

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052824\
 Data File : VD079039.D
 Acq On : 28 May 2024 08:56
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 29 01:32:57 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	215421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	214876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	113453	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	137587	26.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.200%
7) Chloroethane-d5	2.805	69	143070	25.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.240%
11) 1,1-Dichloroethene-d2	3.922	65	26080	25.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.280%
21) 2-Butanone-d5	6.987	46	26400	35.319	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.640%
24) Chloroform-d	7.563	84	136137	21.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.920%
26) 1,2-Dichloroethane-d4	8.228	65	68484	22.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.960%
32) Benzene-d6	8.199	84	289060	26.365	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.440%
36) 1,2-Dichloropropane-d6	9.210	67	79944	23.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.269	98	272935	27.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.040%
43) trans-1,3-Dichloroprop...	10.528	79	36883	23.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	10.875	63	23325	34.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76533	20.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	93594	24.305	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	84669	19.644	ug/L	98
3) Chloromethane	2.152	50	99873	18.884	ug/L	90
5) Vinyl chloride	2.287	62	164336	18.991	ug/L	98
6) Bromomethane	2.699	94	117626	19.009	ug/L	93
8) Chloroethane	2.840	64	141622	21.192	ug/L	99
9) Trichlorofluoromethane	3.175	101	168171	24.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	104290	24.379	ug/L	96
12) 1,1-Dichloroethene	3.946	96	80742	21.677	ug/L	86
13) Acetone	4.022	43	37098	41.086	ug/L	98
14) Carbon disulfide	4.275	76	180608	16.733	ug/L	99
15) Methyl Acetate	4.564	43	32666	22.266	ug/L #	83
16) Methylene chloride	4.799	84	100766	19.747	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	89588	23.622	ug/L	94
18) Methyl tert-butyl Ether	5.311	73	198262	24.536	ug/L	98
19) 1,1-Dichloroethane	6.111	63	159964	25.111	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	108190	25.009	ug/L	96
22) 2-Butanone	7.081	43	44961	43.310	ug/L	93
23) Bromochloromethane	7.422	128	53085	24.559	ug/L	97
25) Chloroform	7.593	83	200947	26.244	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

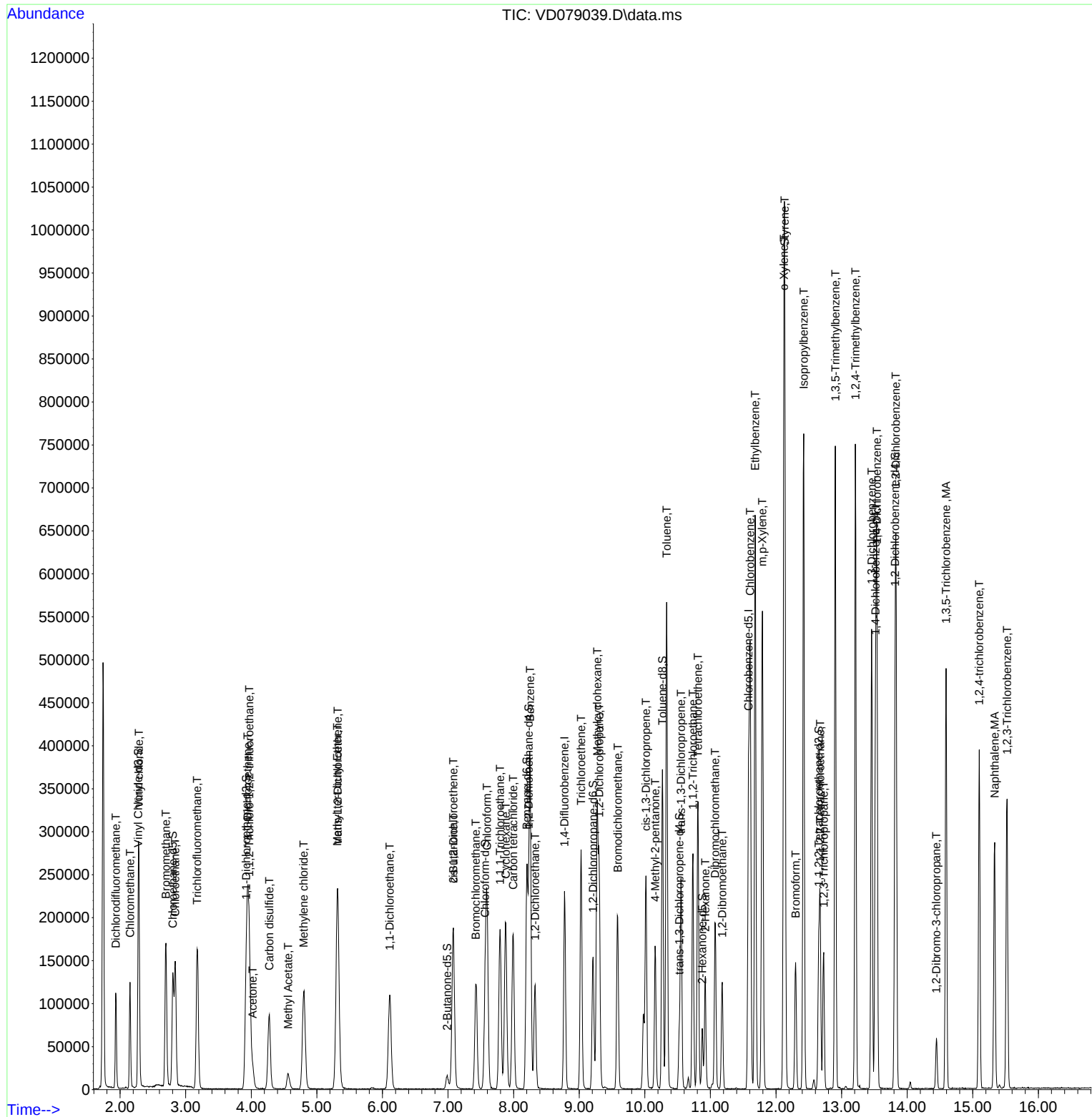
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	108952	24.568	ug/L	98
29) Cyclohexane	7.881	56	100773	24.402	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	159246	26.787	ug/L	97
31) Carbon tetrachloride	7.993	117	144064	26.318	ug/L	98
33) Benzene	8.252	78	390218	26.493	ug/L	100
34) Trichloroethene	9.028	95	98331	25.913	ug/L	99
35) Methylcyclohexane	9.275	83	144666	25.358	ug/L	100
37) 1,2-Dichloropropane	9.304	63	104660	28.039	ug/L	100
38) Bromodichloromethane	9.587	83	143357	27.160	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	158043	26.990	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	97940	51.946	ug/L	99
42) Toluene	10.334	91	446906	27.598	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	137912	26.641	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	90928	26.640	ug/L	92
46) Tetrachloroethene	10.810	164	81457	24.950	ug/L	93
48) 2-Hexanone	10.922	43	74187	50.757	ug/L	96
49) Dibromochloromethane	11.069	129	111199	26.797	ug/L	98
50) 1,2-Dibromoethane	11.181	107	80459	24.955	ug/L	98
51) Chlorobenzene	11.604	112	301567	26.360	ug/L	99
52) Ethylbenzene	11.681	91	488984	27.978	ug/L	98
53) m,p-Xylene	11.793	106	193706	27.705	ug/L	96
54) o-Xylene	12.122	106	191547	28.128	ug/L	95
55) Styrene	12.134	104	360486	29.956	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	105526	25.491	ug/L	99
59) Bromoform	12.298	173	69635	27.119	ug/L	97
60) Isopropylbenzene	12.422	105	508822	30.336	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	69078	26.562	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	395594	31.908	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	394040	31.277	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	238696	29.302	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	249961	28.461	ug/L	92
67) 1,2-Dichlorobenzene	13.828	146	220741	28.631	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14471	26.713	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	156445	29.570	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	129562	28.928	ug/L	99
71) Naphthalene	15.334	128	258375	28.274	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	121147	28.939	ug/L	99

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

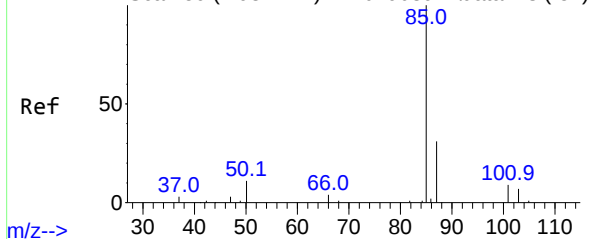
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052824\
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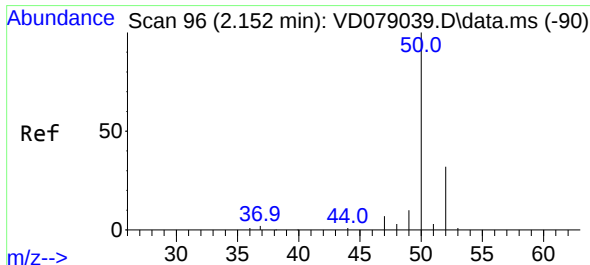
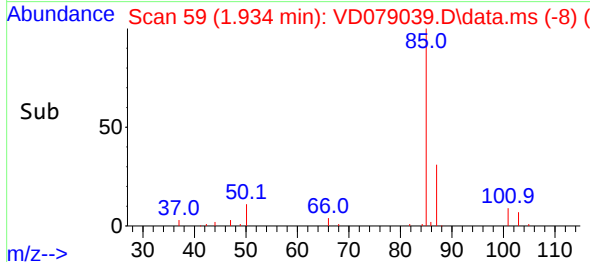
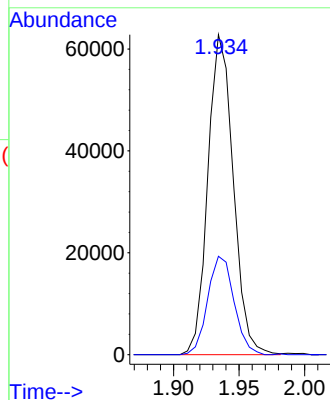
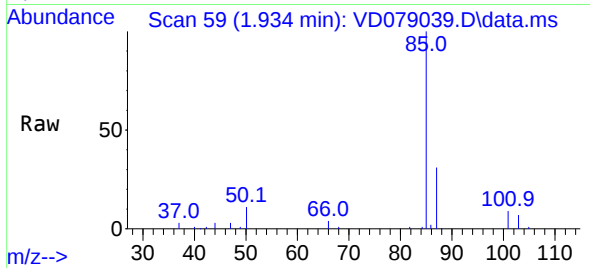
Abundance Scan 59 (1.934 min): VD079039.D\data.ms (-54)



#2
Dichlorodifluoromethane
Concen: 19.644 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

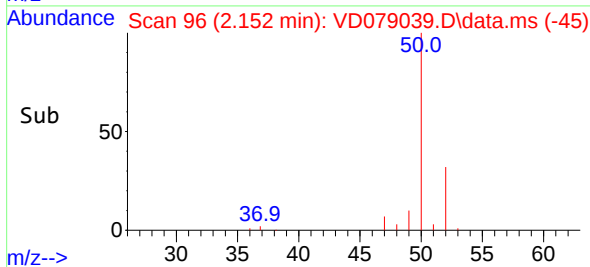
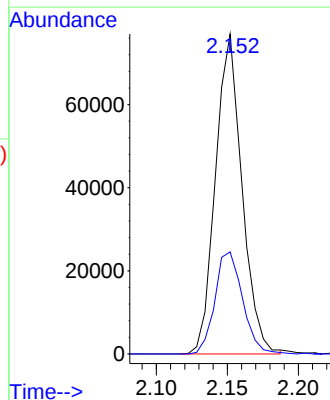
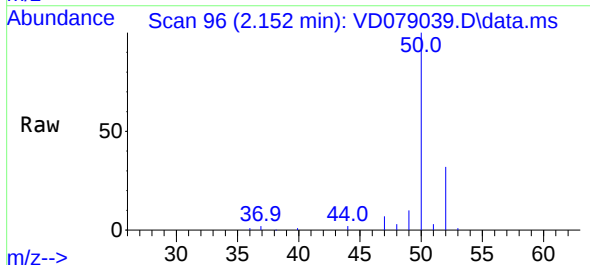
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 85 Resp: 84669
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5

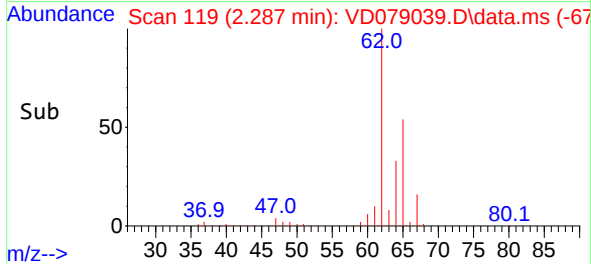
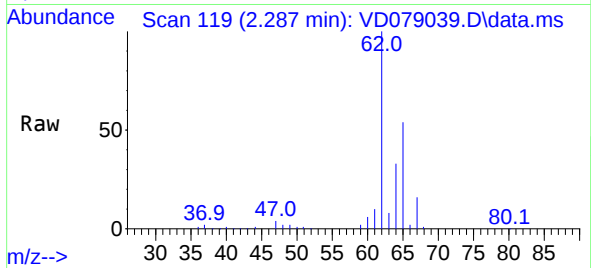
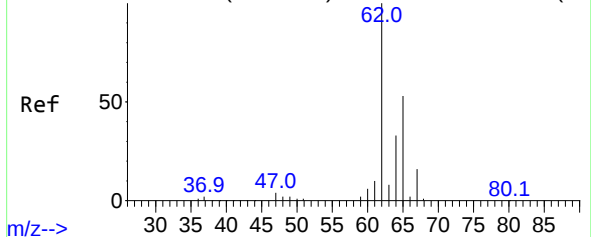


#3
Chloromethane
Concen: 18.884 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 50 Resp: 99873
Ion Ratio Lower Upper
50 100
52 31.9 26.5 49.3



Abundance Scan 119 (2.287 min): VD079039.D\data.ms (-11



#5

Vinyl chloride

Concen: 18.991 ug/L

RT: 2.287 min Scan# 119

Delta R.T. 0.006 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

Instrument :

MSVOA_D

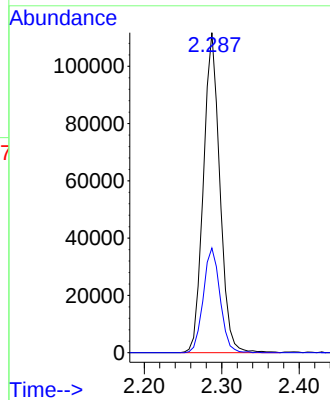
ClientSampleId :

Tgt Ion: 62 Resp: 164336

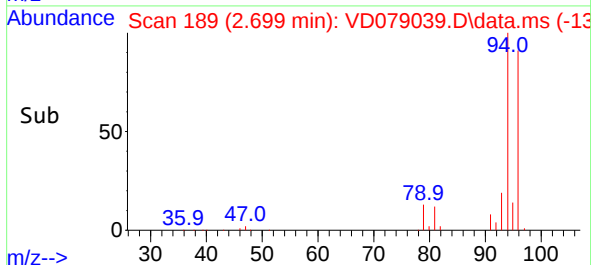
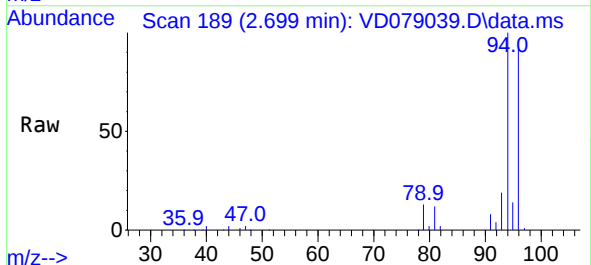
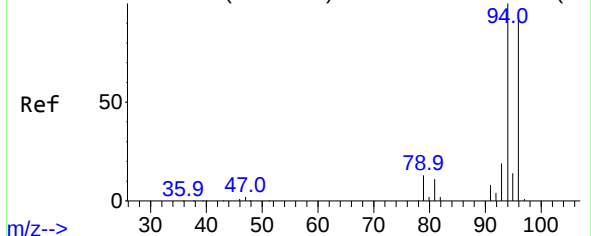
Ion Ratio Lower Upper

