

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075574.D
 Acq On : 05 Apr 2023 12:02
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025123

Quant Time: Apr 05 23:37:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	370239	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	334397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	164592	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	231977	26.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.640%	
7) Chloroethane-d5	2.805	69	210992	27.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.040%	
11) 1,1-Dichloroethene-d2	3.922	63	186058	26.759	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 107.040%	
21) 2-Butanone-d5	6.987	46	35183	62.674	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.340%	
24) Chloroform-d	7.569	84	232906	26.682	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.720%	
26) 1,2-Dichloroethane-d4	8.234	65	100305	25.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.720%	
32) Benzene-d6	8.198	84	496603	25.402	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.600%	
36) 1,2-Dichloropropane-d6	9.210	67	132193	25.373	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.480%	
41) Toluene-d8	10.269	98	468784	25.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.280%	
43) trans-1,3-Dichloroprop...	10.528	79	56803	26.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.600%	
47) 2-Hexanone-d5	10.875	63	35587	57.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.440%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108101	27.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.800%	
66) 1,2-Dichlorobenzene-d4	13.816	152	145627	25.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	82096	23.660	ug/L	97
3) Chloromethane	2.146	50	111677	24.595	ug/L	98
5) Vinyl chloride	2.287	62	175499	24.800	ug/L	99
6) Bromomethane	2.699	94	121210	25.104	ug/L	96
8) Chloroethane	2.840	64	125547	25.466	ug/L	95
9) Trichlorofluoromethane	3.175	101	157870	25.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	116180	27.180	ug/L	98
12) 1,1-Dichloroethene	3.946	96	91480	25.907	ug/L	85
13) Acetone	4.016	43	35210	59.805	ug/L	96
14) Carbon disulfide	4.269	76	197785	23.412	ug/L	99
15) Methyl Acetate	4.563	43	29228	29.624	ug/L #	78
16) Methylene chloride	4.799	84	111276	21.865	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	98409	26.251	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	206859	29.021	ug/L	99
19) 1,1-Dichloroethane	6.110	63	171093	26.625	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	121262	27.548	ug/L	96
22) 2-Butanone	7.081	43	41658	59.401	ug/L	98
23) Bromochloromethane	7.428	128	55557	26.768	ug/L	99
25) Chloroform	7.598	83	204165	26.525	ug/L	96

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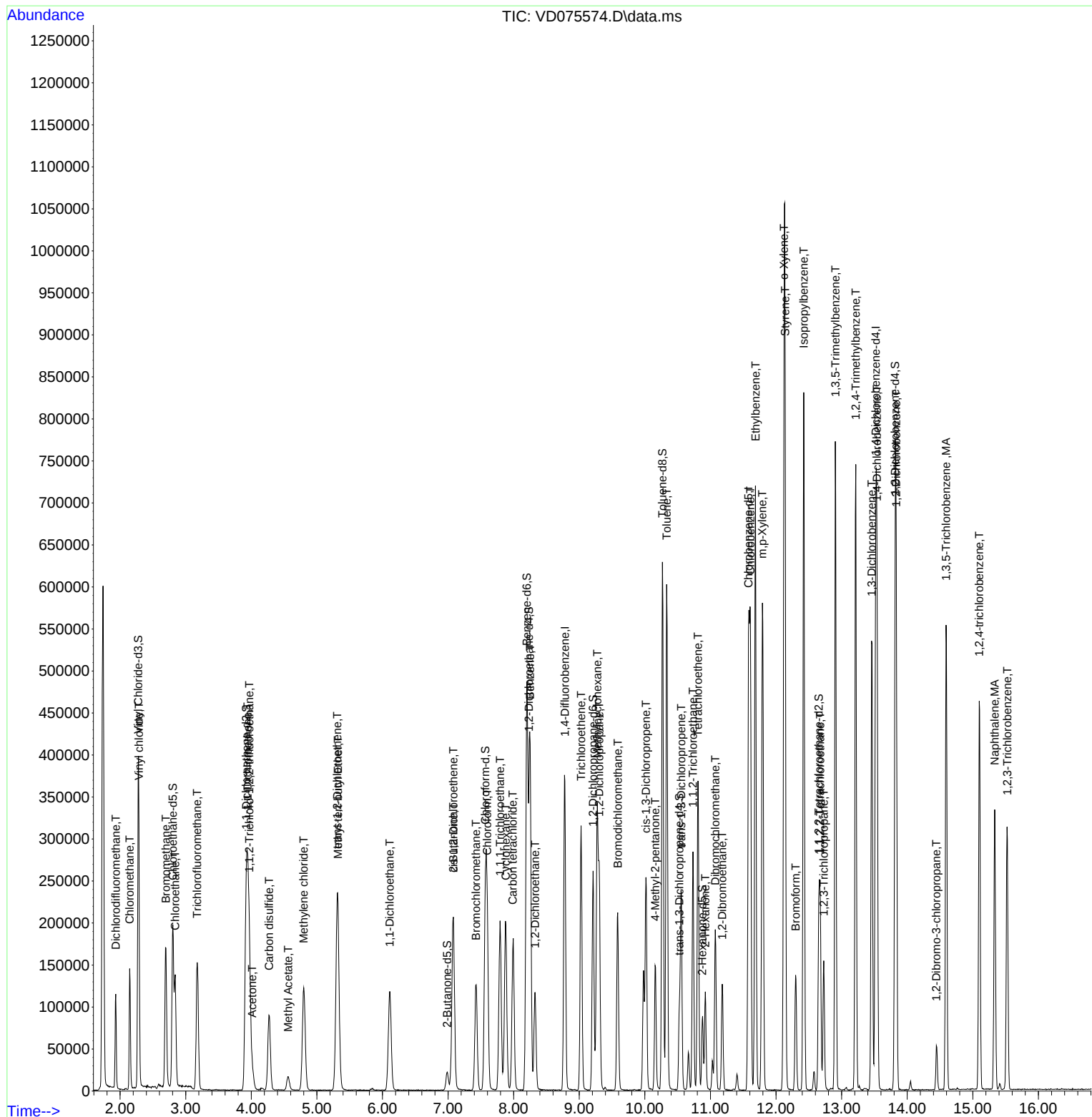
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	103292	25.963	ug/L	99
29) Cyclohexane	7.881	56	106011	25.978	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	171647	26.057	ug/L	98
31) Carbon tetrachloride	7.987	117	136975	25.758	ug/L	97
33) Benzene	8.251	78	426673	24.796	ug/L	100
34) Trichloroethene	9.028	95	111418	23.112	ug/L	95
35) Methylcyclohexane	9.275	83	157782	25.023	ug/L	99
37) 1,2-Dichloropropane	9.304	63	101981	25.191	ug/L	98
38) Bromodichloromethane	9.587	83	149617	25.949	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	169576	26.419	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	84963	55.993	ug/L	99
42) Toluene	10.334	91	488913	25.573	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	143023	26.207	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	96111	25.871	ug/L	97
46) Tetrachloroethene	10.810	164	88798	23.519	ug/L	98
48) 2-Hexanone	10.922	43	64204	62.783	ug/L	98
49) Dibromochloromethane	11.075	129	108230	26.908	ug/L	100
50) 1,2-Dibromoethane	11.181	107	85557	26.285	ug/L	99
51) Chlorobenzene	11.610	112	324405	25.195	ug/L	97
52) Ethylbenzene	11.686	91	529900	26.358	ug/L	99
53) m,p-Xylene	11.792	106	209901	26.626	ug/L	93
54) o-Xylene	12.122	106	204178	27.200	ug/L	99
55) Styrene	12.139	104	371612	27.783	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	107002	27.909	ug/L	95
59) Bromoform	12.298	173	63328	24.879	ug/L	99
60) Isopropylbenzene	12.422	105	552495	25.423	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	64410	24.724	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	418256	25.516	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	407628	26.005	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	245040	24.901	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	254696	24.814	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	225622	25.315	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13202	25.165	ug/L	87
69) 1,3,5-Trichlorobenzene	14.592	180	189080	31.157	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	162467	33.070	ug/L	97
71) Naphthalene	15.333	128	307065	33.805	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	111342	25.301	ug/L	99

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

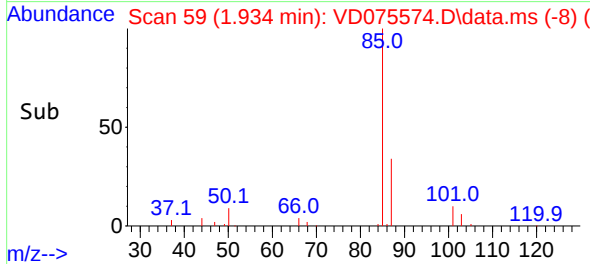
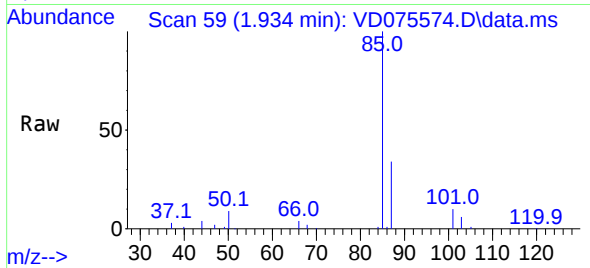
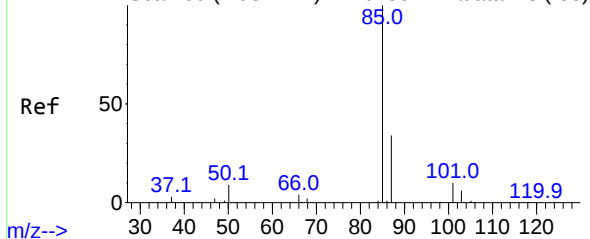
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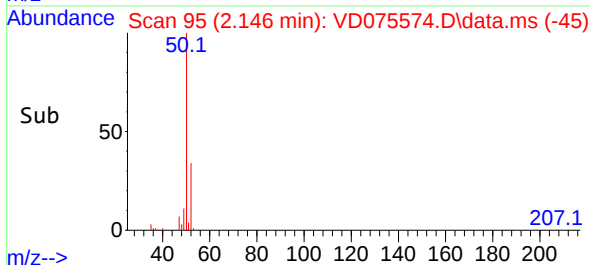
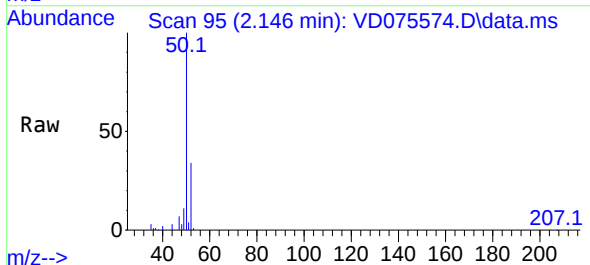
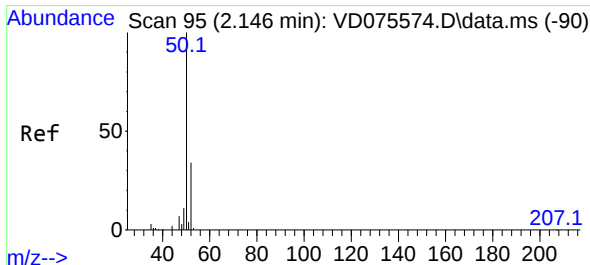
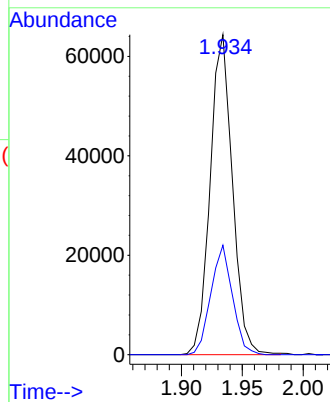
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#2
Dichlorodifluoromethane
Concen: 23.660 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

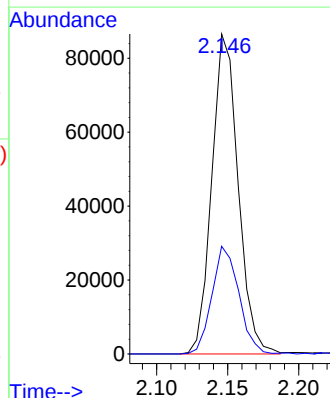
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

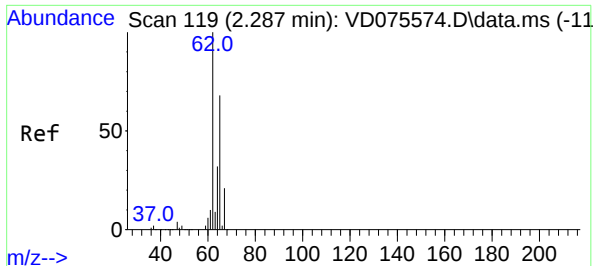
Tgt Ion: 85 Resp: 82096
Ion Ratio Lower Upper
85 100
87 33.1 25.0 37.4



#3
Chloromethane
Concen: 24.595 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 50 Resp: 111677
Ion Ratio Lower Upper
50 100
52 33.7 22.7 42.1

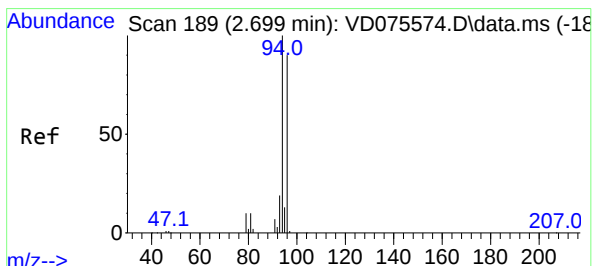
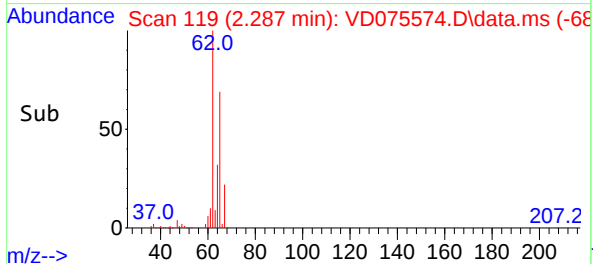
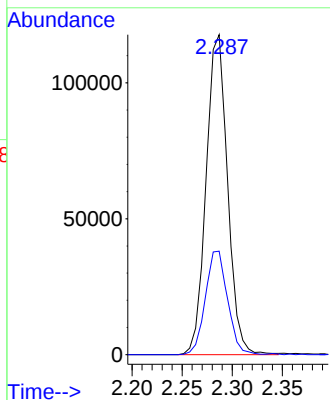
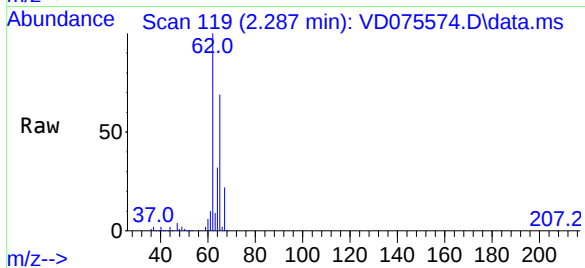




#5
 Vinyl chloride
 Concen: 24.800 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075574.D
 Acq: 05 Apr 2023 12:02

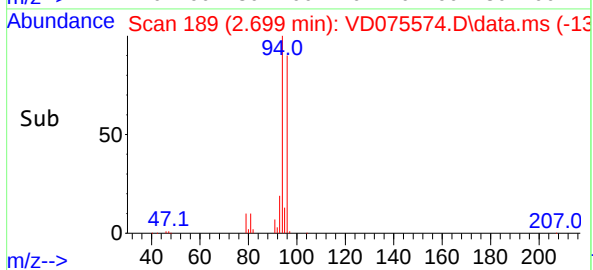
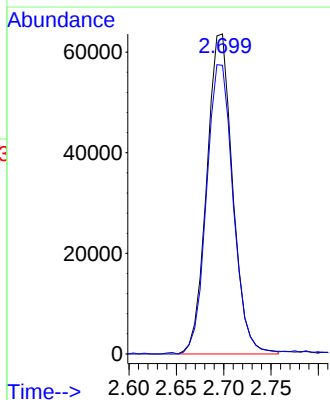
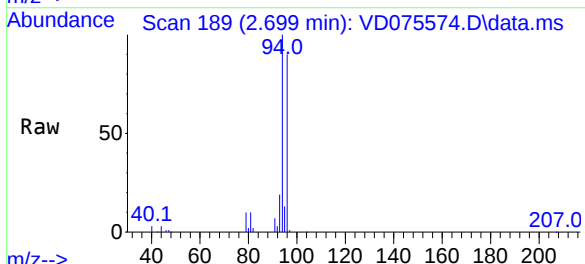
Instrument :
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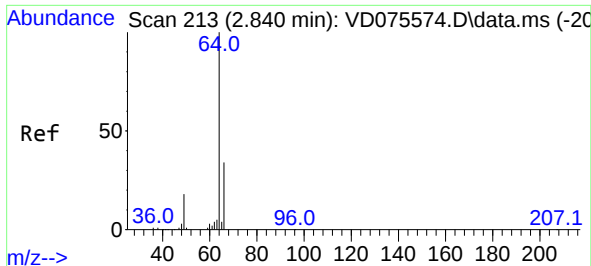
Tgt Ion: 62 Resp: 175499
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 25.104 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075574.D
 Acq: 05 Apr 2023 12:02

