

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078813.D
 Acq On : 11 Apr 2024 16:43
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 07:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	231236	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	224970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115025	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	155366	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.560%
7) Chloroethane-d5	2.805	69	149134	24.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	3.922	65	31568	26.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.920%
21) 2-Butanone-d5	6.987	46	36194	59.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.280%
24) Chloroform-d	7.569	84	163654	28.990	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.960%
26) 1,2-Dichloroethane-d4	8.228	65	79766	27.812	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.240%
32) Benzene-d6	8.204	84	338658	29.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.160%
36) 1,2-Dichloropropane-d6	9.210	67	96107	29.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.560%
41) Toluene-d8	10.269	98	319478	29.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.200%
43) trans-1,3-Dichloroprop...	10.528	79	43774	29.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.320%
47) 2-Hexanone-d5	10.881	63	34211	64.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.400%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93500	30.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	108652	27.695	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95412	28.673	ug/L	99
3) Chloromethane	2.152	50	118324	24.818	ug/L	99
5) Vinyl chloride	2.287	62	179967	25.104	ug/L	99
6) Bromomethane	2.699	94	139468	26.768	ug/L	95
8) Chloroethane	2.840	64	125435	23.981	ug/L	95
9) Trichlorofluoromethane	3.181	101	138718	26.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	86819	25.628	ug/L #	91
12) 1,1-Dichloroethene	3.946	96	79630	26.318	ug/L	89
13) Acetone	4.022	43	45095	57.955	ug/L	96
14) Carbon disulfide	4.275	76	260748	25.334	ug/L	97
15) Methyl Acetate	4.558	43	32151	28.040	ug/L #	73
16) Methylene chloride	4.805	84	93809	23.414	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	88062	26.055	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	179982	27.836	ug/L #	93
19) 1,1-Dichloroethane	6.122	63	137852	25.601	ug/L	90
20) cis-1,2-Dichloroethene	7.081	96	97116	26.431	ug/L	99
22) 2-Butanone	7.081	43	51230	53.891	ug/L	98
23) Bromochloromethane	7.434	128	46908	25.877	ug/L	94
25) Chloroform	7.599	83	160173	25.243	ug/L	95

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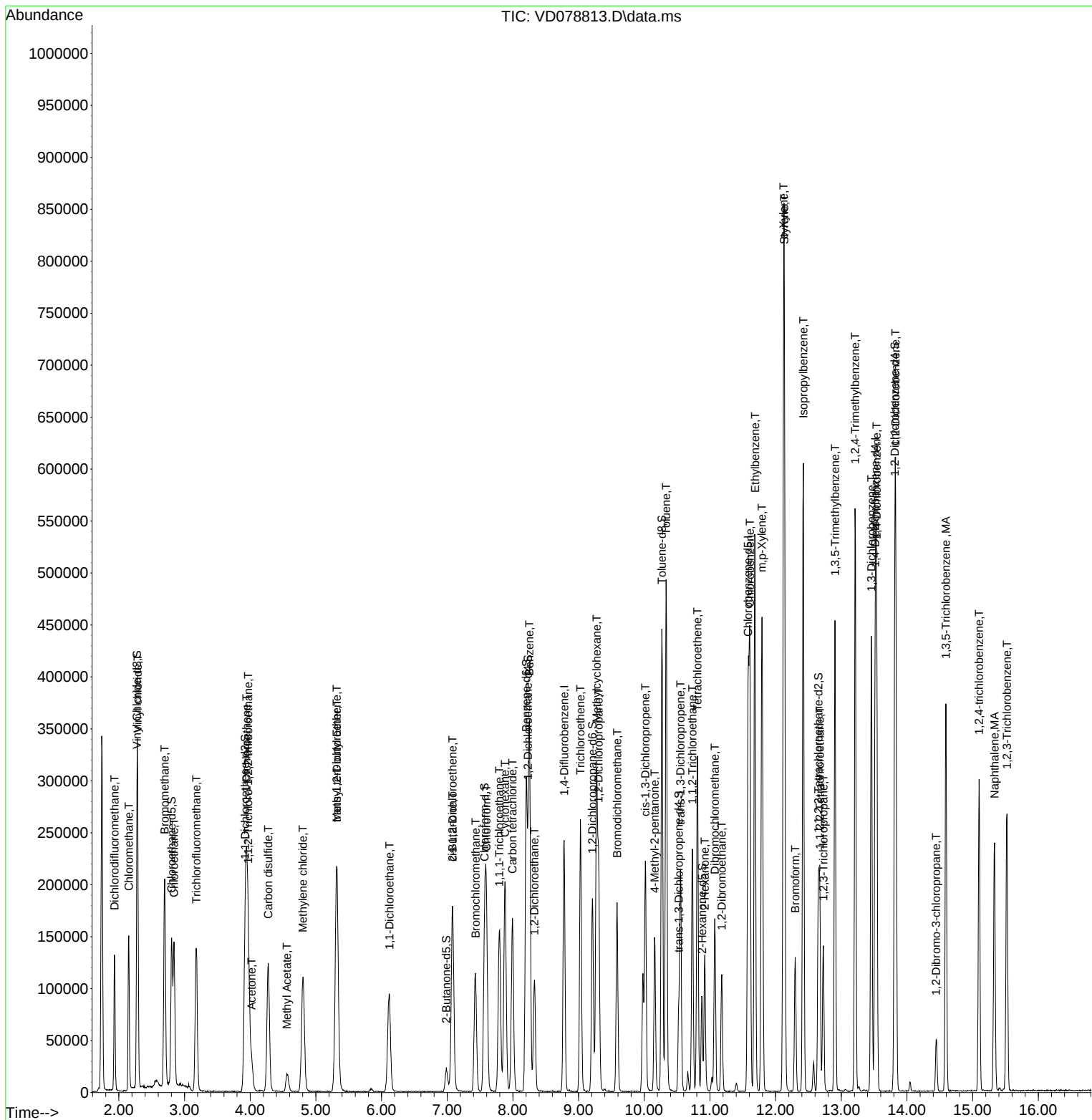
Instrument :
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 ClientSampleId :

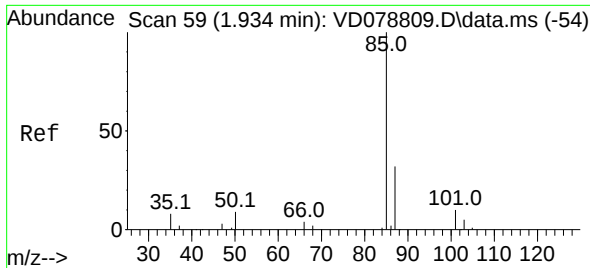
Quant Time: Apr 12 07:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	93697	26.312	ug/L	94
29) Cyclohexane	7.881	56	109410	28.626	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	134311	26.544	ug/L	99
31) Carbon tetrachloride	7.993	117	120973	26.636	ug/L	99
33) Benzene	8.251	78	346551	27.168	ug/L	100
34) Trichloroethene	9.028	95	87366	25.674	ug/L	94
35) Methylcyclohexane	9.275	83	135944	26.892	ug/L	99
37) 1,2-Dichloropropane	9.304	63	84778	25.920	ug/L #	92
38) Bromodichloromethane	9.587	83	119438	26.541	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	138705	27.609	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	90600	60.644	ug/L	98
42) Toluene	10.334	91	384217	27.209	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	122147	27.746	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	76871	26.914	ug/L	96
46) Tetrachloroethene	10.810	164	75159	26.376	ug/L	93
48) 2-Hexanone	10.922	43	75673	64.359	ug/L	99
49) Dibromochloromethane	11.075	129	89665	27.112	ug/L	95
50) 1,2-Dibromoethane	11.181	107	75428	27.175	ug/L #	98
51) Chlorobenzene	11.610	112	249829	26.230	ug/L	98
52) Ethylbenzene	11.687	91	407879	27.471	ug/L	99
53) m,p-Xylene	11.792	106	162408	27.768	ug/L	91
54) o-Xylene	12.122	106	154682	27.360	ug/L	94
55) Styrene	12.134	104	284059	28.035	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	90360	27.406	ug/L #	98
59) Bromoform	12.298	173	59515	26.396	ug/L	99
60) Isopropylbenzene	12.422	105	403990	27.754	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	58532	27.570	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	241959	27.421	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	299823	27.689	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	191613	26.449	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	202598	26.444	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	177645	26.030	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	11937	24.695	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	118288	25.390	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	104086	26.493	ug/L	97
71) Naphthalene	15.333	128	218234	28.617	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	95885	26.655	ug/L	98

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

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Quant Title : SFAM01.0
QLast Update : Fri Apr 12 07:08:03 2024
Response via : Initial Calibration

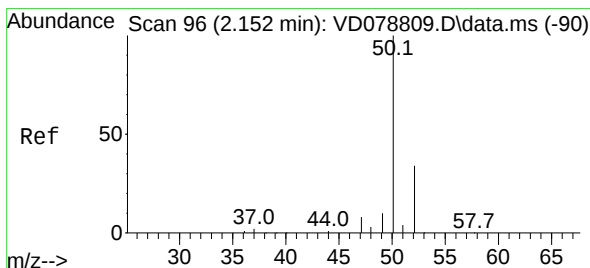
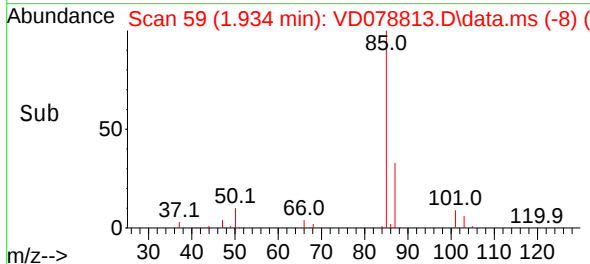
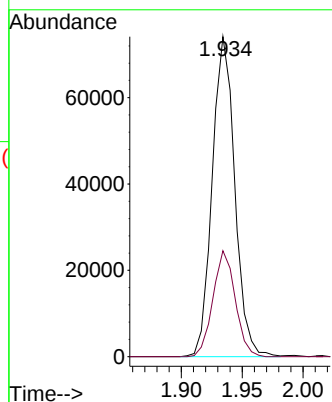
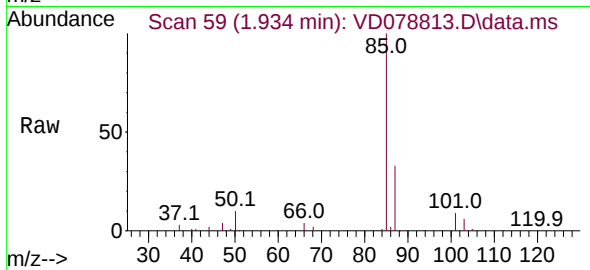




