

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092623\
 Data File : VD077227.D
 Acq On : 26 Sep 2023 18:34
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:31:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	234130	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	243893	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	136985	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	138491	22.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
7) Chloroethane-d5	2.799	69	78306	20.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
11) 1,1-Dichloroethene-d2	3.917	65	36659	21.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.160%
21) 2-Butanone-d5	6.981	46	62182	55.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.840%
24) Chloroform-d	7.569	84	230415	26.099	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	8.234	65	112962	25.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.880%
32) Benzene-d6	8.205	84	430396	24.295	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	9.210	67	136581	24.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	10.269	98	382165	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.240%
43) trans-1,3-Dichloroprop...	10.528	79	53012	23.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.720%
47) 2-Hexanone-d5	10.875	63	49530	56.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	138547	27.847	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	137265	24.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	92873	24.392	ug/L	99
3) Chloromethane	2.146	50	142642	28.875	ug/L	98
5) Vinyl chloride	2.281	62	162840	27.679	ug/L	100
6) Bromomethane	2.693	94	106560	29.605	ug/L	95
8) Chloroethane	2.834	64	67403	23.361	ug/L #	80
9) Trichlorofluoromethane	3.175	101	181648	29.862	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	121158	27.866	ug/L	100
12) 1,1-Dichloroethene	3.940	96	99331	27.378	ug/L	96
13) Acetone	4.022	43	61814	53.097	ug/L	99
14) Carbon disulfide	4.269	76	266527	28.170	ug/L	100
15) Methyl Acetate	4.558	43	51478	25.892	ug/L	98
16) Methylene chloride	4.799	84	152531	26.160	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	113480	27.789	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	251226	26.099	ug/L #	87
19) 1,1-Dichloroethane	6.111	63	208597	27.103	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	133561	26.788	ug/L	96
22) 2-Butanone	7.081	43	78645	52.223	ug/L	98
23) Bromochloromethane	7.428	128	64958	27.516	ug/L	88
25) Chloroform	7.599	83	235652	27.669	ug/L	94

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 Response via : Initial Calibration

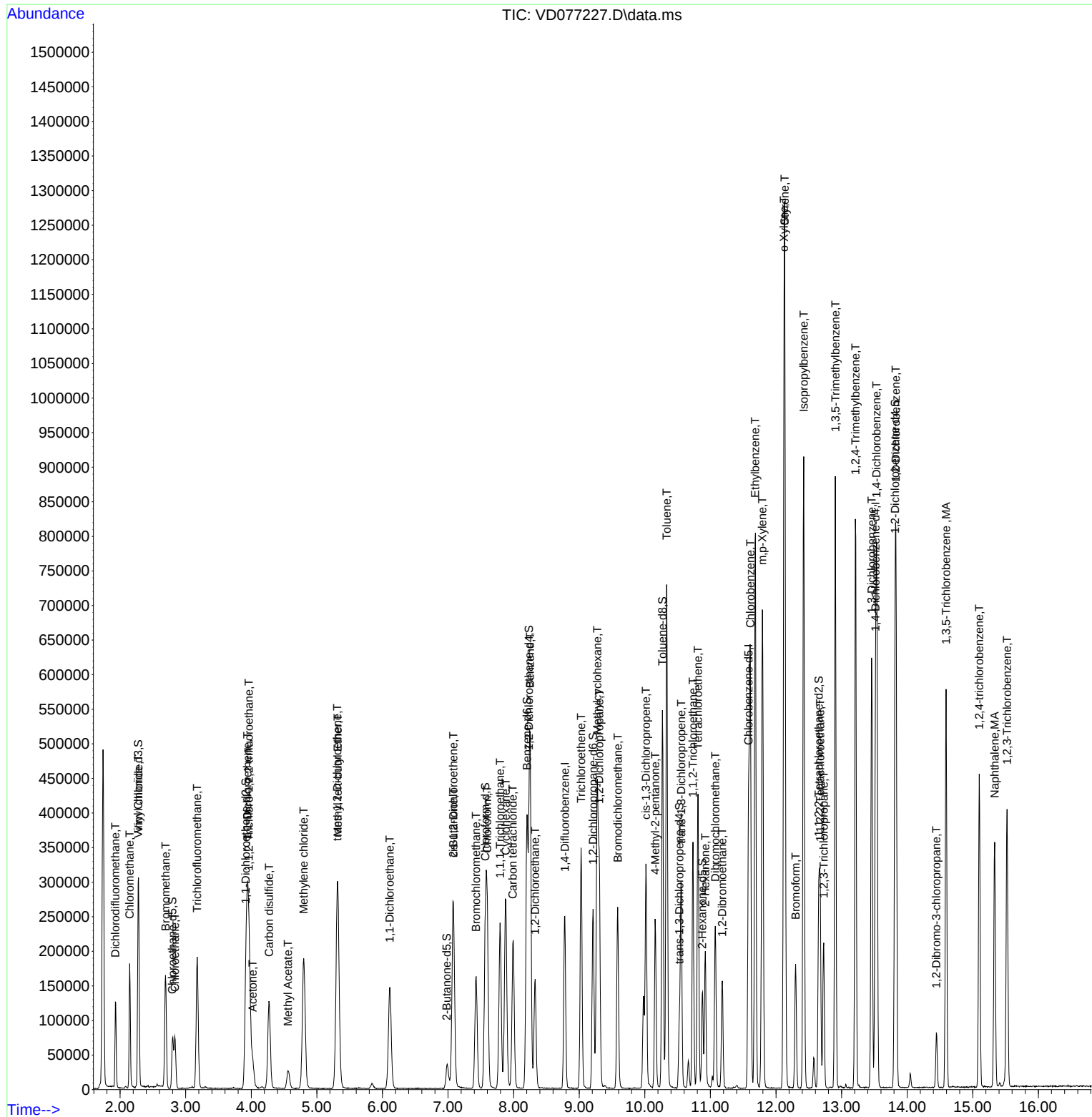
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	135817	26.954	ug/L	99
29) Cyclohexane	7.881	56	143539	28.930	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	192380	27.229	ug/L	98
31) Carbon tetrachloride	7.987	117	163553	28.642	ug/L	99
33) Benzene	8.252	78	495457	27.515	ug/L	100
34) Trichloroethene	9.028	95	122661	26.995	ug/L	95
35) Methylcyclohexane	9.275	83	186866	29.530	ug/L	100
37) 1,2-Dichloropropane	9.305	63	132757	26.873	ug/L	99
38) Bromodichloromethane	9.587	83	174777	26.621	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	200888	26.767	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	151397	53.484	ug/L	99
42) Toluene	10.334	91	549931	28.308	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	175041	26.981	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	113055	26.874	ug/L	94
46) Tetrachloroethene	10.810	164	98458	27.624	ug/L	97
48) 2-Hexanone	10.922	43	120713	55.607	ug/L	99
49) Dibromochloromethane	11.075	129	126196	26.951	ug/L	96
50) 1,2-Dibromoethane	11.181	107	106416	27.029	ug/L	90
51) Chlorobenzene	11.610	112	348588	26.418	ug/L	96
52) Ethylbenzene	11.681	91	598264	28.407	ug/L	94
53) m,p-Xylene	11.793	106	226380	28.184	ug/L	91
54) o-Xylene	12.122	106	221984	28.343	ug/L	98
55) Styrene	12.134	104	411698	28.911	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	139314	27.700	ug/L	99
59) Bromoform	12.298	173	81898	26.555	ug/L	100
60) Isopropylbenzene	12.422	105	597348	27.909	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	88026	25.374	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	455549	27.837	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	449639	27.672	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	272718	26.180	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	284735	26.157	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	251849	26.245	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	18723	25.223	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	180580	26.369	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	147151	25.070	ug/L	100
71) Naphthalene	15.334	128	310391	25.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	141568	25.816	ug/L	98

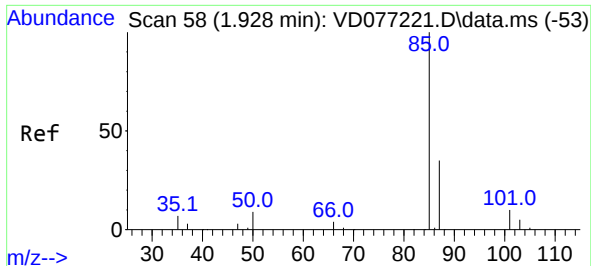
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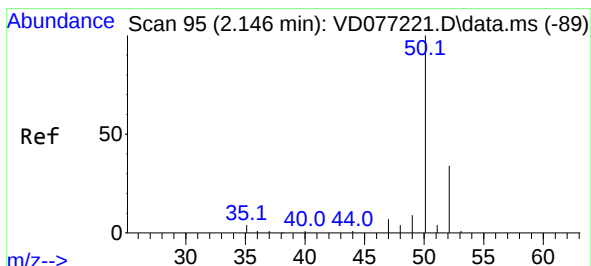
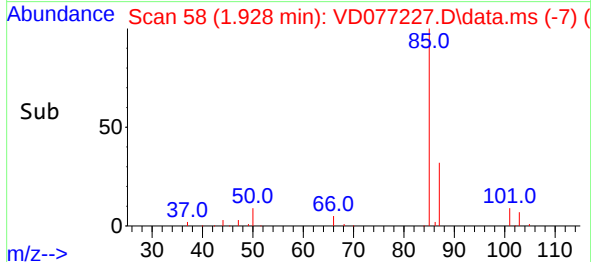
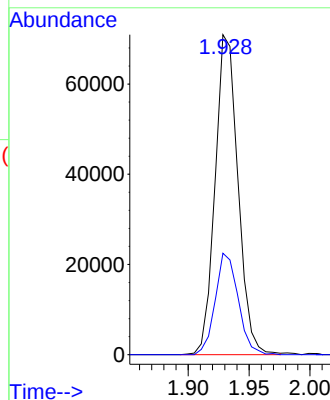
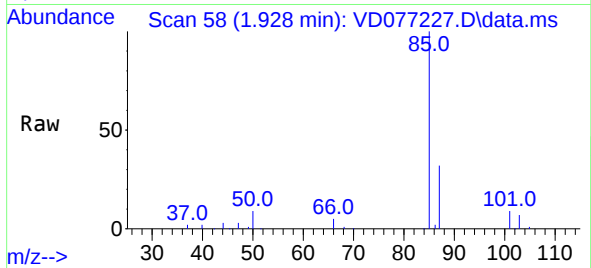




#2
 Dichlorodifluoromethane
 Concen: 24.392 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

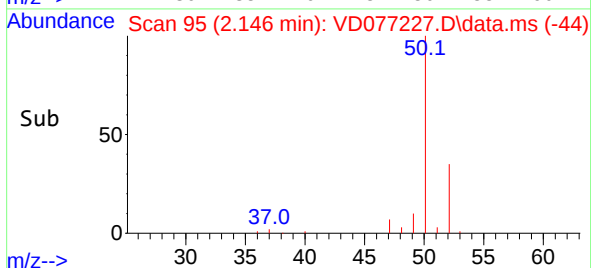
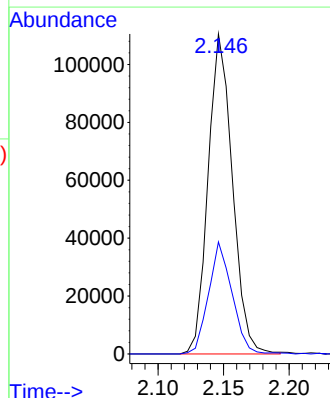
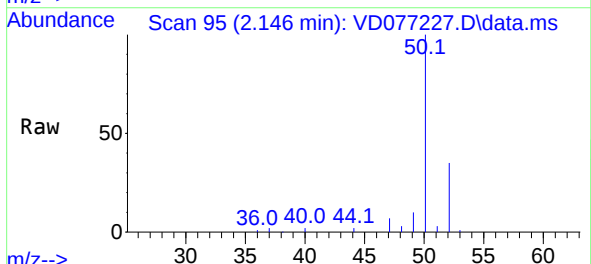
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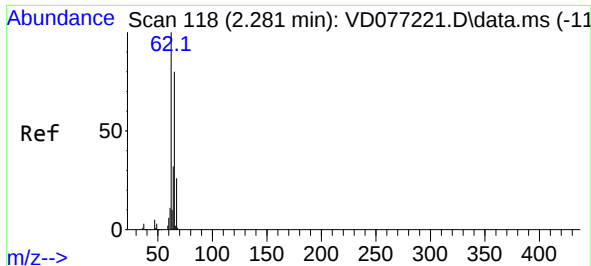
Tgt Ion: 85 Resp: 92873
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 28.875 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

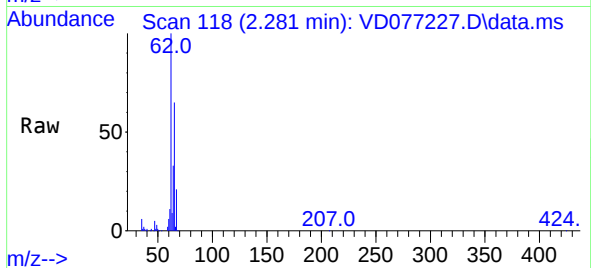
Tgt Ion: 50 Resp: 142642
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.6 43.8



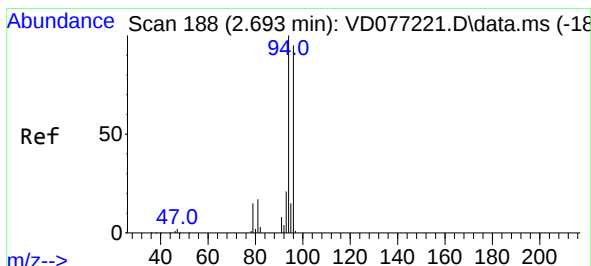
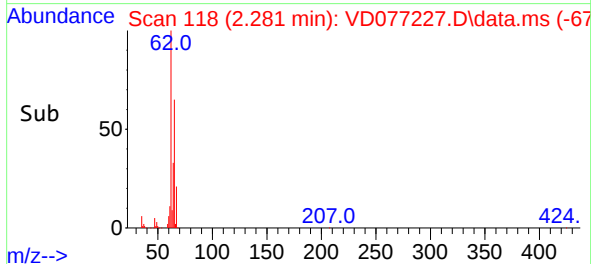
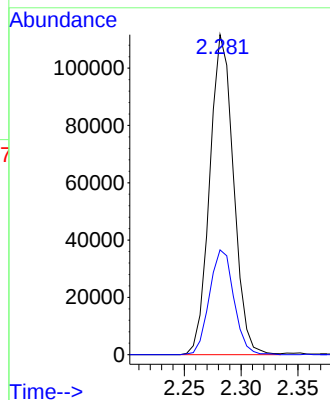


#5
 Vinyl chloride
 Concen: 27.679 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

Instrument :
 MSVOA_D
 ClientSampleId :

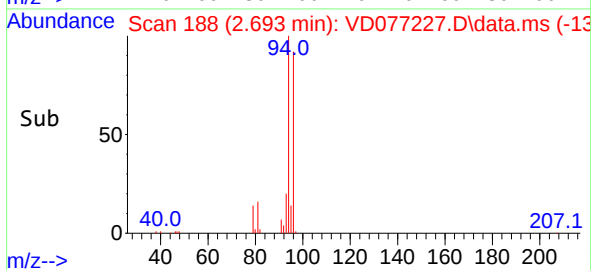
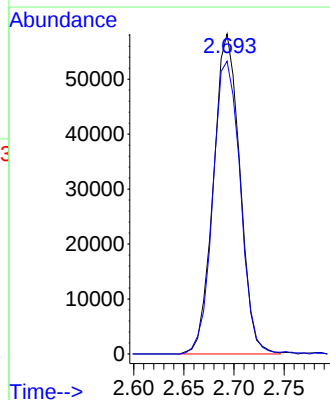
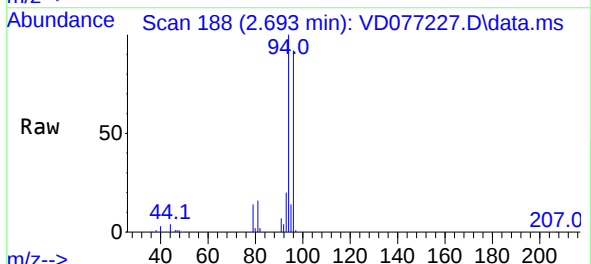


