

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079134.D
 Acq On : 03 Jun 2024 19:59
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:08:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	187045	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188597	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	136756	23.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.793	69	132206	23.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	3.905	65	14207	13.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.600%
21) 2-Butanone-d5	6.987	46	24264	55.114	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.220%
24) Chloroform-d	7.563	84	122310	23.387	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	8.228	65	59558	24.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.199	84	247802	23.702	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.210	67	68517	22.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	10.269	98	231502	23.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	10.522	79	31601	24.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.875	63	22586	58.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.020%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	70414	26.396	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	13.810	152	80811	23.087	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67424	22.771	ug/L	99
3) Chloromethane	2.146	50	120903	30.636	ug/L	95
5) Vinyl chloride	2.275	62	172756	26.522	ug/L	99
6) Bromomethane	2.687	94	115546	22.978	ug/L	93
8) Chloroethane	2.828	64	125307	26.247	ug/L	97
9) Trichlorofluoromethane	3.164	101	115118	23.200	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	72244	24.280	ug/L	99
12) 1,1-Dichloroethene	3.928	96	61002	23.549	ug/L	92
13) Acetone	4.022	43	23798	37.338	ug/L	73
14) Carbon disulfide	4.264	76	213893	23.670	ug/L	98
15) Methyl Acetate	4.564	43	24856	28.622	ug/L	96
16) Methylene chloride	4.793	84	88909	26.677	ug/L	94
17) trans-1,2-Dichloroethene	5.305	96	71261	25.456	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	141759	28.552	ug/L	98
19) 1,1-Dichloroethane	6.111	63	117799	26.136	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	79736	27.354	ug/L	94
22) 2-Butanone	7.087	43	34081	50.900	ug/L	96
23) Bromochloromethane	7.422	128	40084	27.123	ug/L	92
25) Chloroform	7.593	83	133992	26.184	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

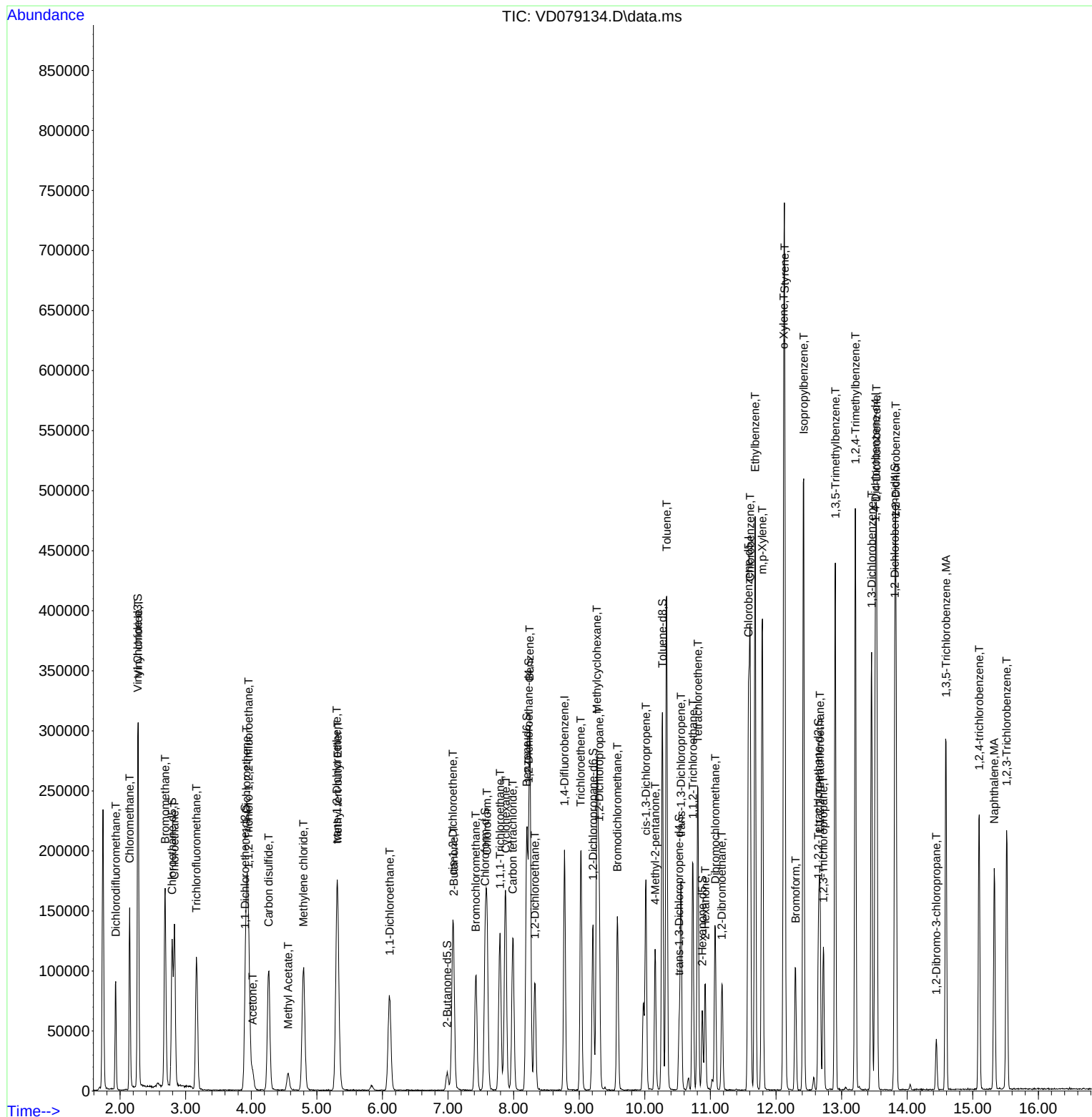
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80687	27.163	ug/L	97
29) Cyclohexane	7.881	56	86051	25.288	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	109736	24.576	ug/L	99
31) Carbon tetrachloride	7.987	117	99454	23.969	ug/L	100
33) Benzene	8.246	78	300492	26.751	ug/L	100
34) Trichloroethene	9.022	95	70354	24.318	ug/L	96
35) Methylcyclohexane	9.269	83	121920	25.433	ug/L	99
37) 1,2-Dichloropropane	9.304	63	73652	26.769	ug/L	98
38) Bromodichloromethane	9.581	83	101624	26.569	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	111679	26.002	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	70350	61.251	ug/L	96
42) Toluene	10.334	91	330771	26.519	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	99714	27.454	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	65668	27.205	ug/L	98
46) Tetrachloroethene	10.810	164	59052	23.181	ug/L	96
48) 2-Hexanone	10.922	43	51934	52.254	ug/L	96
49) Dibromochloromethane	11.075	129	76538	26.776	ug/L	93
50) 1,2-Dibromoethane	11.175	107	60891	27.449	ug/L	96
51) Chlorobenzene	11.604	112	213199	25.689	ug/L	97
52) Ethylbenzene	11.681	91	344465	26.476	ug/L	100
53) m,p-Xylene	11.793	106	138301	27.093	ug/L	93
54) o-Xylene	12.116	106	134221	27.216	ug/L	95
55) Styrene	12.134	104	249001	28.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	78310	28.983	ug/L	97
59) Bromoform	12.298	173	48316	25.992	ug/L	97
60) Isopropylbenzene	12.422	105	342772	25.559	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	50646	28.284	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	234343	25.557	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	255099	26.011	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	158086	24.538	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	170084	24.916	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	150632	25.292	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	10273	27.908	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.592	180	95744	23.563	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	78106	23.145	ug/L	98
71) Naphthalene	15.328	128	169257	26.819	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	77301	26.503	ug/L	97

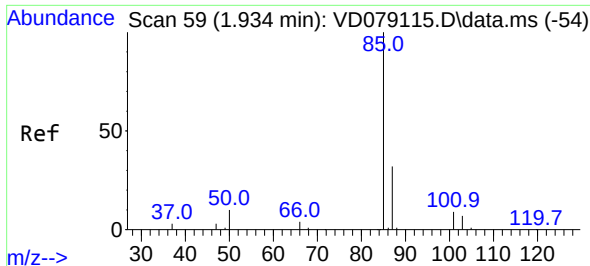
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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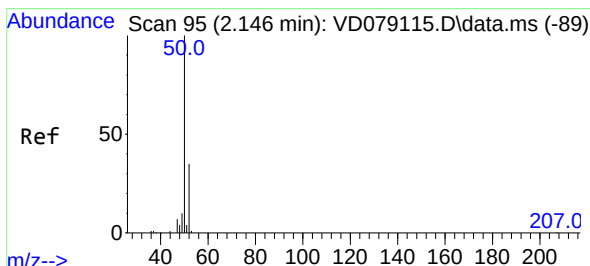
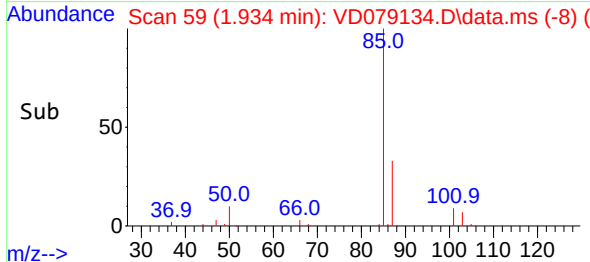
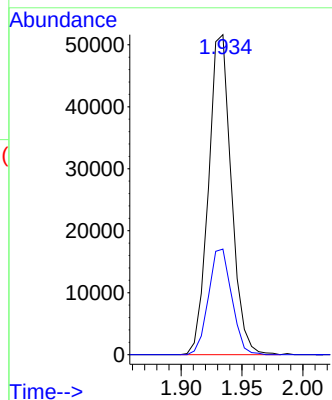
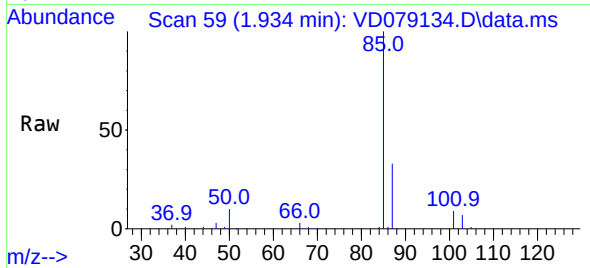




#2
Dichlorodifluoromethane
Concen: 22.771 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

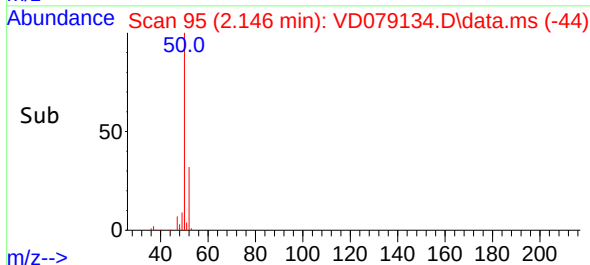
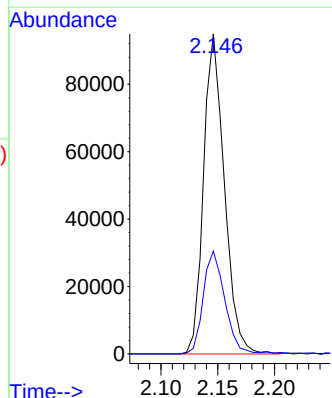
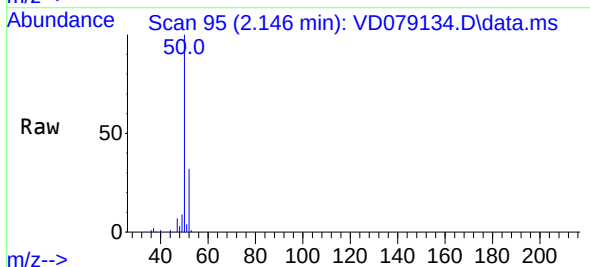
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ClientSampleId :

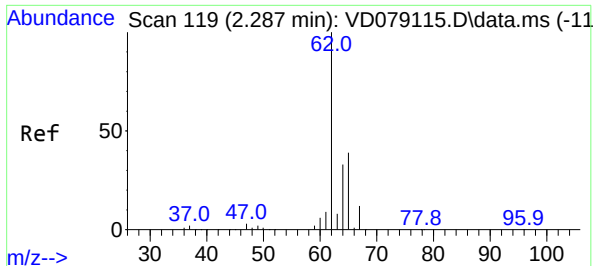
Tgt Ion: 85 Resp: 67424
Ion Ratio Lower Upper
85 100
87 33.6 26.2 39.4



#3
Chloromethane
Concen: 30.636 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 50 Resp: 120903
Ion Ratio Lower Upper
50 100
52 32.1 24.4 45.2

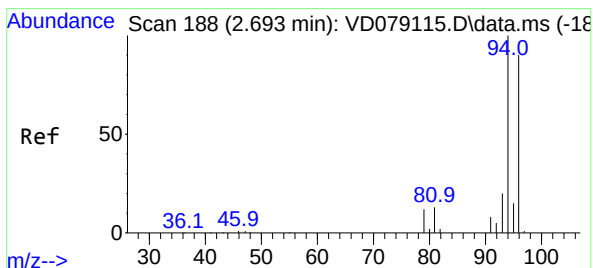
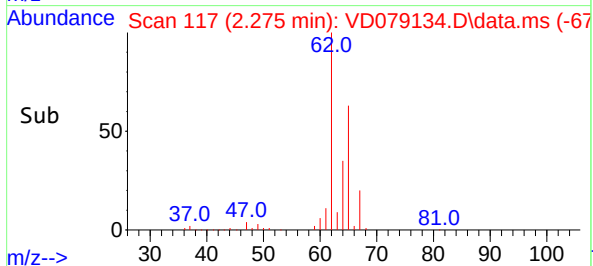
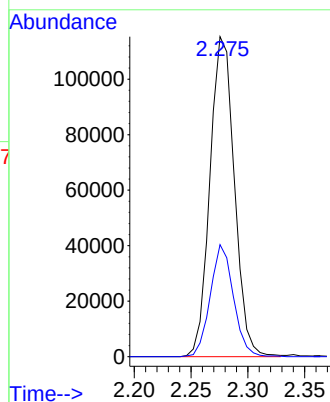
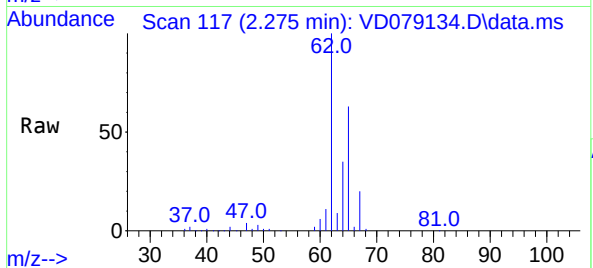




#5
Vinyl chloride
Concen: 26.522 ug/L
RT: 2.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

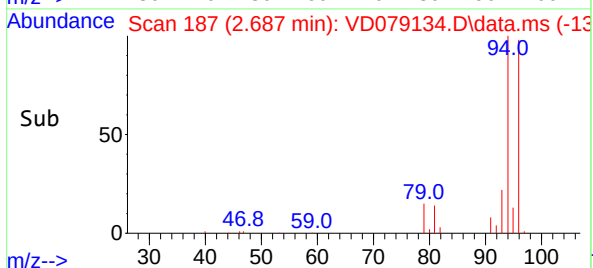
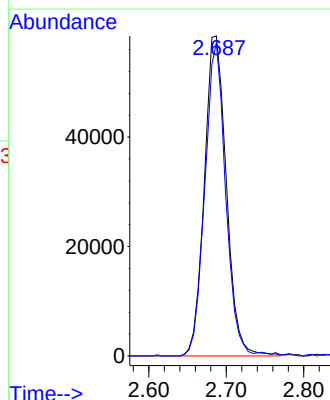
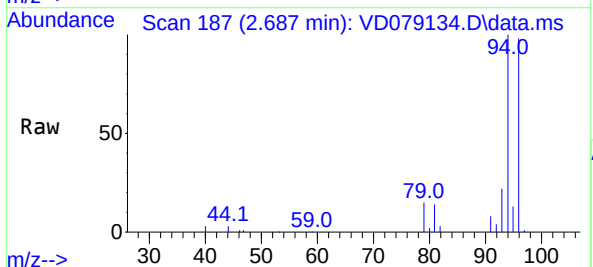
Instrument :
MSVOA_D
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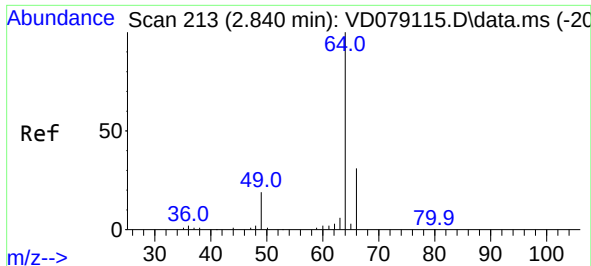
Tgt Ion: 62 Resp: 172756
Ion Ratio Lower Upper
62 100
64 35.0 24.8 46.1