#2
 Dichlorodifluoromethane
 Concen: 28.673 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078813.D
 Acq: 11 Apr 2024 16:43

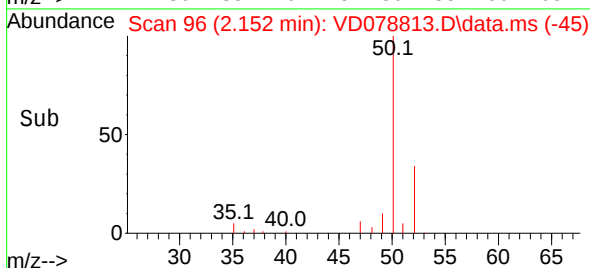
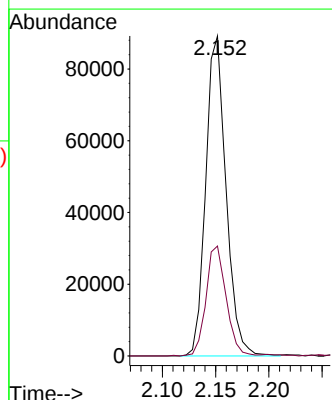
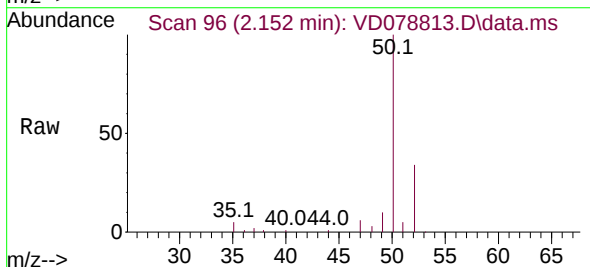
Instrument :
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 ClientSampleId :

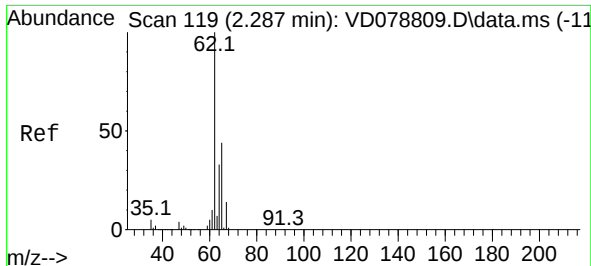
Tgt Ion: 85 Resp: 95412
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.5 39.7



#3
 Chloromethane
 Concen: 24.818 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD078813.D
 Acq: 11 Apr 2024 16:43

Tgt Ion: 50 Resp: 118324
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.6 43.8

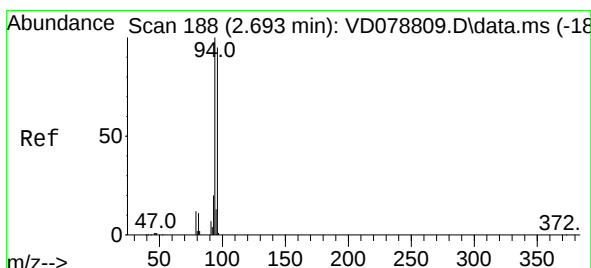
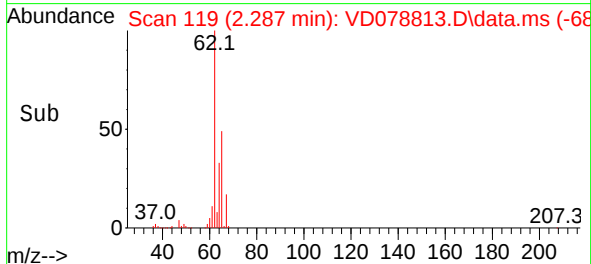
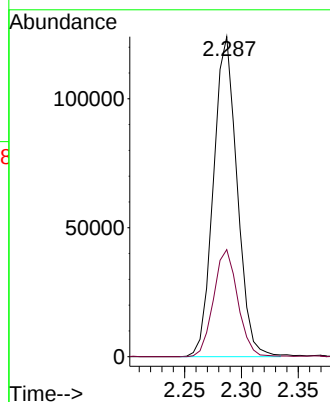
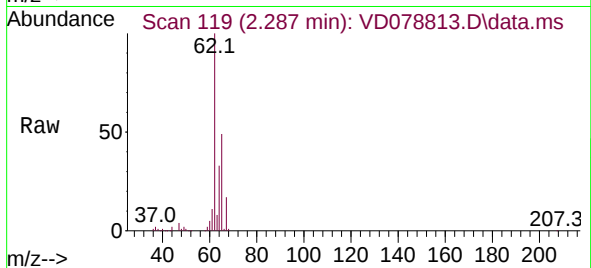




#5
 Vinyl chloride
 Concen: 25.104 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD078813.D
 Acq: 11 Apr 2024 16:43

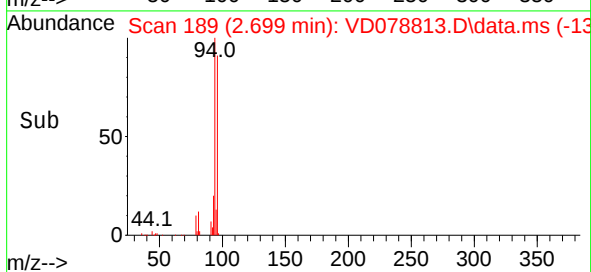
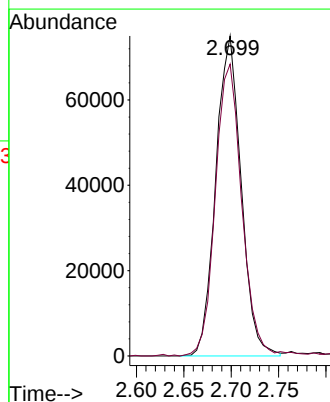
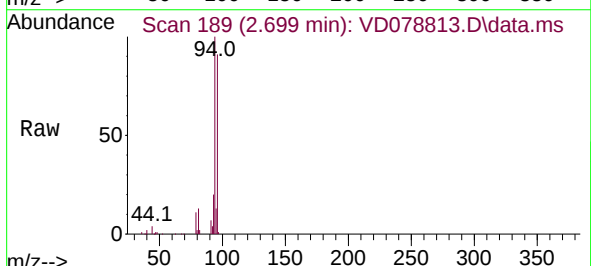
Instrument :
 MSVOA_D
 ClientSampleId :

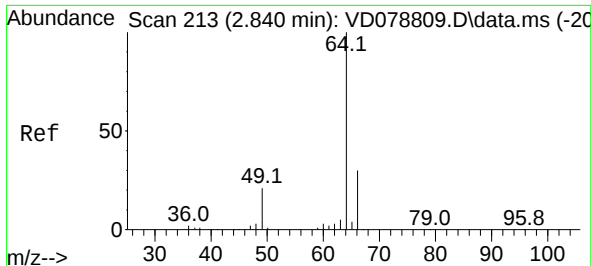
Tgt Ion: 62 Resp: 179967
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 26.768 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD078813.D
 Acq: 11 Apr 2024 16:43

Tgt Ion: 94 Resp: 139468
 Ion Ratio Lower Upper
 94 100
 96 91.2 66.9 124.3

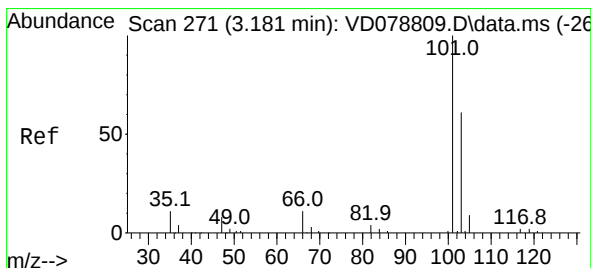
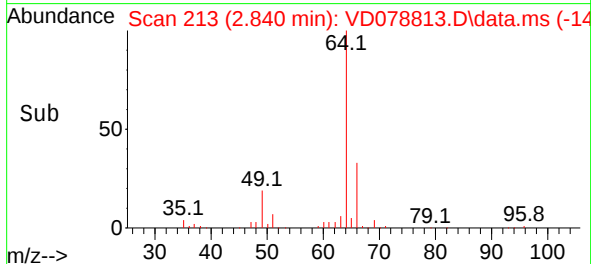
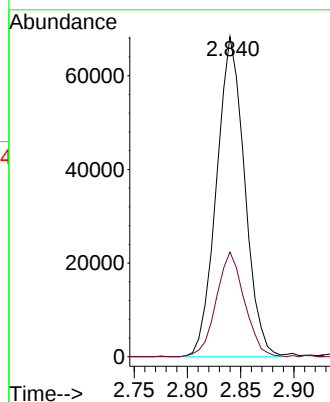
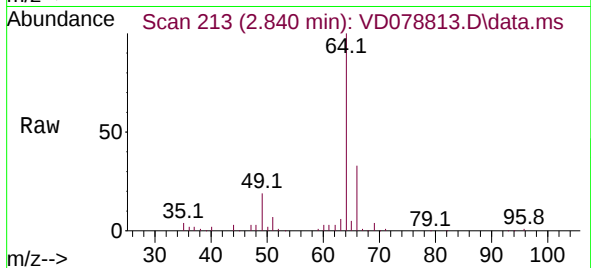




#8
Chloroethane
Concen: 23.981 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

