

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080423\
 Data File : VD076921.D
 Acq On : 04 Aug 2023 11:29
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025175

Quant Time: Aug 05 00:16:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	284167	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	287872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	148021	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	154544	19.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
7) Chloroethane-d5	2.799	69	151288	20.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	3.911	65	37957	20.499	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.000%
21) 2-Butanone-d5	6.987	46	67245	53.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.200%
24) Chloroform-d	7.563	84	211508	22.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.440%
26) 1,2-Dichloroethane-d4	8.228	65	109445	23.726	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.199	84	413079	22.823	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.210	67	126023	22.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	10.269	98	389277	23.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.522	79	55658	22.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.480%
47) 2-Hexanone-d5	10.875	63	59140	55.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	133720	24.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	128378	23.723	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99570	21.140	ug/L	99
3) Chloromethane	2.146	50	141917	23.225	ug/L	99
5) Vinyl chloride	2.281	62	193254	22.116	ug/L	92
6) Bromomethane	2.693	94	142209	21.802	ug/L	99
8) Chloroethane	2.834	64	136646	23.229	ug/L	98
9) Trichlorofluoromethane	3.169	101	162579	22.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	108868	23.092	ug/L	95
12) 1,1-Dichloroethene	3.940	96	94388	22.579	ug/L	78
13) Acetone	4.016	43	82017	63.926	ug/L	76
14) Carbon disulfide	4.269	76	334806	23.075	ug/L	96
15) Methyl Acetate	4.563	43	53057	24.467	ug/L #	79
16) Methylene chloride	4.793	84	135645	22.756	ug/L	75
17) trans-1,2-Dichloroethene	5.310	96	108231	22.866	ug/L	90
18) Methyl tert-butyl Ether	5.322	73	254114	24.301	ug/L	95
19) 1,1-Dichloroethane	6.110	63	180440	22.831	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	121262	22.950	ug/L	88
22) 2-Butanone	7.081	43	95558	53.234	ug/L	86
23) Bromochloromethane	7.428	128	59229	23.111	ug/L #	81
25) Chloroform	7.593	83	200502	23.164	ug/L	100

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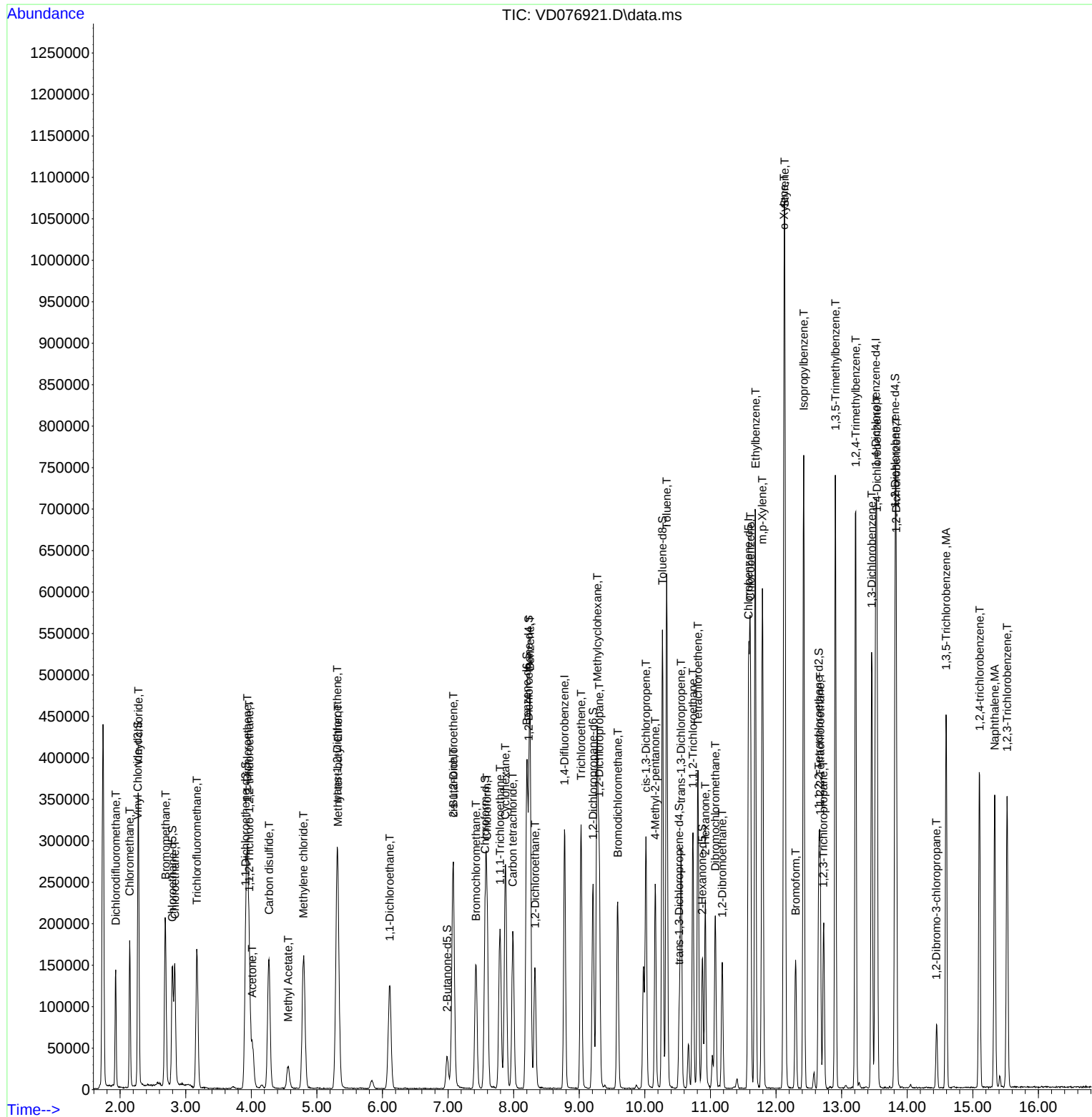
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	126086	23.242	ug/L	96
29) Cyclohexane	7.875	56	148859	23.490	ug/L #	85
30) 1,1,1-Trichloroethane	7.793	97	167425	23.472	ug/L	96
31) Carbon tetrachloride	7.987	117	138728	23.764	ug/L	100
33) Benzene	8.251	78	446335	23.654	ug/L	100
34) Trichloroethene	9.028	95	113151	23.026	ug/L	97
35) Methylcyclohexane	9.275	83	186503	23.273	ug/L	91
37) 1,2-Dichloropropane	9.304	63	115036	23.999	ug/L	98
38) Bromodichloromethane	9.587	83	152860	23.157	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	188273	24.337	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	156208	51.722	ug/L #	90
42) Toluene	10.334	91	490093	23.885	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	163390	24.166	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	101586	23.846	ug/L	95
46) Tetrachloroethene	10.810	164	86730	23.418	ug/L	95
48) 2-Hexanone	10.922	43	132463	57.033	ug/L #	89
49) Dibromochloromethane	11.075	129	111073	23.437	ug/L	92
50) 1,2-Dibromoethane	11.181	107	100782	24.257	ug/L	88
51) Chlorobenzene	11.610	112	309828	23.176	ug/L	97
52) Ethylbenzene	11.687	91	521672	23.859	ug/L	99
53) m,p-Xylene	11.792	106	202855	24.045	ug/L	97
54) o-Xylene	12.122	106	193560	23.855	ug/L	99
55) Styrene	12.134	104	358368	24.428	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	127583	24.214	ug/L	99
59) Bromoform	12.298	173	69705	23.745	ug/L #	99
60) Isopropylbenzene	12.422	105	511780	24.041	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	85354	24.707	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	398713	24.586	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	388640	24.080	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	228441	23.513	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	233035	23.205	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	211479	23.219	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	19277	24.353	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	144251	23.726	ug/L	96
70) 1,2,4-trichlorobenzene	15.104	180	122953	22.990	ug/L	97
71) Naphthalene	15.333	128	306057	24.338	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	117850	24.298	ug/L	100

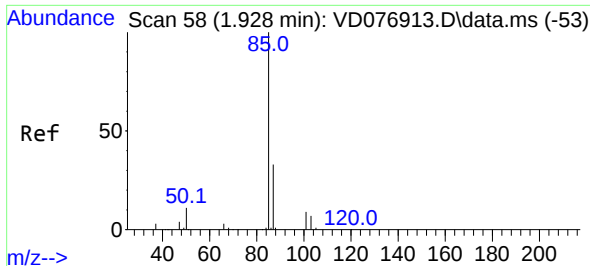
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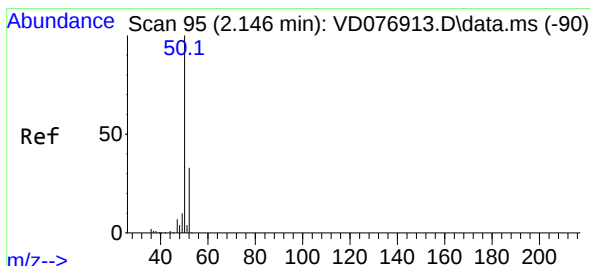
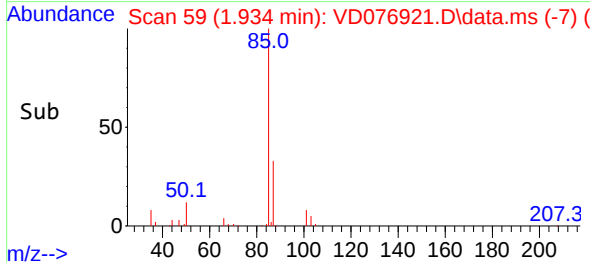
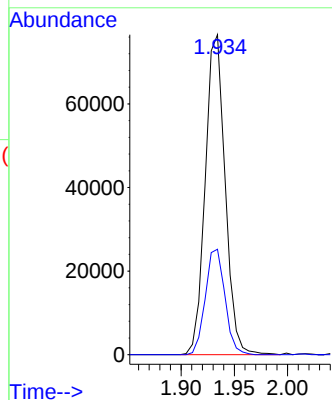
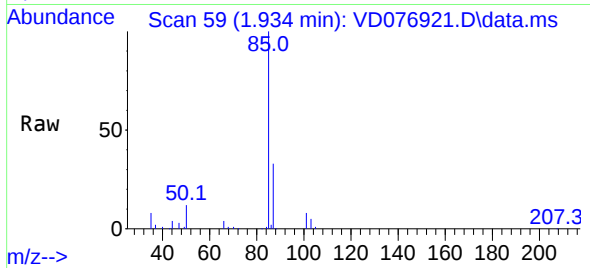




#2
Dichlorodifluoromethane
Concen: 21.140 ug/L
RT: 1.934 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

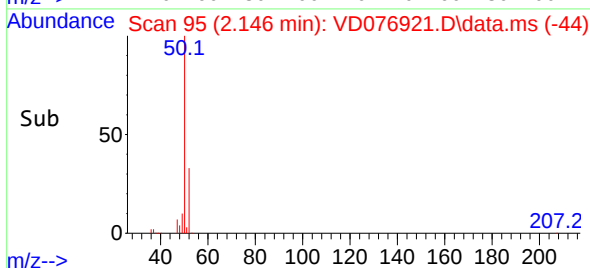
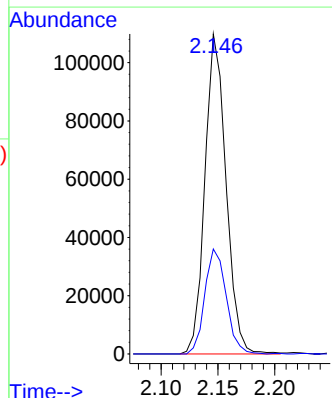
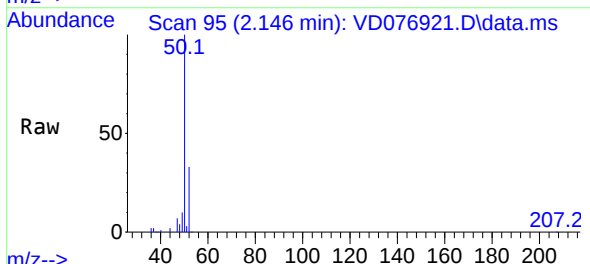
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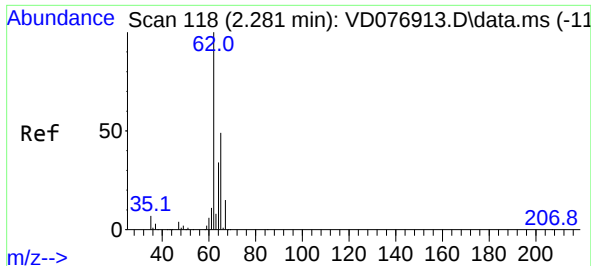
Tgt Ion: 85 Resp: 99570
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 23.225 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 50 Resp: 141917
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

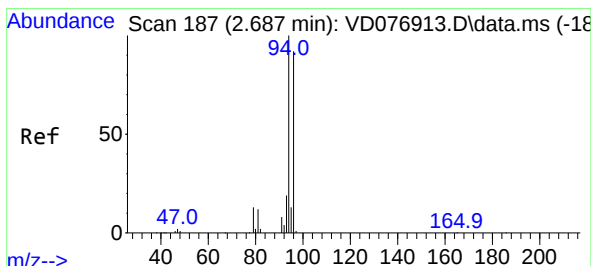
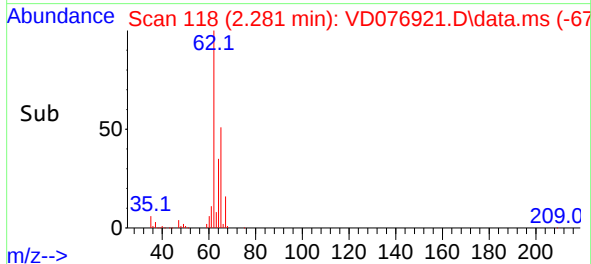
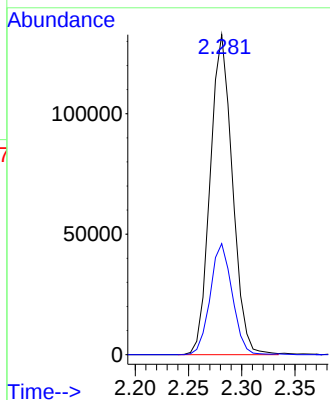
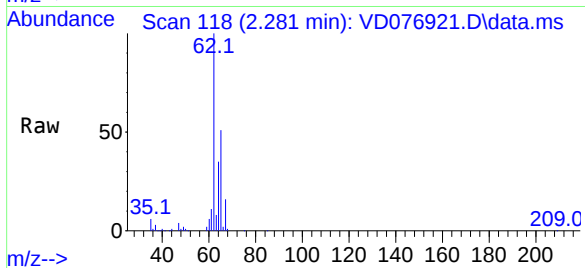




#5
 Vinyl chloride
 Concen: 22.116 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076921.D
 Acq: 04 Aug 2023 11:29

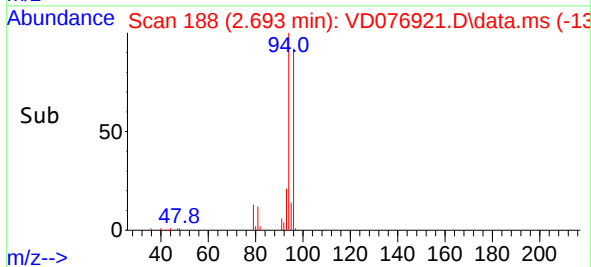
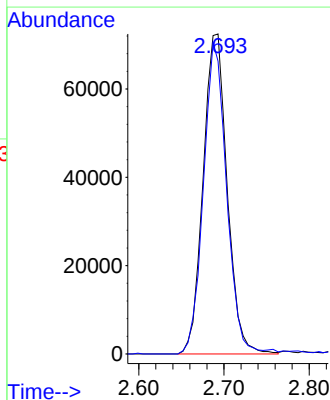
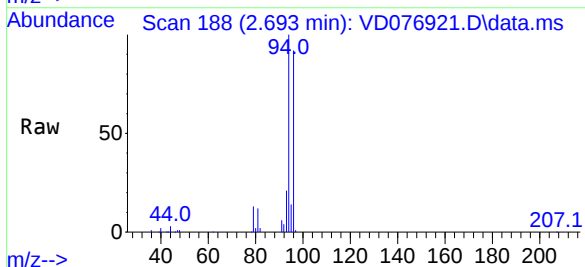
Instrument :
 MSVOA_D
 ClientSampleId :
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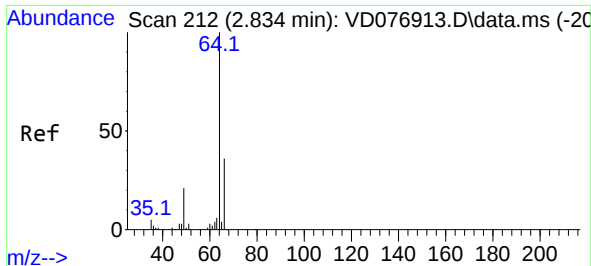
Tgt Ion: 62 Resp: 193254
 Ion Ratio Lower Upper
 62 100
 64 34.7 21.1 39.1