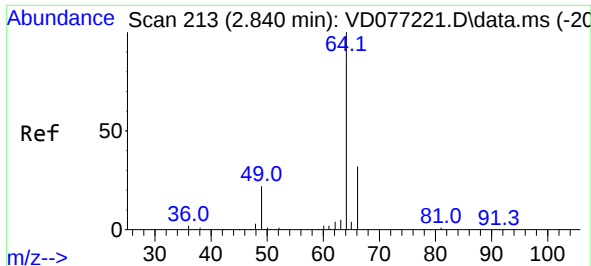
Tgt Ion: 62 Resp: 162840
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.8



#6
 Bromomethane
 Concen: 29.605 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

Tgt Ion: 94 Resp: 106560
 Ion Ratio Lower Upper
 94 100
 96 91.5 67.8 125.8





#8

Chloroethane

Concen: 23.361 ug/L

RT: 2.834 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077227.D

Acq: 26 Sep 2023 18:34

Instrument :

MSVOA_D

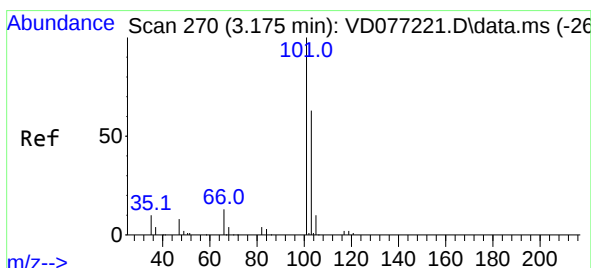
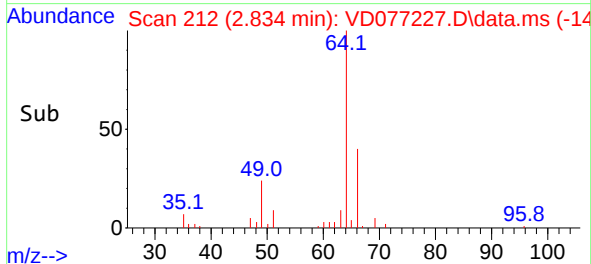
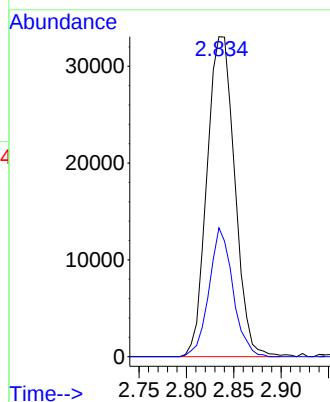
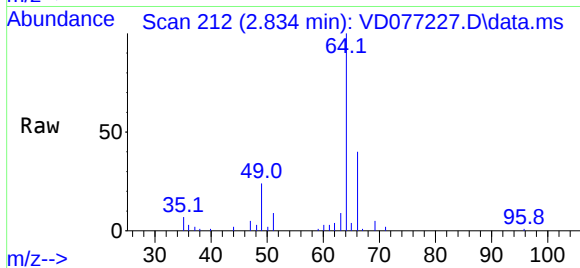
ClientSampleId :

Tgt Ion: 64 Resp: 67403

Ion Ratio Lower Upper

64 100

66 40.2 20.8 38.6#



#9

Trichlorofluoromethane

Concen: 29.862 ug/L

RT: 3.175 min Scan# 270

Delta R.T. 0.000 min

Lab File: VD077227.D

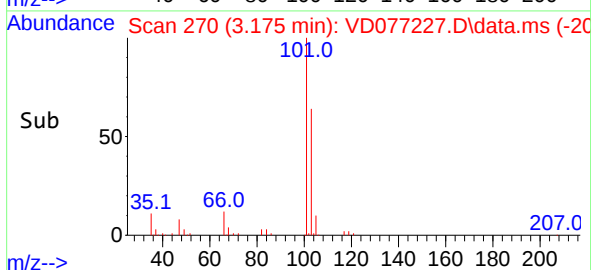
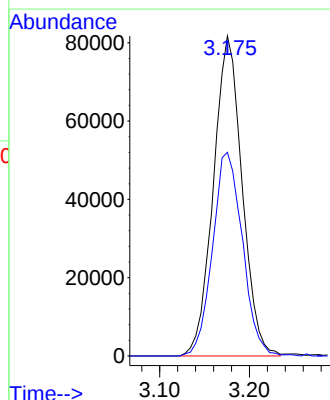
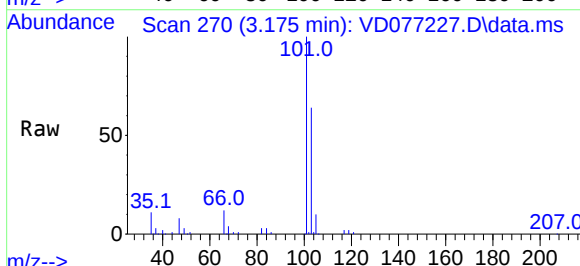
Acq: 26 Sep 2023 18:34

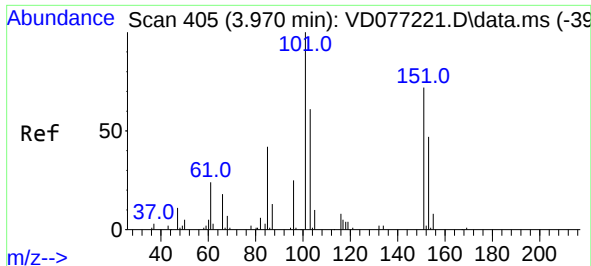
Tgt Ion:101 Resp: 181648

Ion Ratio Lower Upper

101 100

103 66.1 52.9 79.3

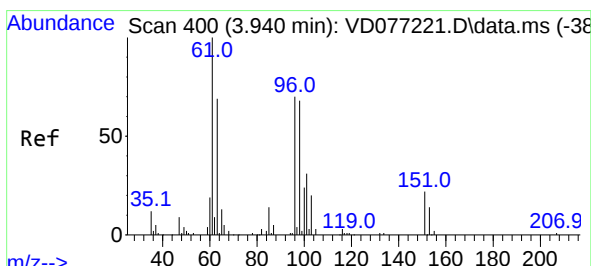
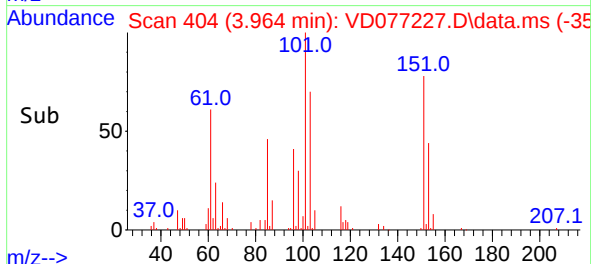
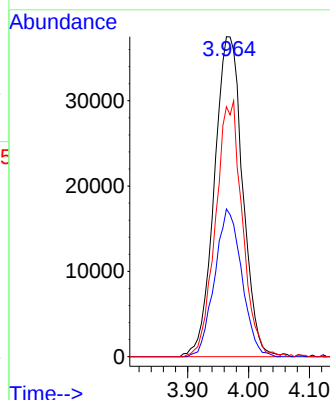
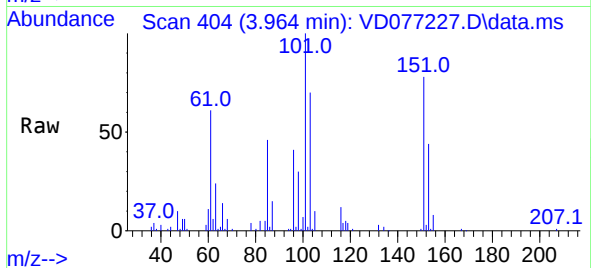




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.866 ug/L
RT: 3.964 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

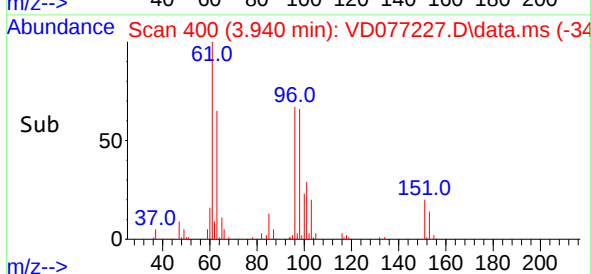
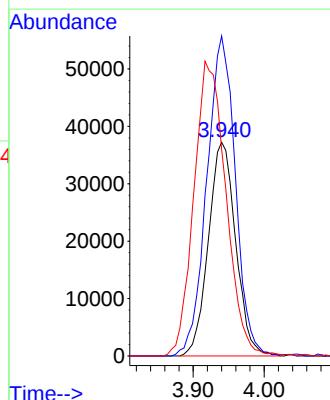
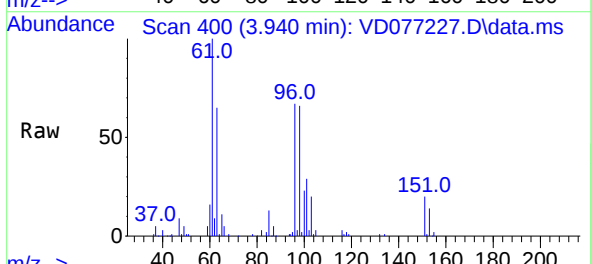
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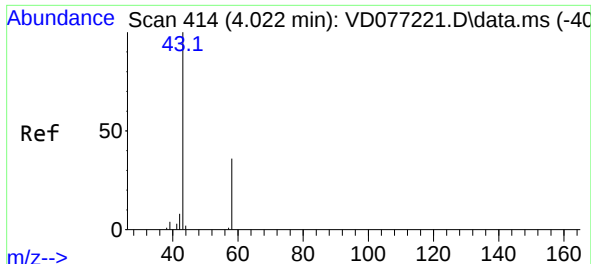
Tgt Ion:101 Resp: 121158
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 75.1 59.9 89.9



#12
1,1-Dichloroethene
Concen: 27.378 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

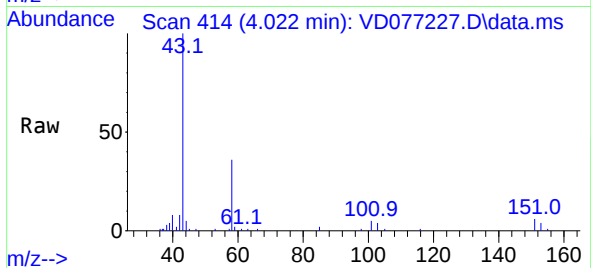
Tgt Ion: 96 Resp: 99331
Ion Ratio Lower Upper
96 100
61 149.7 102.1 189.5
63 96.6 63.3 117.5



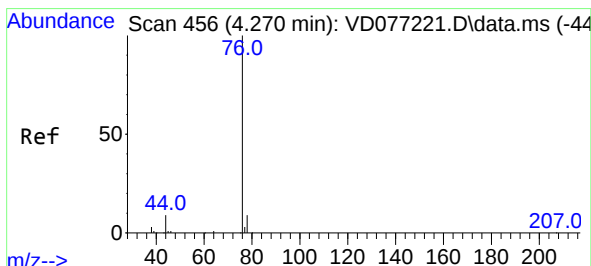
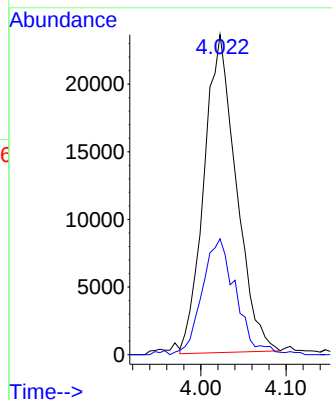
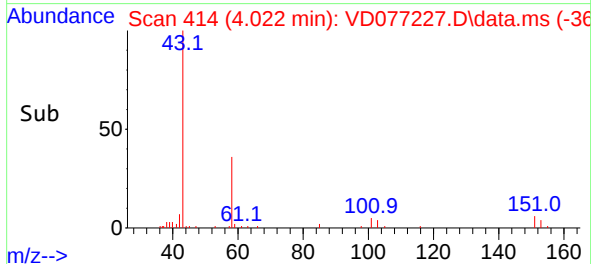


#13
Acetone
Concen: 53.097 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077227.D
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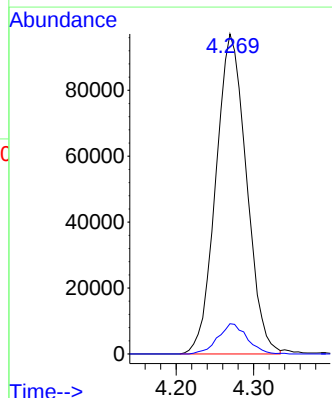
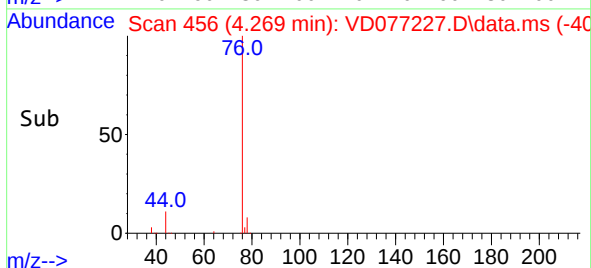
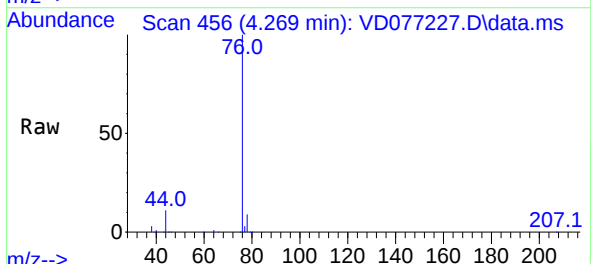


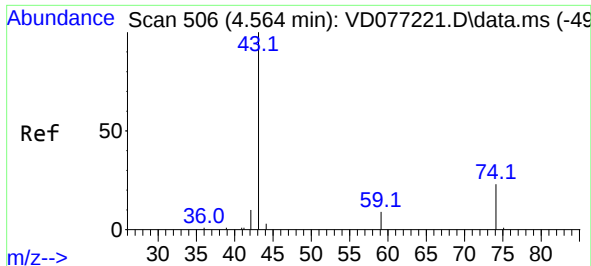
Tgt Ion: 43 Resp: 61814
Ion Ratio Lower Upper
43 100
58 36.6 0.0 74.0



#14
Carbon disulfide
Concen: 28.170 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 266527
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

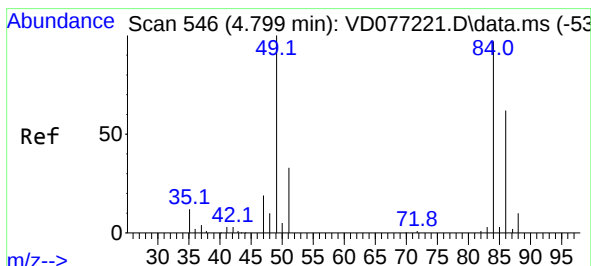
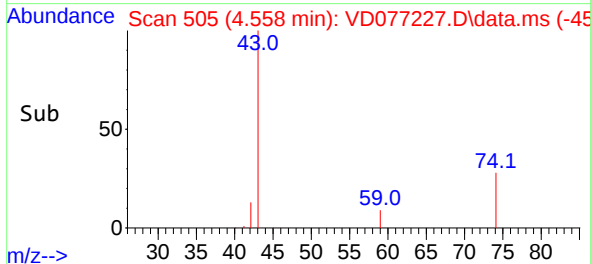
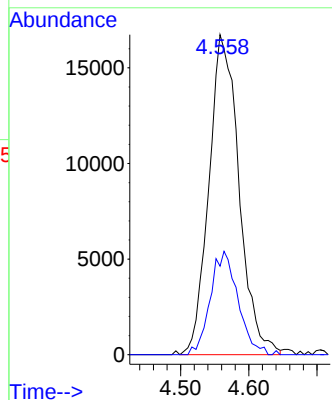
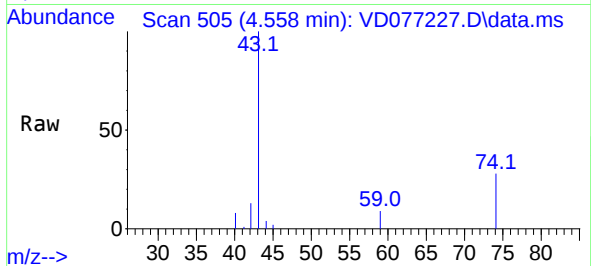




#15
Methyl Acetate
Concen: 25.892 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

