

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052824\
 Data File : VD079052.D
 Acq On : 28 May 2024 16:39
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 29 01:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	195186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	195976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	104439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	125377	26.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.800%
7) Chloroethane-d5	2.805	69	135040	26.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.440%
11) 1,1-Dichloroethene-d2	3.922	65	23071	24.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.880%
21) 2-Butanone-d5	6.987	46	22810	33.680	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.360%
24) Chloroform-d	7.569	84	122945	21.159	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.640%
26) 1,2-Dichloroethane-d4	8.222	65	61519	22.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.160%
32) Benzene-d6	8.199	84	265166	26.518	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.080%
36) 1,2-Dichloropropane-d6	9.210	67	72186	23.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.269	98	251244	27.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.040%
43) trans-1,3-Dichloroprop...	10.528	79	32851	23.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	10.875	63	21858	35.795	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.600%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	71305	20.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	83535	23.565	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	68762	17.607	ug/L	99
3) Chloromethane	2.152	50	96216	20.079	ug/L	90
5) Vinyl chloride	2.287	62	151452	19.317	ug/L	100
6) Bromomethane	2.693	94	100150	17.862	ug/L	91
8) Chloroethane	2.840	64	132825	21.936	ug/L	98
9) Trichlorofluoromethane	3.175	101	132351	21.645	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	85083	21.951	ug/L	96
12) 1,1-Dichloroethene	3.934	96	71355	21.143	ug/L	94
13) Acetone	4.028	43	34161	41.756	ug/L	97
14) Carbon disulfide	4.264	76	163249	16.692	ug/L	96
15) Methyl Acetate	4.564	43	29902	22.495	ug/L	97
16) Methylene chloride	4.799	84	94775	20.499	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	82004	23.864	ug/L	95
18) Methyl tert-butyl Ether	5.311	73	186749	25.507	ug/L #	94
19) 1,1-Dichloroethane	6.111	63	152261	26.380	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	100784	25.713	ug/L	96
22) 2-Butanone	7.081	43	43724	46.485	ug/L	96
23) Bromochloromethane	7.422	128	48517	24.772	ug/L #	87
25) Chloroform	7.593	83	188496	27.170	ug/L	99

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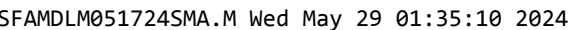
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 29 01:35:04 2024
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 Quant Title : SFAM01.0
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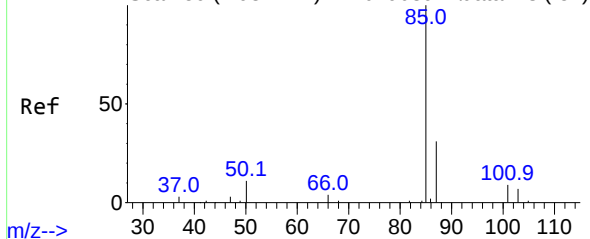
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	101130	25.168	ug/L	100
29) Cyclohexane	7.875	56	83135	22.072	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	143283	26.426	ug/L	99
31) Carbon tetrachloride	7.993	117	125324	25.103	ug/L	100
33) Benzene	8.246	78	366712	27.299	ug/L	100
34) Trichloroethene	9.028	95	89690	25.916	ug/L	97
35) Methylcyclohexane	9.269	83	116578	22.406	ug/L	98
37) 1,2-Dichloropropane	9.304	63	94680	27.811	ug/L	99
38) Bromodichloromethane	9.581	83	133184	27.666	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	147490	27.617	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	93251	54.228	ug/L	97
42) Toluene	10.334	91	415341	28.122	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	130148	27.566	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	84337	27.092	ug/L	91
46) Tetrachloroethene	10.810	164	72722	24.423	ug/L	94
48) 2-Hexanone	10.916	43	67447	50.596	ug/L	98
49) Dibromochloromethane	11.075	129	103494	27.346	ug/L	93
50) 1,2-Dibromoethane	11.175	107	77250	26.270	ug/L	98
51) Chlorobenzene	11.604	112	280668	26.899	ug/L	99
52) Ethylbenzene	11.681	91	454510	28.514	ug/L	97
53) m,p-Xylene	11.793	106	179879	28.208	ug/L	98
54) o-Xylene	12.122	106	177749	28.619	ug/L	100
55) Styrene	12.134	104	328587	29.938	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	103183	27.328	ug/L	100
59) Bromoform	12.298	173	64144	27.137	ug/L	99
60) Isopropylbenzene	12.422	105	471931	30.565	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	65342	27.294	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	363494	31.849	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	363762	31.366	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	224913	29.993	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	231948	28.690	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	208929	29.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13134	26.337	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	141509	29.056	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	117500	28.499	ug/L	98
71) Naphthalene	15.334	128	237848	28.275	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	114404	29.687	ug/L	100

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

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Abundance Scan 59 (1.934 min): VD079039.D\data.ms (-54)

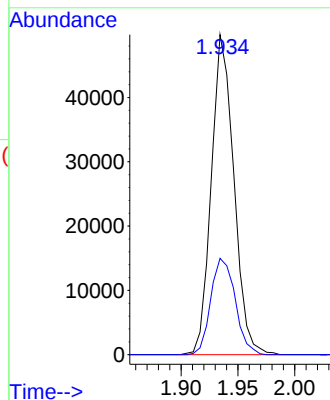
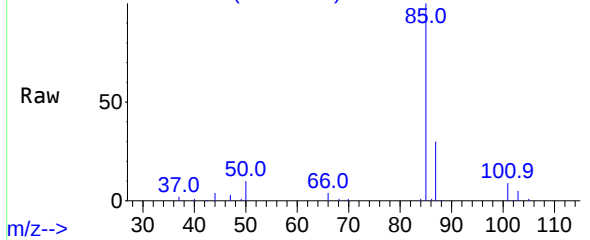


#2
Dichlorodifluoromethane
Concen: 17.607 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

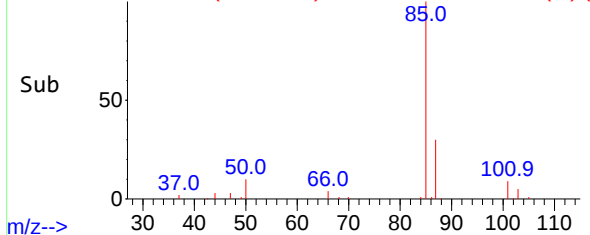
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 85 Resp: 68762
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5

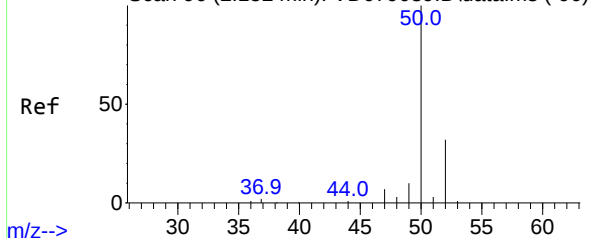
Abundance Scan 59 (1.934 min): VD079052.D\data.ms



Abundance Scan 59 (1.934 min): VD079052.D\data.ms (-8)



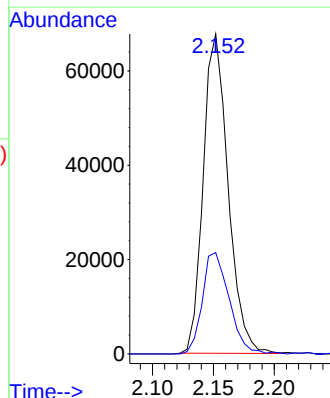
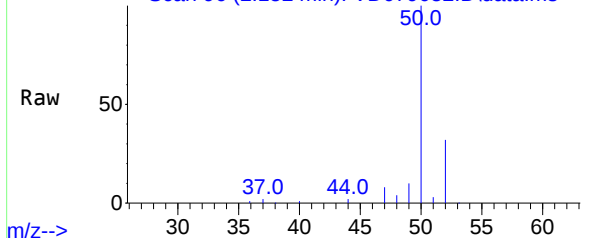
Abundance Scan 96 (2.152 min): VD079039.D\data.ms (-90)



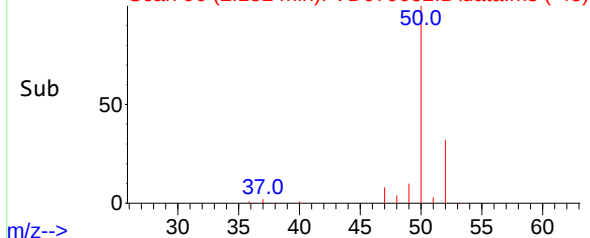
#3
Chloromethane
Concen: 20.079 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

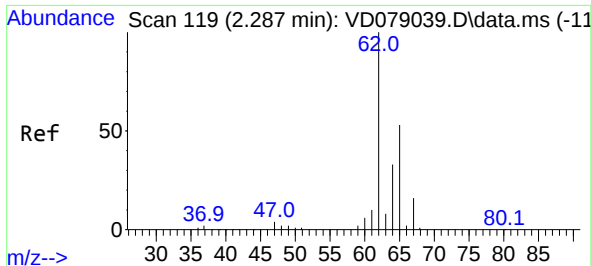
Tgt Ion: 50 Resp: 96216
Ion Ratio Lower Upper
50 100
52 31.7 26.5 49.3

Abundance Scan 96 (2.152 min): VD079052.D\data.ms



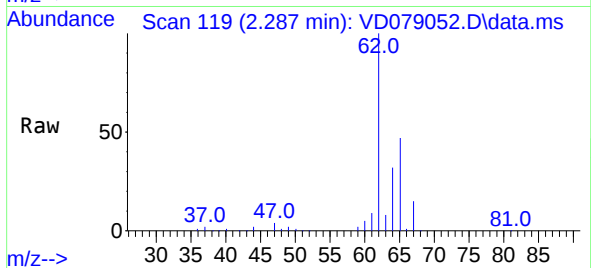
Abundance Scan 96 (2.152 min): VD079052.D\data.ms (-45)



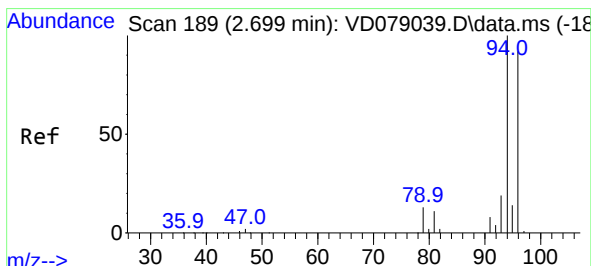
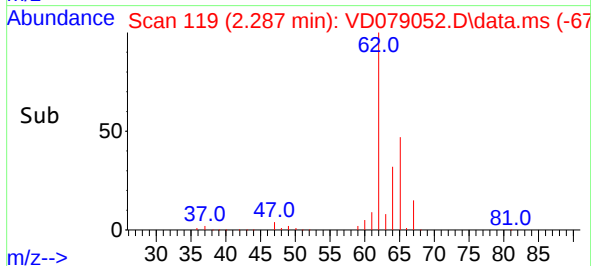
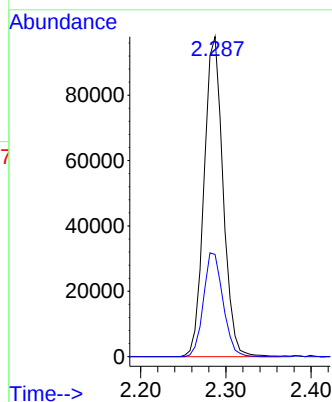


#5
Vinyl chloride
Concen: 19.317 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

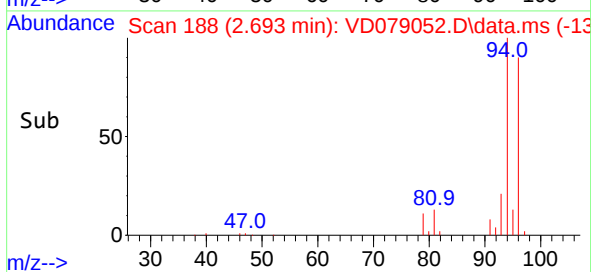
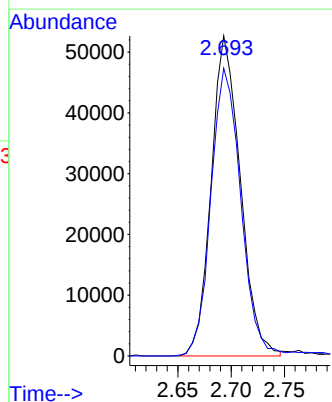
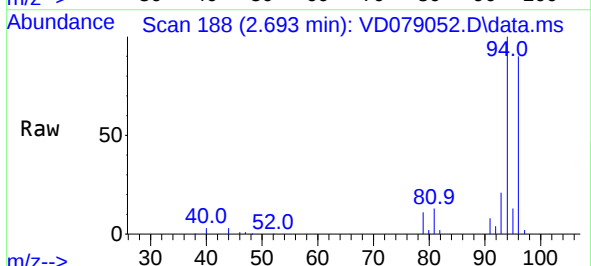


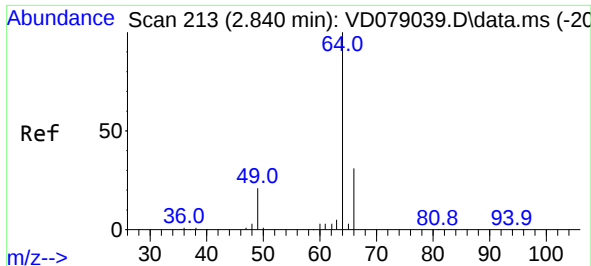
Tgt Ion: 62 Resp: 151452
Ion Ratio Lower Upper
62 100
64 31.9 22.3 41.3



#6
Bromomethane
Concen: 17.862 ug/L
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 94 Resp: 100150
Ion Ratio Lower Upper
94 100
96 89.9 69.0 128.1

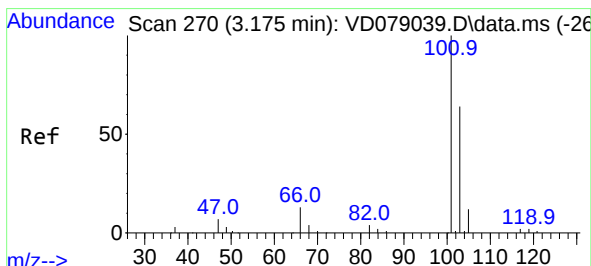
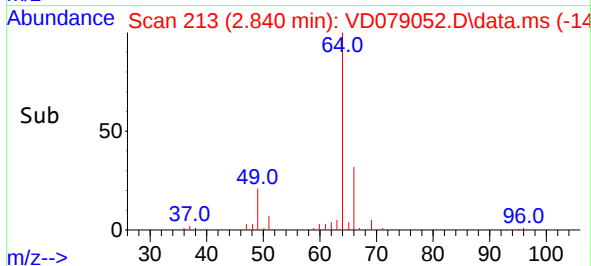
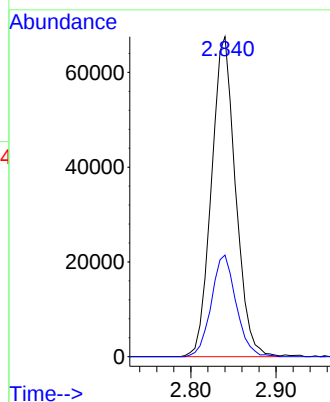
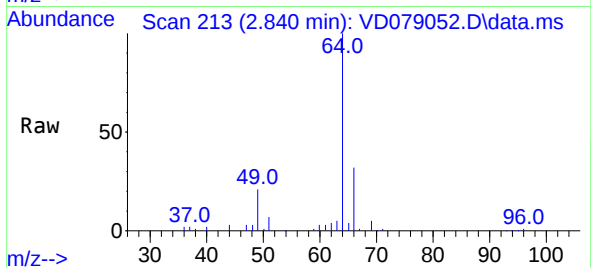




#8
Chloroethane
Concen: 21.936 ug/L
RT: 2.840 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

