

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076916.D
 Acq On : 03 Aug 2023 12:42
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV163

Quant Time: Aug 04 02:31:14 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	297533	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	297612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	152017	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	166510	20.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.400%
7) Chloroethane-d5	2.799	69	162437	21.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	3.916	65	42895	22.125	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.480%
21) 2-Butanone-d5	6.987	46	64688	49.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.480%
24) Chloroform-d	7.563	84	218781	22.581	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.228	65	110195	22.816	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.199	84	434328	23.212	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.210	67	133568	23.217	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.880%
41) Toluene-d8	10.269	98	403754	23.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.528	79	60049	23.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.360%
47) 2-Hexanone-d5	10.875	63	59247	53.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	131189	23.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	132149	23.778	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	120570	24.448	ug/L	100
3) Chloromethane	2.146	50	160906	25.149	ug/L	99
5) Vinyl chloride	2.281	62	222122	24.277	ug/L	93
6) Bromomethane	2.687	94	145907	21.364	ug/L	98
8) Chloroethane	2.834	64	148730	24.147	ug/L	98
9) Trichlorofluoromethane	3.169	101	188078	24.828	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	122382	24.793	ug/L	96
12) 1,1-Dichloroethene	3.940	96	109325	24.977	ug/L	83
13) Acetone	4.016	43	77661	57.812	ug/L	97
14) Carbon disulfide	4.263	76	388928	25.601	ug/L	100
16) Methylene chloride	4.793	84	155545	24.922	ug/L	76
17) trans-1,2-Dichloroethene	5.305	96	122843	24.787	ug/L	89
18) Methyl tert-butyl Ether	5.316	73	270151	24.674	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	198585	23.998	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	134742	24.355	ug/L	88
22) 2-Butanone	7.081	43	92083	48.994	ug/L	82
23) Bromochloromethane	7.428	128	62721	23.374	ug/L	81
25) Chloroform	7.593	83	214548	23.673	ug/L	99
27) 1,2-Dichloroethane	8.322	62	131167	23.092	ug/L	97

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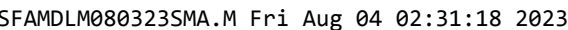
Instrument :
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 ClientSampleId :
 VICV163

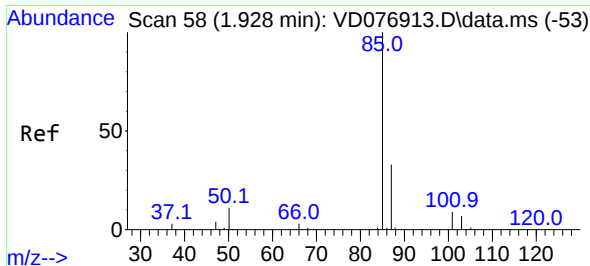
Quant Time: Aug 04 02:31:14 2023
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.869	56	167682	25.595	ug/L #	85
30) 1,1,1-Trichloroethane	7.787	97	175928	23.857	ug/L	97
31) Carbon tetrachloride	7.987	117	150743	24.977	ug/L	98
33) Benzene	8.246	78	480231	24.617	ug/L	100
34) Trichloroethene	9.028	95	118824	23.389	ug/L	97
35) Methylcyclohexane	9.275	83	204239	24.652	ug/L	91
37) 1,2-Dichloropropane	9.304	63	119513	24.117	ug/L	98
38) Bromodichloromethane	9.581	83	161701	23.695	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	196417	24.559	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	154556	49.500	ug/L #	89
42) Toluene	10.334	91	517466	24.394	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	171048	24.471	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	99560	22.606	ug/L	97
46) Tetrachloroethene	10.810	164	90291	23.582	ug/L	96
48) 2-Hexanone	10.922	43	133629	55.652	ug/L #	89
49) Dibromochloromethane	11.075	129	119578	24.405	ug/L	94
50) 1,2-Dibromoethane	11.181	107	101750	23.688	ug/L	90
51) Chlorobenzene	11.610	112	329084	23.811	ug/L	99
52) Ethylbenzene	11.681	91	553892	24.504	ug/L	97
53) m,p-Xylene	11.792	106	211798	24.284	ug/L	97
54) o-Xylene	12.122	106	208378	24.841	ug/L	97
55) Styrene	12.134	104	369006	24.329	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	125299	23.002	ug/L	99
59) Bromoform	12.298	173	72959	24.200	ug/L	98
60) Isopropylbenzene	12.422	105	498583	22.805	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	82820	23.343	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	421423	25.303	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	417760	25.204	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	235633	23.616	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	238804	23.154	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	219259	23.441	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	19049	23.432	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	147748	23.663	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	131145	23.877	ug/L	99
71) Naphthalene	15.333	128	328947	25.471	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	122095	24.512	ug/L	97

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

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Quant Title : SFAM01.0
QLast Update : Fri Aug 04 02:21:25 2023
Response via : Initial Calibration

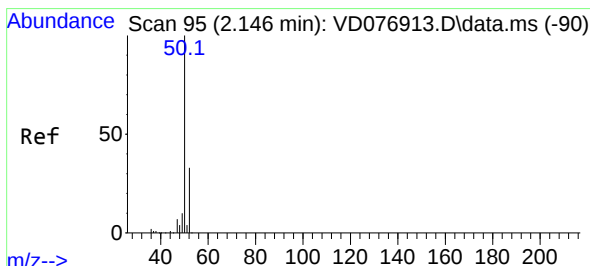
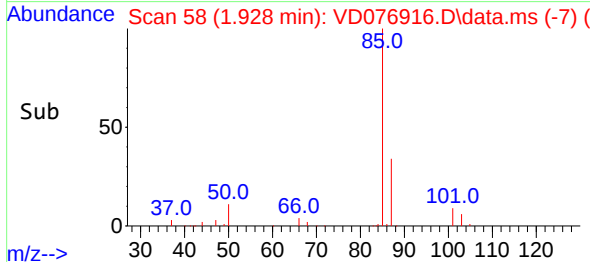
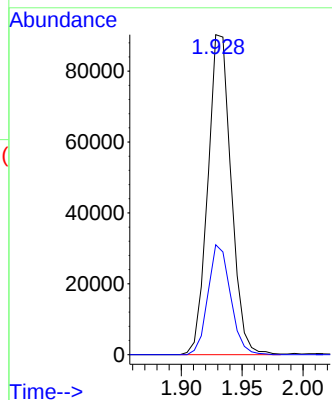
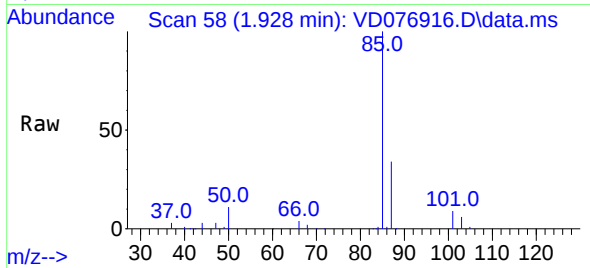




#2
Dichlorodifluoromethane
Concen: 24.448 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

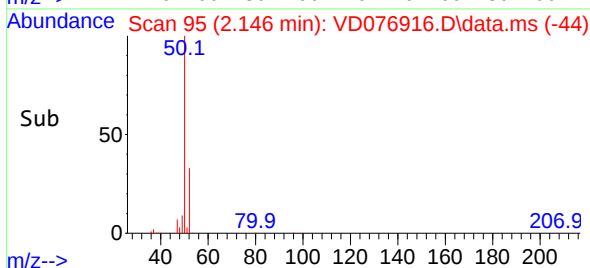
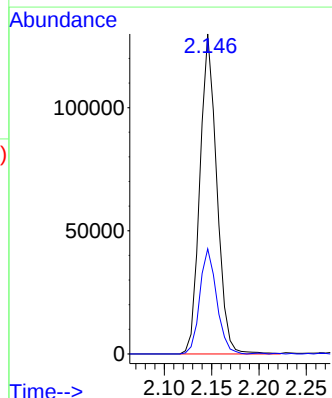
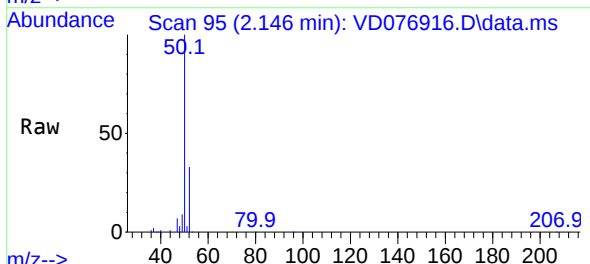
Instrument :
MSVOA_D
ClientSampleId :
VICV163

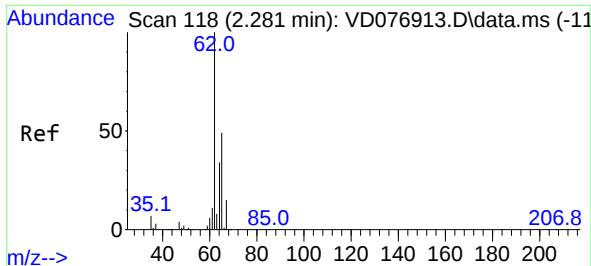
Tgt Ion: 85 Resp: 120570
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 25.149 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 50 Resp: 160906
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

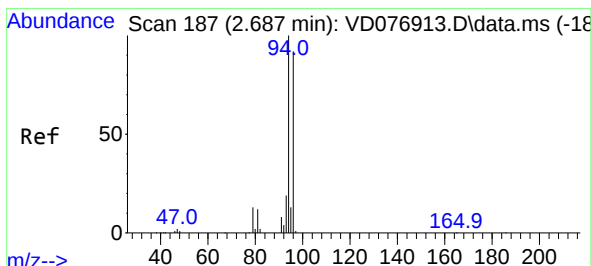
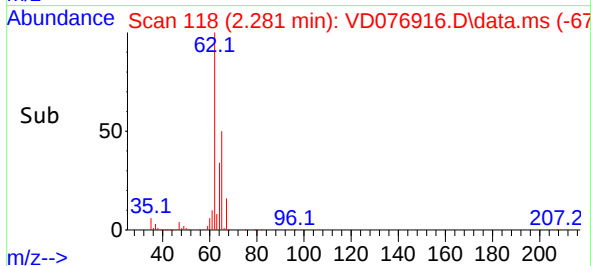
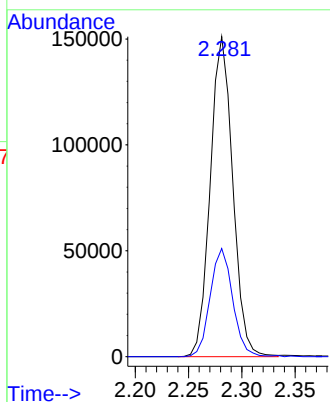
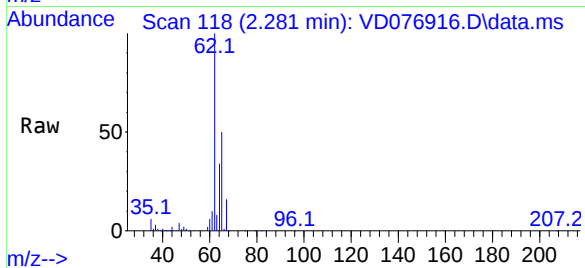




#5
 Vinyl chloride
 Concen: 24.277 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076916.D
 Acq: 03 Aug 2023 12:42

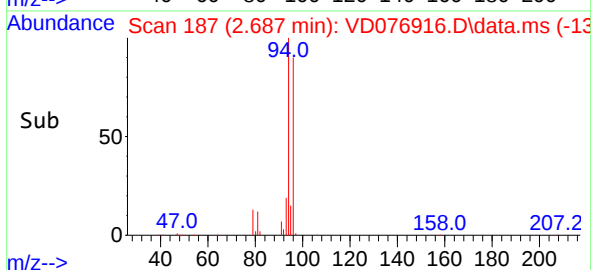
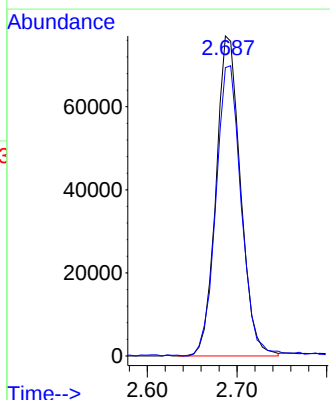
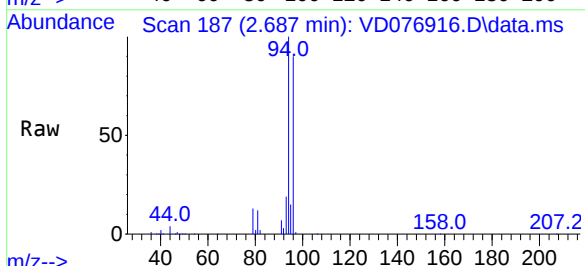
Instrument :
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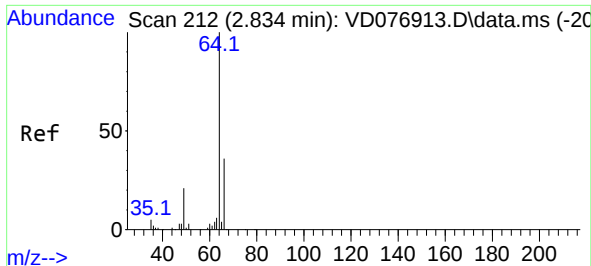
Tgt Ion: 62 Resp: 222122
 Ion Ratio Lower Upper
 62 100
 64 33.8 21.1 39.1



#6
 Bromomethane
 Concen: 21.364 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076916.D
 Acq: 03 Aug 2023 12:42

Tgt Ion: 94 Resp: 145907
 Ion Ratio Lower Upper
 94 100
 96 90.1 64.7 120.1

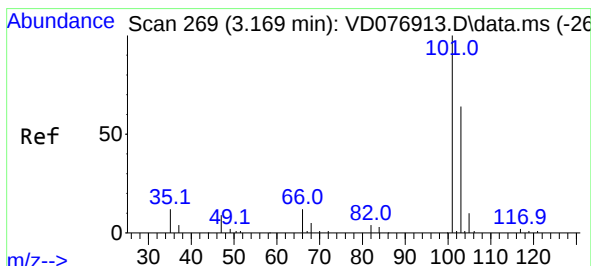
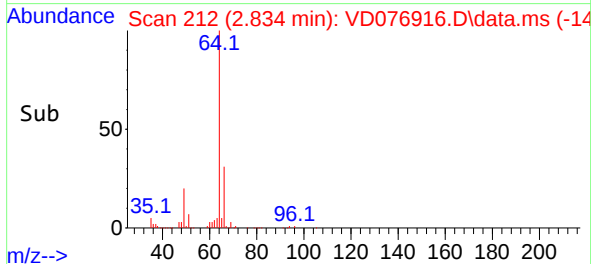
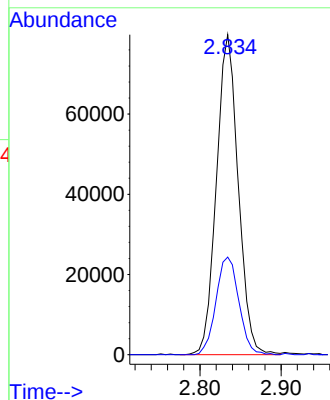
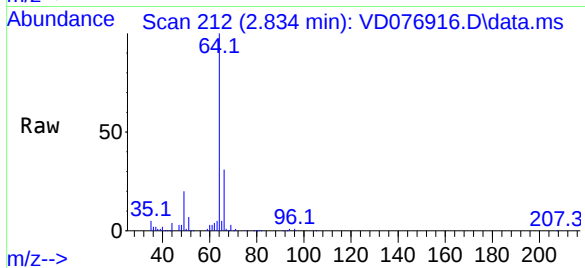




#8
Chloroethane
Concen: 24.147 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

