

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111523\
 Data File : VD077578.D
 Acq On : 15 Nov 2023 16:30
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 05:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	165872	20.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.811	69	148445	23.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	3.922	65	51418	20.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.200%
21) 2-Butanone-d5	6.987	46	68981	49.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.680%
24) Chloroform-d	7.569	84	223946	24.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.680%
26) 1,2-Dichloroethane-d4	8.228	65	121736	25.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.840%
32) Benzene-d6	8.205	84	451213	23.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.210	67	150502	24.499	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	10.269	98	400733	23.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.522	79	62588	23.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.520%
47) 2-Hexanone-d5	10.875	63	57539	52.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105060	25.812	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	126859	24.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	83513	16.501	ug/L	98
3) Chloromethane	2.152	50	136590	18.759	ug/L	97
5) Vinyl chloride	2.293	62	143551	17.467	ug/L	98
6) Bromomethane	2.705	94	83563	19.098	ug/L	96
8) Chloroethane	2.846	64	96942	18.974	ug/L	98
9) Trichlorofluoromethane	3.187	101	134660	18.004	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	80859	17.568	ug/L	98
12) 1,1-Dichloroethene	3.946	96	76279	17.068	ug/L #	84
13) Acetone	4.022	43	49698	34.159	ug/L	95
14) Carbon disulfide	4.275	76	266141	16.539	ug/L	98
15) Methyl Acetate	4.564	43	42159	17.614	ug/L #	82
16) Methylene chloride	4.805	84	92271	17.390	ug/L	91
17) trans-1,2-Dichloroethene	5.322	96	83941	17.856	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	201978	18.306	ug/L	99
19) 1,1-Dichloroethane	6.116	63	176619	18.725	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	93419	18.291	ug/L	98
22) 2-Butanone	7.081	43	59260	33.852	ug/L	99
23) Bromochloromethane	7.428	128	37707	18.374	ug/L	97
25) Chloroform	7.593	83	169422	19.553	ug/L	97

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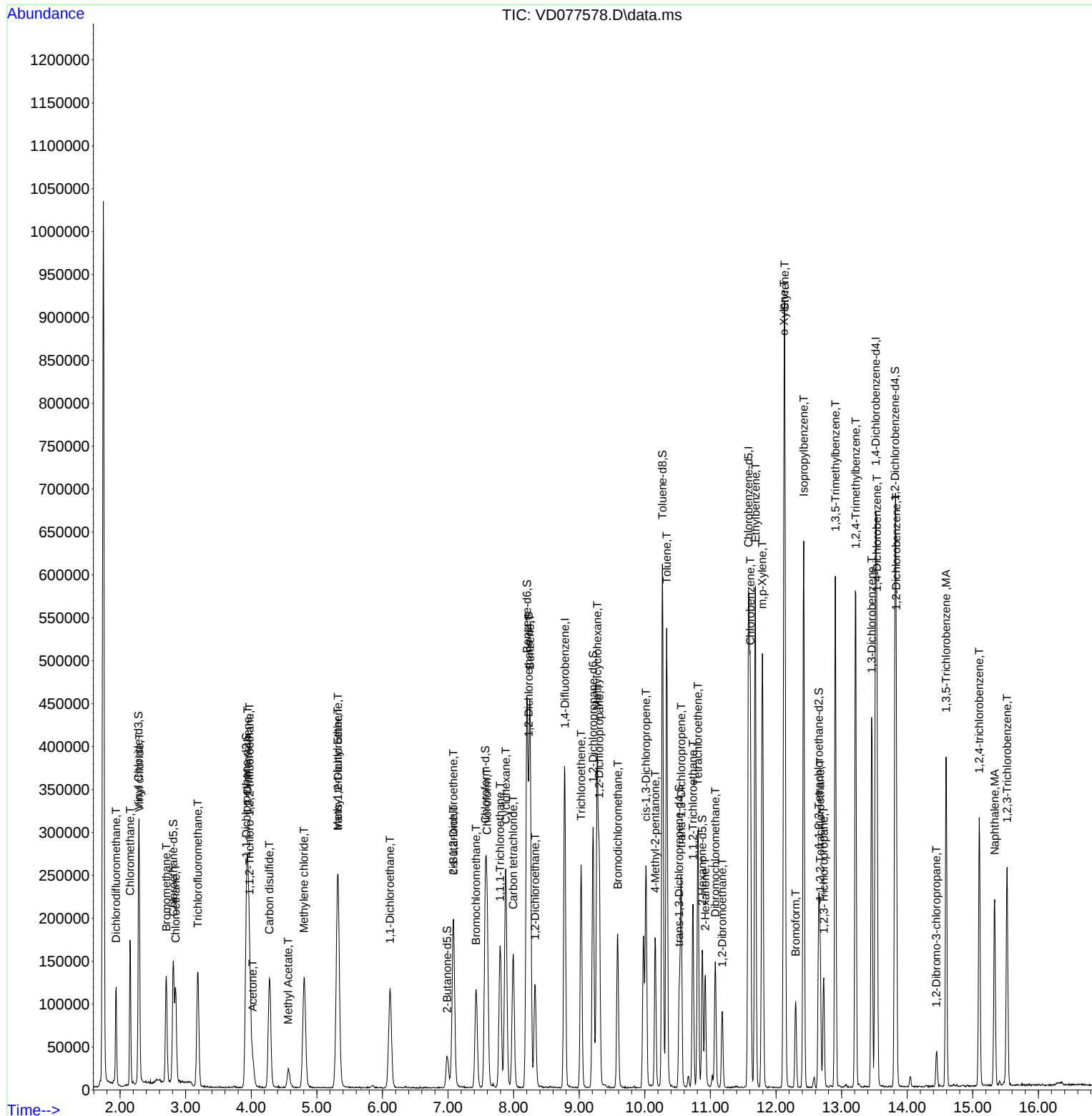
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109816	19.119	ug/L	98
29) Cyclohexane	7.881	56	147033	15.584	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	137543	18.081	ug/L	99
31) Carbon tetrachloride	7.993	117	116083	17.757	ug/L	98
33) Benzene	8.252	78	373232	18.522	ug/L	100
34) Trichloroethene	9.028	95	90849	18.195	ug/L	92
35) Methylcyclohexane	9.275	83	146533	16.263	ug/L	99
37) 1,2-Dichloropropane	9.304	63	102296	18.261	ug/L	99
38) Bromodichloromethane	9.587	83	119344	18.573	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	158479	18.410	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	123603	36.208	ug/L	97
42) Toluene	10.334	91	388263	18.352	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	135192	19.007	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	65287	19.066	ug/L	99
46) Tetrachloroethene	10.810	164	65492	17.826	ug/L	97
48) 2-Hexanone	10.922	43	86299	31.893	ug/L	98
49) Dibromochloromethane	11.075	129	73186	18.816	ug/L	99
50) 1,2-Dibromoethane	11.181	107	59278	18.103	ug/L	100
51) Chlorobenzene	11.610	112	230745	18.617	ug/L	98
52) Ethylbenzene	11.687	91	426904	18.339	ug/L	97
53) m,p-Xylene	11.793	106	157158	18.553	ug/L	98
54) o-Xylene	12.122	106	153182	18.881	ug/L	96
55) Styrene	12.134	104	264117	18.645	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	75769	18.783	ug/L	98
59) Bromoform	12.298	173	43419	17.799	ug/L	99
60) Isopropylbenzene	12.422	105	407539	17.610	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	52744	17.306	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	307617	17.514	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	316056	17.764	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	171349	18.047	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	174517	18.213	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	153648	18.304	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11371	17.153	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	110716	17.126	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	94023	17.257	ug/L	99
71) Naphthalene	15.334	128	179236	17.455	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	81415	17.525	ug/L	98

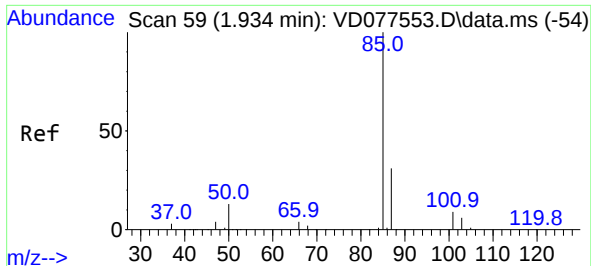
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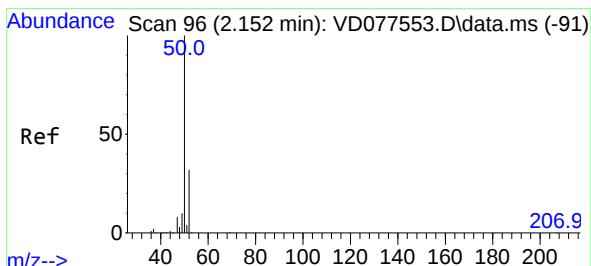
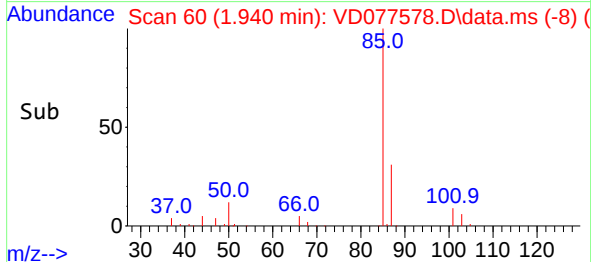
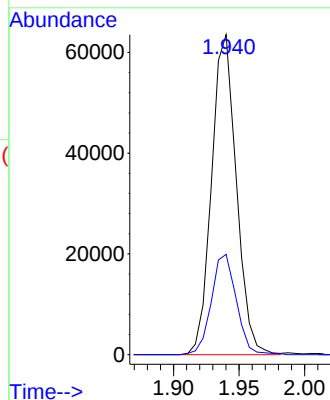
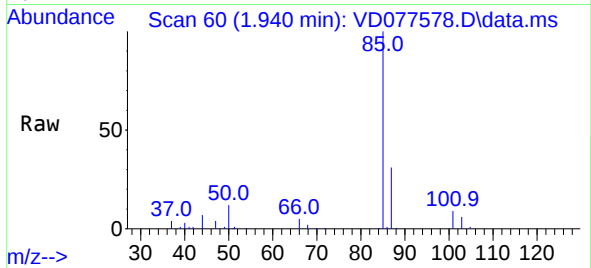




#2
Dichlorodifluoromethane
Concen: 16.501 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

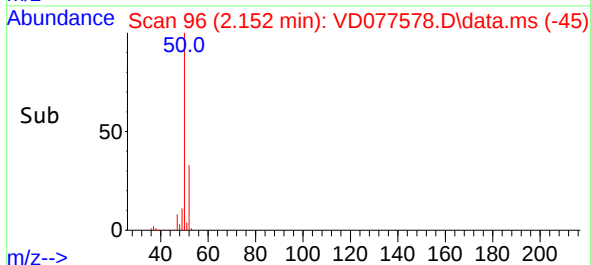
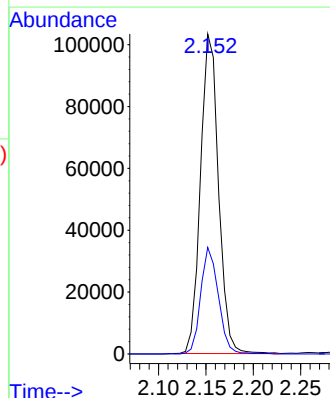
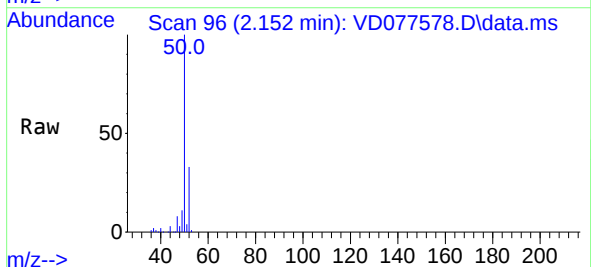
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MSVOA_D
ClientSampleId :

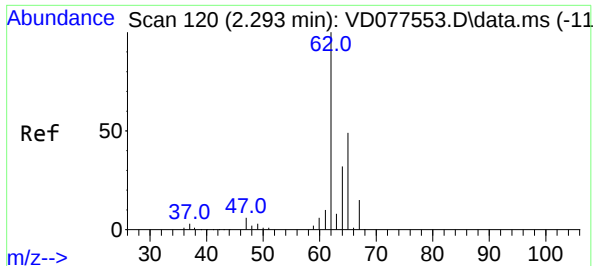
Tgt Ion: 85 Resp: 83513
Ion Ratio Lower Upper
85 100
87 31.6 26.2 39.2



#3
Chloromethane
Concen: 18.759 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 50 Resp: 136590
Ion Ratio Lower Upper
50 100
52 33.3 22.1 41.1

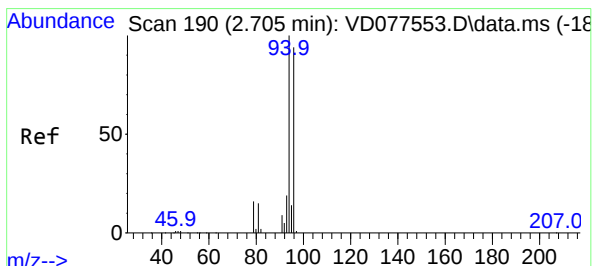
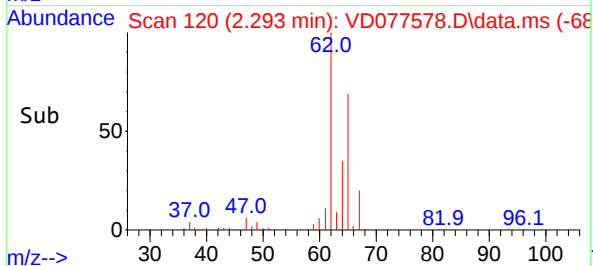
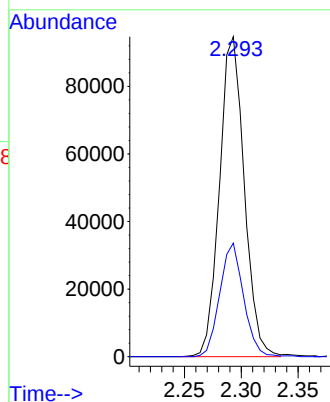
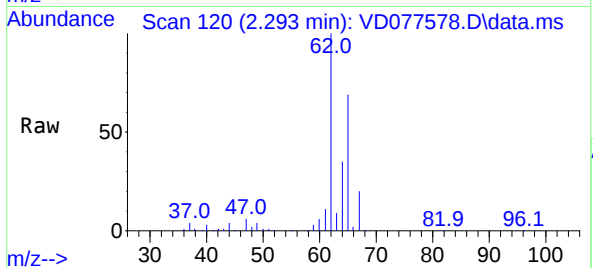




#5
 Vinyl chloride
 Concen: 17.467 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077578.D
 Acq: 15 Nov 2023 16:30

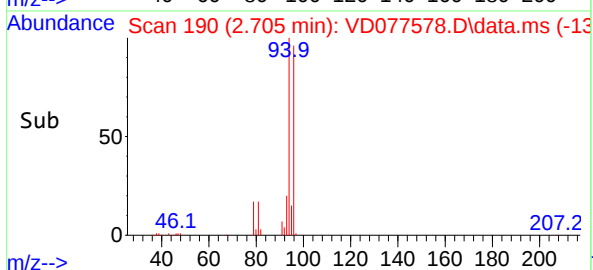
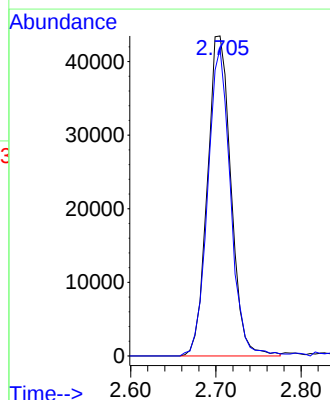
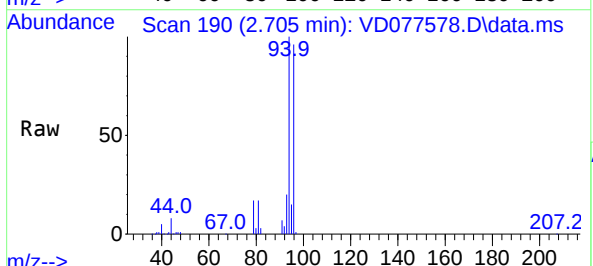
Instrument :
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 ClientSampleId :