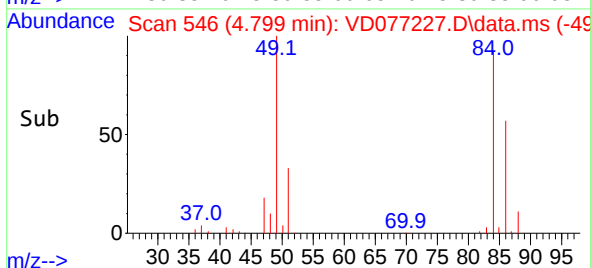
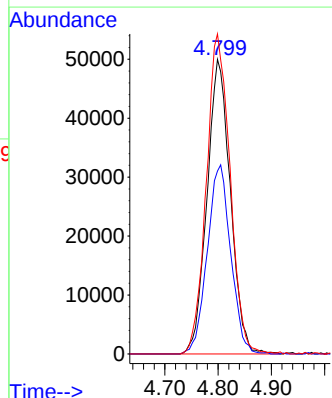
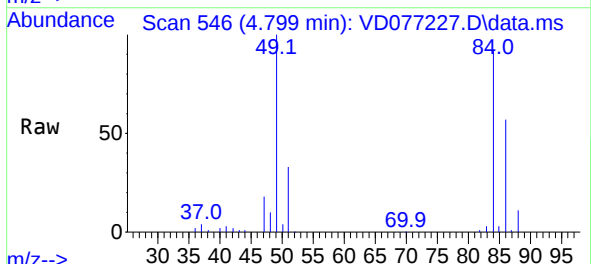
Instrument :
MSVOA_D
ClientSampleId :

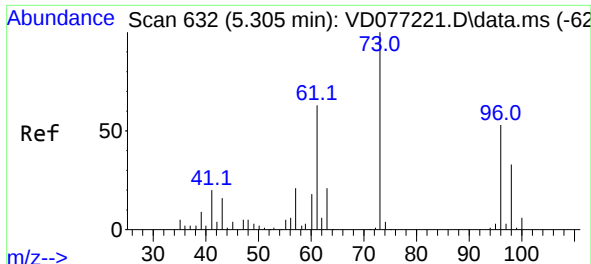
Tgt Ion: 43 Resp: 51478
Ion Ratio Lower Upper
43 100
74 29.3 22.5 33.7



#16
Methylene chloride
Concen: 26.160 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion: 84 Resp: 152531
Ion Ratio Lower Upper
84 100
86 62.1 45.2 84.0
49 108.7 73.4 136.4





#17

trans-1,2-Dichloroethene

Concen: 27.789 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

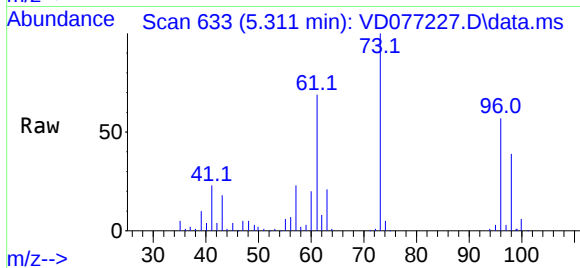
Lab File: VD077227.D

Acq: 26 Sep 2023 18:34

Instrument :

MSVOA_D

ClientSampleId :



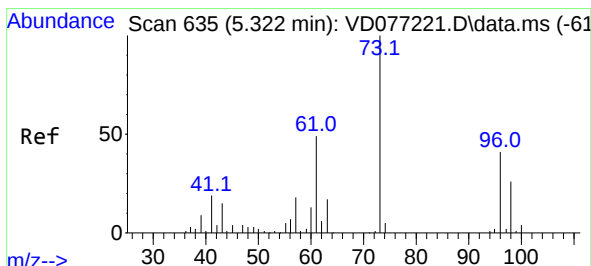
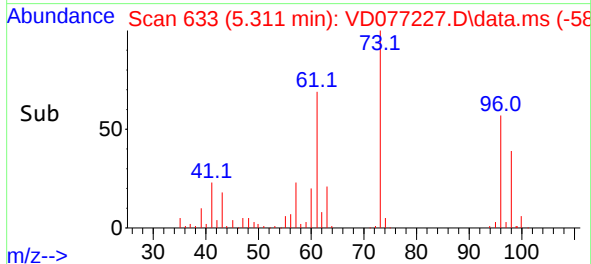
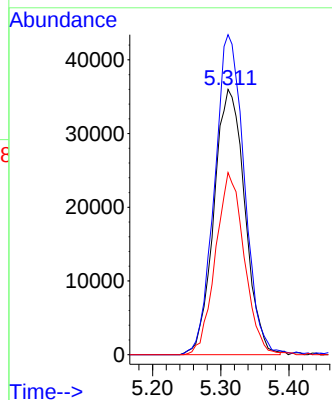
Tgt Ion: 96 Resp: 113480

Ion Ratio Lower Upper

96 100

61 120.7 84.1 156.3

98 68.6 42.0 78.0



#18

Methyl tert-butyl Ether

Concen: 26.099 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD077227.D

Acq: 26 Sep 2023 18:34

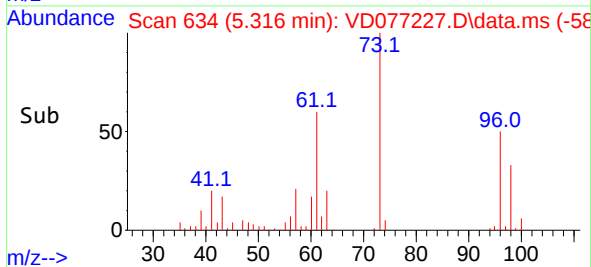
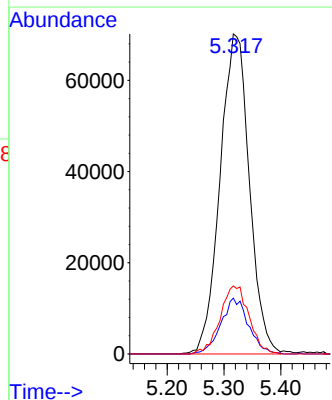
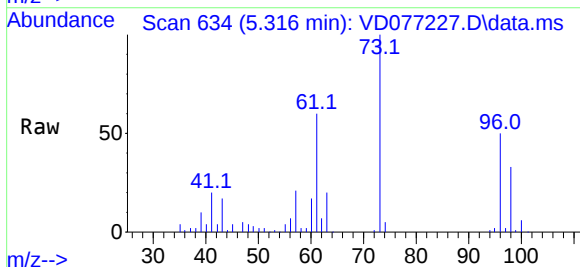
Tgt Ion: 73 Resp: 251226

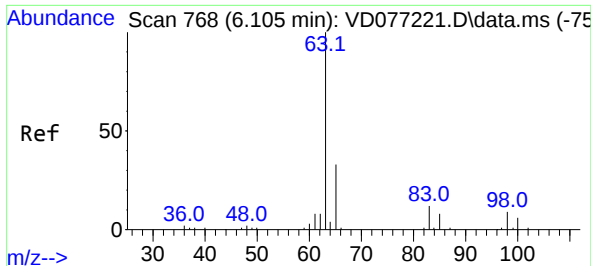
Ion Ratio Lower Upper

73 100

43 16.5 12.7 19.1

57 11.4 17.2 25.8#

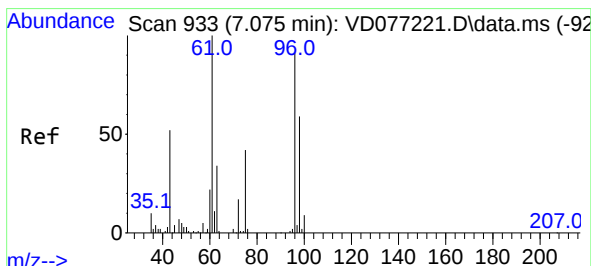
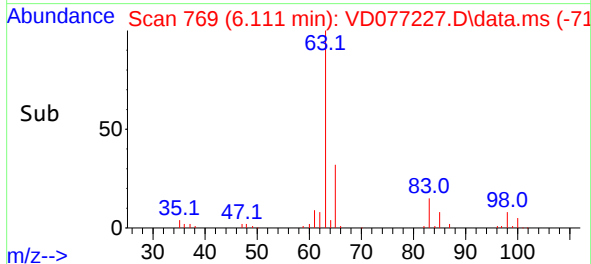
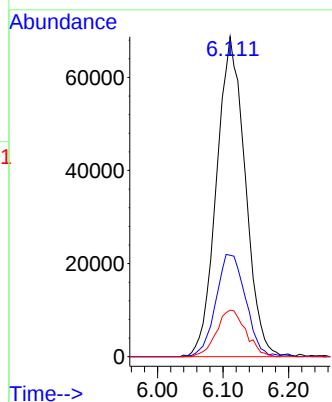
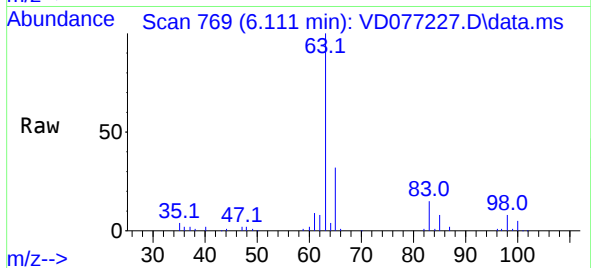




#19
1,1-Dichloroethane
Concen: 27.103 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

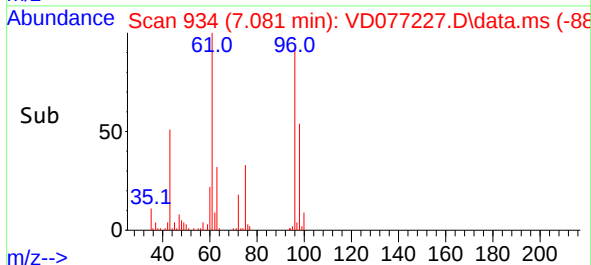
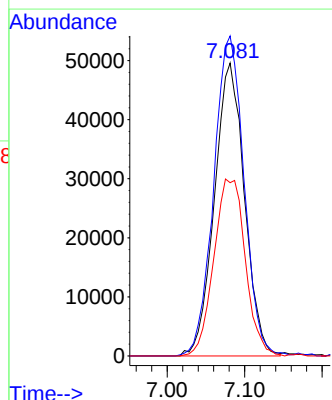
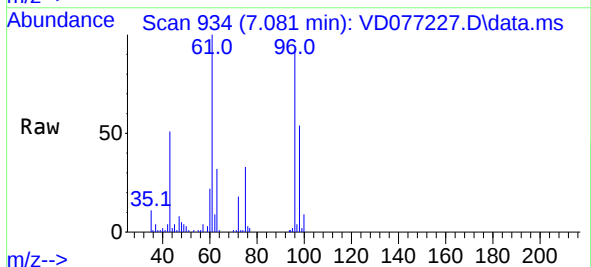
Instrument :
MSVOA_D
ClientSampleId :

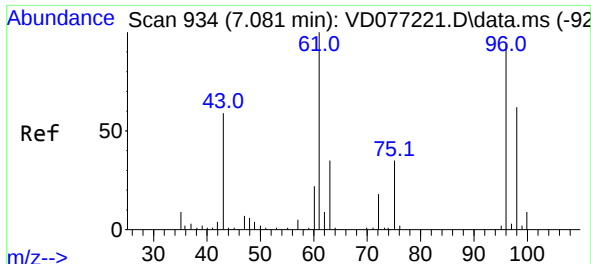
Tgt Ion: 63 Resp: 208597
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 14.5 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 26.788 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion: 96 Resp: 133561
Ion Ratio Lower Upper
96 100
61 109.2 74.8 139.0
98 59.1 45.1 83.7

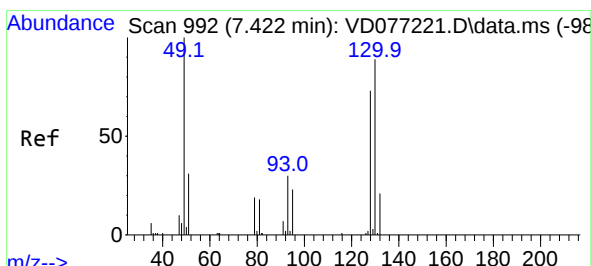
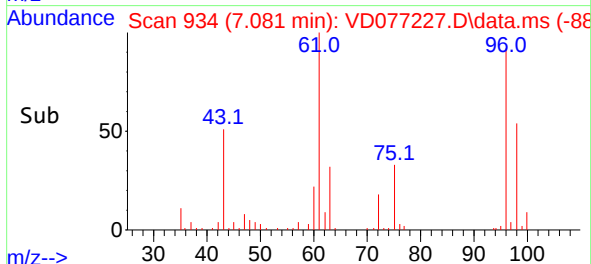
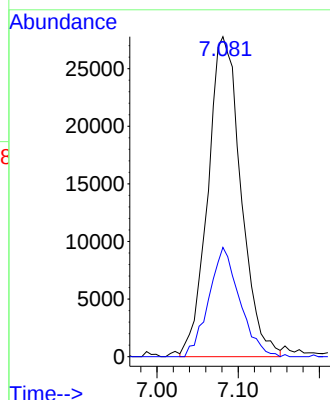
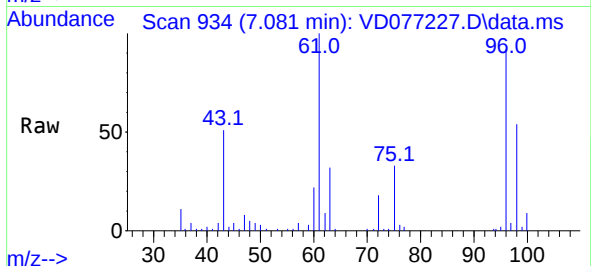




#22
2-Butanone
Concen: 52.223 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

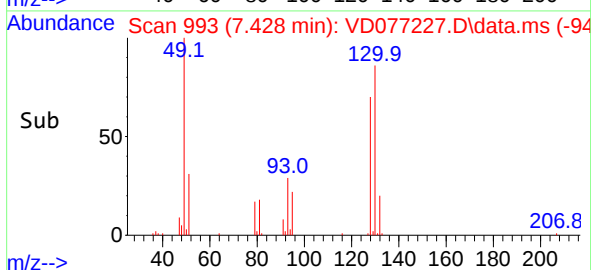
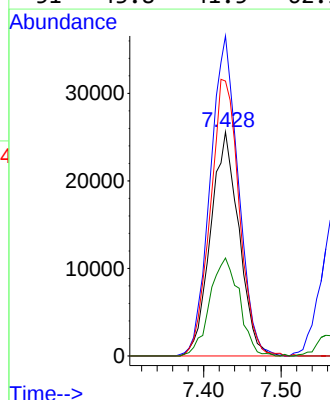
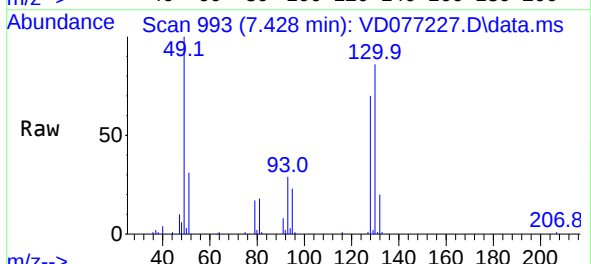
Instrument :
MSVOA_D
ClientSampleId :

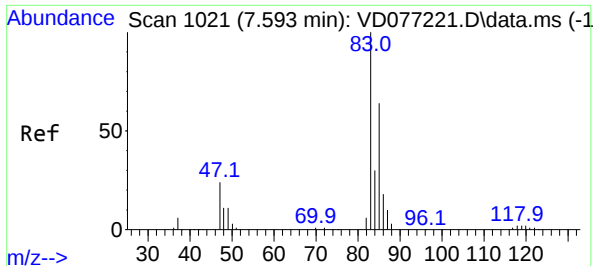
Tgt Ion: 43 Resp: 78645
Ion Ratio Lower Upper
43 100
72 31.9 15.4 46.4



#23
Bromochloromethane
Concen: 27.516 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion:128 Resp: 64958
Ion Ratio Lower Upper
128 100
49 142.9 109.4 203.2
130 122.7 97.1 180.3
51 43.8 41.5 62.3





#25

Chloroform

Concen: 27.669 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077227.D

Acq: 26 Sep 2023 18:34

Instrument :