62 100

64 32.7 22.3 41.3



Abundance Scan 189 (2.699 min): VD079039.D\data.ms (-18



#6

Bromomethane

Concen: 19.009 ug/L

RT: 2.699 min Scan# 189

Delta R.T. 0.006 min

Lab File: VD079039.D

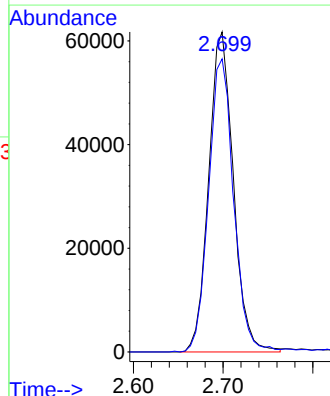
Acq: 28 May 2024 08:56

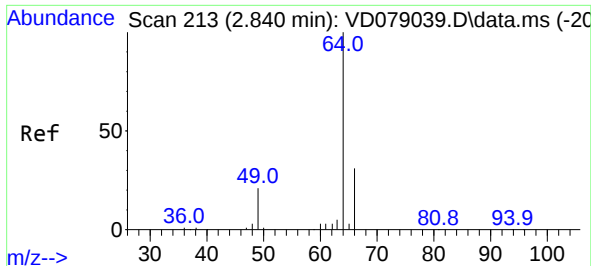
Tgt Ion: 94 Resp: 117626

Ion Ratio Lower Upper

94 100

96 91.6 69.0 128.1

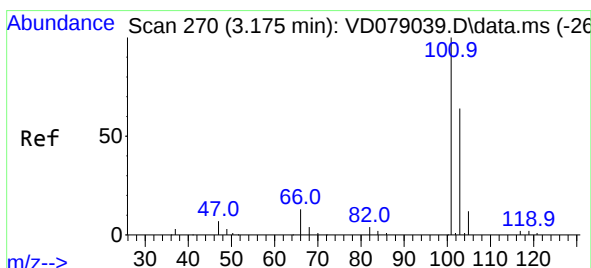
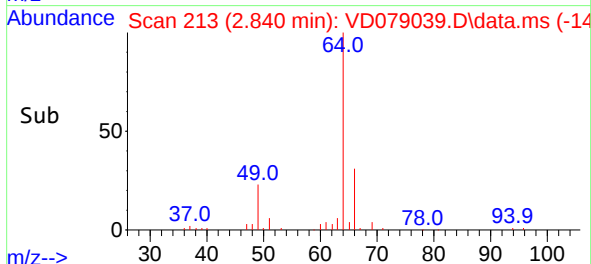
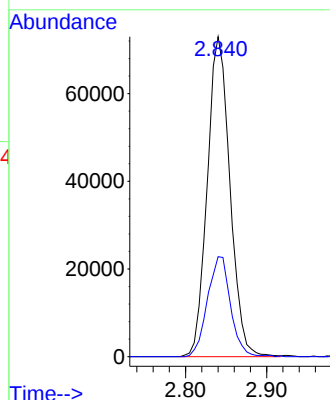
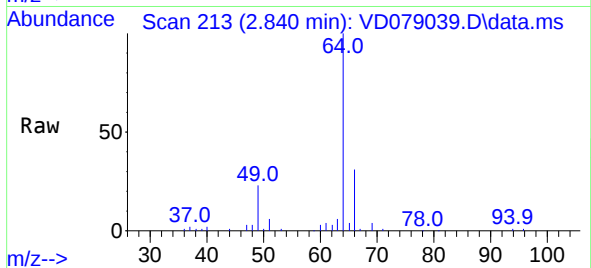




#8
Chloroethane
Concen: 21.192 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

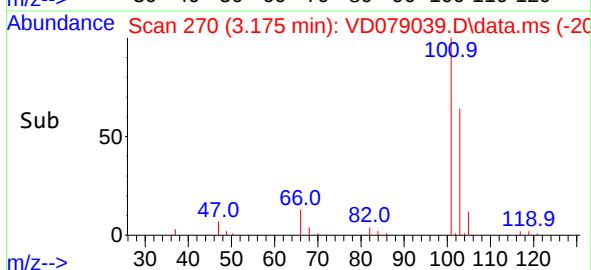
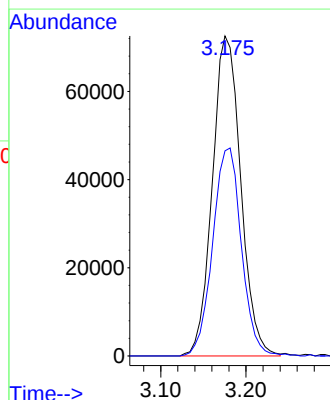
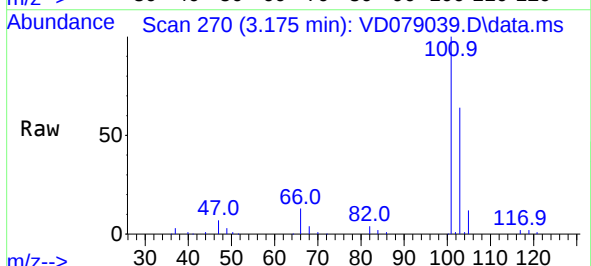
Instrument :
MSVOA_D
ClientSampleId :

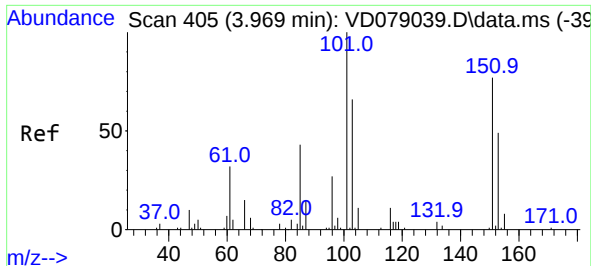
Tgt Ion: 64 Resp: 141622
Ion Ratio Lower Upper
64 100
66 31.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 24.919 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:101 Resp: 168171
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9

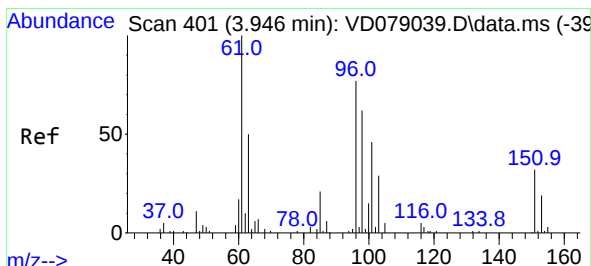
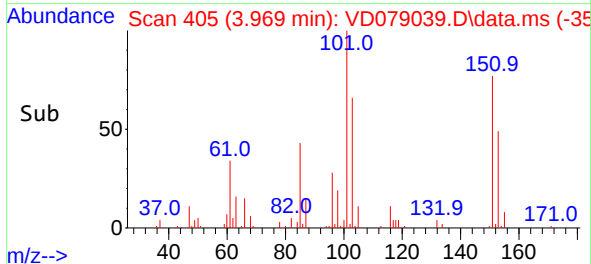
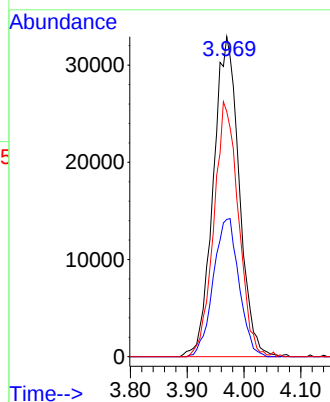
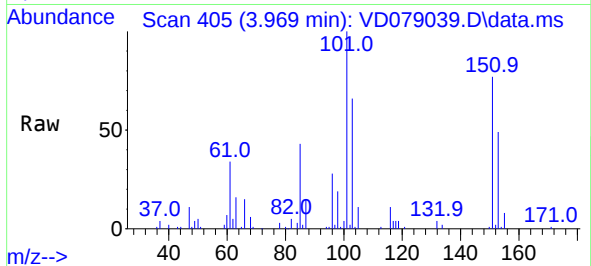




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.379 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD079039.D
 Acq: 28 May 2024 08:56

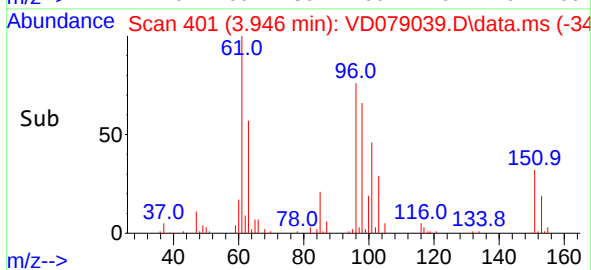
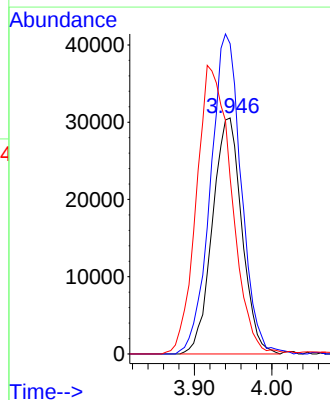
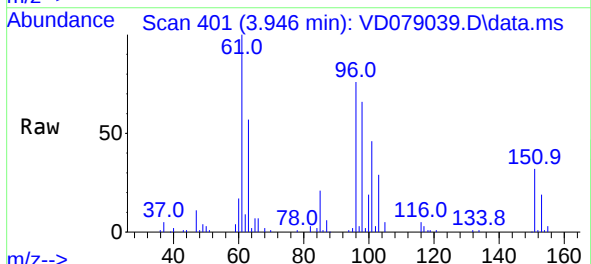
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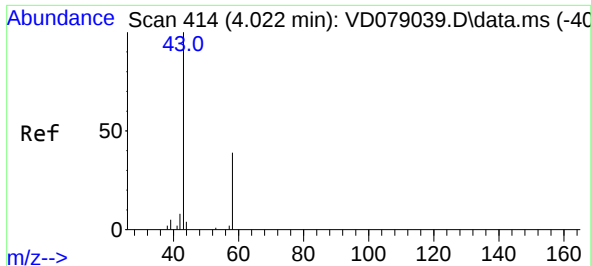
Tgt Ion:101 Resp: 104290
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.2 54.2
 151 75.5 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 21.677 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD079039.D
 Acq: 28 May 2024 08:56

Tgt Ion: 96 Resp: 80742
 Ion Ratio Lower Upper
 96 100
 61 131.5 98.6 183.0
 63 74.8 68.3 126.8





#13

Acetone

Concen: 41.086 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

Instrument :

MSVOA_D

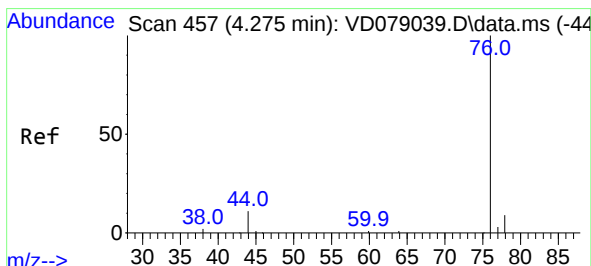
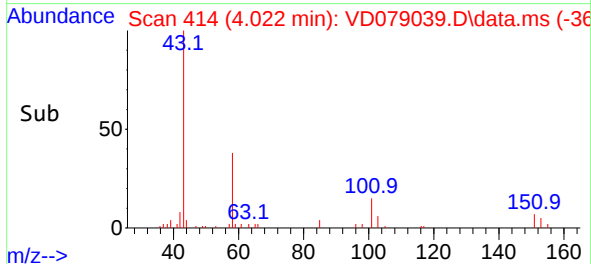
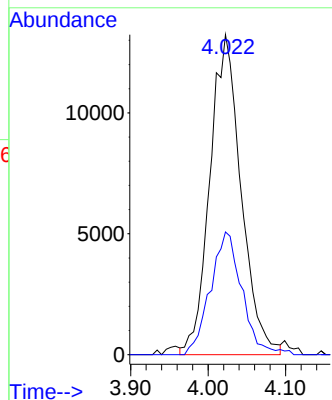
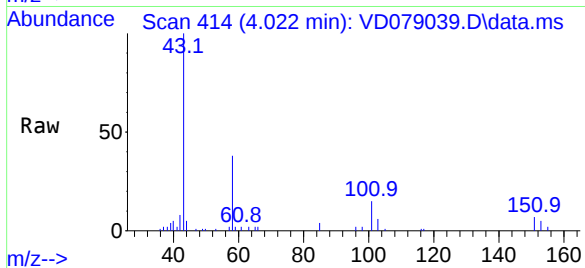
ClientSampleId :

Tgt Ion: 43 Resp: 37098

Ion Ratio Lower Upper

43 100

58 38.7 0.0 75.0



#14

Carbon disulfide

Concen: 16.733 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079039.D

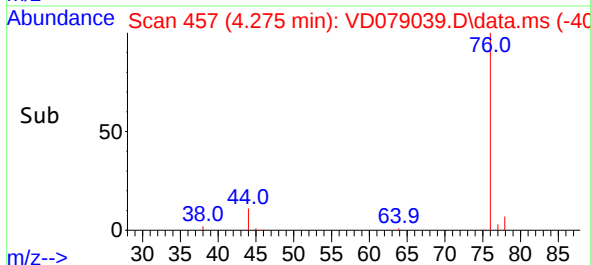
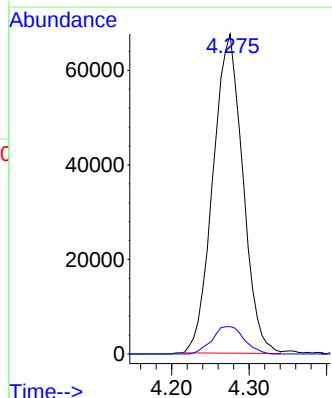
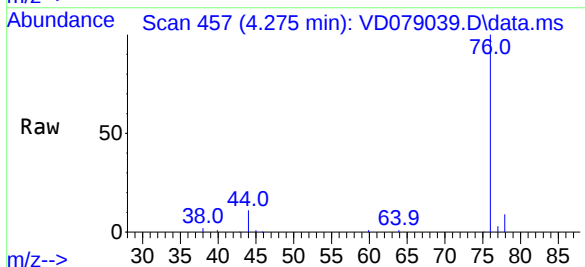
Acq: 28 May 2024 08:56

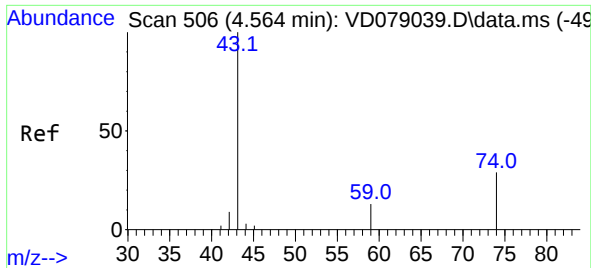
Tgt Ion: 76 Resp: 180608

Ion Ratio Lower Upper

76 100

78 8.5 6.5 9.7

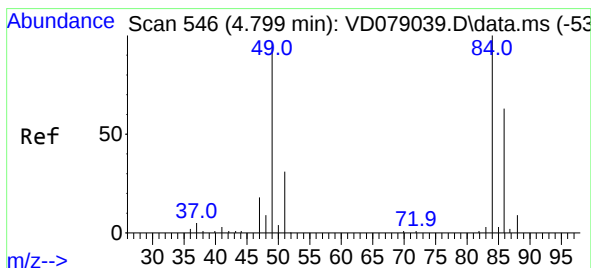
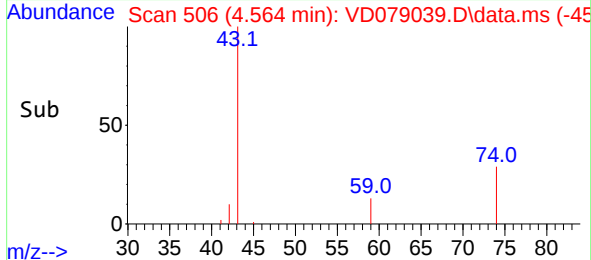
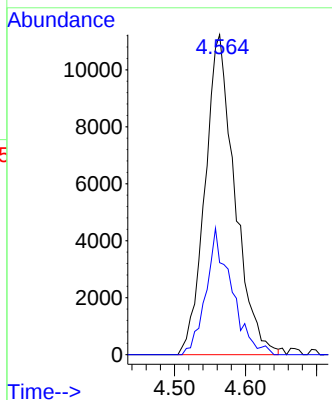
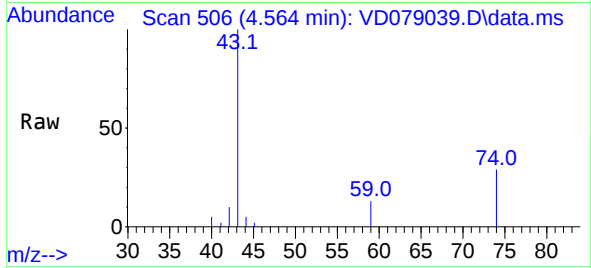