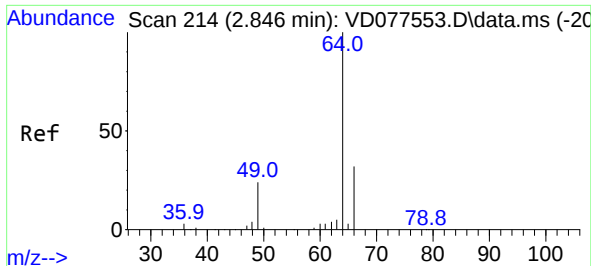
Tgt Ion: 62 Resp: 143551
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.9 44.5



#6
 Bromomethane
 Concen: 19.098 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077578.D
 Acq: 15 Nov 2023 16:30

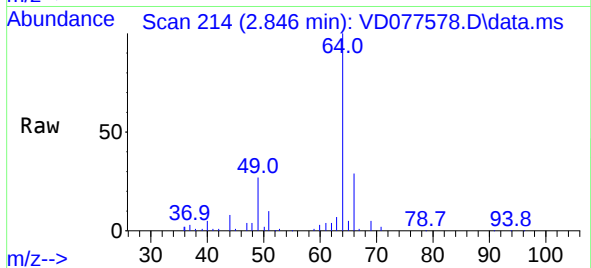
Tgt Ion: 94 Resp: 83563
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.5 119.9



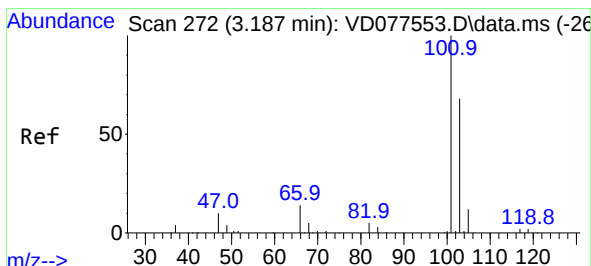
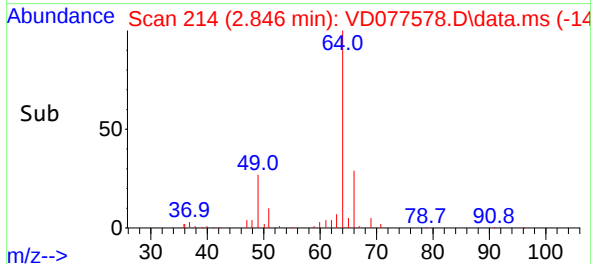
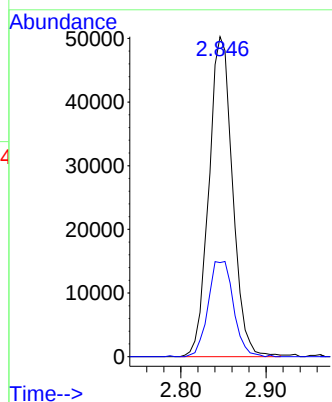


#8
Chloroethane
Concen: 18.974 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

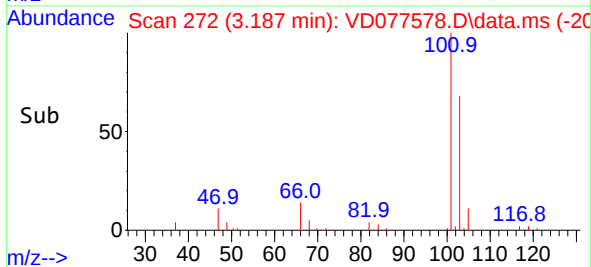
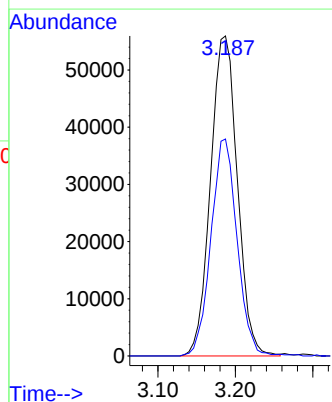
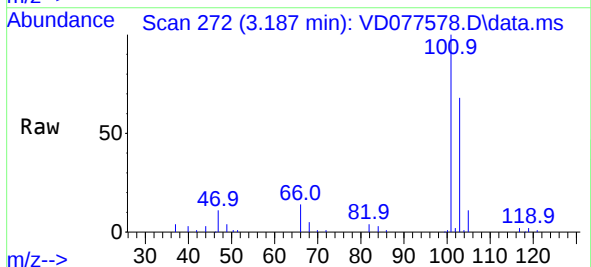


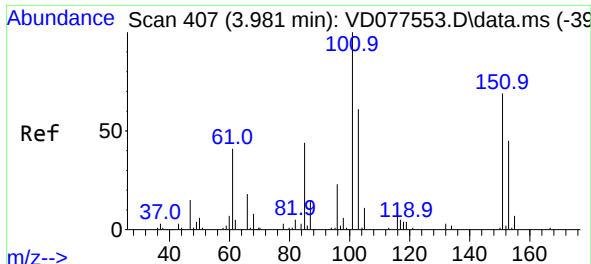
Tgt Ion: 64 Resp: 96942
Ion Ratio Lower Upper
64 100
66 29.4 19.8 36.8



#9
Trichlorofluoromethane
Concen: 18.004 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.012 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:101 Resp: 134660
Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9

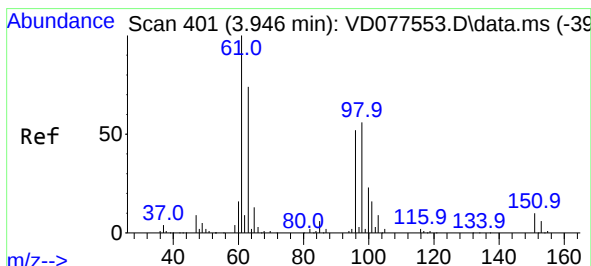
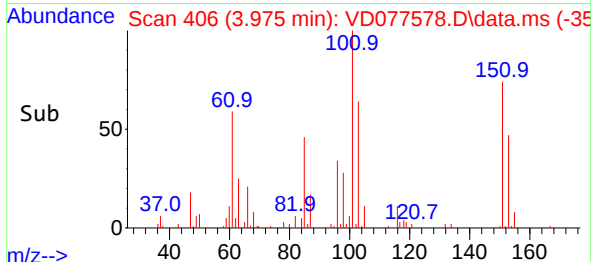
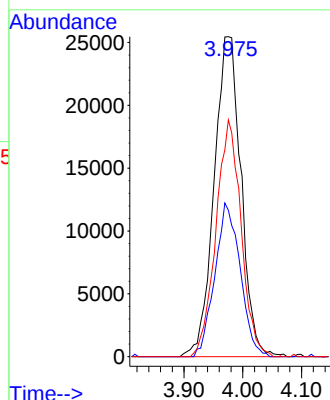
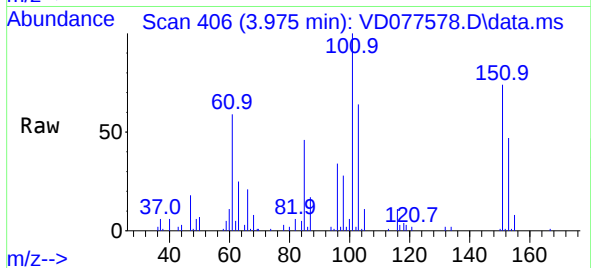




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 17.568 ug/L
RT: 3.975 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

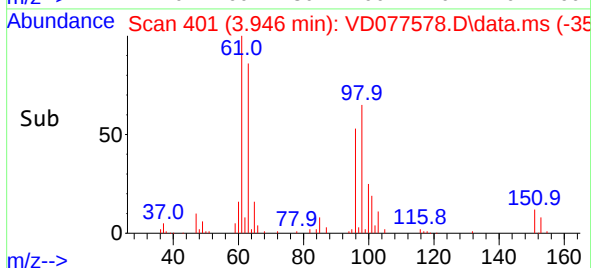
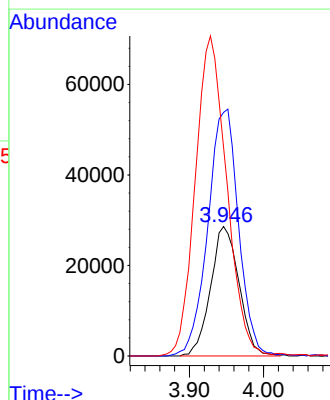
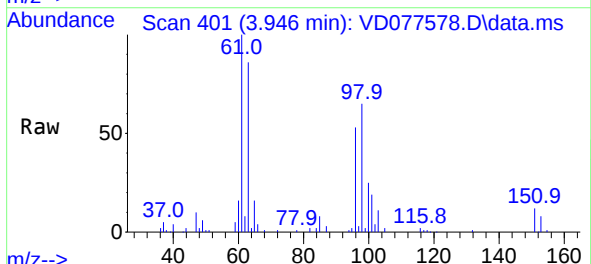
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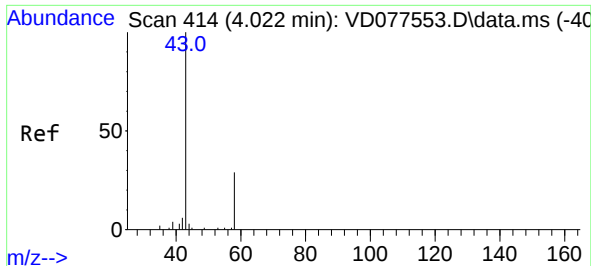
Tgt Ion:101 Resp: 80859
Ion Ratio Lower Upper
101 100
85 45.2 36.8 55.2
151 69.3 56.6 84.8



#12
1,1-Dichloroethene
Concen: 17.068 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 96 Resp: 76279
Ion Ratio Lower Upper
96 100
61 188.1 127.5 236.9
63 161.2 86.4 160.4#





#13

Acetone

Concen: 34.159 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

Instrument :

MSVOA_D

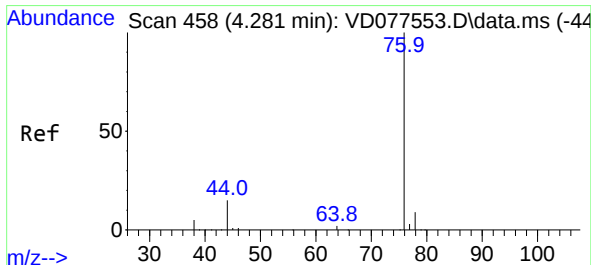
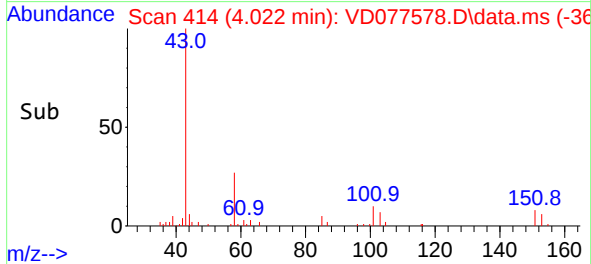
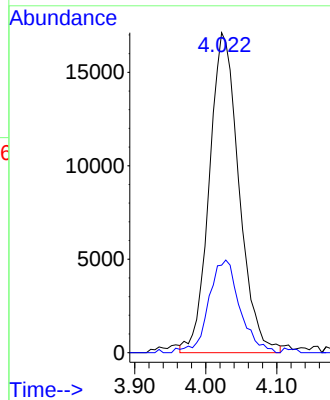
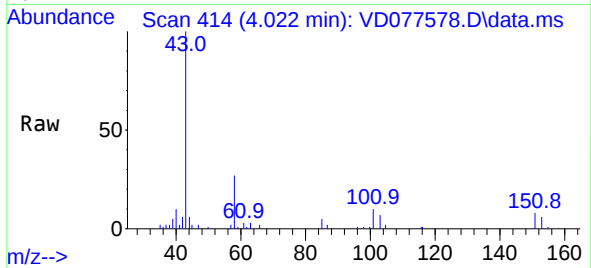
ClientSampleId :

Tgt Ion: 43 Resp: 49698

Ion Ratio Lower Upper

43 100

58 29.4 0.0 64.0



#14

Carbon disulfide

Concen: 16.539 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD077578.D

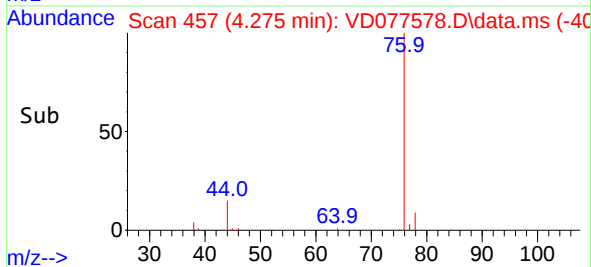
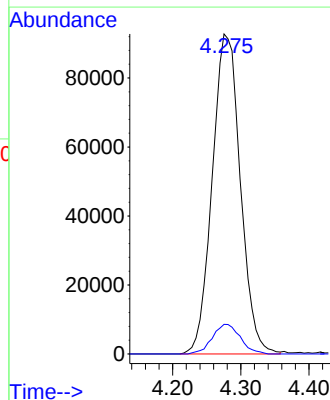
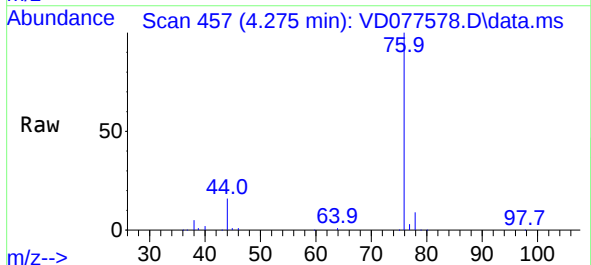
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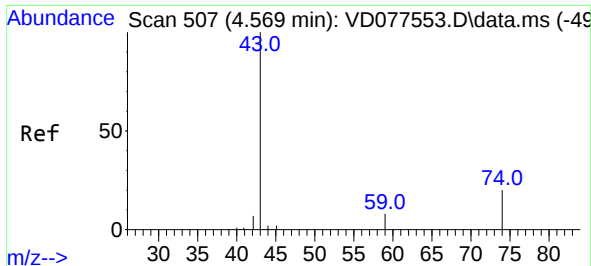
Tgt Ion: 76 Resp: 266141

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3

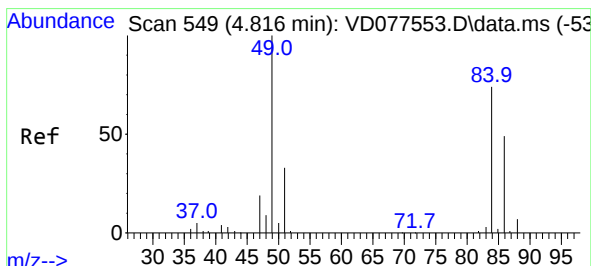
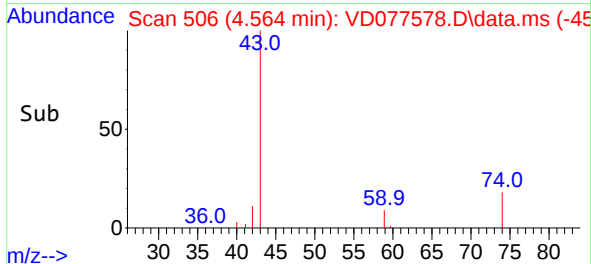
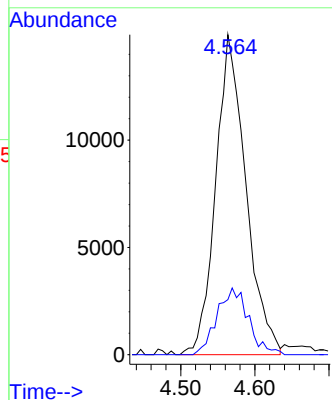
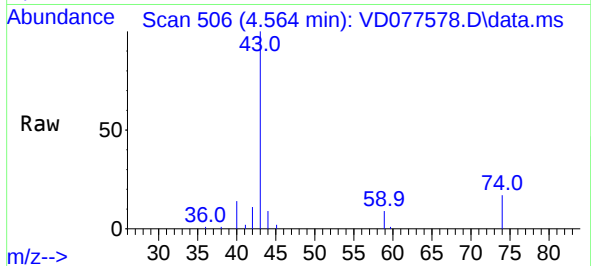




#15
Methyl Acetate
Concen: 17.614 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