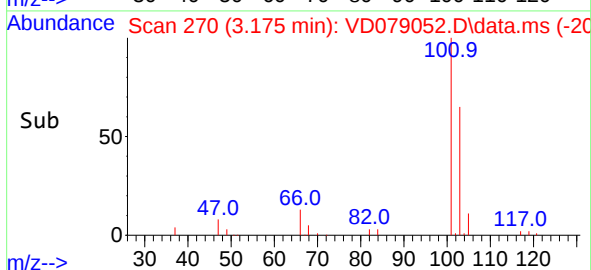
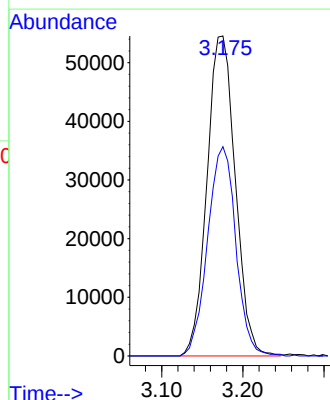
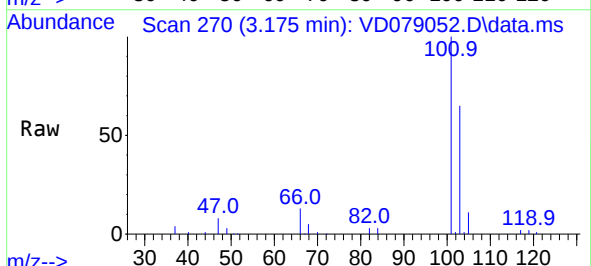
Instrument :
MSVOA_D
ClientSampleId :

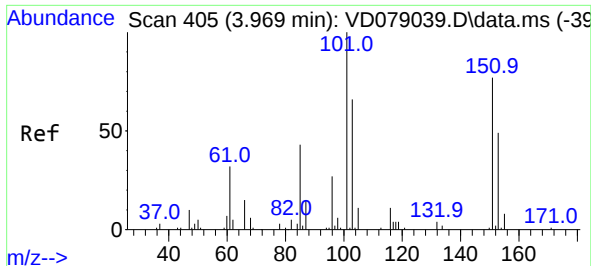
Tgt Ion: 64 Resp: 132825
Ion Ratio Lower Upper
64 100
66 31.8 21.5 39.9



#9
Trichlorofluoromethane
Concen: 21.645 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:101 Resp: 132351
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

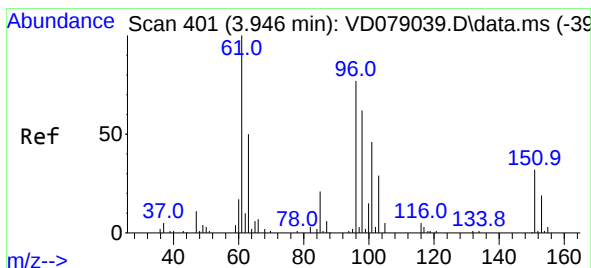
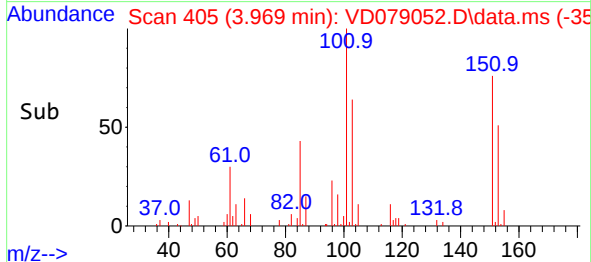
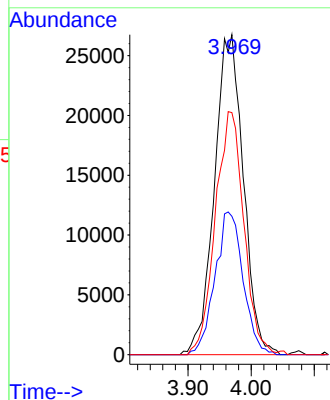
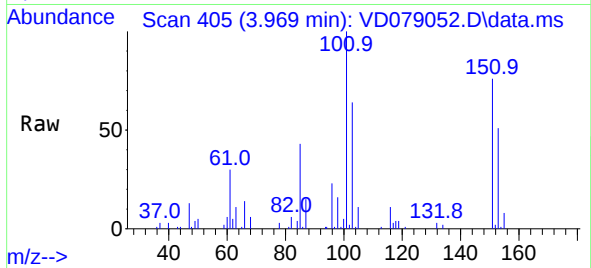




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.951 ug/L
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

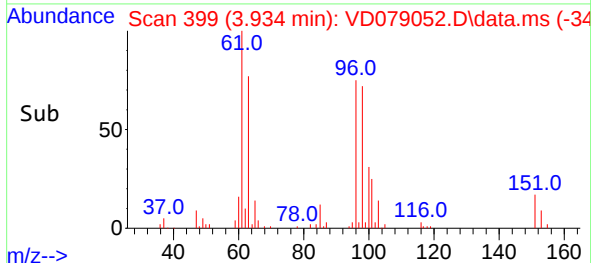
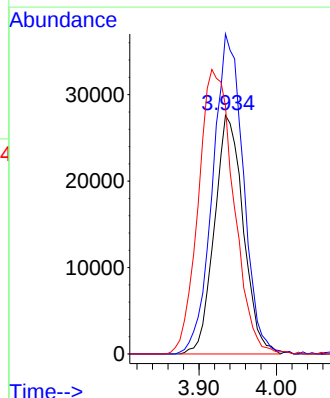
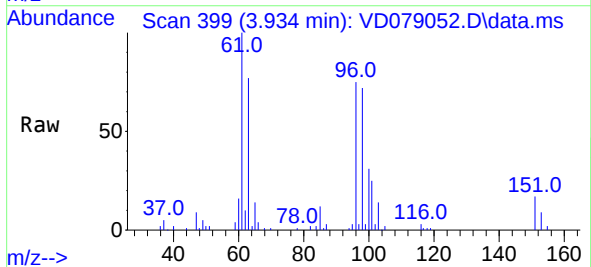
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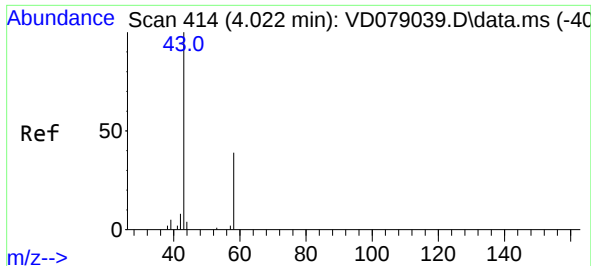
Tgt Ion:101 Resp: 85083
Ion Ratio Lower Upper
101 100
85 43.3 36.2 54.2
151 74.8 62.9 94.3



#12
1,1-Dichloroethene
Concen: 21.143 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 96 Resp: 71355
Ion Ratio Lower Upper
96 100
61 134.0 98.6 183.0
63 103.9 68.3 126.8

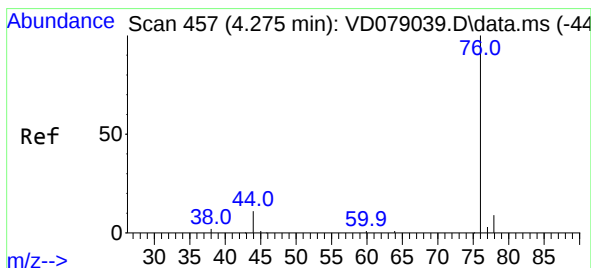
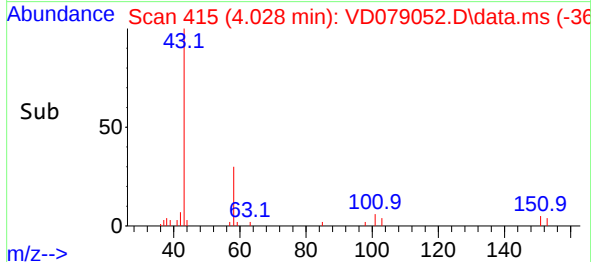
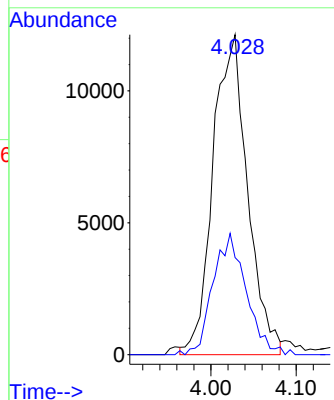
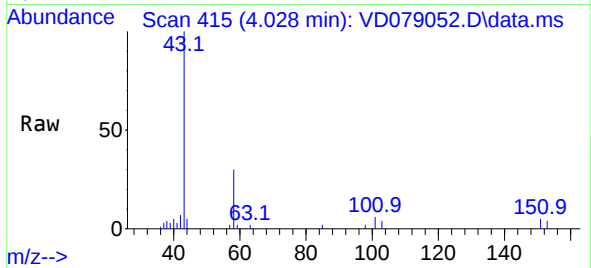




#13
Acetone
Concen: 41.756 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

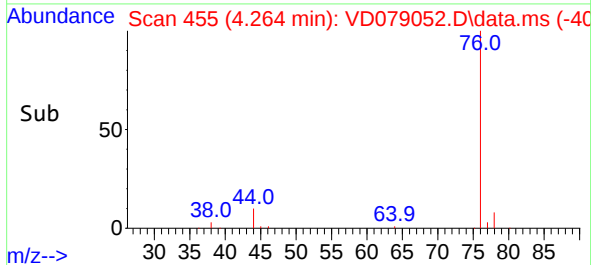
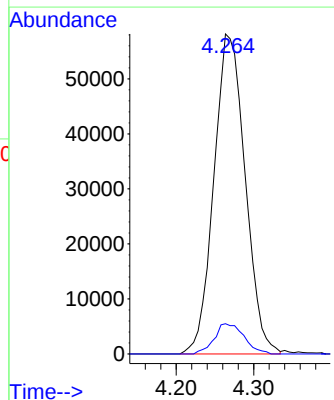
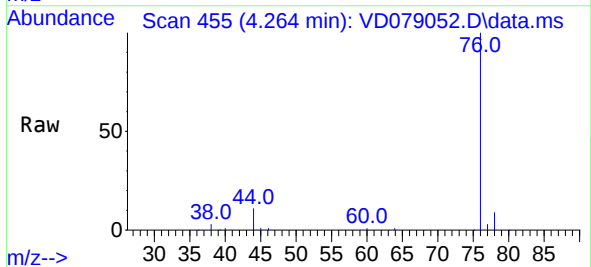
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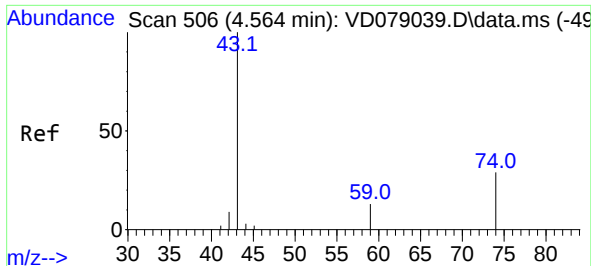
Tgt Ion: 43 Resp: 34161
Ion Ratio Lower Upper
43 100
58 35.8 0.0 75.0



#14
Carbon disulfide
Concen: 16.692 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 76 Resp: 163249
Ion Ratio Lower Upper
76 100
78 9.4 6.5 9.7

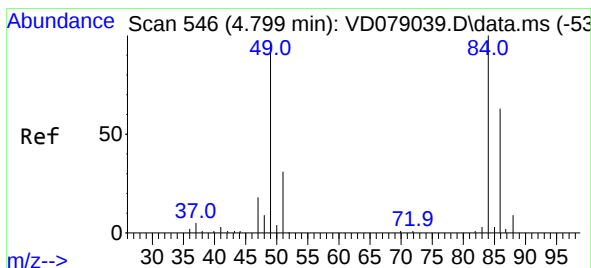
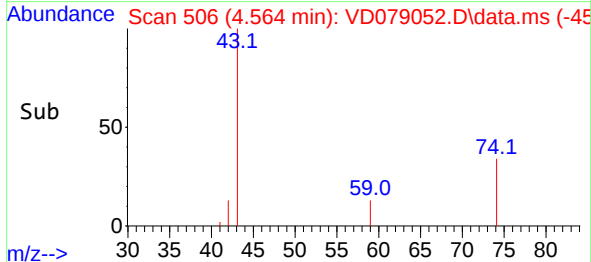
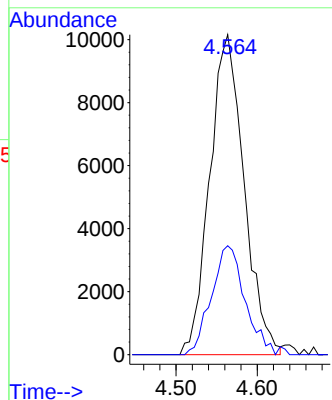
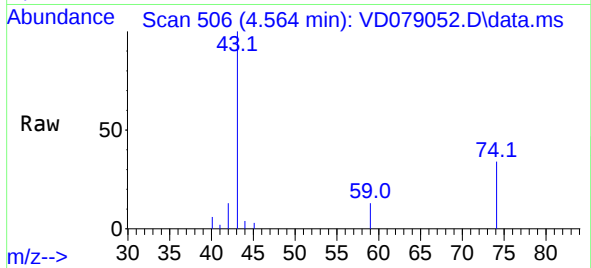




#15
Methyl Acetate
Concen: 22.495 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

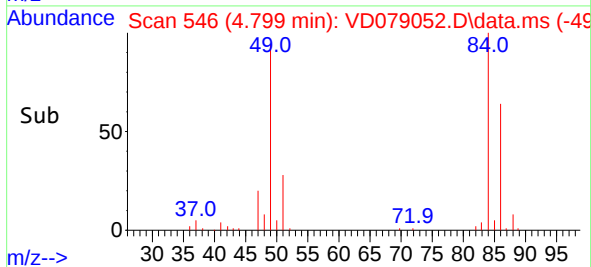
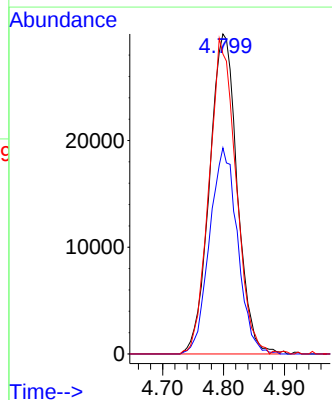
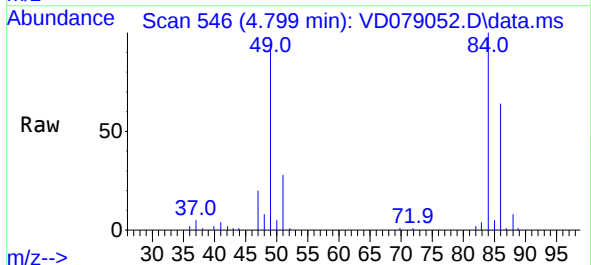
Instrument :
MSVOA_D
ClientSampleId :

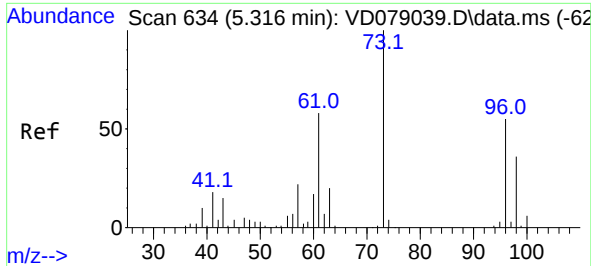
Tgt Ion:	43	74	Resp:	29902
Ion Ratio	100	33.1	Lower	Upper
		25.1		37.7



#16
Methylene chloride
Concen: 20.499 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

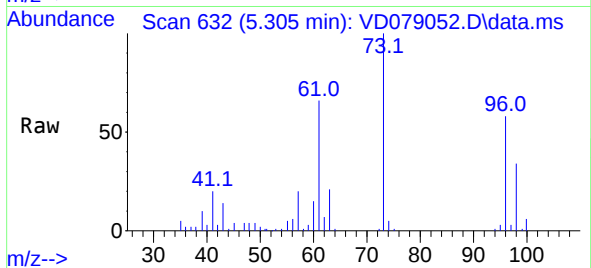
Tgt Ion:	84	49	Resp:	94775
Ion Ratio	100	64.4	Lower	Upper
		93.7		119.0



