

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078315.D
 Acq On : 01 Feb 2024 19:54
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:42:02 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	261874	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	262971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	119391	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	166024	22.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.400%
7) Chloroethane-d5	2.799	69	134957	21.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	3.911	65	32338	20.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.640%
21) 2-Butanone-d5	6.987	46	44289	40.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.980%
24) Chloroform-d	7.563	84	163156	21.852	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	8.228	65	89291	22.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.640%
32) Benzene-d6	8.199	84	332664	21.635	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.520%
36) 1,2-Dichloropropane-d6	9.204	67	98575	20.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.280%
41) Toluene-d8	10.269	98	300205	21.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.522	79	47243	22.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.400%
47) 2-Hexanone-d5	10.875	63	44356	46.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92271	20.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	96147	22.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	134172	25.985	ug/L	99
3) Chloromethane	2.146	50	198449	26.426	ug/L	98
5) Vinyl chloride	2.281	62	239040	25.746	ug/L	100
6) Bromomethane	2.687	94	102606	24.375	ug/L	97
8) Chloroethane	2.834	64	148872	25.184	ug/L	98
9) Trichlorofluoromethane	3.169	101	169242	25.641	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	100643	24.504	ug/L	98
12) 1,1-Dichloroethene	3.940	96	95452	25.111	ug/L	91
13) Acetone	4.022	43	62514	43.525	ug/L	78
14) Carbon disulfide	4.269	76	338772	24.180	ug/L	99
15) Methyl Acetate	4.569	43	51017	23.706	ug/L #	75
16) Methylene chloride	4.805	84	124361	24.215	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	107180	25.588	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	262526	26.948	ug/L	99
19) 1,1-Dichloroethane	6.105	63	186088	25.389	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	120861	26.328	ug/L	98
22) 2-Butanone	7.087	43	77105	44.337	ug/L	98
23) Bromochloromethane	7.428	128	57140	28.179	ug/L	90
25) Chloroform	7.593	83	205346	25.674	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

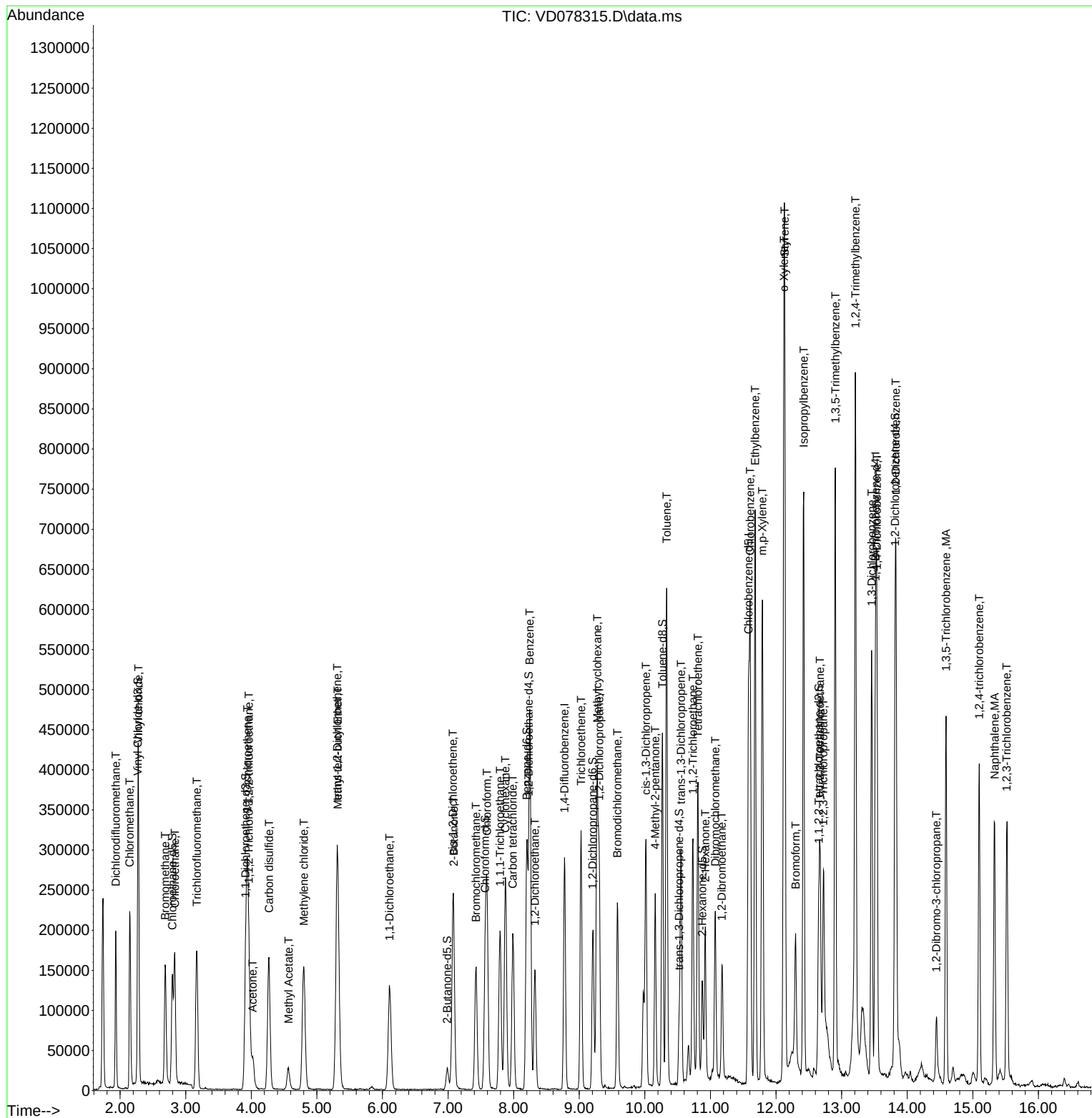
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	129540	25.219	ug/L	99
29) Cyclohexane	7.875	56	145262	24.436	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	162061	25.141	ug/L	99
31) Carbon tetrachloride	7.987	117	139667	24.595	ug/L	99
33) Benzene	8.246	78	445081	25.117	ug/L	100
34) Trichloroethene	9.028	95	113162	25.285	ug/L	94
35) Methylcyclohexane	9.275	83	169295	24.174	ug/L	98
37) 1,2-Dichloropropane	9.304	63	115219	24.676	ug/L	99
38) Bromodichloromethane	9.581	83	153369	25.174	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	189445	26.065	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	149535	51.565	ug/L	99
42) Toluene	10.334	91	475752	25.805	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	156216	24.566	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	96450	25.914	ug/L	97
46) Tetrachloroethene	10.810	164	76373	24.852	ug/L	98
48) 2-Hexanone	10.922	43	113528	47.995	ug/L	98
49) Dibromochloromethane	11.075	129	105648	25.257	ug/L	98
50) 1,2-Dibromoethane	11.175	107	95168	26.213	ug/L #	100
51) Chlorobenzene	11.604	112	311021	26.055	ug/L	96
52) Ethylbenzene	11.681	91	523040	26.410	ug/L	95
53) m,p-Xylene	11.793	106	193292	25.395	ug/L	99
54) o-Xylene	12.122	106	194116	26.447	ug/L	97
55) Styrene	12.134	104	350176	26.448	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	116128	24.352	ug/L #	94
59) Bromoform	12.298	173	65740	27.443	ug/L	99
60) Isopropylbenzene	12.422	105	492145	27.280	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	82206	26.994	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	396356	28.088	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	413362	29.575	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	219723	27.294	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	220016	26.105	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	201631	26.479	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	17360	25.728	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.592	180	132036	26.622	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	117466	27.401	ug/L	99
71) Naphthalene	15.334	128	295230	29.416	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	105301	26.312	ug/L	100

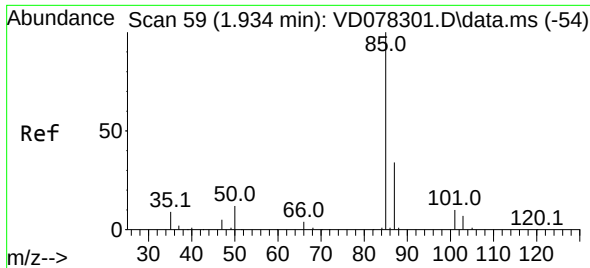
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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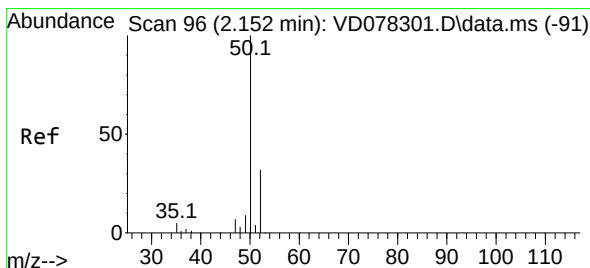
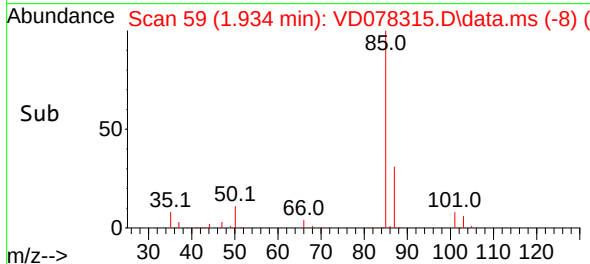
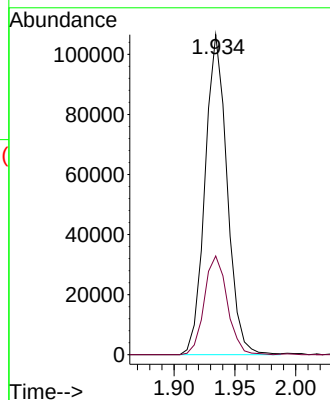
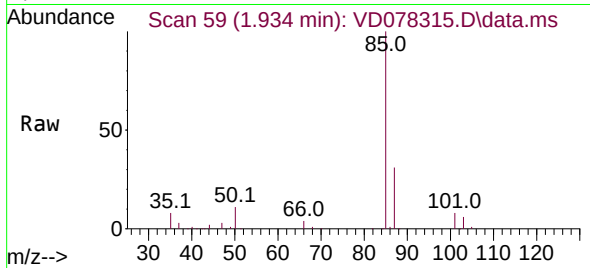




#2
Dichlorodifluoromethane
Concen: 25.985 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

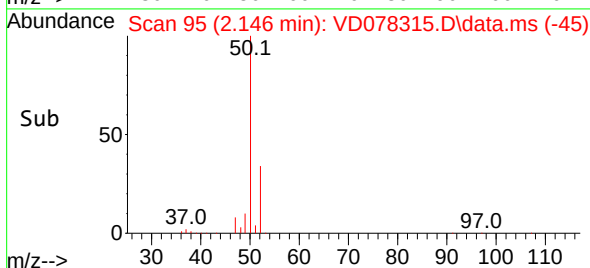
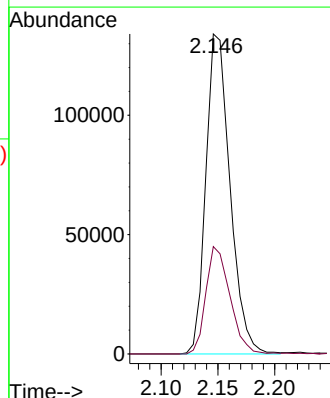
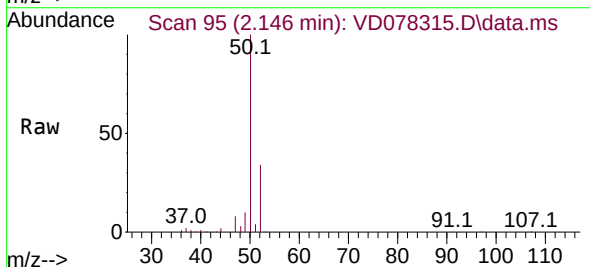
Instrument :
MSVOA_D
ClientSampleId :

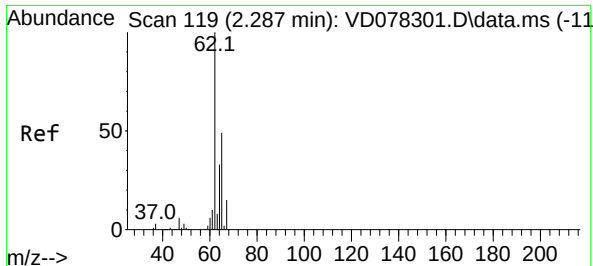
Tgt Ion: 85 Resp: 134172
Ion Ratio Lower Upper
85 100
87 32.0 25.3 37.9



#3
Chloromethane
Concen: 26.426 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion: 50 Resp: 198449
Ion Ratio Lower Upper
50 100
52 33.6 22.7 42.3

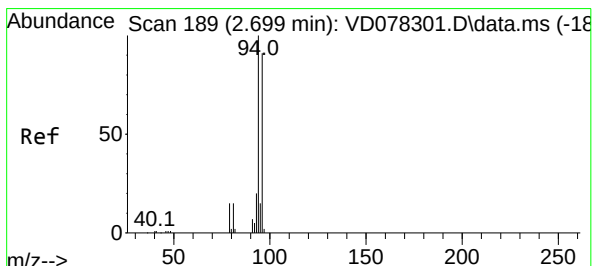
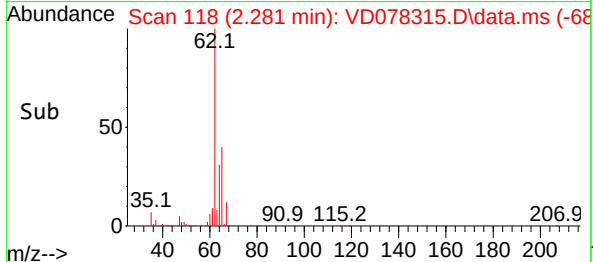
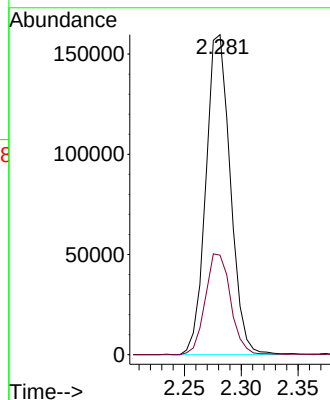
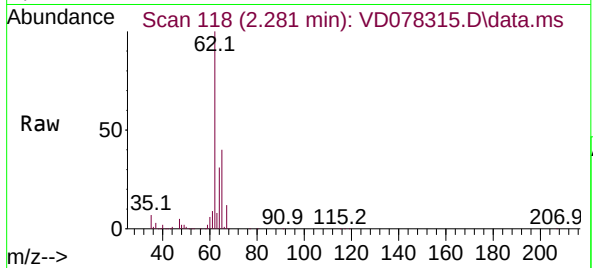




#5
 Vinyl chloride
 Concen: 25.746 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD078315.D
 Acq: 01 Feb 2024 19:54

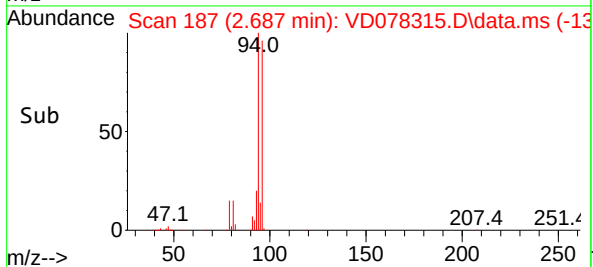
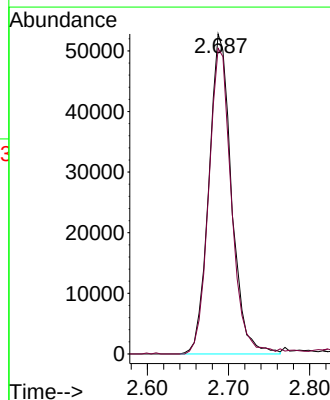
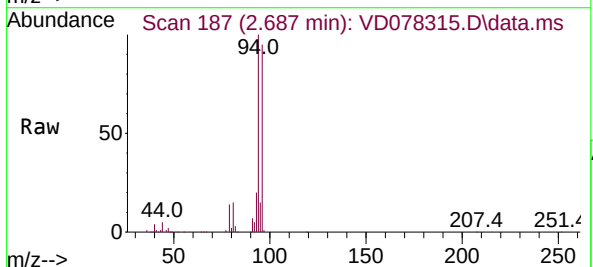
Instrument :
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 ClientSampleId :