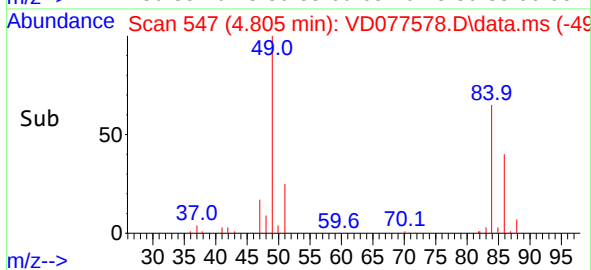
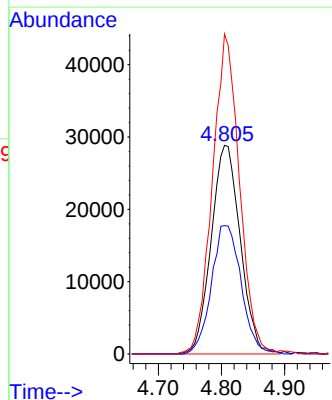
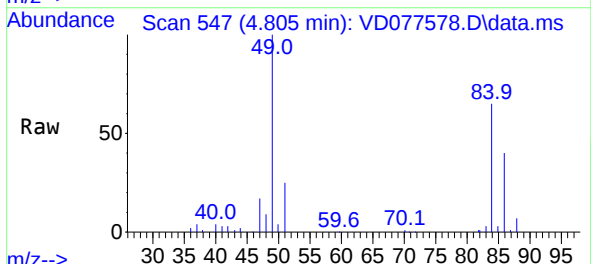
Instrument :
MSVOA_D
ClientSampleId :

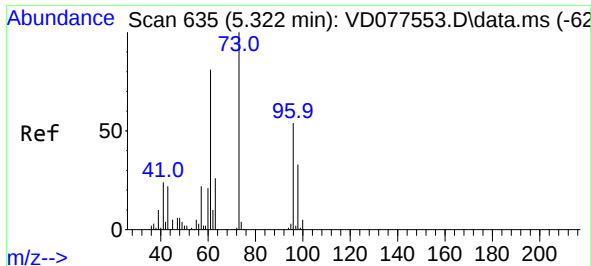
Tgt Ion: 43 Resp: 42159
Ion Ratio Lower Upper
43 100
74 12.4 16.6 24.8#



#16
Methylene chloride
Concen: 17.390 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 84 Resp: 92271
Ion Ratio Lower Upper
84 100
86 61.5 46.5 86.5
49 153.4 98.3 182.7





#17

trans-1,2-Dichloroethene

Concen: 17.856 ug/L

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

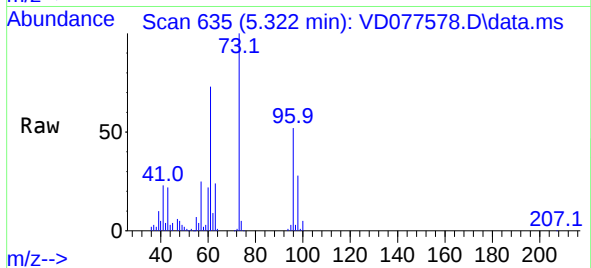
Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :



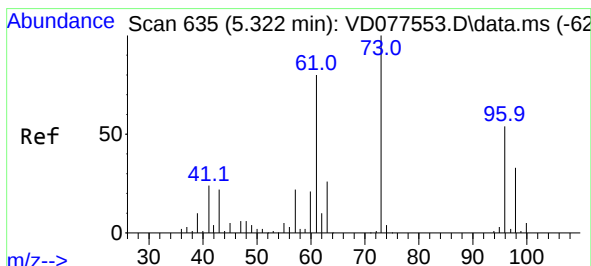
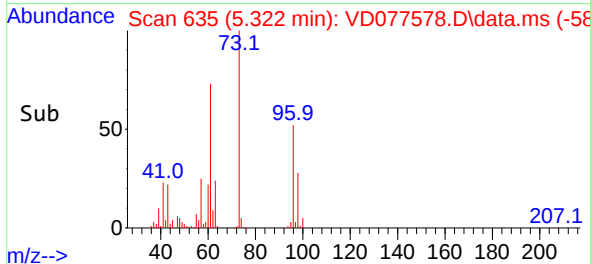
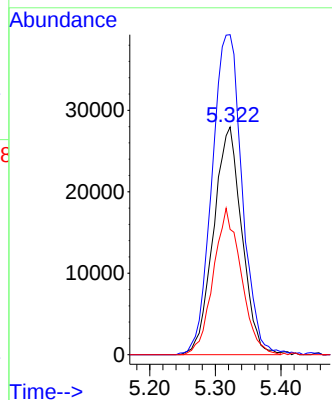
Tgt Ion: 96 Resp: 83941

Ion Ratio Lower Upper

96 100

61 140.5 104.0 193.2

98 55.0 43.1 80.1



#18

Methyl tert-butyl Ether

Concen: 18.306 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

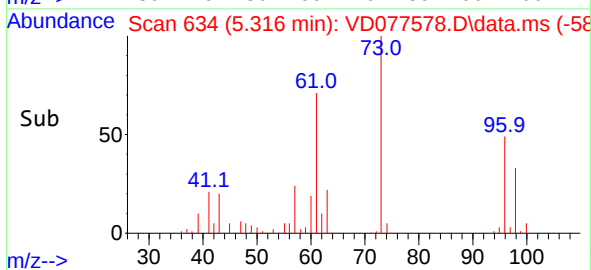
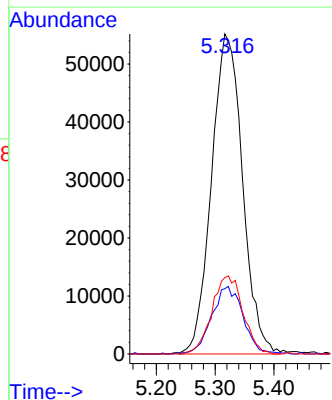
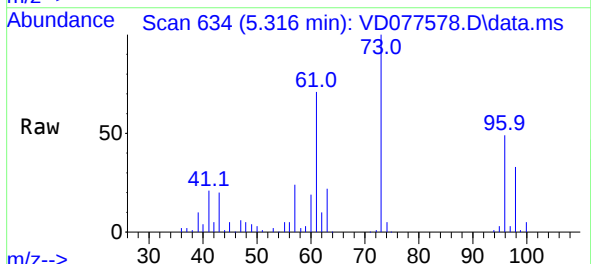
Tgt Ion: 73 Resp: 201978

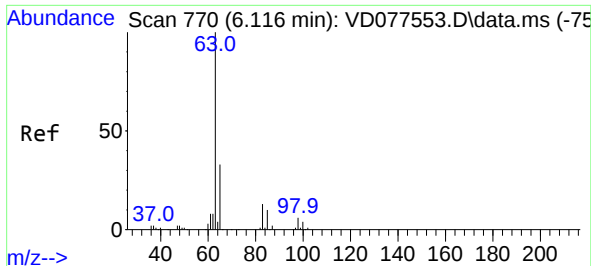
Ion Ratio Lower Upper

73 100

43 21.4 16.4 24.6

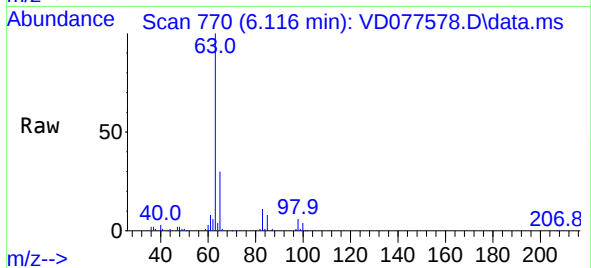
57 24.3 19.3 28.9



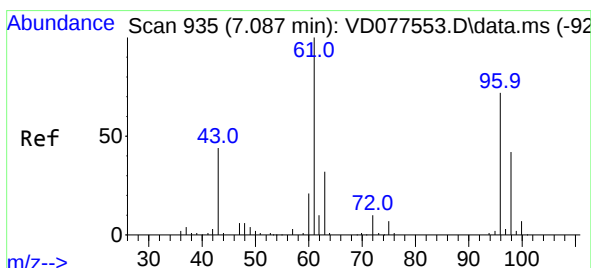
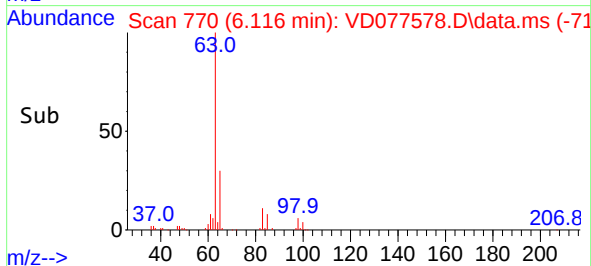
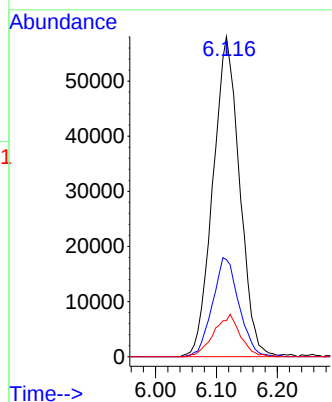


#19
1,1-Dichloroethane
Concen: 18.725 ug/L
RT: 6.116 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

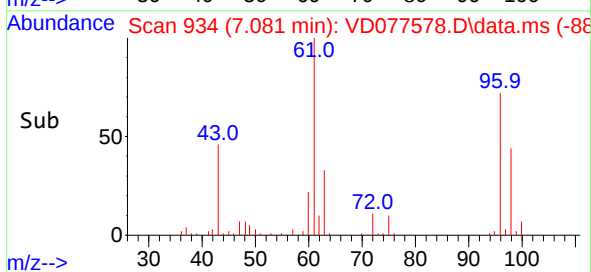
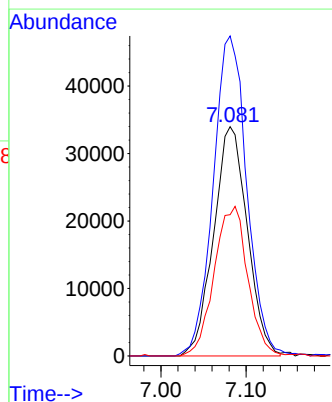
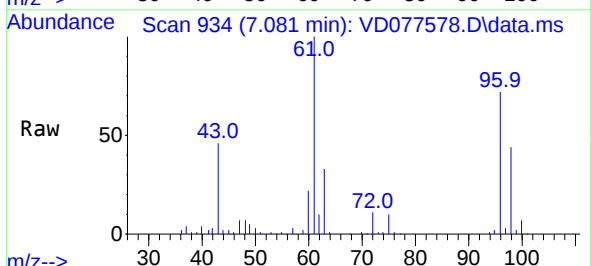


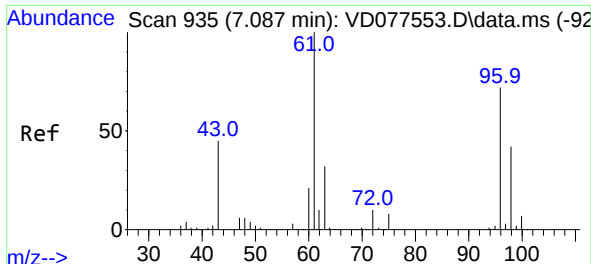
Tgt Ion: 63 Resp: 176619
Ion Ratio Lower Upper
63 100
65 30.3 22.6 42.0
83 11.3 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 18.291 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 96 Resp: 93419
Ion Ratio Lower Upper
96 100
61 139.5 95.0 176.4
98 61.6 43.1 80.1

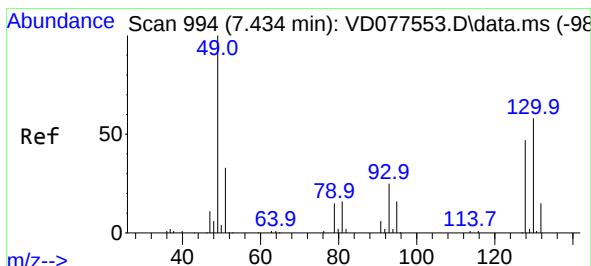
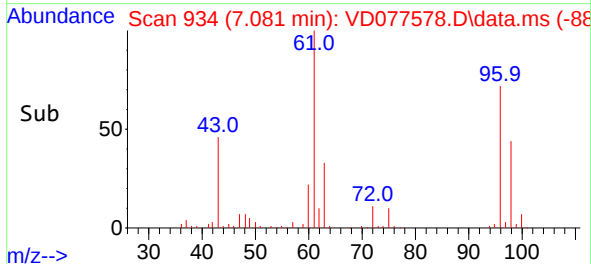
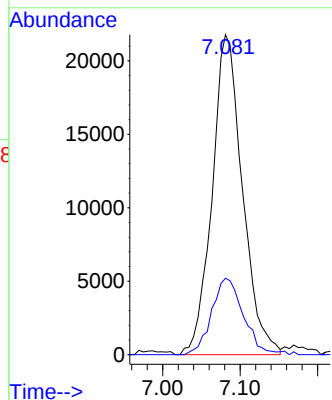
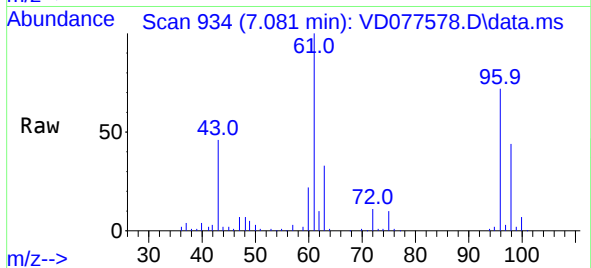




#22
2-Butanone
Concen: 33.852 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

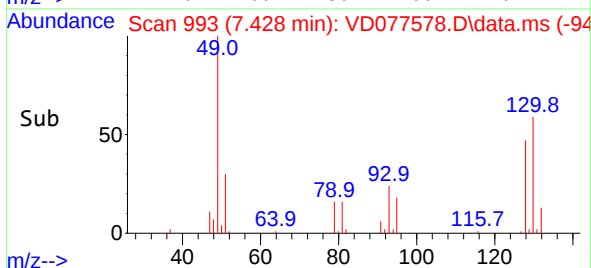
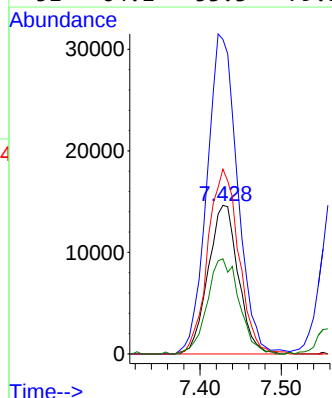
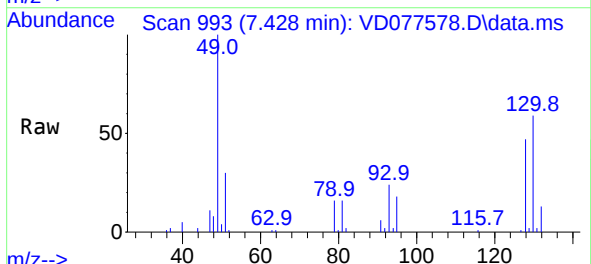
Instrument :
MSVOA_D
ClientSampleId :

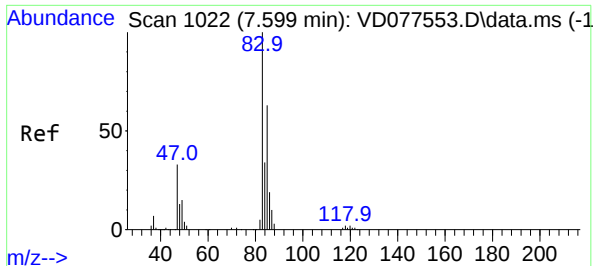
Tgt Ion: 43 Resp: 59260
Ion Ratio Lower Upper
43 100
72 24.9 12.8 38.4



#23
Bromochloromethane
Concen: 18.374 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:128 Resp: 37707
Ion Ratio Lower Upper
128 100
49 211.7 146.7 272.5
130 124.3 83.2 154.6
51 64.1 53.3 79.9





#25

Chloroform

Concen: 19.553 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

Instrument :