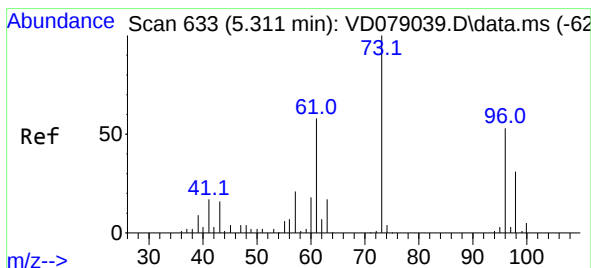
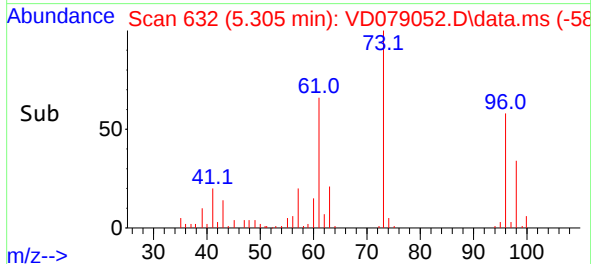
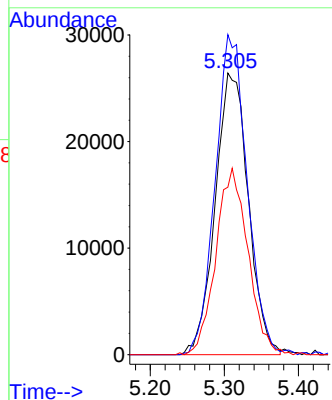


#17
trans-1,2-Dichloroethene
Concen: 23.864 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

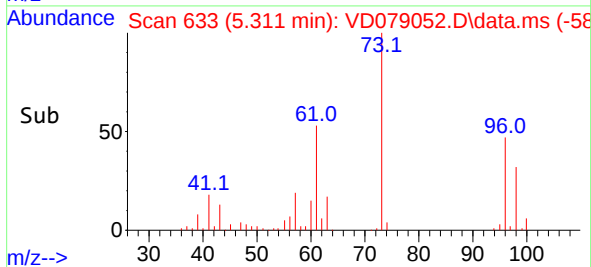
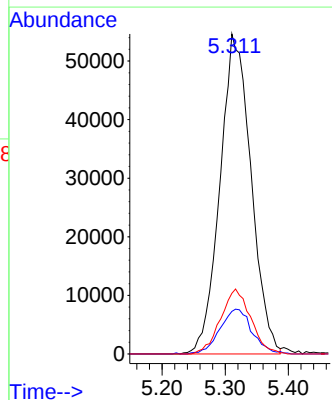
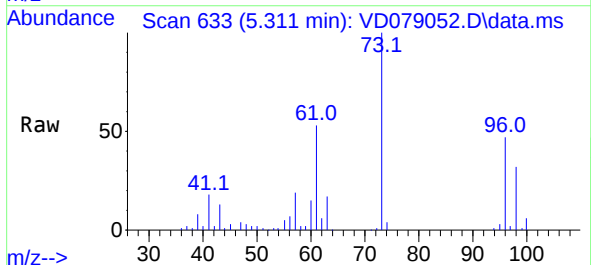


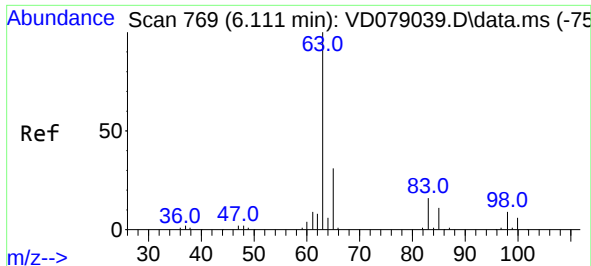
Tgt Ion: 96 Resp: 82004
Ion Ratio Lower Upper
96 100
61 113.6 75.5 140.1
98 59.5 39.1 72.7



#18
Methyl tert-butyl Ether
Concen: 25.507 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 73 Resp: 186749
Ion Ratio Lower Upper
73 100
43 13.2 6.7 10.1#
57 19.7 16.8 25.2

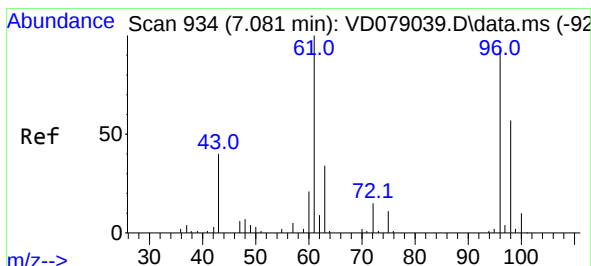
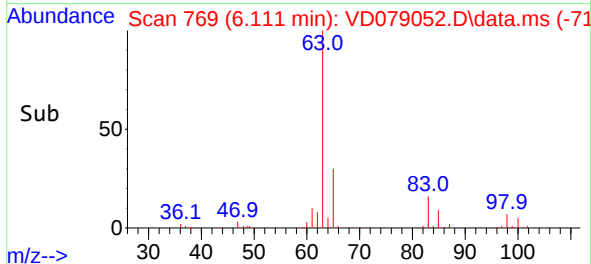
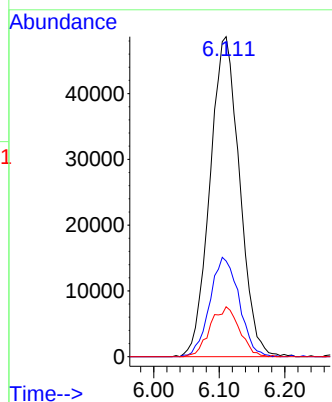
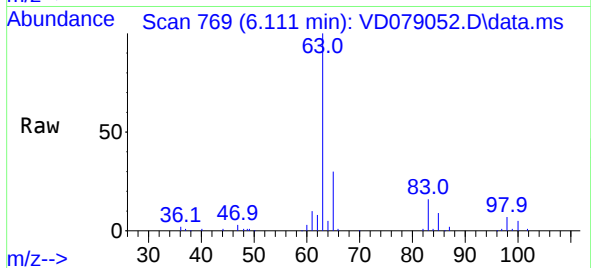




#19
1,1-Dichloroethane
Concen: 26.380 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

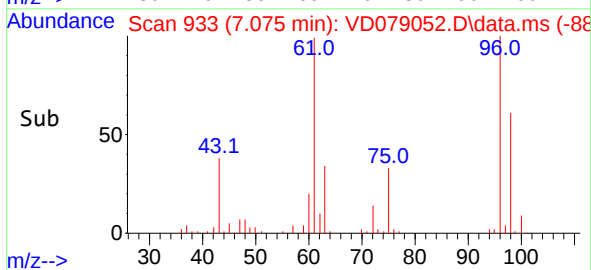
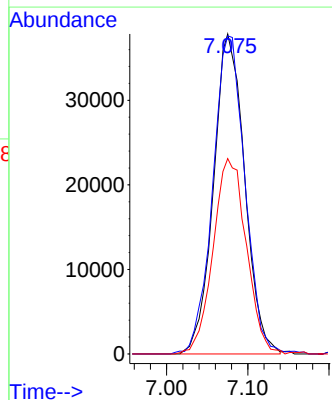
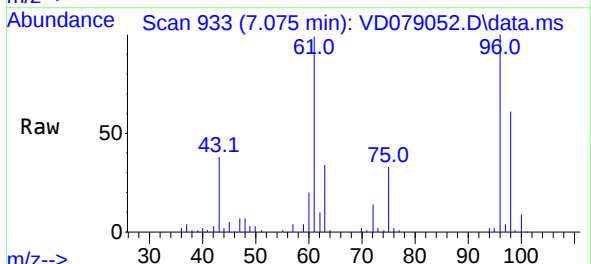
Instrument :
MSVOA_D
ClientSampleId :

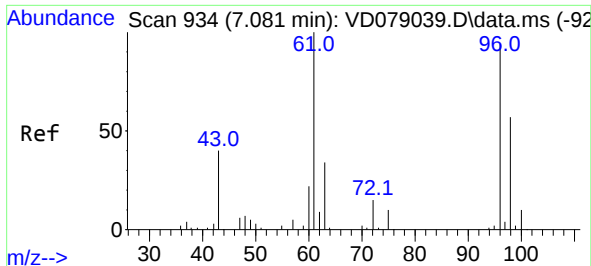
Tgt Ion: 63 Resp: 152261
Ion Ratio Lower Upper
63 100
65 29.9 23.5 43.7
83 15.6 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 25.713 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 96 Resp: 100784
Ion Ratio Lower Upper
96 100
61 99.4 71.6 133.0
98 61.1 40.1 74.5

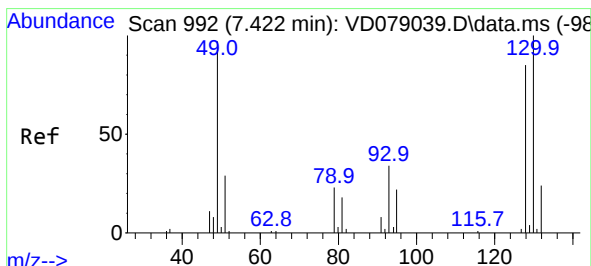
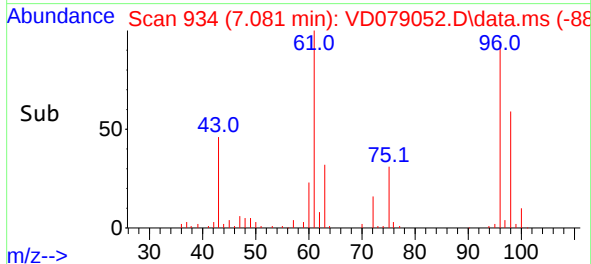
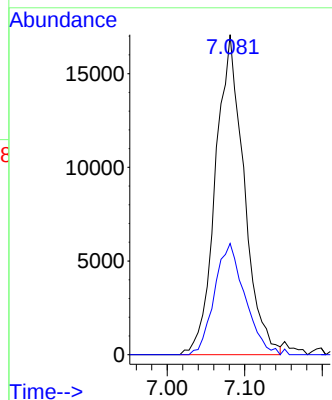
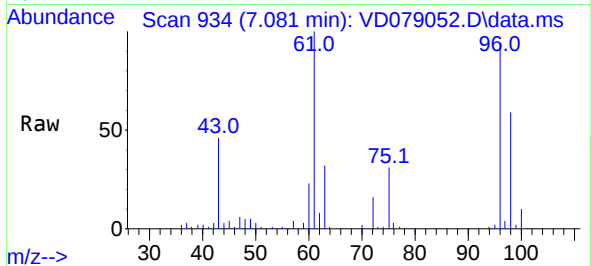




#22
2-Butanone
Concen: 46.485 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

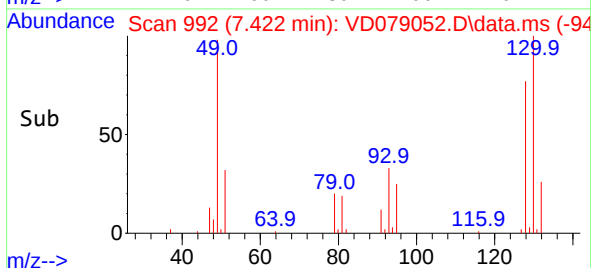
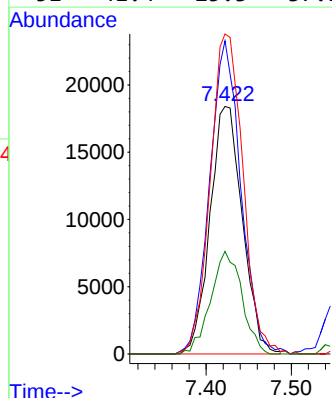
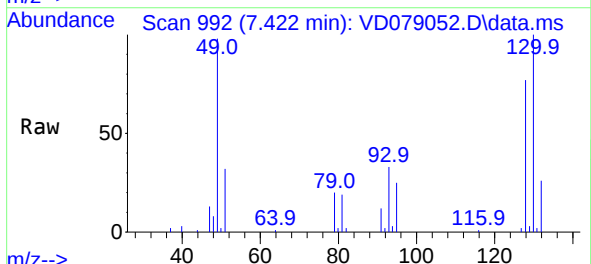
Instrument :
MSVOA_D
ClientSampleId :

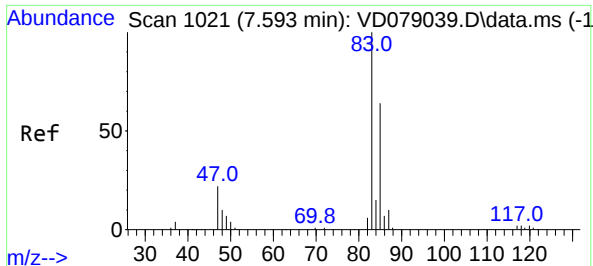
Tgt Ion: 43 Resp: 43724
Ion Ratio Lower Upper
43 100
72 36.7 17.1 51.2



#23
Bromochloromethane
Concen: 24.772 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:128 Resp: 48517
Ion Ratio Lower Upper
128 100
49 126.5 77.3 143.5
130 129.2 83.4 154.8
51 41.4 25.3 37.9#

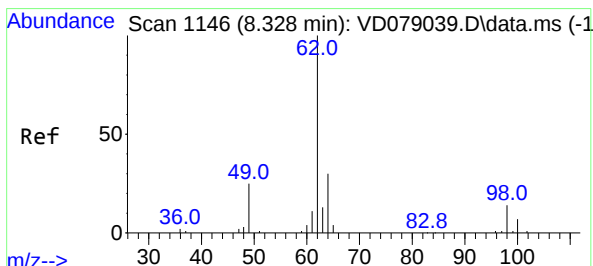
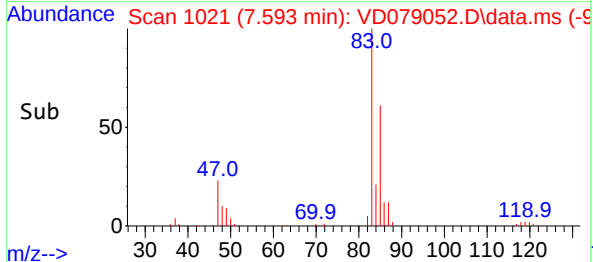
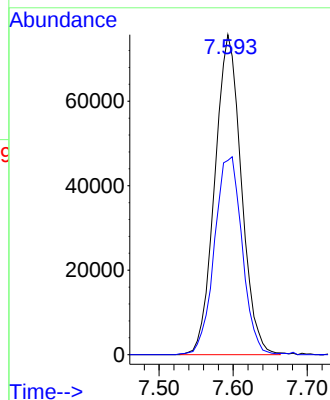
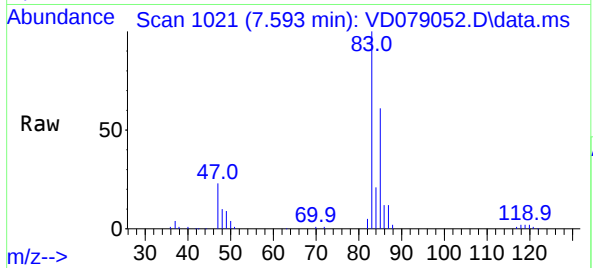




#25
Chloroform
Concen: 27.170 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

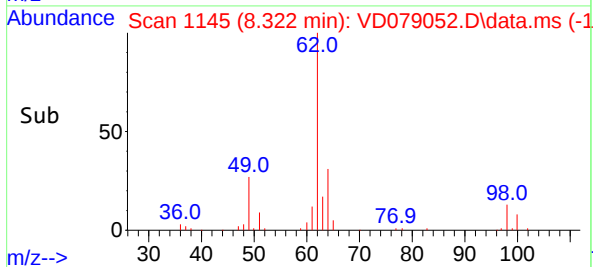
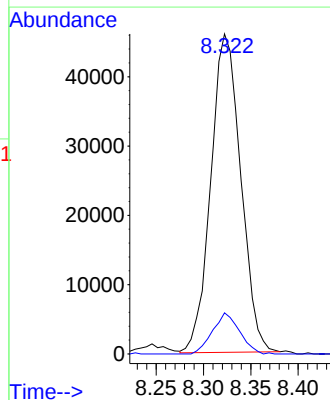
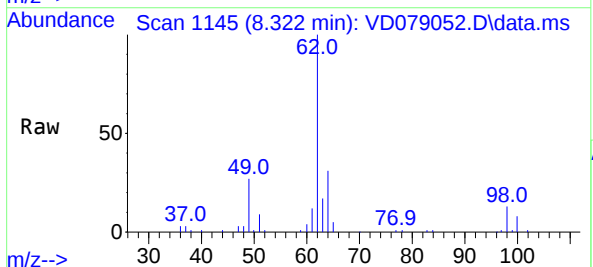
Instrument :
MSVOA_D
ClientSampleId :