#15
Methyl Acetate
Concen: 22.266 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

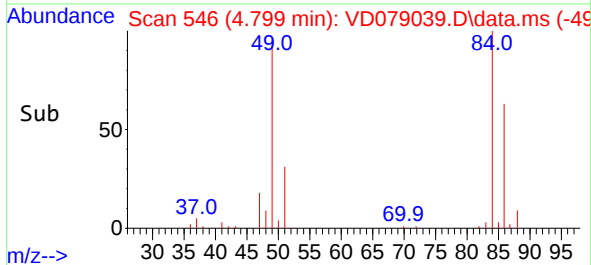
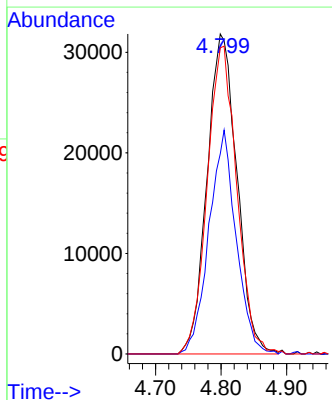
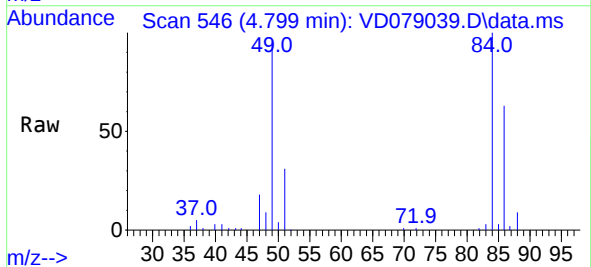
Instrument :
MSVOA_D
ClientSampleId :

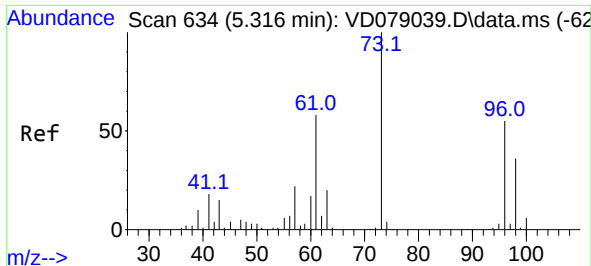
Tgt Ion: 43 Resp: 32666
Ion Ratio Lower Upper
43 100
74 22.1 25.1 37.7#



#16
Methylene chloride
Concen: 19.747 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

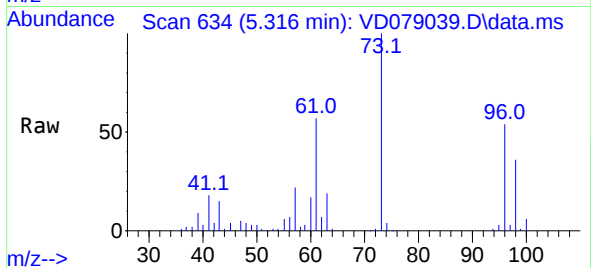
Tgt Ion: 84 Resp: 100766
Ion Ratio Lower Upper
84 100
86 62.6 43.7 81.1
49 95.7 64.0 119.0



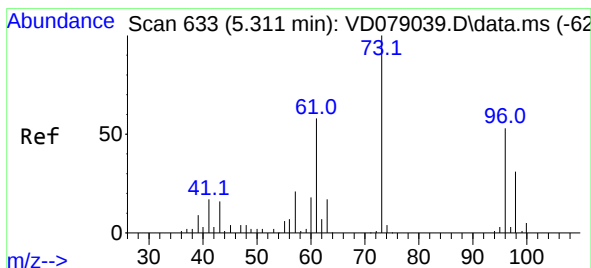
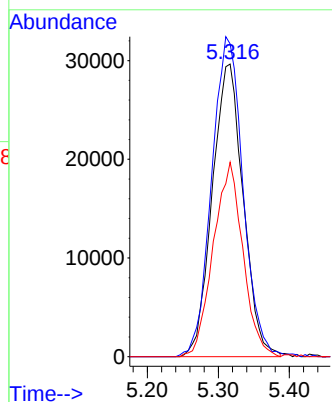


#17
trans-1,2-Dichloroethene
Concen: 23.622 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :

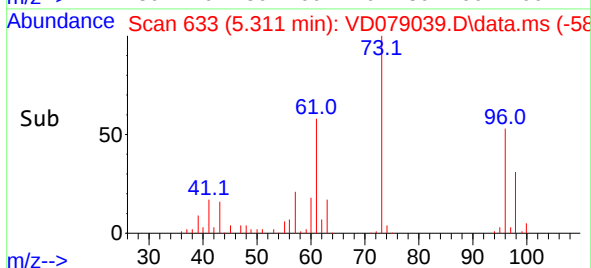
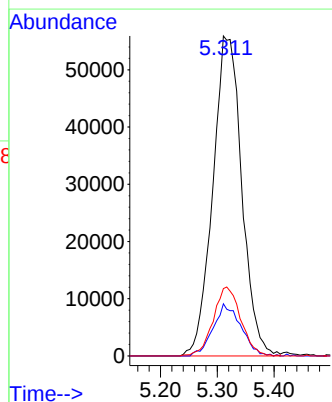
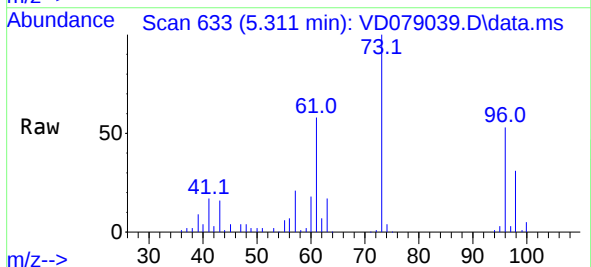


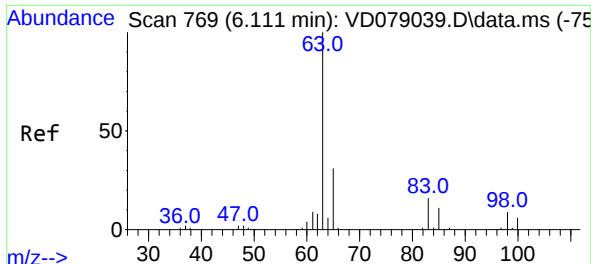
Tgt Ion: 96 Resp: 89588
Ion Ratio Lower Upper
96 100
61 106.9 75.5 140.1
98 66.4 39.1 72.7



#18
Methyl tert-butyl Ether
Concen: 24.536 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 73 Resp: 198262
Ion Ratio Lower Upper
73 100
43 9.6 6.7 10.1
57 20.3 16.8 25.2

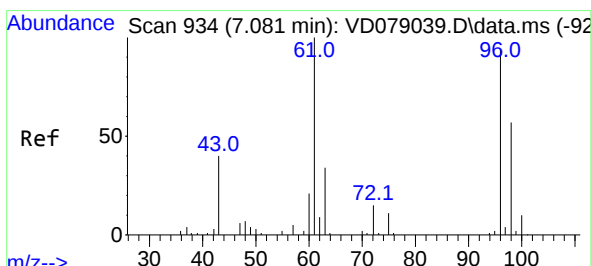
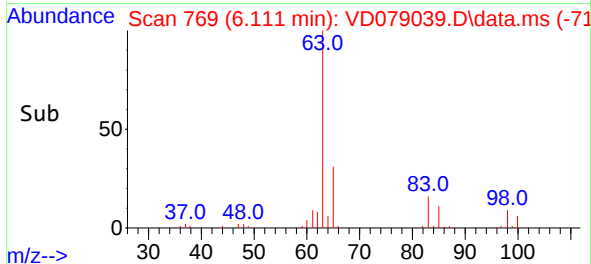
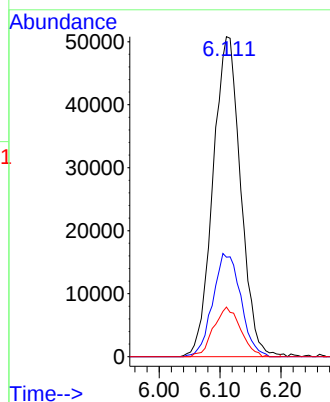
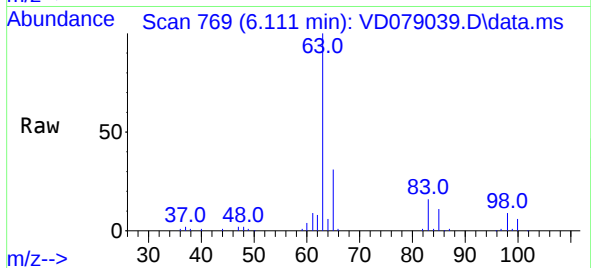




#19
1,1-Dichloroethane
Concen: 25.111 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

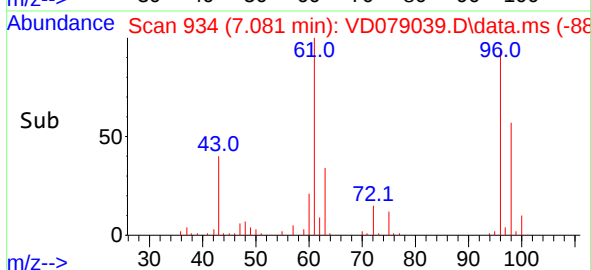
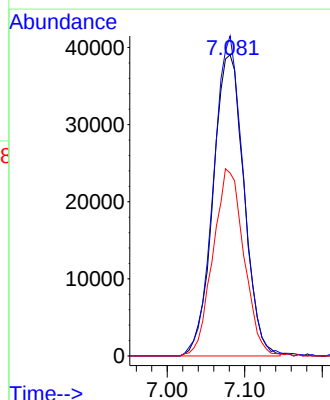
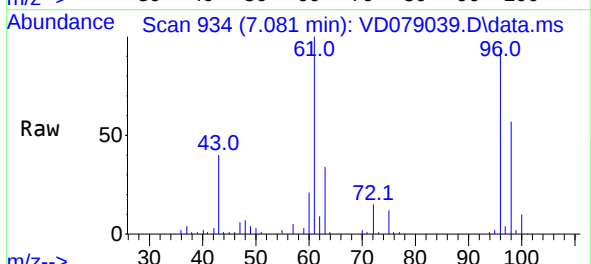
Instrument :
MSVOA_D
ClientSampleId :

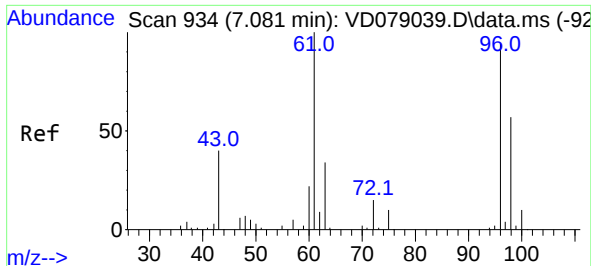
Tgt Ion: 63 Resp: 159964
Ion Ratio Lower Upper
63 100
65 31.1 23.5 43.7
83 15.5 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 25.009 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 96 Resp: 108190
Ion Ratio Lower Upper
96 100
61 106.3 71.6 133.0
98 60.8 40.1 74.5

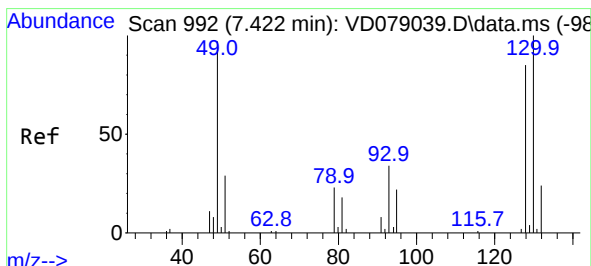
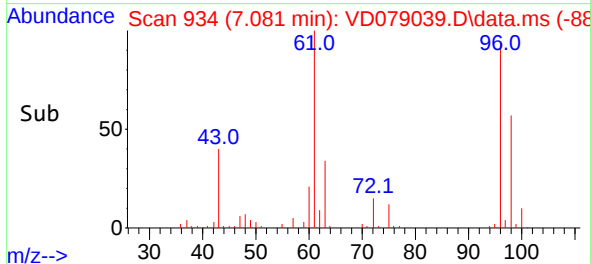
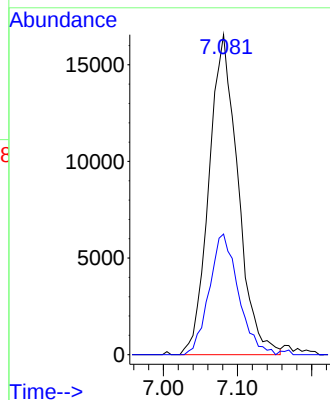
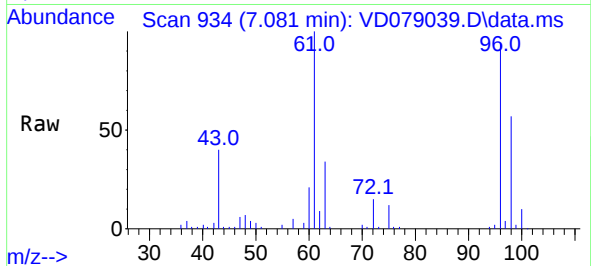




#22
2-Butanone
Concen: 43.310 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

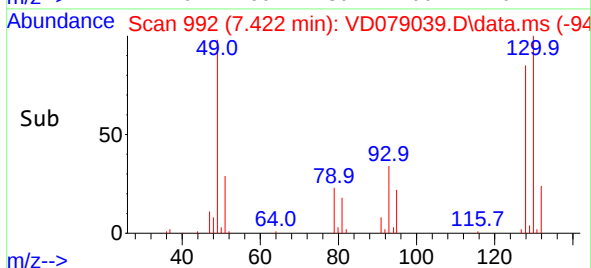
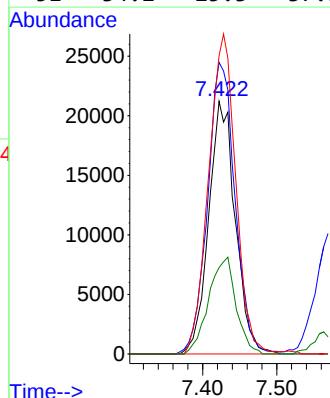
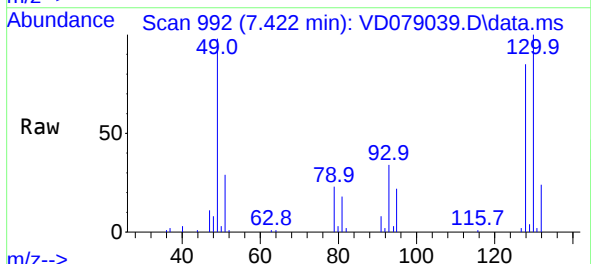
Instrument :
MSVOA_D
ClientSampleId :

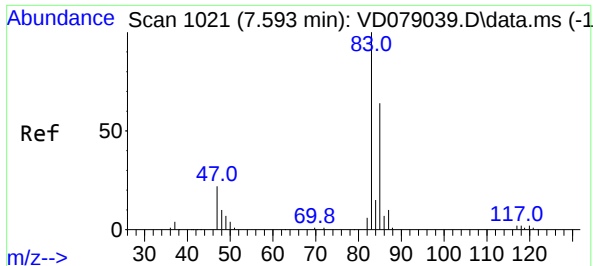
Tgt Ion: 43 Resp: 44961
Ion Ratio Lower Upper
43 100
72 37.9 17.1 51.2



#23
Bromochloromethane
Concen: 24.559 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:128 Resp: 53085
Ion Ratio Lower Upper
128 100
49 115.4 77.3 143.5
130 118.0 83.4 154.8
51 34.2 25.3 37.9

