

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040623\
 Data File : VD075594.D
 Acq On : 06 Apr 2023 15:44
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025127

Quant Time: Apr 07 01:25:41 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	8.775	114	329240	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	390982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	195200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	203560	26.554	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 106.200%		
7) Chloroethane-d5	2.805	69	189661	27.804	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	= 111.200%		
11) 1,1-Dichloroethene-d2	3.916	63	158771	25.678	ug/L	-0.01
Spiked Amount 25.000	Range 45	- 110	Recovery	= 102.720%		
21) 2-Butanone-d5	6.981	46	34610	69.330	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 138.660%#		
24) Chloroform-d	7.563	84	212776	27.411	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	= 109.640%		
26) 1,2-Dichloroethane-d4	8.228	65	96668	28.102	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	= 112.400%		
32) Benzene-d6	8.204	84	469371	20.534	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	= 82.120%		
36) 1,2-Dichloropropane-d6	9.210	67	142137	23.333	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	= 93.320%		
41) Toluene-d8	10.269	98	534439	24.935	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	= 99.720%		
43) trans-1,3-Dichloroprop...	10.528	79	64942	25.574	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	= 102.280%		
47) 2-Hexanone-d5	10.881	63	41235	57.203	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	= 114.400%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	130193	28.529	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	= 114.120%		
66) 1,2-Dichlorobenzene-d4	13.816	152	171496	25.612	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	= 102.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66280	21.481	ug/L	99
3) Chloromethane	2.146	50	101969	25.254	ug/L	97
5) Vinyl chloride	2.287	62	153474	24.388	ug/L	97
6) Bromomethane	2.699	94	99320	23.132	ug/L	100
8) Chloroethane	2.840	64	113263	25.835	ug/L	98
9) Trichlorofluoromethane	3.175	101	132193	24.159	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	94980	24.987	ug/L	99
12) 1,1-Dichloroethene	3.940	96	77431	24.659	ug/L	95
13) Acetone	4.022	43	31756	60.655	ug/L	98
14) Carbon disulfide	4.275	76	165358	22.011	ug/L	100
15) Methyl Acetate	4.558	43	27077	30.861	ug/L	98
16) Methylene chloride	4.793	84	109977	24.301	ug/L	96
17) trans-1,2-Dichloroethene	5.305	96	83783	25.133	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	190574	30.066	ug/L	99
19) 1,1-Dichloroethane	6.110	63	154535	27.043	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	107585	27.484	ug/L	100
22) 2-Butanone	7.081	43	40836	65.480	ug/L	98
23) Bromochloromethane	7.422	128	50179	27.187	ug/L	97
25) Chloroform	7.593	83	185600	27.116	ug/L	96

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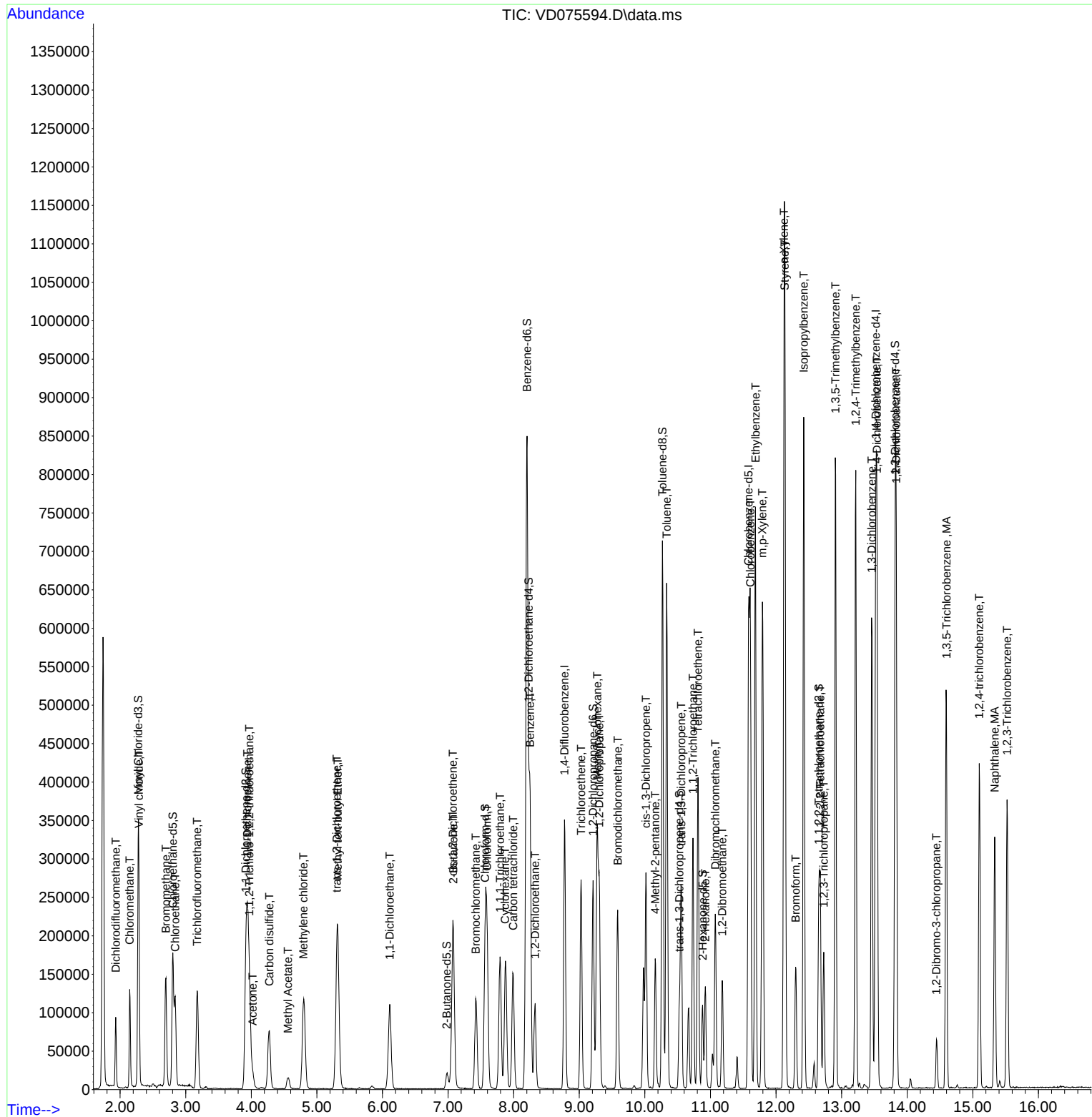
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	98010	27.703	ug/L	99
29) Cyclohexane	7.869	56	88559	18.561	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	146605	19.034	ug/L	99
31) Carbon tetrachloride	7.993	117	117398	18.881	ug/L	98
33) Benzene	8.252	78	387984	19.284	ug/L	100
34) Trichloroethene	9.028	95	96931	17.197	ug/L	94
35) Methylcyclohexane	9.275	83	155713	21.121	ug/L	98
37) 1,2-Dichloropropane	9.304	63	112230	23.711	ug/L	99
38) Bromodichloromethane	9.587	83	162873	24.160	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	180411	24.039	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	96508	54.397	ug/L	98
42) Toluene	10.334	91	538174	24.076	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	158447	24.832	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	112144	25.818	ug/L	98
46) Tetrachloroethene	10.810	164	102284	23.170	ug/L	99
48) 2-Hexanone	10.922	43	73586	61.543	ug/L	99
49) Dibromochloromethane	11.075	129	127313	27.072	ug/L	99
50) 1,2-Dibromoethane	11.181	107	98485	25.878	ug/L #	98
51) Chlorobenzene	11.610	112	370549	24.614	ug/L	96
52) Ethylbenzene	11.687	91	569603	24.232	ug/L	98
53) m,p-Xylene	11.793	106	232107	25.182	ug/L	97
54) o-Xylene	12.122	106	225647	25.710	ug/L	99
55) Styrene	12.134	104	413241	26.424	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	121584	27.123	ug/L	97
59) Bromoform	12.298	173	77872	25.795	ug/L	100
60) Isopropylbenzene	12.422	105	590796	22.923	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	75669	24.492	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	447977	23.044	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	448009	24.099	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	287303	24.618	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	296498	24.357	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	265275	25.097	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	16020	25.748	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	178371	24.784	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	150661	25.858	ug/L	99
71) Naphthalene	15.334	128	301031	27.944	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	136954	26.241	ug/L	98

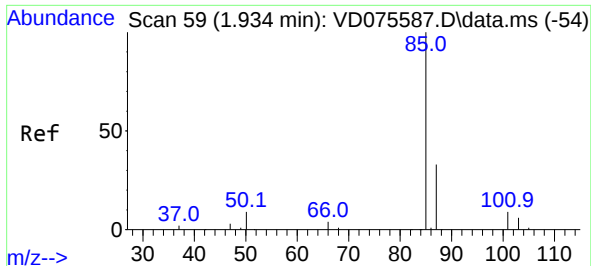
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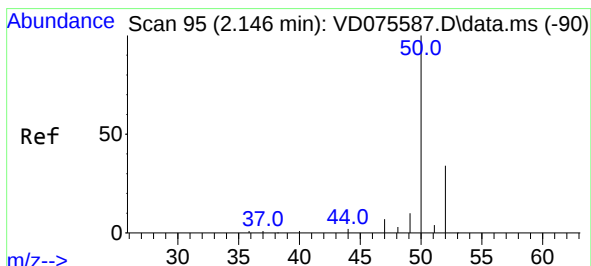
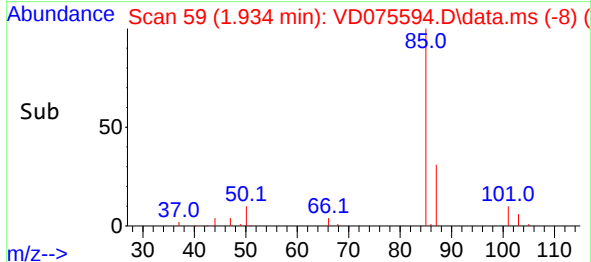
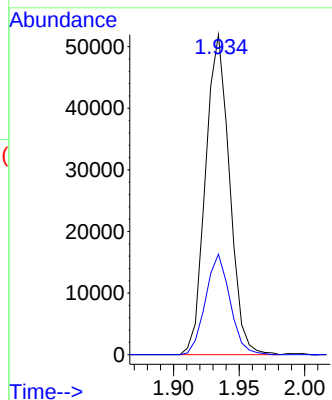
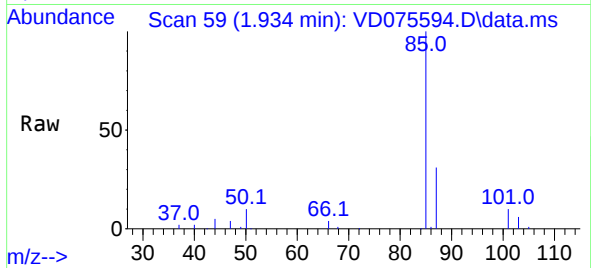




#2
Dichlorodifluoromethane
Concen: 21.481 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

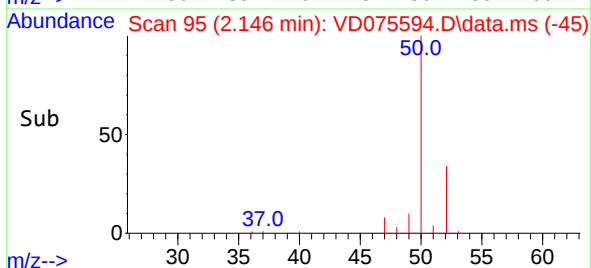
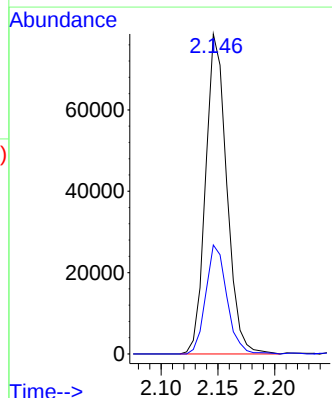
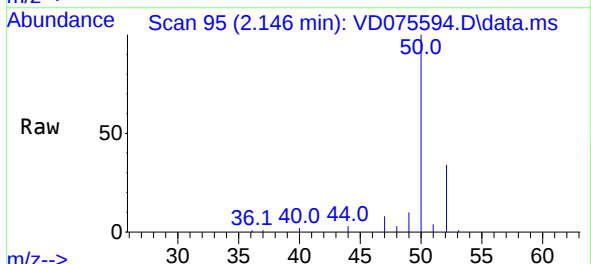
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MSVOA_D
ClientSampleId :
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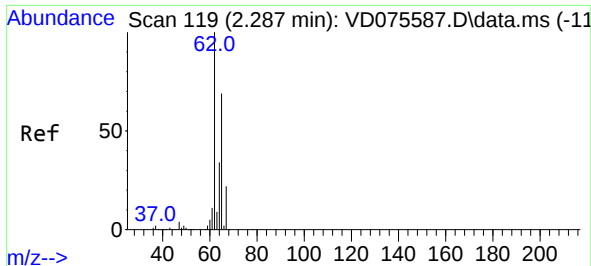
Tgt Ion: 85 Resp: 66280
Ion Ratio Lower Upper
85 100
87 32.0 25.0 37.4



#3
Chloromethane
Concen: 25.254 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 50 Resp: 101969
Ion Ratio Lower Upper
50 100
52 34.0 22.7 42.1

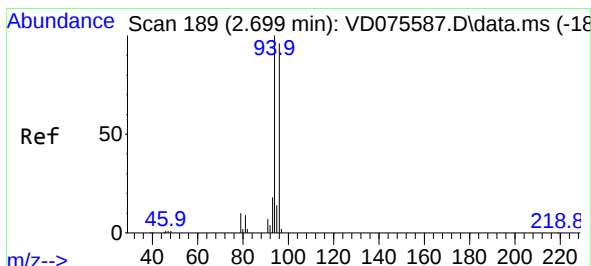
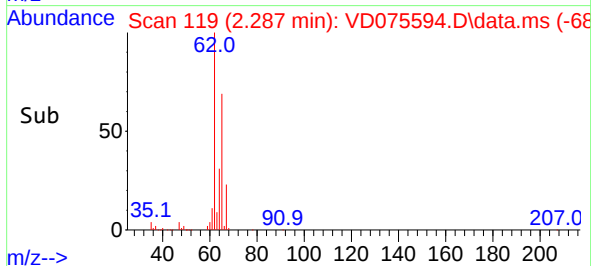
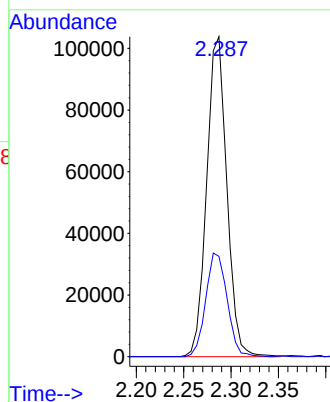
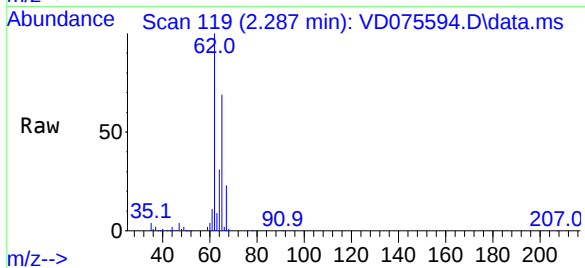




#5
 Vinyl chloride
 Concen: 24.388 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075594.D
 Acq: 06 Apr 2023 15:44