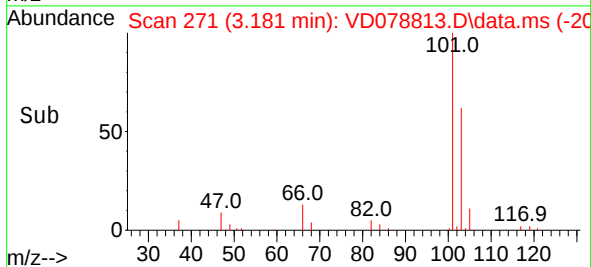
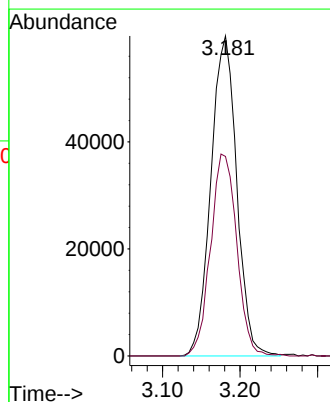
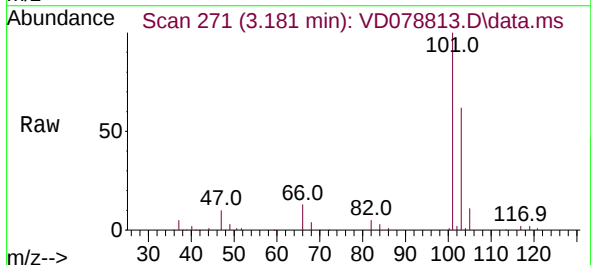
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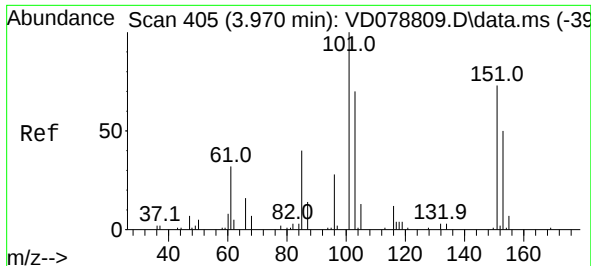
Tgt Ion: 64 Resp: 125435
Ion Ratio Lower Upper
64 100
66 32.7 21.0 39.0



#9
Trichlorofluoromethane
Concen: 26.451 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion:101 Resp: 138718
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.628 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

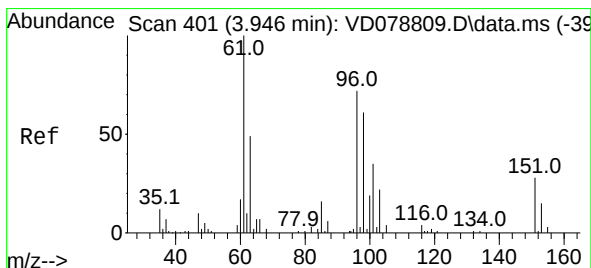
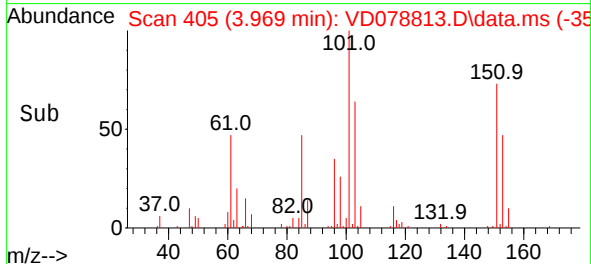
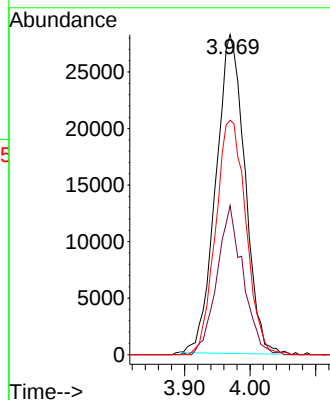
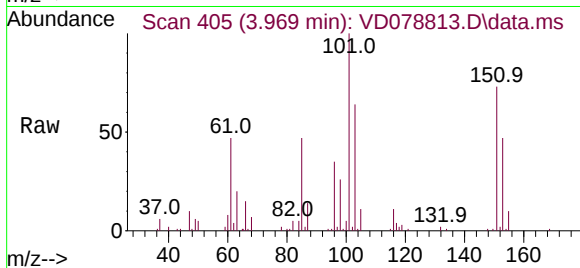
Tgt Ion:101 Resp: 86819

Ion Ratio Lower Upper

101 100

85 42.0 19.5 29.3#

151 76.6 61.9 92.9



#12

1,1-Dichloroethene

Concen: 26.318 ug/L

RT: 3.946 min Scan# 401

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

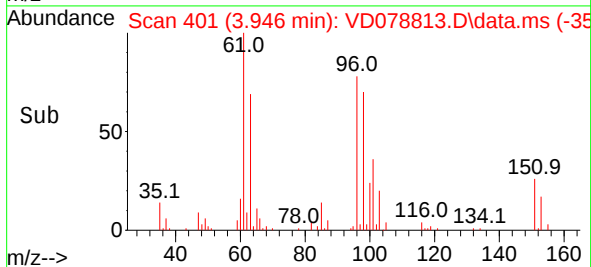
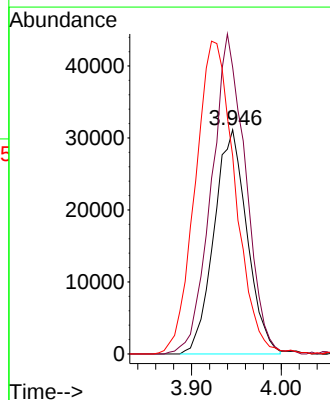
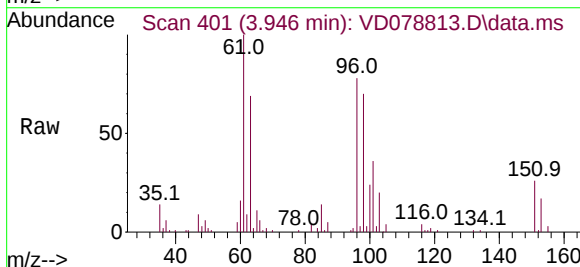
Tgt Ion: 96 Resp: 79630

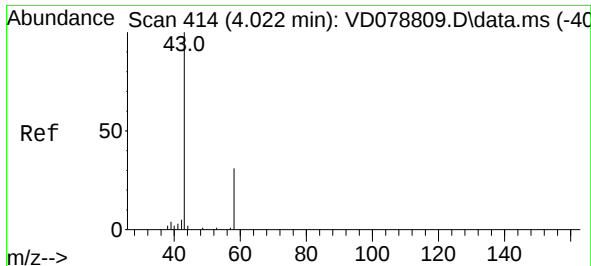
Ion Ratio Lower Upper

96 100

61 127.8 99.0 183.8

63 88.3 55.2 102.6





#13

Acetone

Concen: 57.955 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

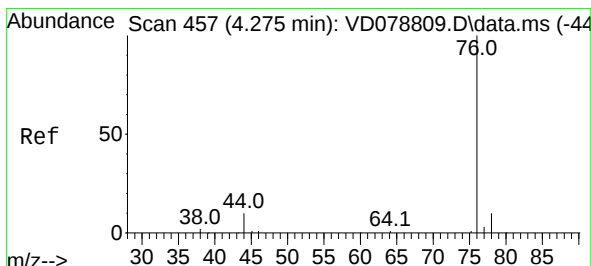
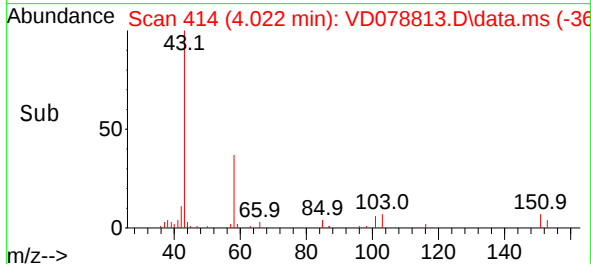
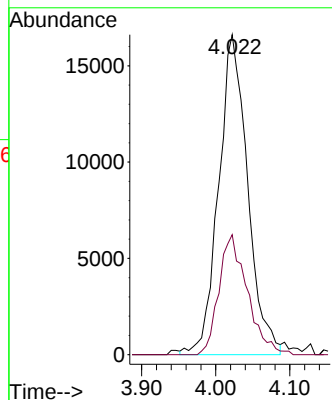
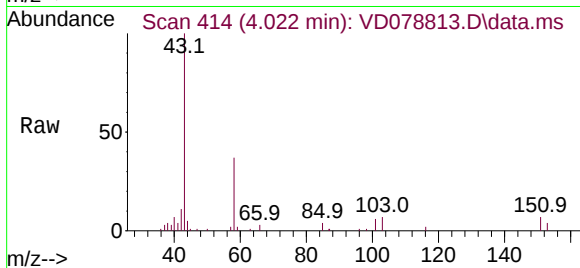
ClientSampleId :

Tgt Ion: 43 Resp: 45095

Ion Ratio Lower Upper

43 100

58 36.8 0.0 78.6



#14

Carbon disulfide

Concen: 25.334 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078813.D

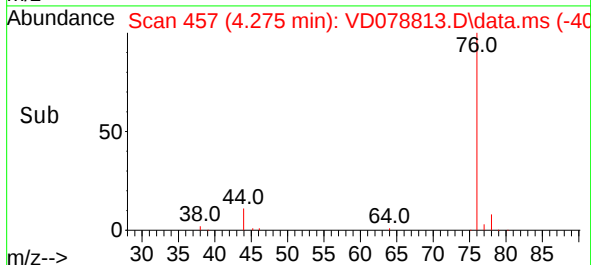
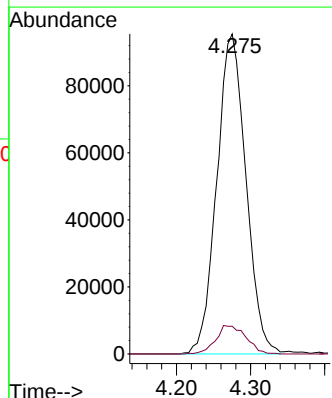
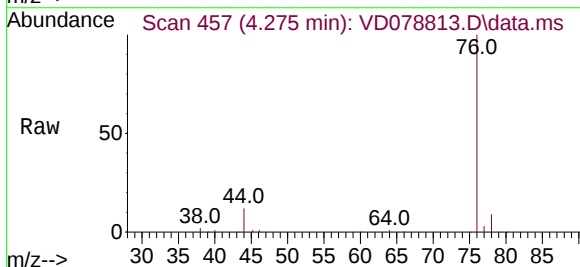
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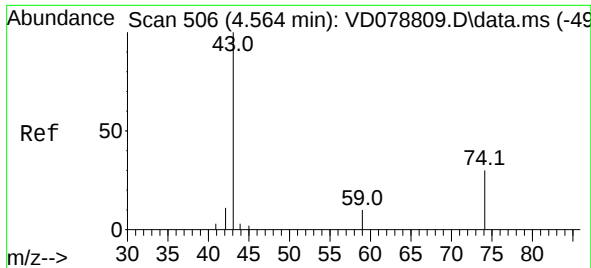
Tgt Ion: 76 Resp: 260748

