

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076663.D
 Acq On : 30 Jun 2023 15:27
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025167

Quant Time: Jul 03 01:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	198819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	179979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	90413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	97557	20.149	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.600%		
7) Chloroethane-d5	2.799	69	80594	20.586	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.360%		
11) 1,1-Dichloroethene-d2	3.911	65	29165	23.076	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.320%		
21) 2-Butanone-d5	6.981	46	36403	49.644	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.280%		
24) Chloroform-d	7.563	84	131896	25.180	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.720%		
26) 1,2-Dichloroethane-d4	8.234	65	65459	25.332	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.320%		
32) Benzene-d6	8.199	84	249457	22.658	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.640%		
36) 1,2-Dichloropropane-d6	9.210	67	80382	22.873	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.480%		
41) Toluene-d8	10.269	98	235411	23.092	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.360%		
43) trans-1,3-Dichloroprop...	10.522	79	32939	22.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.120%		
47) 2-Hexanone-d5	10.875	63	27294	50.034	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.060%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64785	25.912	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.640%		
66) 1,2-Dichlorobenzene-d4	13.816	152	78116	23.571	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	89820	28.992	ug/L	100
3) Chloromethane	2.146	50	124731	24.218	ug/L	97
5) Vinyl chloride	2.281	62	136790	24.620	ug/L	91
6) Bromomethane	2.687	94	74851	24.323	ug/L	96
8) Chloroethane	2.834	64	85649	25.167	ug/L	94
9) Trichlorofluoromethane	3.170	101	127728	31.795	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	79193	30.392	ug/L	98
12) 1,1-Dichloroethene	3.934	96	68922	26.710	ug/L	90
13) Acetone	4.022	43	27776	46.898	ug/L	70
14) Carbon disulfide	4.264	76	242938	25.973	ug/L	100
15) Methyl Acetate	4.558	43	35709	26.412	ug/L	94
16) Methylene chloride	4.793	84	82314	23.820	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	77980	27.107	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	174212	26.600	ug/L #	71
19) 1,1-Dichloroethane	6.111	63	140352	26.686	ug/L	98
20) cis-1,2-Dichloroethene	7.069	96	84581	26.326	ug/L	98
22) 2-Butanone	7.075	43	45403	47.503	ug/L	94
23) Bromochloromethane	7.422	128	37603	27.577	ug/L	96
25) Chloroform	7.593	83	145198	28.288	ug/L	99

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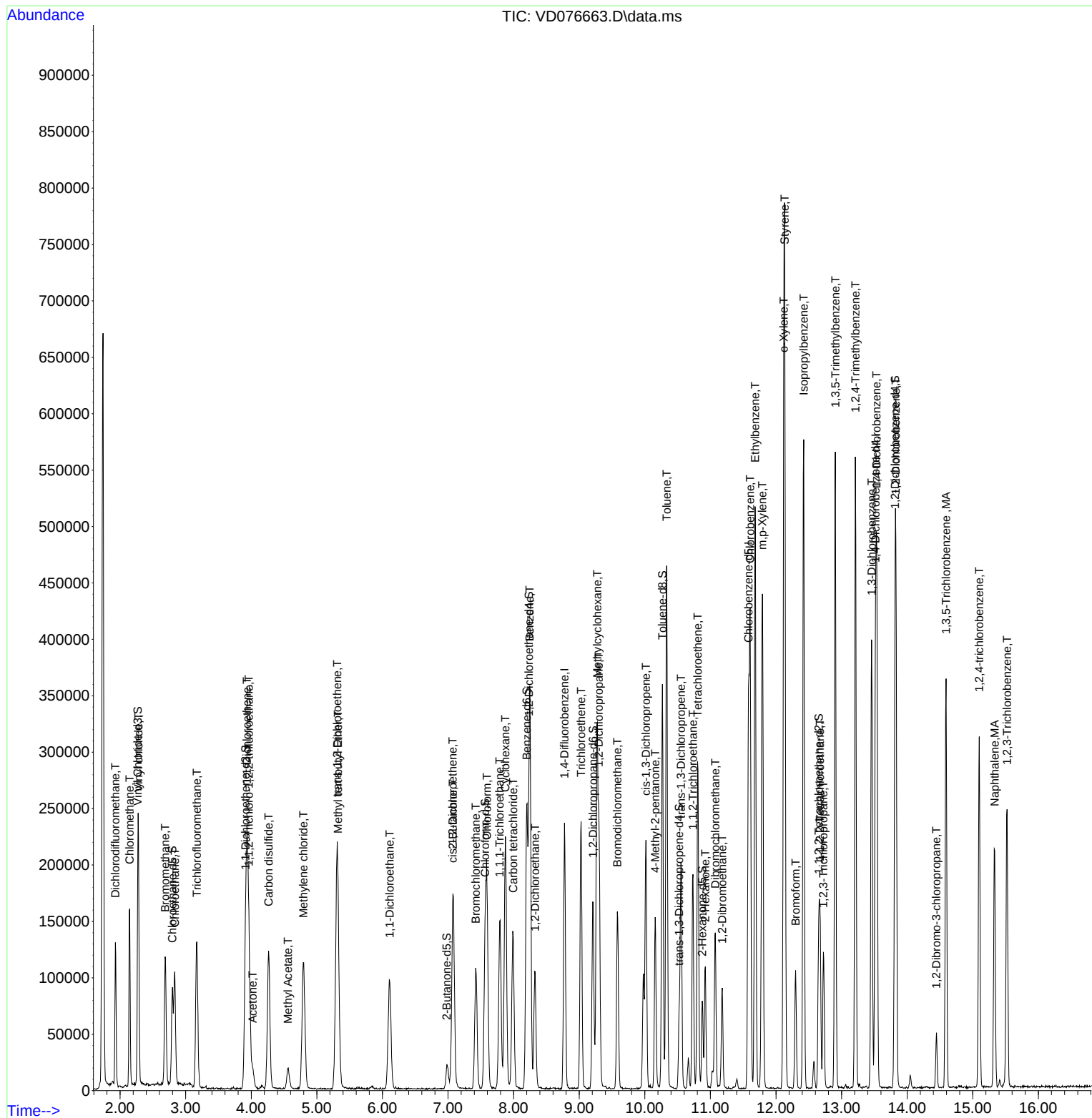
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27) 1,2-Dichloroethane	8.328	62	90617	28.707	ug/L	98
29) Cyclohexane	7.875	56	122128	25.518	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	122787	29.367	ug/L	99
31) Carbon tetrachloride	7.993	117	103987	31.098	ug/L	97
33) Benzene	8.246	78	315496	26.486	ug/L	100
34) Trichloroethene	9.028	95	83612	27.325	ug/L	90
35) Methylcyclohexane	9.275	83	131399	26.629	ug/L	98
37) 1,2-Dichloropropane	9.299	63	82433	25.383	ug/L	100
38) Bromodichloromethane	9.581	83	105436	28.465	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	130141	26.244	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	100844	49.916	ug/L	96
42) Toluene	10.334	91	341446	26.824	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	108288	26.865	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	60082	26.972	ug/L	95
46) Tetrachloroethene	10.804	164	63987	26.600	ug/L	93
48) 2-Hexanone	10.922	43	71987	52.028	ug/L	99
49) Dibromochloromethane	11.075	129	70572	27.878	ug/L	94
50) 1,2-Dibromoethane	11.181	107	58773	27.184	ug/L	95
51) Chlorobenzene	11.604	112	210931	26.541	ug/L	97
52) Ethylbenzene	11.681	91	373893	27.251	ug/L	98
53) m,p-Xylene	11.793	106	144518	26.803	ug/L	93
54) o-Xylene	12.116	106	135930	26.477	ug/L	97
55) Styrene	12.134	104	244410	27.556	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	70214	27.581	ug/L	99
59) Bromoform	12.298	173	44097	27.245	ug/L #	97
60) Isopropylbenzene	12.422	105	368228	26.627	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	47418	27.024	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	289681	26.182	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	286522	26.243	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	164270	26.701	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	167528	27.014	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	145306	26.512	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	9826	25.128	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	108625	26.470	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	94876	25.984	ug/L	97
71) Naphthalene	15.334	128	181339	25.940	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	81996	25.860	ug/L	98

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

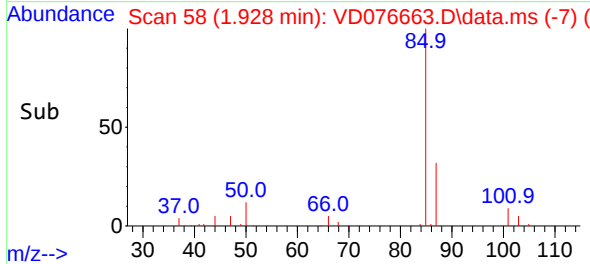
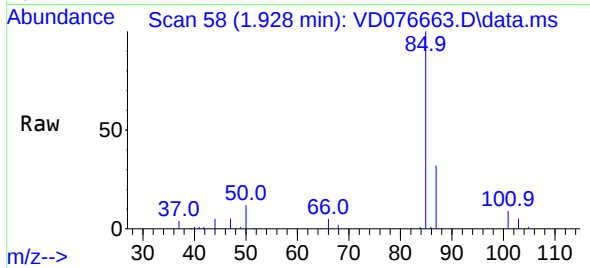
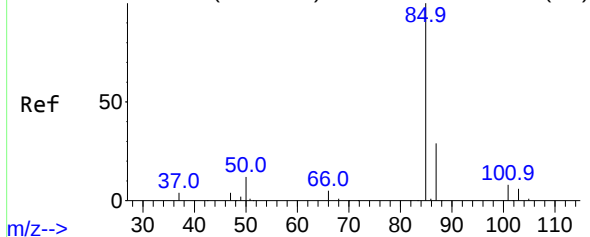
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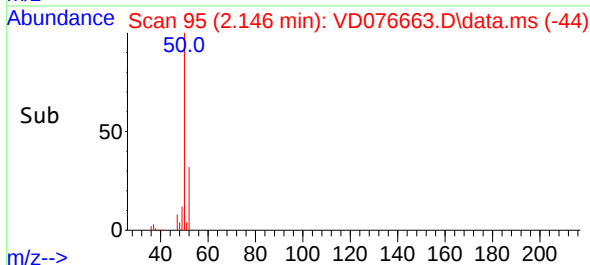
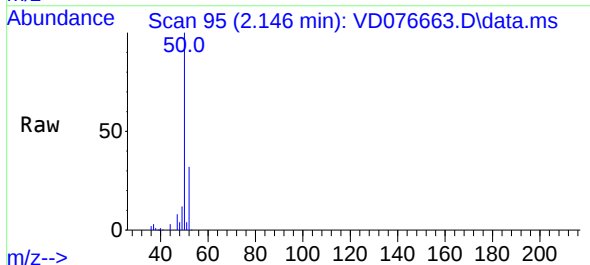
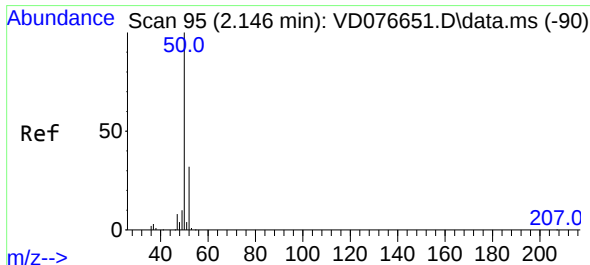
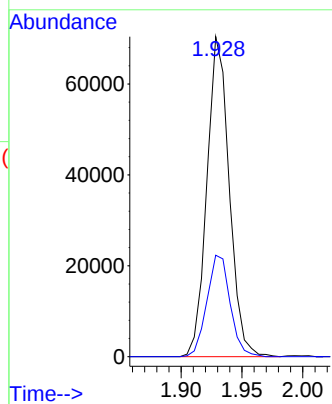
Abundance Scan 58 (1.928 min): VD076651.D\data.ms (-53)



#2
Dichlorodifluoromethane
Concen: 28.992 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

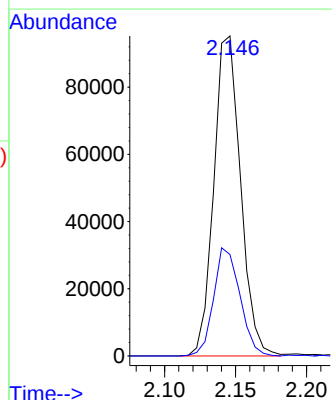
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ClientSampleId :
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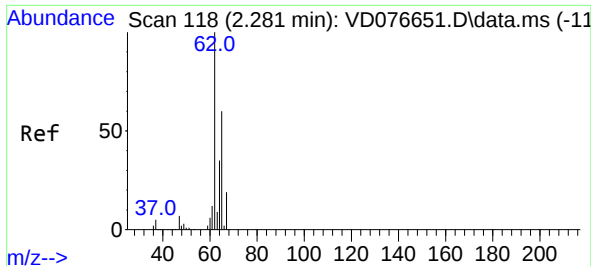
Tgt Ion: 85 Resp: 89820
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5



#3
Chloromethane
Concen: 24.218 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 50 Resp: 124731
Ion Ratio Lower Upper
50 100
52 31.7 23.2 43.2

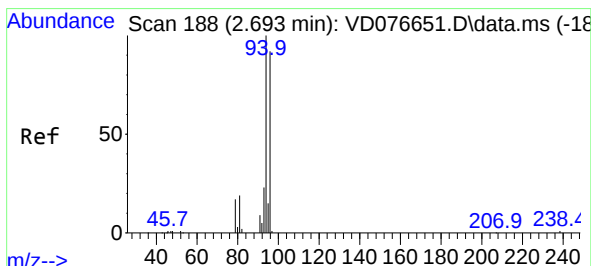
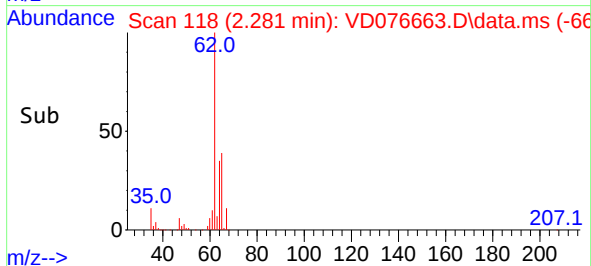
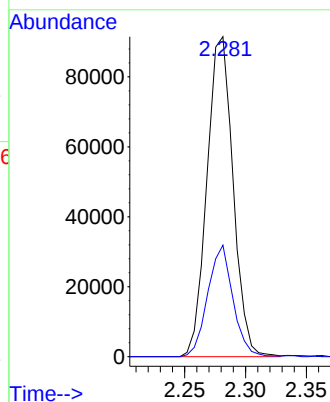
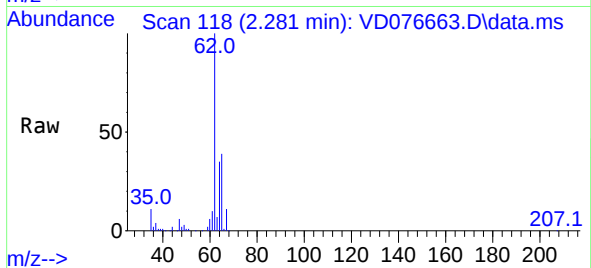




#5
 Vinyl chloride
 Concen: 24.620 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076663.D
 Acq: 30 Jun 2023 15:27

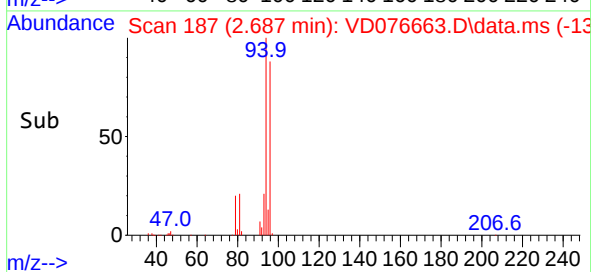
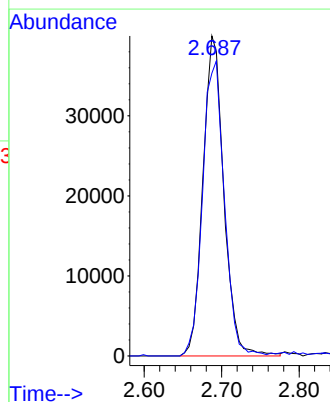
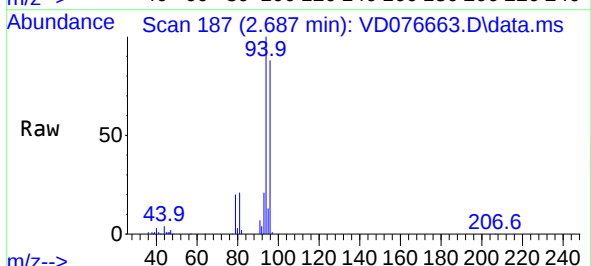
Instrument :
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 ClientSampleId :
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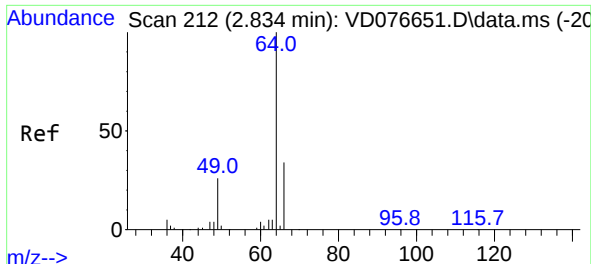
Tgt Ion: 62 Resp: 136790
 Ion Ratio Lower Upper
 62 100
 64 34.8 21.1 39.1