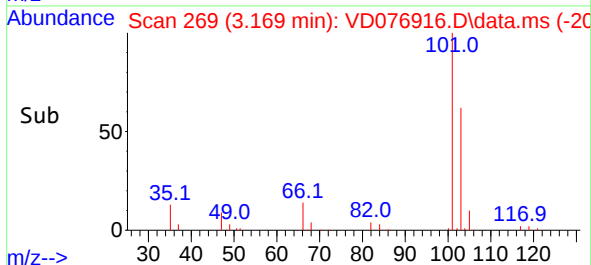
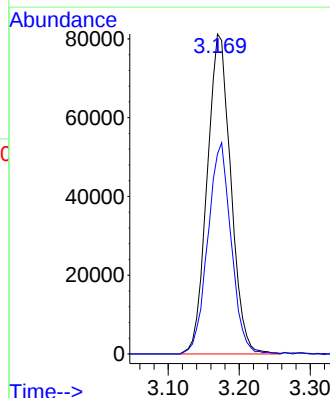
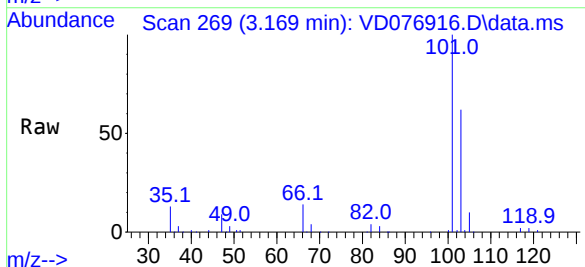
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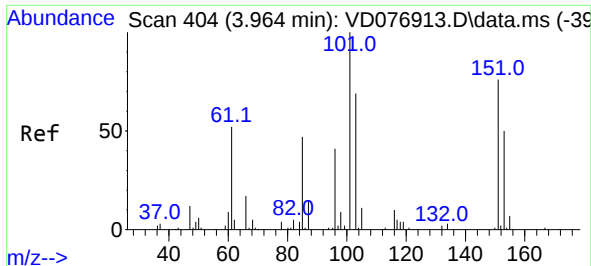
Tgt Ion: 64 Resp: 148730
Ion Ratio Lower Upper
64 100
66 30.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 24.828 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 101 Resp: 188078
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

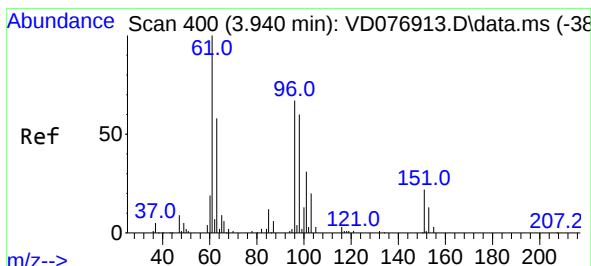
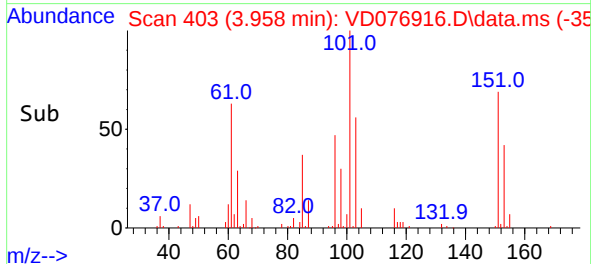
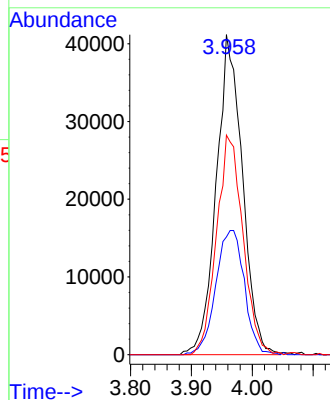
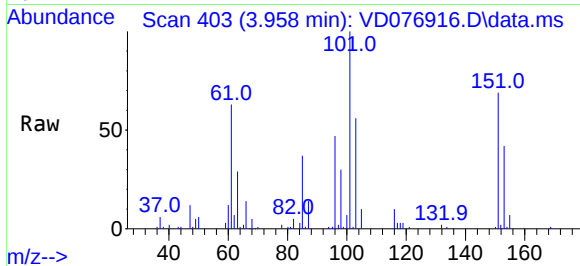




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.793 ug/L
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

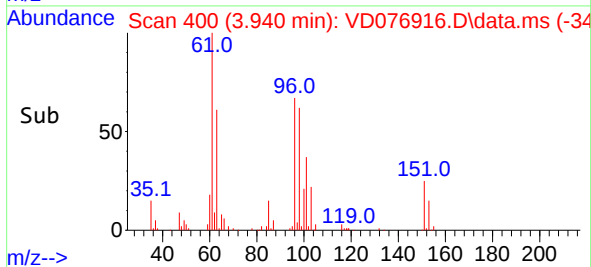
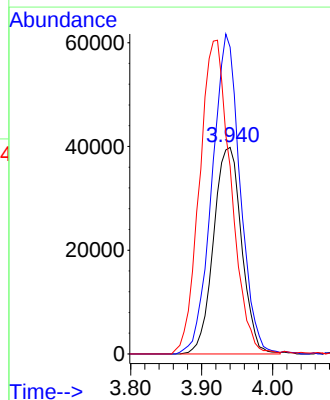
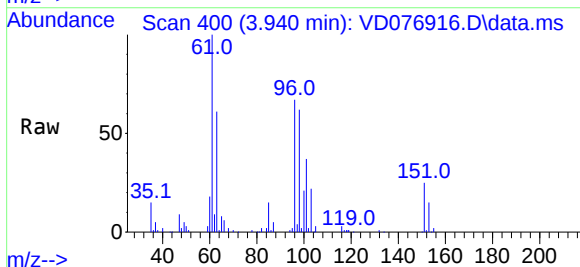
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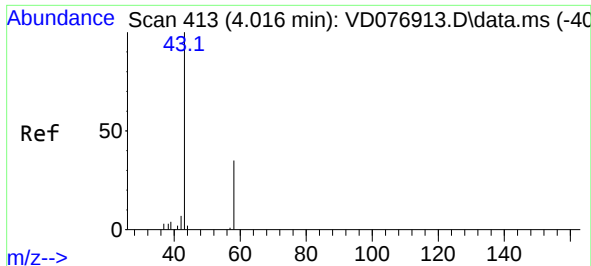
Tgt Ion:101 Resp: 122382
Ion Ratio Lower Upper
101 100
85 42.3 35.5 53.3
151 69.4 58.6 87.8



#12
1,1-Dichloroethene
Concen: 24.977 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 96 Resp: 109325
Ion Ratio Lower Upper
96 100
61 148.5 113.0 209.8
63 90.8 83.6 155.2





#13

Acetone

Concen: 57.812 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD076916.D

Acq: 03 Aug 2023 12:42

Instrument :

MSVOA_D

ClientSampleId :

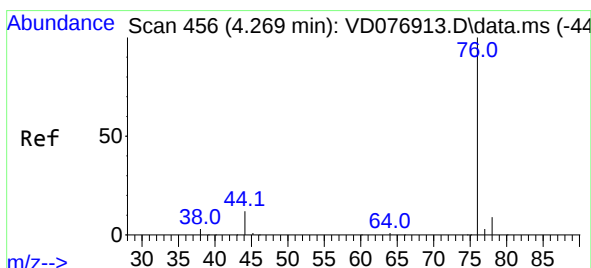
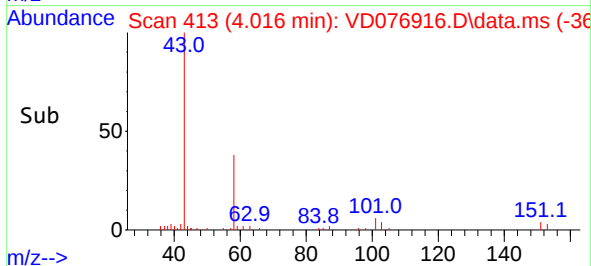
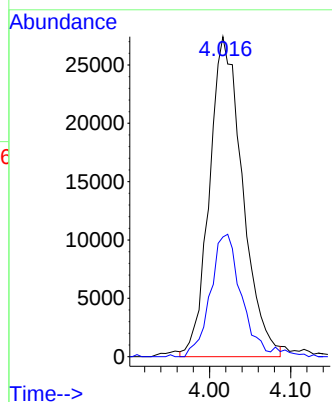
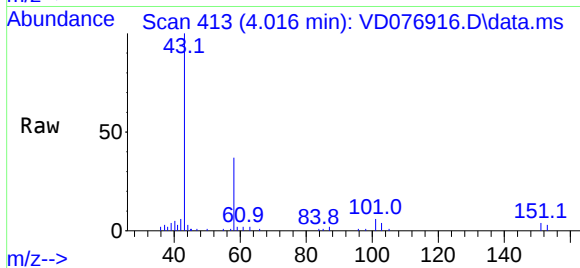
VICV163

Tgt Ion: 43 Resp: 77661

Ion Ratio Lower Upper

43 100

58 35.4 0.0 67.4



#14

Carbon disulfide

Concen: 25.601 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD076916.D

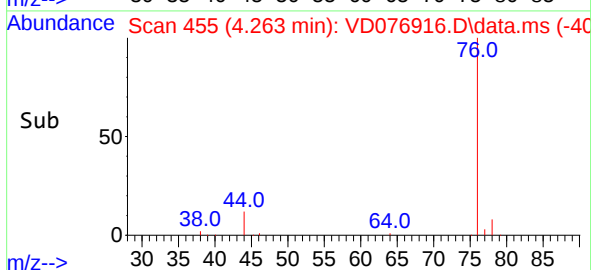
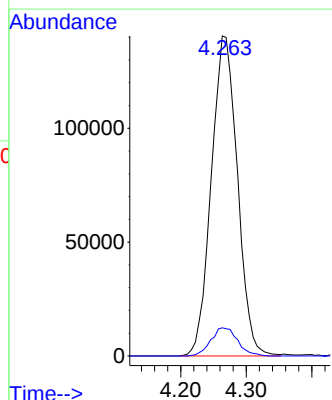
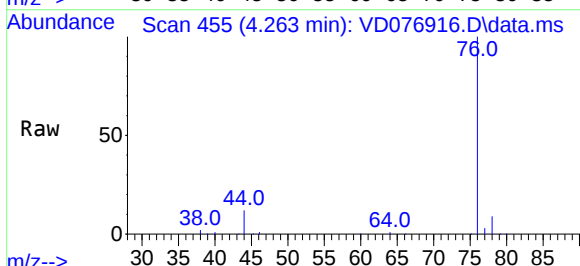
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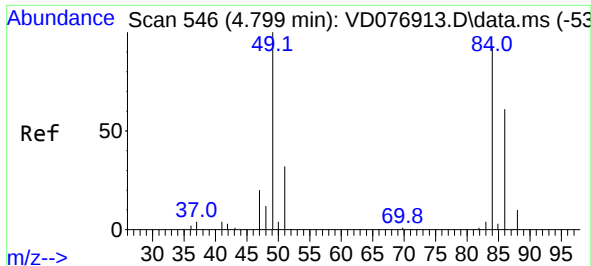
Tgt Ion: 76 Resp: 388928

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

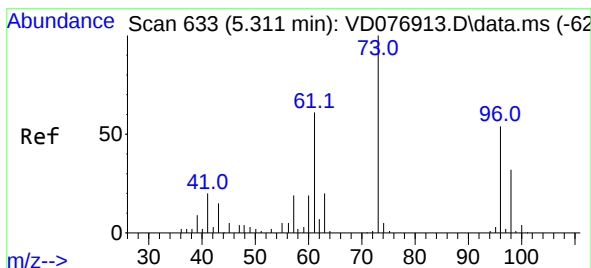
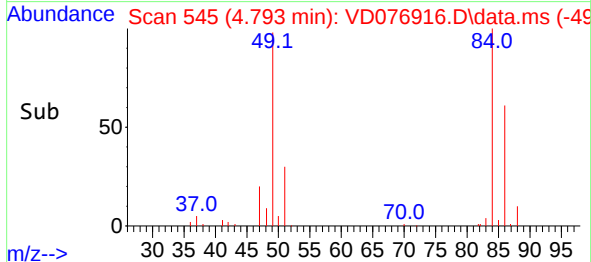
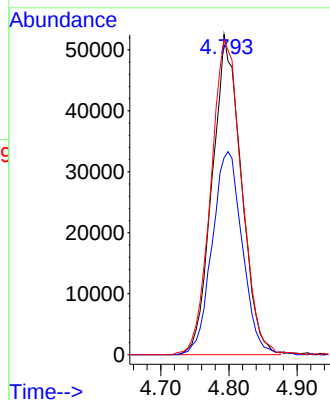
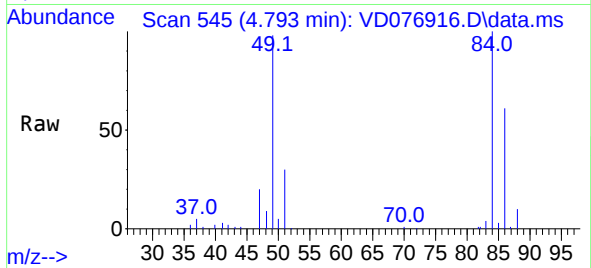




#16
Methylene chloride
Concen: 24.922 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

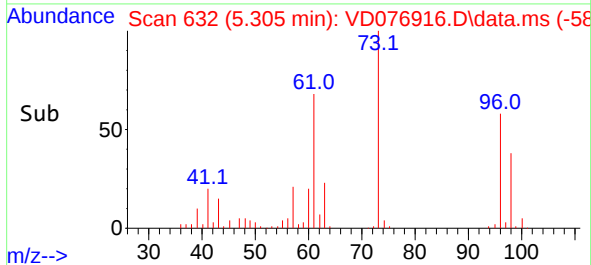
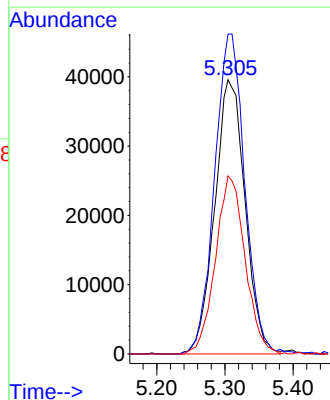
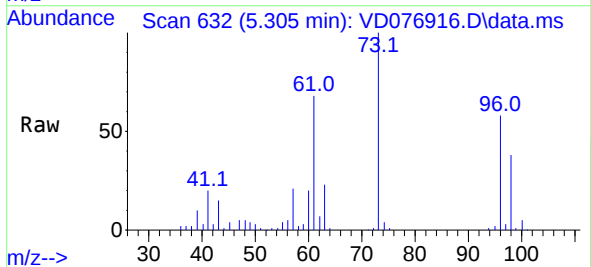
Instrument :
MSVOA_D
ClientSampleId :
VICV163

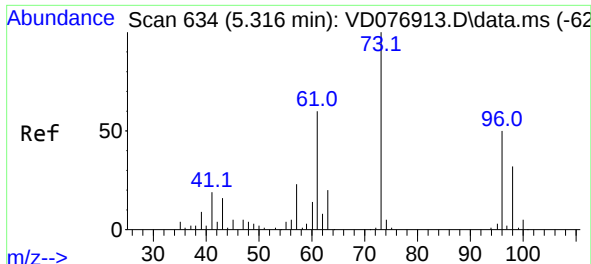
Tgt Ion: 84 Resp: 155545
Ion Ratio Lower Upper
84 100
86 61.5 45.1 83.9
49 98.4 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 24.787 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 96 Resp: 122843
Ion Ratio Lower Upper
96 100
61 116.7 94.5 175.5
98 64.9 46.0 85.4