Tgt Ion: 94 Resp: 121210
 Ion Ratio Lower Upper
 94 100
 96 90.2 66.1 122.7

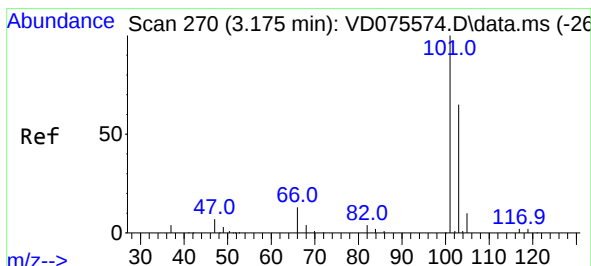
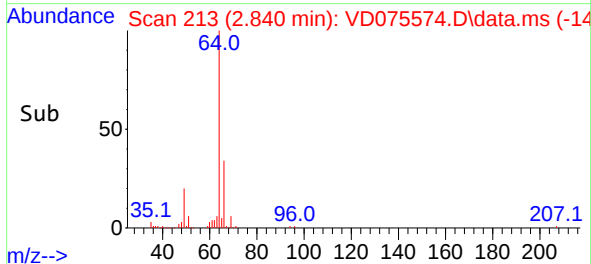
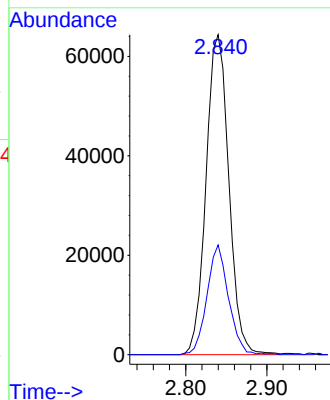
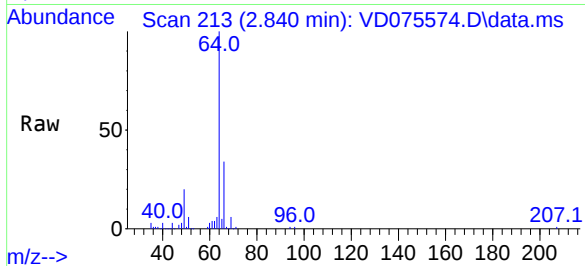




#8
Chloroethane
Concen: 25.466 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

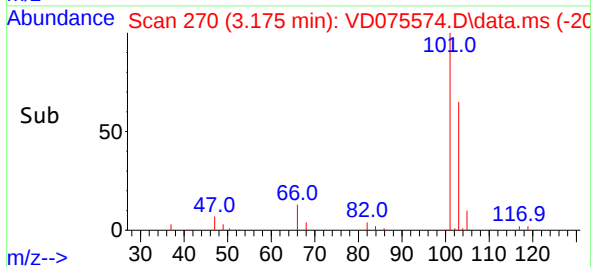
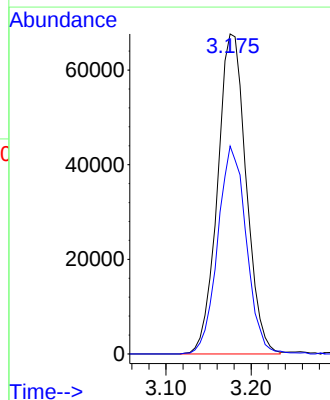
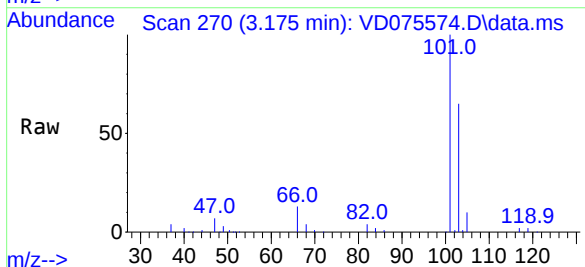
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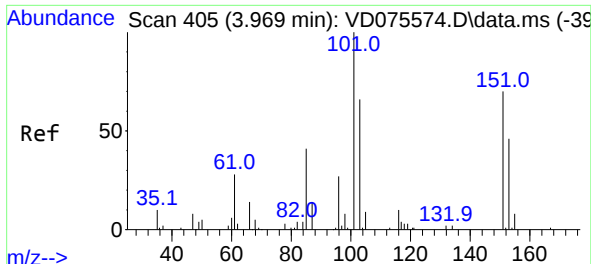
Tgt Ion: 64 Resp: 125547
Ion Ratio Lower Upper
64 100
66 34.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.657 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion:101 Resp: 157870
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

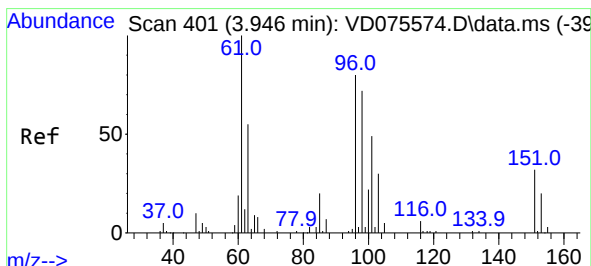
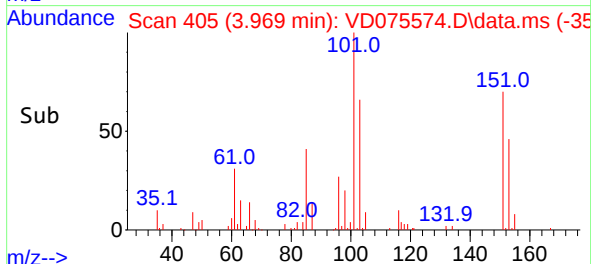
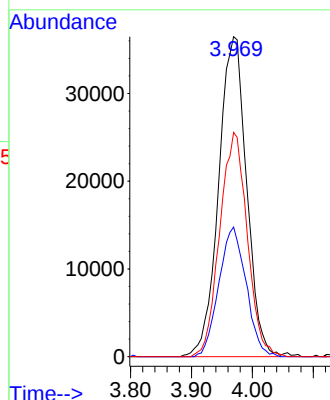
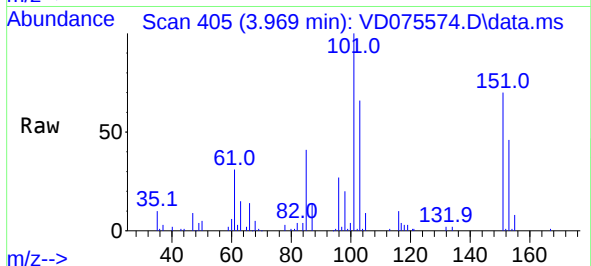




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.180 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075574.D
 Acq: 05 Apr 2023 12:02

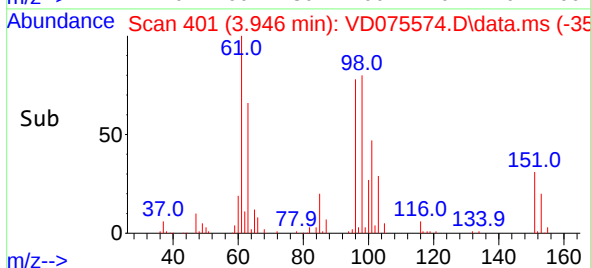
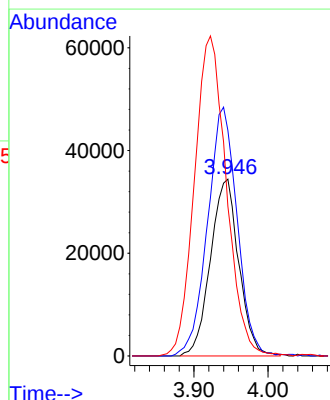
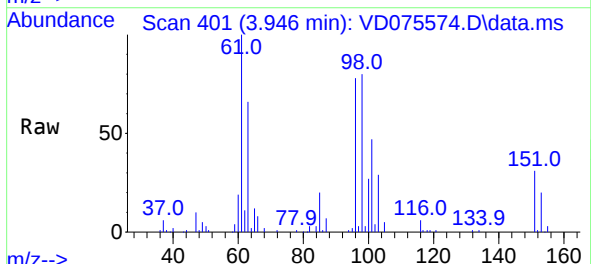
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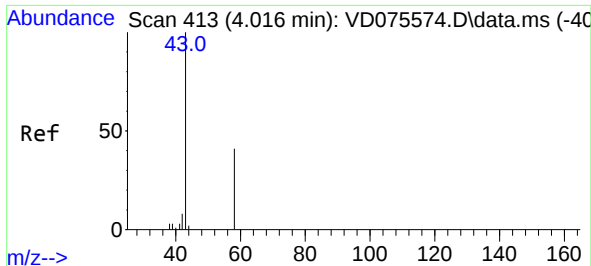
Tgt Ion:101 Resp: 116180
 Ion Ratio Lower Upper
 101 100
 85 39.5 33.4 50.0
 151 69.0 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 25.907 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075574.D
 Acq: 05 Apr 2023 12:02

Tgt Ion: 96 Resp: 91480
 Ion Ratio Lower Upper
 96 100
 61 127.6 96.7 179.7
 63 84.7 76.0 141.2





#13

Acetone

Concen: 59.805 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD075574.D

Acq: 05 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

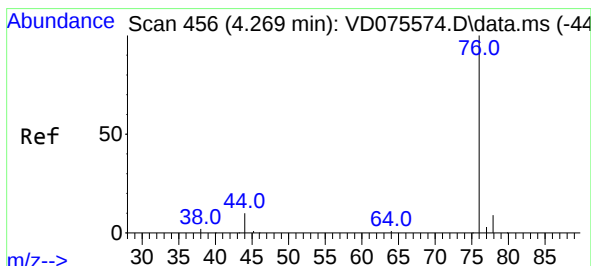
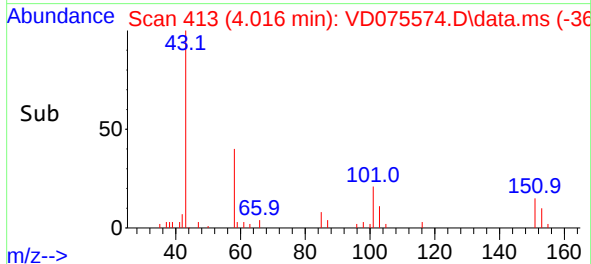
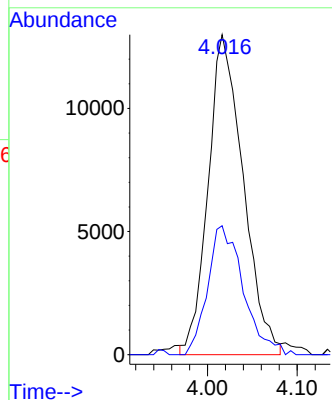
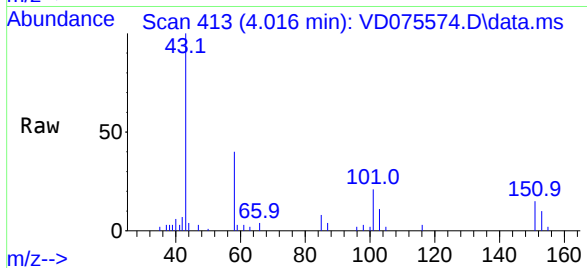
VSTD025123

Tgt Ion: 43 Resp: 35210

Ion Ratio Lower Upper

43 100

58 40.9 0.0 77.4



#14

Carbon disulfide

Concen: 23.412 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075574.D

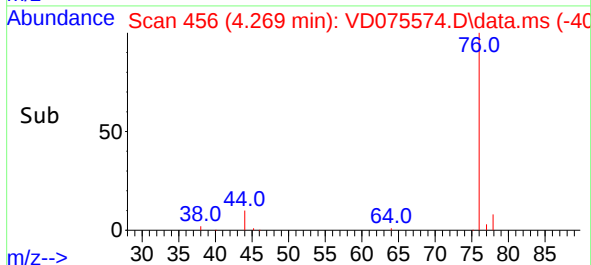
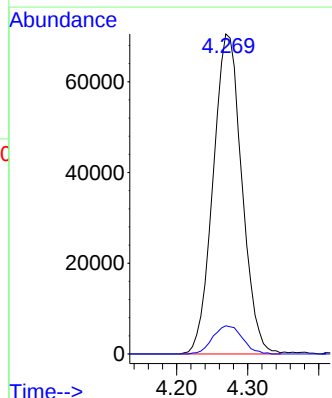
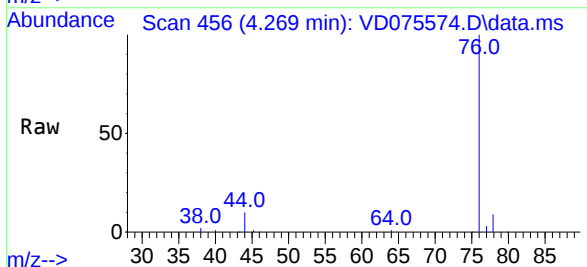
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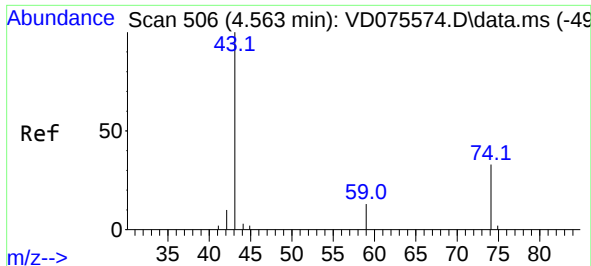
Tgt Ion: 76 Resp: 197785

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

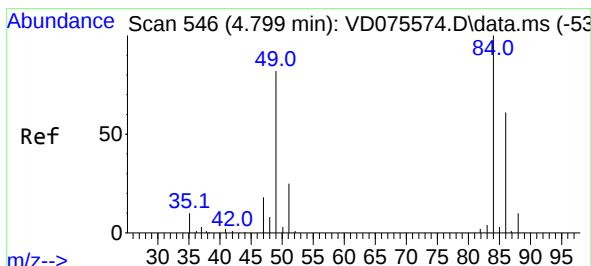
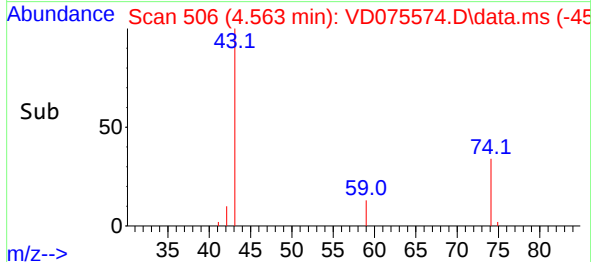
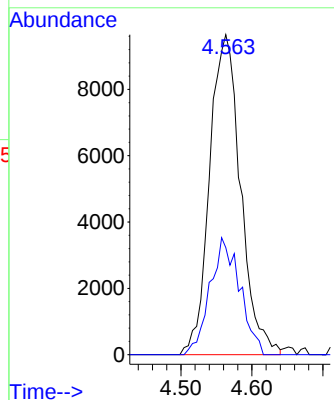
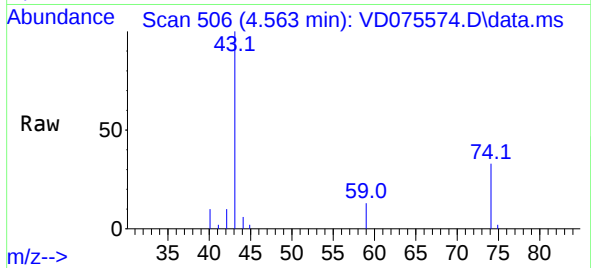




#15
Methyl Acetate
Concen: 29.624 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