#6
 Bromomethane
 Concen: 24.323 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076663.D
 Acq: 30 Jun 2023 15:27

Tgt Ion: 94 Resp: 74851
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.7 120.1

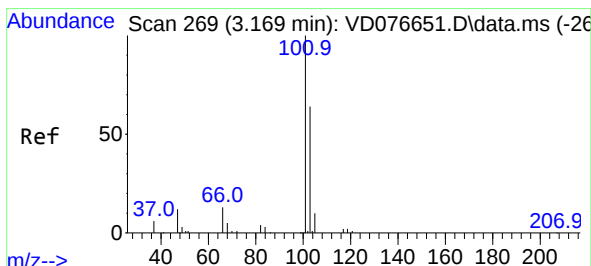
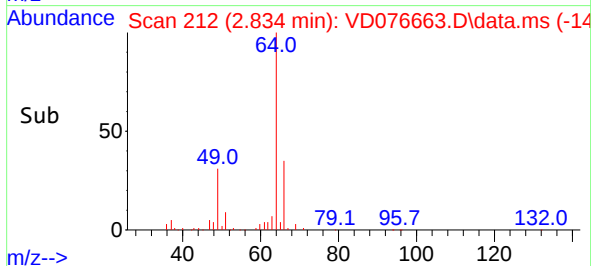
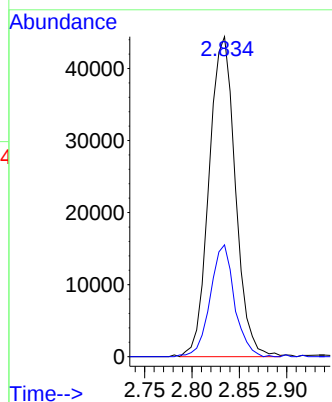
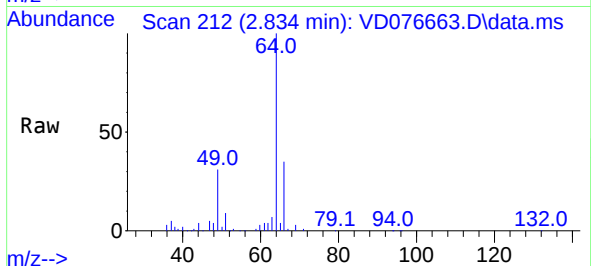




#8
Chloroethane
Concen: 25.167 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

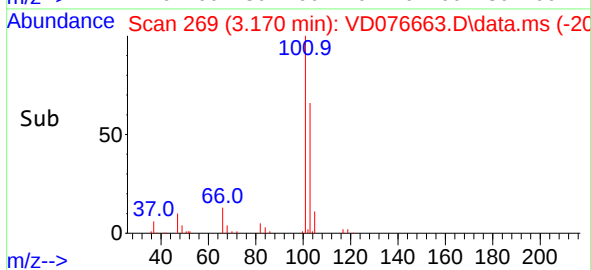
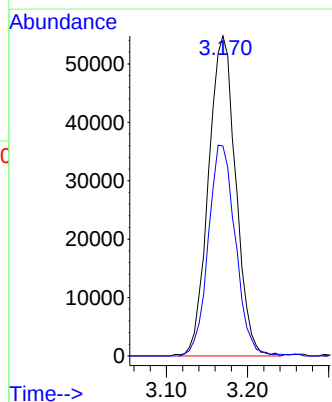
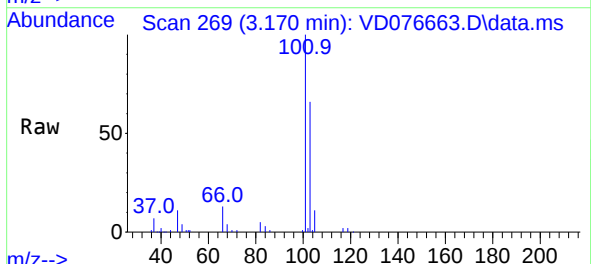
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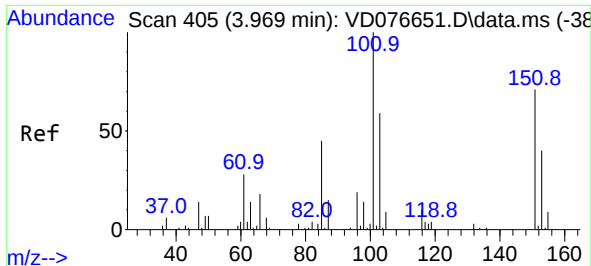
Tgt Ion: 64 Resp: 85649
Ion Ratio Lower Upper
64 100
66 34.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 31.795 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:101 Resp: 127728
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

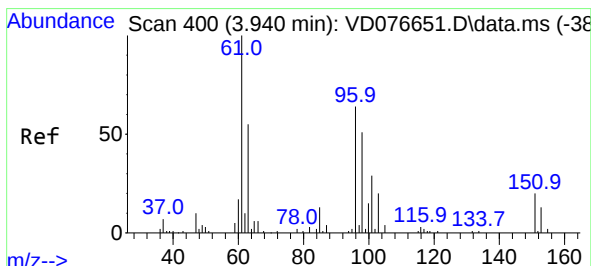
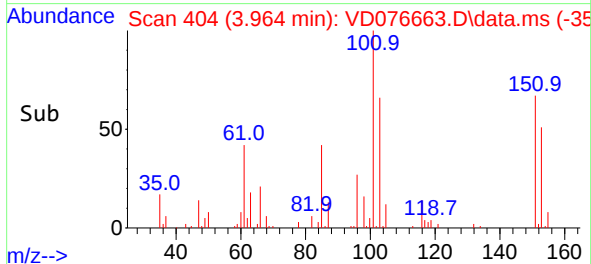
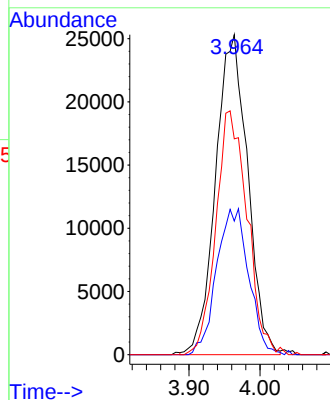
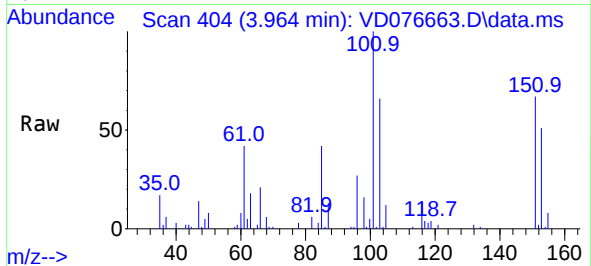




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 30.392 ug/L
RT: 3.964 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

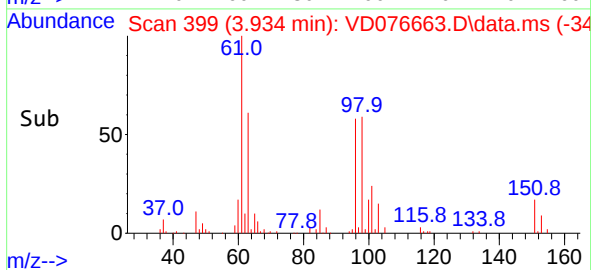
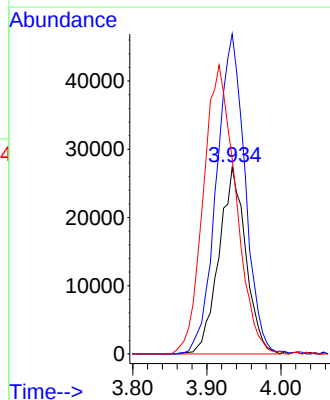
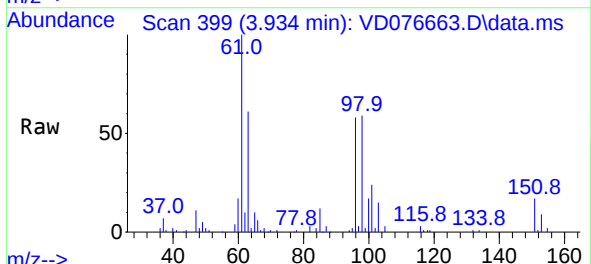
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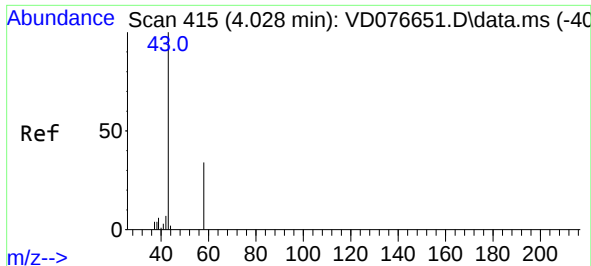
Tgt Ion:101 Resp: 79193
Ion Ratio Lower Upper
101 100
85 45.8 35.5 53.3
151 74.2 58.6 87.8



#12
1,1-Dichloroethene
Concen: 26.710 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 96 Resp: 68922
Ion Ratio Lower Upper
96 100
61 171.5 113.0 209.8
63 104.6 83.6 155.2





#13

Acetone

Concen: 46.898 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD076663.D

Acq: 30 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

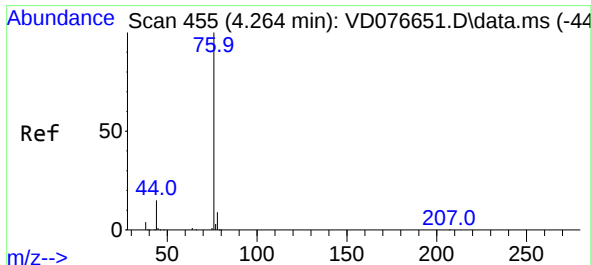
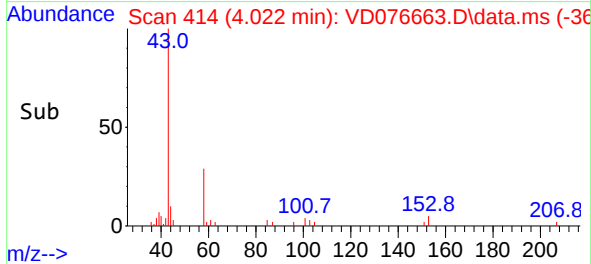
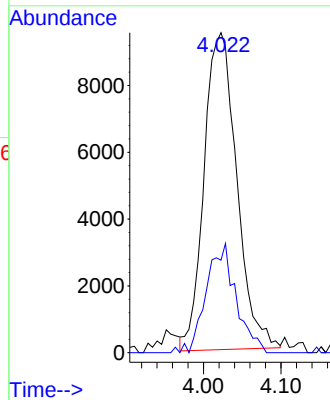
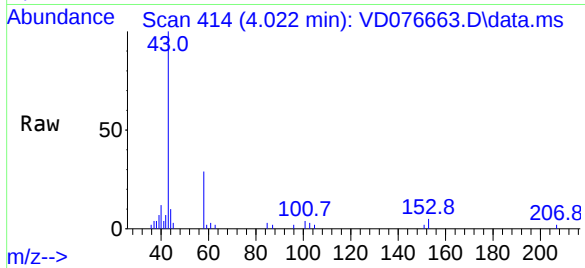
VSTD025167

Tgt Ion: 43 Resp: 27776

Ion Ratio Lower Upper

43 100

58 16.6 0.0 67.4



#14

Carbon disulfide

Concen: 25.973 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD076663.D

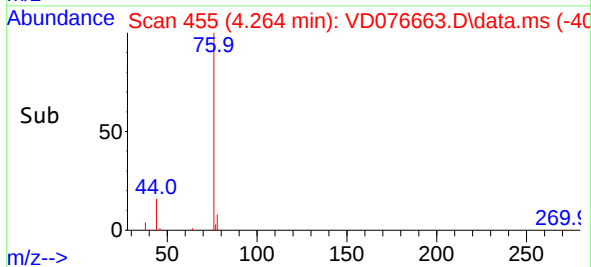
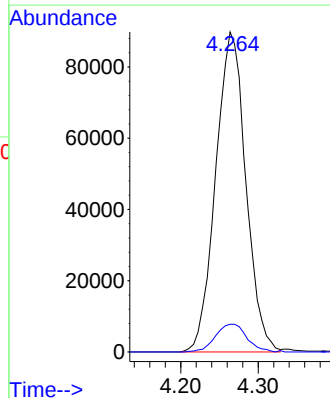
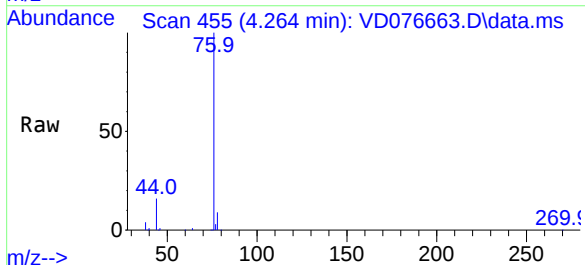
Acq: 30 Jun 2023 15:27

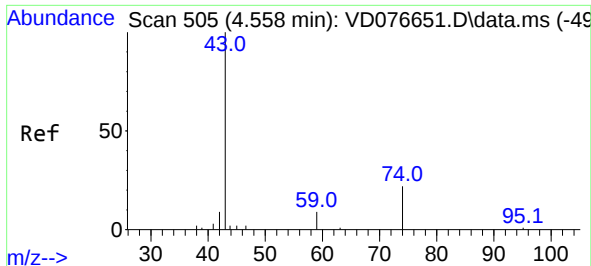
Tgt Ion: 76 Resp: 242938

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4

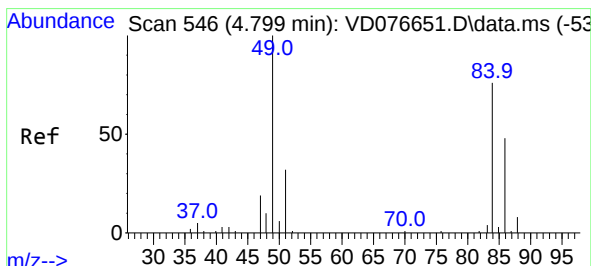
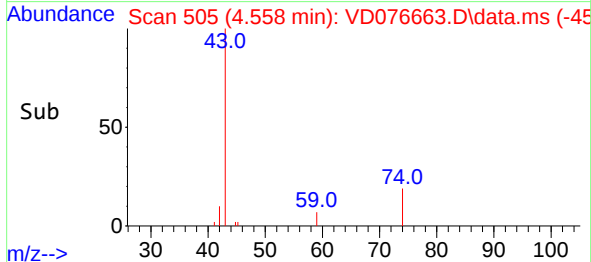
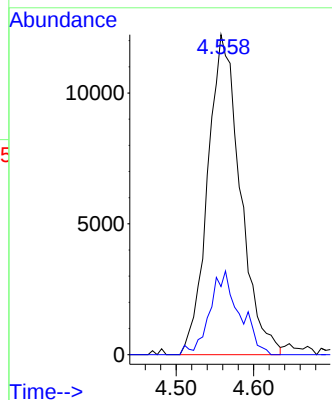
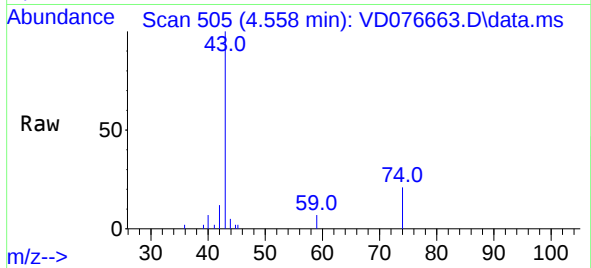