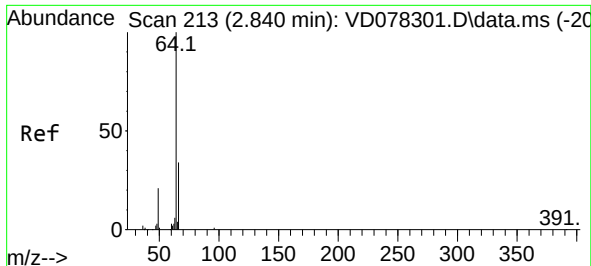
Tgt Ion: 62 Resp: 239040
 Ion Ratio Lower Upper
 62 100
 64 31.1 21.7 40.3



#6
 Bromomethane
 Concen: 24.375 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.012 min
 Lab File: VD078315.D
 Acq: 01 Feb 2024 19:54

Tgt Ion: 94 Resp: 102606
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.8 120.4

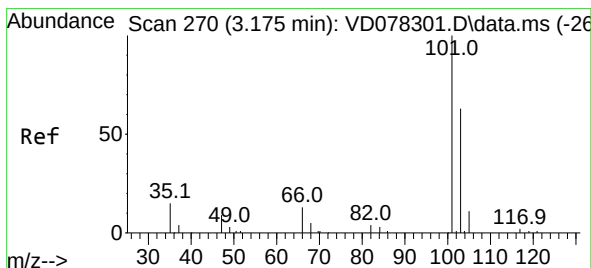
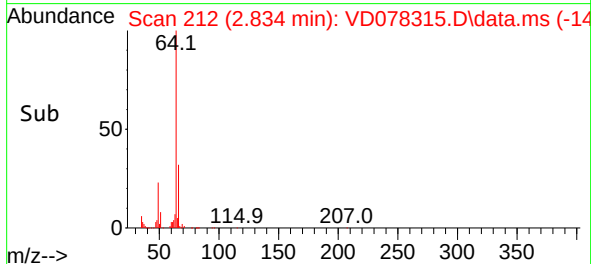
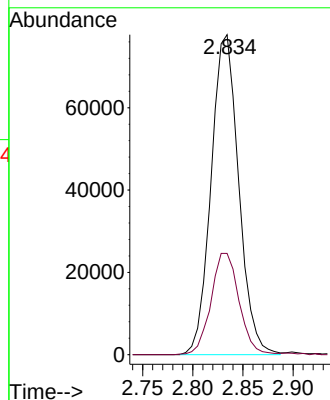
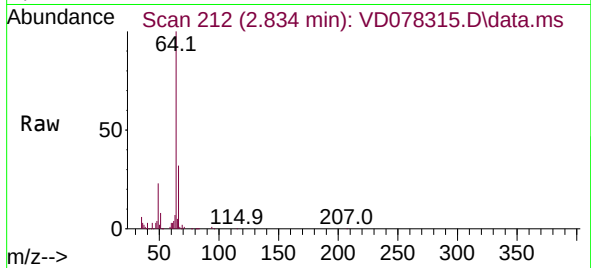




#8
Chloroethane
Concen: 25.184 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

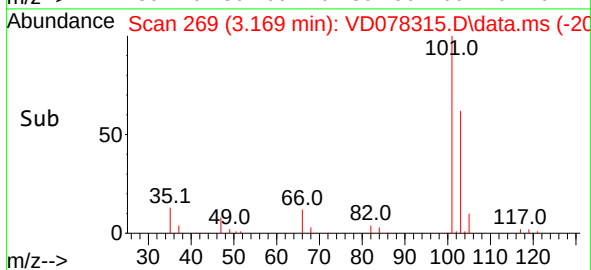
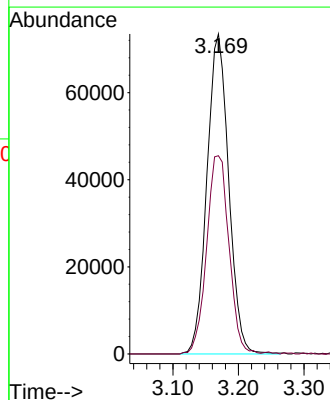
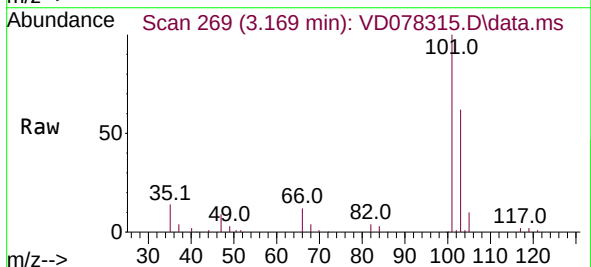
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MSVOA_D
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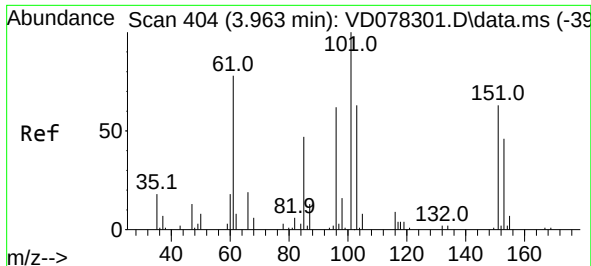
Tgt Ion: 64 Resp: 148872
Ion Ratio Lower Upper
64 100
66 31.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 25.641 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:101 Resp: 169242
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7

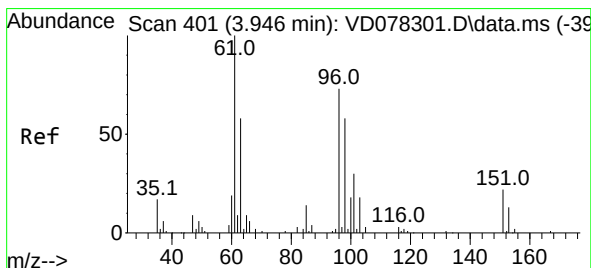
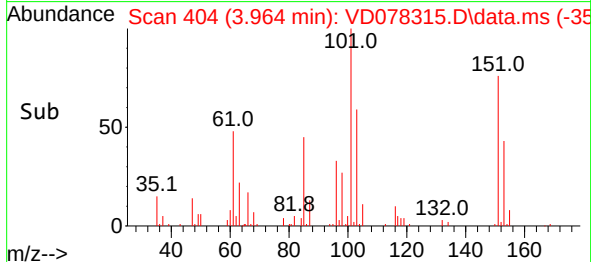
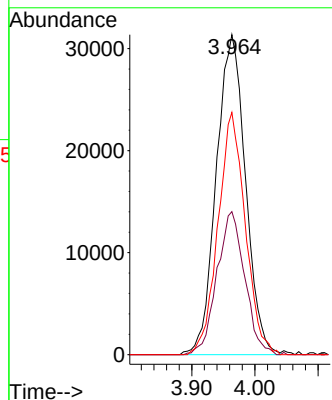
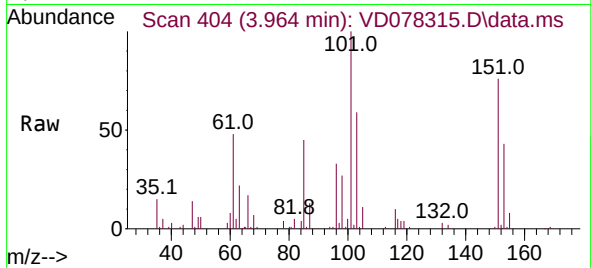




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.504 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD078315.D
 Acq: 01 Feb 2024 19:54

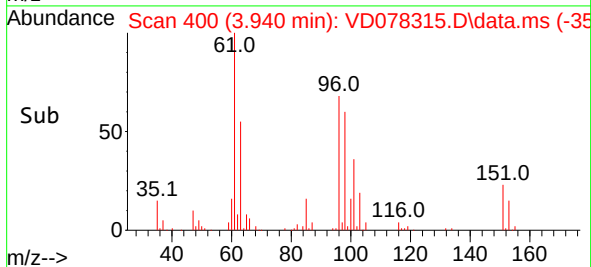
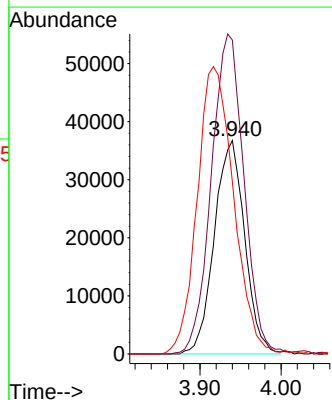
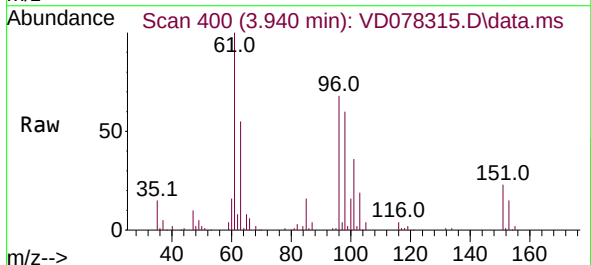
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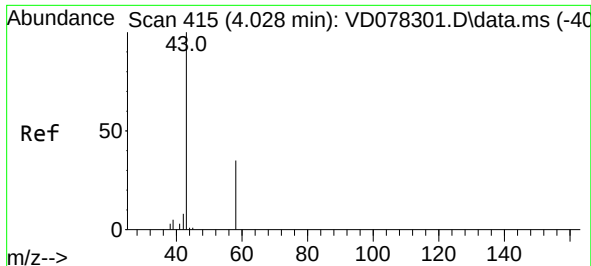
Tgt Ion:101 Resp: 100643
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.6 51.8
 151 70.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 25.111 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD078315.D
 Acq: 01 Feb 2024 19:54

Tgt Ion: 96 Resp: 95452
 Ion Ratio Lower Upper
 96 100
 61 147.1 108.8 202.2
 63 80.7 65.2 121.0





#13

Acetone

Concen: 43.525 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

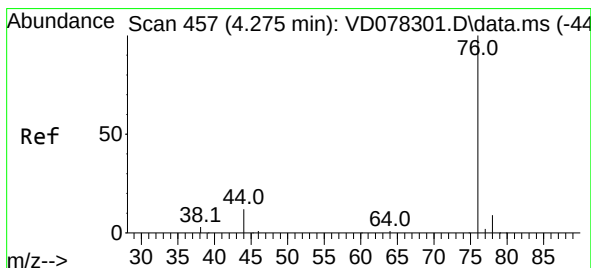
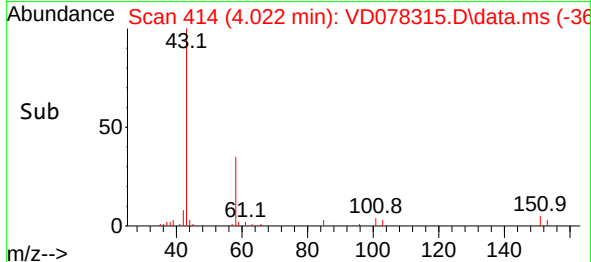
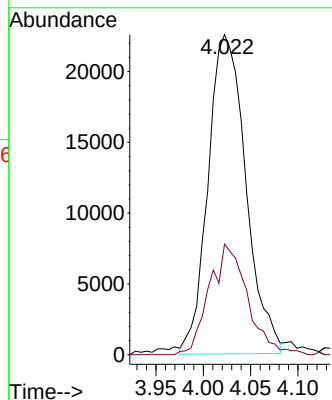
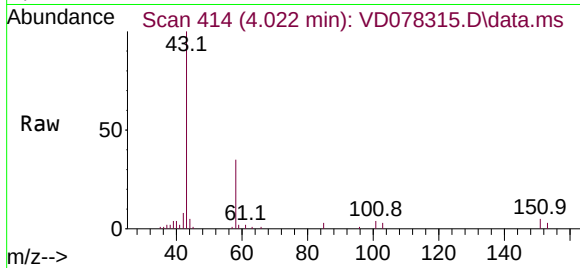
ClientSampleId :

Tgt Ion: 43 Resp: 62514

Ion Ratio Lower Upper

43 100

58 21.1 0.0 67.2



#14

Carbon disulfide

Concen: 24.180 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078315.D

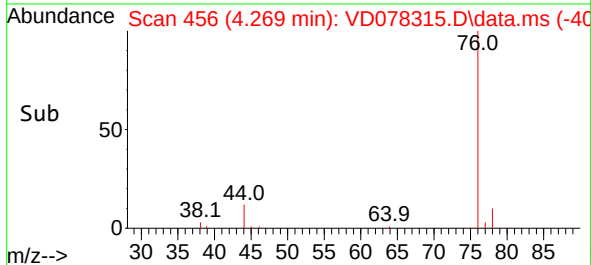
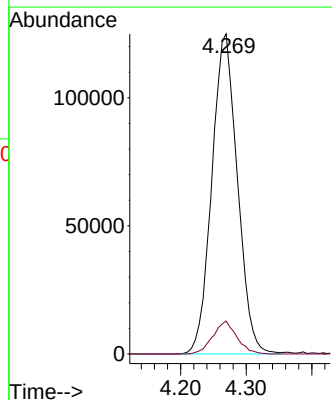
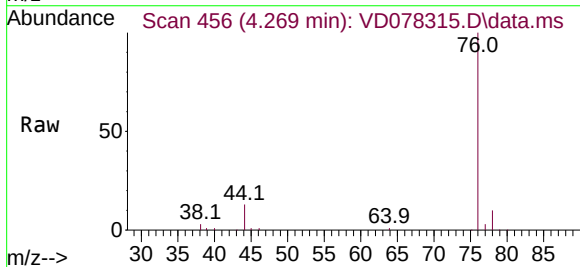
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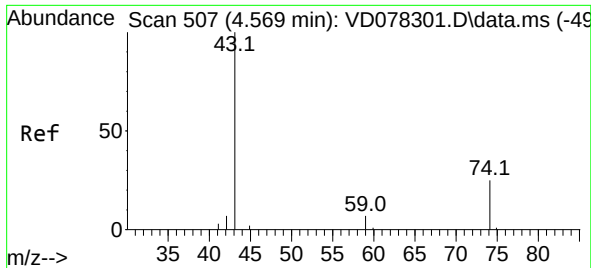
Tgt Ion: 76 Resp: 338772

Ion Ratio Lower Upper

76 100

78 10.3 7.8 11.8

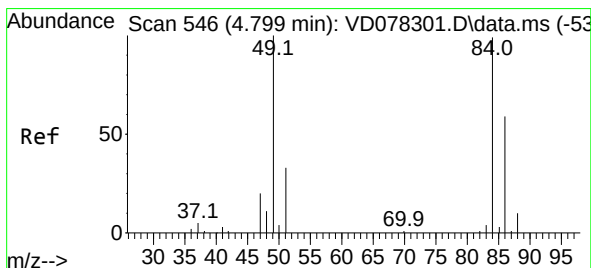
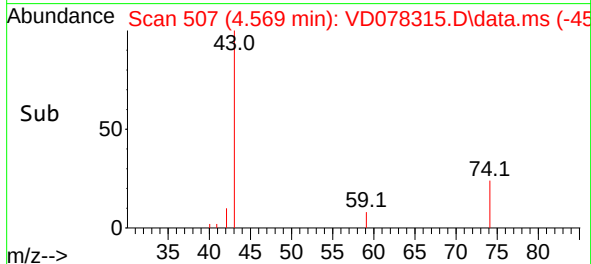
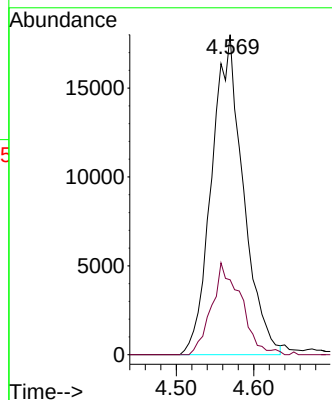
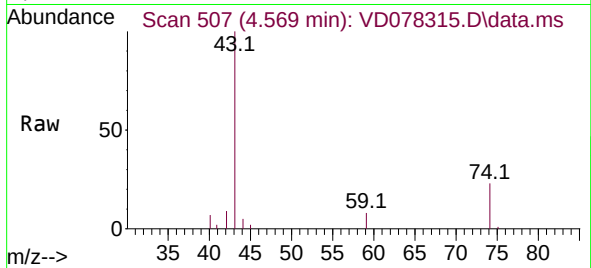




#15
Methyl Acetate
Concen: 23.706 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