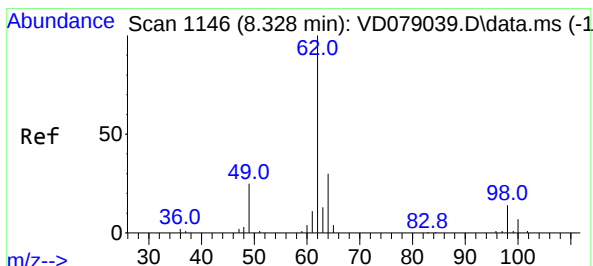
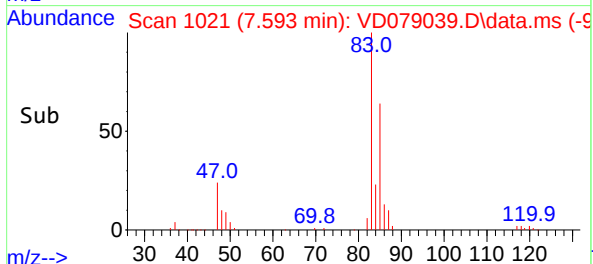
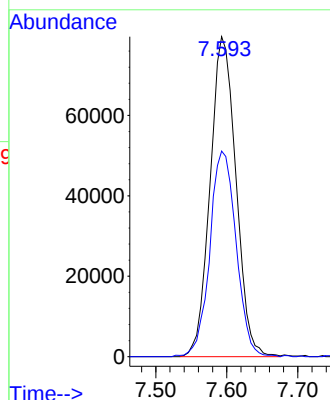
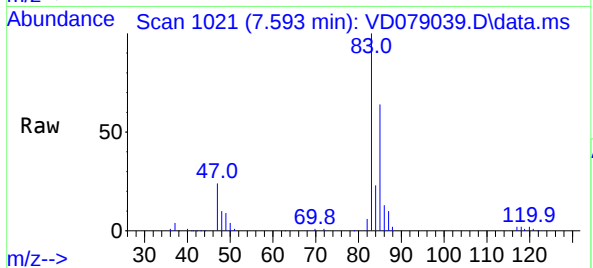




#25
Chloroform
Concen: 26.244 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

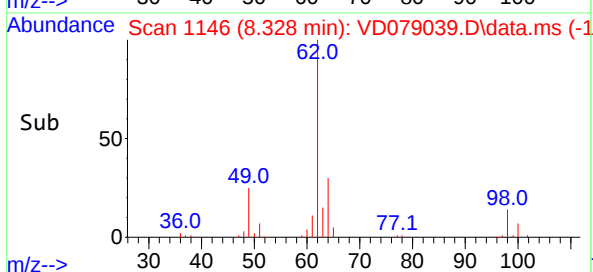
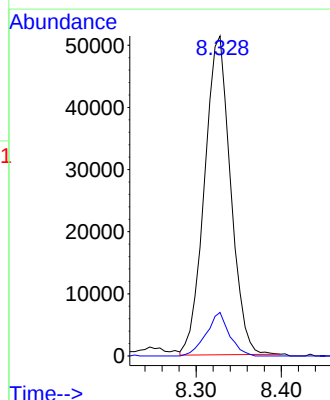
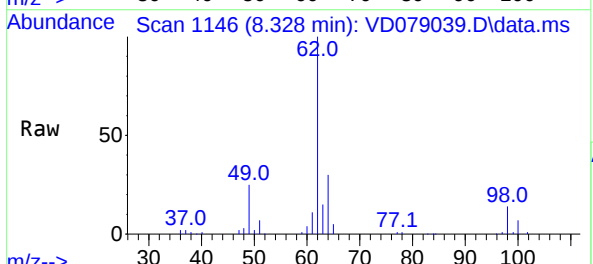
Instrument :
MSVOA_D
ClientSampleId :

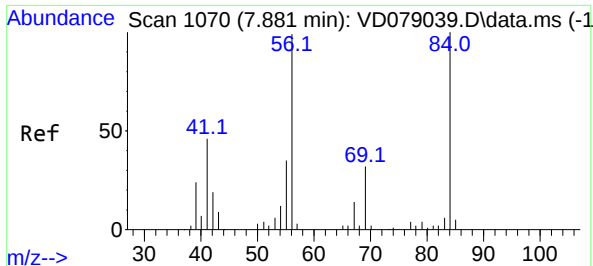
Tgt Ion: 83 Resp: 200947
Ion Ratio Lower Upper
83 100
85 64.2 41.8 77.6



#27
1,2-Dichloroethane
Concen: 24.568 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 62 Resp: 108952
Ion Ratio Lower Upper
62 100
98 13.6 10.2 15.4





#29

Cyclohexane

Concen: 24.402 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

Instrument :

MSVOA_D

ClientSampleId :

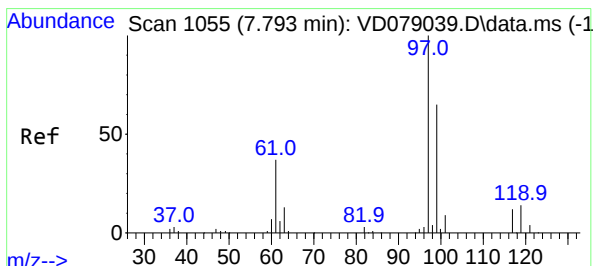
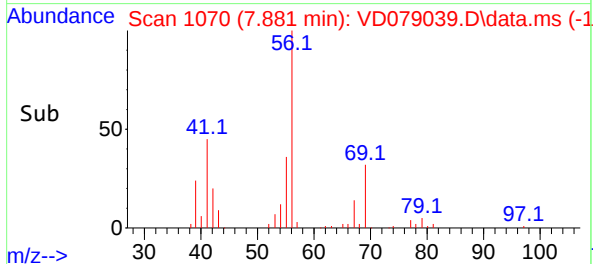
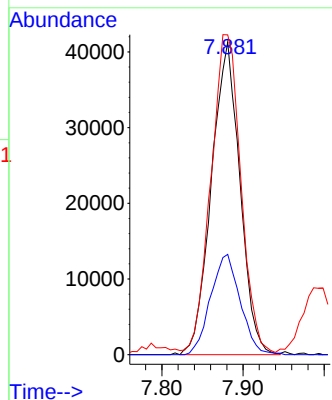
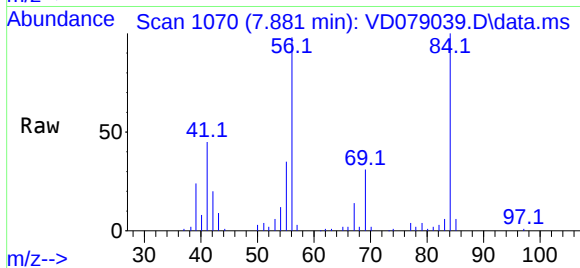
Tgt Ion: 56 Resp: 100773

Ion Ratio Lower Upper

56 100

69 33.3 25.2 37.8

84 107.4 83.4 125.2



#30

1,1,1-Trichloroethane

Concen: 26.787 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

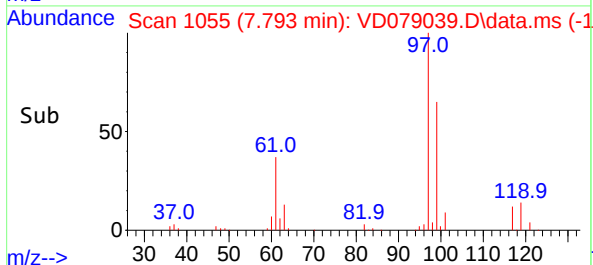
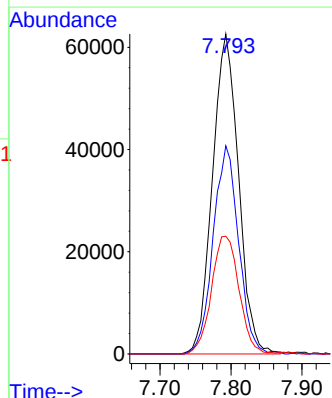
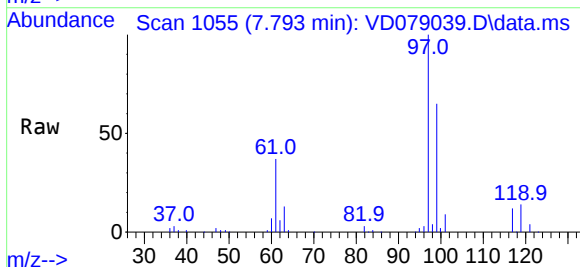
Tgt Ion: 97 Resp: 159246

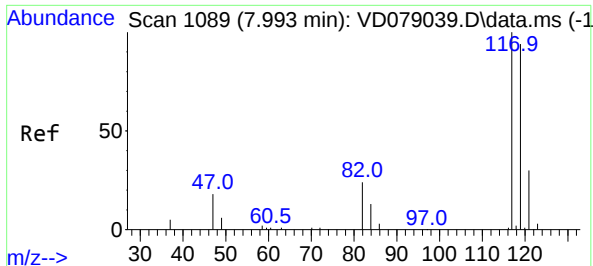
Ion Ratio Lower Upper

97 100

99 63.4 52.6 78.8

61 38.9 32.6 48.8

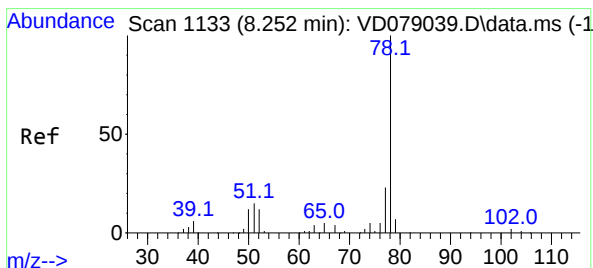
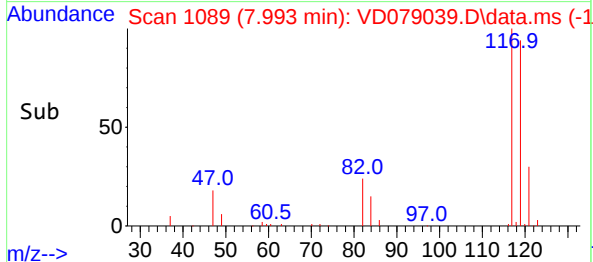
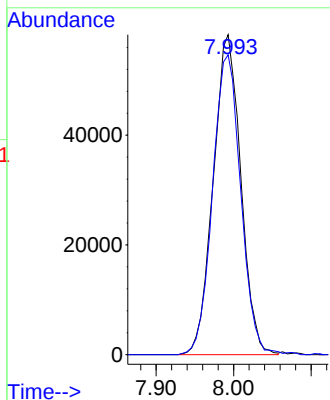
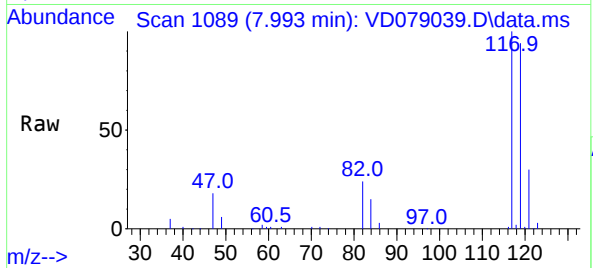




#31
Carbon tetrachloride
Concen: 26.318 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

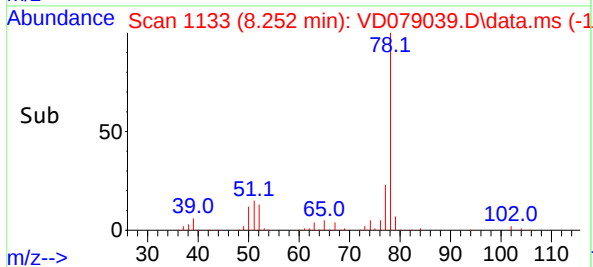
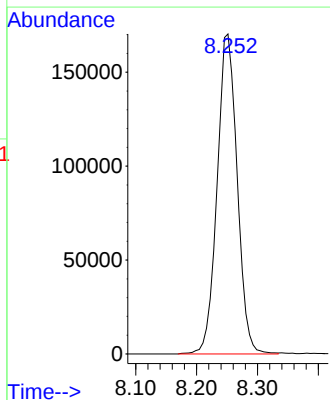
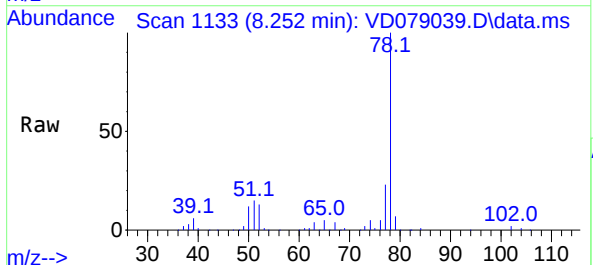
Instrument :
MSVOA_D
ClientSampleId :

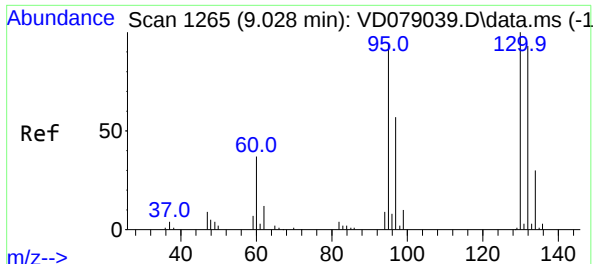
Tgt Ion:117 Resp: 144064
Ion Ratio Lower Upper
117 100
119 95.3 77.7 116.5



#33
Benzene
Concen: 26.493 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

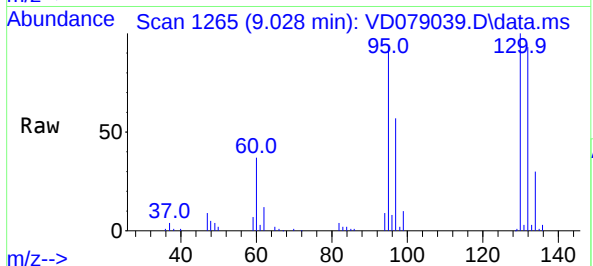
Tgt Ion: 78 Resp: 390218



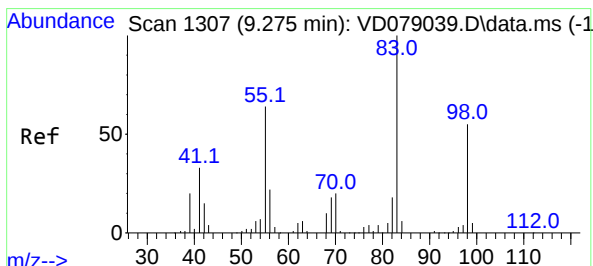
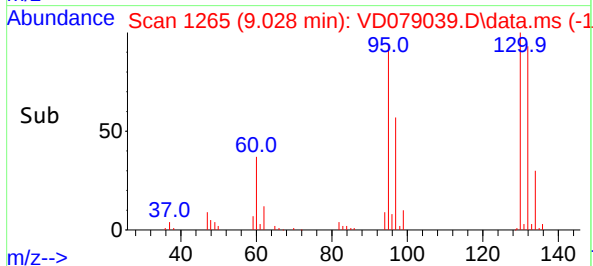
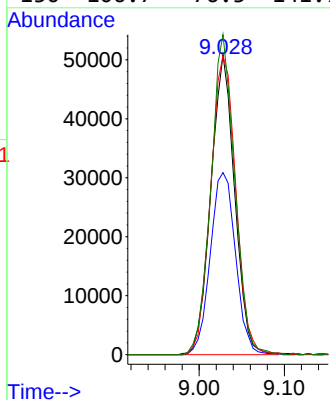


#34
Trichloroethene
Concen: 25.913 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :

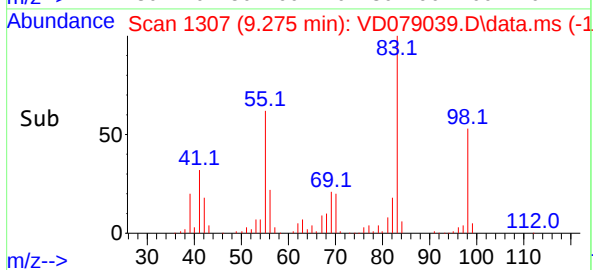
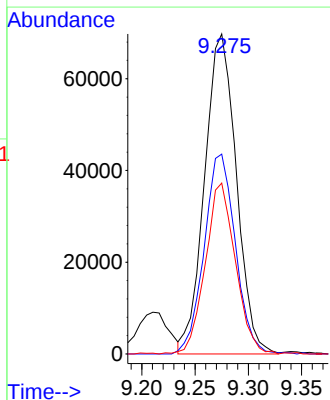
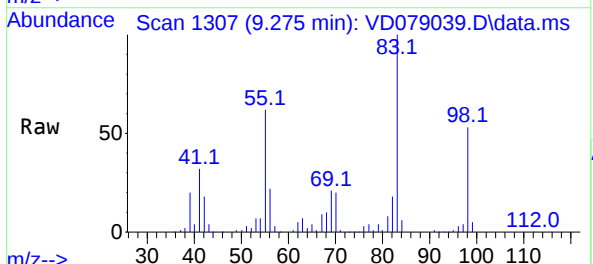