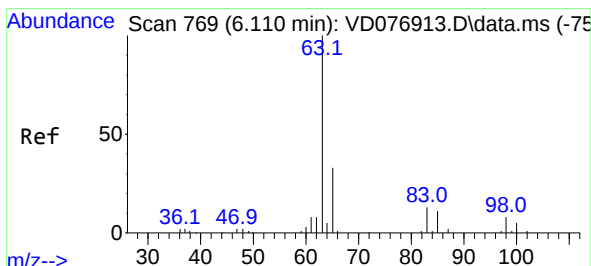
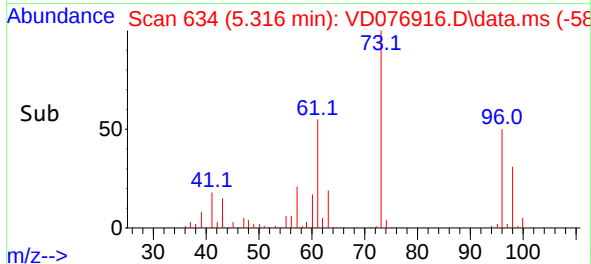
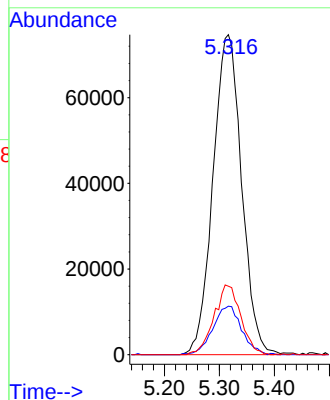
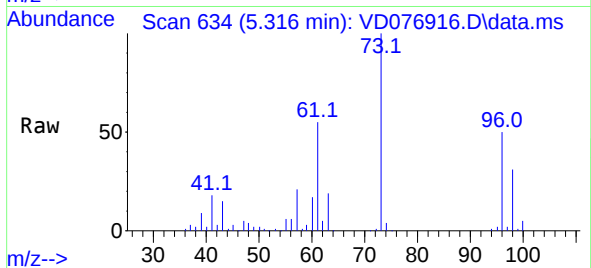




#18
Methyl tert-butyl Ether
Concen: 24.674 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

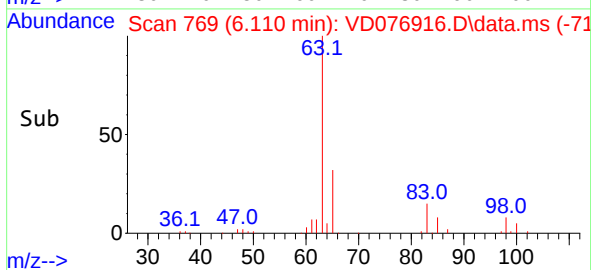
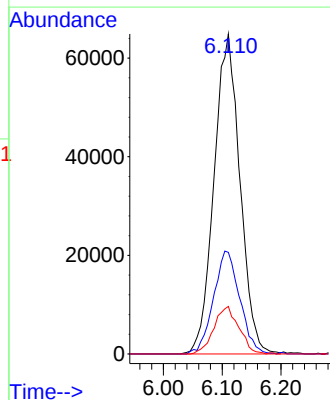
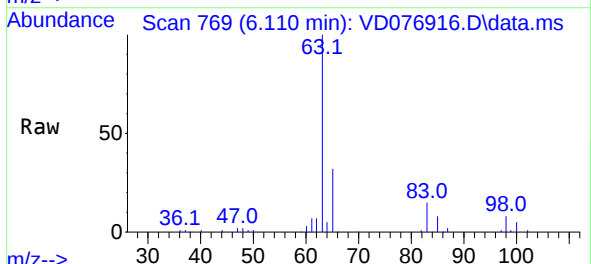
Instrument :
MSVOA_D
ClientSampleId :
VICV163

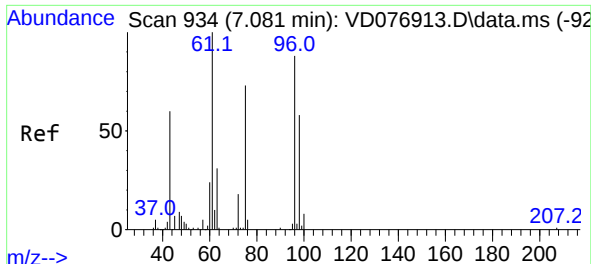
Tgt Ion: 73 Resp: 270151
Ion Ratio Lower Upper
73 100
43 15.2 7.2 10.8#
57 20.4 18.6 28.0



#19
1,1-Dichloroethane
Concen: 23.998 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 63 Resp: 198585
Ion Ratio Lower Upper
63 100
65 31.8 20.8 38.6
83 14.9 8.9 16.5

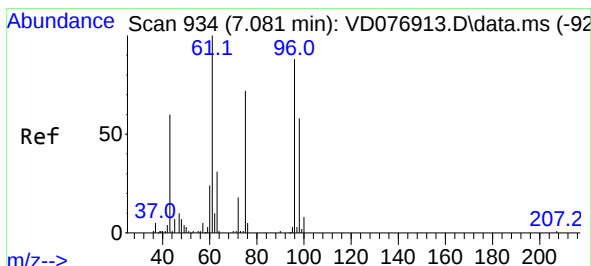
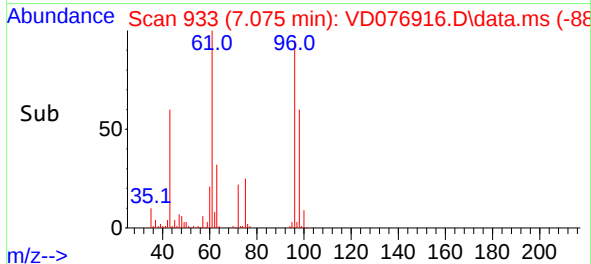
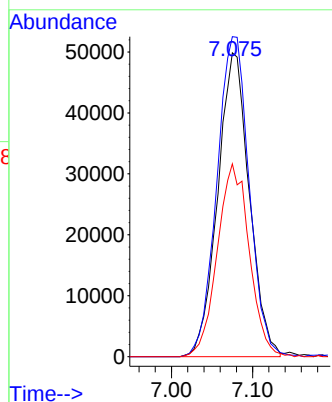
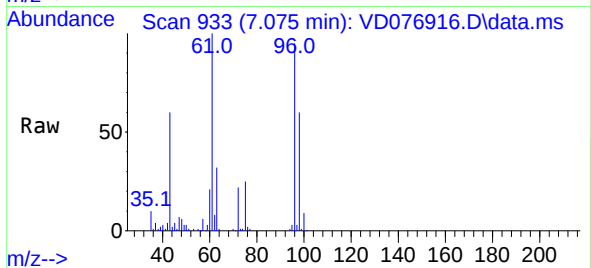




#20
cis-1,2-Dichloroethene
Concen: 24.355 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

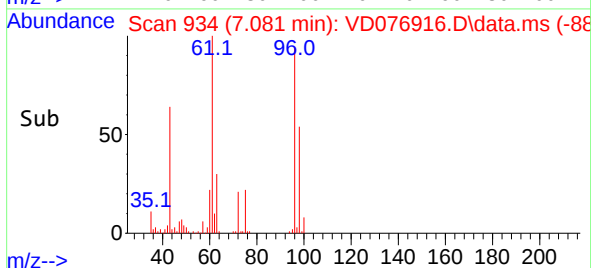
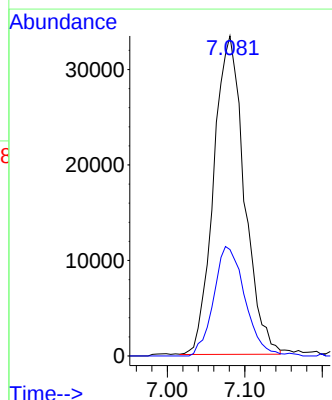
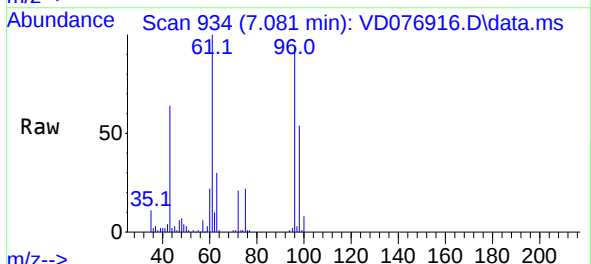
Instrument :
MSVOA_D
ClientSampleId :
VICV163

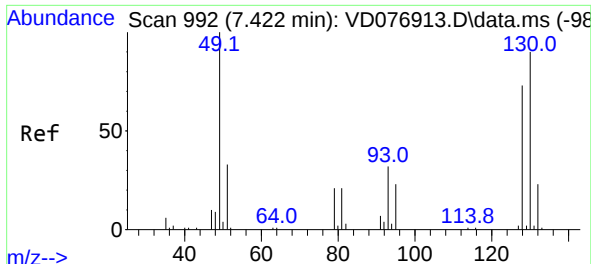
Tgt Ion: 96 Resp: 134742
Ion Ratio Lower Upper
96 100
61 105.3 86.0 159.6
98 63.5 42.2 78.4



#22
2-Butanone
Concen: 48.994 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

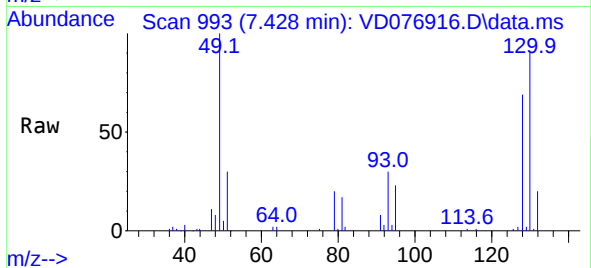
Tgt Ion: 43 Resp: 92083
Ion Ratio Lower Upper
43 100
72 34.9 12.9 38.7





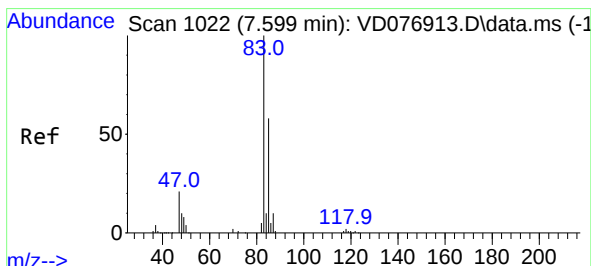
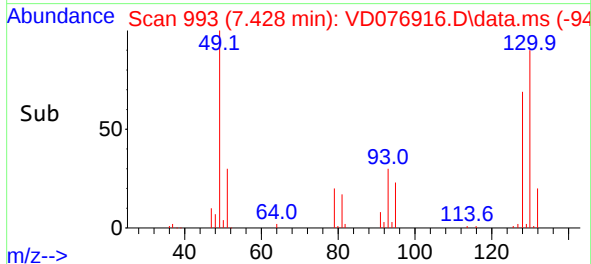
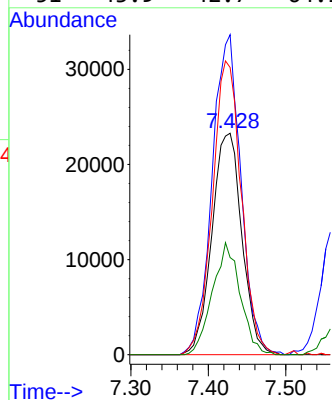
#23
Bromochloromethane
Concen: 23.374 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VICV163



Tgt Ion:128 Resp: 62721

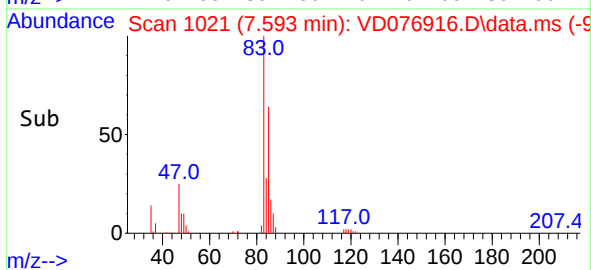
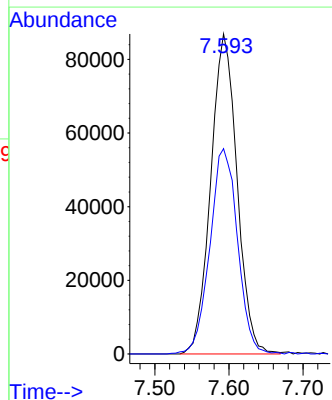
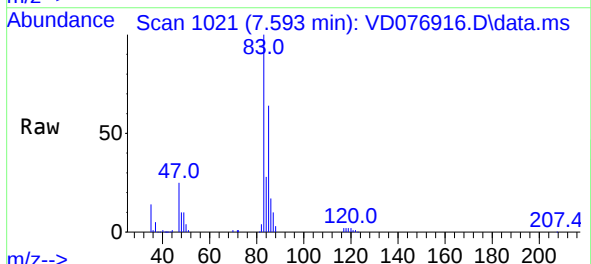
Ion	Ratio	Lower	Upper
128	100		
49	144.5	124.7	231.7
130	129.7	80.0	148.6
51	43.9	42.7	64.1

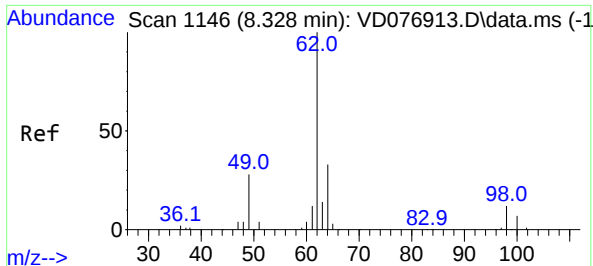


#25
Chloroform
Concen: 23.673 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 83 Resp: 214548

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.4	84.4

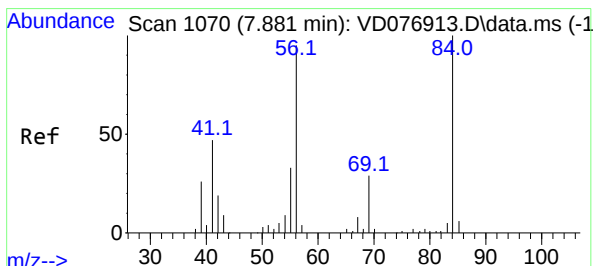
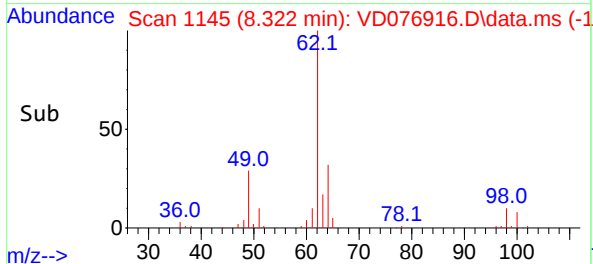
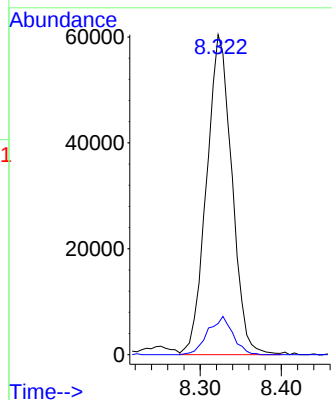
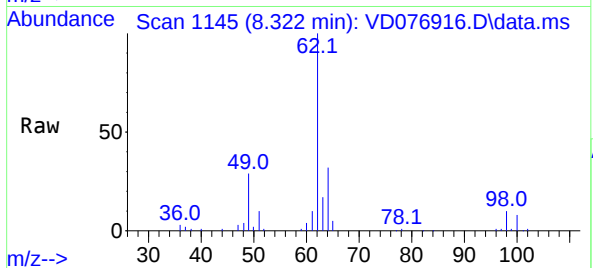




#27
1,2-Dichloroethane
Concen: 23.092 ug/L
RT: 8.322 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

