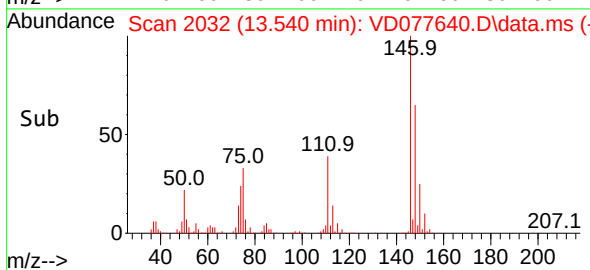
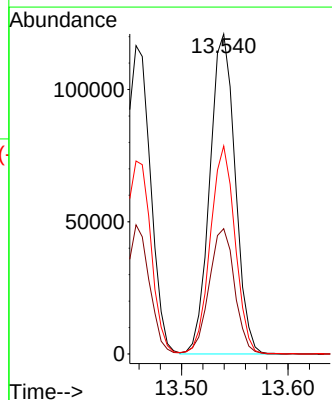
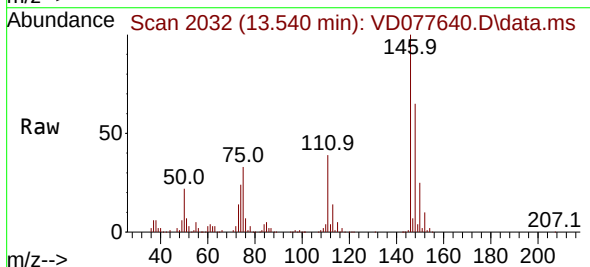
Instrument :
MSVOA_D
ClientSampleId :

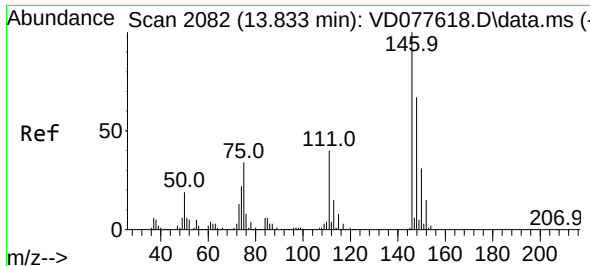
Tgt Ion:146 Resp: 193321
Ion Ratio Lower Upper
146 100
111 41.9 27.2 50.6
148 62.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 23.376 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:146 Resp: 200392
Ion Ratio Lower Upper
146 100
111 39.1 25.6 47.4
148 65.0 44.1 81.9

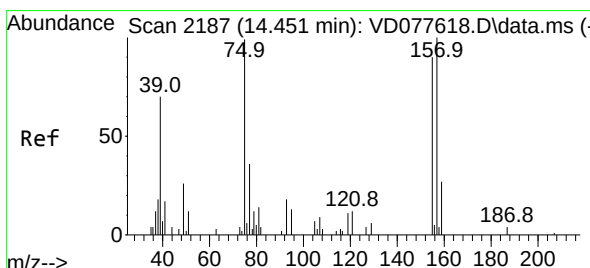
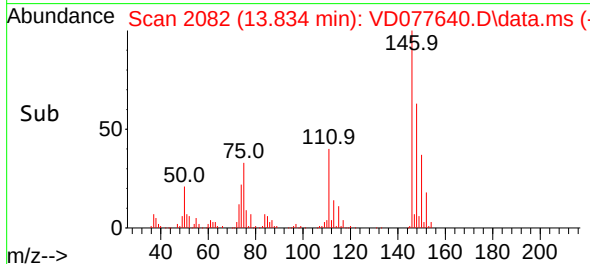
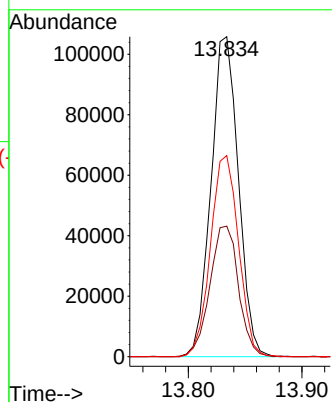
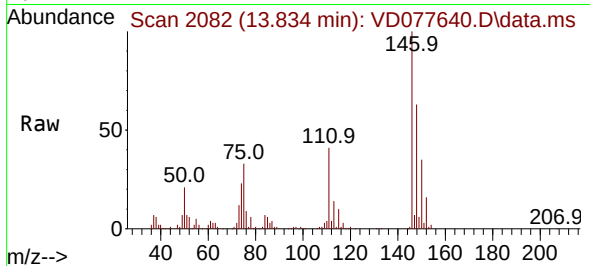




#67
1,2-Dichlorobenzene
Concen: 23.627 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