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6

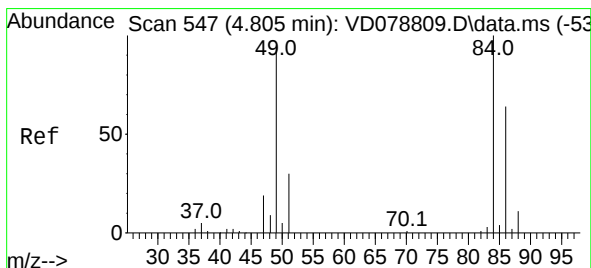
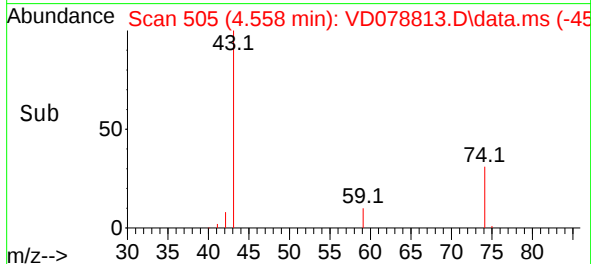
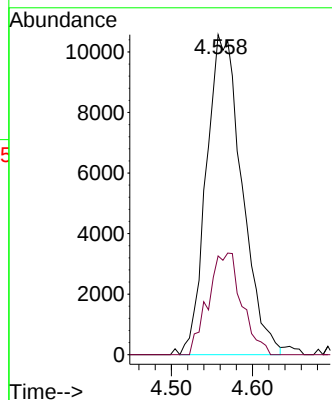
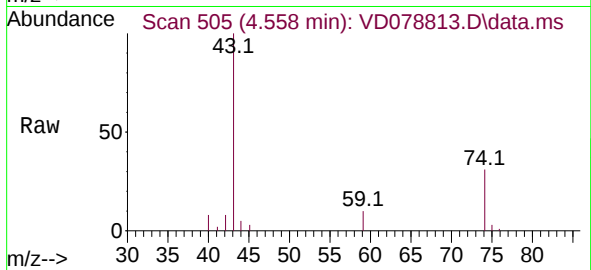




#15
Methyl Acetate
Concen: 28.040 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

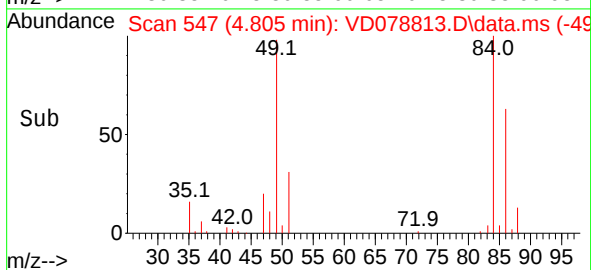
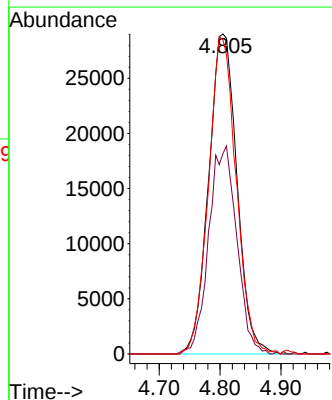
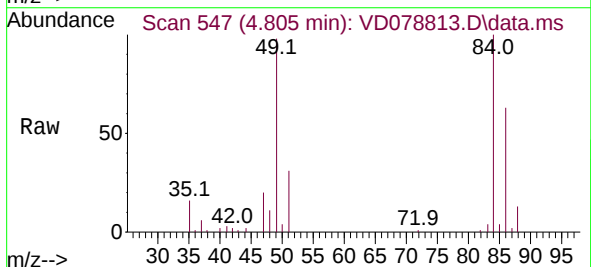
Instrument :
MSVOA_D
ClientSampleId :

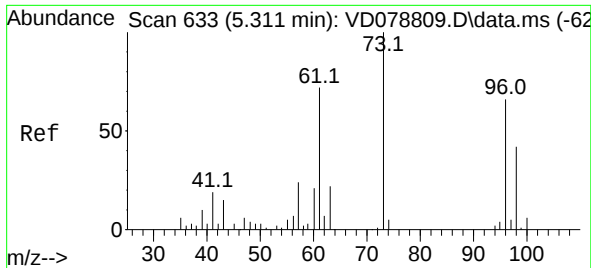
Tgt Ion: 43 Resp: 32151
Ion Ratio Lower Upper
43 100
74 14.9 23.4 35.2#



#16
Methylene chloride
Concen: 23.414 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 84 Resp: 93809
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 98.2 67.1 124.5

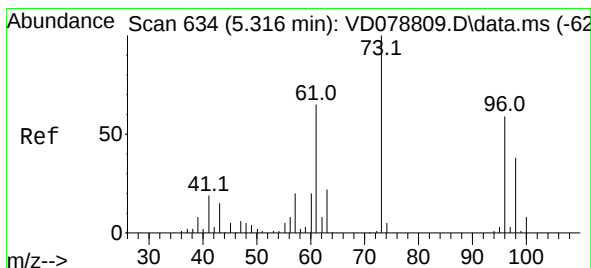
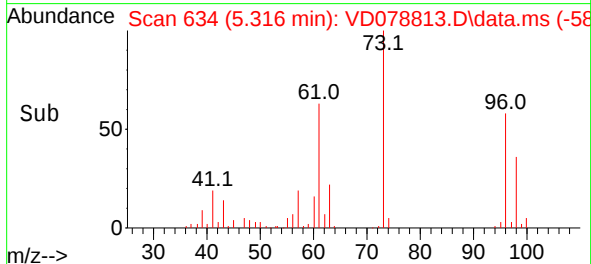
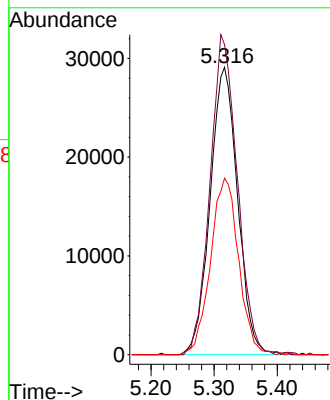
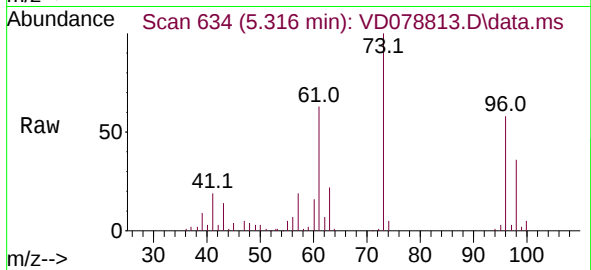




#17
trans-1,2-Dichloroethene
Concen: 26.055 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

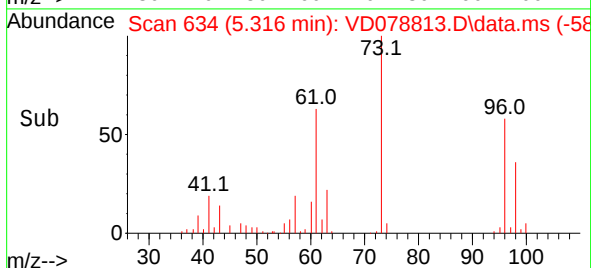
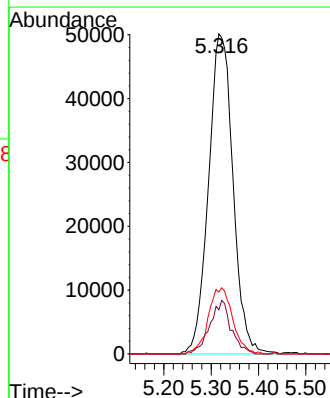
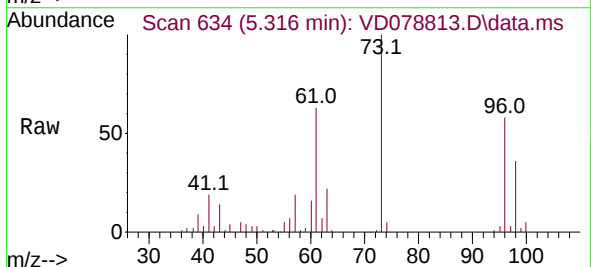
Instrument :
MSVOA_D
ClientSampleId :

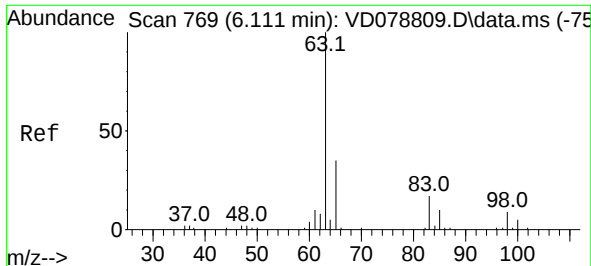
Tgt Ion: 96 Resp: 88062
Ion Ratio Lower Upper
96 100
61 107.9 76.2 141.6
98 61.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 27.836 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 73 Resp: 179982
Ion Ratio Lower Upper
73 100
43 14.6 7.0 10.4#
57 20.5 17.4 26.0