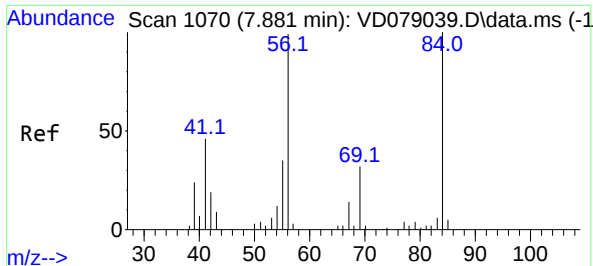
Tgt Ion: 83 Resp: 188496
Ion Ratio Lower Upper
83 100
85 60.7 41.8 77.6



#27
1,2-Dichloroethane
Concen: 25.168 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 62 Resp: 101130
Ion Ratio Lower Upper
62 100
98 12.8 10.2 15.4





#29

Cyclohexane

Concen: 22.072 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079052.D

Acq: 28 May 2024 16:39

Instrument :

MSVOA_D

ClientSampleId :

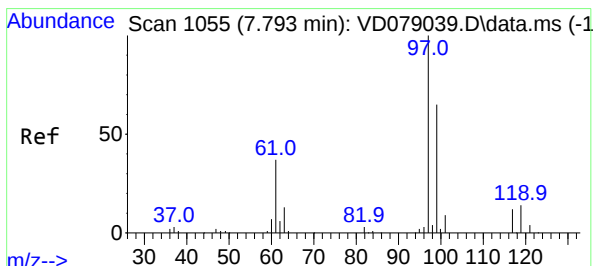
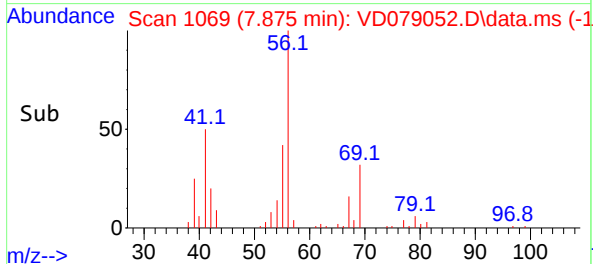
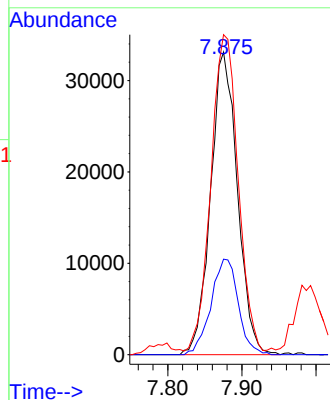
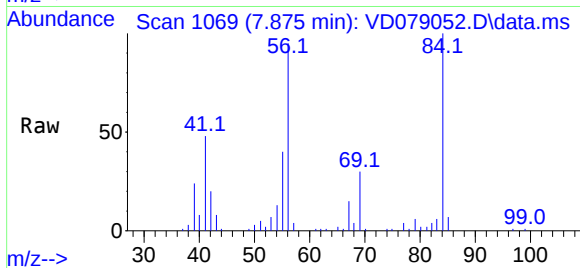
Tgt Ion: 56 Resp: 83135

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

84 108.7 83.4 125.2



#30

1,1,1-Trichloroethane

Concen: 26.426 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079052.D

Acq: 28 May 2024 16:39

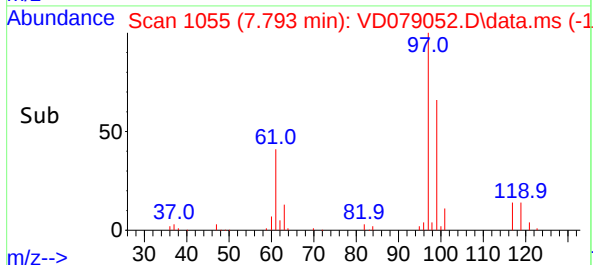
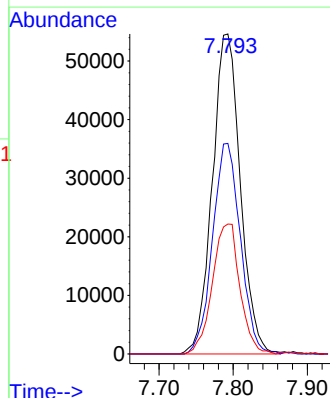
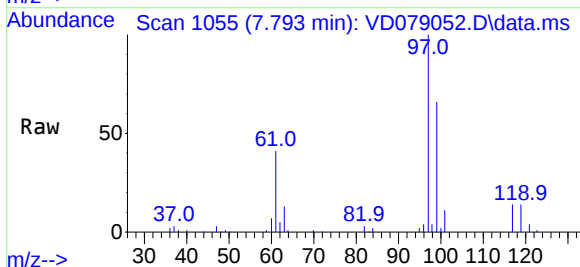
Tgt Ion: 97 Resp: 143283

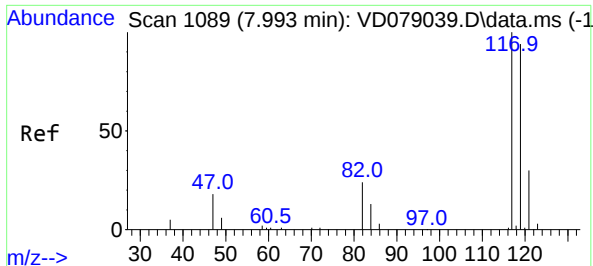
Ion Ratio Lower Upper

97 100

99 65.3 52.6 78.8

61 40.0 32.6 48.8

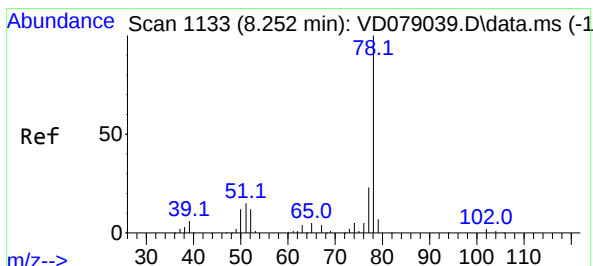
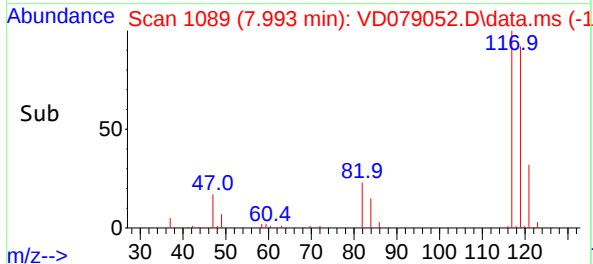
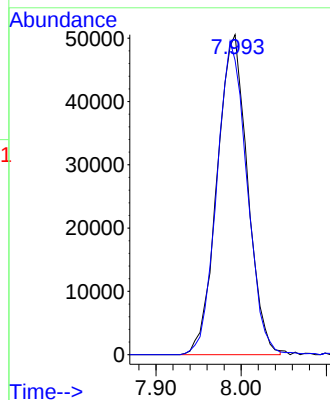
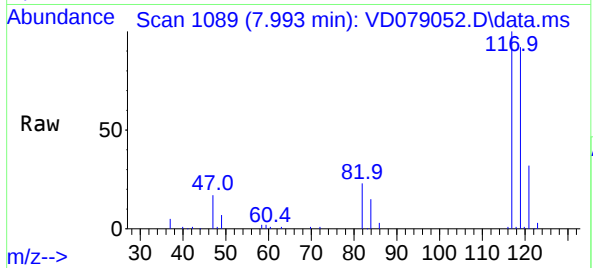




#31
Carbon tetrachloride
Concen: 25.103 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

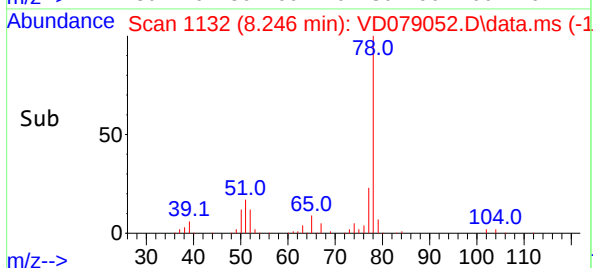
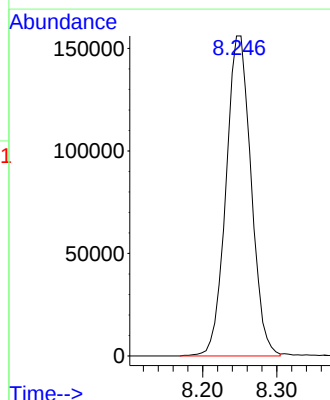
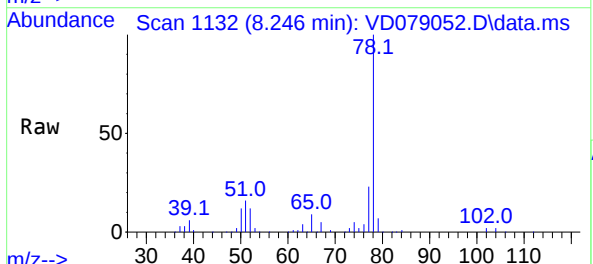
Instrument :
MSVOA_D
ClientSampleId :

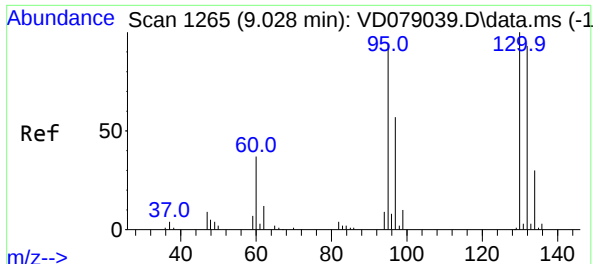
Tgt Ion:117 Resp: 125324
Ion Ratio Lower Upper
117 100
119 97.0 77.7 116.5



#33
Benzene
Concen: 27.299 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 78 Resp: 366712

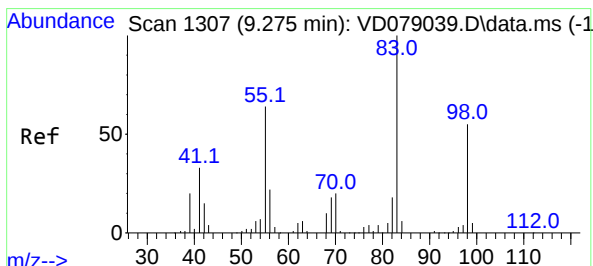
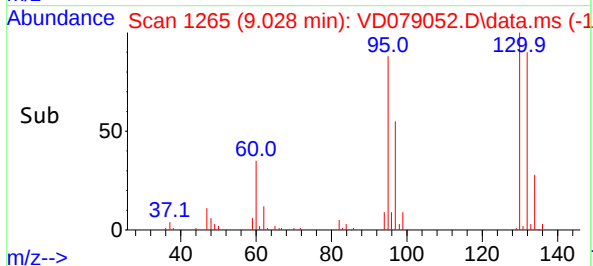
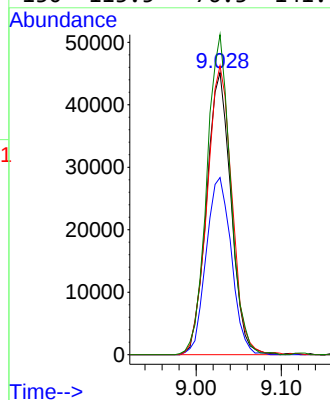
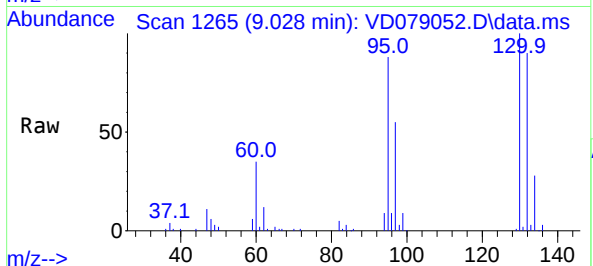




#34
Trichloroethene
Concen: 25.916 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

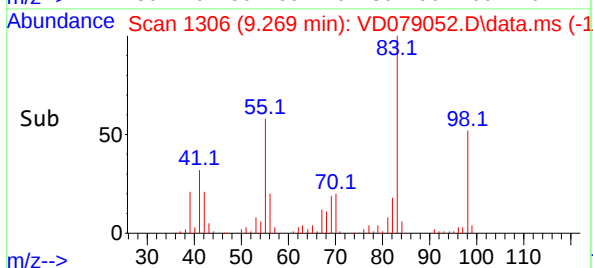
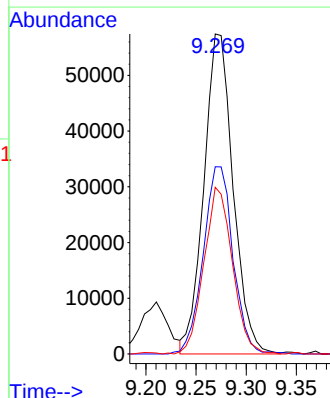
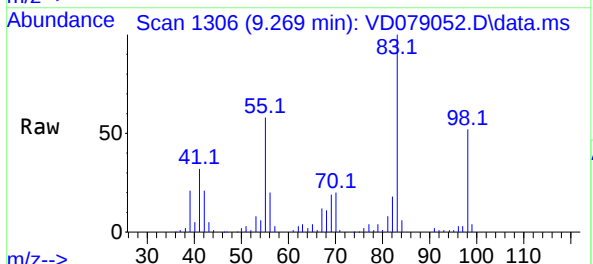
Instrument :
MSVOA_D
ClientSampleId :

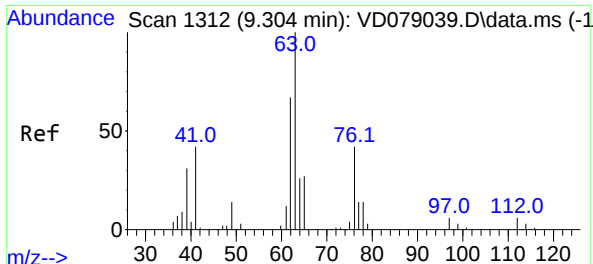
Tgt Ion: 95 Resp: 89690
Ion Ratio Lower Upper
95 100
97 62.8 42.6 79.2
132 102.5 69.5 129.1
130 113.5 76.3 141.7



#35
Methylcyclohexane
Concen: 22.406 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 83 Resp: 116578
Ion Ratio Lower Upper
83 100
55 59.3 49.0 73.6
98 50.8 40.1 60.1

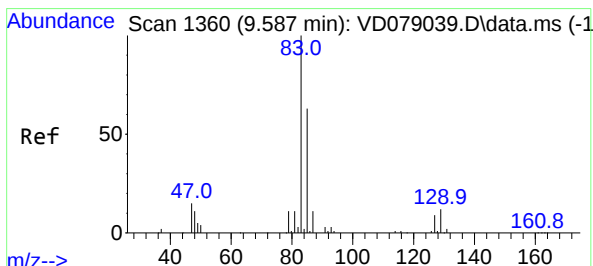
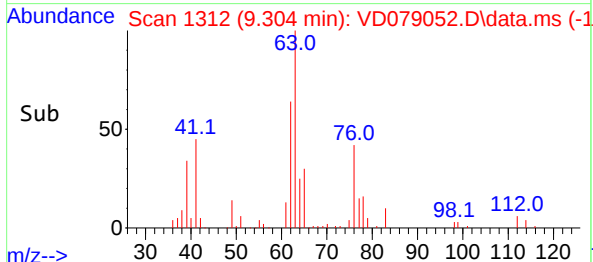
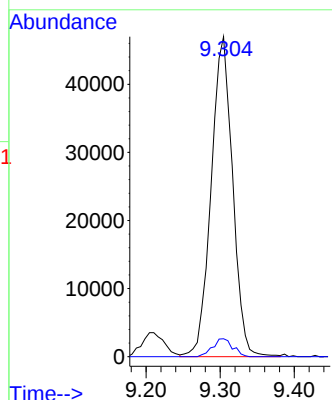
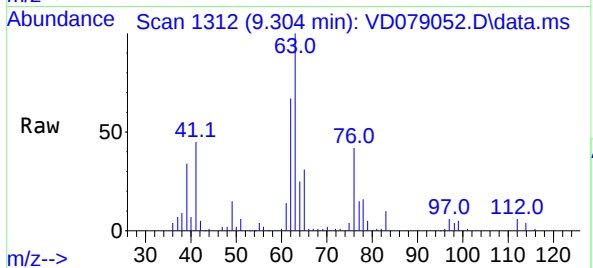




