

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020224\
 Data File : VD078319.D
 Acq On : 02 Feb 2024 10:36
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025236

Quant Time: Feb 03 00:17:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	207383	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	199012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	97457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	141722	24.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
7) Chloroethane-d5	2.799	69	116138	23.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
11) 1,1-Dichloroethene-d2	3.916	65	30468	23.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.920%
21) 2-Butanone-d5	6.993	46	38275	44.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.360%
24) Chloroform-d	7.569	84	140557	23.771	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.234	65	76580	23.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	8.198	84	289146	24.848	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	9.216	67	86405	24.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.269	98	262349	25.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	10.528	79	39514	24.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.800%
47) 2-Hexanone-d5	10.881	63	36483	50.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82291	24.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	82354	23.604	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	109835	26.861	ug/L	98
3) Chloromethane	2.152	50	164808	27.713	ug/L	98
5) Vinyl chloride	2.281	62	197048	26.799	ug/L	94
6) Bromomethane	2.693	94	83893	25.167	ug/L	97
8) Chloroethane	2.840	64	126161	26.950	ug/L	99
9) Trichlorofluoromethane	3.169	101	146342	27.998	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	89809	27.612	ug/L	99
12) 1,1-Dichloroethene	3.940	96	80070	26.599	ug/L	95
13) Acetone	4.022	43	56460	49.639	ug/L	96
14) Carbon disulfide	4.269	76	297444	26.808	ug/L	100
15) Methyl Acetate	4.563	43	42300	24.820	ug/L #	83
16) Methylene chloride	4.805	84	96535	23.735	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	89623	27.019	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	201387	26.103	ug/L	98
19) 1,1-Dichloroethane	6.116	63	157101	27.066	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	96756	26.615	ug/L	98
22) 2-Butanone	7.081	43	66746	48.465	ug/L	99
23) Bromochloromethane	7.428	128	44631	27.793	ug/L	92
25) Chloroform	7.598	83	171070	27.009	ug/L	94

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 Response via : Initial Calibration

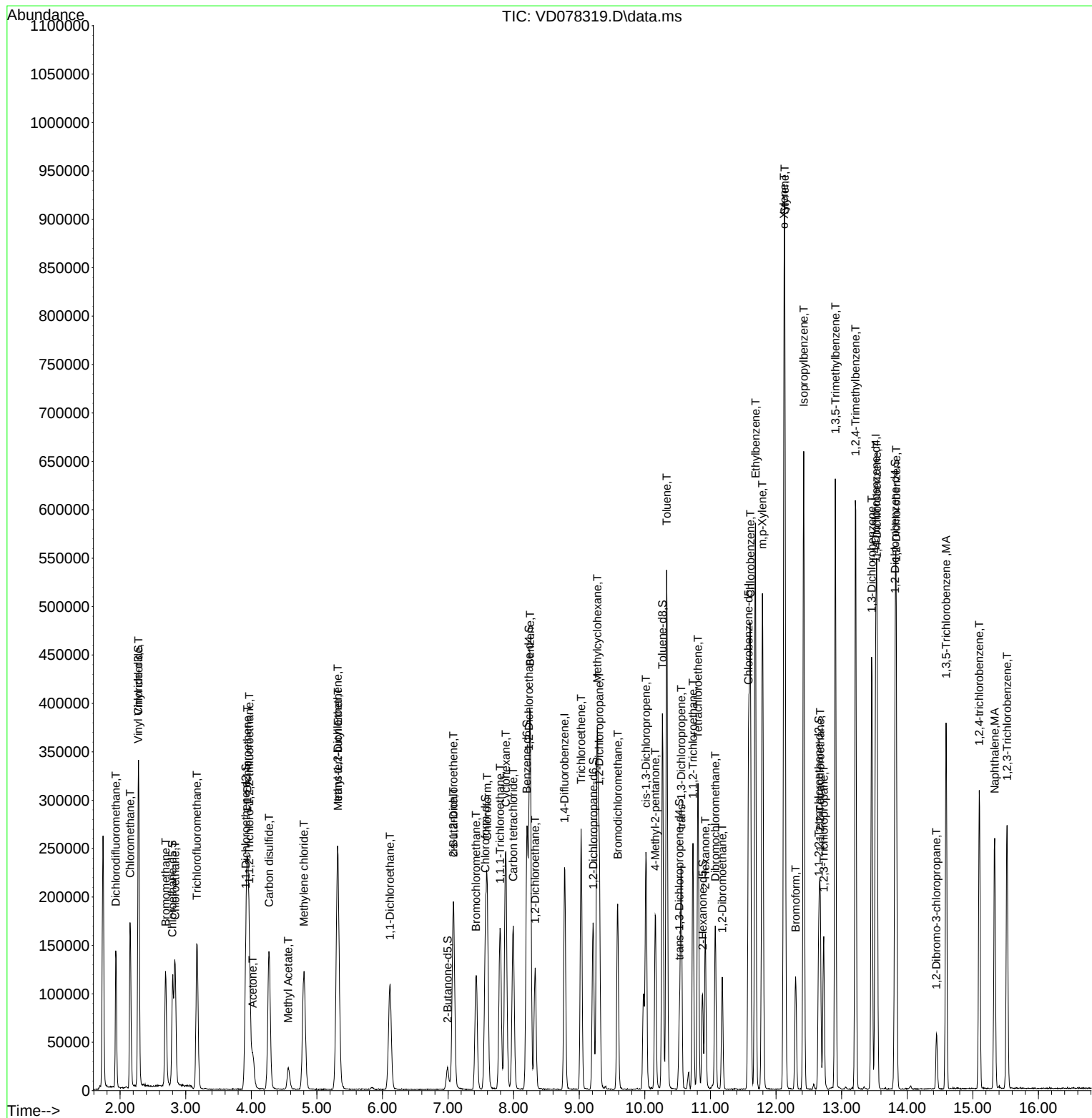
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	106612	26.209	ug/L	96
29) Cyclohexane	7.881	56	135973	30.225	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	137634	28.213	ug/L	98
31) Carbon tetrachloride	7.993	117	120884	28.129	ug/L	98
33) Benzene	8.251	78	375837	28.026	ug/L	100
34) Trichloroethene	9.028	95	90371	26.682	ug/L	91
35) Methylcyclohexane	9.275	83	159402	30.077	ug/L	97
37) 1,2-Dichloropropane	9.304	63	97505	27.593	ug/L	100
38) Bromodichloromethane	9.587	83	126245	27.382	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	152099	27.652	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	120803	55.045	ug/L	97
42) Toluene	10.334	91	399182	28.610	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	131667	27.360	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	77093	27.370	ug/L	97
46) Tetrachloroethene	10.810	164	66419	28.559	ug/L	97
48) 2-Hexanone	10.922	43	100020	55.874	ug/L	96
49) Dibromochloromethane	11.075	129	84295	26.629	ug/L	98
50) 1,2-Dibromoethane	11.181	107	74542	27.130	ug/L	96
51) Chlorobenzene	11.610	112	249200	27.585	ug/L	98
52) Ethylbenzene	11.686	91	429252	28.640	ug/L	98
53) m,p-Xylene	11.792	106	163263	28.344	ug/L	91
54) o-Xylene	12.122	106	159060	28.636	ug/L	93
55) Styrene	12.134	104	288670	28.810	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	97565	27.034	ug/L	97
59) Bromoform	12.298	173	51536	26.356	ug/L	95
60) Isopropylbenzene	12.422	105	418978	28.452	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63748	25.644	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	325667	28.273	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	322643	28.280	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	177121	26.954	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	182328	26.503	ug/L	97
67) 1,2-Dichlorobenzene	13.833	146	165919	26.693	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	14236	25.847	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	107066	26.445	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	93296	26.661	ug/L	99
71) Naphthalene	15.333	128	217112	26.501	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	86458	26.466	ug/L	99

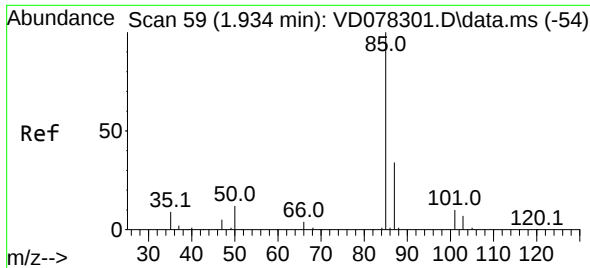
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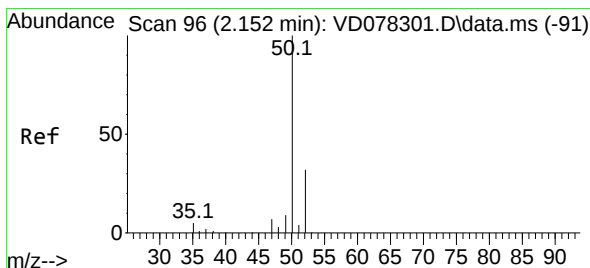
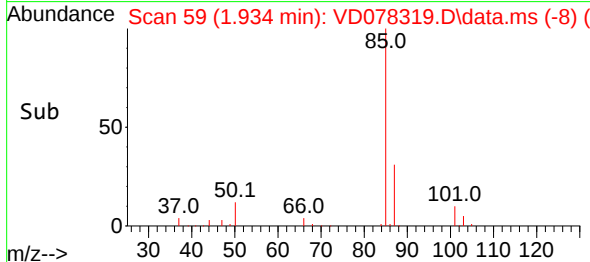
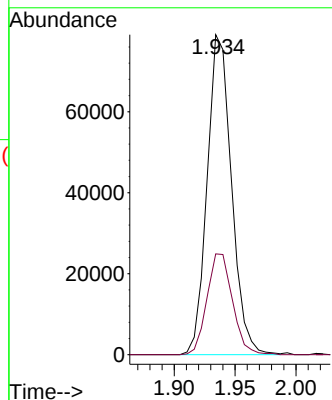
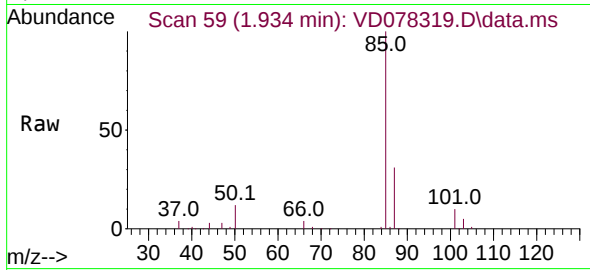




#2
 Dichlorodifluoromethane
 Concen: 26.861 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

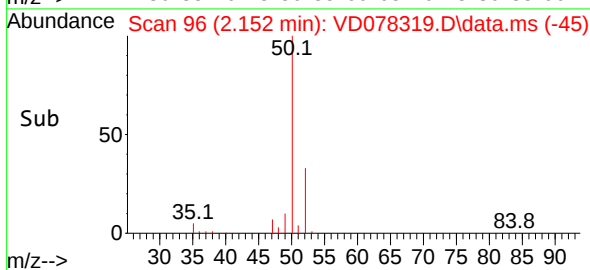
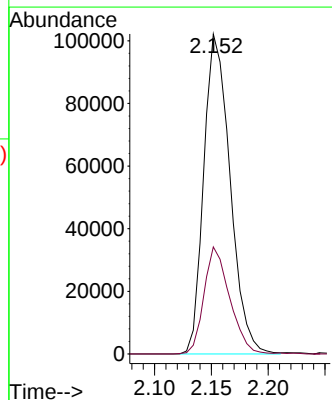
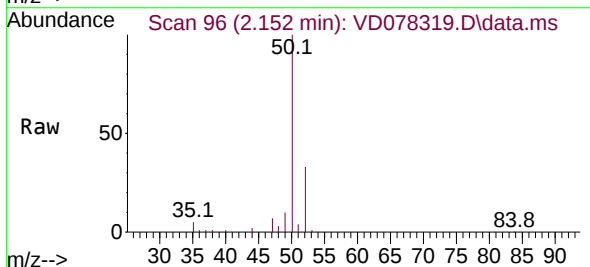
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 ClientSampleId :
 VSTD025236

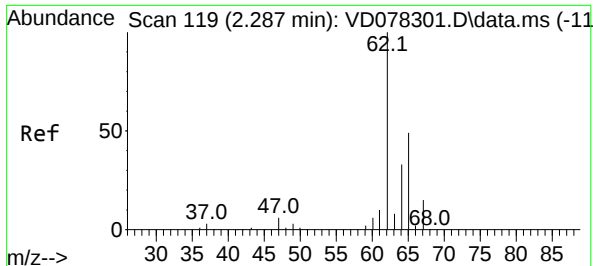
Tgt Ion: 85 Resp: 109835
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.3 37.9



#3
 Chloromethane
 Concen: 27.713 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

Tgt Ion: 50 Resp: 164808
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.3

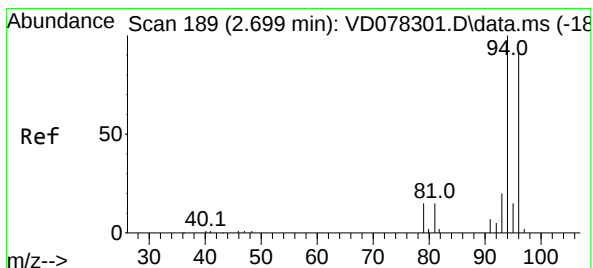
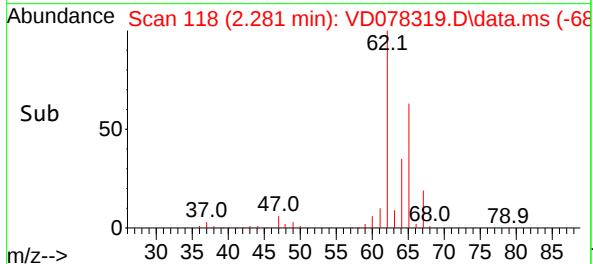
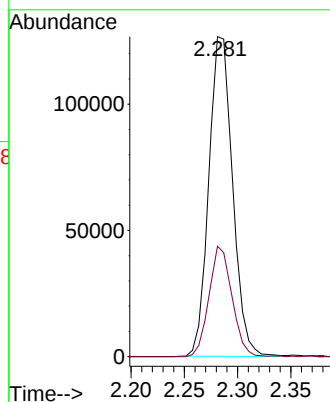
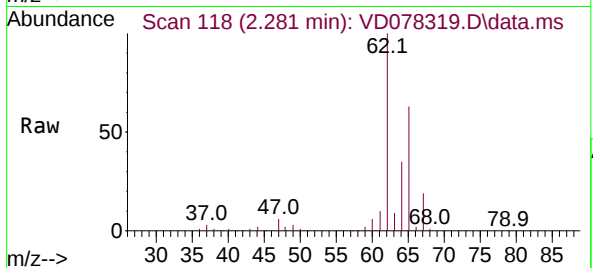




#5
 Vinyl chloride
 Concen: 26.799 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

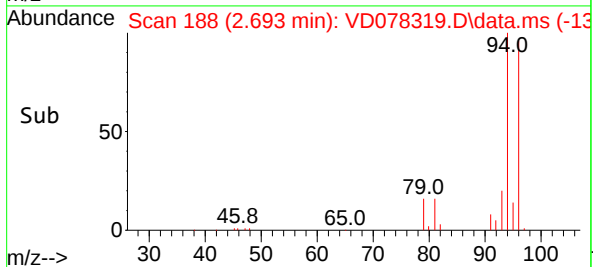
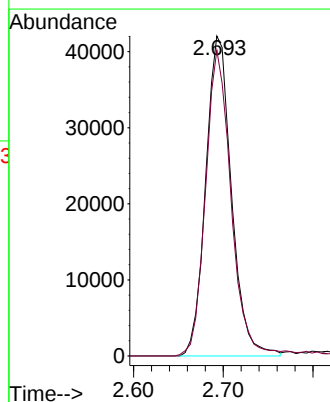
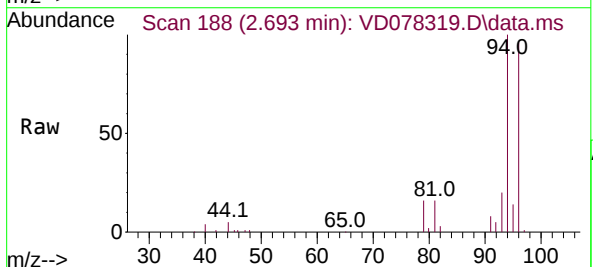
Instrument :
 MSVOA_D
 ClientSampleId :
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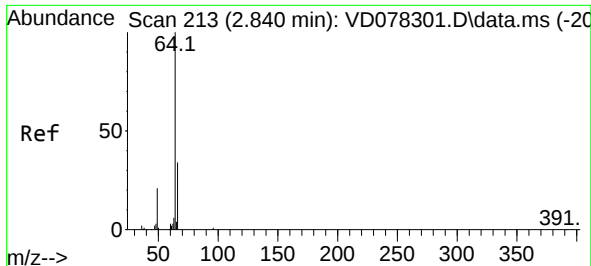
Tgt Ion: 62 Resp: 197048
 Ion Ratio Lower Upper
 62 100
 64 34.5 21.7 40.3