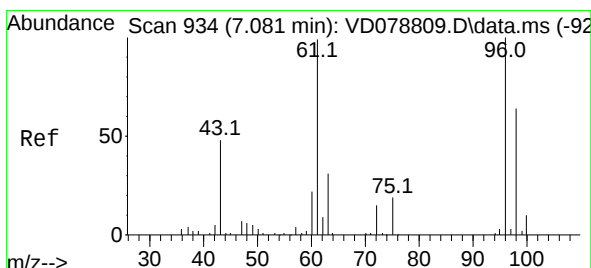
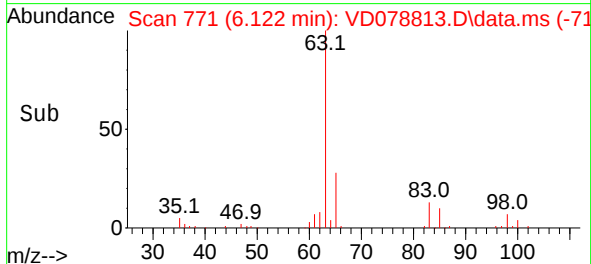
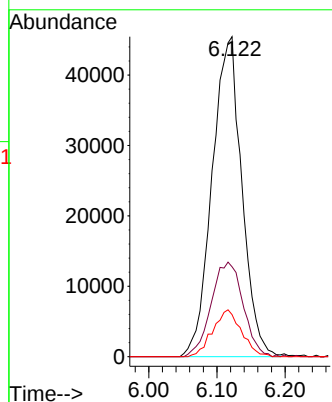
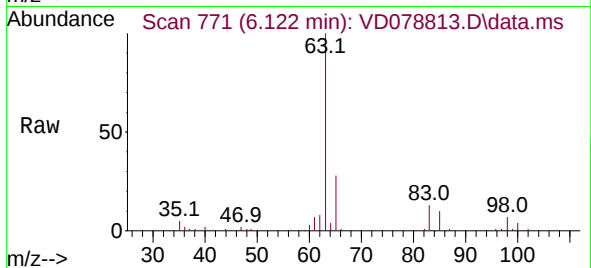




#19
1,1-Dichloroethane
Concen: 25.601 ug/L
RT: 6.122 min Scan# 71
Delta R.T. 0.012 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

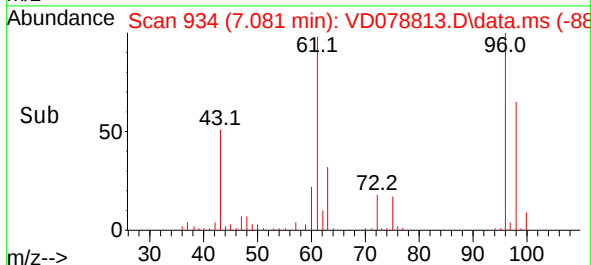
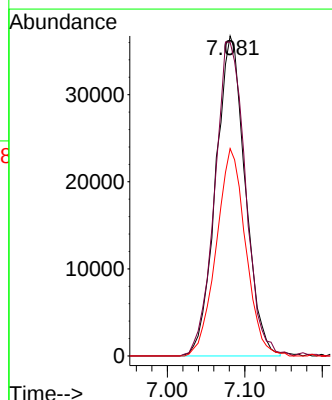
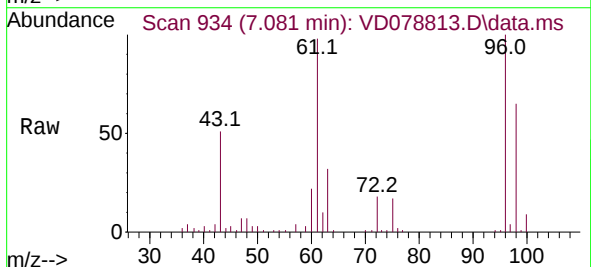
Instrument :
MSVOA_D
ClientSampleId :

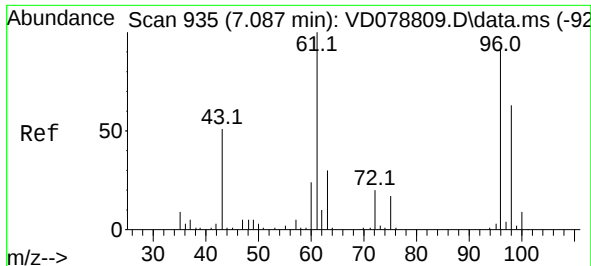
Tgt Ion: 63 Resp: 137852
Ion Ratio Lower Upper
63 100
65 28.1 24.3 45.1
83 13.2 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 26.431 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 96 Resp: 97116
Ion Ratio Lower Upper
96 100
61 98.0 69.0 128.2
98 64.8 44.8 83.2





#22

2-Butanone

Concen: 53.891 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

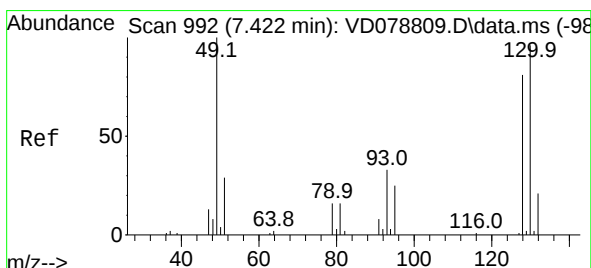
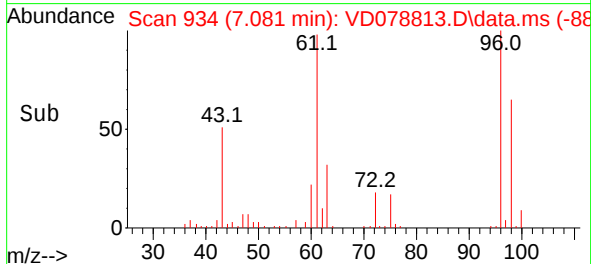
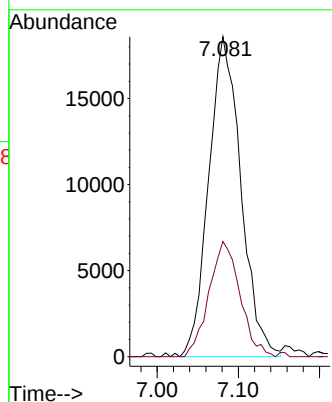
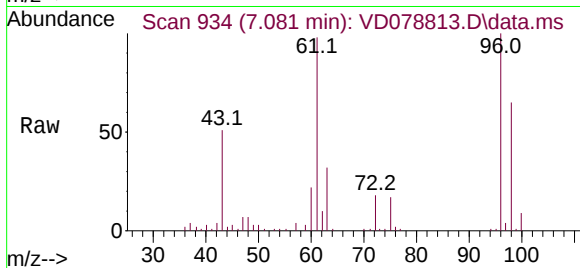
ClientSampleId :

Tgt Ion: 43 Resp: 51230

Ion Ratio Lower Upper

43 100

72 34.7 16.8 50.4



#23

Bromochloromethane

Concen: 25.877 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Tgt Ion:128 Resp: 46908

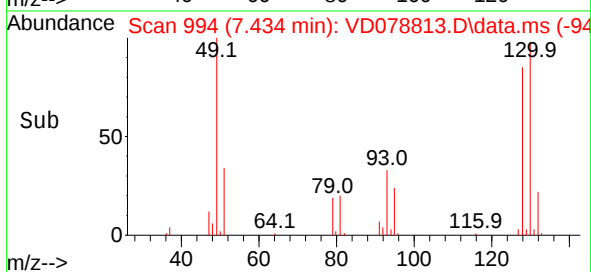
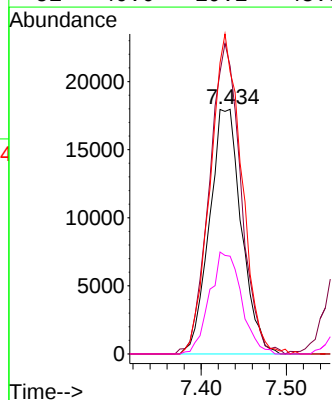
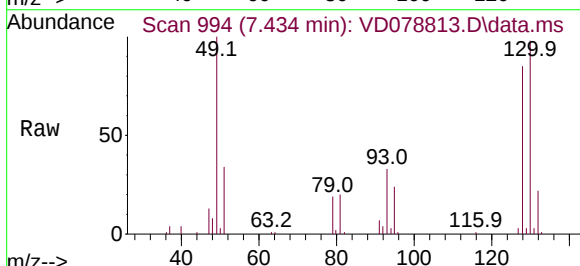
Ion Ratio Lower Upper

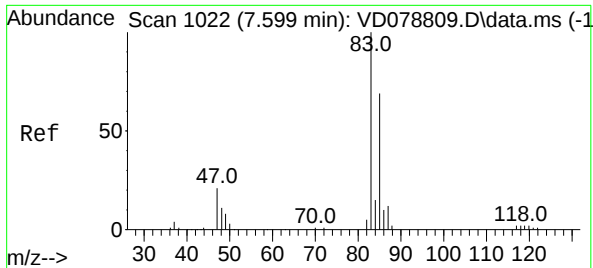
128 100

49 117.5 87.6 162.8

130 115.3 84.5 156.9

51 40.0 29.2 43.8





#25

Chloroform

Concen: 25.243 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

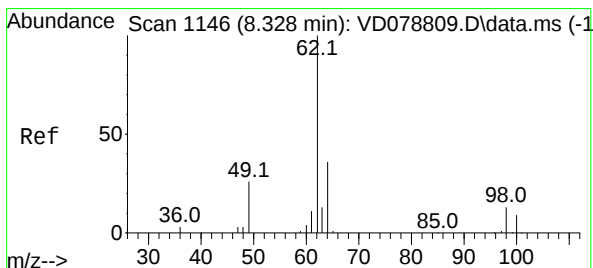
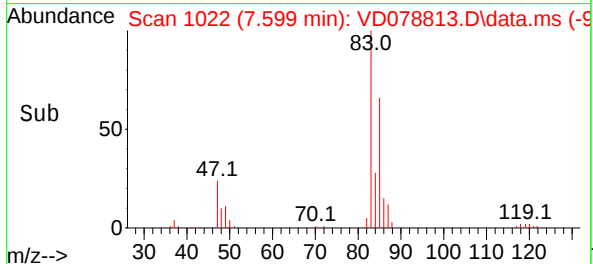
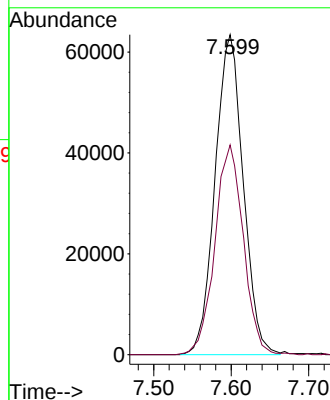
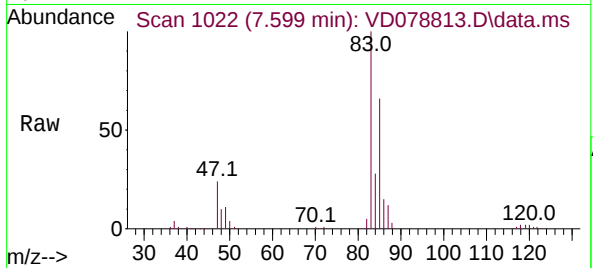
ClientSampleId :