#6
Bromomethane
Concen: 22.978 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 94 Resp: 115546
Ion Ratio Lower Upper
94 100
96 97.8 63.6 118.2

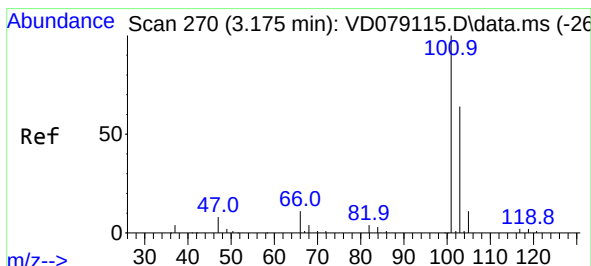
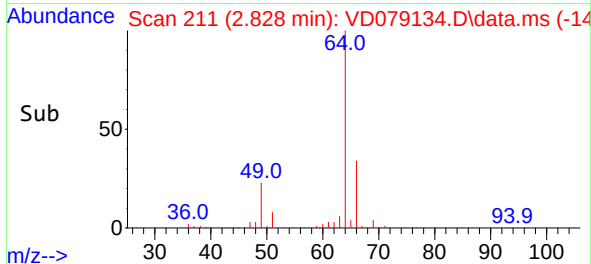
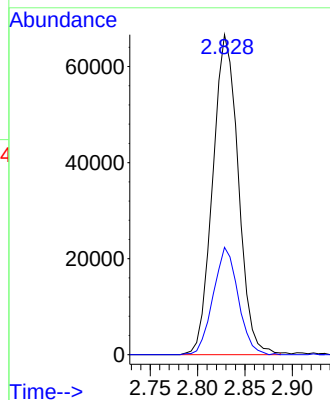
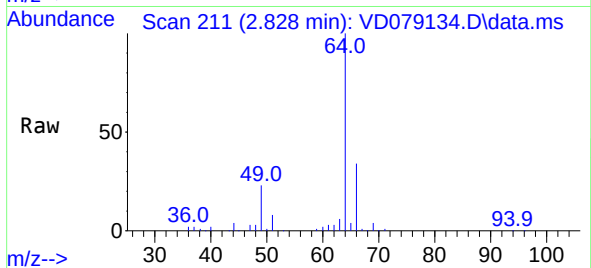




#8
Chloroethane
Concen: 26.247 ug/L
RT: 2.828 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

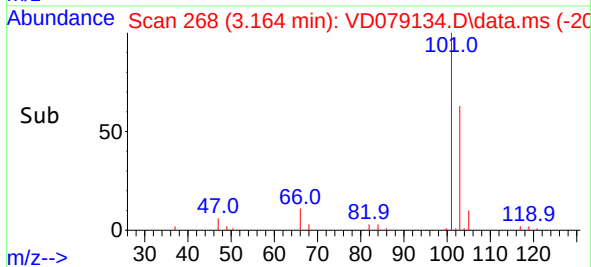
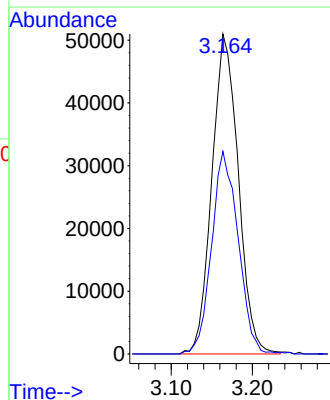
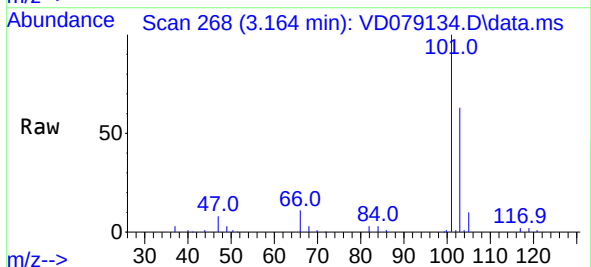
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MSVOA_D
ClientSampleId :

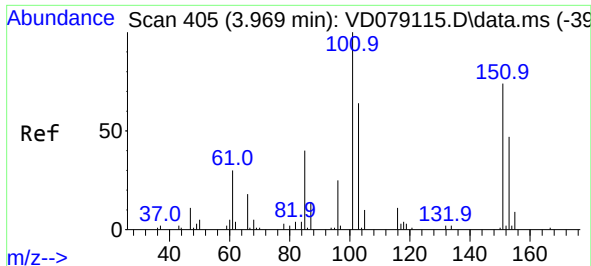
Tgt Ion: 64 Resp: 125307
Ion Ratio Lower Upper
64 100
66 33.6 24.8 46.1



#9
Trichlorofluoromethane
Concen: 23.200 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.012 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion:101 Resp: 115118
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

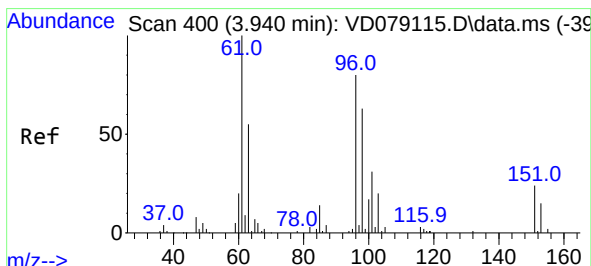
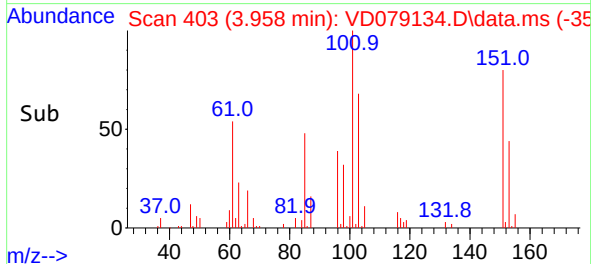
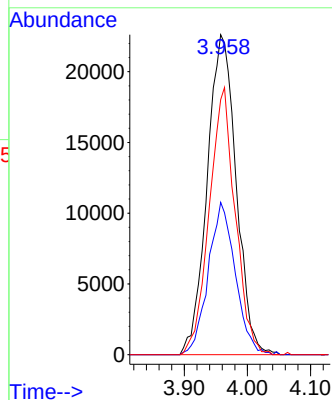
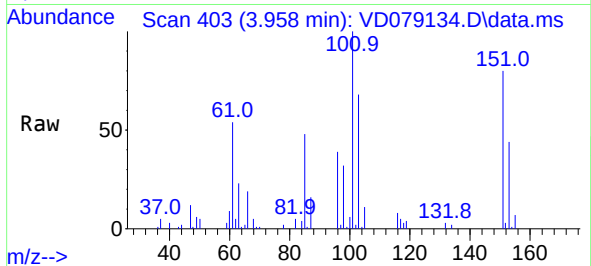




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.280 ug/L
RT: 3.958 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

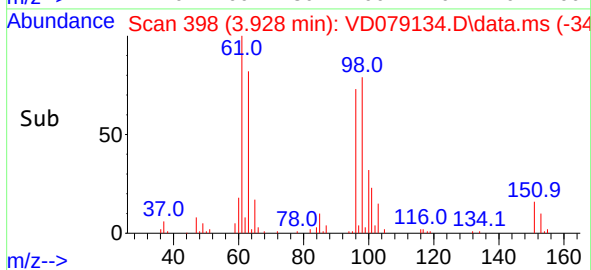
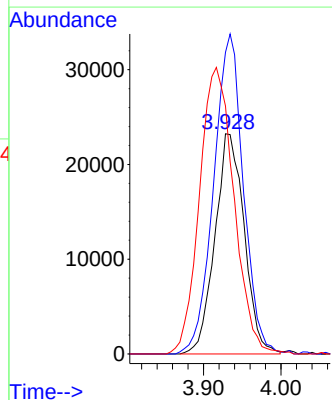
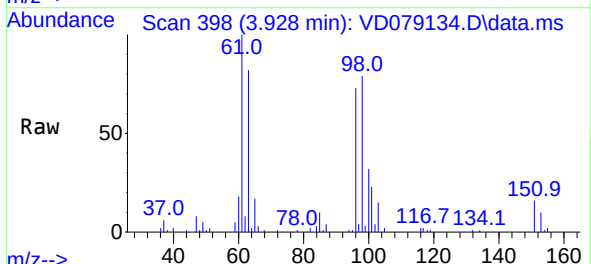
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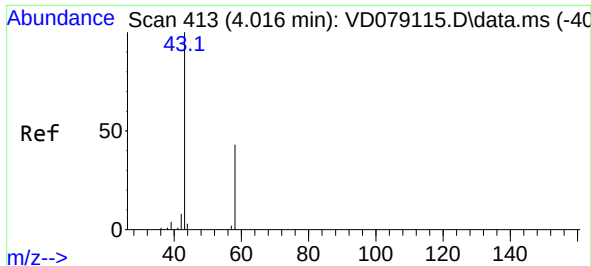
Tgt Ion:101 Resp: 72244
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 74.8 59.1 88.7



#12
1,1-Dichloroethene
Concen: 23.549 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.012 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 96 Resp: 61002
Ion Ratio Lower Upper
96 100
61 136.9 93.9 174.3
63 112.6 67.7 125.7

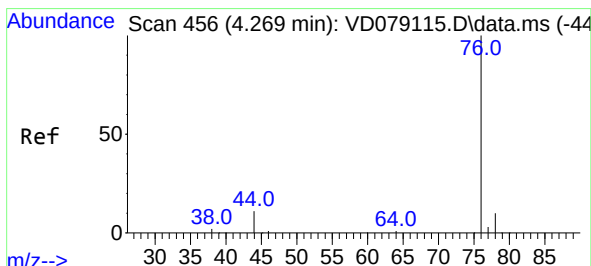
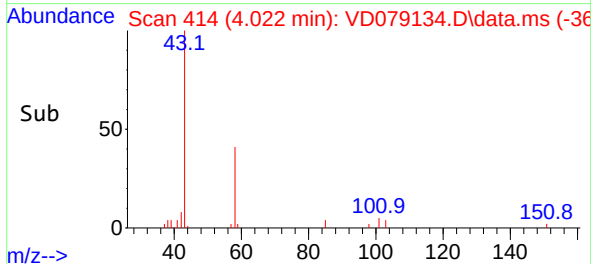
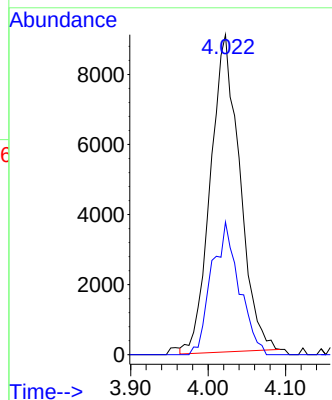
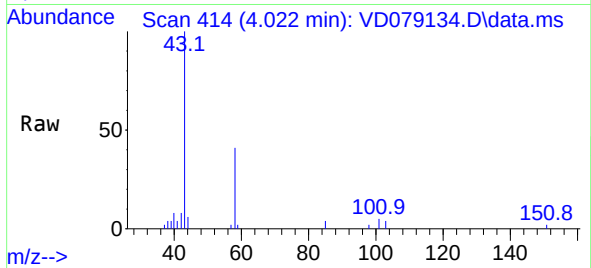




#13
Acetone
Concen: 37.338 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

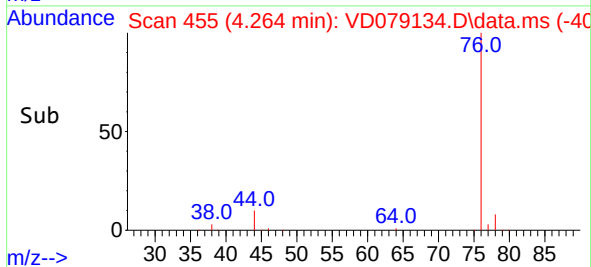
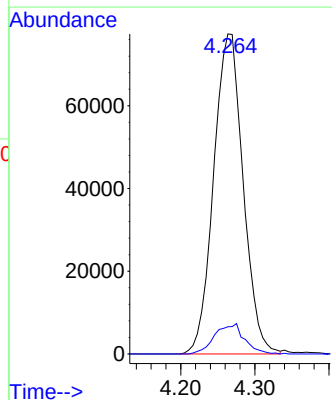
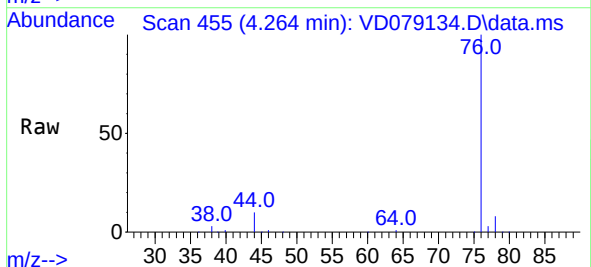
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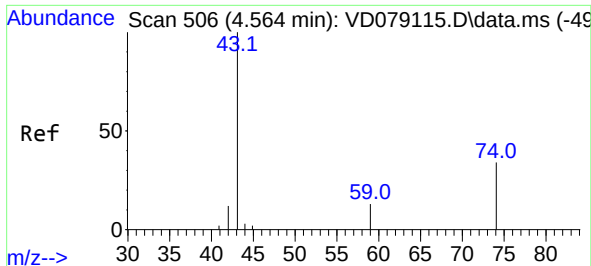
Tgt Ion: 43 Resp: 23798
Ion Ratio Lower Upper
43 100
58 22.7 0.0 78.2



#14
Carbon disulfide
Concen: 23.670 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.012 min
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Tgt Ion: 76 Resp: 213893
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

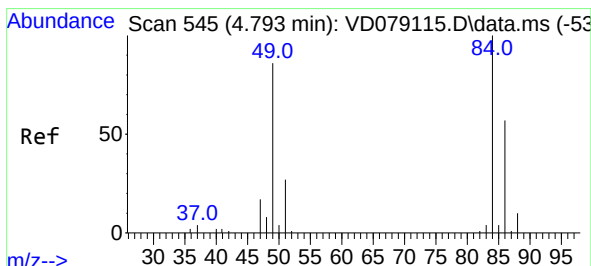
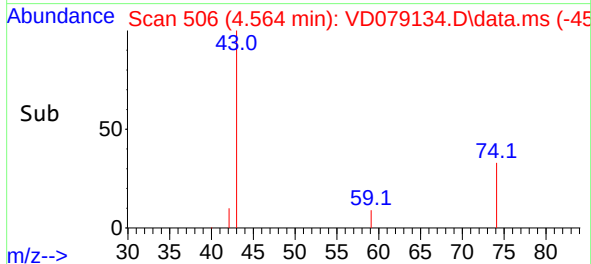
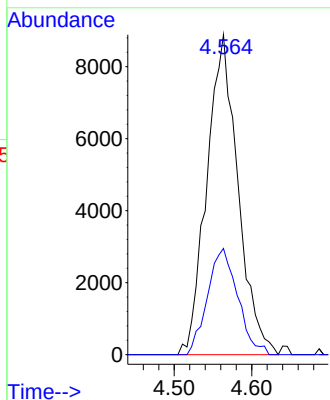
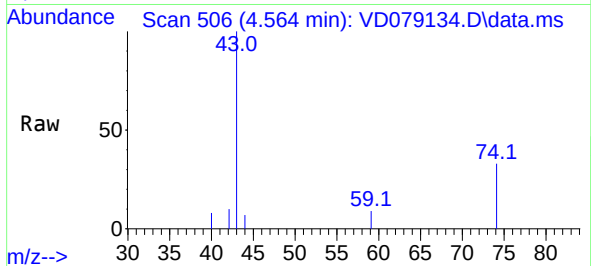




#15
Methyl Acetate
Concen: 28.622 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