#15
Methyl Acetate
Concen: 26.412 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

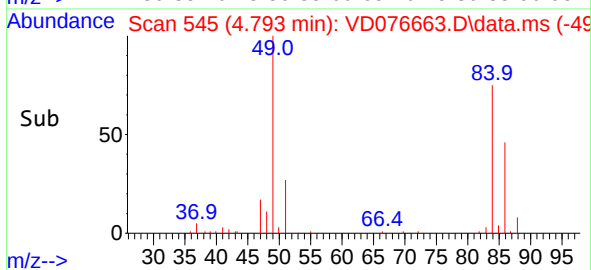
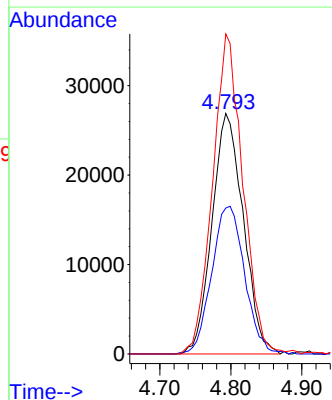
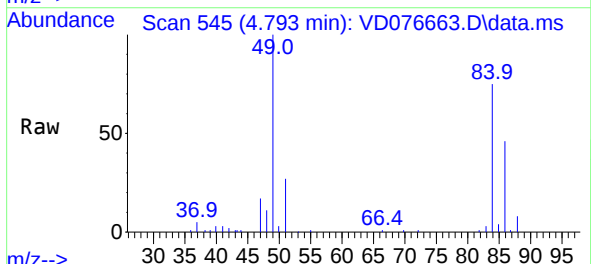
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

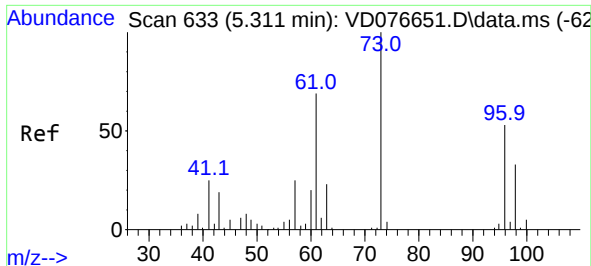
Tgt Ion: 43 Resp: 35709
Ion Ratio Lower Upper
43 100
74 19.8 18.2 27.2



#16
Methylene chloride
Concen: 23.820 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

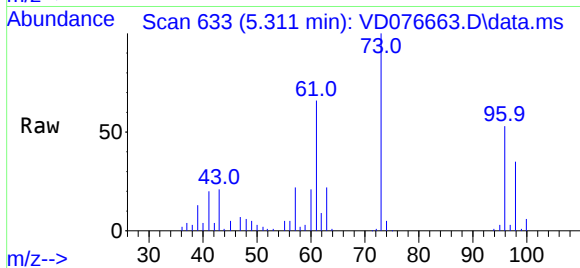
Tgt Ion: 84 Resp: 82314
Ion Ratio Lower Upper
84 100
86 60.7 45.1 83.9
49 133.0 97.2 180.6



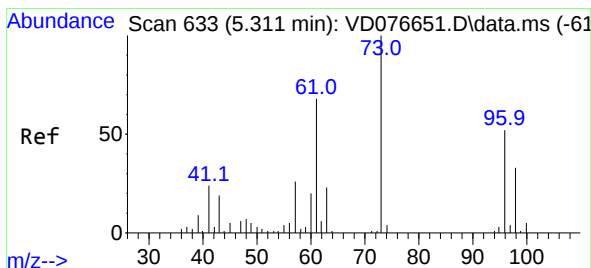
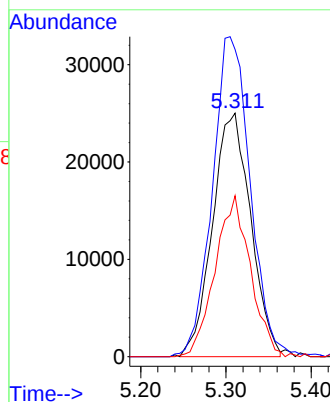
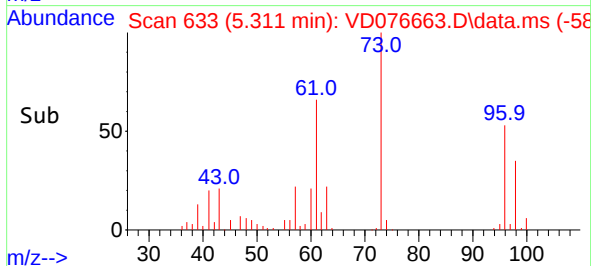


#17
trans-1,2-Dichloroethene
Concen: 27.107 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

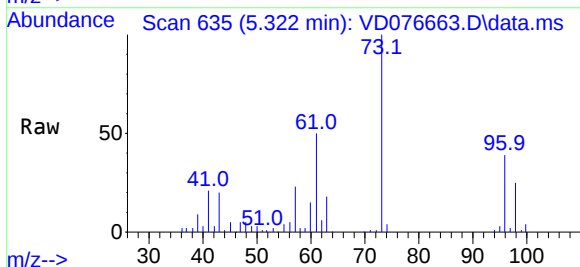
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167



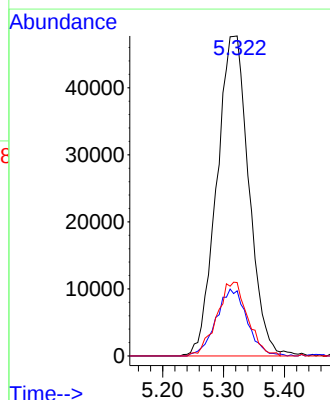
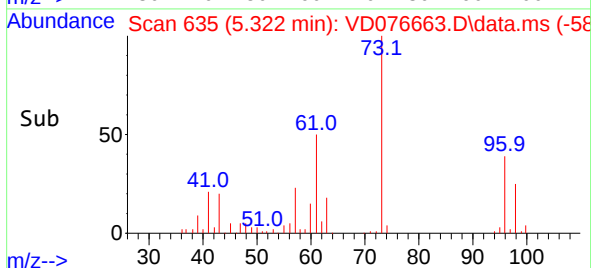
Tgt Ion: 96 Resp: 77980
Ion Ratio Lower Upper
96 100
61 126.1 94.5 175.5
98 66.1 46.0 85.4

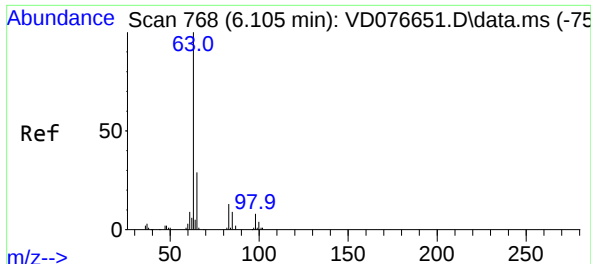


#18
Methyl tert-butyl Ether
Concen: 26.600 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27



Tgt Ion: 73 Resp: 174212
Ion Ratio Lower Upper
73 100
43 20.3 7.2 10.8#
57 9.8 18.6 28.0#

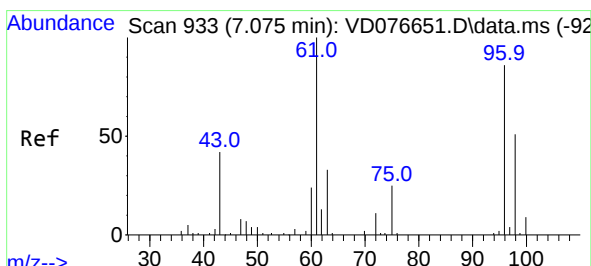
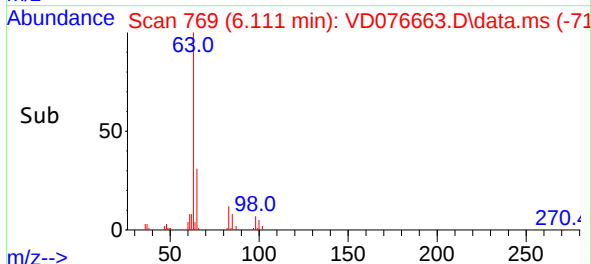
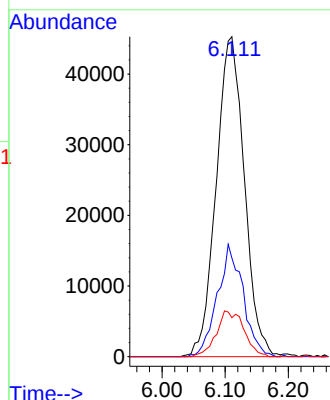
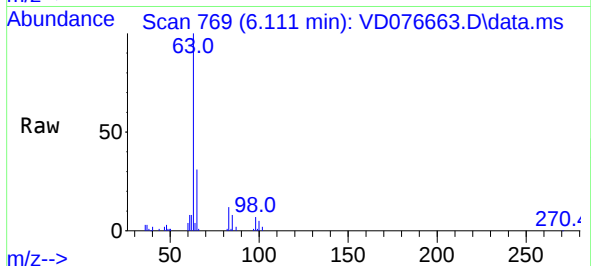




#19
1,1-Dichloroethane
Concen: 26.686 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

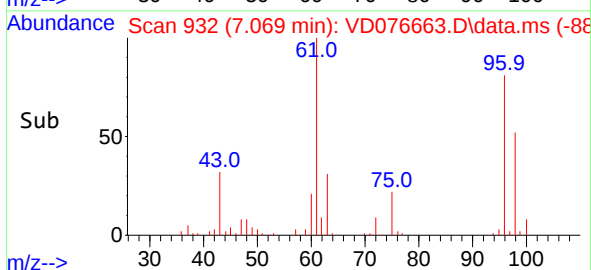
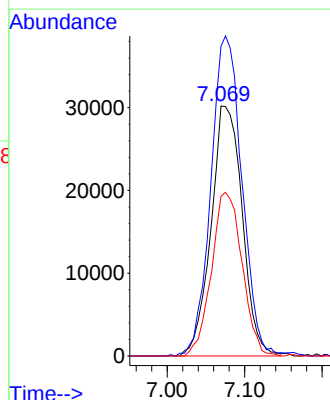
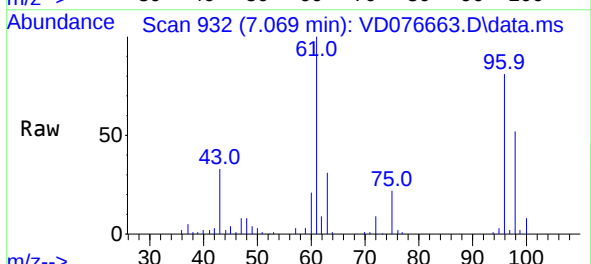
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

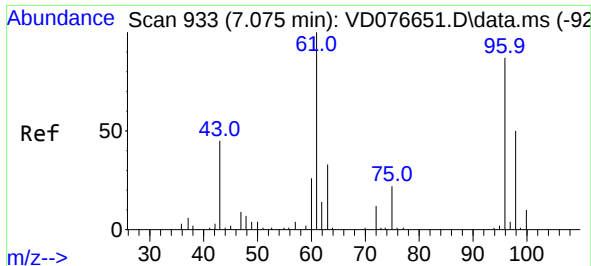
Tgt Ion: 63 Resp: 140352
Ion Ratio Lower Upper
63 100
65 30.8 20.8 38.6
83 12.2 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 26.326 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 96 Resp: 84581
Ion Ratio Lower Upper
96 100
61 124.0 86.0 159.6
98 63.9 42.2 78.4

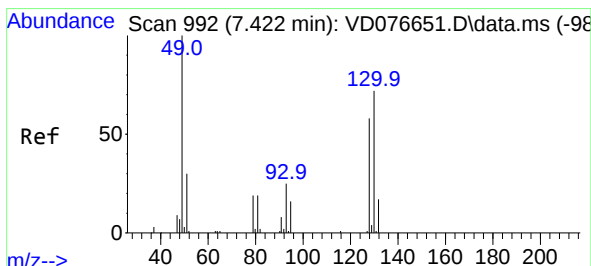
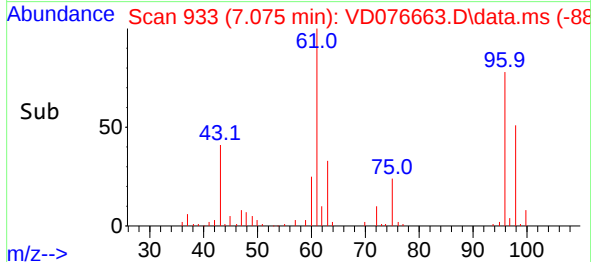
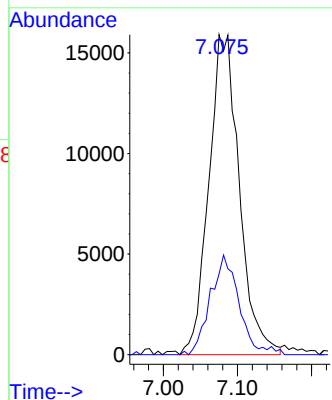
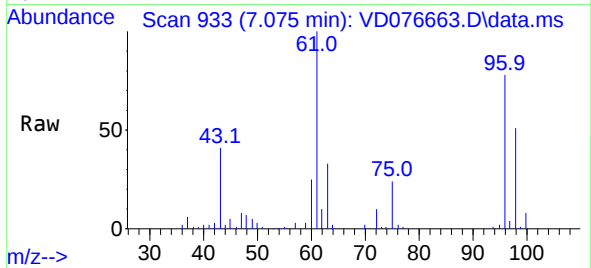




#22
2-Butanone
Concen: 47.503 ug/L
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

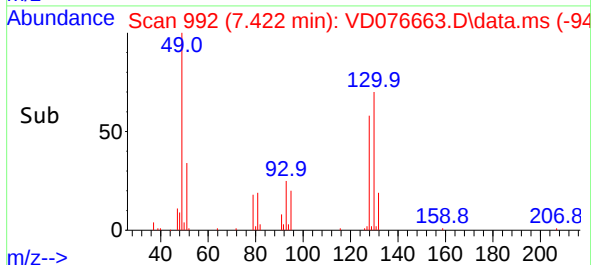
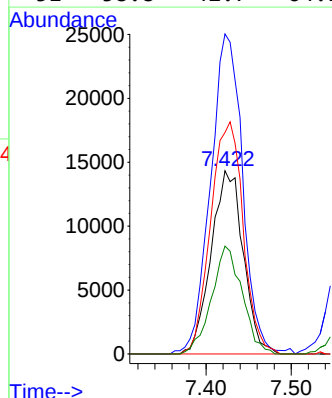
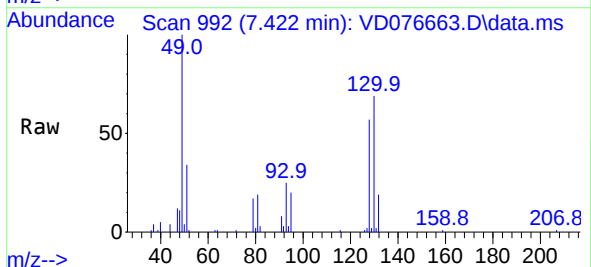
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

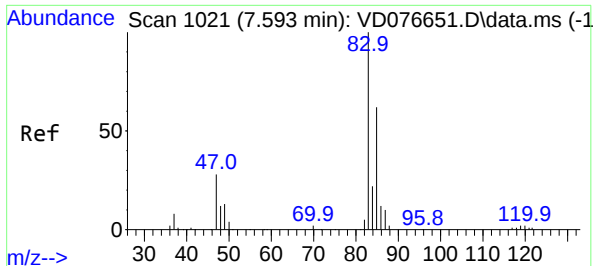
Tgt Ion: 43 Resp: 45403
Ion Ratio Lower Upper
43 100
72 28.8 12.9 38.7



#23
Bromochloromethane
Concen: 27.577 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:128 Resp: 37603
Ion Ratio Lower Upper
128 100
49 174.7 124.7 231.7
130 120.9 80.0 148.6
51 58.8 42.7 64.1