MSVOA_D

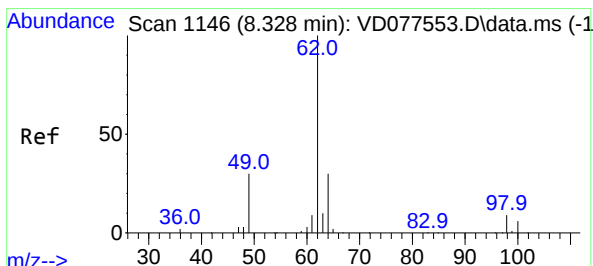
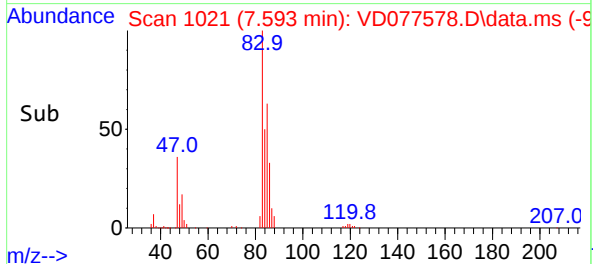
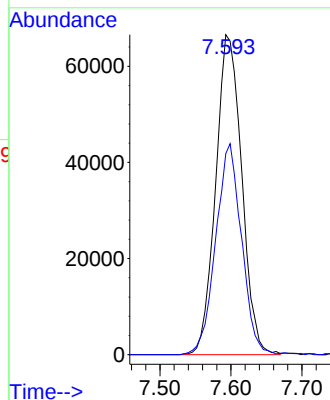
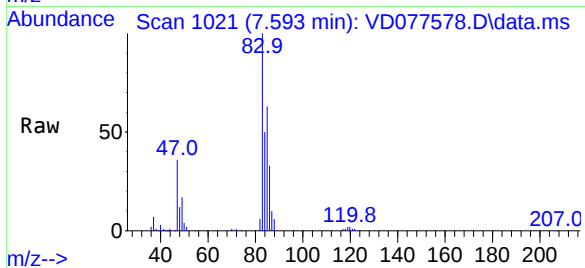
ClientSampleId :

Tgt Ion: 83 Resp: 169422

Ion Ratio Lower Upper

83 100

85 62.8 45.9 85.3



#27

1,2-Dichloroethane

Concen: 19.119 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077578.D

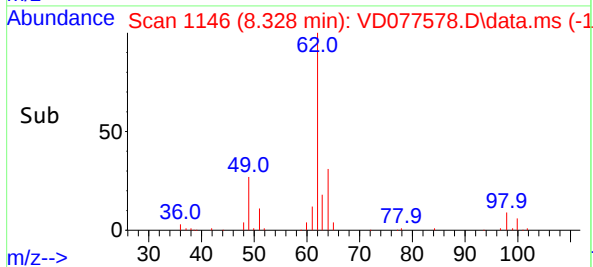
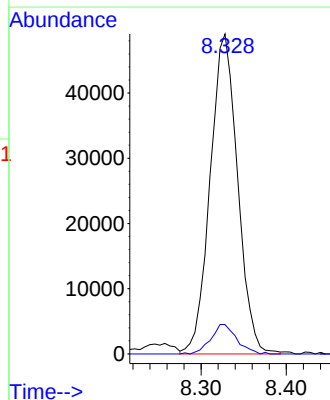
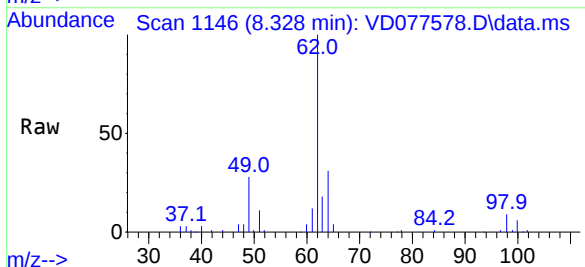
Acq: 15 Nov 2023 16:30

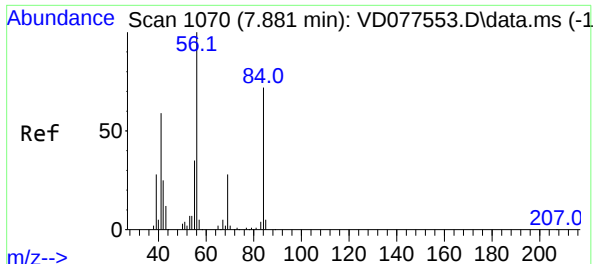
Tgt Ion: 62 Resp: 109816

Ion Ratio Lower Upper

62 100

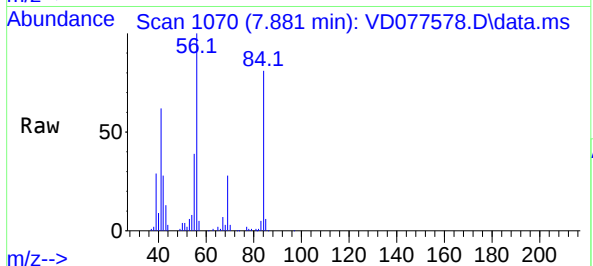
98 9.2 8.0 12.0



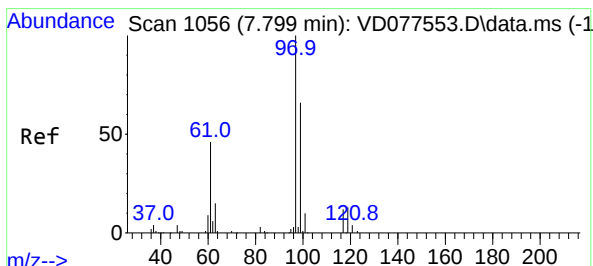
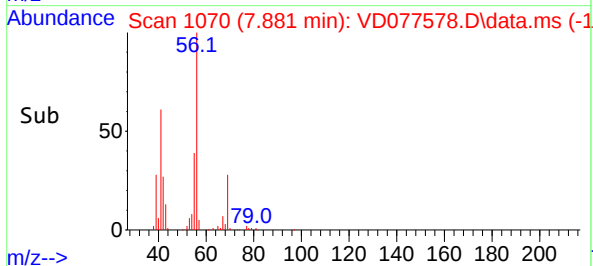
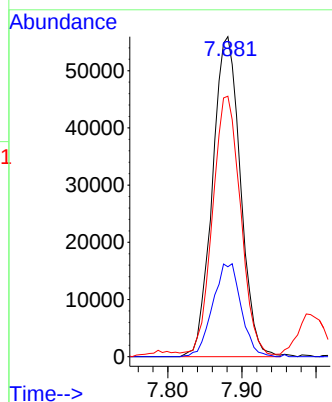


#29
Cyclohexane
Concen: 15.584 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

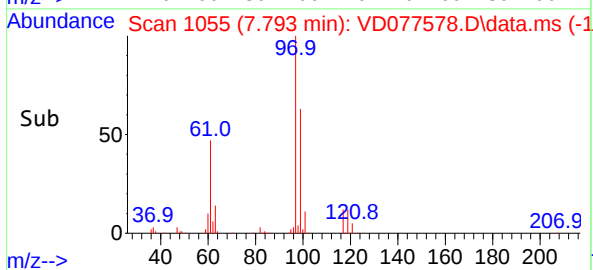
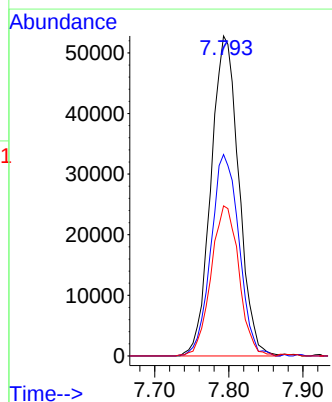
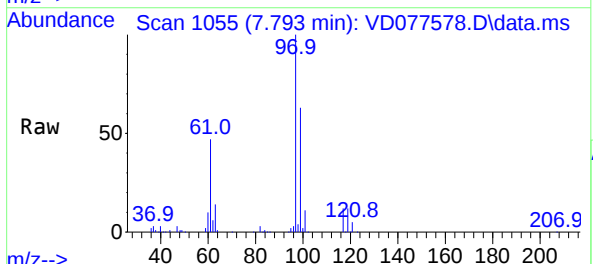


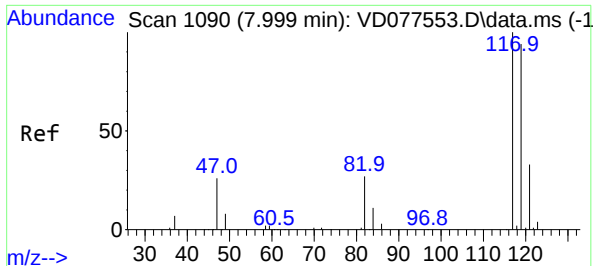
Tgt Ion: 56 Resp: 147033
Ion Ratio Lower Upper
56 100
69 29.5 22.6 33.8
84 81.5 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 18.081 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 97 Resp: 137543
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.2
61 47.0 38.1 57.1

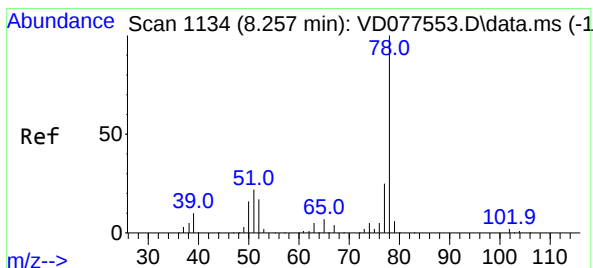
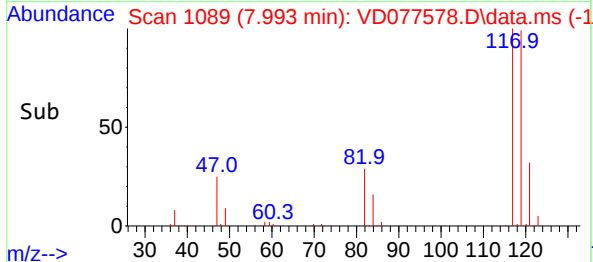
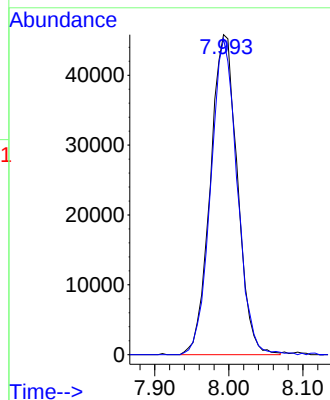
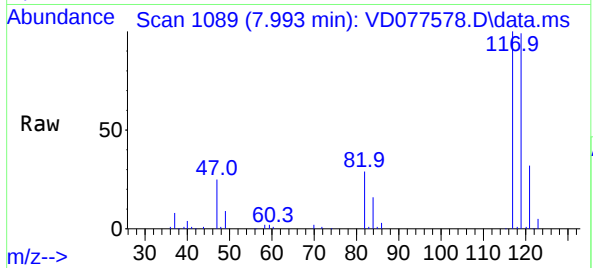




#31
Carbon tetrachloride
Concen: 17.757 ug/L
RT: 7.993 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

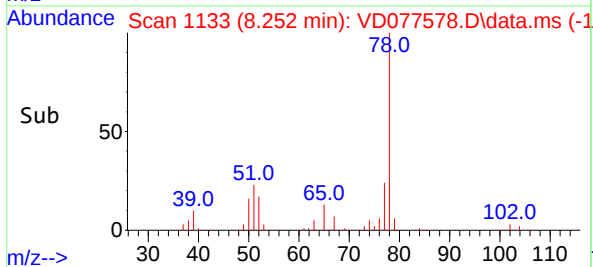
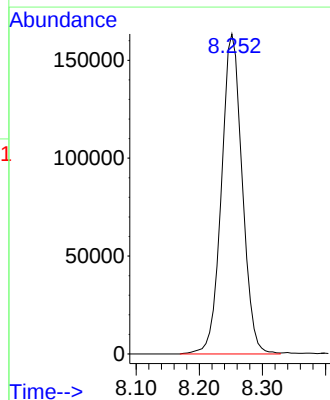
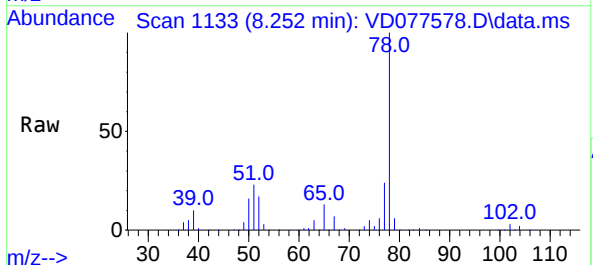
Instrument :
MSVOA_D
ClientSampleId :

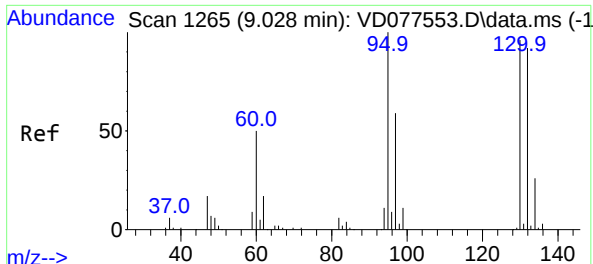
Tgt Ion:117 Resp: 116083
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0



#33
Benzene
Concen: 18.522 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

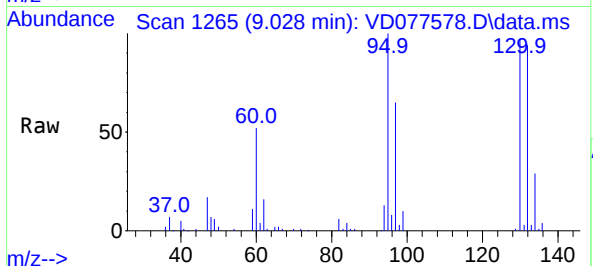
Tgt Ion: 78 Resp: 373232



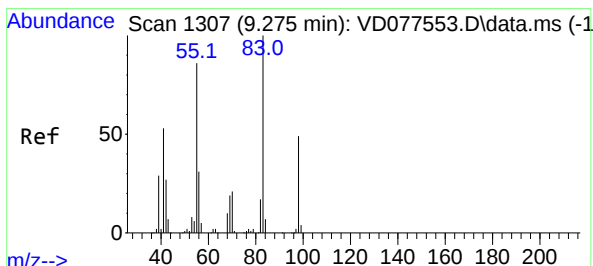
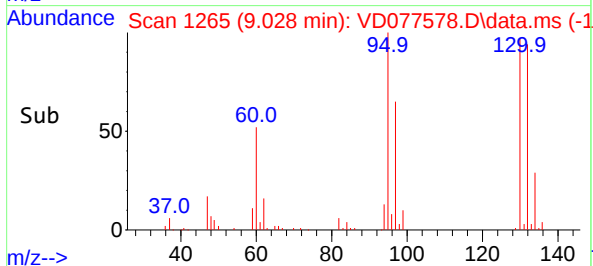
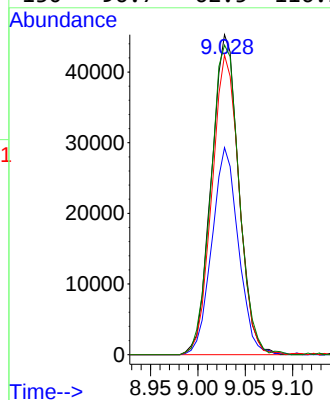


#34
Trichloroethene
Concen: 18.195 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

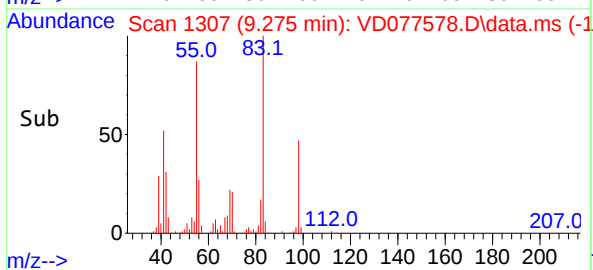
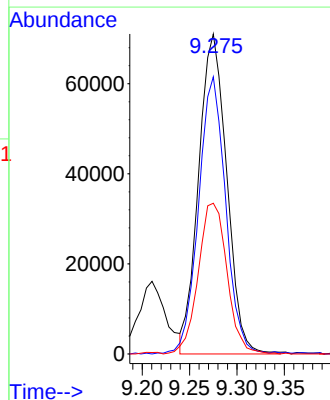
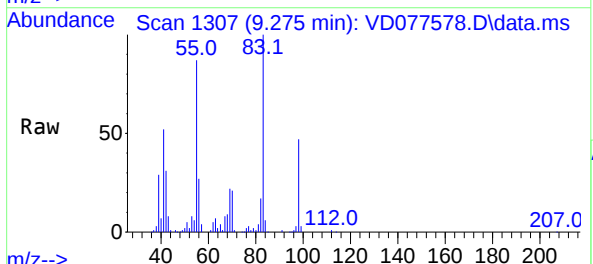