#6
 Bromomethane
 Concen: 25.167 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

Tgt Ion: 94 Resp: 83893
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.8 120.4

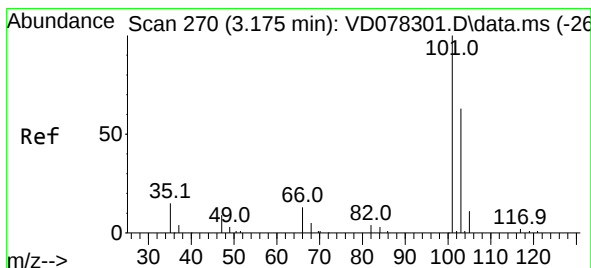
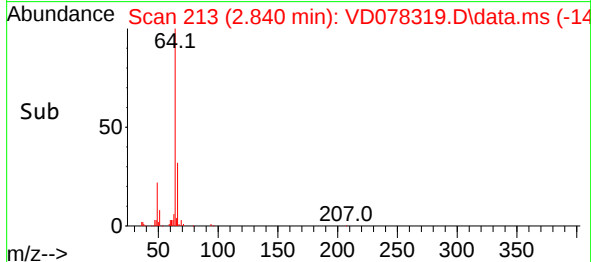
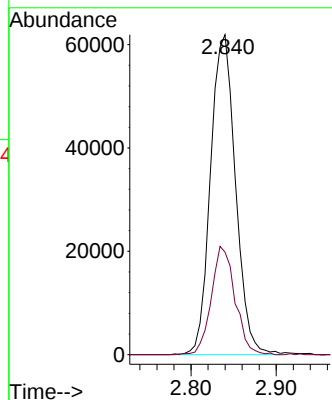
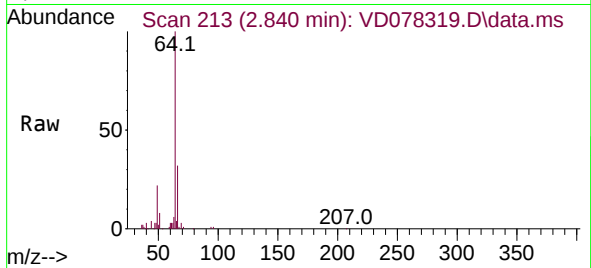




#8
Chloroethane
Concen: 26.950 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

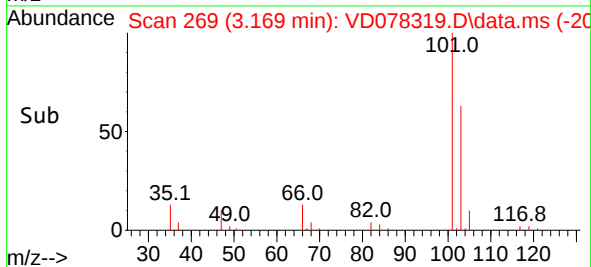
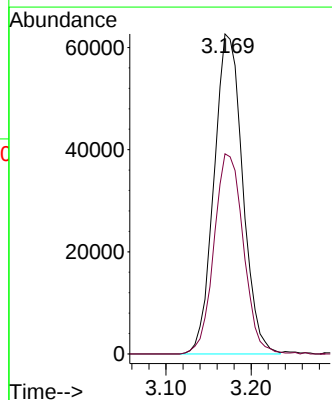
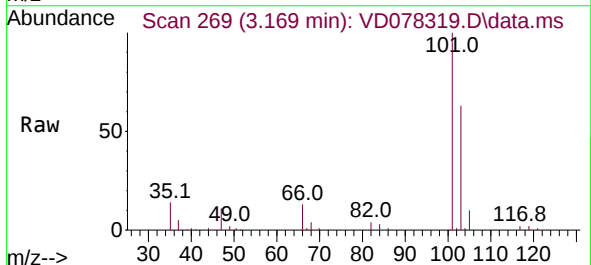
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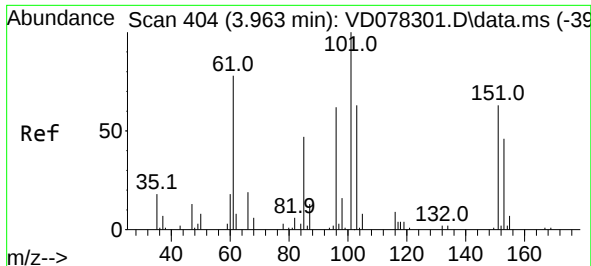
Tgt Ion: 64 Resp: 126161
Ion Ratio Lower Upper
64 100
66 32.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 27.998 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:101 Resp: 146342
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7

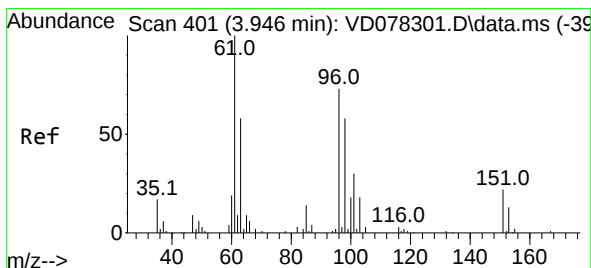
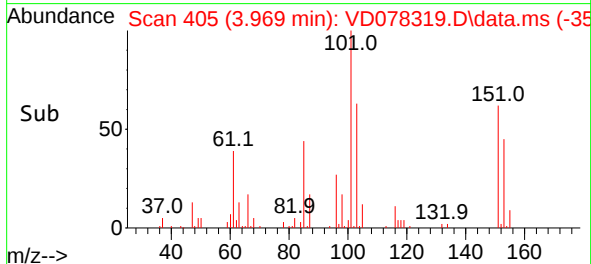
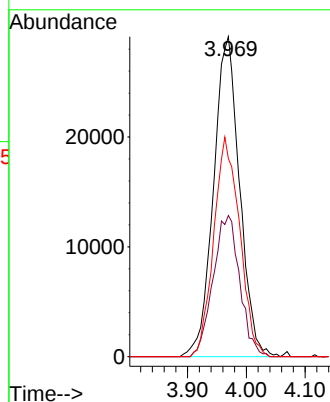
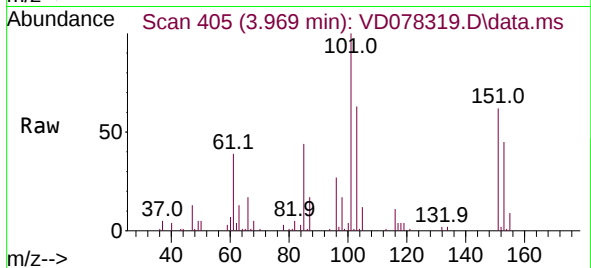




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.612 ug/L
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

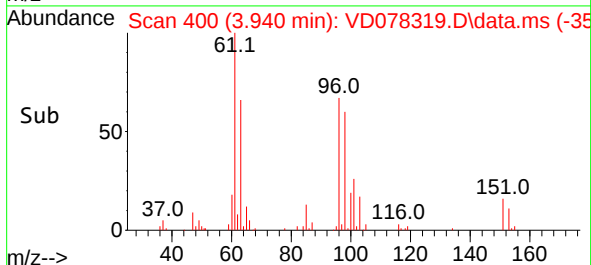
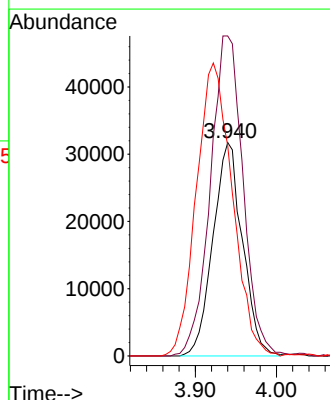
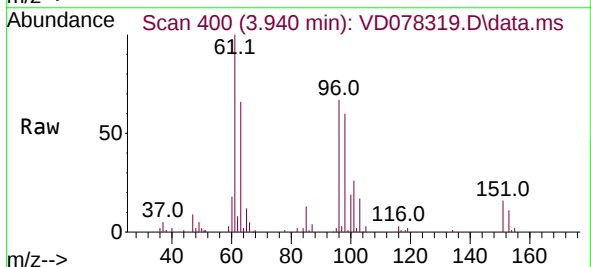
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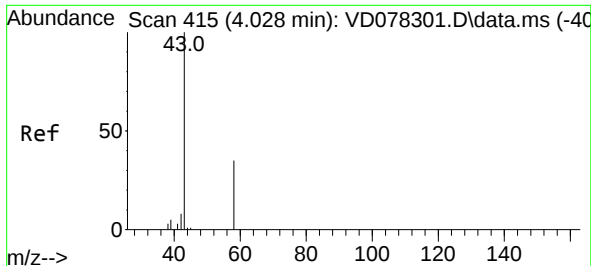
Tgt Ion:101 Resp: 89809
Ion Ratio Lower Upper
101 100
85 45.0 34.6 51.8
151 68.2 54.6 81.8



#12
1,1-Dichloroethene
Concen: 26.599 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 96 Resp: 80070
Ion Ratio Lower Upper
96 100
61 149.9 108.8 202.2
63 98.6 65.2 121.0





#13

Acetone

Concen: 49.639 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

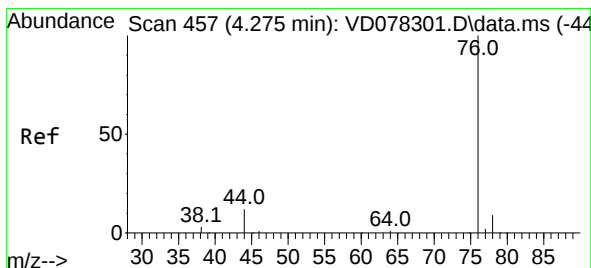
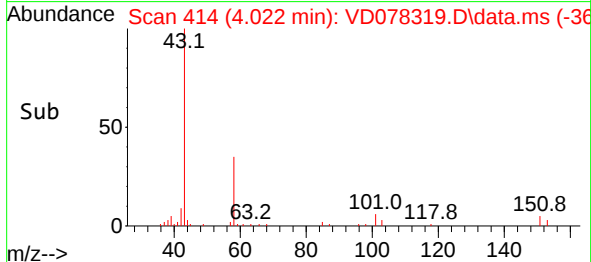
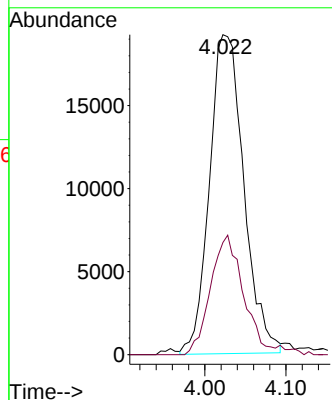
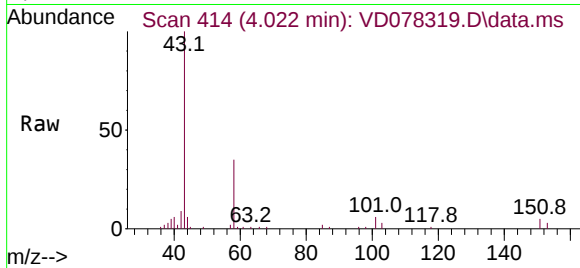
VSTD025236

Tgt Ion: 43 Resp: 56460

Ion Ratio Lower Upper

43 100

58 35.8 0.0 67.2



#14

Carbon disulfide

Concen: 26.808 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

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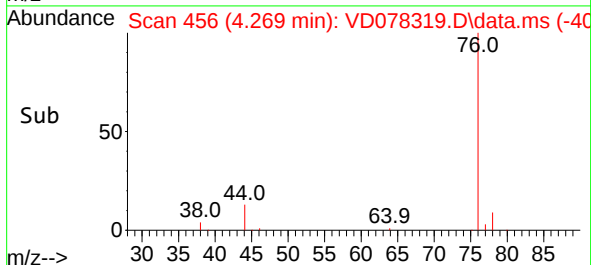
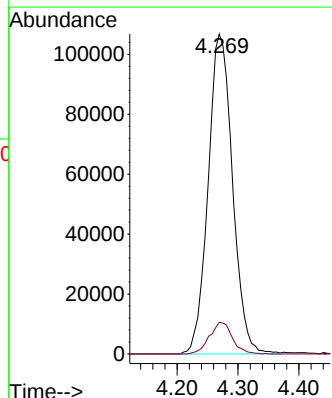
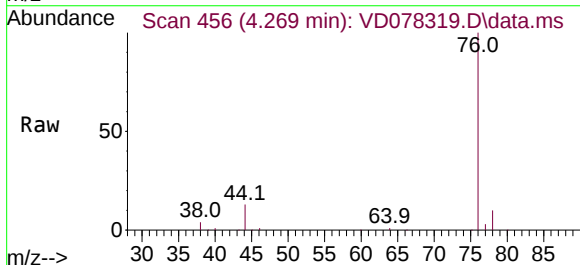
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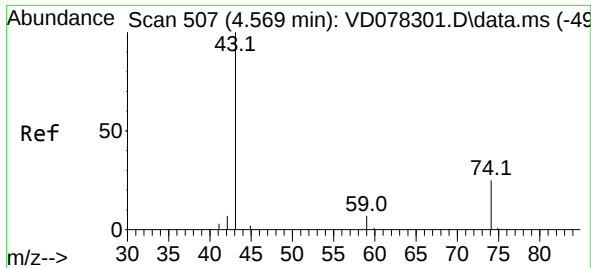
Tgt Ion: 76 Resp: 297444

Ion Ratio Lower Upper

76 100

78 9.9 7.8 11.8

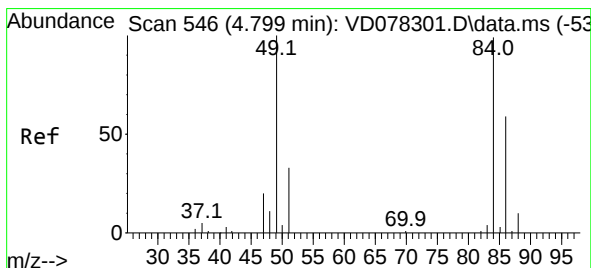
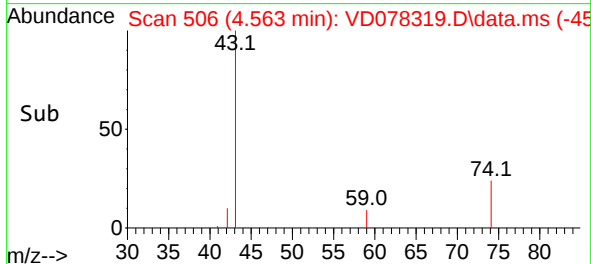
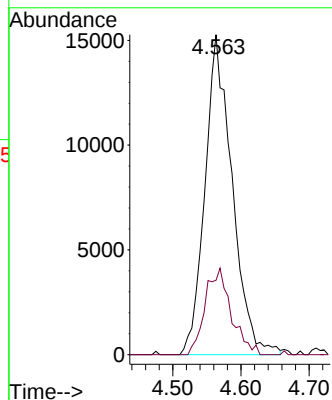
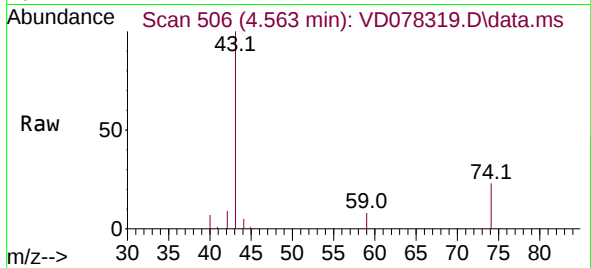




#15
Methyl Acetate
Concen: 24.820 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