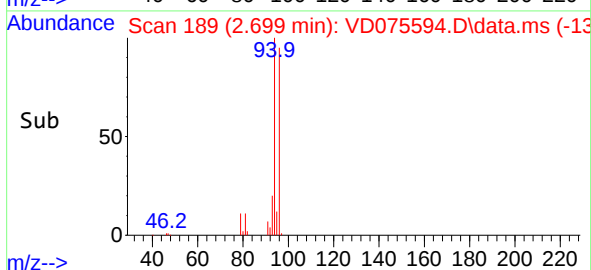
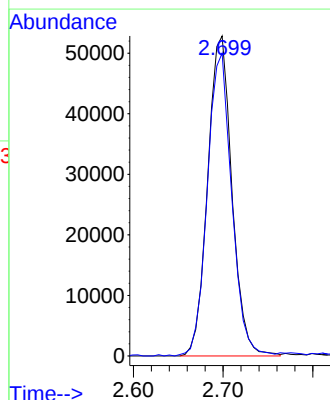
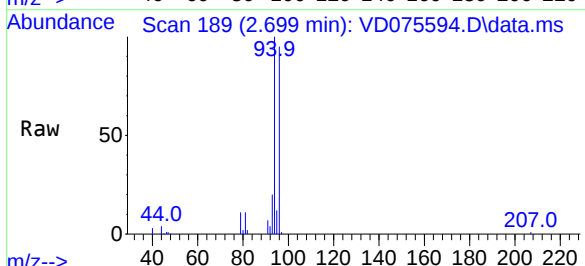
Instrument :
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 ClientSampleId :
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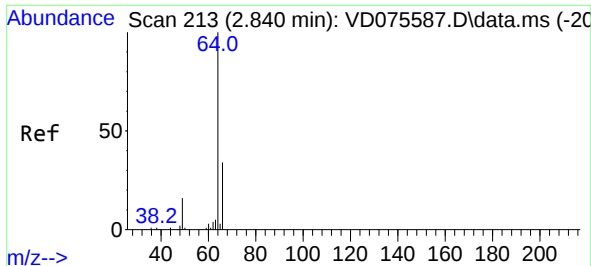
Tgt Ion: 62 Resp: 153474
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.1 42.9



#6
 Bromomethane
 Concen: 23.132 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075594.D
 Acq: 06 Apr 2023 15:44

Tgt Ion: 94 Resp: 99320
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.1 122.7

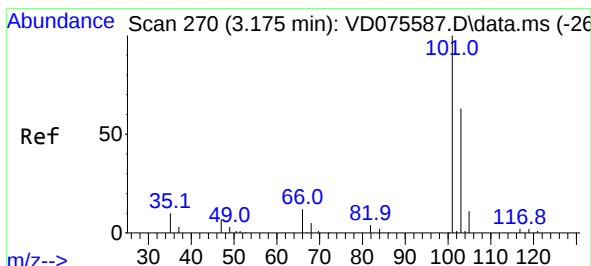
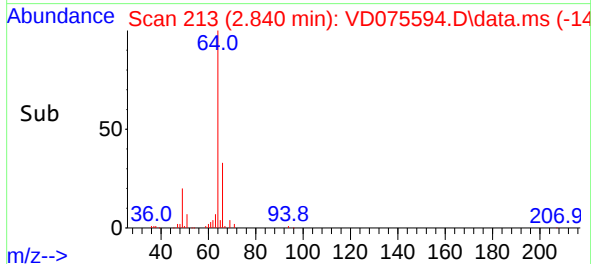
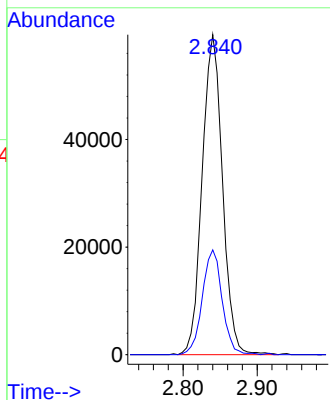
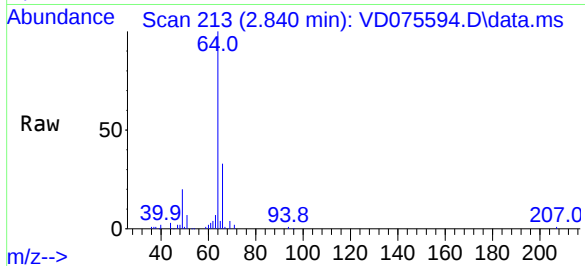




#8
Chloroethane
Concen: 25.835 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

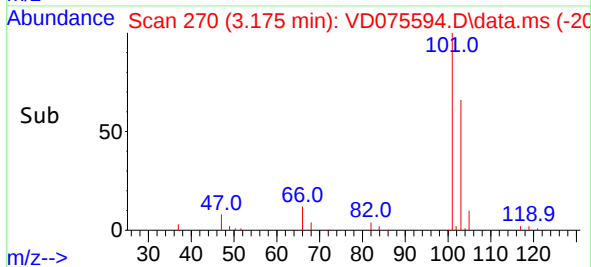
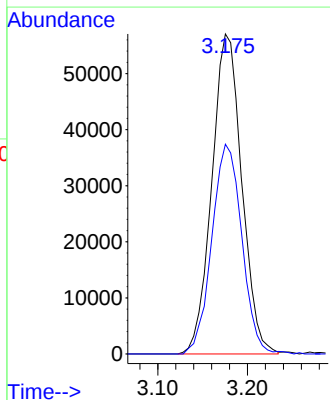
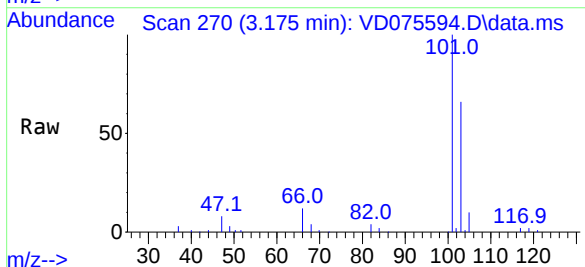
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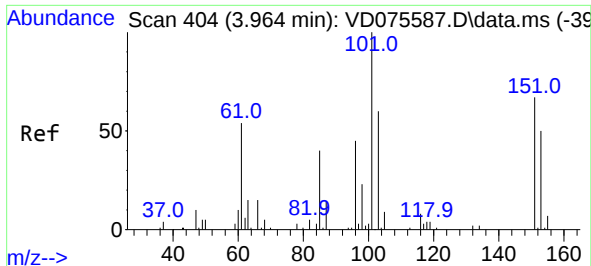
Tgt Ion: 64 Resp: 113263
Ion Ratio Lower Upper
64 100
66 32.7 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.159 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 101 Resp: 132193
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

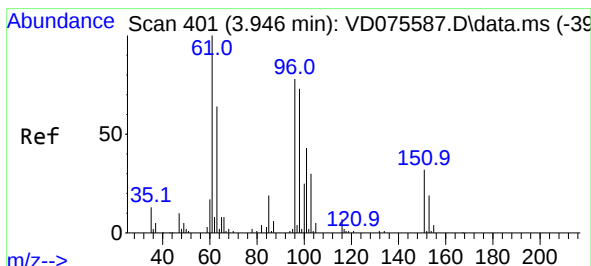
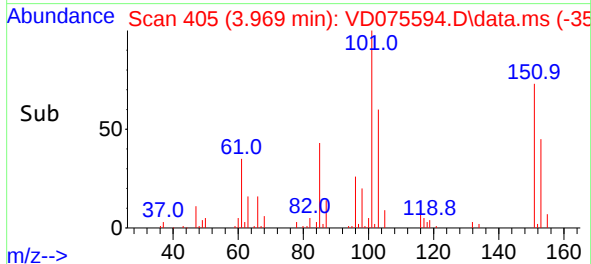
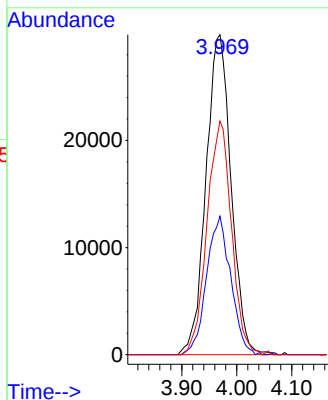
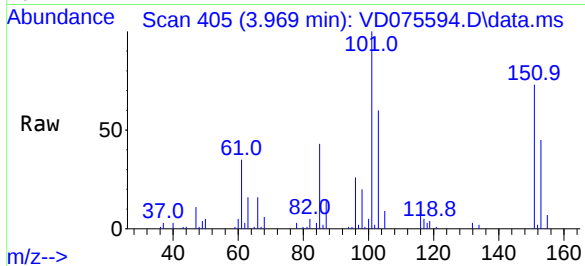




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.987 ug/L
 RT: 3.969 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075594.D
 Acq: 06 Apr 2023 15:44

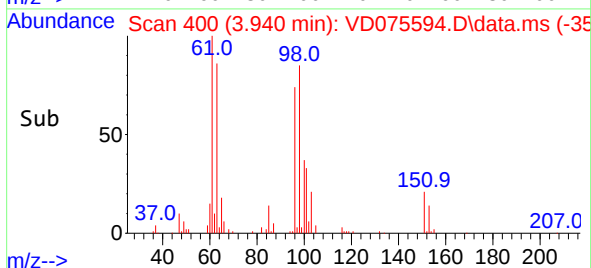
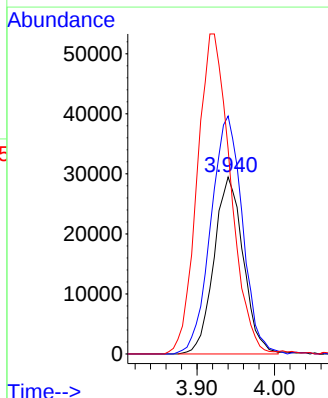
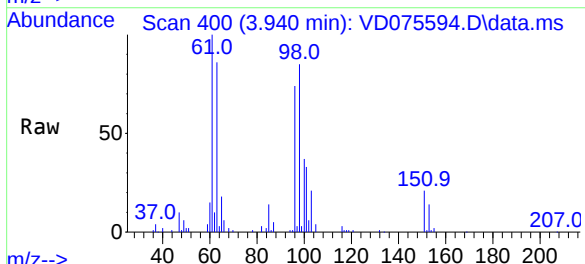
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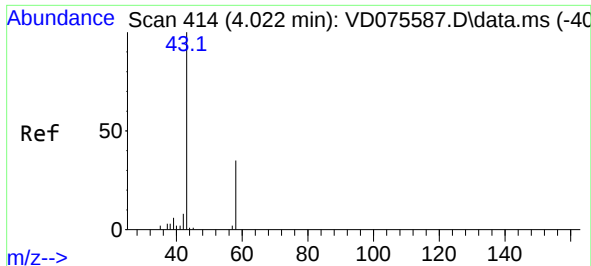
Tgt Ion:101 Resp: 94980
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.4 50.0
 151 71.0 55.8 83.8



#12
 1,1-Dichloroethene
 Concen: 24.659 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075594.D
 Acq: 06 Apr 2023 15:44

Tgt Ion: 96 Resp: 77431
 Ion Ratio Lower Upper
 96 100
 61 134.5 96.7 179.7
 63 115.8 76.0 141.2





#13

Acetone

Concen: 60.655 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

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MSVOA_D

ClientSampleId :

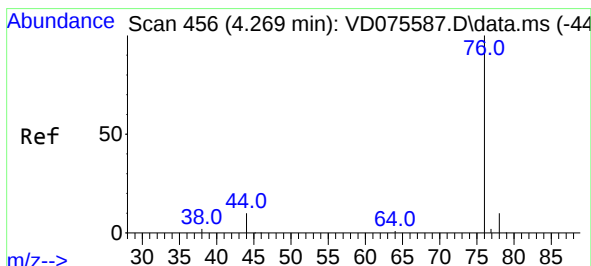
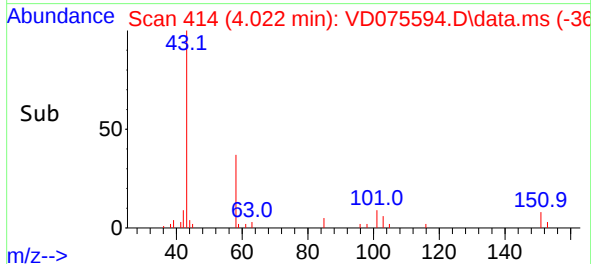
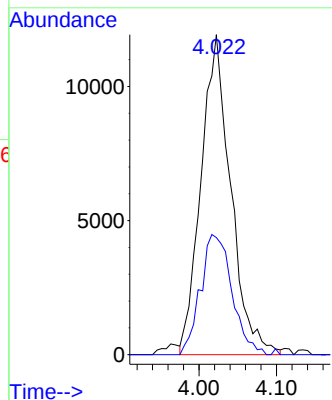
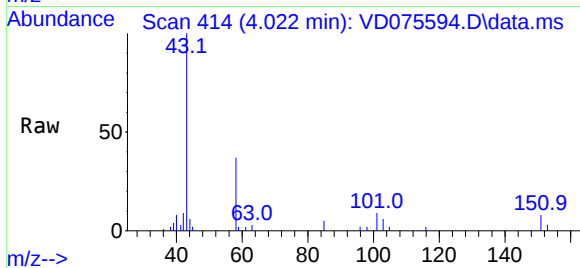
VSTD025127

Tgt Ion: 43 Resp: 31756

Ion Ratio Lower Upper

43 100

58 39.8 0.0 77.4



#14

Carbon disulfide

Concen: 22.011 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075594.D

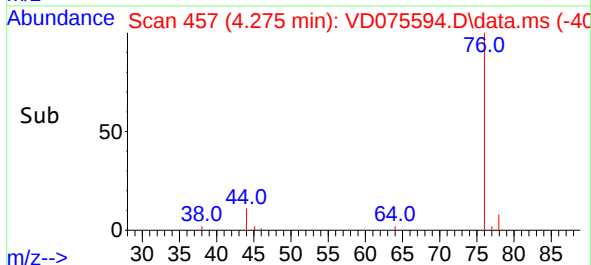
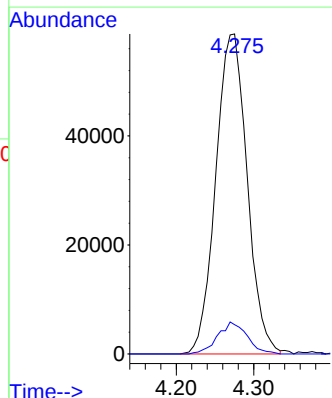
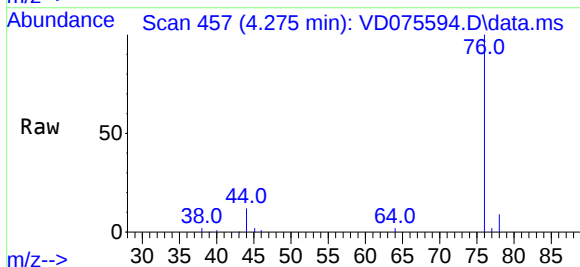
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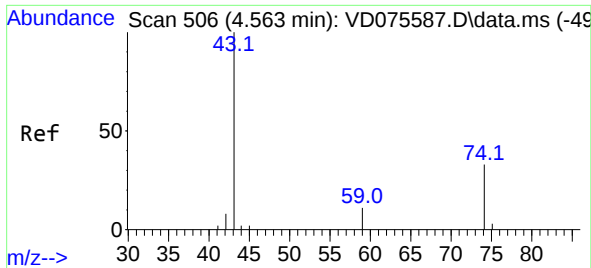
Tgt Ion: 76 Resp: 165358

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

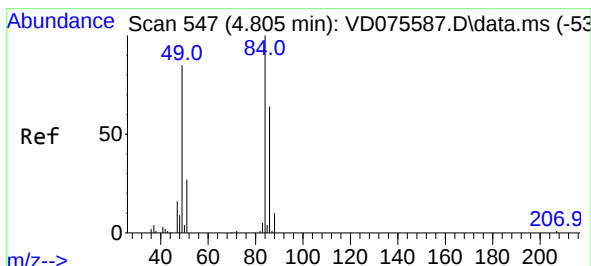
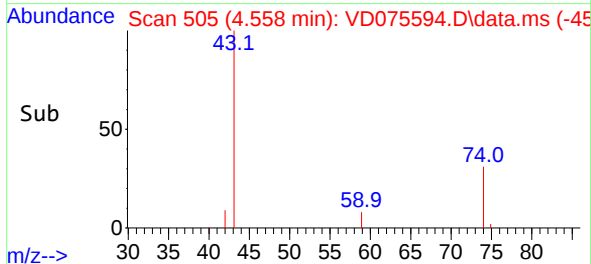
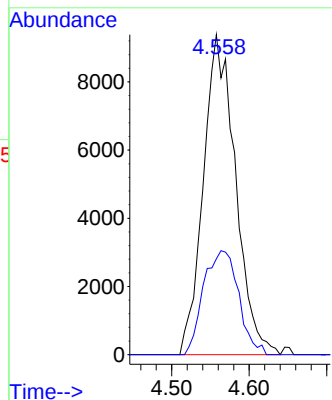
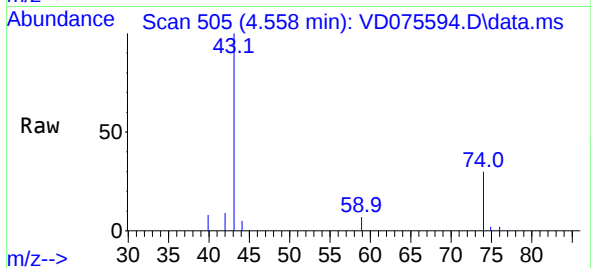