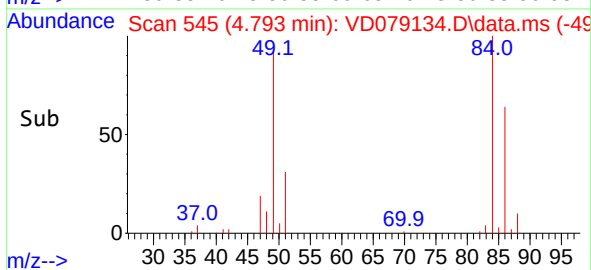
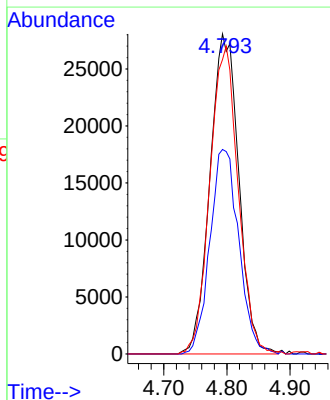
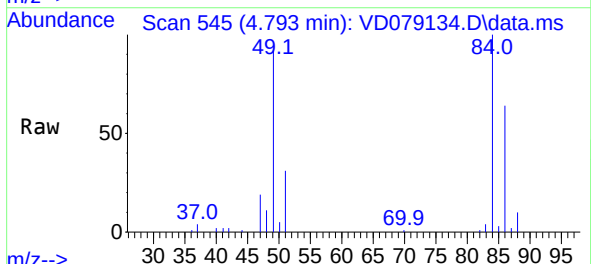
Instrument :
MSVOA_D
ClientSampleId :

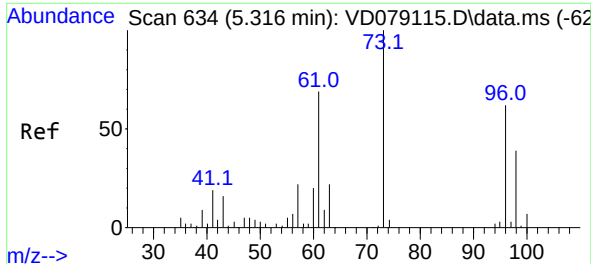
Tgt Ion: 43 Resp: 24856
Ion Ratio Lower Upper
43 100
74 31.8 23.8 35.6



#16
Methylene chloride
Concen: 26.677 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 84 Resp: 88909
Ion Ratio Lower Upper
84 100
86 63.9 40.9 76.0
49 92.0 67.5 125.3

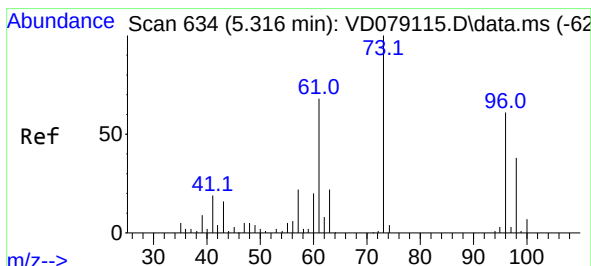
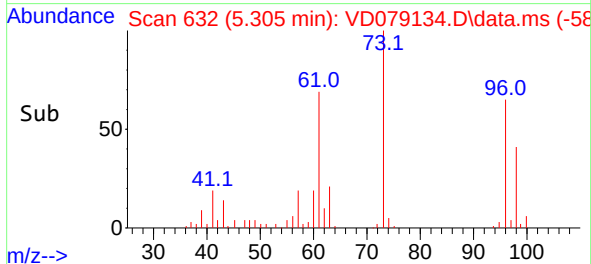
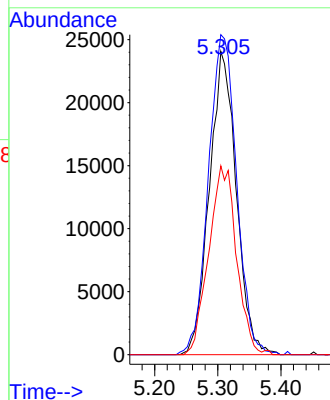
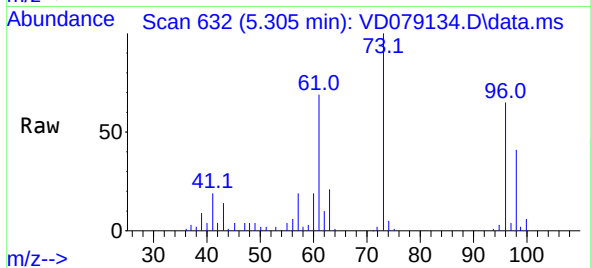




#17
trans-1,2-Dichloroethene
Concen: 25.456 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

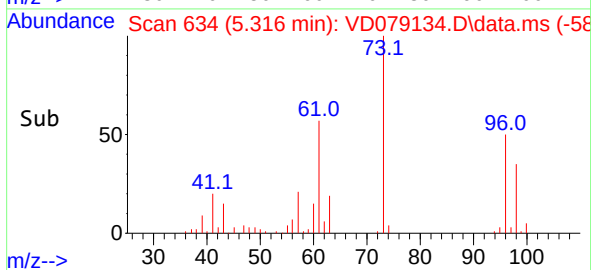
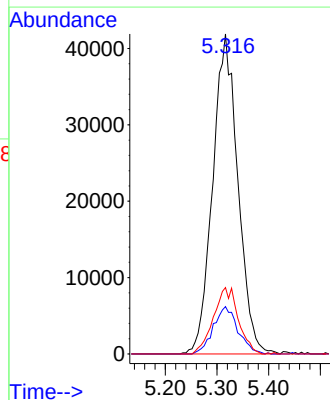
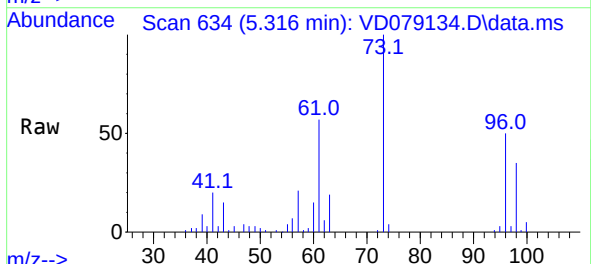
Instrument :
MSVOA_D
ClientSampleId :

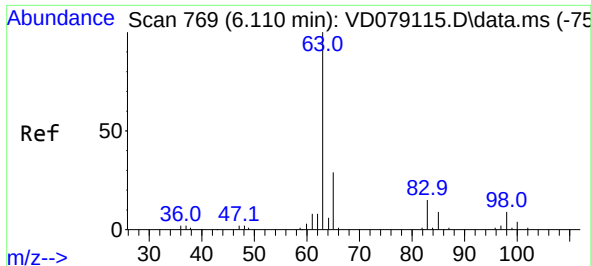
Tgt Ion: 96 Resp: 71261
Ion Ratio Lower Upper
96 100
61 105.6 71.9 133.5
98 62.3 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 28.552 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 73 Resp: 141759
Ion Ratio Lower Upper
73 100
43 14.5 12.0 18.0
57 12.9 9.6 14.4



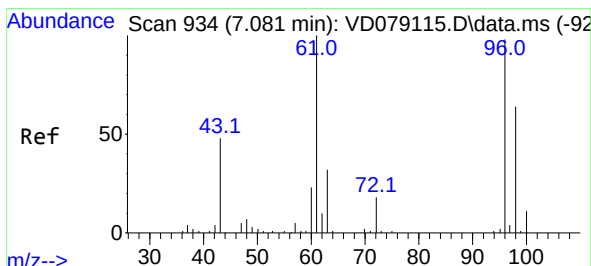
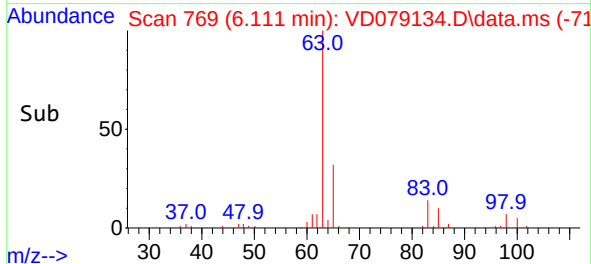
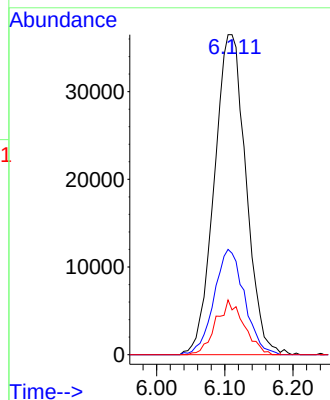
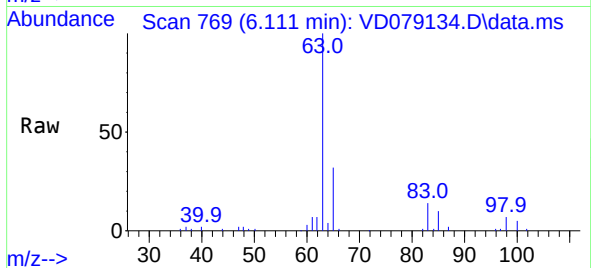


#19
1,1-Dichloroethane
Concen: 26.136 ug/L
RT: 6.111 min Scan# 70
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 117799

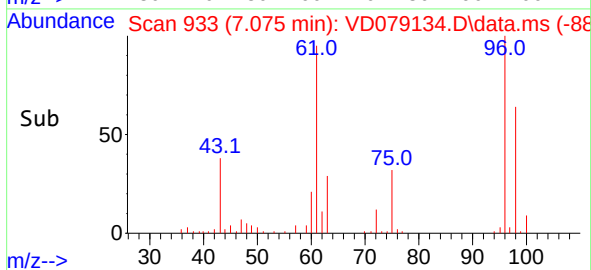
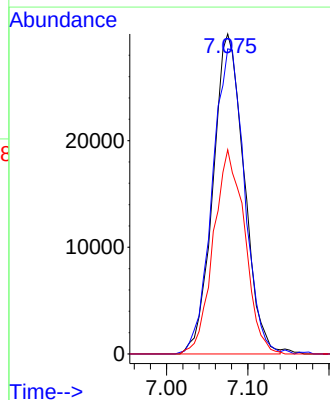
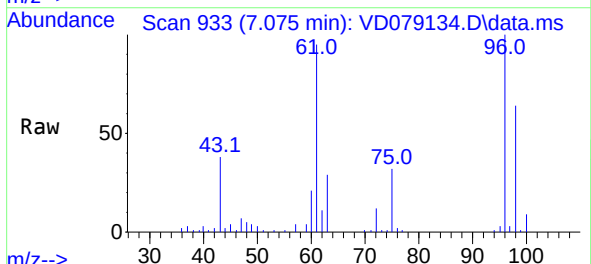
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.8	42.4
83	14.0	8.6	16.0

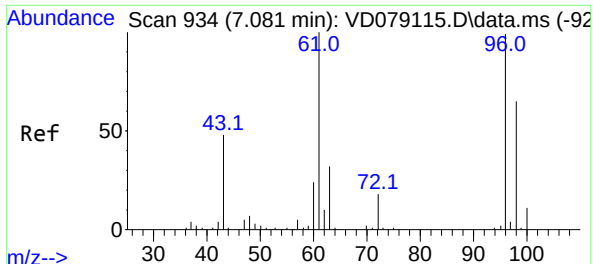


#20
cis-1,2-Dichloroethene
Concen: 27.354 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 96 Resp: 79736

Ion	Ratio	Lower	Upper
96	100		
61	95.4	72.6	134.8
98	63.8	43.8	81.3

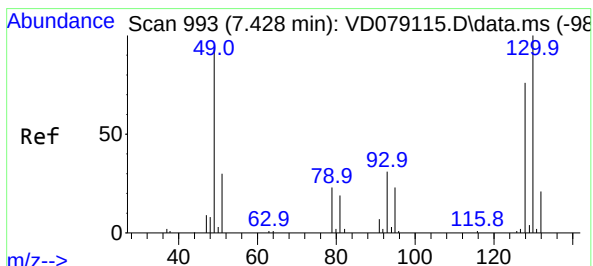
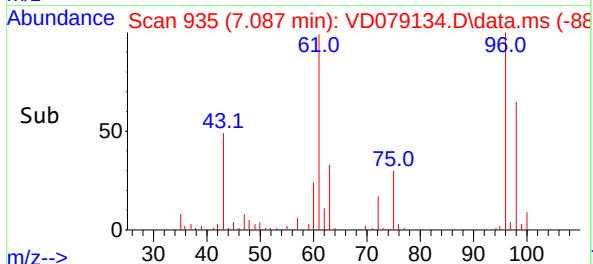
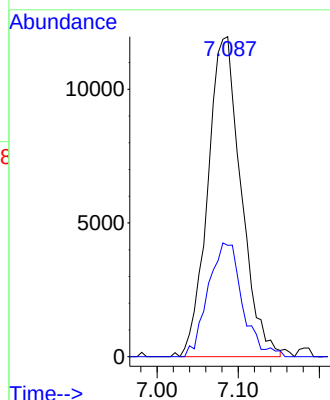
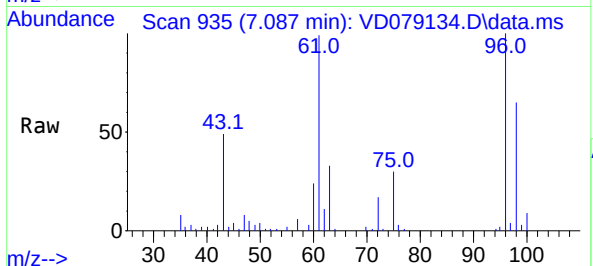




#22
2-Butanone
Concen: 50.900 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

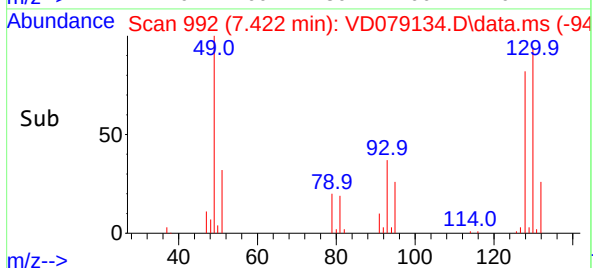
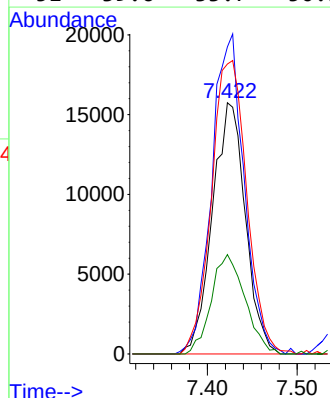
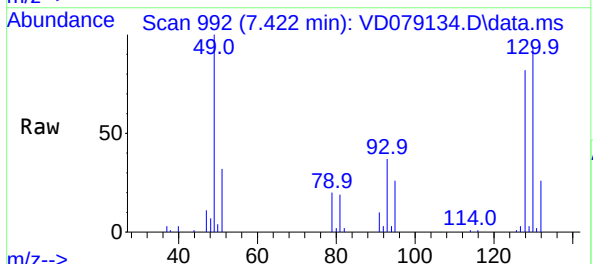
Instrument :
MSVOA_D
ClientSampleId :

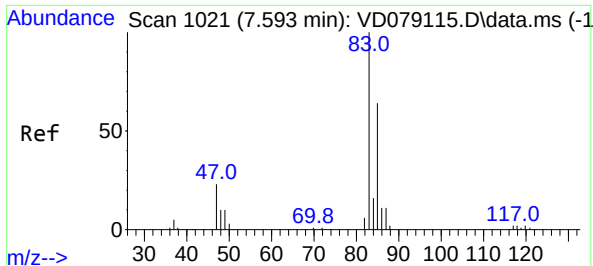
Tgt Ion: 43 Resp: 34081
Ion Ratio Lower Upper
43 100
72 35.8 19.3 57.8



#23
Bromochloromethane
Concen: 27.123 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion:128 Resp: 40084
Ion Ratio Lower Upper
128 100
49 122.2 81.8 151.8
130 115.4 90.4 167.8
51 39.6 33.7 50.5

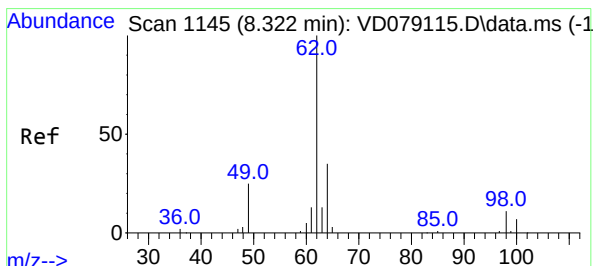
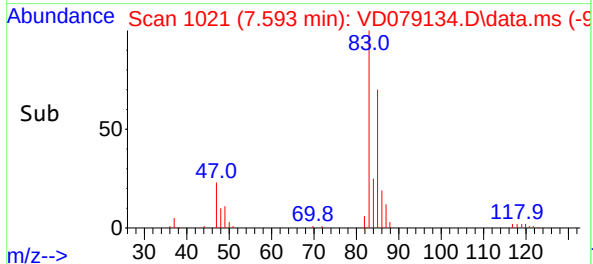
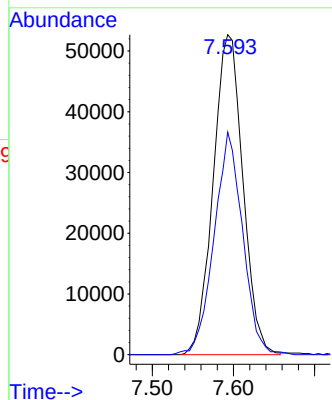
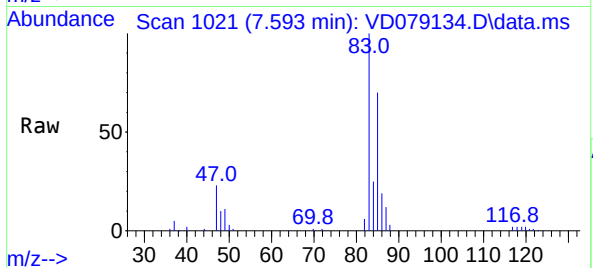