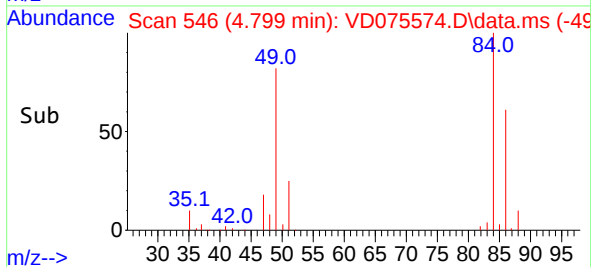
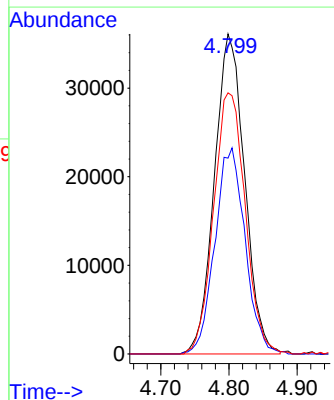
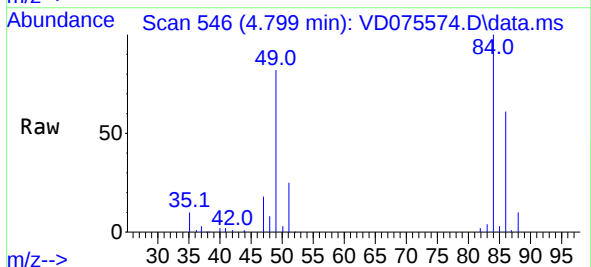
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

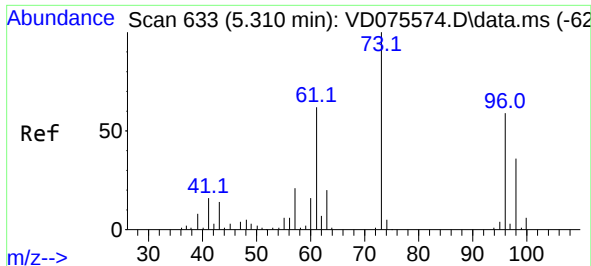
Tgt Ion: 43 Resp: 29228
Ion Ratio Lower Upper
43 100
74 23.4 29.0 43.4#



#16
Methylene chloride
Concen: 21.865 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 84 Resp: 111276
Ion Ratio Lower Upper
84 100
86 61.2 44.4 82.4
49 81.6 58.5 108.7

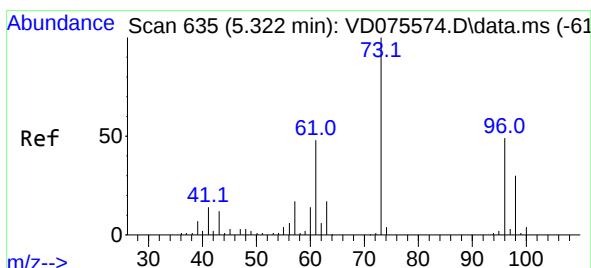
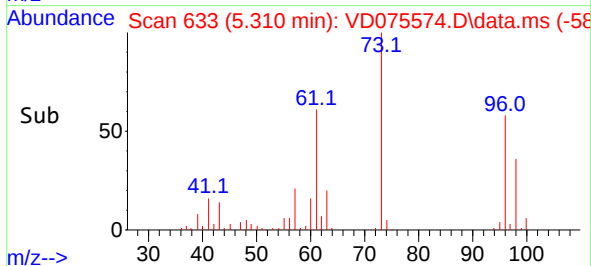
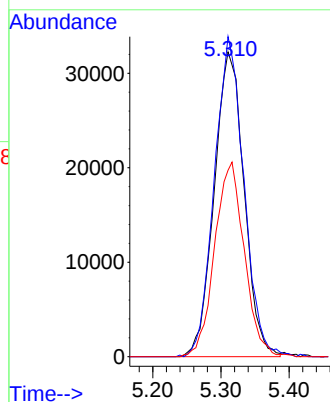
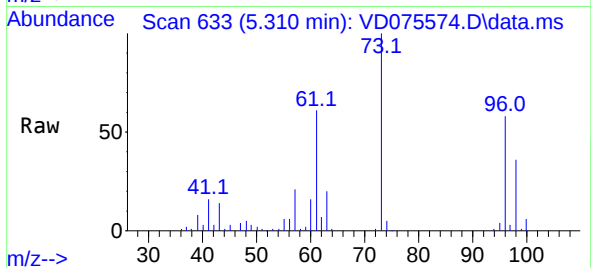




#17
trans-1,2-Dichloroethene
Concen: 26.251 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

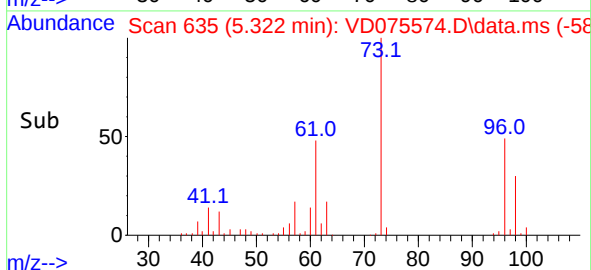
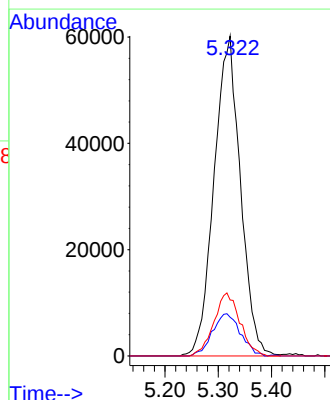
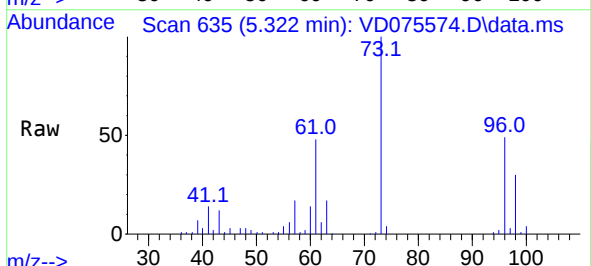
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

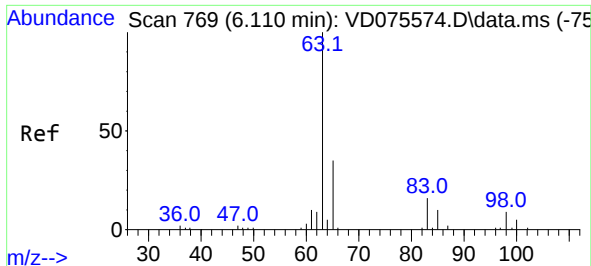
Tgt Ion: 96 Resp: 98409
Ion Ratio Lower Upper
96 100
61 105.0 75.4 140.0
98 61.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 29.021 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 73 Resp: 206859
Ion Ratio Lower Upper
73 100
43 14.0 11.4 17.0
57 19.5 15.8 23.6

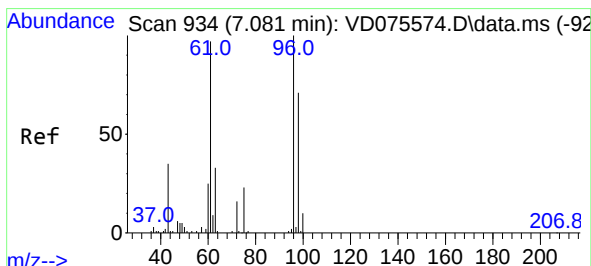
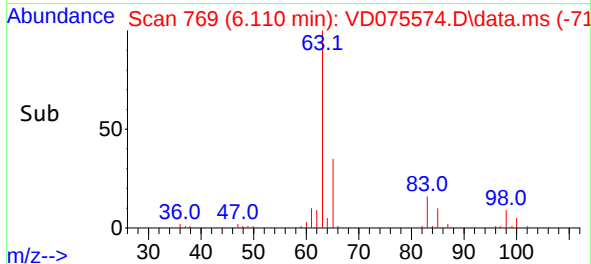
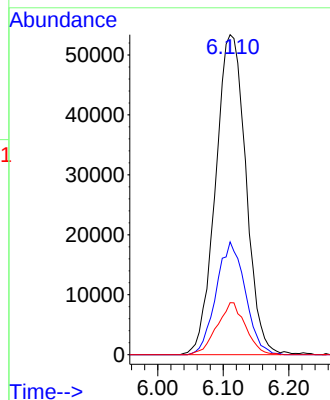
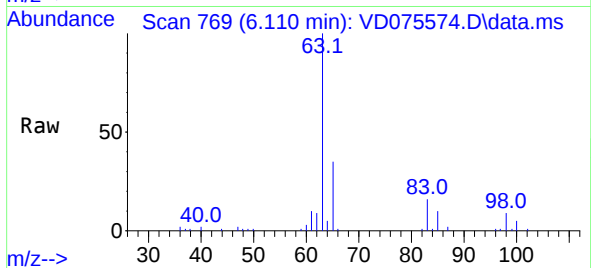




#19
1,1-Dichloroethane
Concen: 26.625 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

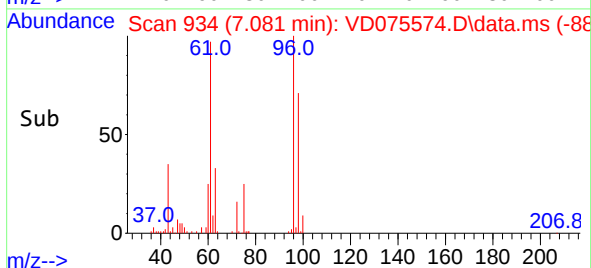
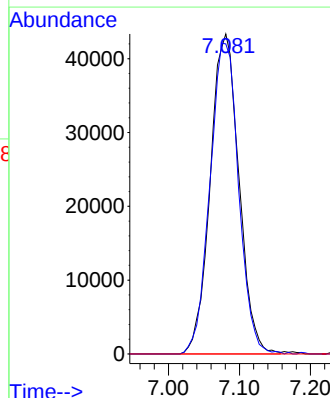
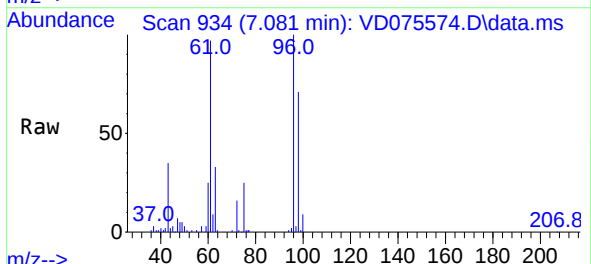
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

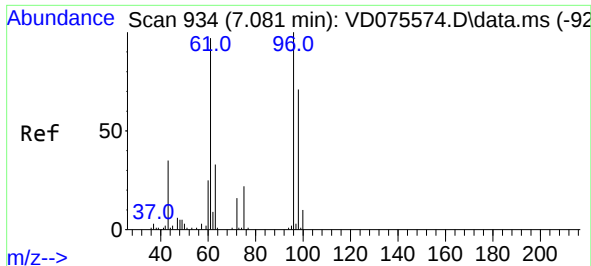
Tgt Ion: 63 Resp: 171093
Ion Ratio Lower Upper
63 100
65 35.2 23.1 42.9
83 16.2 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 27.548 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 96 Resp: 121262
Ion Ratio Lower Upper
96 100
61 96.9 64.8 120.4
68 0.0 0.0 0.0

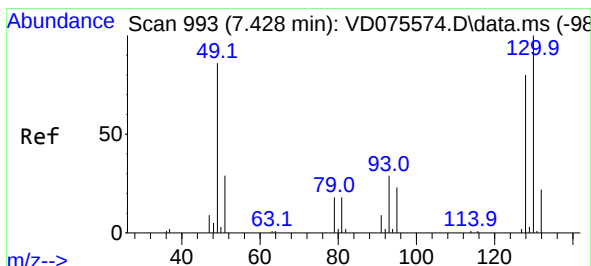
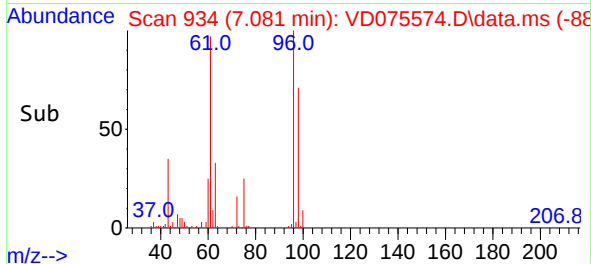
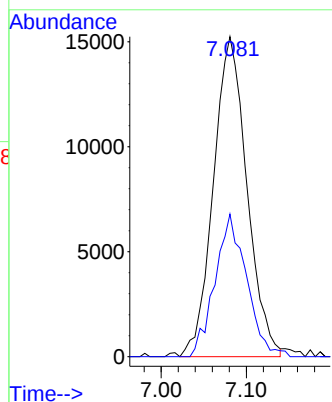
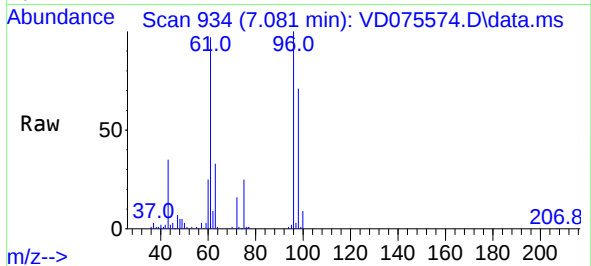




#22
2-Butanone
Concen: 59.401 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

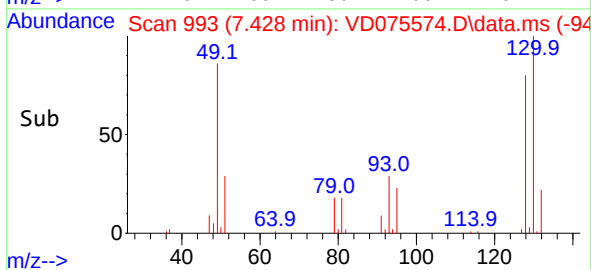
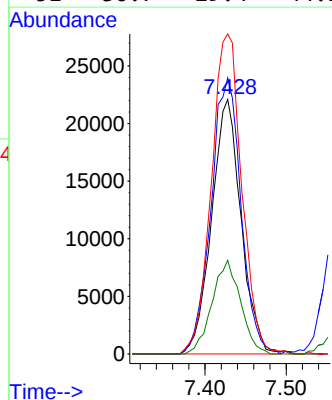
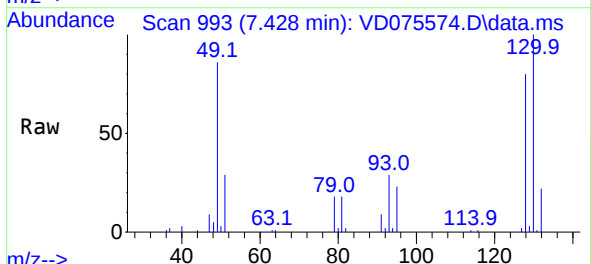
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

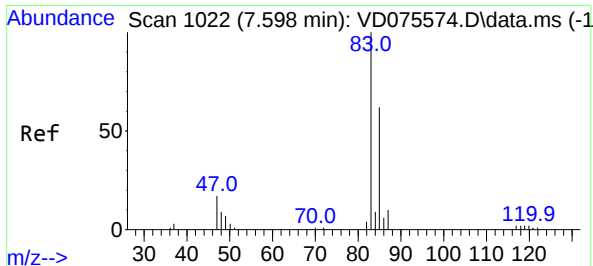
Tgt Ion: 43 Resp: 41658
Ion Ratio Lower Upper
43 100
72 41.2 21.3 63.9



#23
Bromochloromethane
Concen: 26.768 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 128 Resp: 55557
Ion Ratio Lower Upper
128 100
49 108.4 75.0 139.4
130 125.7 87.4 162.2
51 36.7 29.4 44.2