#15
Methyl Acetate
Concen: 30.861 ug/L
RT: 4.558 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

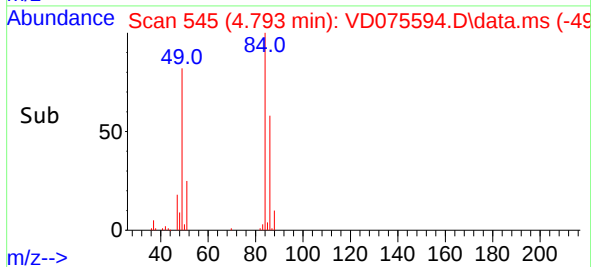
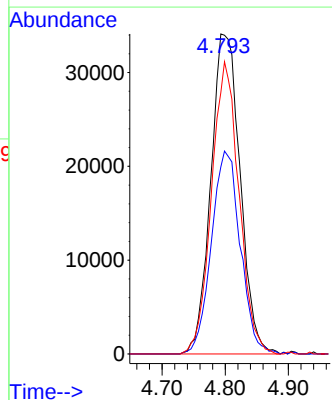
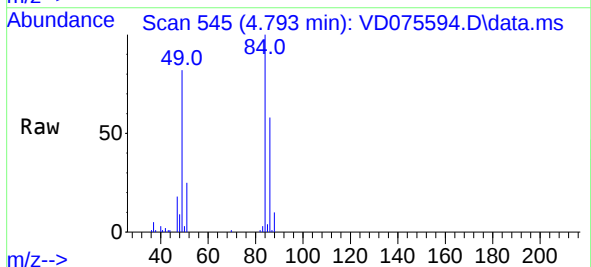
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

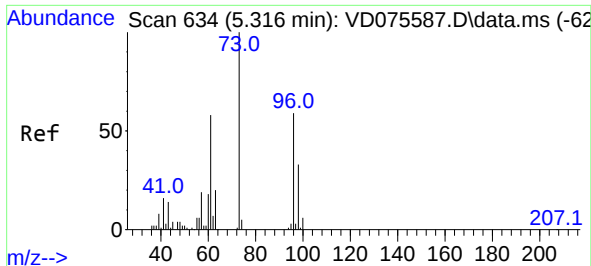
Tgt Ion: 43 Resp: 27077
Ion Ratio Lower Upper
43 100
74 35.0 29.0 43.4



#16
Methylene chloride
Concen: 24.301 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.011 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 84 Resp: 109977
Ion Ratio Lower Upper
84 100
86 58.5 44.4 82.4
49 81.7 58.5 108.7

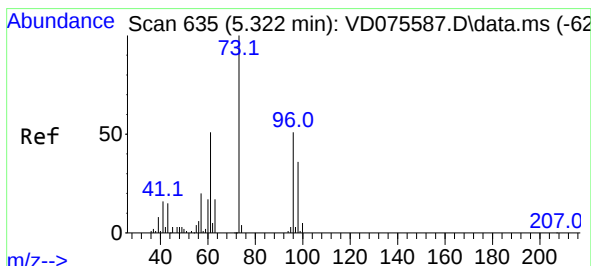
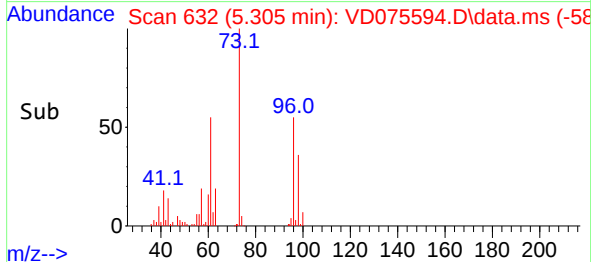
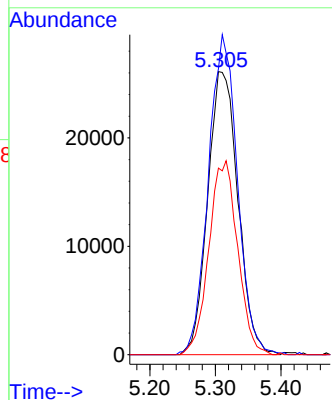
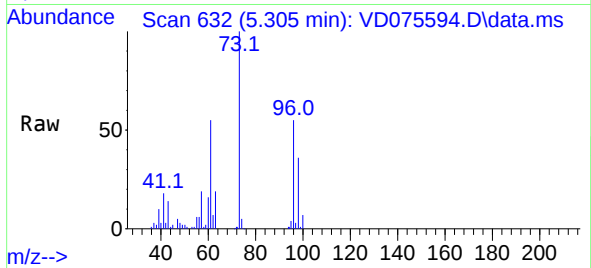




#17
trans-1,2-Dichloroethene
Concen: 25.133 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.017 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

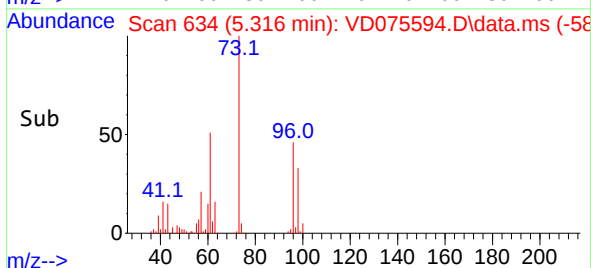
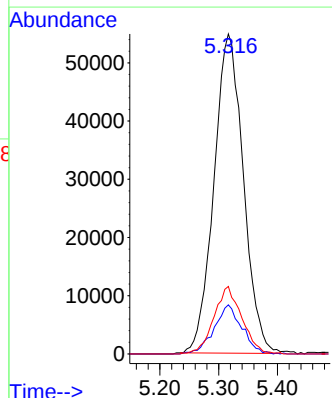
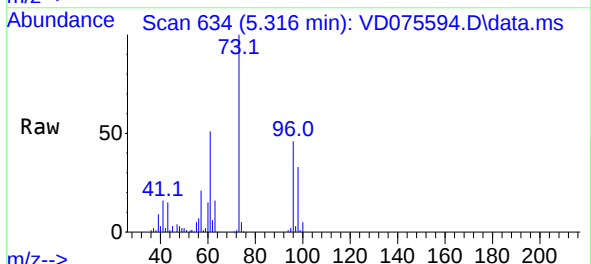
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

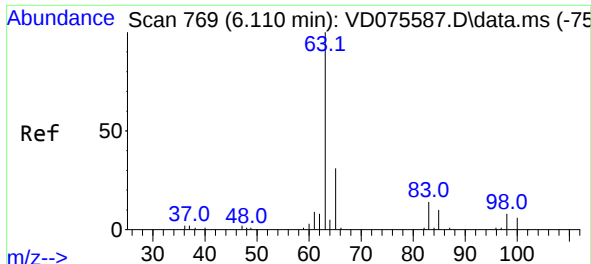
Tgt Ion: 96 Resp: 83783
Ion Ratio Lower Upper
96 100
61 101.0 75.4 140.0
98 65.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 30.066 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 73 Resp: 190574
Ion Ratio Lower Upper
73 100
43 14.4 11.4 17.0
57 20.0 15.8 23.6





#19

1,1-Dichloroethane

Concen: 27.043 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025127

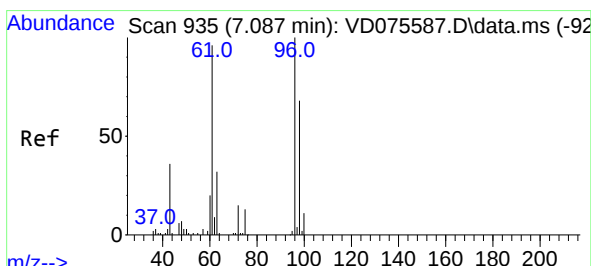
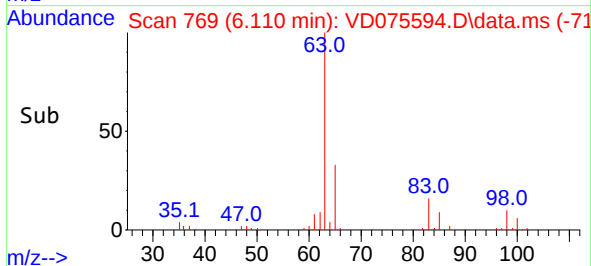
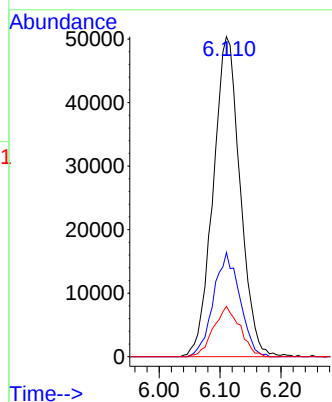
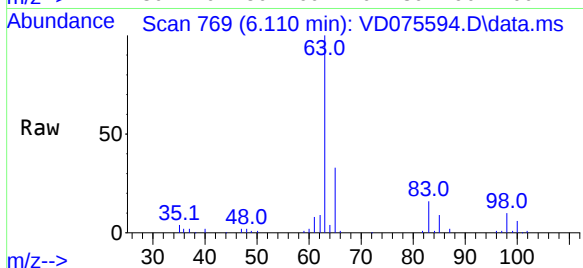
Tgt Ion: 63 Resp: 154535

Ion Ratio Lower Upper

63 100

65 32.6 23.1 42.9

83 15.8 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 27.484 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.011 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

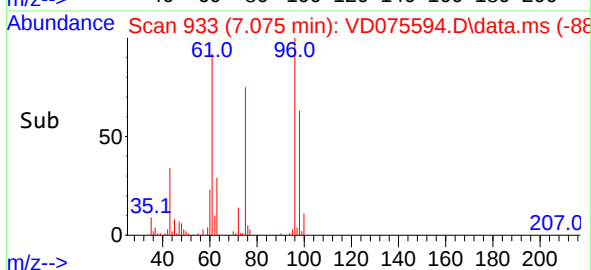
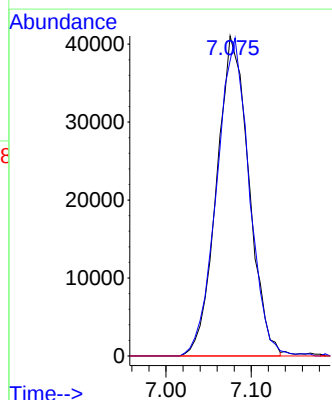
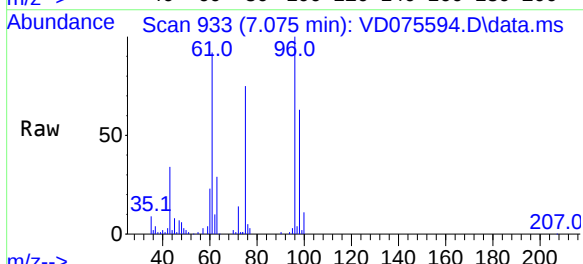
Tgt Ion: 96 Resp: 107585

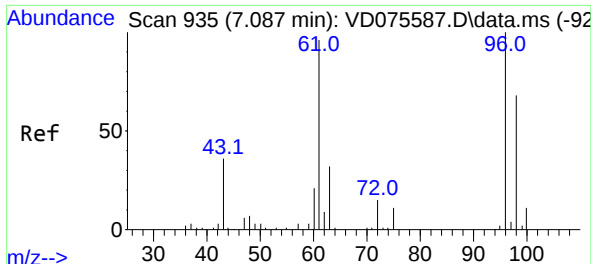
Ion Ratio Lower Upper

96 100

61 92.3 64.8 120.4

68 0.0 0.0 0.0

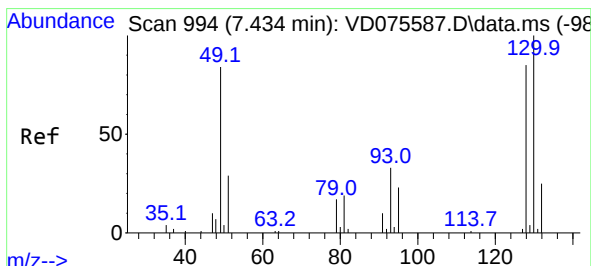
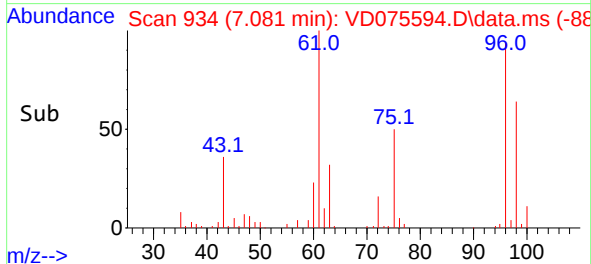
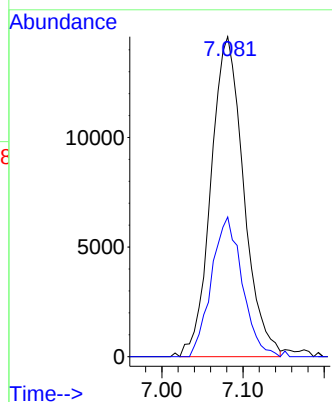
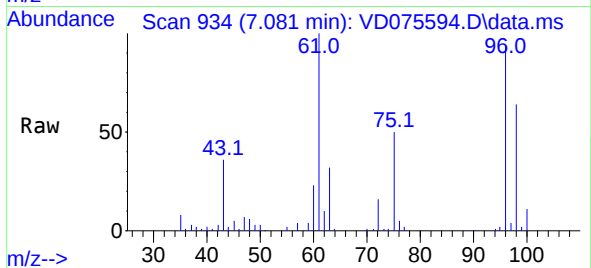




#22
2-Butanone
Concen: 65.480 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

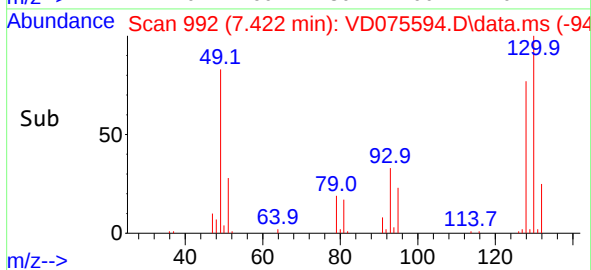
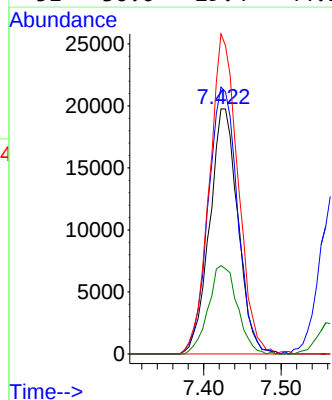
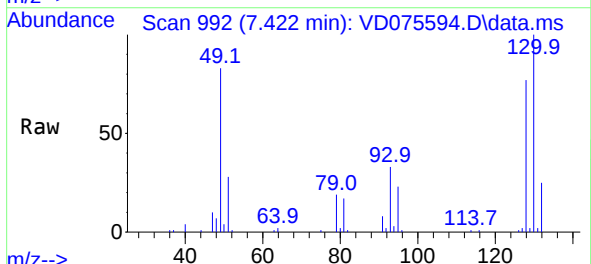
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

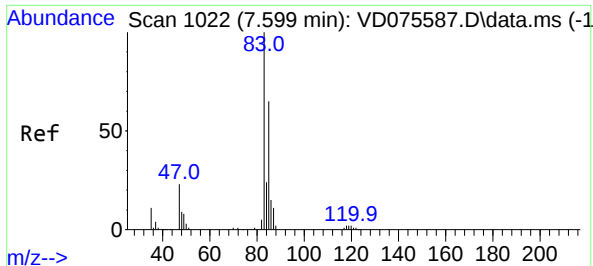
Tgt Ion: 43 Resp: 40836
Ion Ratio Lower Upper
43 100
72 41.1 21.3 63.9



#23
Bromochloromethane
Concen: 27.187 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:128 Resp: 50179
Ion Ratio Lower Upper
128 100
49 108.9 75.0 139.4
130 130.6 87.4 162.2
51 36.0 29.4 44.2





#25

Chloroform

Concen: 27.116 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

Instrument :

MSVOA_D

ClientSampleId :