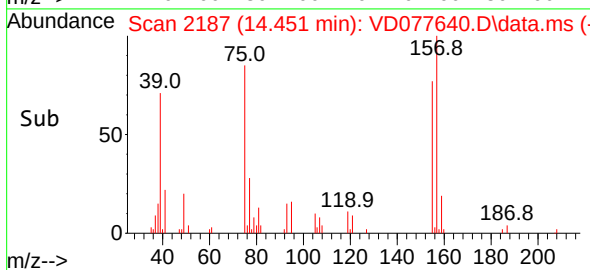
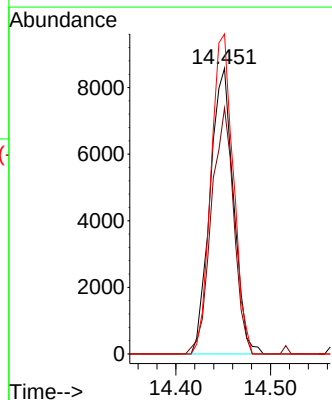
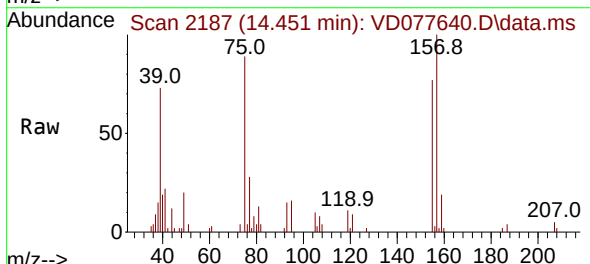
Instrument :
MSVOA_D
ClientSampleId :

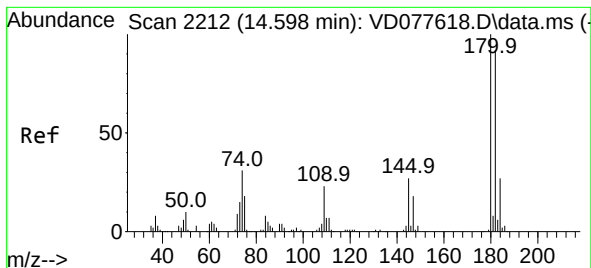
Tgt Ion:146 Resp: 177441
Ion Ratio Lower Upper
146 100
111 40.8 33.8 50.6
148 62.9 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.853 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion: 75 Resp: 14740
Ion Ratio Lower Upper
75 100
155 86.1 58.2 87.2
157 112.0 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 21.820 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 126201

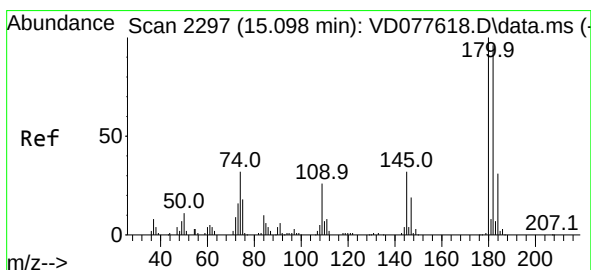
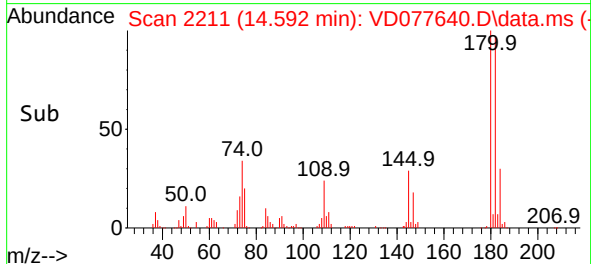
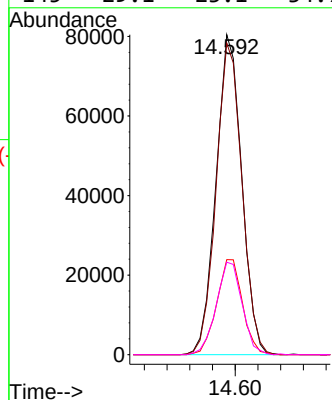
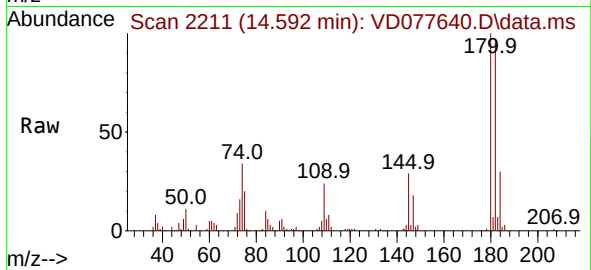
Ion Ratio Lower Upper

180 100

182 97.7 76.1 114.1

184 29.9 24.0 36.0

145 29.1 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 23.290 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077640.D