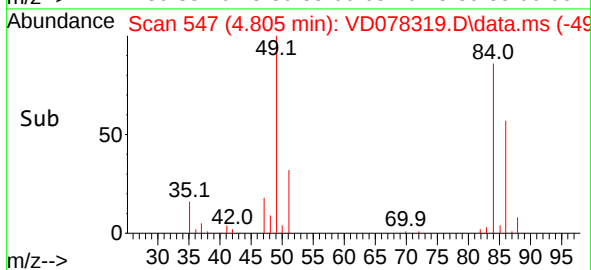
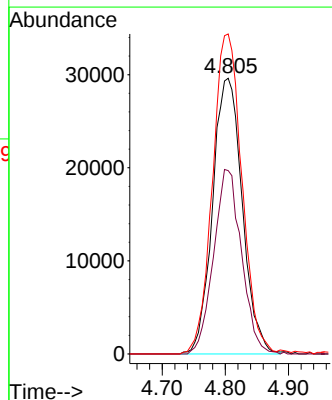
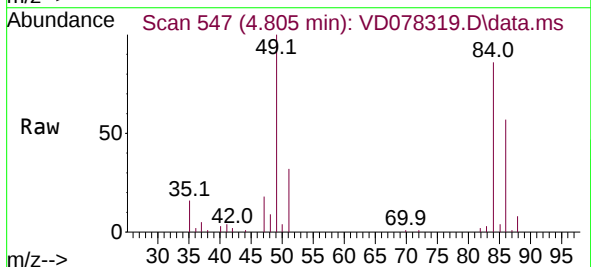
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

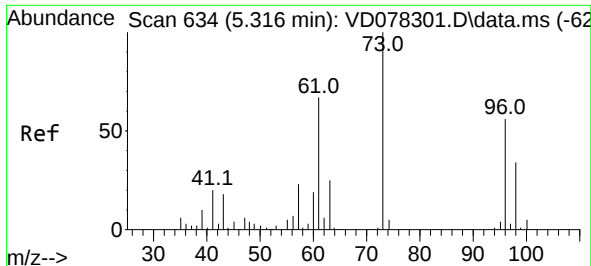
Tgt Ion: 43 Resp: 42300
Ion Ratio Lower Upper
43 100
74 8.8 12.7 19.1#



#16
Methylene chloride
Concen: 23.735 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 84 Resp: 96535
Ion Ratio Lower Upper
84 100
86 66.5 45.4 84.2
49 116.0 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 27.019 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

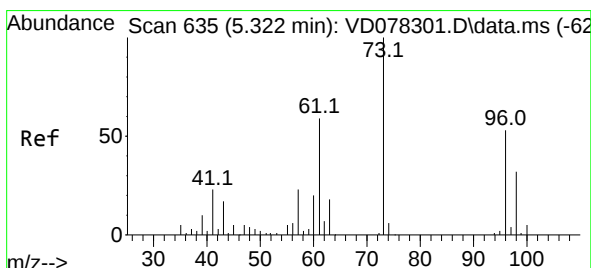
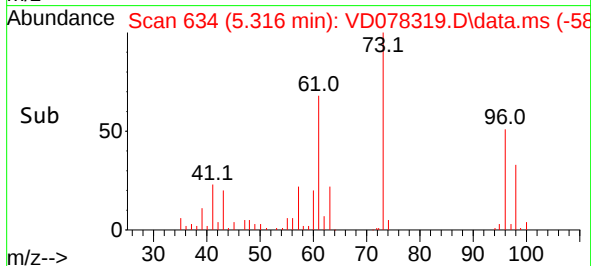
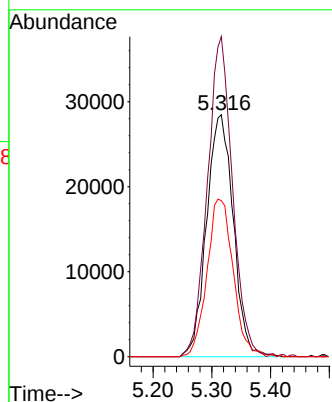
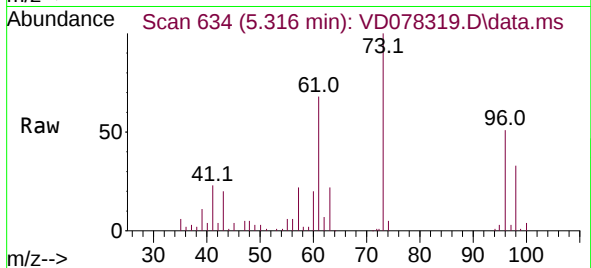
Tgt Ion: 96 Resp: 89623

Ion Ratio Lower Upper

96 100

61 132.3 82.7 153.7

98 64.5 40.7 75.7



#18

Methyl tert-butyl Ether

Concen: 26.103 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

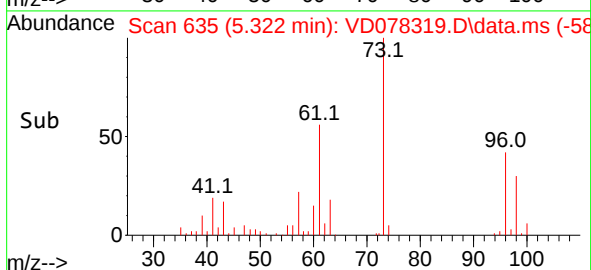
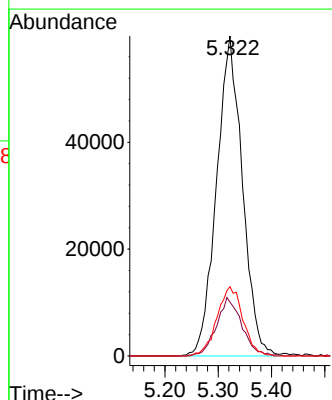
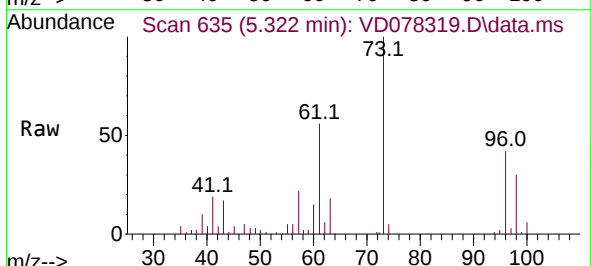
Tgt Ion: 73 Resp: 201387

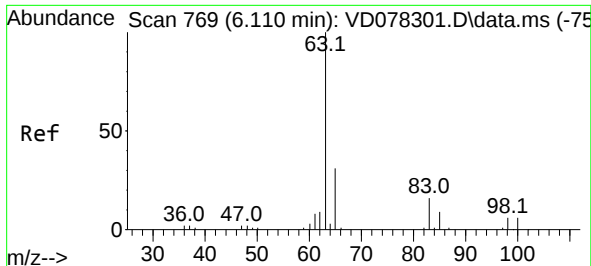
Ion Ratio Lower Upper

73 100

43 17.8 13.3 19.9

57 21.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 27.066 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

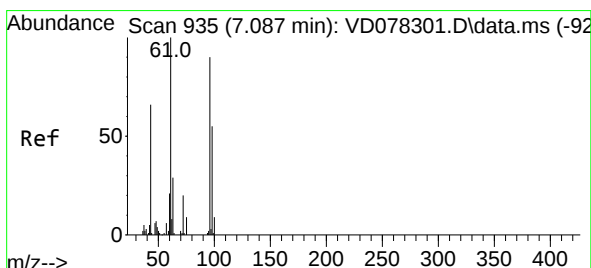
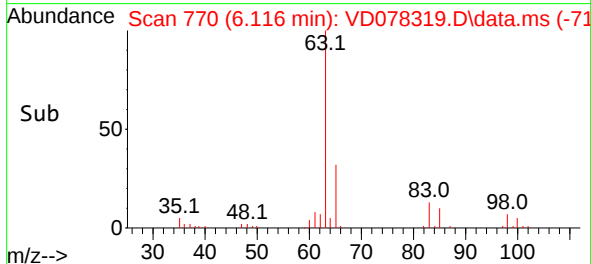
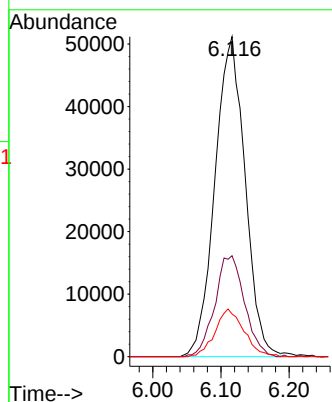
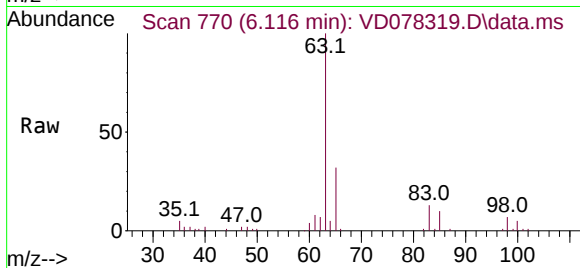
Tgt Ion: 63 Resp: 157101

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.4

83 13.4 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 26.615 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

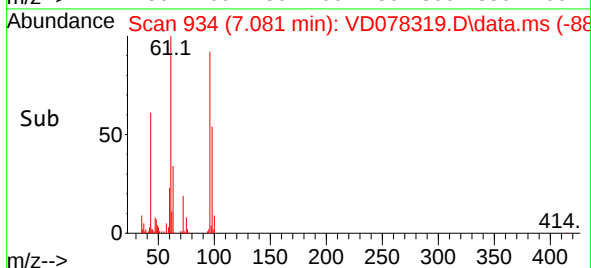
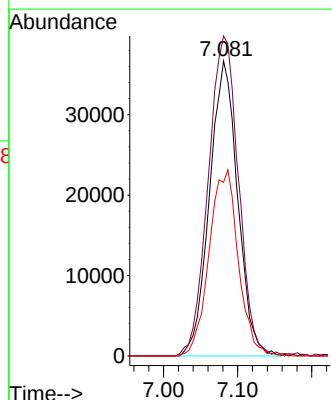
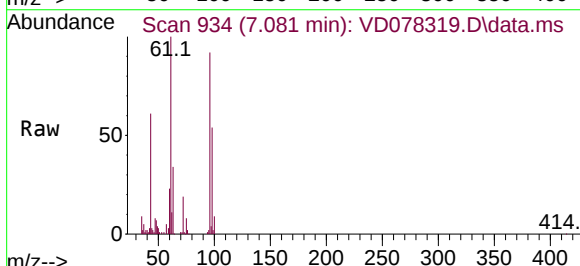
Tgt Ion: 96 Resp: 96756

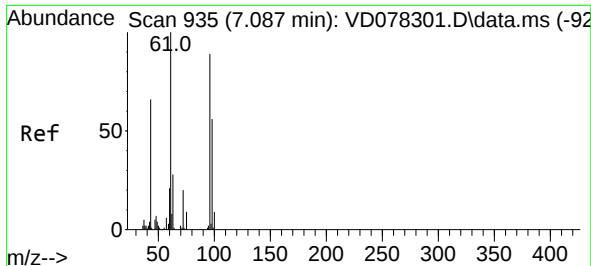
Ion Ratio Lower Upper

96 100

61 108.5 75.6 140.4

98 58.8 43.1 80.1

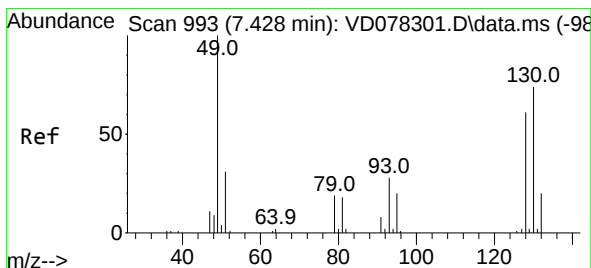
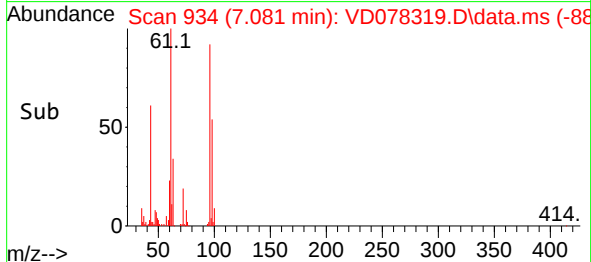
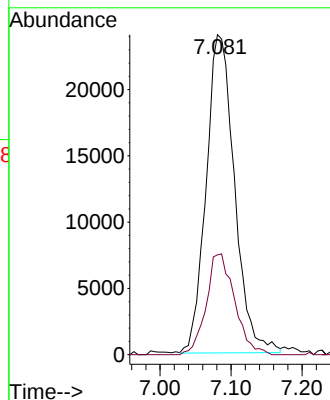
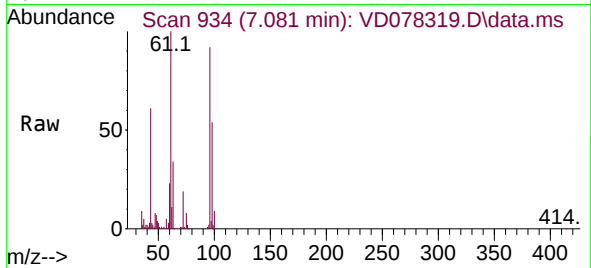




#22
2-Butanone
Concen: 48.465 ug/L
RT: 7.081 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

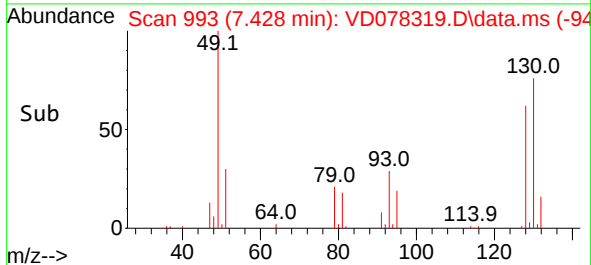
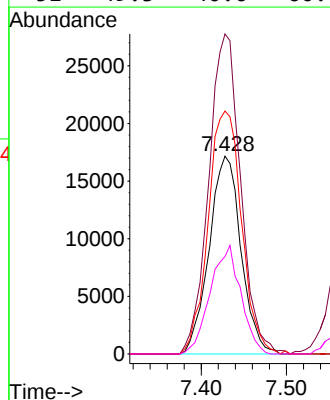
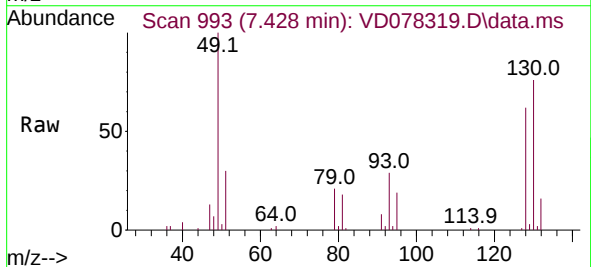
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

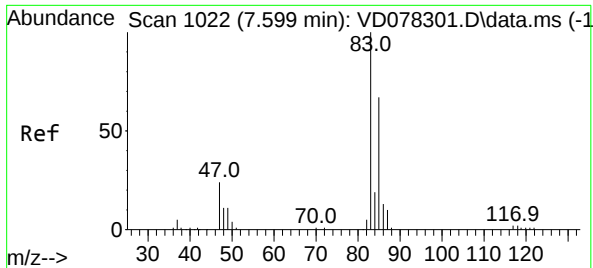
Tgt Ion: 43 Resp: 66746
Ion Ratio Lower Upper
43 100
72 31.1 15.4 46.2



#23
Bromochloromethane
Concen: 27.793 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 128 Resp: 44631
Ion Ratio Lower Upper
128 100
49 161.7 102.7 190.7
130 122.8 82.6 153.4
51 49.3 40.6 60.8