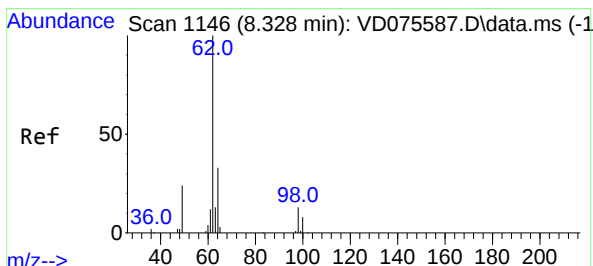
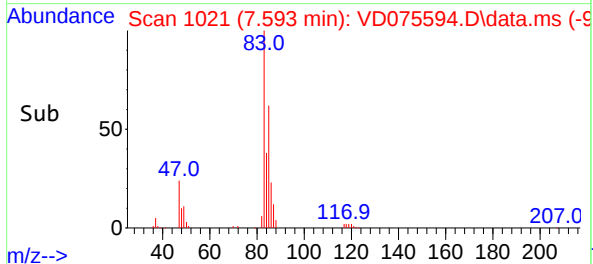
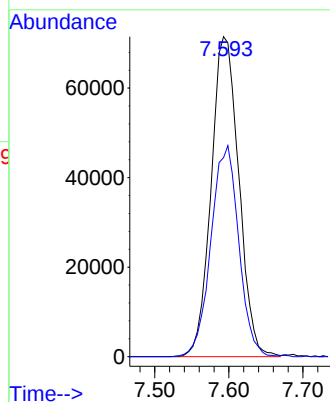
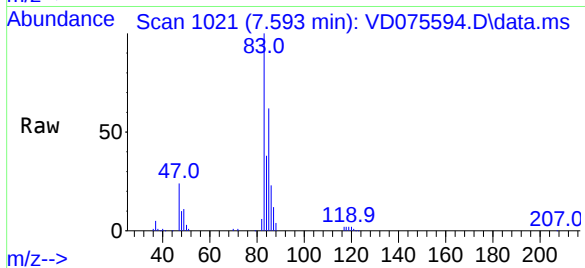
VSTD025127

Tgt Ion: 83 Resp: 185600

Ion Ratio Lower Upper

83 100

85 62.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 27.703 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075594.D

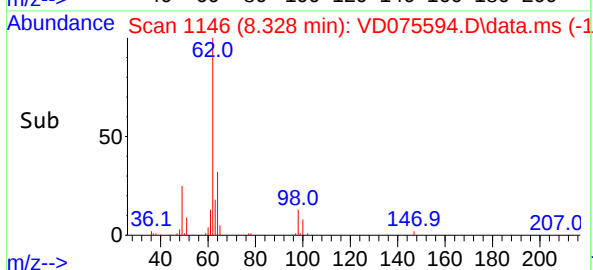
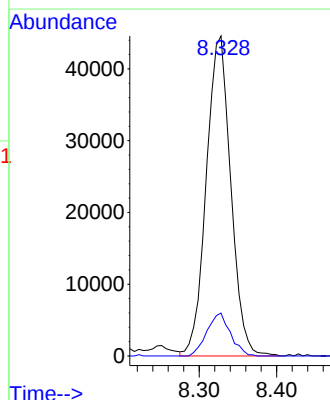
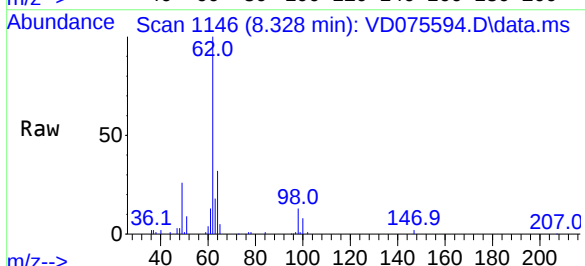
Acq: 06 Apr 2023 15:44

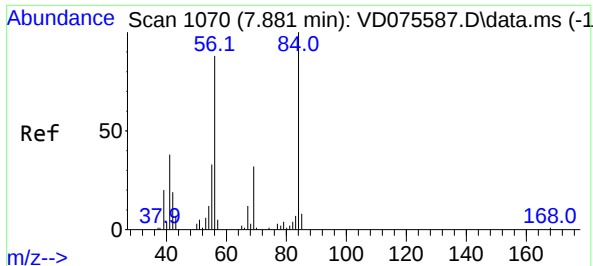
Tgt Ion: 62 Resp: 98010

Ion Ratio Lower Upper

62 100

98 13.4 10.5 15.7





#29

Cyclohexane

Concen: 18.561 ug/L

RT: 7.869 min Scan# 1068

Delta R.T. -0.011 min

Lab File: VD075594.D

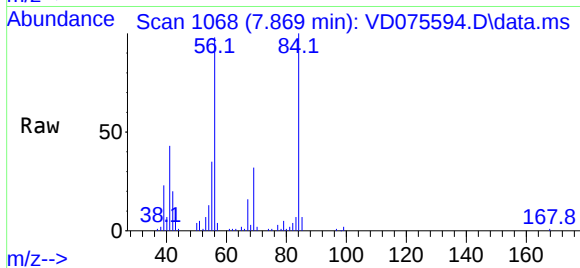
Acq: 06 Apr 2023 15:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025127



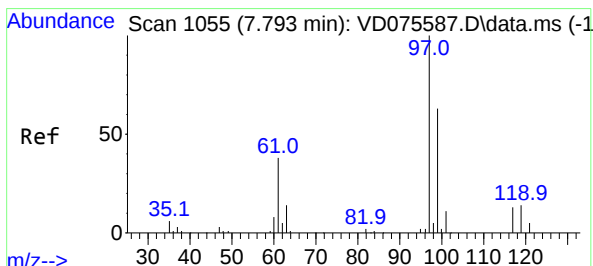
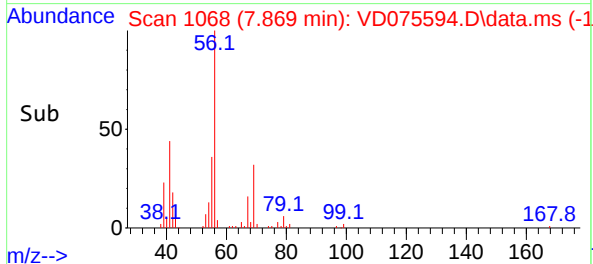
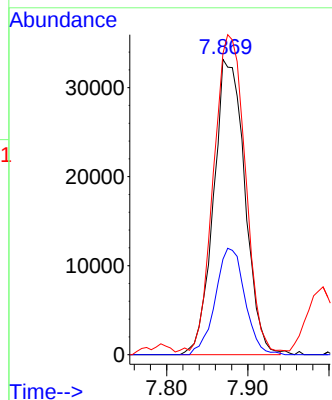
Tgt Ion: 56 Resp: 88559

Ion Ratio Lower Upper

56 100

69 34.1 28.3 42.5

84 110.1 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 19.034 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

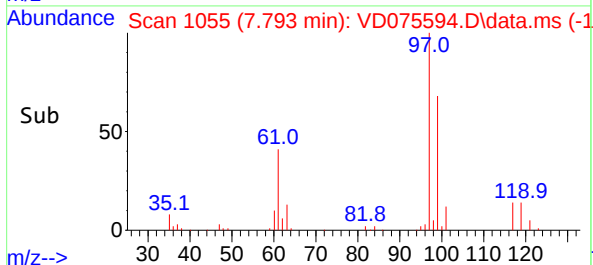
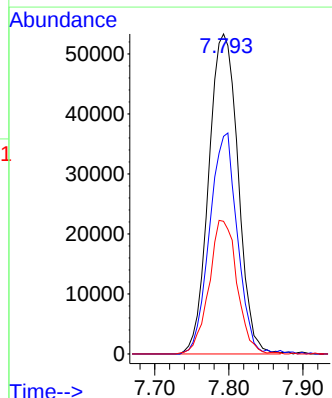
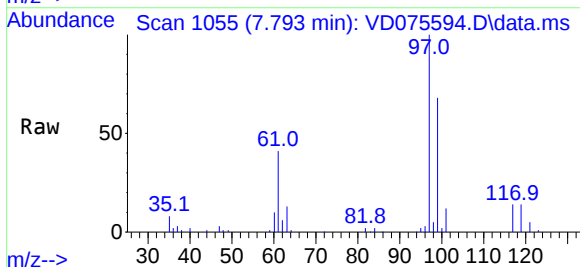
Tgt Ion: 97 Resp: 146605

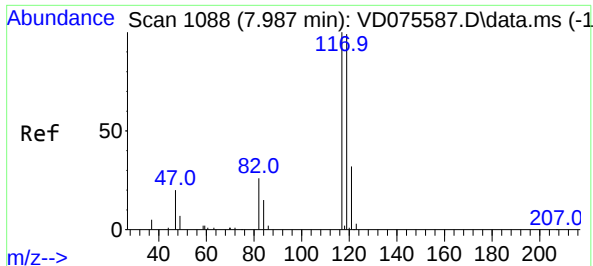
Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.2

61 39.8 32.2 48.2

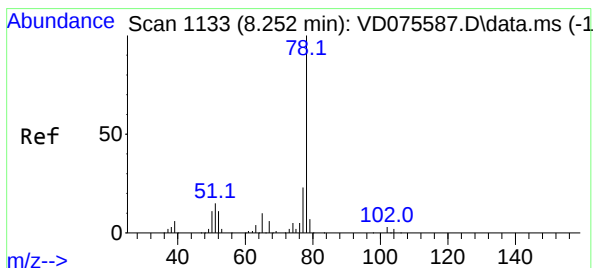
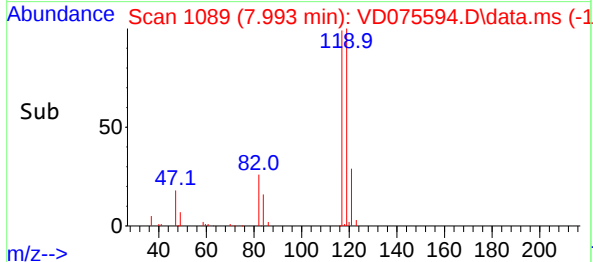
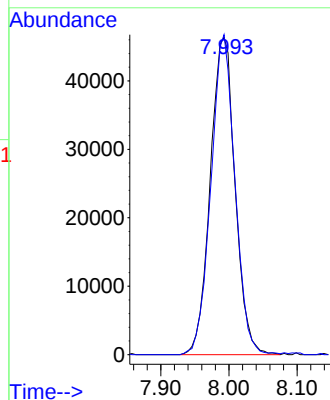
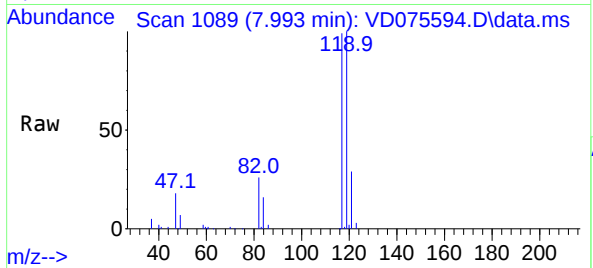




#31
Carbon tetrachloride
Concen: 18.881 ug/L
RT: 7.993 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

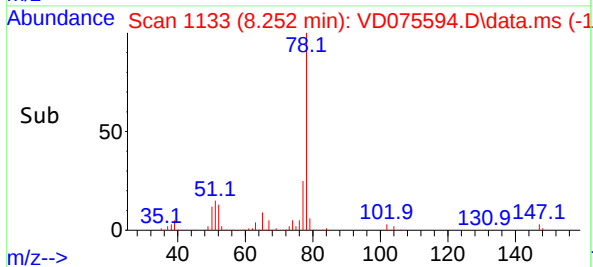
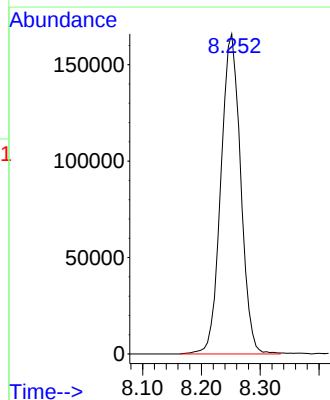
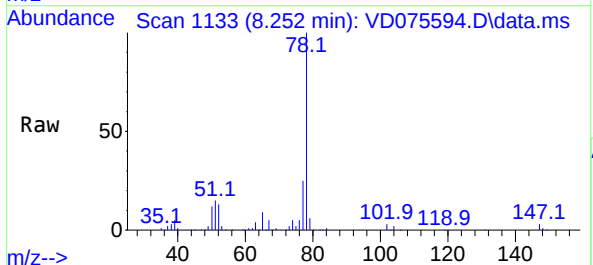
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

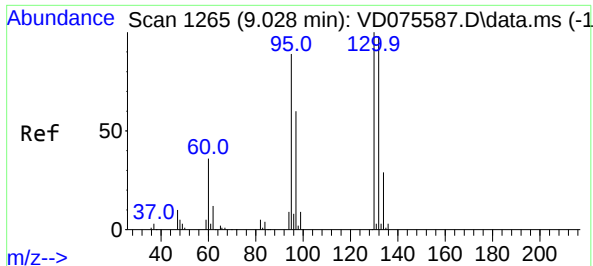
Tgt Ion:117 Resp: 117398
Ion Ratio Lower Upper
117 100
119 97.3 76.4 114.6



#33
Benzene
Concen: 19.284 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 78 Resp: 387984



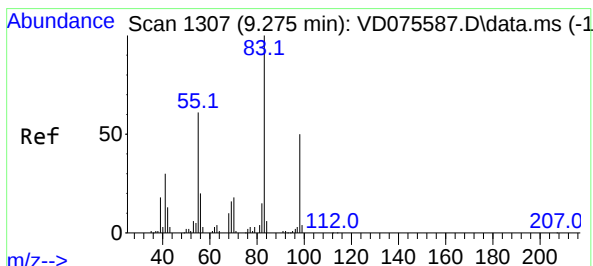
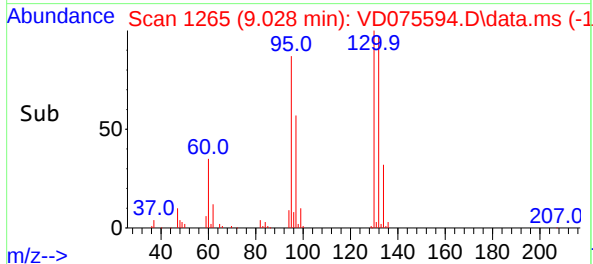
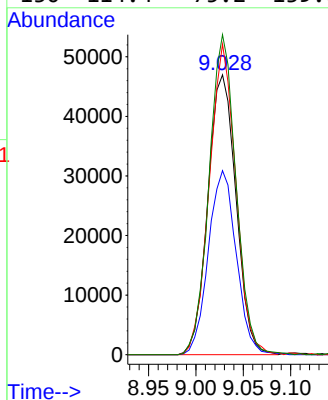
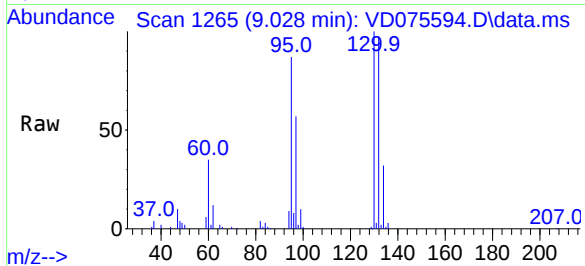


#34
Trichloroethene
Concen: 17.197 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

Tgt Ion: 95 Resp: 96931

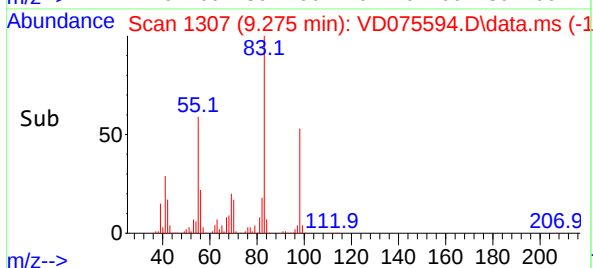
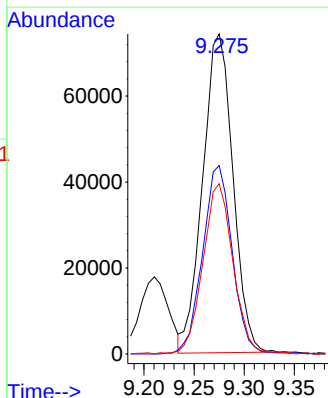
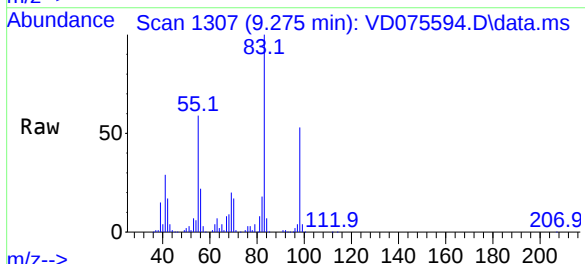
Ion	Ratio	Lower	Upper
95	100		
97	65.8	47.0	87.2
132	111.0	71.2	132.2
130	114.4	75.2	139.6