#25
Chloroform
Concen: 26.184 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

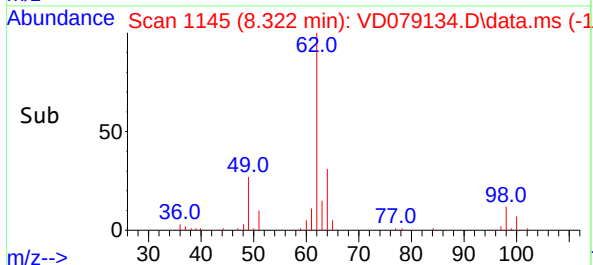
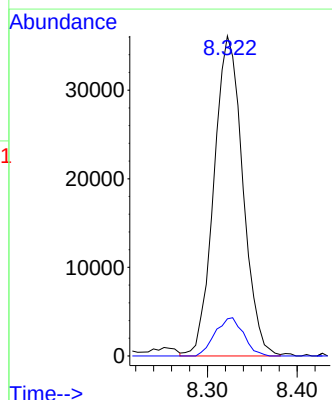
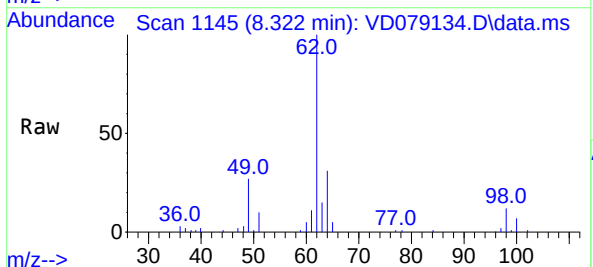
Instrument :
MSVOA_D
ClientSampleId :

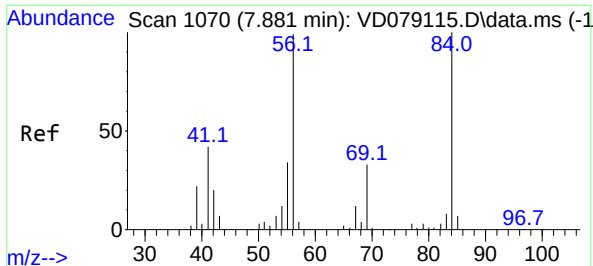
Tgt Ion: 83 Resp: 133992
Ion Ratio Lower Upper
83 100
85 69.5 47.9 89.1



#27
1,2-Dichloroethane
Concen: 27.163 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 62 Resp: 80687
Ion Ratio Lower Upper
62 100
98 11.6 8.2 12.4





#29

Cyclohexane

Concen: 25.288 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD079134.D

Acq: 03 Jun 2024 19:59

Instrument :

MSVOA_D

ClientSampleId :

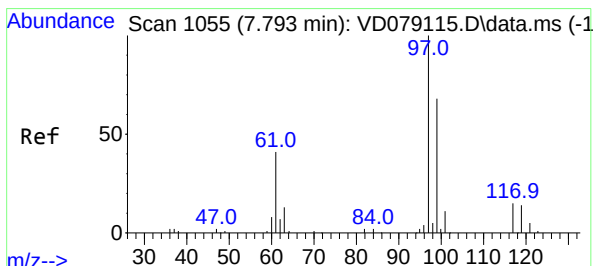
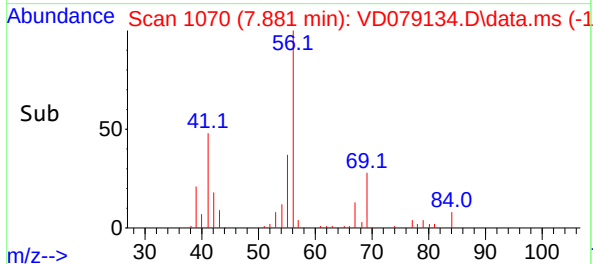
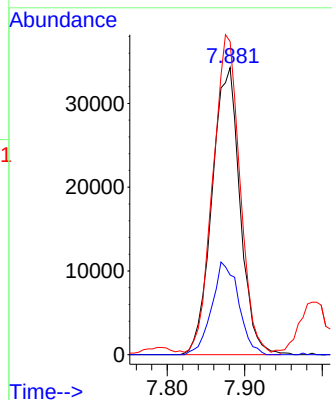
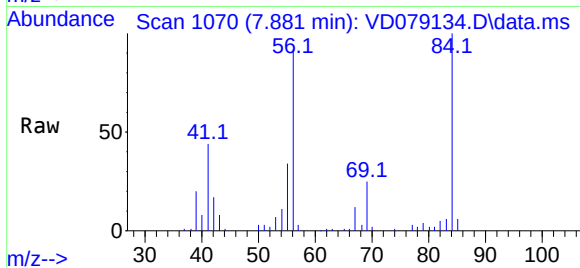
Tgt Ion: 56 Resp: 86051

Ion Ratio Lower Upper

56 100

69 31.0 26.6 40.0

84 108.1 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 24.576 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079134.D

Acq: 03 Jun 2024 19:59

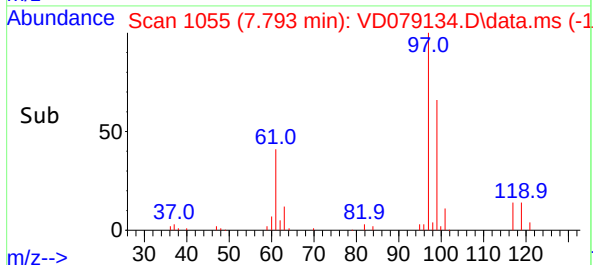
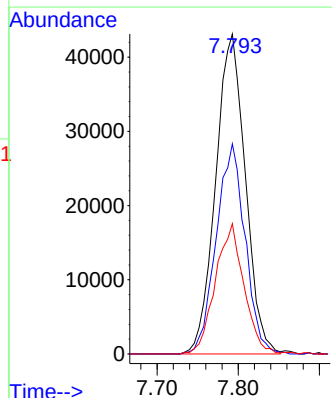
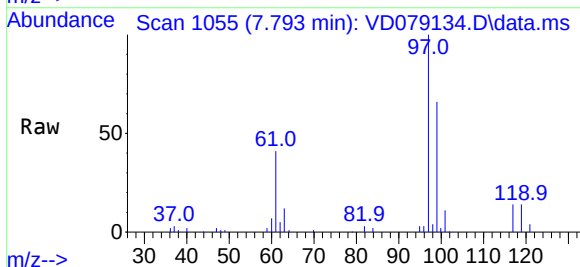
Tgt Ion: 97 Resp: 109736

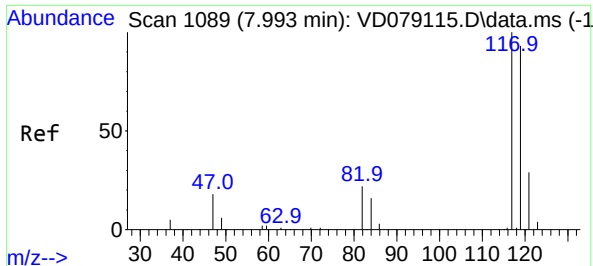
Ion Ratio Lower Upper

97 100

99 63.8 52.3 78.5

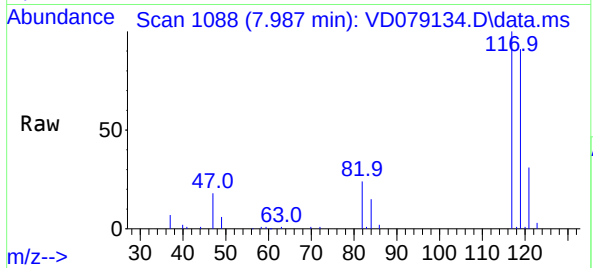
61 39.2 31.7 47.5



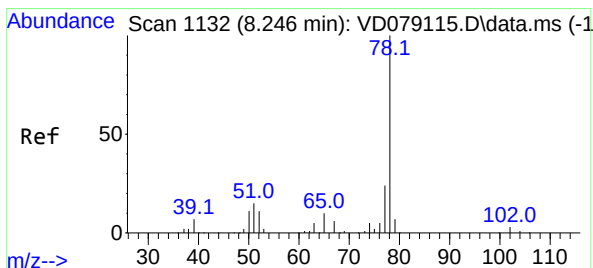
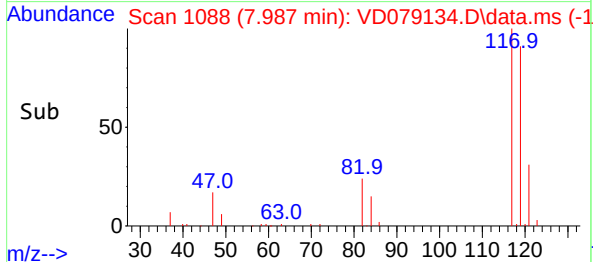
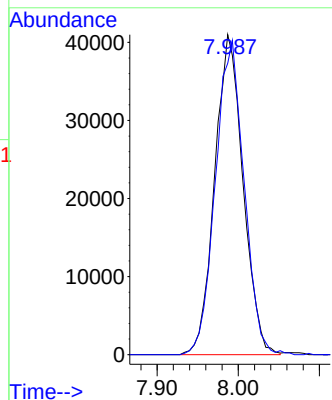


#31
Carbon tetrachloride
Concen: 23.969 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

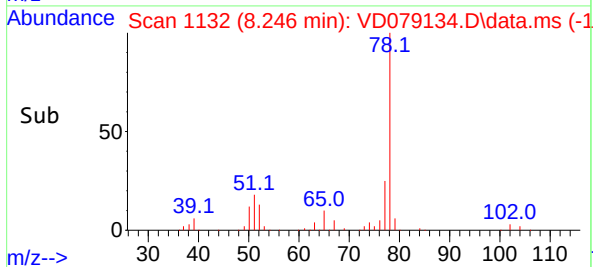
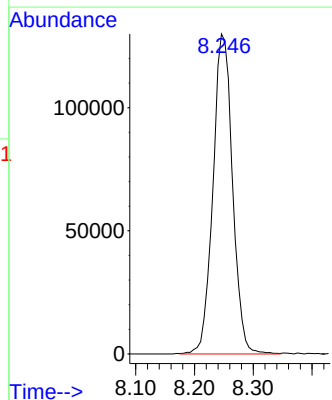
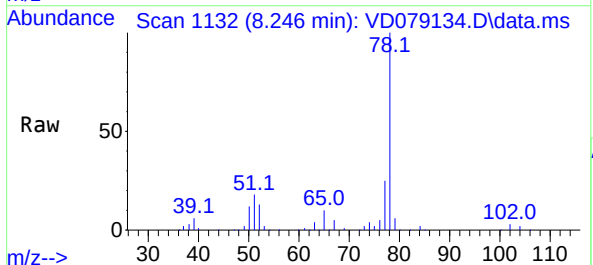


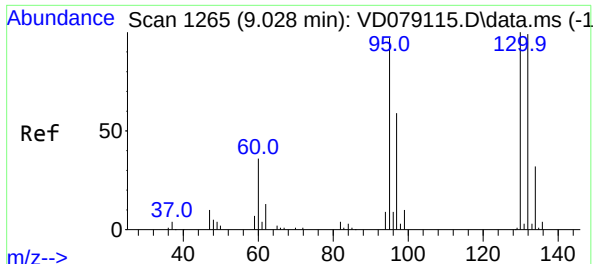
Tgt Ion:117 Resp: 99454
Ion Ratio Lower Upper
117 100
119 99.2 79.6 119.4



#33
Benzene
Concen: 26.751 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 78 Resp: 300492



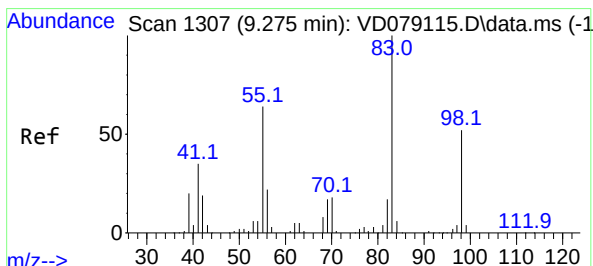
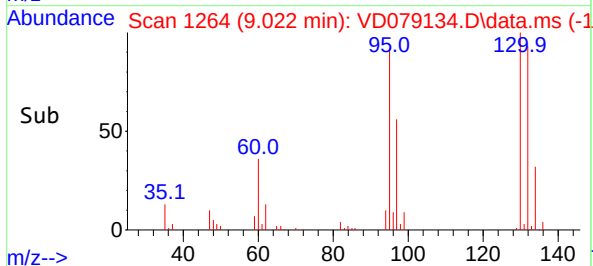
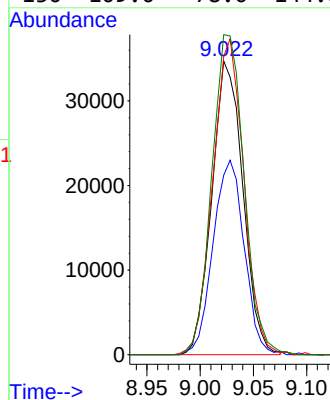
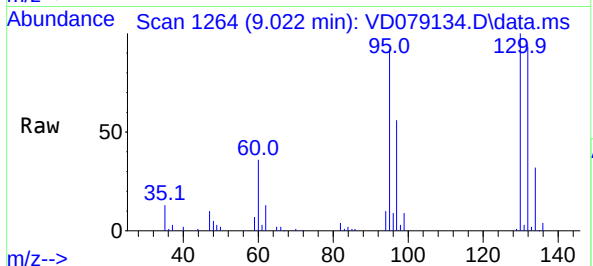


#34
Trichloroethene
Concen: 24.318 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 70354

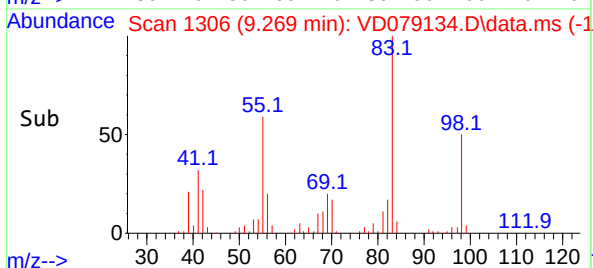
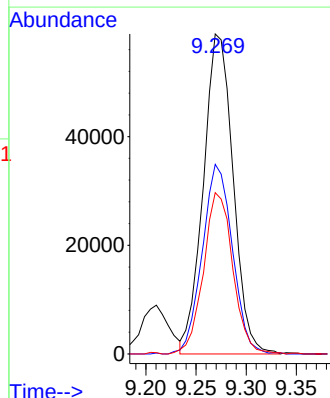
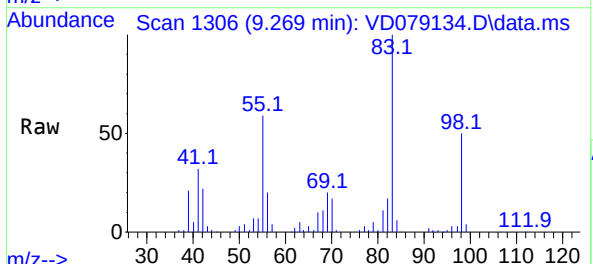
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.6	82.8
132	101.6	74.9	139.1
130	109.0	78.0	144.8

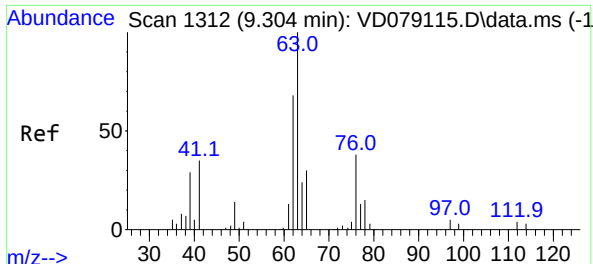


#35
Methylcyclohexane
Concen: 25.433 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 83 Resp: 121920