#25

Chloroform

Concen: 26.525 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075574.D

Acq: 05 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

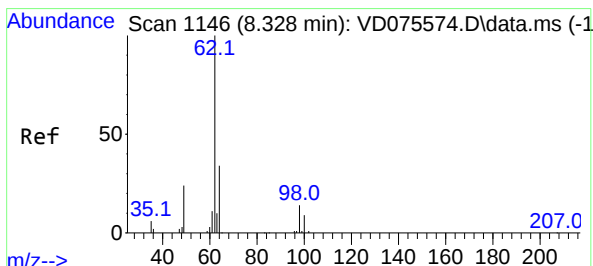
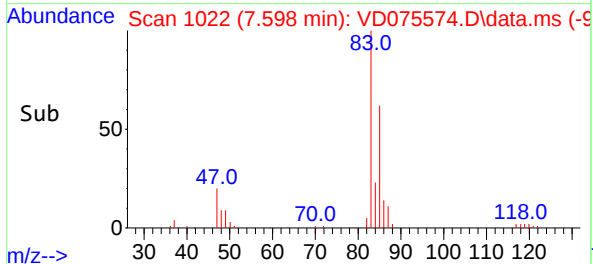
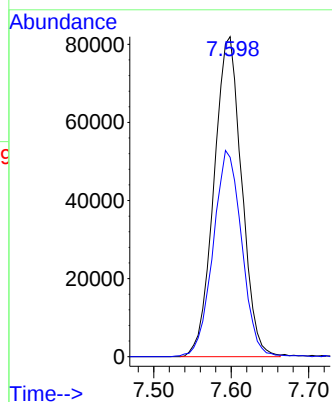
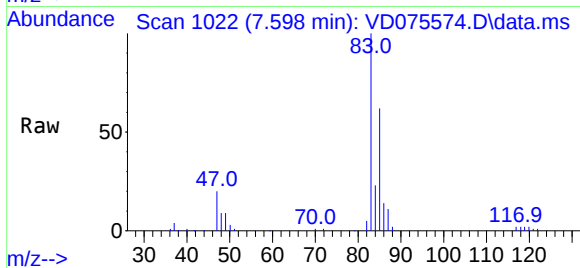
VSTD025123

Tgt Ion: 83 Resp: 204165

Ion Ratio Lower Upper

83 100

85 62.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 25.963 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075574.D

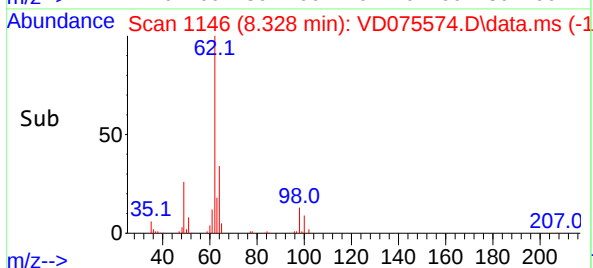
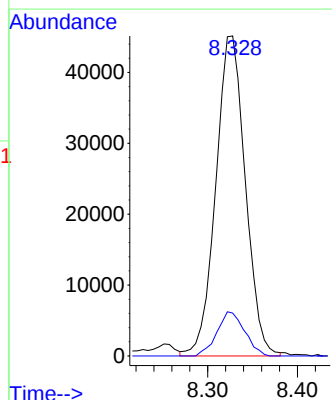
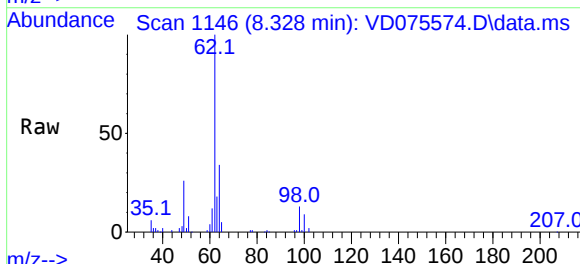
Acq: 05 Apr 2023 12:02

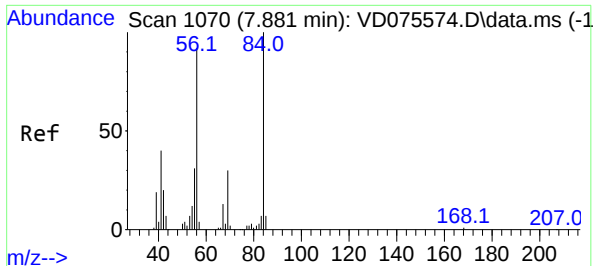
Tgt Ion: 62 Resp: 103292

Ion Ratio Lower Upper

62 100

98 13.4 10.5 15.7



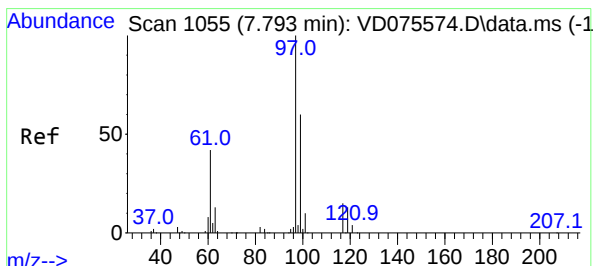
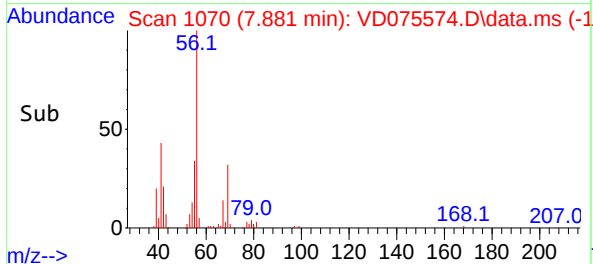
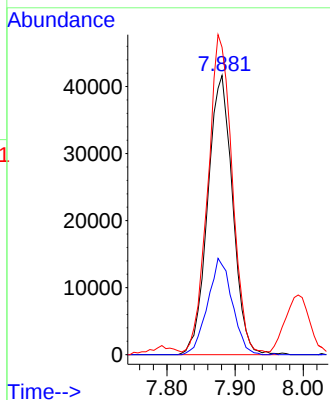
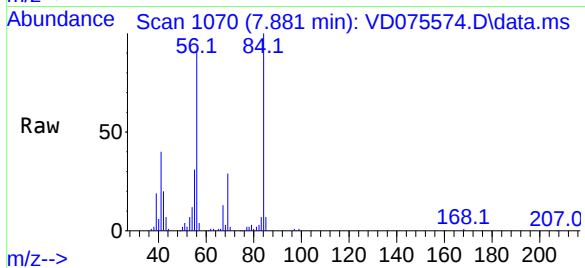


#29
Cyclohexane
Concen: 25.978 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

Tgt Ion: 56 Resp: 106011

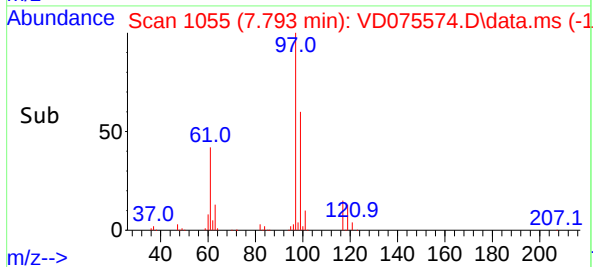
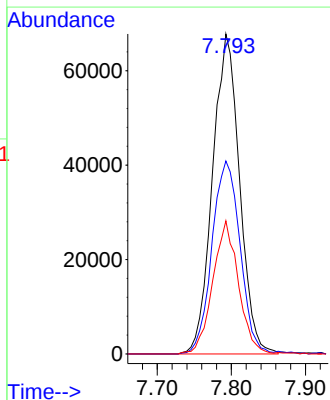
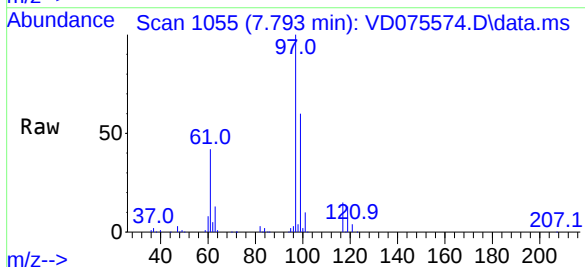
Ion	Ratio	Lower	Upper
56	100		
69	33.9	28.3	42.5
84	112.7	91.1	136.7

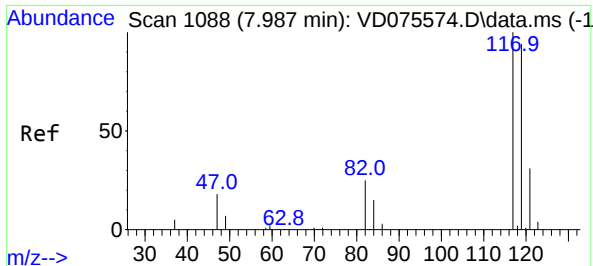


#30
1,1,1-Trichloroethane
Concen: 26.057 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 97 Resp: 171647

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.2
61	39.4	32.2	48.2

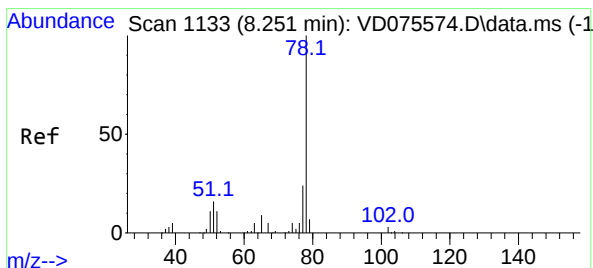
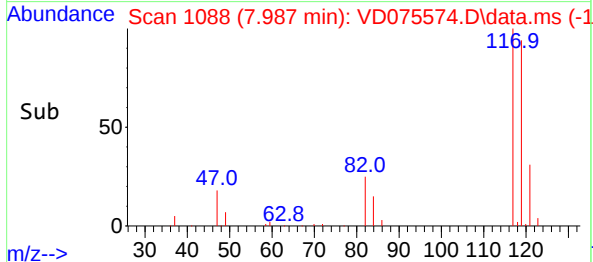
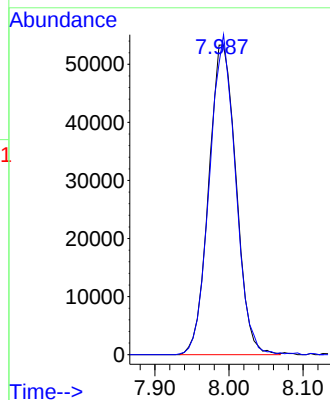
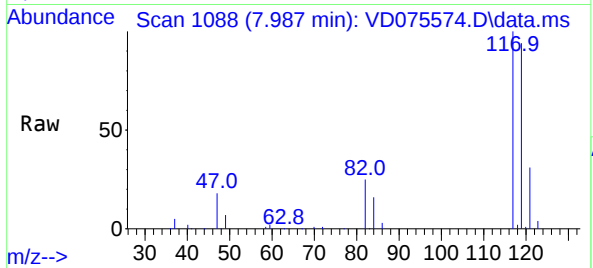




#31
Carbon tetrachloride
Concen: 25.758 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

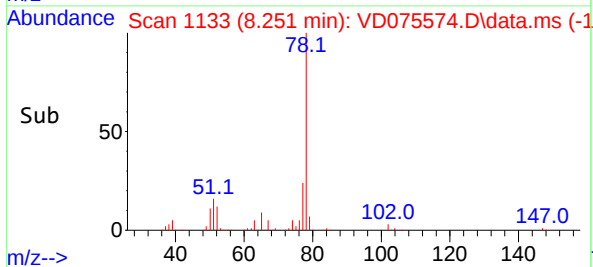
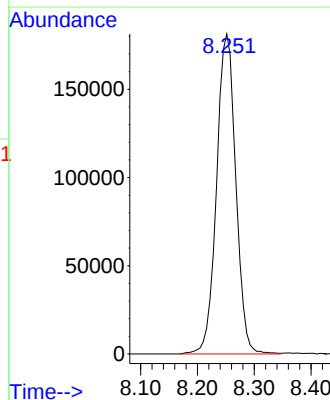
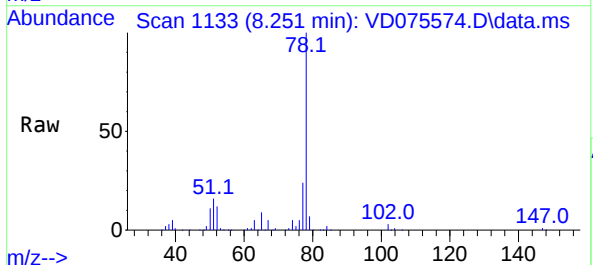
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

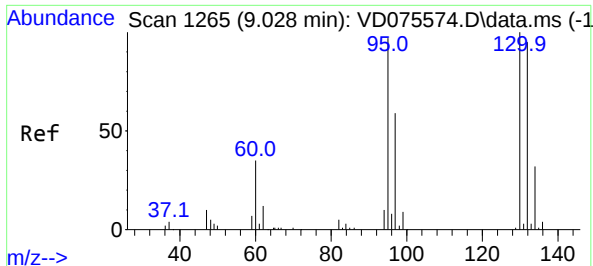
Tgt Ion:117 Resp: 136975
Ion Ratio Lower Upper
117 100
119 98.4 76.4 114.6



#33
Benzene
Concen: 24.796 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 78 Resp: 426673

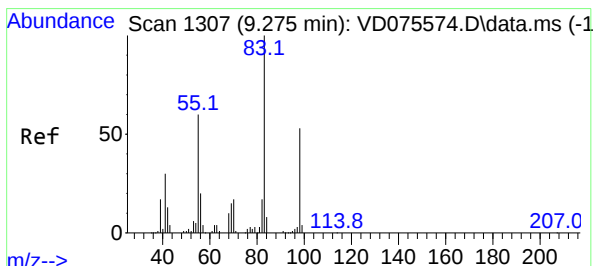
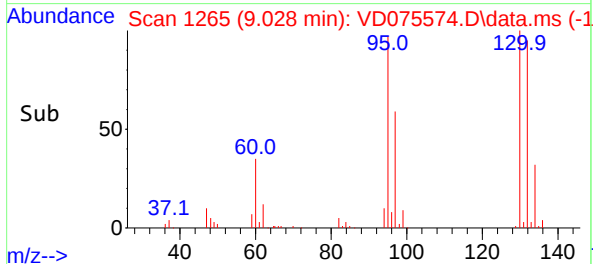
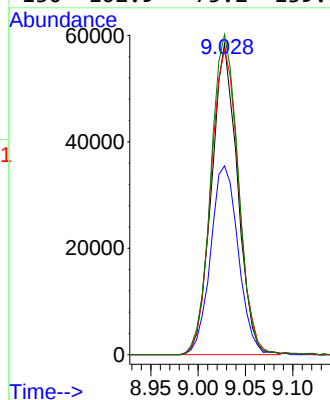
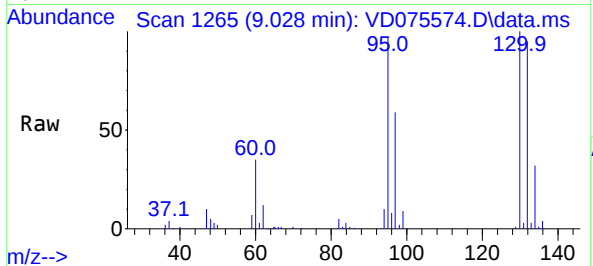




#34
Trichloroethene
Concen: 23.112 ug/L
RT: 9.028 min Scan# 111418
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

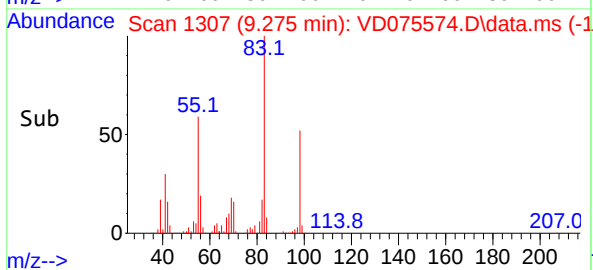
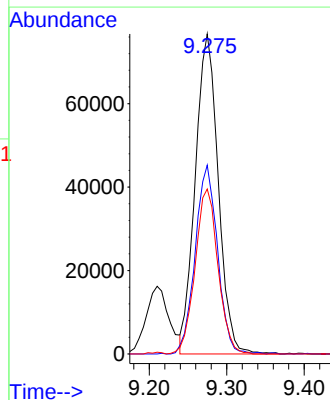
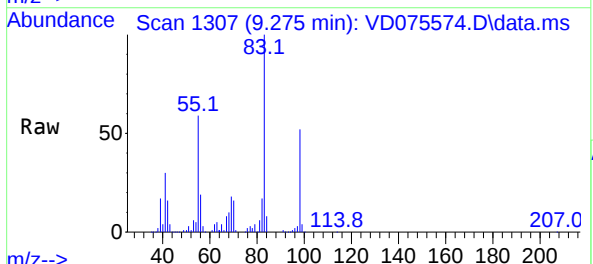
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