#6
 Bromomethane
 Concen: 21.802 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD076921.D
 Acq: 04 Aug 2023 11:29

Tgt Ion: 94 Resp: 142209
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.7 120.1

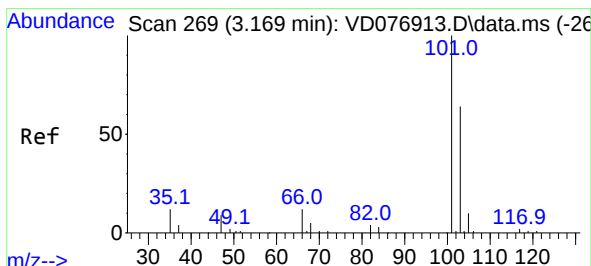
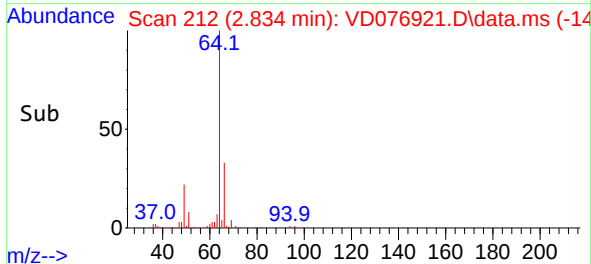
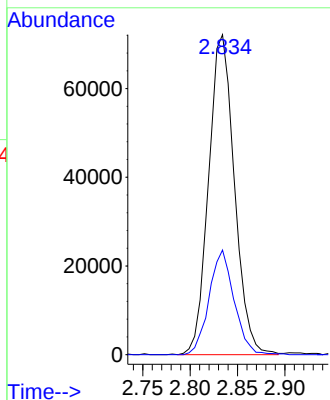
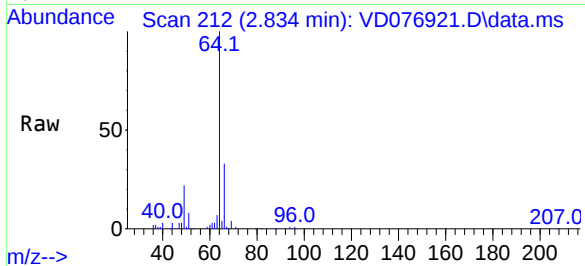




#8
Chloroethane
Concen: 23.229 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

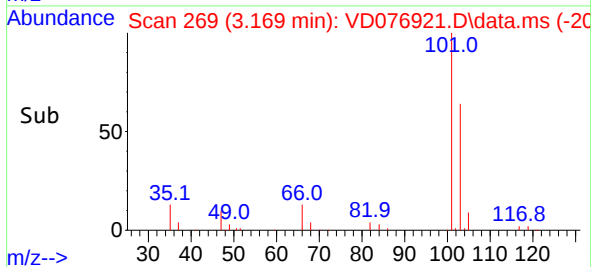
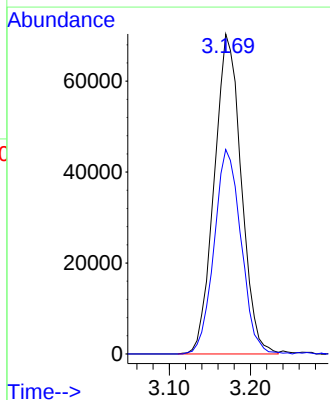
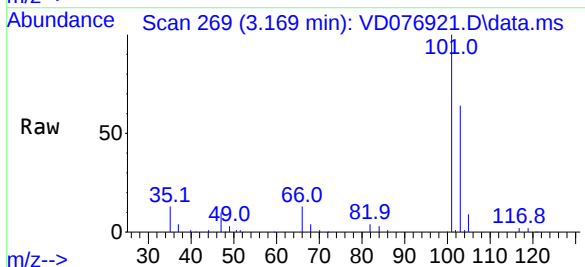
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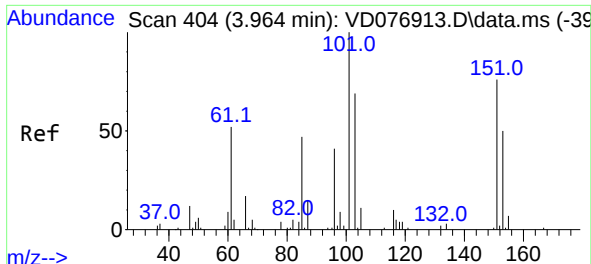
Tgt Ion: 64 Resp: 136646
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 22.471 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:101 Resp: 162579
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

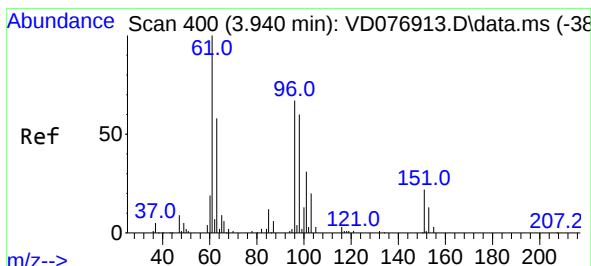
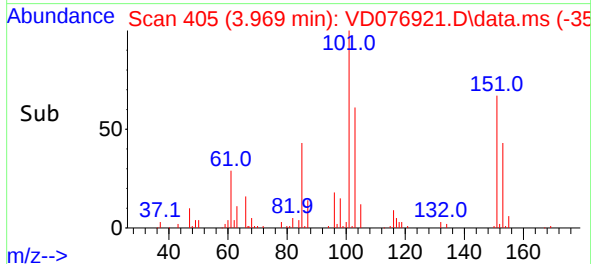
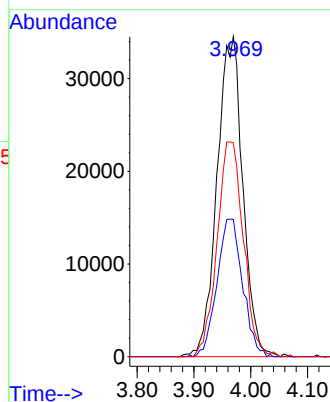
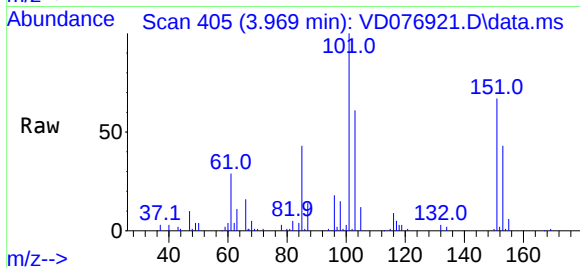




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.092 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

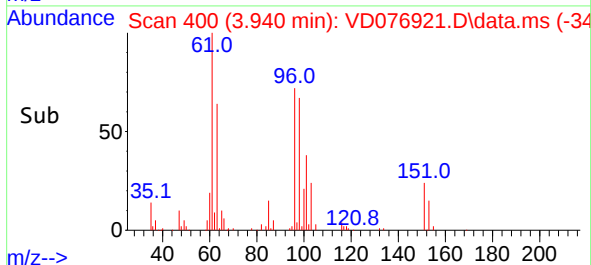
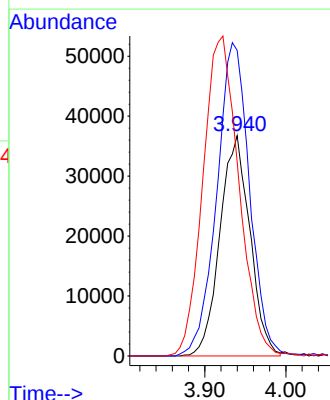
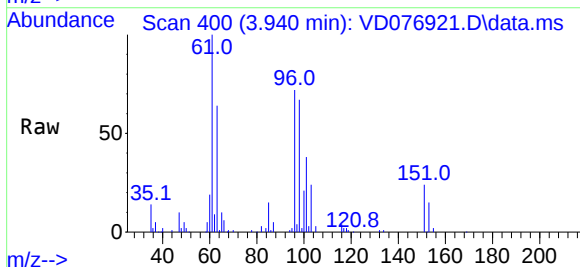
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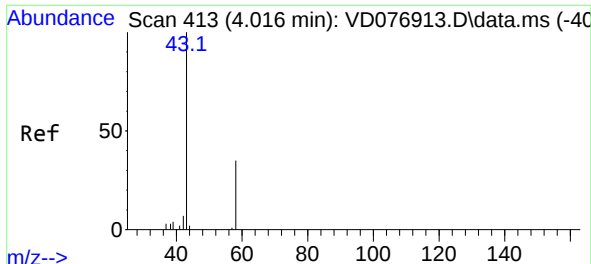
Tgt Ion:101 Resp: 108868
Ion Ratio Lower Upper
101 100
85 42.6 35.5 53.3
151 68.2 58.6 87.8



#12
1,1-Dichloroethene
Concen: 22.579 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 96 Resp: 94388
Ion Ratio Lower Upper
96 100
61 138.8 113.0 209.8
63 88.2 83.6 155.2

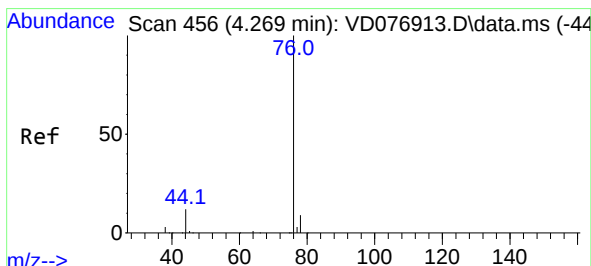
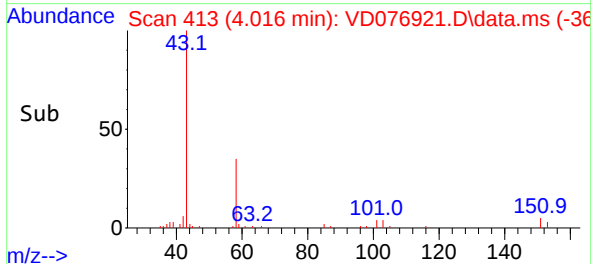
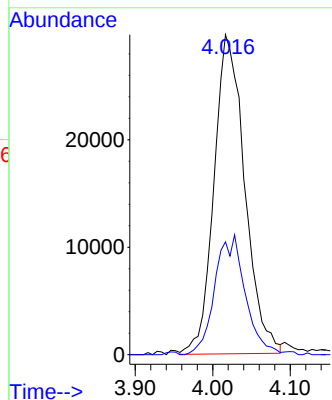
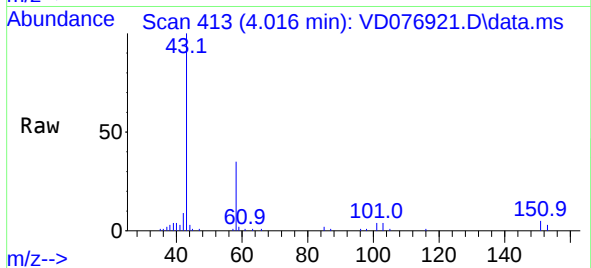




#13
Acetone
Concen: 63.926 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
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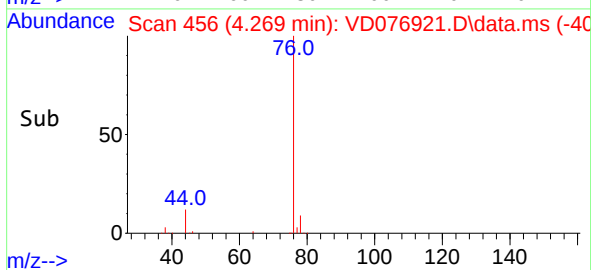
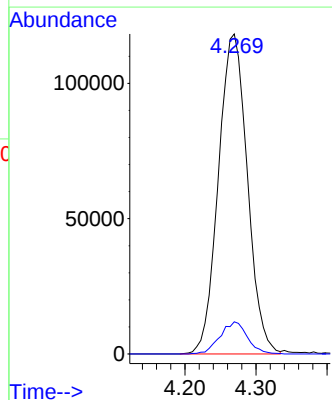
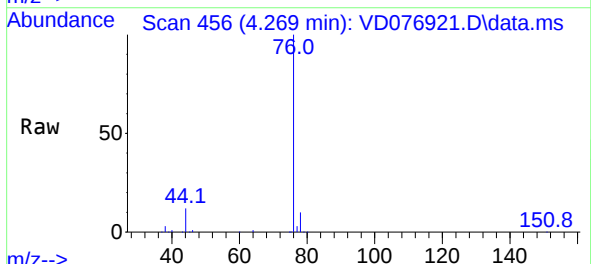
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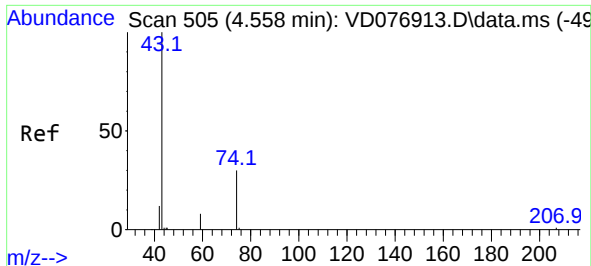
Tgt Ion: 43 Resp: 82017
Ion Ratio Lower Upper
43 100
58 20.2 0.0 67.4



#14
Carbon disulfide
Concen: 23.075 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 76 Resp: 334806
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4

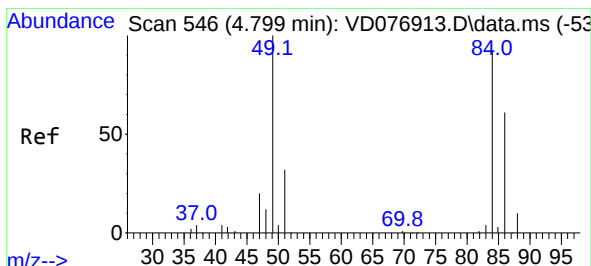
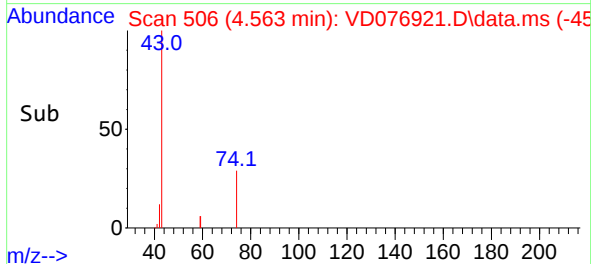
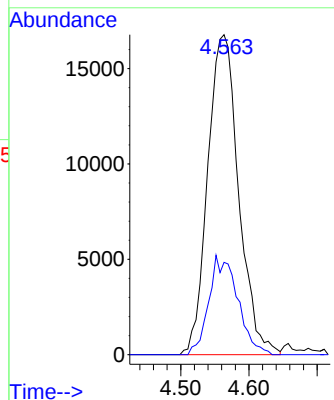
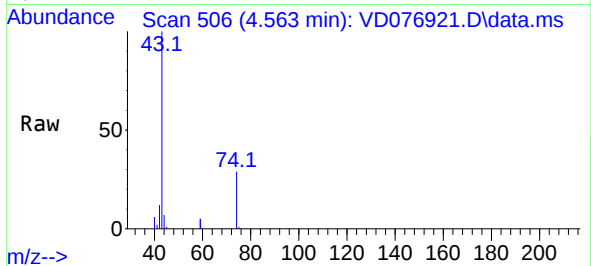




#15
Methyl Acetate
Concen: 24.467 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