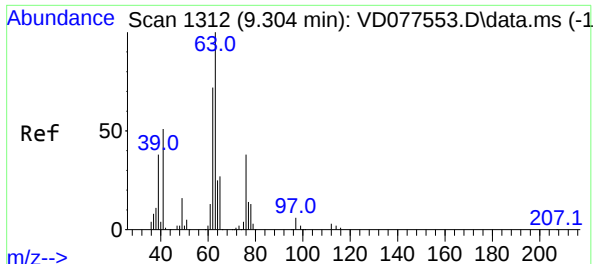
Tgt Ion: 95 Resp: 90849
Ion Ratio Lower Upper
95 100
97 64.7 42.4 78.6
132 93.6 59.4 110.2
130 96.7 62.5 116.1



#35
Methylcyclohexane
Concen: 16.263 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 83 Resp: 146533
Ion Ratio Lower Upper
83 100
55 83.4 66.5 99.7
98 48.3 37.4 56.2

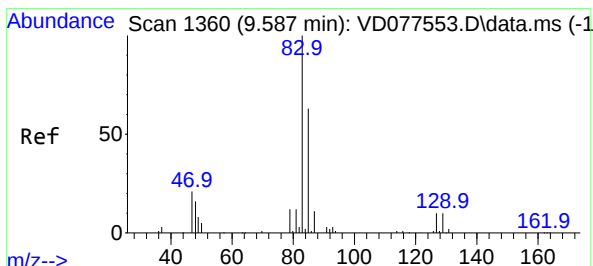
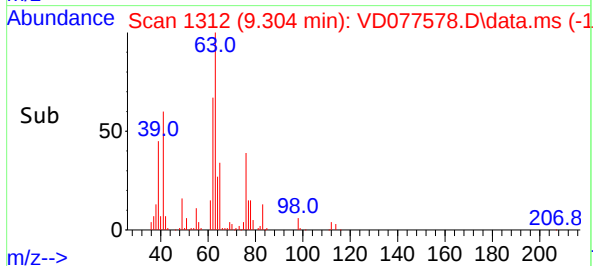
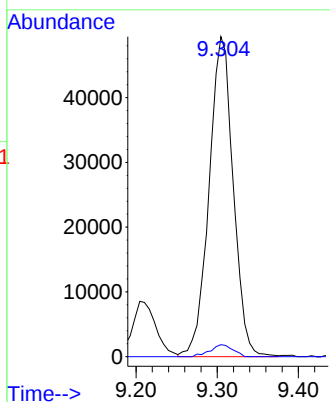
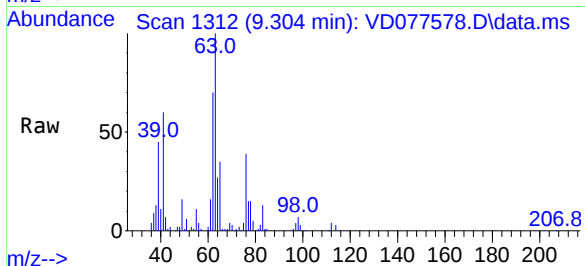




#37
1,2-Dichloropropane
Concen: 18.261 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

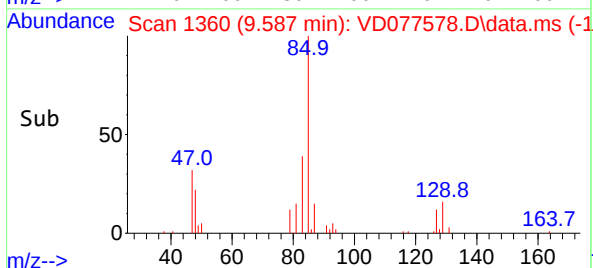
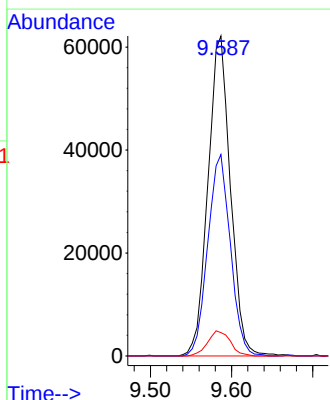
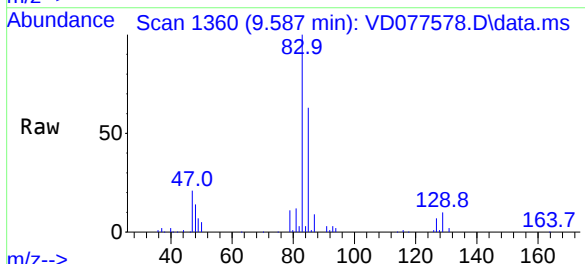
Instrument :
MSVOA_D
ClientSampleId :

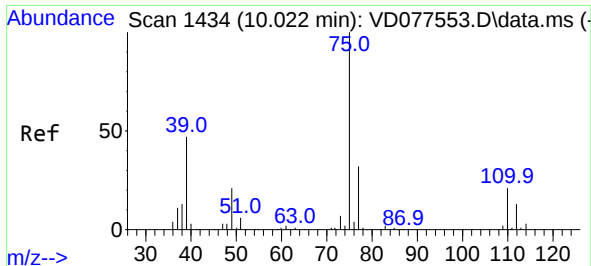
Tgt Ion: 63 Resp: 102296
Ion Ratio Lower Upper
63 100
112 3.5 3.2 4.8



#38
Bromodichloromethane
Concen: 18.573 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 83 Resp: 119344
Ion Ratio Lower Upper
83 100
85 63.0 42.4 78.8
127 7.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 18.410 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

Instrument :

MSVOA_D

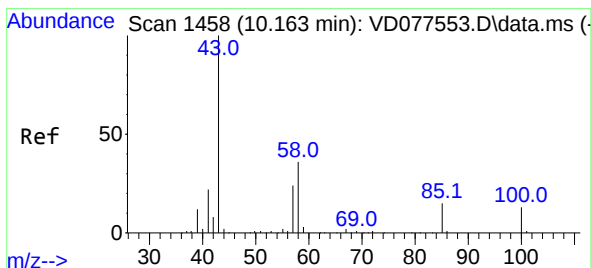
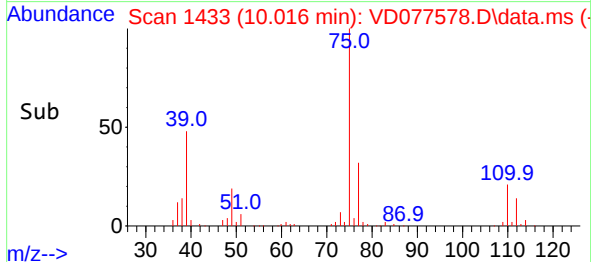
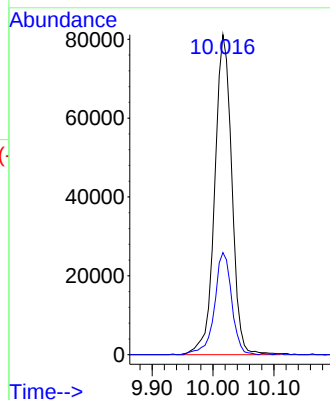
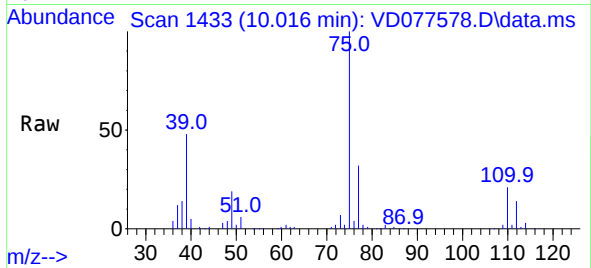
ClientSampleId :

Tgt Ion: 75 Resp: 158479

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 36.208 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

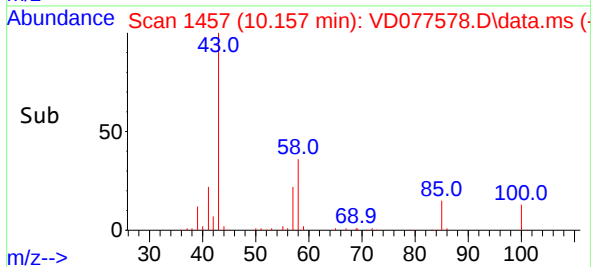
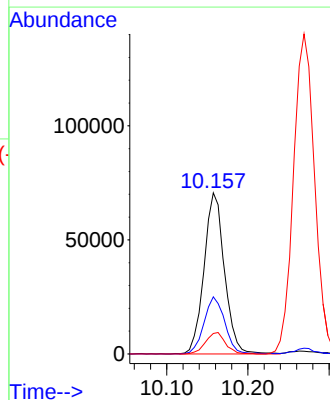
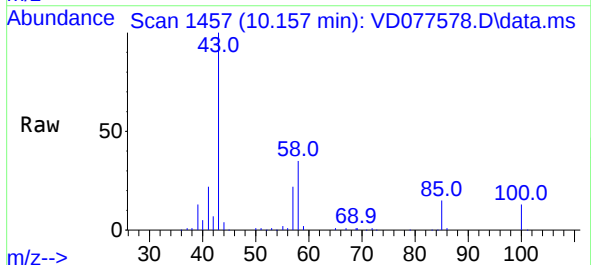
Tgt Ion: 43 Resp: 123603

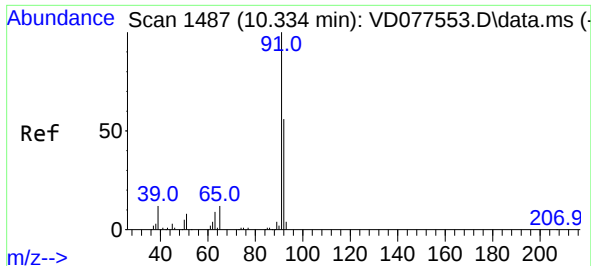
Ion Ratio Lower Upper

43 100

58 35.8 29.8 44.8

100 12.9 9.5 14.3

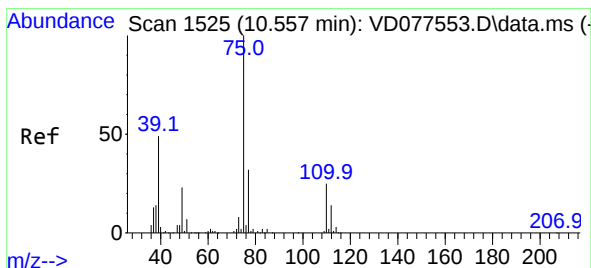
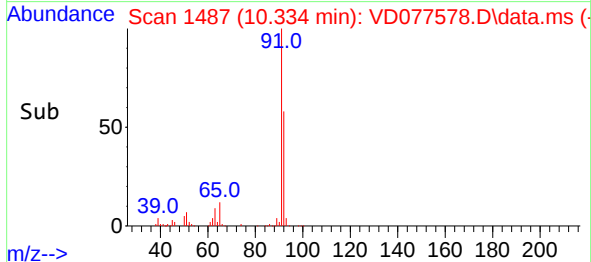
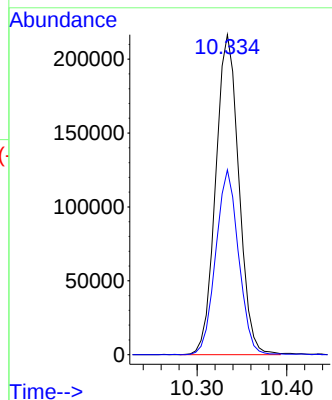
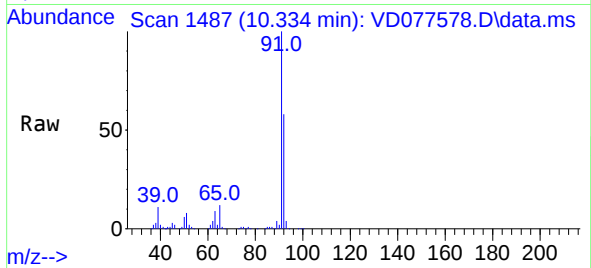




#42
Toluene
Concen: 18.352 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

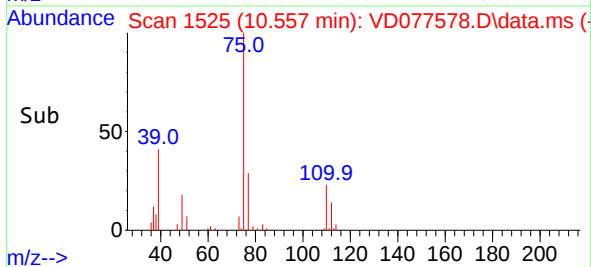
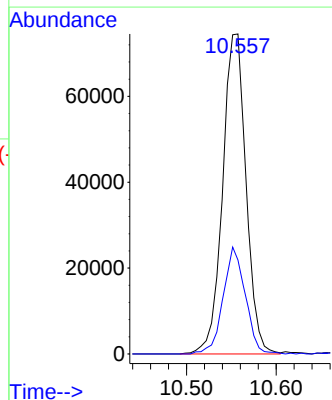
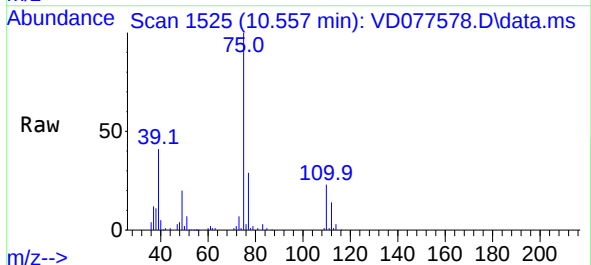
Instrument :
MSVOA_D
ClientSampleId :

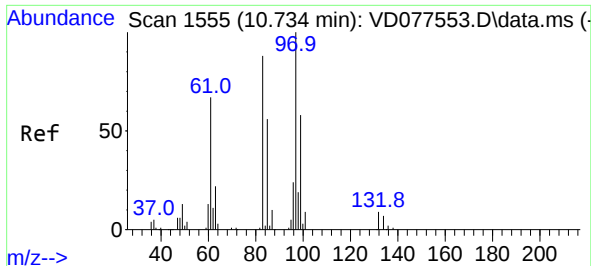
Tgt Ion: 91 Resp: 388263
Ion Ratio Lower Upper
91 100
92 57.8 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 19.007 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 75 Resp: 135192
Ion Ratio Lower Upper
75 100
77 29.4 22.3 41.5

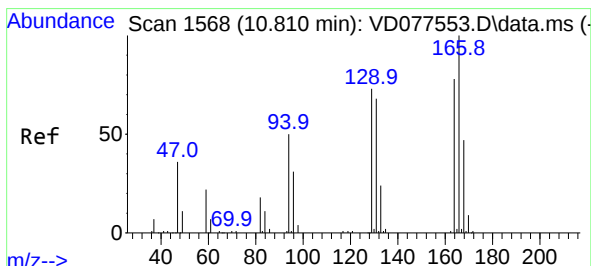
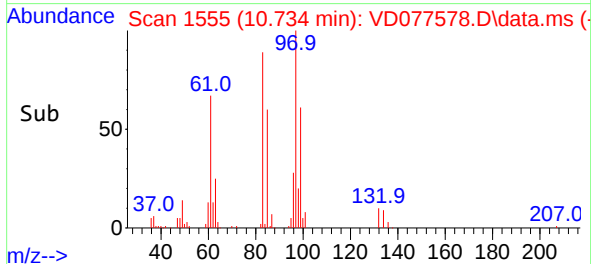
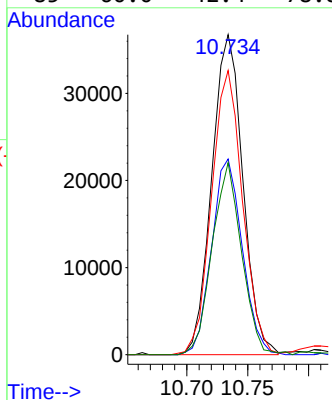
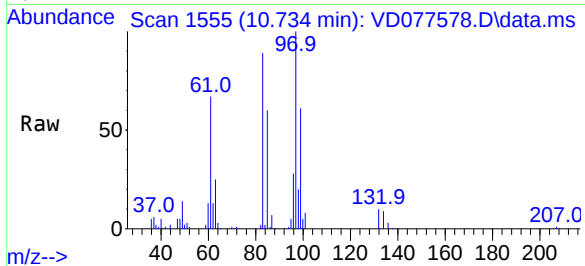