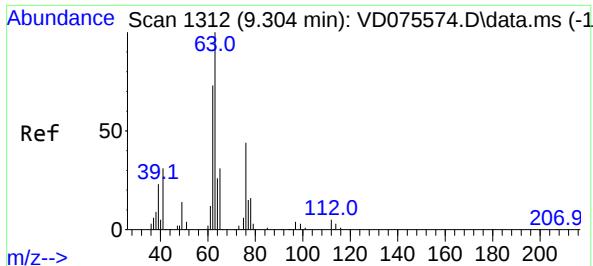
Tgt Ion: 95 Resp: 111418
Ion Ratio Lower Upper
95 100
97 60.7 47.0 87.2
132 98.2 71.2 132.2
130 102.9 75.2 139.6



#35
Methylcyclohexane
Concen: 25.023 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 83 Resp: 157782
Ion Ratio Lower Upper
83 100
55 57.3 46.9 70.3
98 51.4 40.8 61.2

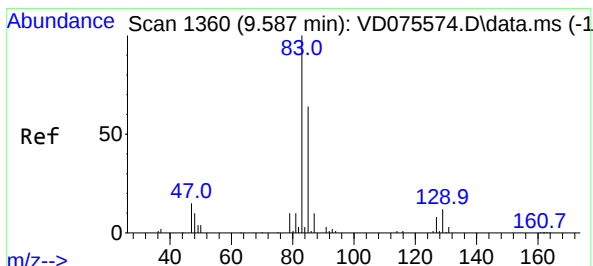
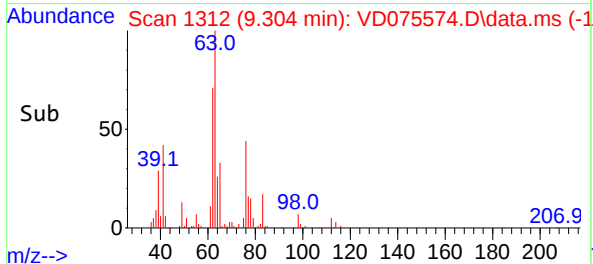
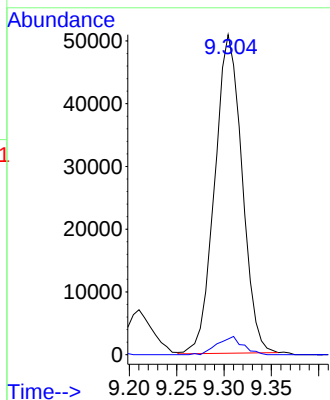
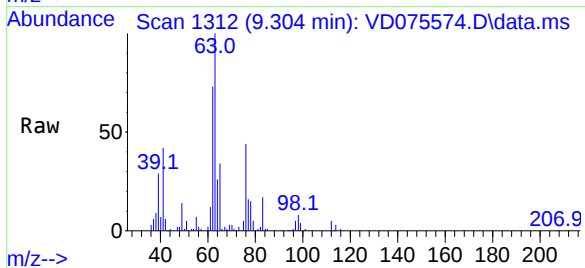




#37
1,2-Dichloropropane
Concen: 25.191 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

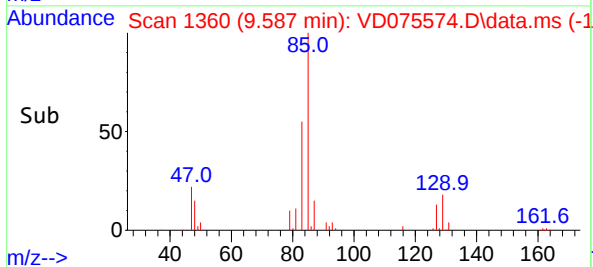
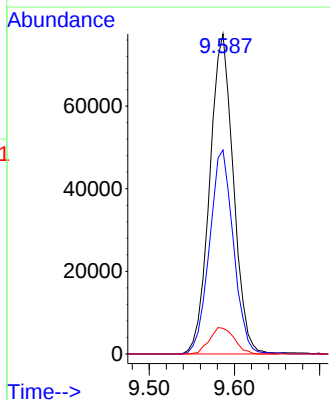
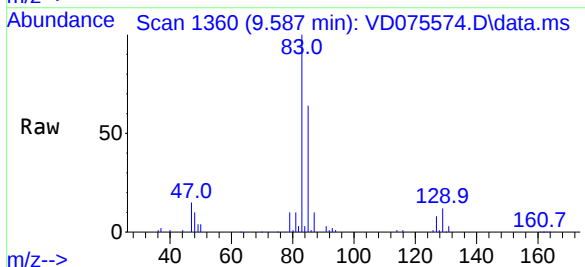
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

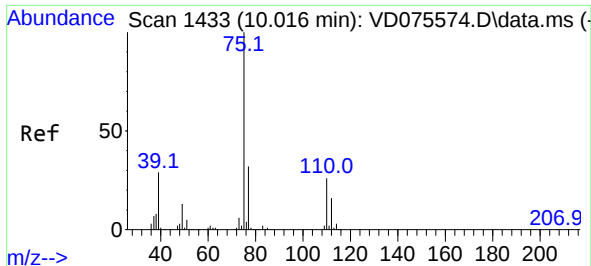
Tgt Ion: 63 Resp: 101981
Ion Ratio Lower Upper
63 100
112 5.3 4.7 7.1



#38
Bromodichloromethane
Concen: 25.949 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 83 Resp: 149617
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9
127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.419 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075574.D

Acq: 05 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

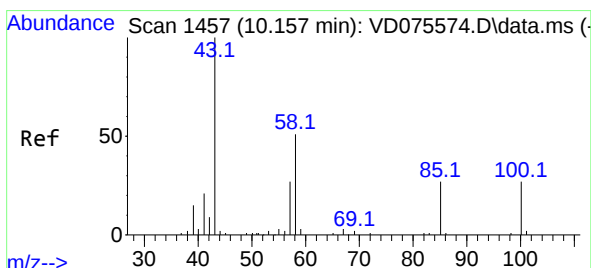
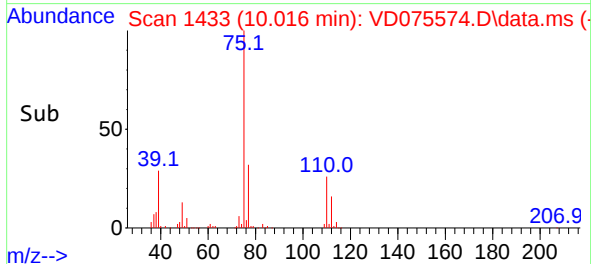
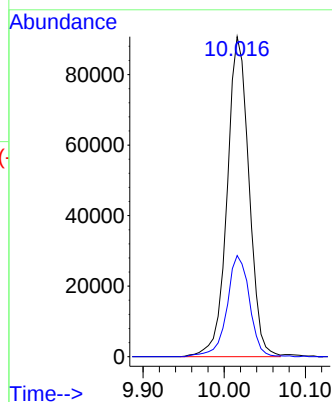
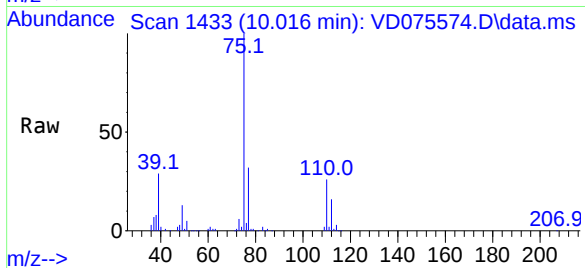
VSTD025123

Tgt Ion: 75 Resp: 169576

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 55.993 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075574.D

Acq: 05 Apr 2023 12:02

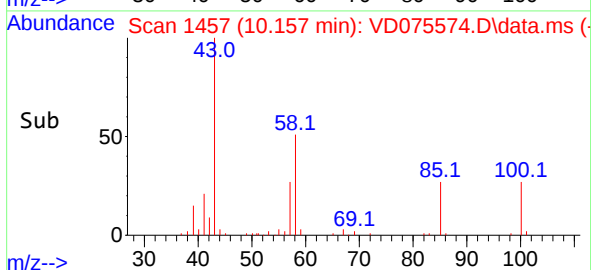
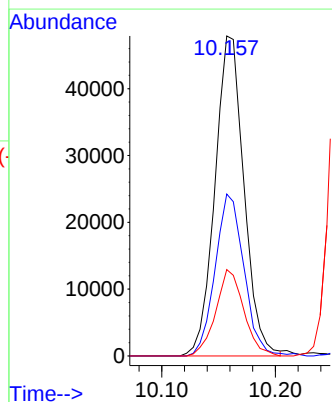
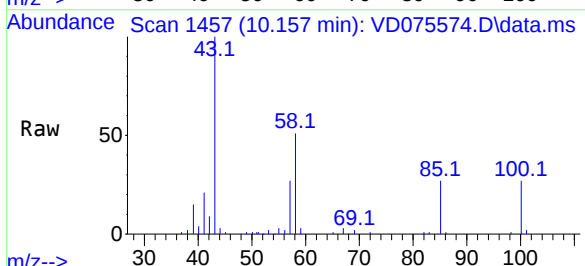
Tgt Ion: 43 Resp: 84963

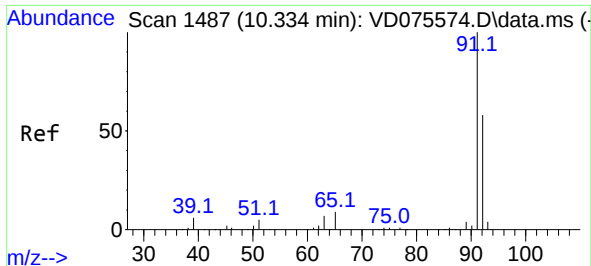
Ion Ratio Lower Upper

43 100

58 50.2 39.4 59.0

100 26.1 20.3 30.5

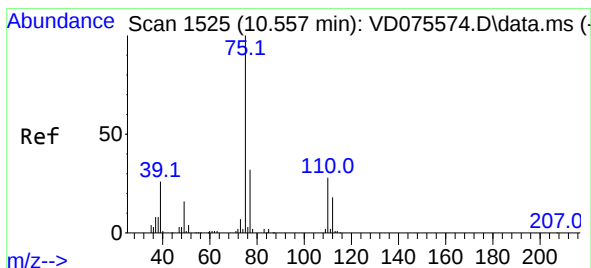
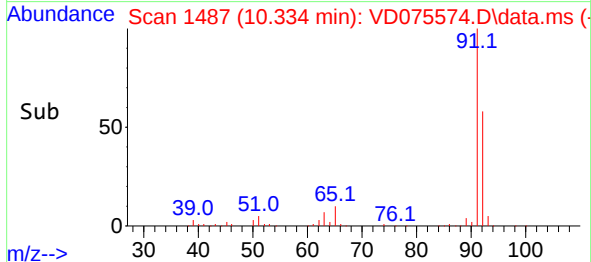
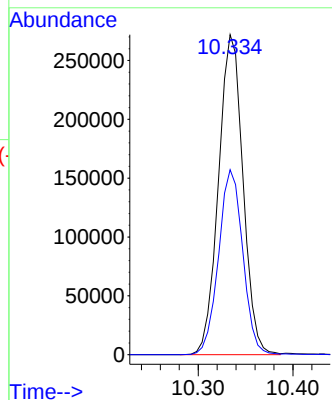
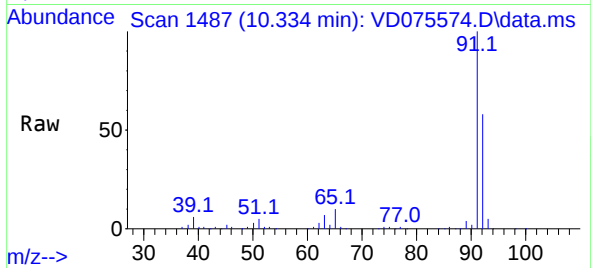




#42
Toluene
Concen: 25.573 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

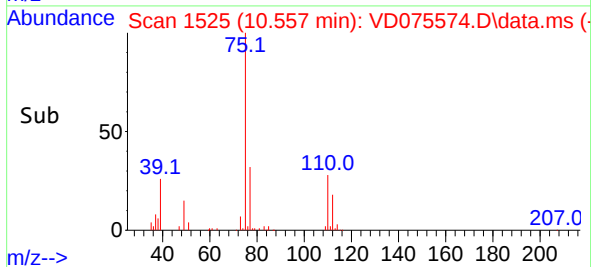
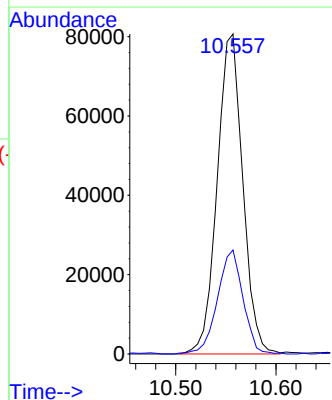
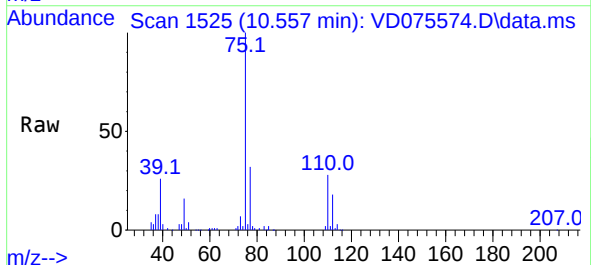
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

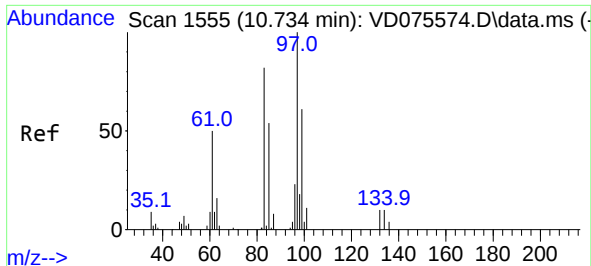
Tgt Ion: 91 Resp: 488913
Ion Ratio Lower Upper
91 100
92 57.8 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 26.207 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 75 Resp: 143023
Ion Ratio Lower Upper
75 100
77 32.5 22.1 41.1



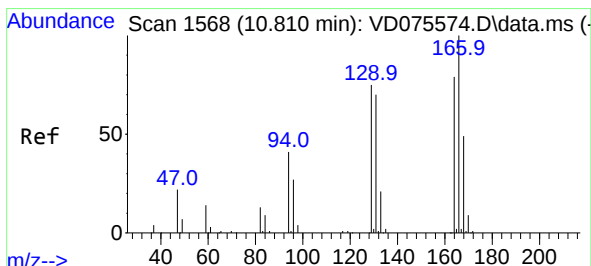
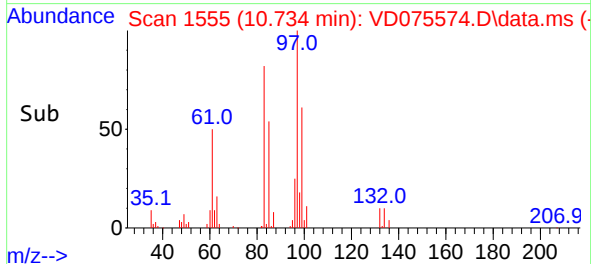
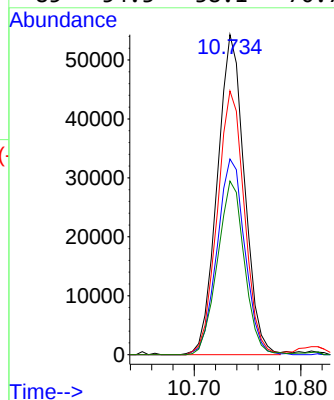
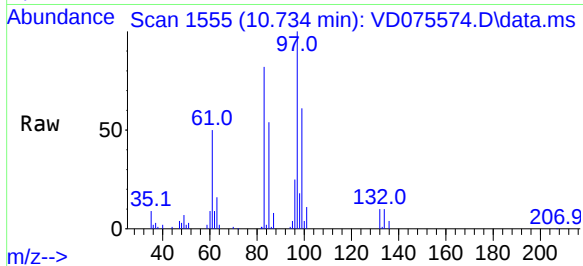


#45
1,1,2-Trichloroethane
Concen: 25.871 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

