

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111623\
 Data File : VD077598.D
 Acq On : 16 Nov 2023 18:25
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 17 00:32:06 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	8.775	114	291655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	269960	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	138596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	155763	20.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.960%
7) Chloroethane-d5	2.805	69	137412	23.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.320%
11) 1,1-Dichloroethene-d2	3.916	65	44920	19.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.320%
21) 2-Butanone-d5	6.987	46	72966	56.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.600%
24) Chloroform-d	7.569	84	215918	25.628	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.520%
26) 1,2-Dichloroethane-d4	8.228	65	114715	25.597	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.199	84	418204	23.868	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.480%
36) 1,2-Dichloropropane-d6	9.210	67	139546	24.451	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	10.269	98	368429	23.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.522	79	59744	24.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.120%
47) 2-Hexanone-d5	10.875	63	56651	55.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	109724	29.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	125375	25.428	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99888	21.266	ug/L	100
3) Chloromethane	2.152	50	145814	21.578	ug/L	99
5) Vinyl chloride	2.287	62	168441	22.084	ug/L	95
6) Bromomethane	2.699	94	95425	23.500	ug/L	98
8) Chloroethane	2.840	64	112737	23.775	ug/L	94
9) Trichlorofluoromethane	3.181	101	155008	22.331	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	94409	22.102	ug/L	99
12) 1,1-Dichloroethene	3.940	96	86902	20.953	ug/L	94
13) Acetone	4.022	43	61270	45.378	ug/L	97
14) Carbon disulfide	4.269	76	286341	19.173	ug/L	99
15) Methyl Acetate	4.569	43	51065	22.989	ug/L	99
16) Methylene chloride	4.805	84	113087	22.965	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	94627	21.689	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	235593	23.007	ug/L	99
19) 1,1-Dichloroethane	6.116	63	197092	22.516	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	107565	22.693	ug/L	98
22) 2-Butanone	7.081	43	70237	43.233	ug/L	99
23) Bromochloromethane	7.428	128	44451	23.339	ug/L	96
25) Chloroform	7.599	83	188060	23.386	ug/L	96

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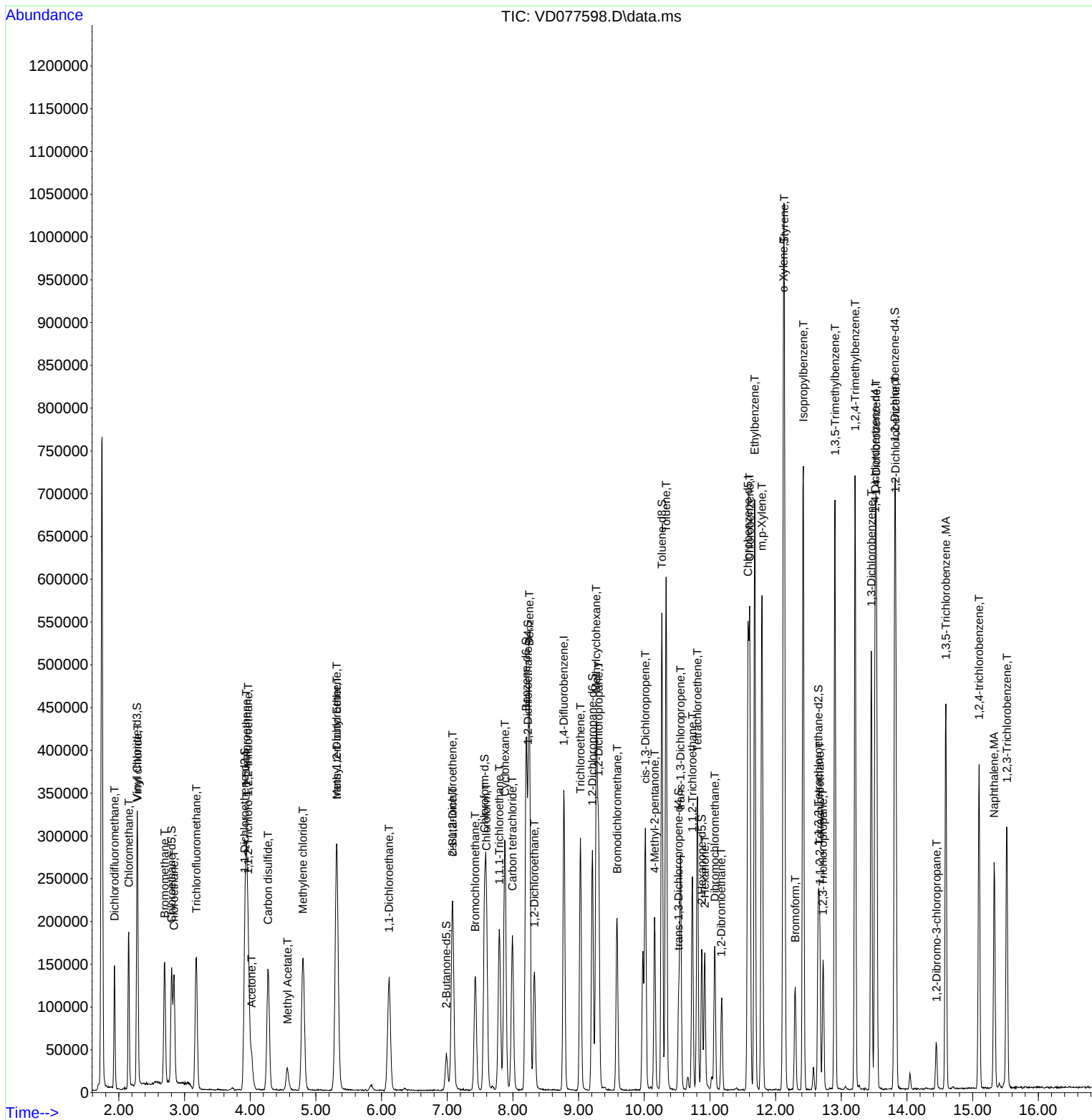
Instrument :
 MSVOA_D
 ClientSampleId :

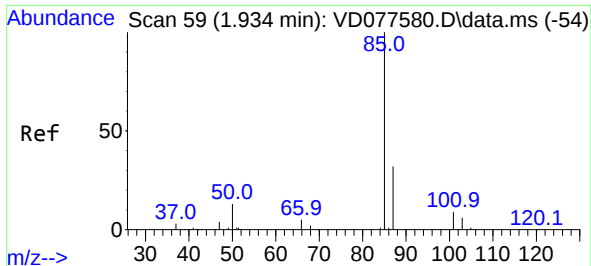
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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	126443	23.720	ug/L	98
29) Cyclohexane	7.881	56	172113	19.636	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	155035	21.937	ug/L	99
31) Carbon tetrachloride	7.993	117	136249	22.433	ug/L	100
33) Benzene	8.251	78	421786	22.531	ug/L	100
34) Trichloroethene	9.028	95	102453	22.086	ug/L	90
35) Methylcyclohexane	9.269	83	170126	20.323	ug/L	98
37) 1,2-Dichloropropane	9.304	63	116671	22.418	ug/L	100
38) Bromodichloromethane	9.587	83	137777	23.080	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	179591	22.456	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	141514	44.621	ug/L	98
42) Toluene	10.334	91	440803	22.427	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	149715	22.656	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	77235	24.278	ug/L	96
46) Tetrachloroethene	10.810	164	76465	22.403	ug/L	95
48) 2-Hexanone	10.922	43	102642	40.830	ug/L	95
49) Dibromochloromethane	11.075	129	86062	23.816	ug/L	96
50) 1,2-Dibromoethane	11.175	107	70776	23.265	ug/L	95
51) Chlorobenzene	11.604	112	266627	23.155	ug/L	98
52) Ethylbenzene	11.681	91	489553	22.636	ug/L	98
53) m,p-Xylene	11.792	106	180716	22.963	ug/L	97
54) o-Xylene	12.122	106	177034	23.487	ug/L	98
55) Styrene	12.134	104	311614	23.678	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	89598	23.908	ug/L	95
59) Bromoform	12.298	173	52472	22.206	ug/L	98
60) Isopropylbenzene	12.422	105	479468	21.387	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	62445	21.152	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	363339	21.355	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	369183	21.421	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	203901	22.170	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	204405	22.022	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	181558	22.329	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	13056	20.332	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.592	180	136712	21.831	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	116710	22.113	ug/L	99
71) Naphthalene	15.328	128	220020	22.120	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	100561	22.346	ug/L	97

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

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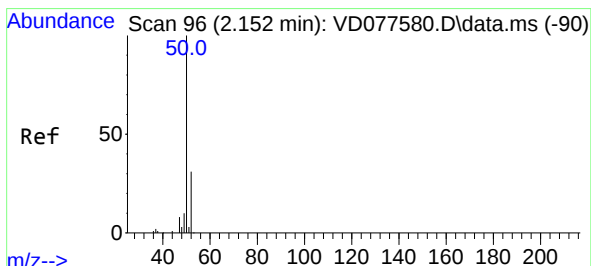
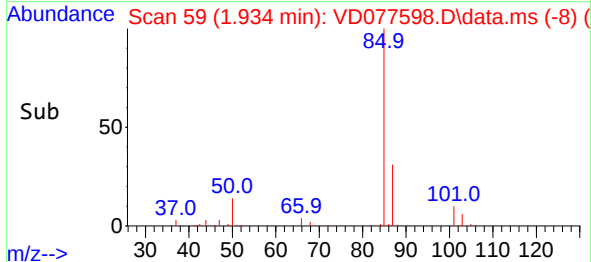
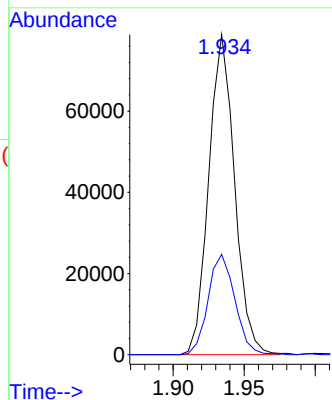
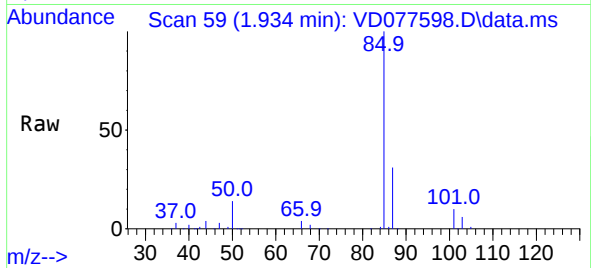




#2
 Dichlorodifluoromethane
 Concen: 21.266 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD077598.D
 Acq: 16 Nov 2023 18:25

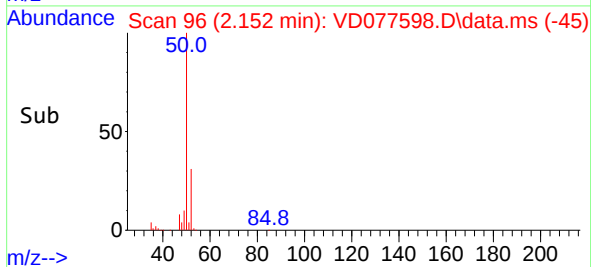
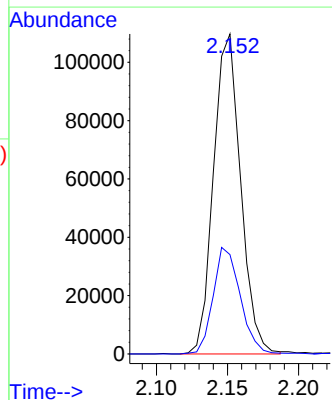
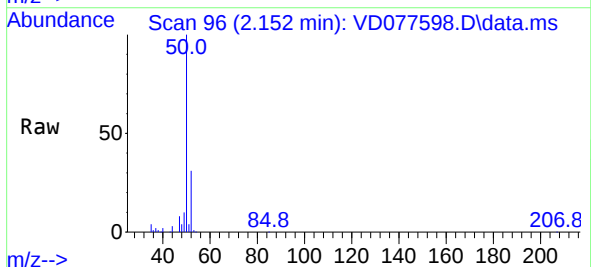
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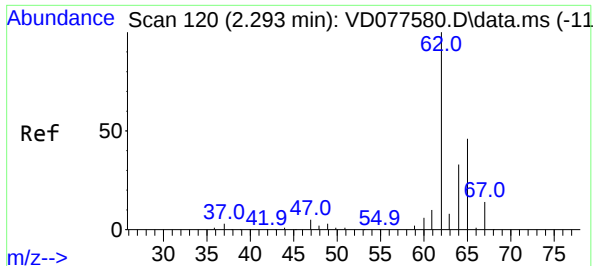
Tgt Ion: 85 Resp: 99888
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.2



#3
 Chloromethane
 Concen: 21.578 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077598.D
 Acq: 16 Nov 2023 18:25

Tgt Ion: 50 Resp: 145814
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.1 41.1

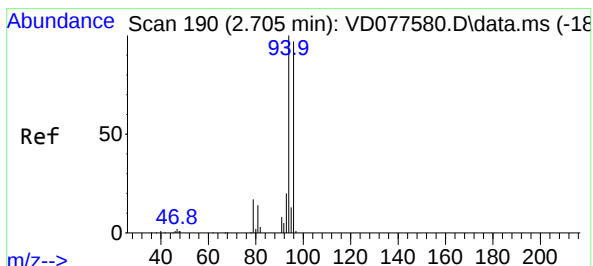
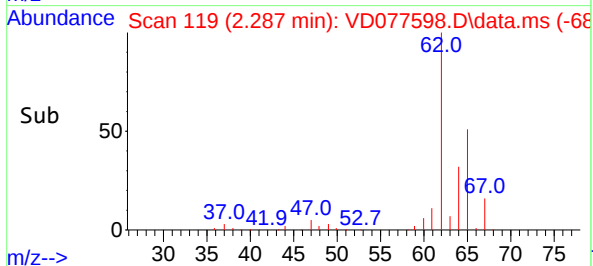
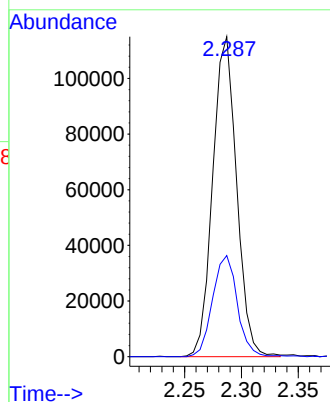
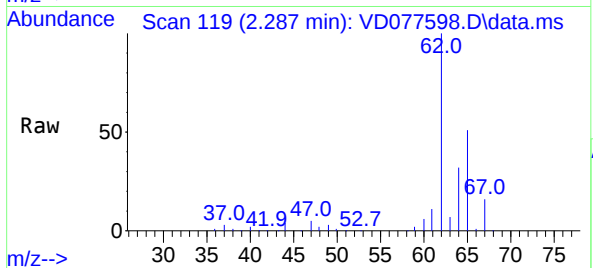




#5
 Vinyl chloride
 Concen: 22.084 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD077598.D
 Acq: 16 Nov 2023 18:25

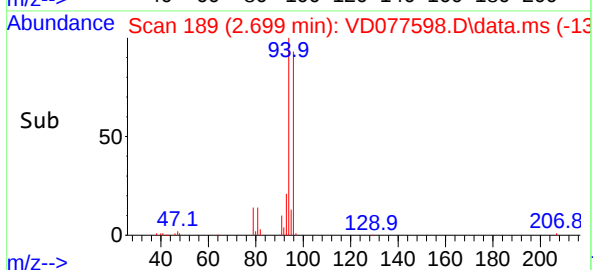
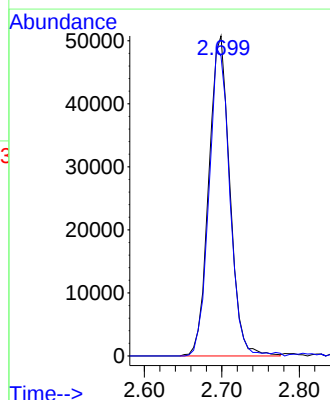
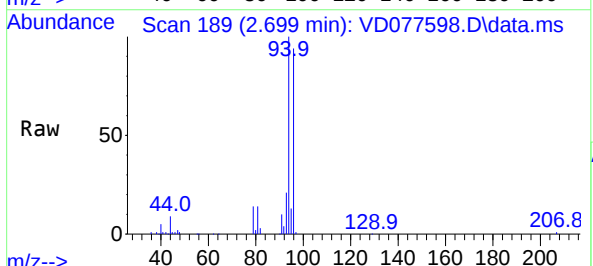
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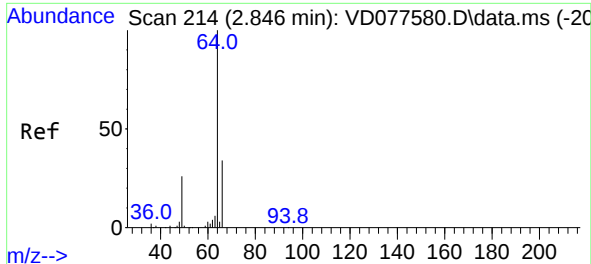
Tgt Ion: 62 Resp: 168441
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.9 44.5