#45
1,1,2-Trichloroethane
Concen: 19.066 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

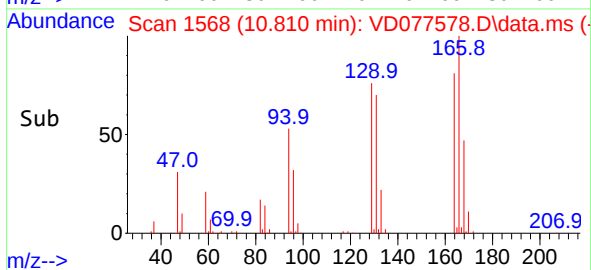
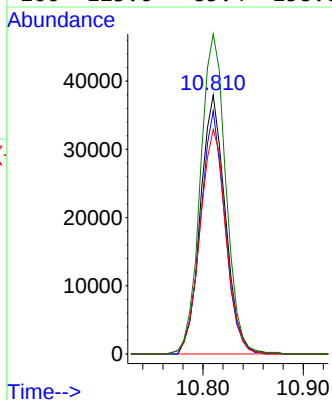
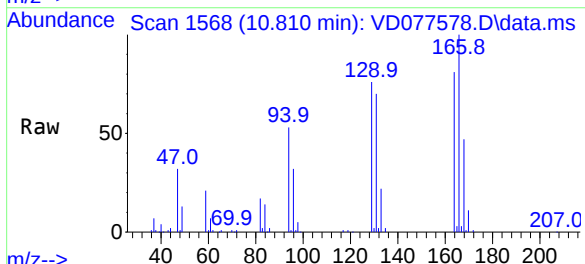
Instrument :
MSVOA_D
ClientSampleId :

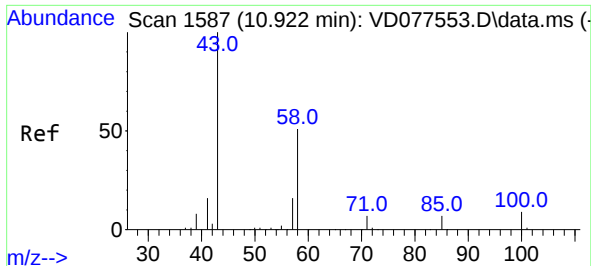
Tgt Ion:	97	Resp:	65287
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.5	80.7
83	88.8	63.1	117.3
85	60.0	42.4	78.8



#46
Tetrachloroethene
Concen: 17.826 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

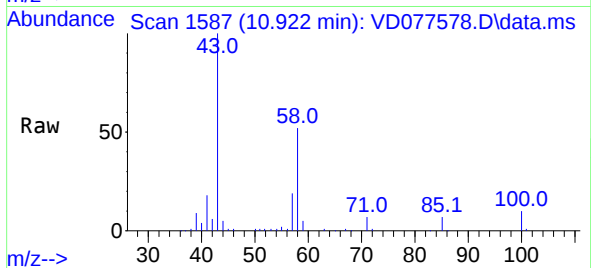
Tgt Ion:	164	Resp:	65492
Ion	Ratio	Lower	Upper
164	100		
129	93.8	60.6	112.6
131	86.7	61.6	114.4
166	123.6	85.4	158.6



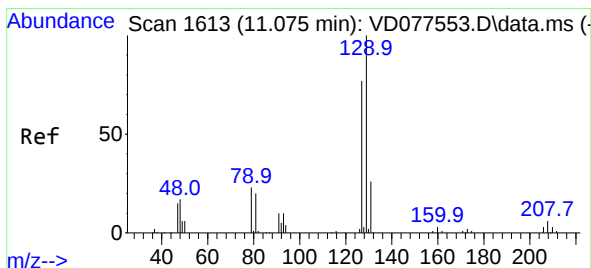
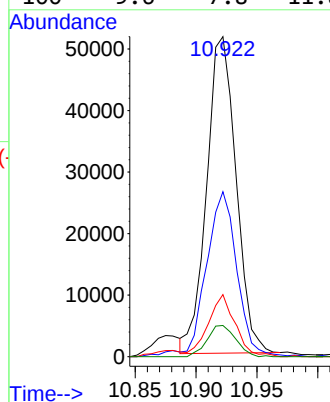
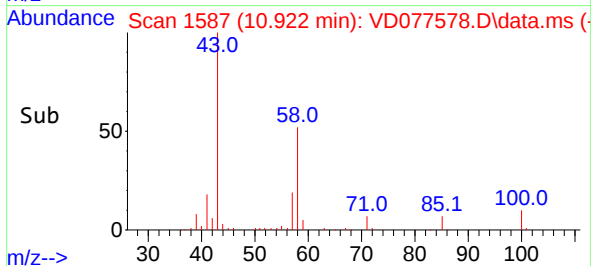


#48
2-Hexanone
Concen: 31.893 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

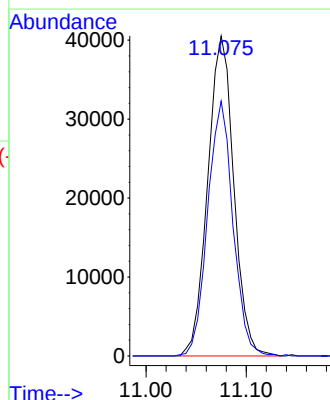
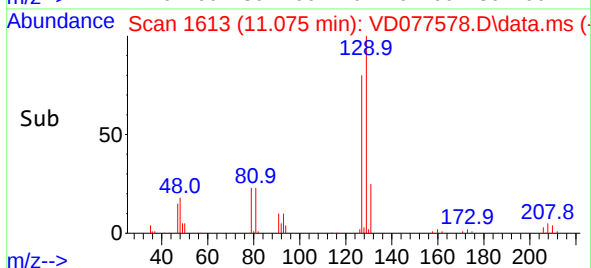
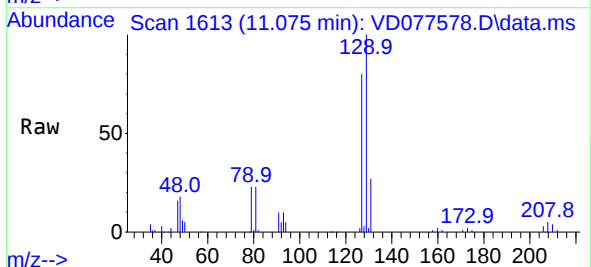


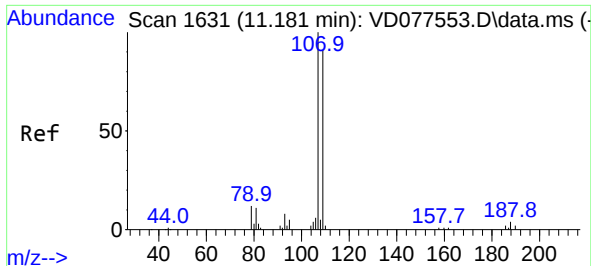
Tgt Ion: 43 Resp: 86299
Ion Ratio Lower Upper
43 100
58 52.6 40.8 61.2
57 18.0 13.7 20.5
100 9.6 7.8 11.8



#49
Dibromochloromethane
Concen: 18.816 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

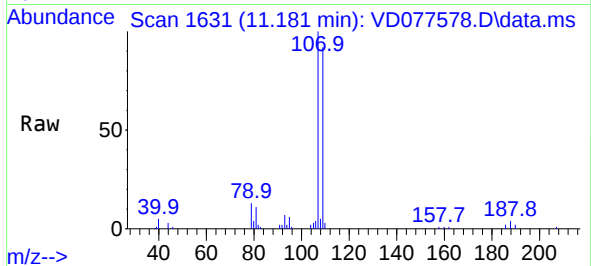
Tgt Ion: 129 Resp: 73186
Ion Ratio Lower Upper
129 100
127 79.6 54.9 102.1



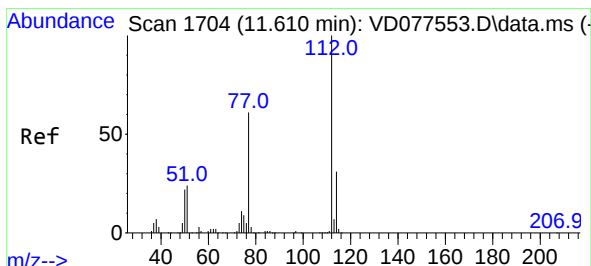
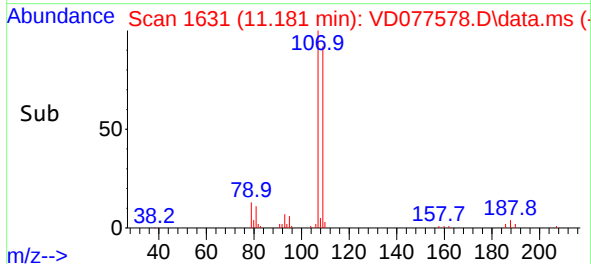
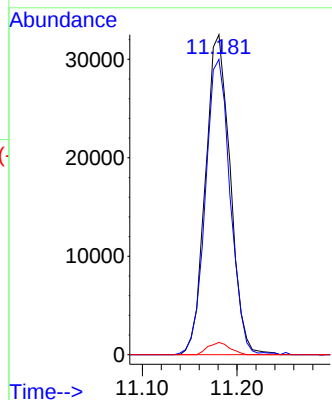


#50
1,2-Dibromoethane
Concen: 18.103 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

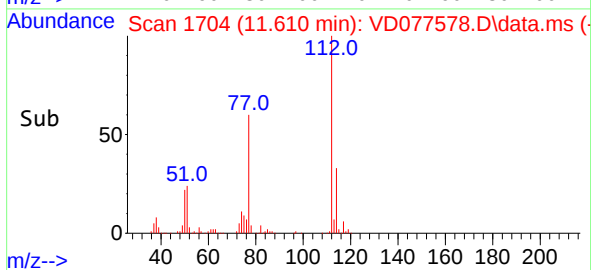
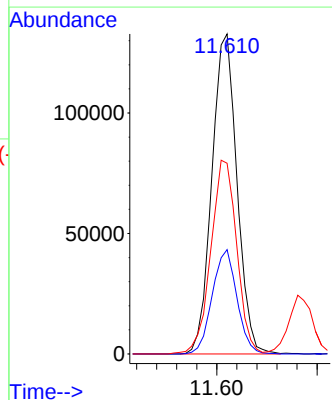
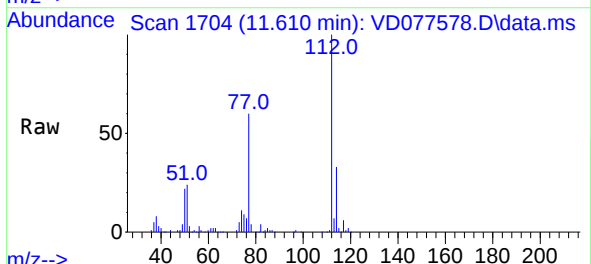


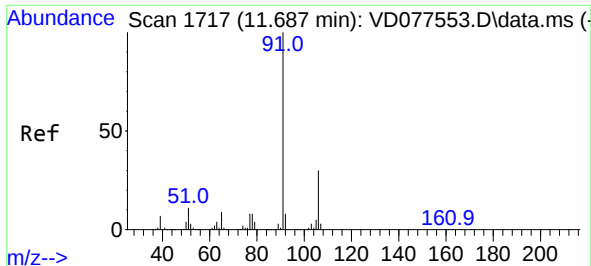
Tgt Ion:107 Resp: 59278
Ion Ratio Lower Upper
107 100
109 92.3 64.8 120.3
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 18.617 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:112 Resp: 230745
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 59.6 49.6 74.4

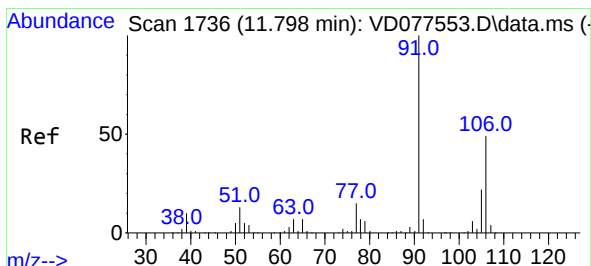
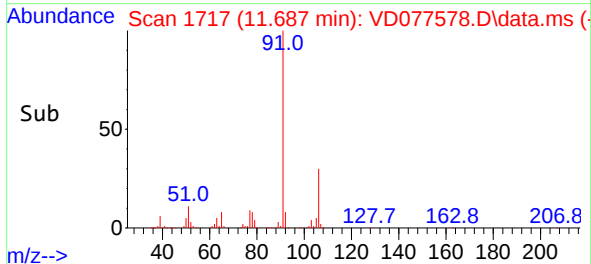
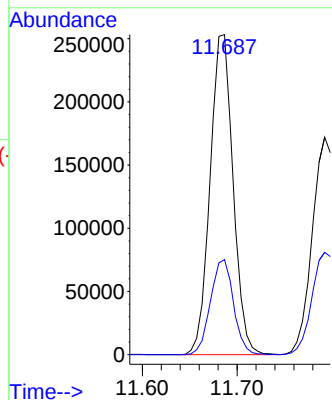
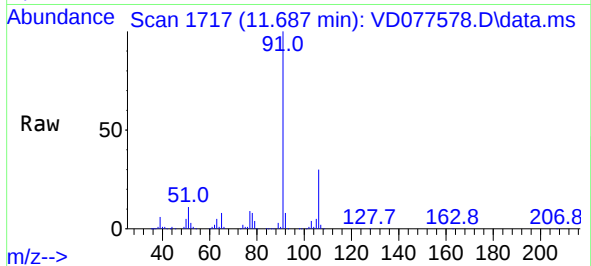




#52
Ethylbenzene
Concen: 18.339 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

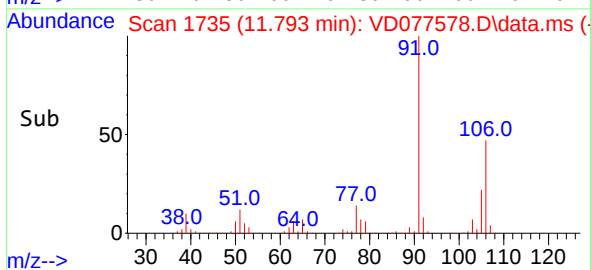
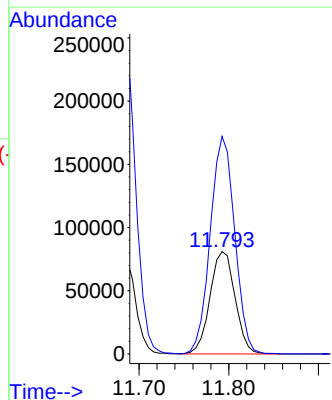
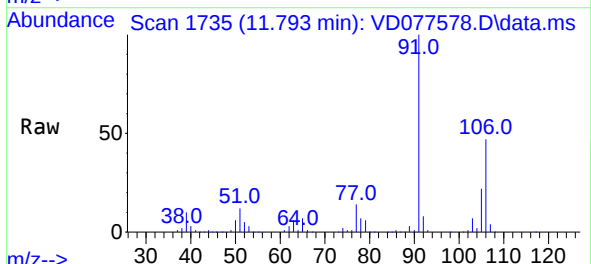
Instrument :
MSVOA_D
ClientSampleId :

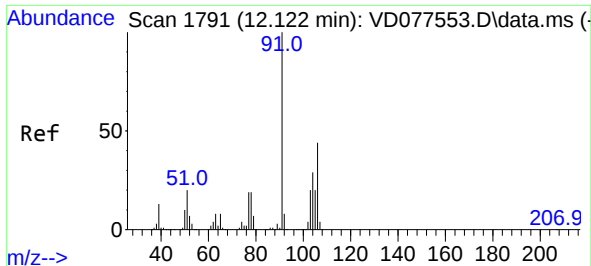
Tgt Ion: 91 Resp: 426904
Ion Ratio Lower Upper
91 100
106 29.7 22.0 40.8



#53
m,p-Xylene
Concen: 18.553 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:106 Resp: 157158
Ion Ratio Lower Upper
106 100
91 212.5 146.7 272.4