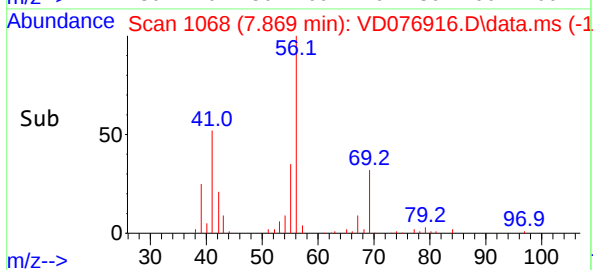
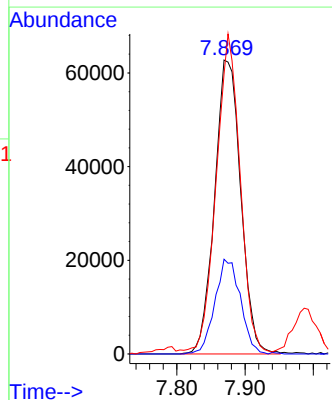
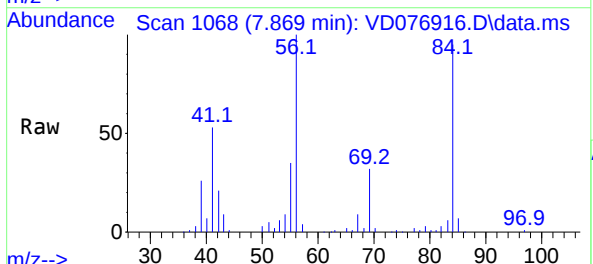
Instrument :
MSVOA_D
ClientSampleId :
VICV163

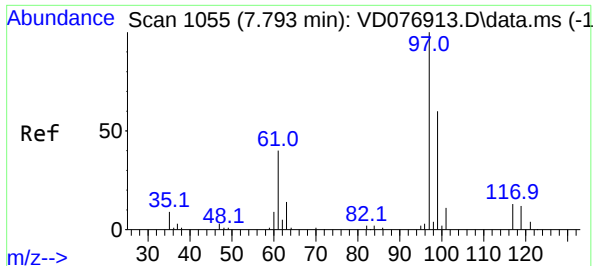
Tgt Ion: 62 Resp: 131167
Ion Ratio Lower Upper
62 100
98 9.8 8.7 13.1



#29
Cyclohexane
Concen: 25.595 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 56 Resp: 167682
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.0
84 100.4 66.3 99.5#

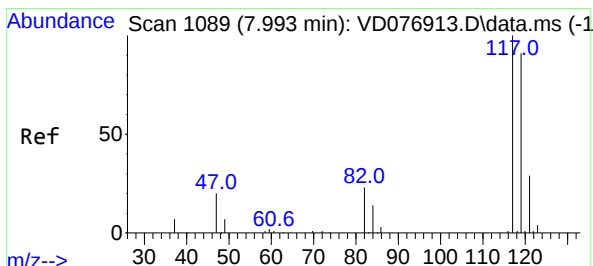
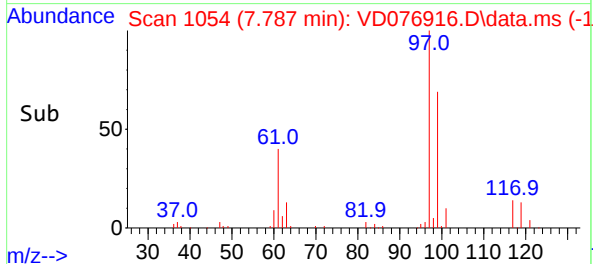
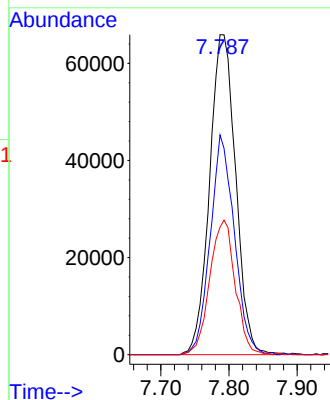
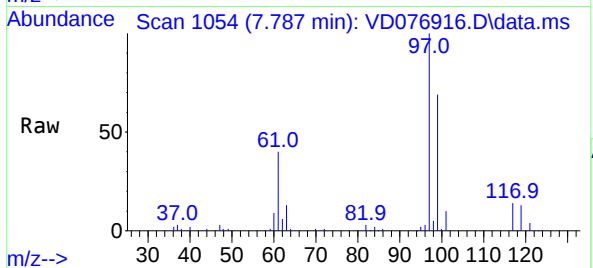




#30
1,1,1-Trichloroethane
Concen: 23.857 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

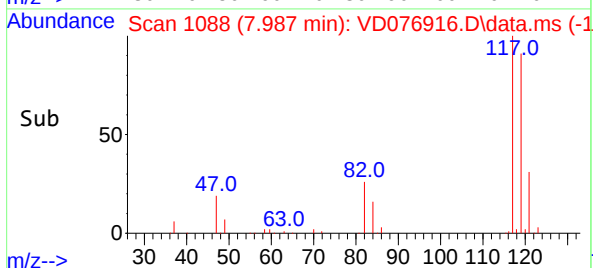
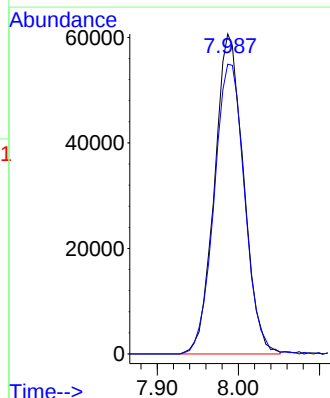
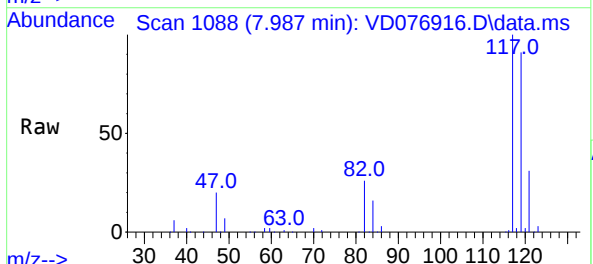
Instrument :
MSVOA_D
ClientSampleId :
VICV163

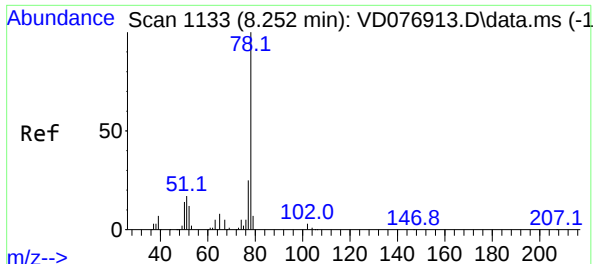
Tgt Ion: 97 Resp: 175928
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 41.1 36.4 54.6



#31
Carbon tetrachloride
Concen: 24.977 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

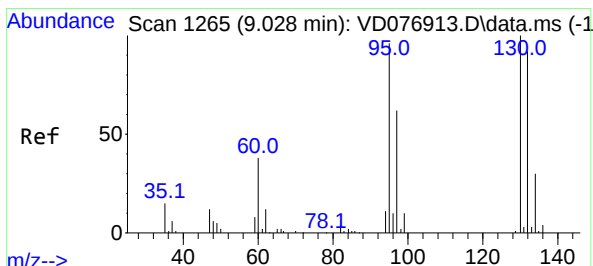
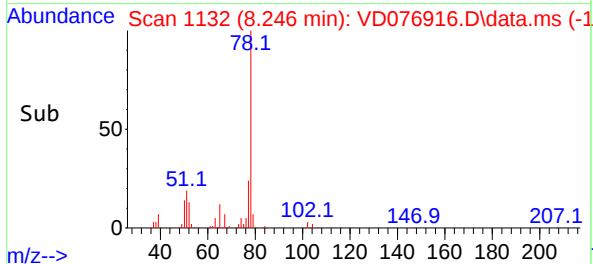
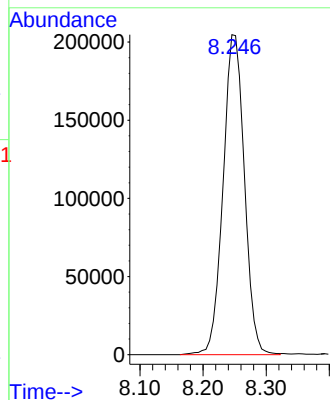
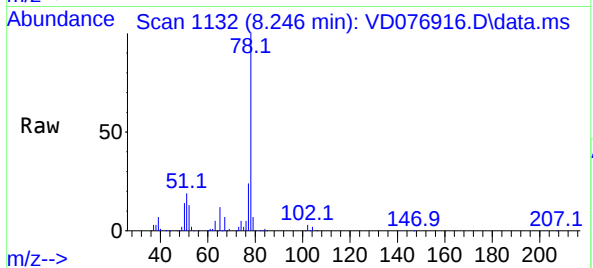
Tgt Ion: 117 Resp: 150743
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.6





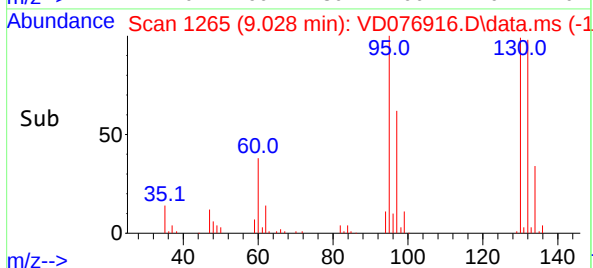
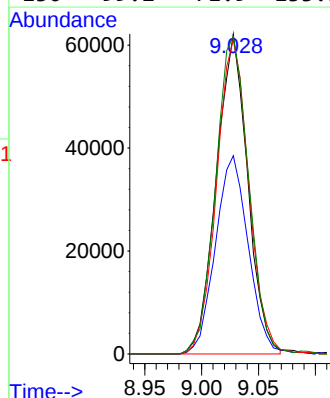
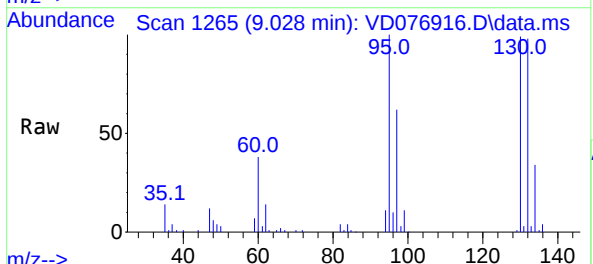
#33
Benzene
Concen: 24.617 ug/L
RT: 8.246 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42
Tgt Ion: 78 Resp: 480231

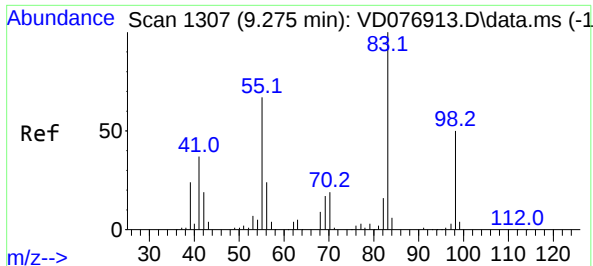
Instrument :
MSVOA_D
ClientSampleId :
VICV163



#34
Trichloroethene
Concen: 23.389 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 95 Resp: 118824
Ion Ratio Lower Upper
95 100
97 62.0 43.1 80.1
132 98.1 71.8 133.4
130 99.2 71.9 133.5

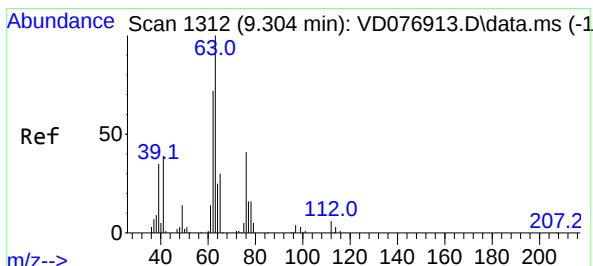
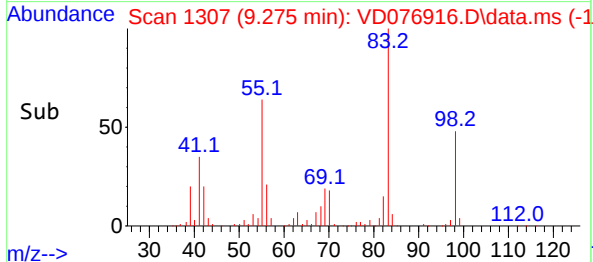
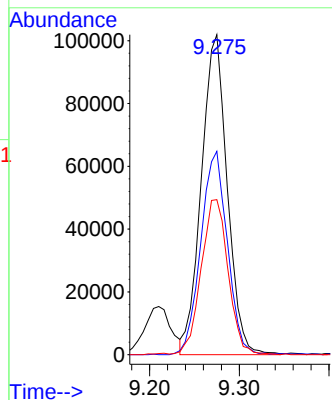
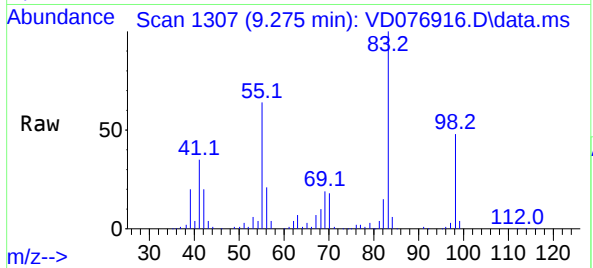




#35
Methylcyclohexane
Concen: 24.652 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

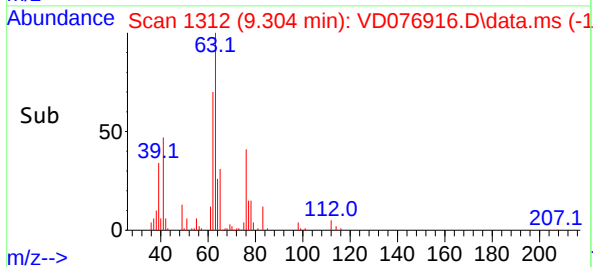
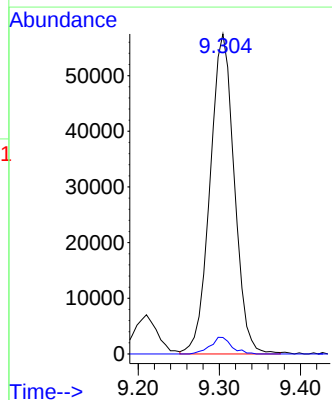
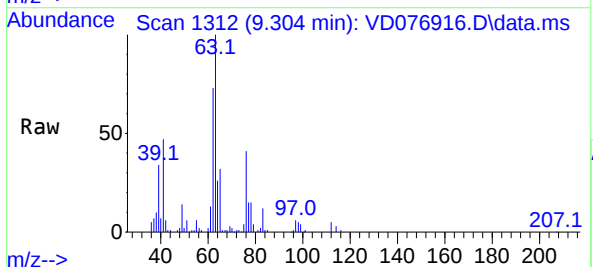
Instrument :
MSVOA_D
ClientSampleId :
VICV163

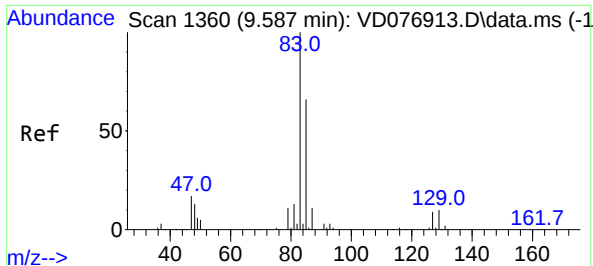
Tgt Ion: 83 Resp: 204239
Ion Ratio Lower Upper
83 100
55 65.1 59.8 89.6
98 50.5 37.8 56.6



#37
1,2-Dichloropropane
Concen: 24.117 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 63 Resp: 119513
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7