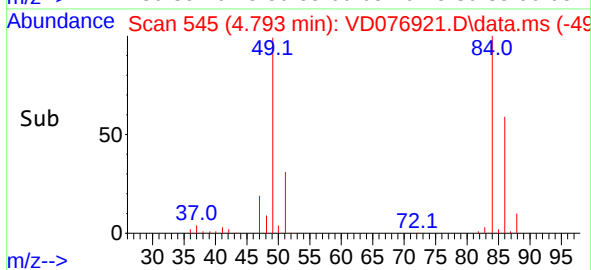
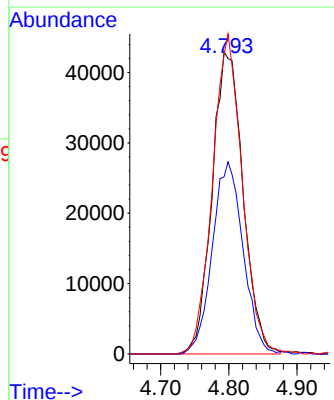
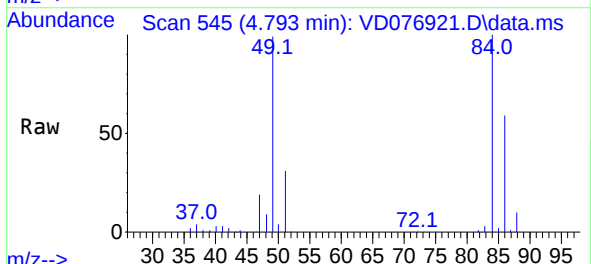
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

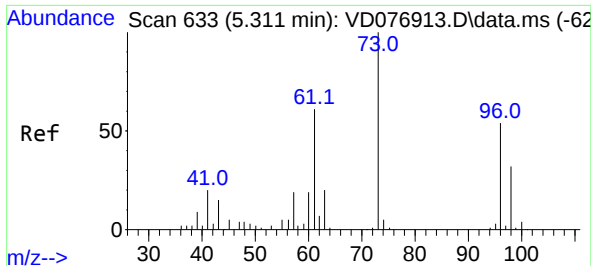
Tgt Ion: 43 Resp: 53057
Ion Ratio Lower Upper
43 100
74 12.7 18.2 27.2#



#16
Methylene chloride
Concen: 22.756 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 84 Resp: 135645
Ion Ratio Lower Upper
84 100
86 58.6 45.1 83.9
49 98.8 97.2 180.6





#17

trans-1,2-Dichloroethene

Concen: 22.866 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076921.D

Acq: 04 Aug 2023 11:29

Instrument :

MSVOA_D

ClientSampleId :

VSTD025175

Tgt Ion: 96 Resp: 108231

Ion Ratio Lower Upper

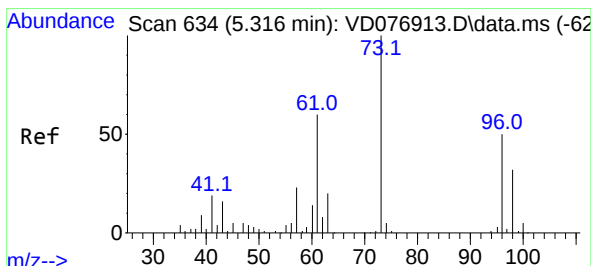
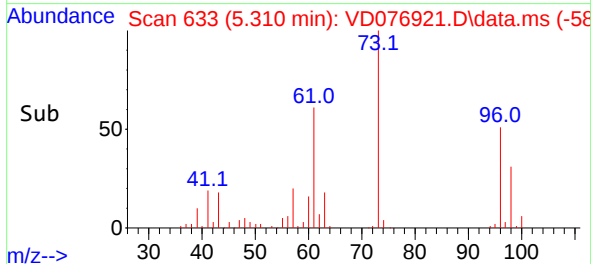
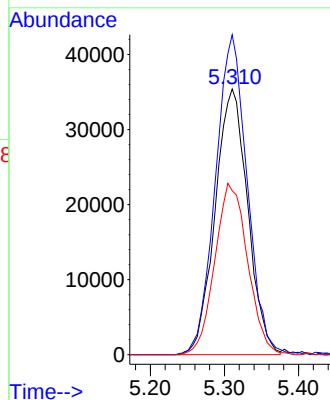
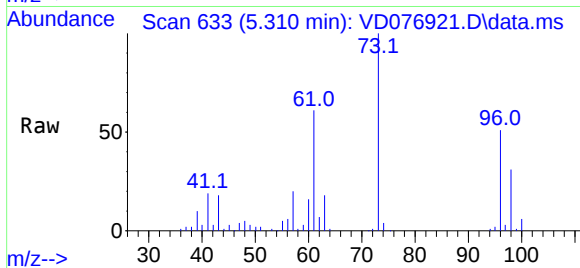
96 100

61 120.4

98 61.7

94.5 175.5

46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 24.301 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD076921.D

Acq: 04 Aug 2023 11:29

Tgt Ion: 73 Resp: 254114

Ion Ratio Lower Upper

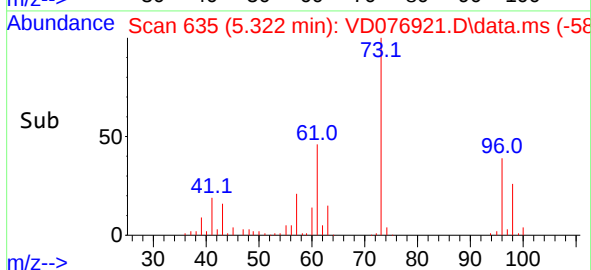
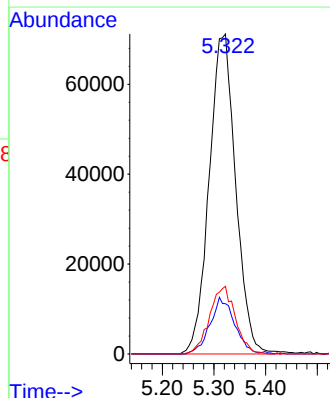
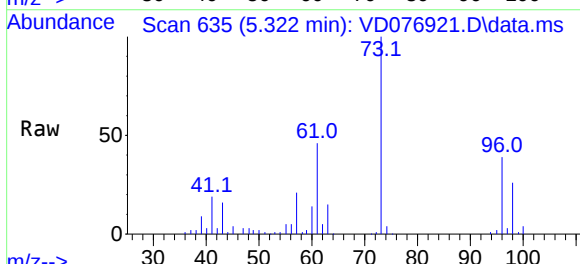
73 100

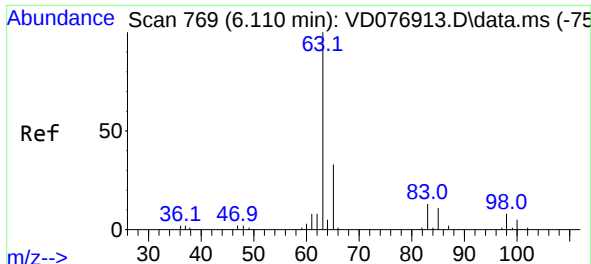
43 10.4

57 20.5

7.2 10.8

18.6 28.0



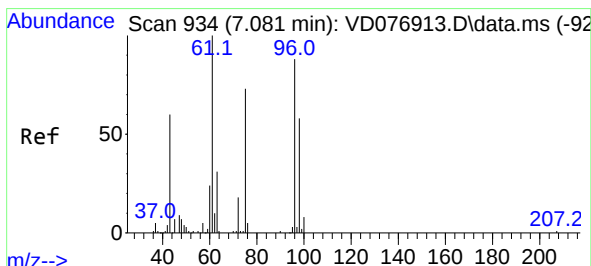
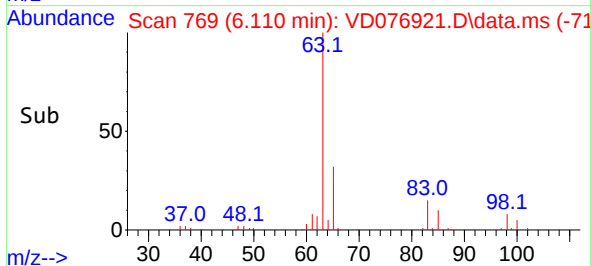
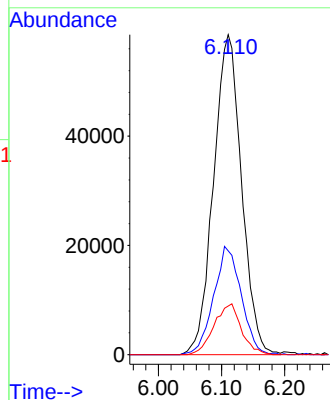
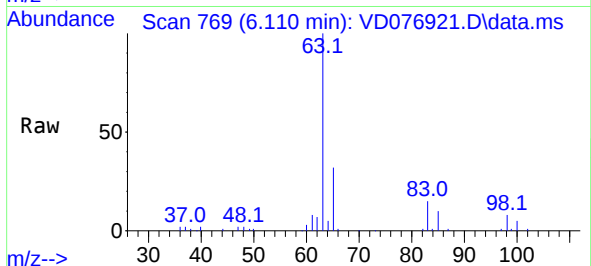


#19
1,1-Dichloroethane
Concen: 22.831 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

Tgt Ion: 63 Resp: 180440

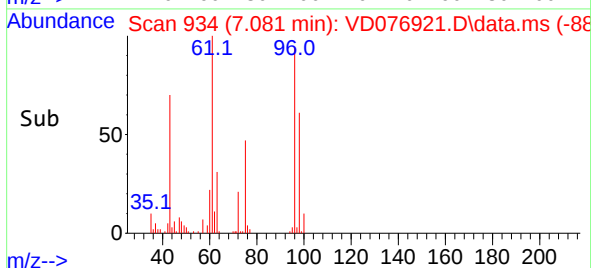
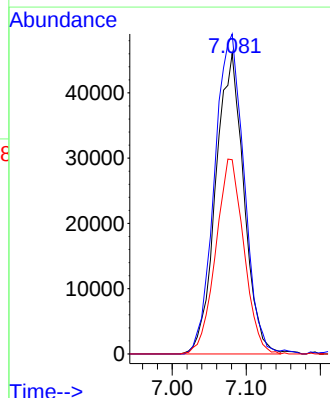
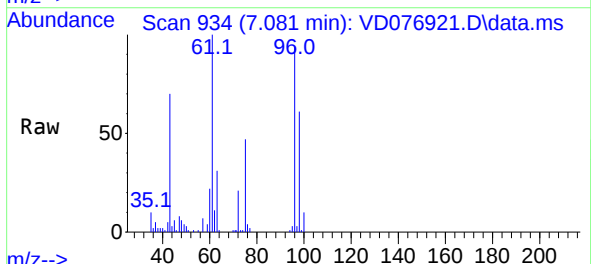
Ion	Ratio	Lower	Upper
63	100		
65	32.4	20.8	38.6
83	15.2	8.9	16.5

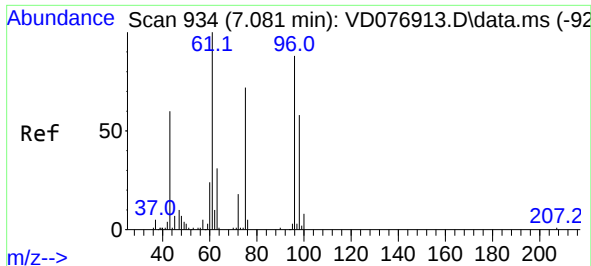


#20
cis-1,2-Dichloroethene
Concen: 22.950 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 96 Resp: 121262

Ion	Ratio	Lower	Upper
96	100		
61	106.5	86.0	159.6
98	64.6	42.2	78.4

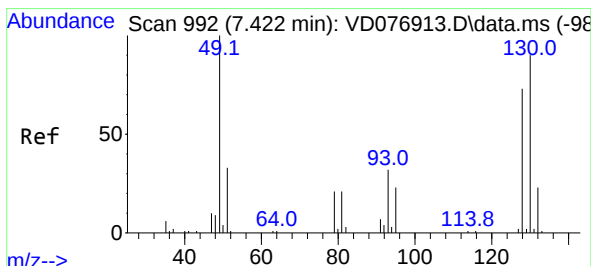
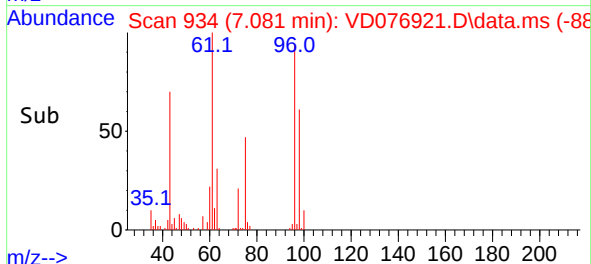
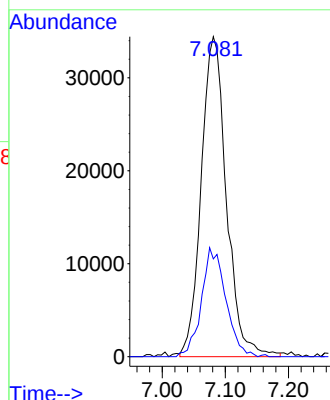
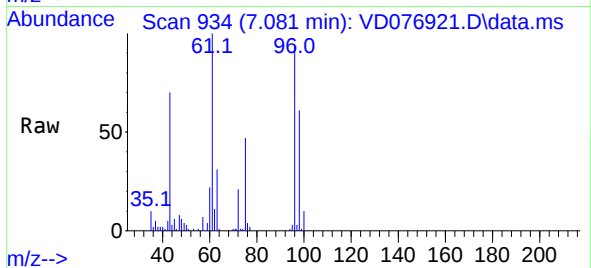




#22
2-Butanone
Concen: 53.234 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

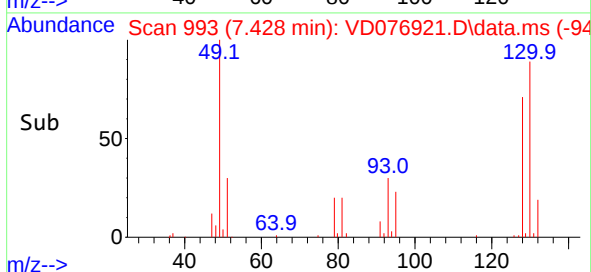
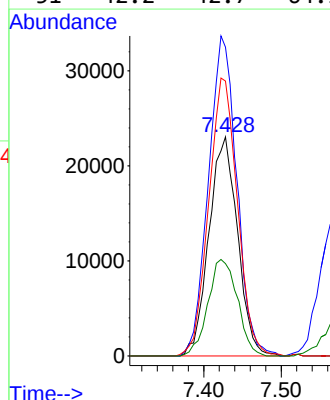
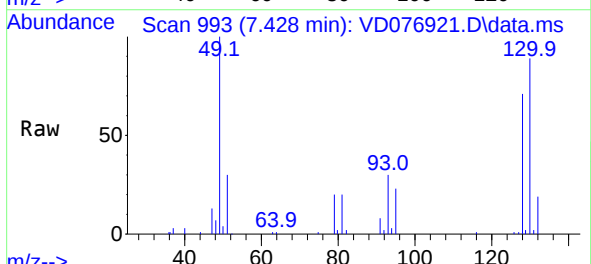
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

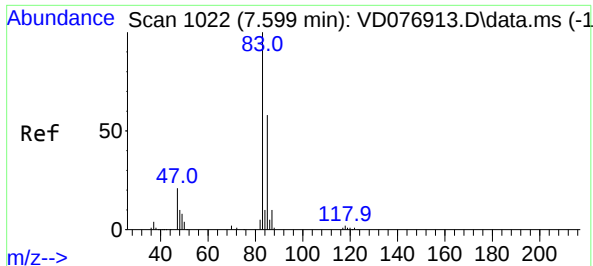
Tgt Ion: 43 Resp: 95558
Ion Ratio Lower Upper
43 100
72 32.8 12.9 38.7



#23
Bromochloromethane
Concen: 23.111 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:128 Resp: 59229
Ion Ratio Lower Upper
128 100
49 141.0 124.7 231.7
130 125.5 80.0 148.6
51 42.2 42.7 64.1#