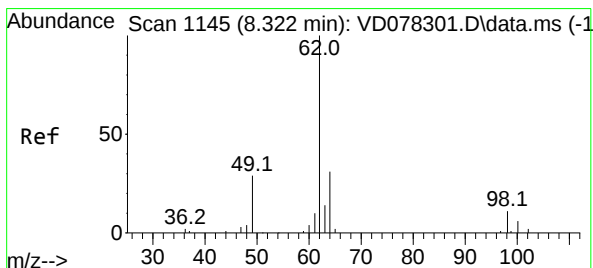
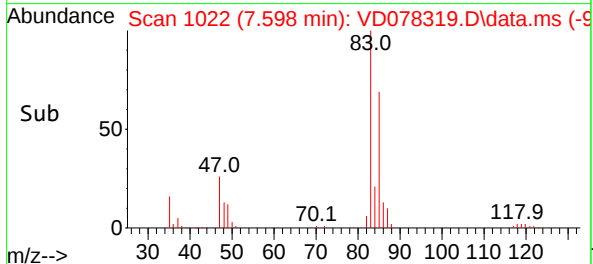
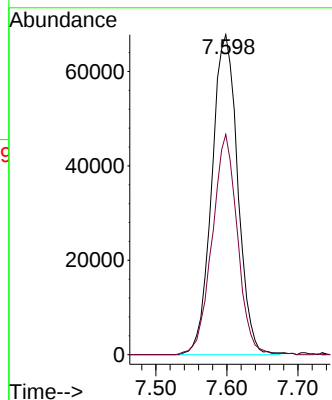
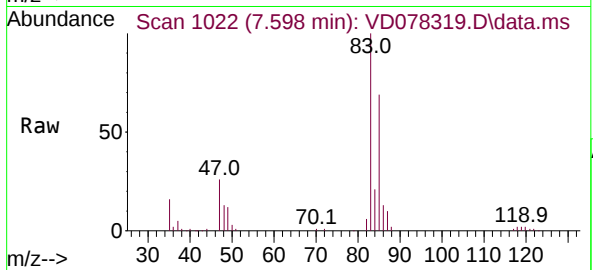




#25
Chloroform
Concen: 27.009 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

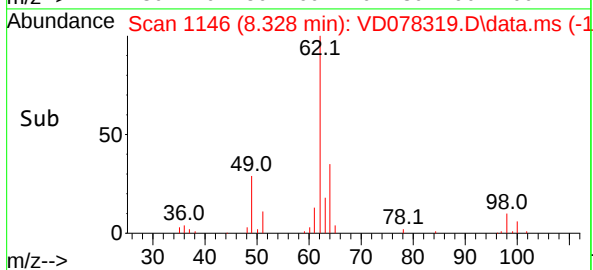
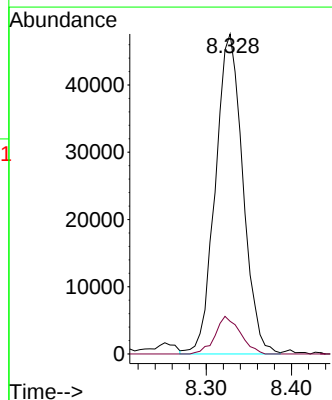
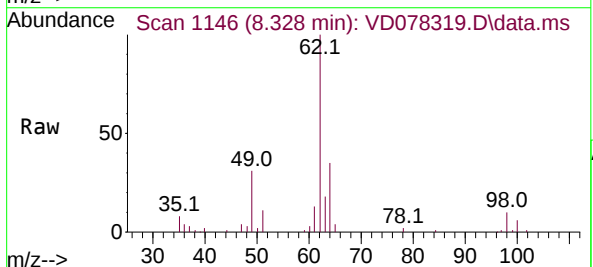
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

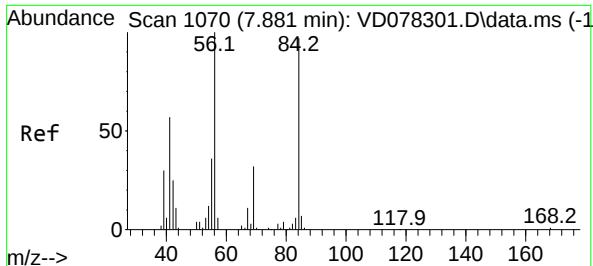
Tgt Ion: 83 Resp: 171070
Ion Ratio Lower Upper
83 100
85 68.8 44.9 83.3



#27
1,2-Dichloroethane
Concen: 26.209 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 62 Resp: 106612
Ion Ratio Lower Upper
62 100
98 10.2 9.5 14.3





#29

Cyclohexane

Concen: 30.225 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

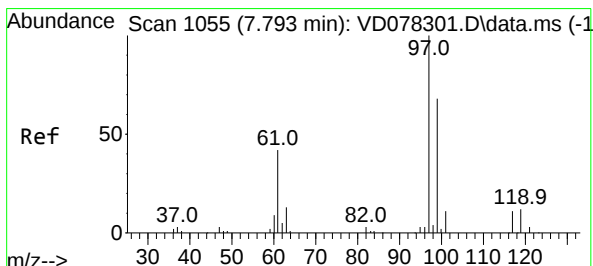
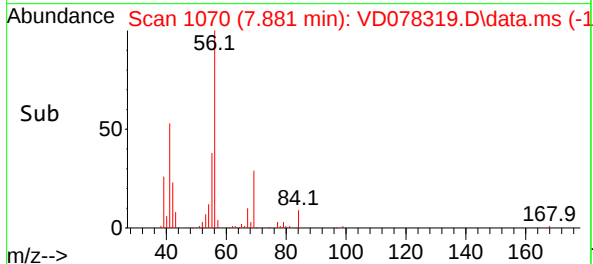
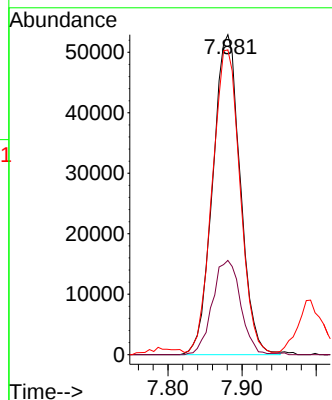
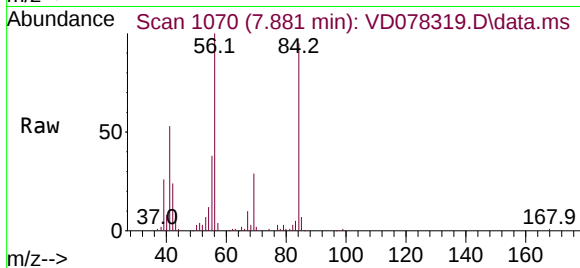
Tgt Ion: 56 Resp: 135973

Ion Ratio Lower Upper

56 100

69 30.1 23.3 34.9

84 95.7 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 28.213 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

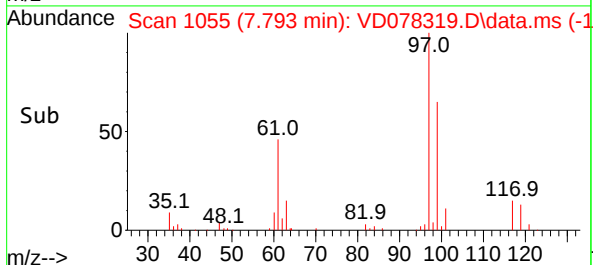
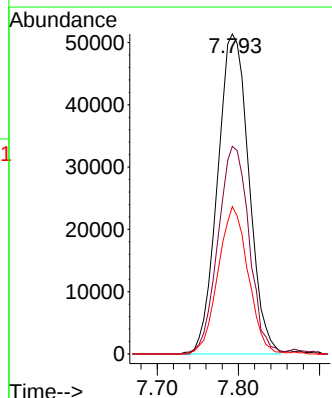
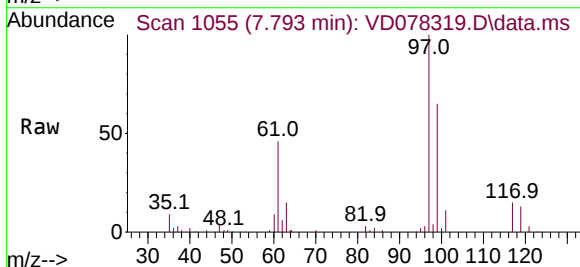
Tgt Ion: 97 Resp: 137634

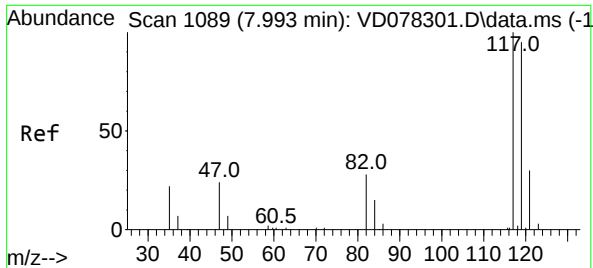
Ion Ratio Lower Upper

97 100

99 64.5 50.7 76.1

61 44.2 34.4 51.6

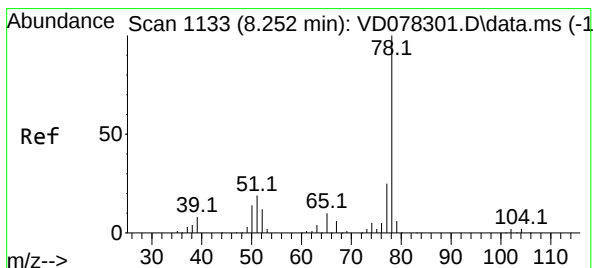
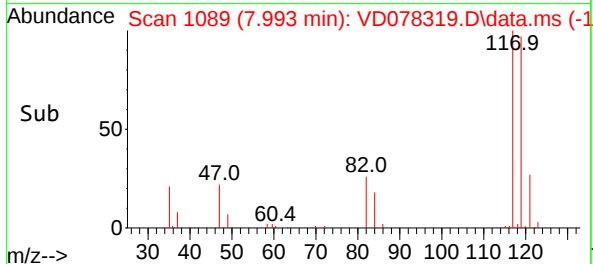
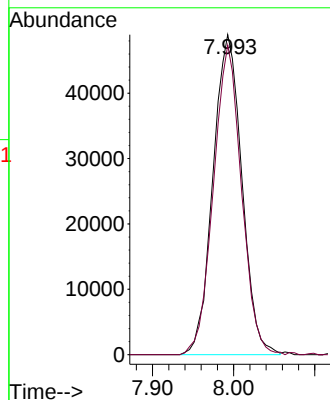
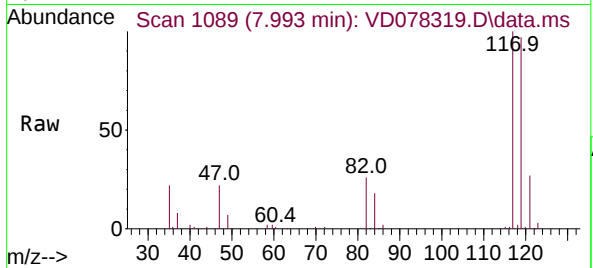




#31
Carbon tetrachloride
Concen: 28.129 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

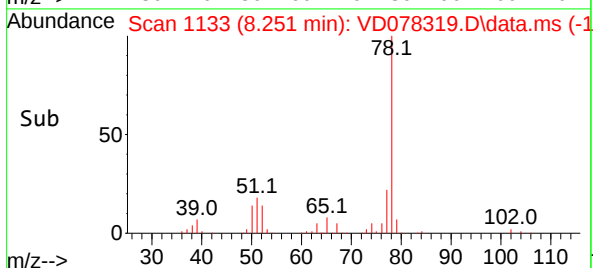
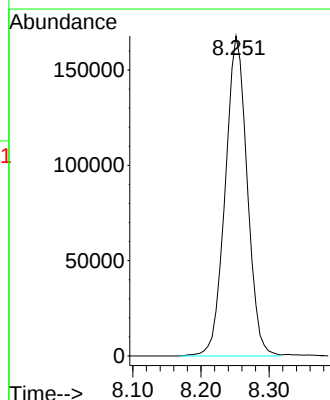
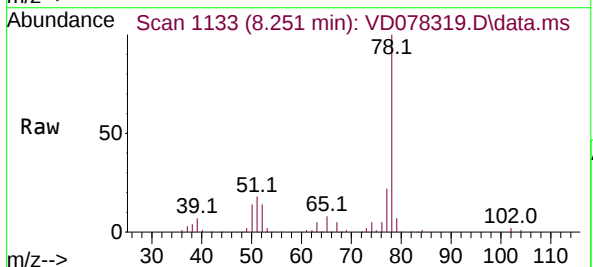
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

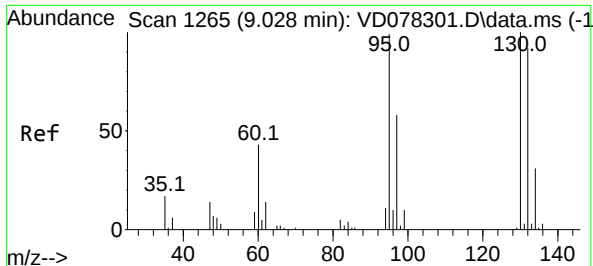
Tgt Ion:117 Resp: 120884
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.4



#33
Benzene
Concen: 28.026 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 78 Resp: 375837





#34

Trichloroethene

Concen: 26.682 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

Tgt Ion: 95 Resp: 90371

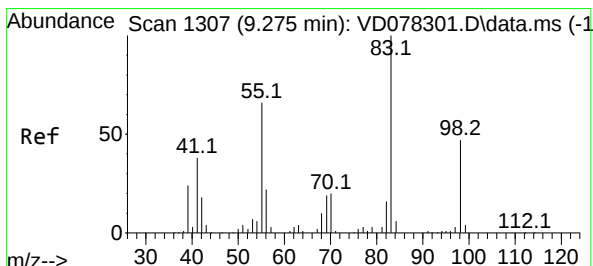
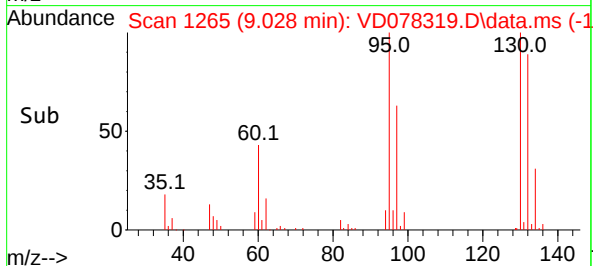
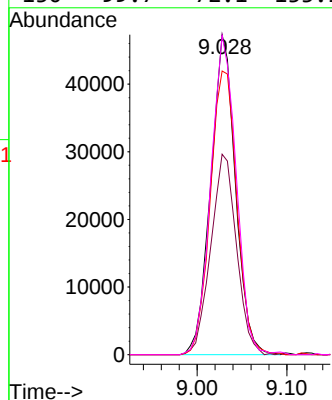
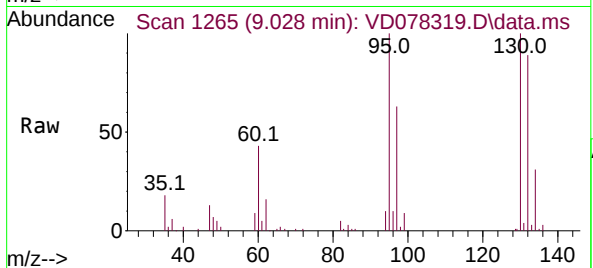
Ion Ratio Lower Upper

95 100

97 62.6 46.9 87.1

132 88.7 73.7 136.9

130 99.7 72.1 133.9



#35

Methylcyclohexane

Concen: 30.077 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

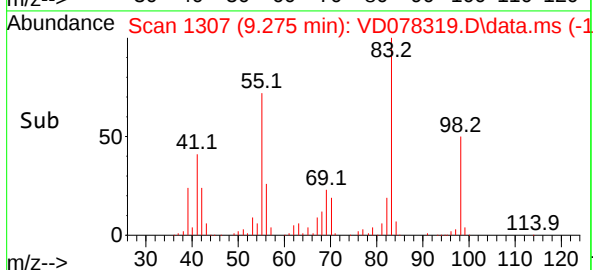
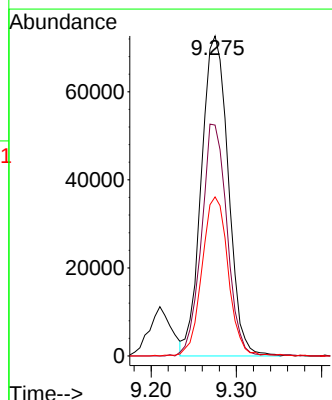
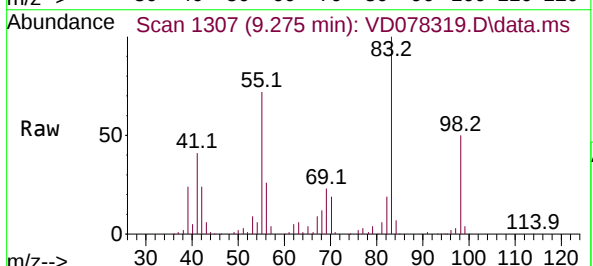
Tgt Ion: 83 Resp: 159402