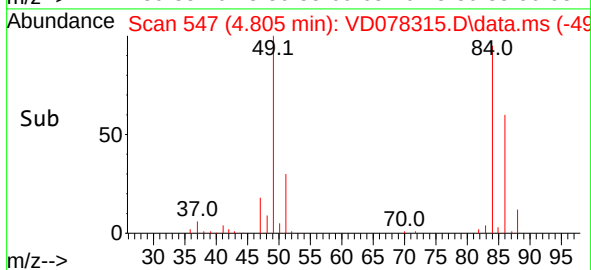
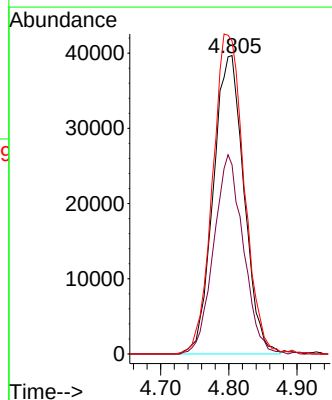
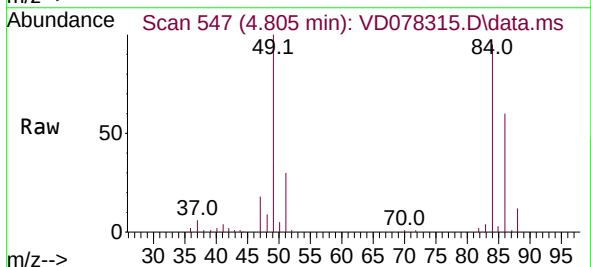
Instrument :
MSVOA_D
ClientSampleId :

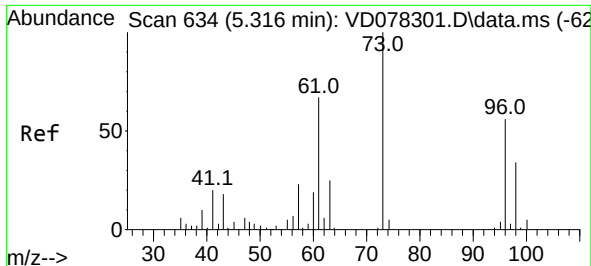
Tgt Ion: 43 Resp: 51017
Ion Ratio Lower Upper
43 100
74 26.4 12.7 19.1#



#16
Methylene chloride
Concen: 24.215 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion: 84 Resp: 124361
Ion Ratio Lower Upper
84 100
86 63.4 45.4 84.2
49 104.9 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 25.588 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

ClientSampleId :

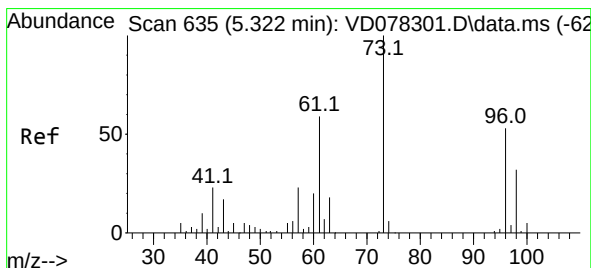
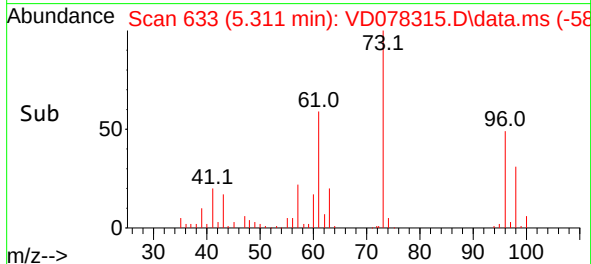
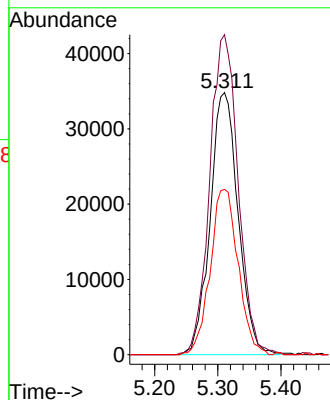
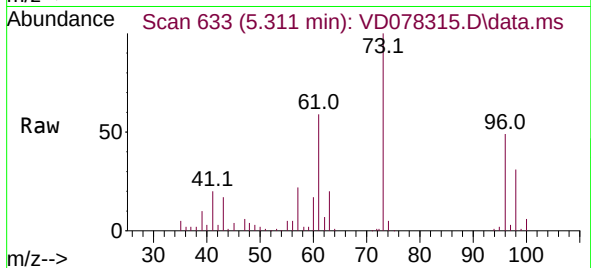
Tgt Ion: 96 Resp: 107180

Ion Ratio Lower Upper

96 100

61 122.1 82.7 153.7

98 63.1 40.7 75.7



#18

Methyl tert-butyl Ether

Concen: 26.948 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

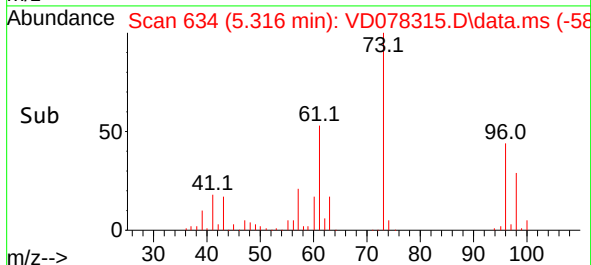
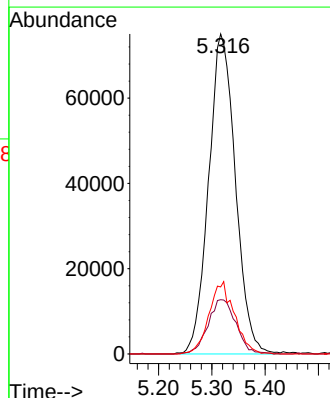
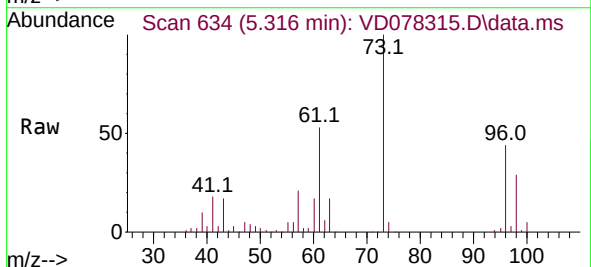
Tgt Ion: 73 Resp: 262526

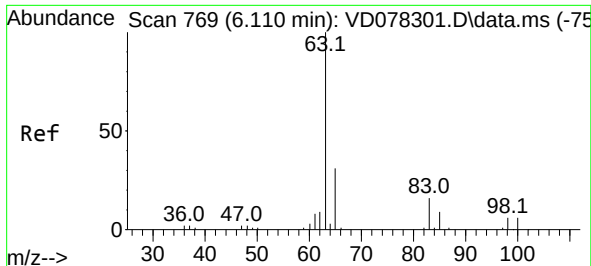
Ion Ratio Lower Upper

73 100

43 17.7 13.3 19.9

57 21.3 17.2 25.8

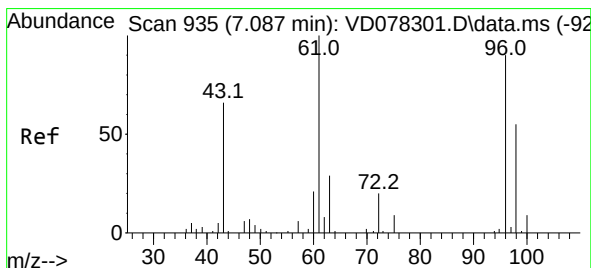
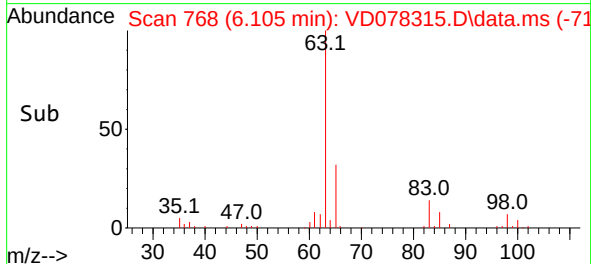
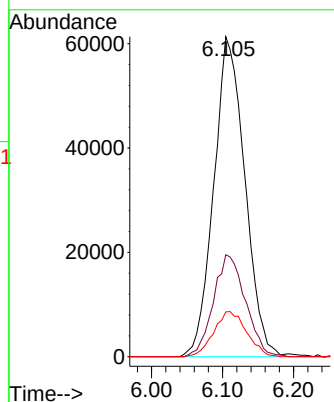
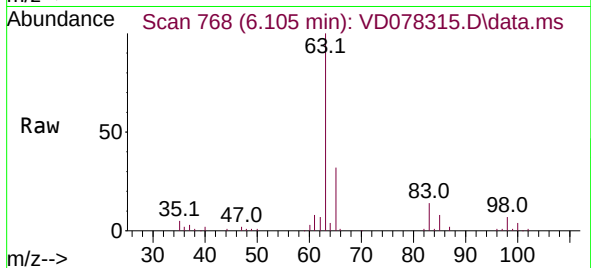




#19
1,1-Dichloroethane
Concen: 25.389 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

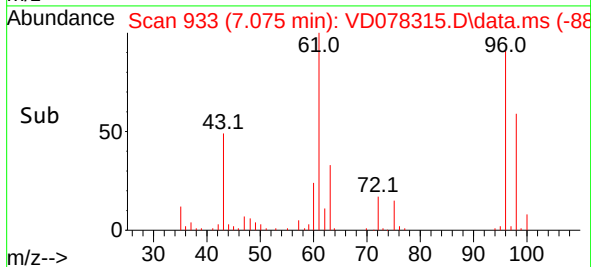
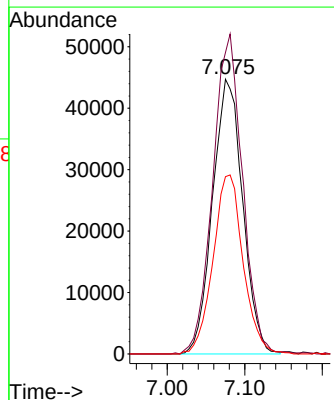
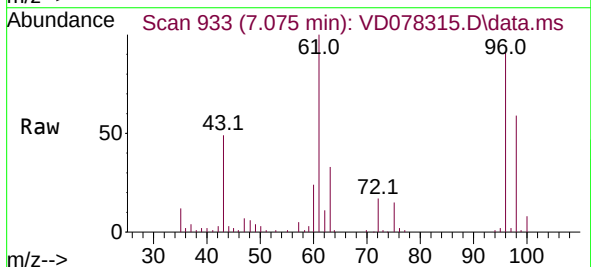
Instrument :
MSVOA_D
ClientSampleId :

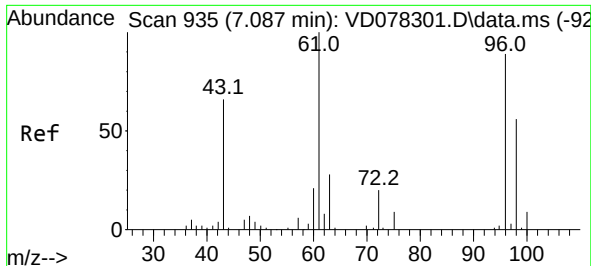
Tgt Ion: 63 Resp: 186088
Ion Ratio Lower Upper
63 100
65 31.8 21.8 40.4
83 14.0 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 26.328 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion: 96 Resp: 120861
Ion Ratio Lower Upper
96 100
61 109.7 75.6 140.4
98 64.5 43.1 80.1

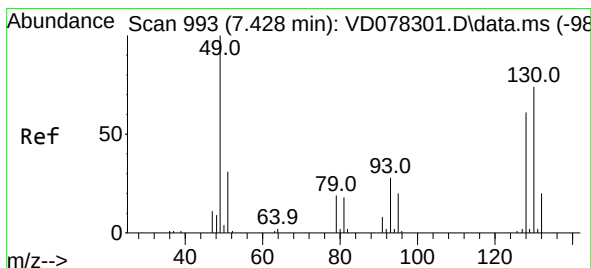
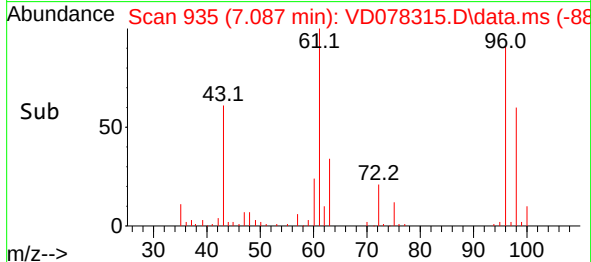
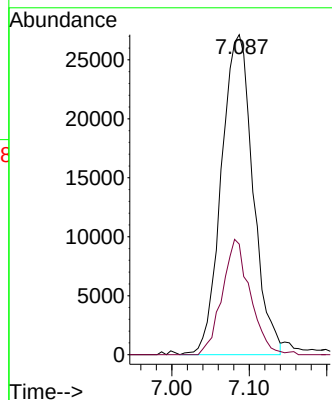
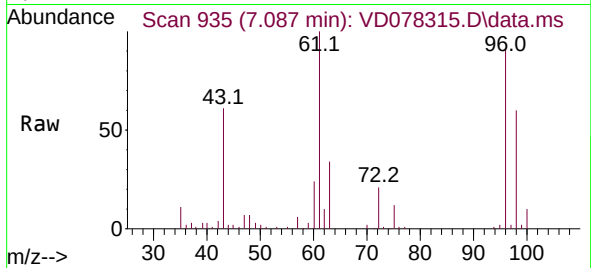




#22
2-Butanone
Concen: 44.337 ug/L
RT: 7.087 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

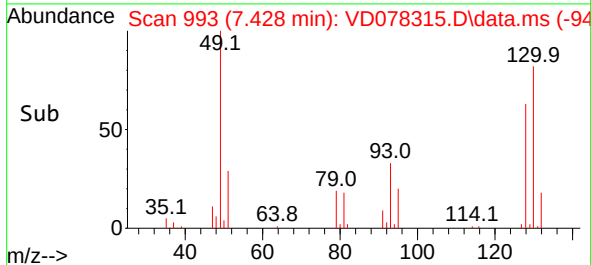
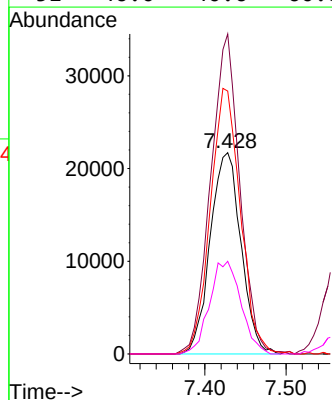
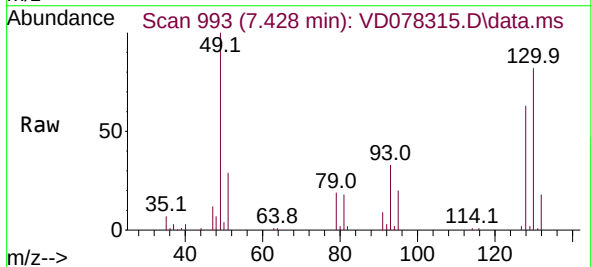
Instrument :
MSVOA_D
ClientSampleId :

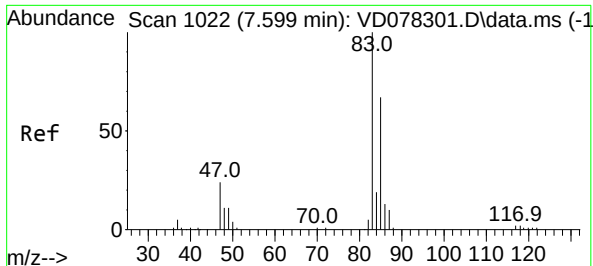
Tgt Ion: 43 Resp: 77105
Ion Ratio Lower Upper
43 100
72 31.9 15.4 46.2



#23
Bromochloromethane
Concen: 28.179 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:128 Resp: 57140
Ion Ratio Lower Upper
128 100
49 159.0 102.7 190.7
130 130.6 82.6 153.4
51 46.0 40.6 60.8