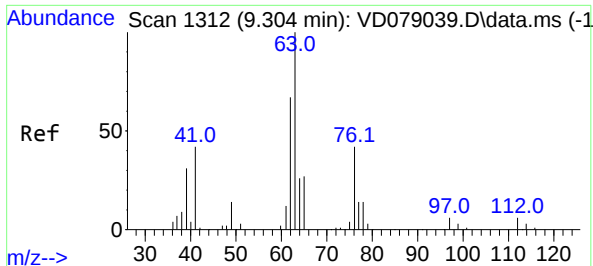
Tgt Ion: 95 Resp: 98331
Ion Ratio Lower Upper
95 100
97 60.7 42.6 79.2
132 99.7 69.5 129.1
130 106.7 76.3 141.7



#35
Methylcyclohexane
Concen: 25.358 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 83 Resp: 144666
Ion Ratio Lower Upper
83 100
55 61.3 49.0 73.6
98 50.5 40.1 60.1

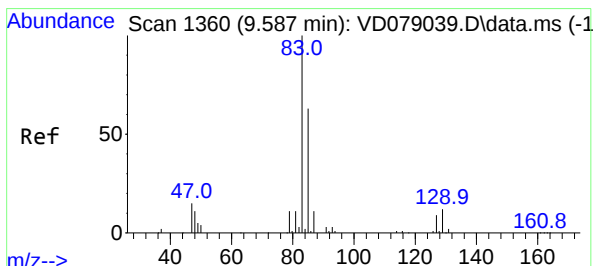
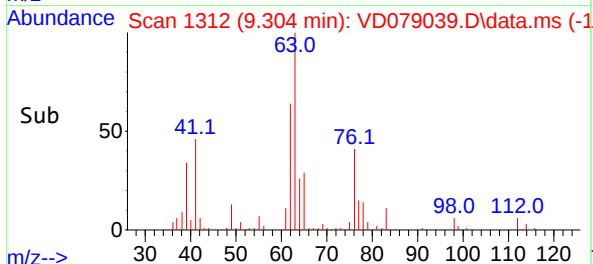
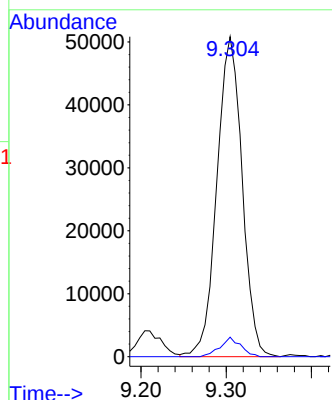
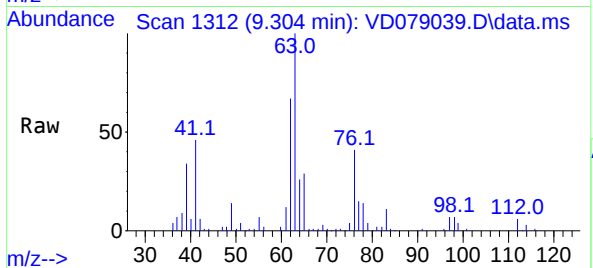




#37
1,2-Dichloropropane
Concen: 28.039 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

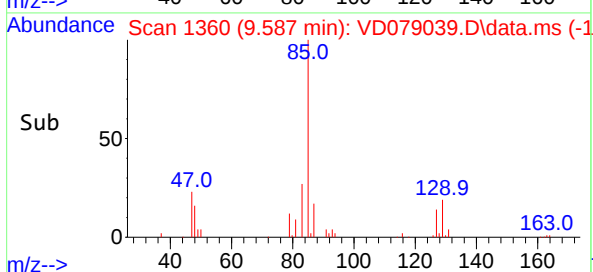
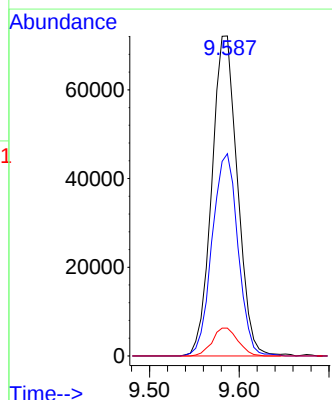
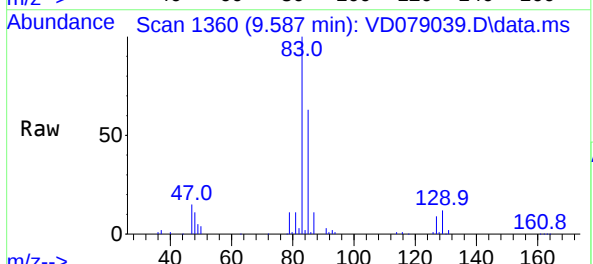
Instrument :
MSVOA_D
ClientSampleId :

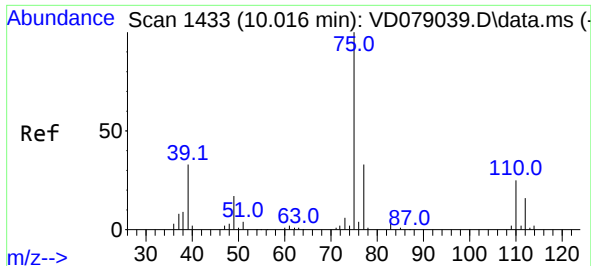
Tgt Ion: 63 Resp: 104660
Ion Ratio Lower Upper
63 100
112 5.0 4.1 6.1



#38
Bromodichloromethane
Concen: 27.160 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 83 Resp: 143357
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.4
127 8.7 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 26.990 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

Instrument :

MSVOA_D

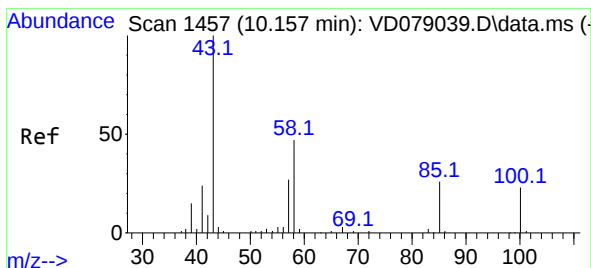
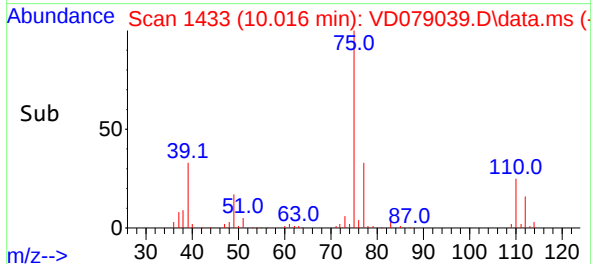
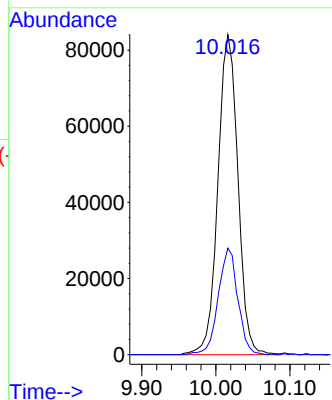
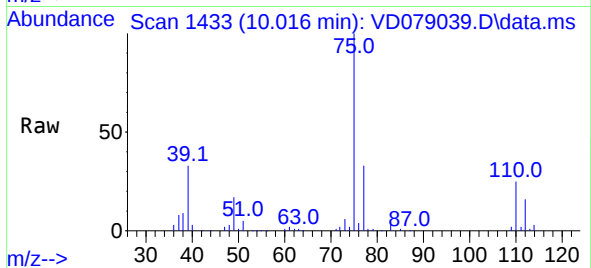
ClientSampleId :

Tgt Ion: 75 Resp: 158043

Ion Ratio Lower Upper

75 100

77 33.3 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 51.946 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

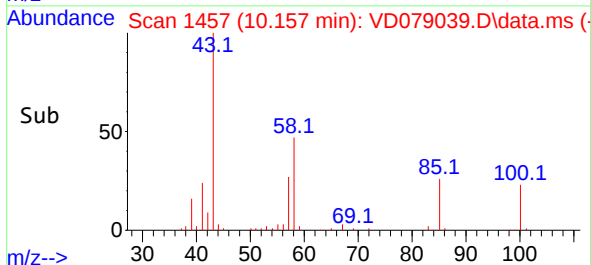
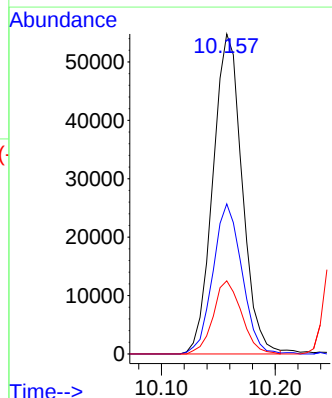
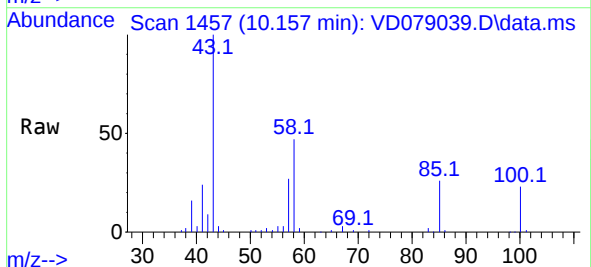
Tgt Ion: 43 Resp: 97940

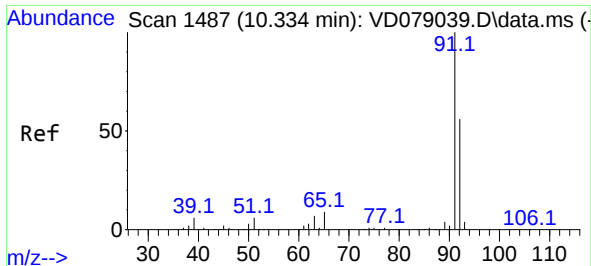
Ion Ratio Lower Upper

43 100

58 46.5 38.0 57.0

100 22.1 17.3 25.9

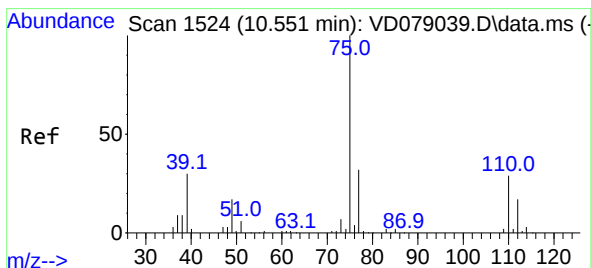
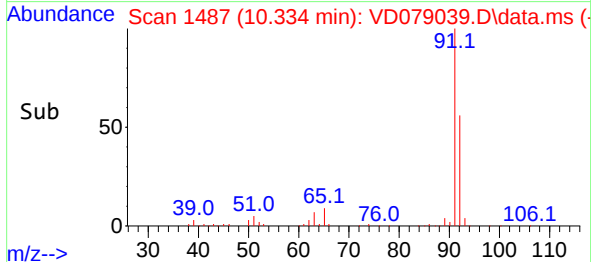
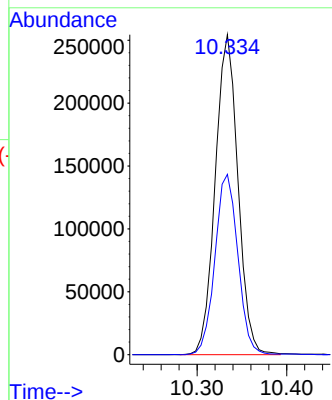
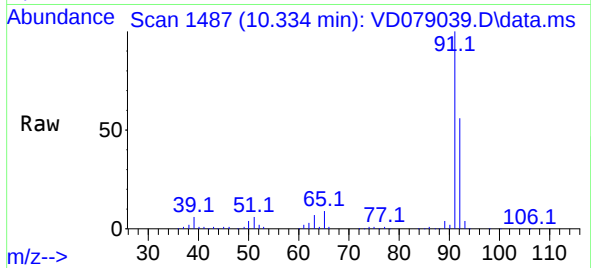




#42
Toluene
Concen: 27.598 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

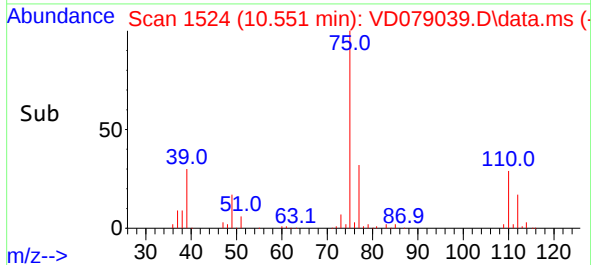
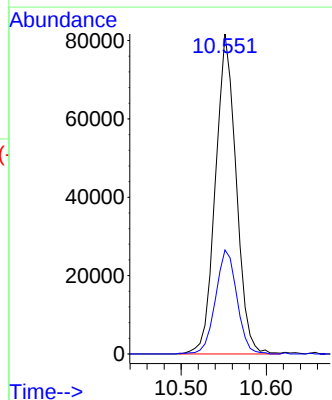
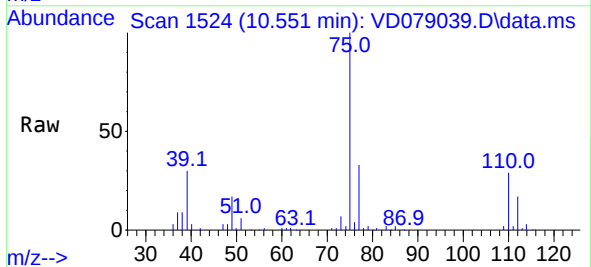
Instrument :
MSVOA_D
ClientSampleId :

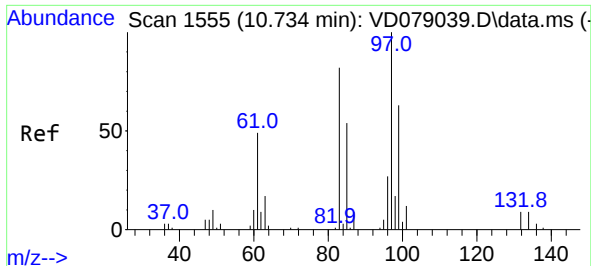
Tgt Ion: 91 Resp: 446906
Ion Ratio Lower Upper
91 100
92 56.3 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 26.641 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 75 Resp: 137912
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4

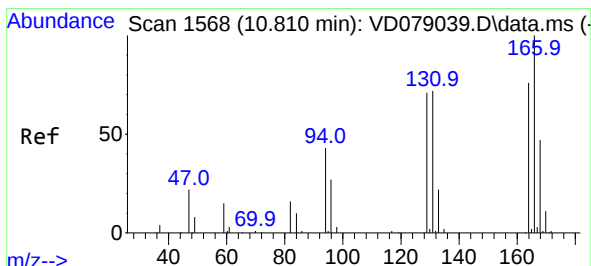
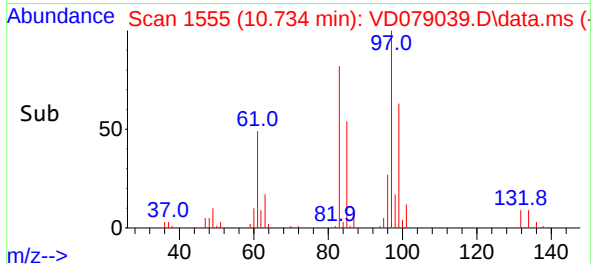
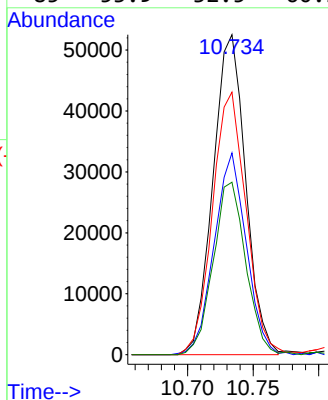
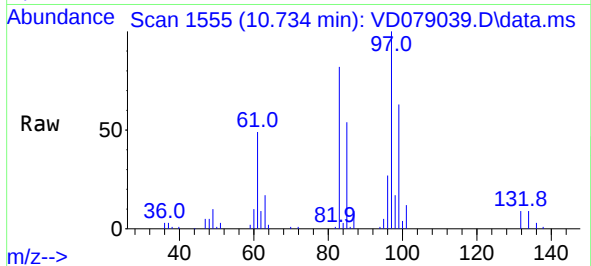




#45
1,1,2-Trichloroethane
Concen: 26.640 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