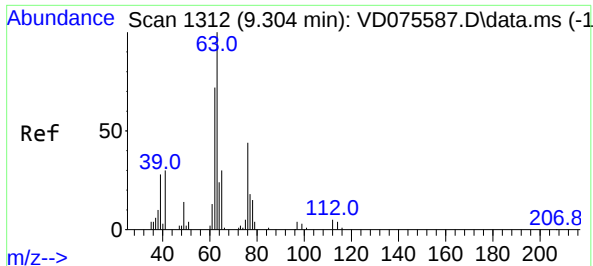


#35
Methylcyclohexane
Concen: 21.121 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 83 Resp: 155713

Ion	Ratio	Lower	Upper
83	100		
55	58.0	46.9	70.3
98	52.9	40.8	61.2

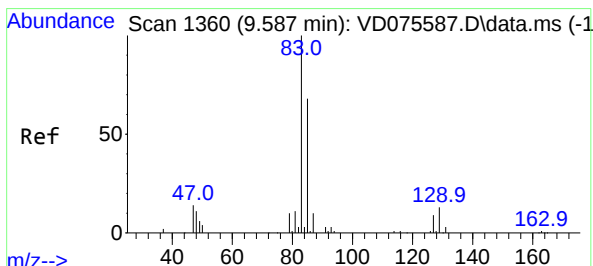
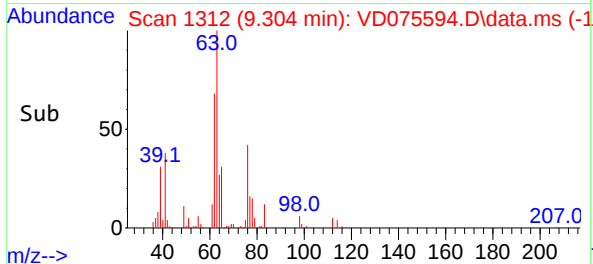
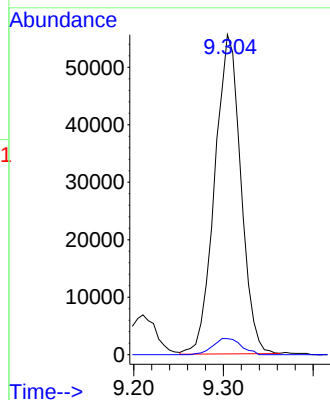
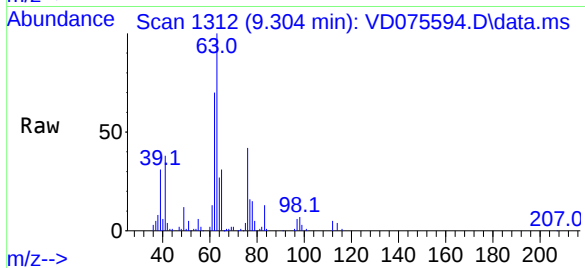




#37
1,2-Dichloropropane
Concen: 23.711 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

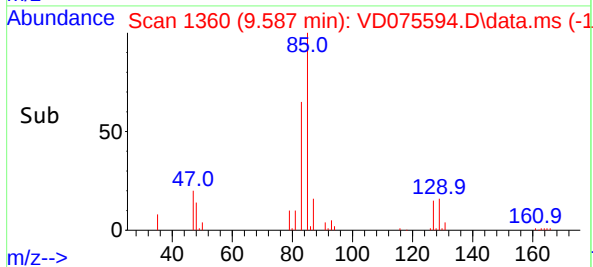
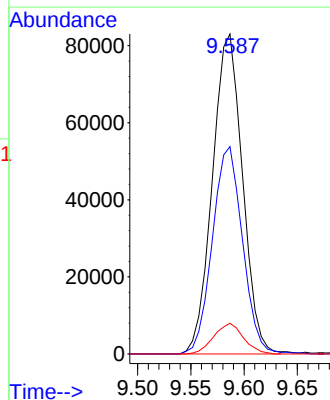
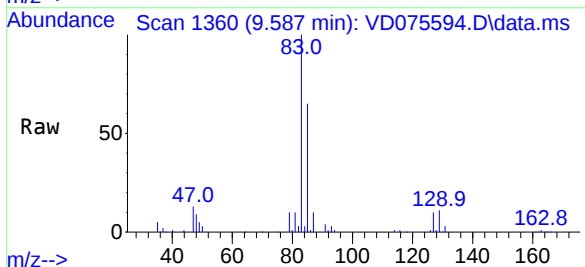
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

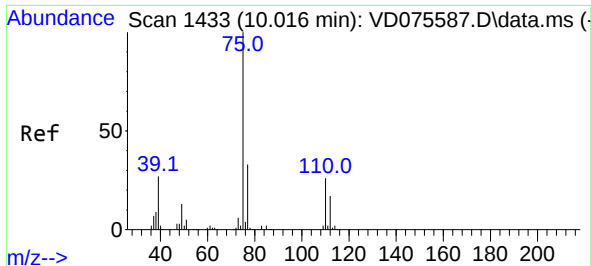
Tgt Ion: 63 Resp: 112230
Ion Ratio Lower Upper
63 100
112 5.5 4.7 7.1



#38
Bromodichloromethane
Concen: 24.160 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 83 Resp: 162873
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9
127 9.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.039 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

Instrument :

MSVOA_D

ClientSampleId :

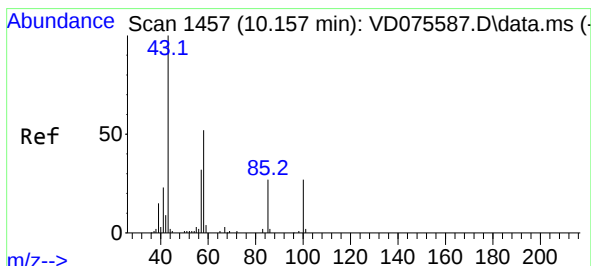
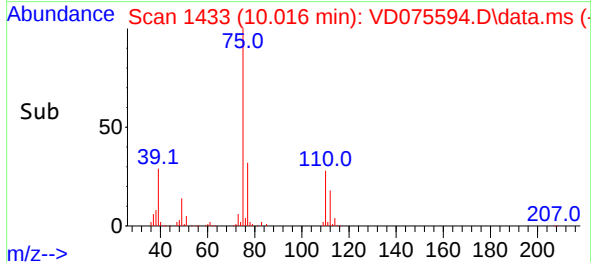
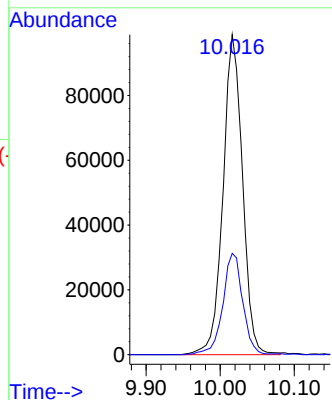
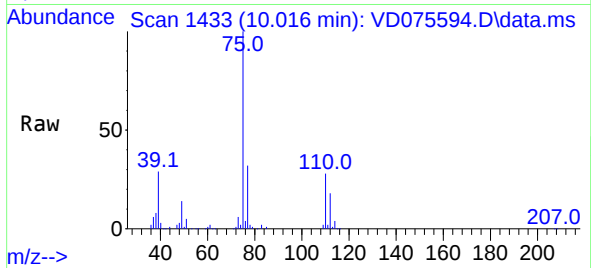
VSTD025127

Tgt Ion: 75 Resp: 180411

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 54.397 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

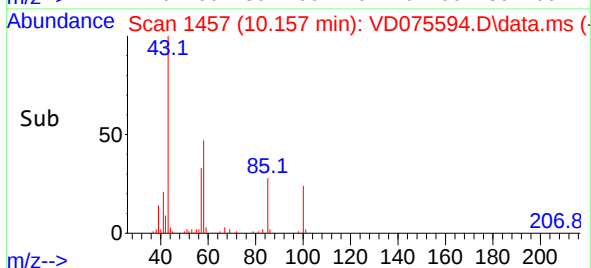
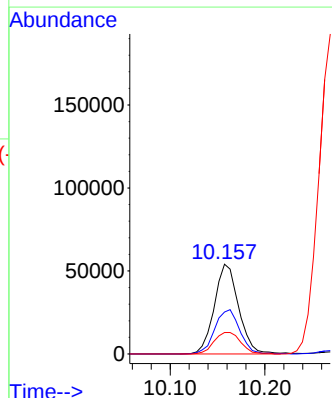
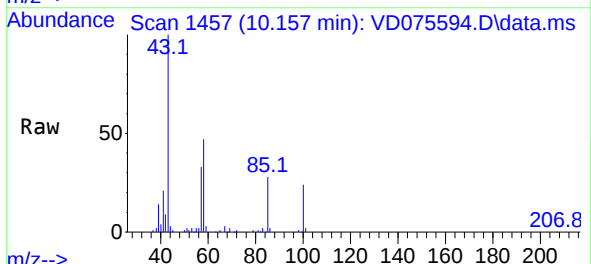
Tgt Ion: 43 Resp: 96508

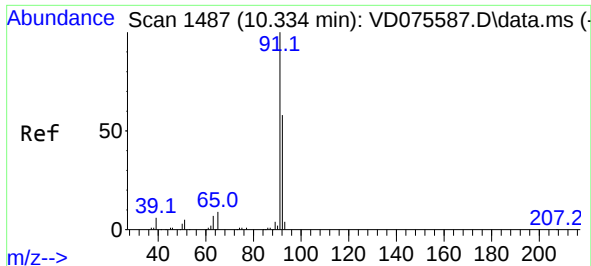
Ion Ratio Lower Upper

43 100

58 50.6 39.4 59.0

100 26.3 20.3 30.5

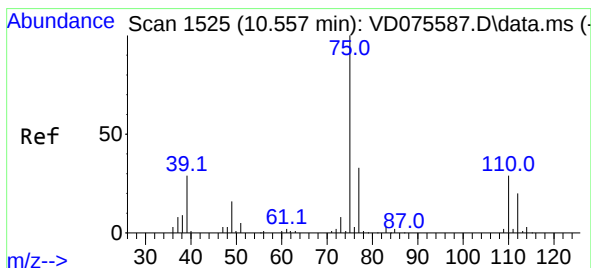
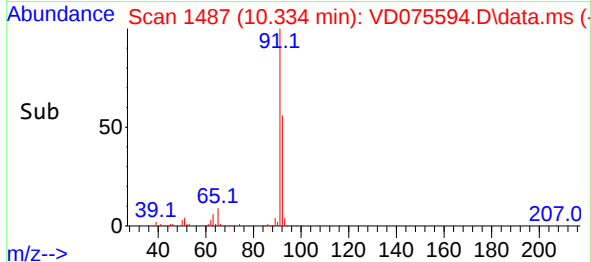
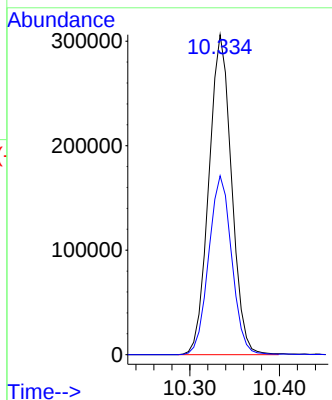
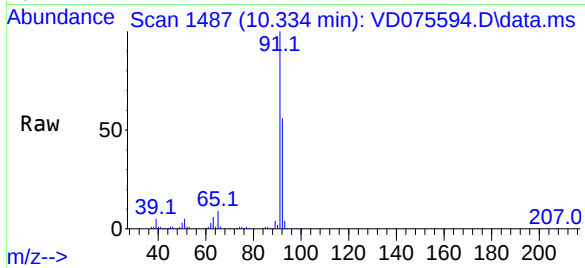




#42
Toluene
Concen: 24.076 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

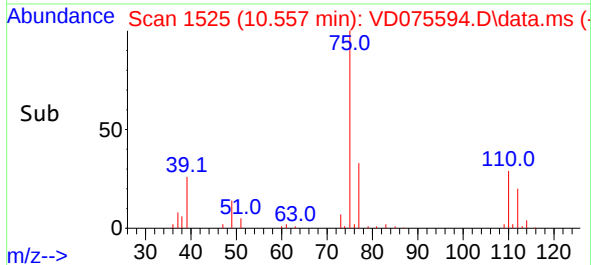
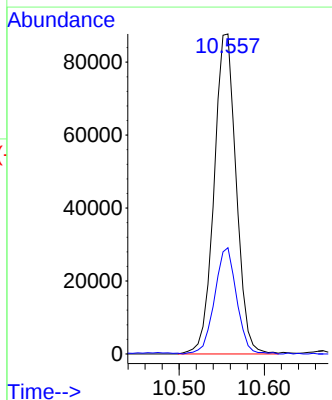
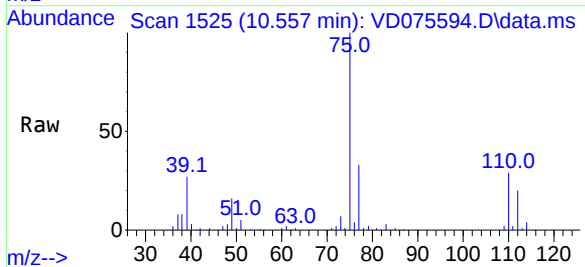
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

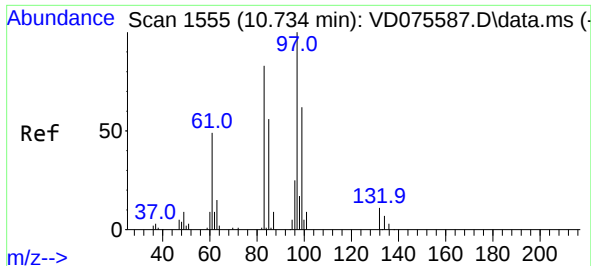
Tgt Ion: 91 Resp: 538174
Ion Ratio Lower Upper
91 100
92 55.9 39.1 72.7



#44
trans-1,3-Dichloropropene
Concen: 24.832 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 75 Resp: 158447
Ion Ratio Lower Upper
75 100
77 33.2 22.1 41.1



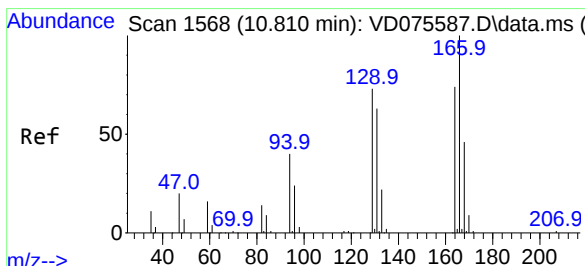
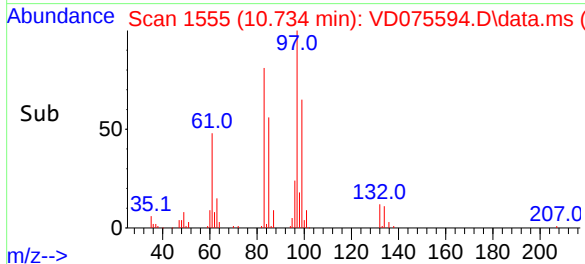
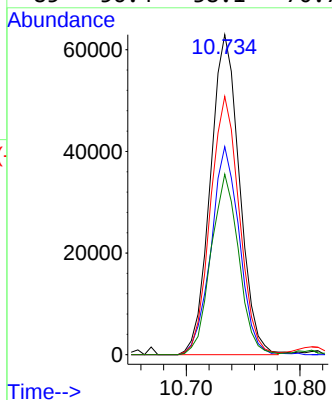
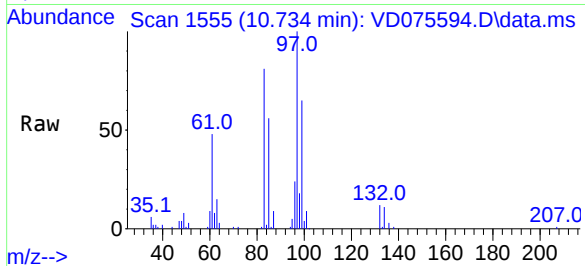