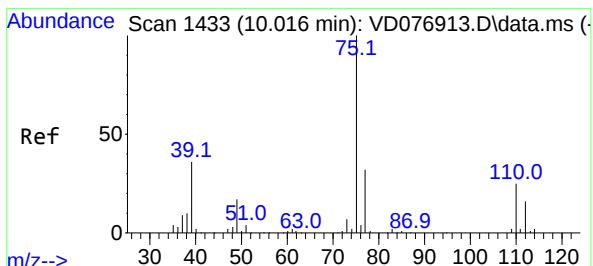
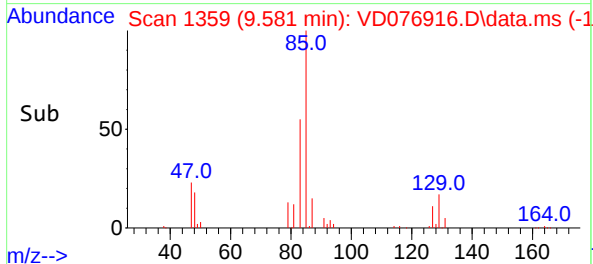
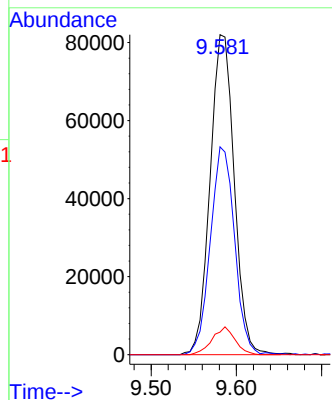
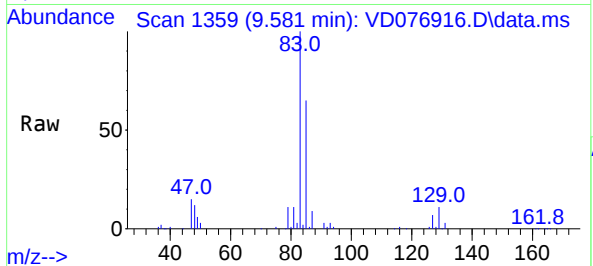




#38
Bromodichloromethane
Concen: 23.695 ug/L
RT: 9.581 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

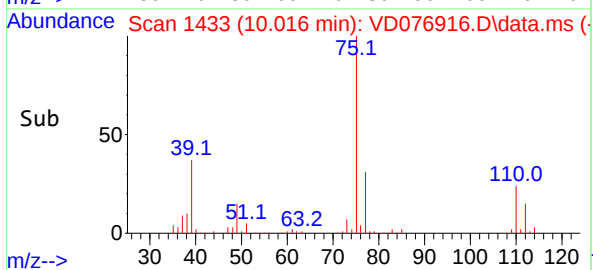
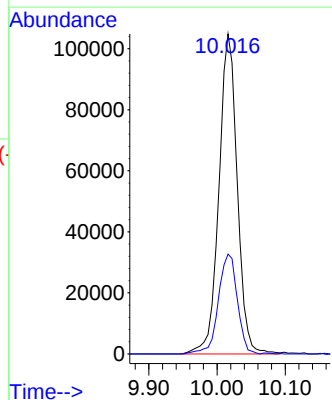
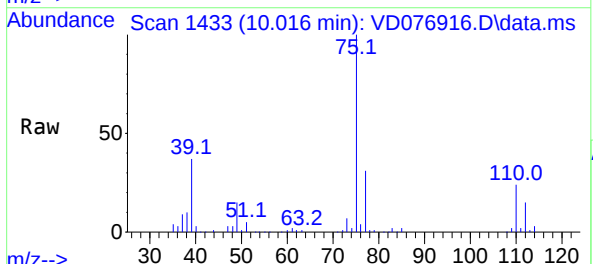
Instrument :
MSVOA_D
ClientSampleId :
VICV163

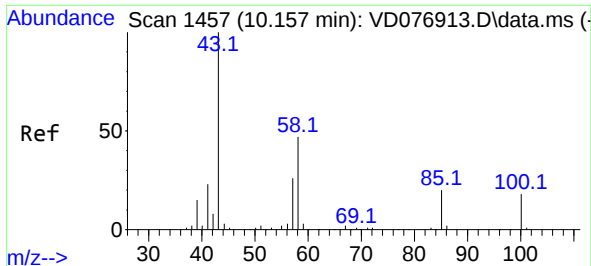
Tgt Ion: 83 Resp: 161701
Ion Ratio Lower Upper
83 100
85 65.0 43.9 81.5
127 7.0 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 24.559 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 75 Resp: 196417
Ion Ratio Lower Upper
75 100
77 31.2 22.7 42.3

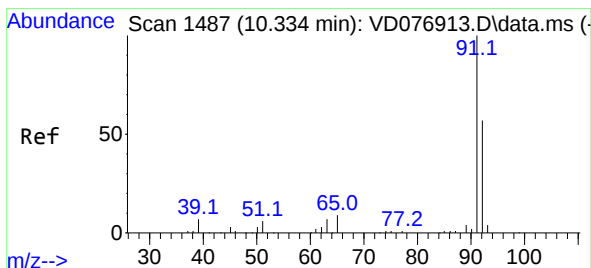
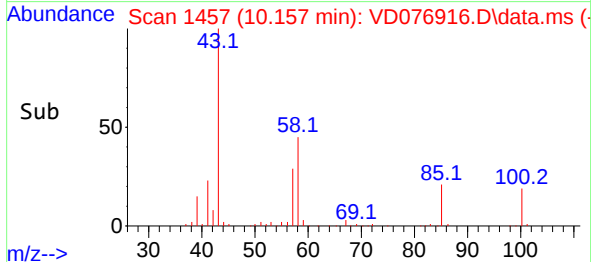
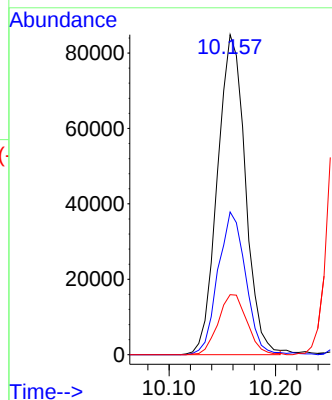
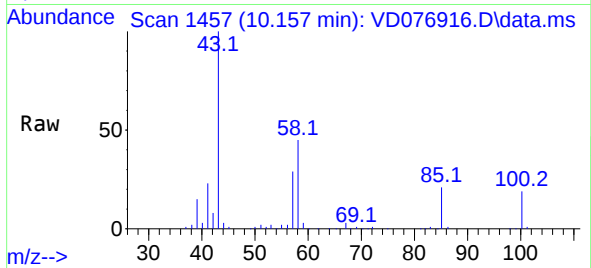




#40
4-Methyl-2-pentanone
Concen: 49.500 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

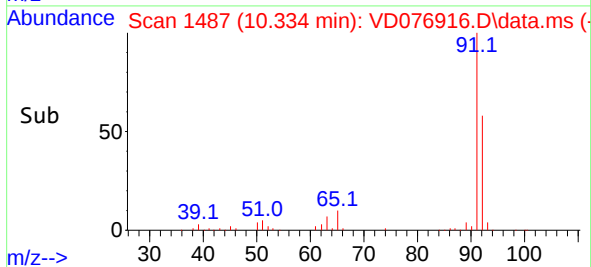
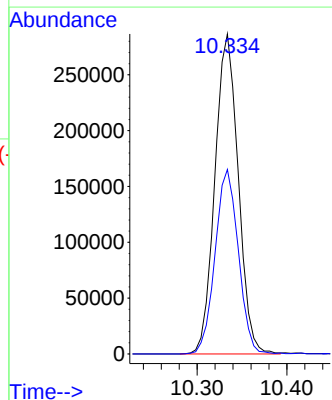
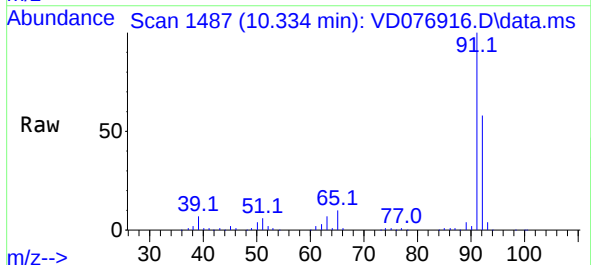
Instrument :
MSVOA_D
ClientSampleId :
VICV163

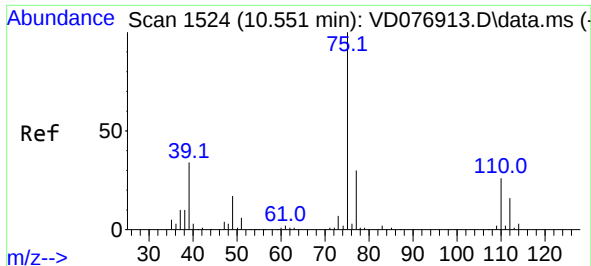
Tgt Ion: 43 Resp: 154556
Ion Ratio Lower Upper
43 100
58 44.2 30.7 46.1
100 19.4 11.0 16.4#



#42
Toluene
Concen: 24.394 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 91 Resp: 517466
Ion Ratio Lower Upper
91 100
92 57.6 39.3 73.1

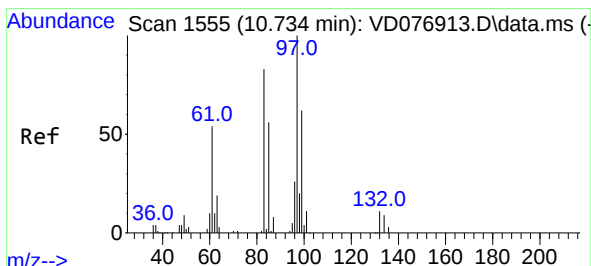
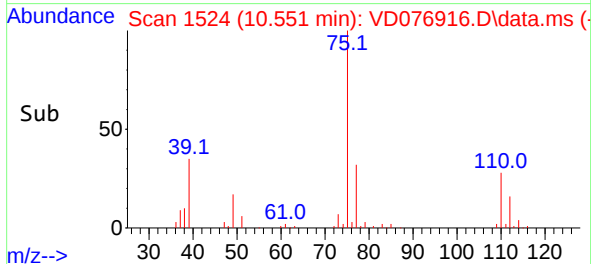
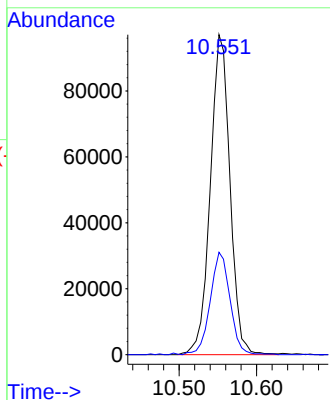
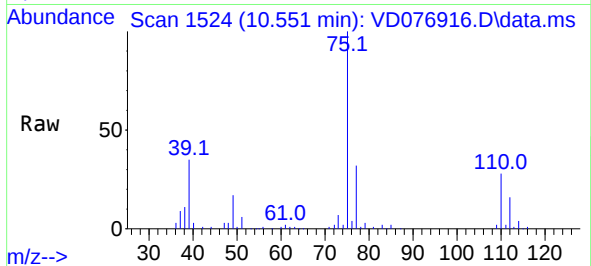




#44
trans-1,3-Dichloropropene
Concen: 24.471 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

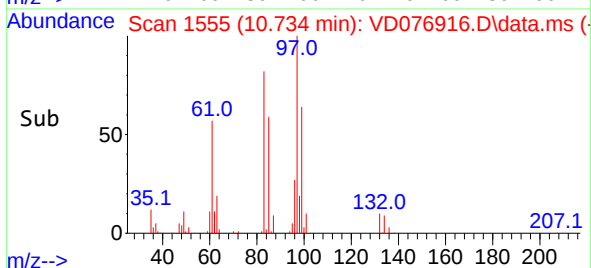
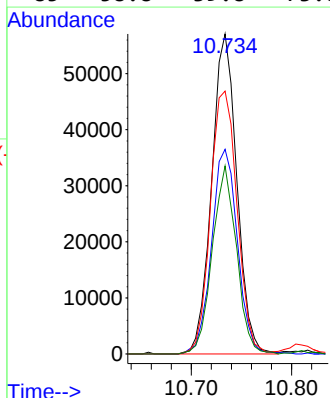
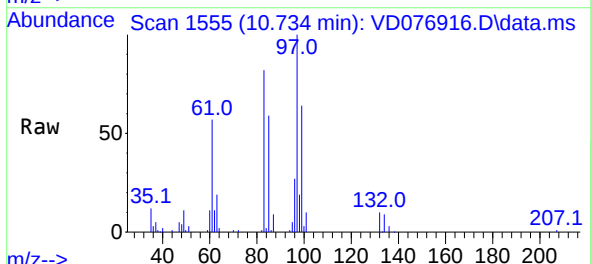
Instrument :
MSVOA_D
ClientSampleId :
VICV163

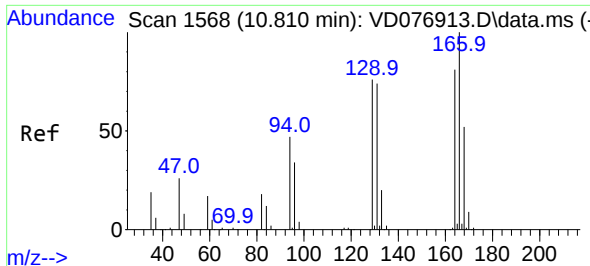
Tgt Ion: 75 Resp: 171048
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 22.606 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

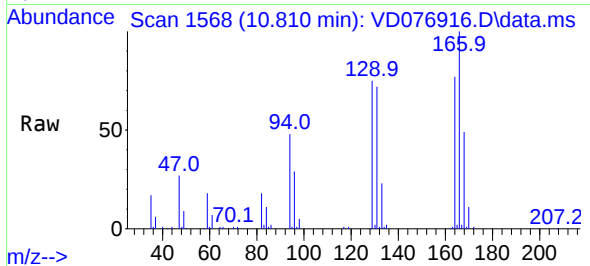
Tgt Ion: 97 Resp: 99560
Ion Ratio Lower Upper
97 100
99 64.0 41.9 77.9
83 82.2 59.2 110.0
85 58.8 39.8 73.8





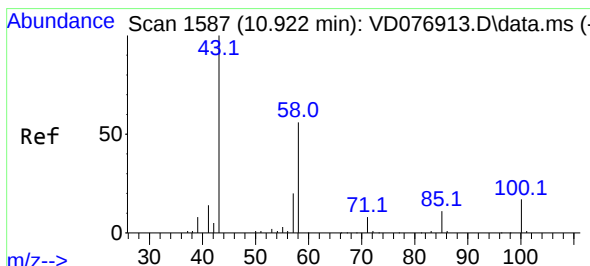
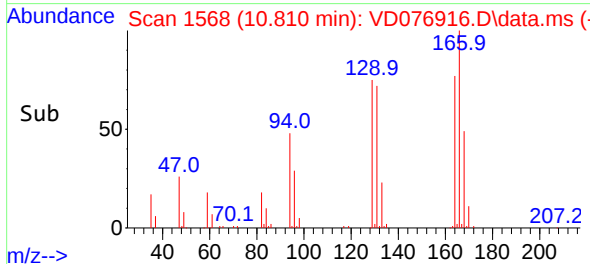
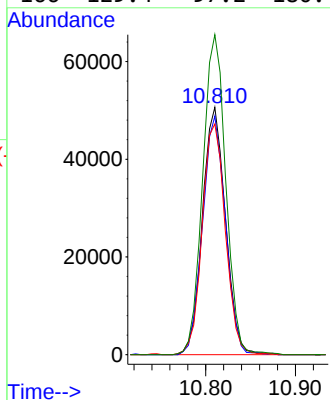
#46
Tetrachloroethene
Concen: 23.582 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VICV163



Tgt Ion:164 Resp: 90291

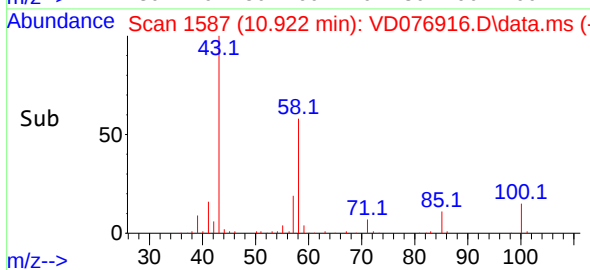
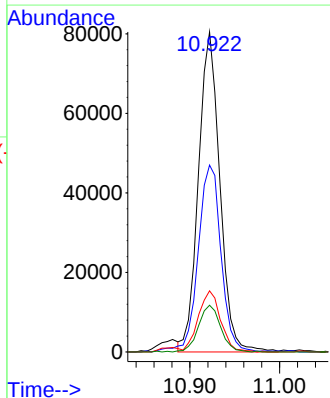
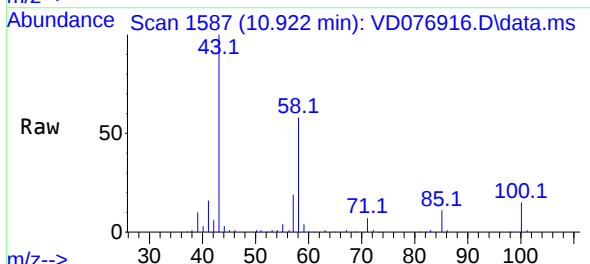
Ion	Ratio	Lower	Upper
164	100		
129	96.4	65.5	121.6
131	93.3	64.8	120.3
166	129.4	97.2	180.4