#25

Chloroform

Concen: 28.288 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076663.D

Acq: 30 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

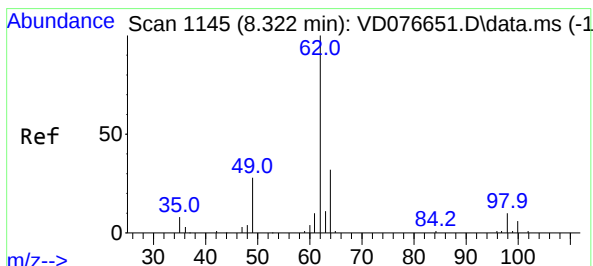
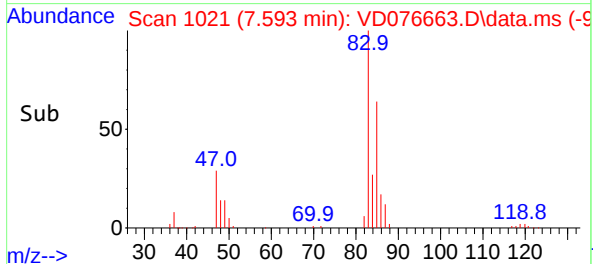
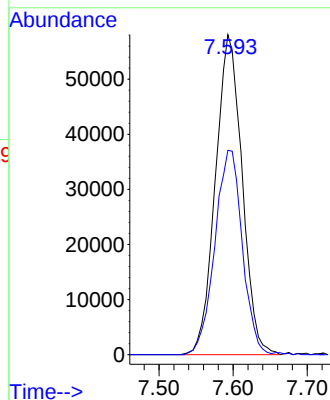
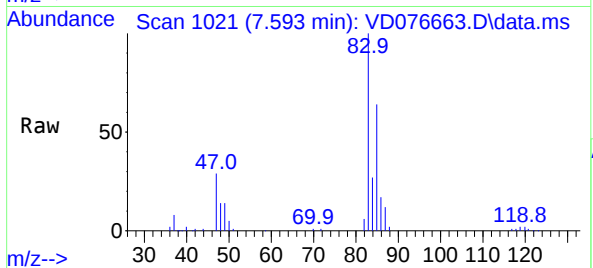
VSTD025167

Tgt Ion: 83 Resp: 145198

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 28.707 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD076663.D

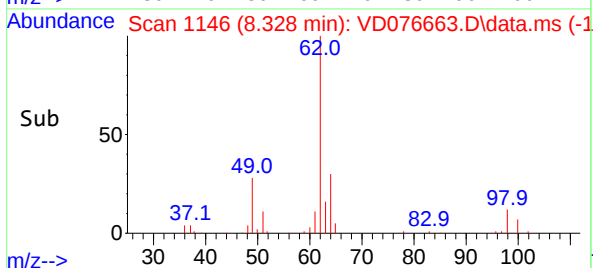
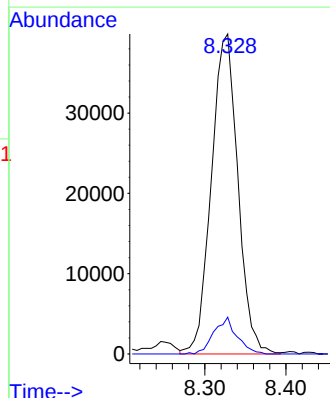
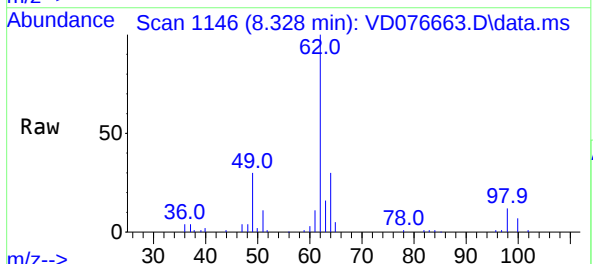
Acq: 30 Jun 2023 15:27

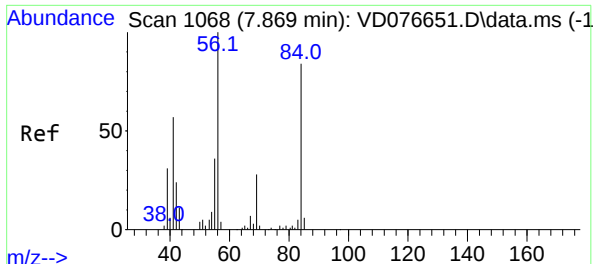
Tgt Ion: 62 Resp: 90617

Ion Ratio Lower Upper

62 100

98 11.5 8.7 13.1





#29

Cyclohexane

Concen: 25.518 ug/L

RT: 7.875 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD076663.D

Acq: 30 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

VSTD025167

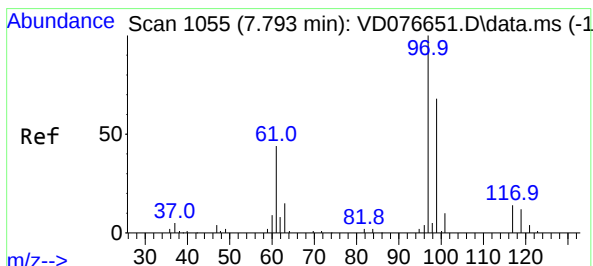
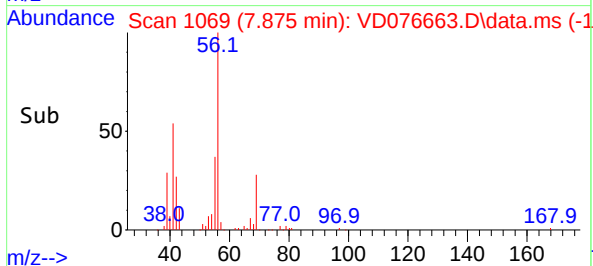
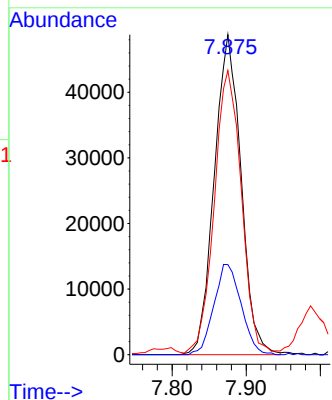
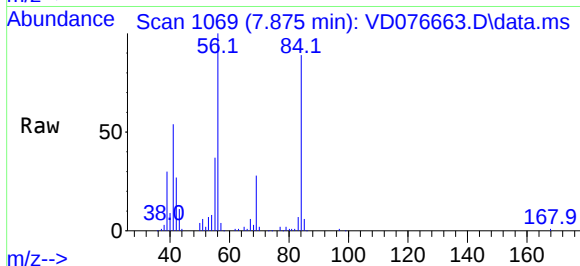
Tgt Ion: 56 Resp: 122128

Ion Ratio Lower Upper

56 100

69 28.8 23.4 35.0

84 90.2 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 29.367 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD076663.D

Acq: 30 Jun 2023 15:27

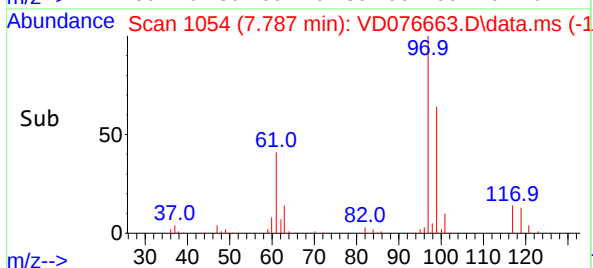
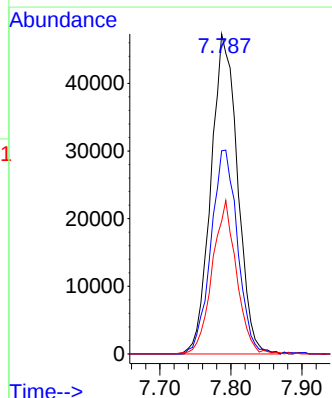
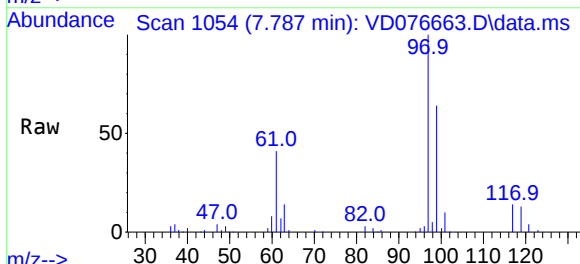
Tgt Ion: 97 Resp: 122787

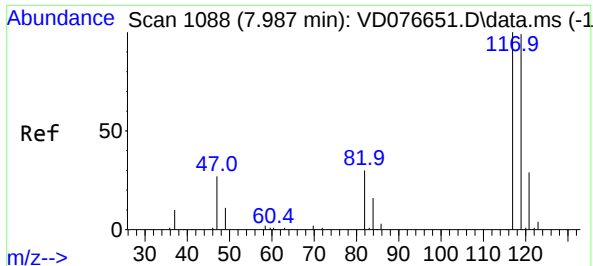
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 43.4 36.4 54.6

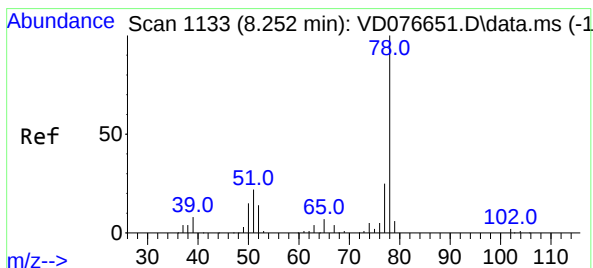
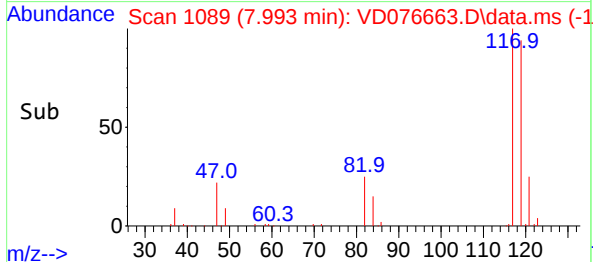
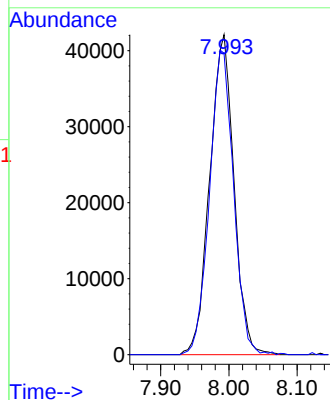
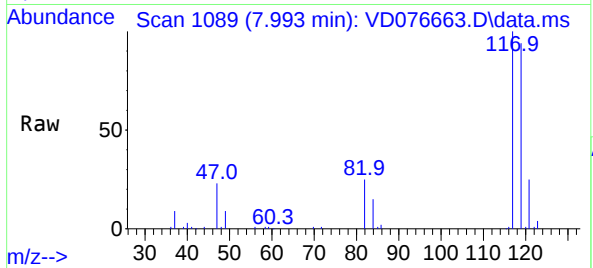




#31
Carbon tetrachloride
Concen: 31.098 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

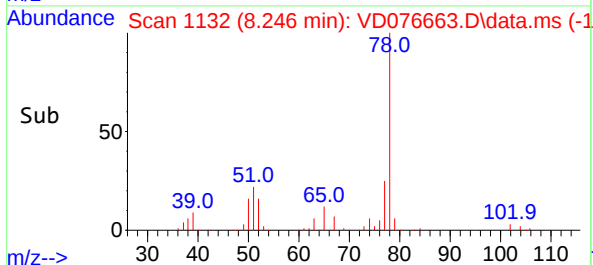
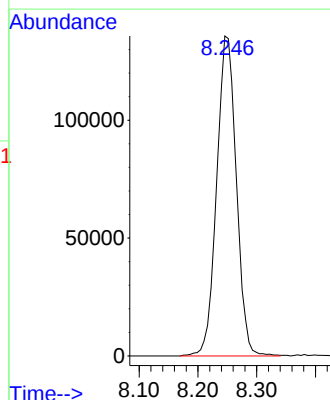
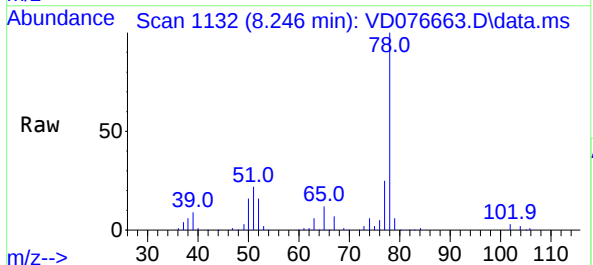
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

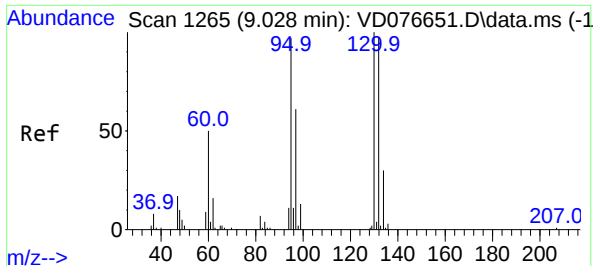
Tgt Ion:117 Resp: 103987
Ion Ratio Lower Upper
117 100
119 94.2 77.8 116.6



#33
Benzene
Concen: 26.486 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 78 Resp: 315496



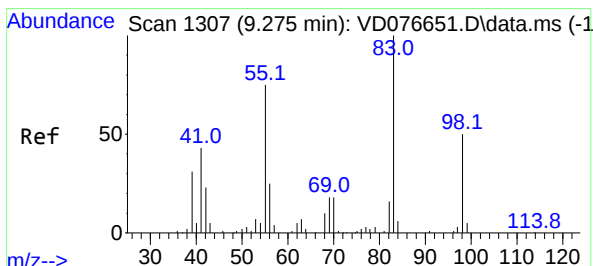
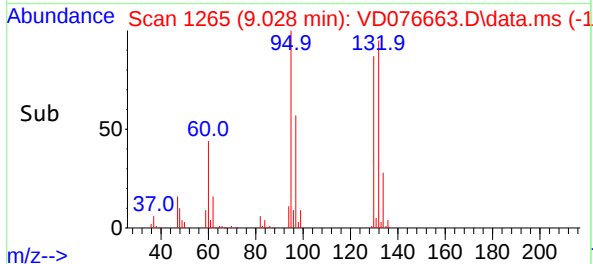
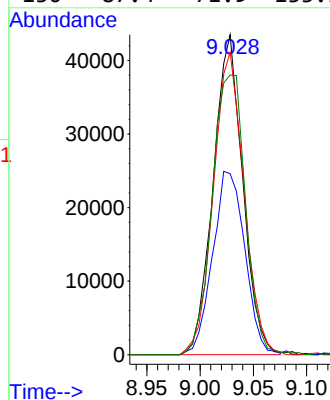
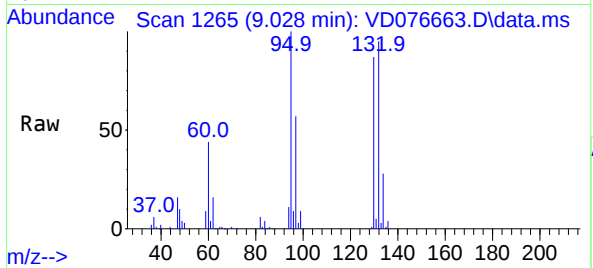


#34
Trichloroethene
Concen: 27.325 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

Tgt Ion: 95 Resp: 83612

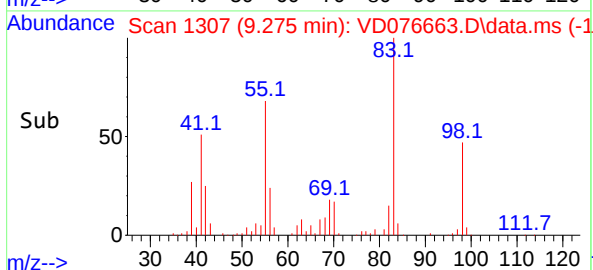
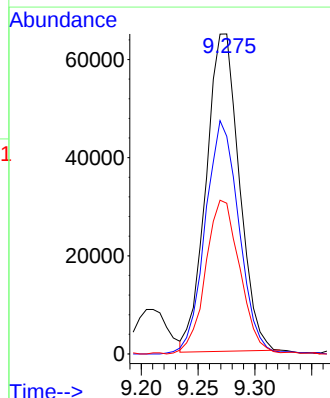
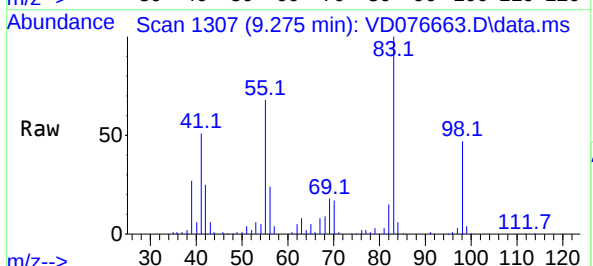
Ion	Ratio	Lower	Upper
95	100		
97	56.6	43.1	80.1
132	94.5	71.8	133.4
130	87.4	71.9	133.5