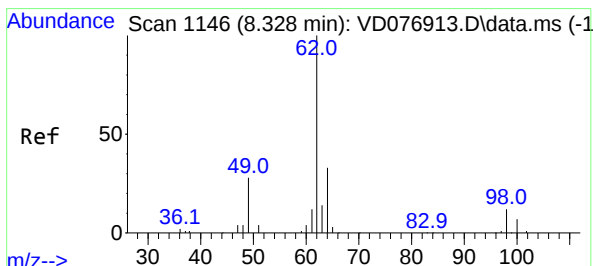
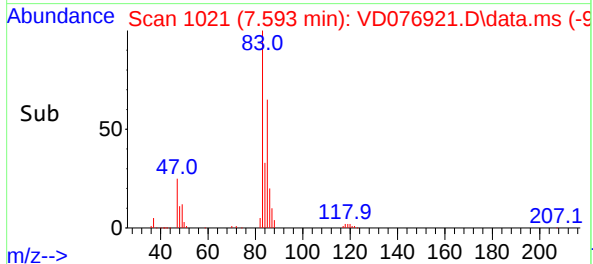
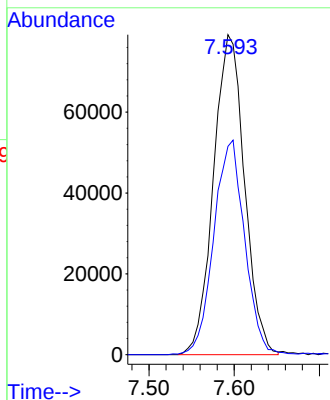
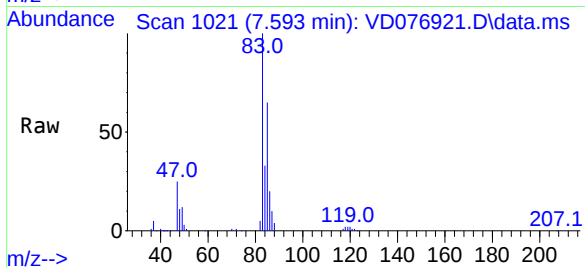




#25
Chloroform
Concen: 23.164 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

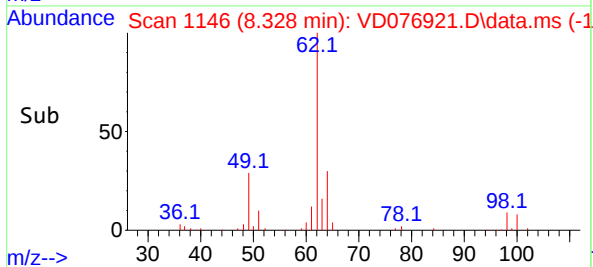
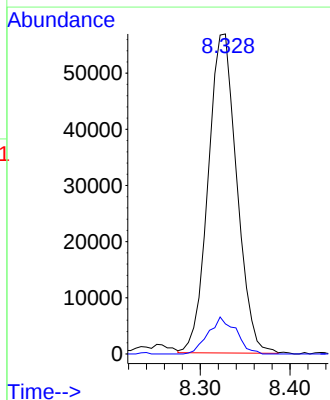
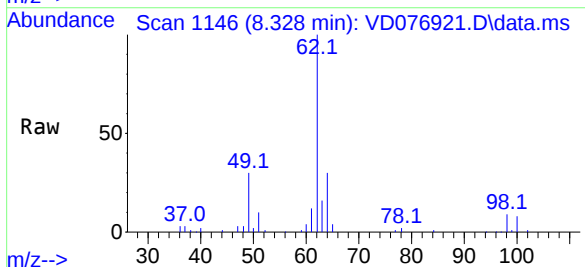
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

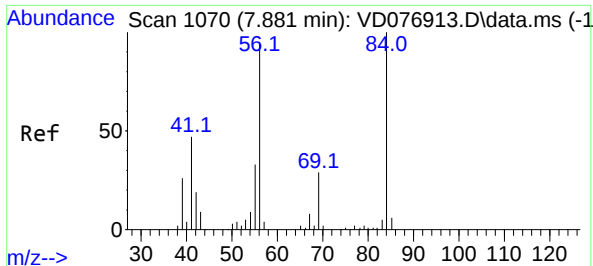
Tgt Ion: 83 Resp: 200502
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.4



#27
1,2-Dichloroethane
Concen: 23.242 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 62 Resp: 126086
Ion Ratio Lower Upper
62 100
98 9.4 8.7 13.1

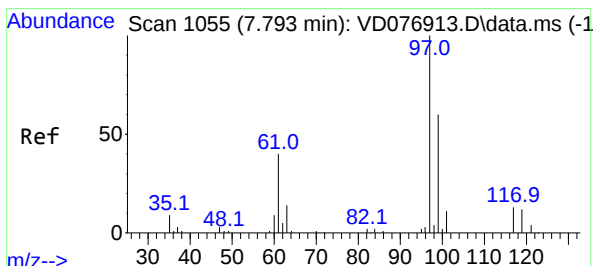
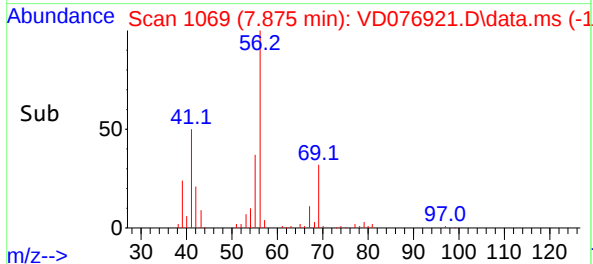
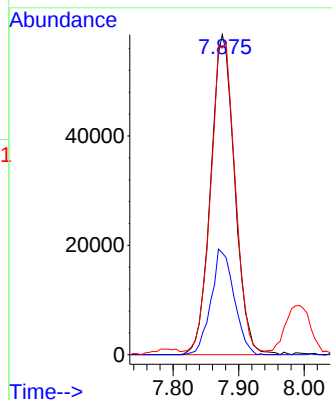
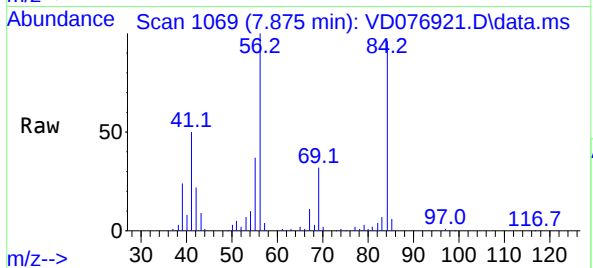




#29
Cyclohexane
Concen: 23.490 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

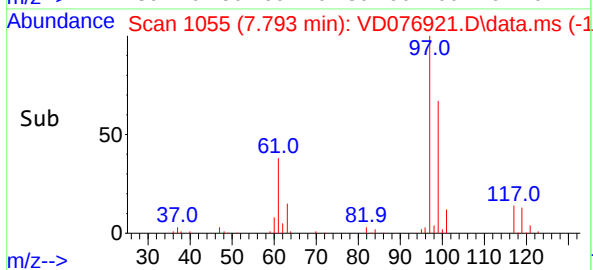
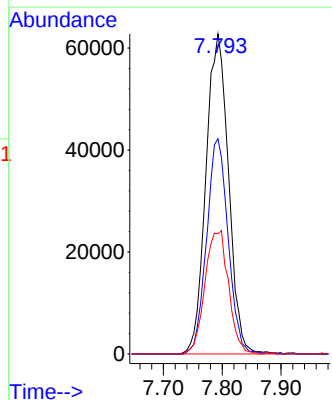
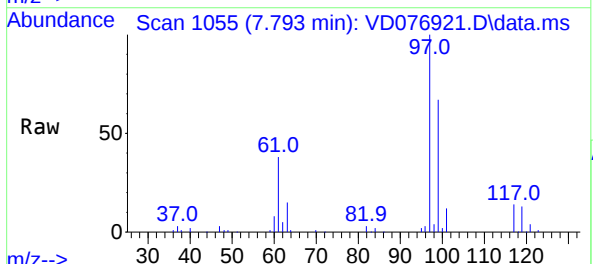
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

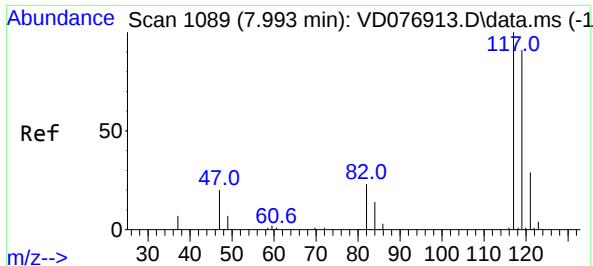
Tgt Ion: 56 Resp: 148859
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.0
84 99.6 66.3 99.5#



#30
1,1,1-Trichloroethane
Concen: 23.472 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 97 Resp: 167425
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 40.1 36.4 54.6

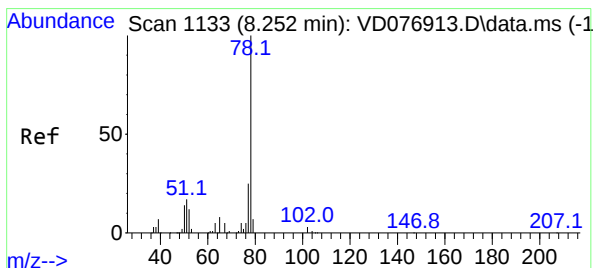
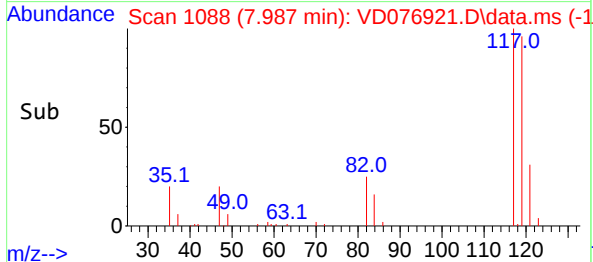
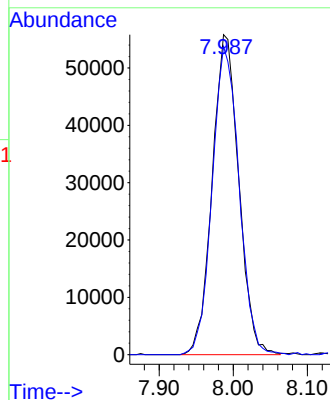
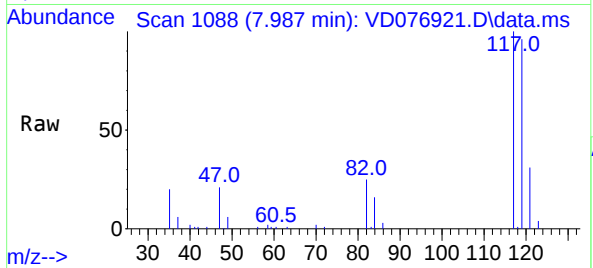




#31
Carbon tetrachloride
Concen: 23.764 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

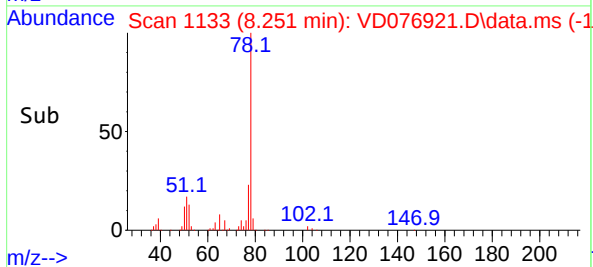
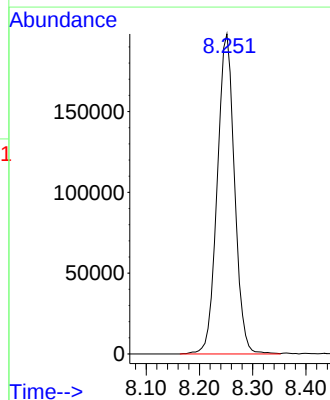
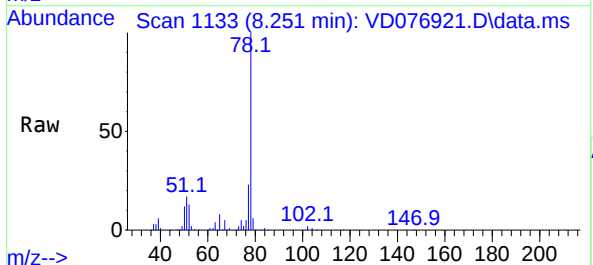
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

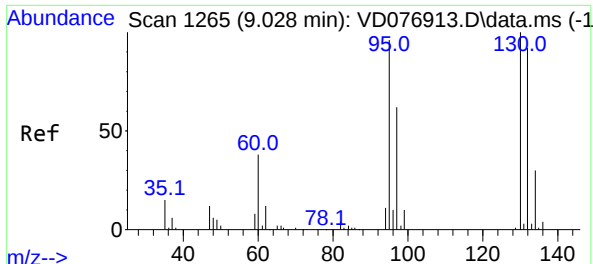
Tgt Ion:117 Resp: 138728
Ion Ratio Lower Upper
117 100
119 97.6 77.8 116.6



#33
Benzene
Concen: 23.654 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 78 Resp: 446335

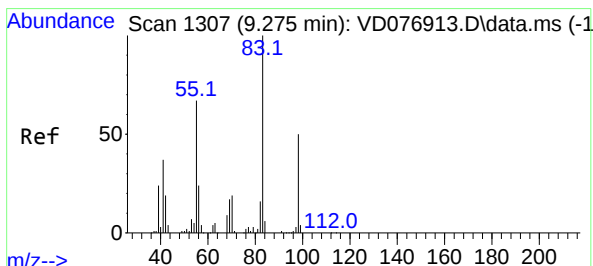
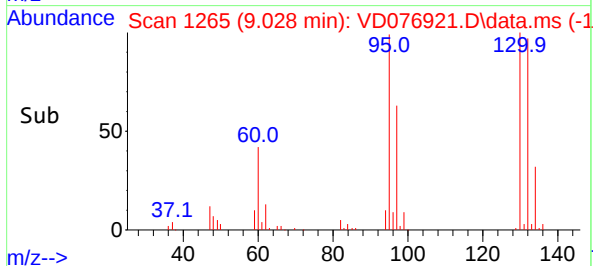
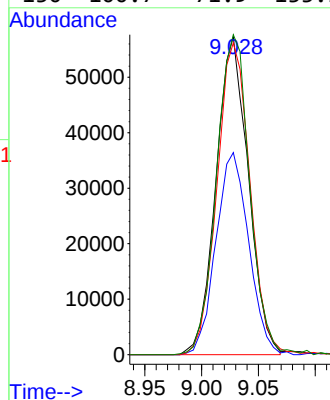
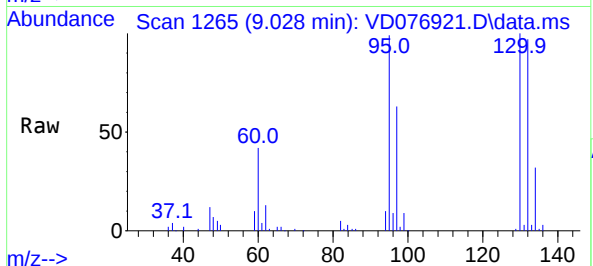




#34
Trichloroethene
Concen: 23.026 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

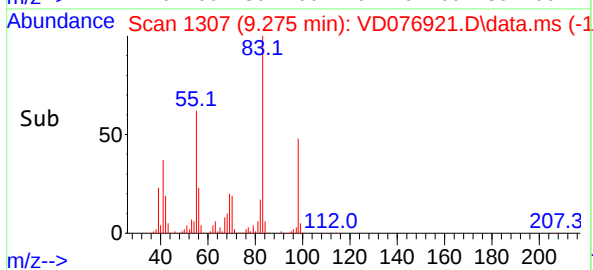
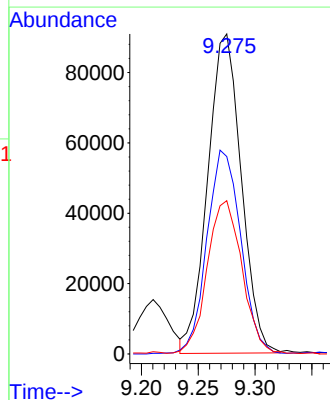
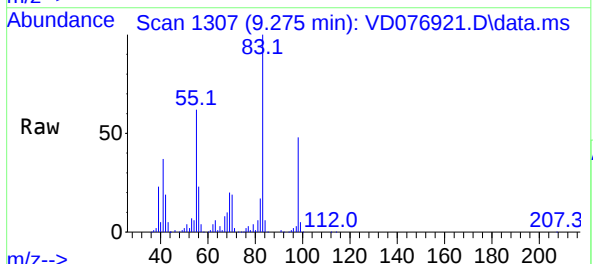
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