#45
1,1,2-Trichloroethane
Concen: 25.818 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

Tgt Ion: 97 Resp: 112144

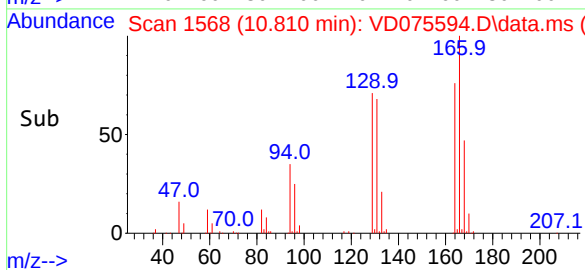
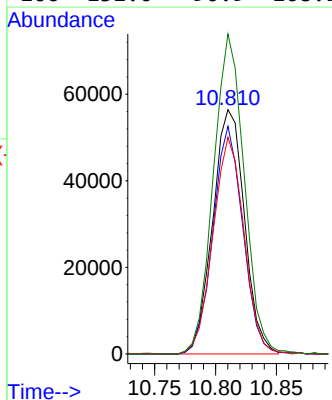
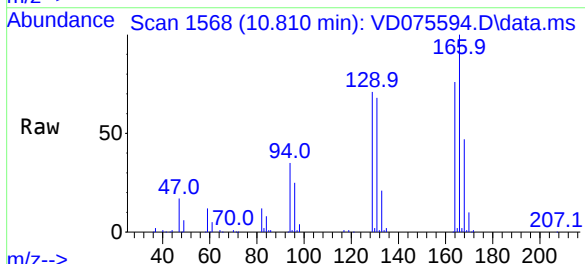
Ion	Ratio	Lower	Upper
97	100		
99	65.0	46.4	86.2
83	80.7	57.1	106.1
85	56.4	38.1	70.7

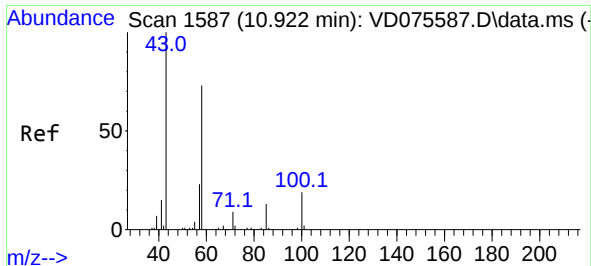


#46
Tetrachloroethene
Concen: 23.170 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 164 Resp: 102284

Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.8	120.3
131	88.7	61.7	114.7
166	131.0	90.9	168.9

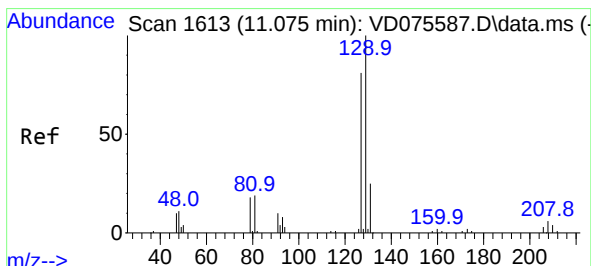
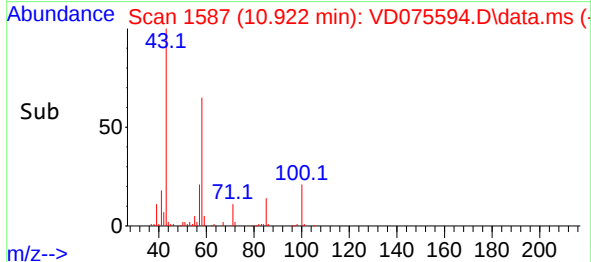
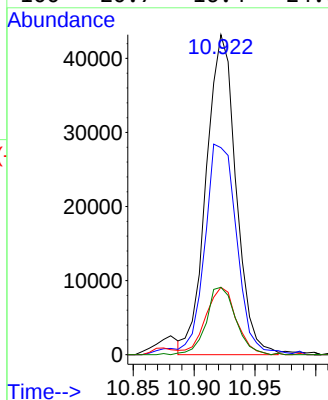
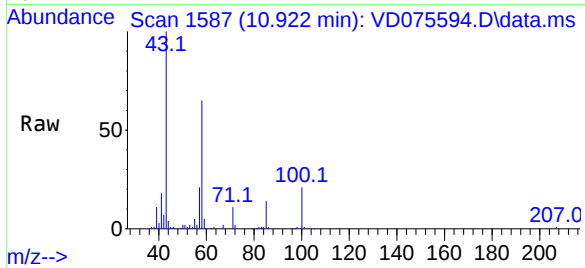




#48
2-Hexanone
Concen: 61.543 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

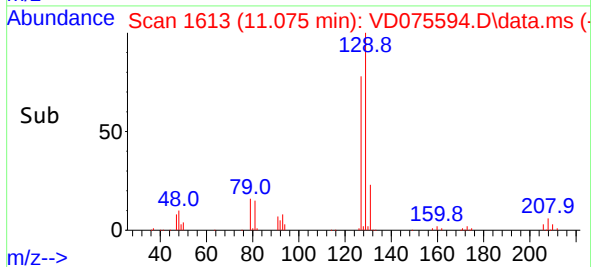
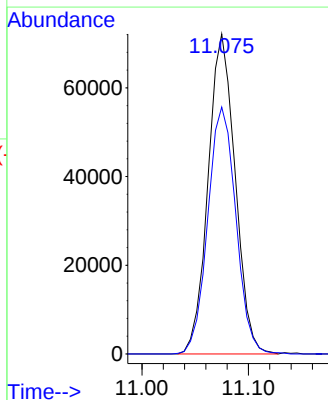
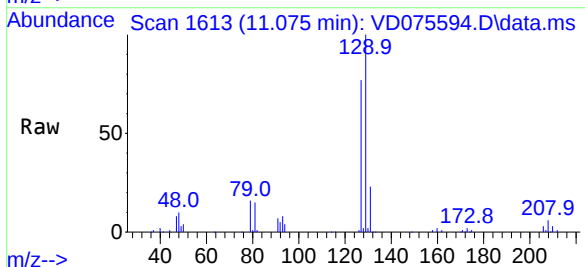
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

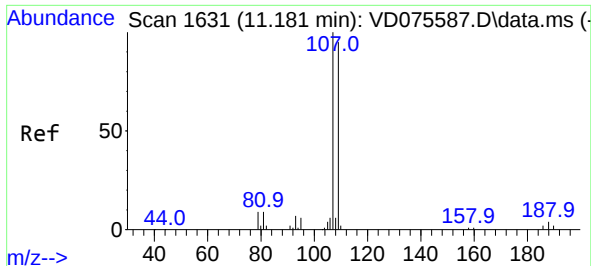
Tgt Ion:	43	Resp:	73586
Ion	Ratio	Lower	Upper
43	100		
58	69.6	55.8	83.6
57	21.6	18.6	27.8
100	20.7	16.4	24.6



#49
Dibromochloromethane
Concen: 27.072 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:	129	Resp:	127313
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.5	101.1

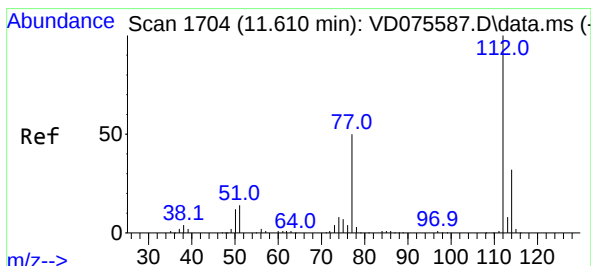
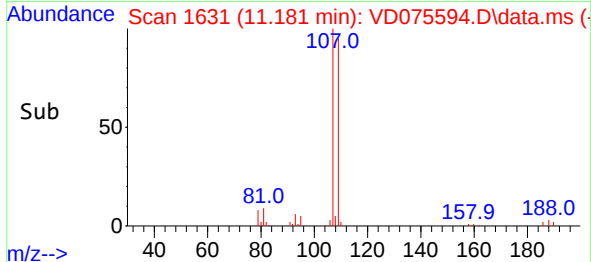
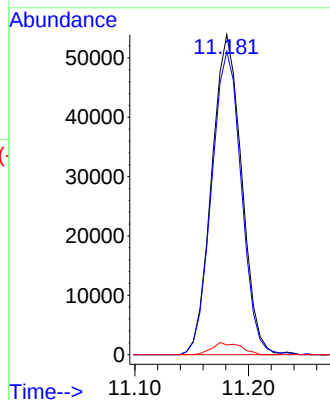
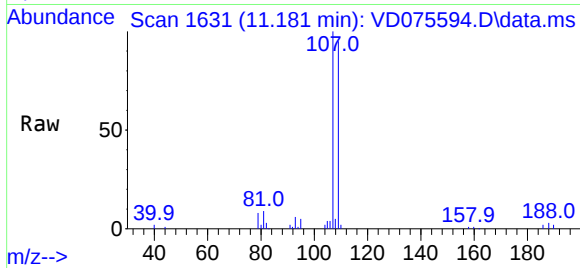




#50
1,2-Dibromoethane
Concen: 25.878 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

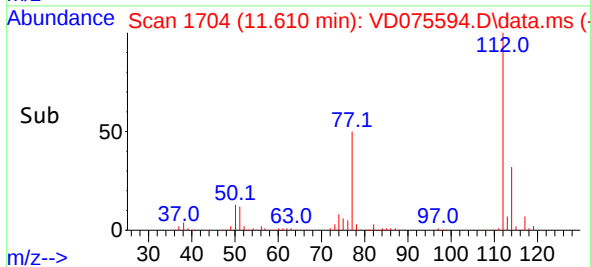
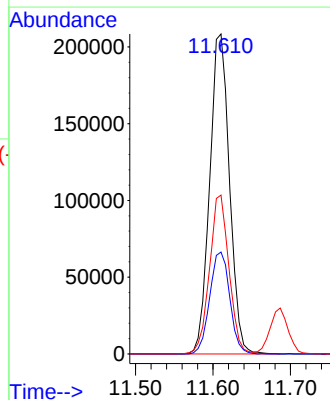
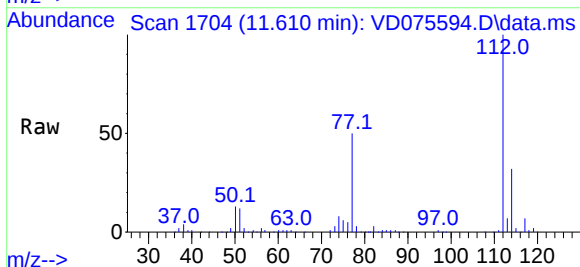
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

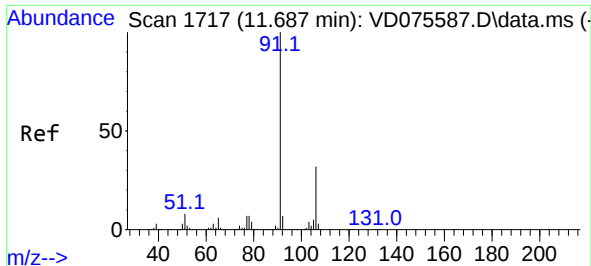
Tgt Ion:107 Resp: 98485
Ion Ratio Lower Upper
107 100
109 94.8 64.8 120.3
188 3.1 3.4 5.0#



#51
Chlorobenzene
Concen: 24.614 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:112 Resp: 370549
Ion Ratio Lower Upper
112 100
114 31.9 21.1 39.1
77 49.7 37.8 56.6

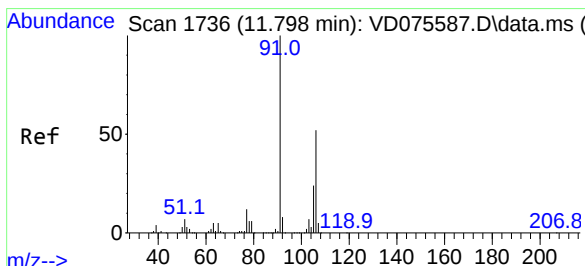
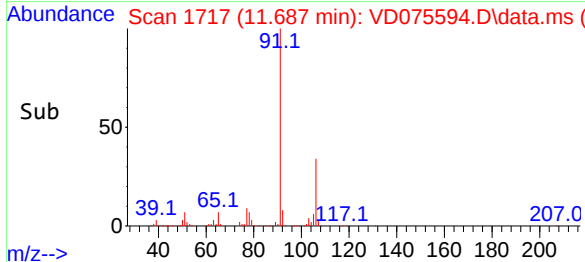
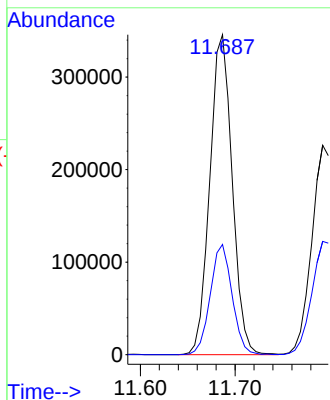
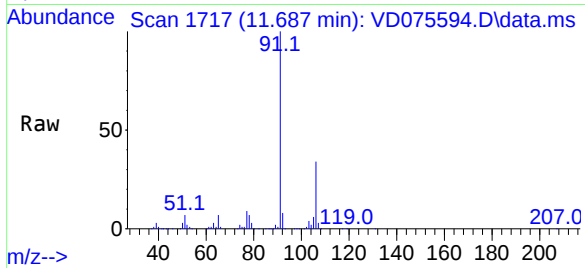




#52
Ethylbenzene
Concen: 24.232 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

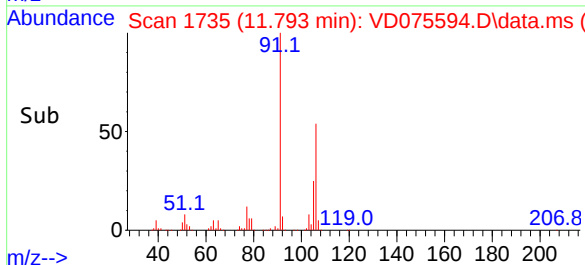
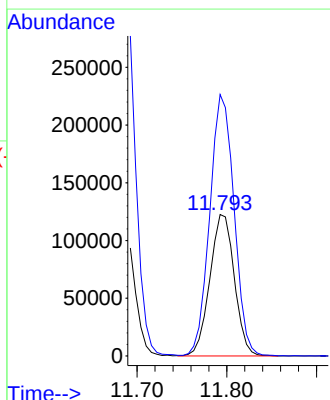
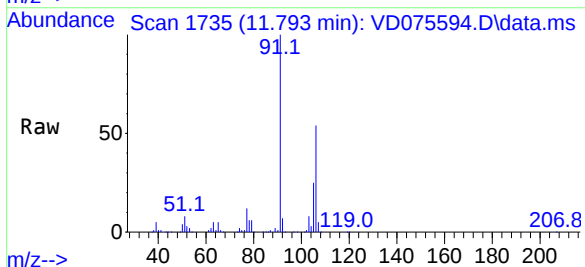
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

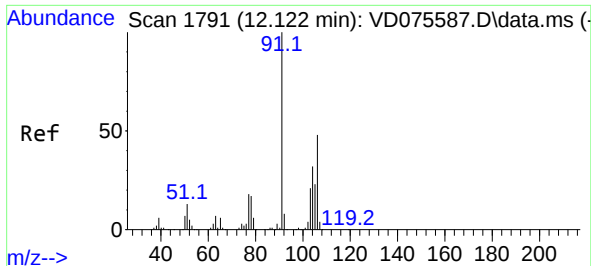
Tgt Ion: 91 Resp: 569603
Ion Ratio Lower Upper
91 100
106 34.4 23.2 43.2



#53
m,p-Xylene
Concen: 25.182 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 106 Resp: 232107
Ion Ratio Lower Upper
106 100
91 184.9 126.7 235.3