MSVOA_D

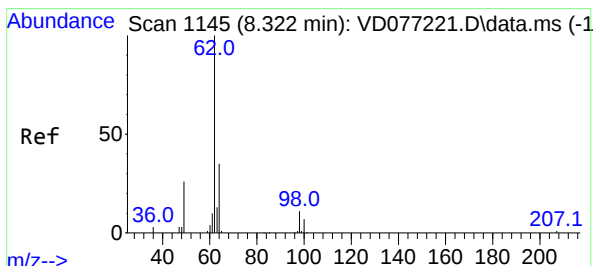
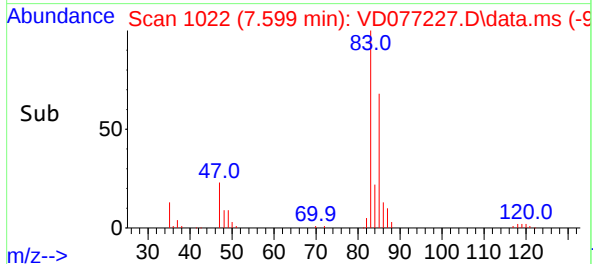
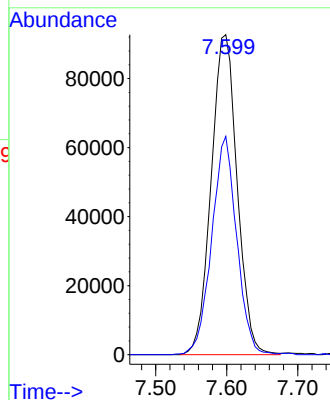
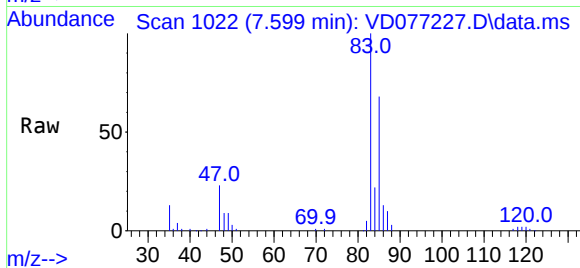
ClientSampleId :

Tgt Ion: 83 Resp: 235652

Ion Ratio Lower Upper

83 100

85 68.2 44.4 82.5



#27

1,2-Dichloroethane

Concen: 26.954 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD077227.D

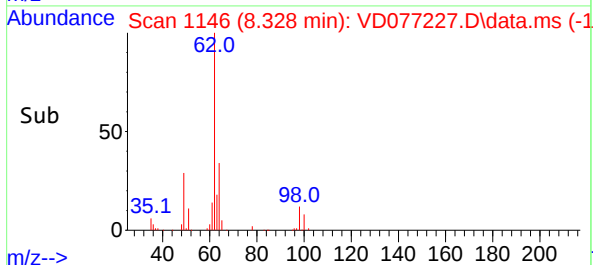
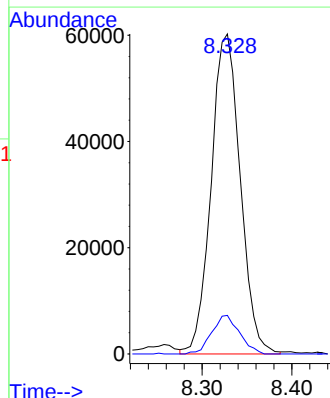
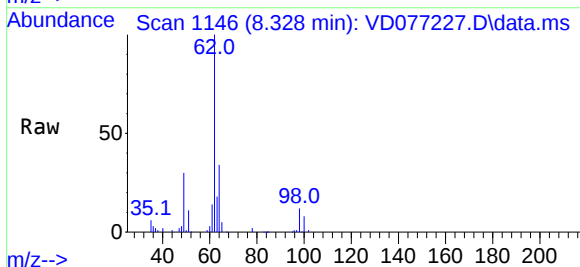
Acq: 26 Sep 2023 18:34

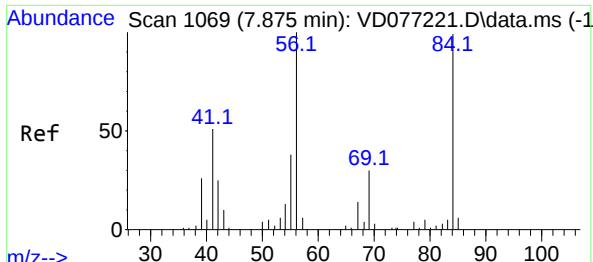
Tgt Ion: 62 Resp: 135817

Ion Ratio Lower Upper

62 100

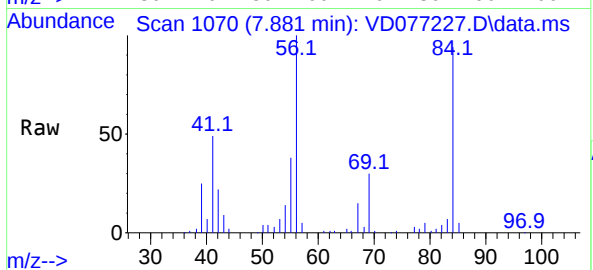
98 12.0 9.4 14.0



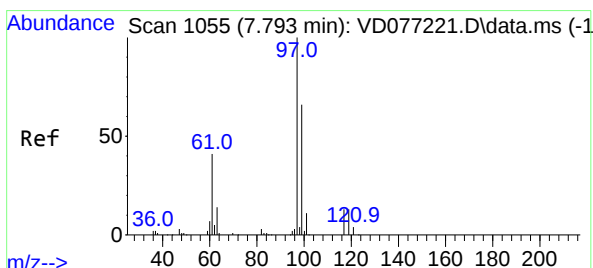
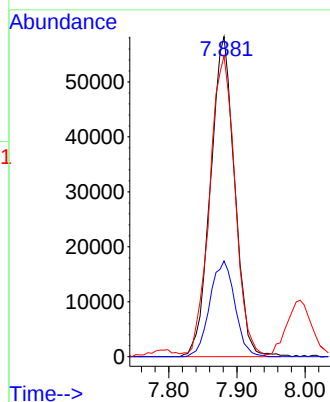
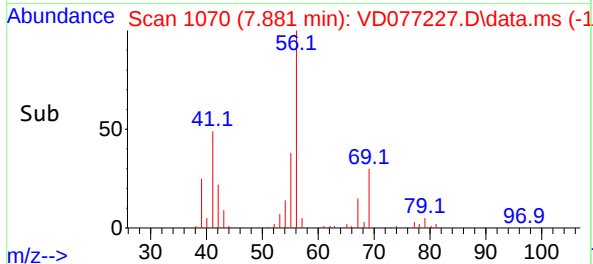


#29
Cyclohexane
Concen: 28.930 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

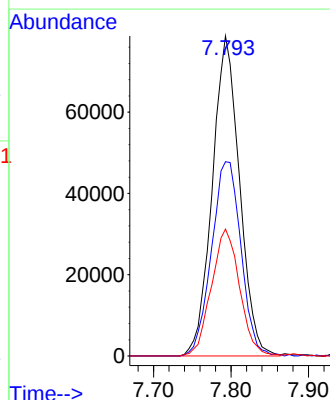
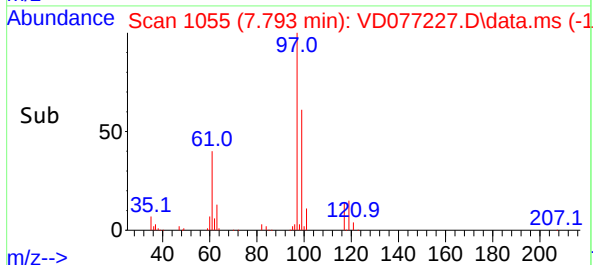
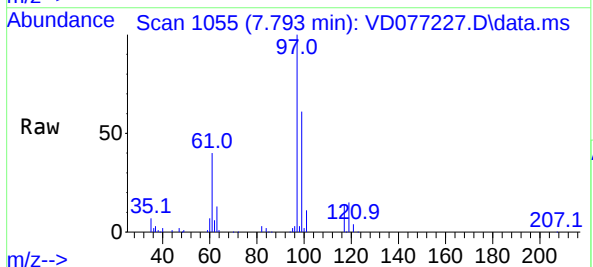


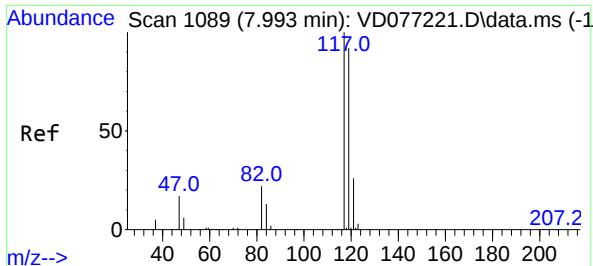
Tgt Ion: 56 Resp: 143539
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.0
84 98.8 80.6 120.8



#30
1,1,1-Trichloroethane
Concen: 27.229 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

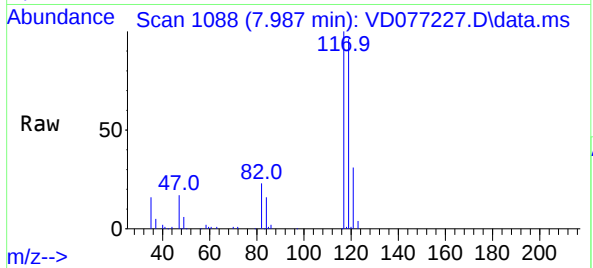
Tgt Ion: 97 Resp: 192380
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 41.2 31.6 47.4



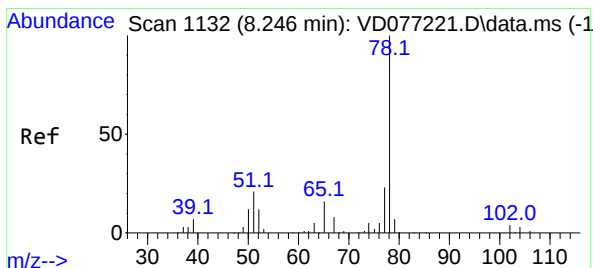
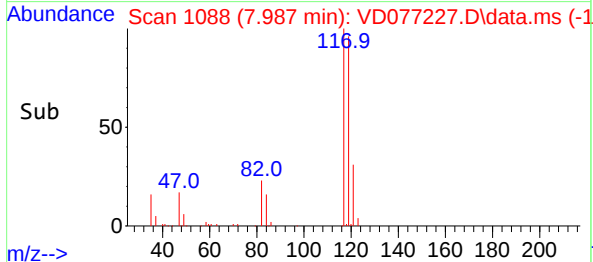
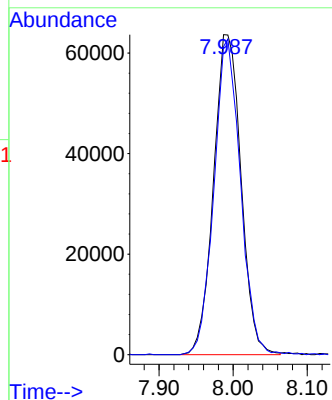


#31
Carbon tetrachloride
Concen: 28.642 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

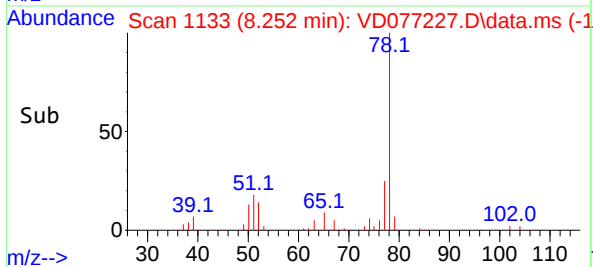
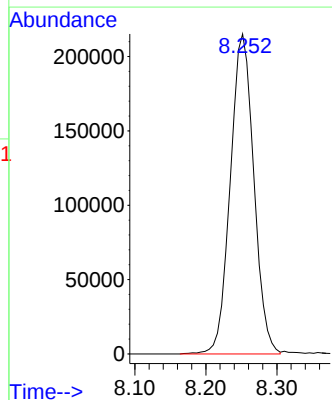
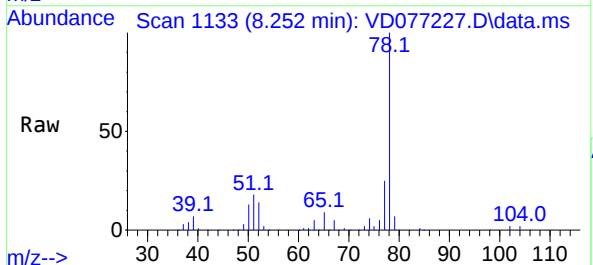


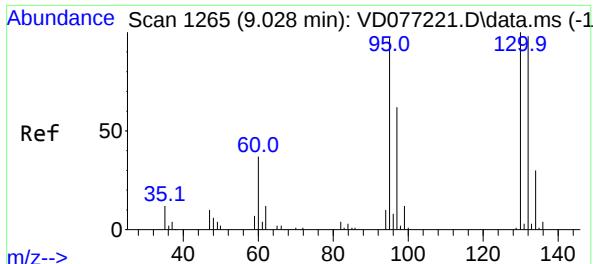
Tgt Ion:117 Resp: 163553
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.0



#33
Benzene
Concen: 27.515 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

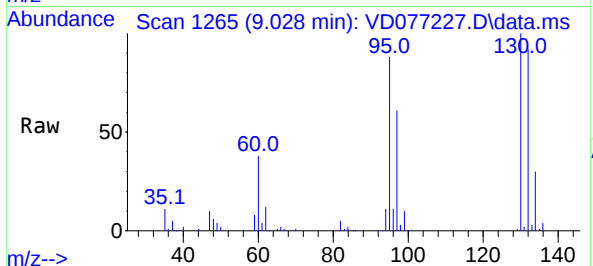
Tgt Ion: 78 Resp: 495457



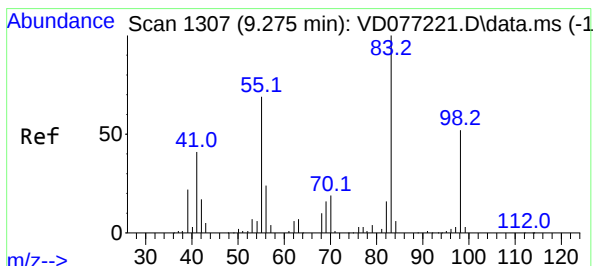
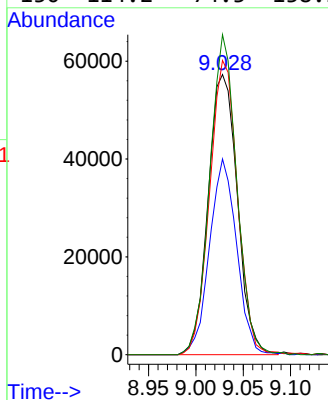
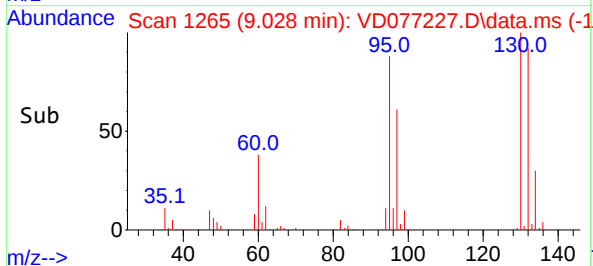


#34
Trichloroethene
Concen: 26.995 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

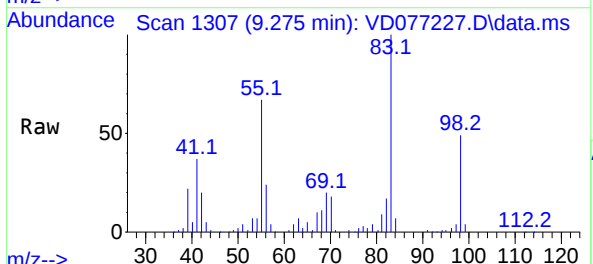
Instrument :
MSVOA_D
ClientSampleId :



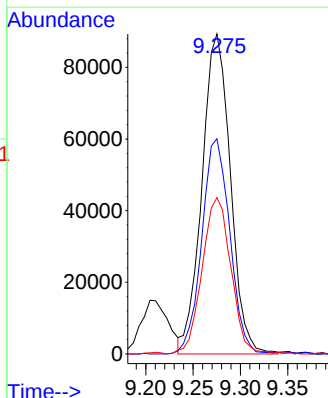
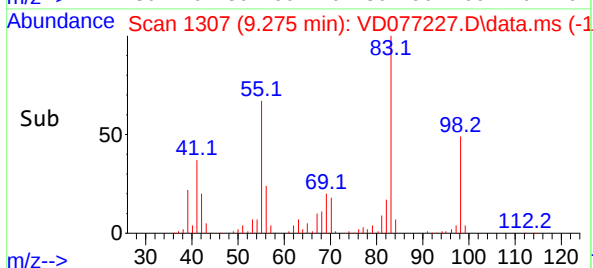
Tgt Ion: 95 Resp: 122661
Ion Ratio Lower Upper
95 100
97 69.9 46.5 86.5
132 105.0 71.8 133.4
130 114.2 74.3 138.1