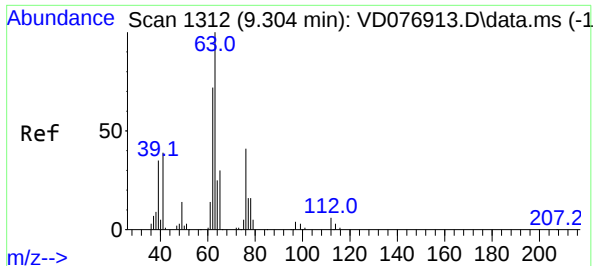
Tgt Ion: 95 Resp: 113151
Ion Ratio Lower Upper
95 100
97 63.6 43.1 80.1
132 98.2 71.8 133.4
130 100.7 71.9 133.5



#35
Methylcyclohexane
Concen: 23.273 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 83 Resp: 186503
Ion Ratio Lower Upper
83 100
55 64.6 59.8 89.6
98 50.1 37.8 56.6

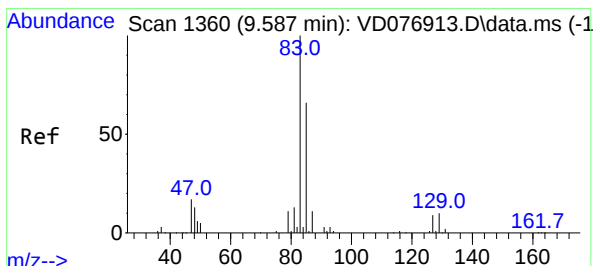
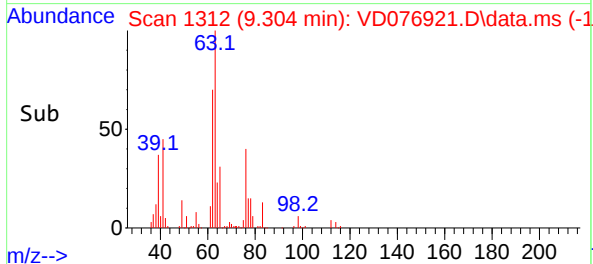
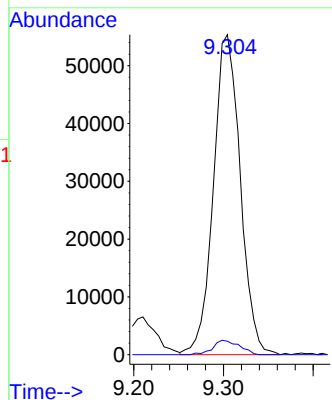
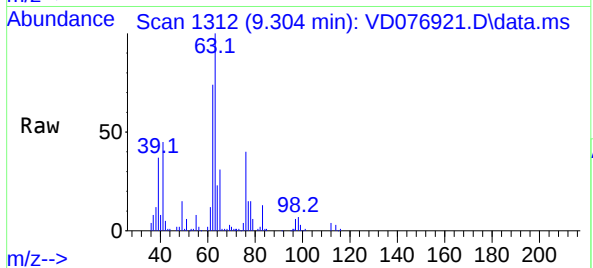




#37
1,2-Dichloropropane
Concen: 23.999 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

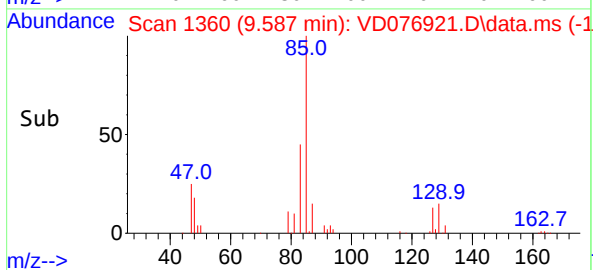
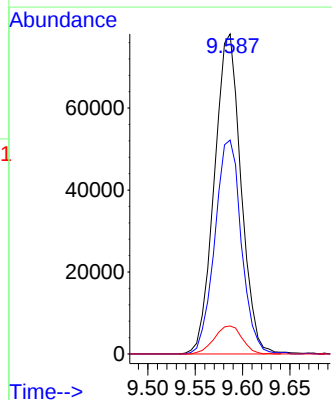
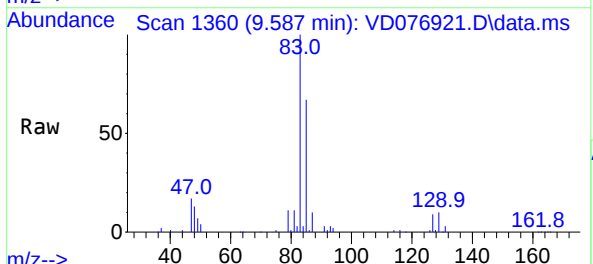
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

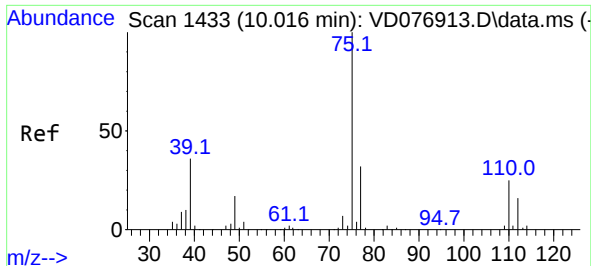
Tgt Ion: 63 Resp: 115036
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7



#38
Bromodichloromethane
Concen: 23.157 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 83 Resp: 152860
Ion Ratio Lower Upper
83 100
85 66.9 43.9 81.5
127 8.7 6.6 9.8

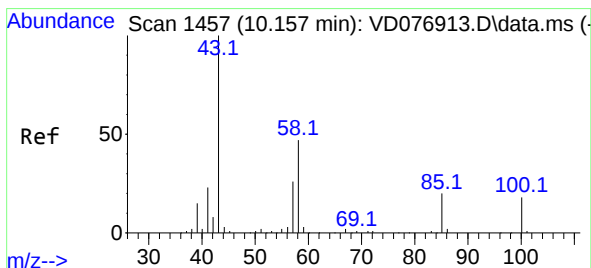
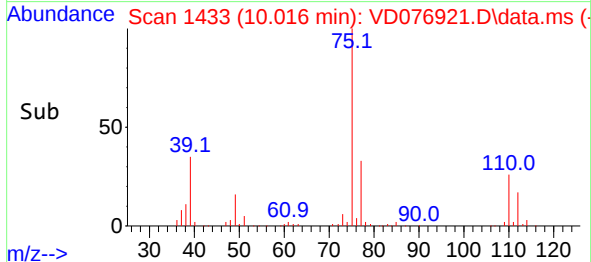
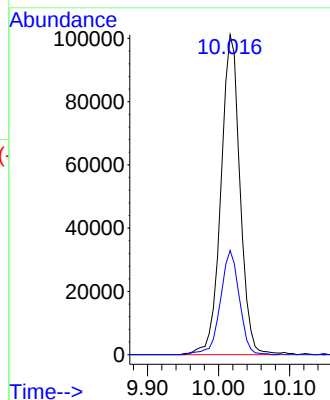
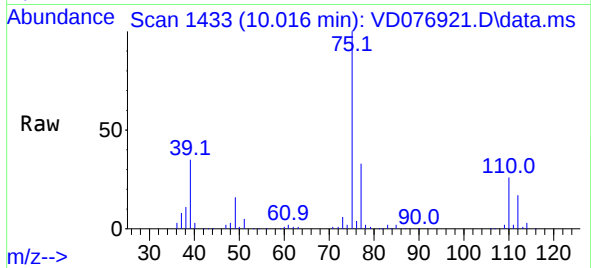




#39
cis-1,3-Dichloropropene
Concen: 24.337 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

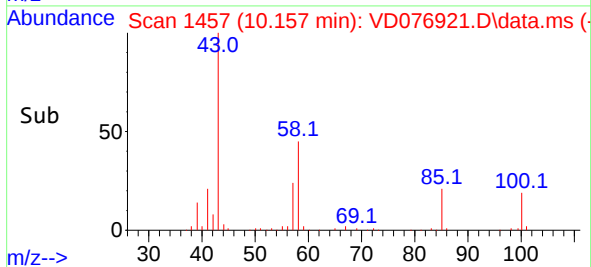
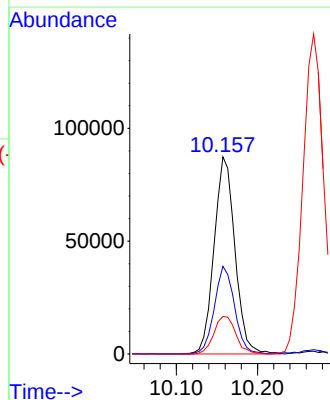
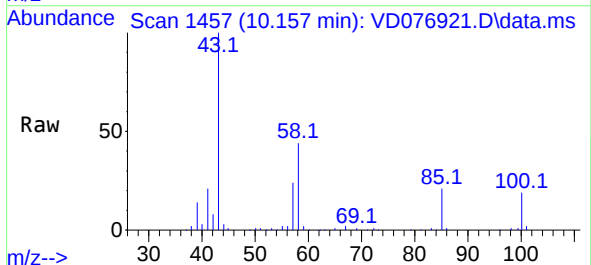
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

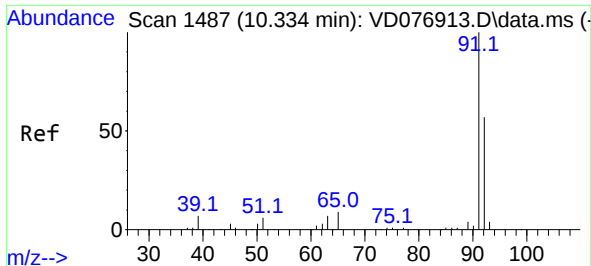
Tgt Ion: 75 Resp: 188273
Ion Ratio Lower Upper
75 100
77 32.5 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 51.722 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 43 Resp: 156208
Ion Ratio Lower Upper
43 100
58 43.0 30.7 46.1
100 20.0 11.0 16.4#

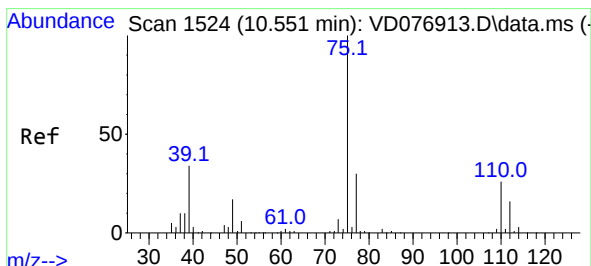
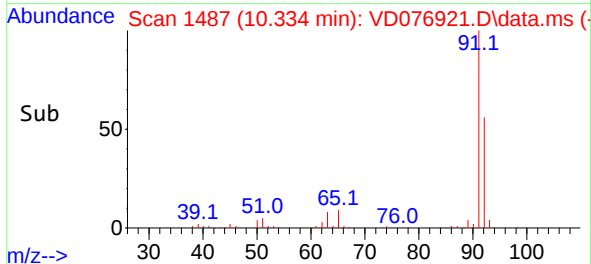
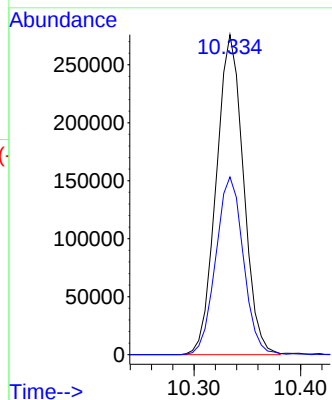
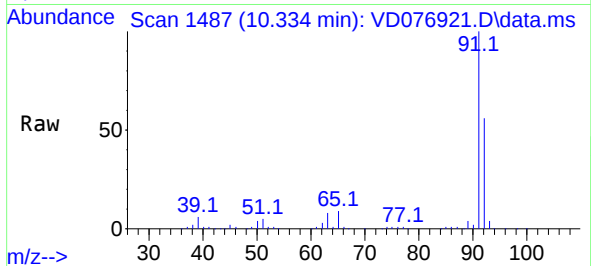




#42
Toluene
Concen: 23.885 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

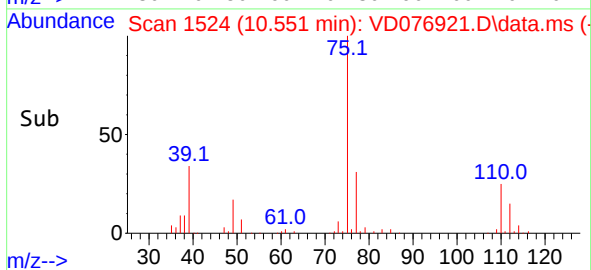
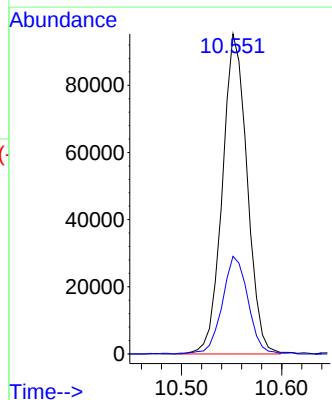
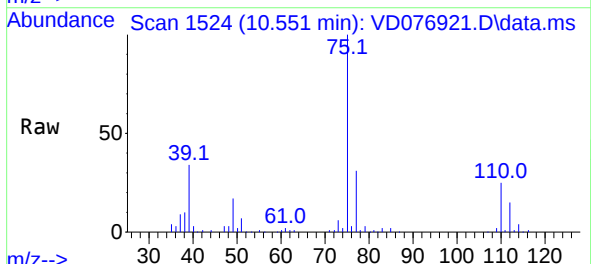
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

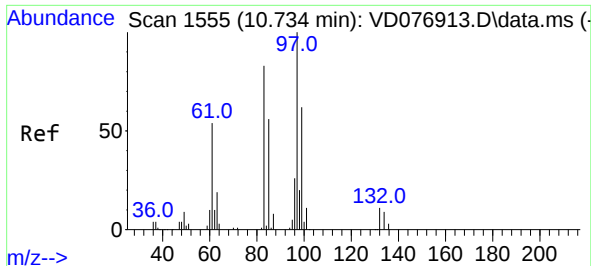
Tgt Ion: 91 Resp: 490093
Ion Ratio Lower Upper
91 100
92 55.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.166 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 75 Resp: 163390
Ion Ratio Lower Upper
75 100
77 30.5 22.5 41.7



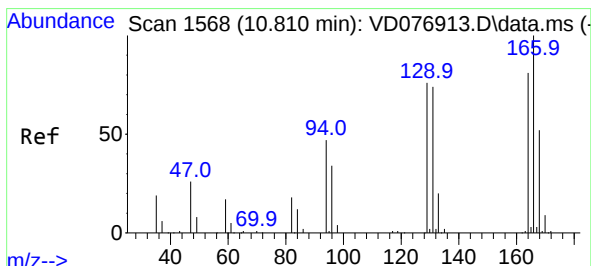
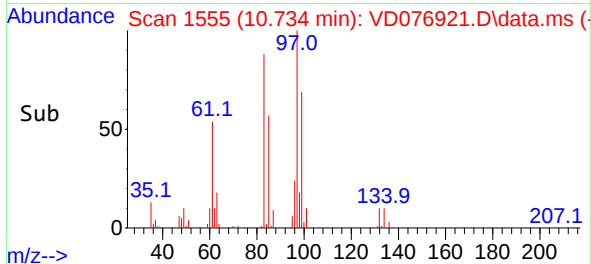
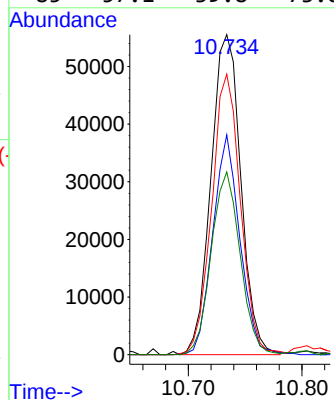
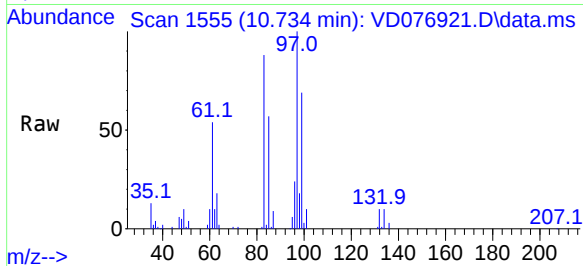


#45
1,1,2-Trichloroethane
Concen: 23.846 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