#25

Chloroform

Concen: 25.674 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

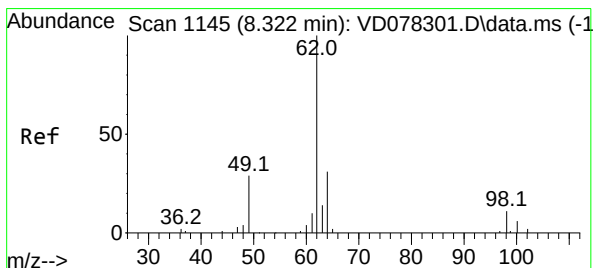
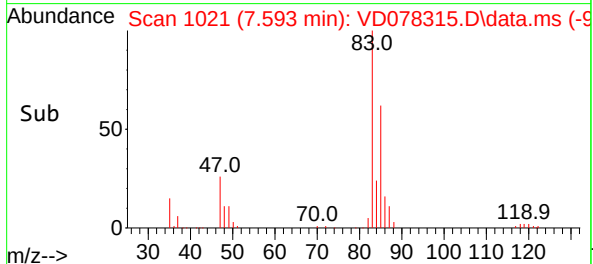
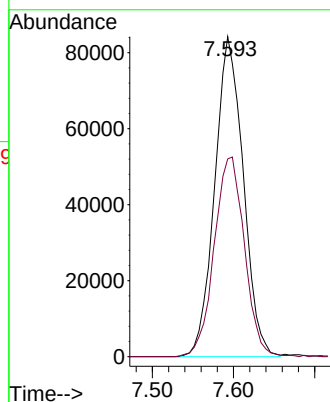
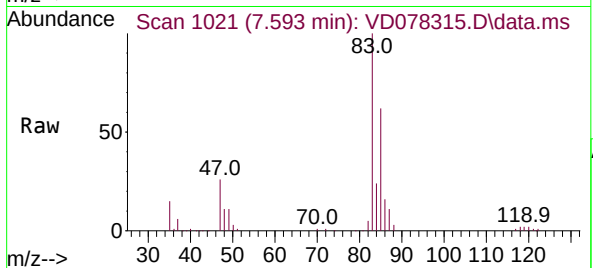
ClientSampleId :

Tgt Ion: 83 Resp: 205346

Ion Ratio Lower Upper

83 100

85 61.8 44.9 83.3



#27

1,2-Dichloroethane

Concen: 25.219 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD078315.D

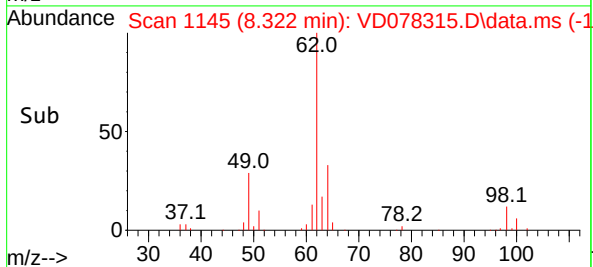
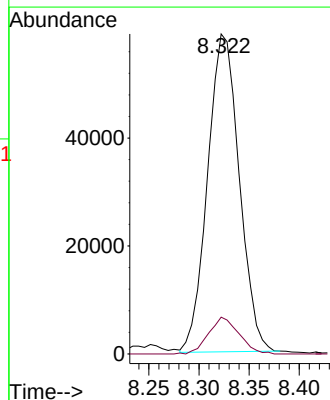
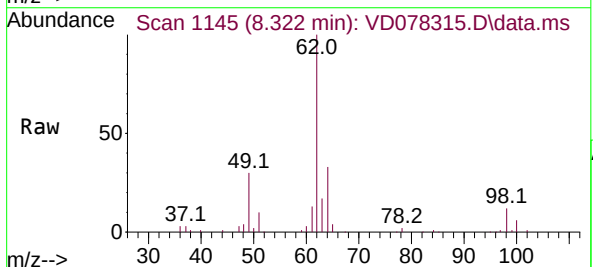
Acq: 01 Feb 2024 19:54

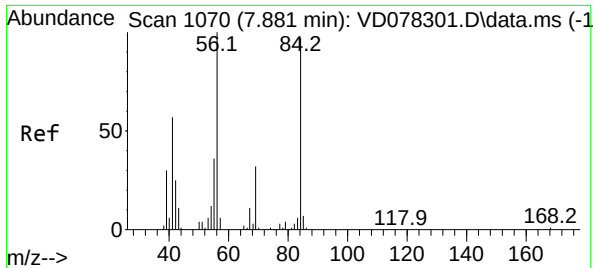
Tgt Ion: 62 Resp: 129540

Ion Ratio Lower Upper

62 100

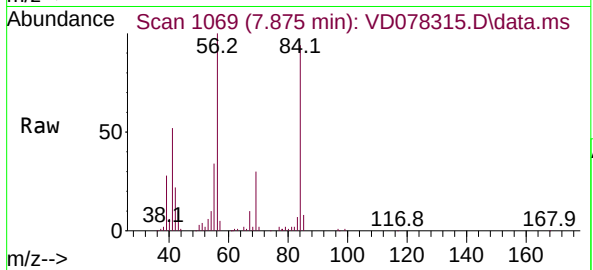
98 11.5 9.5 14.3



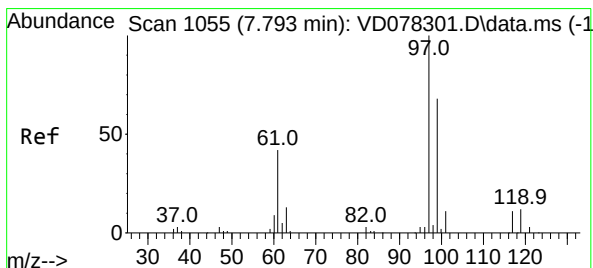
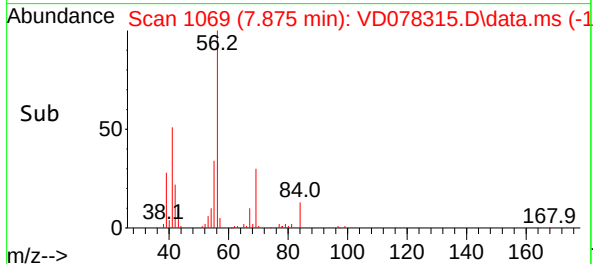
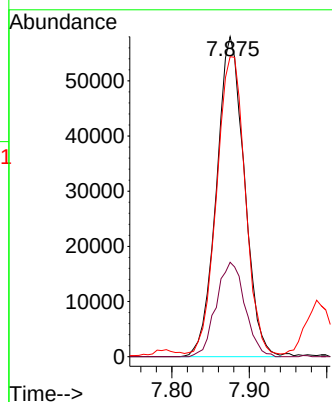


#29
Cyclohexane
Concen: 24.436 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Instrument :
MSVOA_D
ClientSampleId :

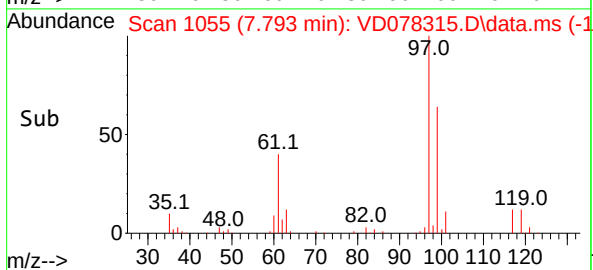
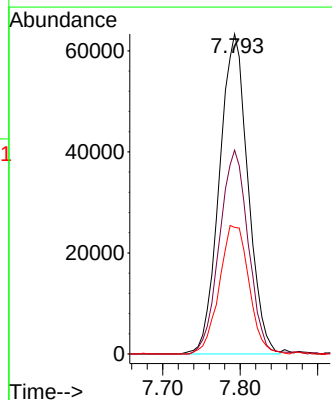
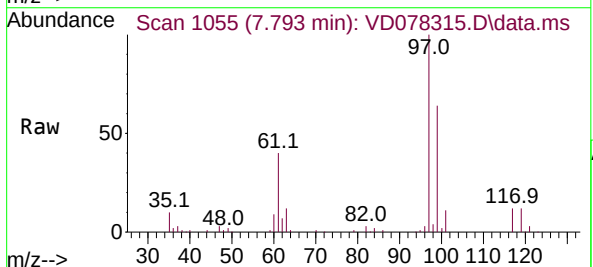


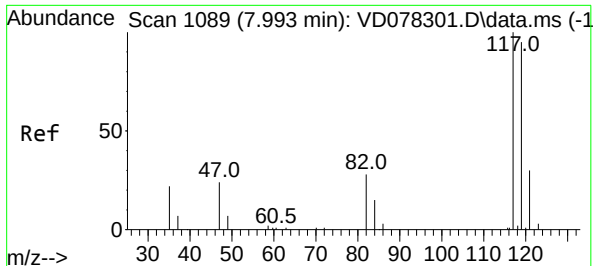
Tgt Ion: 56 Resp: 145262
Ion Ratio Lower Upper
56 100
69 30.4 23.3 34.9
84 96.4 74.7 112.1



#30
1,1,1-Trichloroethane
Concen: 25.141 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion: 97 Resp: 162061
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 41.8 34.4 51.6

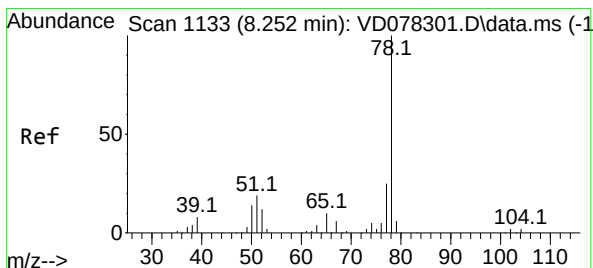
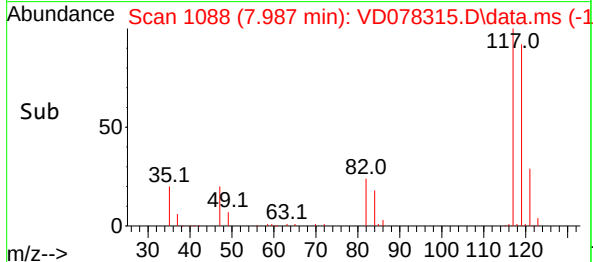
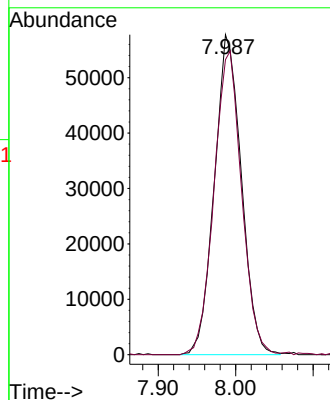
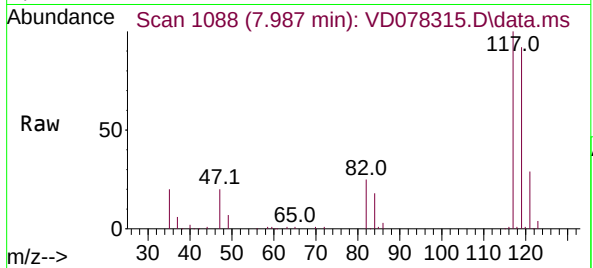




#31
Carbon tetrachloride
Concen: 24.595 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

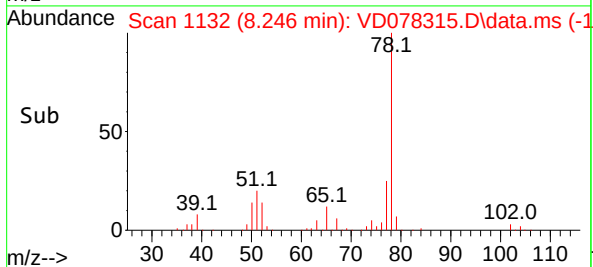
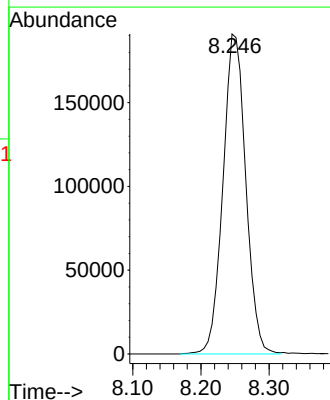
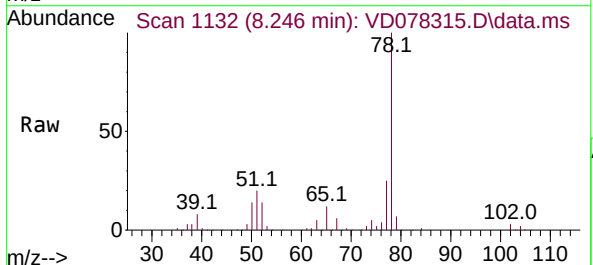
Instrument :
MSVOA_D
ClientSampleId :

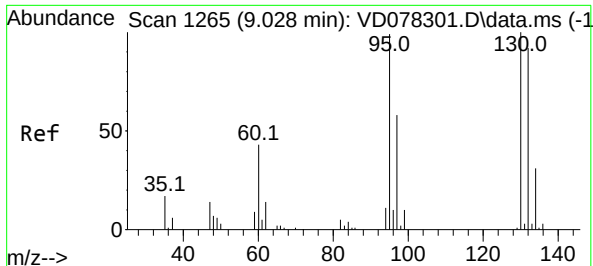
Tgt Ion:117 Resp: 139667
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.4



#33
Benzene
Concen: 25.117 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion: 78 Resp: 445081





#34

Trichloroethene

Concen: 25.285 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 113162

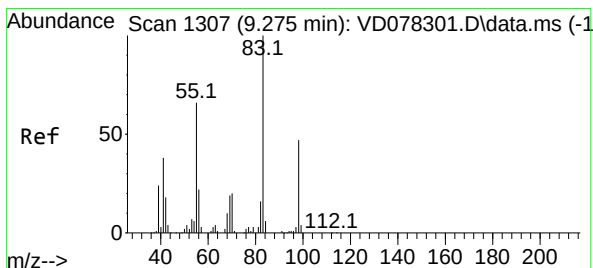
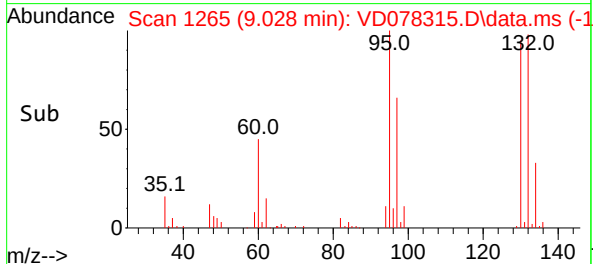
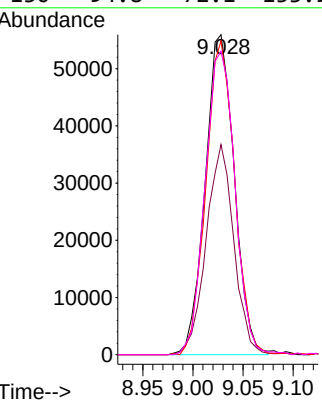
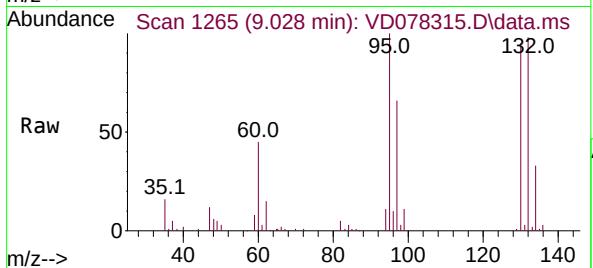
Ion Ratio Lower Upper

95 100

97 65.6 46.9 87.1

132 98.0 73.7 136.9

130 94.8 72.1 133.9



#35

Methylcyclohexane

Concen: 24.174 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

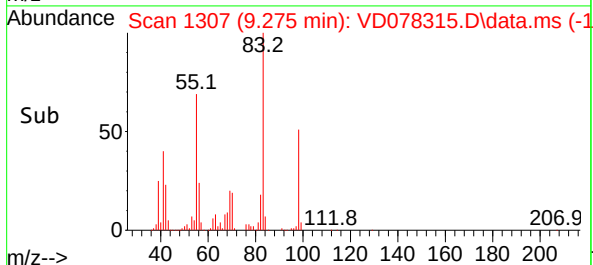
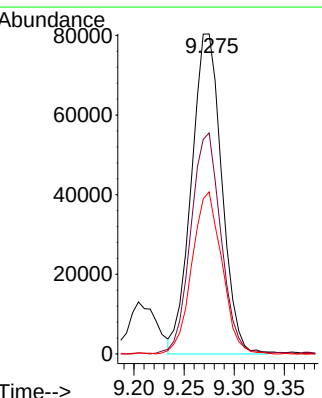
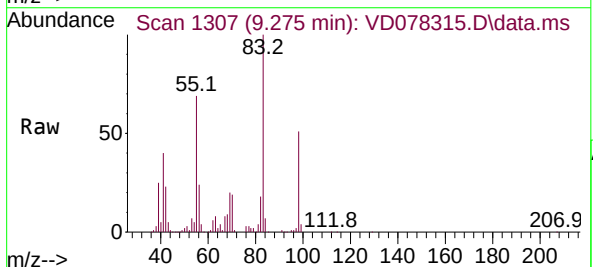
Tgt Ion: 83 Resp: 169295