Tgt Ion: 83 Resp: 160173

Ion Ratio Lower Upper

83 100

85 65.5 48.6 90.2



#27

1,2-Dichloroethane

Concen: 26.312 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078813.D

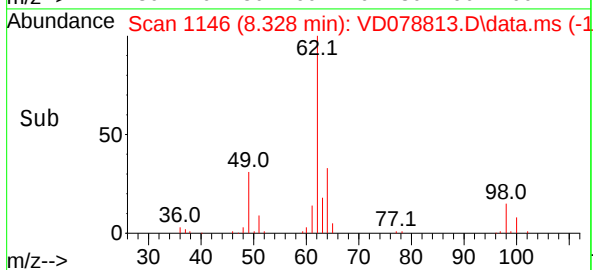
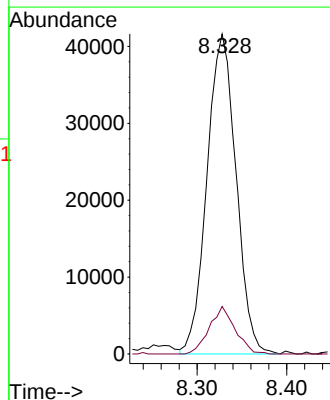
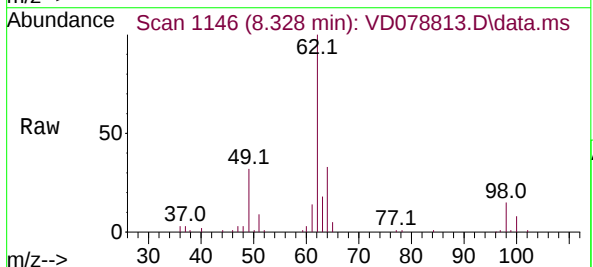
Acq: 11 Apr 2024 16:43

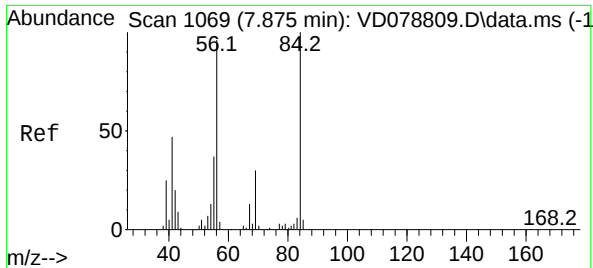
Tgt Ion: 62 Resp: 93697

Ion Ratio Lower Upper

62 100

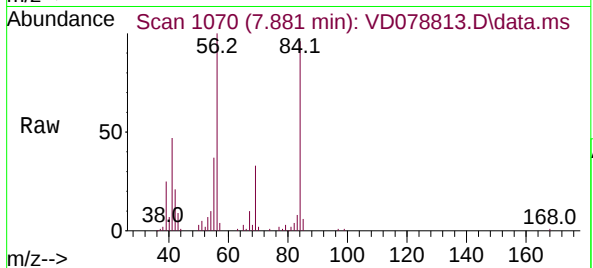
98 14.9 10.0 15.0



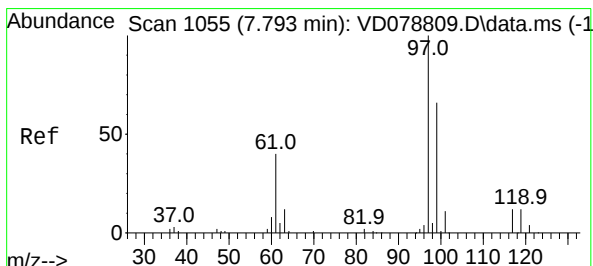
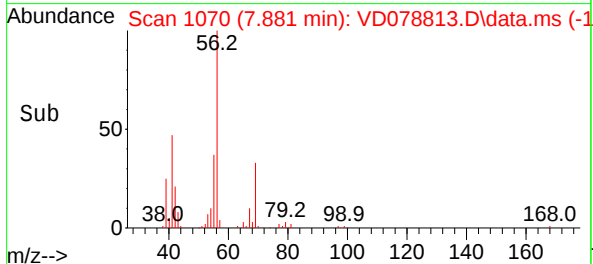
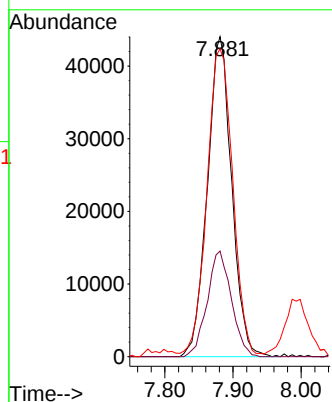


#29
Cyclohexane
Concen: 28.626 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Instrument :
MSVOA_D
ClientSampleId :

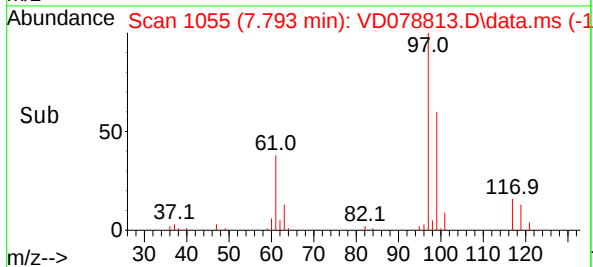
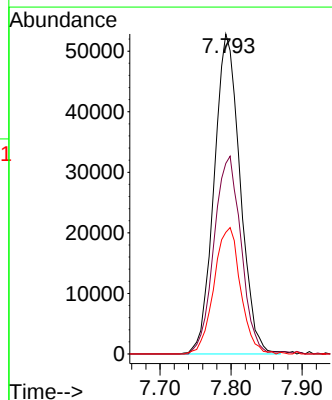
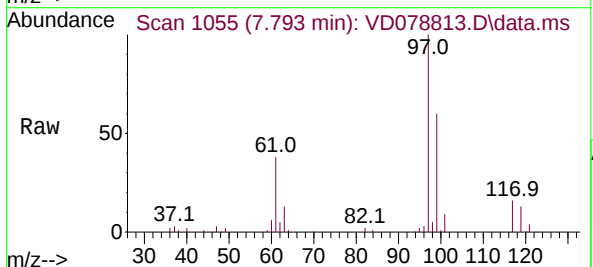


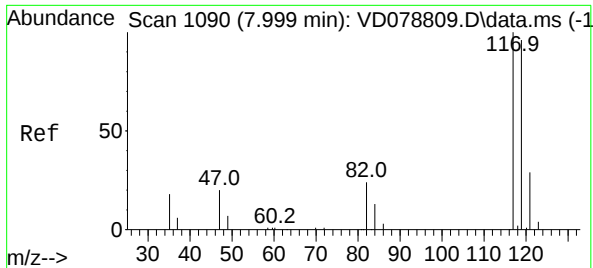
Tgt Ion: 56 Resp: 109410
Ion Ratio Lower Upper
56 100
69 32.8 26.1 39.1
84 102.5 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 26.544 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 97 Resp: 134311
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 40.2 31.5 47.3

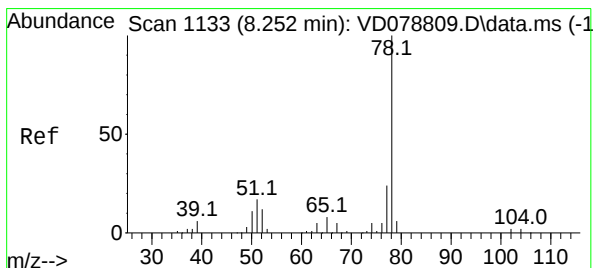
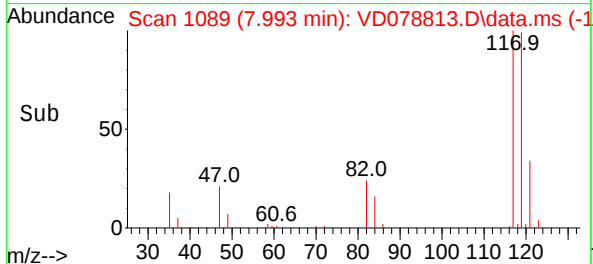
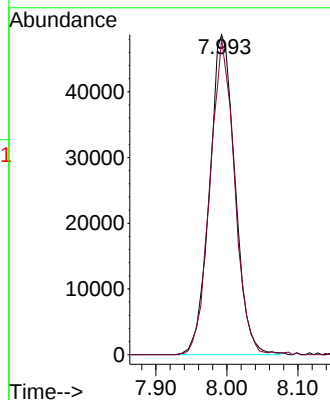
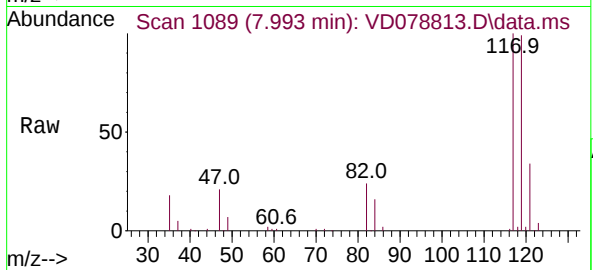




#31
Carbon tetrachloride
Concen: 26.636 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

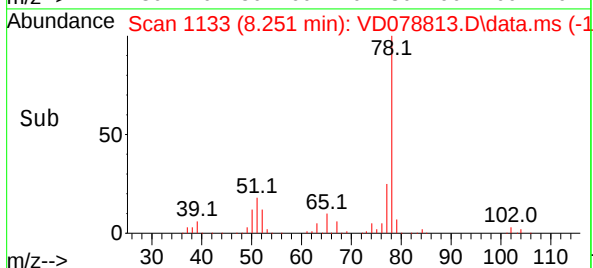
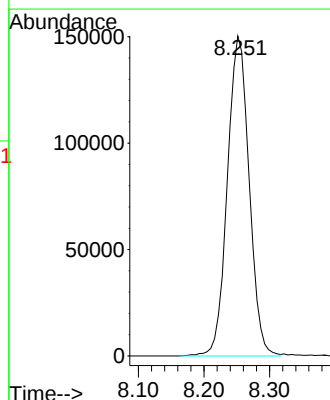
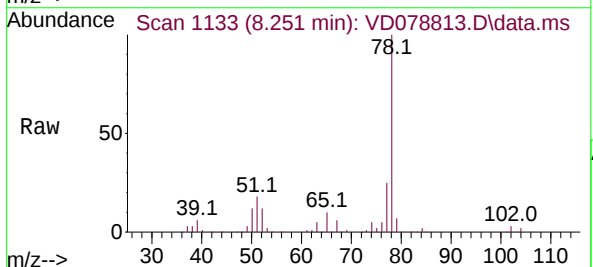
Instrument :
MSVOA_D
ClientSampleId :