#37
1,2-Dichloropropane
Concen: 27.811 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

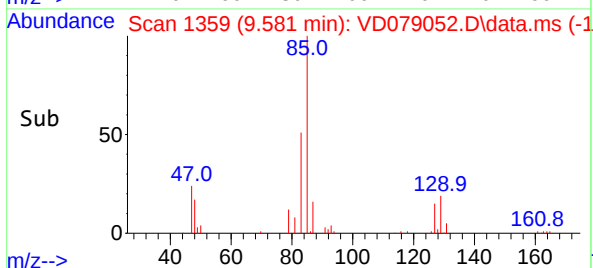
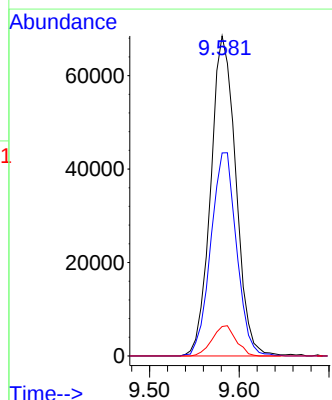
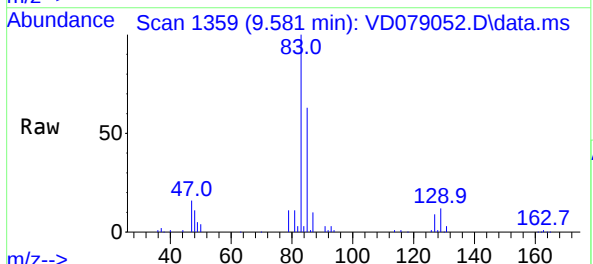
Instrument :
MSVOA_D
ClientSampleId :

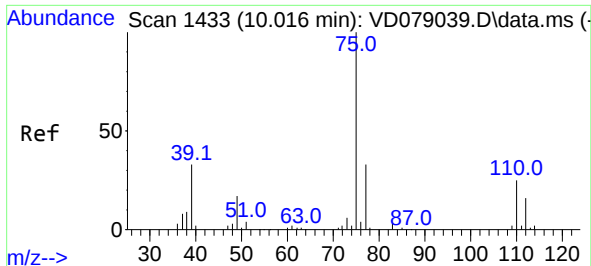
Tgt Ion: 63 Resp: 94680
Ion Ratio Lower Upper
63 100
112 5.3 4.1 6.1



#38
Bromodichloromethane
Concen: 27.666 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

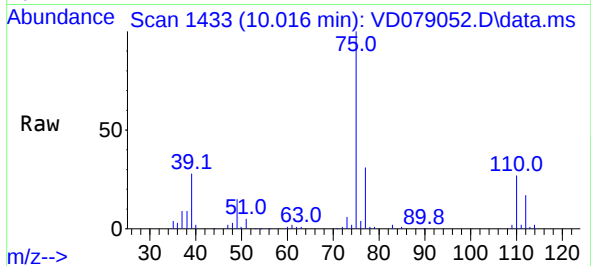
Tgt Ion: 83 Resp: 133184
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.4
127 9.2 7.6 11.4



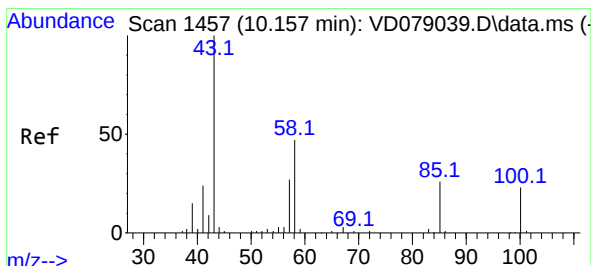
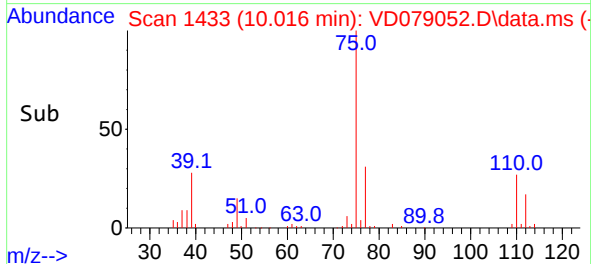
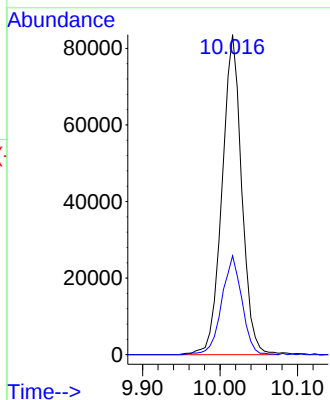


#39
cis-1,3-Dichloropropene
Concen: 27.617 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

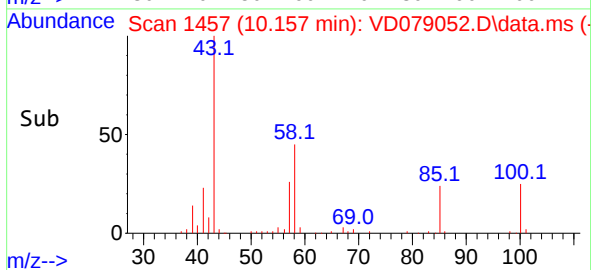
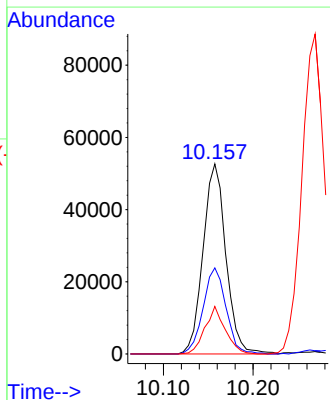
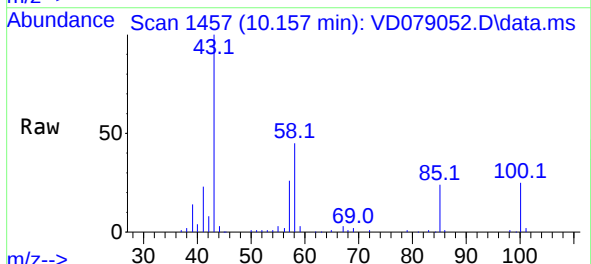


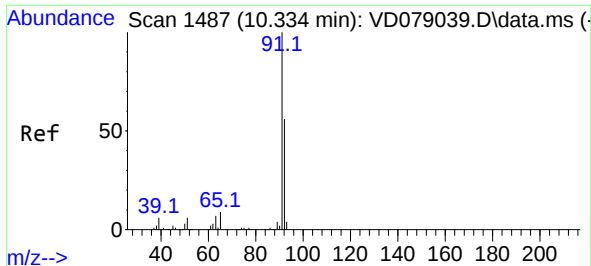
Tgt Ion: 75 Resp: 147490
Ion Ratio Lower Upper
75 100
77 30.9 20.0 37.2



#40
4-Methyl-2-pentanone
Concen: 54.228 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 43 Resp: 93251
Ion Ratio Lower Upper
43 100
58 45.3 38.0 57.0
100 22.2 17.3 25.9

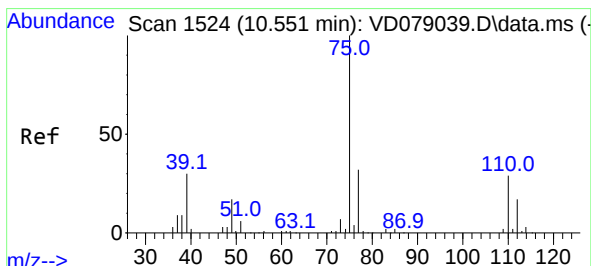
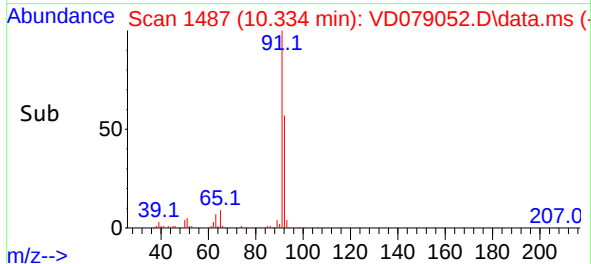
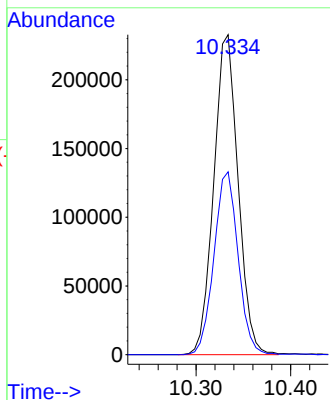
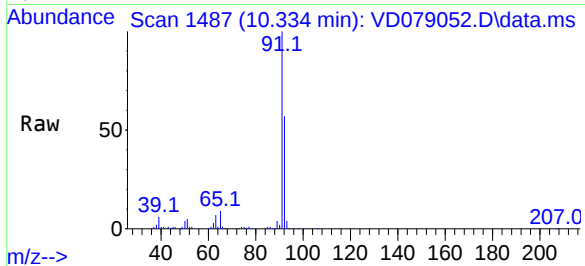




#42
Toluene
Concen: 28.122 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

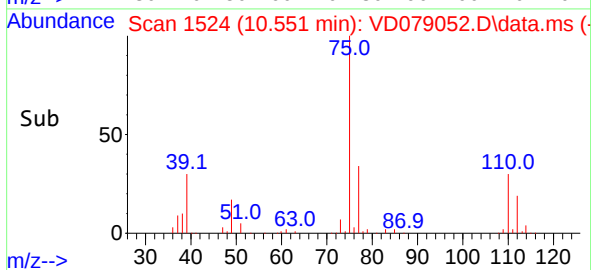
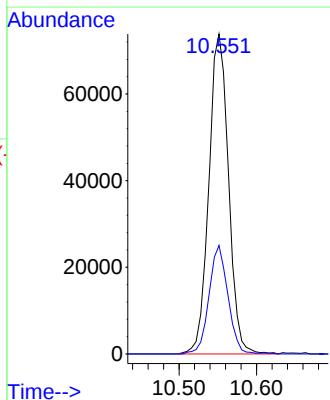
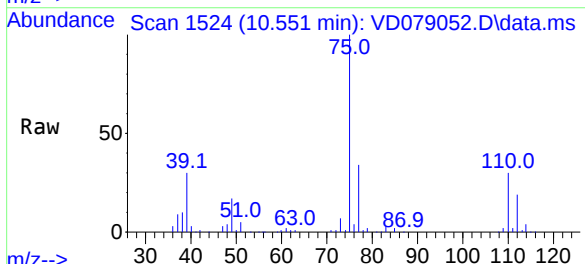
Instrument :
MSVOA_D
ClientSampleId :

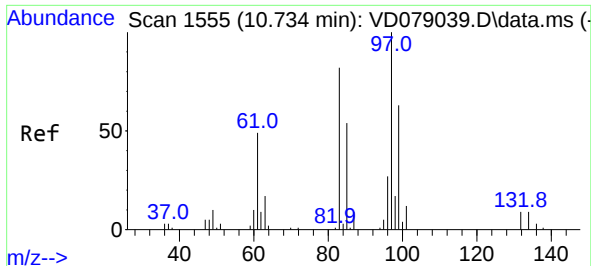
Tgt Ion: 91 Resp: 415341
Ion Ratio Lower Upper
91 100
92 57.2 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 27.566 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion: 75 Resp: 130148
Ion Ratio Lower Upper
75 100
77 33.9 21.8 40.4

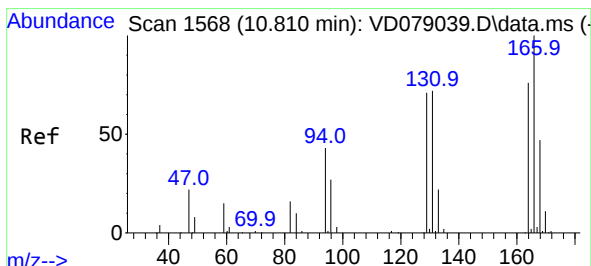
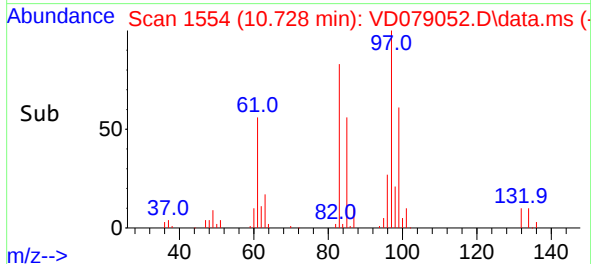
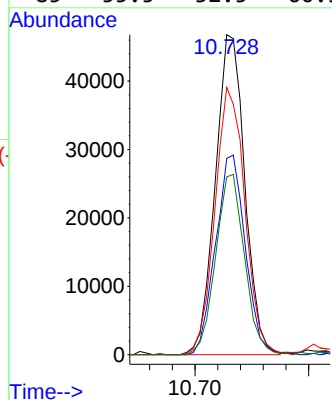
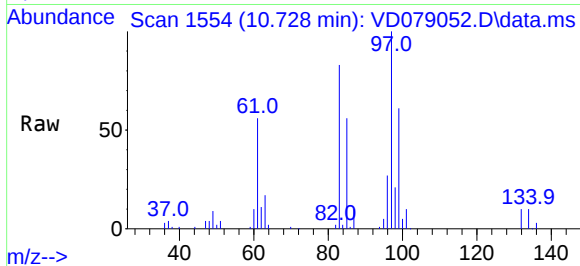




#45
1,1,2-Trichloroethane
Concen: 27.092 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

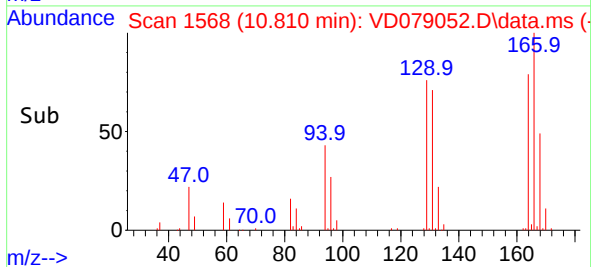
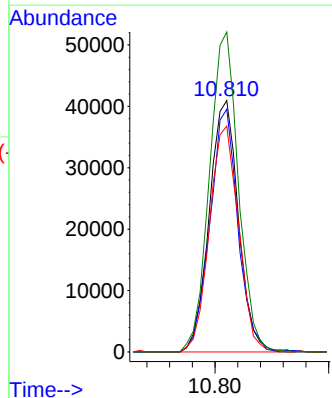
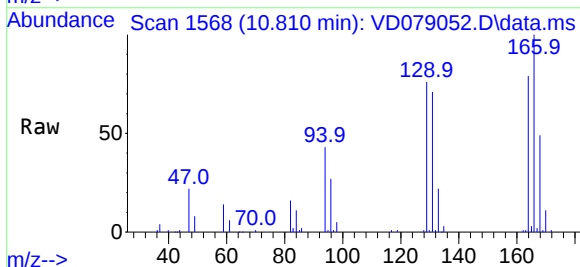
Instrument :
MSVOA_D
ClientSampleId :