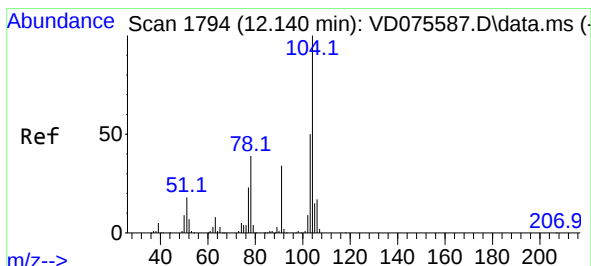
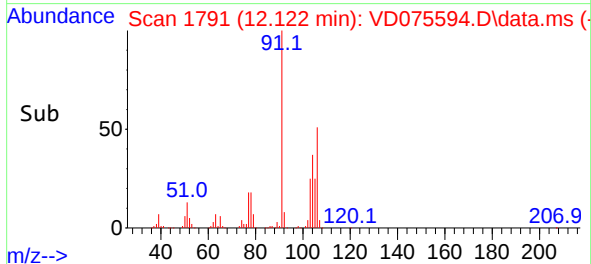
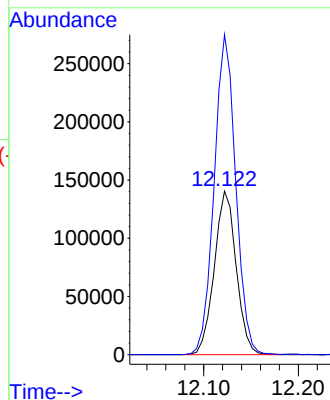
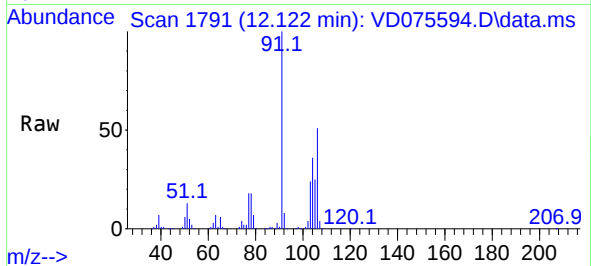




#54
o-Xylene
Concen: 25.710 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

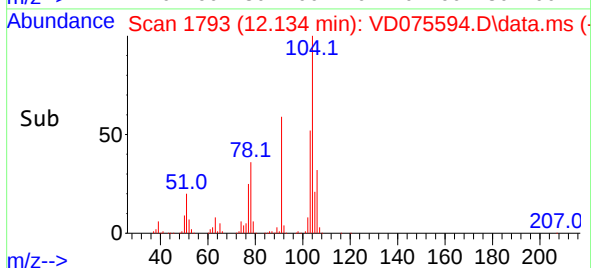
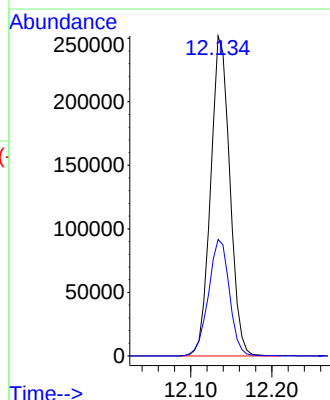
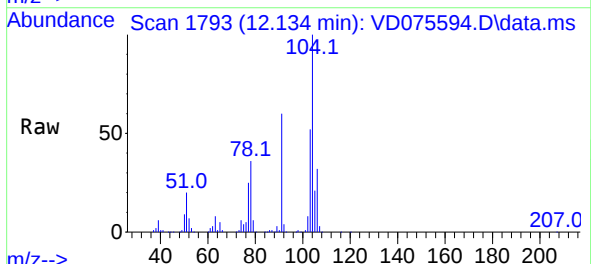
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

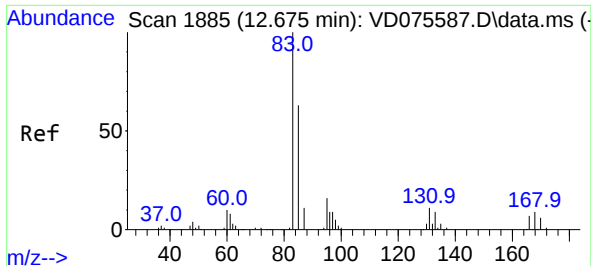
Tgt Ion:106 Resp: 225647
Ion Ratio Lower Upper
106 100
91 195.7 138.3 256.9



#55
Styrene
Concen: 26.424 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:104 Resp: 413241
Ion Ratio Lower Upper
104 100
78 36.4 25.8 47.8

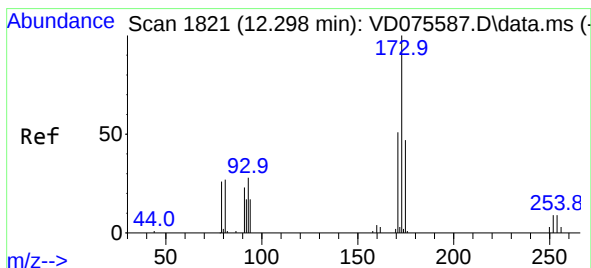
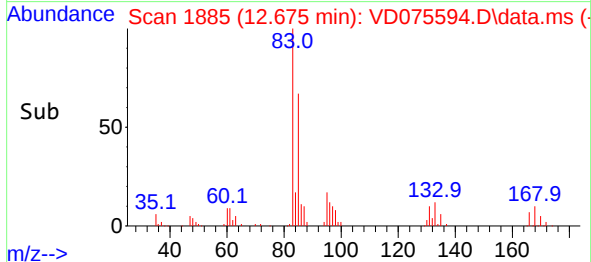
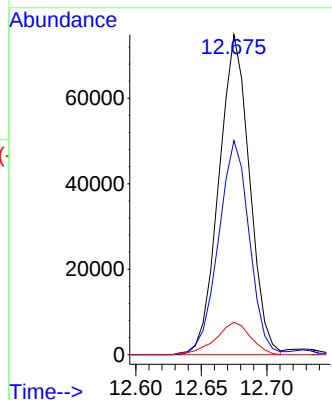
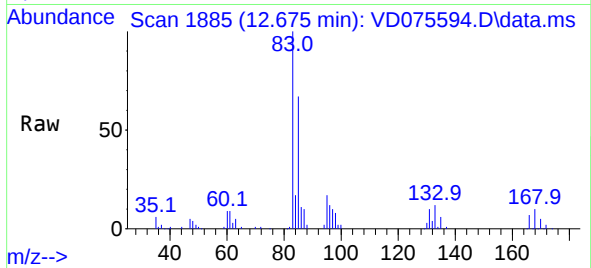




#57
1,1,2,2-Tetrachloroethane
Concen: 27.123 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

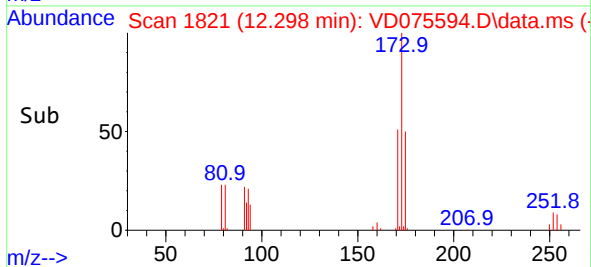
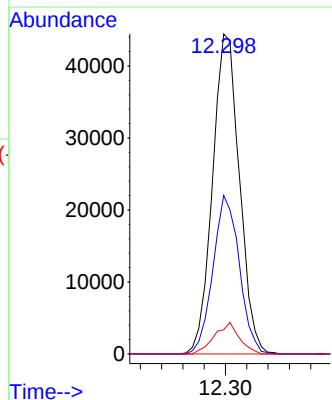
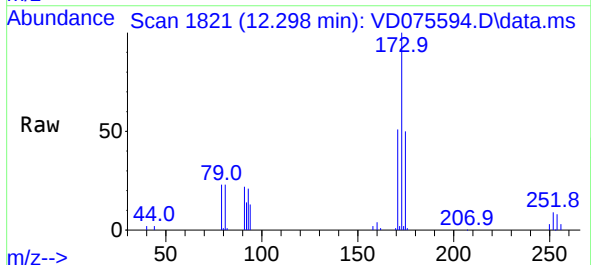
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

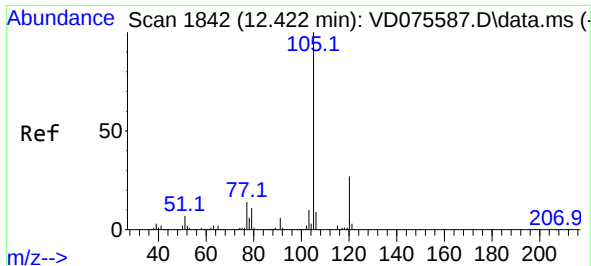
Tgt Ion: 83 Resp: 121584
Ion Ratio Lower Upper
83 100
85 66.9 48.7 90.5
131 10.1 9.3 13.9



#59
Bromoform
Concen: 25.795 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 173 Resp: 77872
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 9.1 7.7 11.5

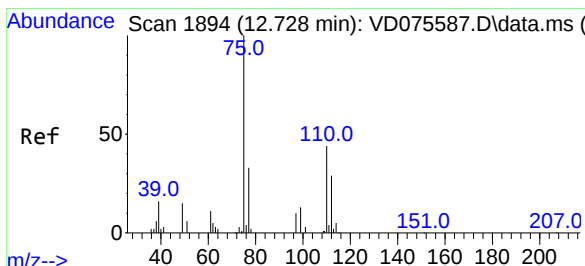
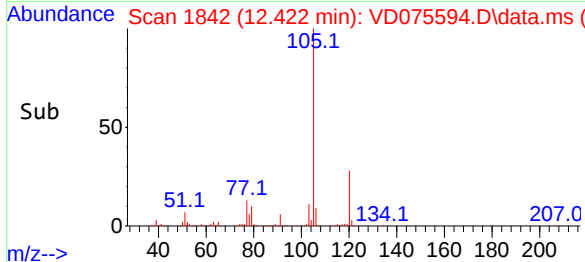
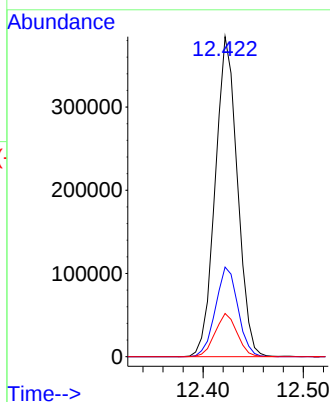
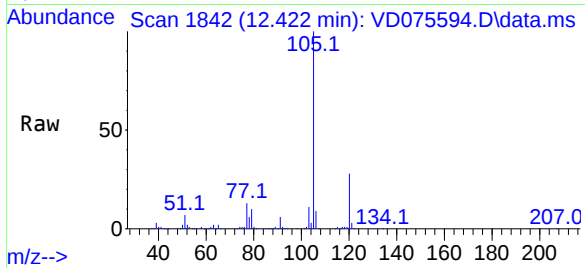




#60
Isopropylbenzene
Concen: 22.923 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

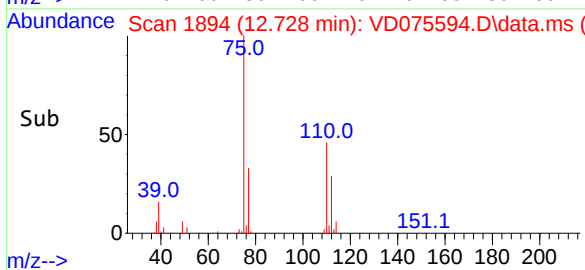
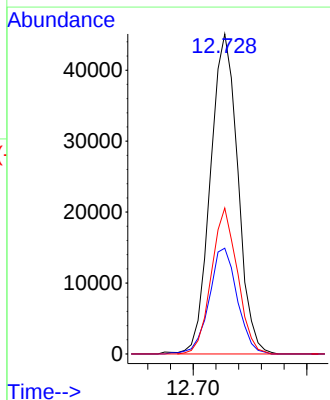
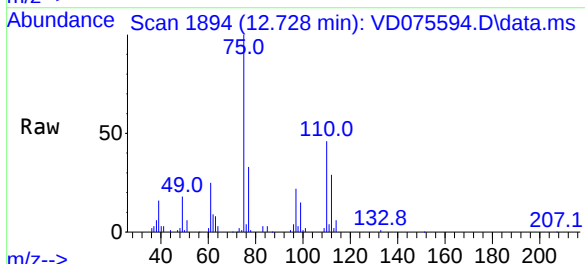
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

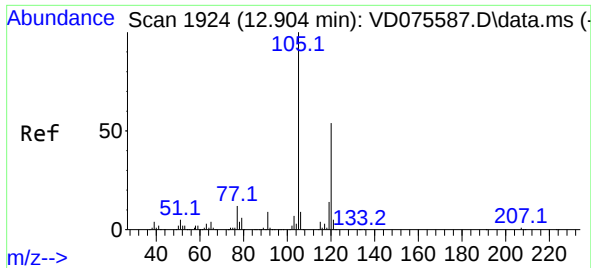
Tgt Ion:105 Resp: 590796
Ion Ratio Lower Upper
105 100
120 28.3 22.5 33.7
77 13.4 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 24.492 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion: 75 Resp: 75669
Ion Ratio Lower Upper
75 100
77 33.8 25.7 38.5
110 43.3 35.9 53.9

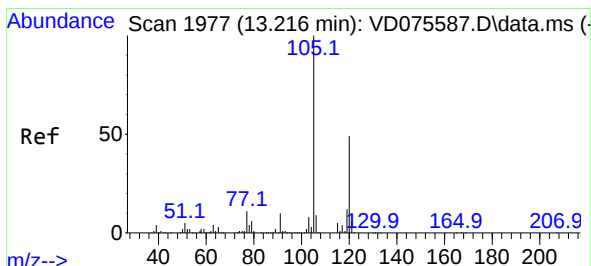
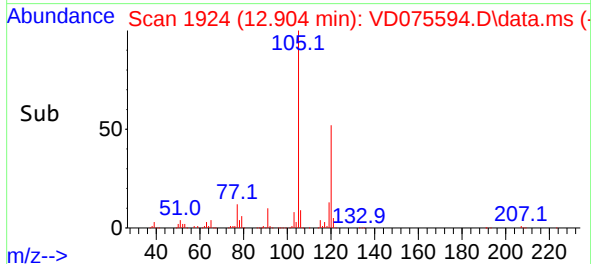
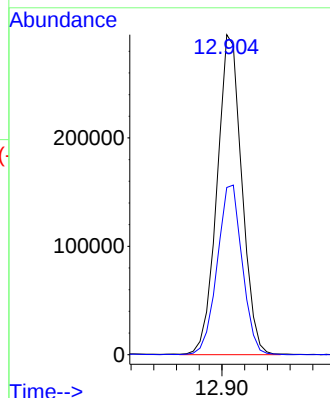
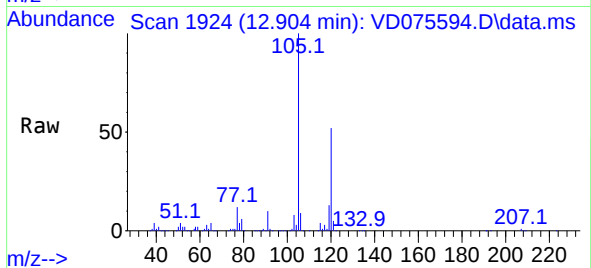




#62
1,3,5-Trimethylbenzene
Concen: 23.044 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

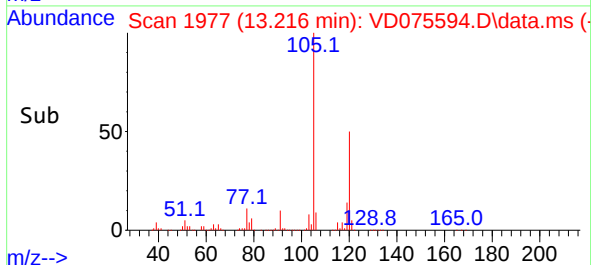
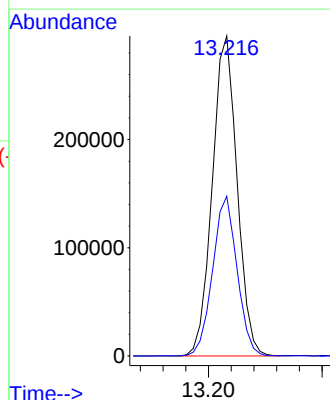
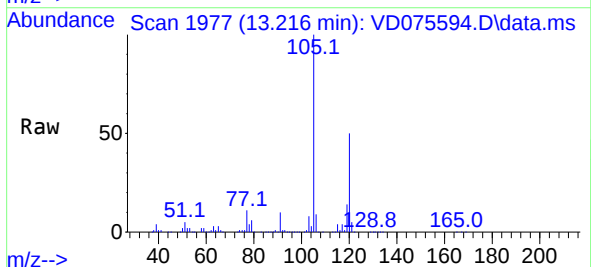
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