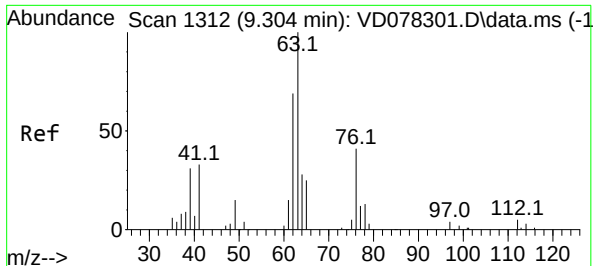
Ion Ratio Lower Upper

83 100

55 68.7 56.2 84.4

98 50.0 41.2 61.8





#37

1,2-Dichloropropane

Concen: 24.676 ug/L

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

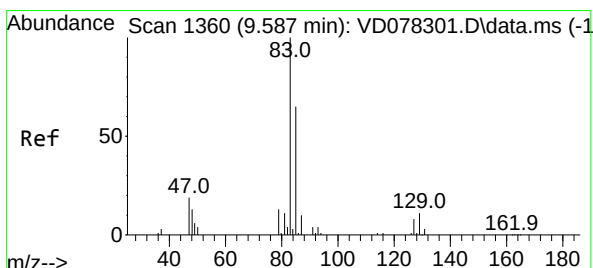
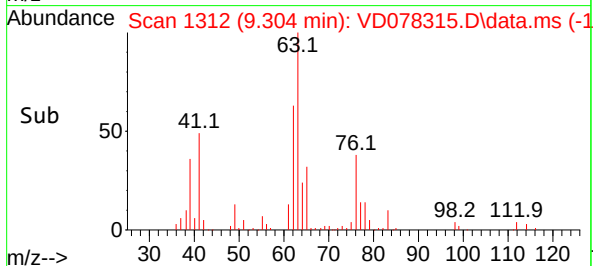
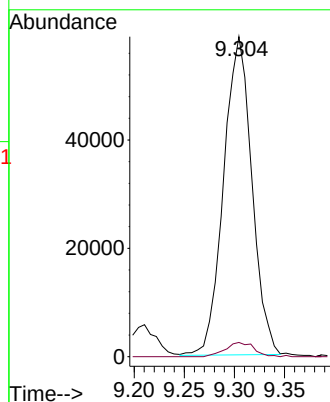
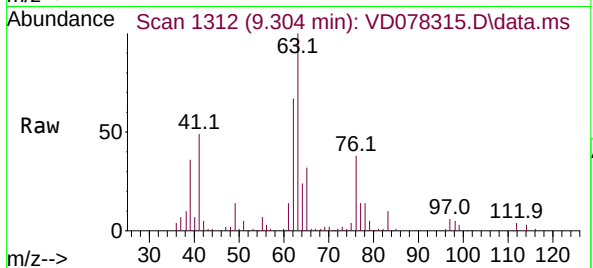
ClientSampleId :

Tgt Ion: 63 Resp: 115219

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 25.174 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

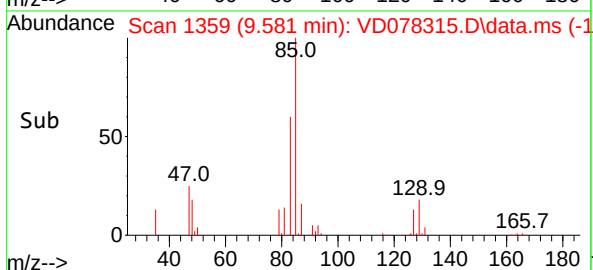
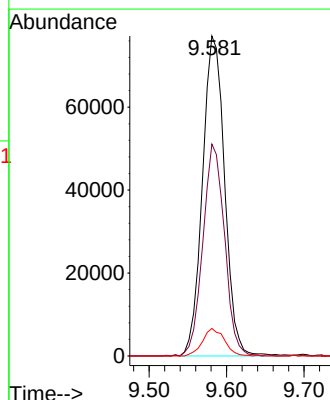
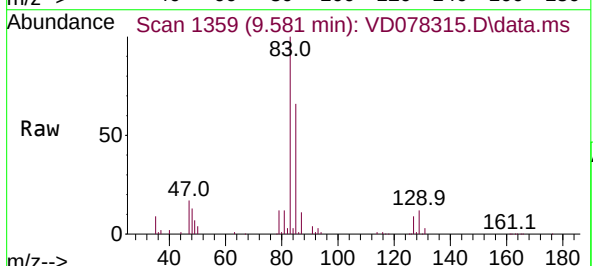
Tgt Ion: 83 Resp: 153369

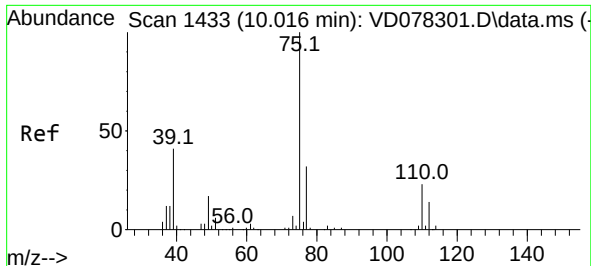
Ion Ratio Lower Upper

83 100

85 66.2 46.6 86.6

127 8.6 8.1 12.1





#39

cis-1,3-Dichloropropene

Concen: 26.065 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

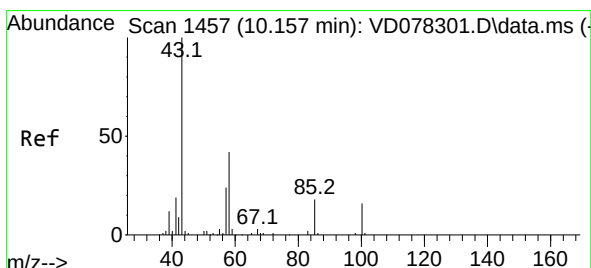
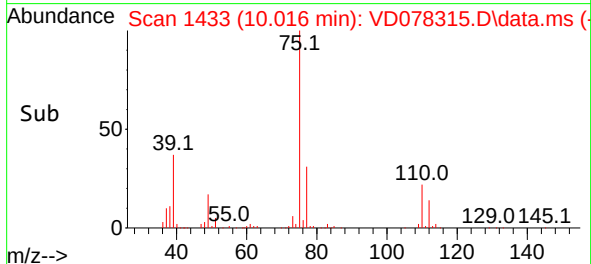
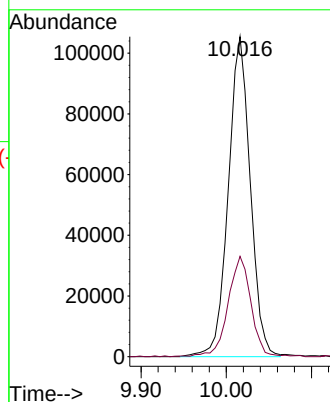
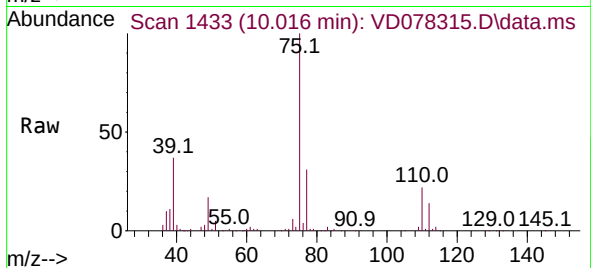
ClientSampleId :

Tgt Ion: 75 Resp: 189445

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 51.565 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

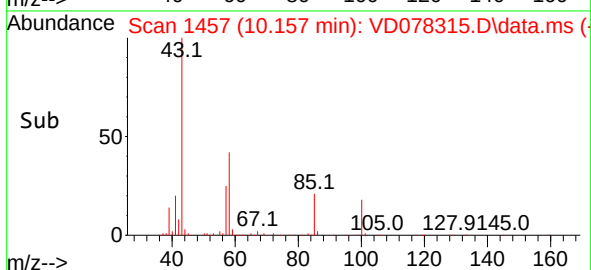
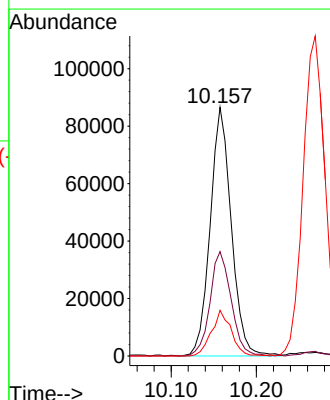
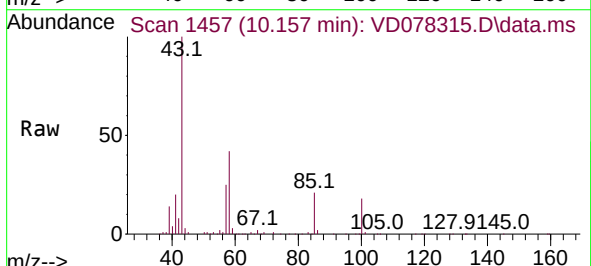
Tgt Ion: 43 Resp: 149535

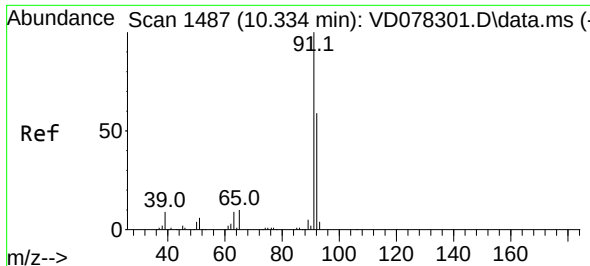
Ion Ratio Lower Upper

43 100

58 41.9 34.0 51.0

100 17.2 13.2 19.8

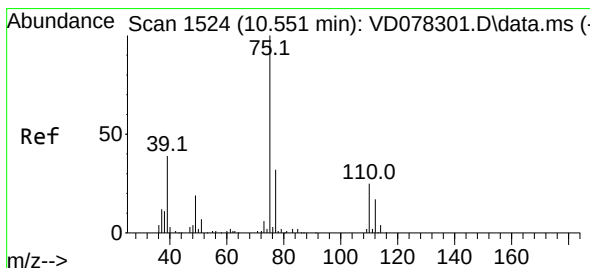
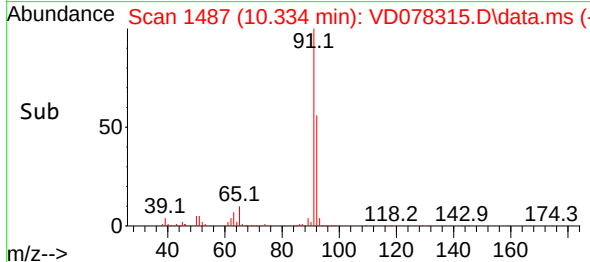
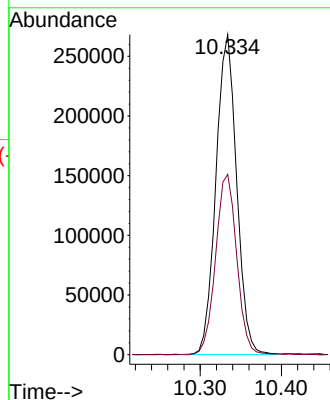
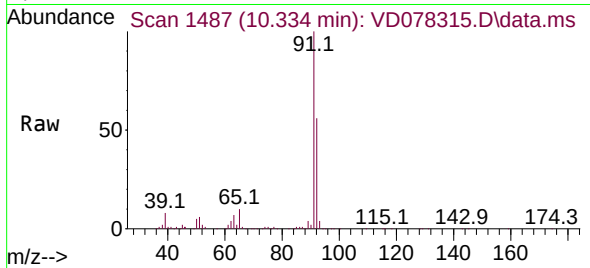




#42
Toluene
Concen: 25.805 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

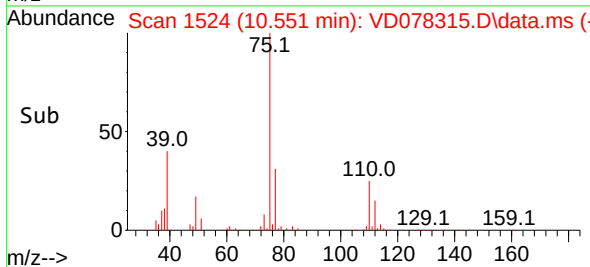
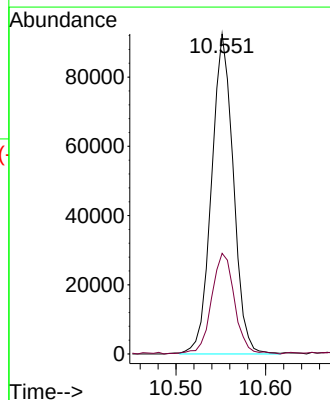
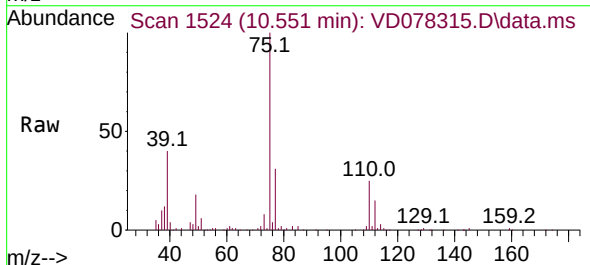
Instrument :
MSVOA_D
ClientSampleId :

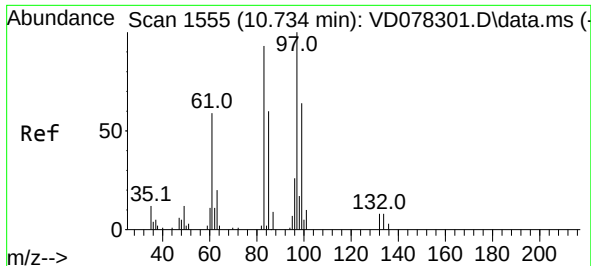
Tgt Ion: 91 Resp: 475752
Ion Ratio Lower Upper
91 100
92 56.3 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 24.566 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion: 75 Resp: 156216
Ion Ratio Lower Upper
75 100
77 31.5 20.7 38.5

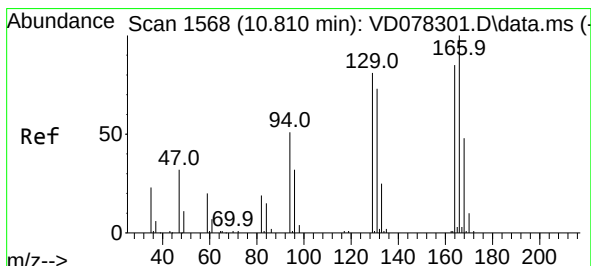
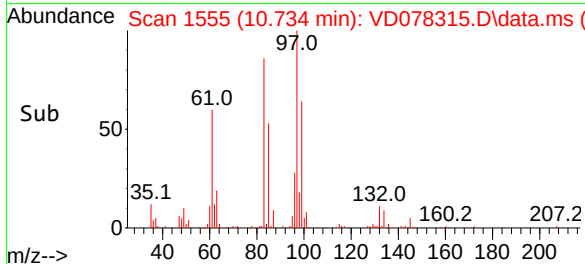
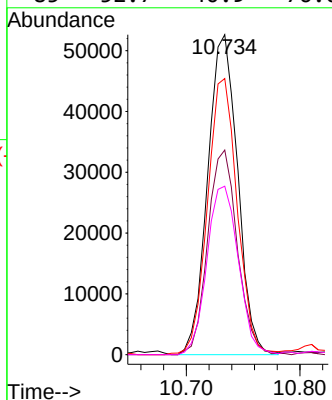
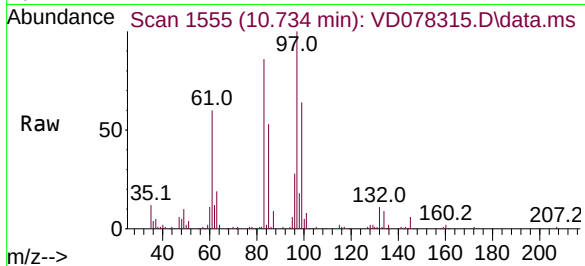




#45
1,1,2-Trichloroethane
Concen: 25.914 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