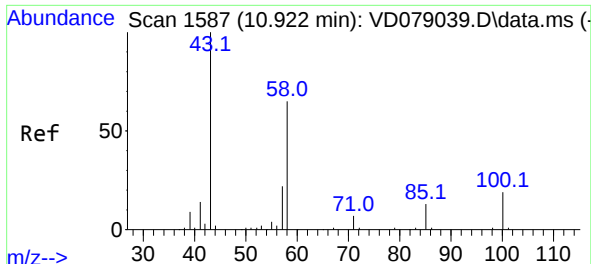
Tgt Ion: 97	Resp: 84337
Ion Ratio	Lower Upper
97 100	
99 61.4	39.1 72.7
83 83.5	54.6 101.4
85 55.5	32.5 60.3



#46
Tetrachloroethene
Concen: 24.423 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

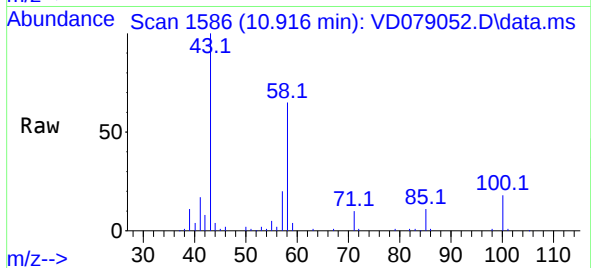
Tgt	Ion:164	Resp:	72722
Ion	Ratio	Lower	Upper
164	100		
129	96.6	63.3	117.7
131	89.9	60.8	112.8
166	127.3	83.7	155.4



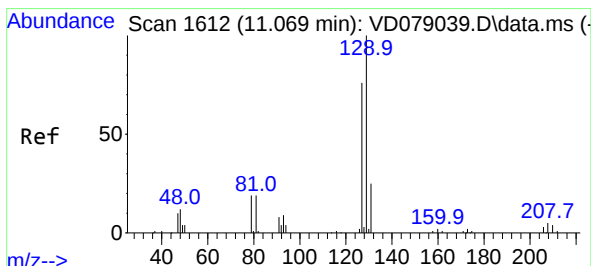
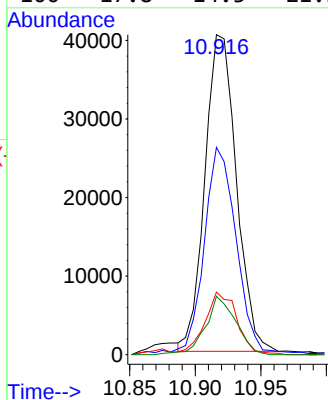
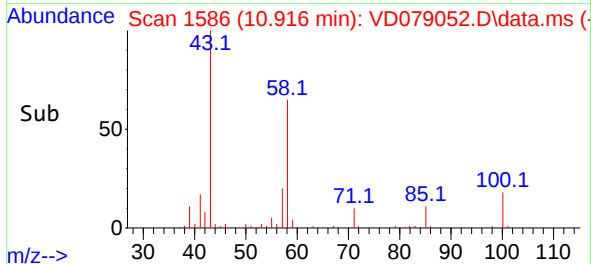


#48
2-Hexanone
Concen: 50.596 ug/L
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

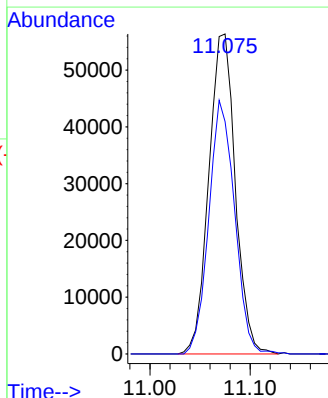
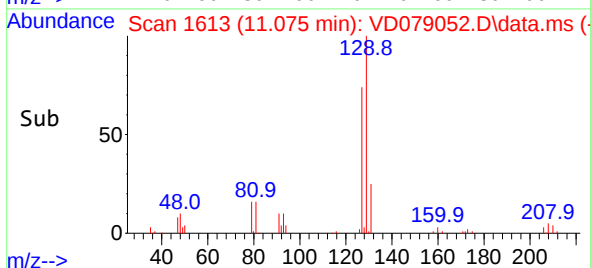
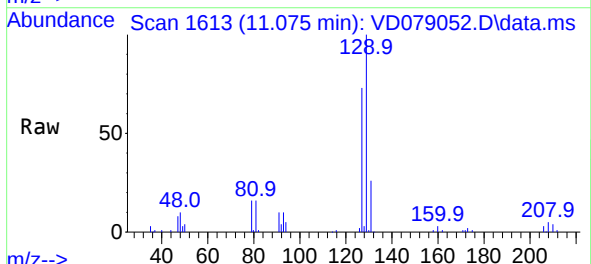


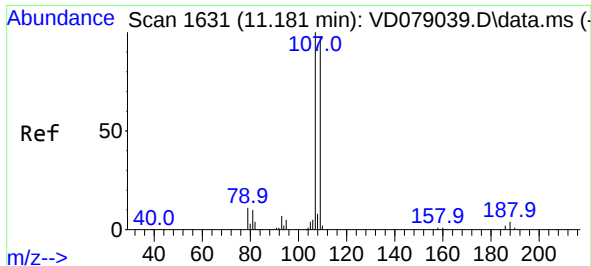
Tgt Ion: 43	Resp: 67447
Ion Ratio	Lower Upper
43 100	
58 65.3	53.4 80.2
57 20.2	17.0 25.4
100 17.8	14.3 21.5



#49
Dibromochloromethane
Concen: 27.346 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:129	Resp: 103494
Ion Ratio	Lower Upper
129 100	
127 72.6	54.8 101.8





#50

1,2-Dibromoethane

Concen: 26.270 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

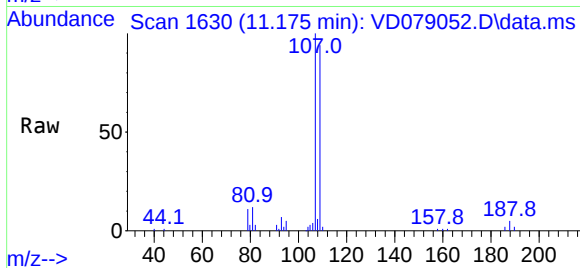
Lab File: VD079052.D

Acq: 28 May 2024 16:39

Instrument :

MSVOA_D

ClientSampleId :



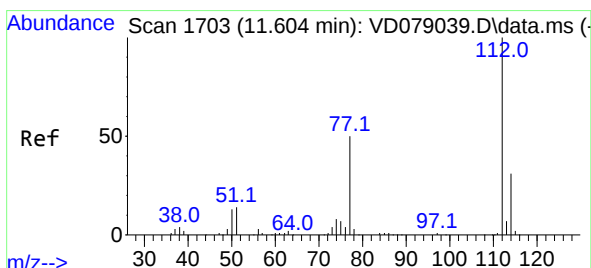
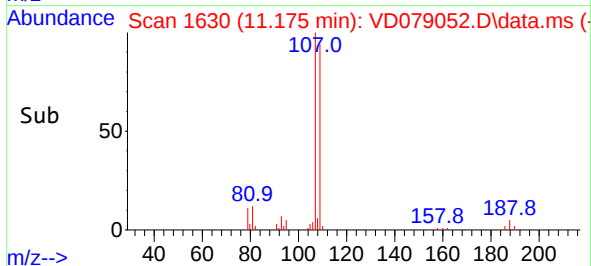
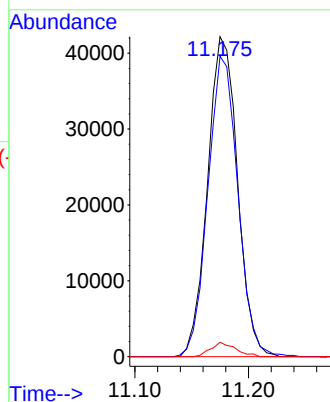
Tgt Ion:107 Resp: 77250

Ion Ratio Lower Upper

107 100

109 93.8 67.0 124.4

188 4.5 3.4 5.2



#51

Chlorobenzene

Concen: 26.899 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079052.D

Acq: 28 May 2024 16:39

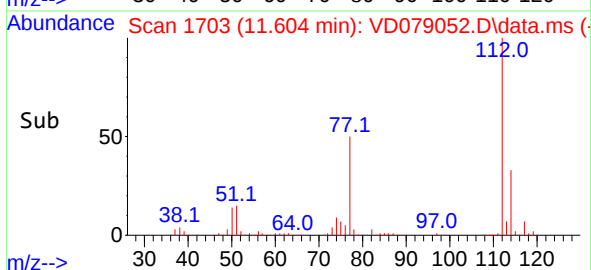
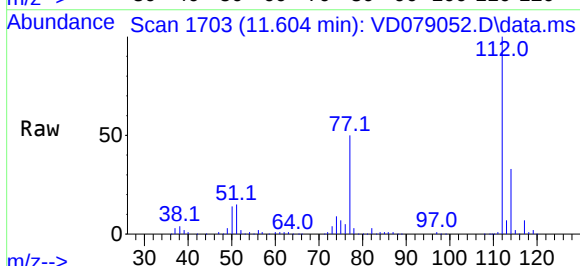
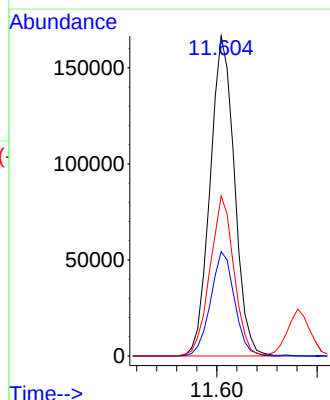
Tgt Ion:112 Resp: 280668

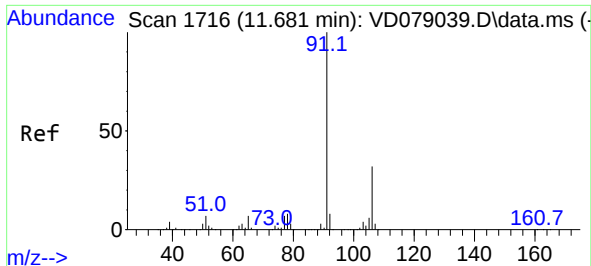
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.9

77 50.0 39.4 59.0

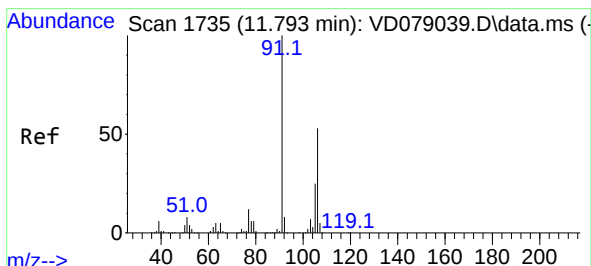
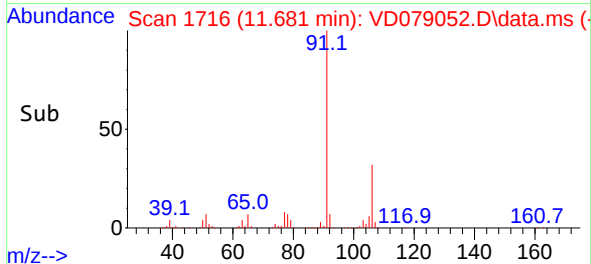
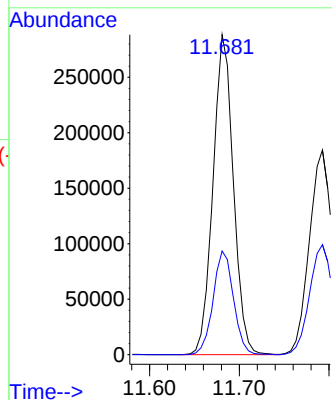
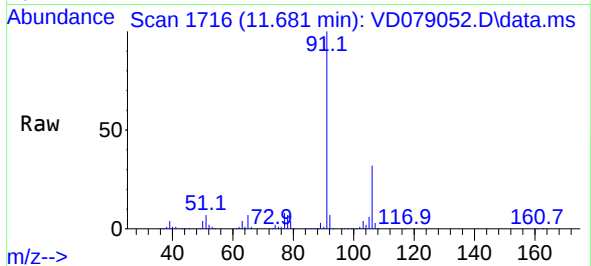




#52
Ethylbenzene
Concen: 28.514 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

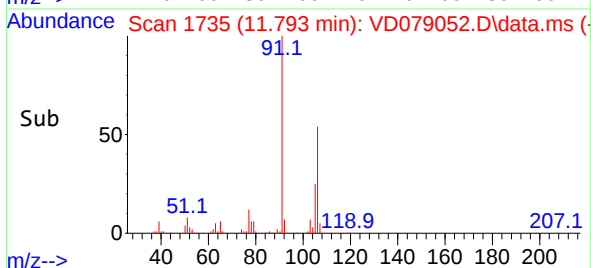
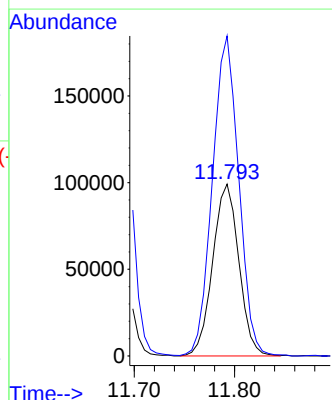
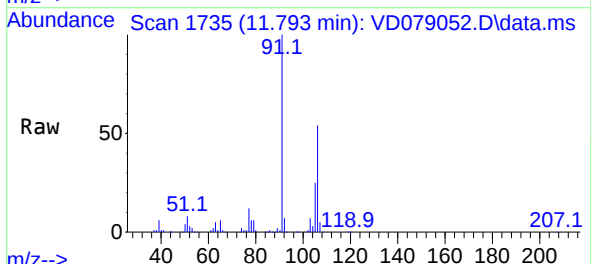
Instrument :
MSVOA_D
ClientSampleId :

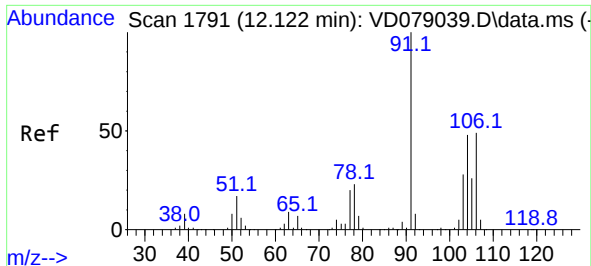
Tgt Ion: 91 Resp: 454510
Ion Ratio Lower Upper
91 100
106 32.4 21.6 40.2



#53
m,p-Xylene
Concen: 28.208 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:106 Resp: 179879
Ion Ratio Lower Upper
106 100
91 186.2 128.3 238.3

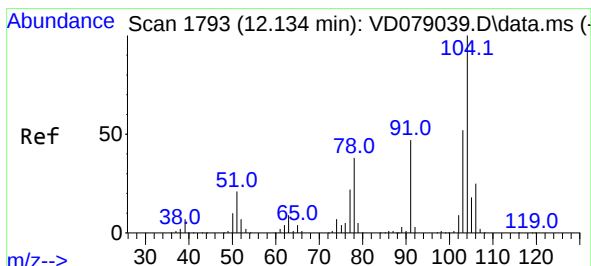
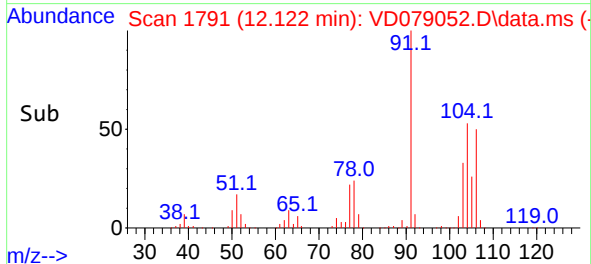
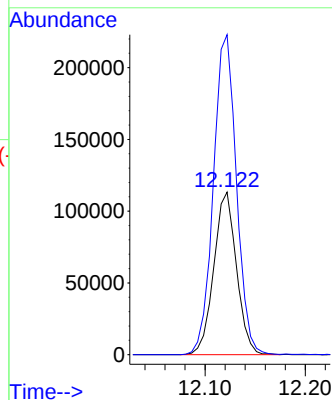
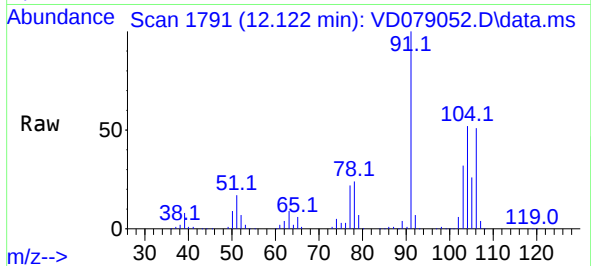