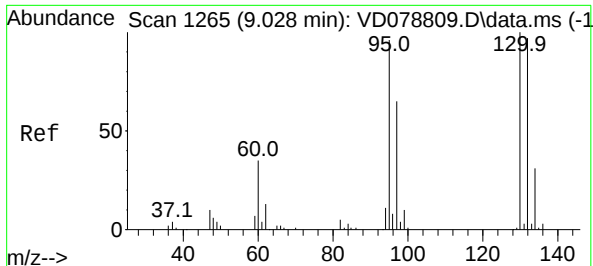
Tgt Ion:117 Resp: 120973
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 27.168 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

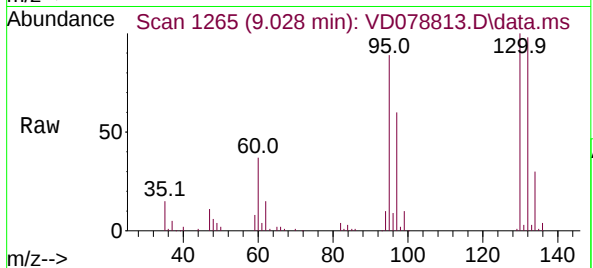
Tgt Ion: 78 Resp: 346551





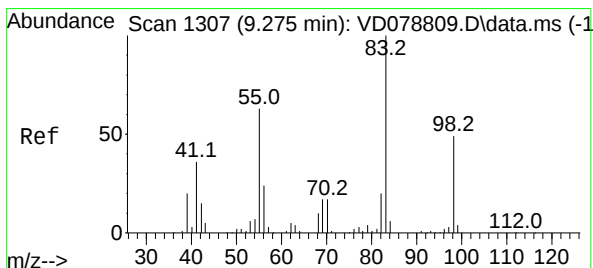
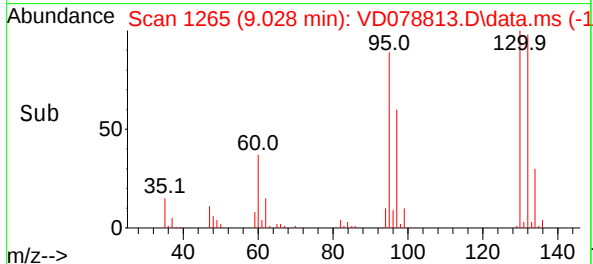
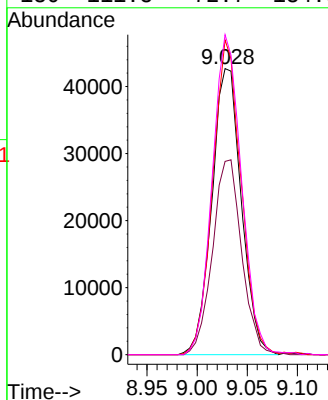
#34
Trichloroethene
Concen: 25.674 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 87366

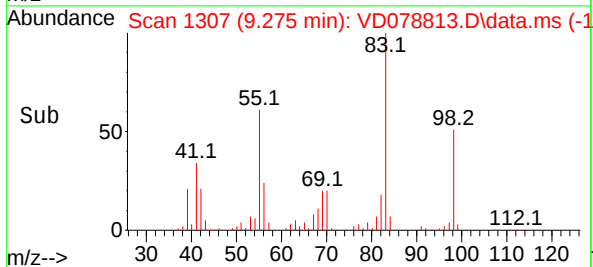
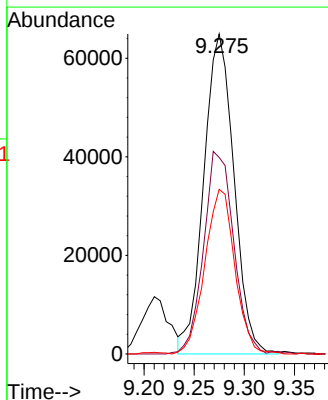
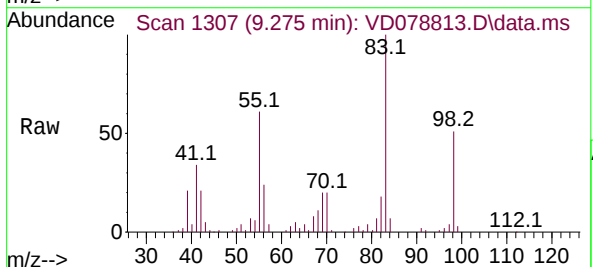
Ion	Ratio	Lower	Upper
95	100		
97	67.5	47.4	88.0
132	110.0	70.8	131.4
130	111.8	72.7	134.9

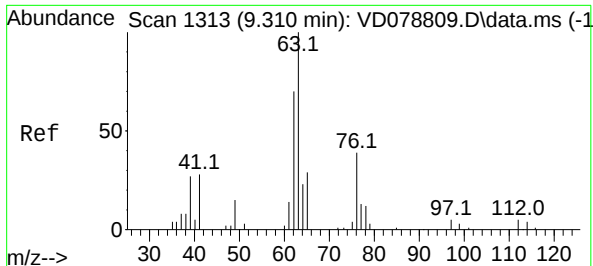


#35
Methylcyclohexane
Concen: 26.892 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 83 Resp: 135944

Ion	Ratio	Lower	Upper
83	100		
55	63.2	50.2	75.2
98	51.1	40.7	61.1

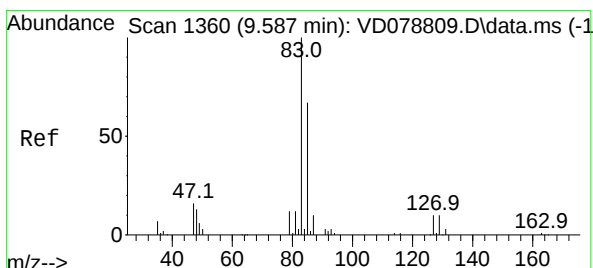
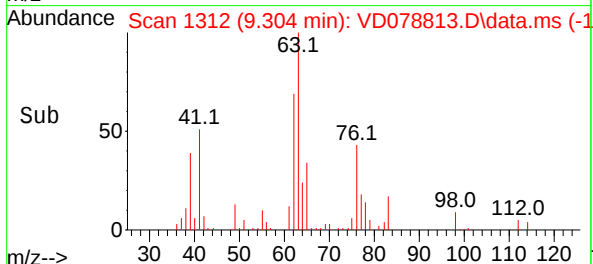
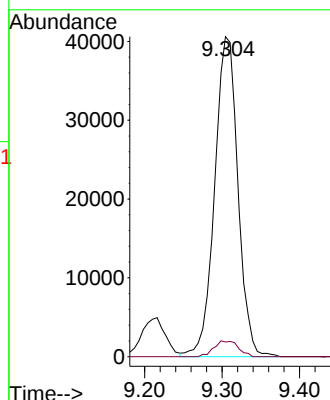
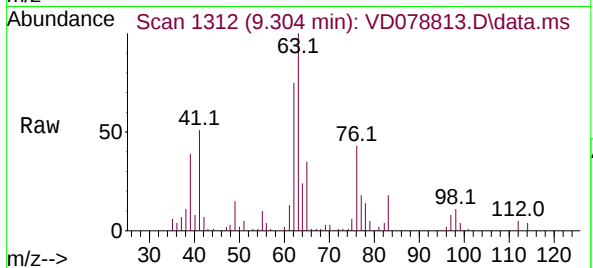




#37
1,2-Dichloropropane
Concen: 25.920 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

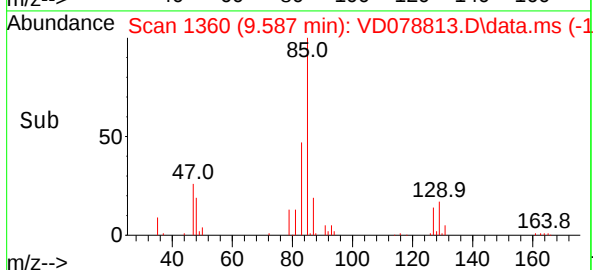
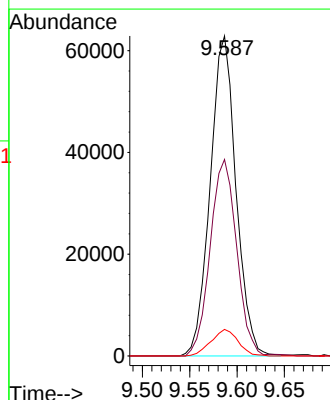
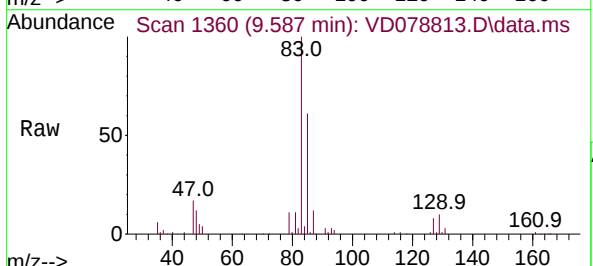
Instrument :
MSVOA_D
ClientSampleId :

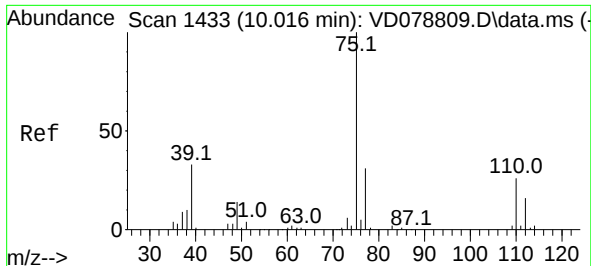
Tgt Ion: 63 Resp: 84778
Ion Ratio Lower Upper
63 100
112 2.8 4.3 6.5#



#38
Bromodichloromethane
Concen: 26.541 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 83 Resp: 119438
Ion Ratio Lower Upper
83 100
85 61.4 46.8 87.0
127 8.3 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 27.609 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