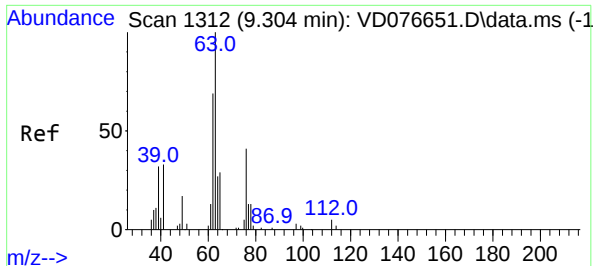


#35
Methylcyclohexane
Concen: 26.629 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 83 Resp: 131399

Ion	Ratio	Lower	Upper
83	100		
55	74.7	59.8	89.6
98	50.1	37.8	56.6

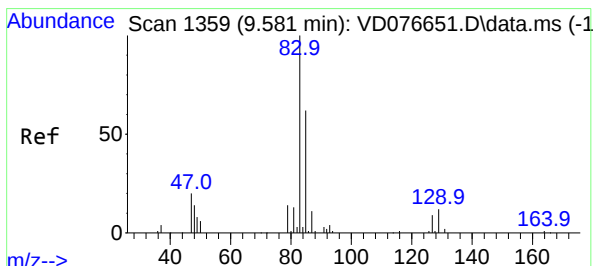
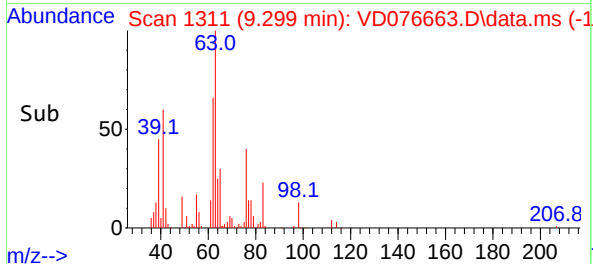
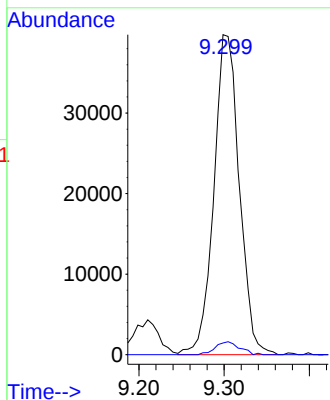
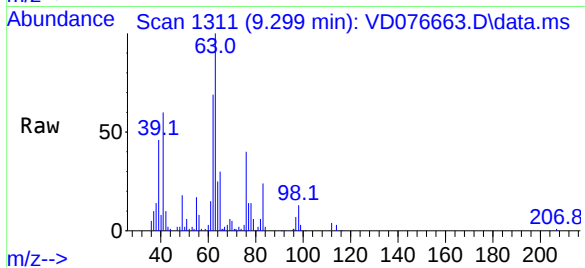




#37
1,2-Dichloropropane
Concen: 25.383 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

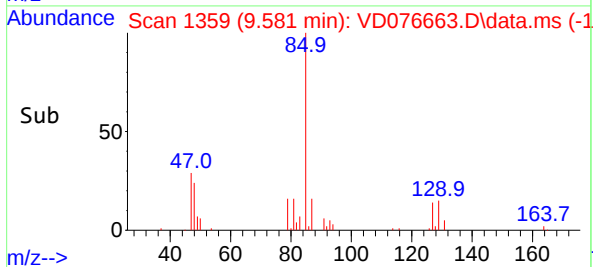
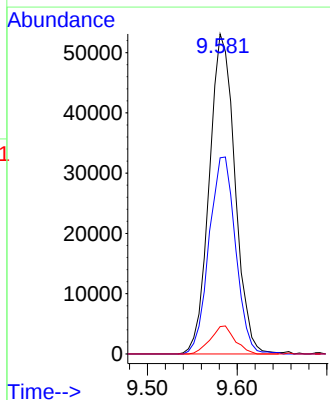
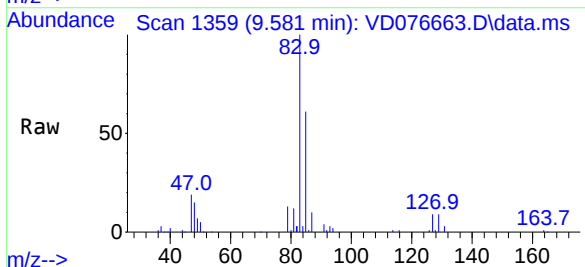
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

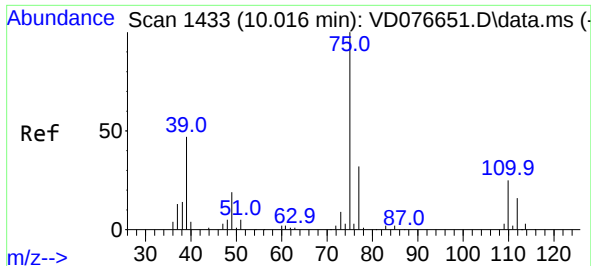
Tgt Ion: 63 Resp: 82433
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7



#38
Bromodichloromethane
Concen: 28.465 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 83 Resp: 105436
Ion Ratio Lower Upper
83 100
85 61.3 43.9 81.5
127 8.5 6.6 9.8

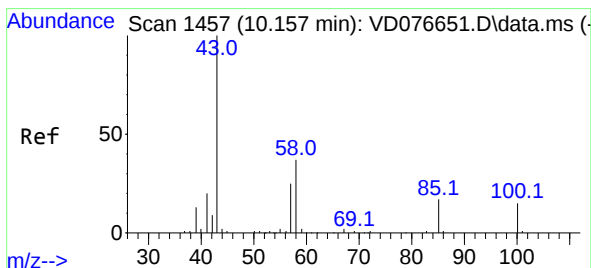
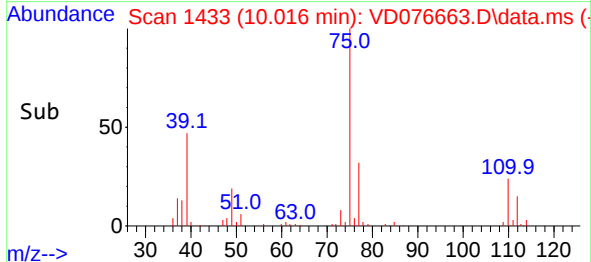
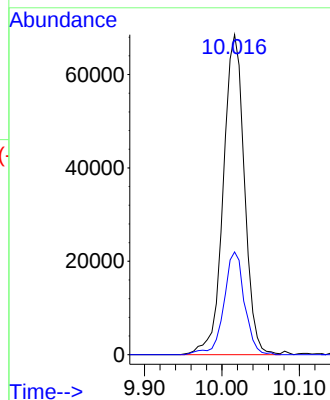
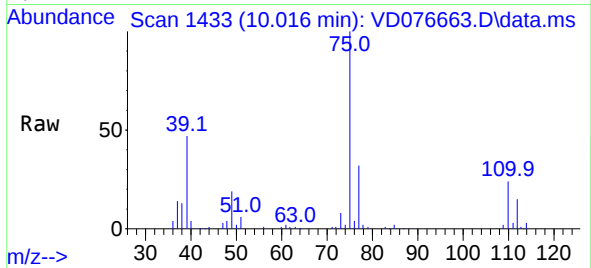




#39
 cis-1,3-Dichloropropene
 Concen: 26.244 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076663.D
 Acq: 30 Jun 2023 15:27

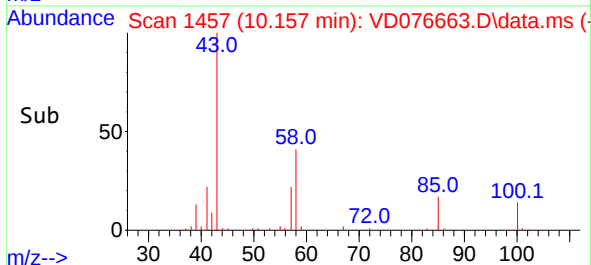
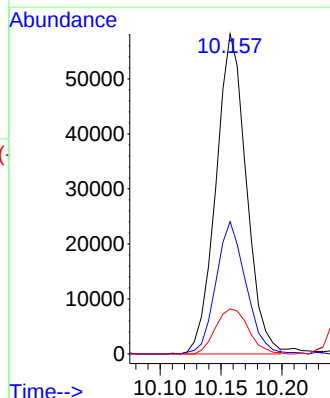
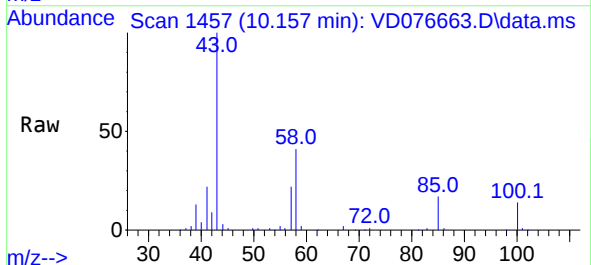
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025167

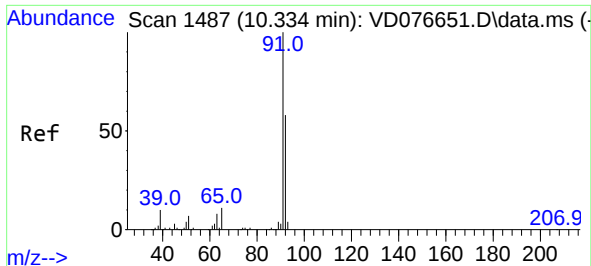
Tgt Ion: 75 Resp: 130141
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 49.916 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD076663.D
 Acq: 30 Jun 2023 15:27

Tgt Ion: 43 Resp: 100844
 Ion Ratio Lower Upper
 43 100
 58 40.8 30.7 46.1
 100 15.3 11.0 16.4

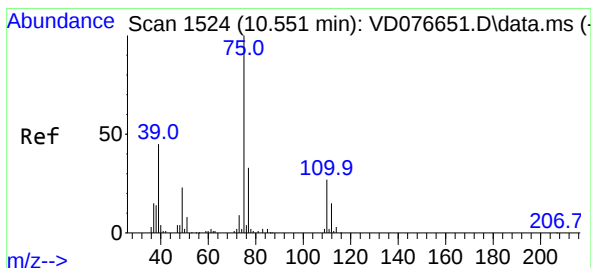
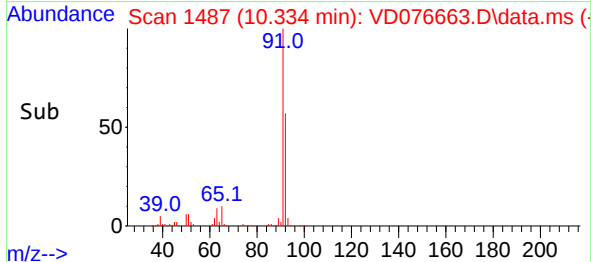
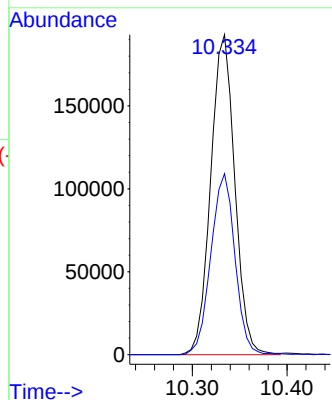
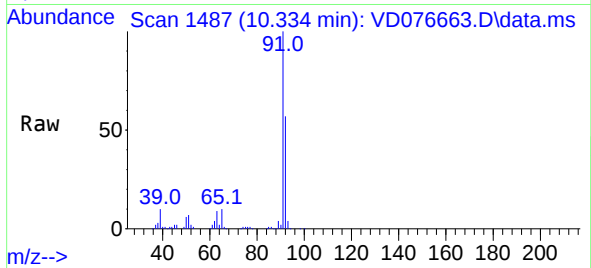




#42
Toluene
Concen: 26.824 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

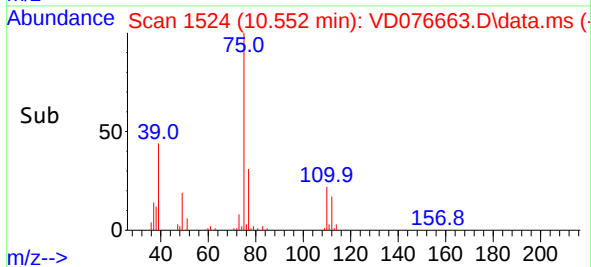
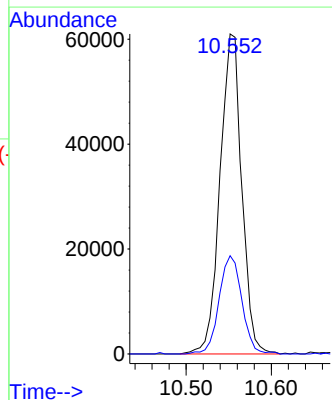
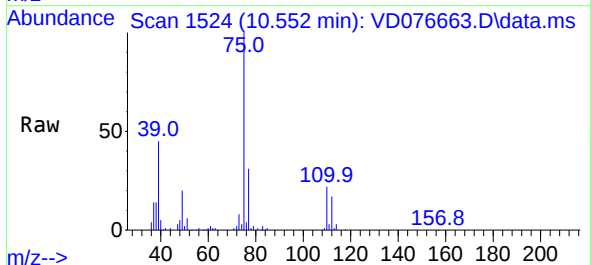
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

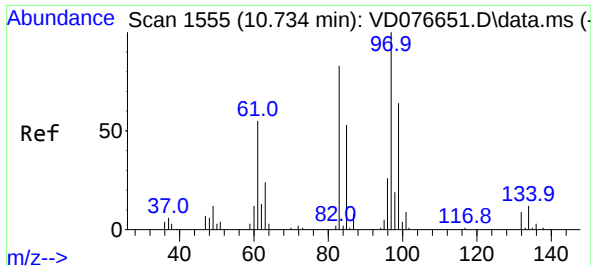
Tgt Ion: 91 Resp: 341446
Ion Ratio Lower Upper
91 100
92 56.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 26.865 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 75 Resp: 108288
Ion Ratio Lower Upper
75 100
77 30.7 22.5 41.7



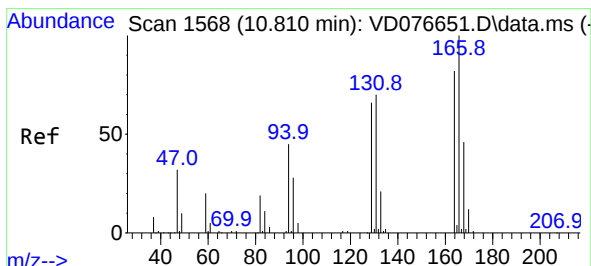
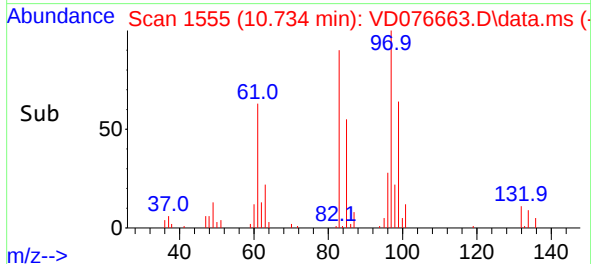
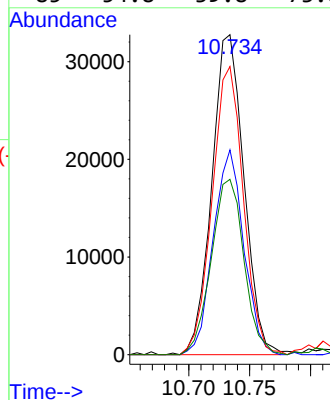
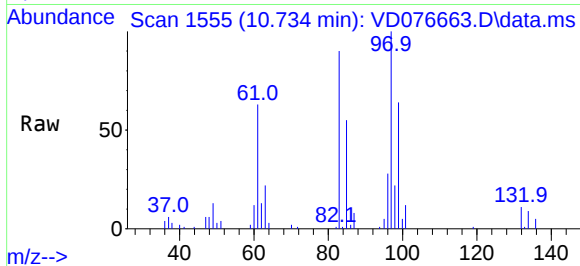


#45
1,1,2-Trichloroethane
Concen: 26.972 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