#54
o-Xylene
Concen: 28.619 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

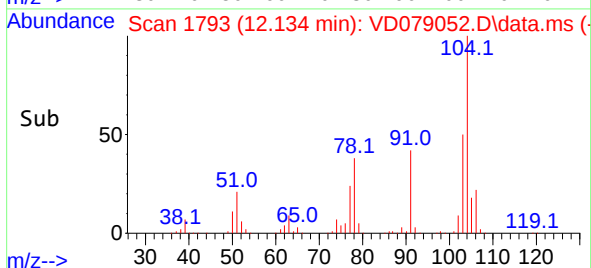
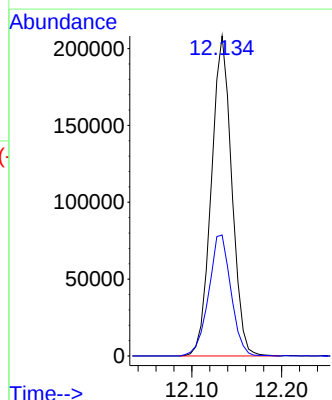
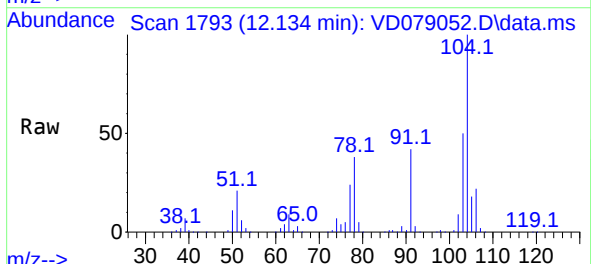
Instrument :
MSVOA_D
ClientSampleId :

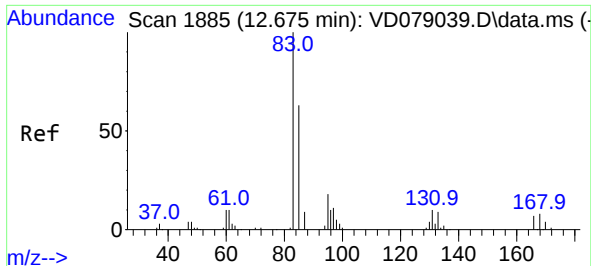
Tgt Ion:106 Resp: 177749
Ion Ratio Lower Upper
106 100
91 196.9 138.3 256.9



#55
Styrene
Concen: 29.938 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:104 Resp: 328587
Ion Ratio Lower Upper
104 100
78 37.8 27.8 51.6

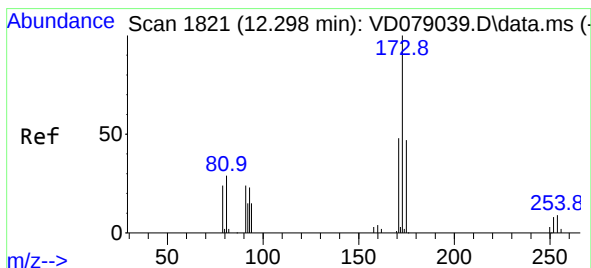
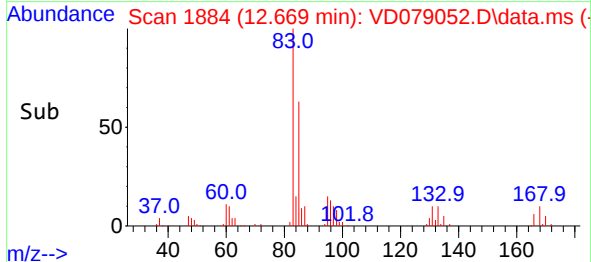
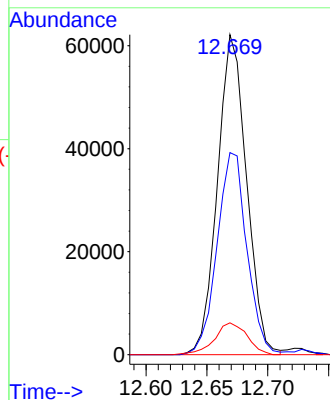
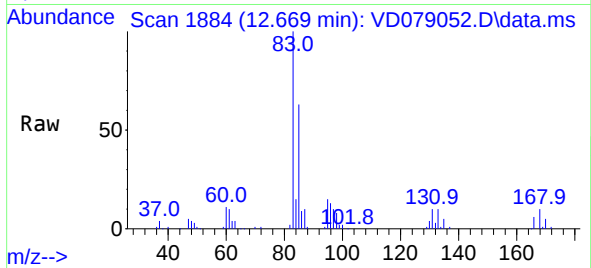




#57
1,1,2,2-Tetrachloroethane
Concen: 27.328 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

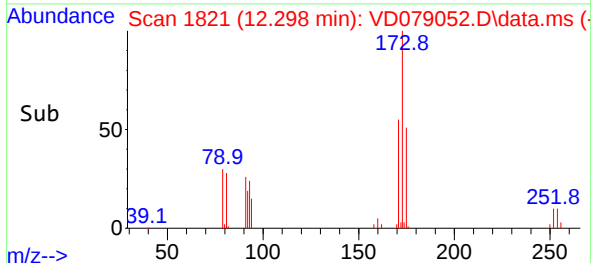
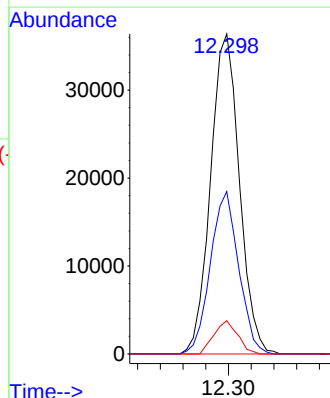
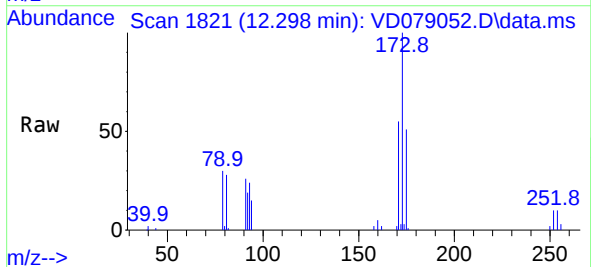
Instrument :
MSVOA_D
ClientSampleId :

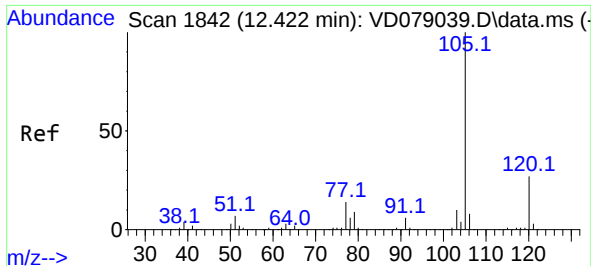
Tgt Ion: 83 Resp: 103183
Ion Ratio Lower Upper
83 100
85 63.2 44.3 82.3
131 10.0 7.5 11.3



#59
Bromoform
Concen: 27.137 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

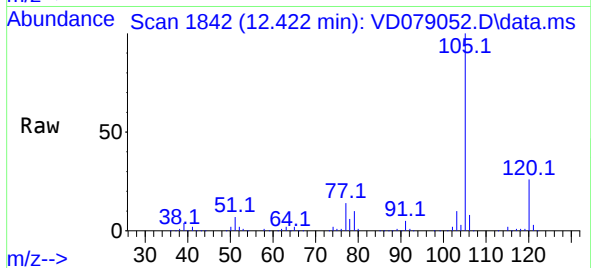
Tgt Ion:173 Resp: 64144
Ion Ratio Lower Upper
173 100
175 49.7 40.0 60.0
254 8.5 6.3 9.5



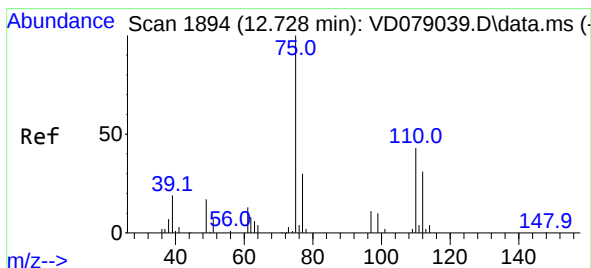
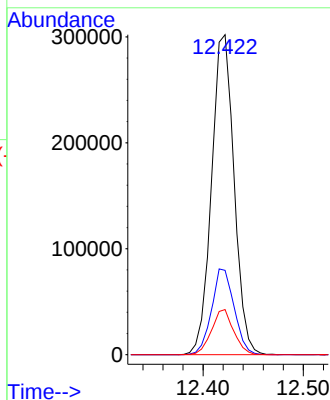
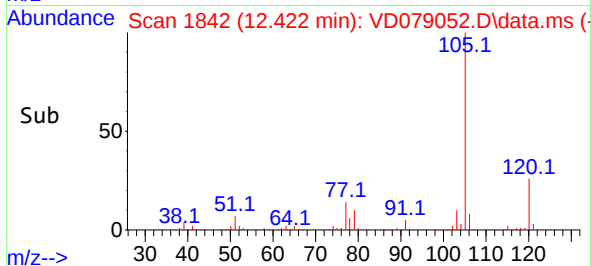


#60
Isopropylbenzene
Concen: 30.565 ug/L
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

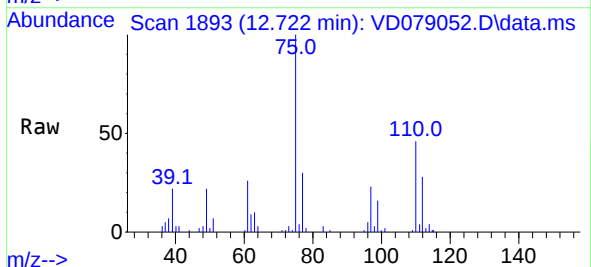
Instrument :
MSVOA_D
ClientSampleId :



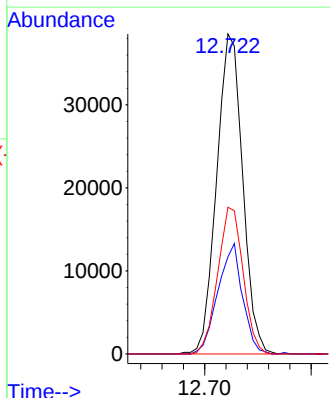
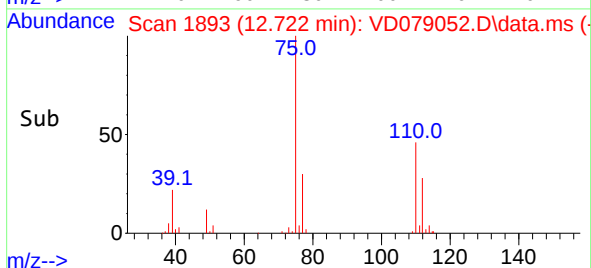
Tgt Ion:105 Resp: 471931
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 13.9 11.7 17.5

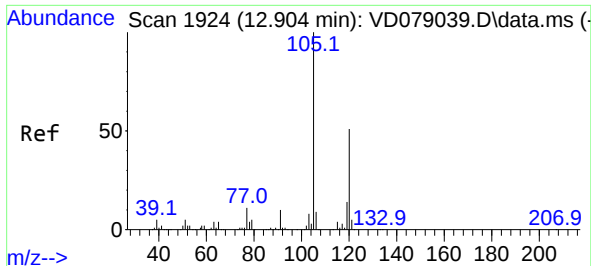


#61
1,2,3-Trichloropropane
Concen: 27.294 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39



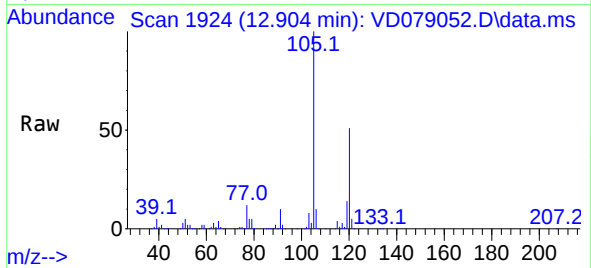
Tgt Ion: 75 Resp: 65342
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 44.8 37.1 55.7



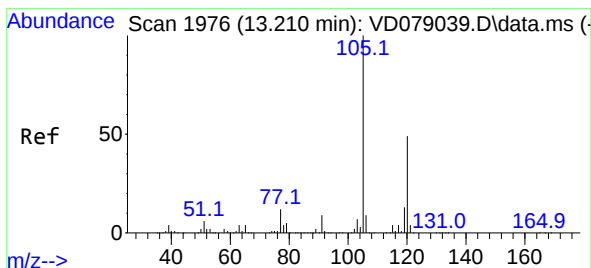
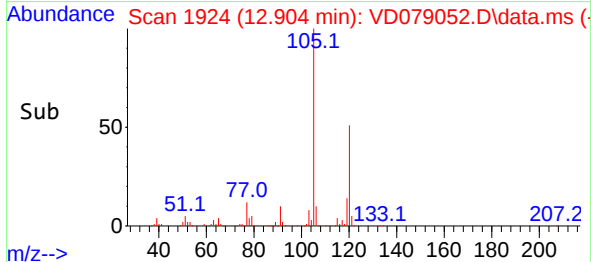
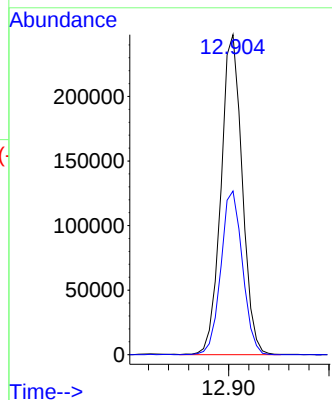


#62
1,3,5-Trimethylbenzene
Concen: 31.849 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

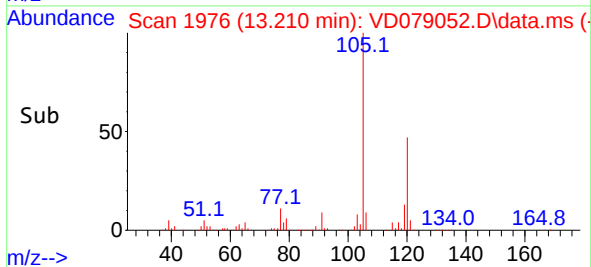
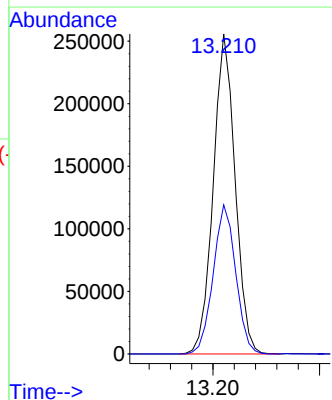
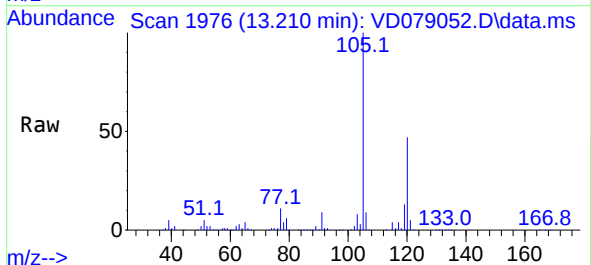


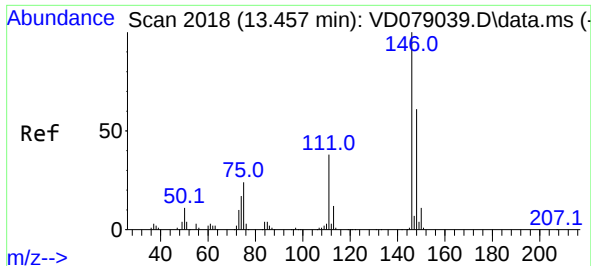
Tgt Ion:105 Resp: 363494
Ion Ratio Lower Upper
105 100
120 52.0 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 31.366 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