#6
 Bromomethane
 Concen: 23.500 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD077598.D
 Acq: 16 Nov 2023 18:25

Tgt Ion: 94 Resp: 95425
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.5 119.9

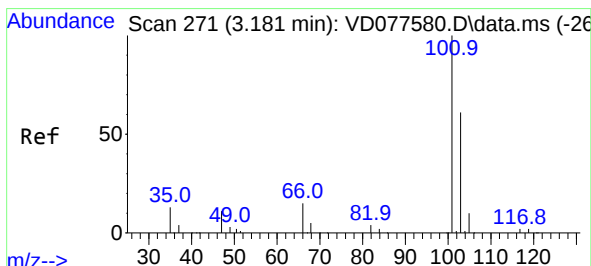
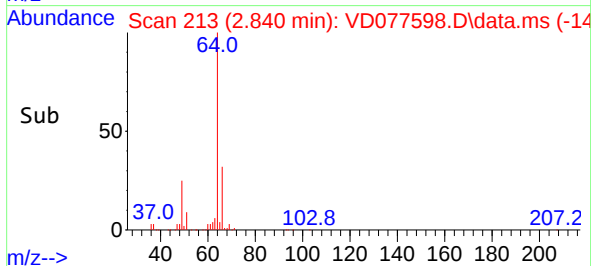
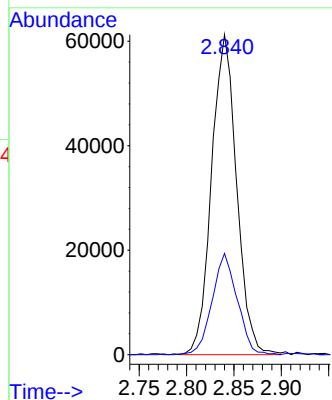
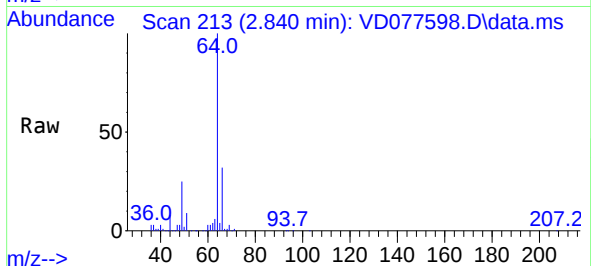




#8
Chloroethane
Concen: 23.775 ug/L
RT: 2.840 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

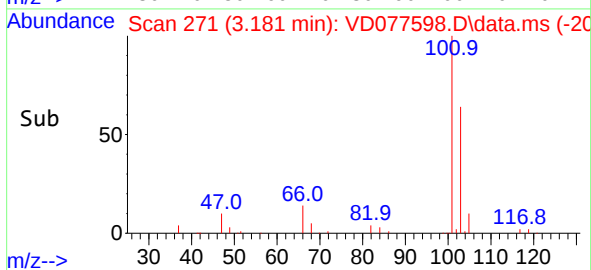
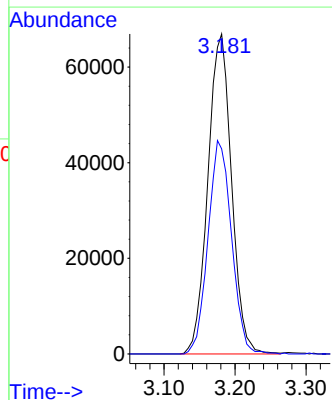
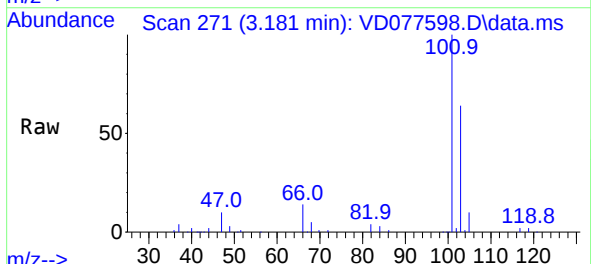
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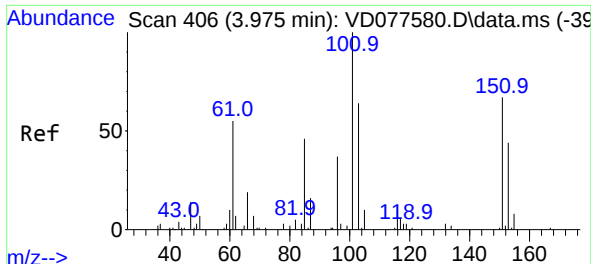
Tgt Ion: 64 Resp: 112737
Ion Ratio Lower Upper
64 100
66 31.6 19.8 36.8



#9
Trichlorofluoromethane
Concen: 22.331 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:101 Resp: 155008
Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9

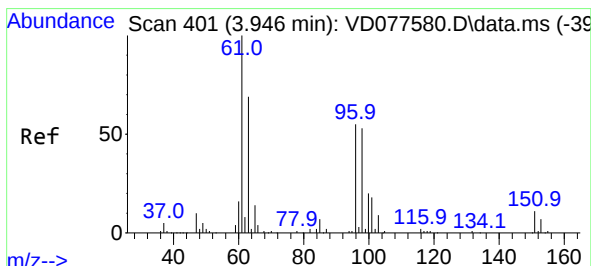
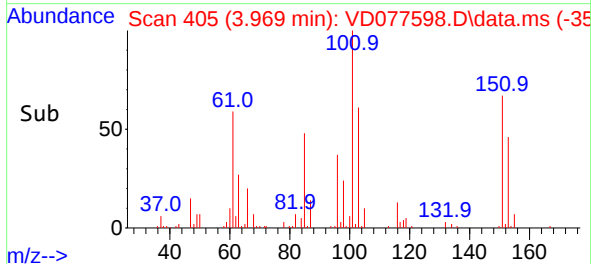
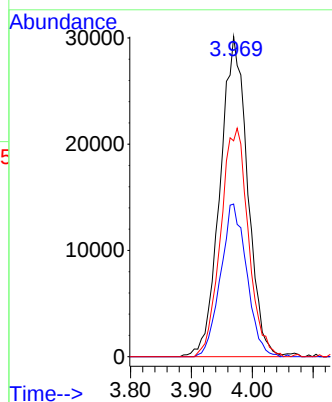
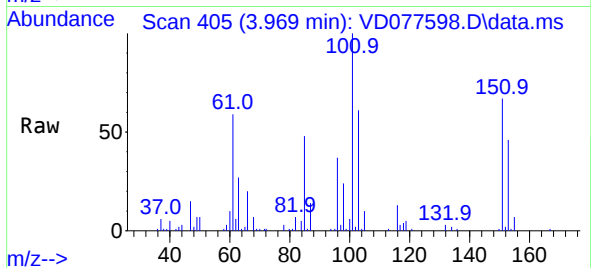




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.102 ug/L
RT: 3.969 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

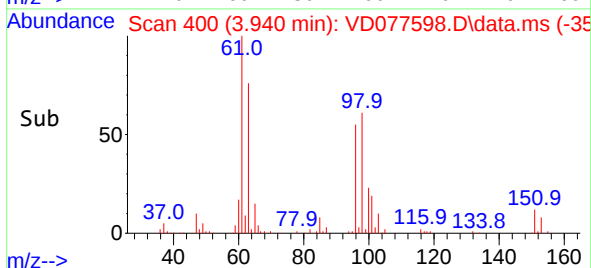
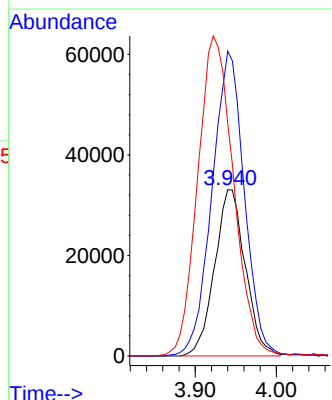
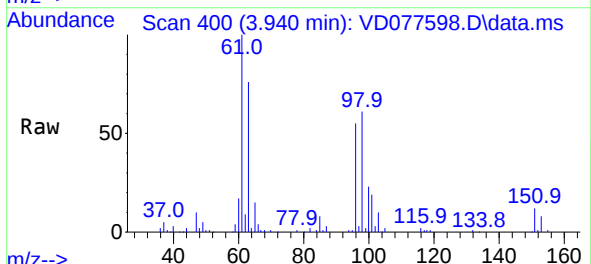
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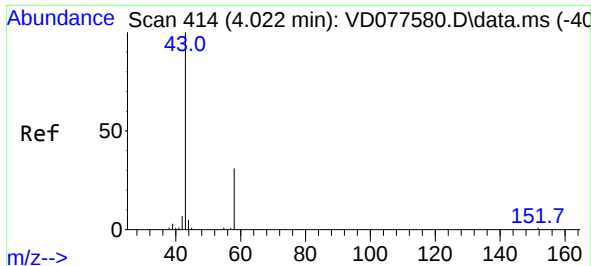
Tgt Ion:101 Resp: 94409
Ion Ratio Lower Upper
101 100
85 45.3 36.8 55.2
151 71.8 56.6 84.8



#12
1,1-Dichloroethene
Concen: 20.953 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 96 Resp: 86902
Ion Ratio Lower Upper
96 100
61 183.5 127.5 236.9
63 139.9 86.4 160.4

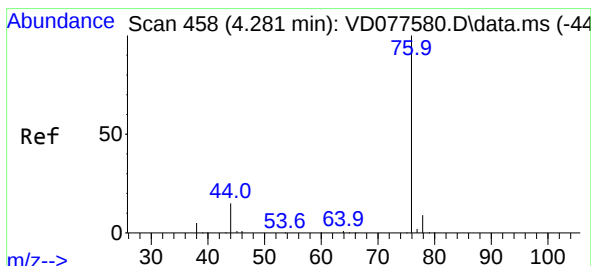
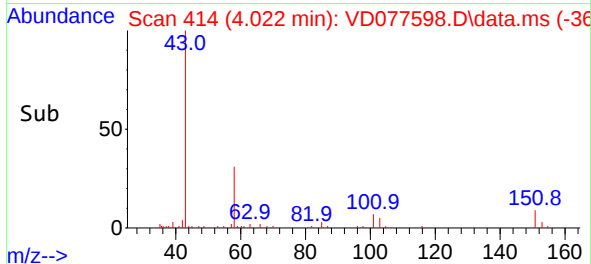
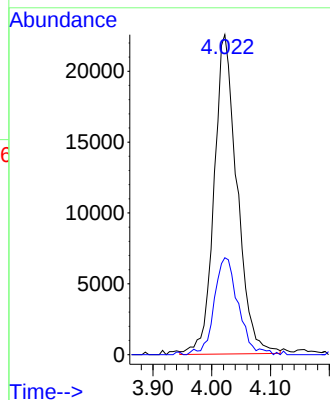
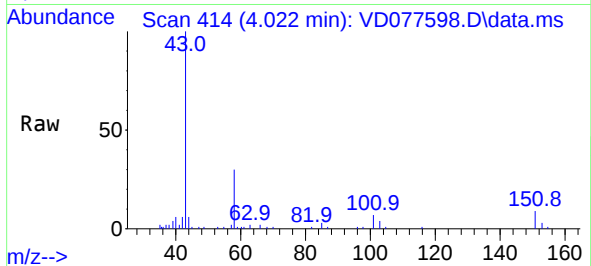




#13
Acetone
Concen: 45.378 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

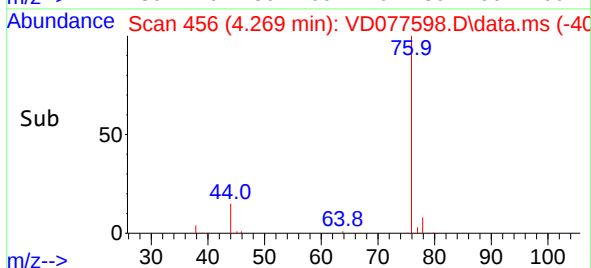
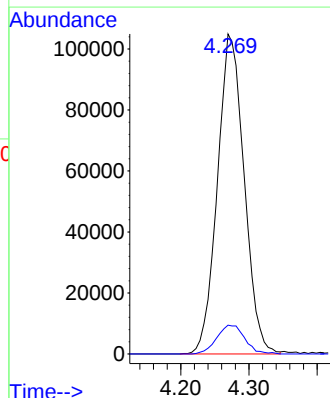
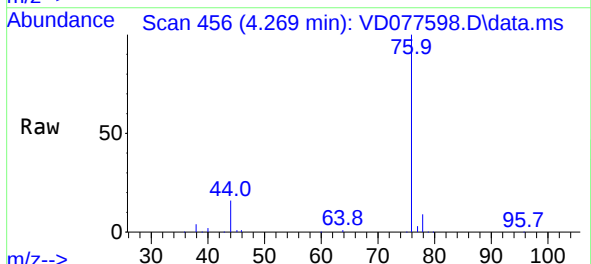
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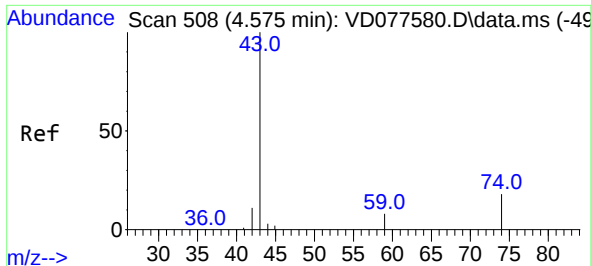
Tgt Ion: 43 Resp: 61270
Ion Ratio Lower Upper
43 100
58 30.6 0.0 64.0



#14
Carbon disulfide
Concen: 19.173 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
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Acq: 16 Nov 2023 18:25

Tgt Ion: 76 Resp: 286341
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3

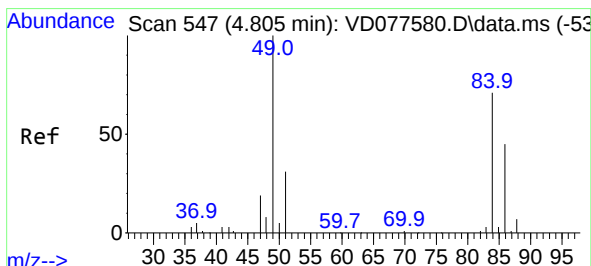
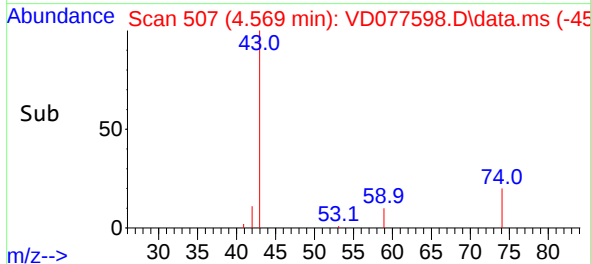
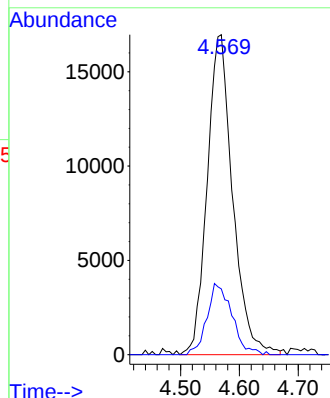
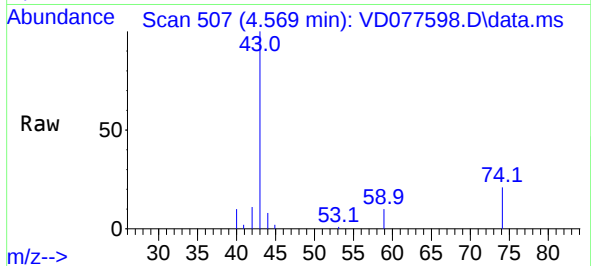




#15
Methyl Acetate
Concen: 22.989 ug/L
RT: 4.569 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