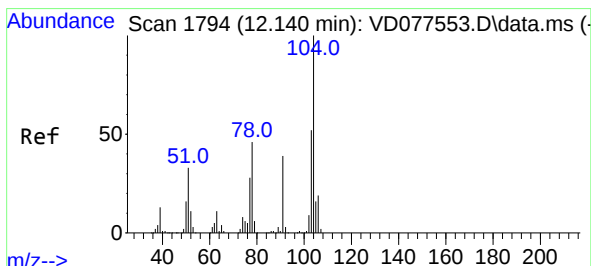
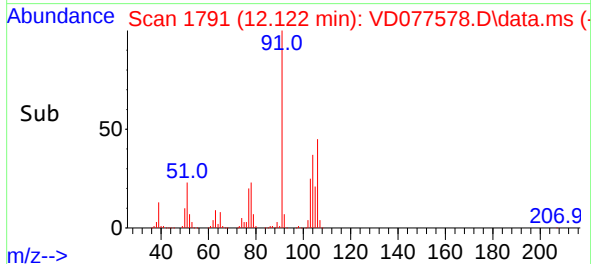
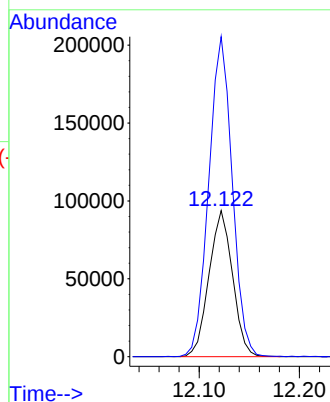
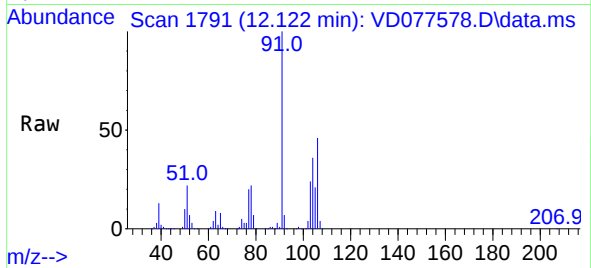




#54
o-Xylene
Concen: 18.881 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

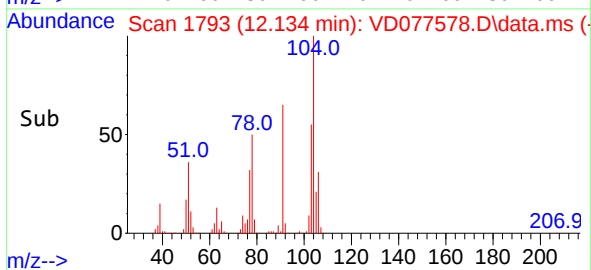
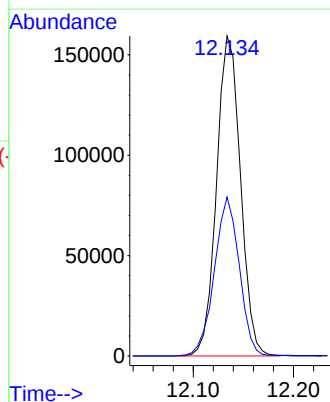
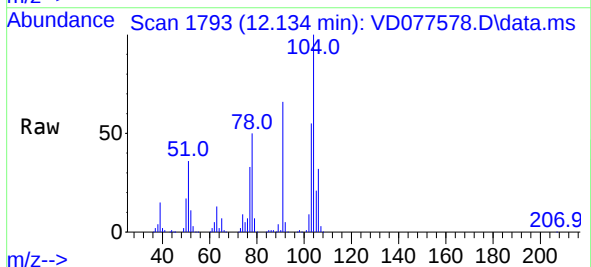
Instrument :
MSVOA_D
ClientSampleId :

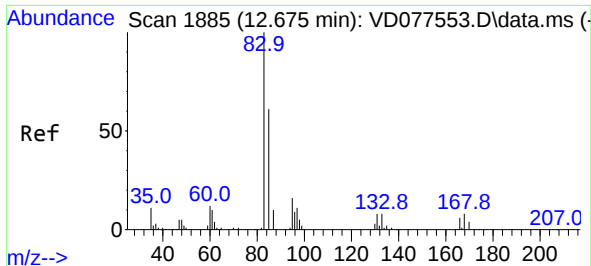
Tgt Ion:106 Resp: 153182
Ion Ratio Lower Upper
106 100
91 219.2 158.5 294.4



#55
Styrene
Concen: 18.645 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:104 Resp: 264117
Ion Ratio Lower Upper
104 100
78 49.6 34.9 64.9

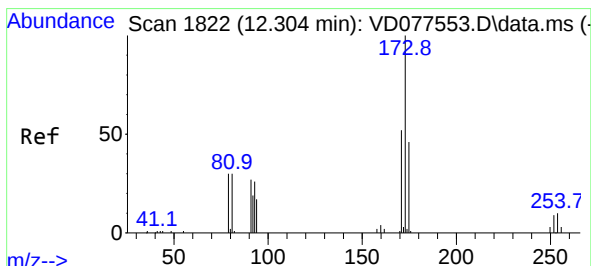
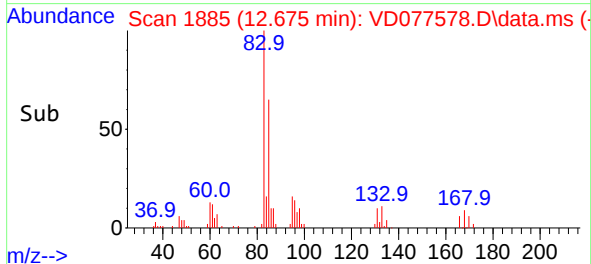
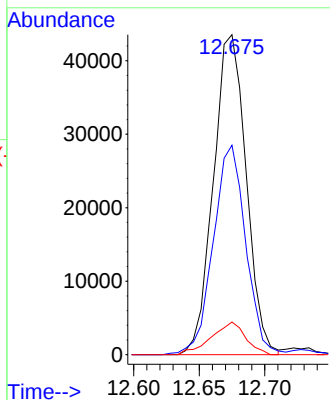
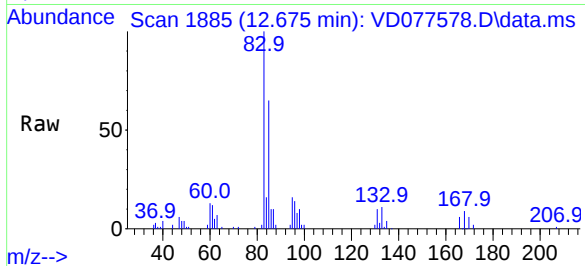




#57
1,1,2,2-Tetrachloroethane
Concen: 18.783 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

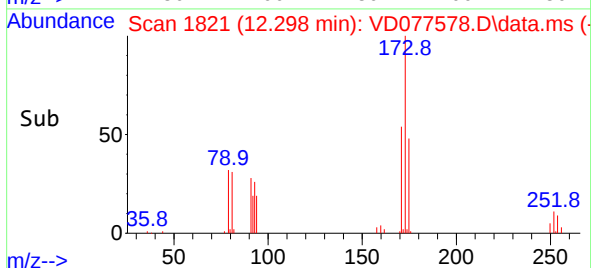
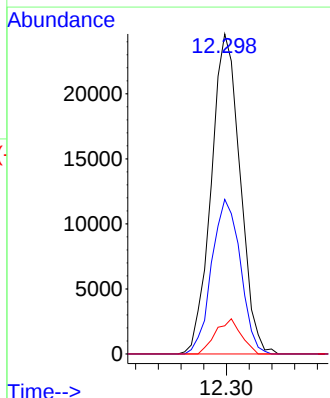
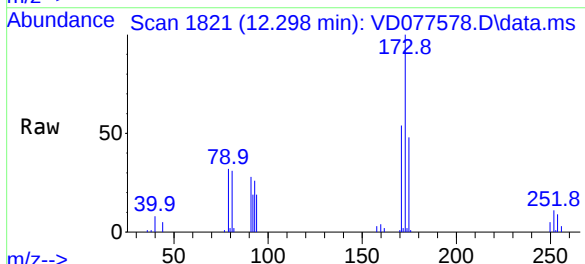
Instrument :
MSVOA_D
ClientSampleId :

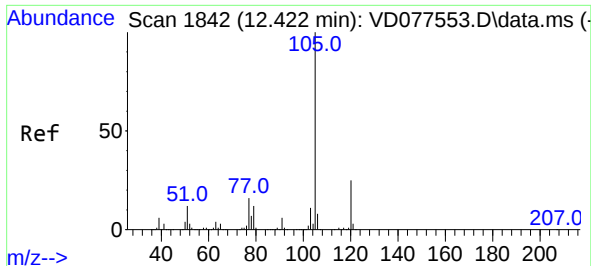
Tgt Ion:	83	Resp:	75769
Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.9	83.3
131	10.2	7.2	10.8



#59
Bromoform
Concen: 17.799 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

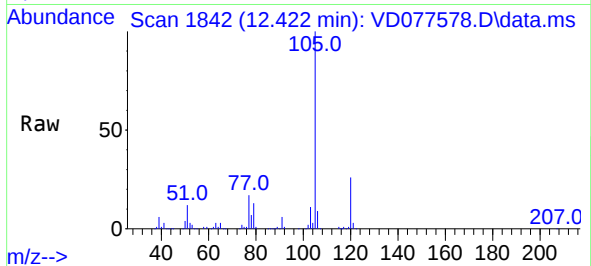
Tgt Ion:	173	Resp:	43419
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.2	57.2
254	9.7	7.1	10.7



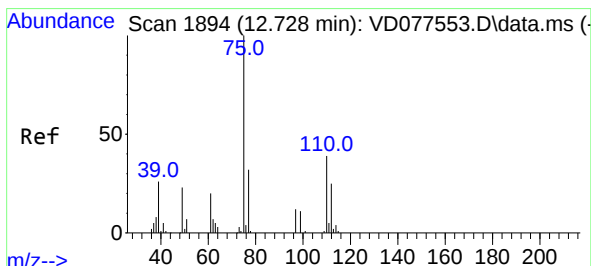
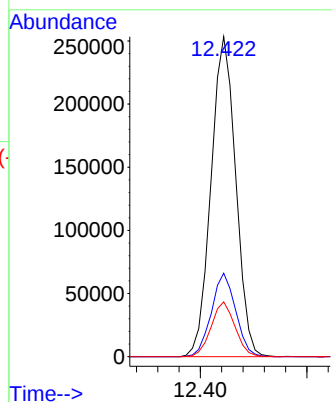


#60
Isopropylbenzene
Concen: 17.610 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

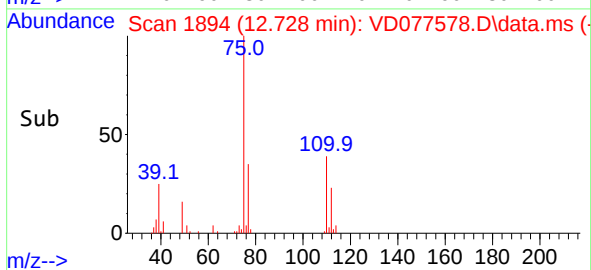
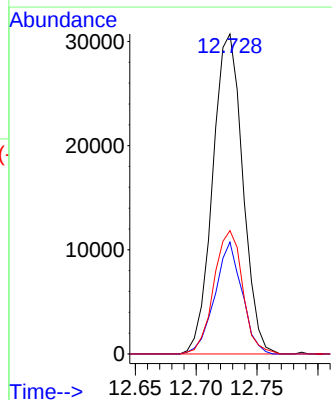
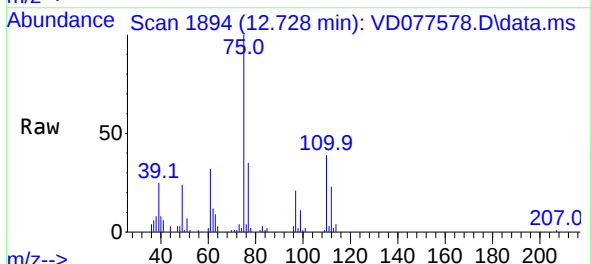


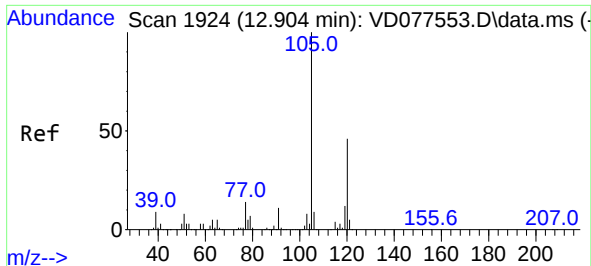
Tgt Ion:105 Resp: 407539
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.4
77 16.6 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 17.306 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 75 Resp: 52744
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
110 37.0 29.6 44.4

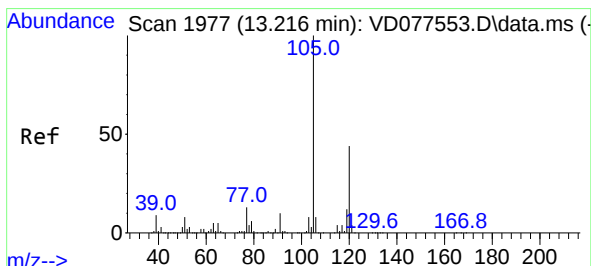
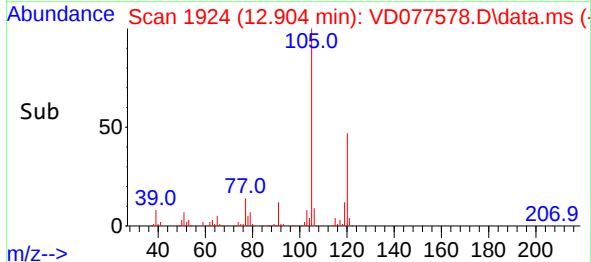
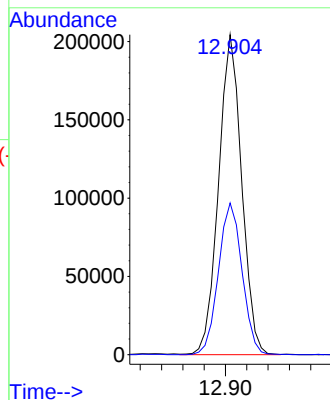
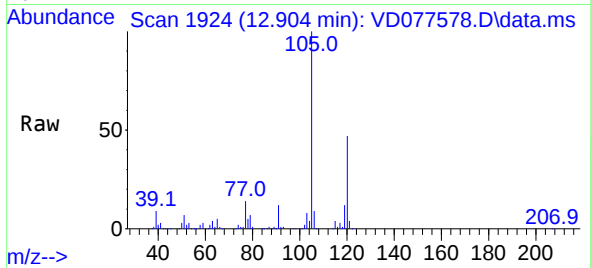




#62
1,3,5-Trimethylbenzene
Concen: 17.514 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

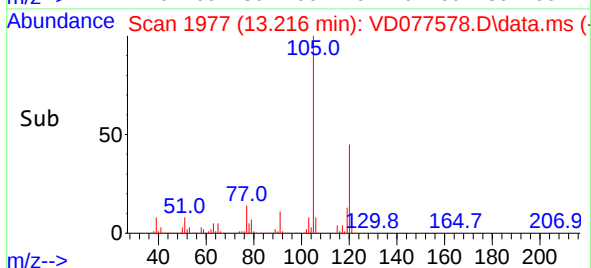
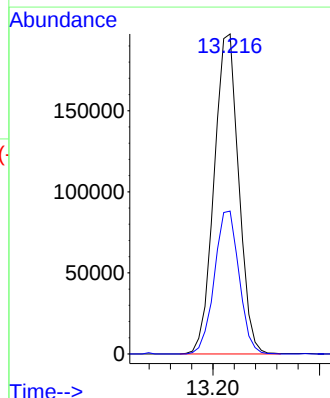
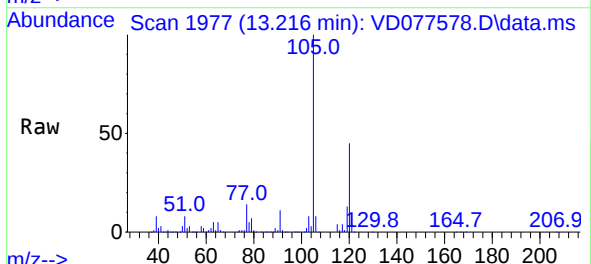
Instrument :
MSVOA_D
ClientSampleId :