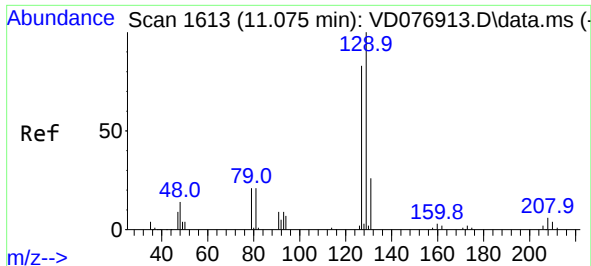


#48
2-Hexanone
Concen: 55.652 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 43 Resp: 133629

Ion	Ratio	Lower	Upper
43	100		
58	62.5	42.9	64.3
57	19.9	13.7	20.5
100	15.0	9.4	14.0

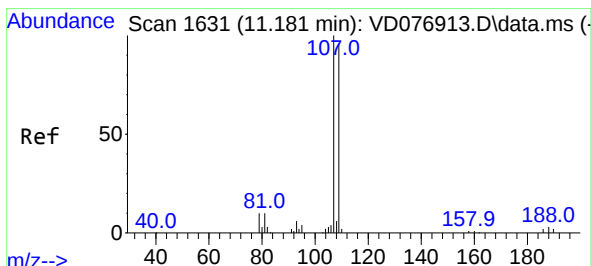
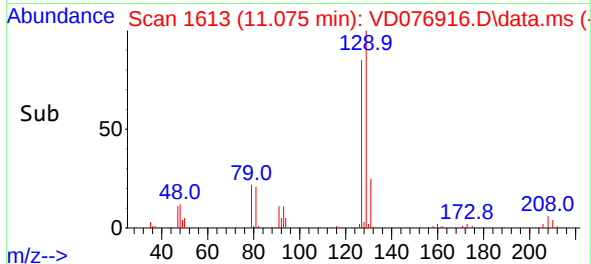
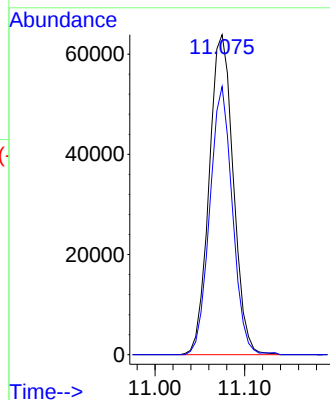
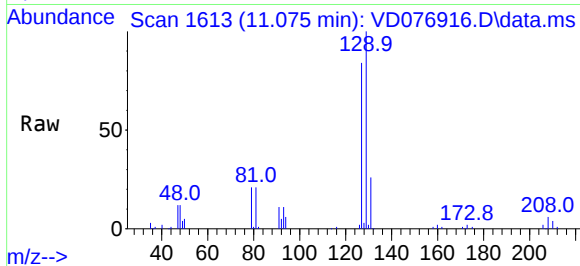




#49
Dibromochloromethane
Concen: 24.405 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

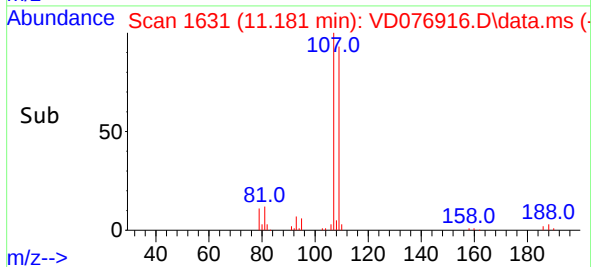
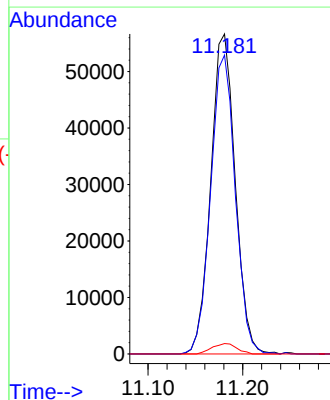
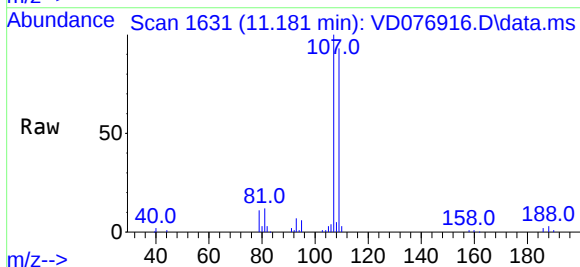
Instrument :
MSVOA_D
ClientSampleId :
VICV163

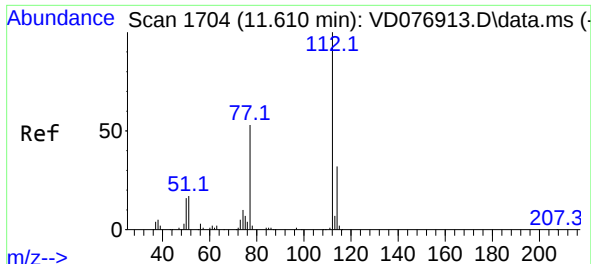
Tgt Ion:129 Resp: 119578
Ion Ratio Lower Upper
129 100
127 83.8 55.2 102.6



#50
1,2-Dibromoethane
Concen: 23.688 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion:107 Resp: 101750
Ion Ratio Lower Upper
107 100
109 93.4 58.8 109.2
188 3.2 2.9 4.3

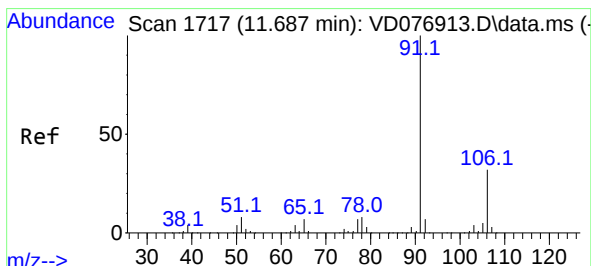
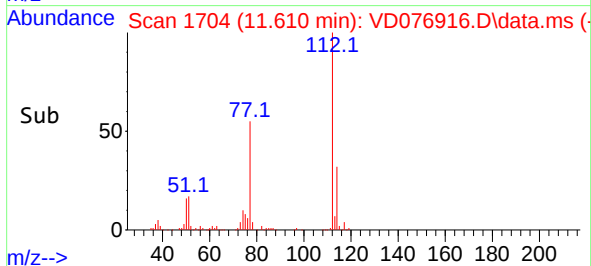
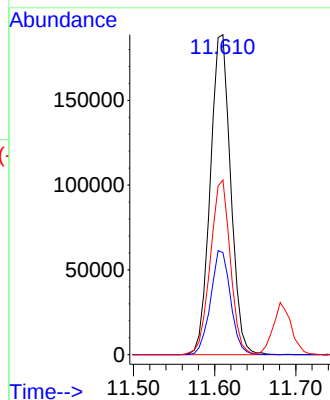
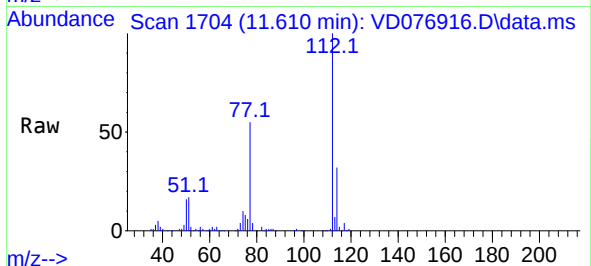




#51
Chlorobenzene
Concen: 23.811 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

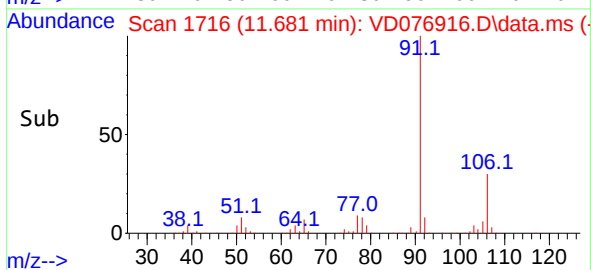
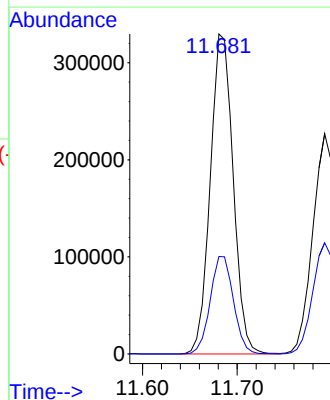
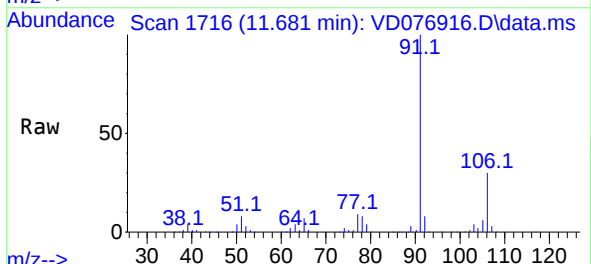
Instrument :
MSVOA_D
ClientSampleId :
VICV163

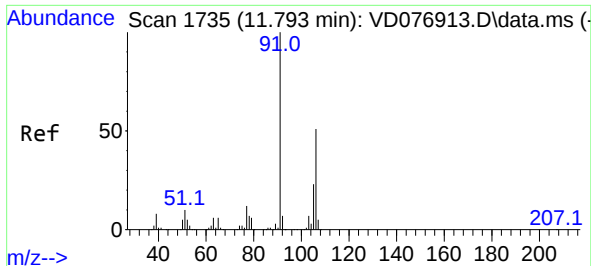
Tgt Ion:112 Resp: 329084
Ion Ratio Lower Upper
112 100
114 31.9 21.5 39.9
77 54.6 43.4 65.2



#52
Ethylbenzene
Concen: 24.504 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 91 Resp: 553892
Ion Ratio Lower Upper
91 100
106 30.5 22.4 41.6

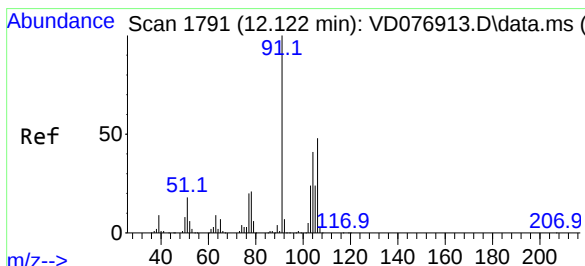
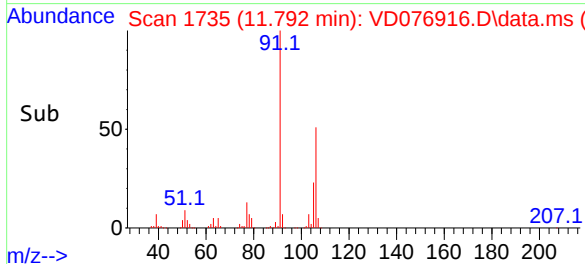
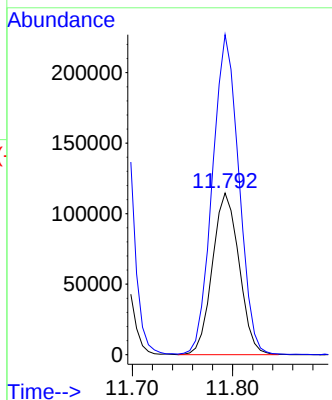
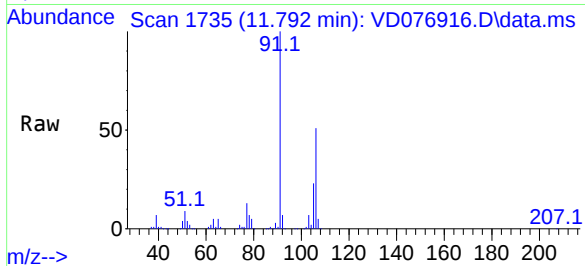




#53
m,p-Xylene
Concen: 24.284 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

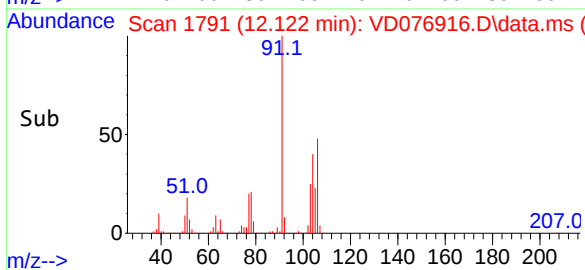
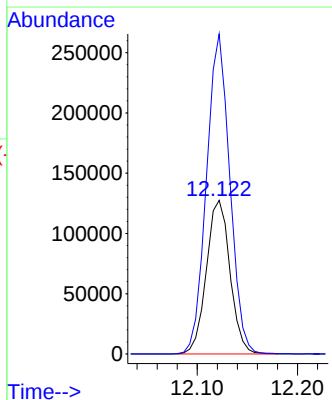
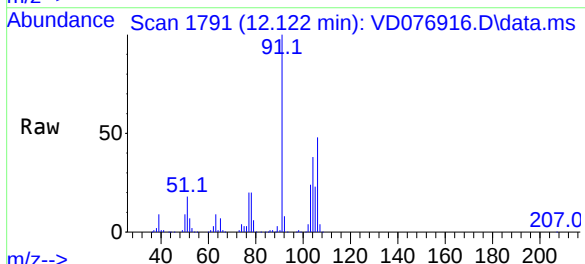
Instrument :
MSVOA_D
ClientSampleId :
VICV163

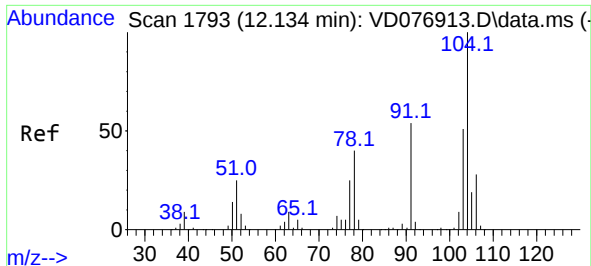
Tgt Ion:106 Resp: 211798
Ion Ratio Lower Upper
106 100
91 198.0 141.5 262.9



#54
o-Xylene
Concen: 24.841 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion:106 Resp: 208378
Ion Ratio Lower Upper
106 100
91 208.4 142.2 264.2