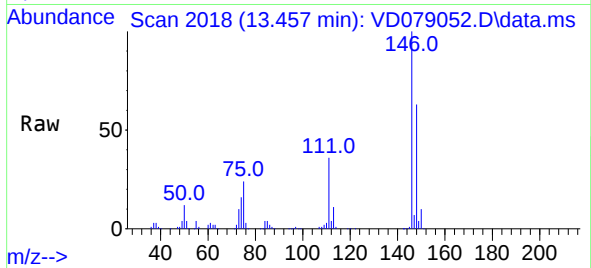
Tgt Ion:105 Resp: 363762
Ion Ratio Lower Upper
105 100
120 48.0 38.8 58.2



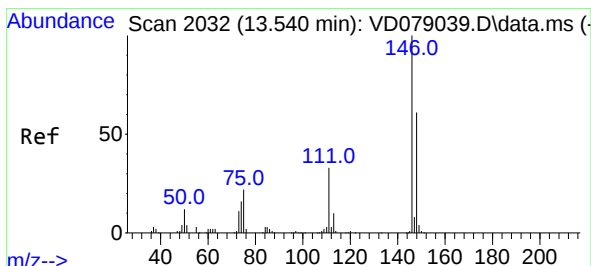
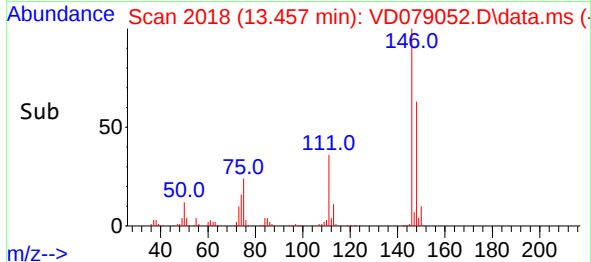
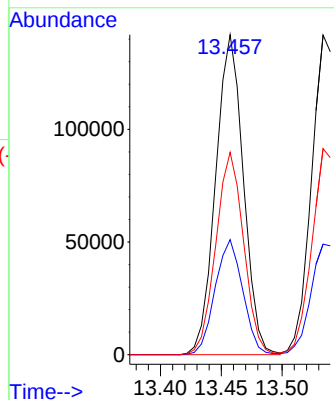


#64
1,3-Dichlorobenzene
Concen: 29.993 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

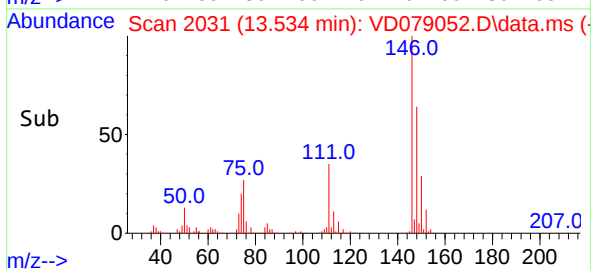
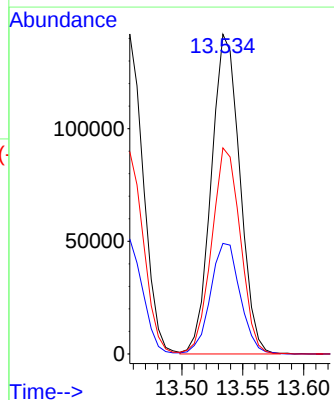
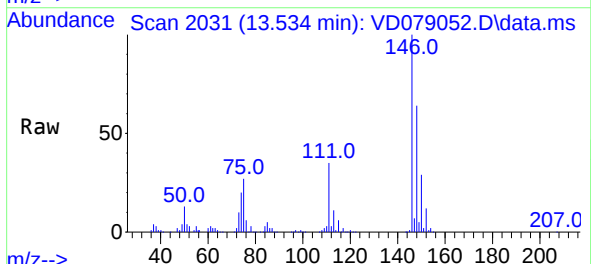


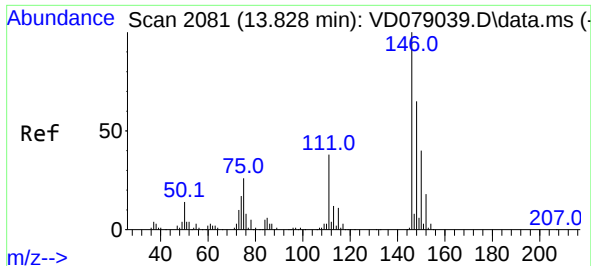
Tgt Ion:146 Resp: 224913
Ion Ratio Lower Upper
146 100
111 36.0 24.0 44.6
148 63.2 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 28.690 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

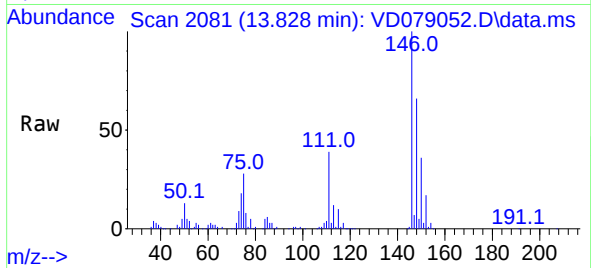
Tgt Ion:146 Resp: 231948
Ion Ratio Lower Upper
146 100
111 34.6 26.9 50.1
148 64.5 46.4 86.2



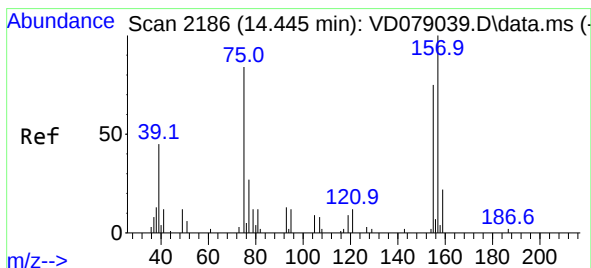
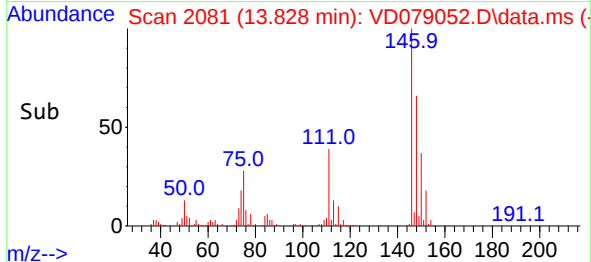
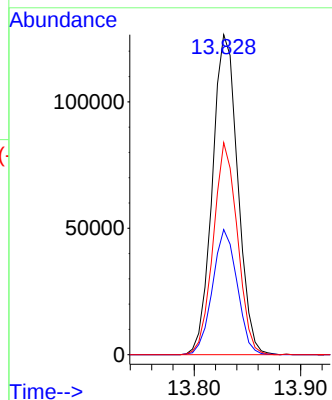


#67
1,2-Dichlorobenzene
Concen: 29.437 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

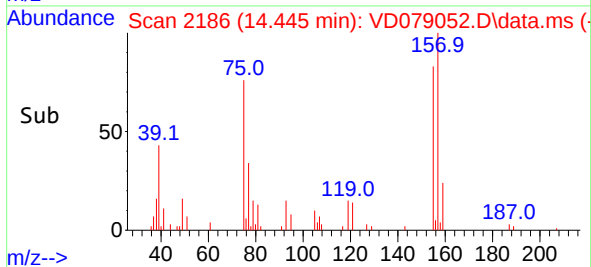
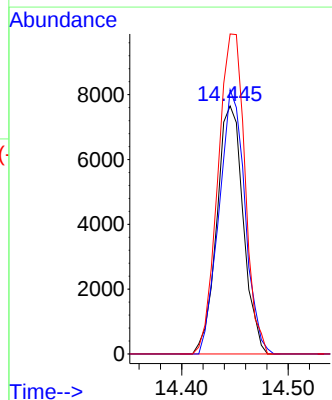
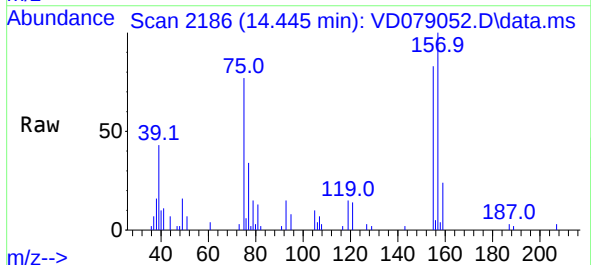


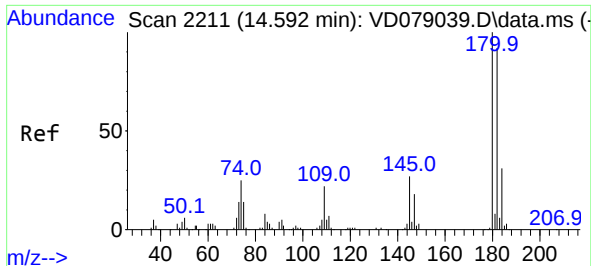
Tgt Ion:146 Resp: 208929
Ion Ratio Lower Upper
146 100
111 39.1 30.9 46.3
148 66.3 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.337 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

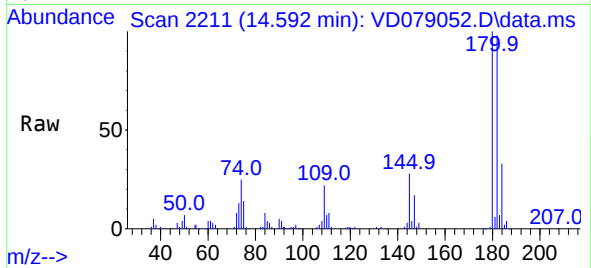
Tgt Ion: 75 Resp: 13134
Ion Ratio Lower Upper
75 100
155 106.5 79.8 119.6
157 129.0 99.9 149.9



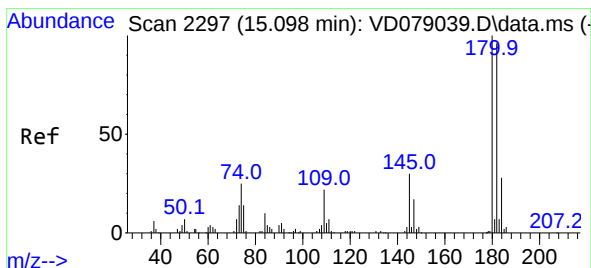
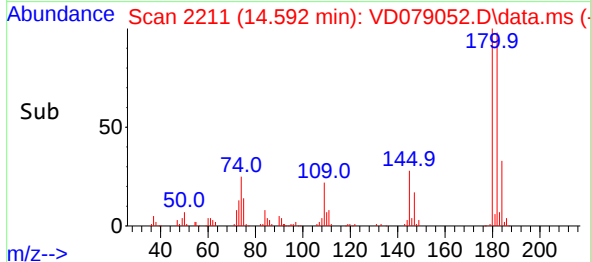
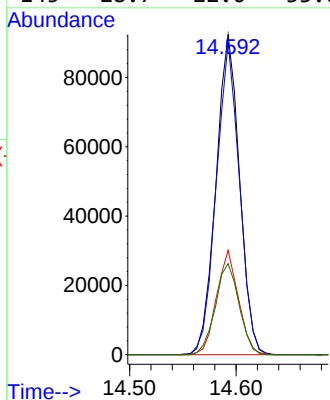


#69
1,3,5-Trichlorobenzene
Concen: 29.056 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

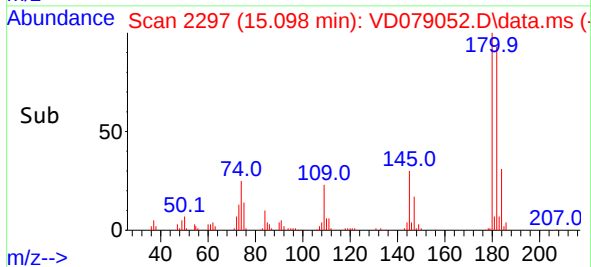
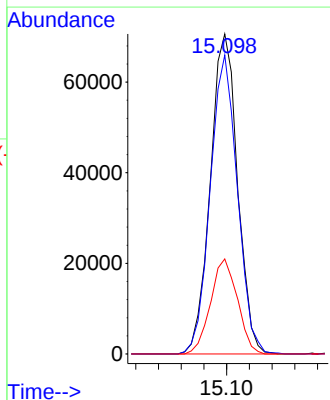
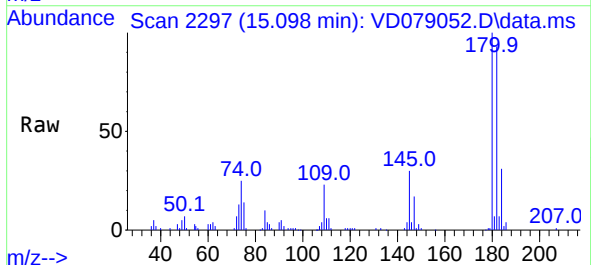


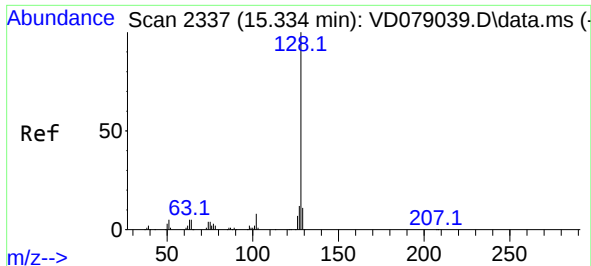
Tgt Ion:180 Resp: 141509
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
184 30.3 24.9 37.3
145 28.7 22.0 33.0



#70
1,2,4-trichlorobenzene
Concen: 28.499 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:180 Resp: 117500
Ion Ratio Lower Upper
180 100
182 93.0 76.4 114.6
145 29.3 22.8 34.2

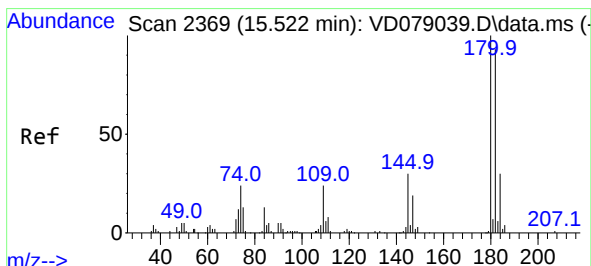
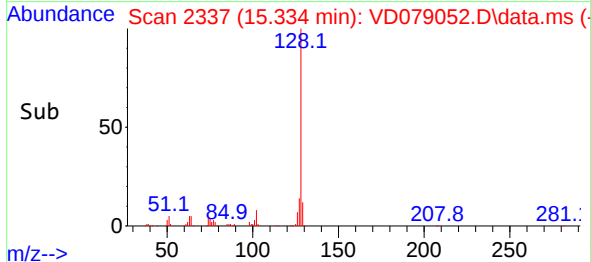
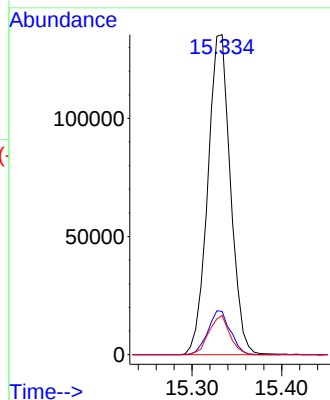
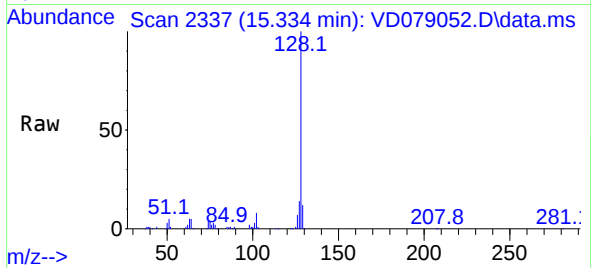




#71
Naphthalene
Concen: 28.275 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 237848
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 29.687 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079052.D
Acq: 28 May 2024 16:39

Tgt Ion:180 Resp: 114404
Ion Ratio Lower Upper
180 100
182 96.0 77.2 115.8
145 30.6 24.4 36.6