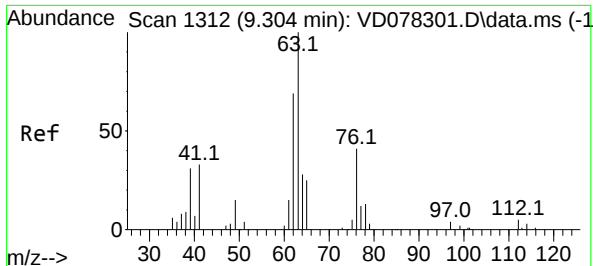
Ion Ratio Lower Upper

83 100

55 68.4 56.2 84.4

98 48.1 41.2 61.8





#37

1,2-Dichloropropane

Concen: 27.593 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

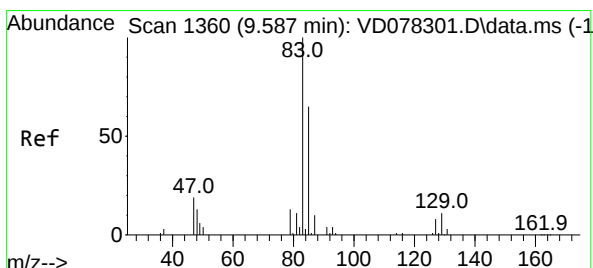
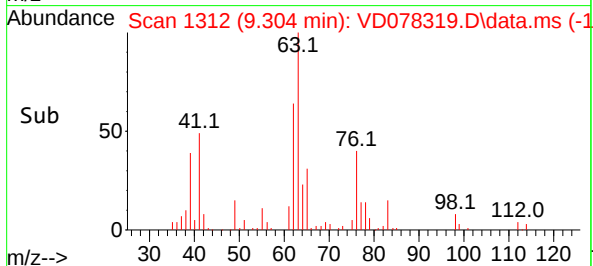
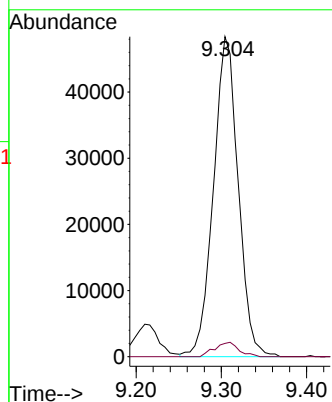
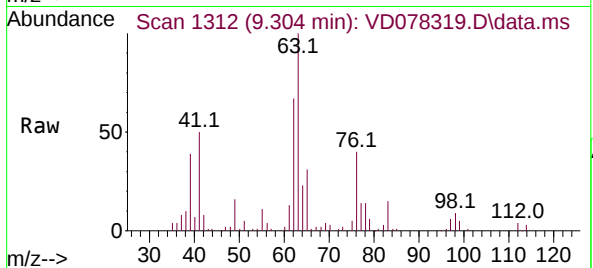
VSTD025236

Tgt Ion: 63 Resp: 97505

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 27.382 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

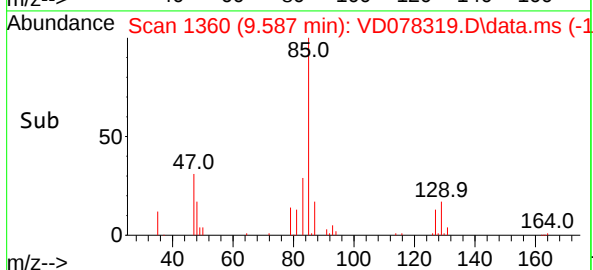
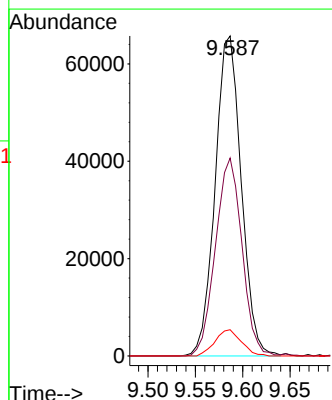
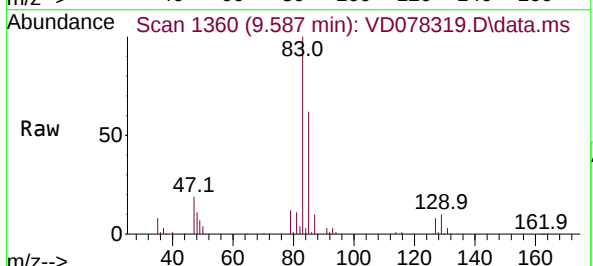
Tgt Ion: 83 Resp: 126245

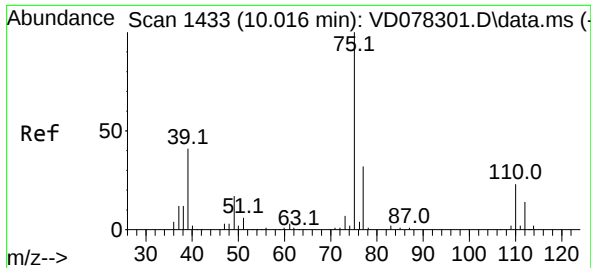
Ion Ratio Lower Upper

83 100

85 61.9 46.6 86.6

127 8.2 8.1 12.1

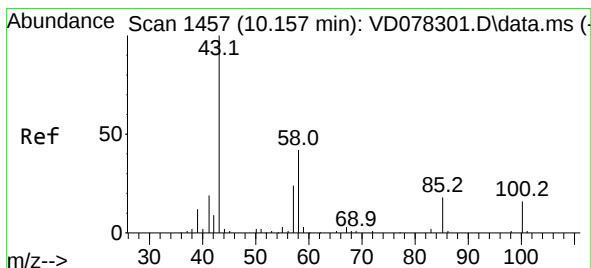
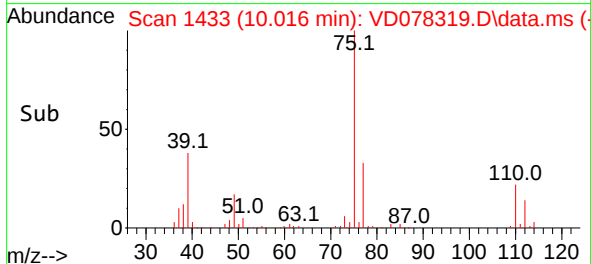
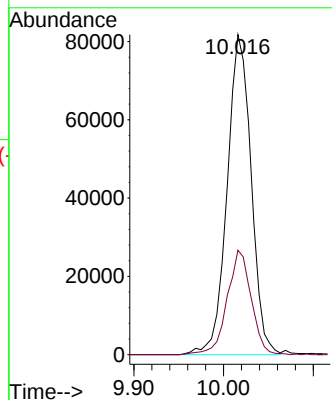
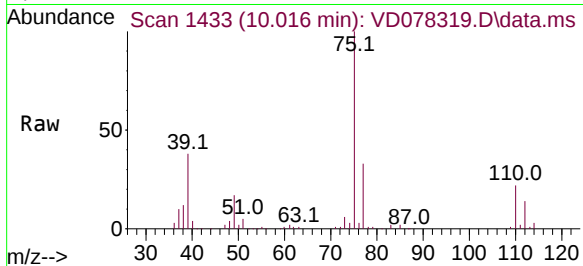




#39
 cis-1,3-Dichloropropene
 Concen: 27.652 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

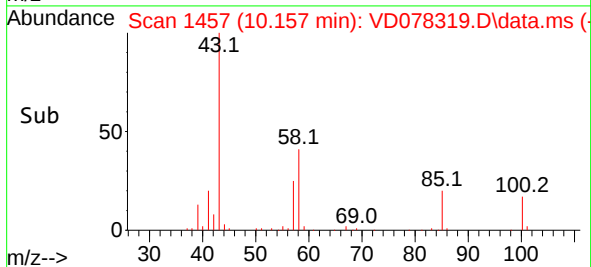
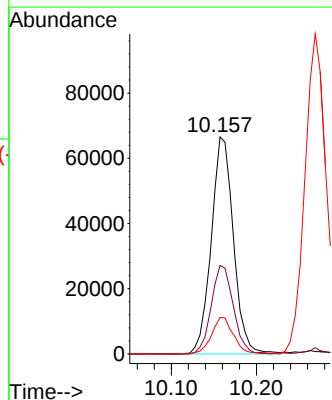
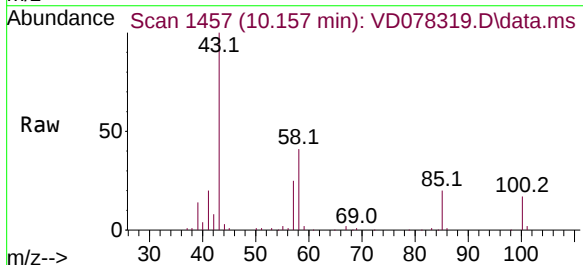
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025236

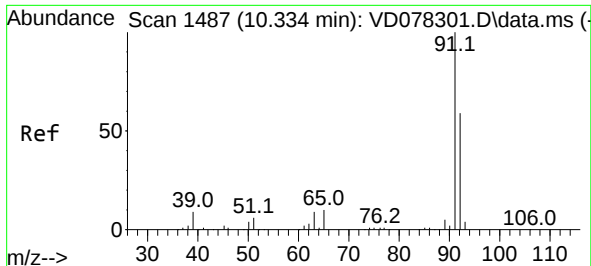
Tgt Ion: 75 Resp: 152099
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 55.045 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

Tgt Ion: 43 Resp: 120803
 Ion Ratio Lower Upper
 43 100
 58 40.1 34.0 51.0
 100 16.5 13.2 19.8

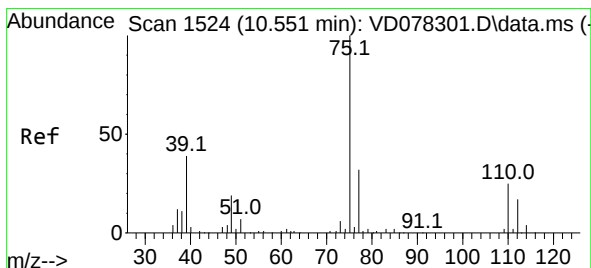
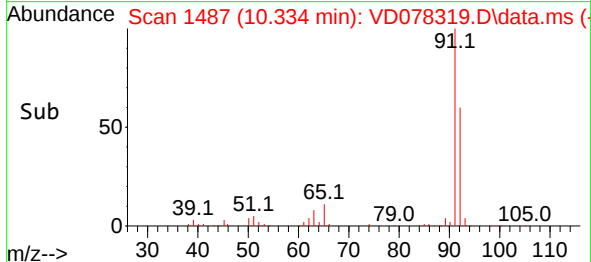
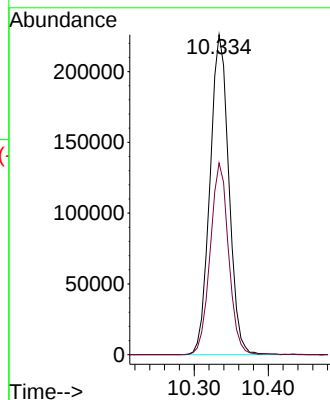
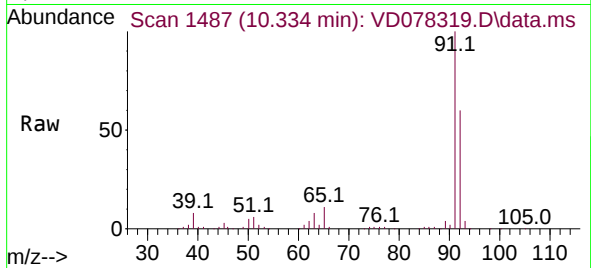




#42
Toluene
Concen: 28.610 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

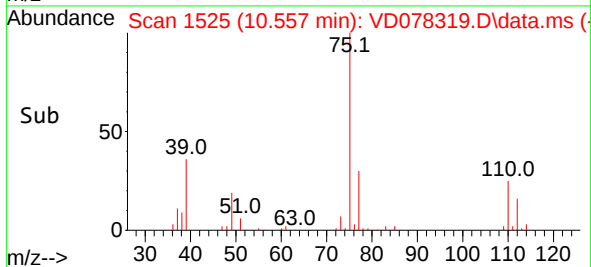
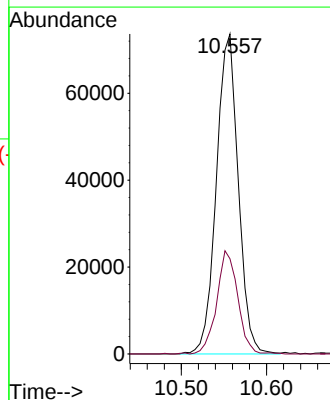
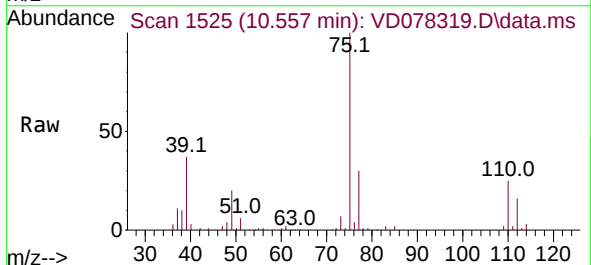
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

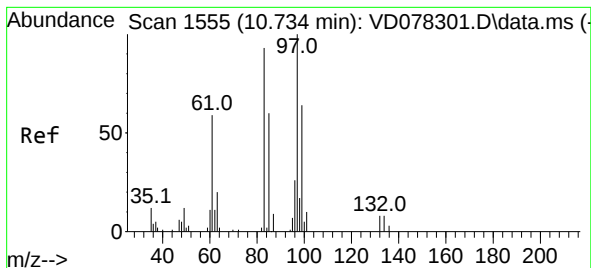
Tgt Ion: 91 Resp: 399182
Ion Ratio Lower Upper
91 100
92 59.9 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 27.360 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 75 Resp: 131667
Ion Ratio Lower Upper
75 100
77 29.8 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 27.370 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

Tgt Ion: 97 Resp: 77093

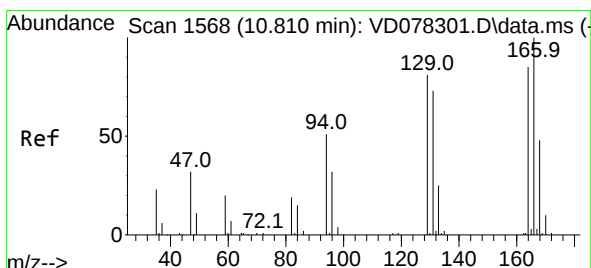
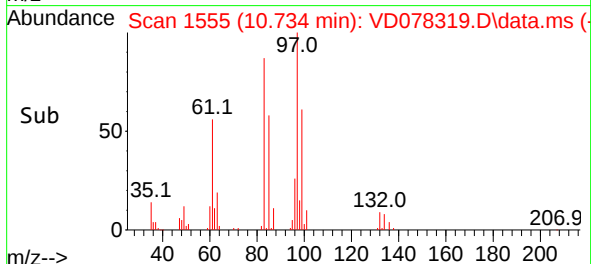
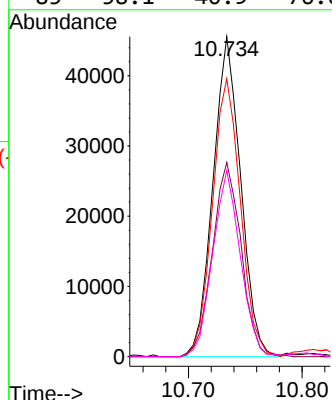
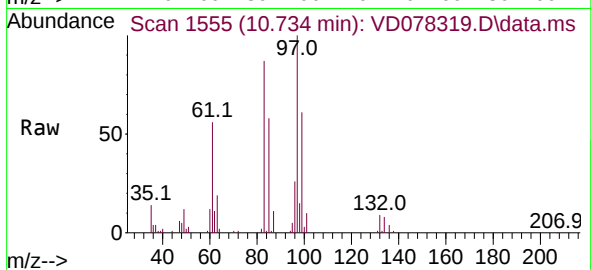
Ion Ratio Lower Upper

97 100

99 60.7 45.4 84.4

83 86.9 59.5 110.5

85 58.1 40.9 76.0



#46

Tetrachloroethene

Concen: 28.559 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Tgt Ion:164 Resp: 66419