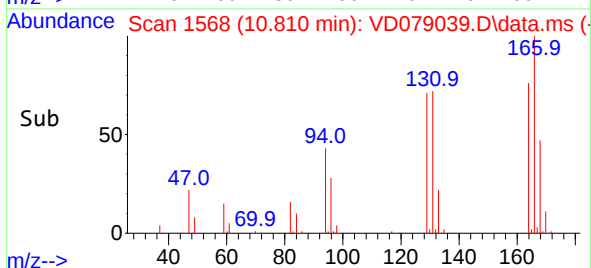
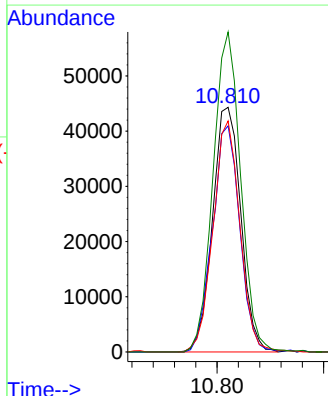
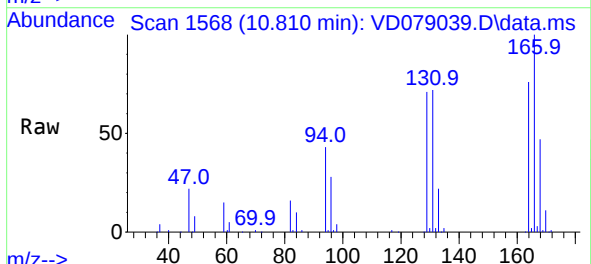
Instrument :
MSVOA_D
ClientSampleId :

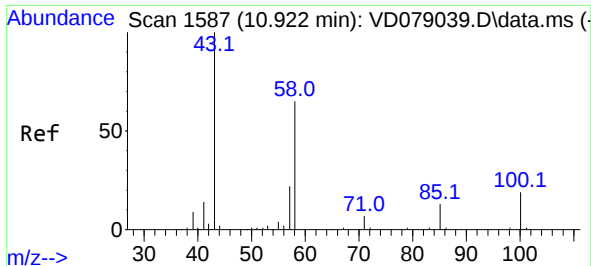
Tgt Ion:	97	Resp:	90928
Ion	Ratio	Lower	Upper
97	100		
99	63.1	39.1	72.7
83	82.1	54.6	101.4
85	53.9	32.5	60.3



#46
Tetrachloroethene
Concen: 24.950 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

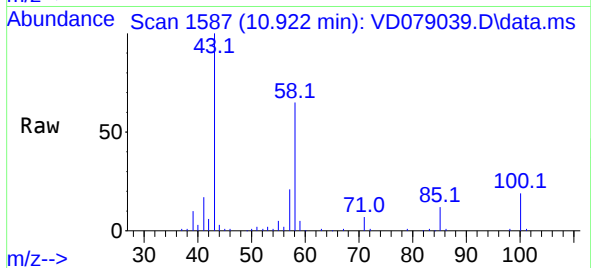
Tgt Ion:	164	Resp:	81457
Ion	Ratio	Lower	Upper
164	100		
129	92.5	63.3	117.7
131	94.5	60.8	112.8
166	130.8	83.7	155.4





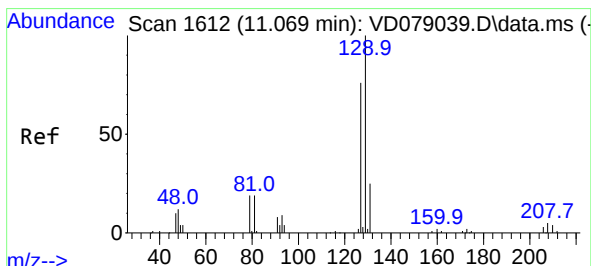
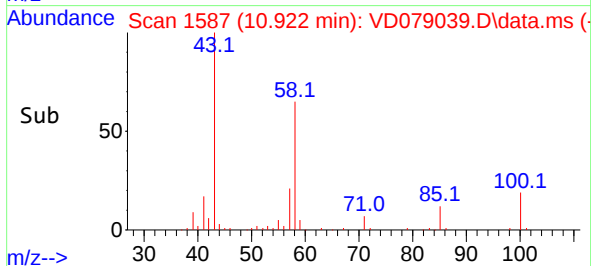
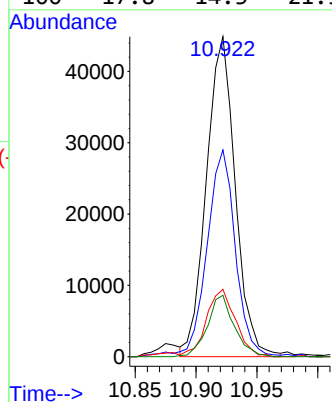
#48
2-Hexanone
Concen: 50.757 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 74187

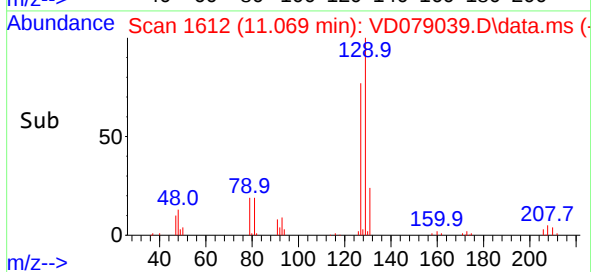
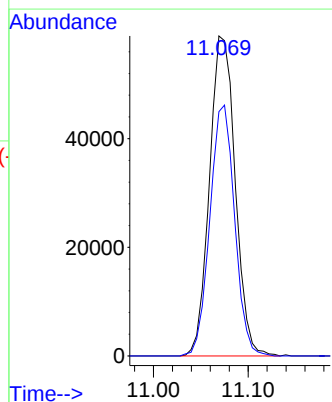
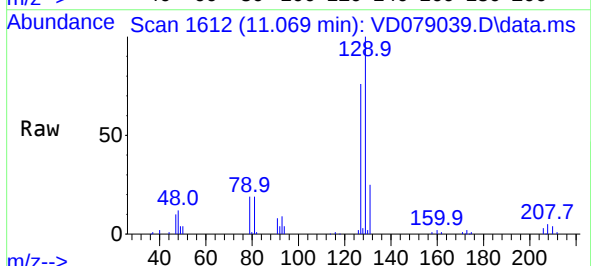
Ion	Ratio	Lower	Upper
43	100		
58	62.3	53.4	80.2
57	21.1	17.0	25.4
100	17.8	14.3	21.5

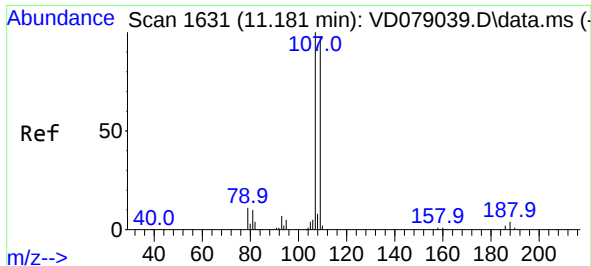


#49
Dibromochloromethane
Concen: 26.797 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 129 Resp: 111199

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.8	101.8

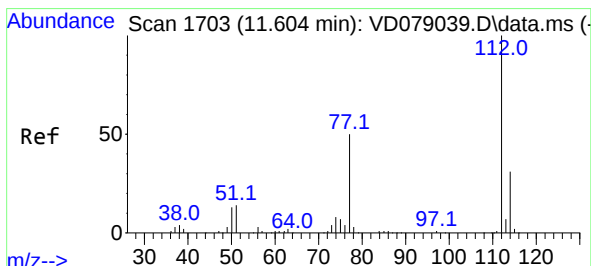
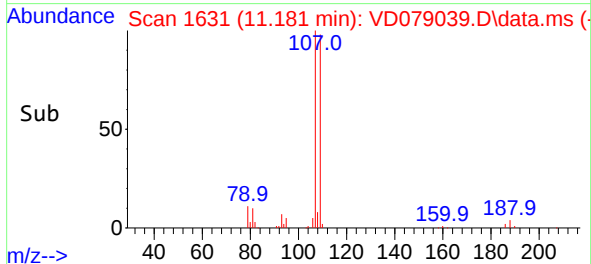
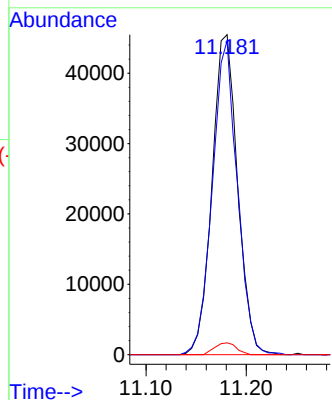
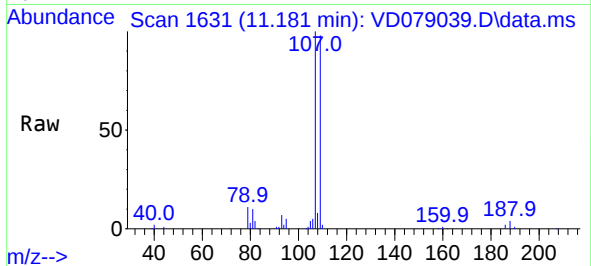




#50
1,2-Dibromoethane
Concen: 24.955 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

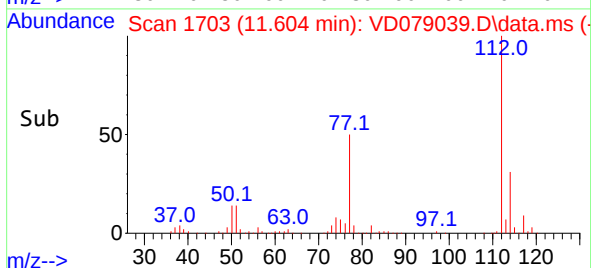
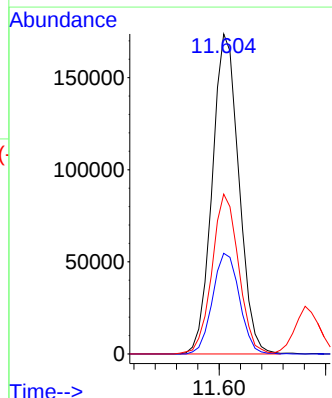
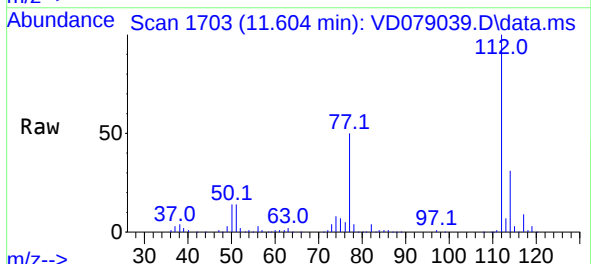
Instrument :
MSVOA_D
ClientSampleId :

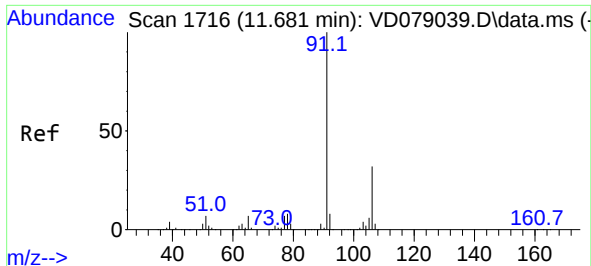
Tgt Ion:107 Resp: 80459
Ion Ratio Lower Upper
107 100
109 98.1 67.0 124.4
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 26.360 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:112 Resp: 301567
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.9
77 50.0 39.4 59.0

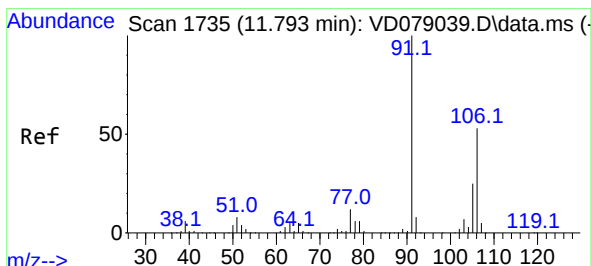
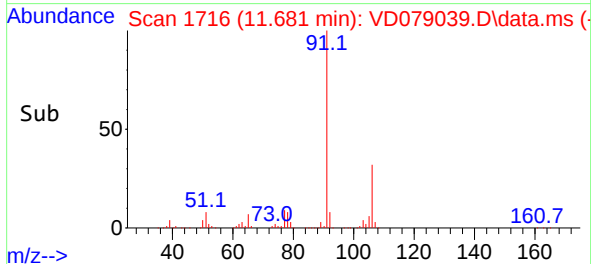
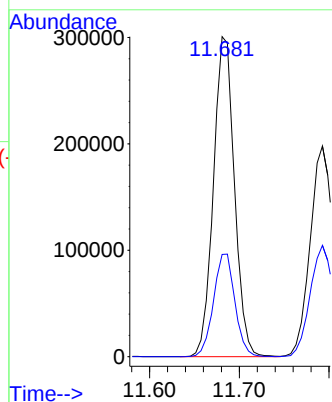
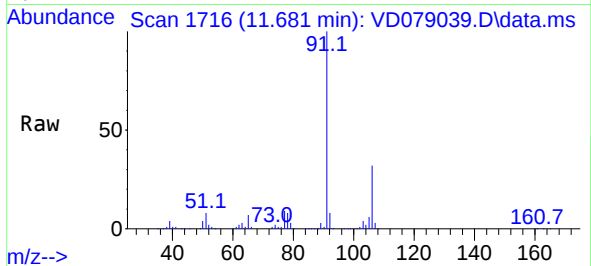




#52
Ethylbenzene
Concen: 27.978 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

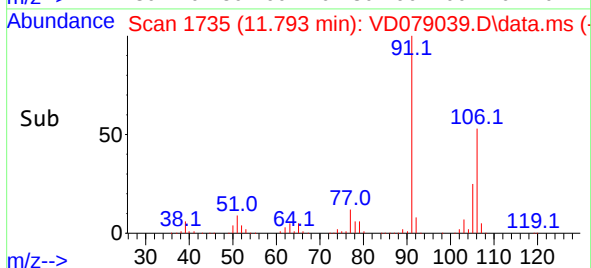
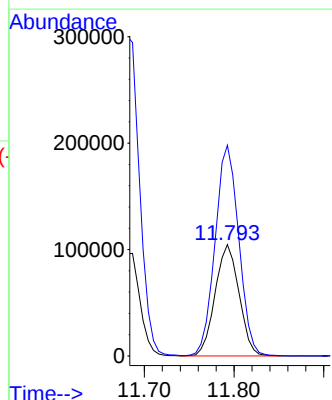
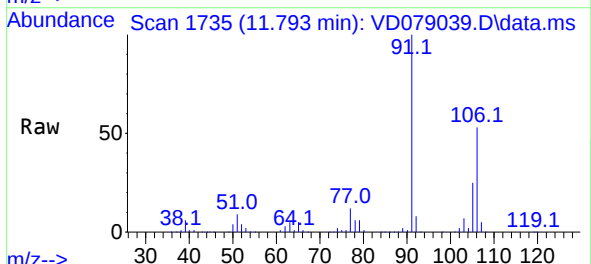
Instrument :
MSVOA_D
ClientSampleId :

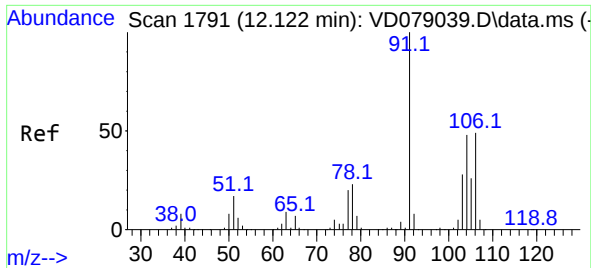
Tgt Ion: 91 Resp: 488984
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 27.705 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:106 Resp: 193706
Ion Ratio Lower Upper
106 100
91 189.2 128.3 238.3