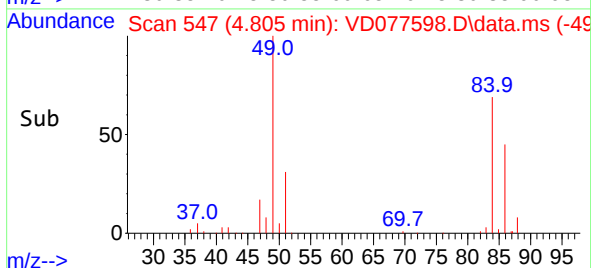
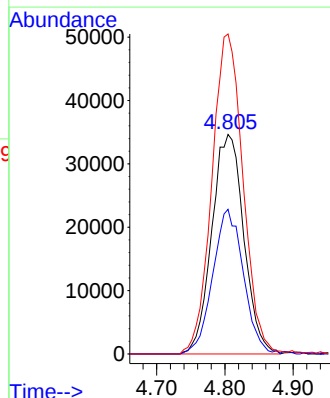
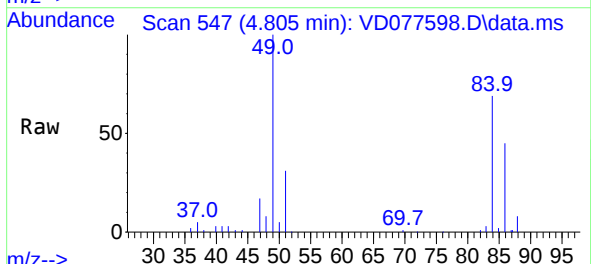
Instrument :
MSVOA_D
ClientSampleId :

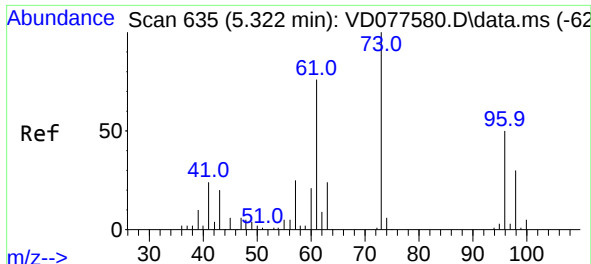
Tgt Ion: 43 Resp: 51065
Ion Ratio Lower Upper
43 100
74 21.0 16.6 24.8



#16
Methylene chloride
Concen: 22.965 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 84 Resp: 113087
Ion Ratio Lower Upper
84 100
86 65.9 46.5 86.5
49 145.7 98.3 182.7

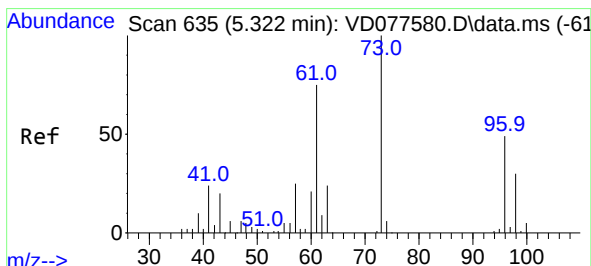
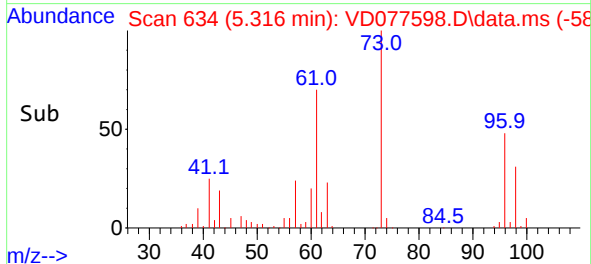
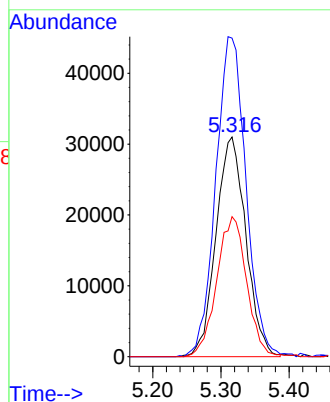
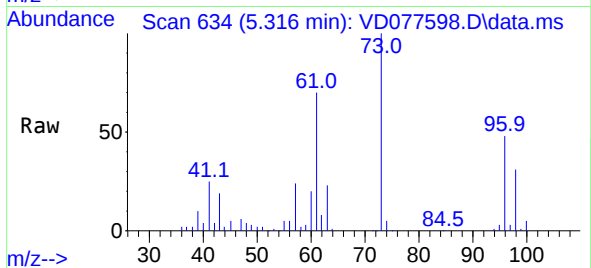




#17
trans-1,2-Dichloroethene
Concen: 21.689 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

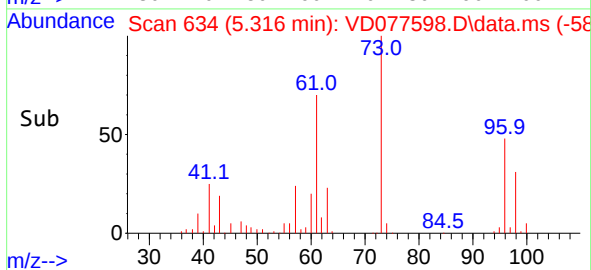
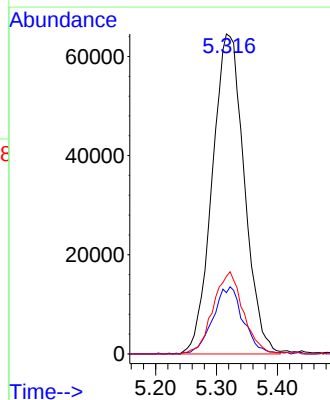
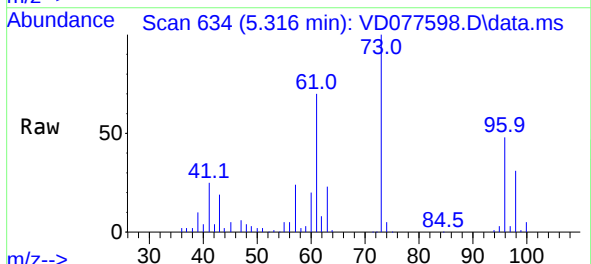
Instrument :
MSVOA_D
ClientSampleId :

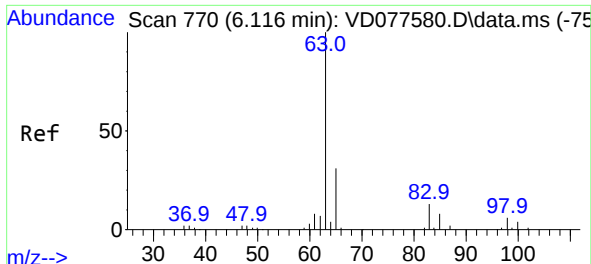
Tgt Ion: 96 Resp: 94627
Ion Ratio Lower Upper
96 100
61 145.0 104.0 193.2
98 63.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 23.007 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

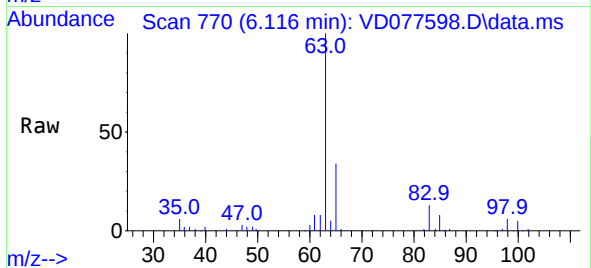
Tgt Ion: 73 Resp: 235593
Ion Ratio Lower Upper
73 100
43 19.9 16.4 24.6
57 24.2 19.3 28.9



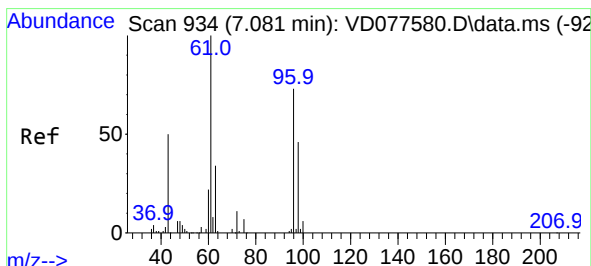
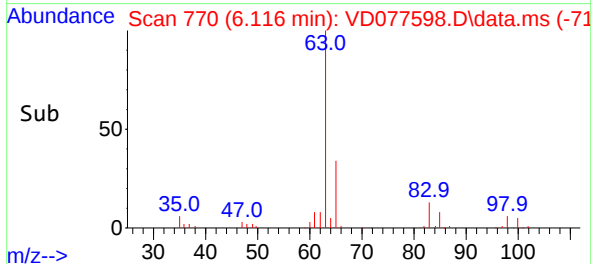
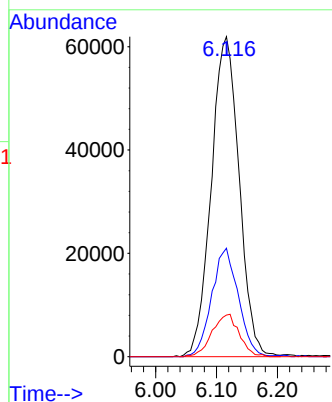


#19
1,1-Dichloroethane
Concen: 22.516 ug/L
RT: 6.116 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

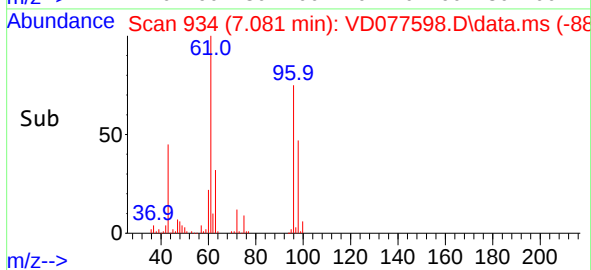
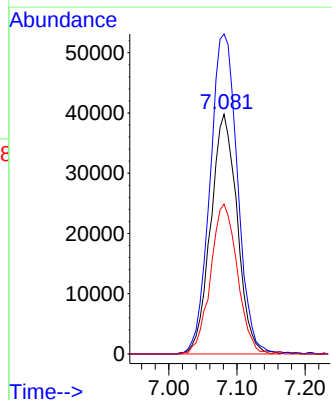
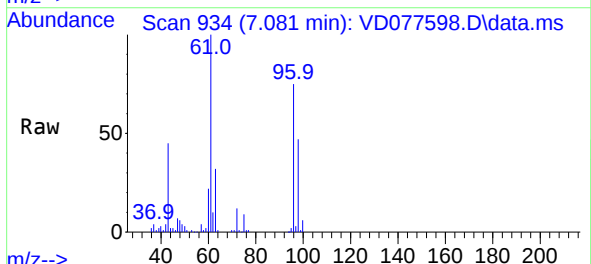


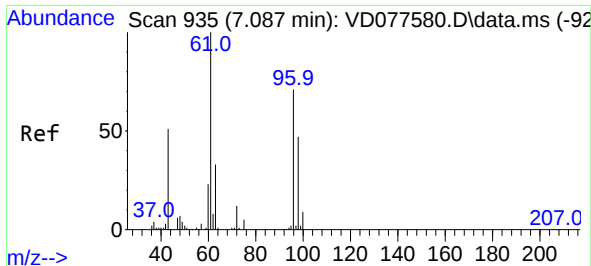
Tgt Ion: 63 Resp: 197092
Ion Ratio Lower Upper
63 100
65 33.9 22.6 42.0
83 13.0 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 22.693 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

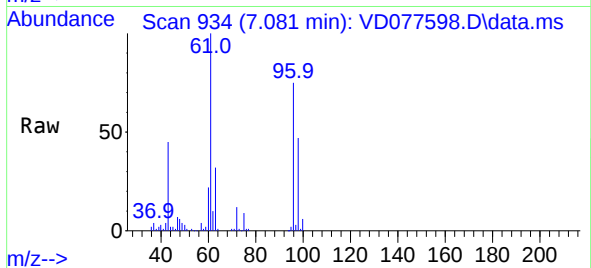
Tgt Ion: 96 Resp: 107565
Ion Ratio Lower Upper
96 100
61 133.5 95.0 176.4
98 62.6 43.1 80.1



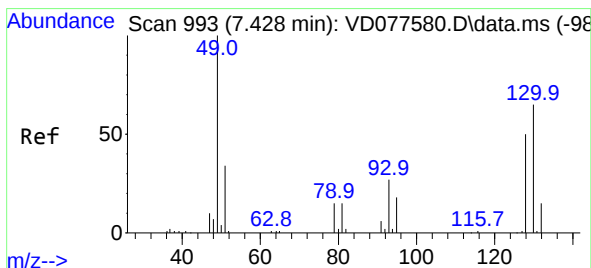
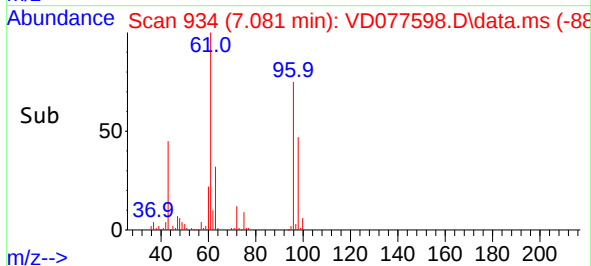
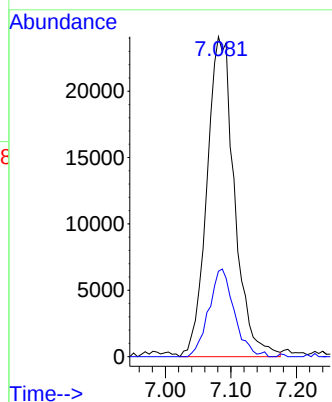


#22
2-Butanone
Concen: 43.233 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

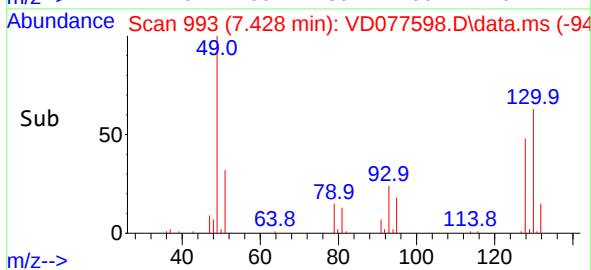
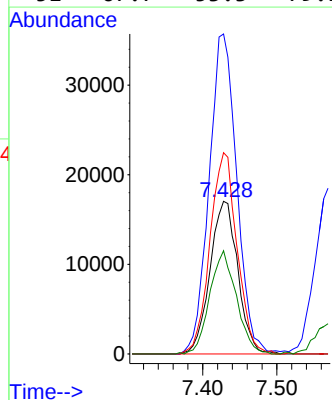
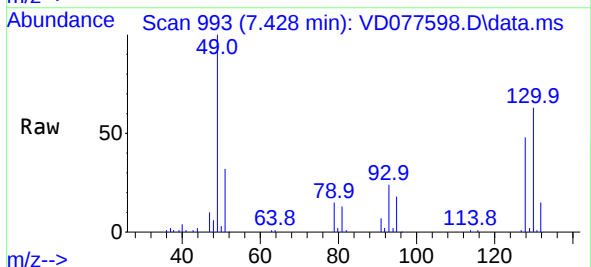


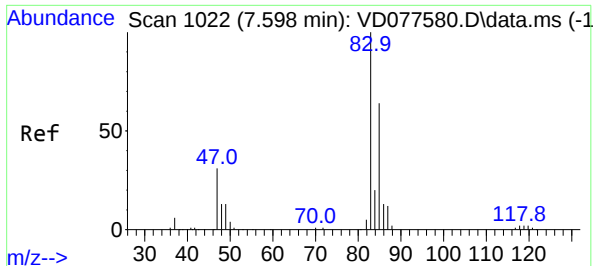
Tgt Ion: 43 Resp: 70237
Ion Ratio Lower Upper
43 100
72 25.0 12.8 38.4



#23
Bromochloromethane
Concen: 23.339 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:128 Resp: 44451
Ion Ratio Lower Upper
128 100
49 209.7 146.7 272.5
130 131.8 83.2 154.6
51 67.7 53.3 79.9





#25

Chloroform

Concen: 23.386 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077598.D

Acq: 16 Nov 2023 18:25

Instrument :