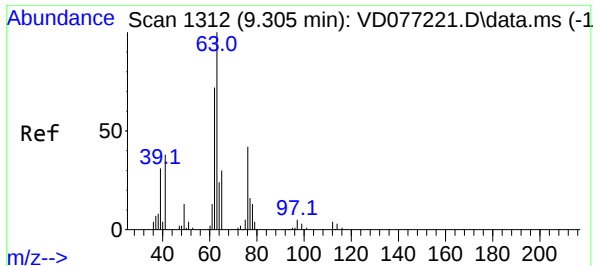


#35
Methylcyclohexane
Concen: 29.530 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34



Tgt Ion: 83 Resp: 186866
Ion Ratio Lower Upper
83 100
55 66.2 53.0 79.4
98 49.2 39.4 59.0

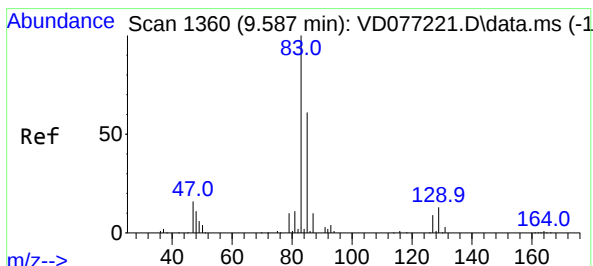
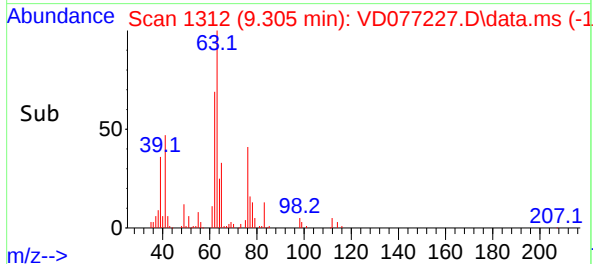
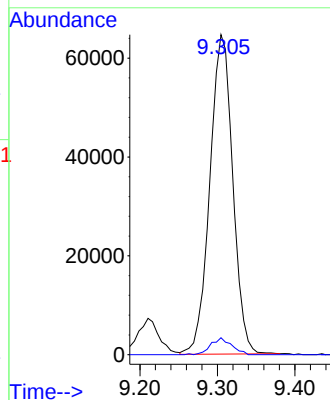
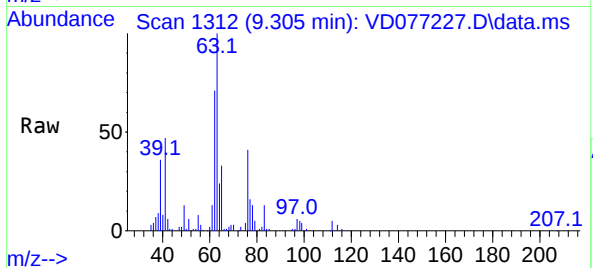




#37
1,2-Dichloropropane
Concen: 26.873 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

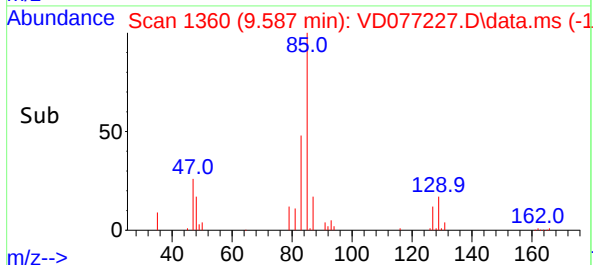
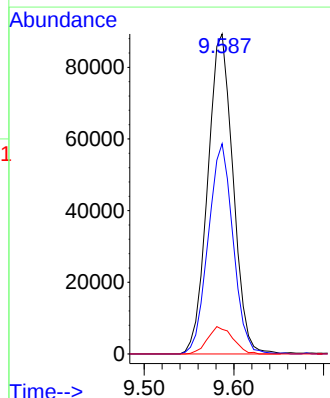
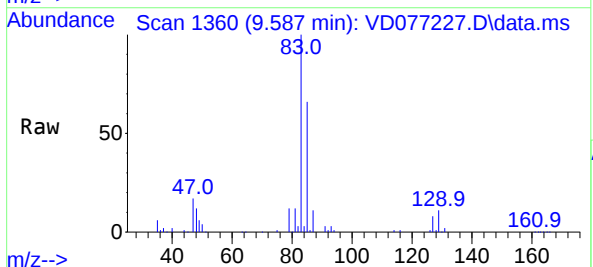
Instrument :
MSVOA_D
ClientSampleId :

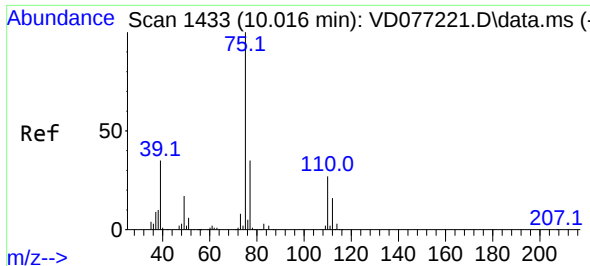
Tgt Ion: 63 Resp: 132757
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.2



#38
Bromodichloromethane
Concen: 26.621 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

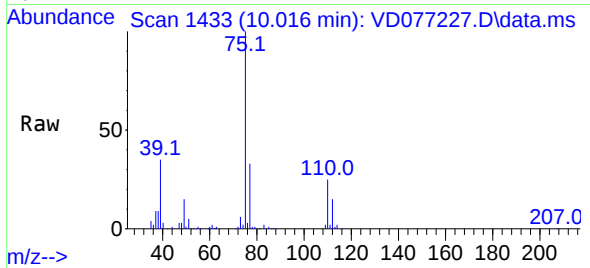
Tgt Ion: 83 Resp: 174777
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.2
127 7.7 7.1 10.7



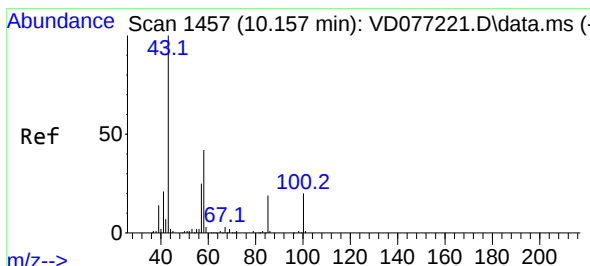
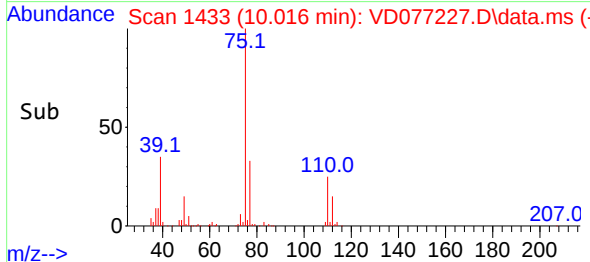
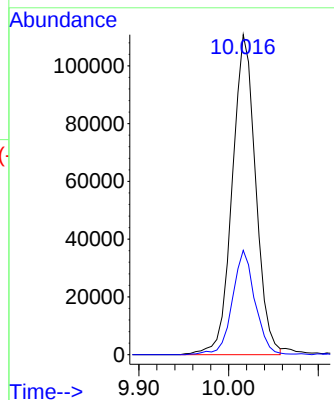


#39
 cis-1,3-Dichloropropene
 Concen: 26.767 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

Instrument :
 MSVOA_D
 ClientSampleId :

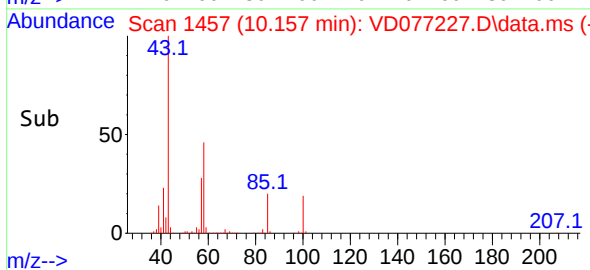
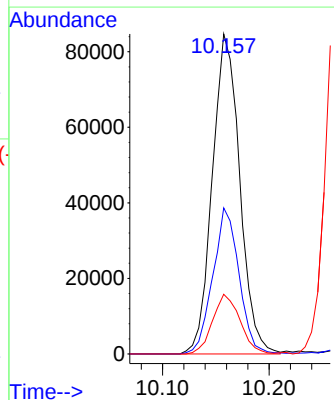
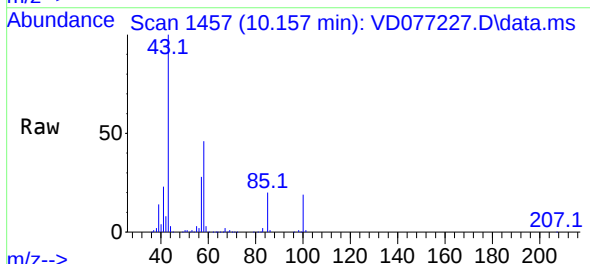


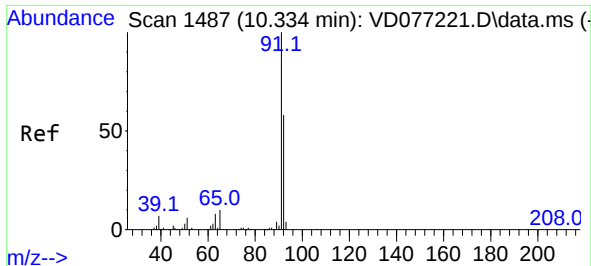
Tgt Ion: 75 Resp: 200888
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 53.484 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

Tgt Ion: 43 Resp: 151397
 Ion Ratio Lower Upper
 43 100
 58 43.6 33.9 50.9
 100 18.7 14.9 22.3

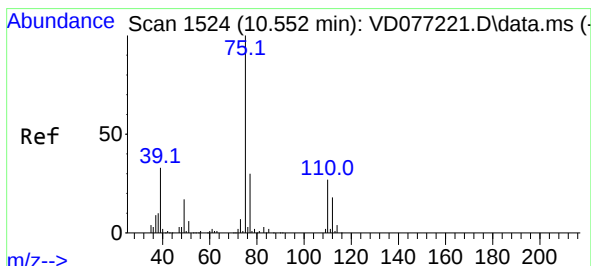
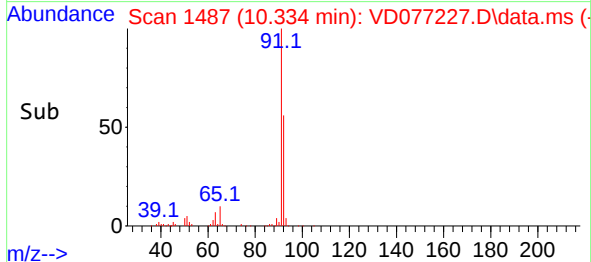
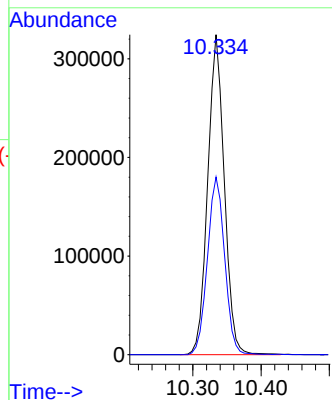
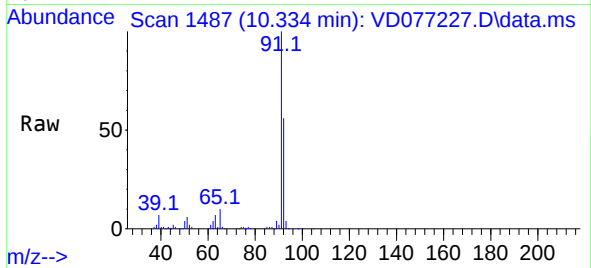




#42
Toluene
Concen: 28.308 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

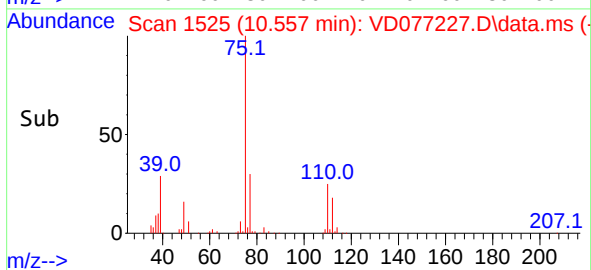
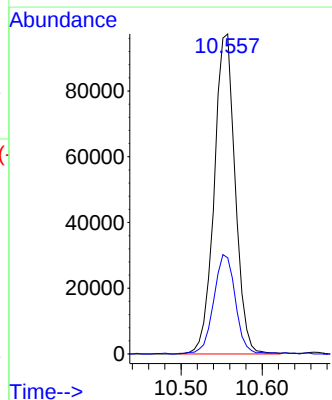
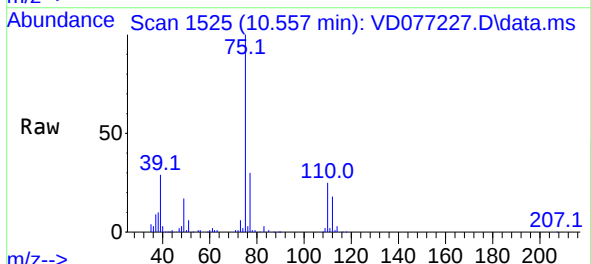
Instrument :
MSVOA_D
ClientSampleId :

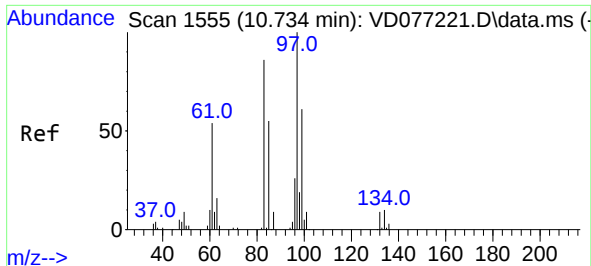
Tgt Ion: 91 Resp: 549931
Ion Ratio Lower Upper
91 100
92 55.5 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 26.981 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion: 75 Resp: 175041
Ion Ratio Lower Upper
75 100
77 30.0 22.1 41.1



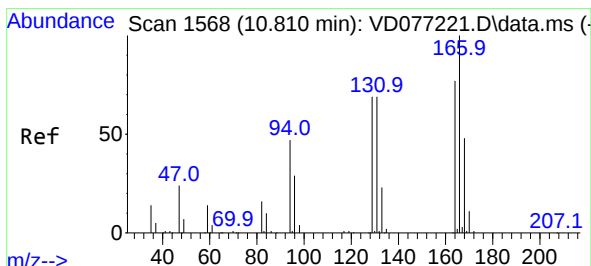
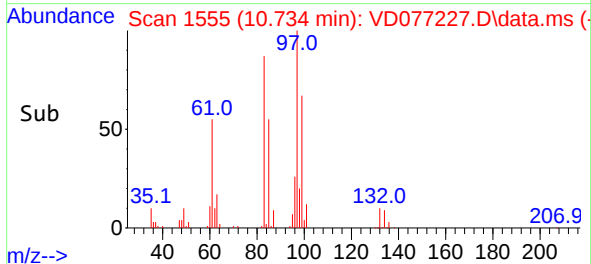
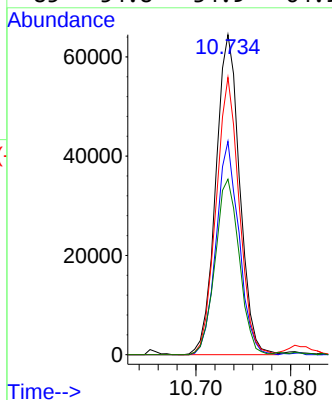
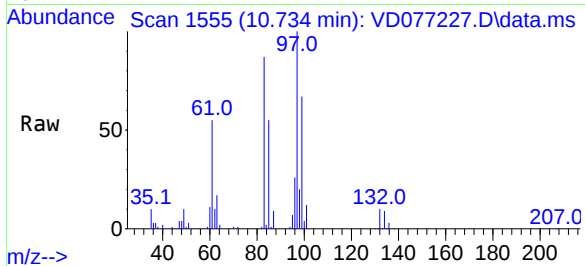


#45
1,1,2-Trichloroethane
Concen: 26.874 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 113055