Tgt Ion: 97 Resp: 96111

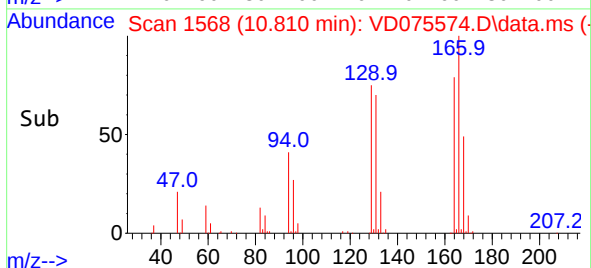
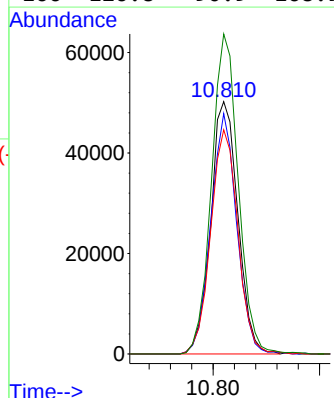
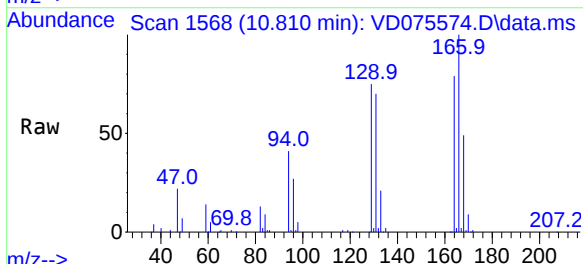
Ion	Ratio	Lower	Upper
97	100		
99	61.2	46.4	86.2
83	82.4	57.1	106.1
85	54.3	38.1	70.7

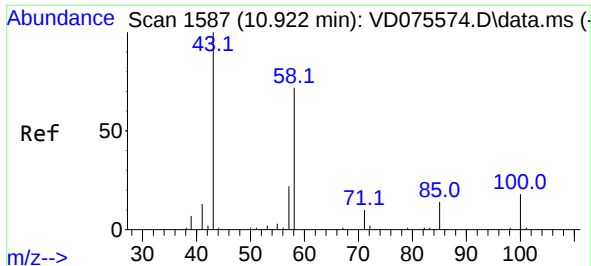


#46
Tetrachloroethene
Concen: 23.519 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 164 Resp: 88798

Ion	Ratio	Lower	Upper
164	100		
129	95.2	64.8	120.3
131	88.8	61.7	114.7
166	126.8	90.9	168.9



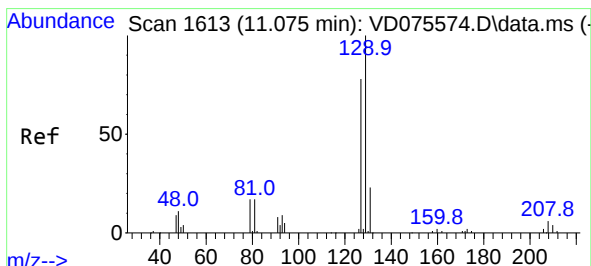
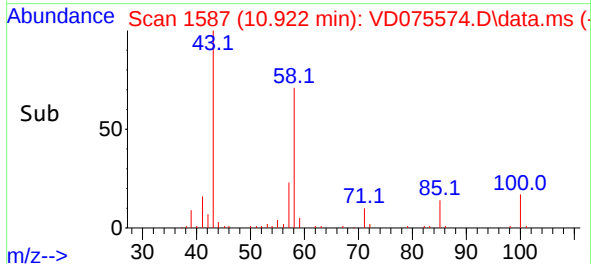
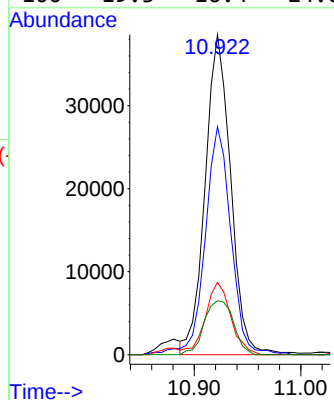
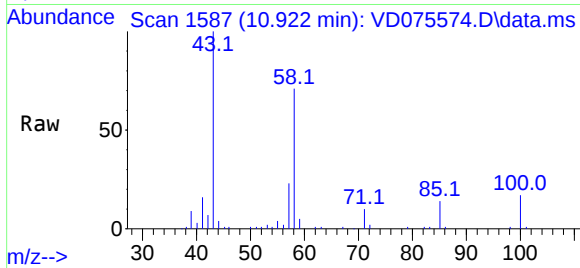


#48
2-Hexanone
Concen: 62.783 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

Tgt Ion: 43 Resp: 64204

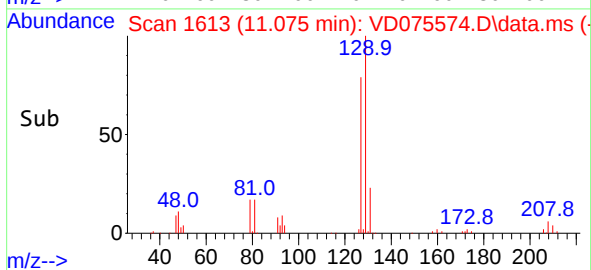
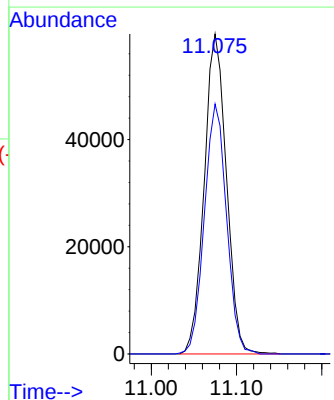
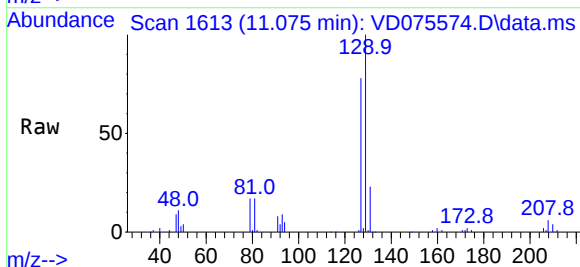
Ion	Ratio	Lower	Upper
43	100		
58	71.4	55.8	83.6
57	22.1	18.6	27.8
100	19.3	16.4	24.6

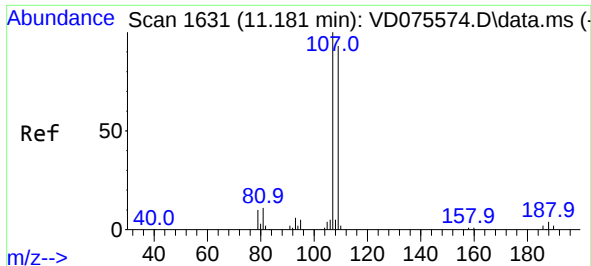


#49
Dibromochloromethane
Concen: 26.908 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 129 Resp: 108230

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.5	101.1

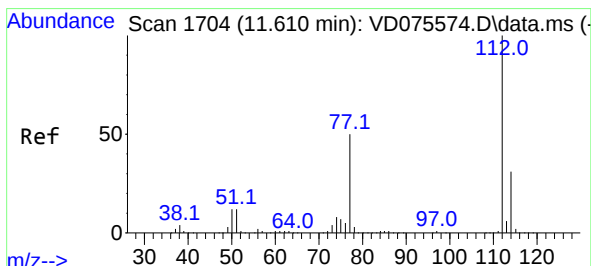
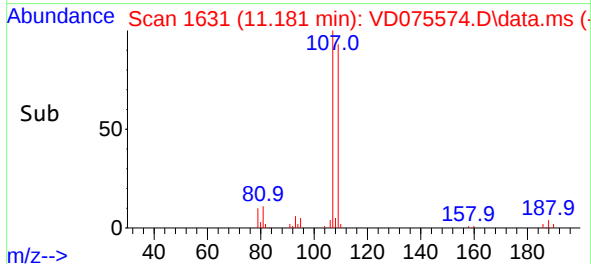
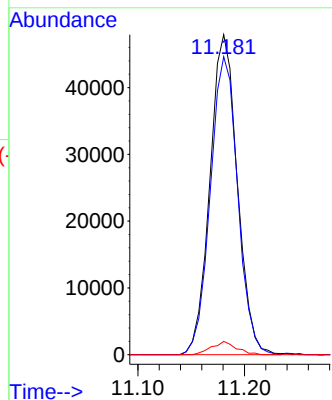
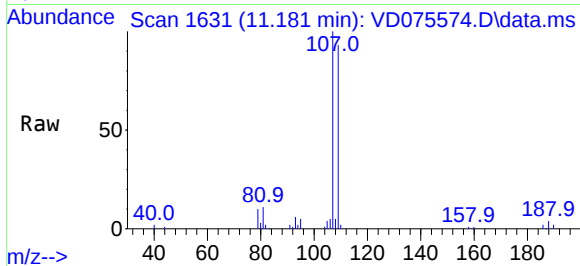




#50
1,2-Dibromoethane
Concen: 26.285 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

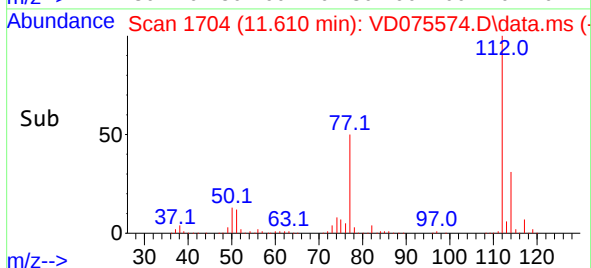
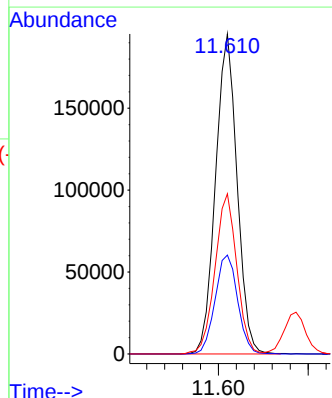
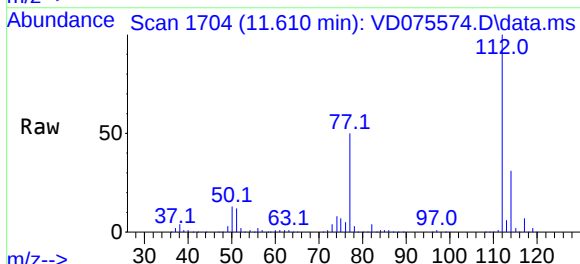
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

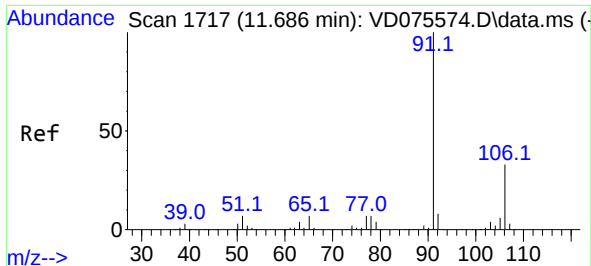
Tgt Ion:	107	Resp:	85557
Ion	Ratio	Lower	Upper
107	100		
109	93.1	64.8	120.3
188	4.1	3.4	5.0



#51
Chlorobenzene
Concen: 25.195 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion:	112	Resp:	324405
Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.1	39.1
77	50.0	37.8	56.6

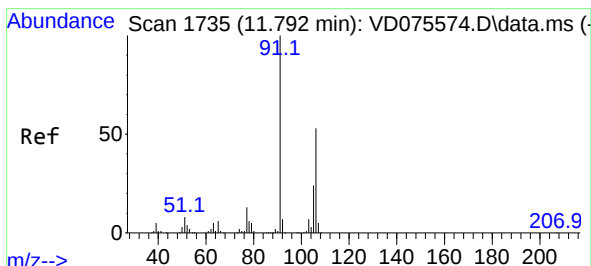
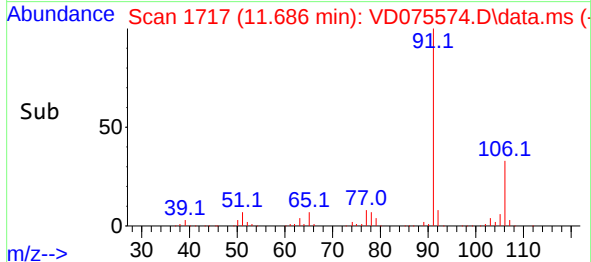
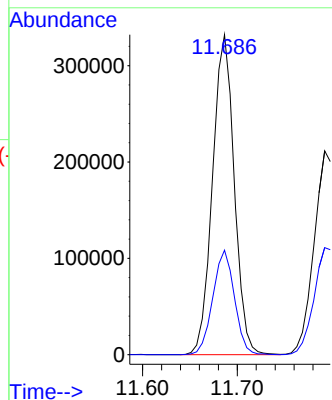
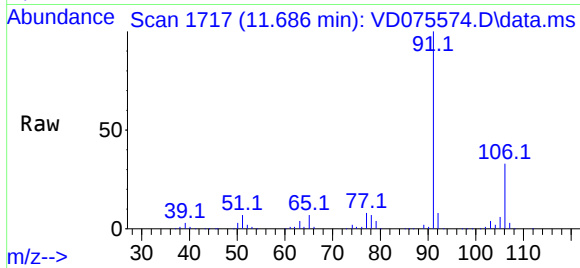




#52
Ethylbenzene
Concen: 26.358 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

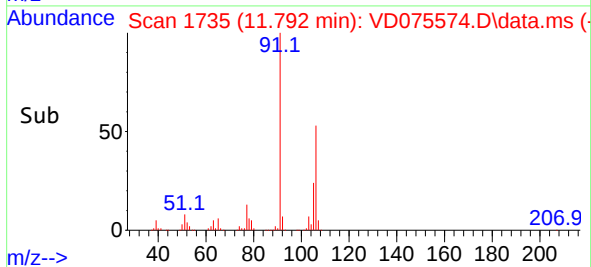
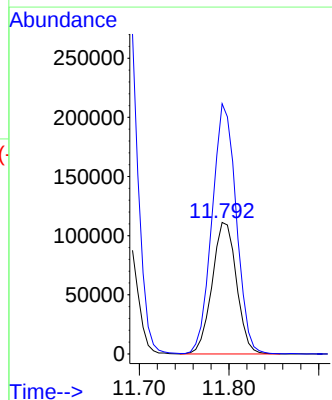
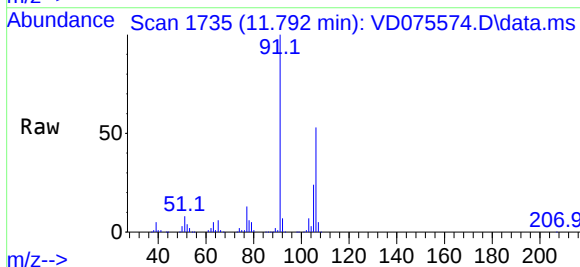
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

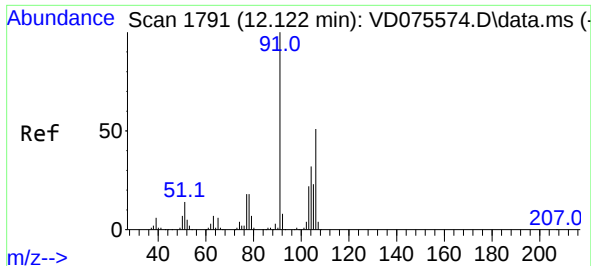
Tgt Ion: 91 Resp: 529900
Ion Ratio Lower Upper
91 100
106 32.6 23.2 43.2



#53
m,p-Xylene
Concen: 26.626 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 106 Resp: 209901
Ion Ratio Lower Upper
106 100
91 190.4 126.7 235.3