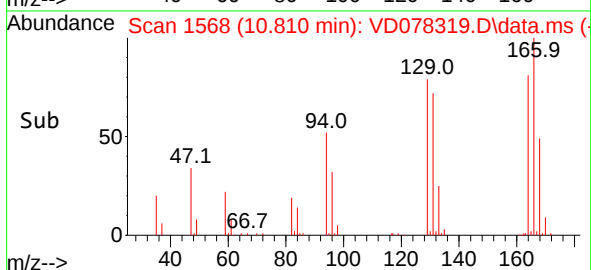
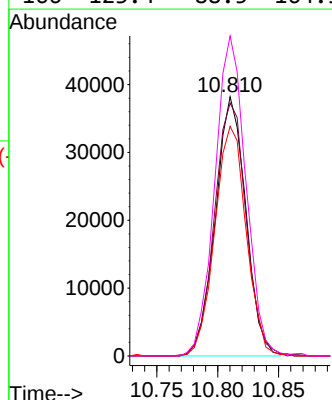
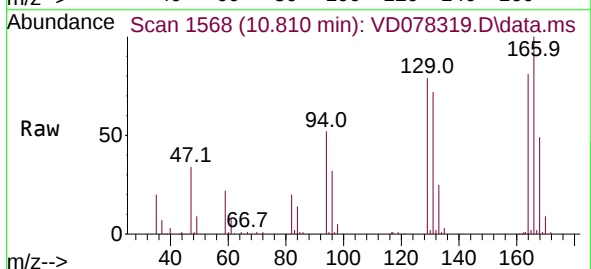
Ion Ratio Lower Upper

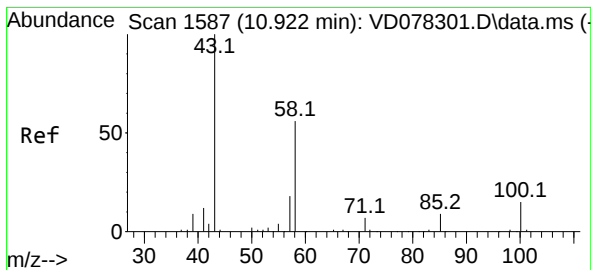
164 100

129 97.6 66.7 123.9

131 88.6 65.2 121.0

166 123.4 88.5 164.3





#48

2-Hexanone

Concen: 55.874 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

Tgt Ion: 43 Resp: 100020

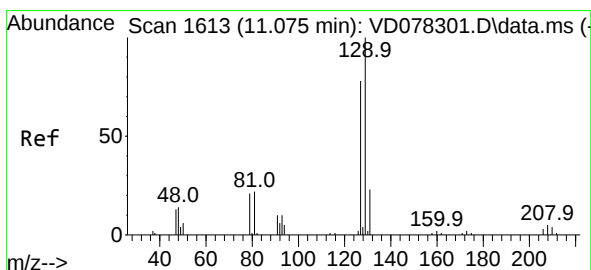
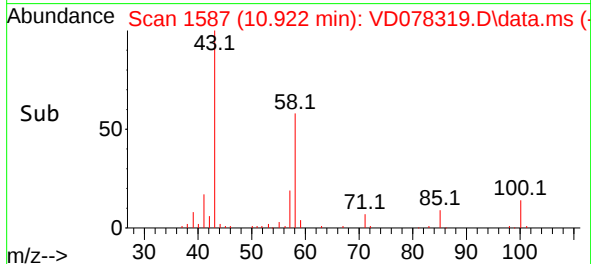
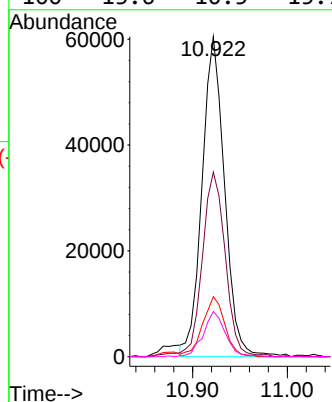
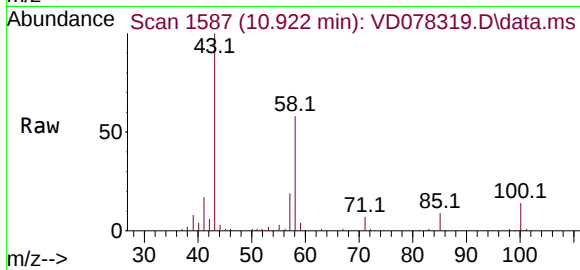
Ion	Ratio	Lower	Upper
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43	100		
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58	56.8	48.5	72.7
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57	18.5	15.6	23.4
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100	13.6	10.5	15.7
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#49

Dibromochloromethane

Concen: 26.629 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078319.D

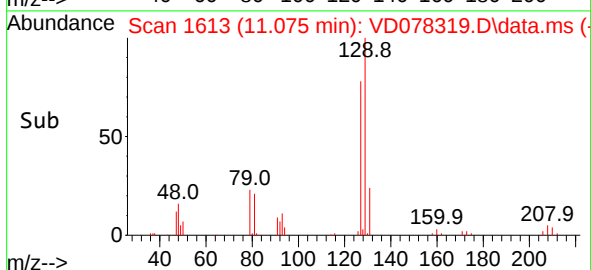
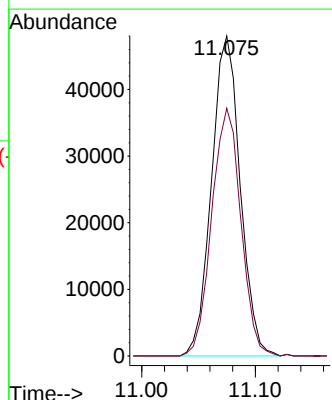
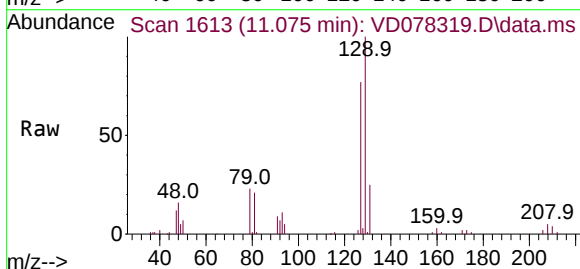
Acq: 02 Feb 2024 10:36

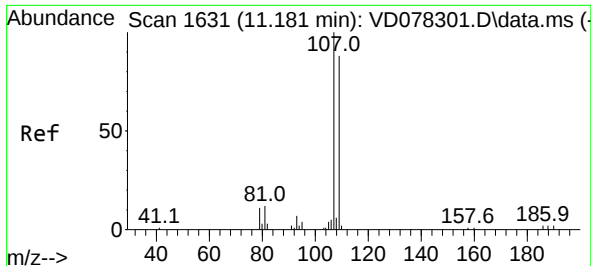
Tgt Ion: 129 Resp: 84295

Ion	Ratio	Lower	Upper
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129	100		
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127	77.4	52.7	97.9
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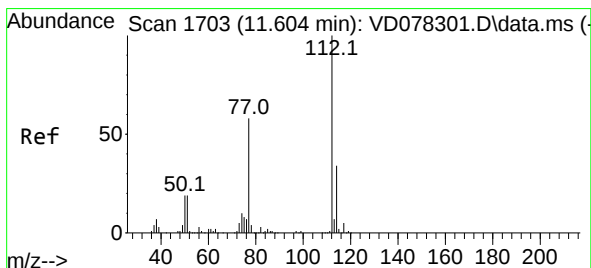
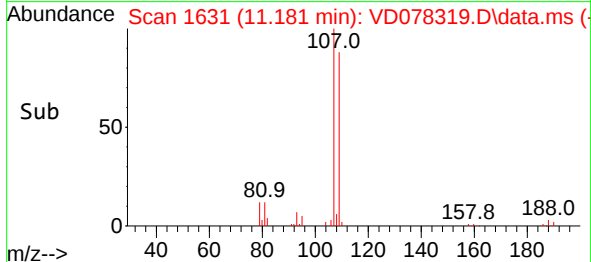
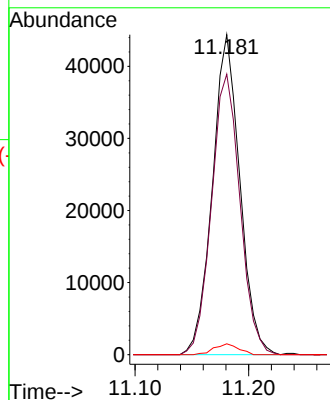
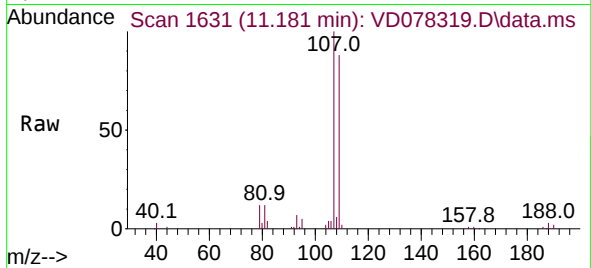




#50
1,2-Dibromoethane
Concen: 27.130 ug/L
RT: 11.181 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

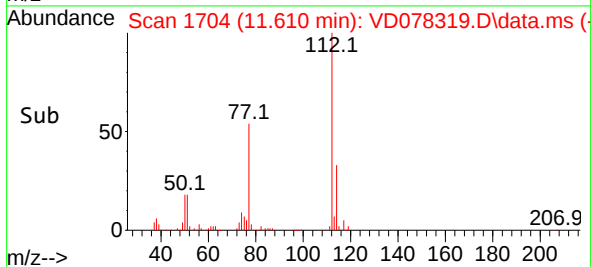
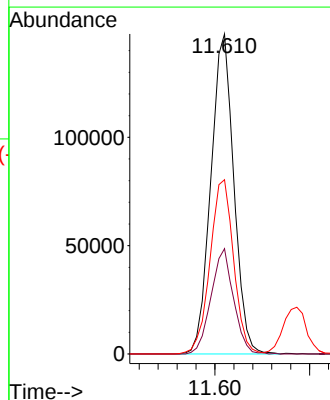
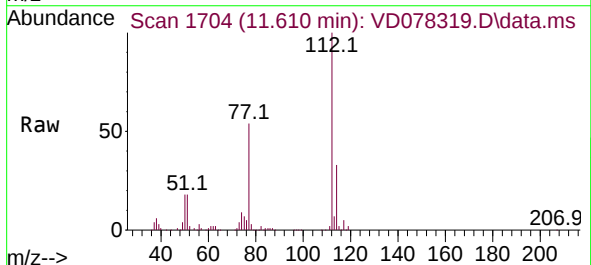
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

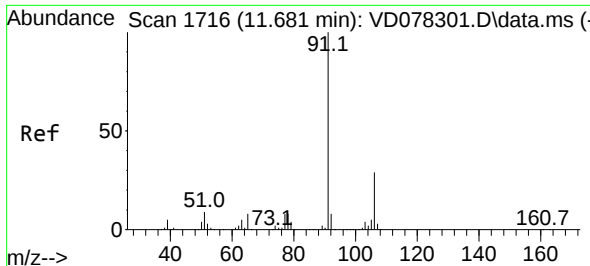
Tgt Ion:107 Resp: 74542
Ion Ratio Lower Upper
107 100
109 87.7 64.0 118.8
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 27.585 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:112 Resp: 249200
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.3
77 54.4 42.3 63.5

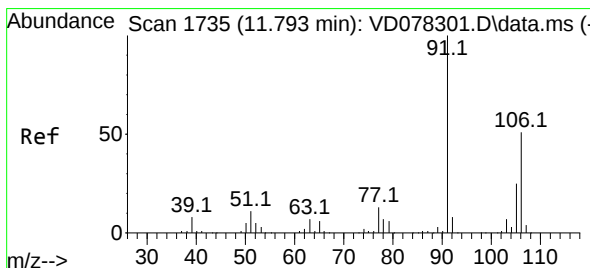
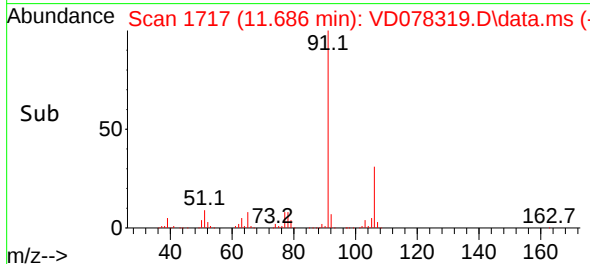
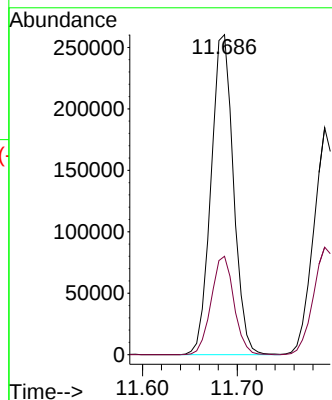
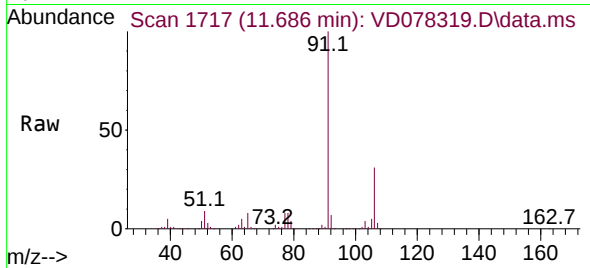




#52
Ethylbenzene
Concen: 28.640 ug/L
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

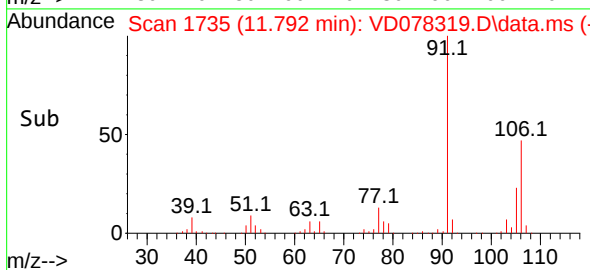
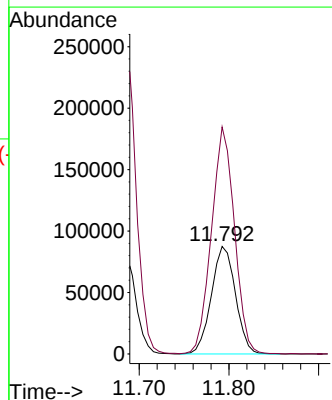
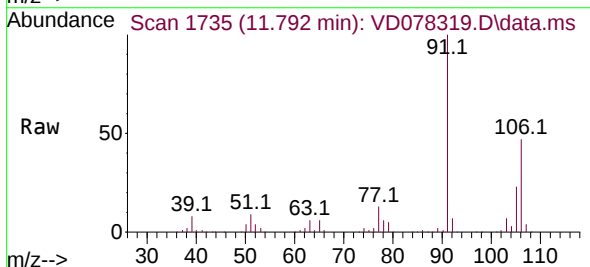
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

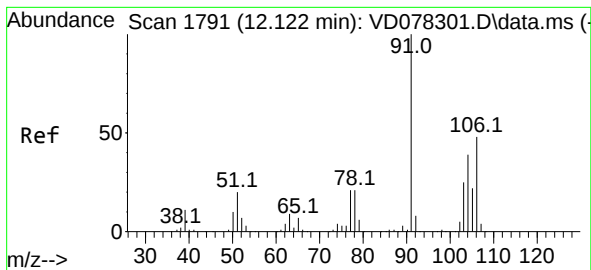
Tgt Ion: 91 Resp: 429252
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.7



#53
m,p-Xylene
Concen: 28.344 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion: 106 Resp: 163263
Ion Ratio Lower Upper
106 100
91 211.1 138.3 256.8