MSVOA_D

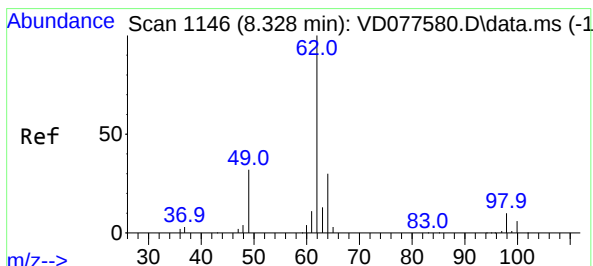
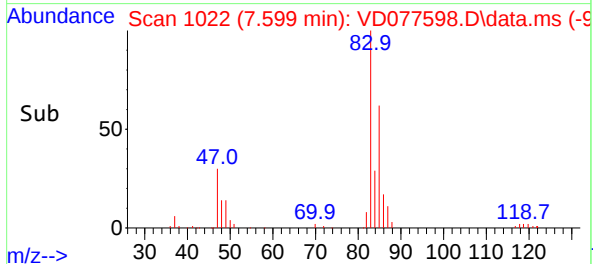
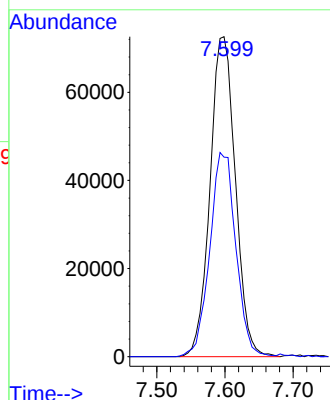
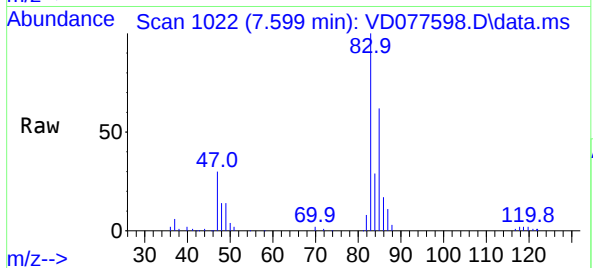
ClientSampleId :

Tgt Ion: 83 Resp: 188060

Ion Ratio Lower Upper

83 100

85 62.3 45.9 85.3



#27

1,2-Dichloroethane

Concen: 23.720 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077598.D

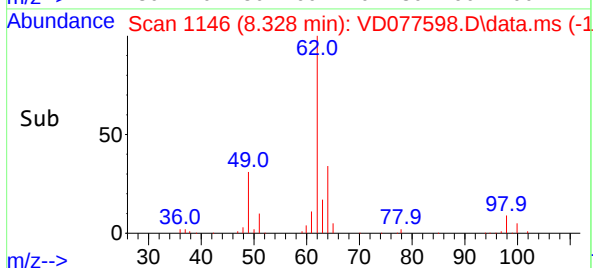
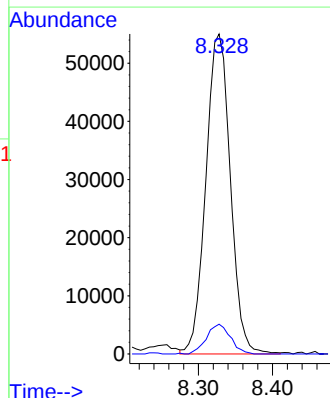
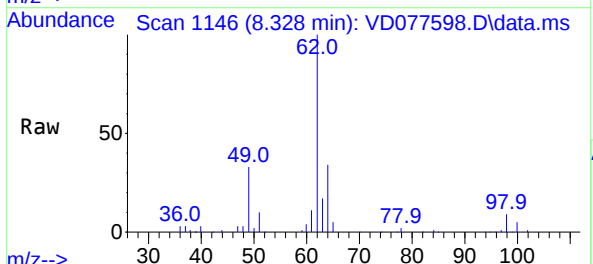
Acq: 16 Nov 2023 18:25

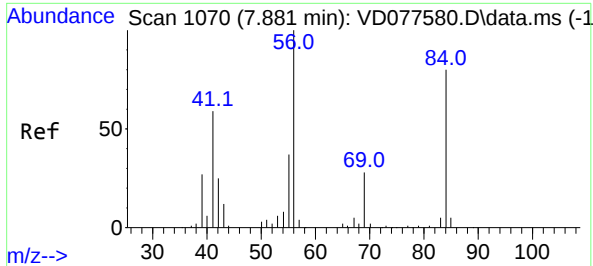
Tgt Ion: 62 Resp: 126443

Ion Ratio Lower Upper

62 100

98 9.3 8.0 12.0





#29

Cyclohexane

Concen: 19.636 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077598.D

Acq: 16 Nov 2023 18:25

Instrument :

MSVOA_D

ClientSampleId :

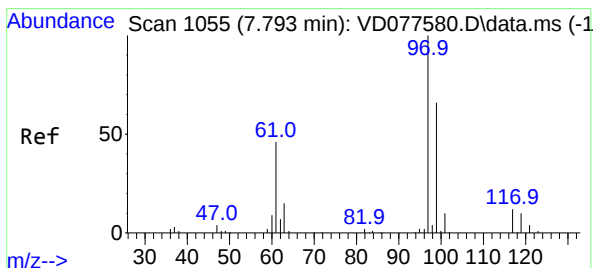
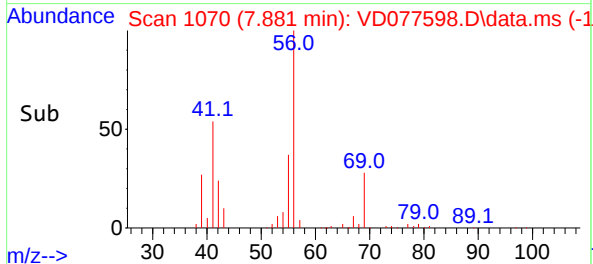
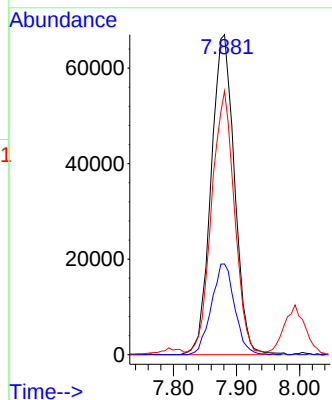
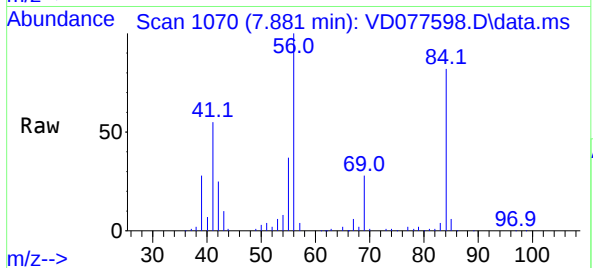
Tgt Ion: 56 Resp: 172113

Ion Ratio Lower Upper

56 100

69 28.2 22.6 33.8

84 80.6 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 21.937 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077598.D

Acq: 16 Nov 2023 18:25

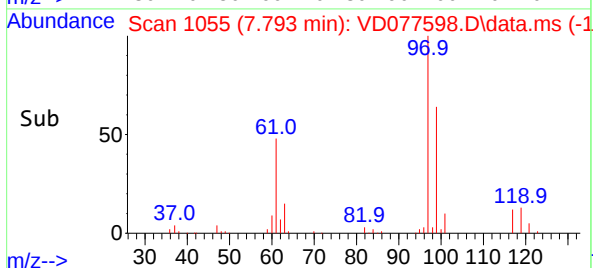
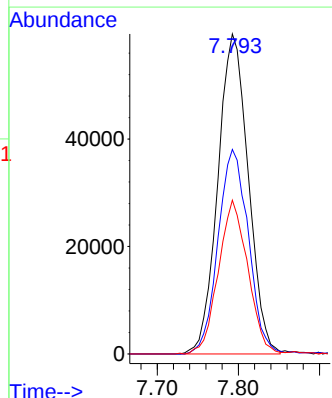
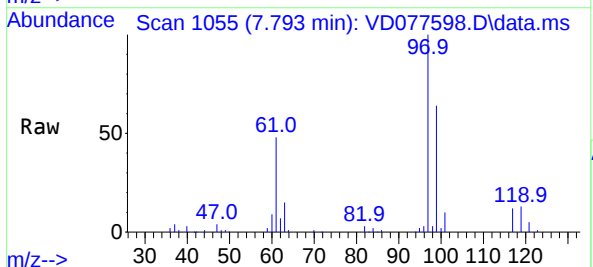
Tgt Ion: 97 Resp: 155035

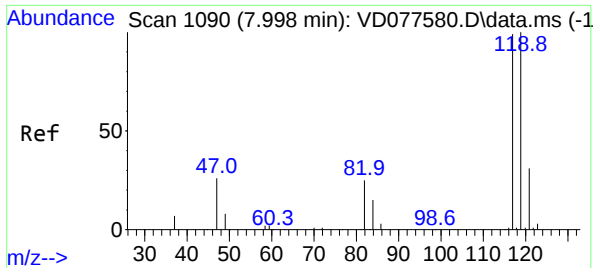
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 46.4 38.1 57.1

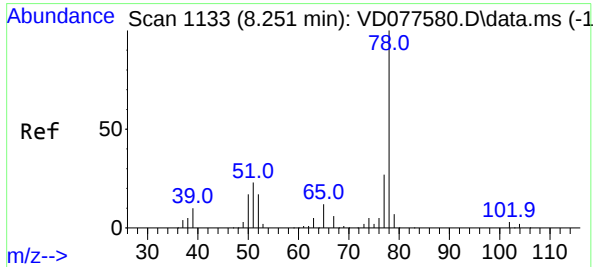
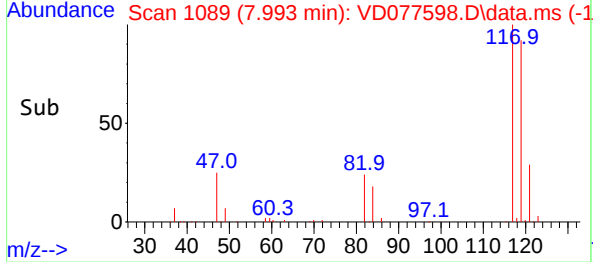
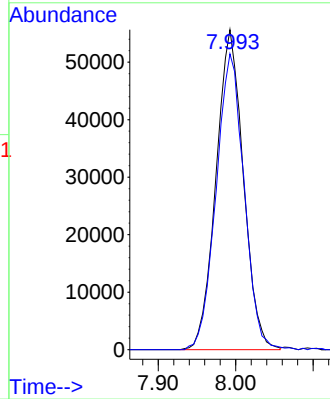
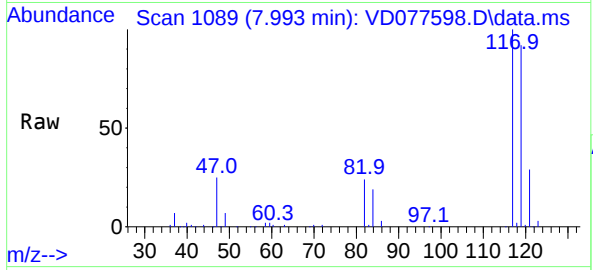




#31
Carbon tetrachloride
Concen: 22.433 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

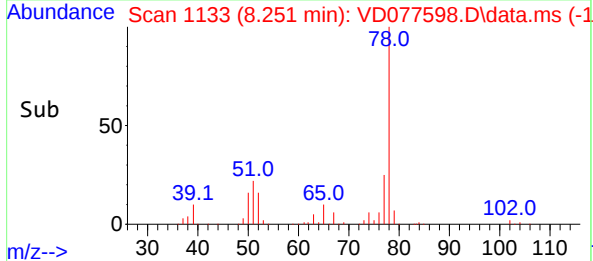
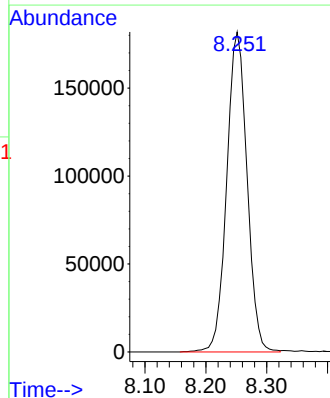
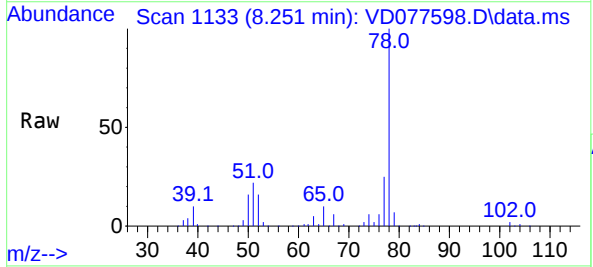
Instrument :
MSVOA_D
ClientSampleId :

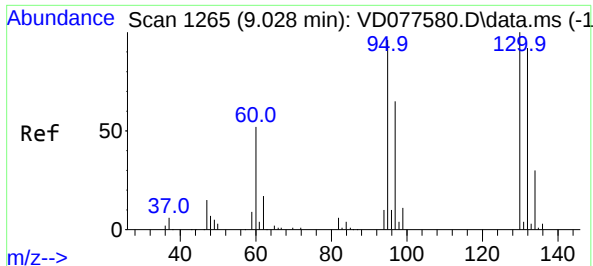
Tgt Ion:117 Resp: 136249
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0



#33
Benzene
Concen: 22.531 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 78 Resp: 421786





#34

Trichloroethene

Concen: 22.086 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

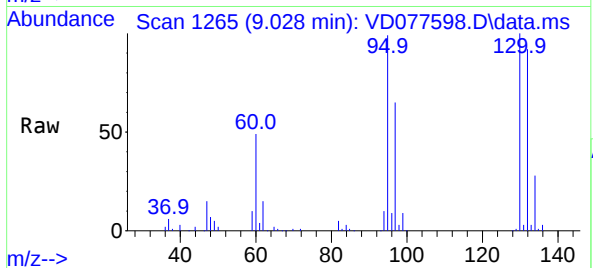
Lab File: VD077598.D

Acq: 16 Nov 2023 18:25

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 102453

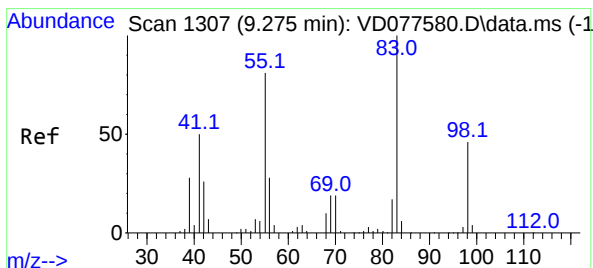
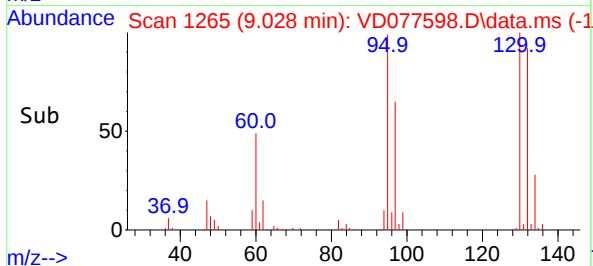
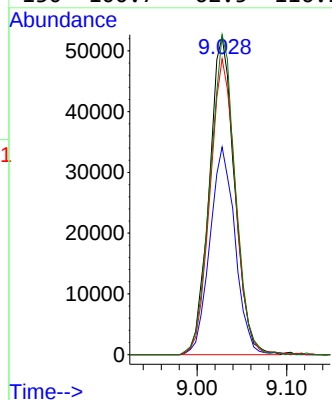
Ion Ratio Lower Upper

95 100

97 65.3 42.4 78.6

132 93.1 59.4 110.2

130 100.7 62.5 116.1



#35

Methylcyclohexane

Concen: 20.323 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD077598.D

Acq: 16 Nov 2023 18:25

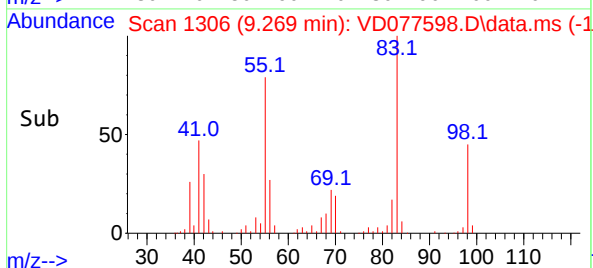
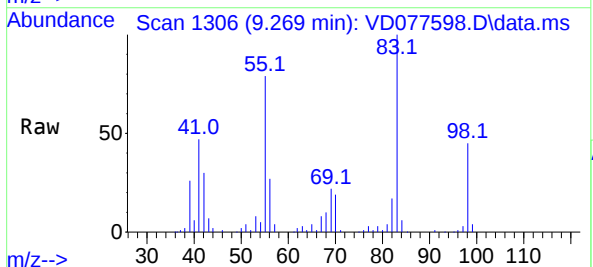
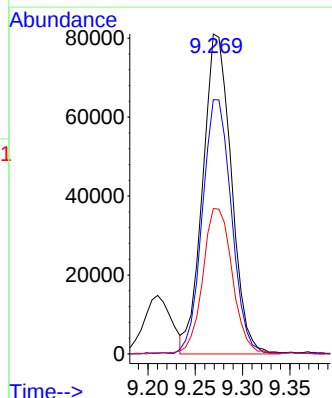
Tgt Ion: 83 Resp: 170126