Tgt Ion: 97 Resp: 101586

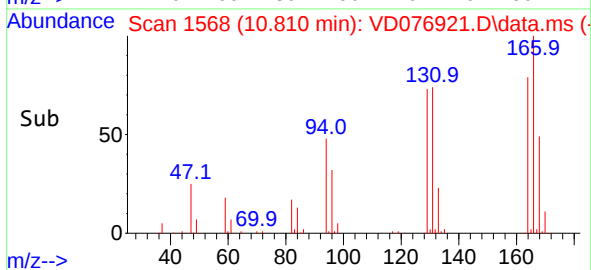
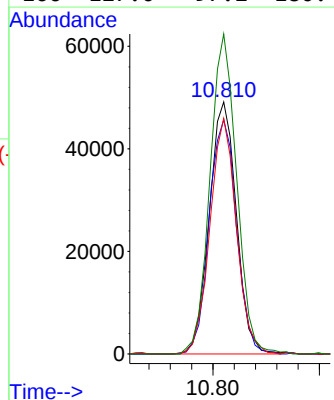
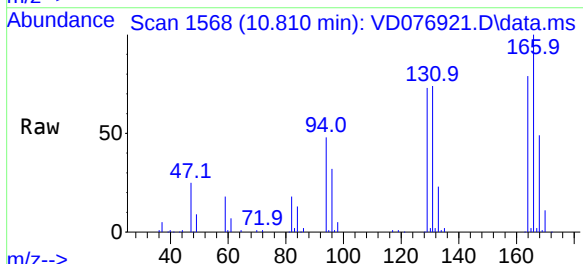
Ion	Ratio	Lower	Upper
97	100		
99	68.7	41.9	77.9
83	87.7	59.2	110.0
85	57.1	39.8	73.8

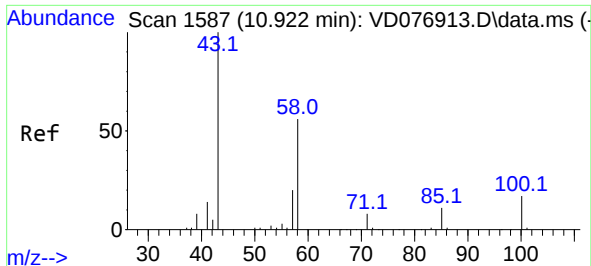


#46
Tetrachloroethene
Concen: 23.418 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 164 Resp: 86730

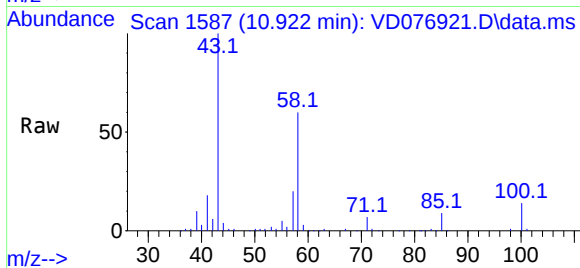
Ion	Ratio	Lower	Upper
164	100		
129	93.0	65.5	121.6
131	93.5	64.8	120.3
166	127.0	97.2	180.4



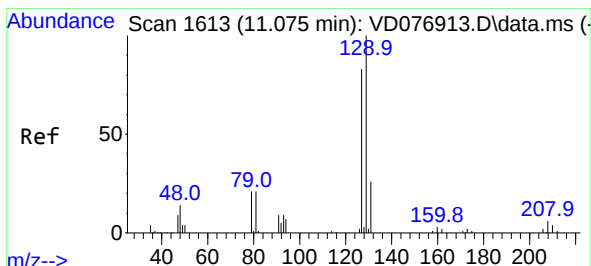
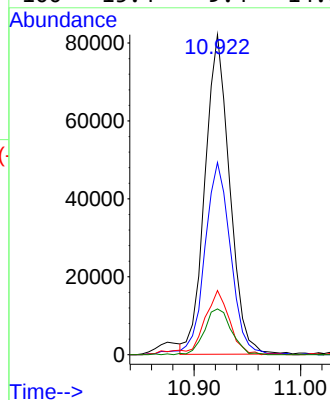
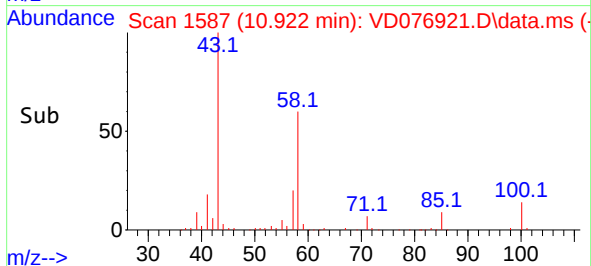


#48
2-Hexanone
Concen: 57.033 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

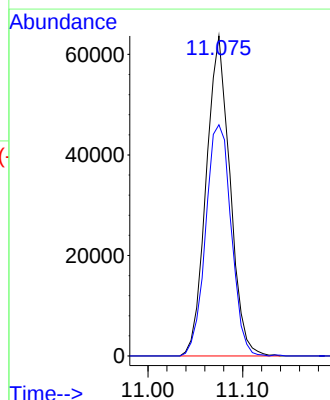
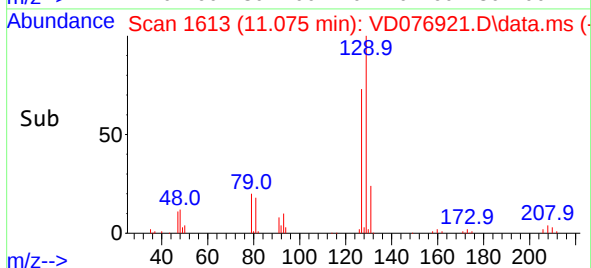
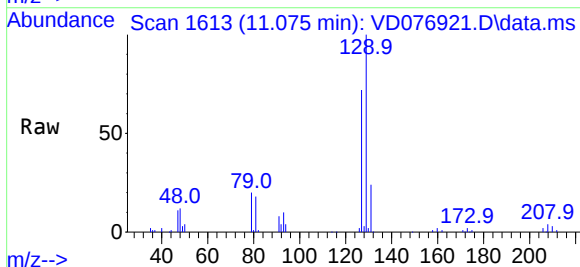


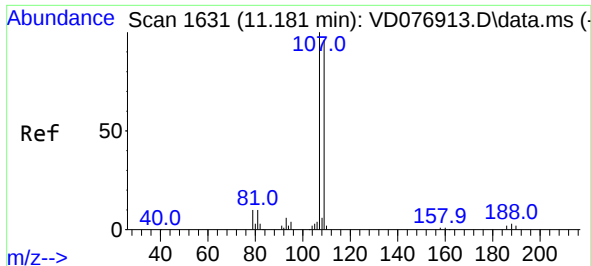
Tgt Ion: 43 Resp: 132463
Ion Ratio Lower Upper
43 100
58 63.1 42.9 64.3
57 19.5 13.7 20.5
100 15.4 9.4 14.0#



#49
Dibromochloromethane
Concen: 23.437 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:129 Resp: 111073
Ion Ratio Lower Upper
129 100
127 72.3 55.2 102.6

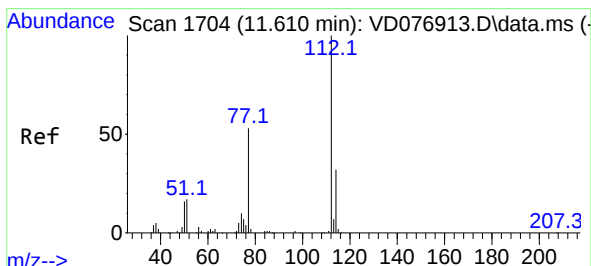
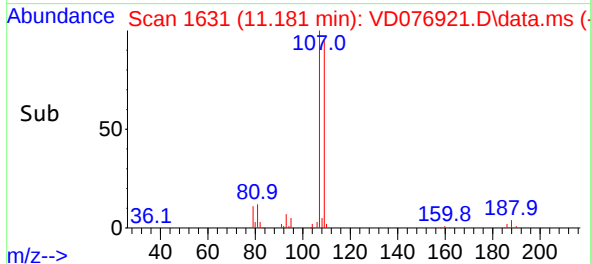
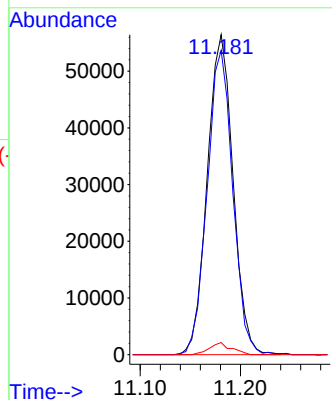
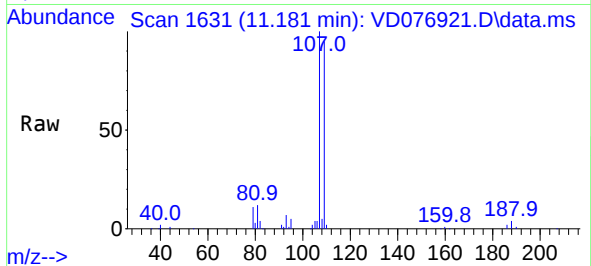




#50
1,2-Dibromoethane
Concen: 24.257 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

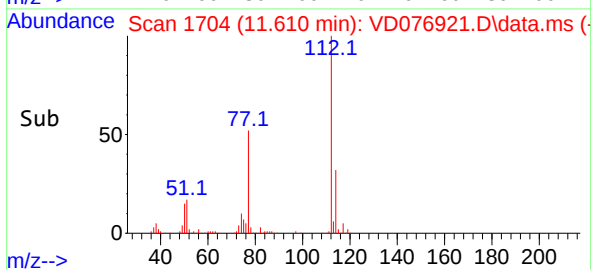
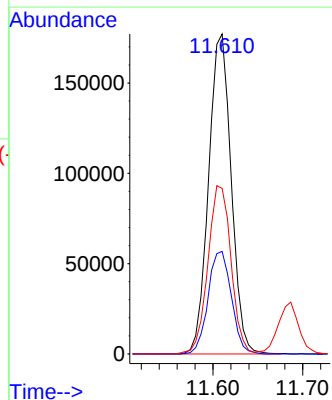
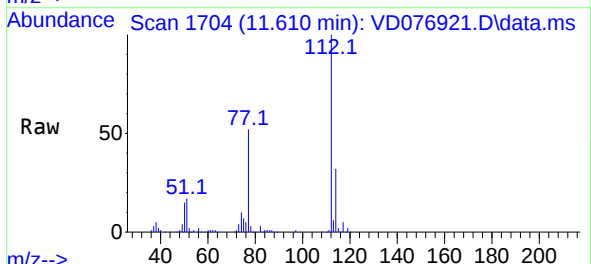
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

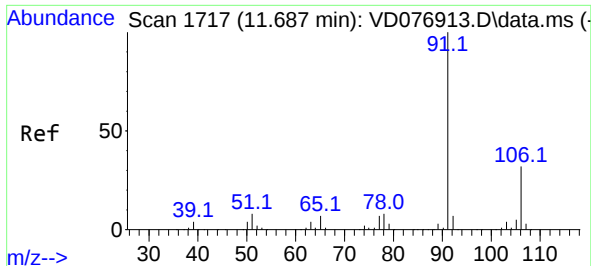
Tgt Ion:107 Resp: 100782
Ion Ratio Lower Upper
107 100
109 95.1 58.8 109.2
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 23.176 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:112 Resp: 309828
Ion Ratio Lower Upper
112 100
114 32.1 21.5 39.9
77 51.8 43.4 65.2

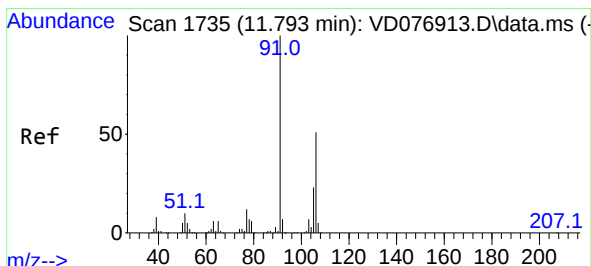
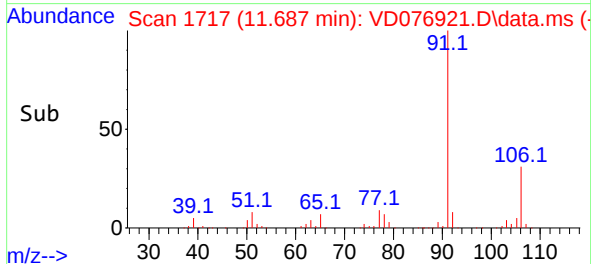
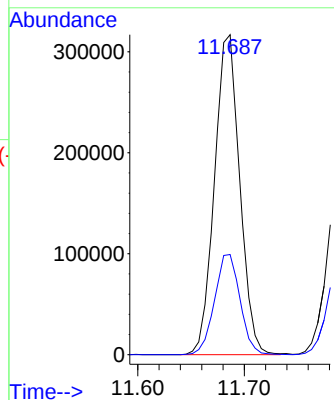
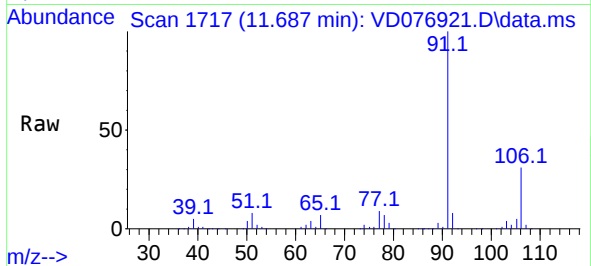




#52
Ethylbenzene
Concen: 23.859 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

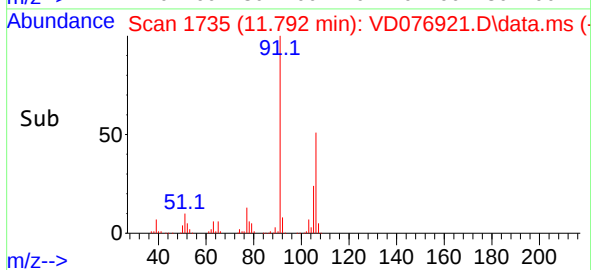
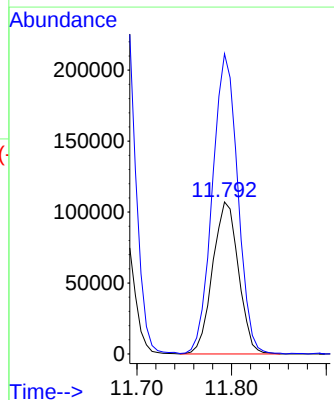
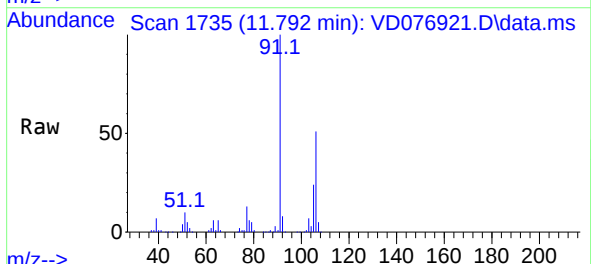
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

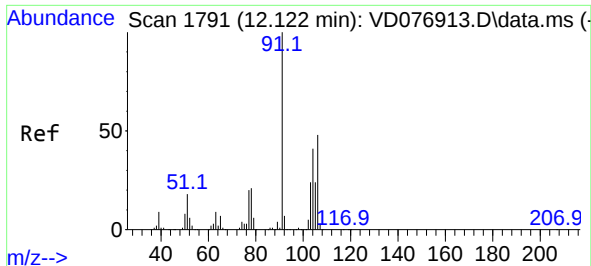
Tgt Ion: 91 Resp: 521672
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 24.045 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 106 Resp: 202855
Ion Ratio Lower Upper
106 100
91 197.4 141.5 262.9