Ion	Ratio	Lower	Upper
83	100		
55	59.8	48.6	72.8
98	49.6	40.2	60.2

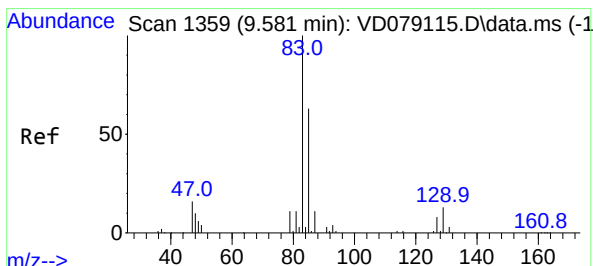
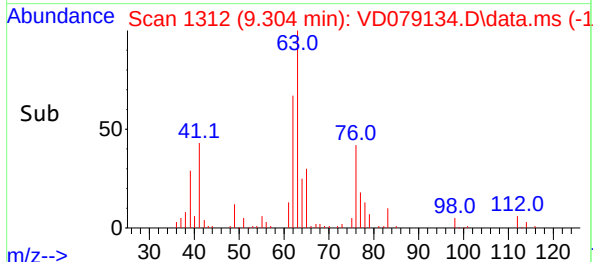
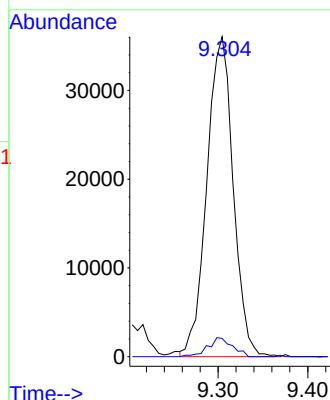
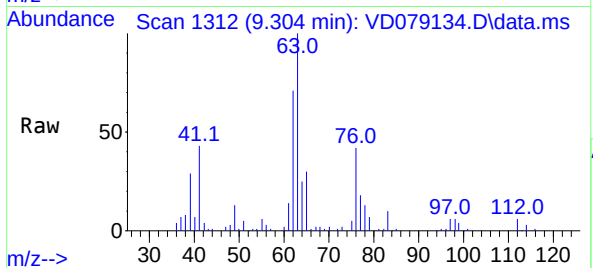




#37
1,2-Dichloropropane
Concen: 26.769 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

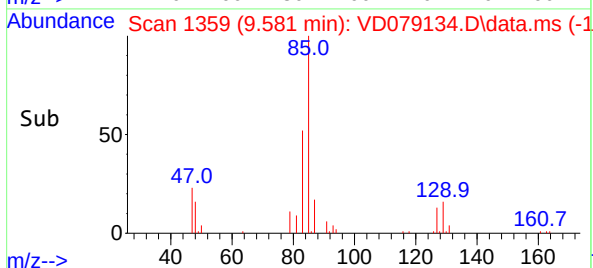
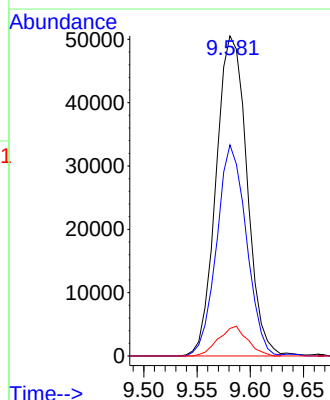
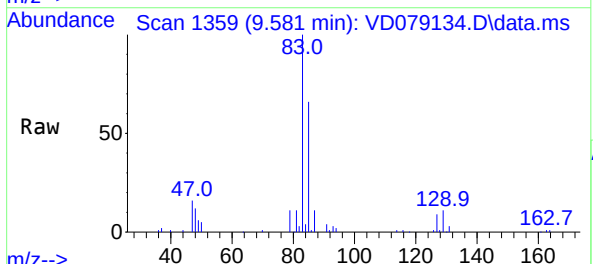
Instrument :
MSVOA_D
ClientSampleId :

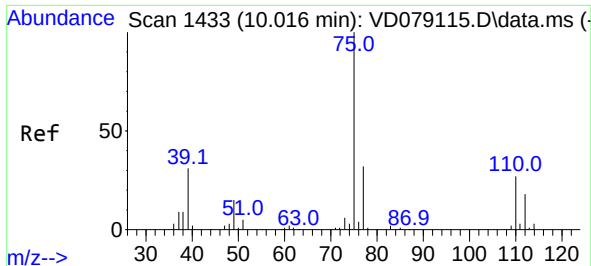
Tgt Ion: 63 Resp: 73652
Ion Ratio Lower Upper
63 100
112 5.5 3.9 5.9



#38
Bromodichloromethane
Concen: 26.569 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

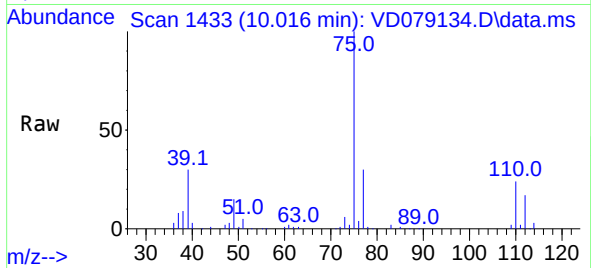
Tgt Ion: 83 Resp: 101624
Ion Ratio Lower Upper
83 100
85 65.9 46.5 86.5
127 8.6 7.0 10.6



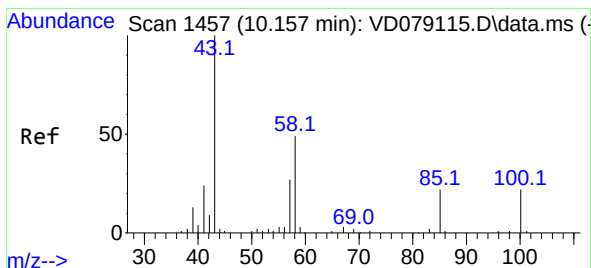
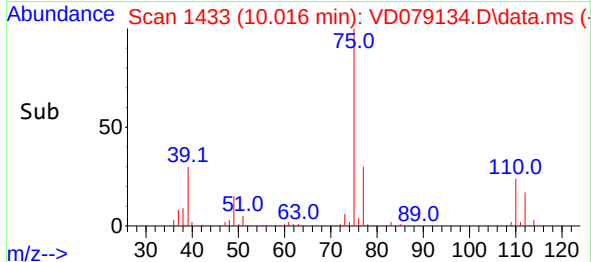
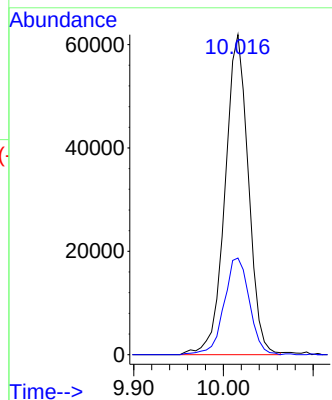


#39
cis-1,3-Dichloropropene
Concen: 26.002 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

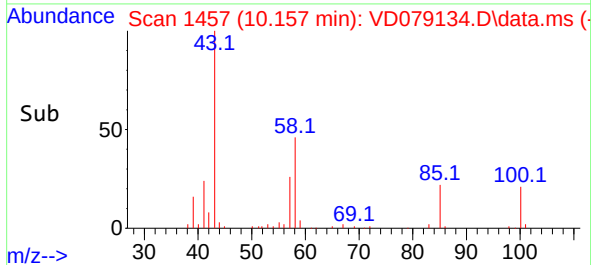
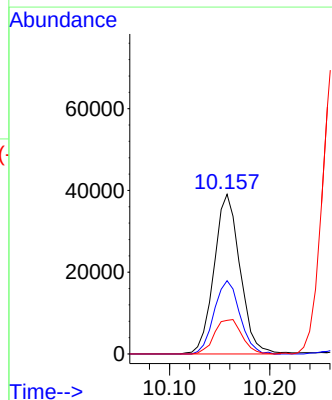
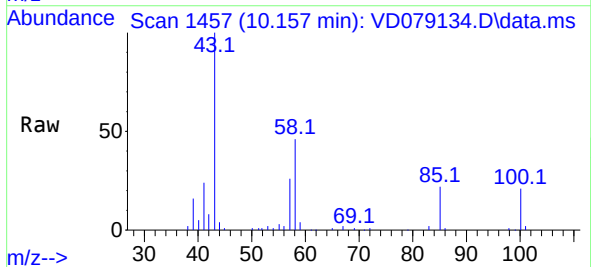


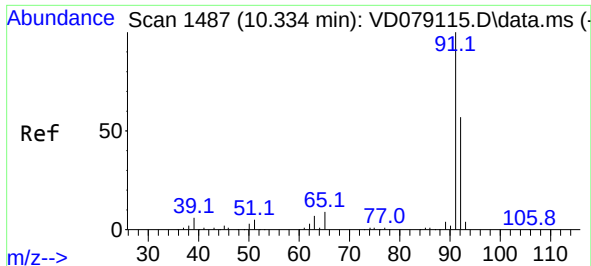
Tgt Ion: 75 Resp: 111679
Ion Ratio Lower Upper
75 100
77 30.2 23.4 43.4



#40
4-Methyl-2-pentanone
Concen: 61.251 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 43 Resp: 70350
Ion Ratio Lower Upper
43 100
58 45.3 34.0 51.0
100 22.8 16.9 25.3

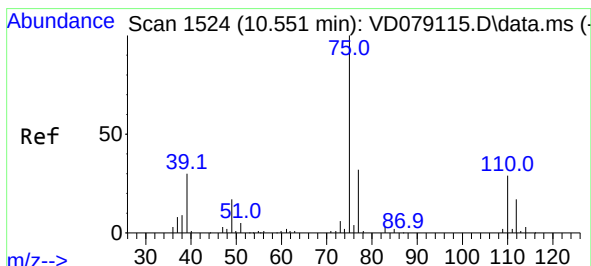
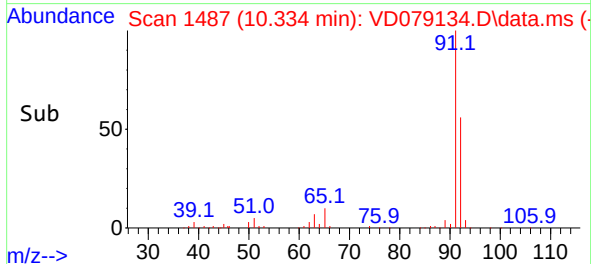
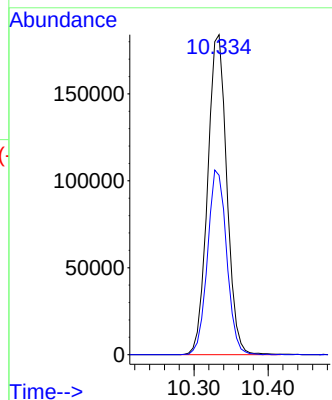
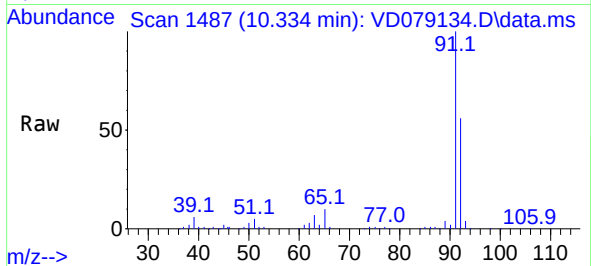




#42
Toluene
Concen: 26.519 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

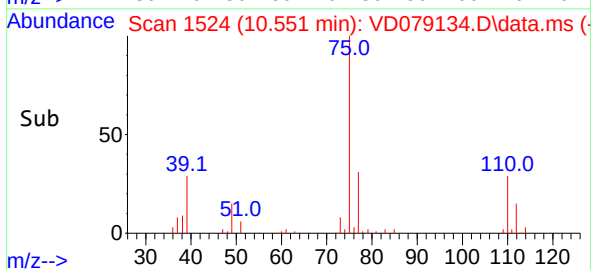
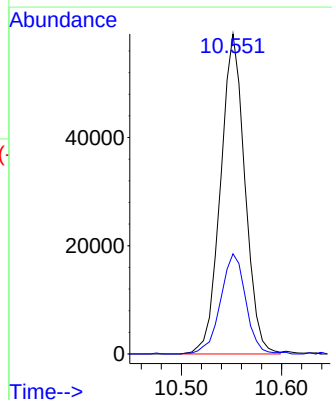
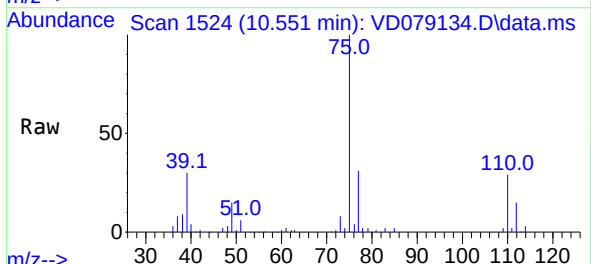
Instrument :
MSVOA_D
ClientSampleId :

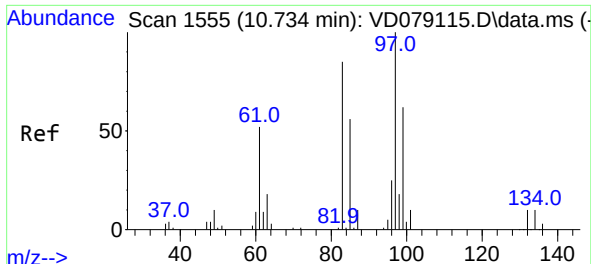
Tgt Ion: 91 Resp: 330771
Ion Ratio Lower Upper
91 100
92 56.0 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 27.454 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 75 Resp: 99714
Ion Ratio Lower Upper
75 100
77 31.3 24.3 45.1

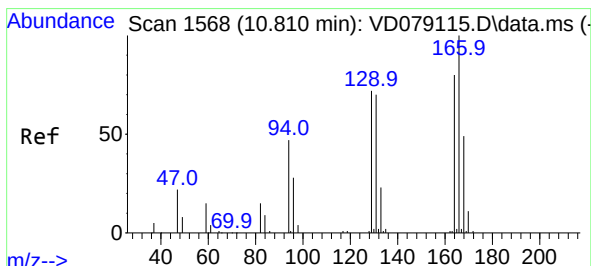
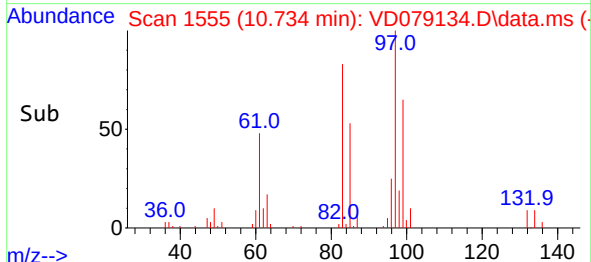
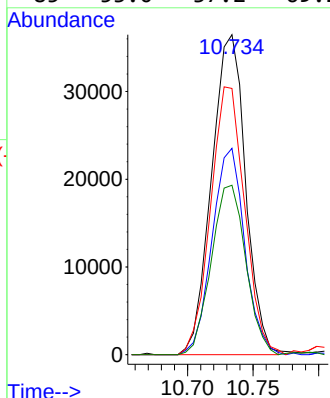
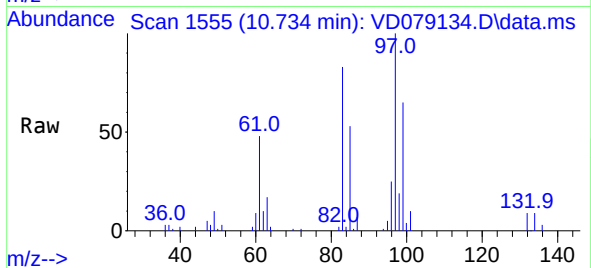




#45
1,1,2-Trichloroethane
Concen: 27.205 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