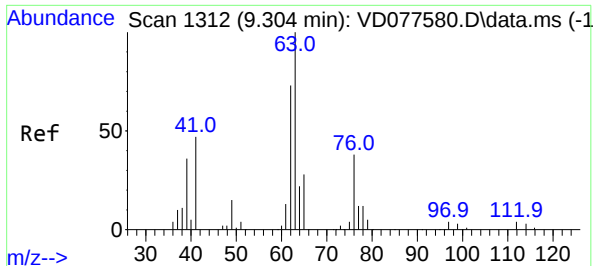
Ion Ratio Lower Upper

83 100

55 80.9 66.5 99.7

98 47.2 37.4 56.2

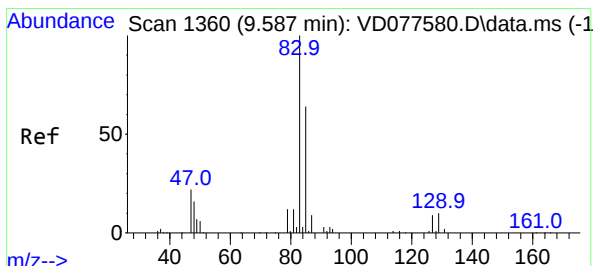
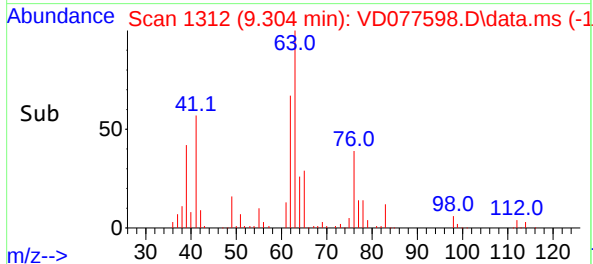
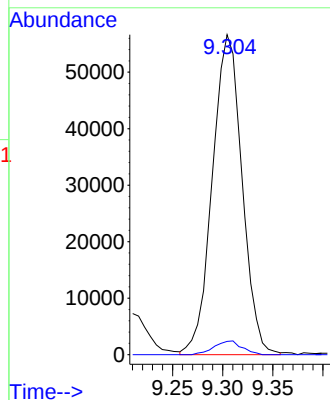
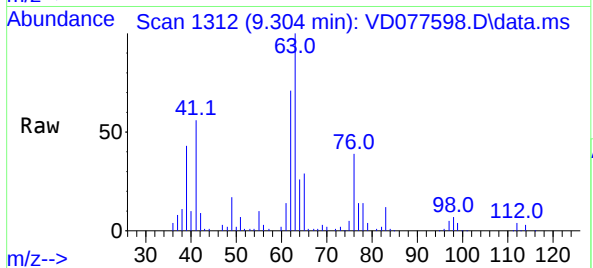




#37
1,2-Dichloropropane
Concen: 22.418 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

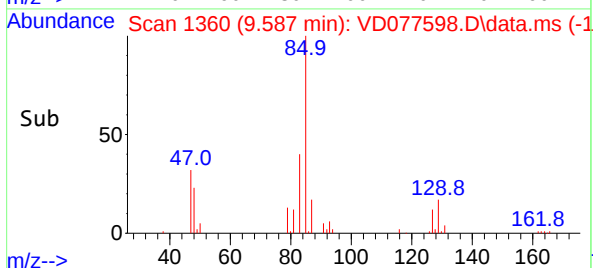
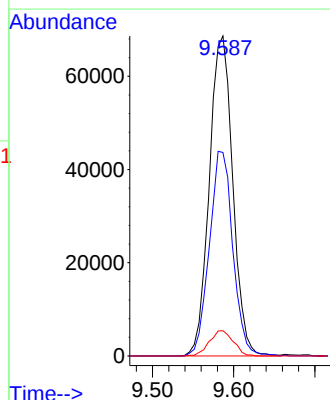
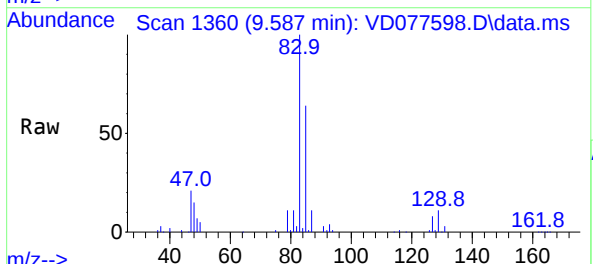
Instrument :
MSVOA_D
ClientSampleId :

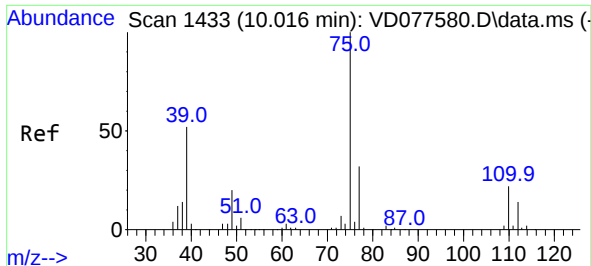
Tgt Ion: 63 Resp: 116671
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#38
Bromodichloromethane
Concen: 23.080 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 83 Resp: 137777
Ion Ratio Lower Upper
83 100
85 63.6 42.4 78.8
127 8.9 6.4 9.6

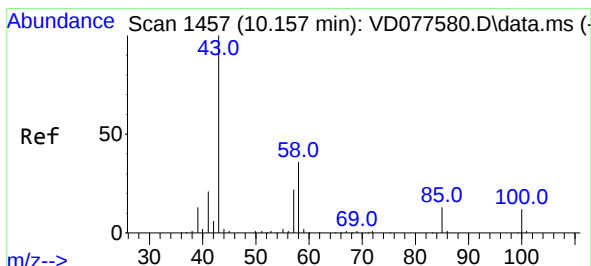
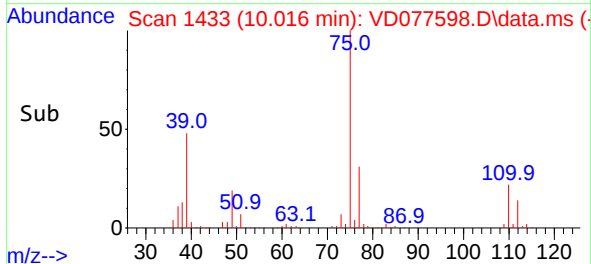
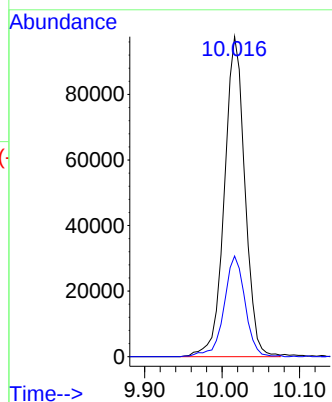
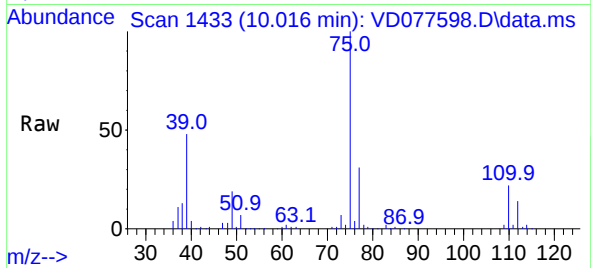




#39
cis-1,3-Dichloropropene
Concen: 22.456 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

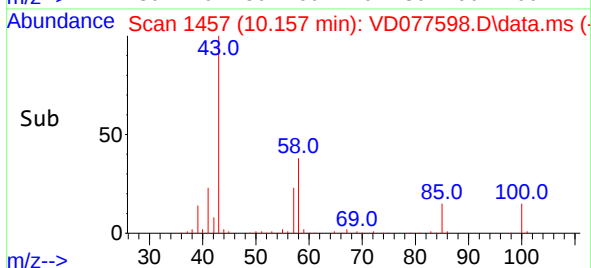
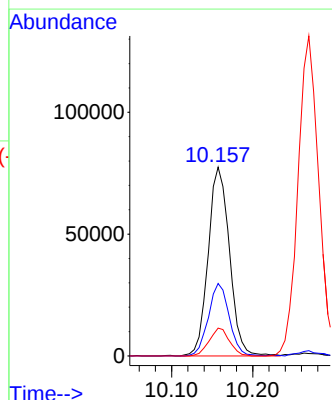
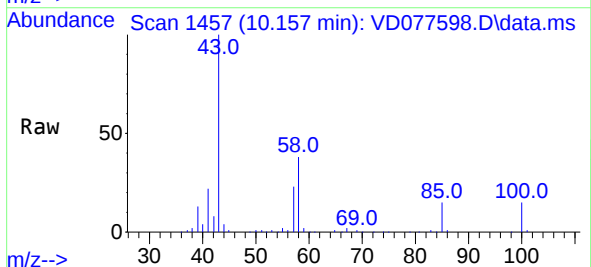
Instrument :
MSVOA_D
ClientSampleId :

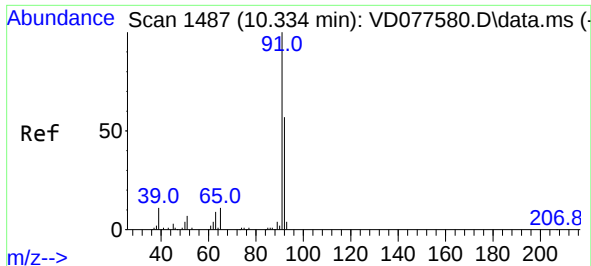
Tgt Ion: 75 Resp: 179591
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 44.621 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 43 Resp: 141514
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.8
100 14.0 9.5 14.3

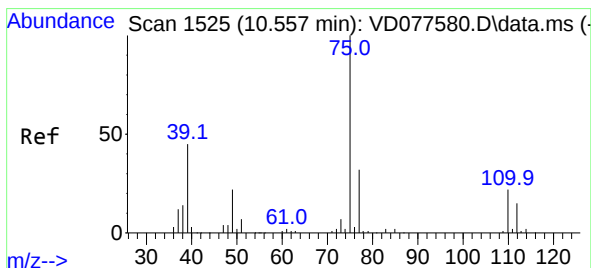
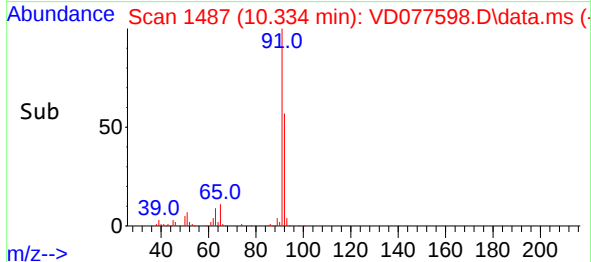
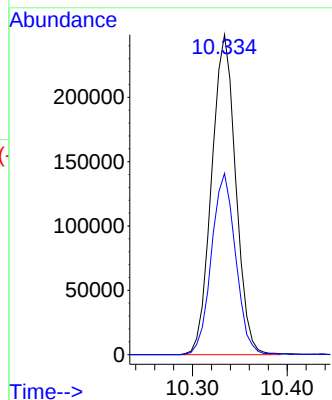
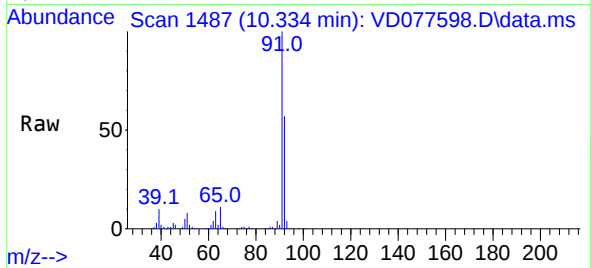




#42
Toluene
Concen: 22.427 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

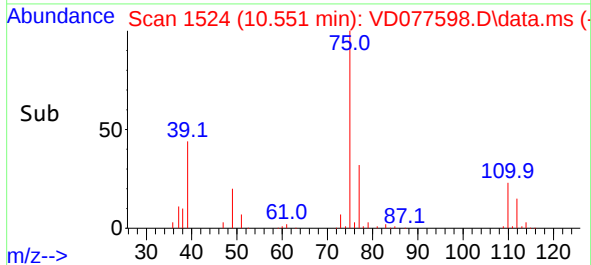
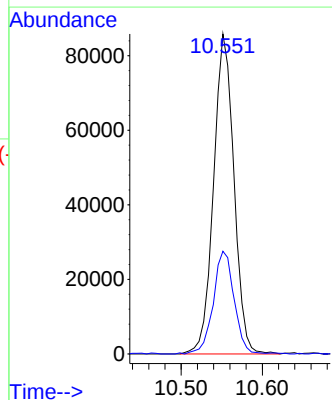
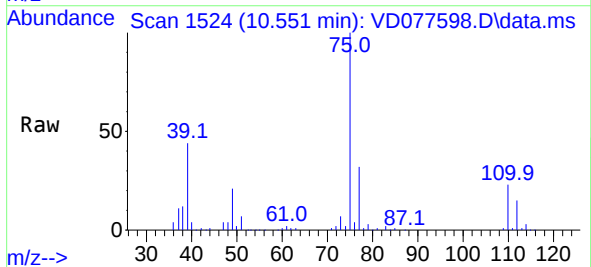
Instrument :
MSVOA_D
ClientSampleId :

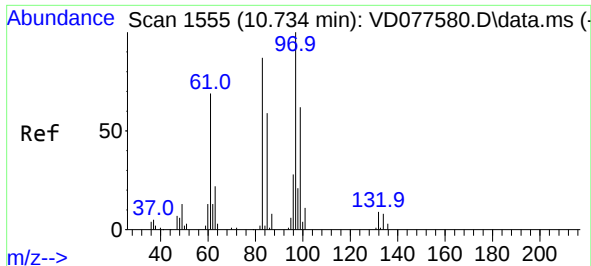
Tgt Ion: 91 Resp: 440803
Ion Ratio Lower Upper
91 100
92 56.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 22.656 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 75 Resp: 149715
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.5

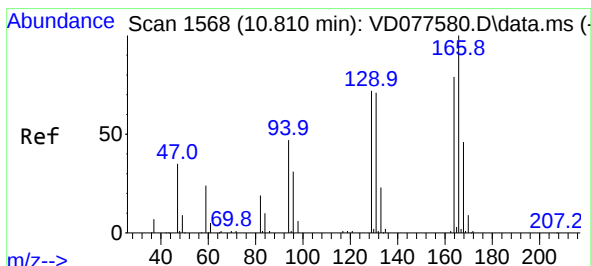
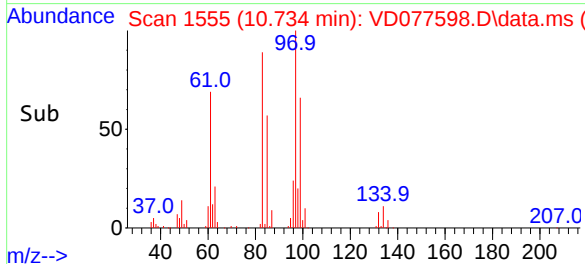
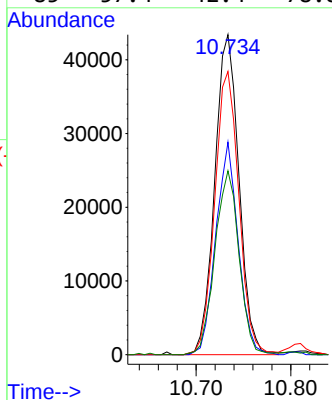
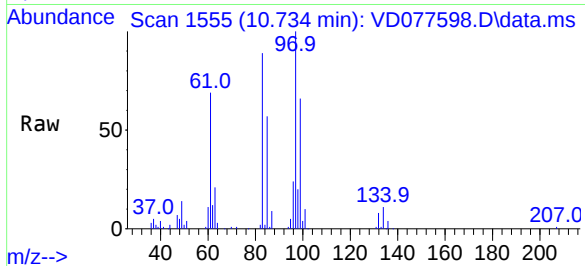




#45
1,1,2-Trichloroethane
Concen: 24.278 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