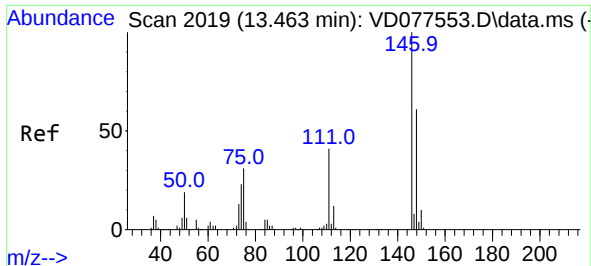
Tgt Ion:105 Resp: 307617
Ion Ratio Lower Upper
105 100
120 48.4 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 17.764 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

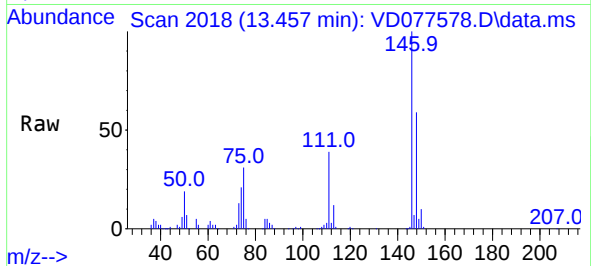
Tgt Ion:105 Resp: 316056
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4



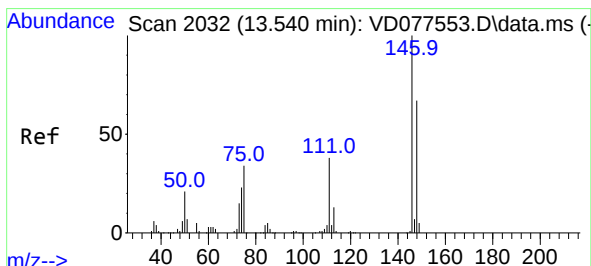
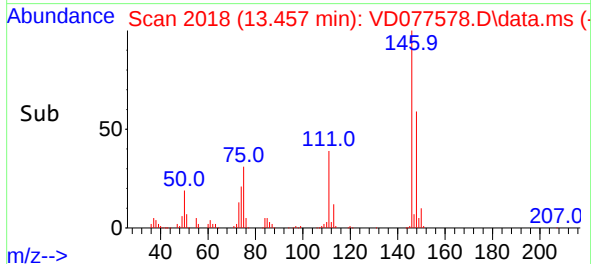
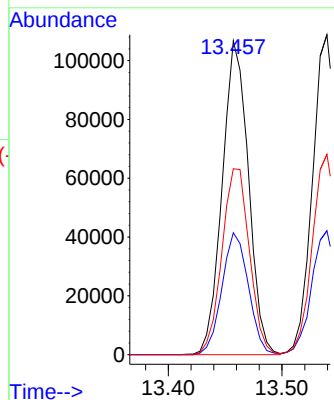


#64
1,3-Dichlorobenzene
Concen: 18.047 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

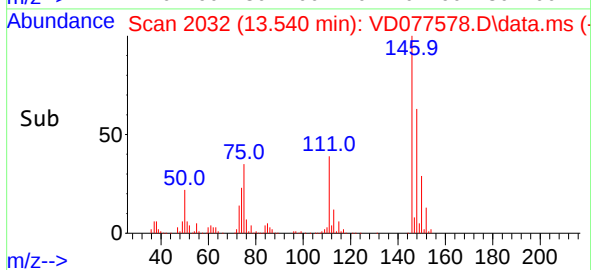
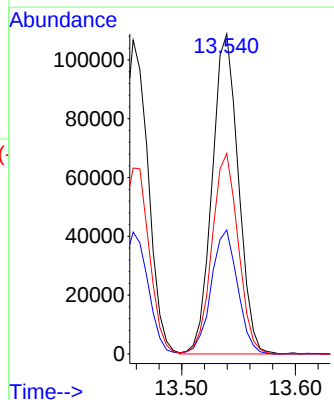
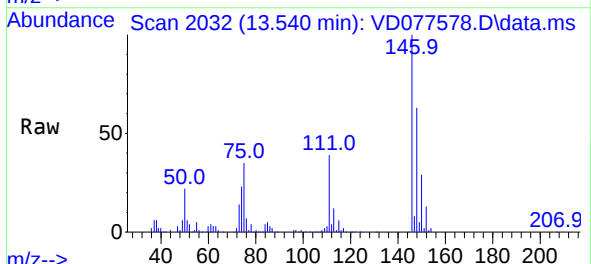


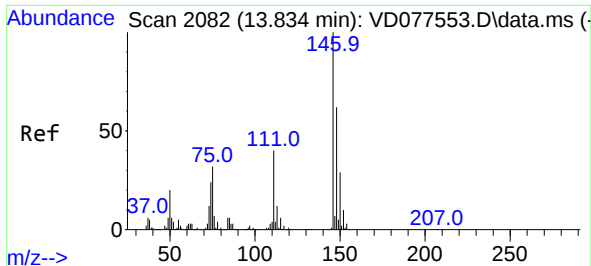
Tgt Ion:146 Resp: 171349
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.6
148 59.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 18.213 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:146 Resp: 174517
Ion Ratio Lower Upper
146 100
111 38.7 25.6 47.4
148 62.7 44.1 81.9

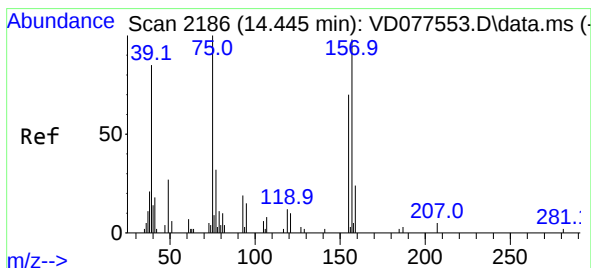
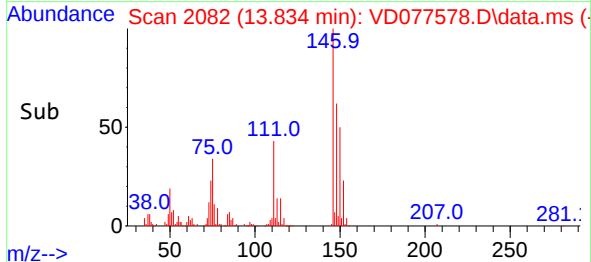
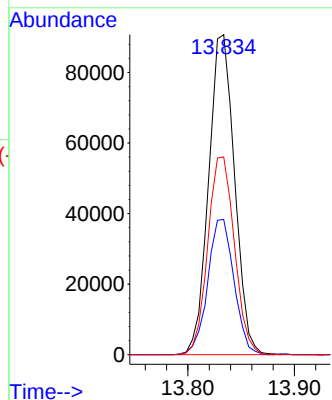
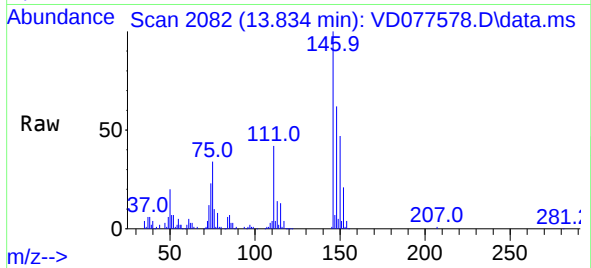




#67
1,2-Dichlorobenzene
Concen: 18.304 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

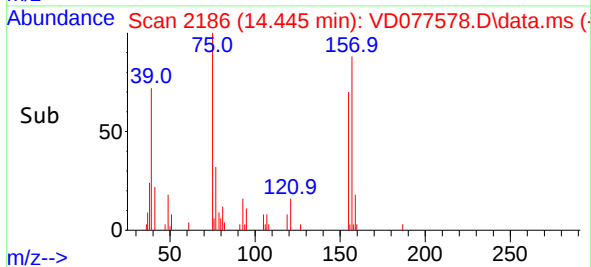
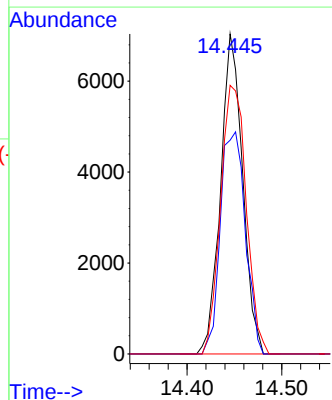
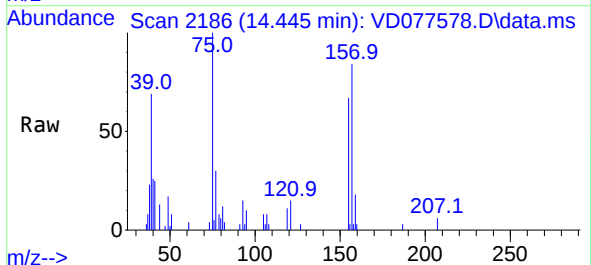
Instrument :
MSVOA_D
ClientSampleId :

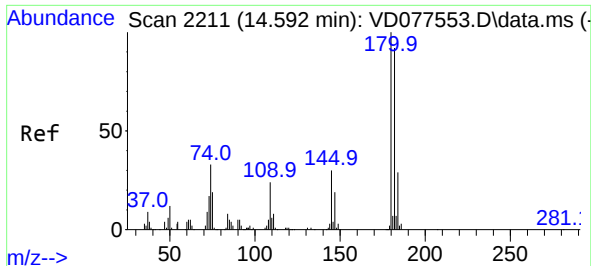
Tgt Ion:146 Resp: 153648
Ion Ratio Lower Upper
146 100
111 42.3 33.8 50.6
148 61.8 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 17.153 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion: 75 Resp: 11371
Ion Ratio Lower Upper
75 100
155 70.0 58.2 87.2
157 84.0 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 17.126 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

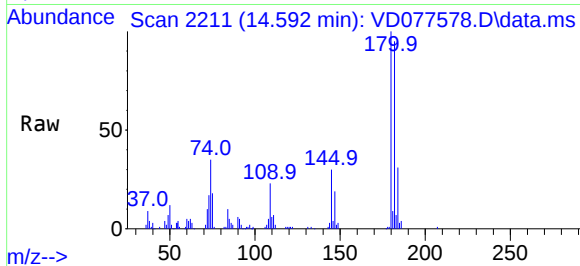
Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 110716

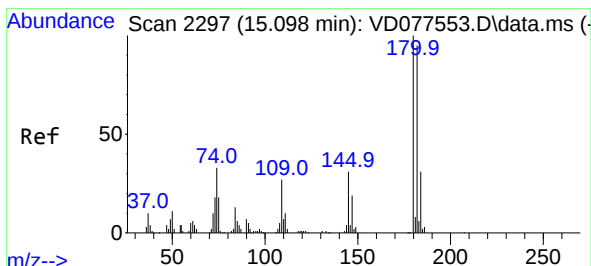
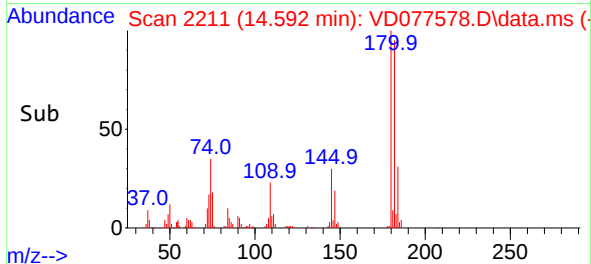
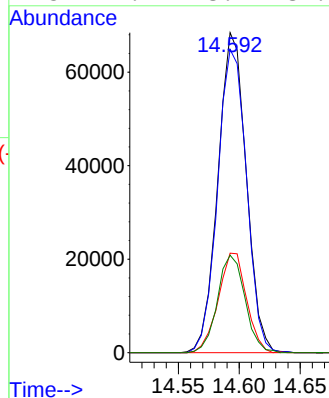
Ion Ratio Lower Upper

180 100

182 96.5 76.1 114.1

184 31.0 24.0 36.0

145 29.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 17.257 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077578.D

Acq: 15 Nov 2023 16:30

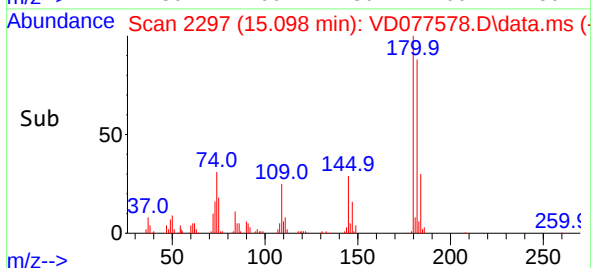
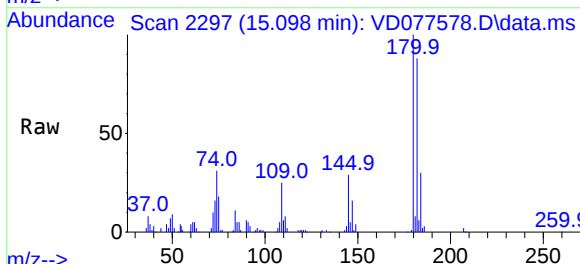
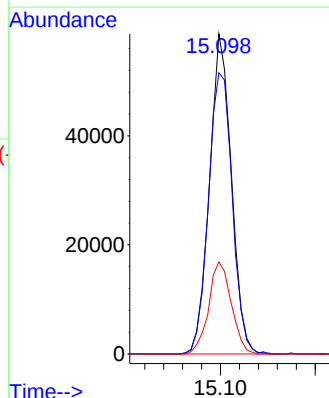
Tgt Ion:180 Resp: 94023

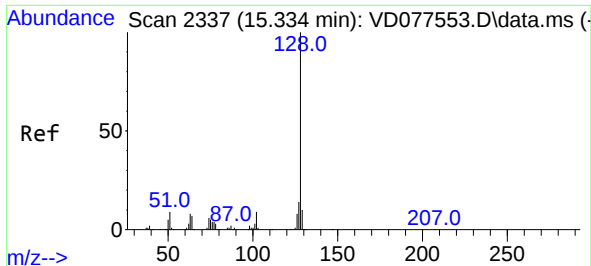
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

145 29.8 24.1 36.1

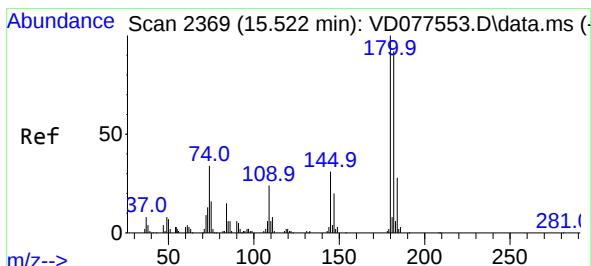
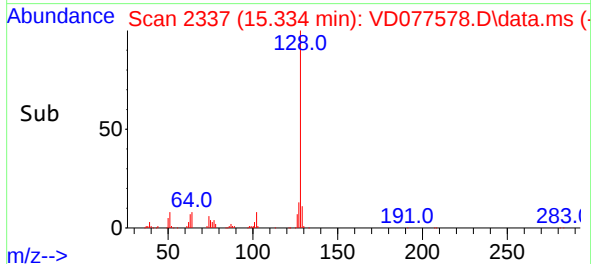
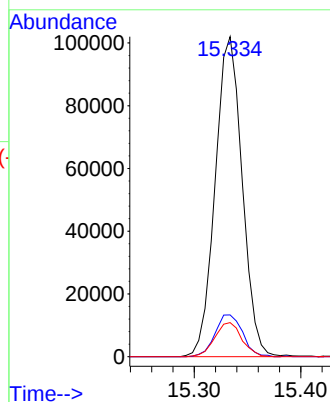
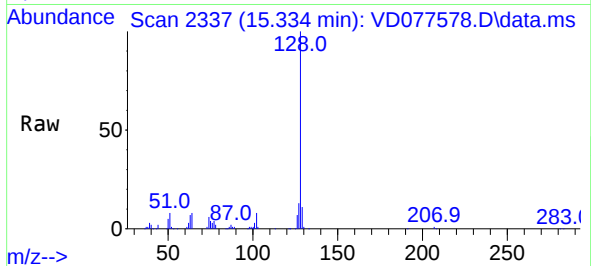




#71
Naphthalene
Concen: 17.455 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 179236
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 17.525 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077578.D
Acq: 15 Nov 2023 16:30

Tgt Ion:180 Resp: 81415
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 31.9 26.0 39.0