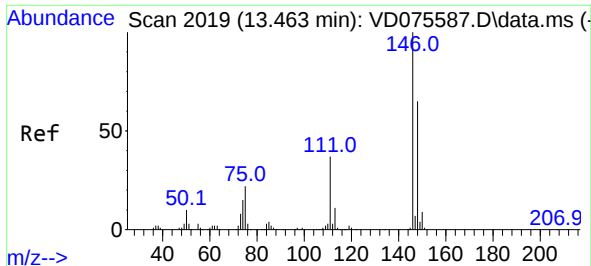
Tgt Ion:105 Resp: 447977
Ion Ratio Lower Upper
105 100
120 53.5 41.1 61.7



#63
1,2,4-Trimethylbenzene
Concen: 24.099 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:105 Resp: 448009
Ion Ratio Lower Upper
105 100
120 49.1 39.0 58.4

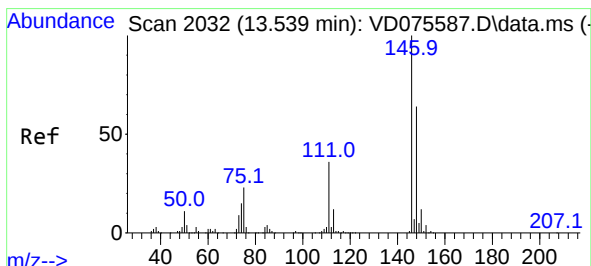
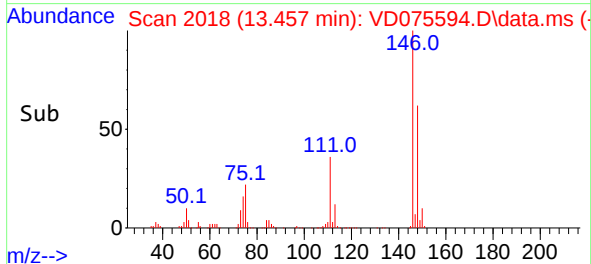
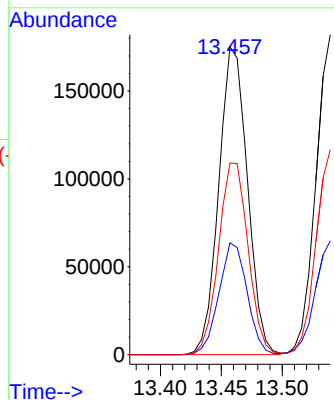
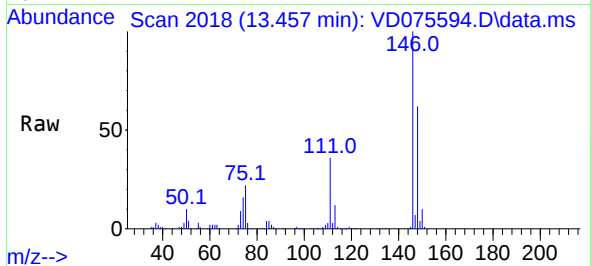




#64
1,3-Dichlorobenzene
Concen: 24.618 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

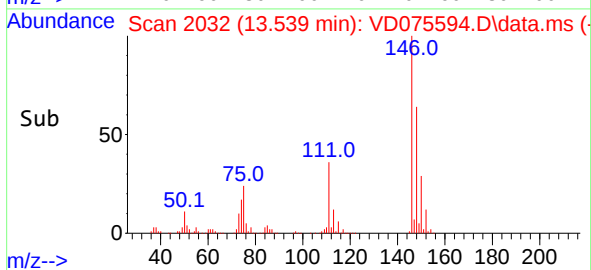
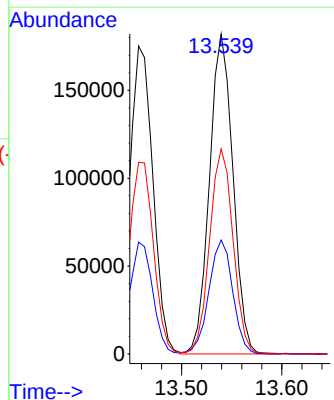
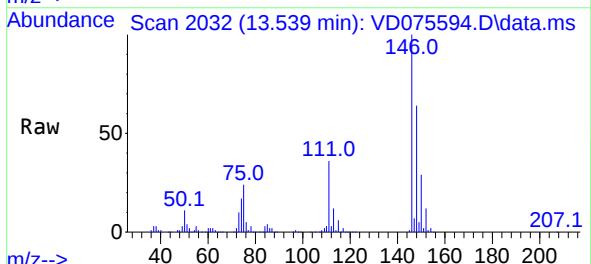
Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

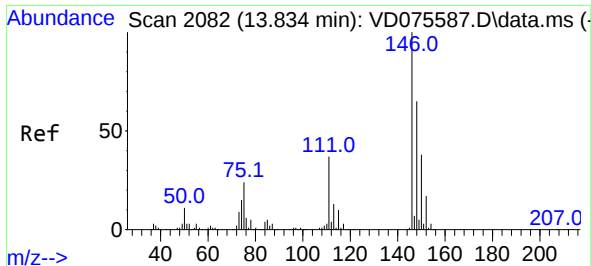
Tgt Ion:146 Resp: 287303
Ion Ratio Lower Upper
146 100
111 36.3 26.2 48.8
148 62.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 24.357 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:146 Resp: 296498
Ion Ratio Lower Upper
146 100
111 35.6 26.0 48.4
148 64.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 25.097 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025127

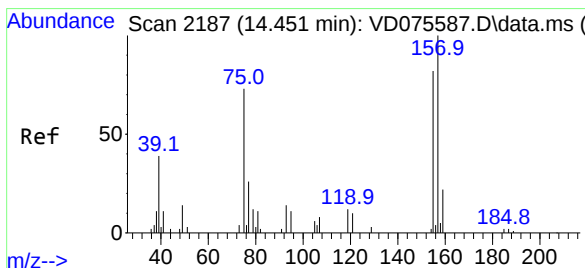
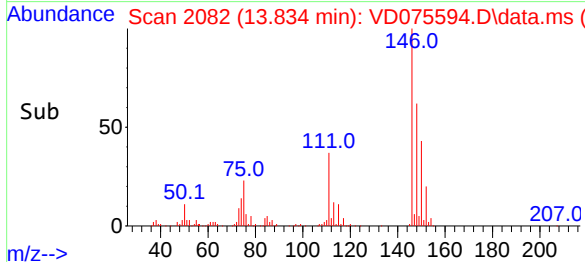
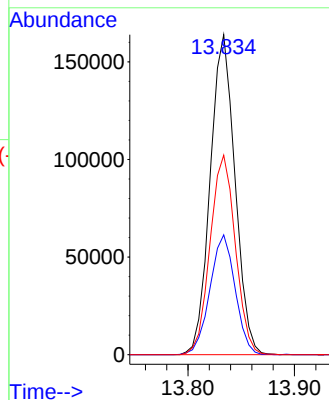
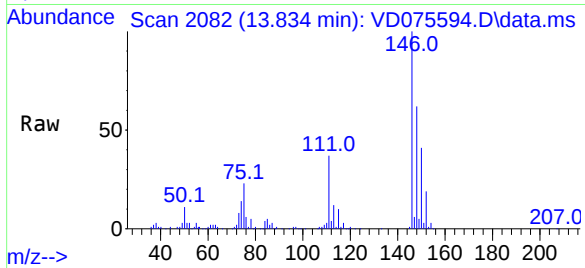
Tgt Ion:146 Resp: 265275

Ion Ratio Lower Upper

146 100

111 37.5 31.3 46.9

148 62.3 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.748 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075594.D

Acq: 06 Apr 2023 15:44

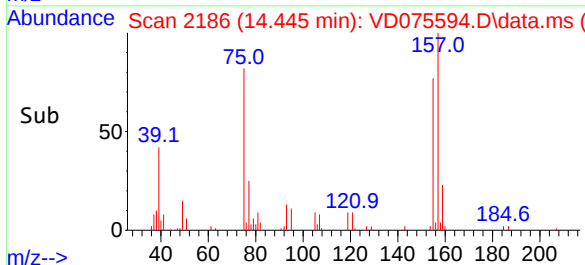
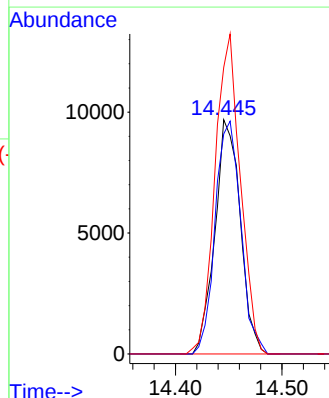
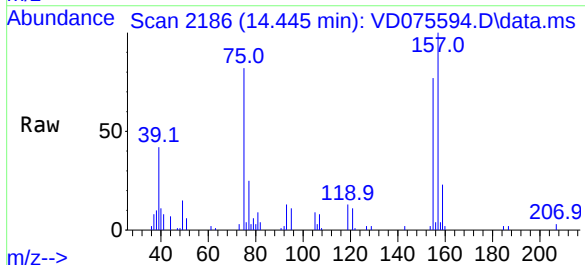
Tgt Ion: 75 Resp: 16020

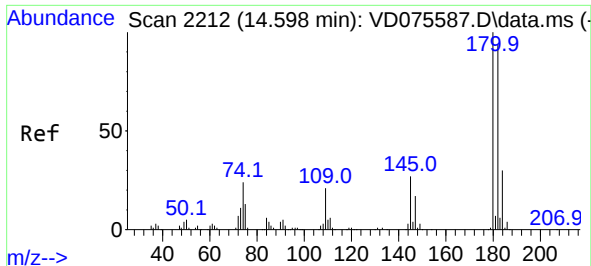
Ion Ratio Lower Upper

75 100

155 93.9 70.6 106.0

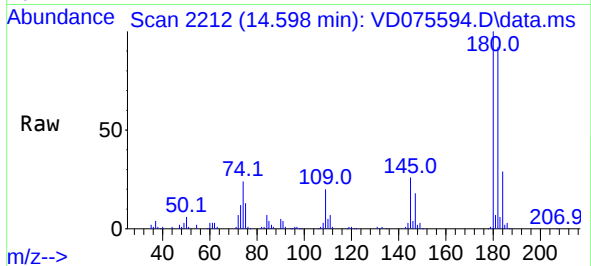
157 122.3 111.3 166.9



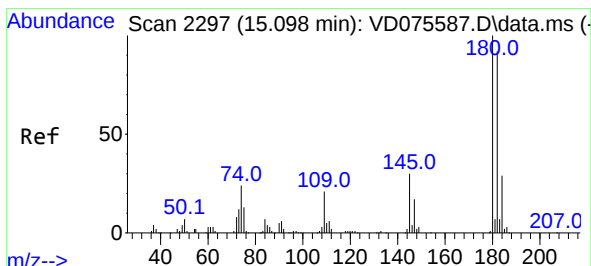
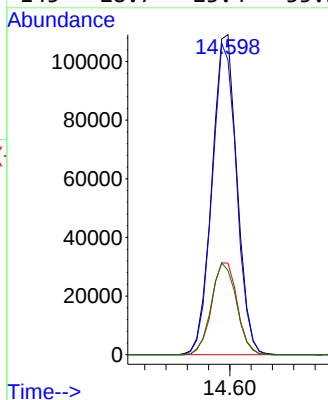
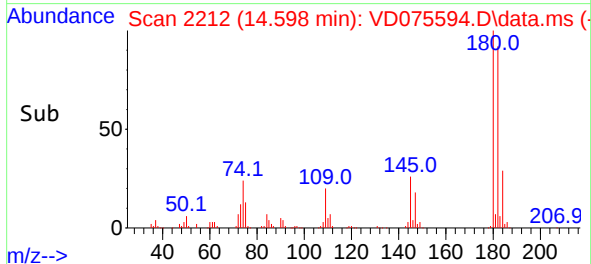


#69
 1,3,5-Trichlorobenzene
 Concen: 24.784 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075594.D
 Acq: 06 Apr 2023 15:44

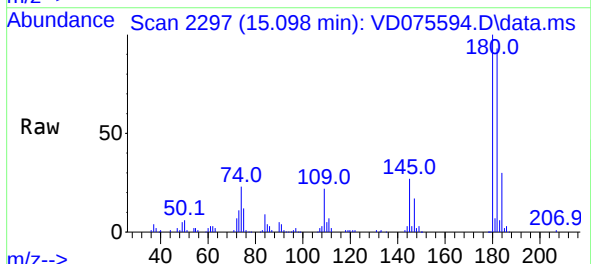
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025127



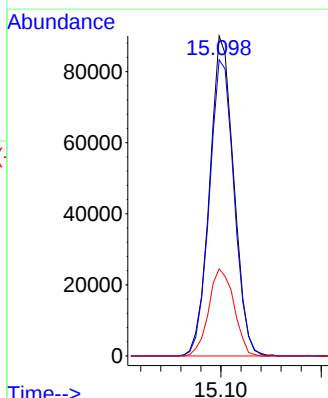
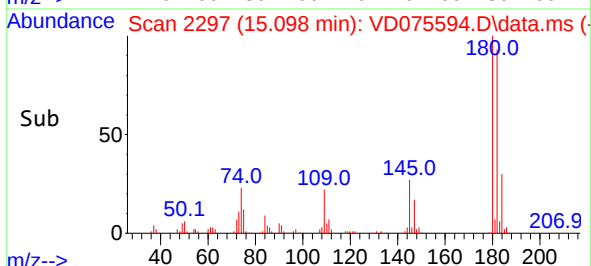
Tgt Ion:180 Resp: 178371
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 184 29.4 24.6 36.8
 145 28.7 23.4 35.2

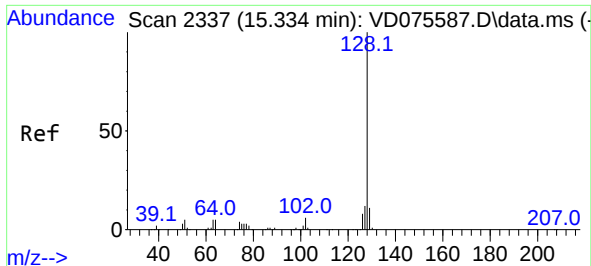


#70
 1,2,4-trichlorobenzene
 Concen: 25.858 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075594.D
 Acq: 06 Apr 2023 15:44



Tgt Ion:180 Resp: 150661
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.2 111.2
 145 28.4 22.9 34.3



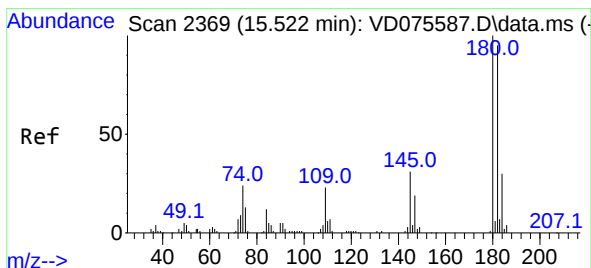
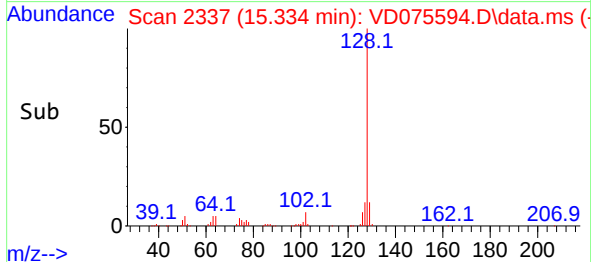
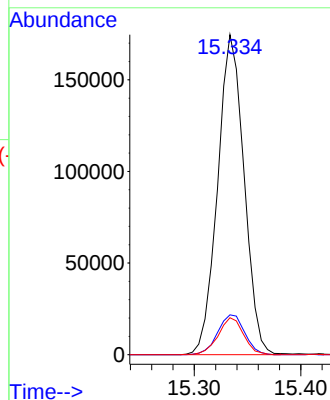
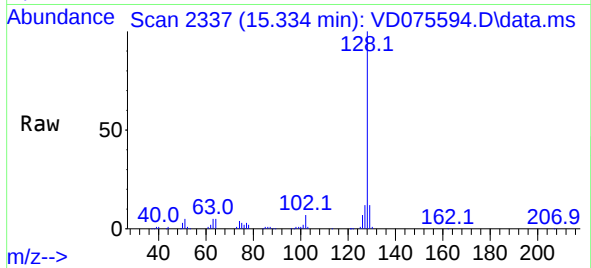


#71
Naphthalene
Concen: 27.944 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
VSTD025127

Tgt Ion:128 Resp: 301031

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.241 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075594.D
Acq: 06 Apr 2023 15:44

Tgt Ion:180 Resp: 136954

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.4	113.0
145	31.2	25.2	37.8