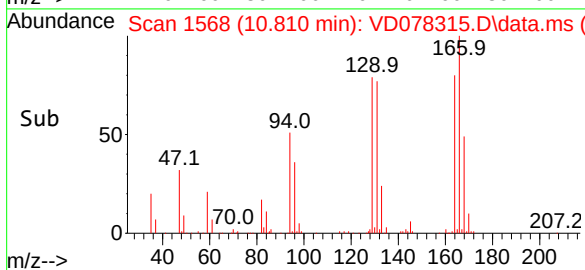
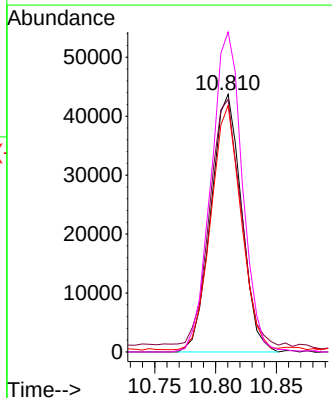
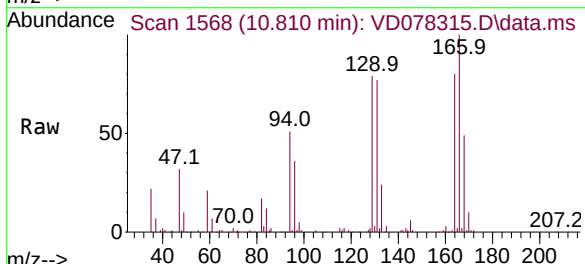
Instrument :
MSVOA_D
ClientSampleId :

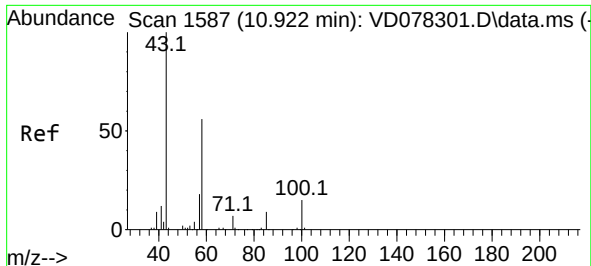
Tgt Ion: 97	Resp: 96450
Ion Ratio	Lower Upper
97 100	
99 64.0	45.4 84.4
83 86.3	59.5 110.5
85 52.7	40.9 76.0



#46
Tetrachloroethene
Concen: 24.852 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

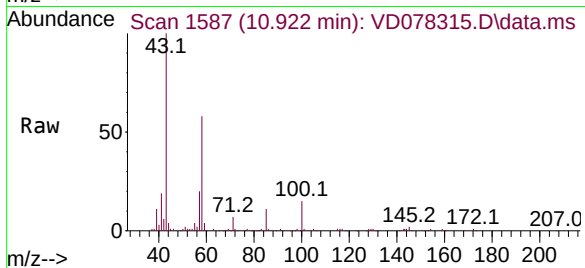
Tgt	Ion:164	Resp:	76373
Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.7	123.9
131	95.7	65.2	121.0
166	124.2	88.5	164.3



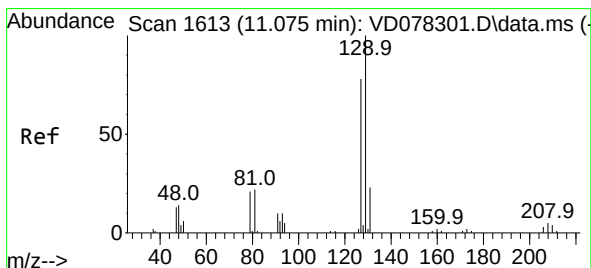
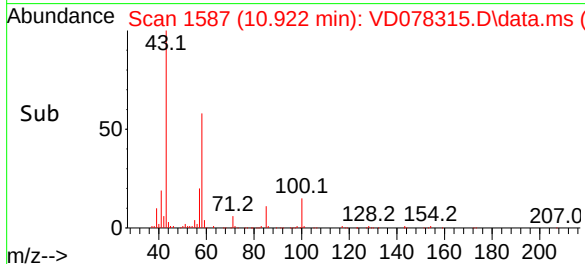
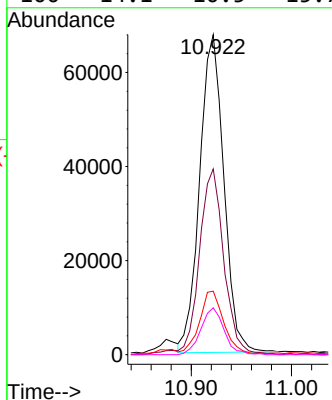


#48
2-Hexanone
Concen: 47.995 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Instrument :
MSVOA_D
ClientSampleId :

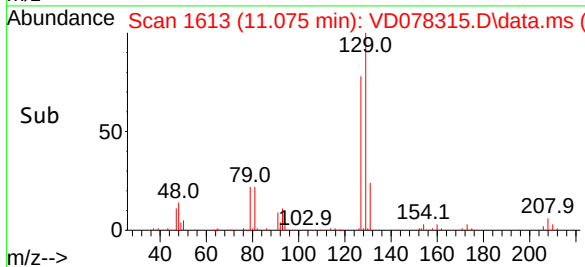
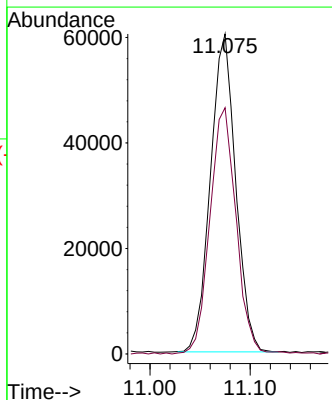
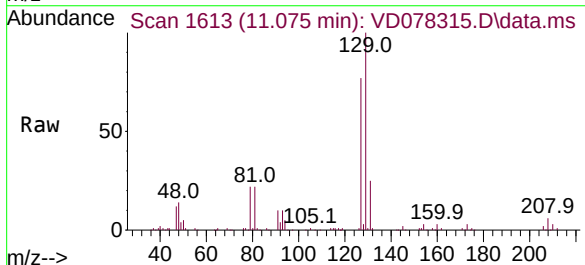


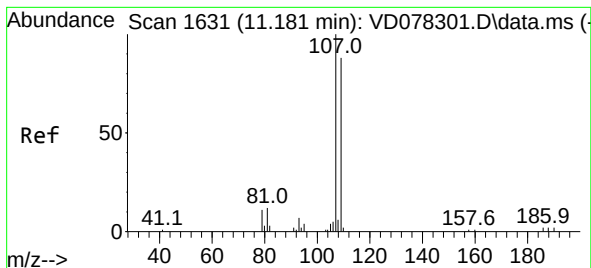
Tgt Ion:	43	Resp:	113528
Ion	Ratio	Lower	Upper
43	100		
58	58.4	48.5	72.7
57	19.5	15.6	23.4
100	14.1	10.5	15.7



#49
Dibromochloromethane
Concen: 25.257 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:	129	Resp:	105648
Ion	Ratio	Lower	Upper
129	100		
127	76.9	52.7	97.9

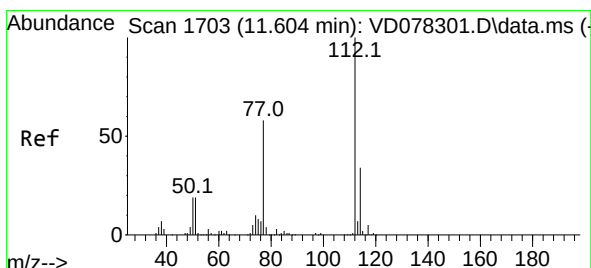
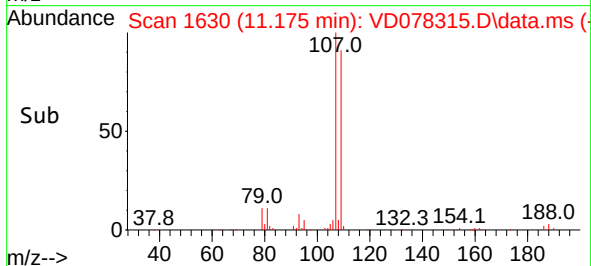
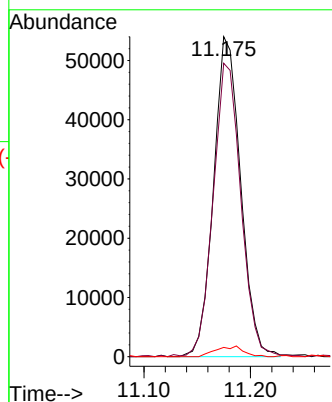
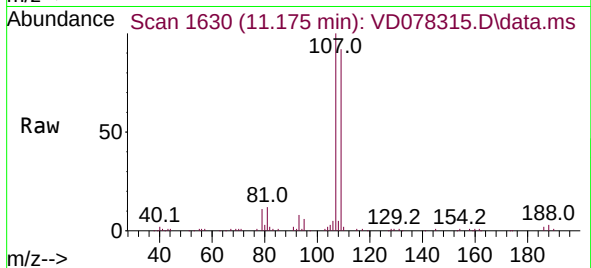




#50
1,2-Dibromoethane
Concen: 26.213 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

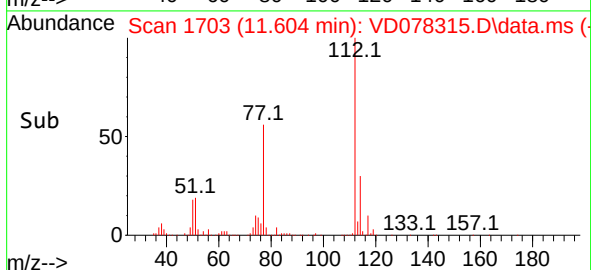
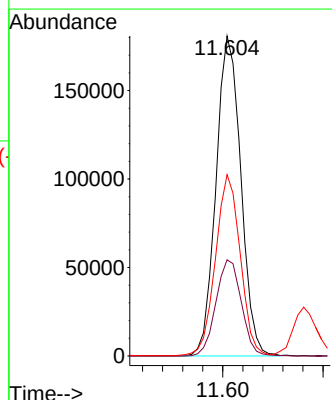
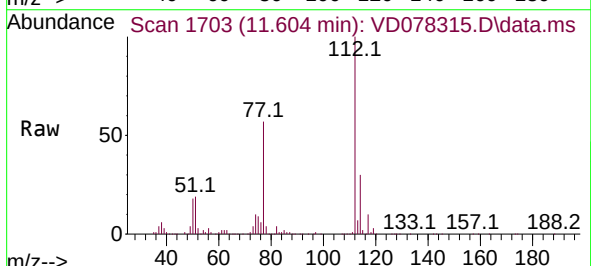
Instrument :
MSVOA_D
ClientSampleId :

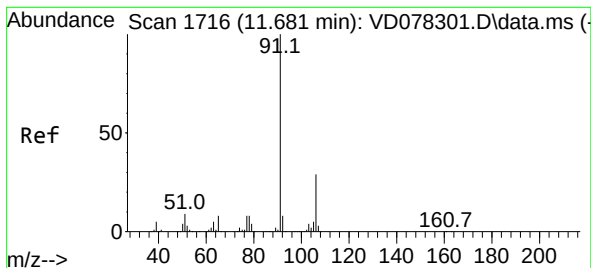
Tgt Ion:107 Resp: 95168
Ion Ratio Lower Upper
107 100
109 91.7 64.0 118.8
188 2.9 3.1 4.7#



#51
Chlorobenzene
Concen: 26.055 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:112 Resp: 311021
Ion Ratio Lower Upper
112 100
114 30.1 22.3 41.3
77 56.6 42.3 63.5

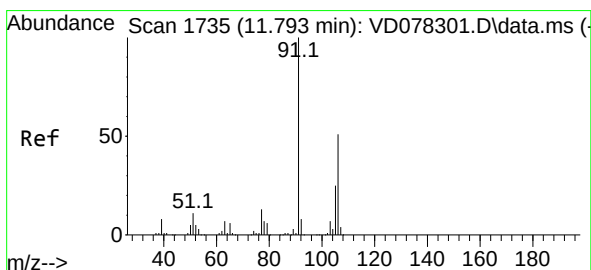
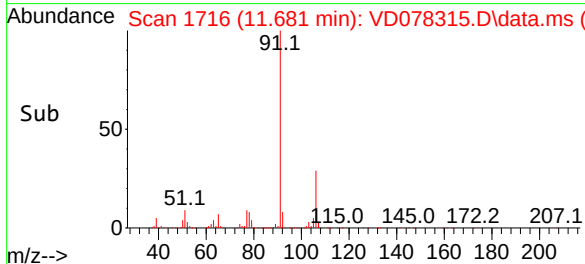
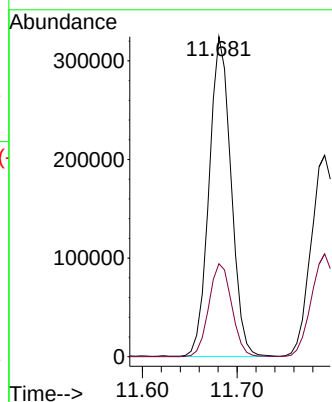
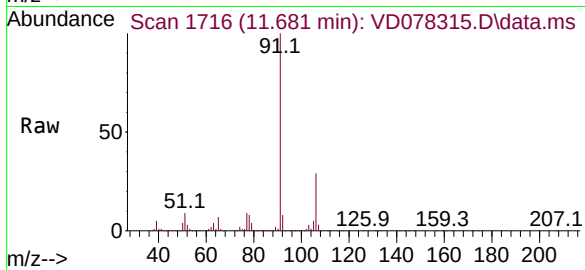




#52
Ethylbenzene
Concen: 26.410 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

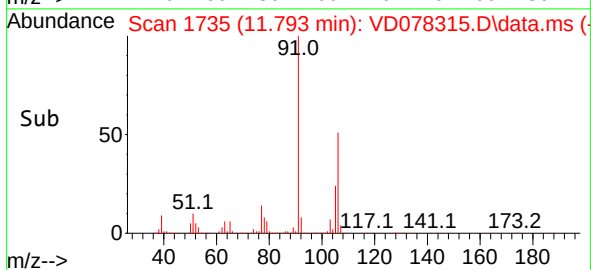
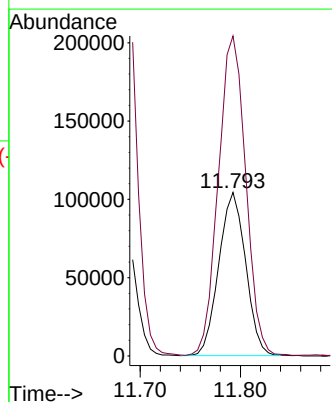
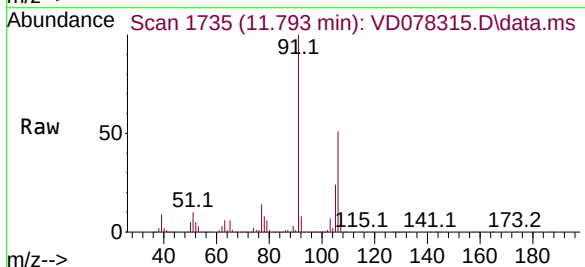
Instrument :
MSVOA_D
ClientSampleId :

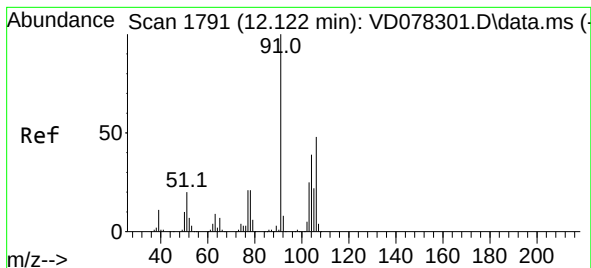
Tgt Ion: 91 Resp: 523040
Ion Ratio Lower Upper
91 100
106 29.0 22.5 41.7



#53
m,p-Xylene
Concen: 25.395 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:106 Resp: 193292
Ion Ratio Lower Upper
106 100
91 195.8 138.3 256.8