Acq: 18 Nov 2023 19:47

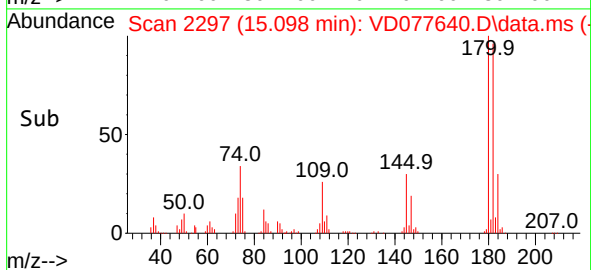
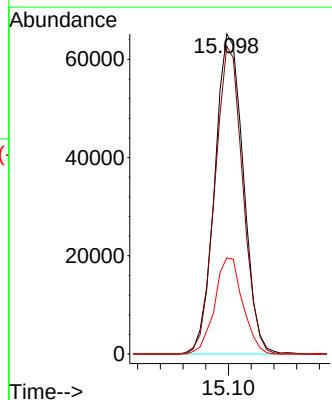
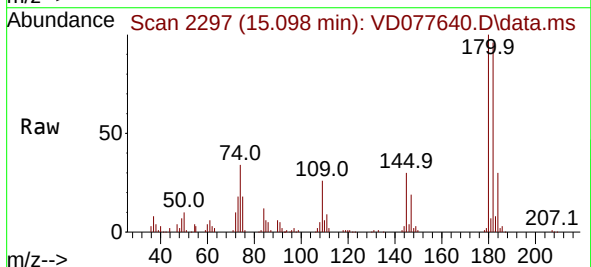
Tgt Ion:180 Resp: 113528

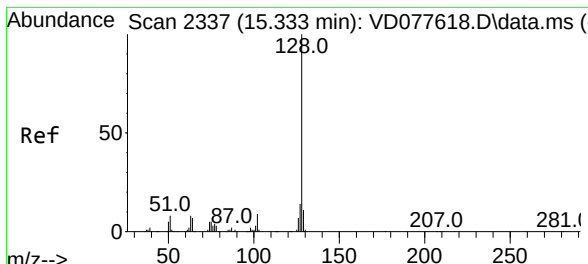
Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

145 29.5 24.1 36.1

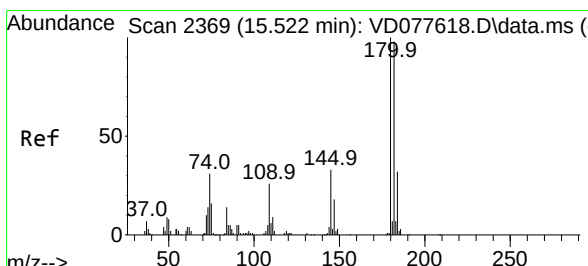
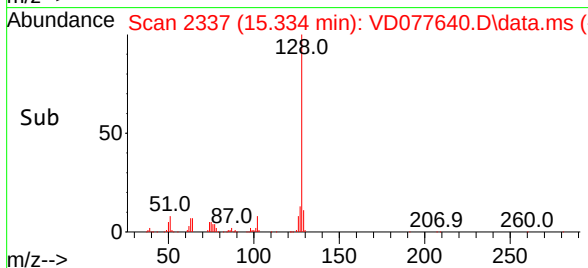
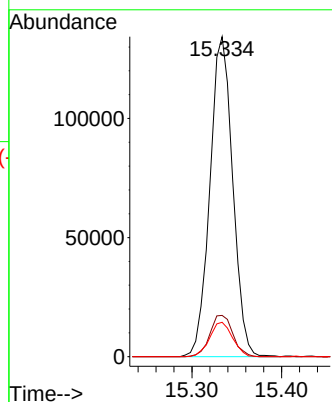
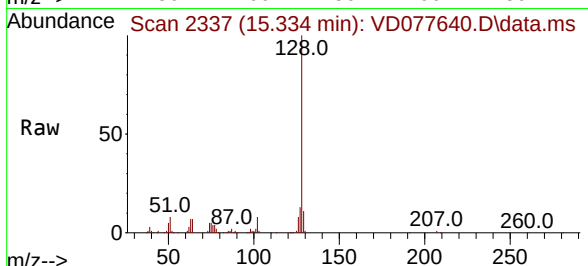




#71
Naphthalene
Concen: 25.821 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 237217
Ion Ratio	Lower Upper
128 100	
127 13.1	10.5 15.7
129 10.8	9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.444 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077640.D
Acq: 18 Nov 2023 19:47

Tgt Ion:180	Resp: 101598
Ion Ratio	Lower Upper
180 100	
182 95.1	76.8 115.2
145 31.5	26.0 39.0