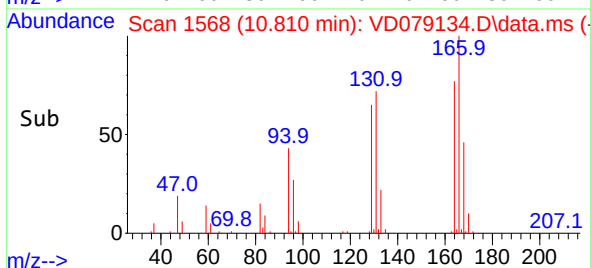
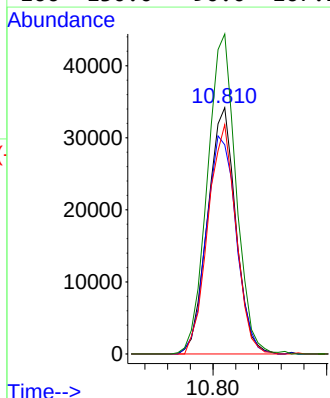
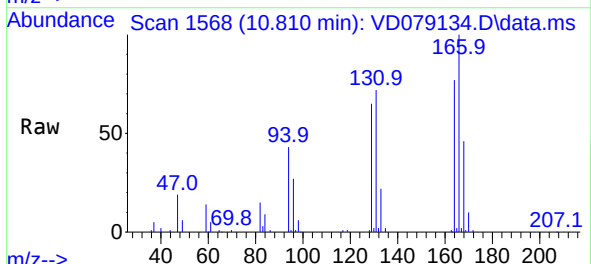
Instrument :
MSVOA_D
ClientSampleId :

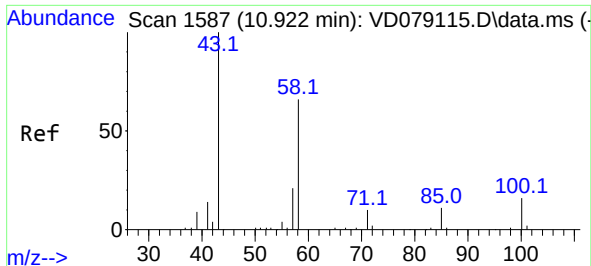
Tgt Ion: 97	Resp: 65668
Ion Ratio	Lower Upper
97 100	
99 64.5	43.0 79.8
83 83.2	58.9 109.5
85 53.0	37.2 69.2



#46
Tetrachloroethene
Concen: 23.181 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt	Ion:164	Resp:	59052
Ion	Ratio	Lower	Upper
164	100		
129	84.9	64.3	119.5
131	93.1	61.2	113.8
166	130.0	90.0	167.2



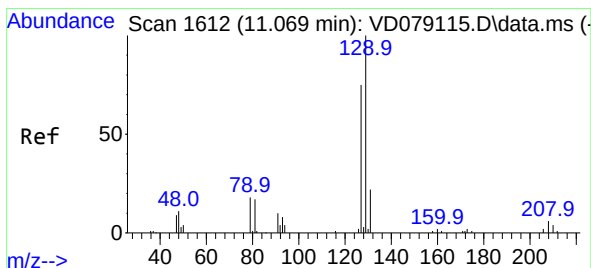
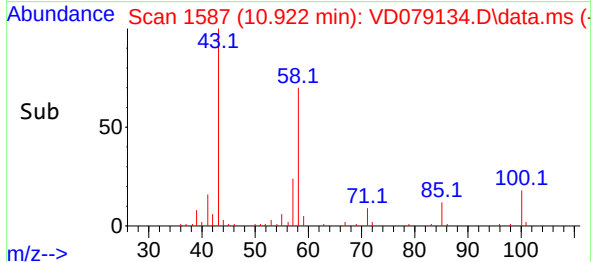
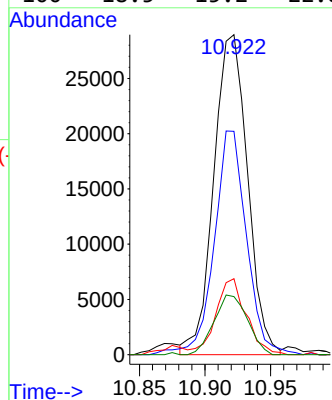
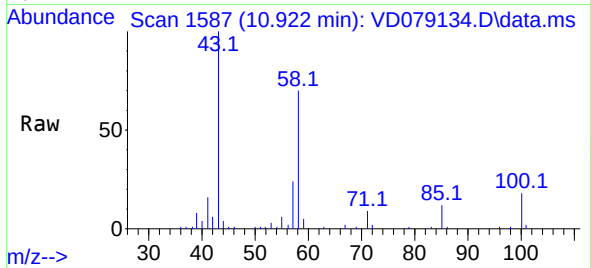


#48
2-Hexanone
Concen: 52.254 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 51934

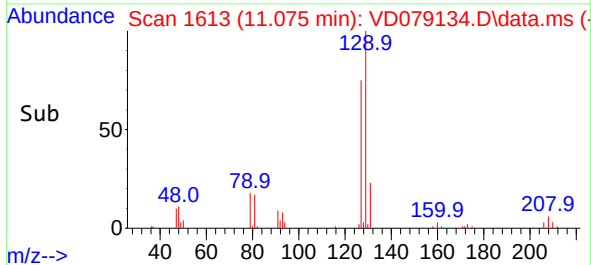
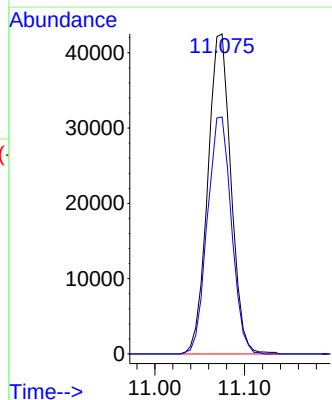
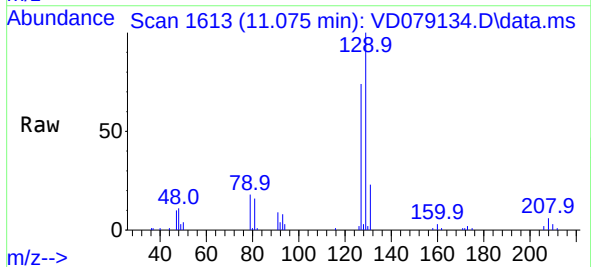
Ion	Ratio	Lower	Upper
43	100		
58	66.9	50.1	75.1
57	21.4	16.5	24.7
100	18.5	15.2	22.8

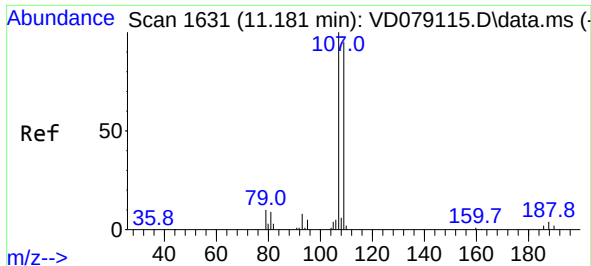


#49
Dibromochloromethane
Concen: 26.776 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 129 Resp: 76538

Ion	Ratio	Lower	Upper
129	100		
127	74.1	56.4	104.7





#50

1,2-Dibromoethane

Concen: 27.449 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079134.D

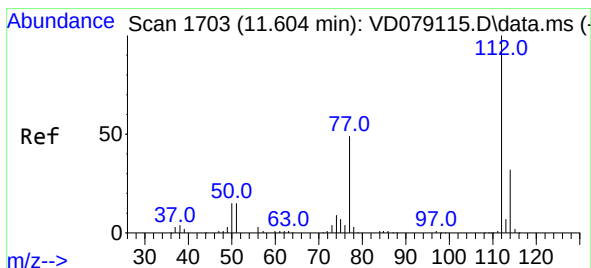
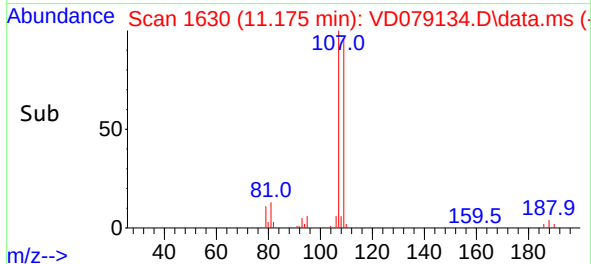
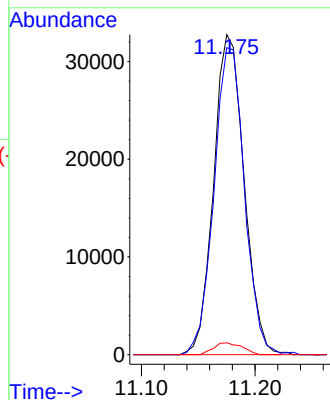
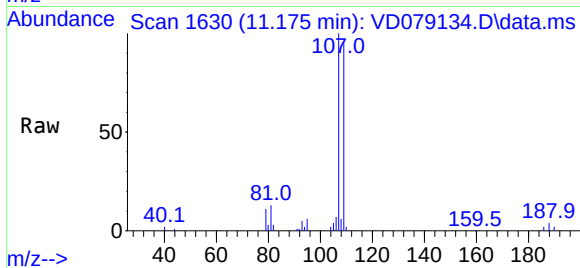
Acq: 03 Jun 2024 19:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	60891
Ion	Ratio	Lower Upper
107	100	
109	95.9	64.5 119.7
188	3.7	2.6 3.8



#51

Chlorobenzene

Concen: 25.689 ug/L

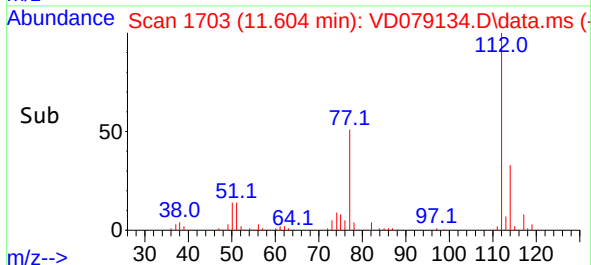
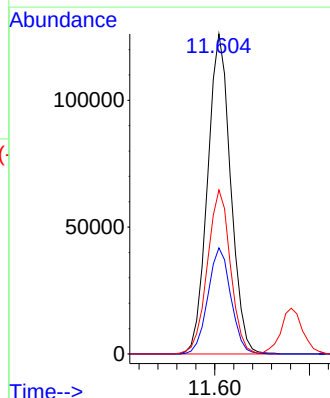
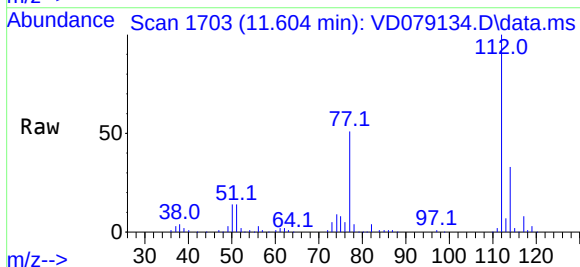
RT: 11.604 min Scan# 1703

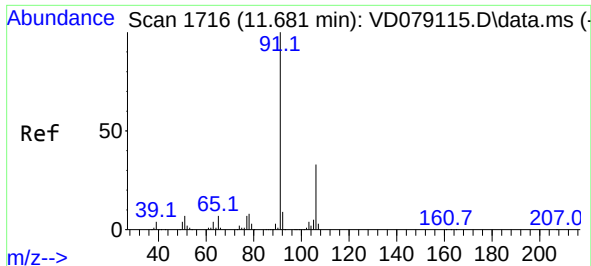
Delta R.T. 0.000 min

Lab File: VD079134.D

Acq: 03 Jun 2024 19:59

Tgt Ion:112	Resp:	213199
Ion	Ratio	Lower Upper
112	100	
114	33.1	22.7 42.3
77	51.3	38.4 57.6

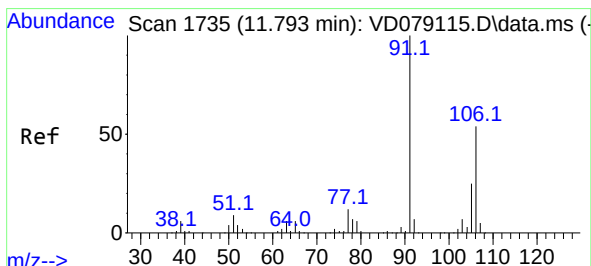
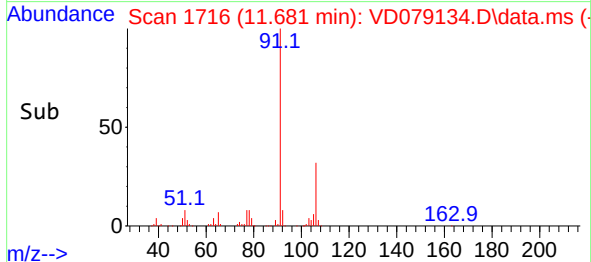
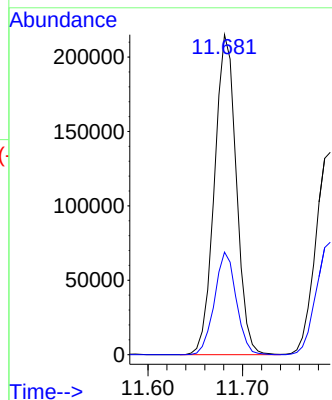
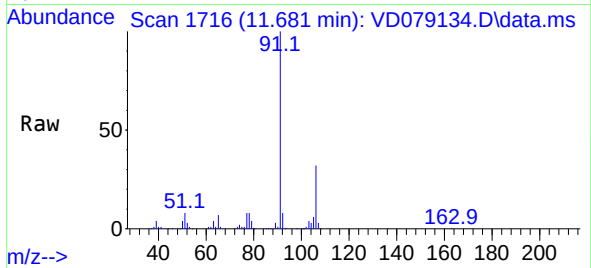




#52
Ethylbenzene
Concen: 26.476 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

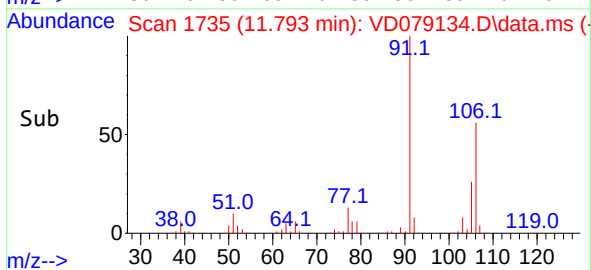
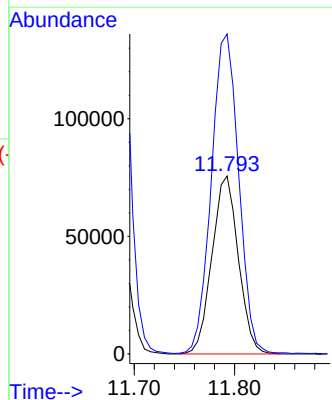
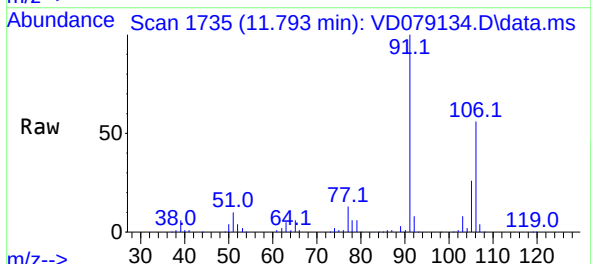
Instrument :
MSVOA_D
ClientSampleId :

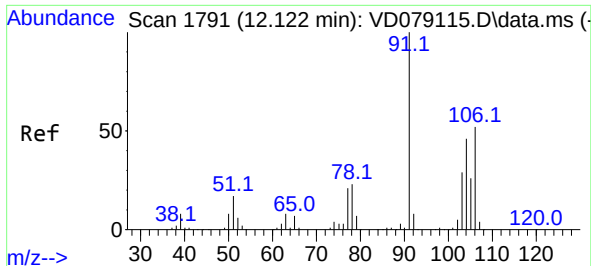
Tgt Ion: 91 Resp: 344465
Ion Ratio Lower Upper
91 100
106 32.1 22.3 41.5



#53
m,p-Xylene
Concen: 27.093 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 106 Resp: 138301
Ion Ratio Lower Upper
106 100
91 179.9 133.1 247.1