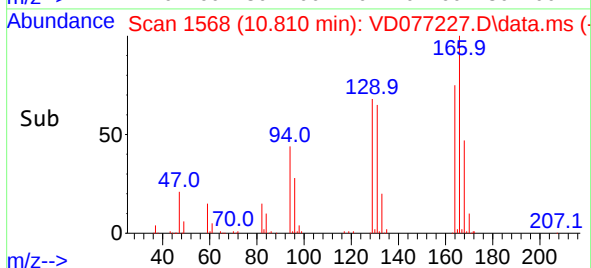
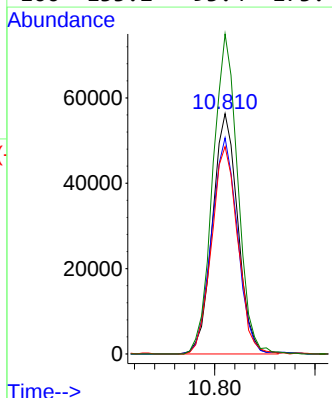
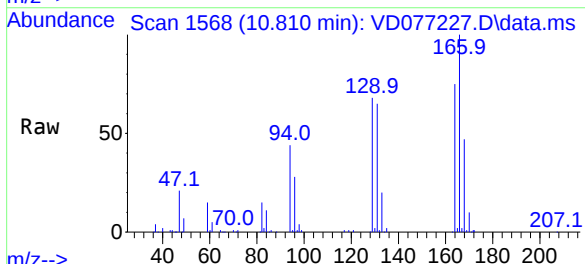
Ion	Ratio	Lower	Upper
97	100		
99	66.6	44.2	82.0
83	86.7	56.4	104.7
85	54.8	34.9	64.9

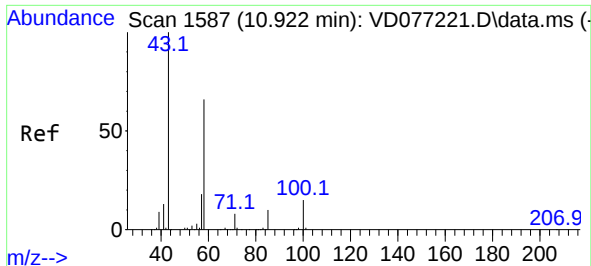


#46
Tetrachloroethene
Concen: 27.624 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion: 164 Resp: 98458

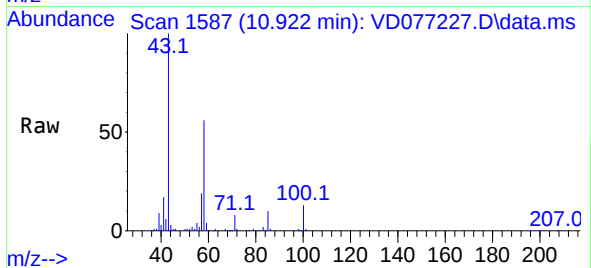
Ion	Ratio	Lower	Upper
164	100		
129	90.0	66.1	122.8
131	86.3	63.5	117.9
166	133.2	93.4	173.4



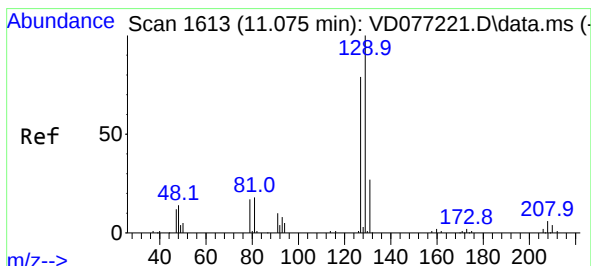
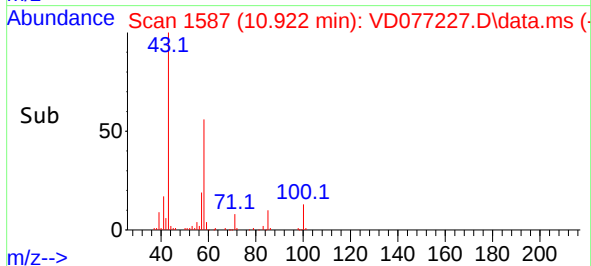
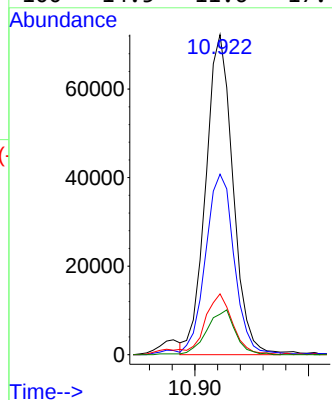


#48
2-Hexanone
Concen: 55.607 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

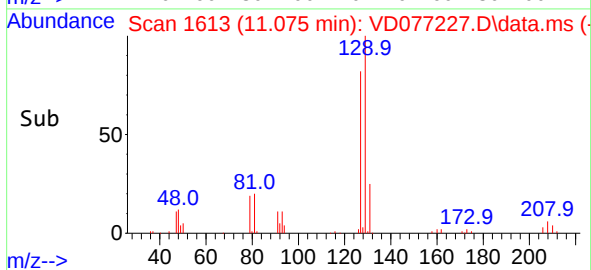
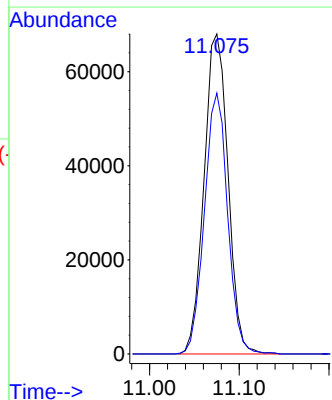
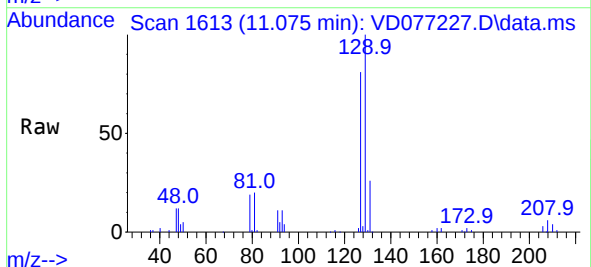


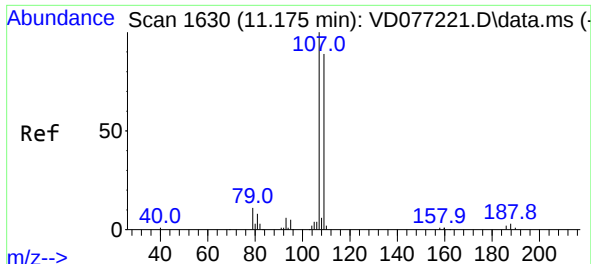
Tgt Ion: 43 Resp: 120713
Ion Ratio Lower Upper
43 100
58 59.2 47.8 71.8
57 18.9 15.6 23.4
100 14.5 11.6 17.4



#49
Dibromochloromethane
Concen: 26.951 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

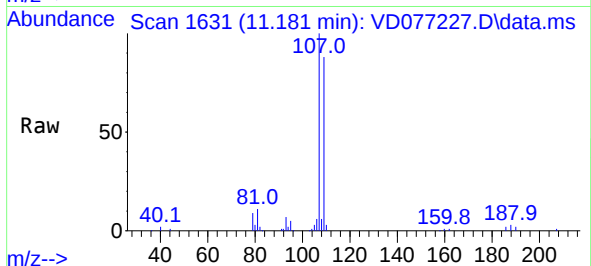
Tgt Ion:129 Resp: 126196
Ion Ratio Lower Upper
129 100
127 81.5 54.5 101.1



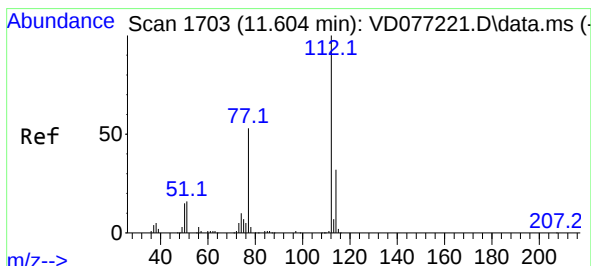
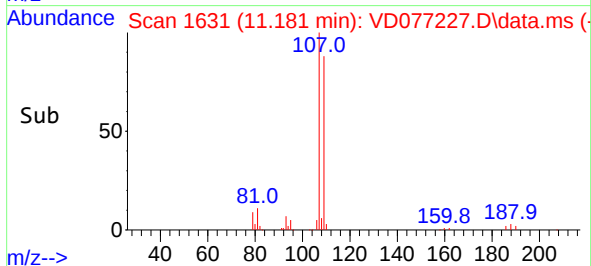
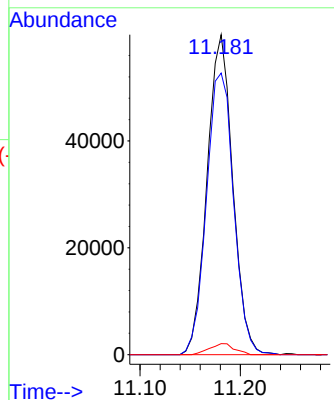


#50
1,2-Dibromoethane
Concen: 27.029 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

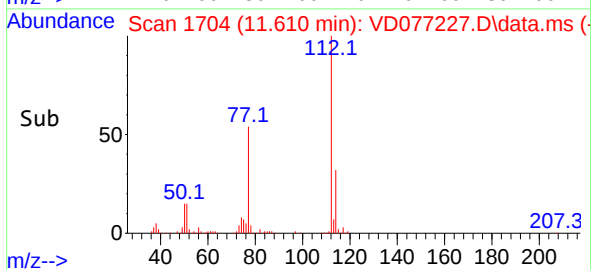
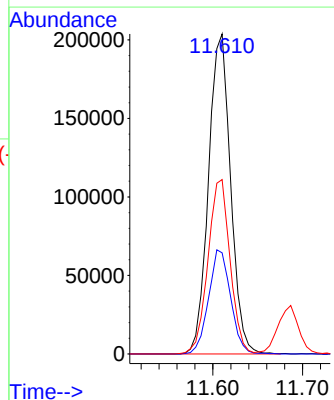
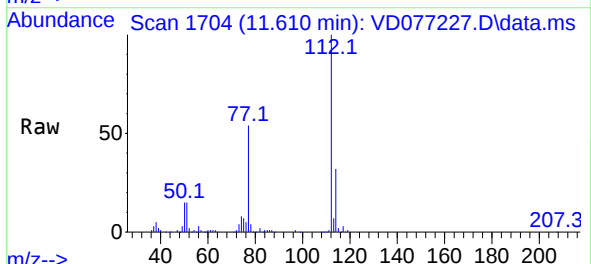


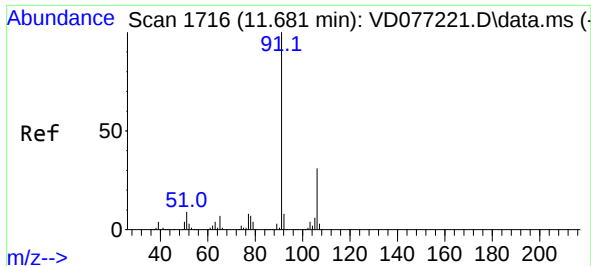
Tgt Ion:107 Resp: 106416
Ion Ratio Lower Upper
107 100
109 88.0 68.8 127.8
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 26.418 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion:112 Resp: 348588
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 54.5 40.8 61.2

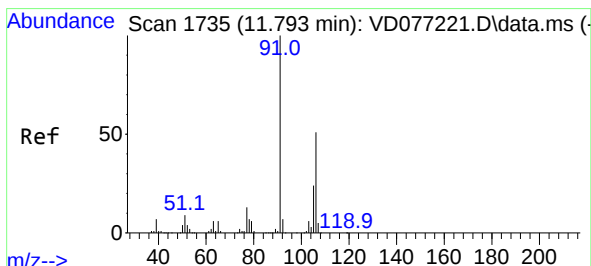
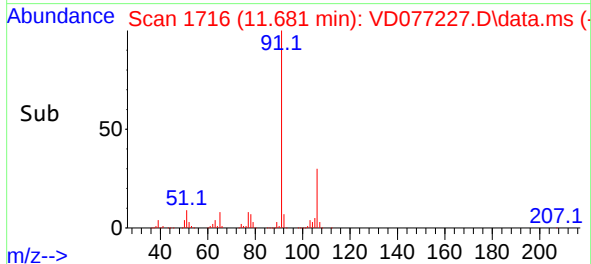
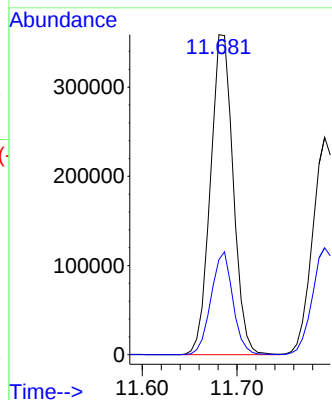
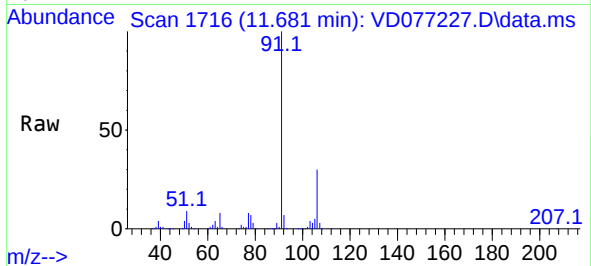




#52
Ethylbenzene
Concen: 28.407 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

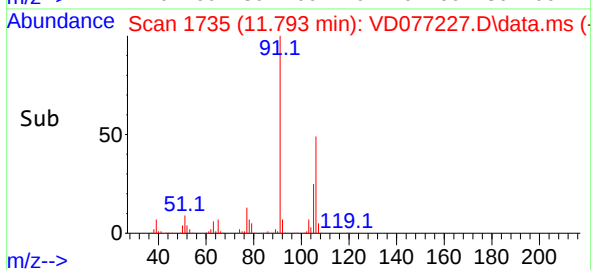
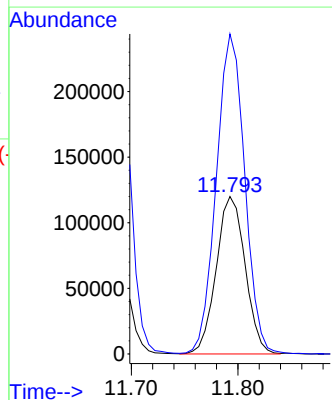
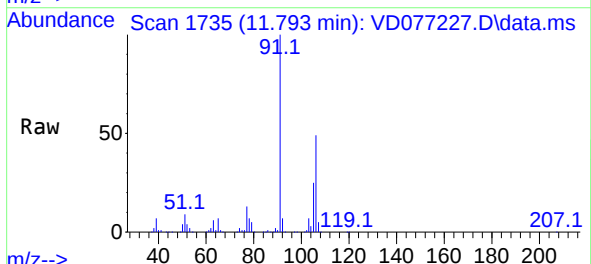
Instrument :
MSVOA_D
ClientSampleId :

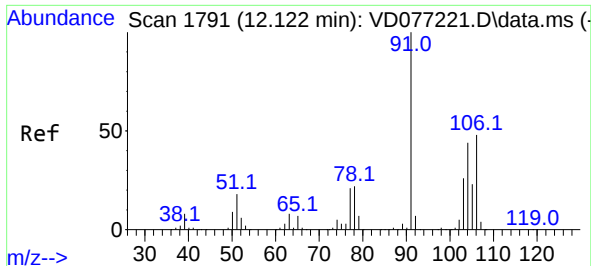
Tgt Ion: 91 Resp: 598264
Ion Ratio Lower Upper
91 100
106 29.7 23.2 43.0



#53
m,p-Xylene
Concen: 28.184 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion:106 Resp: 226380
Ion Ratio Lower Upper
106 100
91 203.3 132.8 246.6