Tgt Ion: 97 Resp: 60082

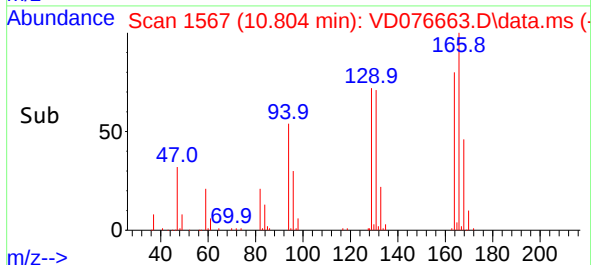
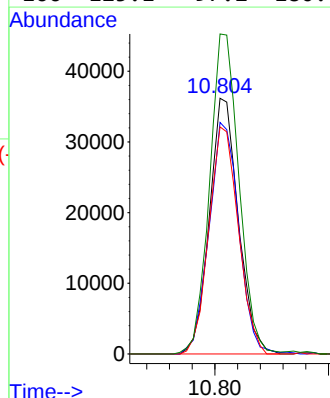
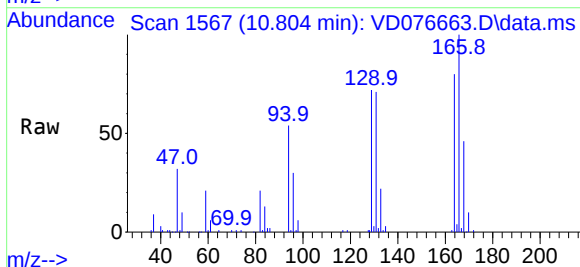
Ion	Ratio	Lower	Upper
97	100		
99	64.0	41.9	77.9
83	90.1	59.2	110.0
85	54.8	39.8	73.8

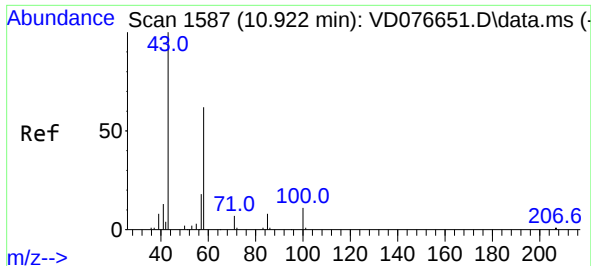


#46
Tetrachloroethene
Concen: 26.600 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 164 Resp: 63987

Ion	Ratio	Lower	Upper
164	100		
129	90.5	65.5	121.6
131	88.8	64.8	120.3
166	125.1	97.2	180.4



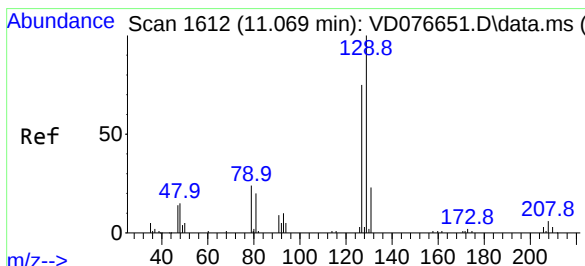
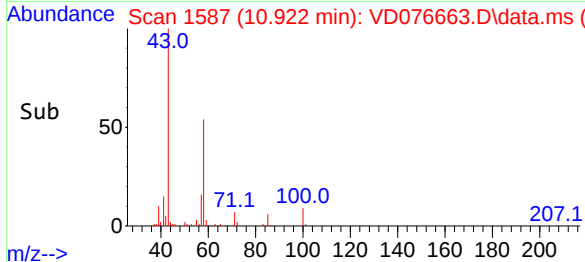
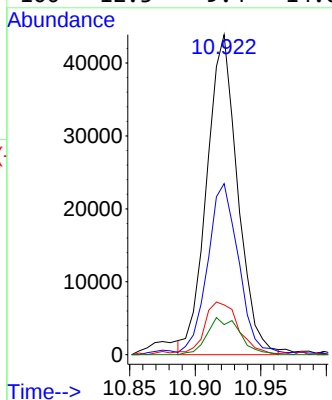
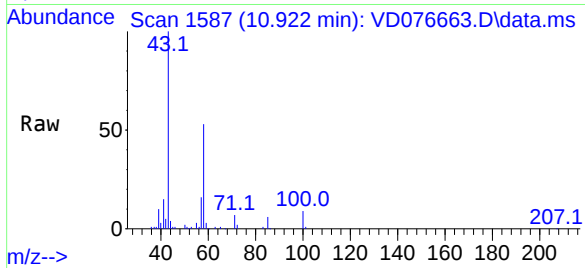


#48
2-Hexanone
Concen: 52.028 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

Tgt Ion: 43 Resp: 71987

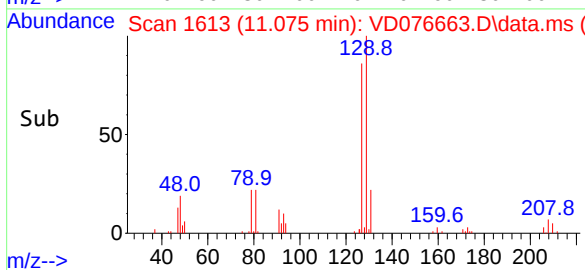
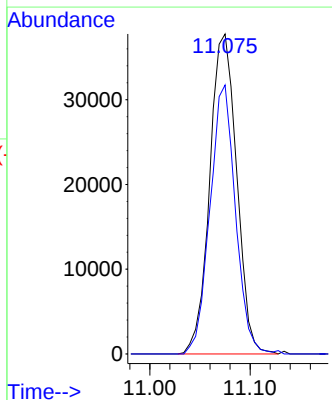
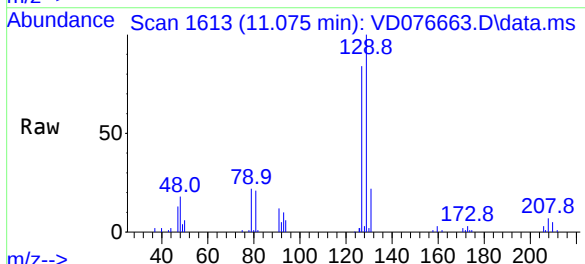
Ion	Ratio	Lower	Upper
43	100		
58	53.9	42.9	64.3
57	18.3	13.7	20.5
100	12.3	9.4	14.0

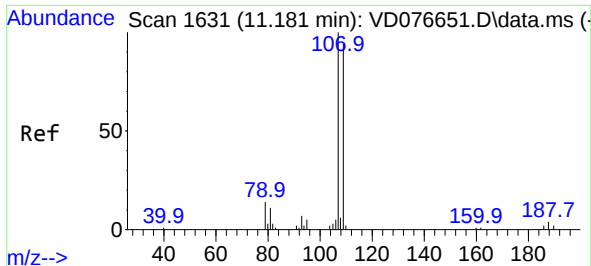


#49
Dibromochloromethane
Concen: 27.878 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 129 Resp: 70572

Ion	Ratio	Lower	Upper
129	100		
127	84.1	55.2	102.6

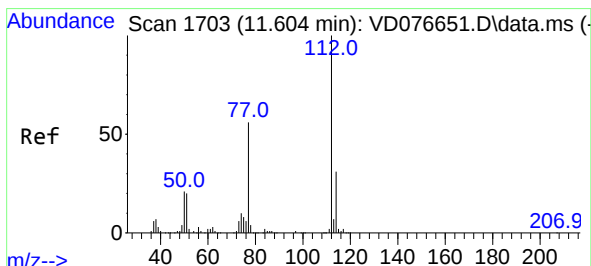
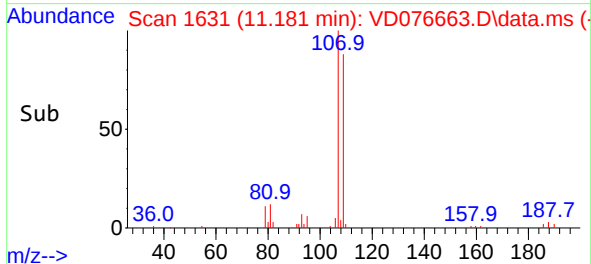
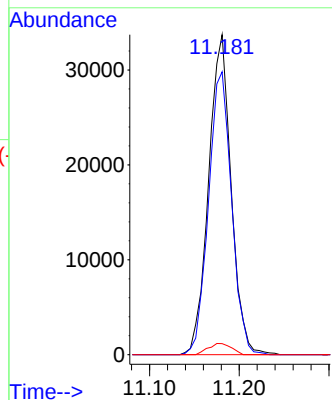
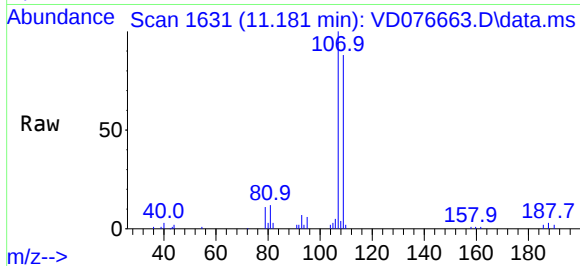




#50
1,2-Dibromoethane
Concen: 27.184 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

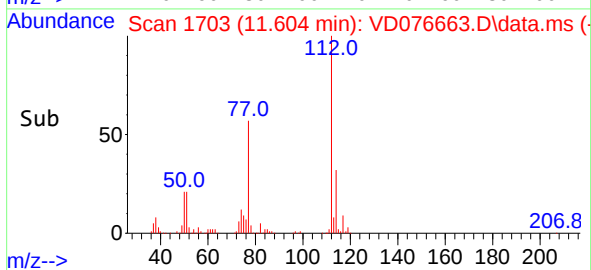
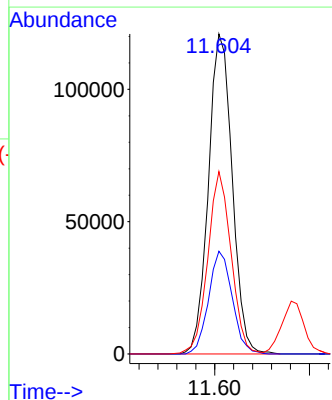
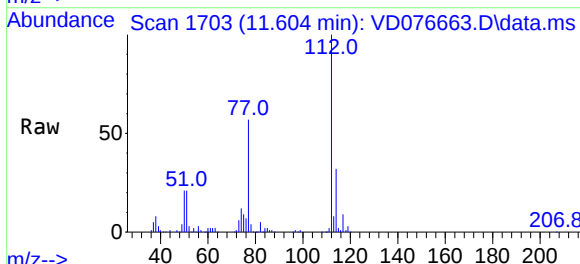
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

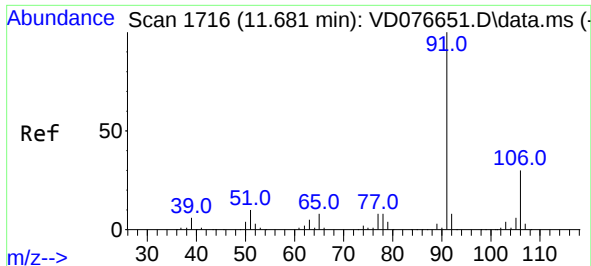
Tgt Ion:107 Resp: 58773
Ion Ratio Lower Upper
107 100
109 88.4 58.8 109.2
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 26.541 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:112 Resp: 210931
Ion Ratio Lower Upper
112 100
114 32.1 21.5 39.9
77 57.0 43.4 65.2

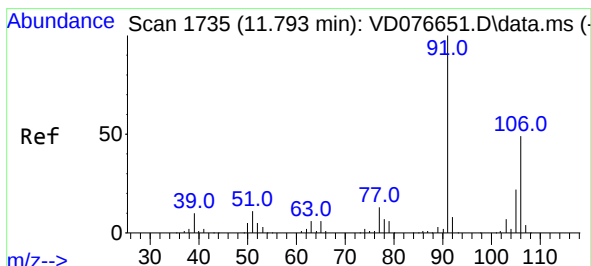
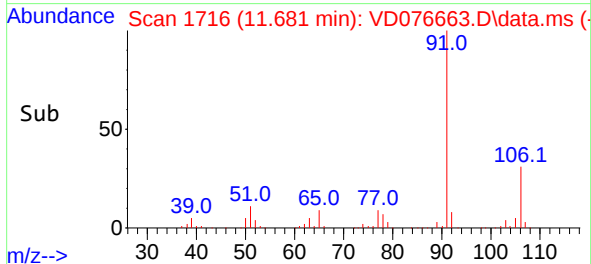
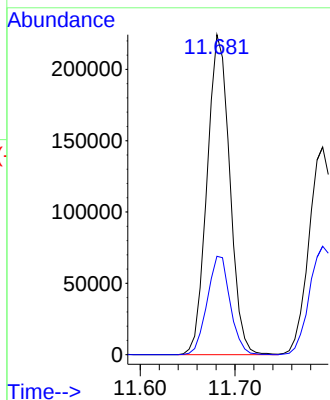
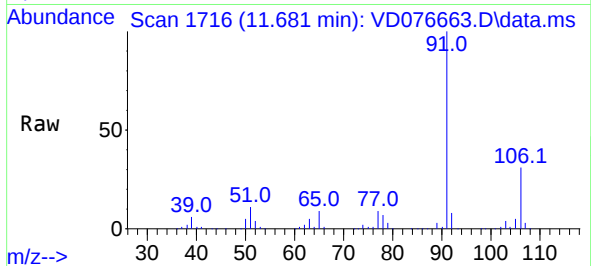




#52
Ethylbenzene
Concen: 27.251 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

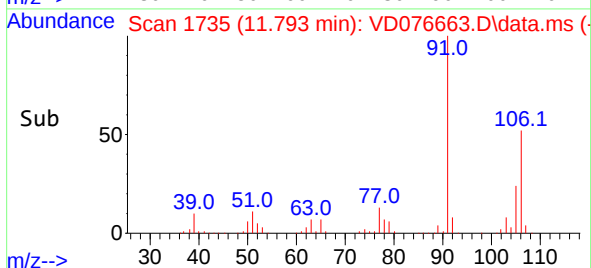
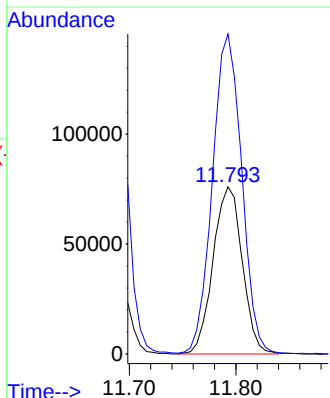
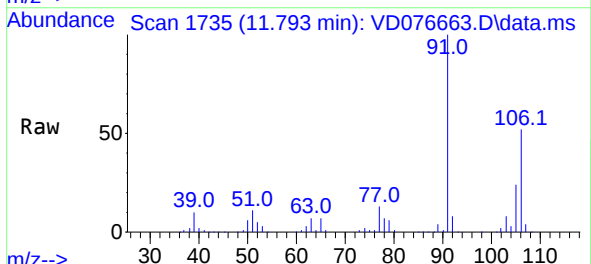
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

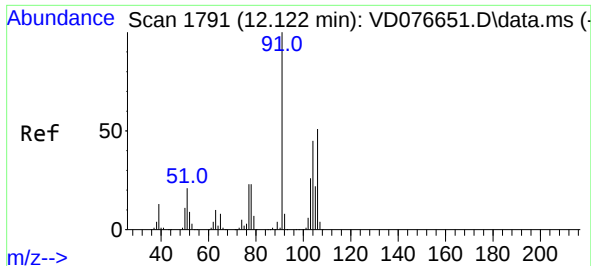
Tgt Ion: 91 Resp: 373893
Ion Ratio Lower Upper
91 100
106 30.7 22.4 41.6



#53
m,p-Xylene
Concen: 26.803 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 106 Resp: 144518
Ion Ratio Lower Upper
106 100
91 191.4 141.5 262.9