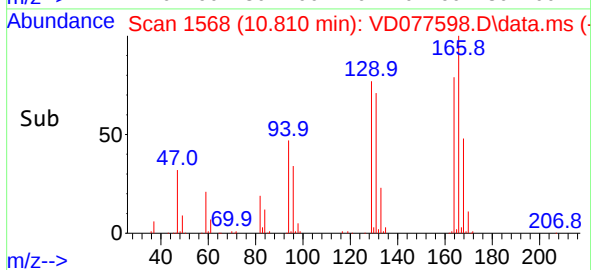
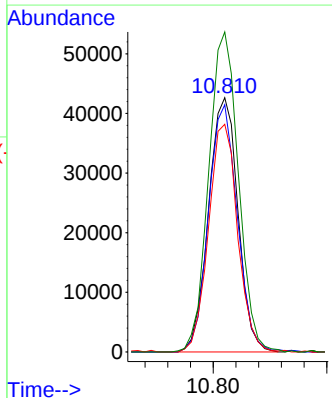
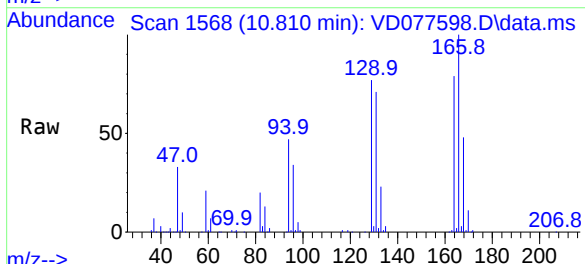
Instrument :
MSVOA_D
ClientSampleId :

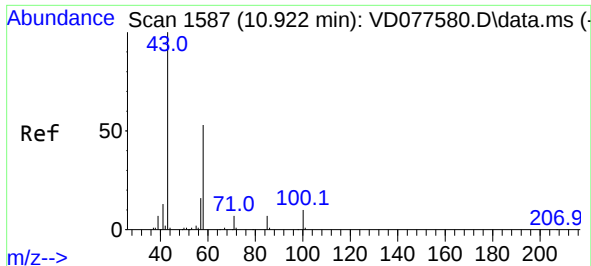
Tgt Ion:	97	Resp:	77235
Ion	Ratio	Lower	Upper
97	100		
99	66.4	43.5	80.7
83	88.5	63.1	117.3
85	57.4	42.4	78.8



#46
Tetrachloroethene
Concen: 22.403 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

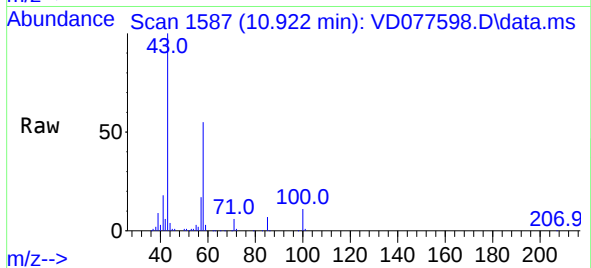
Tgt Ion:	164	Resp:	76465
Ion	Ratio	Lower	Upper
164	100		
129	97.3	60.6	112.6
131	89.6	61.6	114.4
166	125.9	85.4	158.6



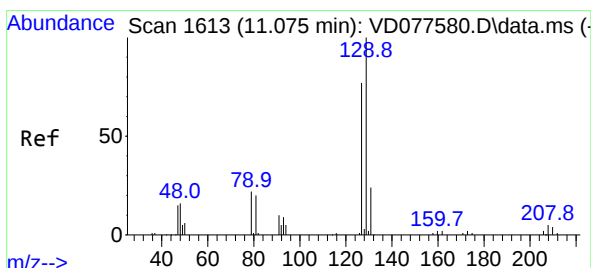
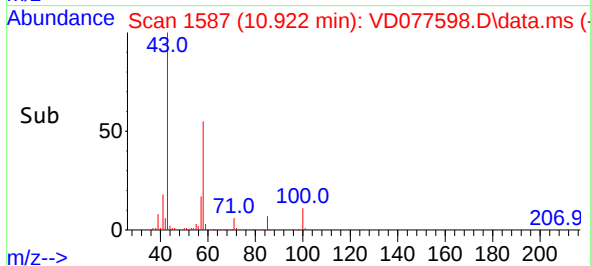
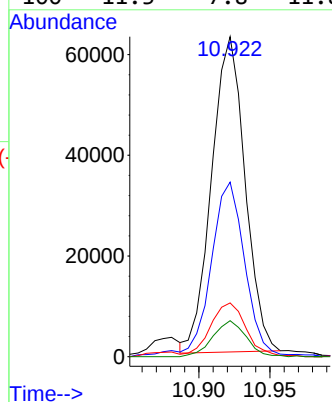


#48
2-Hexanone
Concen: 40.830 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

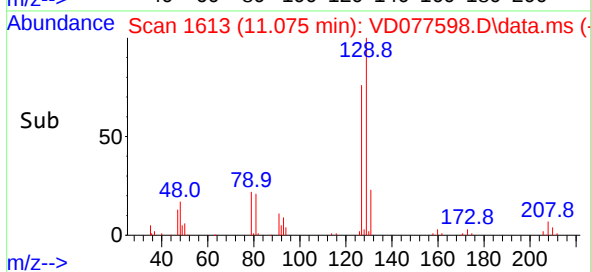
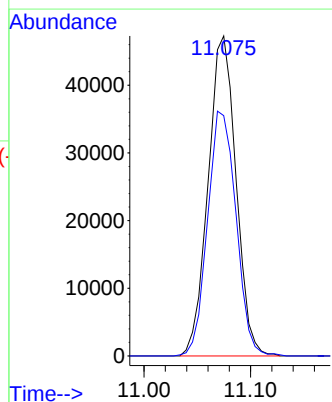
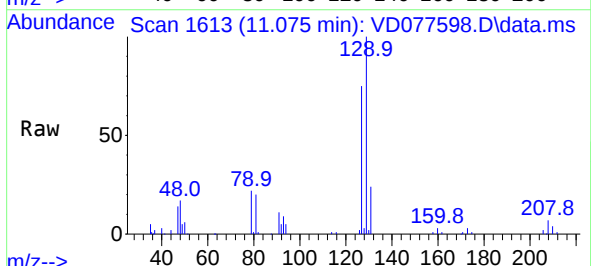


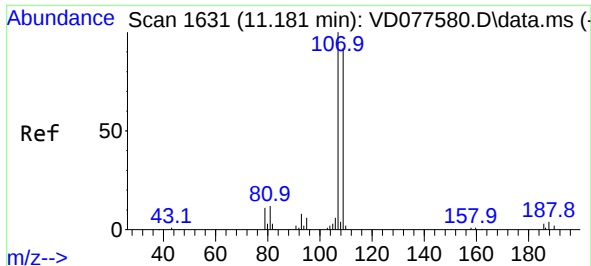
Tgt Ion: 43 Resp: 102642
Ion Ratio Lower Upper
43 100
58 55.1 40.8 61.2
57 18.1 13.7 20.5
100 11.3 7.8 11.8



#49
Dibromochloromethane
Concen: 23.816 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

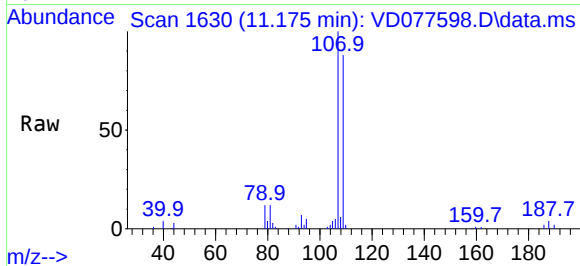
Tgt Ion: 129 Resp: 86062
Ion Ratio Lower Upper
129 100
127 75.1 54.9 102.1



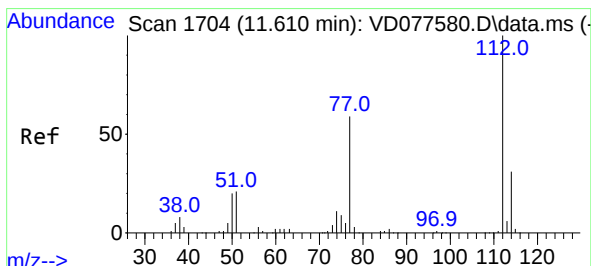
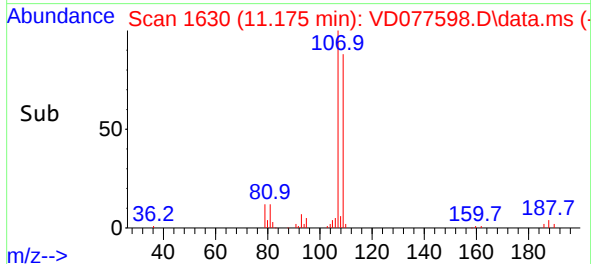
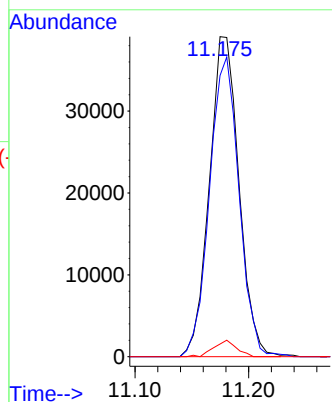


#50
1,2-Dibromoethane
Concen: 23.265 ug/L
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

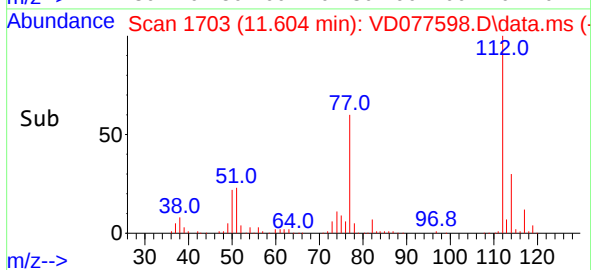
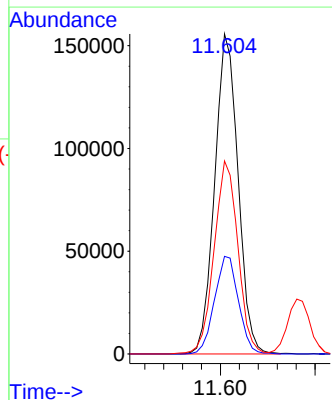
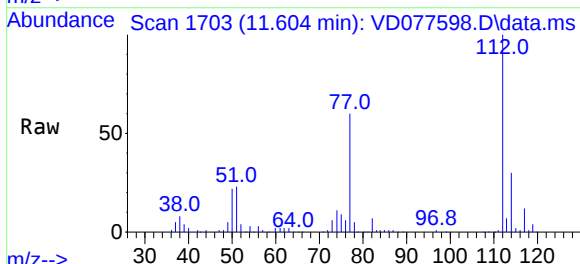


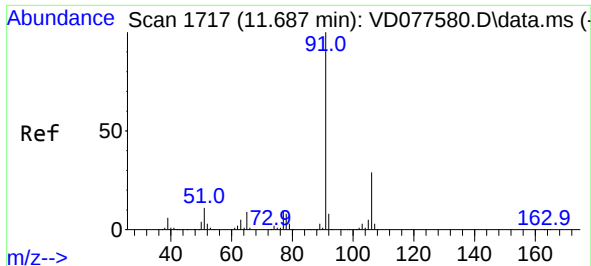
Tgt Ion:107 Resp: 70776
Ion Ratio Lower Upper
107 100
109 87.8 64.8 120.3
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 23.155 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:112 Resp: 266627
Ion Ratio Lower Upper
112 100
114 30.5 22.4 41.6
77 60.3 49.6 74.4

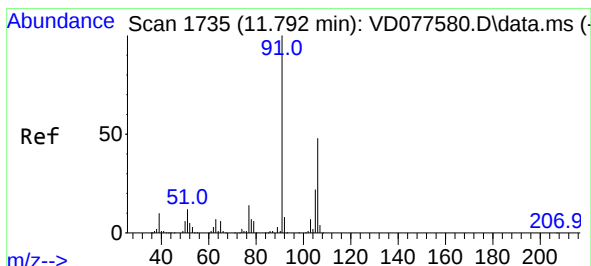
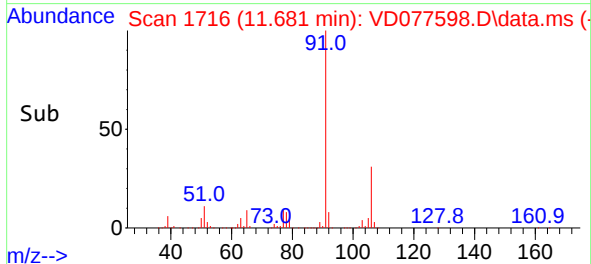
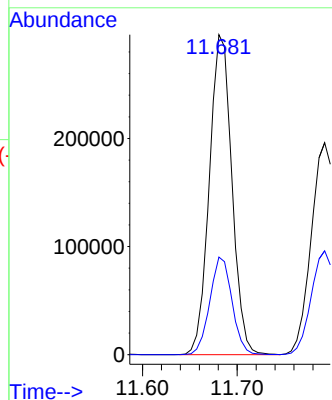
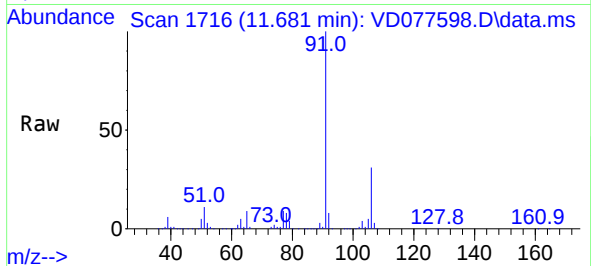




#52
Ethylbenzene
Concen: 22.636 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

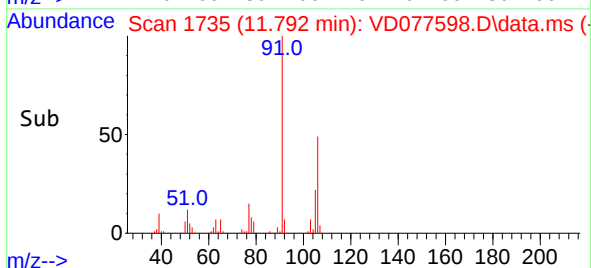
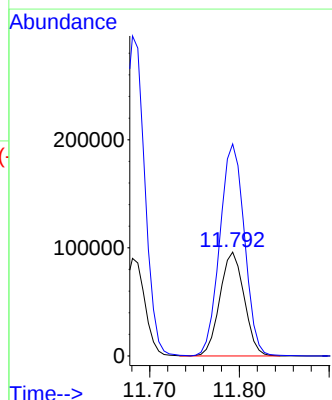
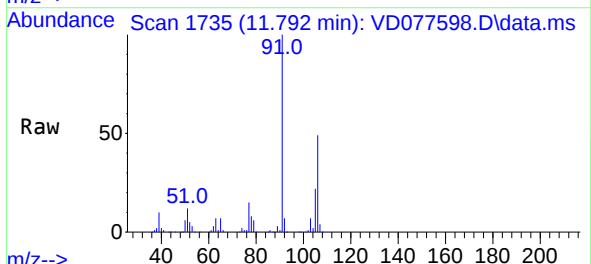
Instrument :
MSVOA_D
ClientSampleId :

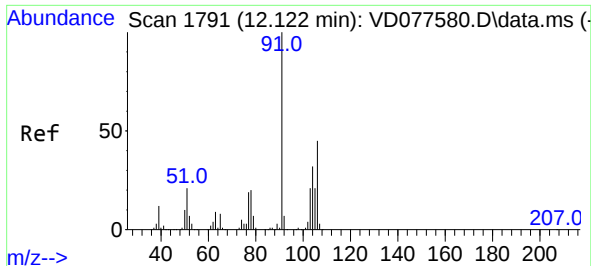
Tgt Ion: 91 Resp: 489553
Ion Ratio Lower Upper
91 100
106 30.5 22.0 40.8



#53
m,p-Xylene
Concen: 22.963 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:106 Resp: 180716
Ion Ratio Lower Upper
106 100
91 204.3 146.7 272.4