#54

o-Xylene

Concen: 26.447 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

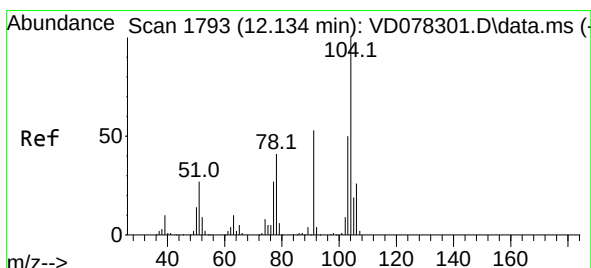
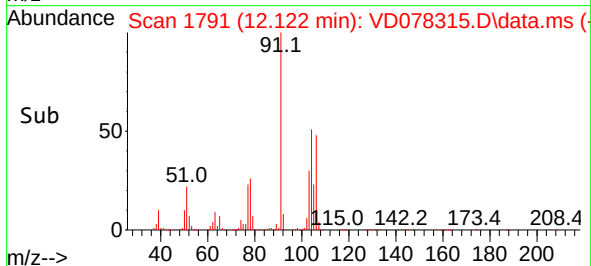
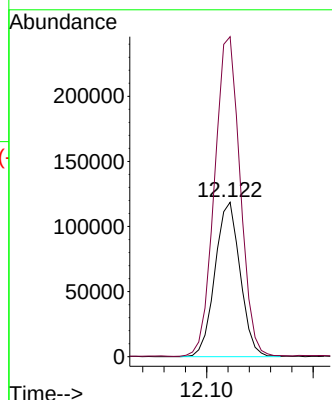
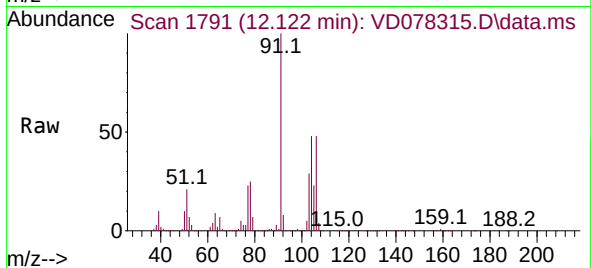
ClientSampleId :

Tgt Ion:106 Resp: 194116

Ion Ratio Lower Upper

106 100

91 207.2 148.0 274.8



#55

Styrene

Concen: 26.448 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078315.D

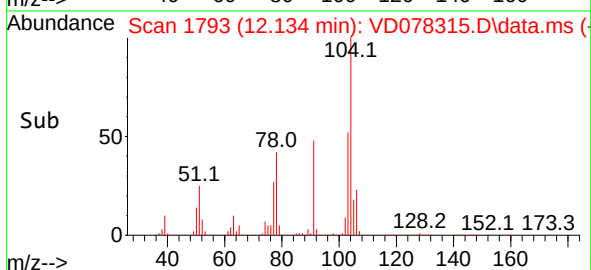
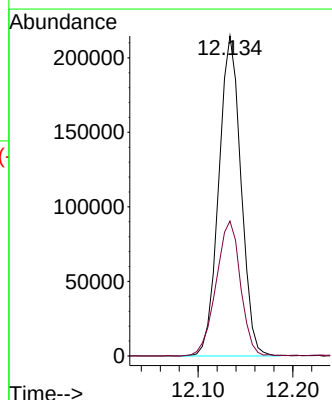
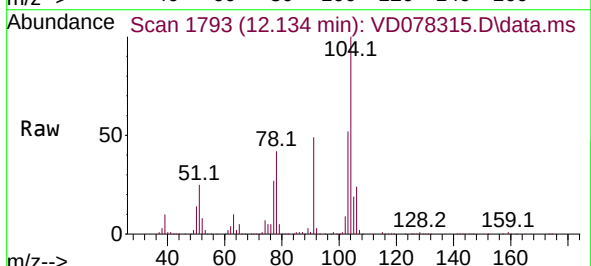
Acq: 01 Feb 2024 19:54

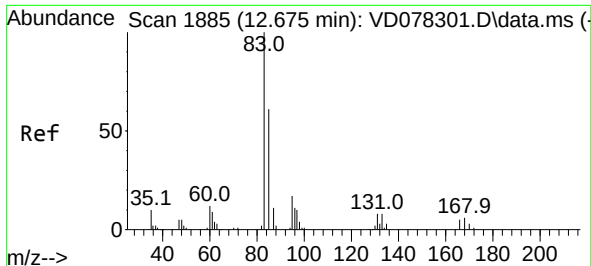
Tgt Ion:104 Resp: 350176

Ion Ratio Lower Upper

104 100

78 42.2 29.5 54.7

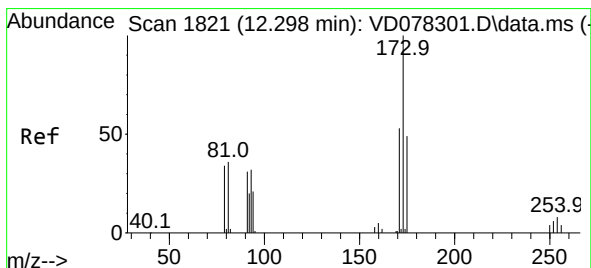
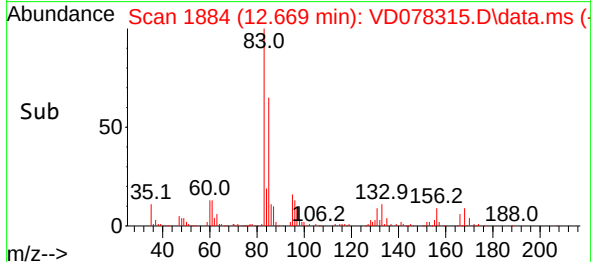
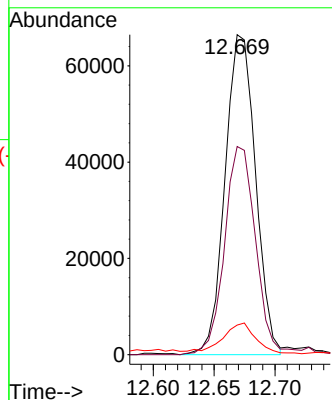
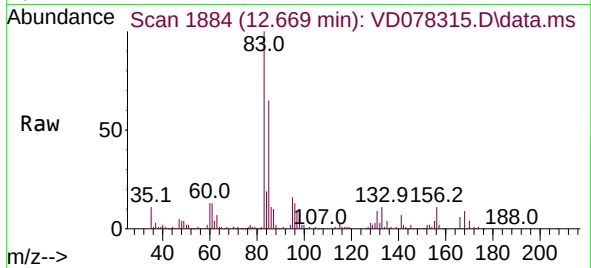




#57
1,1,2,2-Tetrachloroethane
Concen: 24.352 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

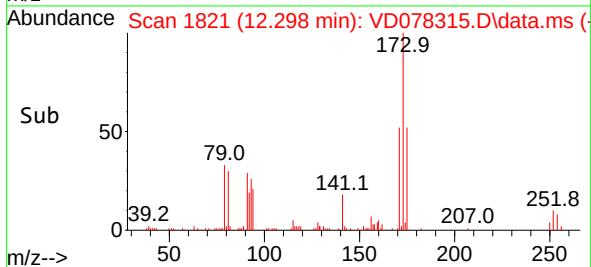
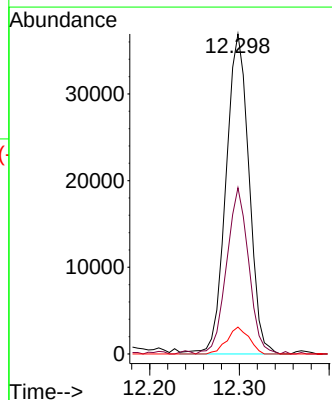
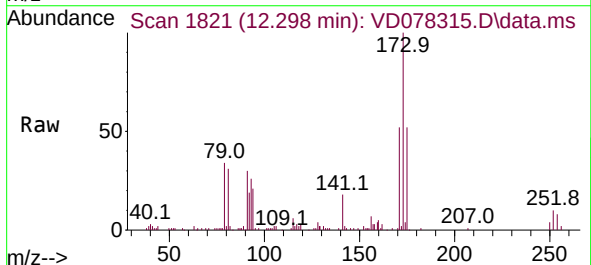
Instrument :
MSVOA_D
ClientSampleId :

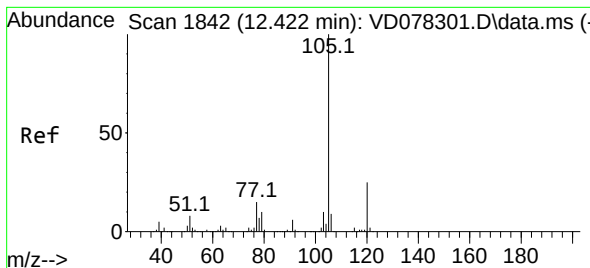
Tgt Ion: 83 Resp: 116128
Ion Ratio Lower Upper
83 100
85 65.0 42.6 79.0
131 9.3 6.0 9.0#



#59
Bromoform
Concen: 27.443 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:173 Resp: 65740
Ion Ratio Lower Upper
173 100
175 49.8 40.2 60.4
254 8.0 6.6 9.8





#60

Isopropylbenzene

Concen: 27.280 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

ClientSampleId :

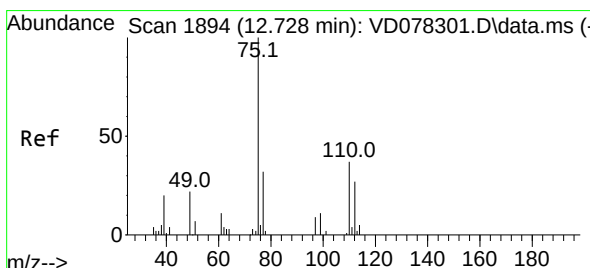
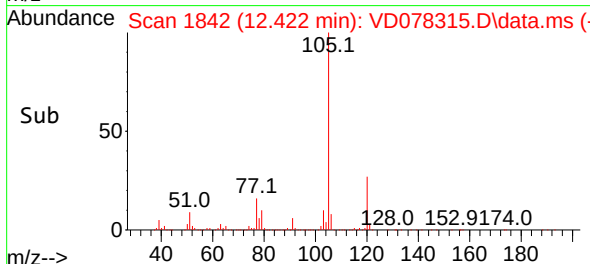
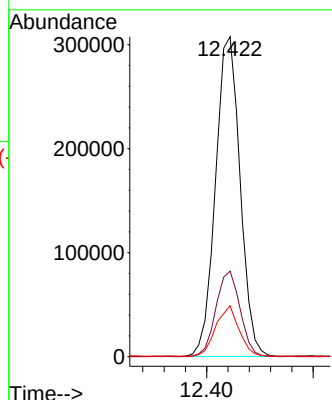
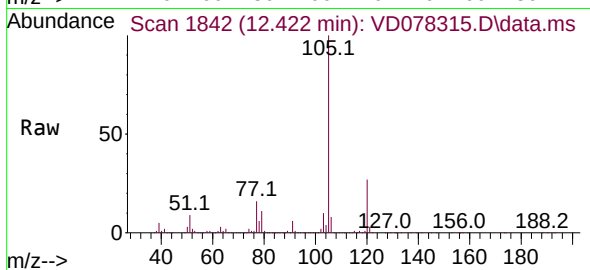
Tgt Ion:105 Resp: 492145

Ion Ratio Lower Upper

105 100

120 26.5 20.4 30.6

77 14.9 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 26.994 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

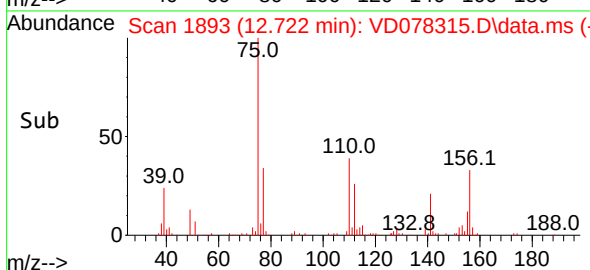
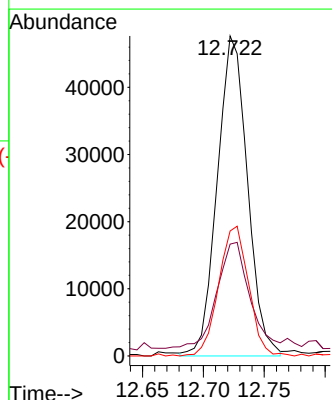
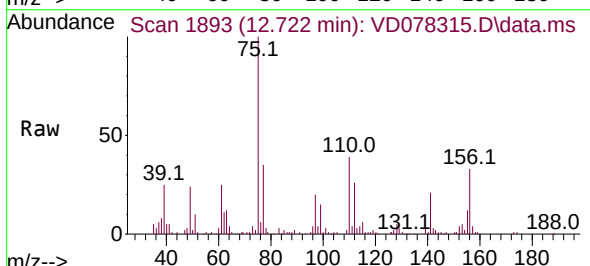
Tgt Ion: 75 Resp: 82206

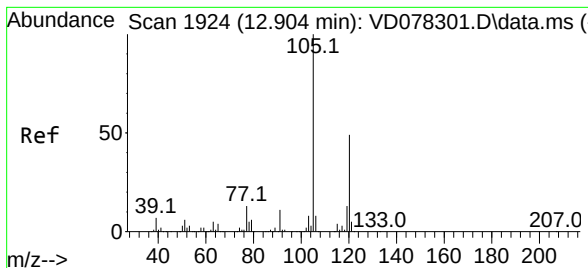
Ion Ratio Lower Upper

75 100

77 36.0 26.5 39.7

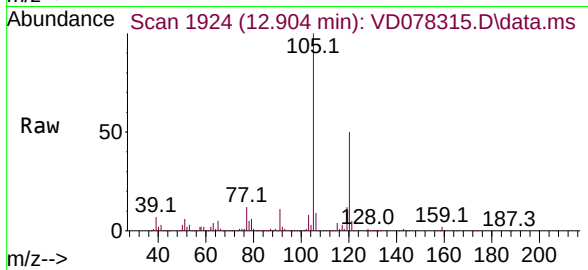
110 39.8 31.8 47.8



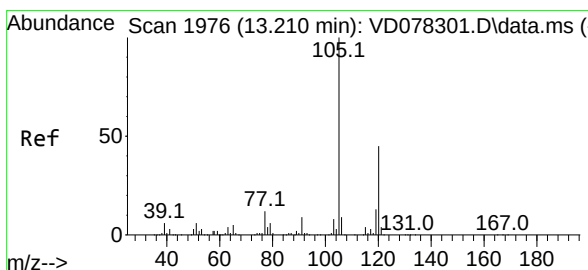
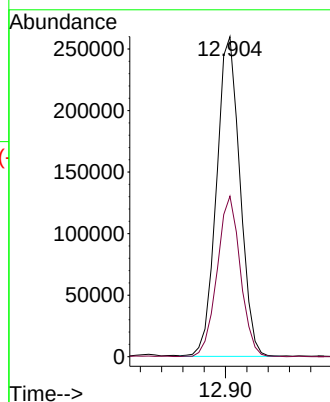
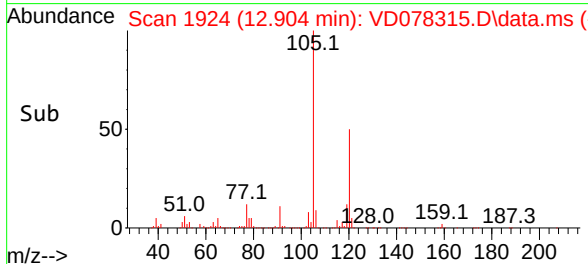


#62
1,3,5-Trimethylbenzene
Concen: 28.088 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

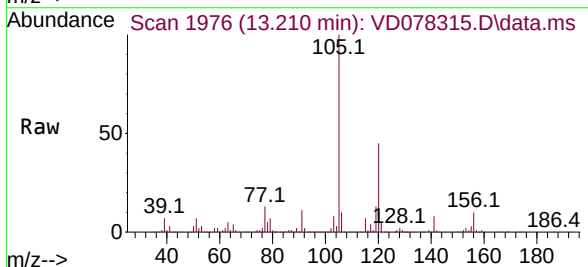
Instrument :
MSVOA_D
ClientSampleId :



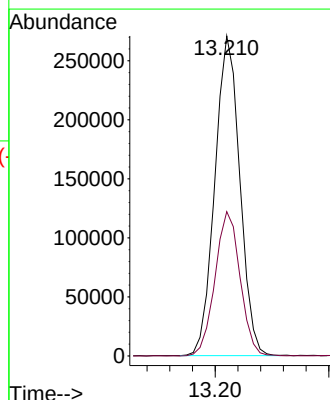
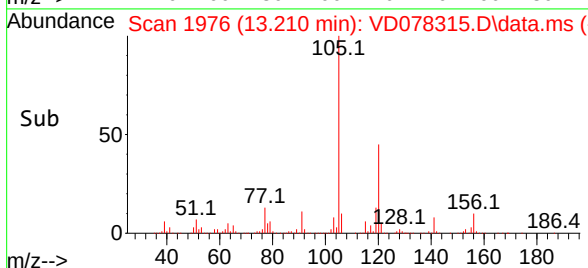
Tgt Ion:105 Resp: 396356
Ion Ratio Lower Upper
105 100
120 49.8 39.5 59.3