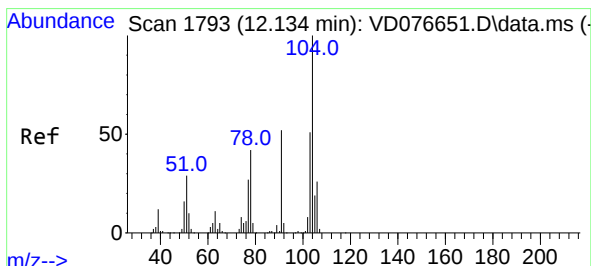
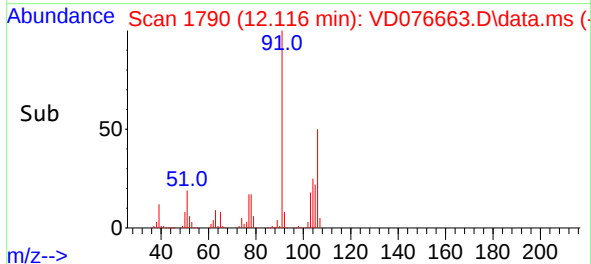
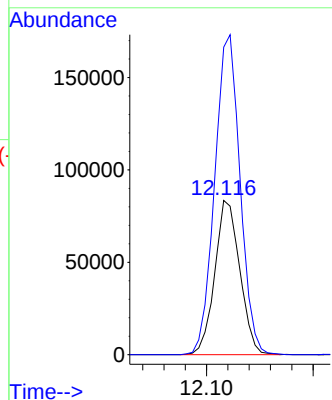
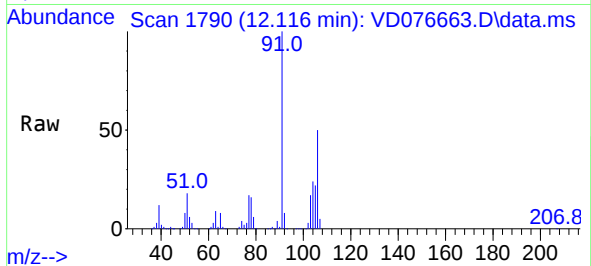




#54
o-Xylene
Concen: 26.477 ug/L
RT: 12.116 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

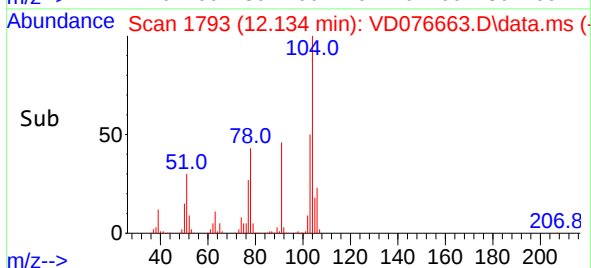
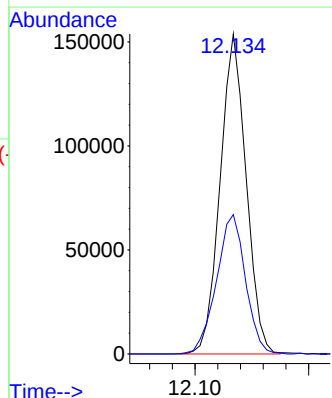
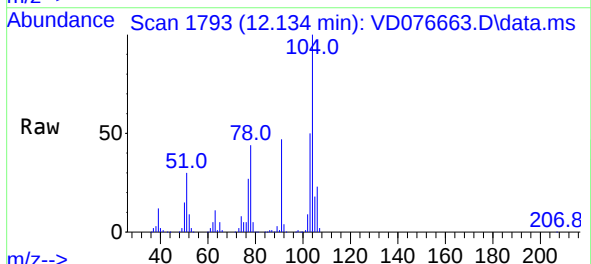
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

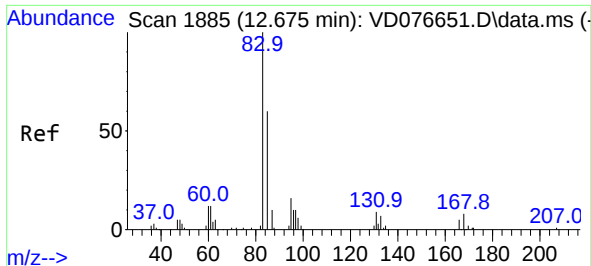
Tgt Ion:106 Resp: 135930
Ion Ratio Lower Upper
106 100
91 199.3 142.2 264.2



#55
Styrene
Concen: 27.556 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:104 Resp: 244410
Ion Ratio Lower Upper
104 100
78 43.6 31.3 58.1



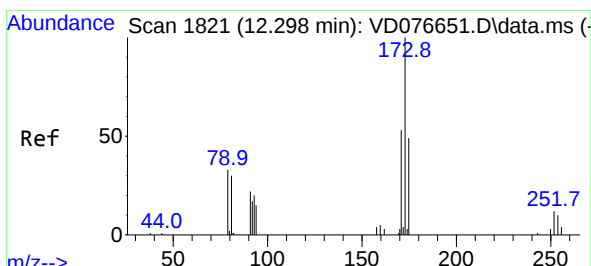
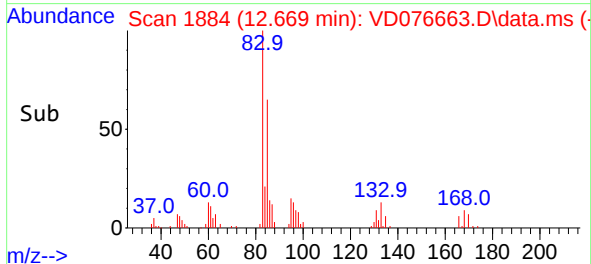
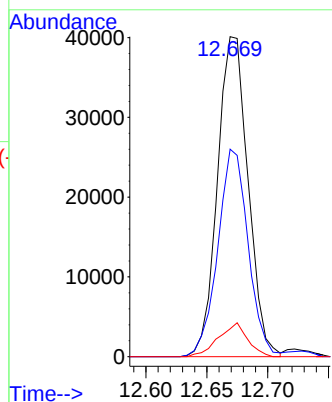
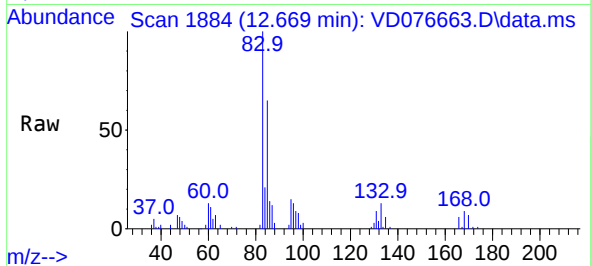


#57
1,1,2,2-Tetrachloroethane
Concen: 27.581 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

Tgt Ion: 83 Resp: 70214

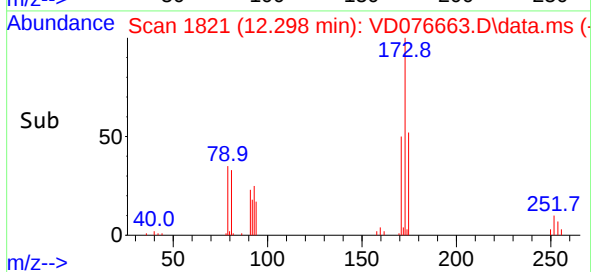
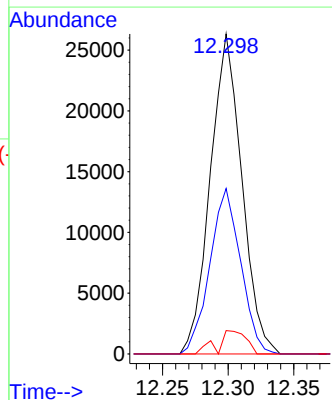
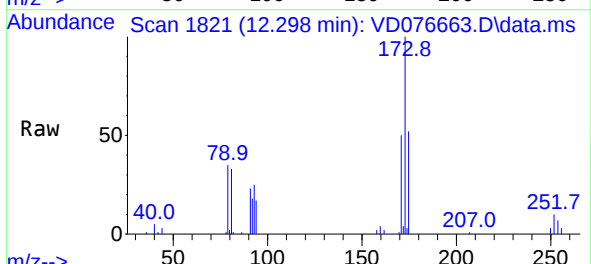
Ion	Ratio	Lower	Upper
83	100		
85	64.9	46.3	86.1
131	8.7	7.0	10.4

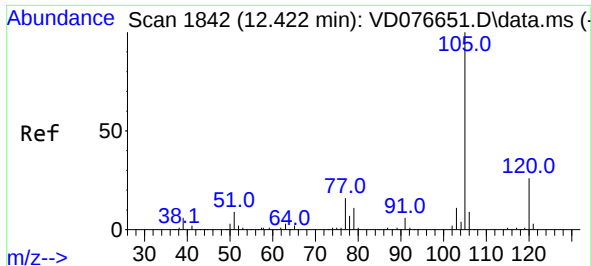


#59
Bromoform
Concen: 27.245 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 173 Resp: 44097

Ion	Ratio	Lower	Upper
173	100		
175	50.5	39.0	58.4
254	5.2	5.3	7.9

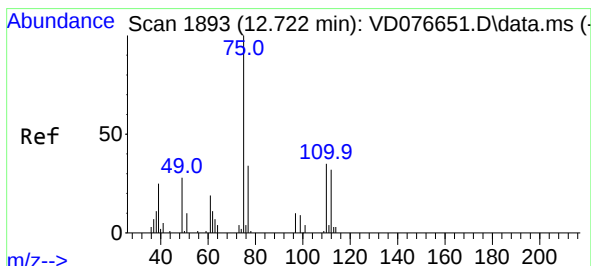
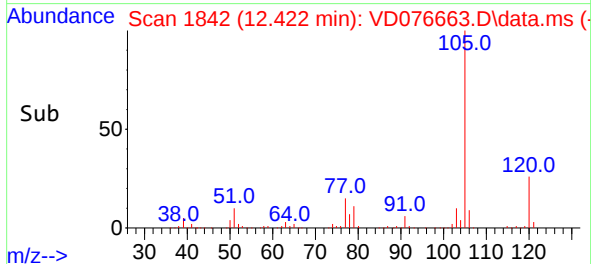
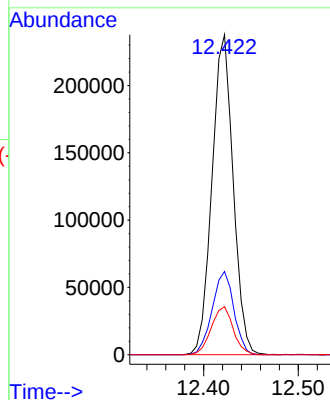
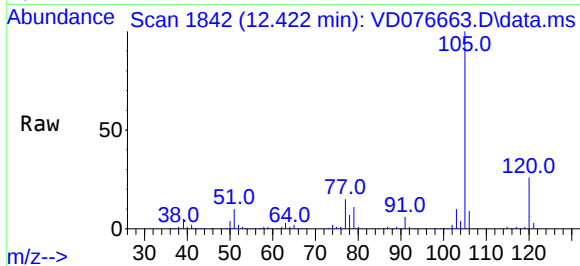




#60
Isopropylbenzene
Concen: 26.627 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

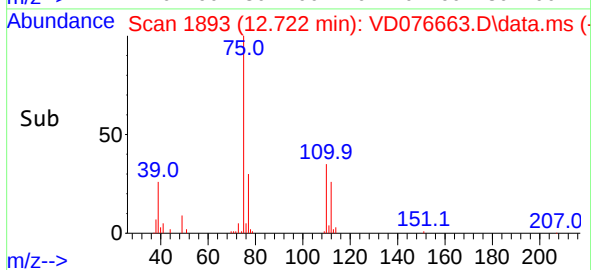
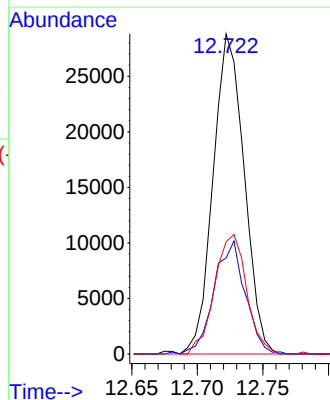
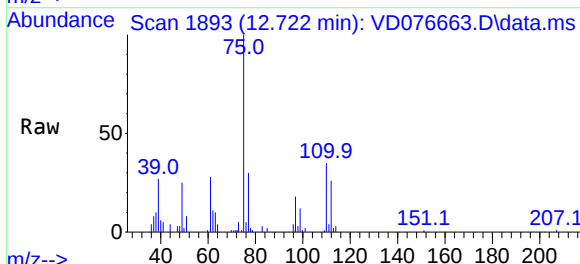
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

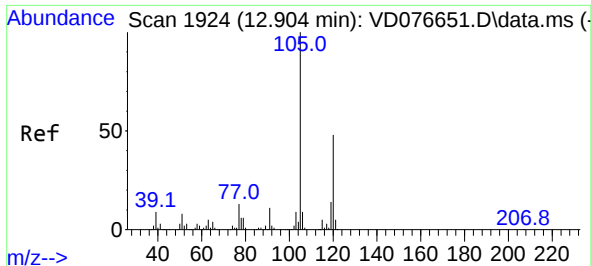
Tgt Ion:105 Resp: 368228
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 27.024 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion: 75 Resp: 47418
Ion Ratio Lower Upper
75 100
77 35.5 27.2 40.8
110 38.6 31.8 47.6

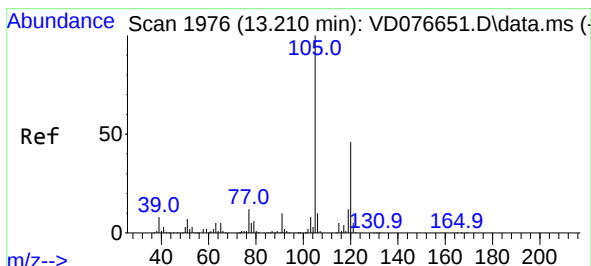
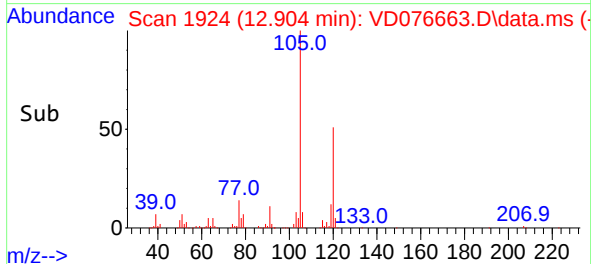
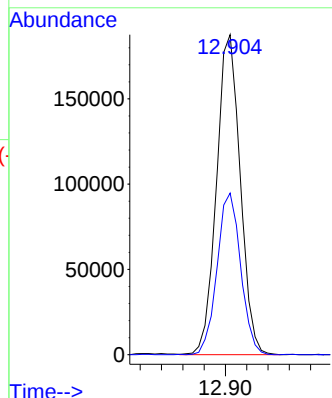
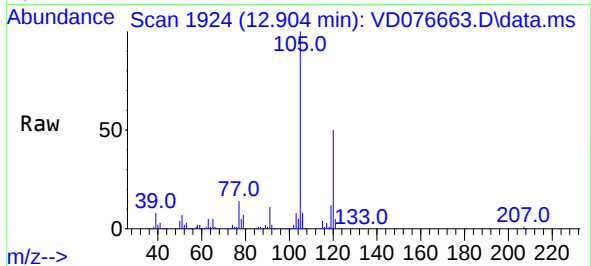




#62
1,3,5-Trimethylbenzene
Concen: 26.182 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

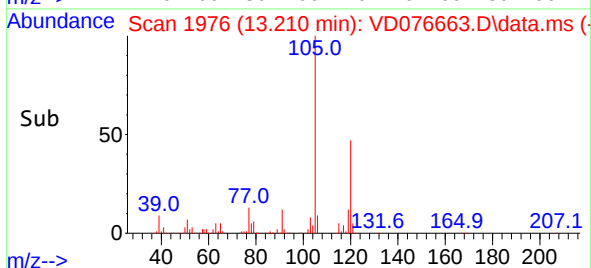
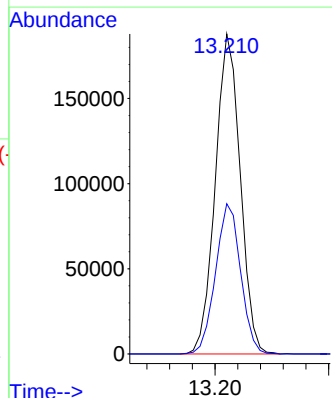
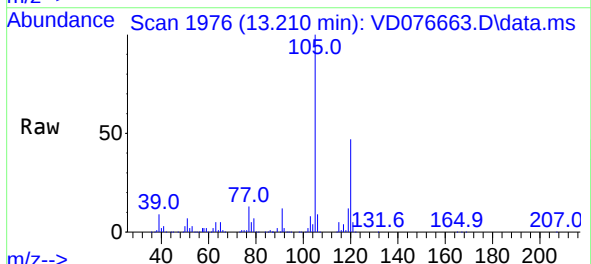
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