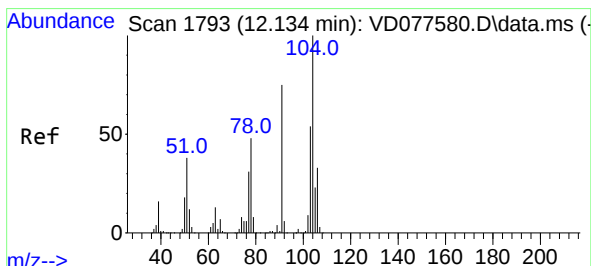
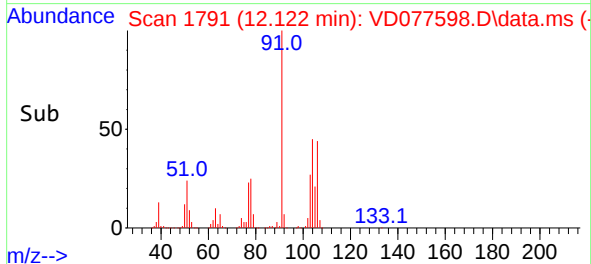
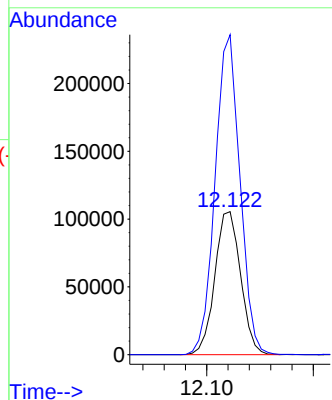
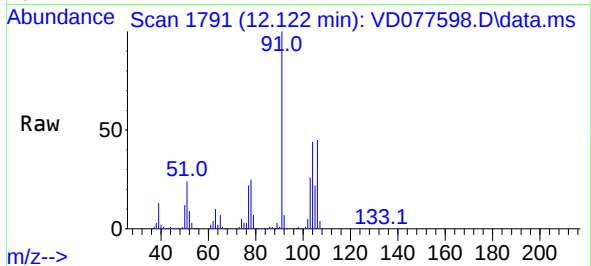




#54
o-Xylene
Concen: 23.487 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

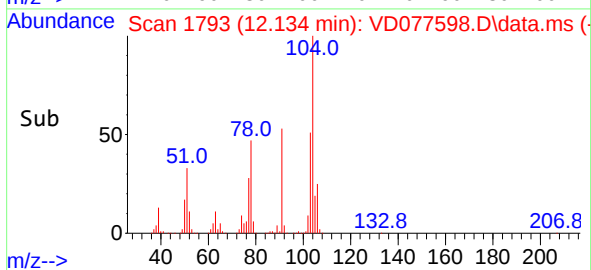
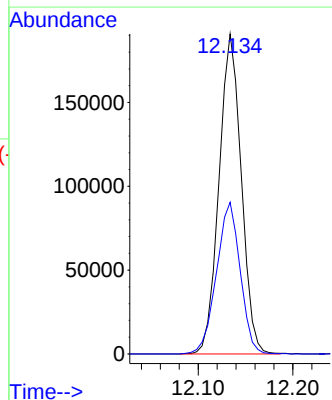
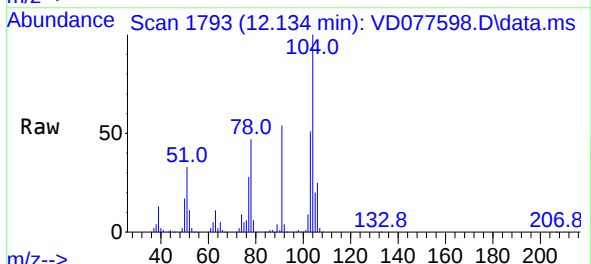
Instrument :
MSVOA_D
ClientSampleId :

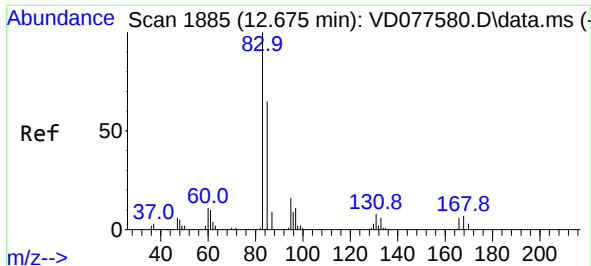
Tgt Ion:106 Resp: 177034
Ion Ratio Lower Upper
106 100
91 223.8 158.5 294.4



#55
Styrene
Concen: 23.678 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:104 Resp: 311614
Ion Ratio Lower Upper
104 100
78 47.4 34.9 64.9

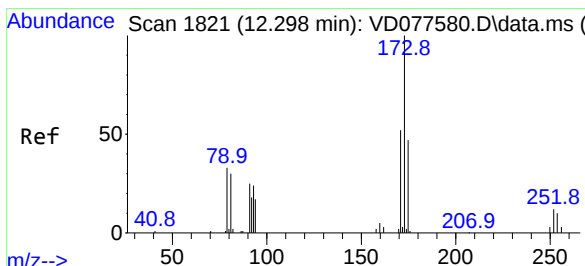
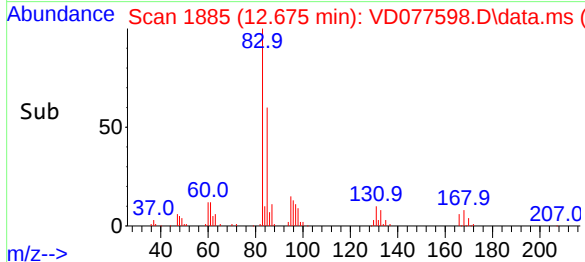
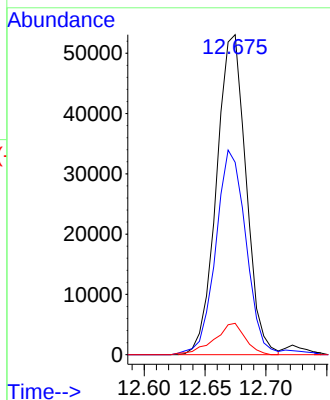
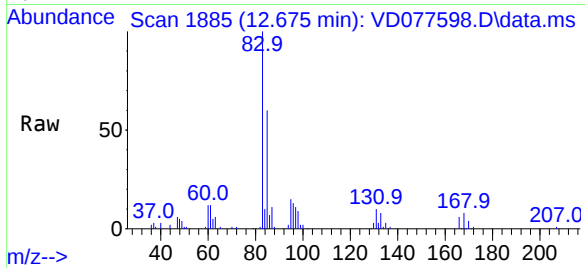




#57
1,1,2,2-Tetrachloroethane
Concen: 23.908 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

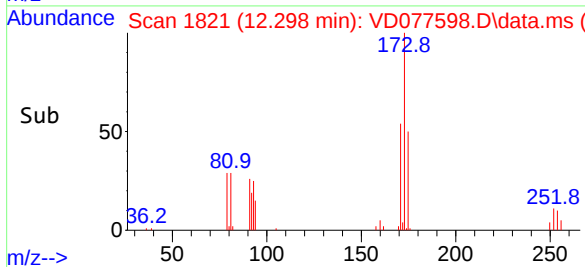
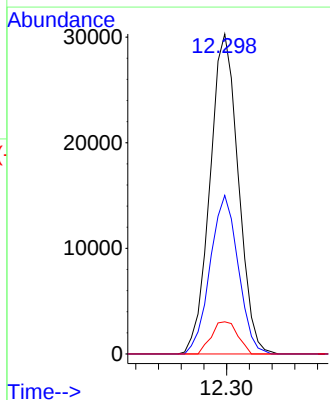
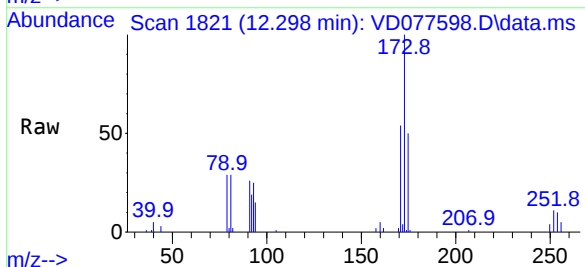
Instrument :
MSVOA_D
ClientSampleId :

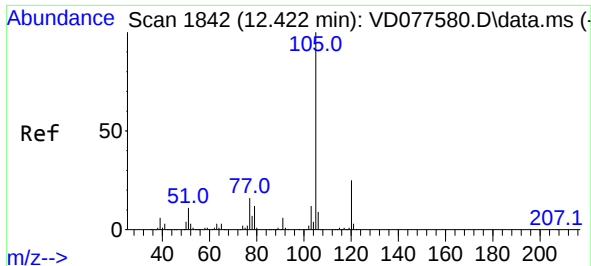
Tgt Ion: 83 Resp: 89598
Ion Ratio Lower Upper
83 100
85 60.1 44.9 83.3
131 9.8 7.2 10.8



#59
Bromoform
Concen: 22.206 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

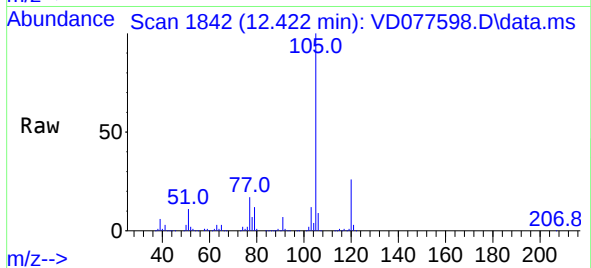
Tgt Ion: 173 Resp: 52472
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 9.3 7.1 10.7



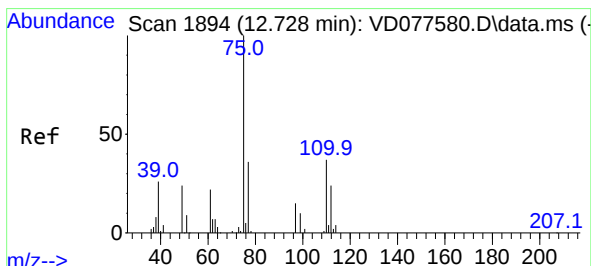
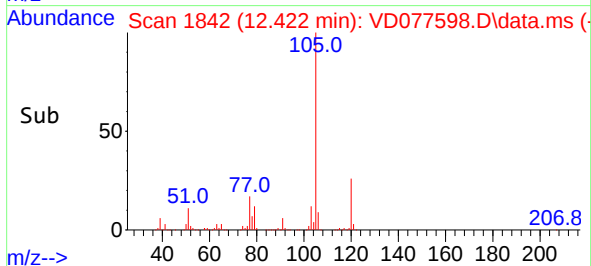
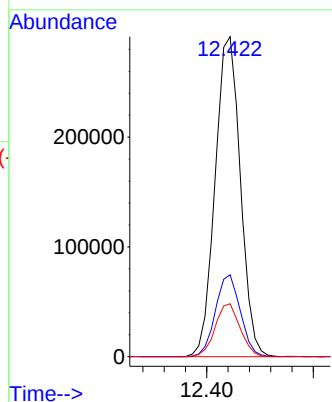


#60
Isopropylbenzene
Concen: 21.387 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

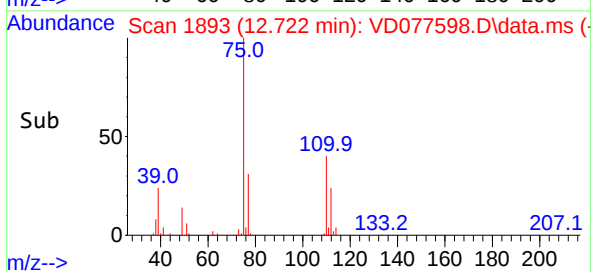
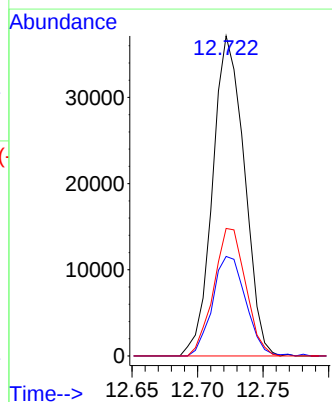
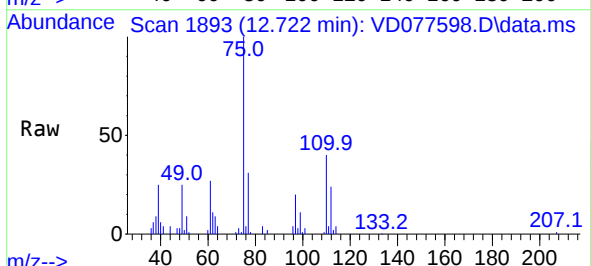


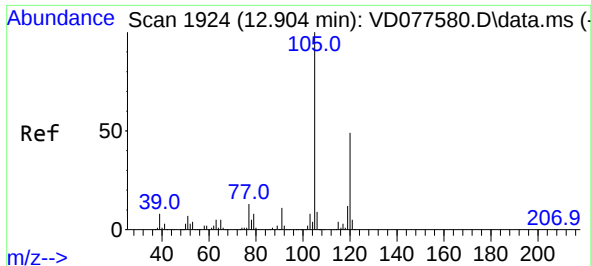
Tgt Ion:105 Resp: 479468
Ion Ratio Lower Upper
105 100
120 25.3 21.0 31.4
77 16.4 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 21.152 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion: 75 Resp: 62445
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
110 40.3 29.6 44.4

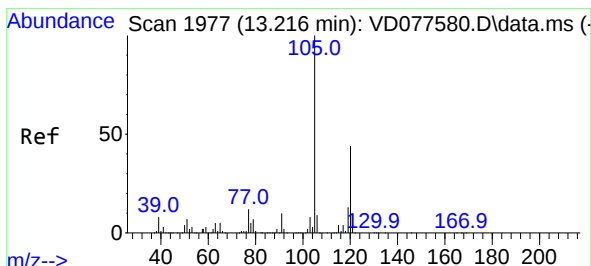
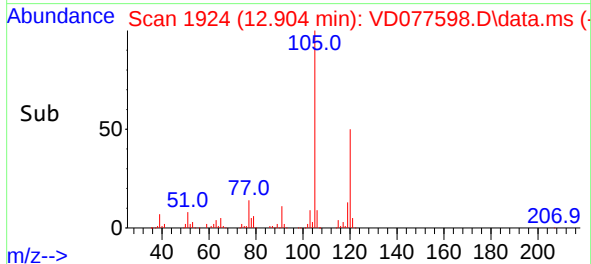
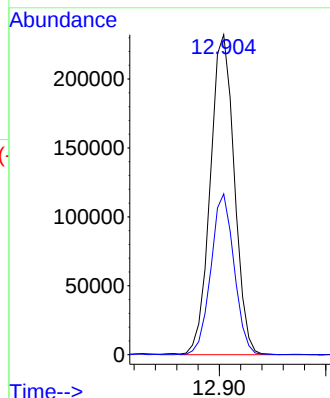
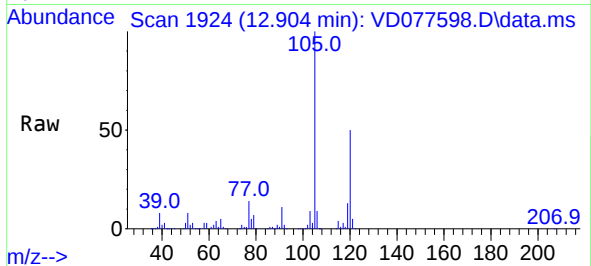




#62
1,3,5-Trimethylbenzene
Concen: 21.355 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

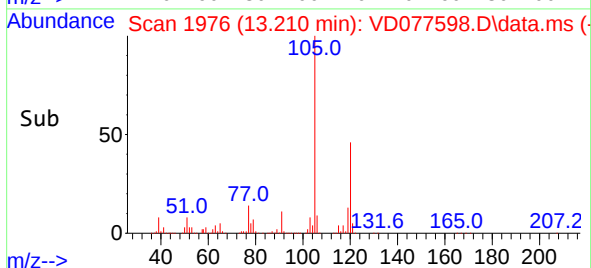
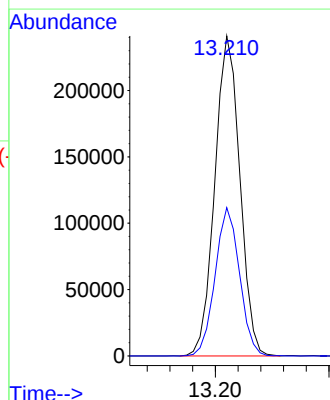
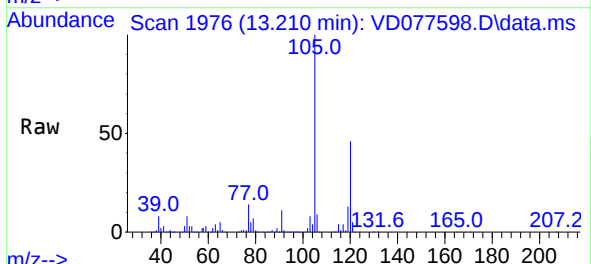
Instrument :
MSVOA_D
ClientSampleId :