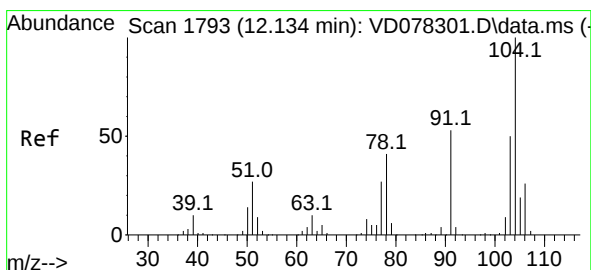
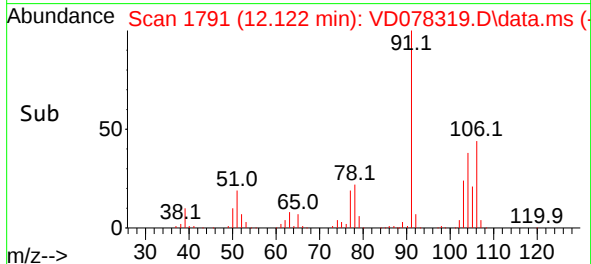
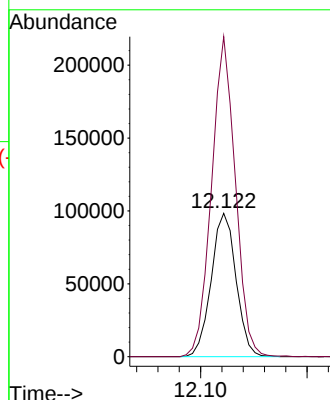
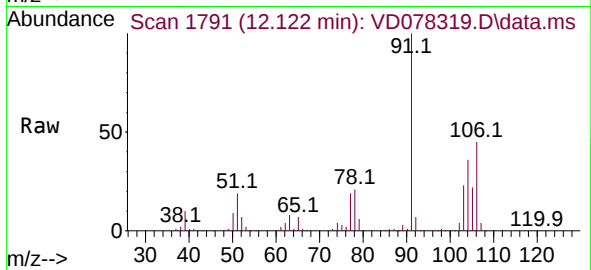




#54
o-Xylene
Concen: 28.636 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

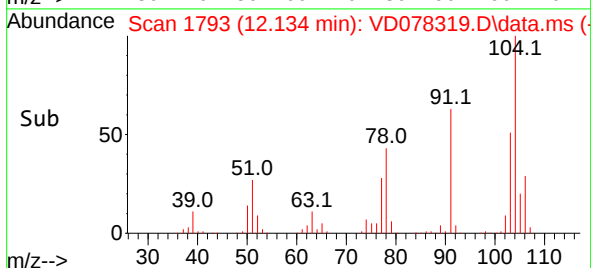
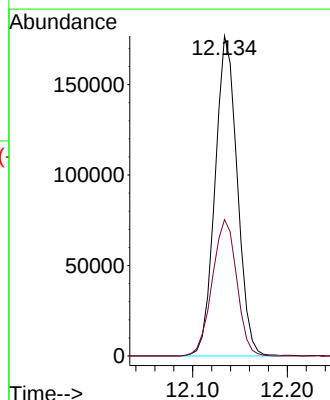
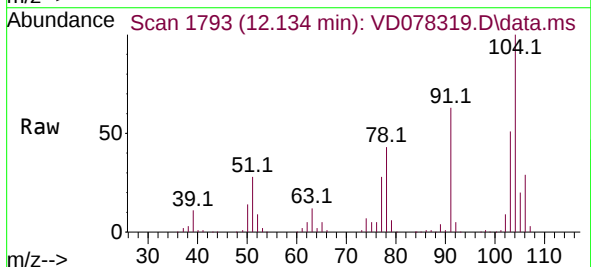
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

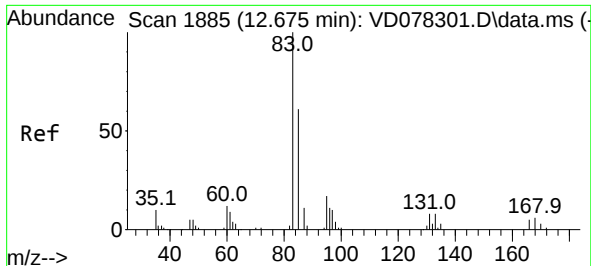
Tgt Ion:106 Resp: 159060
Ion Ratio Lower Upper
106 100
91 223.1 148.0 274.8



#55
Styrene
Concen: 28.810 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:104 Resp: 288670
Ion Ratio Lower Upper
104 100
78 42.6 29.5 54.7

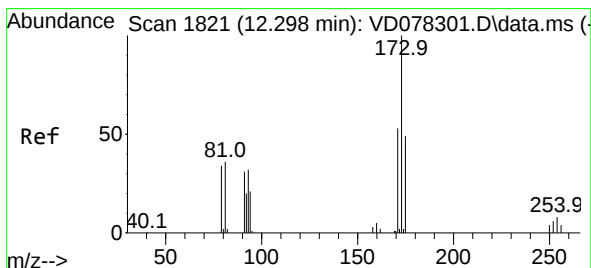
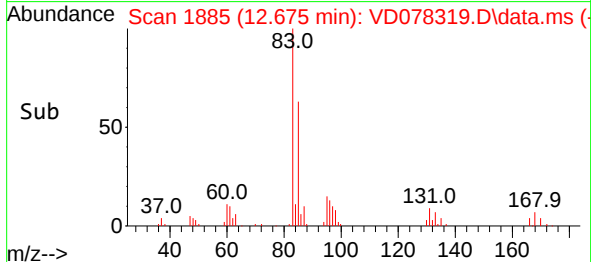
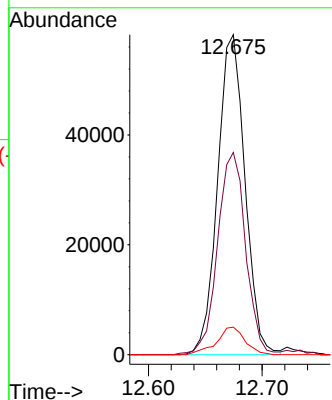
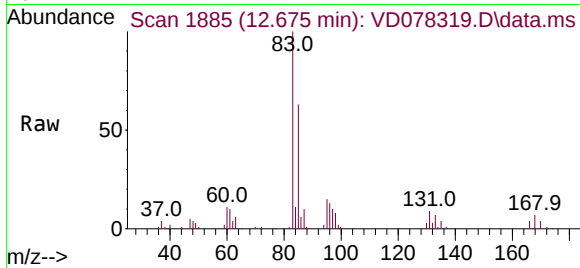




#57
1,1,2,2-Tetrachloroethane
Concen: 27.034 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

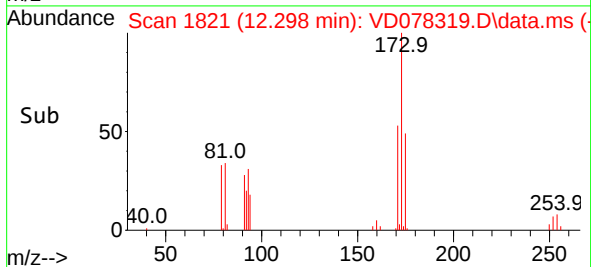
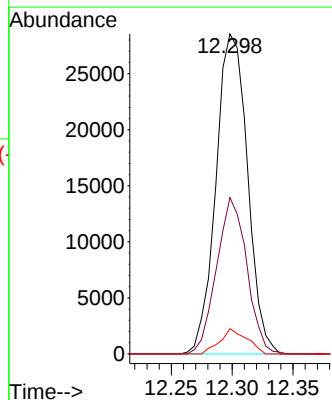
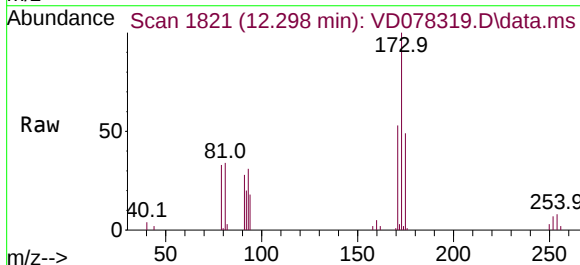
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

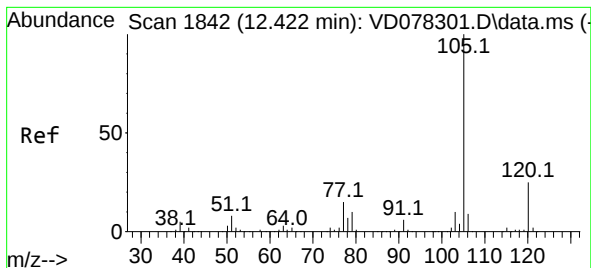
Tgt Ion:	83	Resp:	97565
Ion	Ratio	Lower	Upper
83	100		
85	63.2	42.6	79.0
131	8.6	6.0	9.0



#59
Bromoform
Concen: 26.356 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:	173	Resp:	51536
Ion	Ratio	Lower	Upper
173	100		
175	46.8	40.2	60.4
254	6.7	6.6	9.8





#60

Isopropylbenzene

Concen: 28.452 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

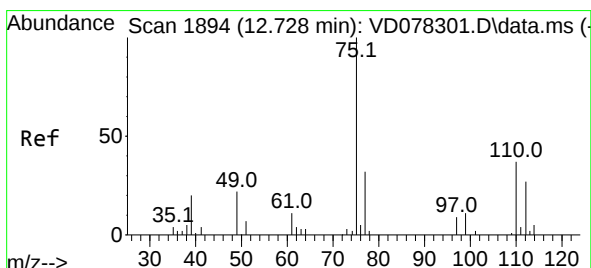
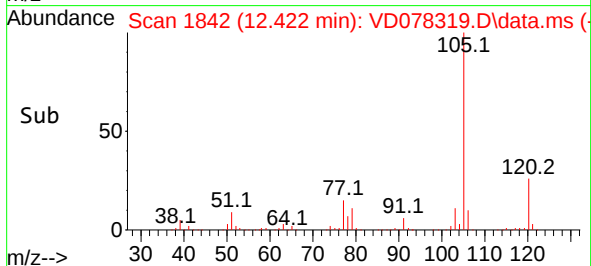
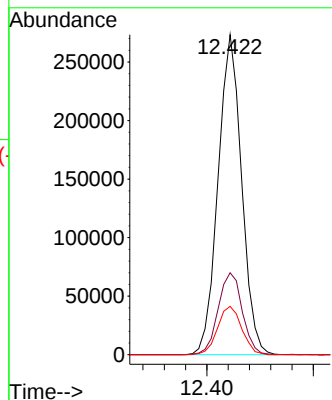
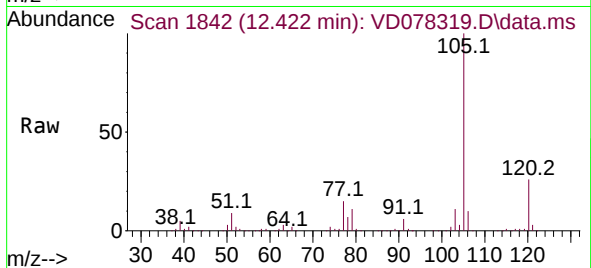
Tgt Ion:105 Resp: 418978

Ion Ratio Lower Upper

105 100

120 26.2 20.4 30.6

77 15.4 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 25.644 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

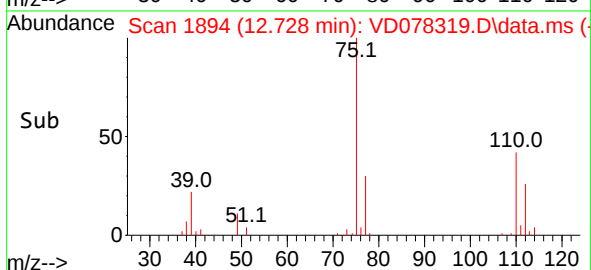
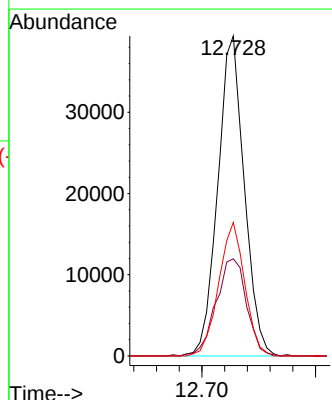
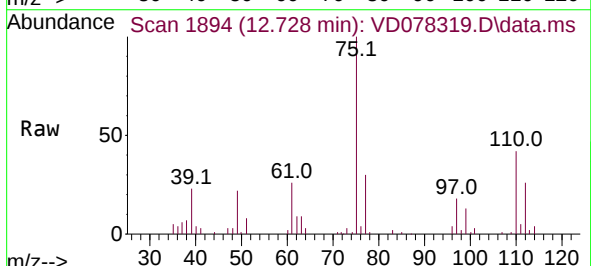
Tgt Ion: 75 Resp: 63748

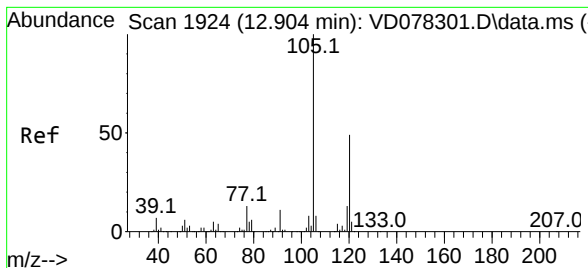
Ion Ratio Lower Upper

75 100

77 34.8 26.5 39.7

110 41.0 31.8 47.8

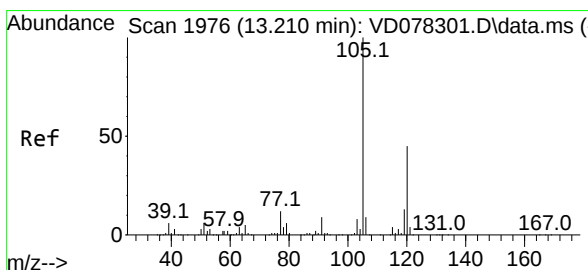
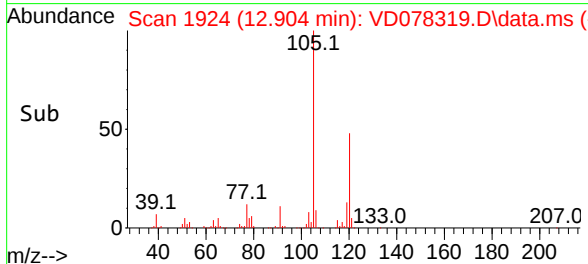
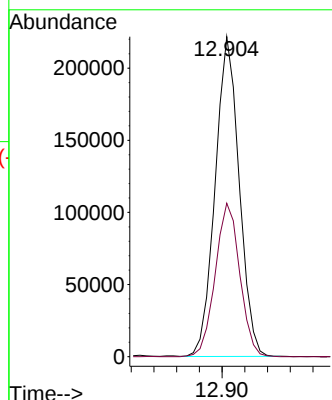
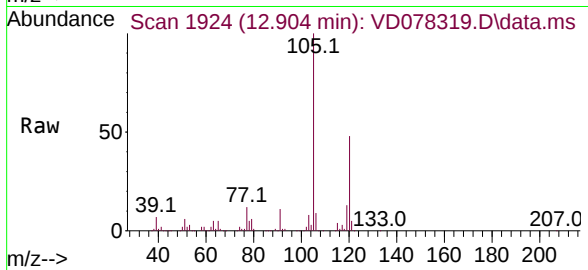




#62
1,3,5-Trimethylbenzene
Concen: 28.273 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

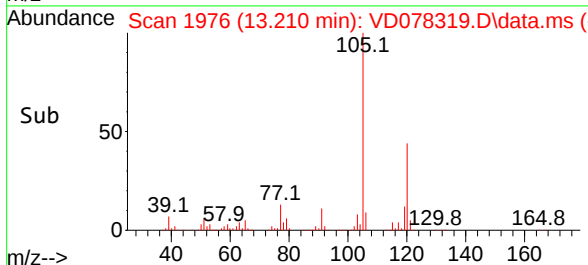
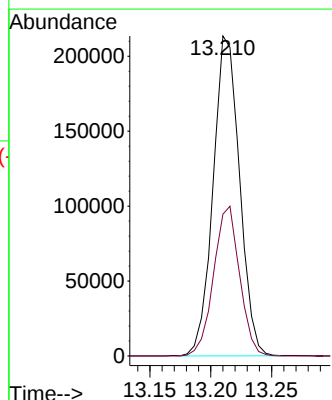
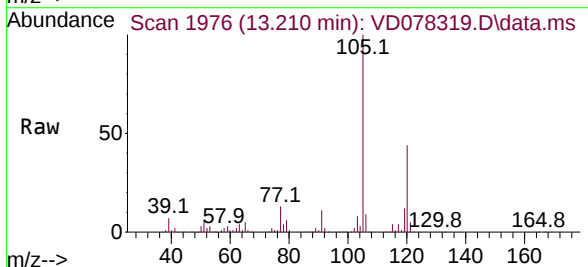
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