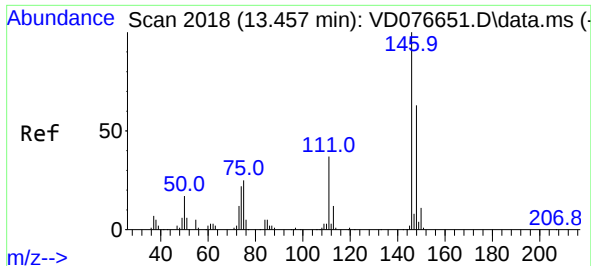
Tgt Ion:105 Resp: 289681
Ion Ratio Lower Upper
105 100
120 50.2 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 26.243 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:105 Resp: 286522
Ion Ratio Lower Upper
105 100
120 47.1 37.5 56.3

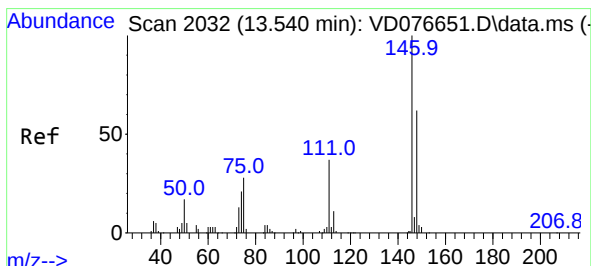
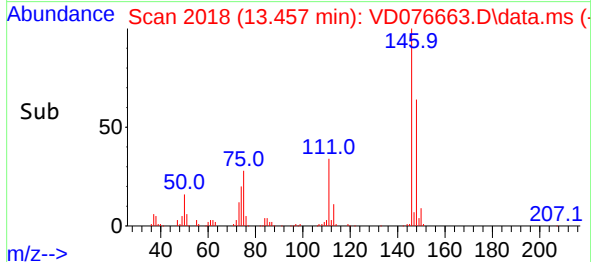
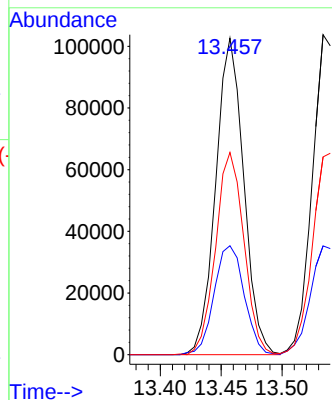
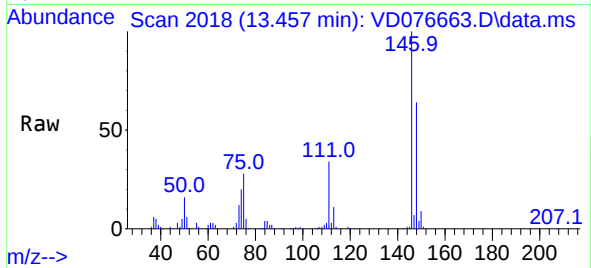




#64
1,3-Dichlorobenzene
Concen: 26.701 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

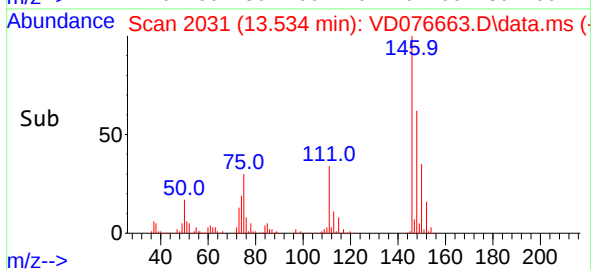
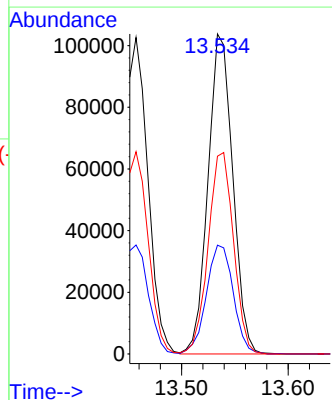
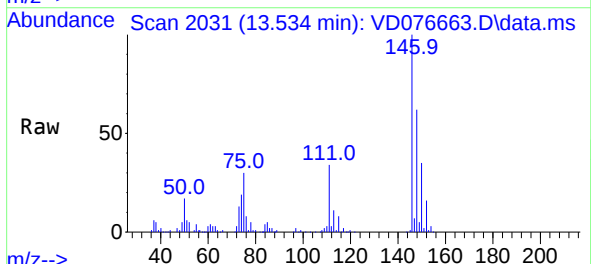
Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

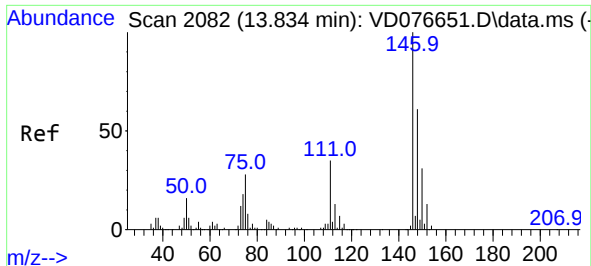
Tgt Ion:146 Resp: 164270
Ion Ratio Lower Upper
146 100
111 34.4 25.6 47.4
148 63.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 27.014 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:146 Resp: 167528
Ion Ratio Lower Upper
146 100
111 34.0 25.7 47.7
148 61.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 26.512 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076663.D

Acq: 30 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

VSTD025167

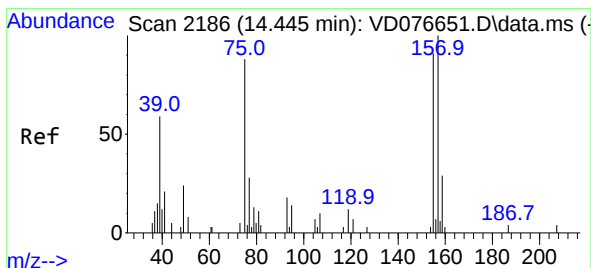
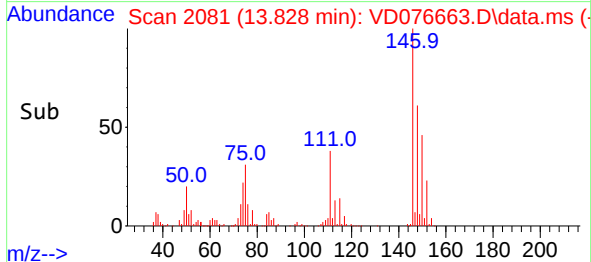
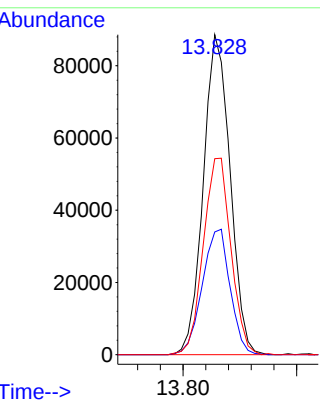
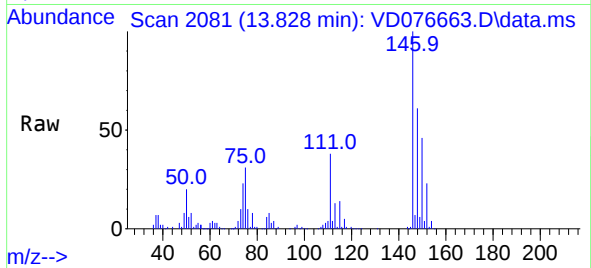
Tgt Ion:146 Resp: 145306

Ion Ratio Lower Upper

146 100

111 38.4 31.3 46.9

148 61.3 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 25.128 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076663.D

Acq: 30 Jun 2023 15:27

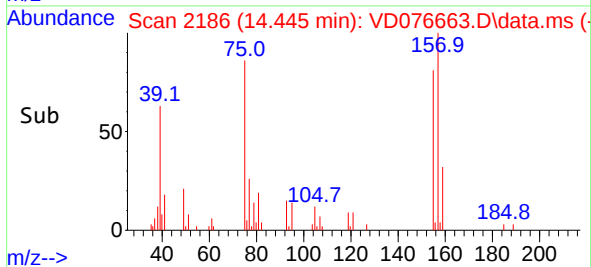
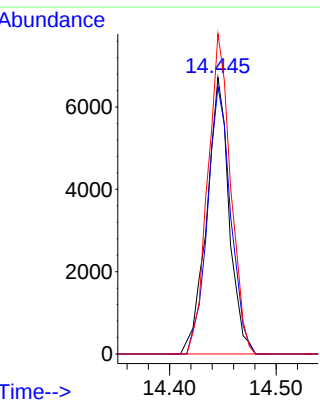
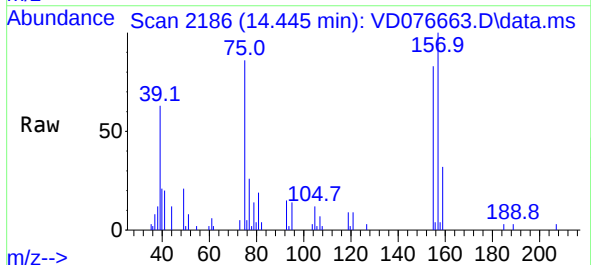
Tgt Ion: 75 Resp: 9826

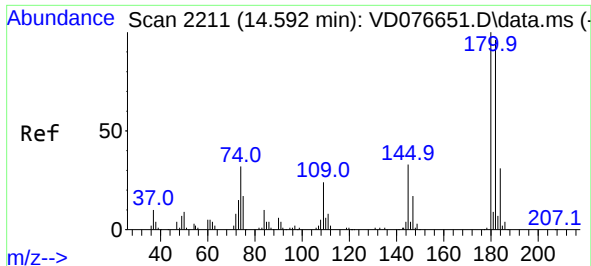
Ion Ratio Lower Upper

75 100

155 101.2 76.2 114.4

157 115.7 89.4 134.2



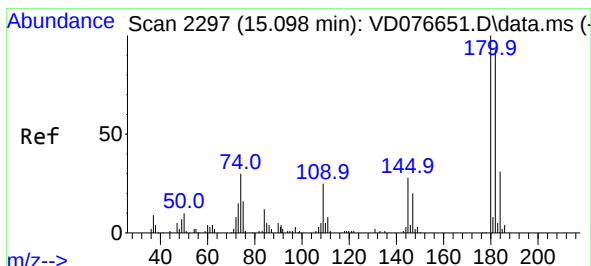
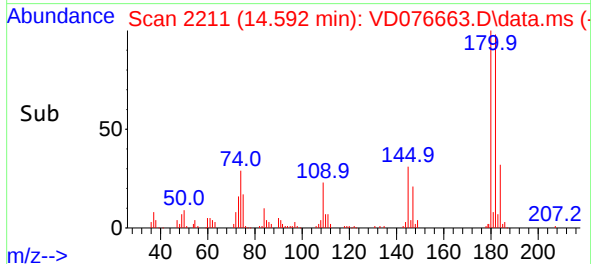
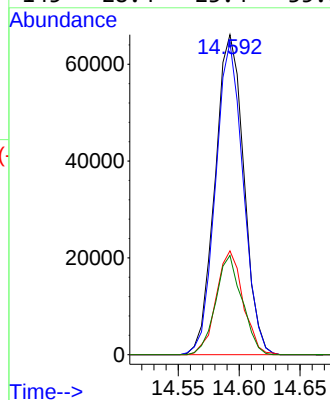
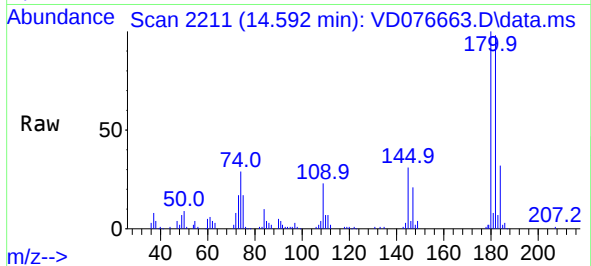


#69
1,3,5-Trichlorobenzene
Concen: 26.470 ug/L
RT: 14.592 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

Tgt Ion:180 Resp: 108625

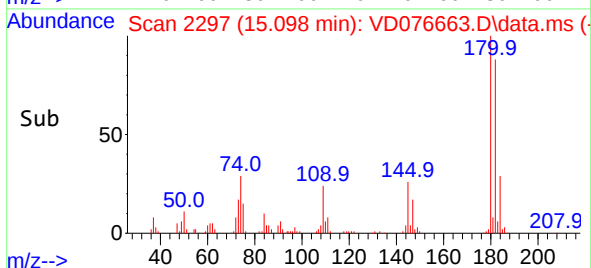
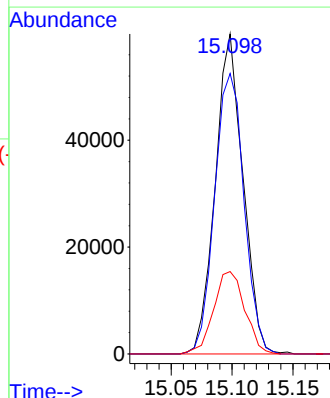
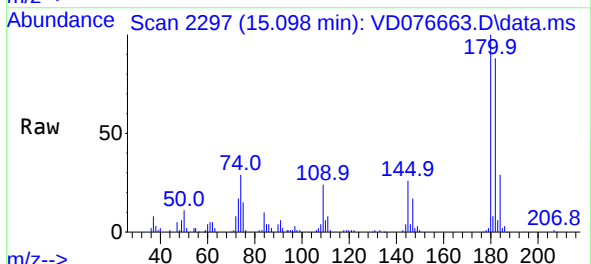
Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
184	30.4	25.0	37.4
145	28.4	23.4	35.0

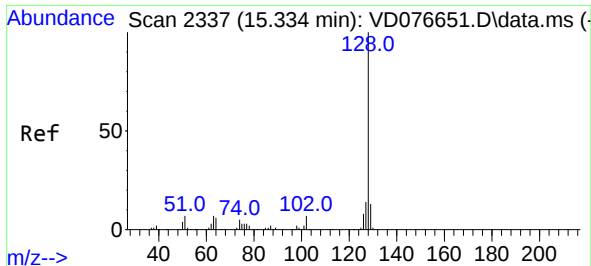


#70
1,2,4-trichlorobenzene
Concen: 25.984 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:180 Resp: 94876

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.9	115.3
145	29.0	23.5	35.3

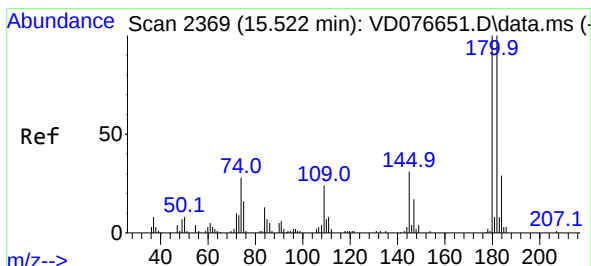
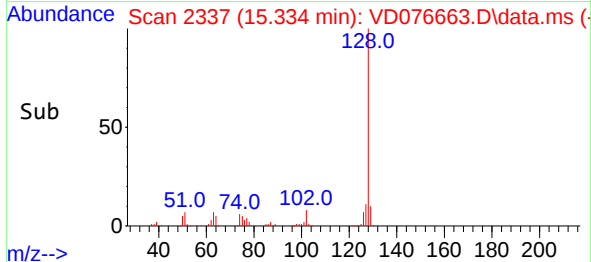
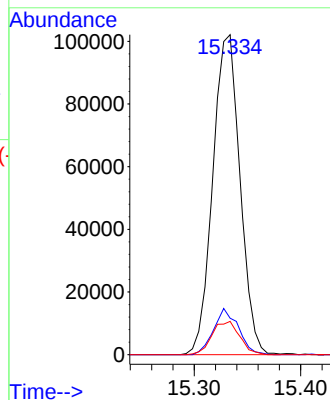
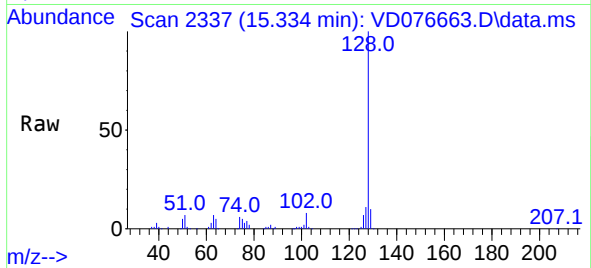




#71
Naphthalene
Concen: 25.940 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
VSTD025167

Tgt Ion:128 Resp: 181339
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.860 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 15:27

Tgt Ion:180 Resp: 81996
Ion Ratio Lower Upper
180 100
182 94.8 74.3 111.5
145 31.3 25.0 37.6