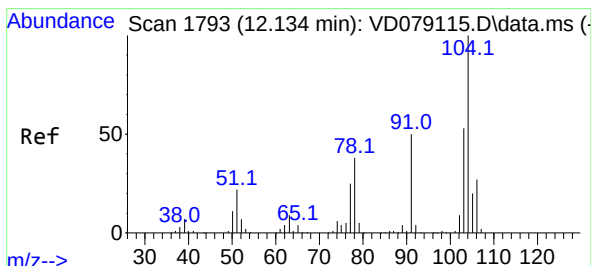
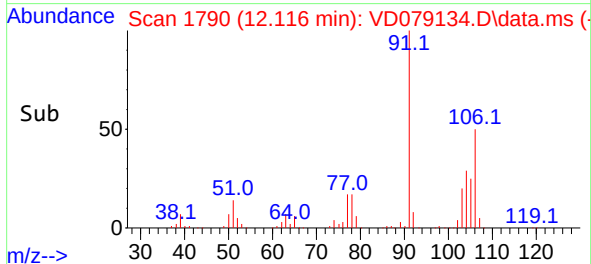
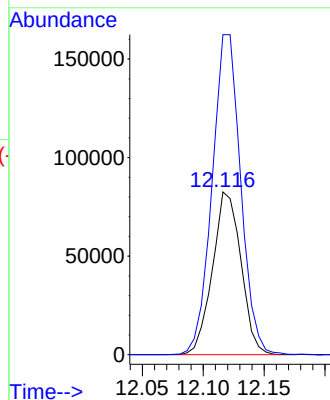
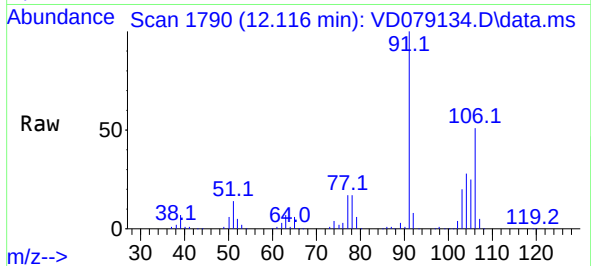




#54
o-Xylene
Concen: 27.216 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

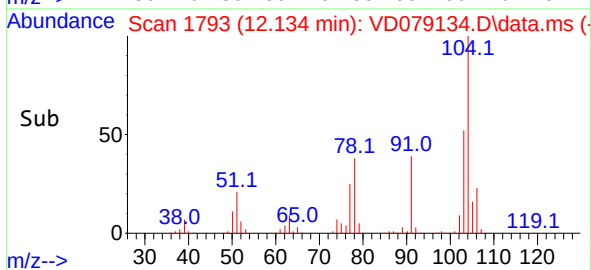
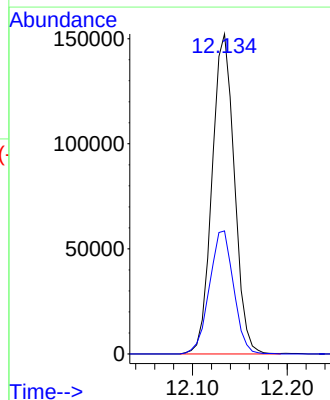
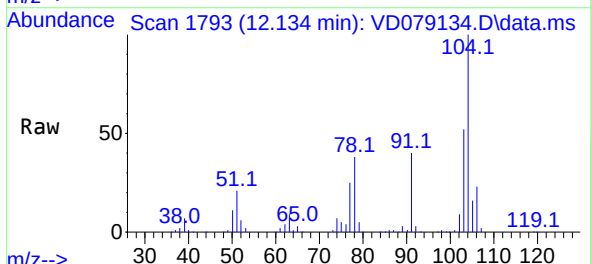
Instrument :
MSVOA_D
ClientSampleId :

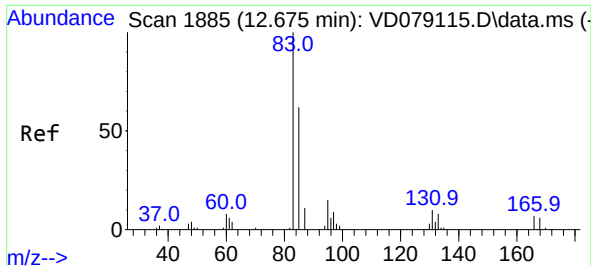
Tgt Ion:106 Resp: 134221
Ion Ratio Lower Upper
106 100
91 196.6 132.9 246.9



#55
Styrene
Concen: 28.475 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion:104 Resp: 249001
Ion Ratio Lower Upper
104 100
78 38.4 27.8 51.6

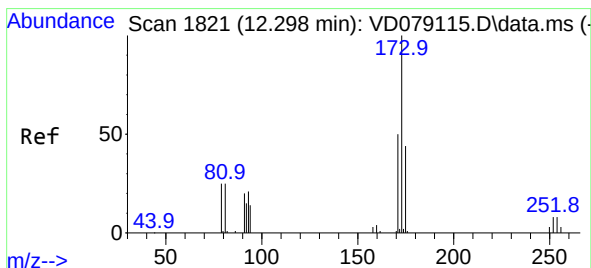
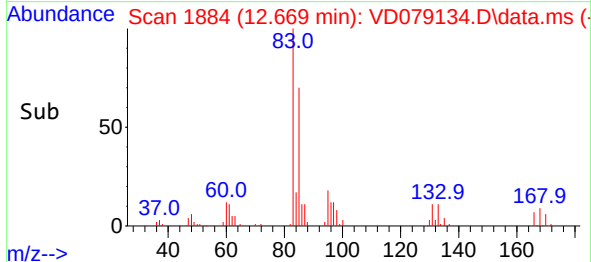
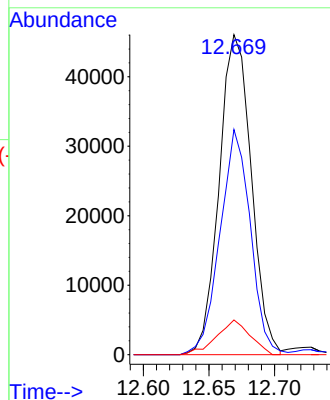
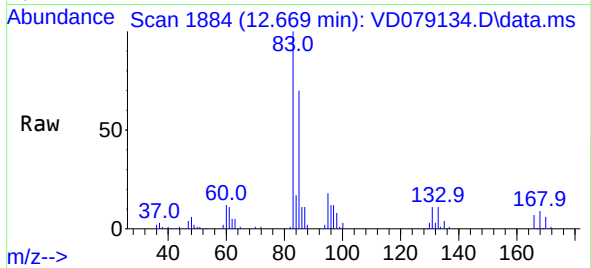




#57
1,1,2,2-Tetrachloroethane
Concen: 28.983 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

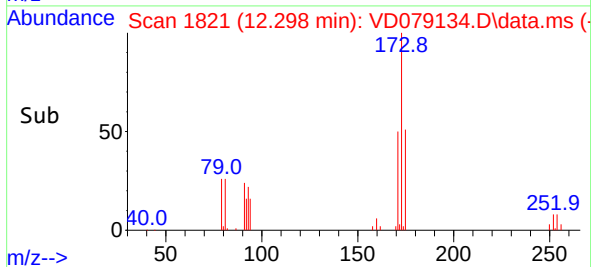
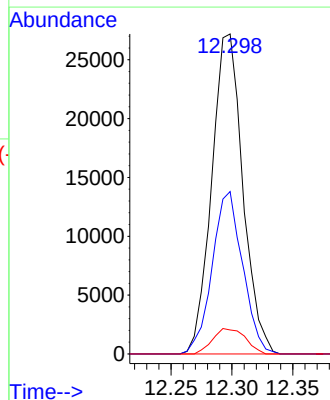
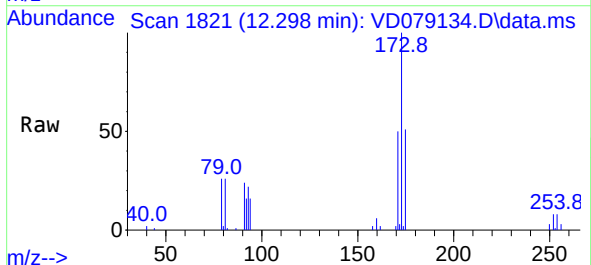
Instrument :
MSVOA_D
ClientSampleId :

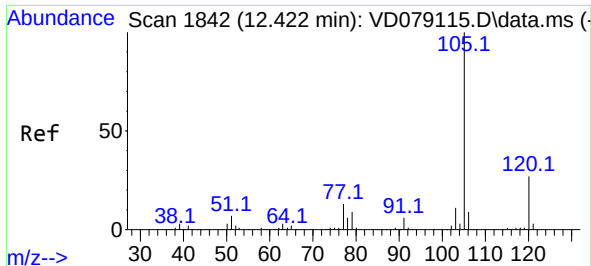
Tgt Ion: 83 Resp: 78310
Ion Ratio Lower Upper
83 100
85 70.3 47.5 88.1
131 10.9 8.6 13.0



#59
Bromoform
Concen: 25.992 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion:173 Resp: 48316
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.4
254 8.3 7.0 10.6

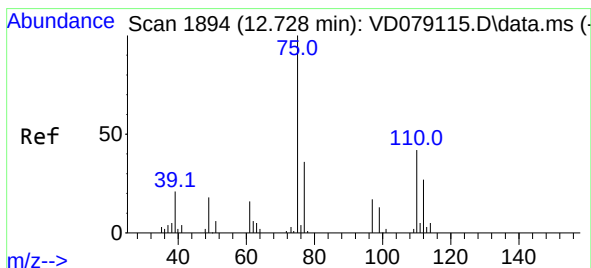
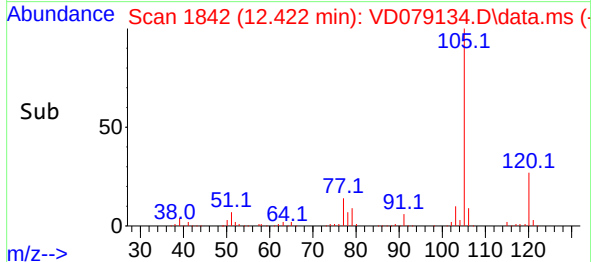
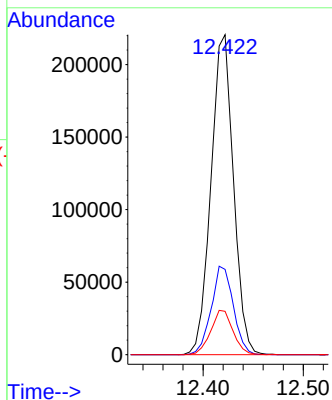
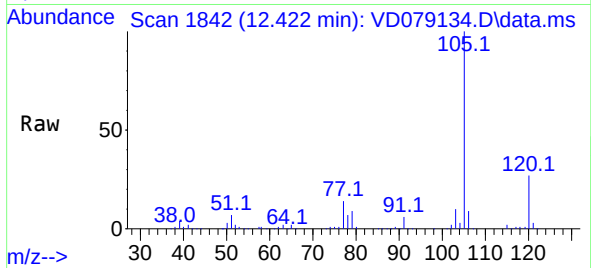




#60
Isopropylbenzene
Concen: 25.559 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

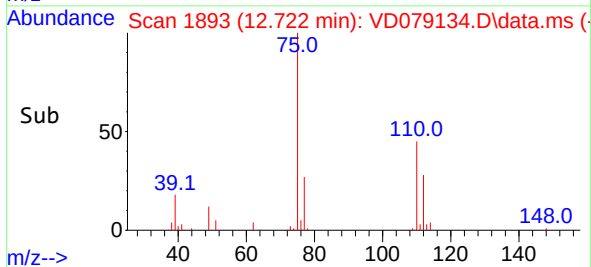
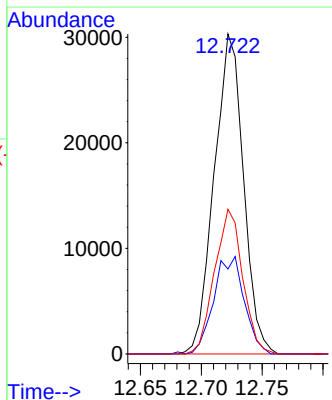
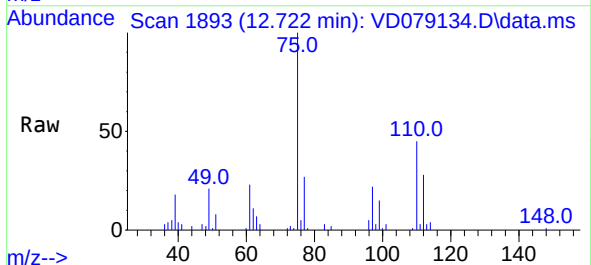
Instrument :
MSVOA_D
ClientSampleId :

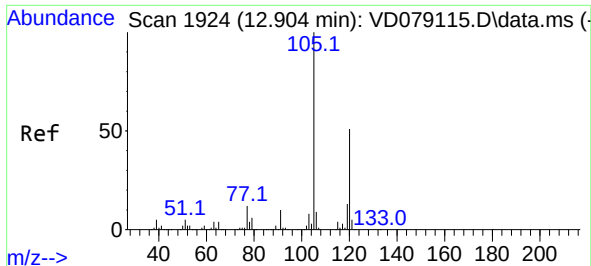
Tgt Ion:105 Resp: 342772
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 13.8 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 28.284 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion: 75 Resp: 50646
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
110 43.5 34.2 51.4

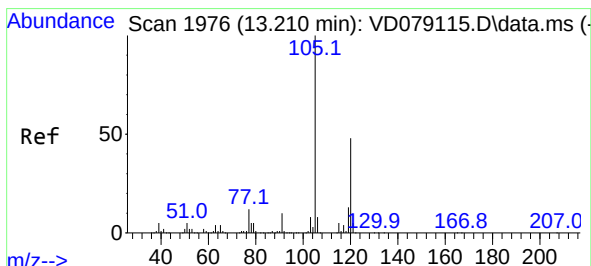
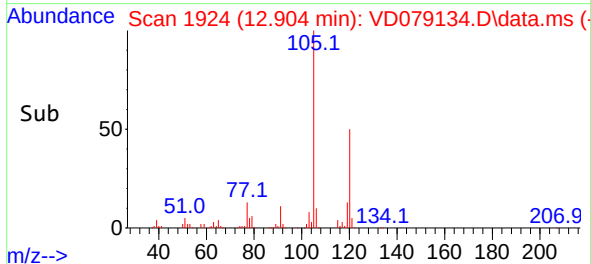
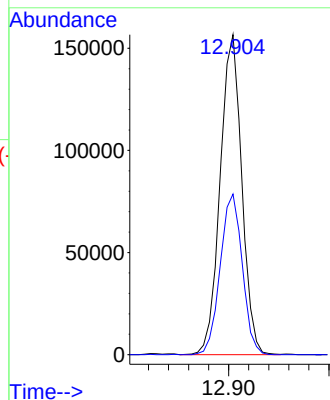
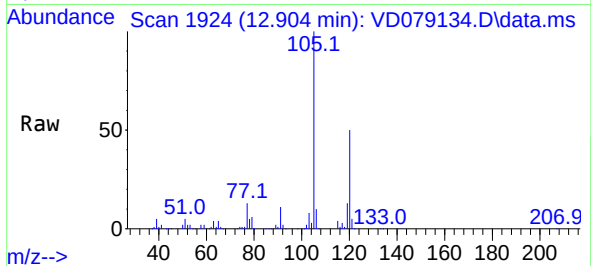




#62
1,3,5-Trimethylbenzene
Concen: 25.557 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

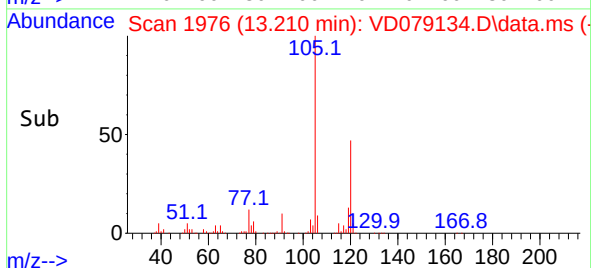
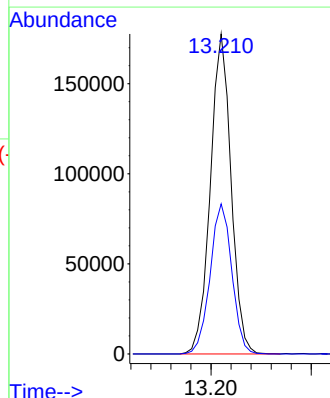
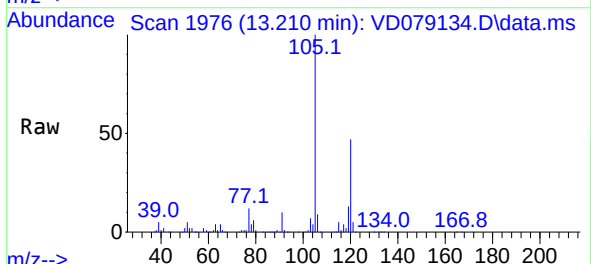
Instrument :
MSVOA_D
ClientSampleId :