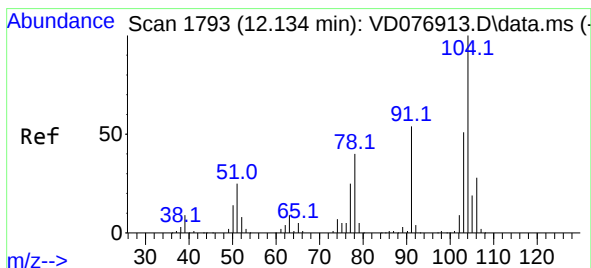
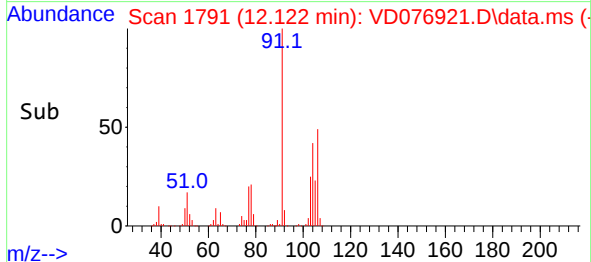
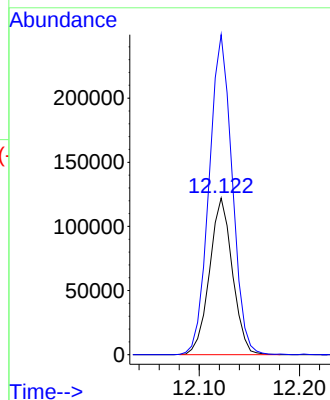
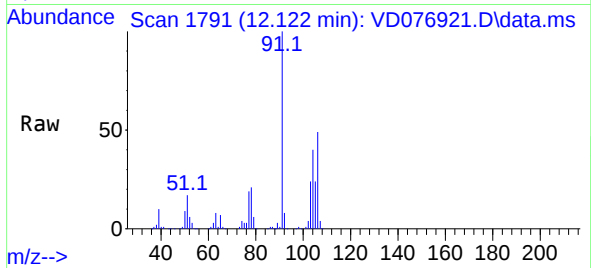




#54
o-Xylene
Concen: 23.855 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

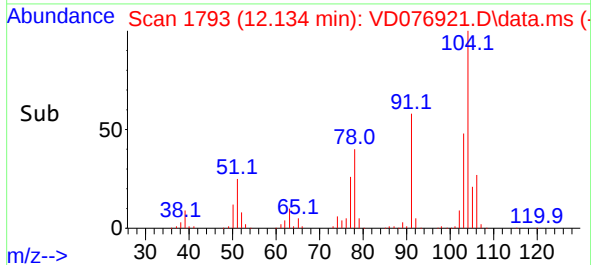
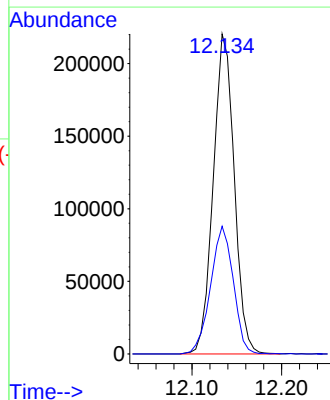
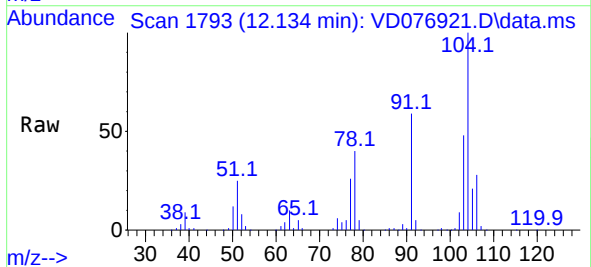
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

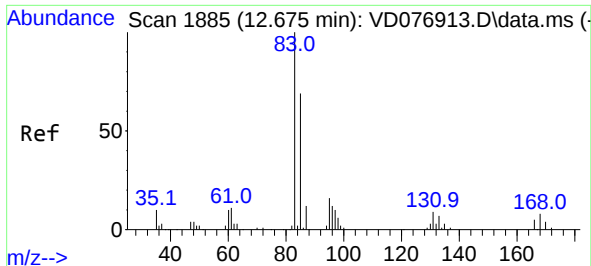
Tgt Ion:106 Resp: 193560
Ion Ratio Lower Upper
106 100
91 204.3 142.2 264.2



#55
Styrene
Concen: 24.428 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:104 Resp: 358368
Ion Ratio Lower Upper
104 100
78 39.9 31.3 58.1

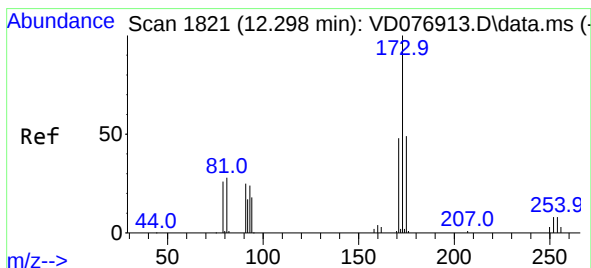
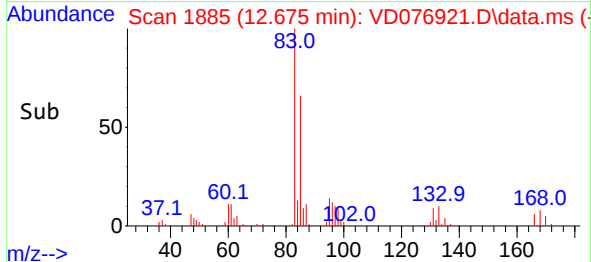
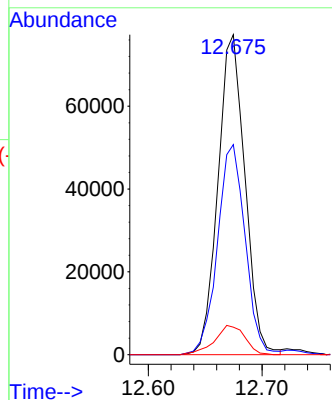
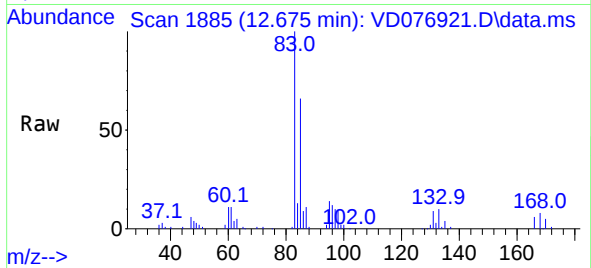




#57
1,1,2,2-Tetrachloroethane
Concen: 24.214 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

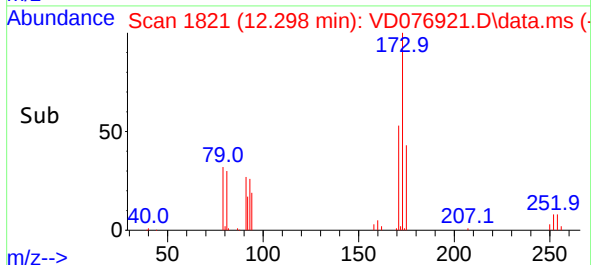
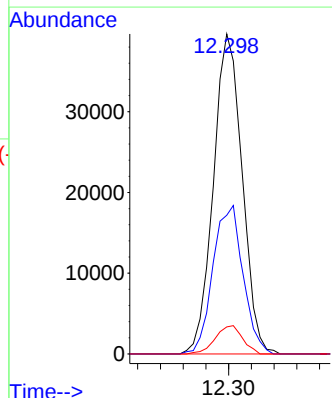
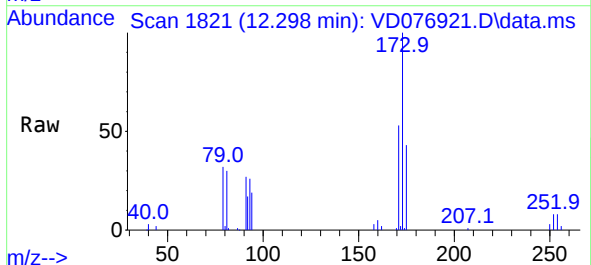
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

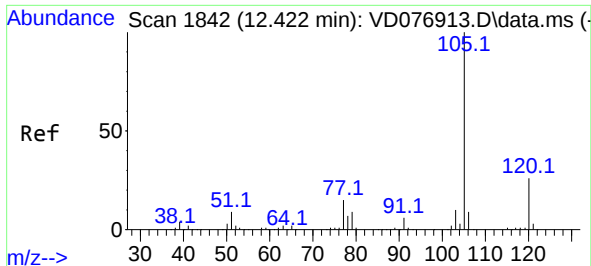
Tgt Ion: 83 Resp: 127583
Ion Ratio Lower Upper
83 100
85 65.6 46.3 86.1
131 8.6 7.0 10.4



#59
Bromoform
Concen: 23.745 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:173 Resp: 69705
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 8.4 5.3 7.9#

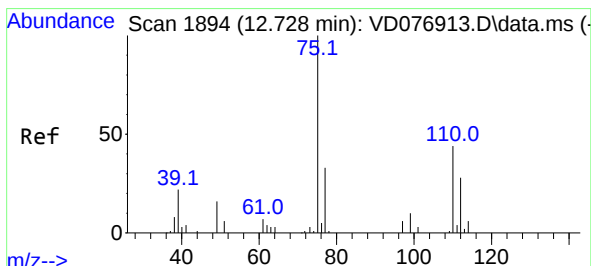
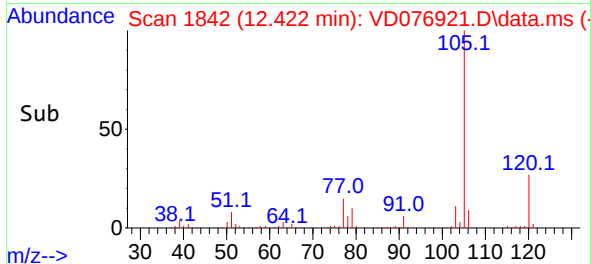
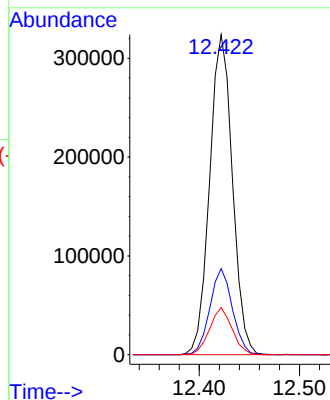
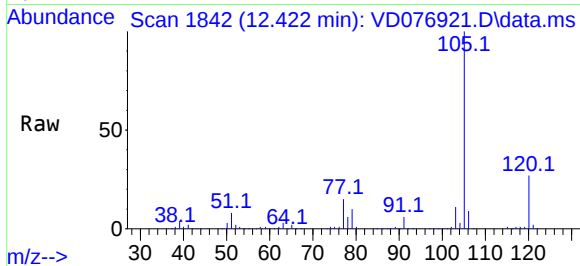




#60
Isopropylbenzene
Concen: 24.041 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

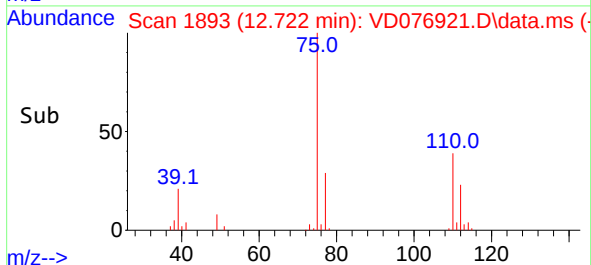
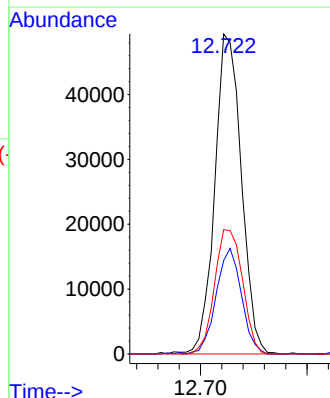
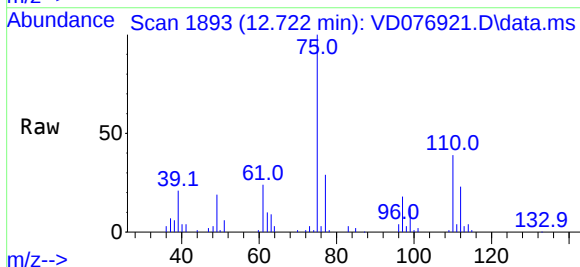
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

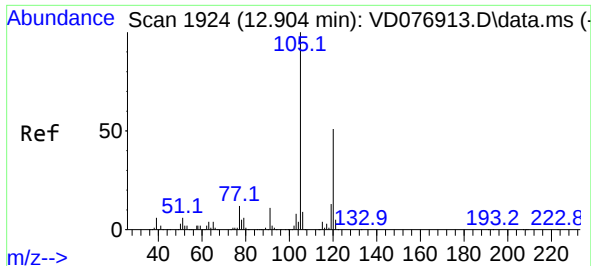
Tgt Ion:105 Resp: 511780
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 24.707 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 75 Resp: 85354
Ion Ratio Lower Upper
75 100
77 31.4 27.2 40.8
110 40.9 31.8 47.6

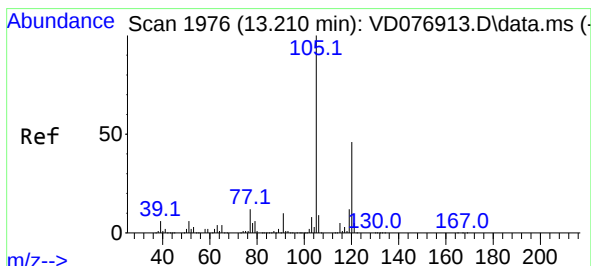
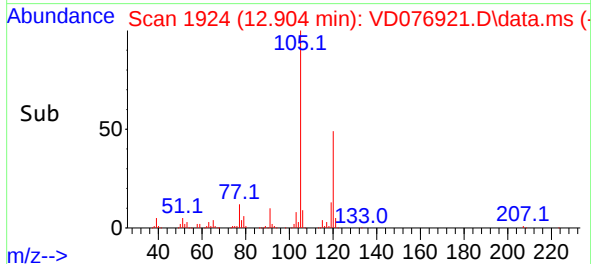
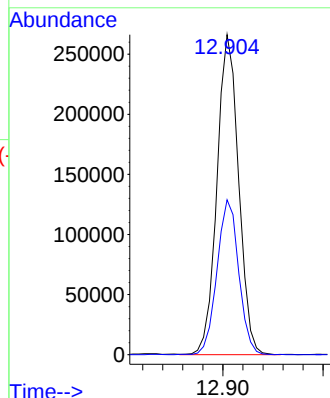
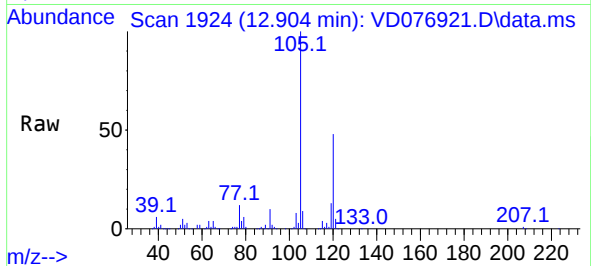




#62
1,3,5-Trimethylbenzene
Concen: 24.586 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

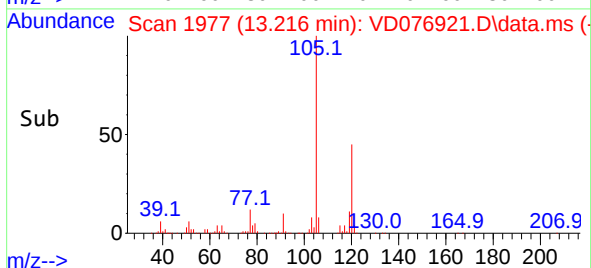
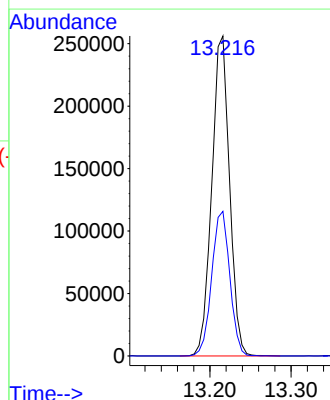
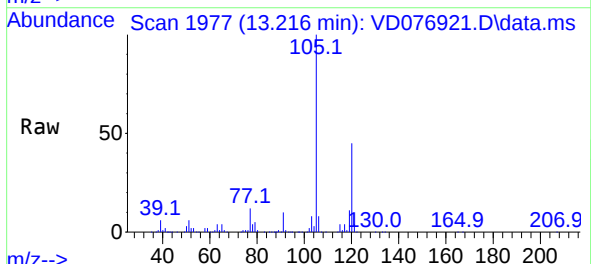
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