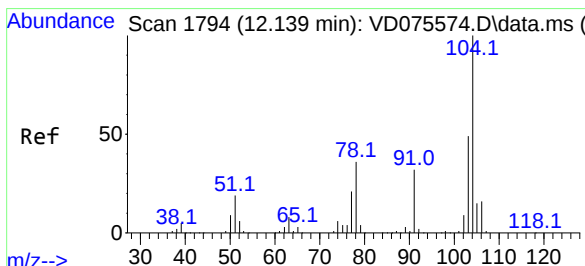
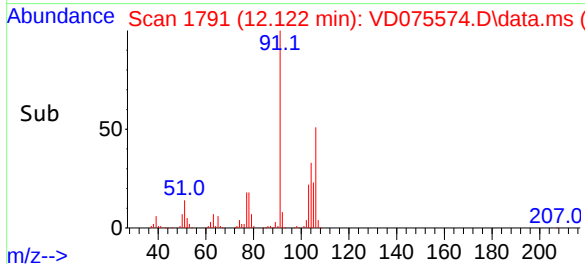
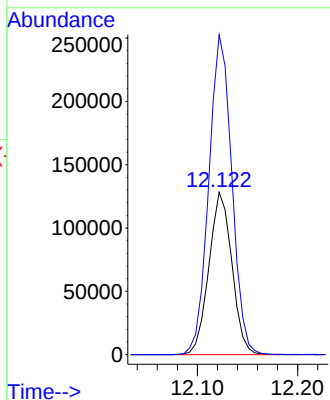
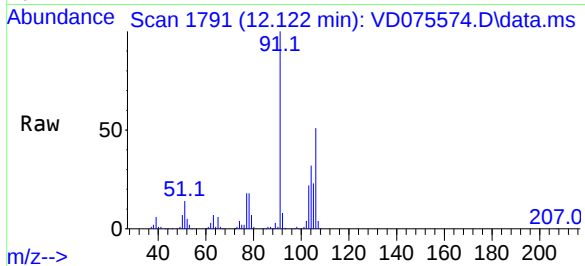




#54
o-Xylene
Concen: 27.200 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

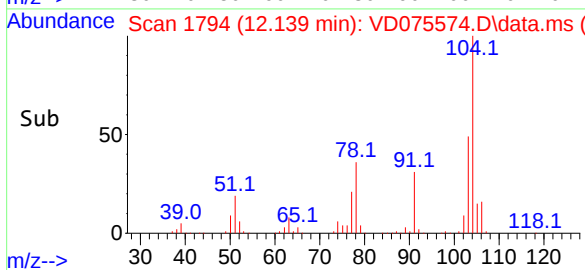
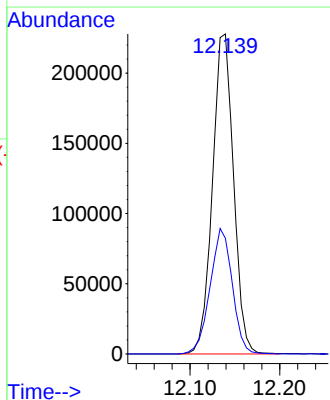
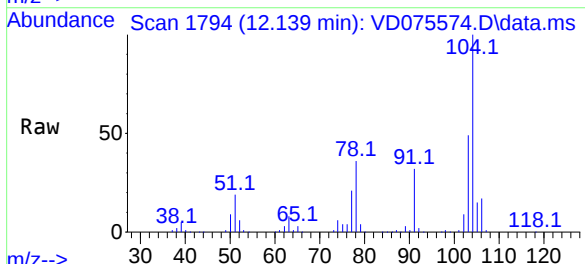
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

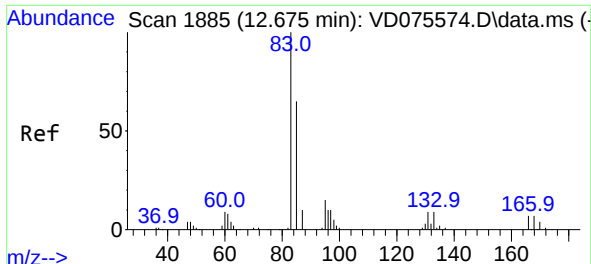
Tgt Ion:106 Resp: 204178
Ion Ratio Lower Upper
106 100
91 196.8 138.3 256.9



#55
Styrene
Concen: 27.783 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion:104 Resp: 371612
Ion Ratio Lower Upper
104 100
78 36.1 25.8 47.8

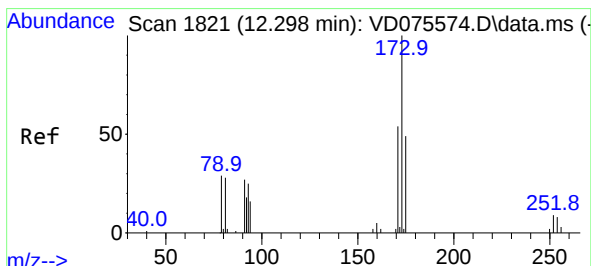
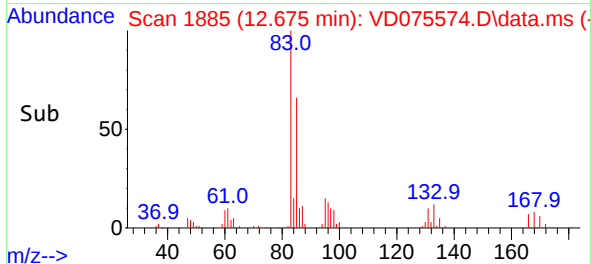
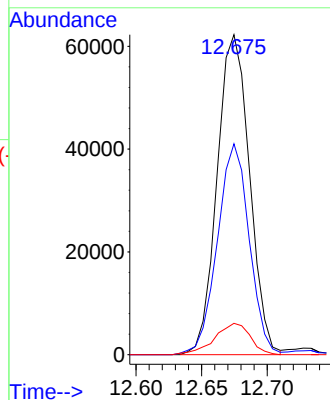
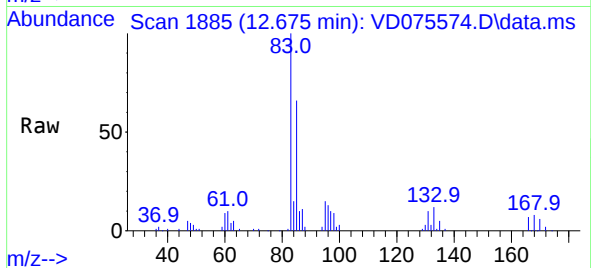




#57
1,1,2,2-Tetrachloroethane
Concen: 27.909 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

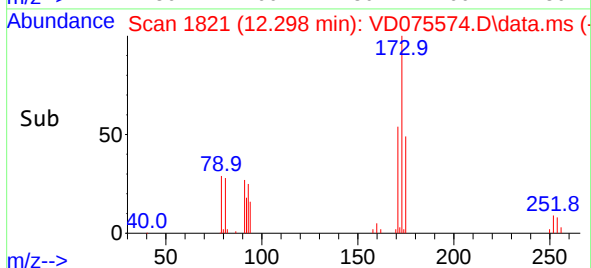
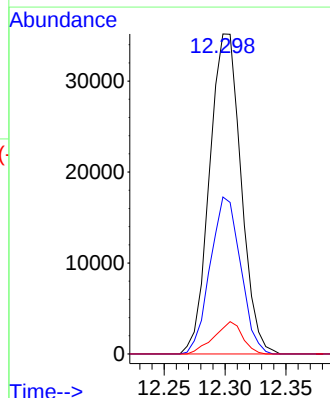
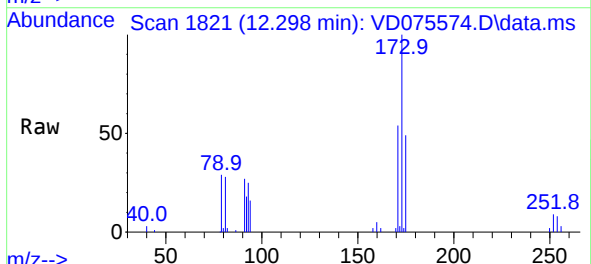
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

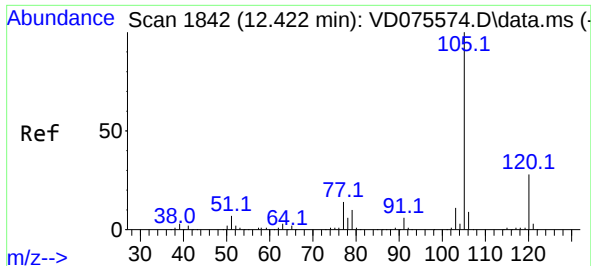
Tgt Ion: 83 Resp: 107002
Ion Ratio Lower Upper
83 100
85 65.9 48.7 90.5
131 9.8 9.3 13.9



#59
Bromoform
Concen: 24.879 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 173 Resp: 63328
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 9.1 7.7 11.5

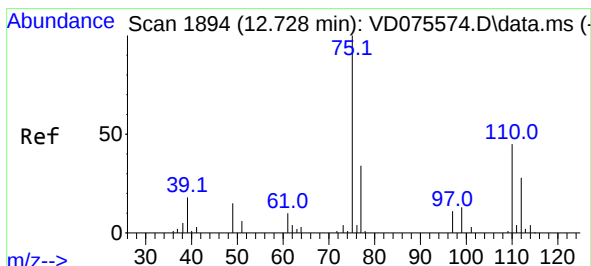
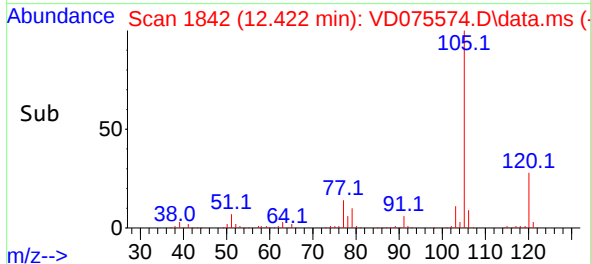
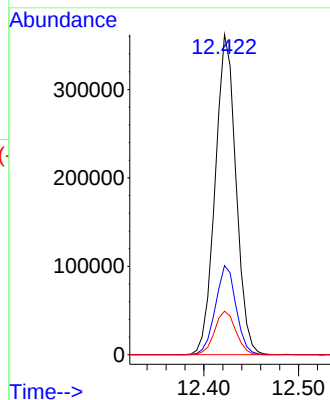
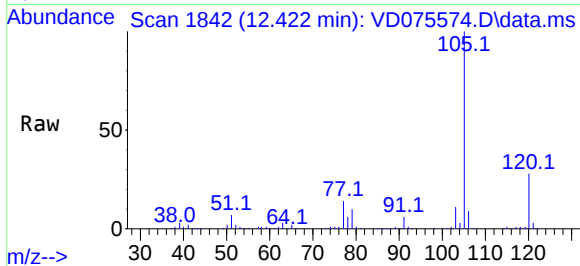




#60
Isopropylbenzene
Concen: 25.423 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

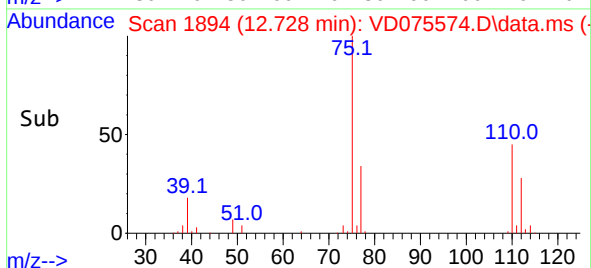
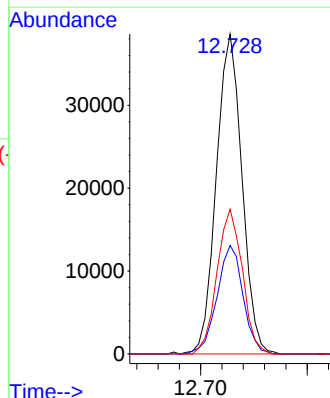
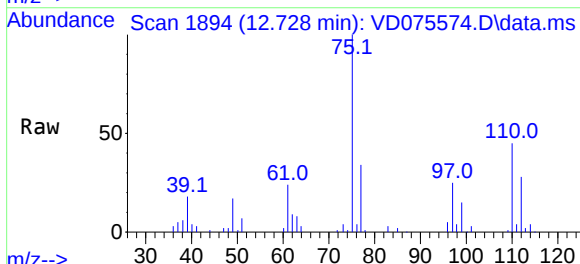
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

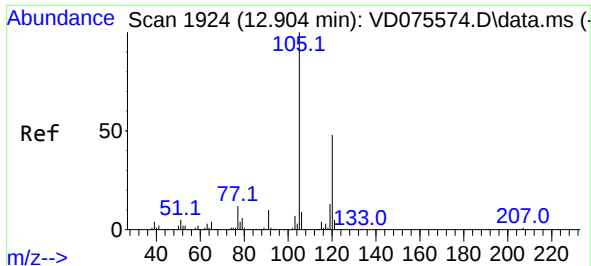
Tgt Ion:105 Resp: 552495
Ion Ratio Lower Upper
105 100
120 27.6 22.5 33.7
77 13.8 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 24.724 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion: 75 Resp: 64410
Ion Ratio Lower Upper
75 100
77 34.4 25.7 38.5
110 44.8 35.9 53.9

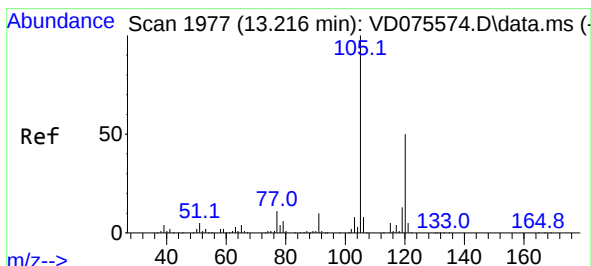
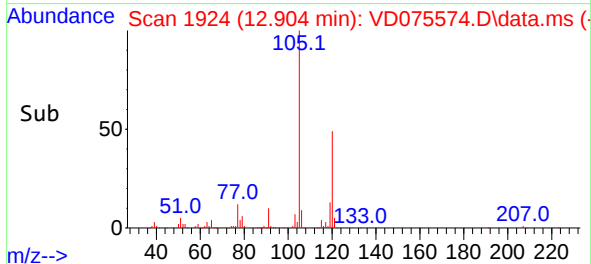
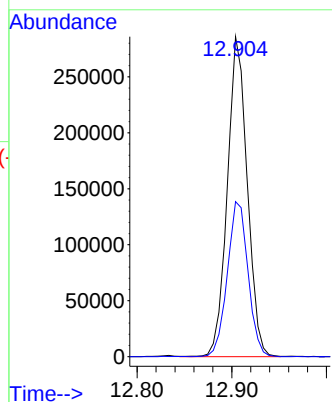
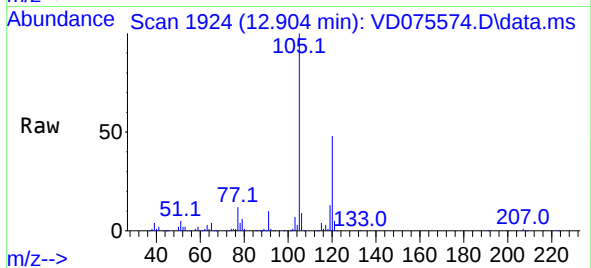




#62
1,3,5-Trimethylbenzene
Concen: 25.516 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

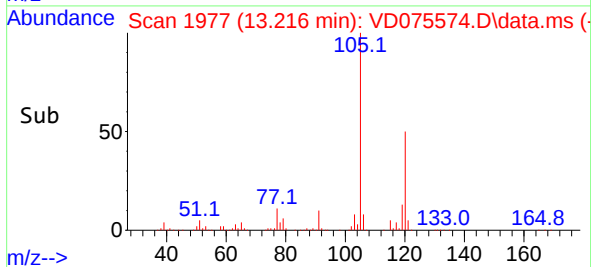
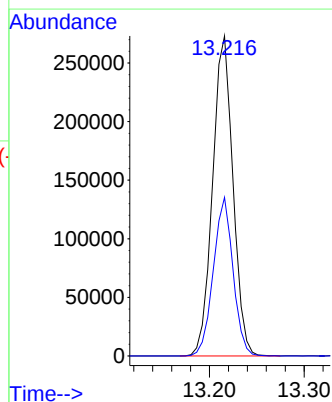
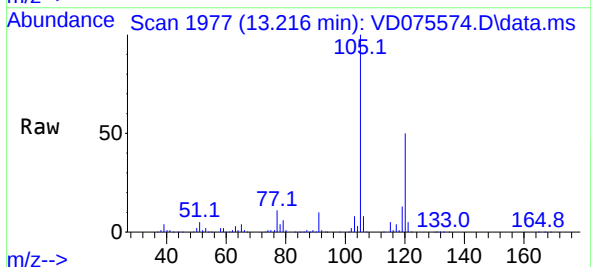
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