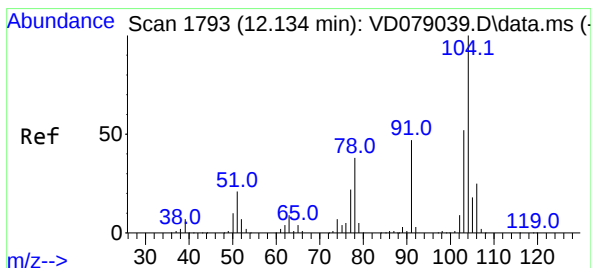
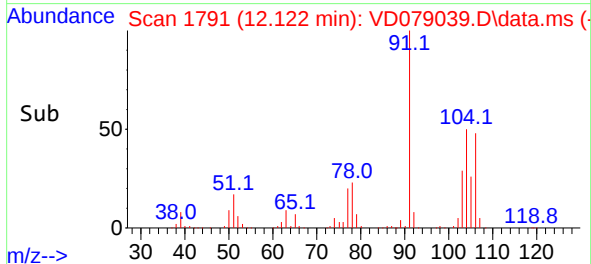
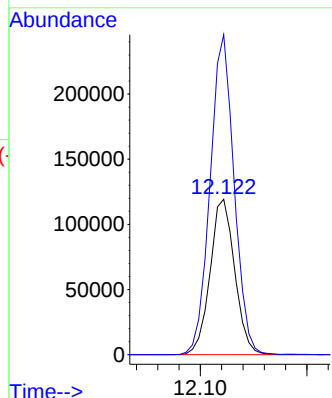
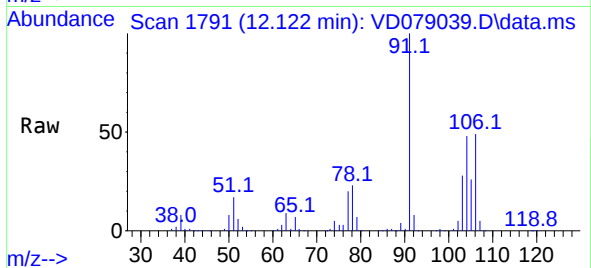




#54
o-Xylene
Concen: 28.128 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

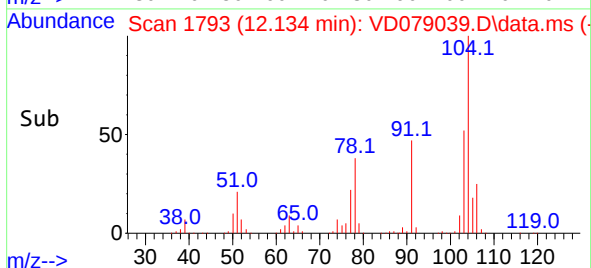
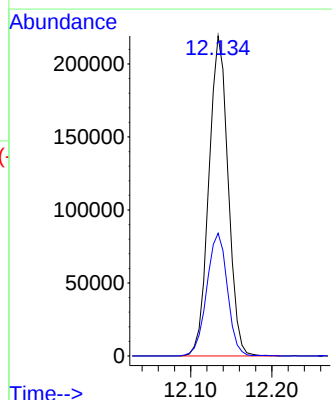
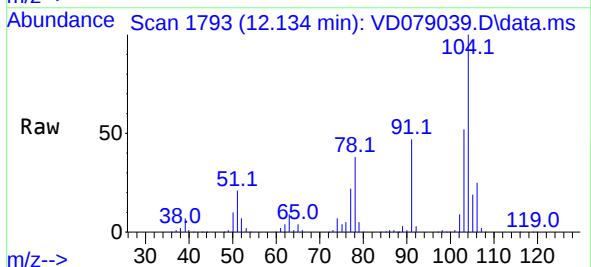
Instrument :
MSVOA_D
ClientSampleId :

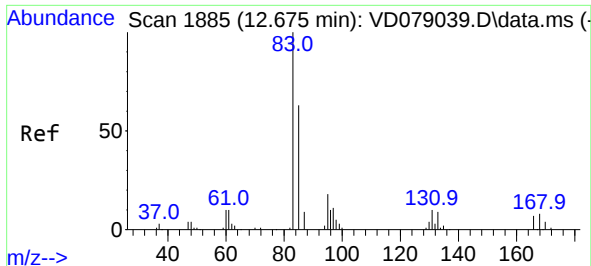
Tgt Ion:106 Resp: 191547
Ion Ratio Lower Upper
106 100
91 205.7 138.3 256.9



#55
Styrene
Concen: 29.956 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:104 Resp: 360486
Ion Ratio Lower Upper
104 100
78 38.4 27.8 51.6

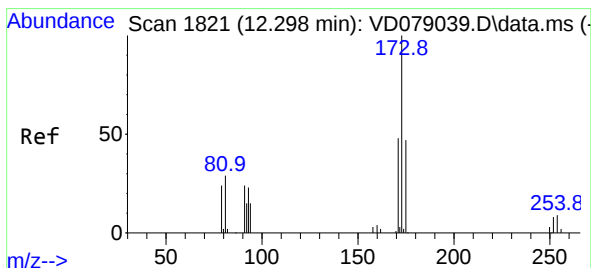
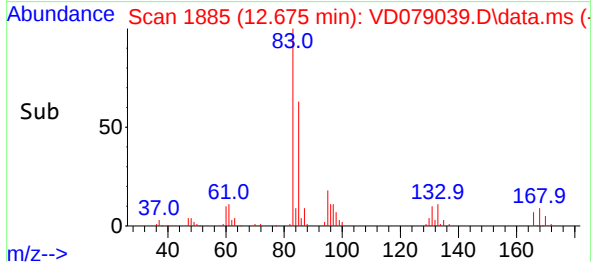
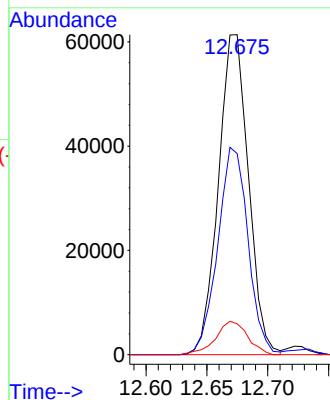
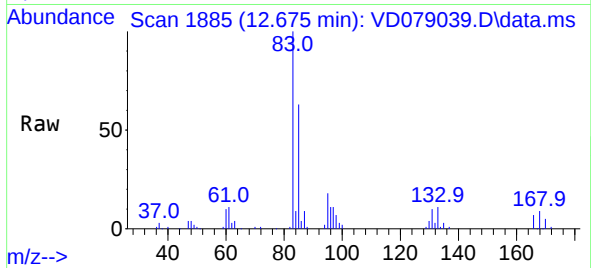




#57
1,1,2,2-Tetrachloroethane
Concen: 25.491 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

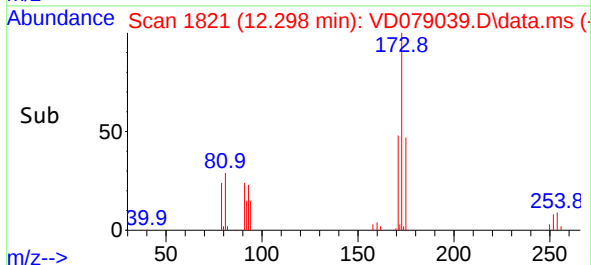
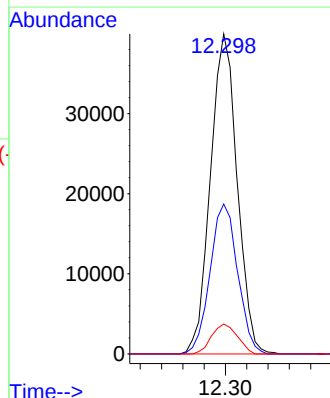
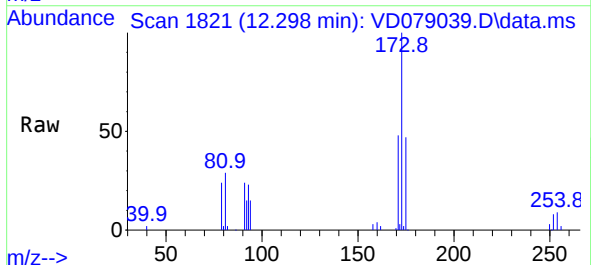
Instrument :
MSVOA_D
ClientSampleId :

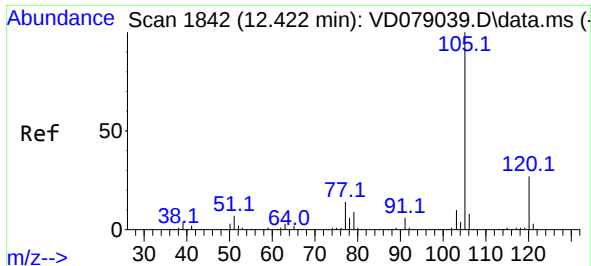
Tgt Ion: 83 Resp: 105526
Ion Ratio Lower Upper
83 100
85 62.8 44.3 82.3
131 9.7 7.5 11.3



#59
Bromoform
Concen: 27.119 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

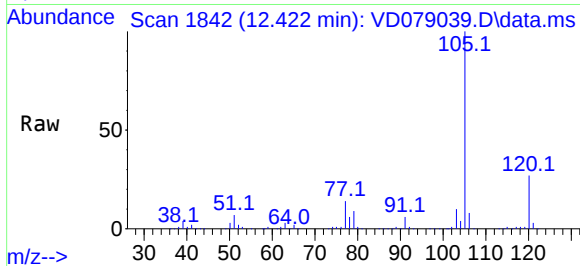
Tgt Ion:173 Resp: 69635
Ion Ratio Lower Upper
173 100
175 48.3 40.0 60.0
254 9.0 6.3 9.5



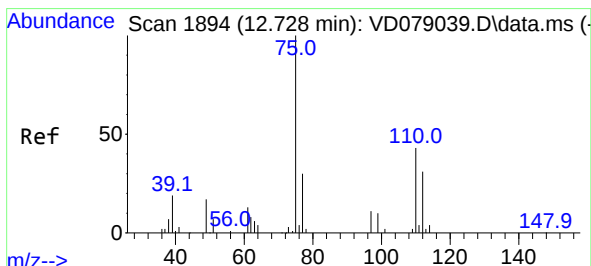
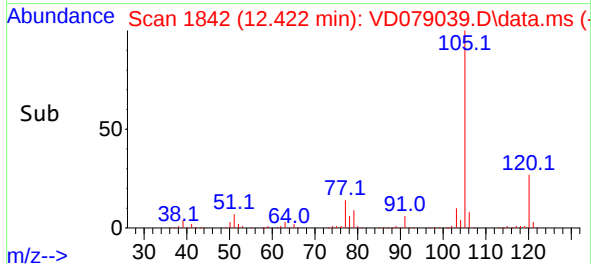
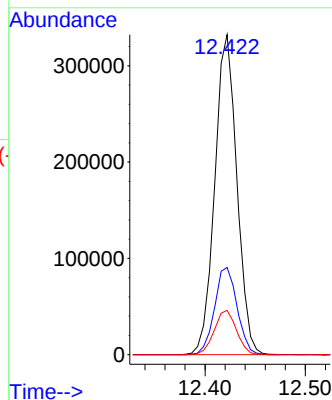


#60
Isopropylbenzene
Concen: 30.336 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :

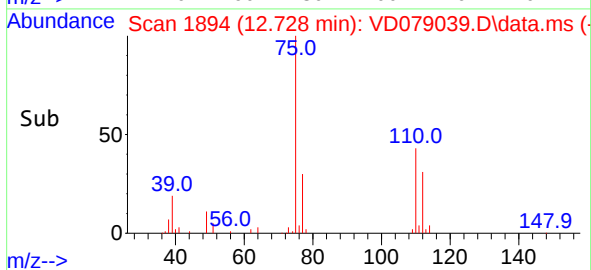
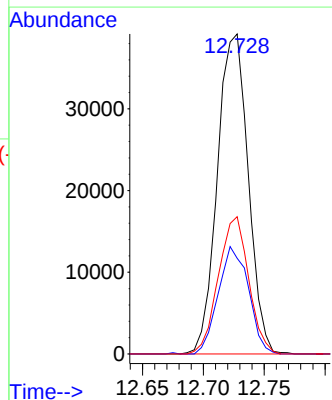
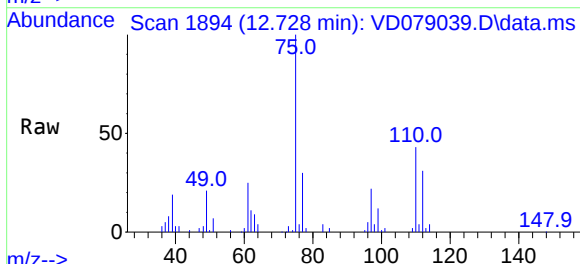


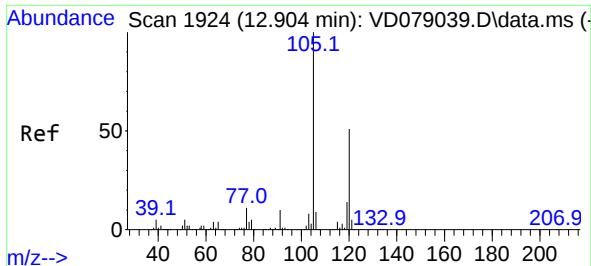
Tgt Ion:105 Resp: 508822
Ion Ratio Lower Upper
105 100
120 27.8 21.8 32.8
77 14.0 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 26.562 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion: 75 Resp: 69078
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 42.1 37.1 55.7

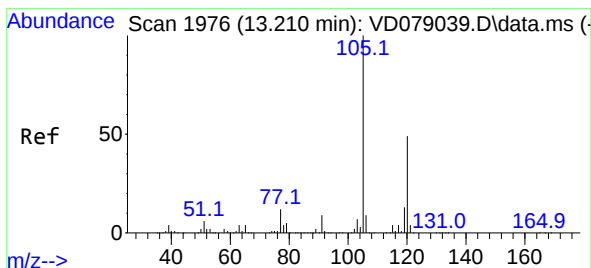
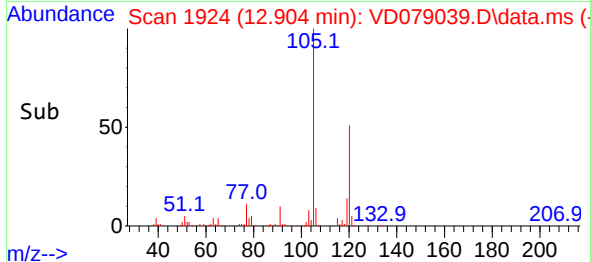
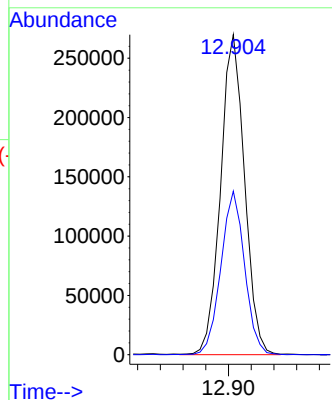
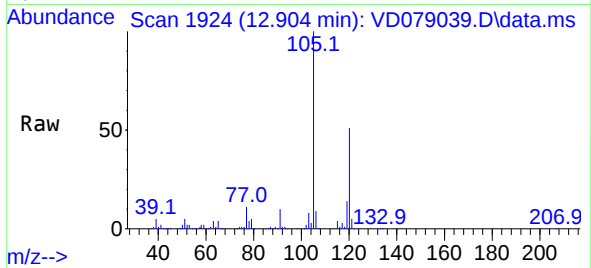




#62
1,3,5-Trimethylbenzene
Concen: 31.908 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

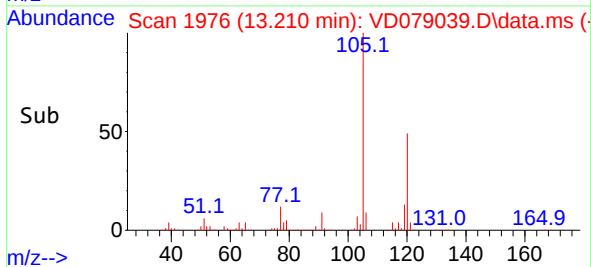
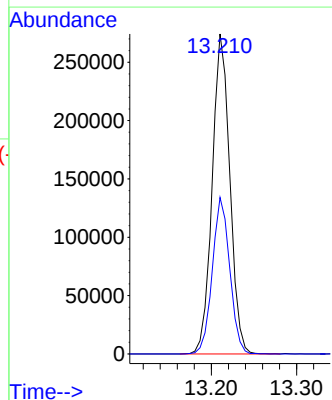
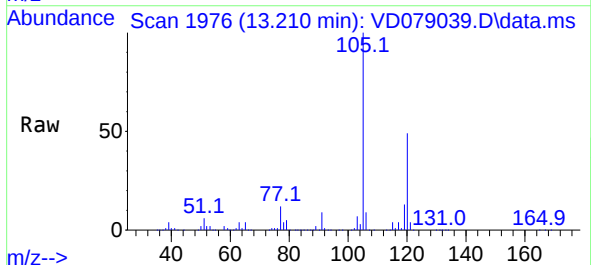
Instrument :
MSVOA_D
ClientSampleId :