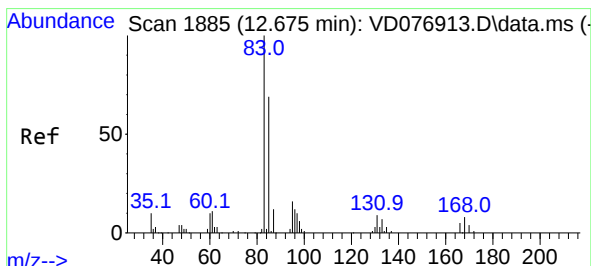
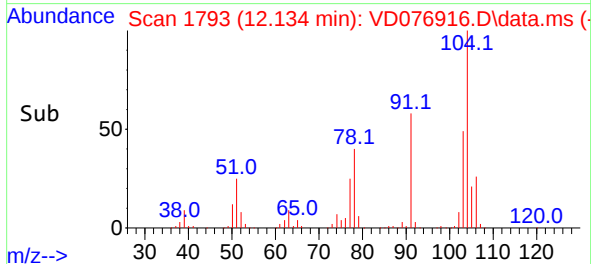
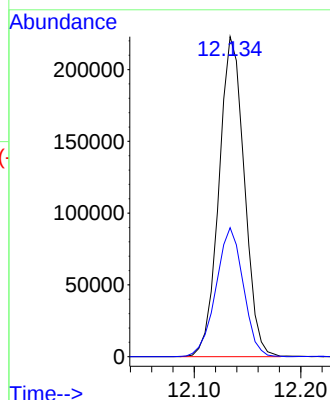
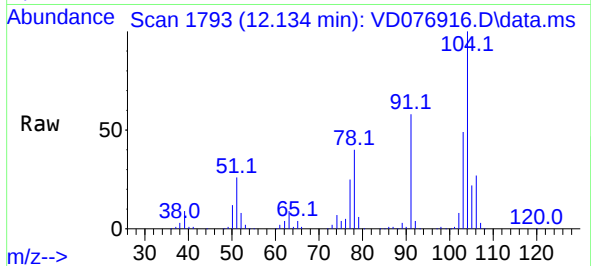




#55
Styrene
Concen: 24.329 ug/L
RT: 12.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

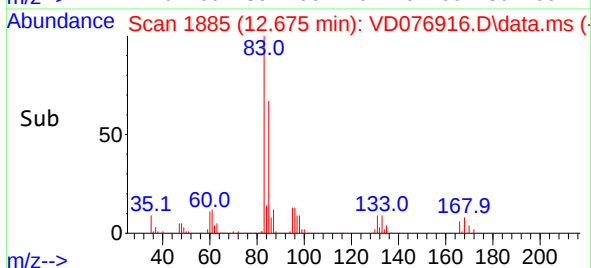
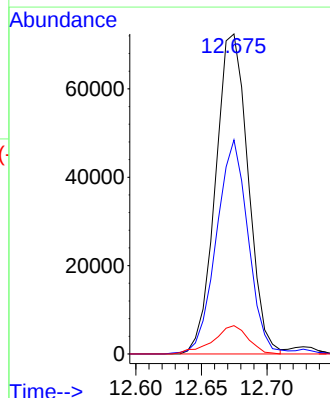
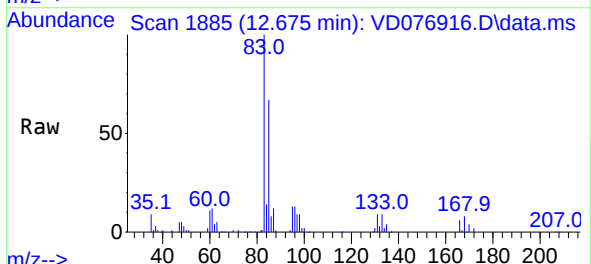
Instrument :
MSVOA_D
ClientSampleId :
VICV163

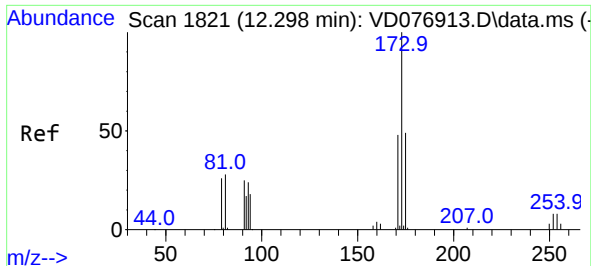
Tgt Ion:104 Resp: 369006
Ion Ratio Lower Upper
104 100
78 40.3 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 23.002 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 83 Resp: 125299
Ion Ratio Lower Upper
83 100
85 66.9 46.3 86.1
131 8.9 7.0 10.4

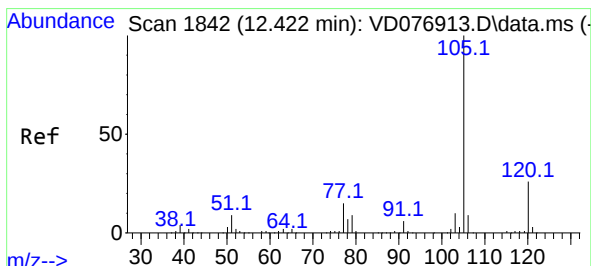
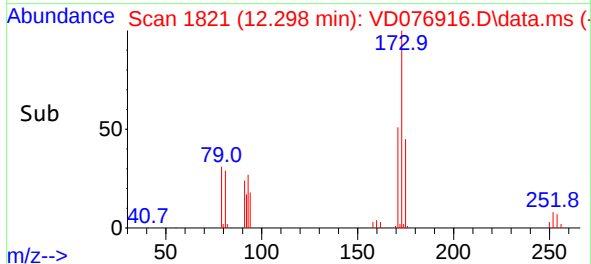
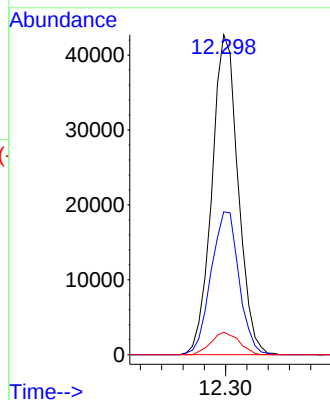
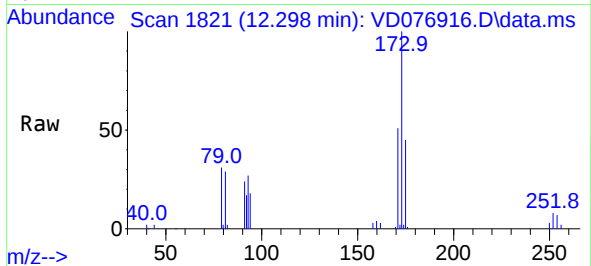




#59
Bromoform
Concen: 24.200 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

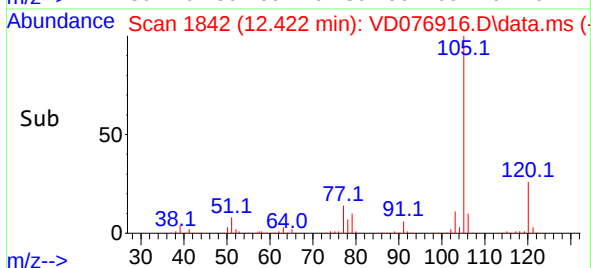
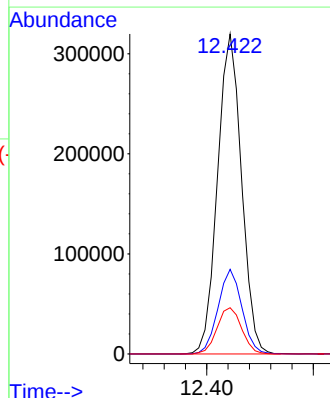
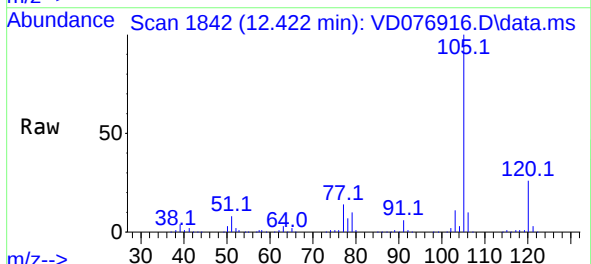
Instrument :
MSVOA_D
ClientSampleId :
VICV163

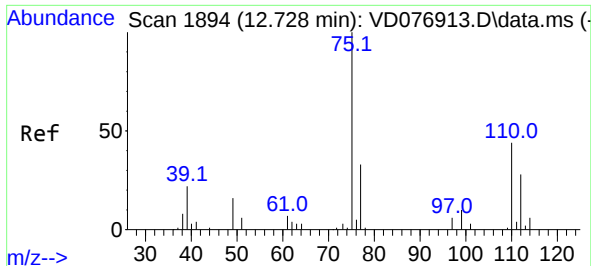
Tgt Ion:	173	Resp:	72959
Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.0	58.4
254	7.5	5.3	7.9



#60
Isopropylbenzene
Concen: 22.805 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion:	105	Resp:	498583
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9
77	14.8	12.2	18.4

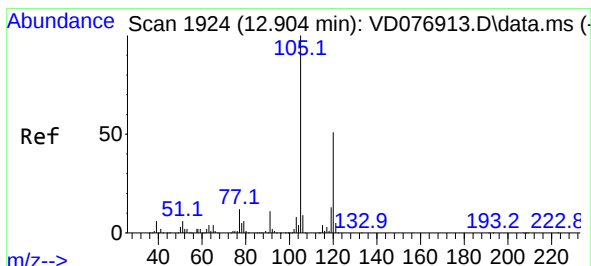
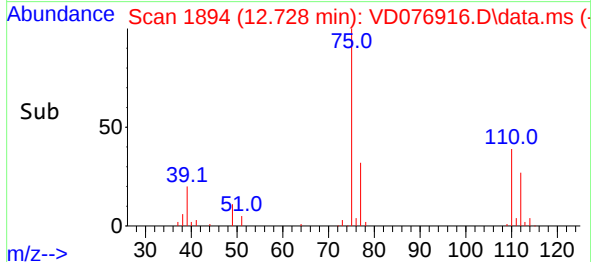
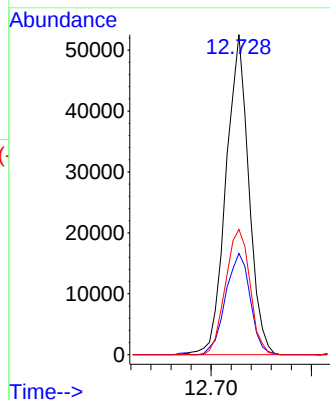
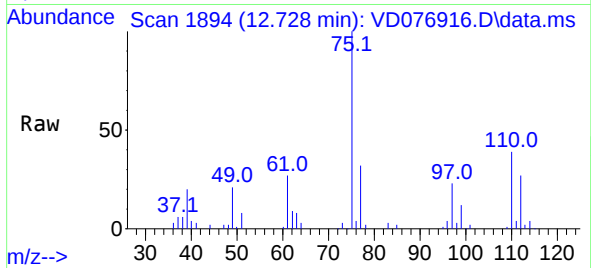




#61
1,2,3-Trichloropropane
Concen: 23.343 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

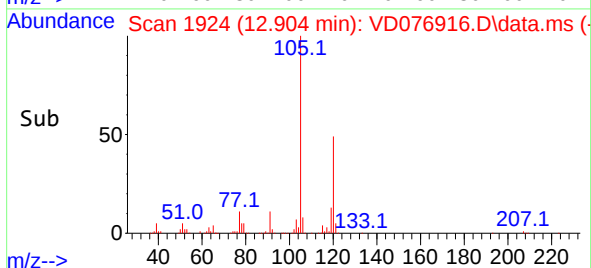
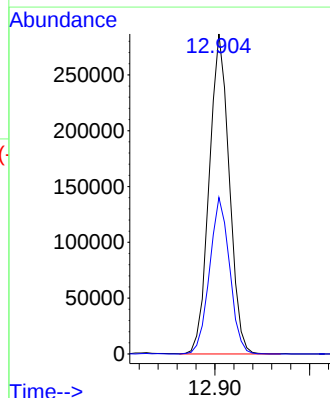
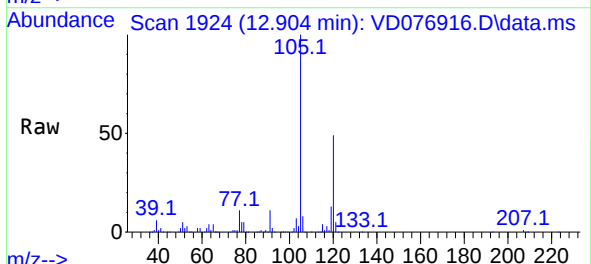
Instrument :
MSVOA_D
ClientSampleId :
VICV163

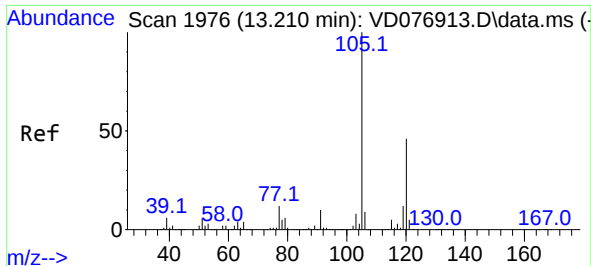
Tgt Ion: 75 Resp: 82820
Ion Ratio Lower Upper
75 100
77 34.3 27.2 40.8
110 41.8 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 25.303 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion: 105 Resp: 421423
Ion Ratio Lower Upper
105 100
120 48.8 39.8 59.6

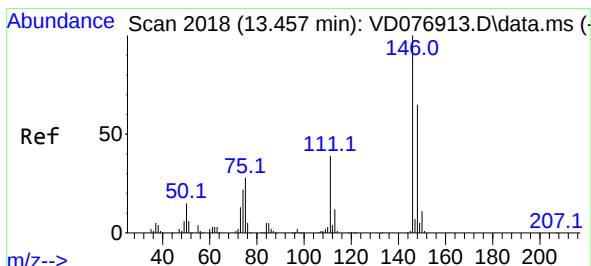
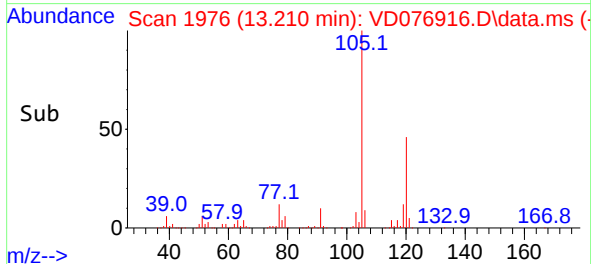
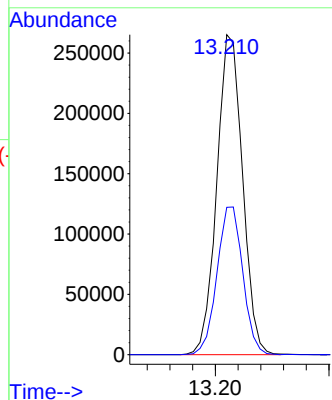
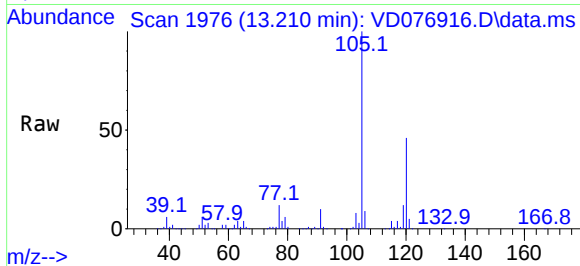




#63
1,2,4-Trimethylbenzene
Concen: 25.204 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

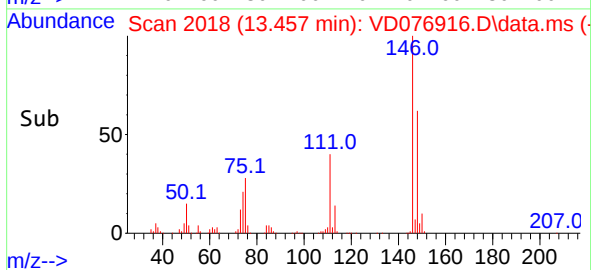
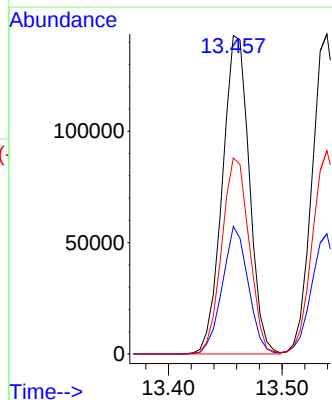
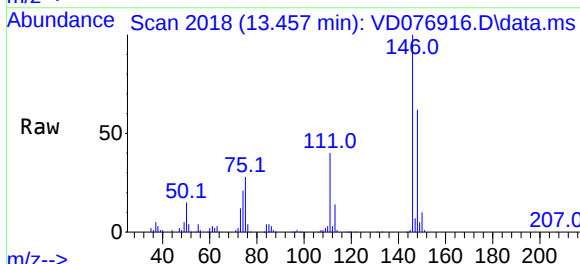
Instrument :
MSVOA_D
ClientSampleId :
VICV163