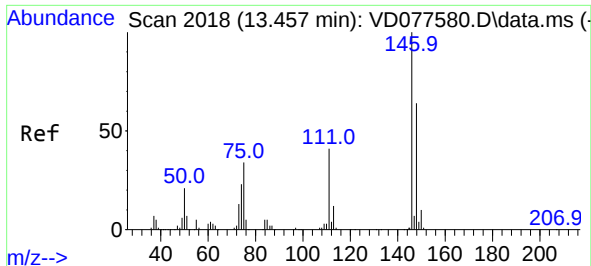
Tgt Ion:105 Resp: 363339
Ion Ratio Lower Upper
105 100
120 48.5 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 21.421 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

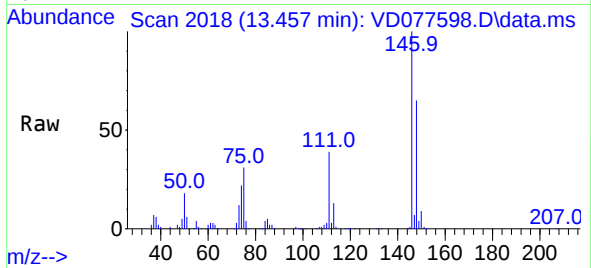
Tgt Ion:105 Resp: 369183
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4



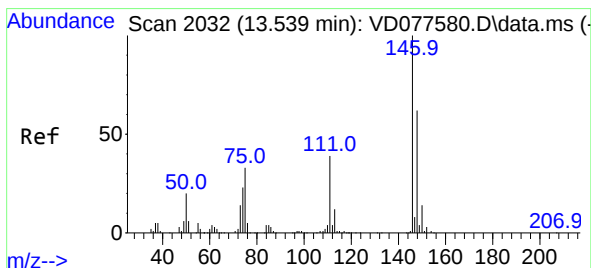
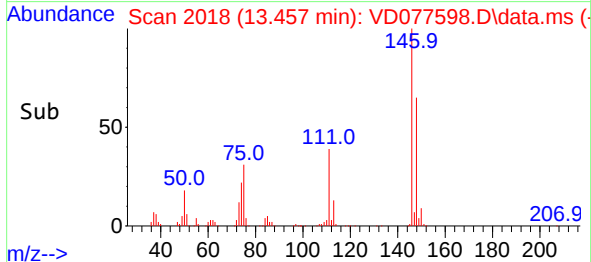
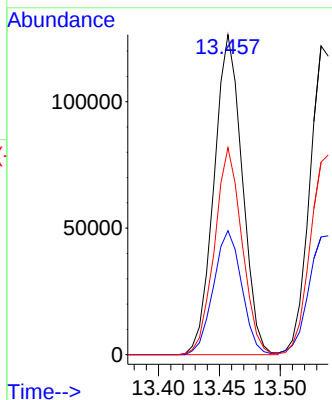


#64
1,3-Dichlorobenzene
Concen: 22.170 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

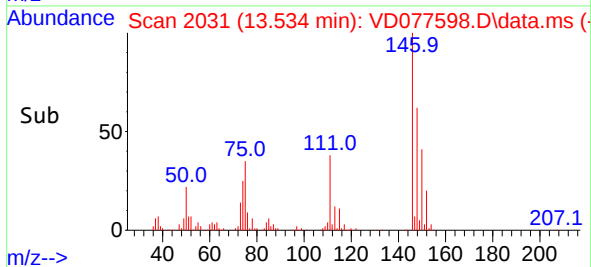
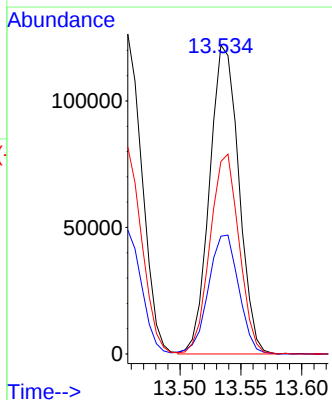
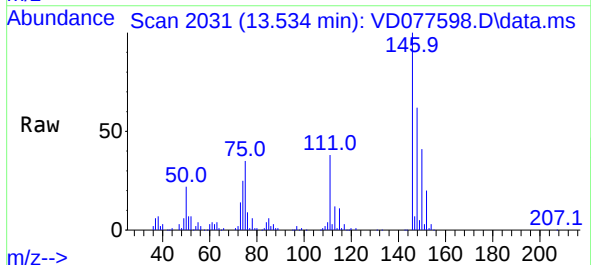


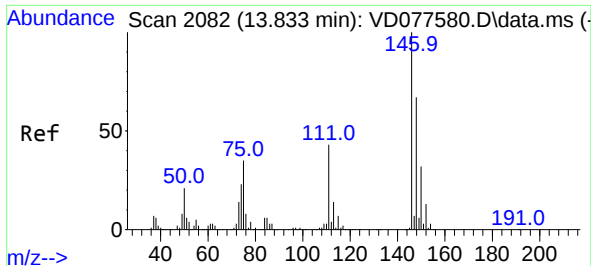
Tgt Ion:146 Resp: 203901
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 64.7 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 22.022 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:146 Resp: 204405
Ion Ratio Lower Upper
146 100
111 38.1 25.6 47.4
148 62.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 22.329 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077598.D

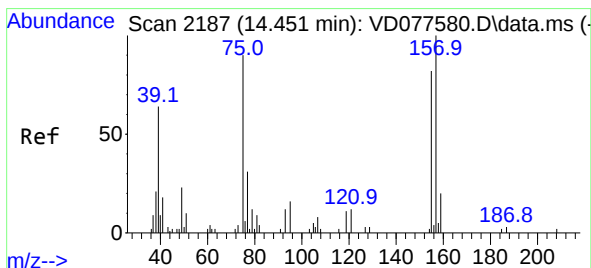
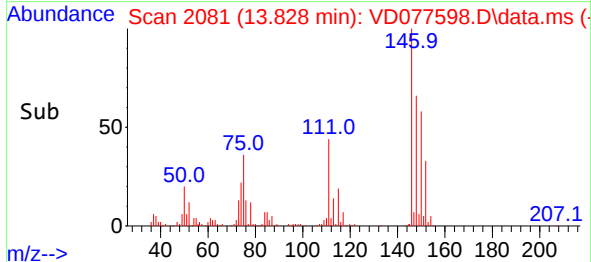
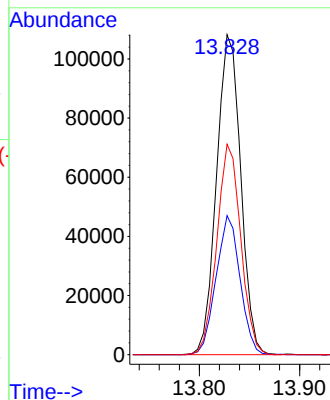
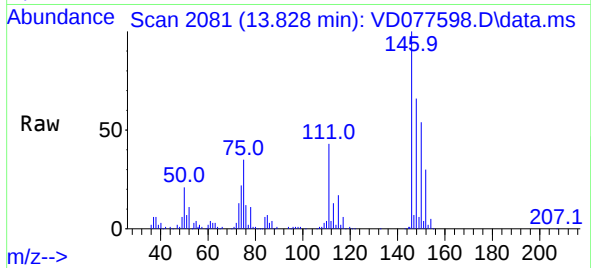
Acq: 16 Nov 2023 18:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	181558
Ion	Ratio	Lower	Upper
146	100		
111	43.5	33.8	50.6
148	65.8	54.3	81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.332 ug/L

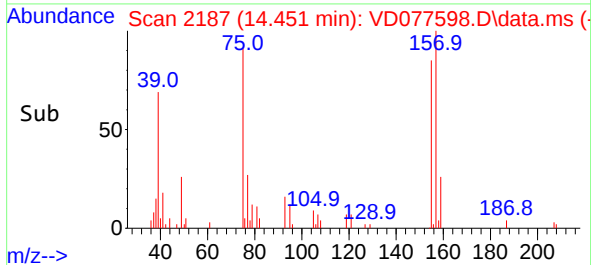
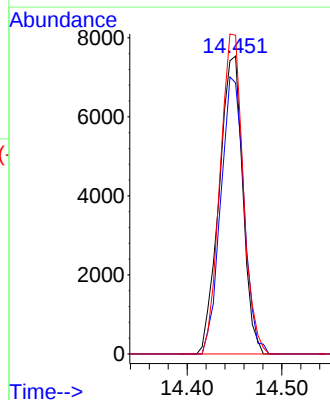
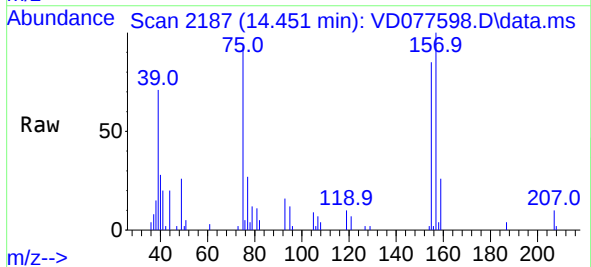
RT: 14.451 min Scan# 2187

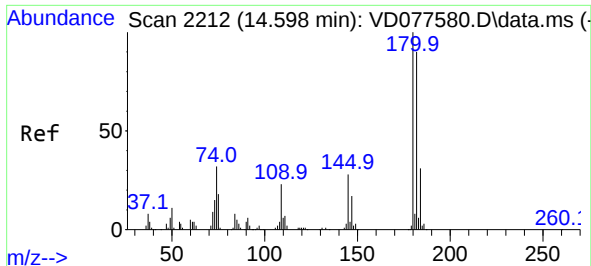
Delta R.T. -0.000 min

Lab File: VD077598.D

Acq: 16 Nov 2023 18:25

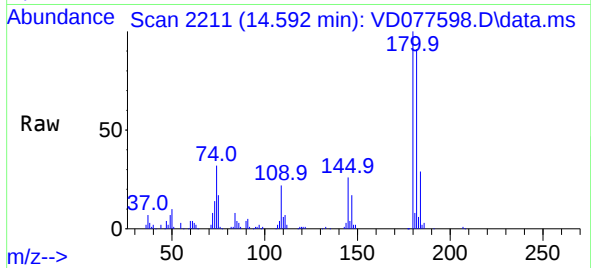
Tgt Ion:	75	Resp:	13056
Ion	Ratio	Lower	Upper
75	100		
155	91.0	58.2	87.2#
157	107.0	68.7	103.1#



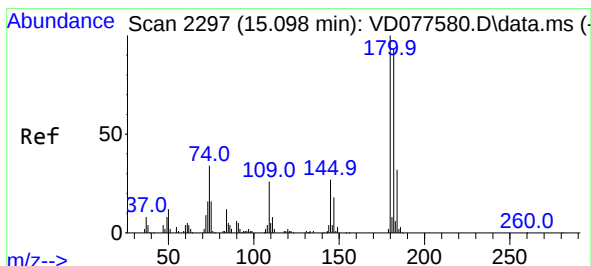
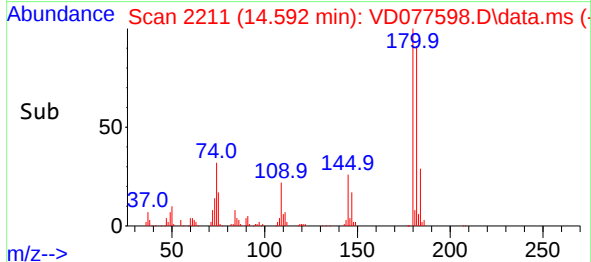
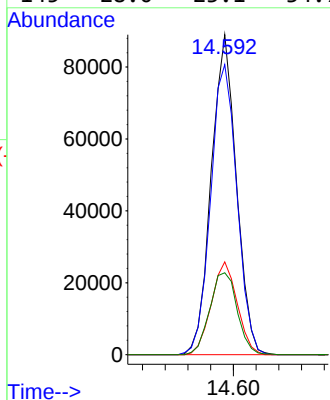


#69
 1,3,5-Trichlorobenzene
 Concen: 21.831 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077598.D
 Acq: 16 Nov 2023 18:25

Instrument :
 MSVOA_D
 ClientSampleId :

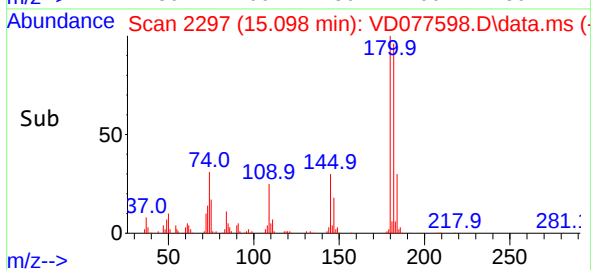
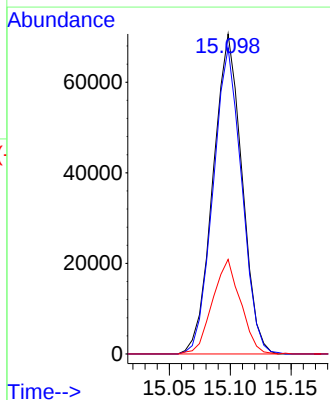
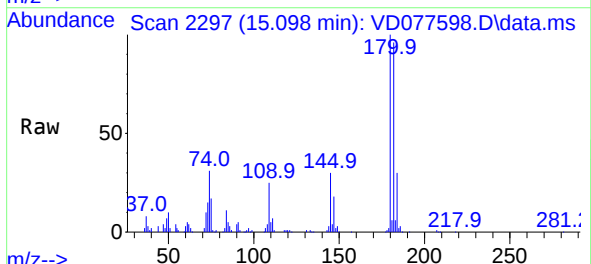


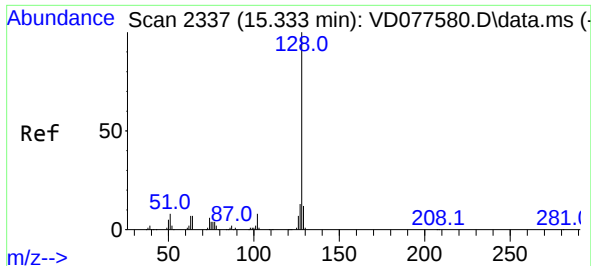
Tgt Ion:	180	Resp:	136712
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
184	30.0	24.0	36.0
145	28.0	23.1	34.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.113 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD077598.D
 Acq: 16 Nov 2023 18:25

Tgt Ion:	180	Resp:	116710
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	28.6	24.1	36.1

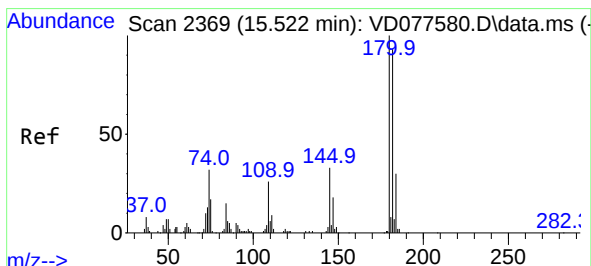
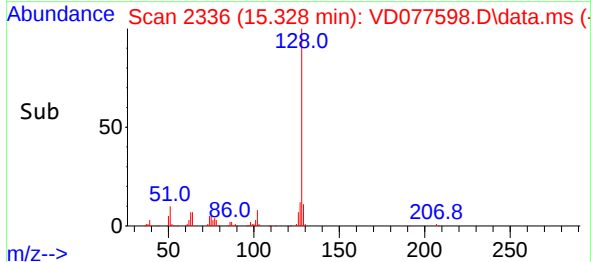
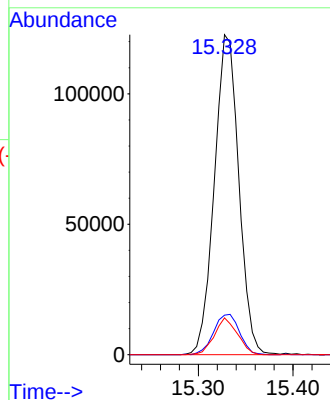
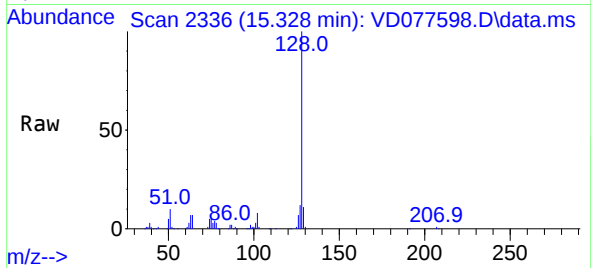




#71
Naphthalene
Concen: 22.120 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 220020
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 22.346 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077598.D
Acq: 16 Nov 2023 18:25

Tgt Ion:180 Resp: 100561
Ion Ratio Lower Upper
180 100
182 98.8 76.8 115.2
145 31.5 26.0 39.0