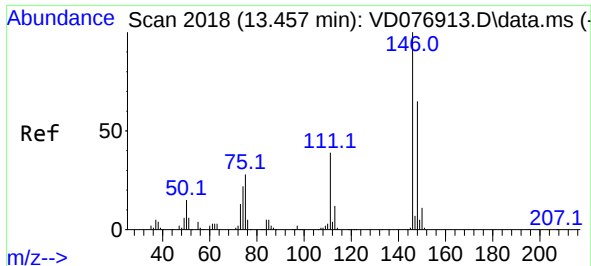
Tgt Ion:105 Resp: 398713
Ion Ratio Lower Upper
105 100
120 48.4 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 24.080 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:105 Resp: 388640
Ion Ratio Lower Upper
105 100
120 46.1 37.5 56.3

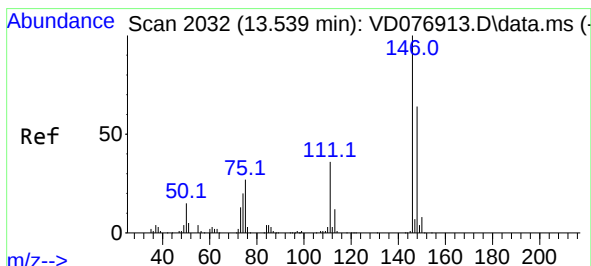
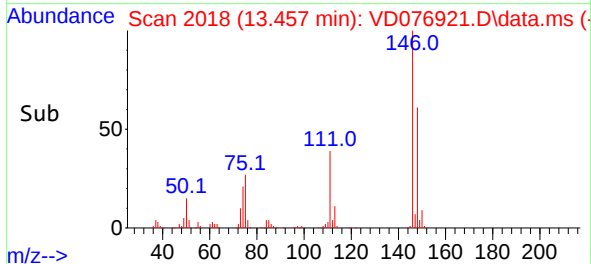
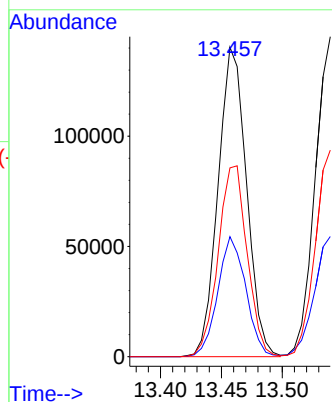
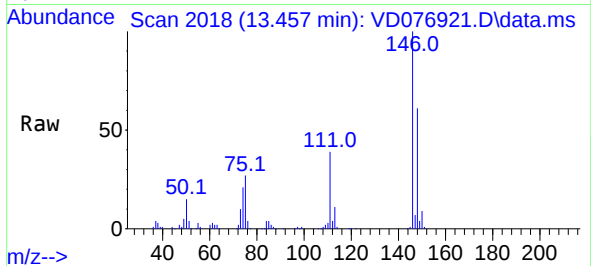




#64
1,3-Dichlorobenzene
Concen: 23.513 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

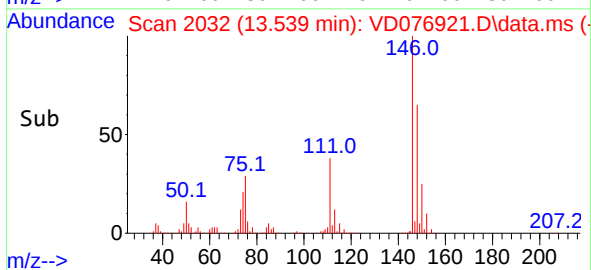
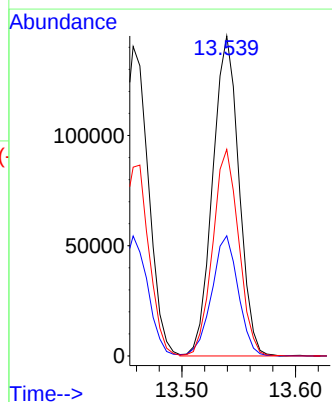
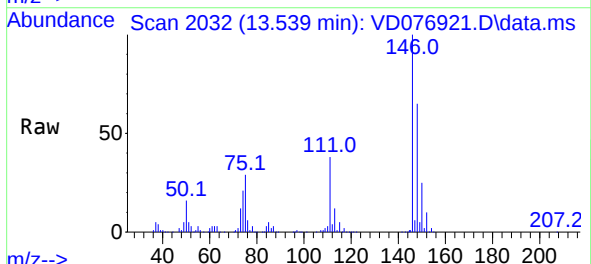
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

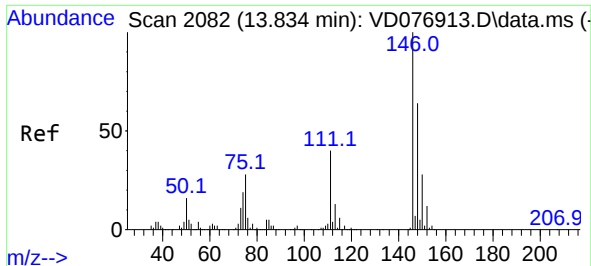
Tgt Ion:146 Resp: 228441
Ion Ratio Lower Upper
146 100
111 38.8 25.6 47.4
148 61.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 23.205 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:146 Resp: 233035
Ion Ratio Lower Upper
146 100
111 37.6 25.7 47.7
148 64.6 45.4 84.2

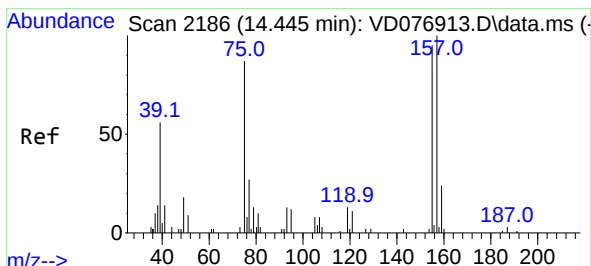
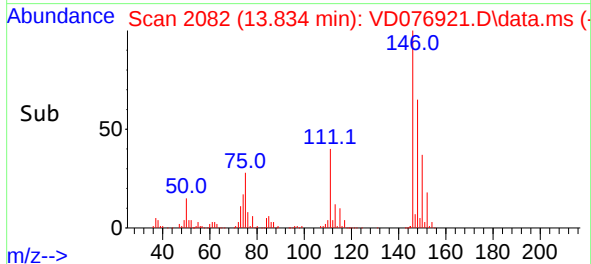
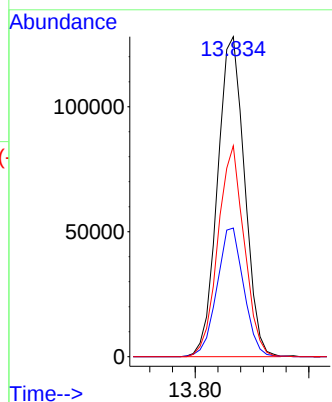
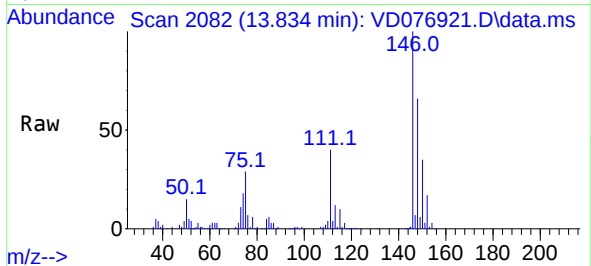




#67
1,2-Dichlorobenzene
Concen: 23.219 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

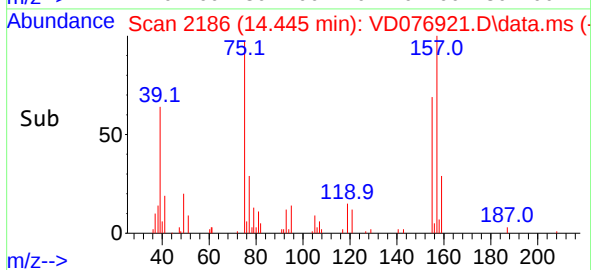
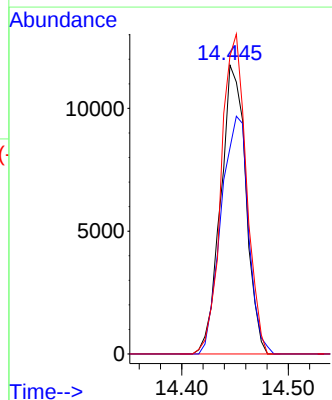
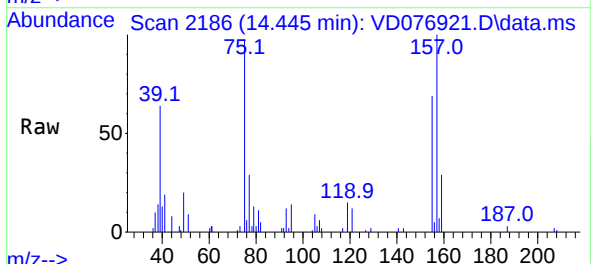
Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

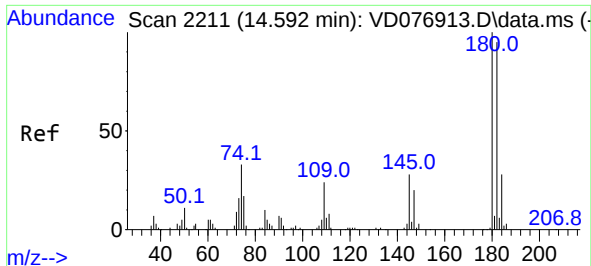
Tgt Ion:146 Resp: 211479
Ion Ratio Lower Upper
146 100
111 40.2 31.3 46.9
148 65.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.353 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion: 75 Resp: 19277
Ion Ratio Lower Upper
75 100
155 71.3 76.2 114.4#
157 103.1 89.4 134.2



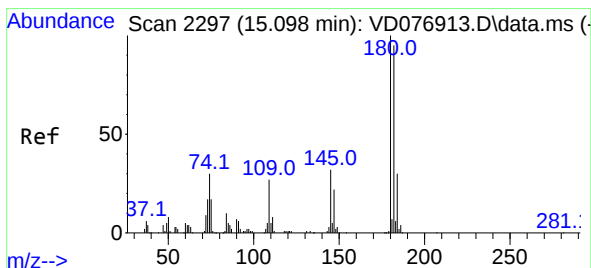
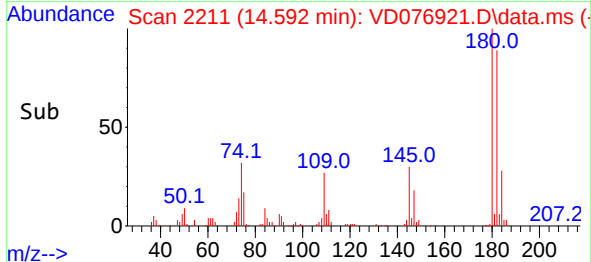
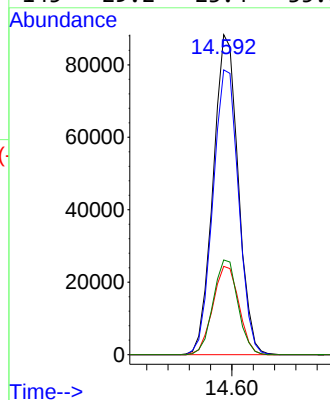
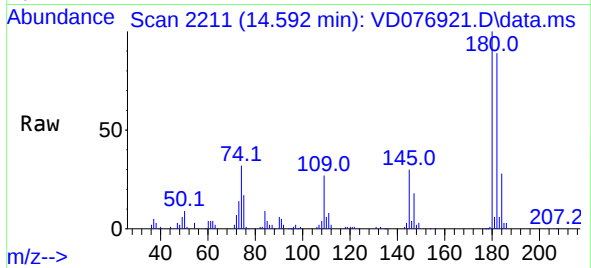


#69
1,3,5-Trichlorobenzene
Concen: 23.726 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

Tgt Ion:180 Resp: 144251

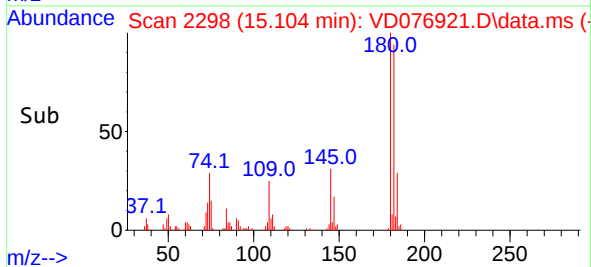
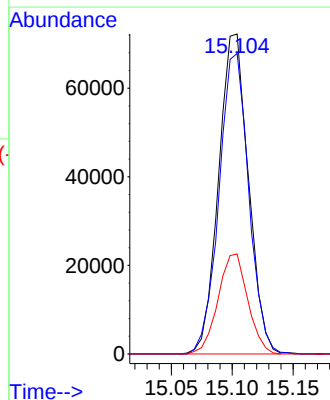
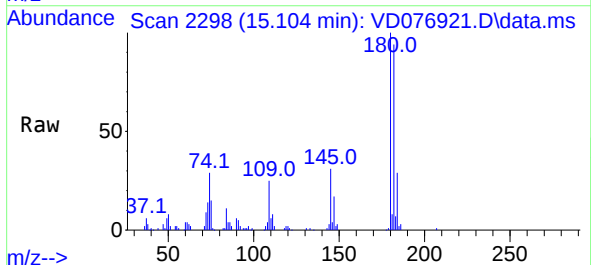
Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.1	115.7
184	28.8	25.0	37.4
145	29.2	23.4	35.0

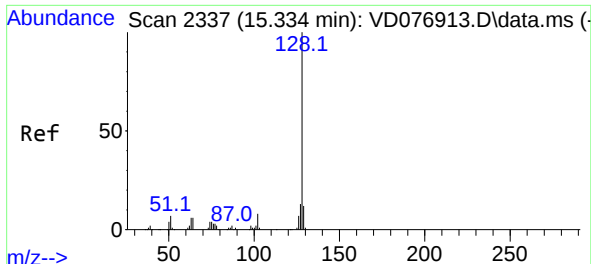


#70
1,2,4-trichlorobenzene
Concen: 22.990 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:180 Resp: 122953

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.9	115.3
145	31.2	23.5	35.3

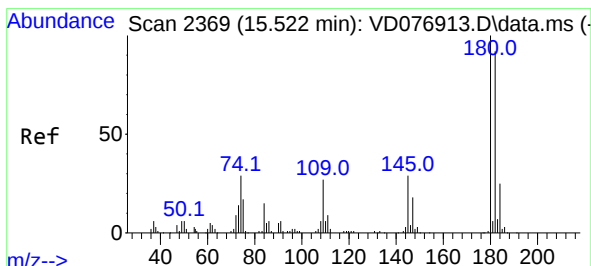
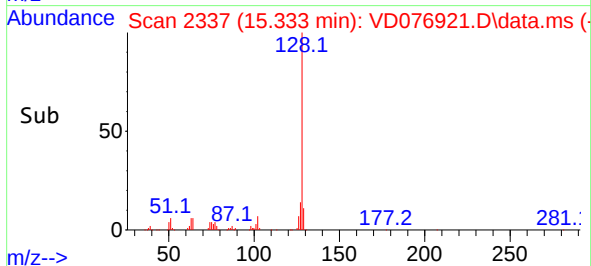
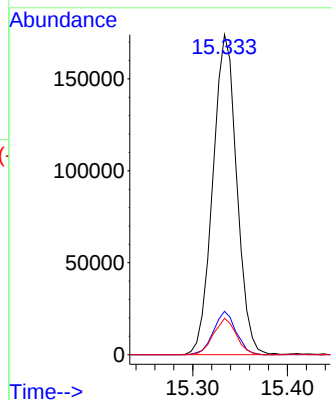
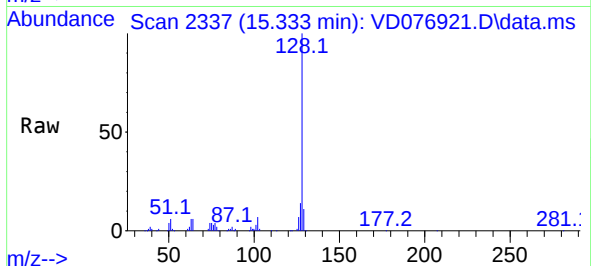




#71
Naphthalene
Concen: 24.338 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :
VSTD025175

Tgt Ion:128 Resp: 306057
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.298 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076921.D
Acq: 04 Aug 2023 11:29

Tgt Ion:180 Resp: 117850
Ion Ratio Lower Upper
180 100
182 93.0 74.3 111.5
145 31.7 25.0 37.6