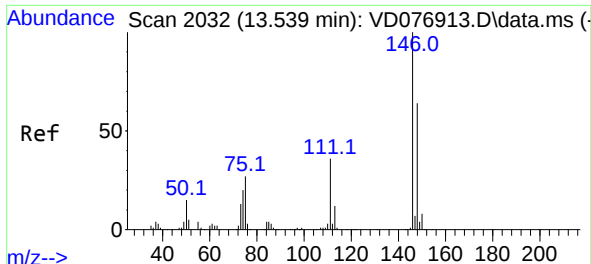
Tgt Ion:105 Resp: 417760
Ion Ratio Lower Upper
105 100
120 46.3 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 23.616 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion:146 Resp: 235633
Ion Ratio Lower Upper
146 100
111 40.0 25.6 47.4
148 61.6 44.3 82.3

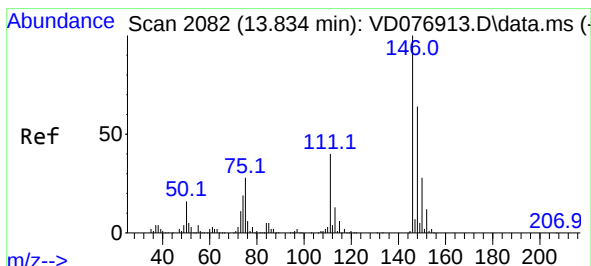
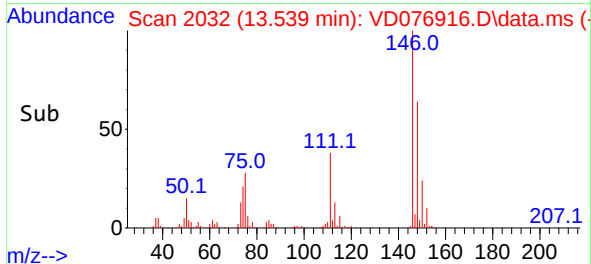
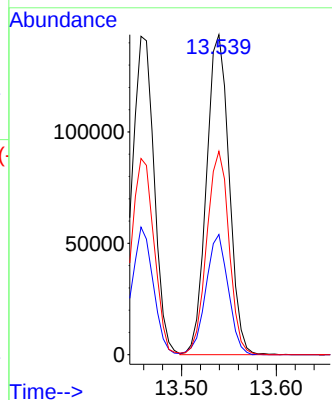
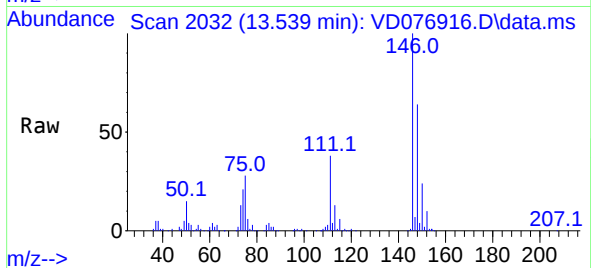




#65
1,4-Dichlorobenzene
Concen: 23.154 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

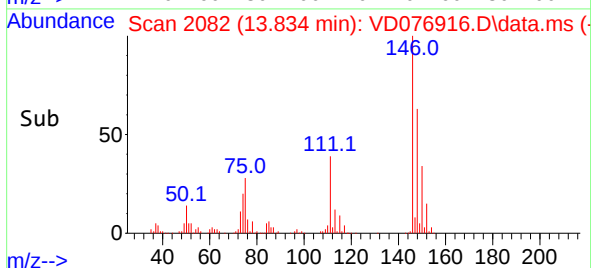
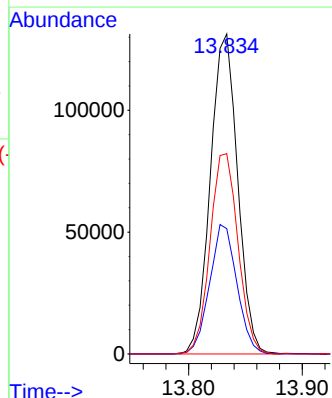
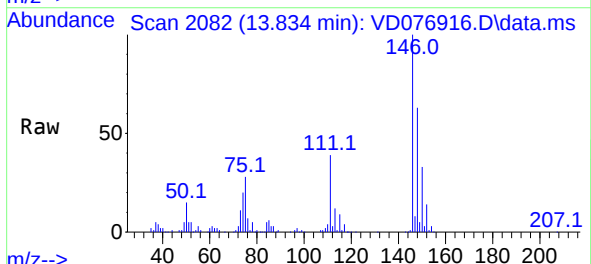
Instrument :
MSVOA_D
ClientSampleId :
VICV163

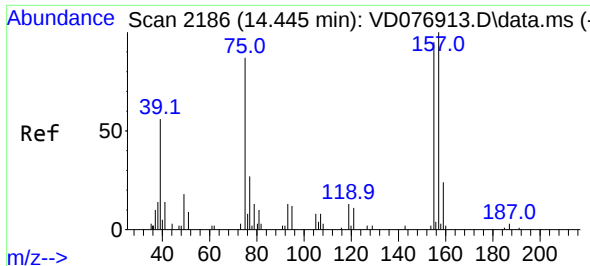
Tgt Ion:146 Resp: 238804
Ion Ratio Lower Upper
146 100
111 37.6 25.7 47.7
148 63.5 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 23.441 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion:146 Resp: 219259
Ion Ratio Lower Upper
146 100
111 39.2 31.3 46.9
148 62.6 51.7 77.5



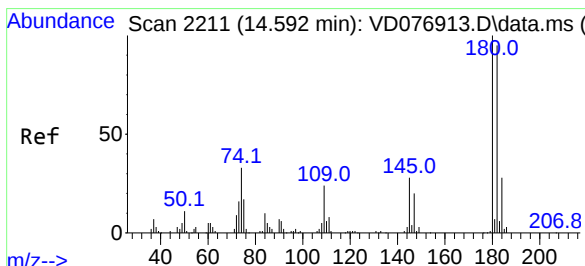
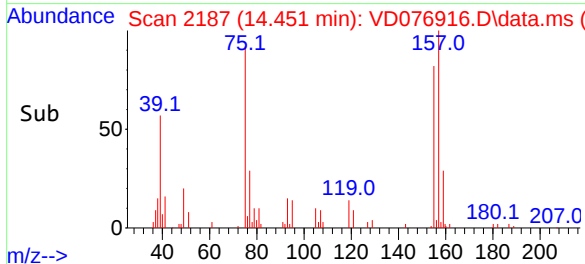
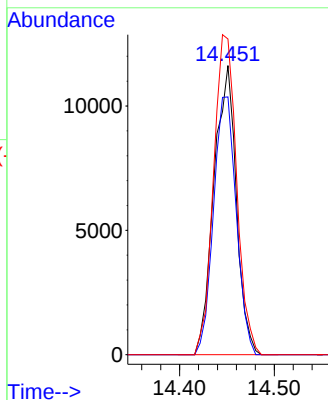
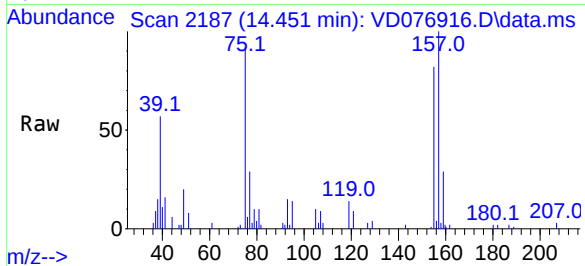


#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.432 ug/L
 RT: 14.451 min Scan# 2186
 Delta R.T. 0.006 min
 Lab File: VD076916.D
 Acq: 03 Aug 2023 12:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV163

Tgt Ion: 75 Resp: 19049

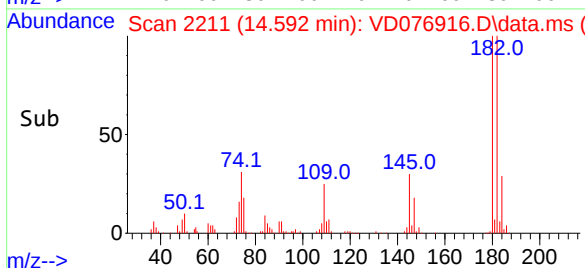
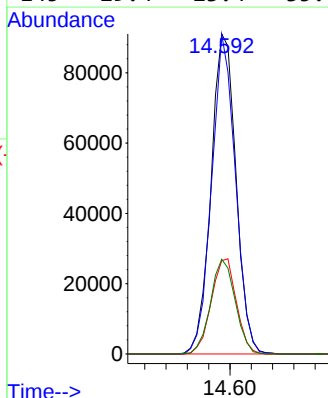
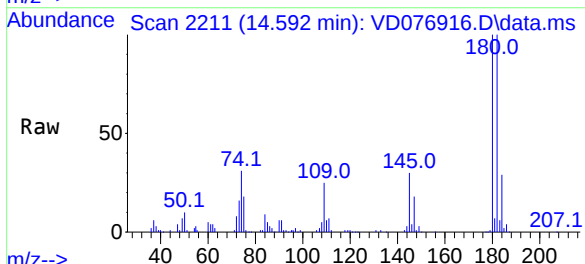
Ion	Ratio	Lower	Upper
75	100		
155	89.2	76.2	114.4
157	109.2	89.4	134.2

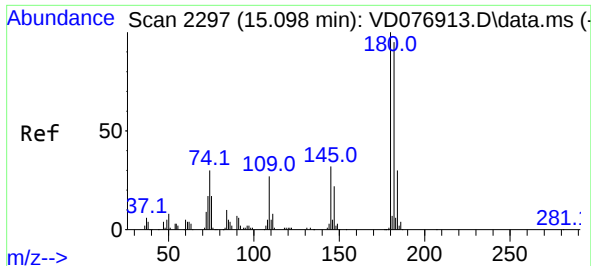


#69
 1,3,5-Trichlorobenzene
 Concen: 23.663 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD076916.D
 Acq: 03 Aug 2023 12:42

Tgt Ion: 180 Resp: 147748

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
184	29.9	25.0	37.4
145	29.4	23.4	35.0

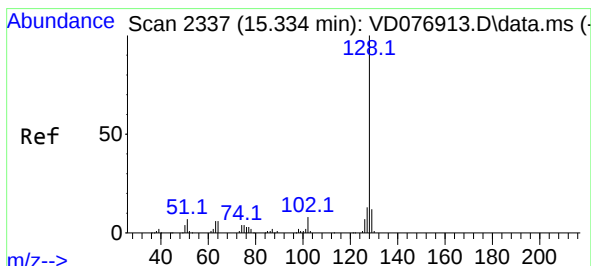
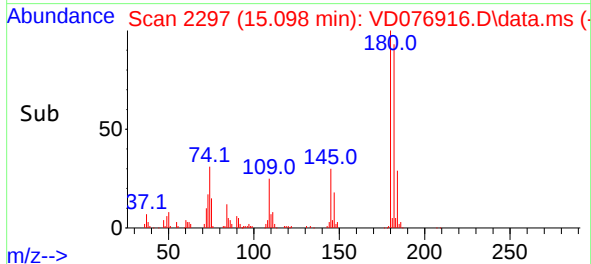
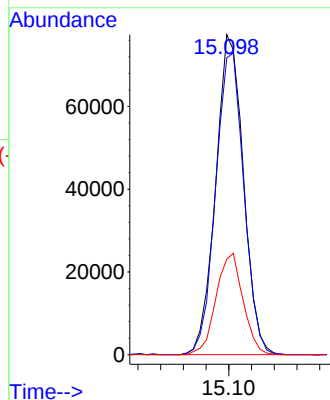
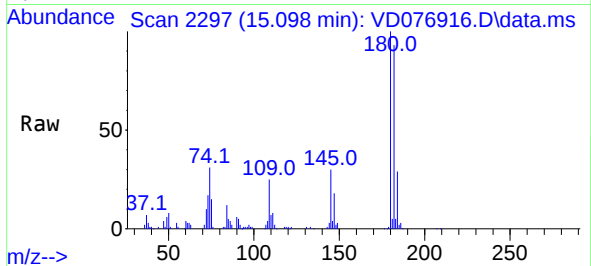




#70
1,2,4-trichlorobenzene
Concen: 23.877 ug/L
RT: 15.098 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

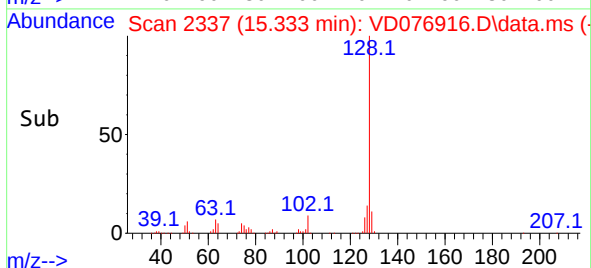
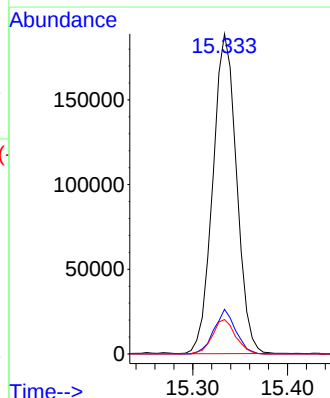
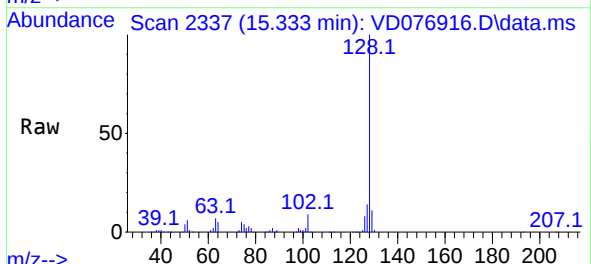
Instrument :
MSVOA_D
ClientSampleId :
VICV163

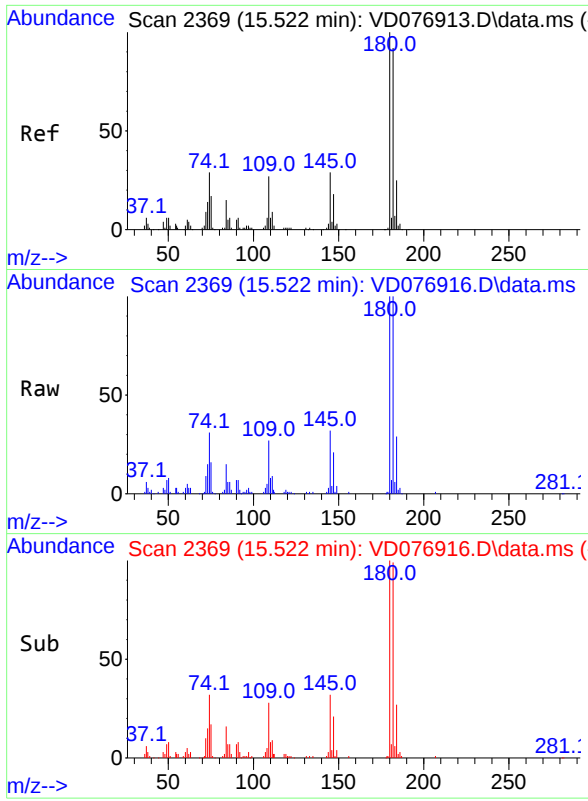
Tgt Ion:180	Resp:	131145
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.9 115.3
145	30.8	23.5 35.3



#71
Naphthalene
Concen: 25.471 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Tgt Ion:128	Resp:	328947
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.8 16.2
129	10.6	8.6 12.8





#72
1,2,3-Trichlorobenzene
Concen: 24.512 ug/L
RT: 15.522 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076916.D
Acq: 03 Aug 2023 12:42

Instrument :
MSVOA_D
ClientSampleId :
VICV163

Tgt Ion:	180	Resp:	122095
Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.3	111.5
145	31.4	25.0	37.6