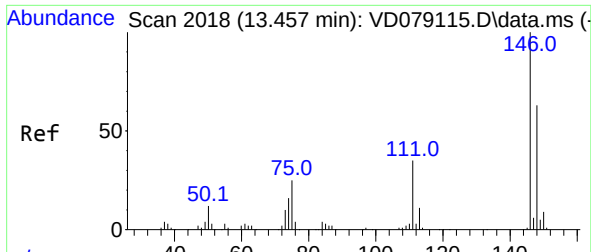
Tgt Ion:105 Resp: 234343
Ion Ratio Lower Upper
105 100
120 51.1 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 26.011 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

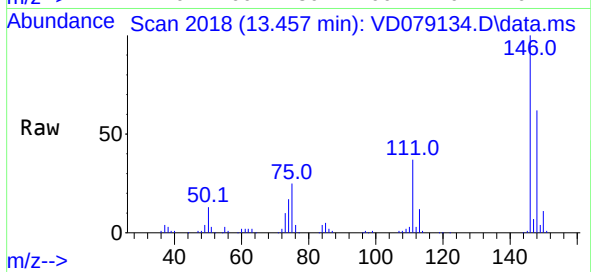
Tgt Ion:105 Resp: 255099
Ion Ratio Lower Upper
105 100
120 49.1 38.0 57.0



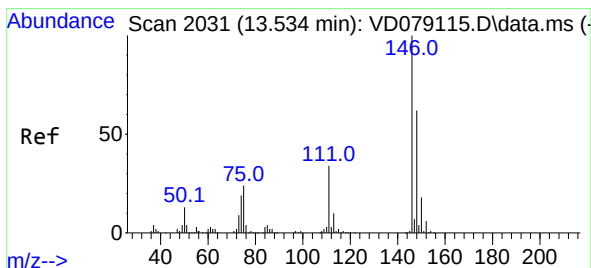
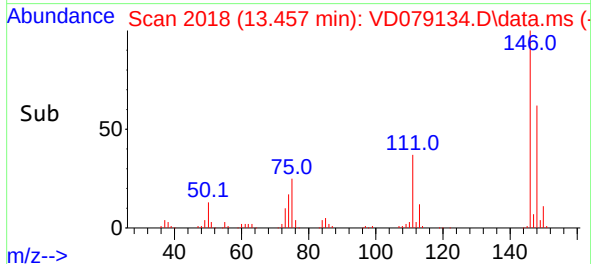
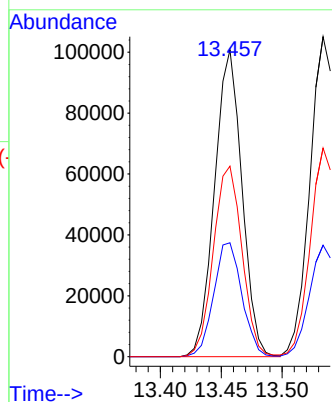


#64
1,3-Dichlorobenzene
Concen: 24.538 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

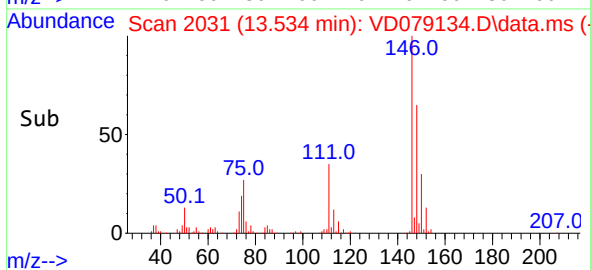
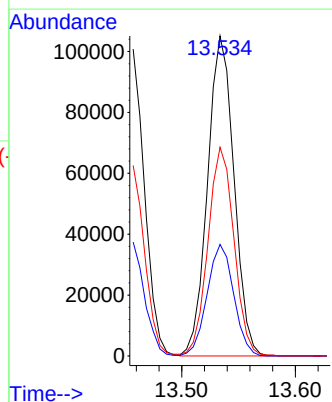
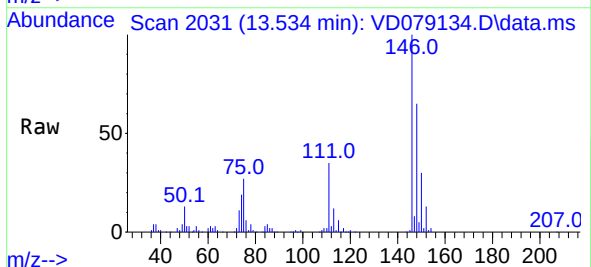


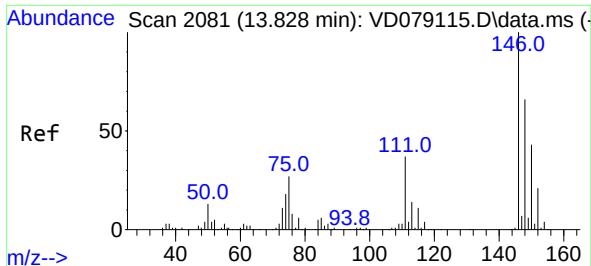
Tgt Ion:146 Resp: 158086
Ion Ratio Lower Upper
146 100
111 37.1 24.4 45.4
148 62.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 24.916 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion:146 Resp: 170084
Ion Ratio Lower Upper
146 100
111 34.9 26.3 48.9
148 65.2 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.292 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079134.D

Acq: 03 Jun 2024 19:59

Instrument :

MSVOA_D

ClientSampleId :

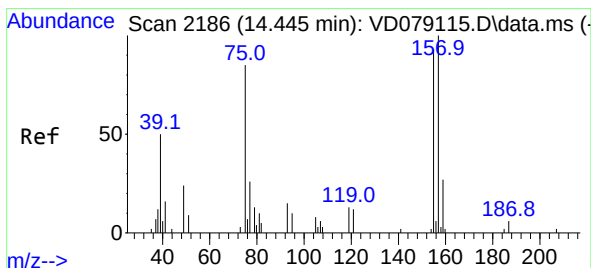
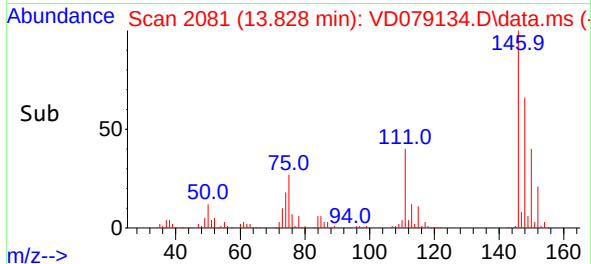
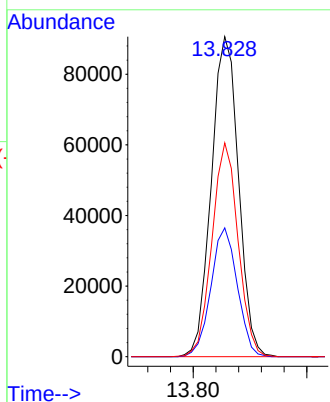
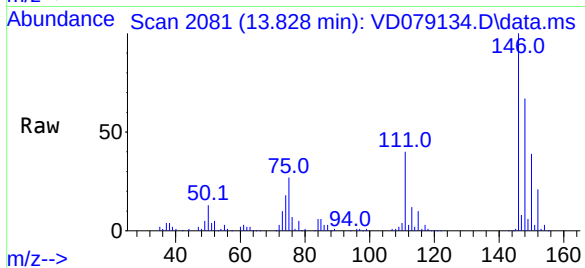
Tgt Ion:146 Resp: 150632

Ion Ratio Lower Upper

146 100

111 40.2 29.1 43.7

148 66.8 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.908 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079134.D

Acq: 03 Jun 2024 19:59

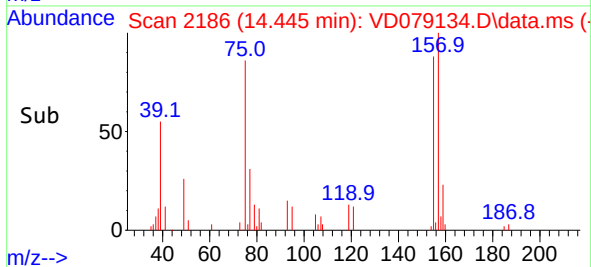
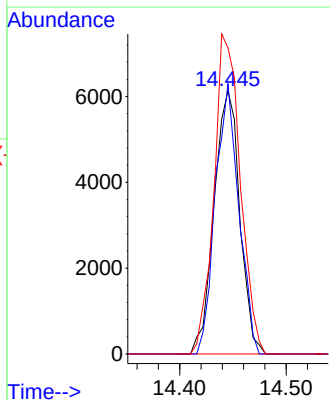
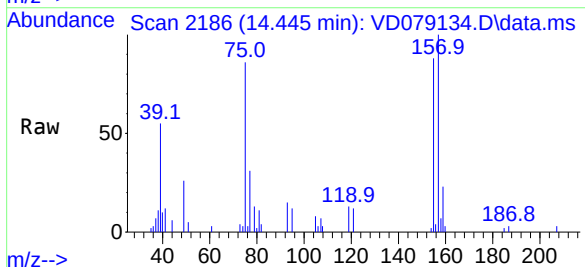
Tgt Ion: 75 Resp: 10273

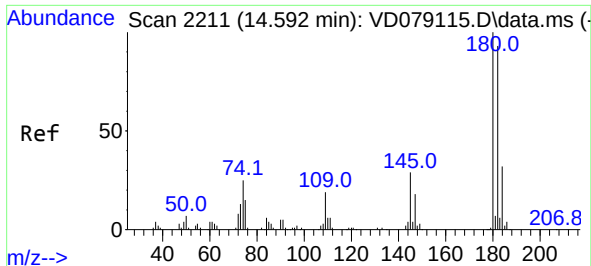
Ion Ratio Lower Upper

75 100

155 102.6 68.1 102.1#

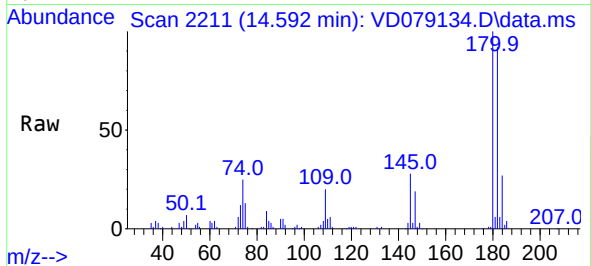
157 116.3 91.6 137.4





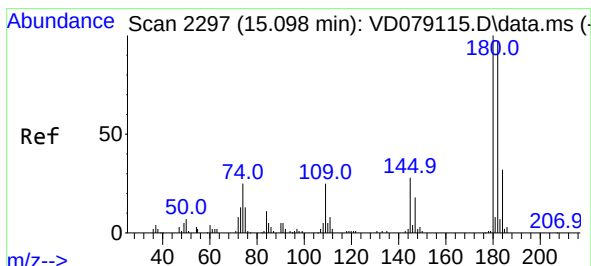
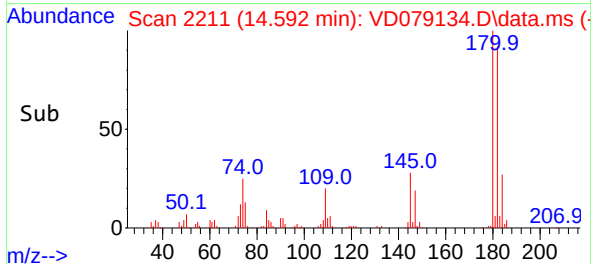
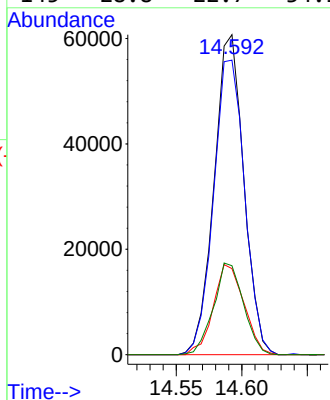
#69
 1,3,5-Trichlorobenzene
 Concen: 23.563 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079134.D
 Acq: 03 Jun 2024 19:59

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 95744

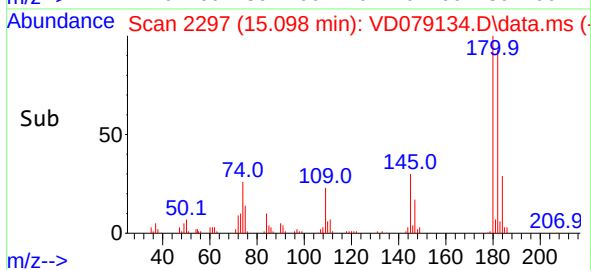
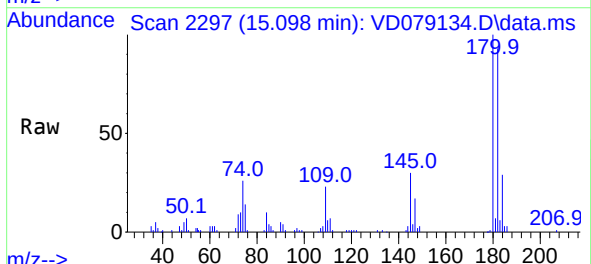
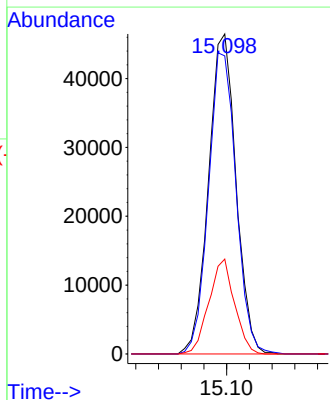
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.9	115.3
184	29.1	23.3	34.9
145	28.8	22.7	34.1

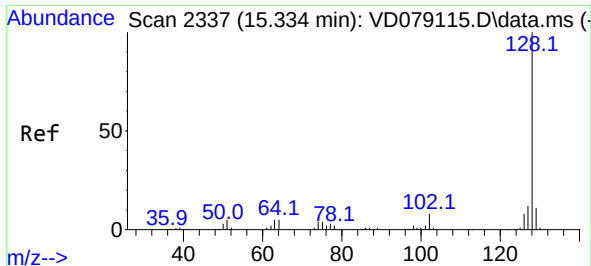


#70
 1,2,4-trichlorobenzene
 Concen: 23.145 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079134.D
 Acq: 03 Jun 2024 19:59

Tgt Ion:180 Resp: 78106

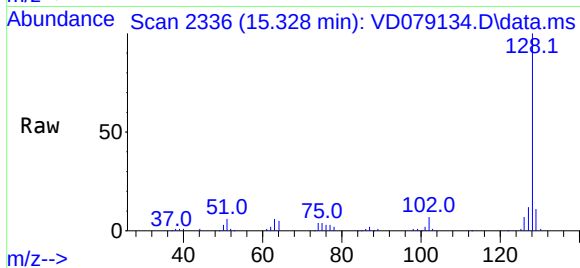
Ion	Ratio	Lower	Upper
180	100		
182	94.4	73.8	110.6
145	27.6	22.3	33.5



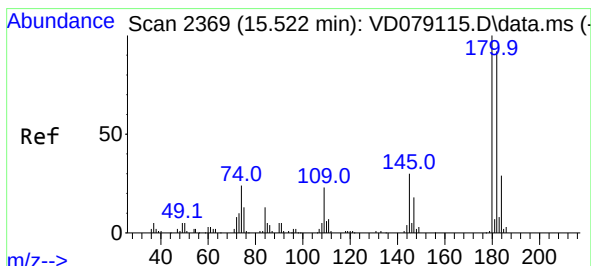
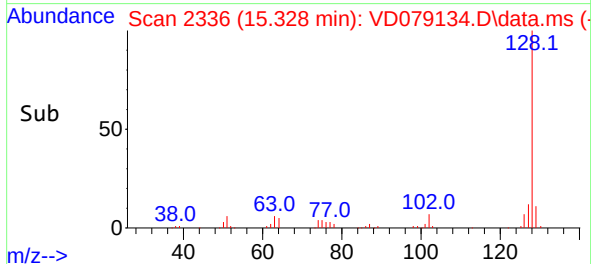
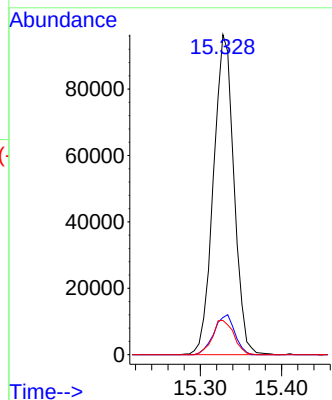


#71
Naphthalene
Concen: 26.819 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 169257
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 11.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.503 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079134.D
Acq: 03 Jun 2024 19:59

Tgt Ion:180 Resp: 77301
Ion Ratio Lower Upper
180 100
182 94.9 79.4 119.2
145 31.2 24.7 37.1