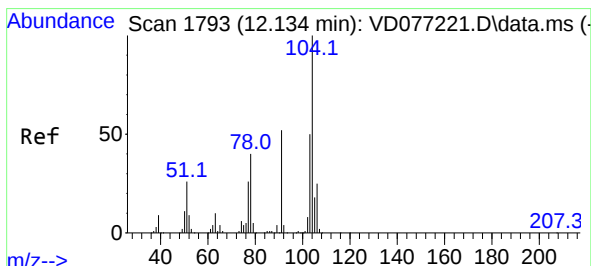
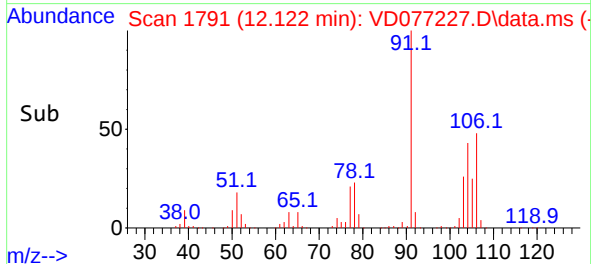
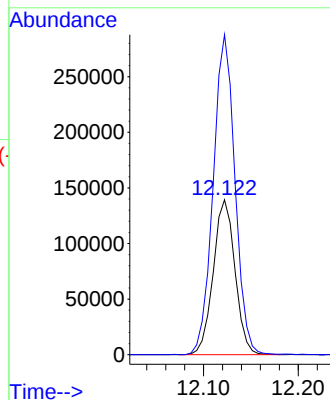
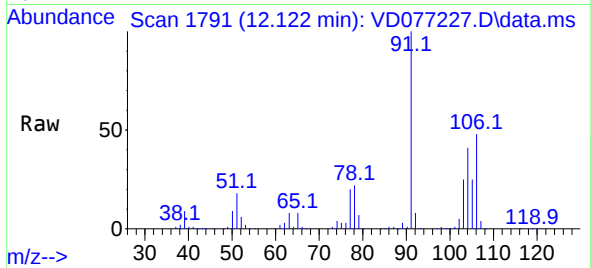




#54
o-Xylene
Concen: 28.343 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

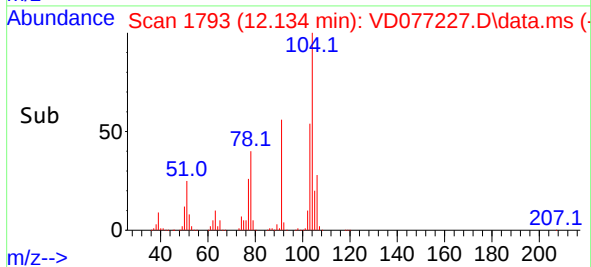
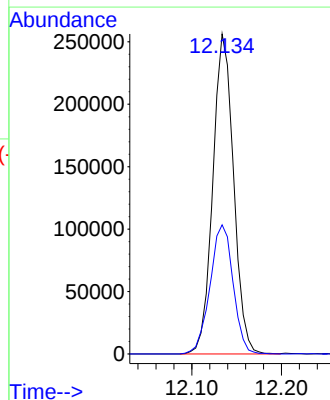
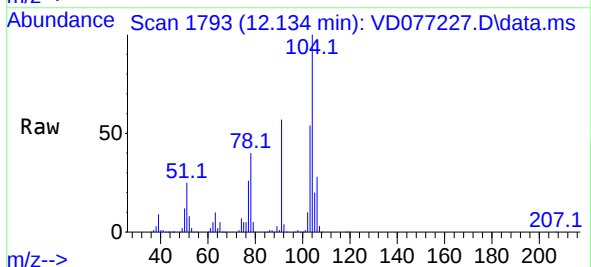
Instrument :
MSVOA_D
ClientSampleId :

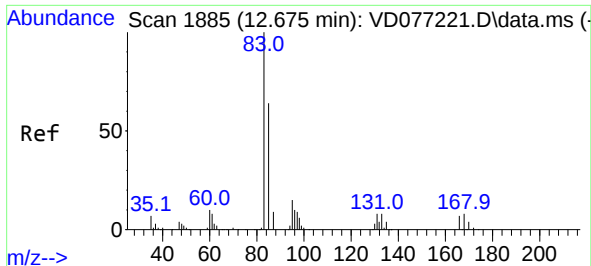
Tgt Ion:106 Resp: 221984
Ion Ratio Lower Upper
106 100
91 206.7 146.7 272.5



#55
Styrene
Concen: 28.911 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion:104 Resp: 411698
Ion Ratio Lower Upper
104 100
78 40.4 29.0 53.8

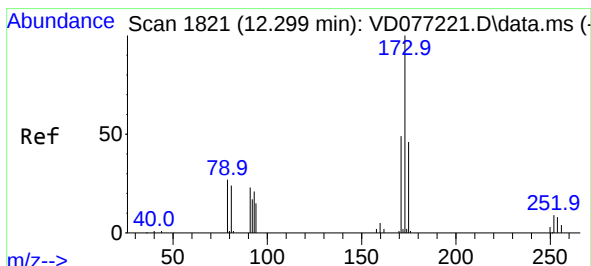
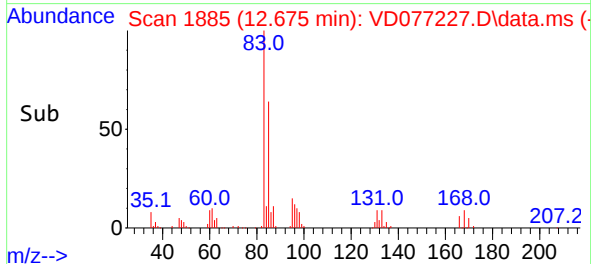
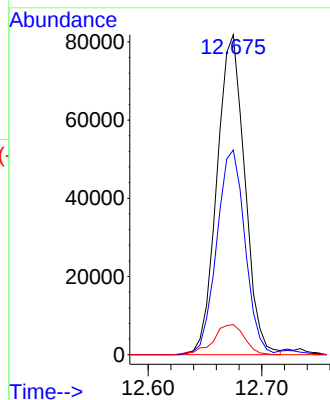
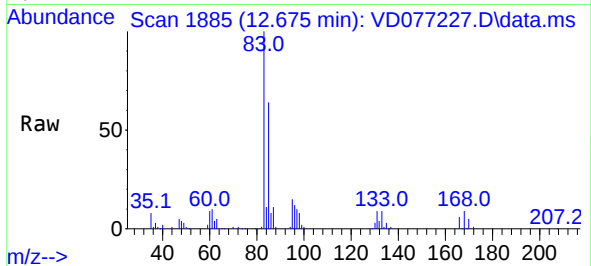




#57
1,1,2,2-Tetrachloroethane
Concen: 27.700 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

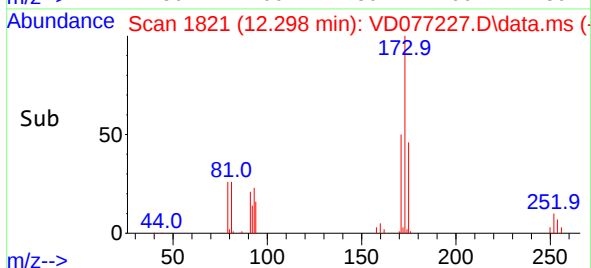
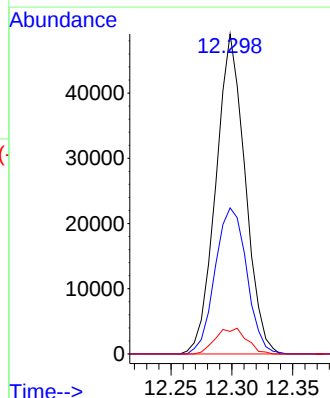
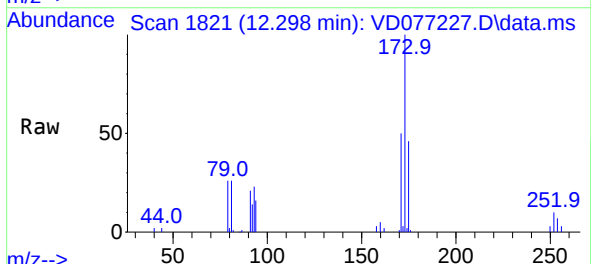
Instrument :
MSVOA_D
ClientSampleId :

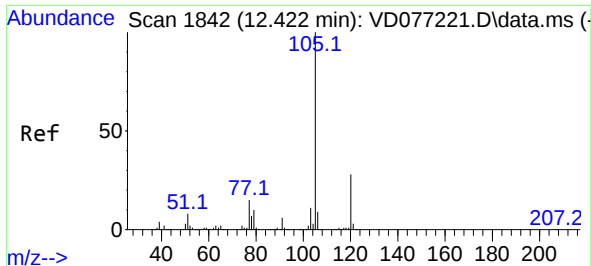
Tgt Ion: 83 Resp: 139314
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.8
131 9.4 7.7 11.5



#59
Bromoform
Concen: 26.555 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

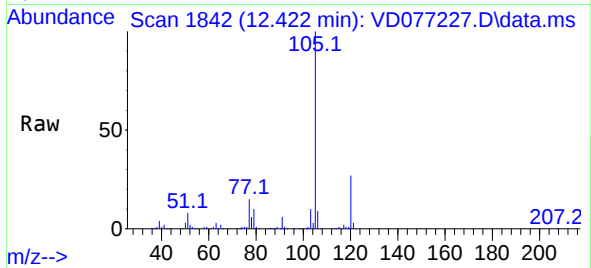
Tgt Ion:173 Resp: 81898
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 8.6 7.1 10.7



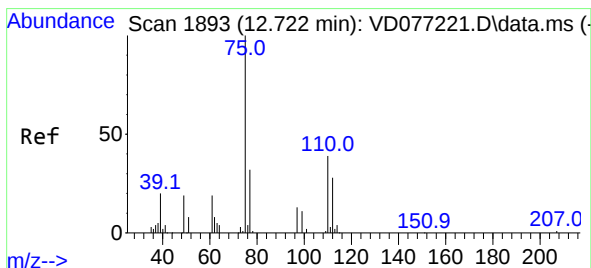
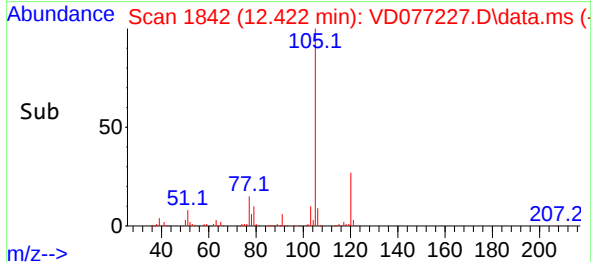
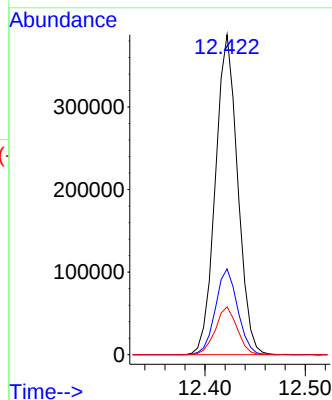


#60
Isopropylbenzene
Concen: 27.909 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

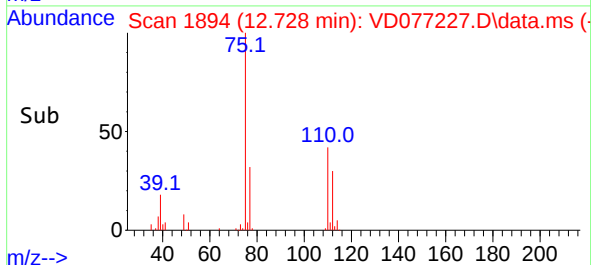
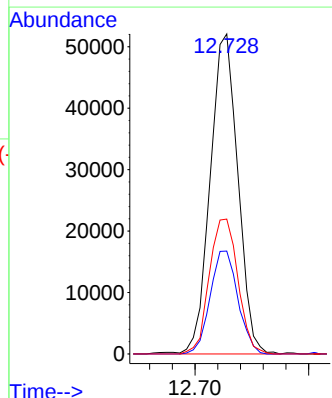
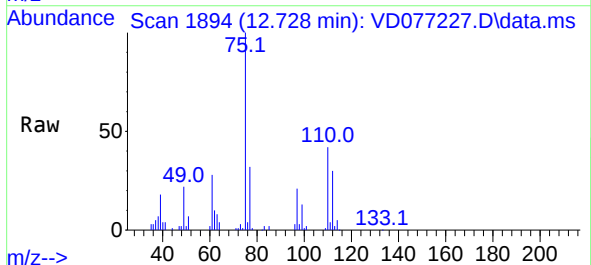


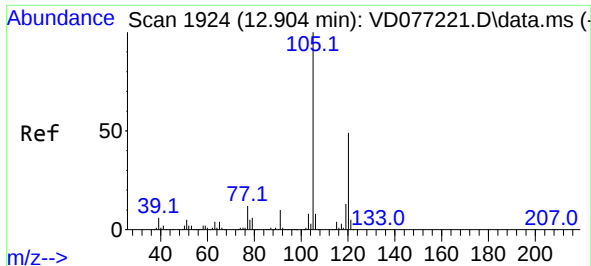
Tgt Ion:105 Resp: 597348
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.6 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 25.374 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion: 75 Resp: 88026
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
110 43.7 33.8 50.8

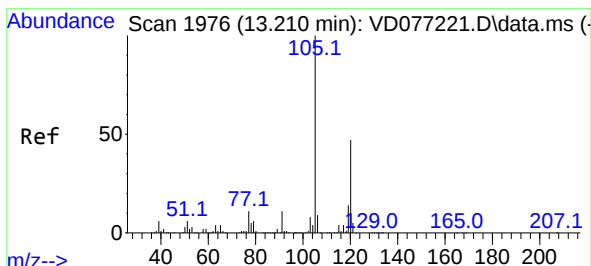
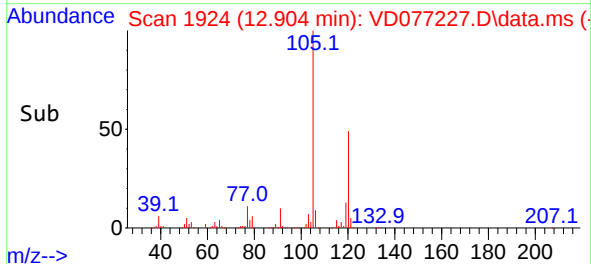
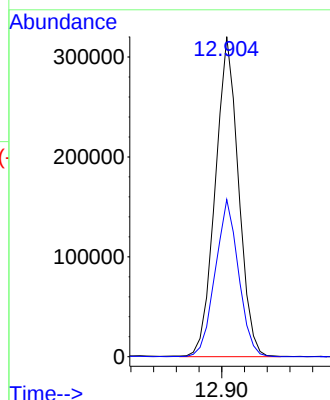
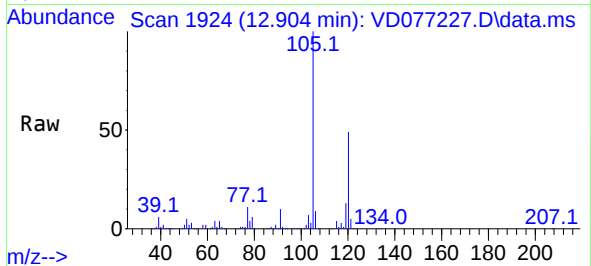




#62
1,3,5-Trimethylbenzene
Concen: 27.837 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

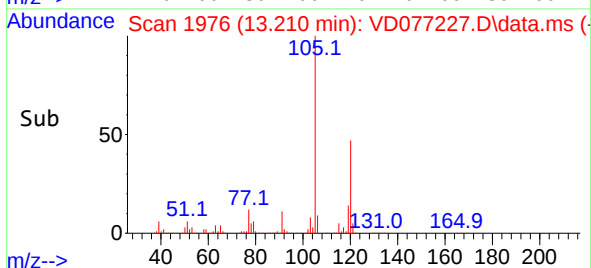
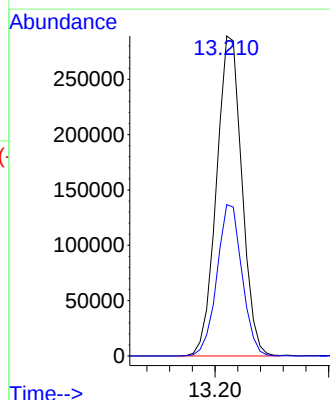
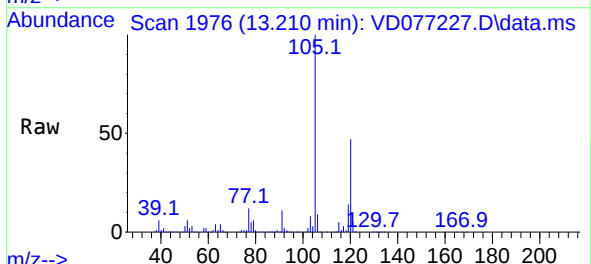
Instrument :
MSVOA_D
ClientSampleId :