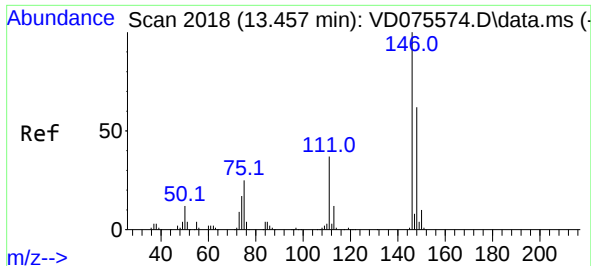
Tgt Ion:105 Resp: 418256
Ion Ratio Lower Upper
105 100
120 50.3 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 26.005 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion:105 Resp: 407628
Ion Ratio Lower Upper
105 100
120 47.9 39.0 58.4

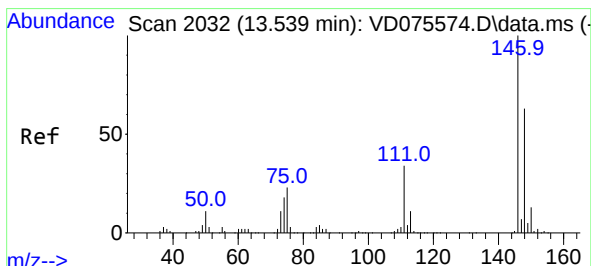
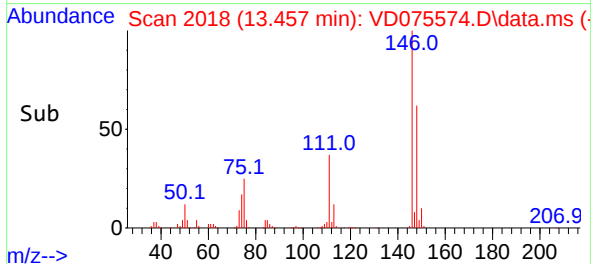
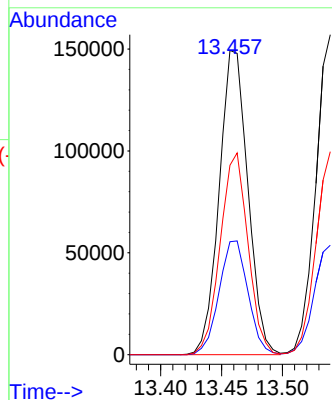
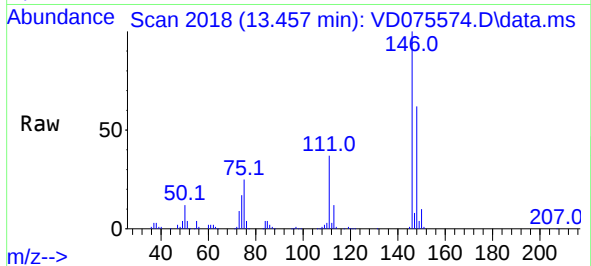




#64
1,3-Dichlorobenzene
Concen: 24.901 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

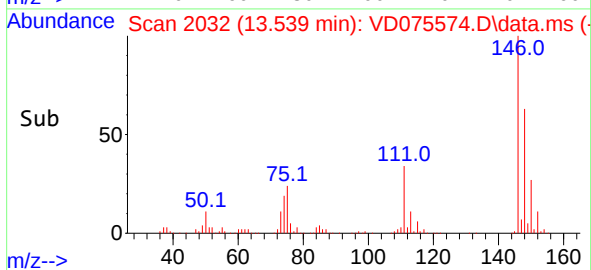
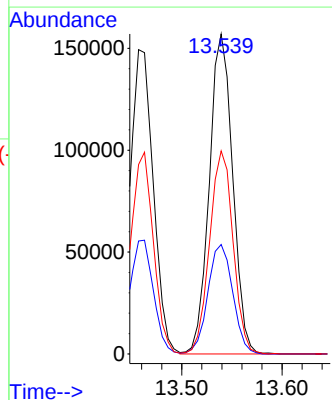
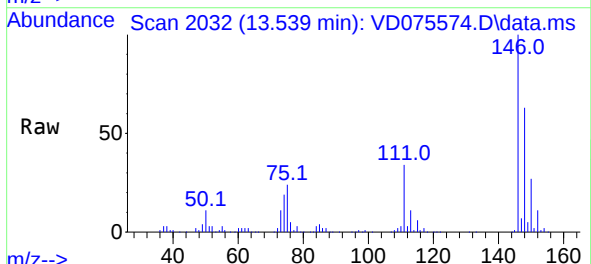
Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

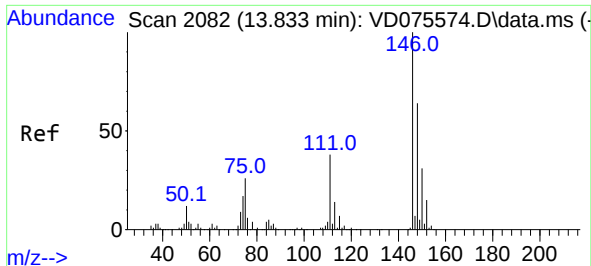
Tgt Ion:146 Resp: 245040
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 62.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 24.814 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion:146 Resp: 254696
Ion Ratio Lower Upper
146 100
111 34.2 26.0 48.4
148 63.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 25.315 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075574.D

Acq: 05 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD025123

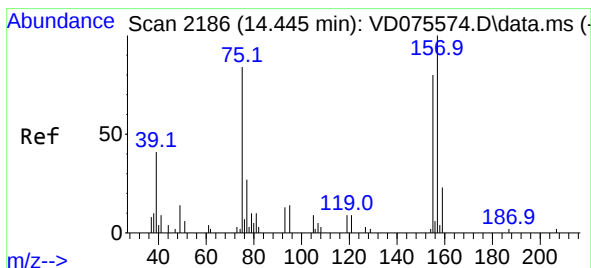
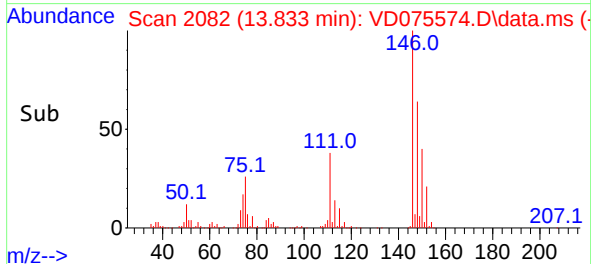
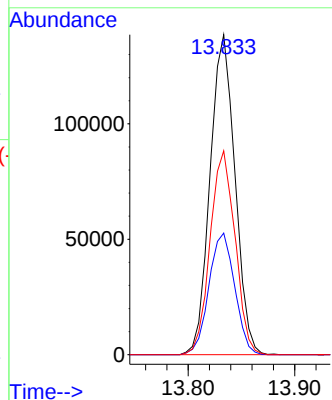
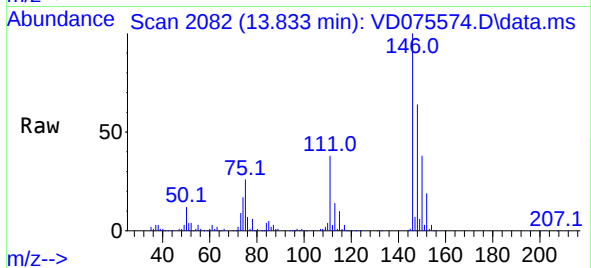
Tgt Ion:146 Resp: 225622

Ion Ratio Lower Upper

146 100

111 38.0 31.3 46.9

148 63.7 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.165 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075574.D

Acq: 05 Apr 2023 12:02

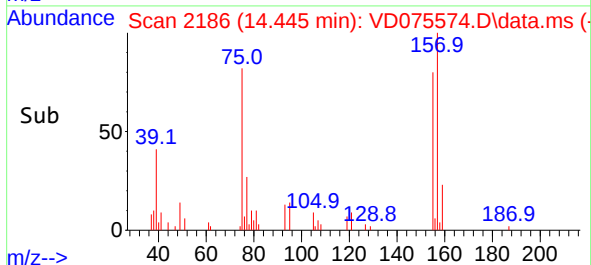
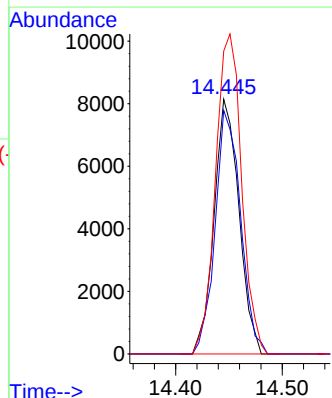
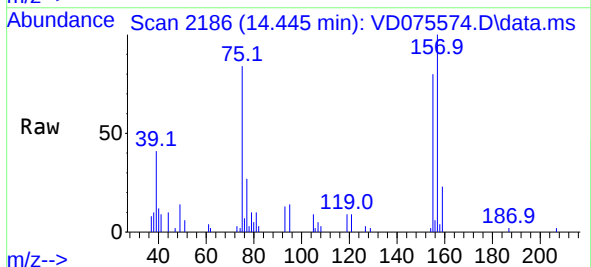
Tgt Ion: 75 Resp: 13202

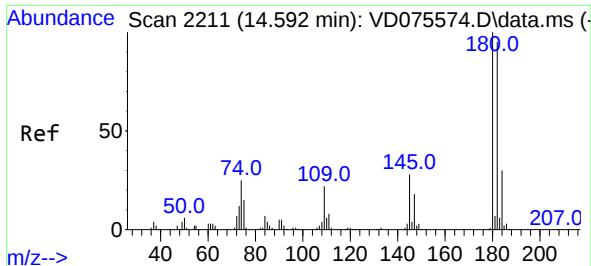
Ion Ratio Lower Upper

75 100

155 95.6 70.6 106.0

157 118.9 111.3 166.9



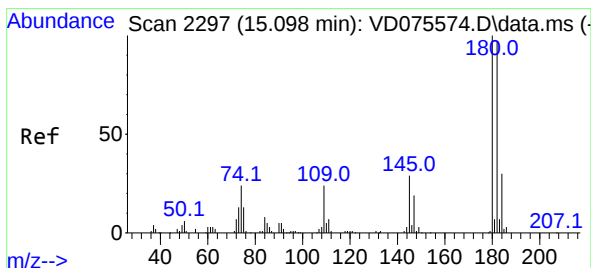
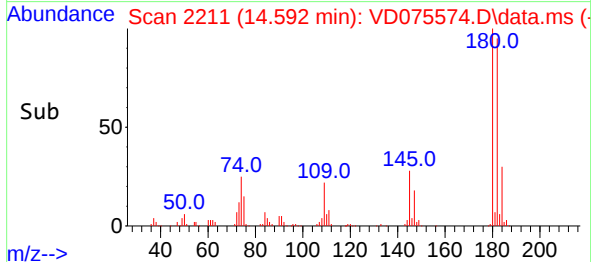
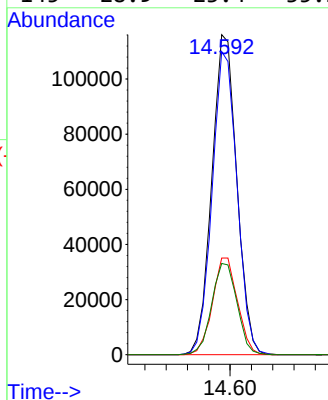
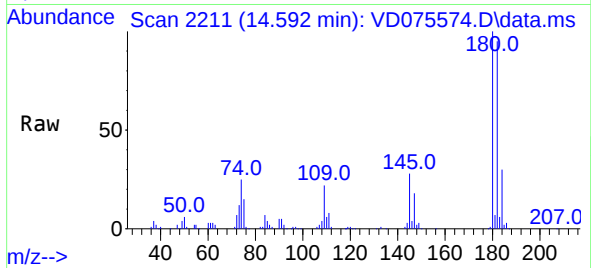


#69
 1,3,5-Trichlorobenzene
 Concen: 31.157 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: VD075574.D
 Acq: 05 Apr 2023 12:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025123

Tgt Ion:180 Resp: 189080

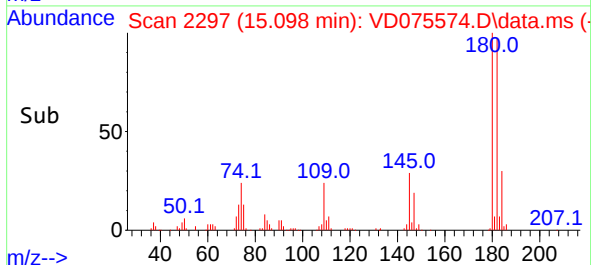
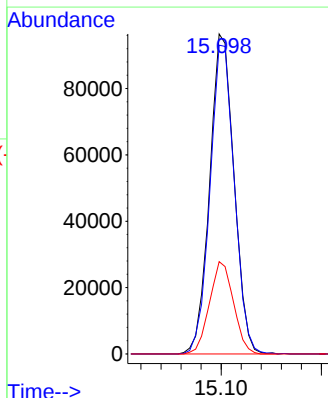
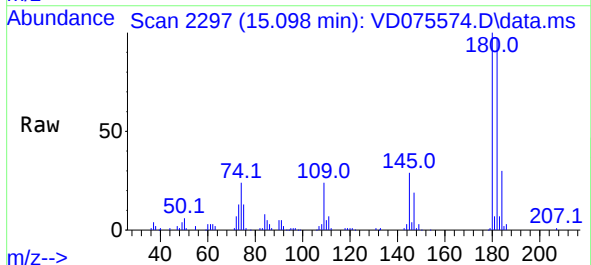
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.9	115.3
184	30.3	24.6	36.8
145	28.9	23.4	35.2

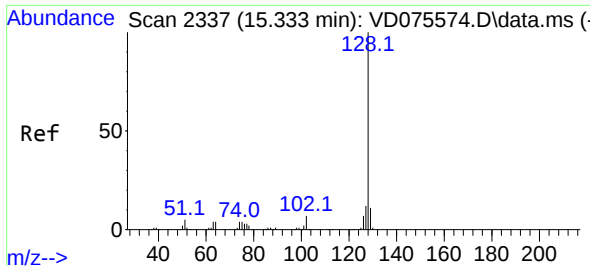


#70
 1,2,4-trichlorobenzene
 Concen: 33.070 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075574.D
 Acq: 05 Apr 2023 12:02

Tgt Ion:180 Resp: 162467

Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.2	111.2
145	28.5	22.9	34.3

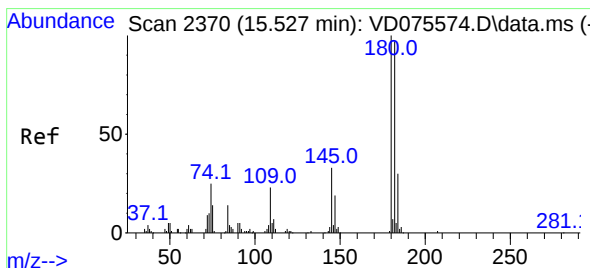
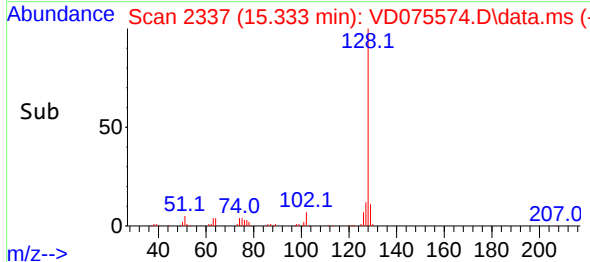
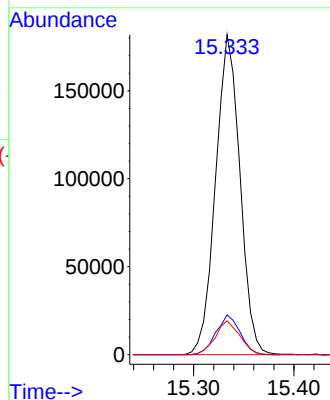
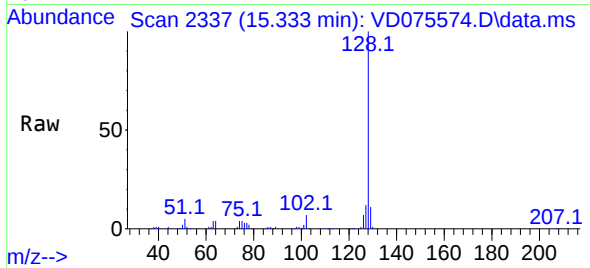




#71
Naphthalene
Concen: 33.805 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD025123

Tgt Ion:	128	Resp:	307065
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.6	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.301 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075574.D
Acq: 05 Apr 2023 12:02

Tgt Ion:	180	Resp:	111342
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.4	113.0
145	31.6	25.2	37.8