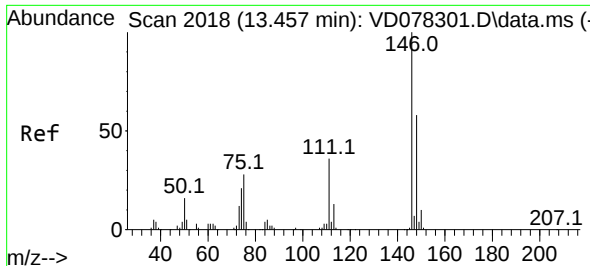
Tgt Ion:105 Resp: 325667
Ion Ratio Lower Upper
105 100
120 49.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 28.280 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:105 Resp: 322643
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.4

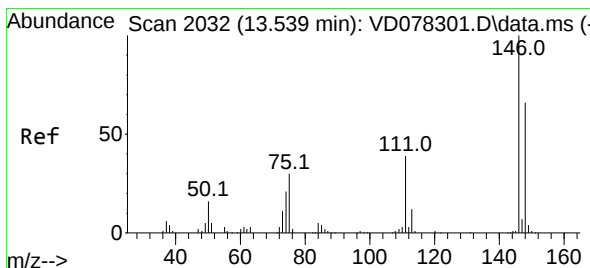
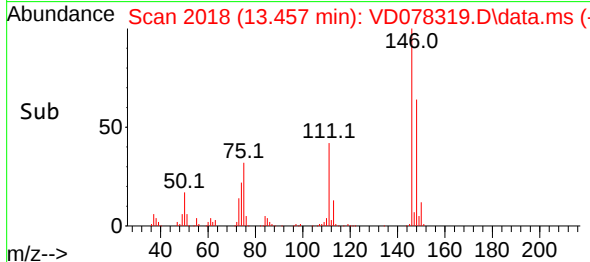
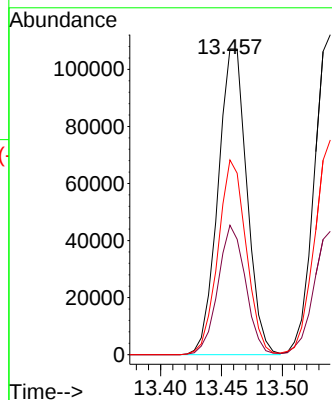
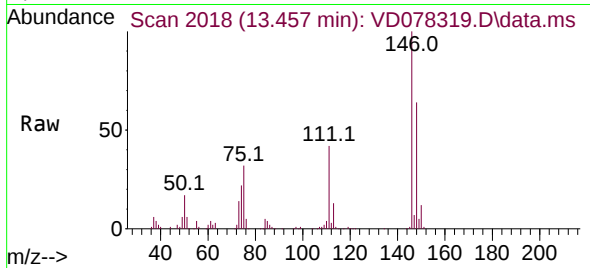




#64
1,3-Dichlorobenzene
Concen: 26.954 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

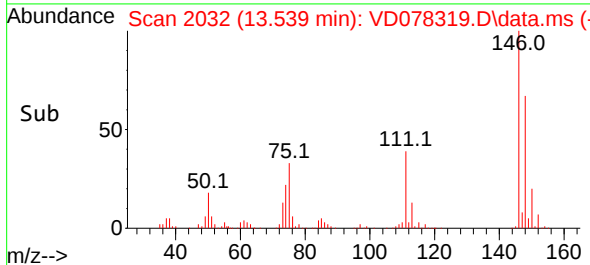
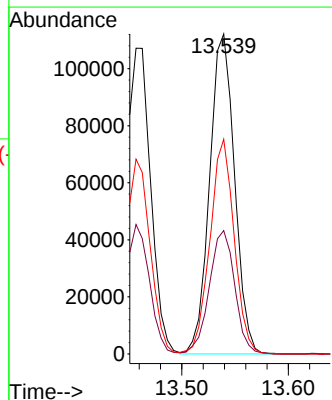
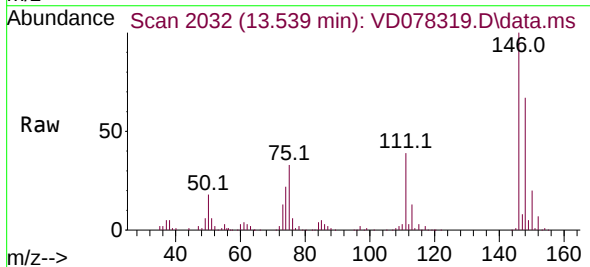
Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

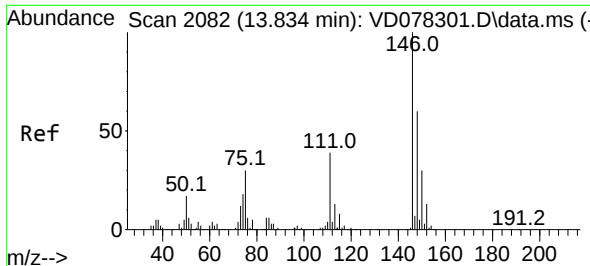
Tgt Ion:146 Resp: 177121
Ion Ratio Lower Upper
146 100
111 42.3 28.6 53.0
148 63.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.503 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:146 Resp: 182328
Ion Ratio Lower Upper
146 100
111 38.5 26.4 49.0
148 67.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.693 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTD025236

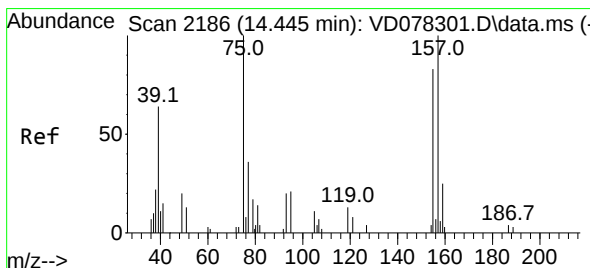
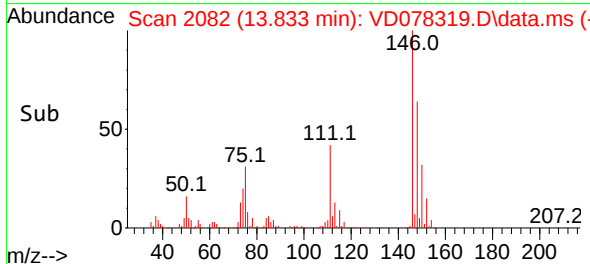
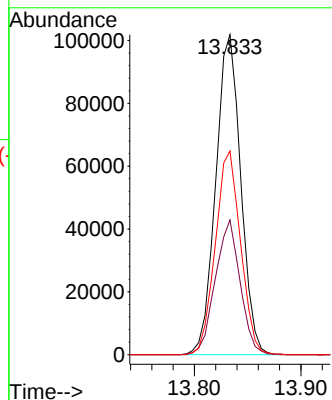
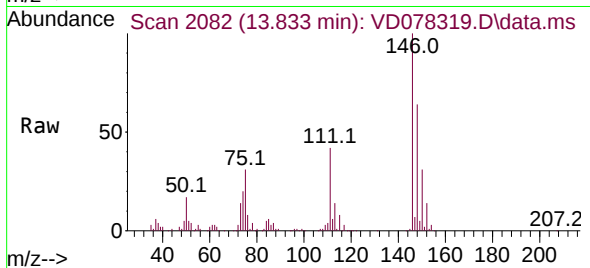
Tgt Ion:146 Resp: 165919

Ion Ratio Lower Upper

146 100

111 42.1 33.6 50.4

148 63.7 48.4 72.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.847 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078319.D

Acq: 02 Feb 2024 10:36

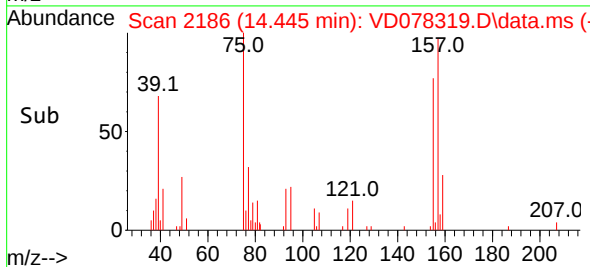
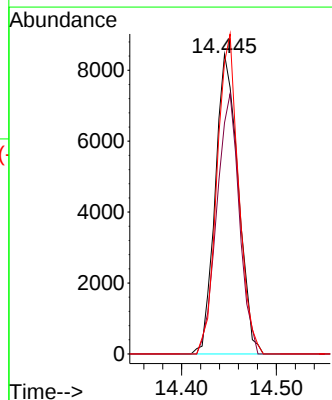
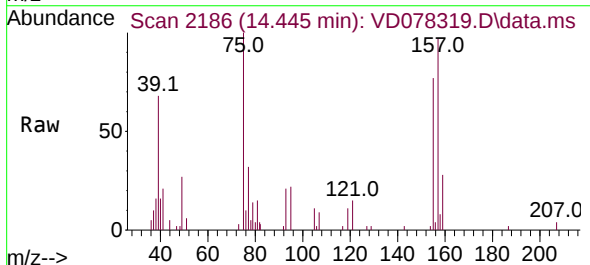
Tgt Ion: 75 Resp: 14236

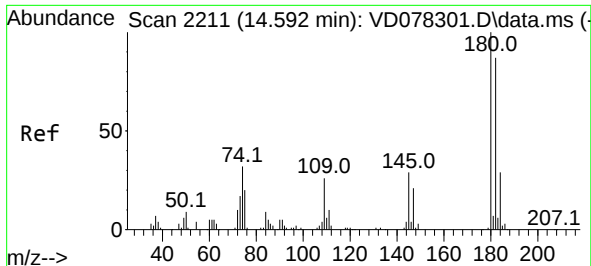
Ion Ratio Lower Upper

75 100

155 77.1 61.6 92.4

157 97.3 78.1 117.1

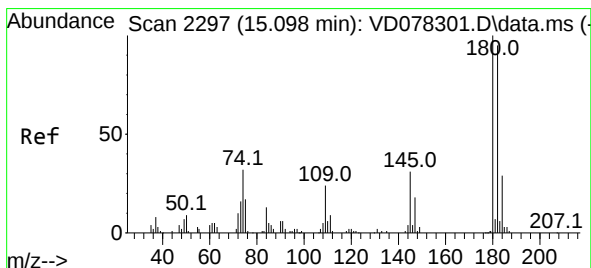
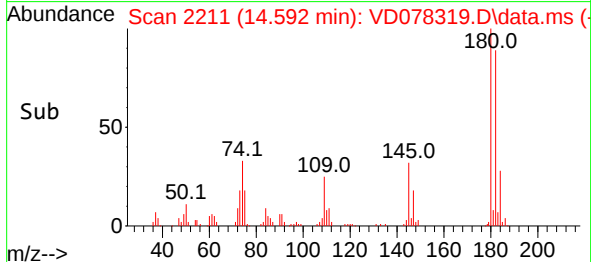
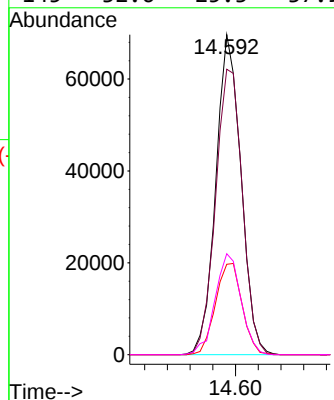
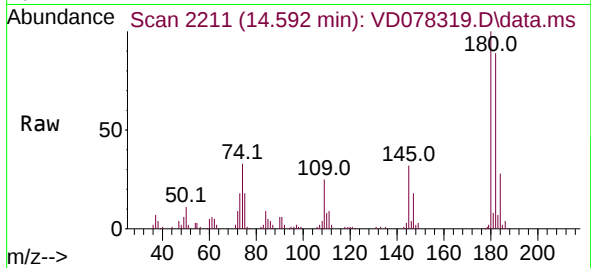




#69
 1,3,5-Trichlorobenzene
 Concen: 26.445 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

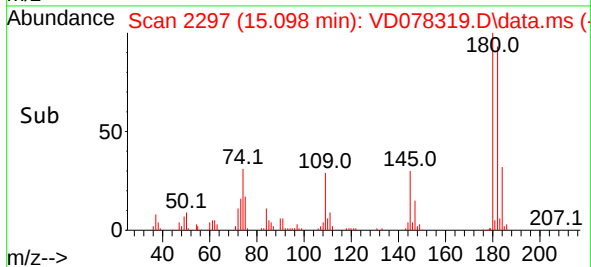
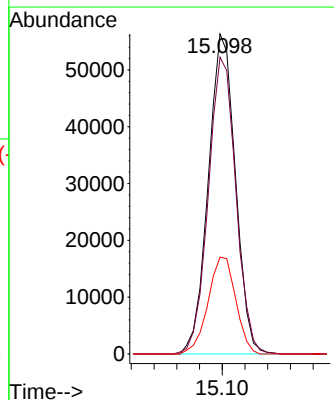
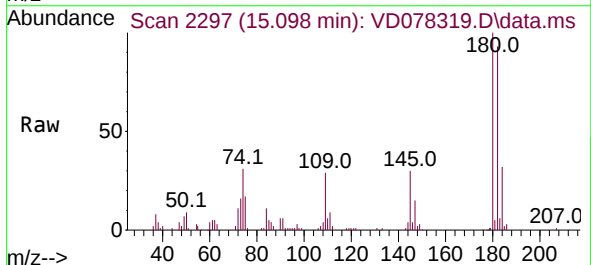
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025236

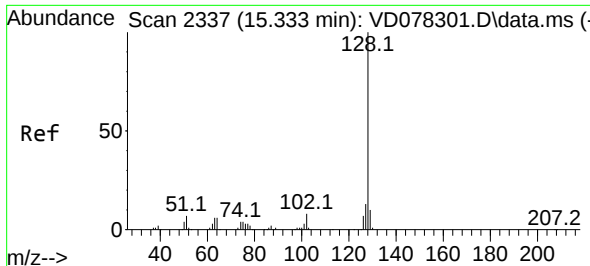
Tgt Ion:	180	Resp:	107066
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.6	113.4
184	30.1	23.2	34.8
145	32.6	25.3	37.9



#70
 1,2,4-trichlorobenzene
 Concen: 26.661 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078319.D
 Acq: 02 Feb 2024 10:36

Tgt Ion:	180	Resp:	93296
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.4
145	30.9	25.0	37.6

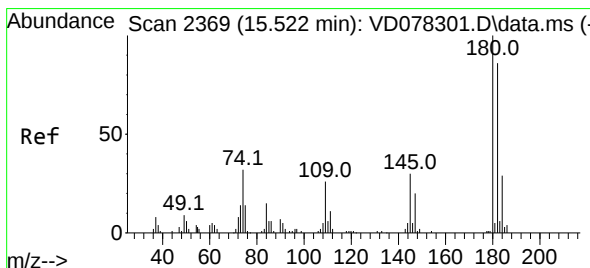
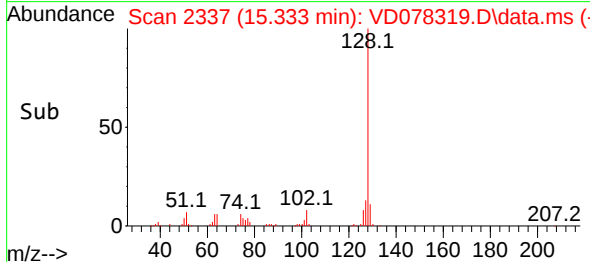
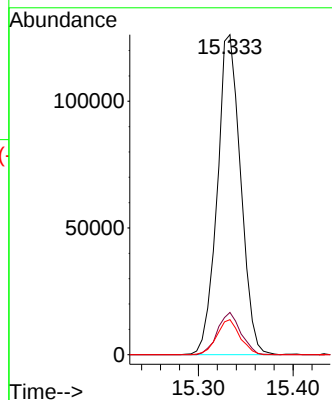
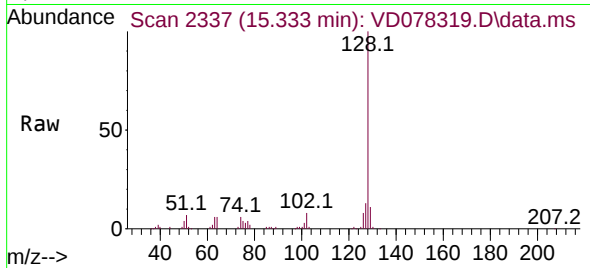




#71
Naphthalene
Concen: 26.501 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTD025236

Tgt Ion:128 Resp: 217112
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.466 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078319.D
Acq: 02 Feb 2024 10:36

Tgt Ion:180 Resp: 86458
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.0
145 33.9 26.8 40.2