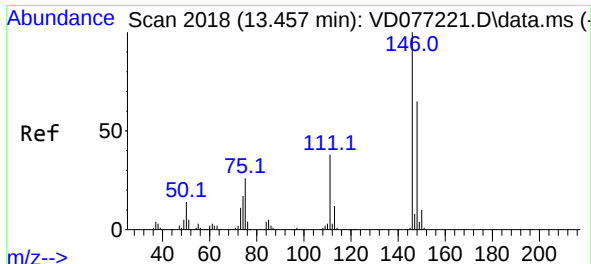
Tgt Ion:105 Resp: 455549
Ion Ratio Lower Upper
105 100
120 49.2 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 27.672 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

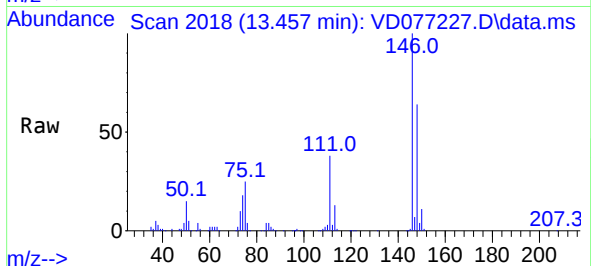
Tgt Ion:105 Resp: 449639
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4



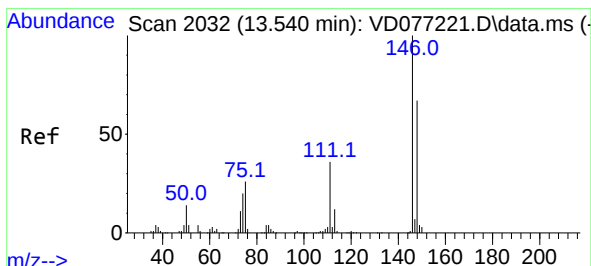
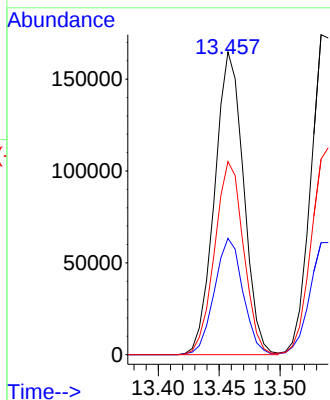
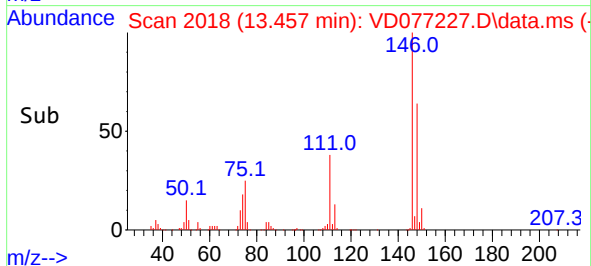


#64
1,3-Dichlorobenzene
Concen: 26.180 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :

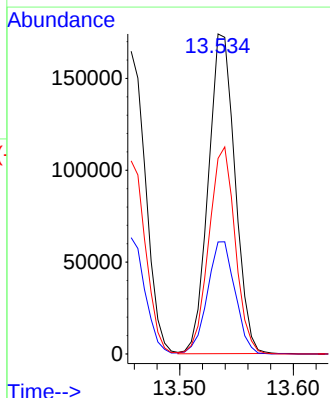
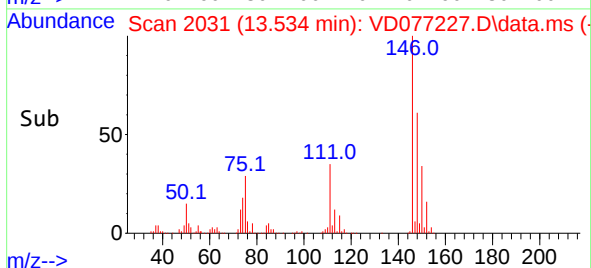
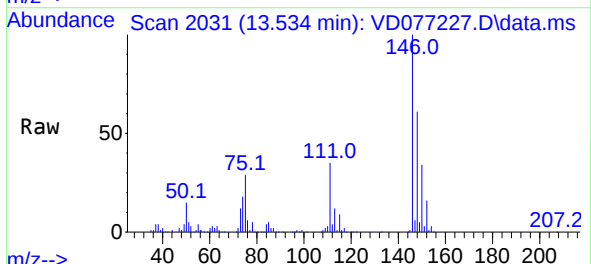


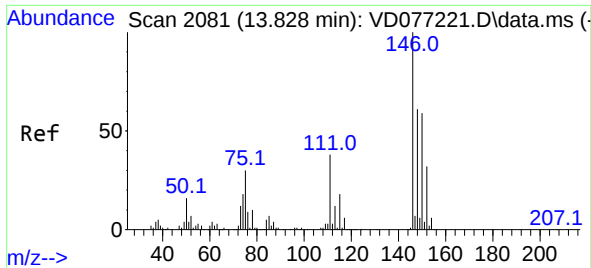
Tgt Ion:146 Resp: 272718
Ion Ratio Lower Upper
146 100
111 38.4 26.1 48.5
148 63.8 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 26.157 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

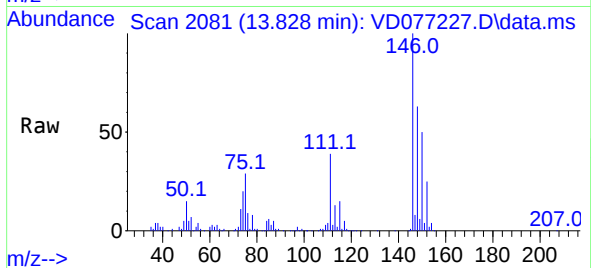
Tgt Ion:146 Resp: 284735
Ion Ratio Lower Upper
146 100
111 35.0 24.6 45.8
148 61.1 43.5 80.7



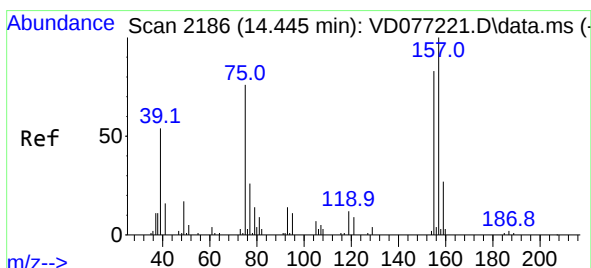
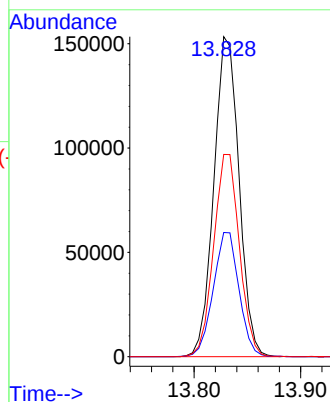
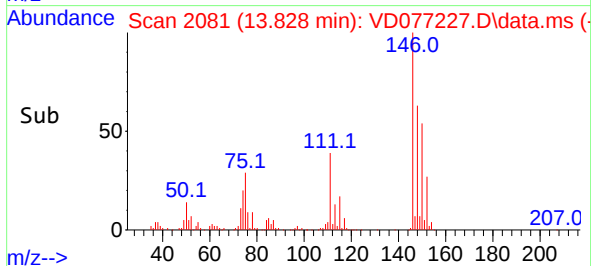


#67
1,2-Dichlorobenzene
Concen: 26.245 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

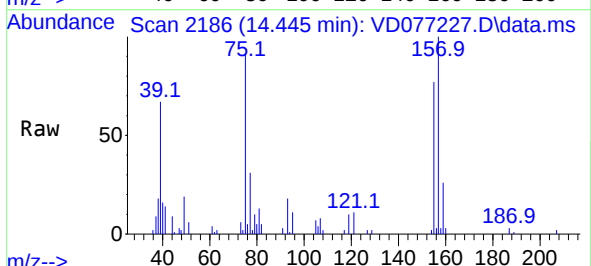
Instrument :
MSVOA_D
ClientSampleId :



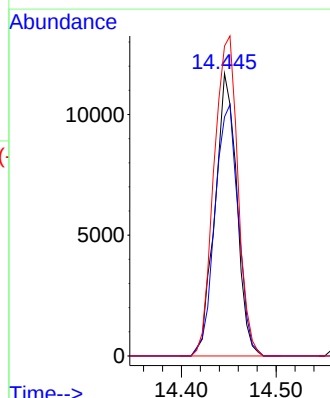
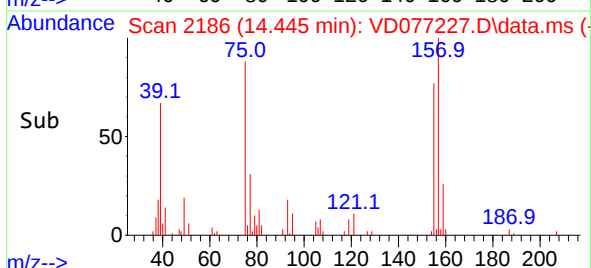
Tgt Ion:146 Resp: 251849
Ion Ratio Lower Upper
146 100
111 38.8 32.3 48.5
148 63.2 51.4 77.0

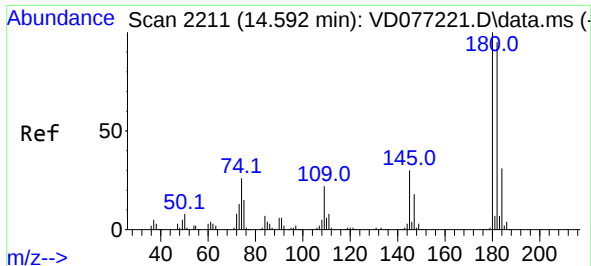


#68
1,2-Dibromo-3-chloropropane
Concen: 25.223 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34



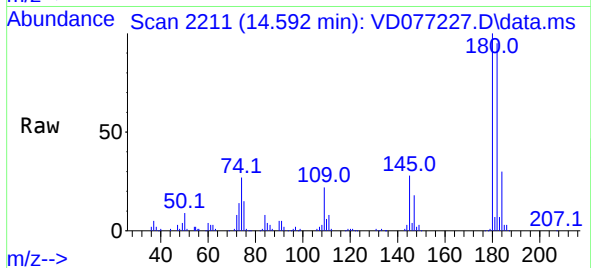
Tgt Ion: 75 Resp: 18723
Ion Ratio Lower Upper
75 100
155 84.7 69.8 104.6
157 109.8 91.5 137.3





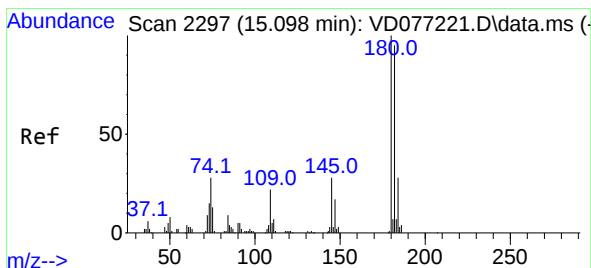
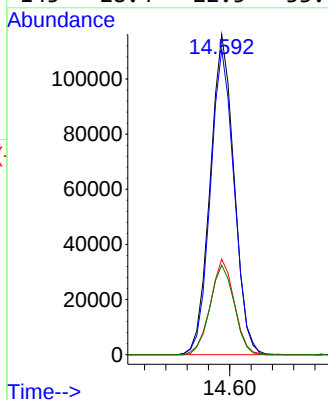
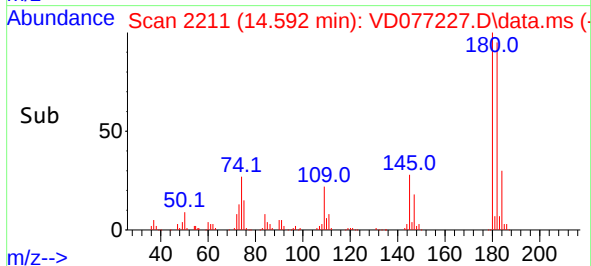
#69
 1,3,5-Trichlorobenzene
 Concen: 26.369 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34

Instrument :
 MSVOA_D
 ClientSampleId :

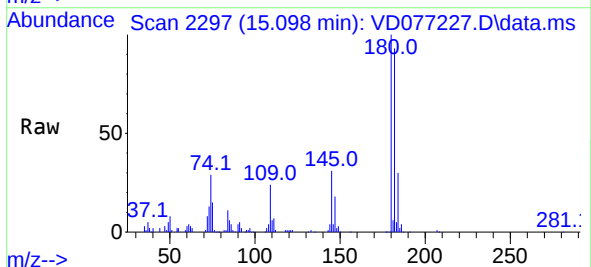


Tgt Ion:180 Resp: 180580

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.2	112.8
184	29.6	25.0	37.4
145	28.4	22.5	33.7

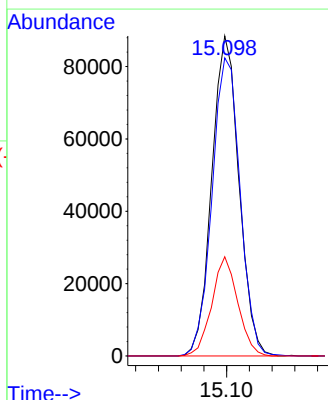
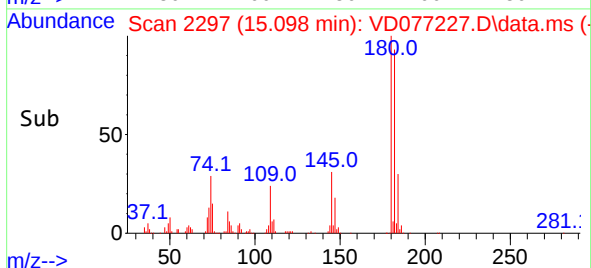


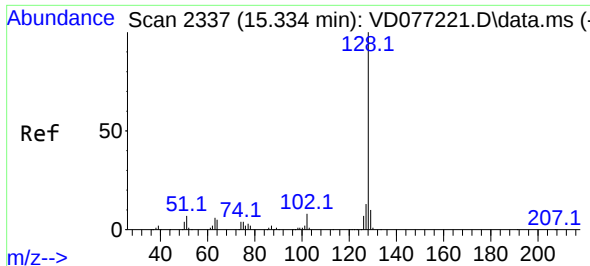
#70
 1,2,4-trichlorobenzene
 Concen: 25.070 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD077227.D
 Acq: 26 Sep 2023 18:34



Tgt Ion:180 Resp: 147151

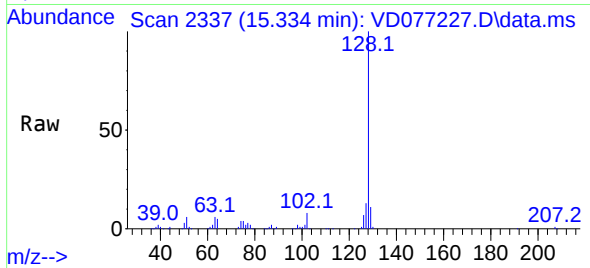
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	29.6	23.0	34.6



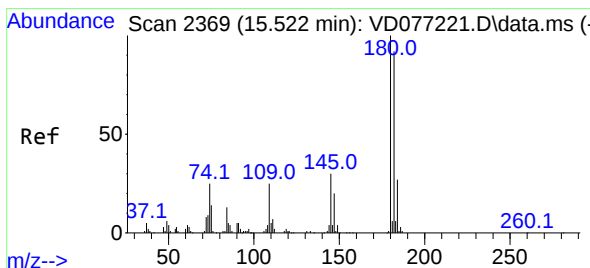
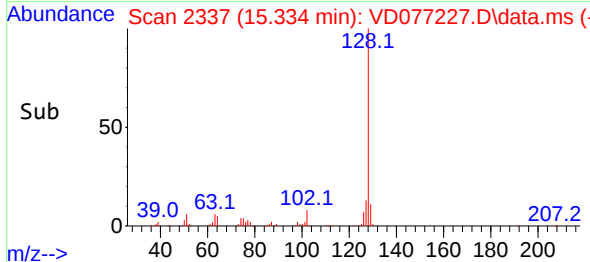
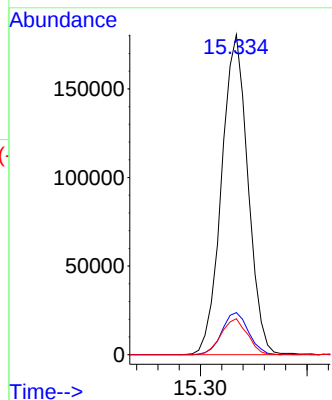


#71
Naphthalene
Concen: 25.547 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 310391
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.816 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077227.D
Acq: 26 Sep 2023 18:34

Tgt Ion:180 Resp: 141568
Ion Ratio Lower Upper
180 100
182 95.1 77.4 116.2
145 31.4 25.5 38.3