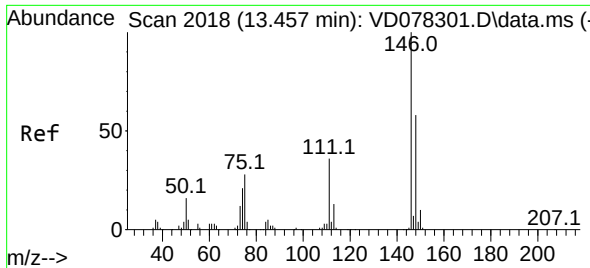


#63
1,2,4-Trimethylbenzene
Concen: 29.575 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54



Tgt Ion:105 Resp: 413362
Ion Ratio Lower Upper
105 100
120 45.3 37.0 55.4

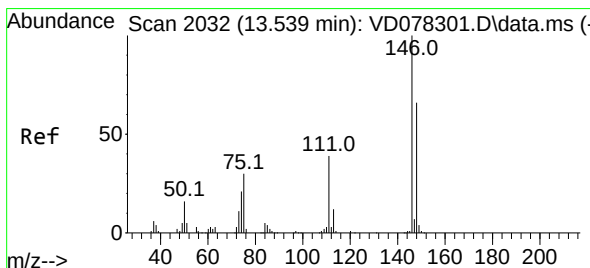
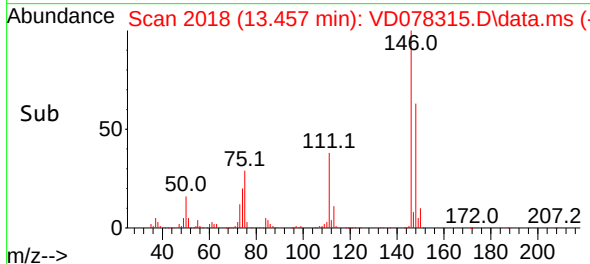
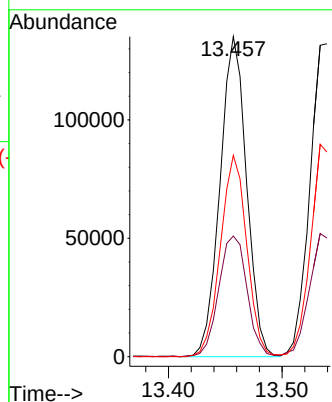
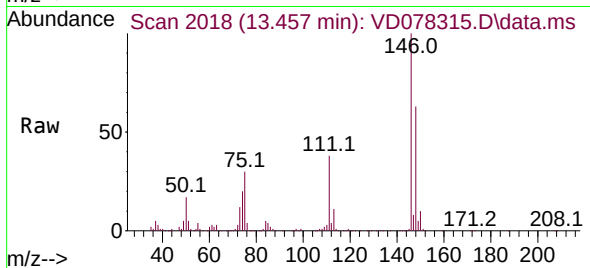




#64
1,3-Dichlorobenzene
Concen: 27.294 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

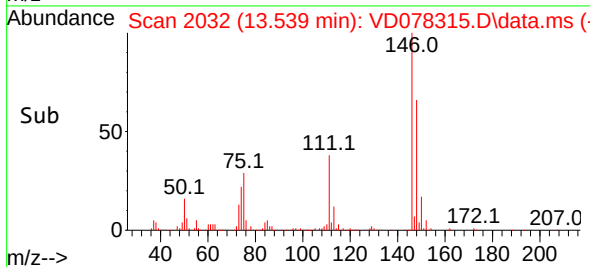
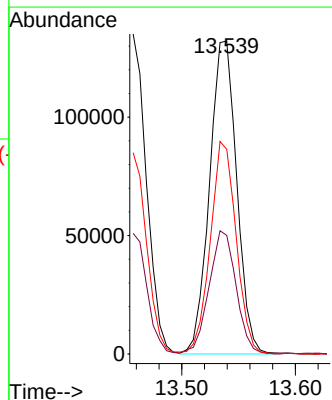
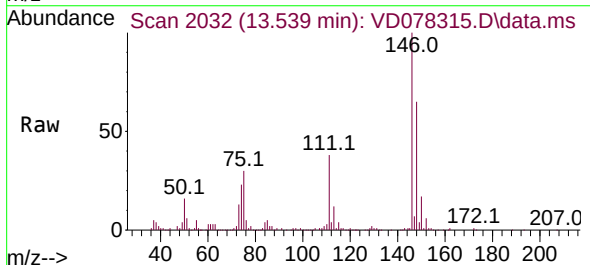
Instrument :
MSVOA_D
ClientSampleId :

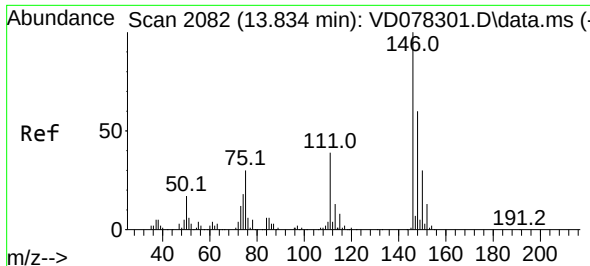
Tgt Ion:146 Resp: 219723
Ion Ratio Lower Upper
146 100
111 37.7 28.6 53.0
148 62.9 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.105 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078315.D
Acq: 01 Feb 2024 19:54

Tgt Ion:146 Resp: 220016
Ion Ratio Lower Upper
146 100
111 37.9 26.4 49.0
148 65.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.479 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

ClientSampleId :

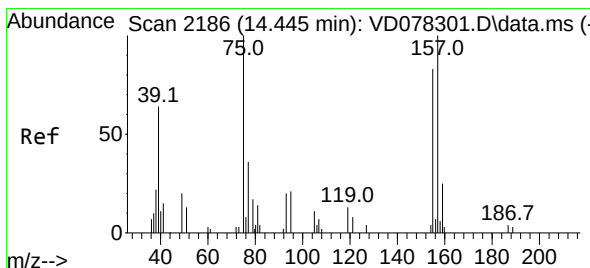
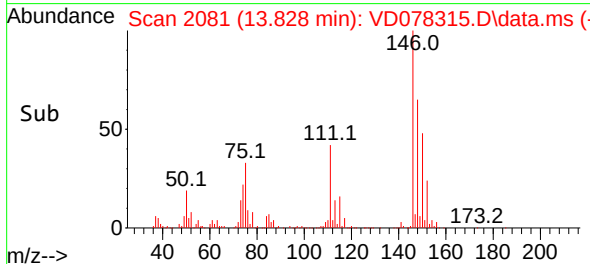
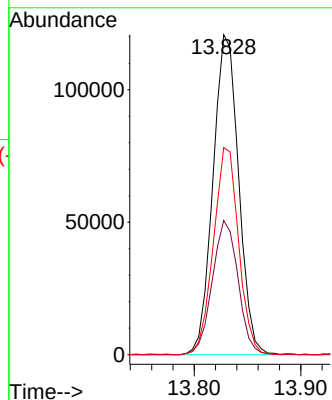
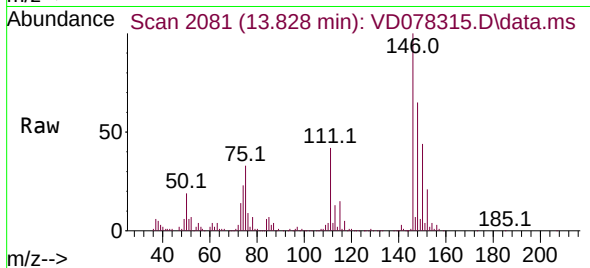
Tgt Ion:146 Resp: 201631

Ion Ratio Lower Upper

146 100

111 41.9 33.6 50.4

148 64.7 48.4 72.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.728 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

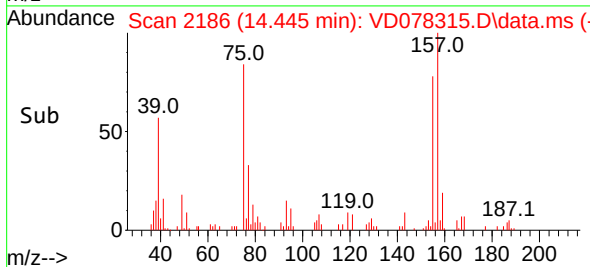
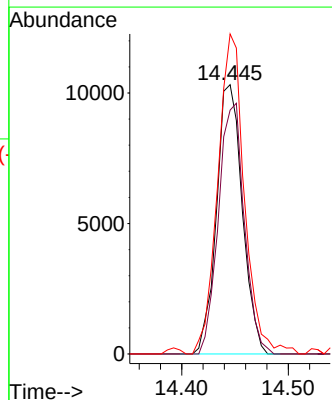
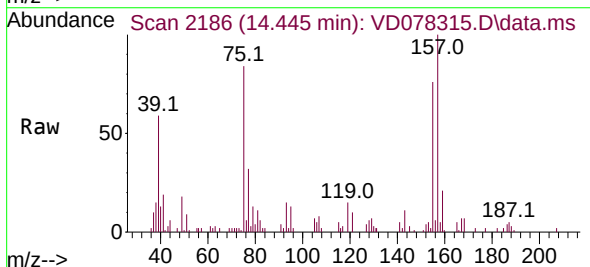
Tgt Ion: 75 Resp: 17360

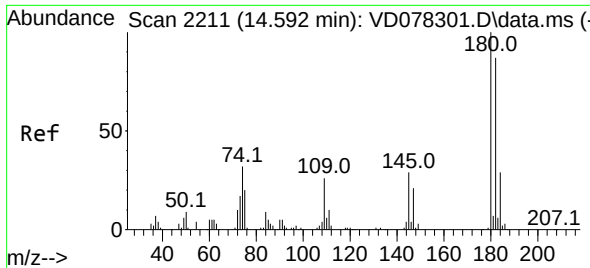
Ion Ratio Lower Upper

75 100

155 90.6 61.6 92.4

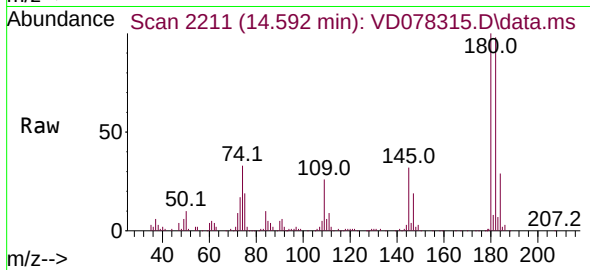
157 118.9 78.1 117.1#



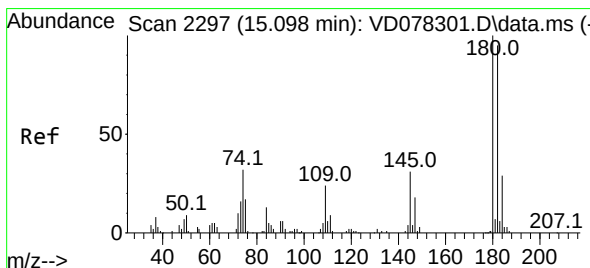
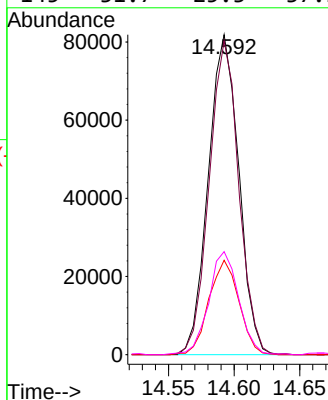
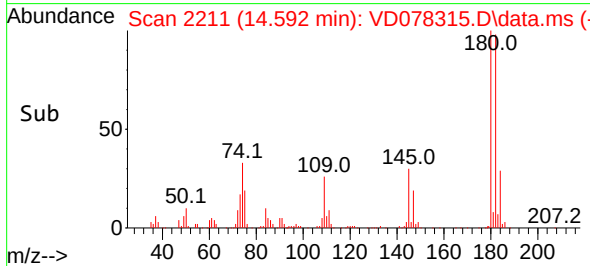


#69
 1,3,5-Trichlorobenzene
 Concen: 26.622 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078315.D
 Acq: 01 Feb 2024 19:54

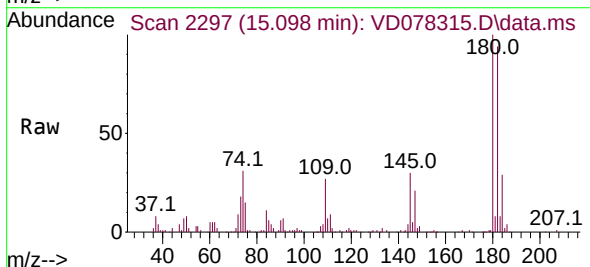
Instrument :
 MSVOA_D
 ClientSampleId :



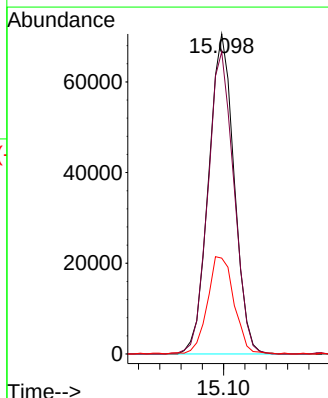
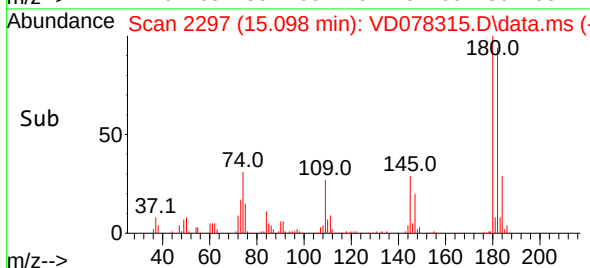
Tgt Ion:180 Resp: 132036
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.6 113.4
 184 29.2 23.2 34.8
 145 31.7 25.3 37.9

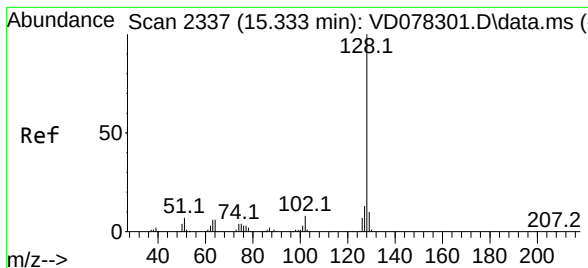


#70
 1,2,4-trichlorobenzene
 Concen: 27.401 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078315.D
 Acq: 01 Feb 2024 19:54



Tgt Ion:180 Resp: 117466
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 145 31.5 25.0 37.6





#71

Naphthalene

Concen: 29.416 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Instrument :

MSVOA_D

ClientSampleId :

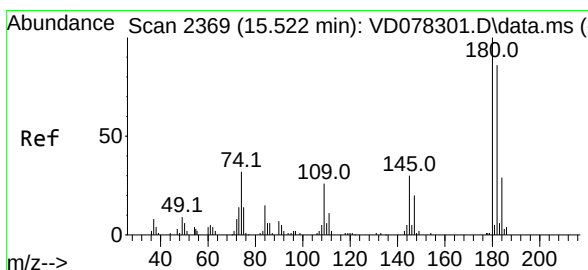
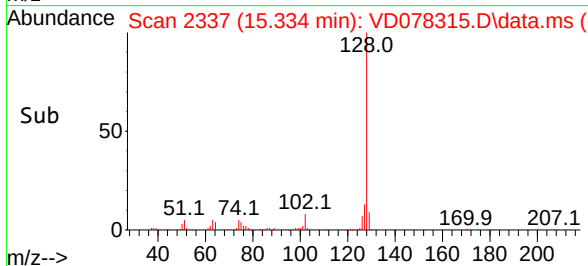
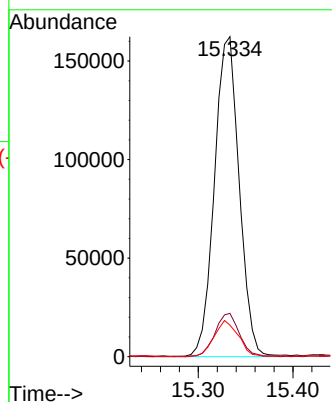
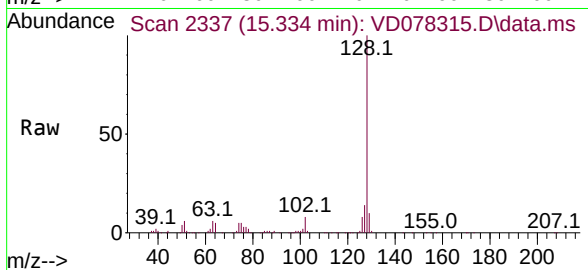
Tgt Ion:128 Resp: 295230

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 26.312 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078315.D

Acq: 01 Feb 2024 19:54

Tgt Ion:180 Resp: 105301

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 33.7 26.8 40.2