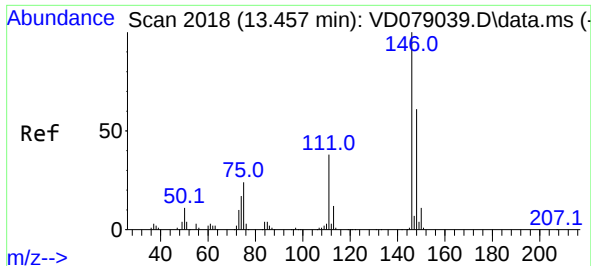
Tgt Ion:105 Resp: 395594
Ion Ratio Lower Upper
105 100
120 50.6 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 31.277 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

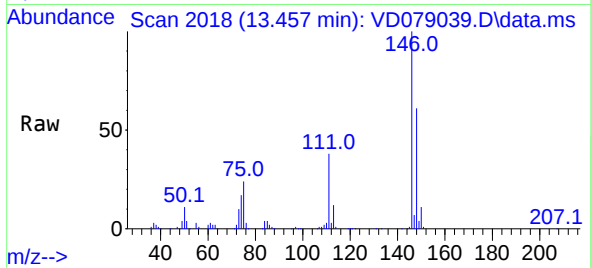
Tgt Ion:105 Resp: 394040
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



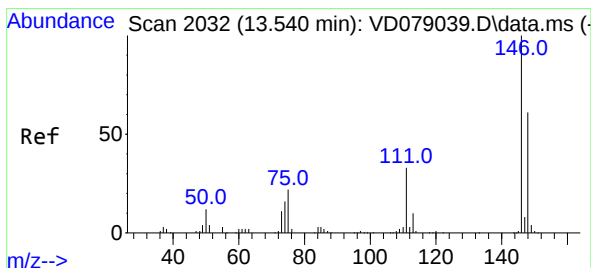
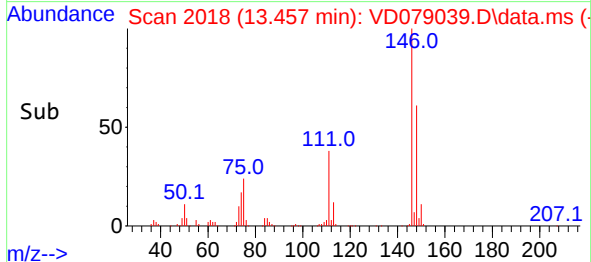
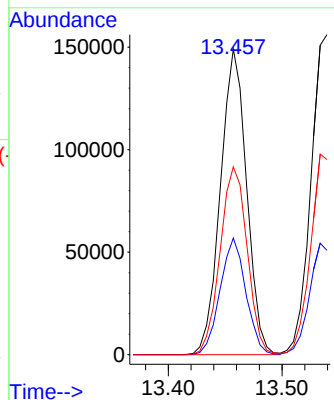


#64
1,3-Dichlorobenzene
Concen: 29.302 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :

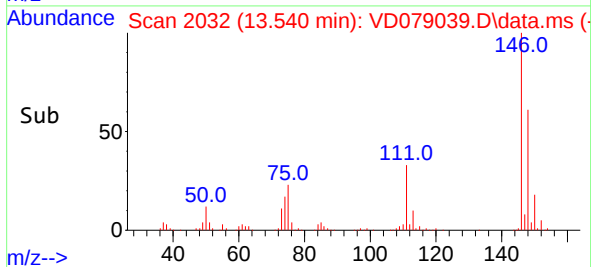
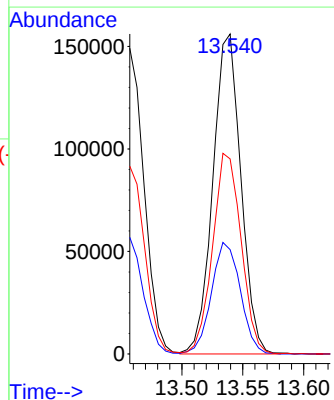
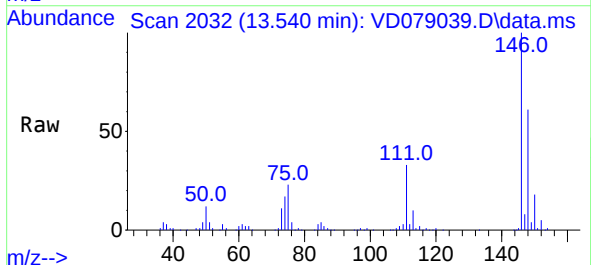


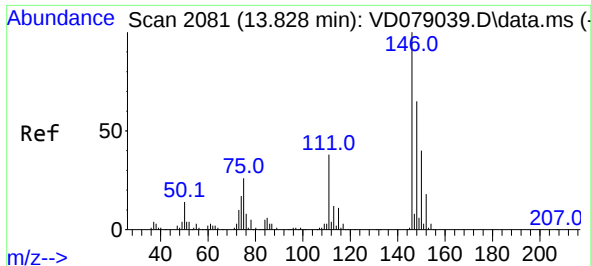
Tgt Ion:146 Resp: 238696
Ion Ratio Lower Upper
146 100
111 38.2 24.0 44.6
148 61.4 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 28.461 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:146 Resp: 249961
Ion Ratio Lower Upper
146 100
111 32.6 26.9 50.1
148 60.9 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 28.631 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

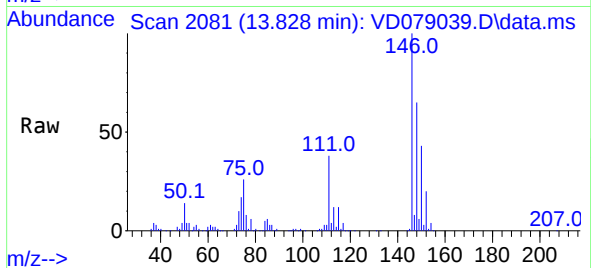
Lab File: VD079039.D

Acq: 28 May 2024 08:56

Instrument :

MSVOA_D

ClientSampleId :



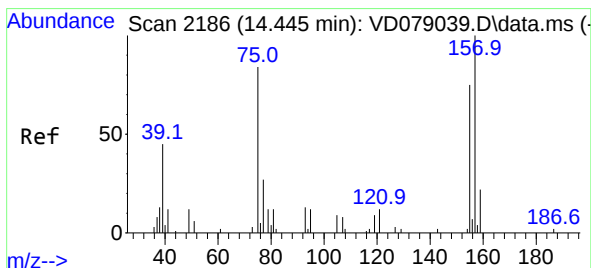
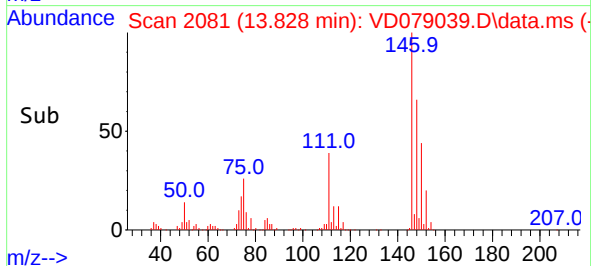
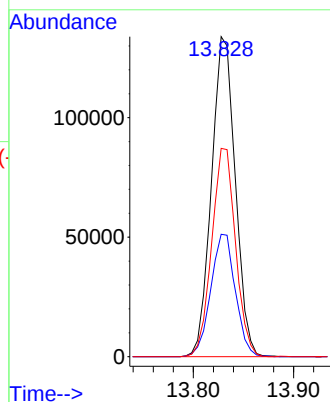
Tgt Ion:146 Resp: 220741

Ion Ratio Lower Upper

146 100

111 38.3 30.9 46.3

148 65.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.713 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079039.D

Acq: 28 May 2024 08:56

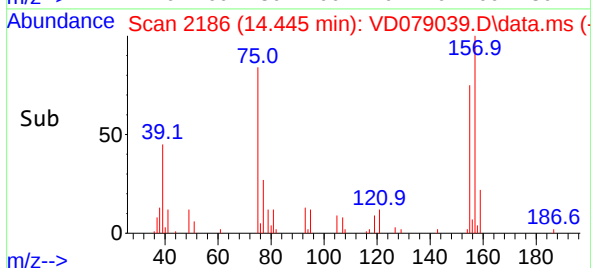
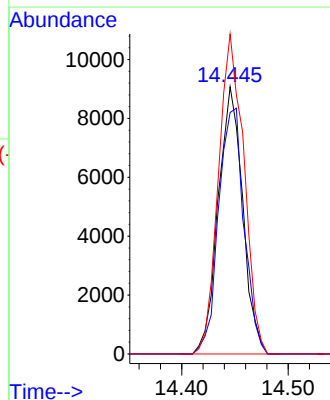
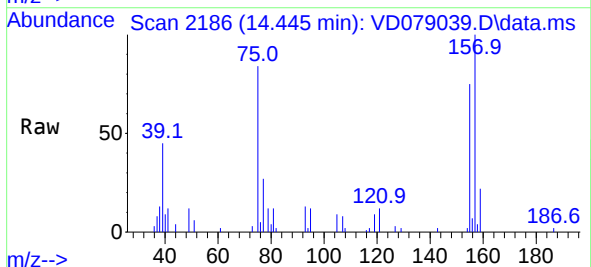
Tgt Ion: 75 Resp: 14471

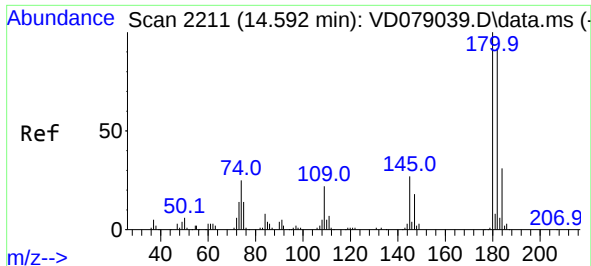
Ion Ratio Lower Upper

75 100

155 90.3 79.8 119.6

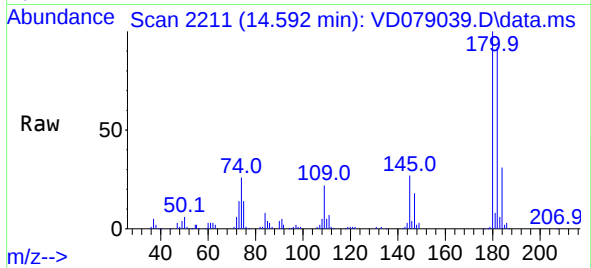
157 119.8 99.9 149.9



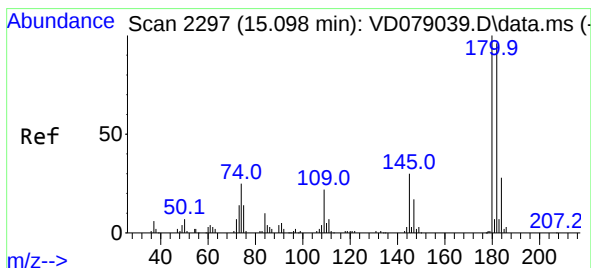
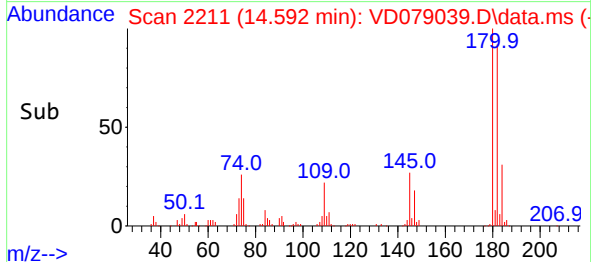
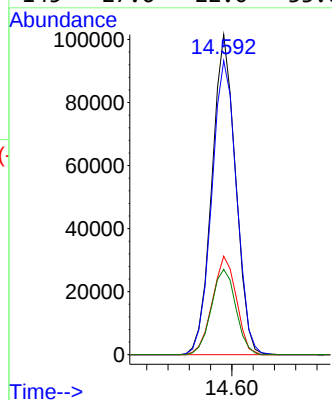


#69
1,3,5-Trichlorobenzene
Concen: 29.570 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :

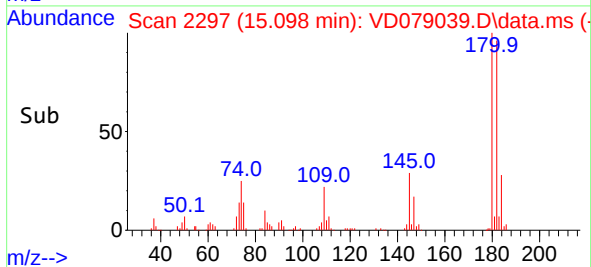
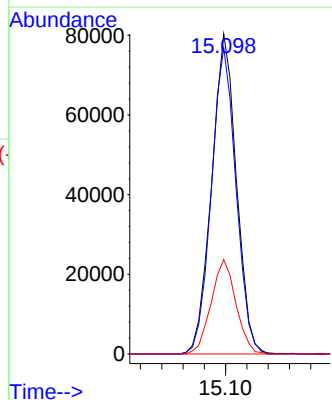
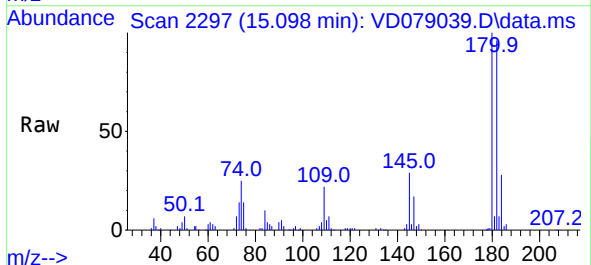


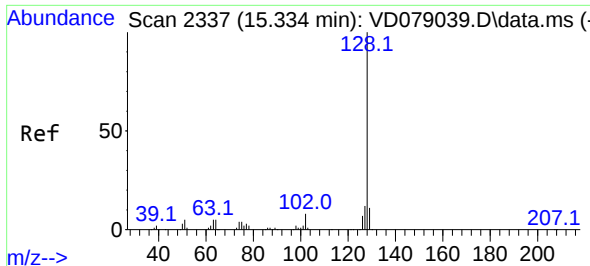
Tgt Ion:180 Resp: 156445
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
184 31.1 24.9 37.3
145 27.6 22.0 33.0



#70
1,2,4-trichlorobenzene
Concen: 28.928 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

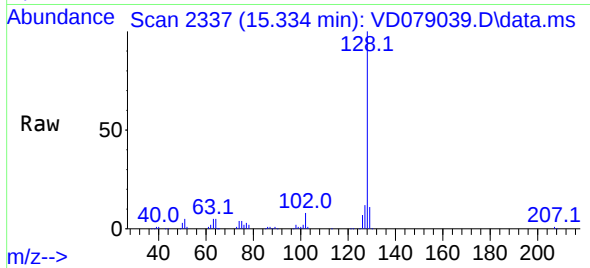
Tgt Ion:180 Resp: 129562
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
145 29.5 22.8 34.2



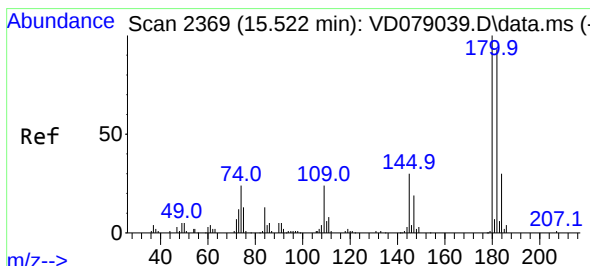
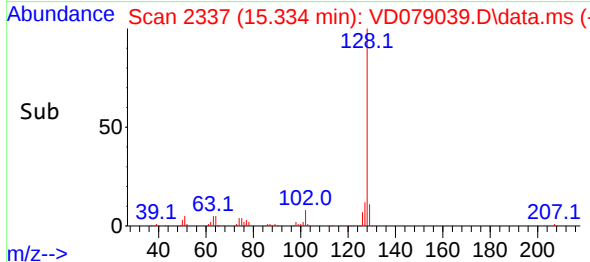
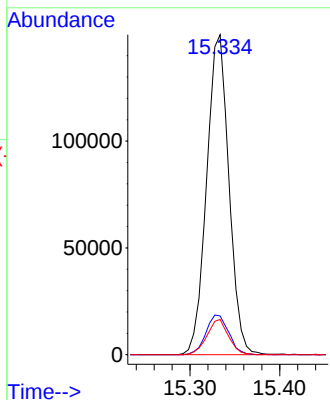


#71
Naphthalene
Concen: 28.274 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 258375
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 28.939 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079039.D
Acq: 28 May 2024 08:56

Tgt Ion:180 Resp: 121147
Ion Ratio Lower Upper
180 100
182 97.6 77.2 115.8
145 31.6 24.4 36.6