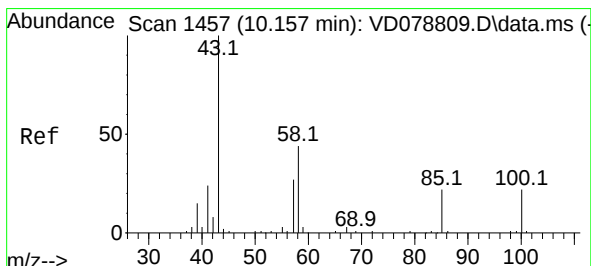
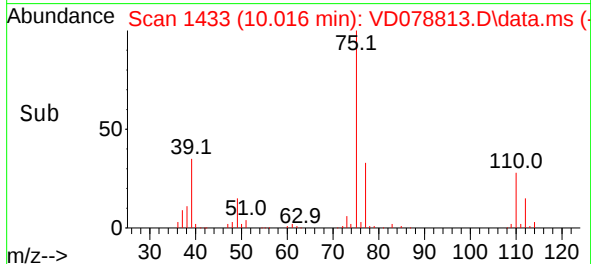
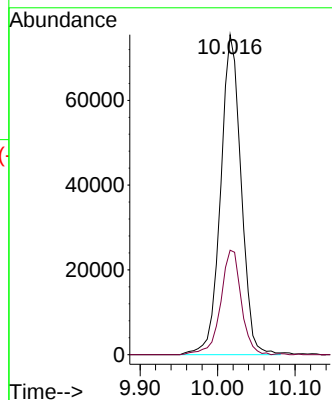
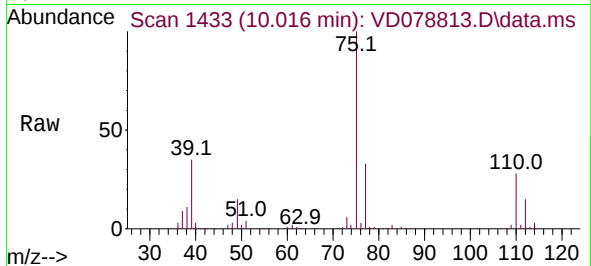
ClientSampleId :

Tgt Ion: 75 Resp: 138705

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 60.644 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

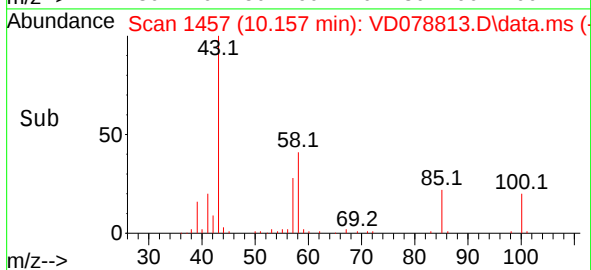
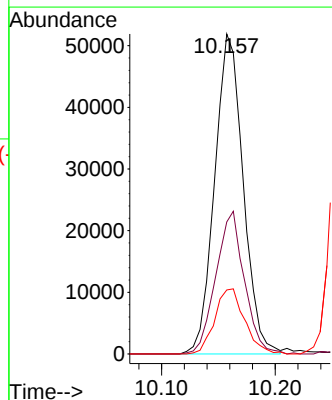
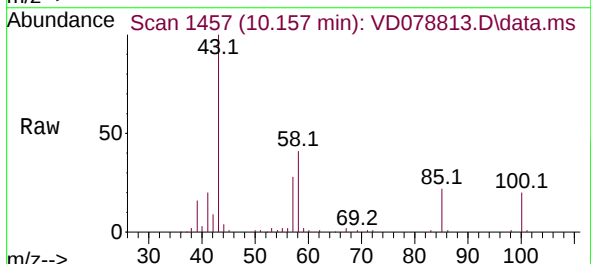
Tgt Ion: 43 Resp: 90600

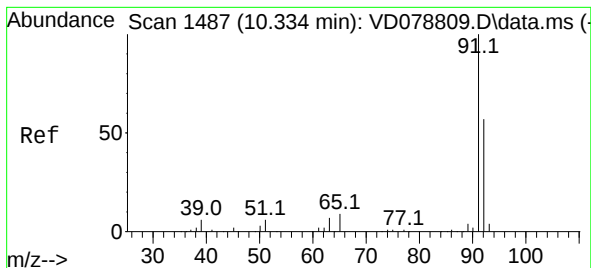
Ion Ratio Lower Upper

43 100

58 44.5 36.2 54.2

100 21.3 18.3 27.5





#42

Toluene

Concen: 27.209 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

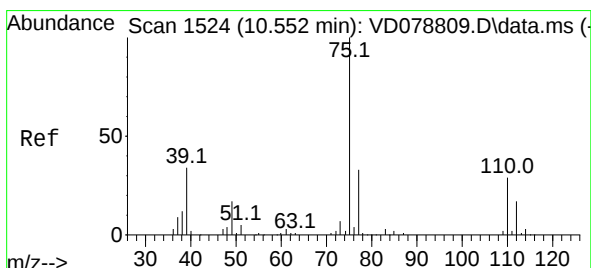
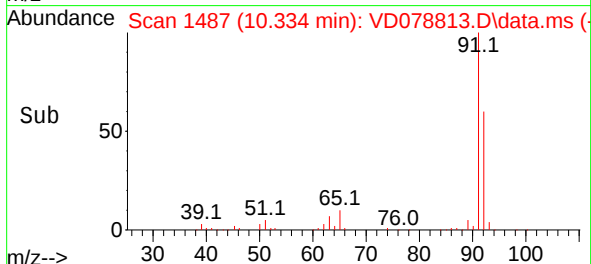
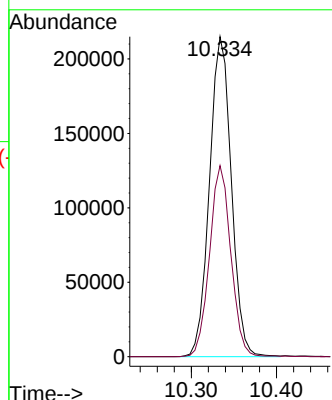
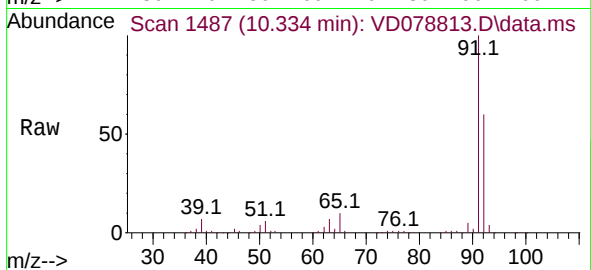
ClientSampleId :

Tgt Ion: 91 Resp: 384217

Ion Ratio Lower Upper

91 100

92 59.7 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 27.746 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078813.D

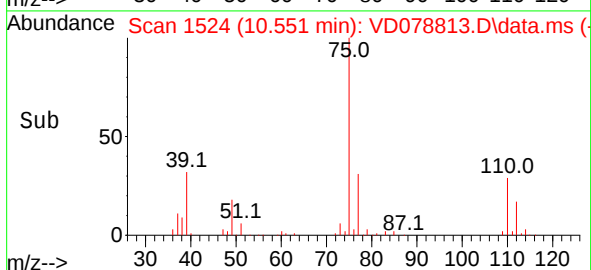
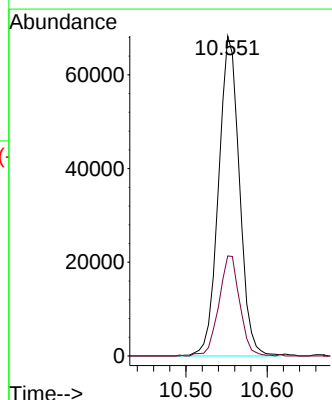
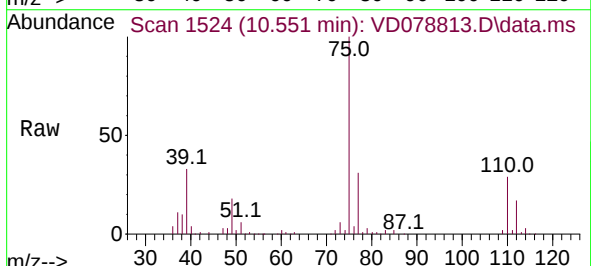
Acq: 11 Apr 2024 16:43

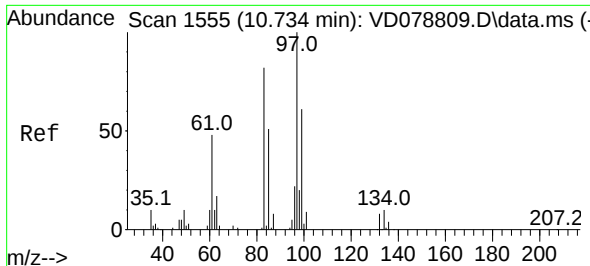
Tgt Ion: 75 Resp: 122147

Ion Ratio Lower Upper

75 100

77 31.2 23.4 43.4

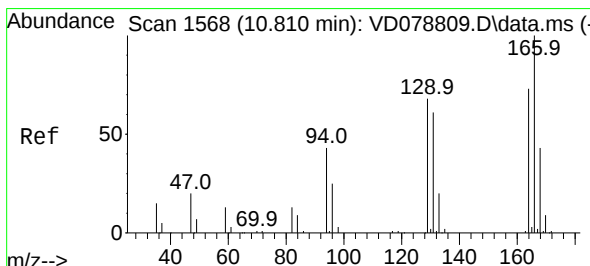
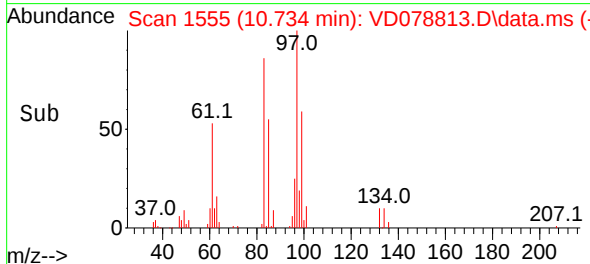
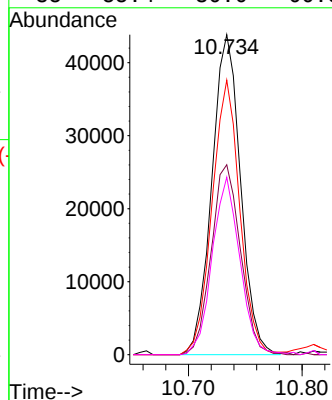
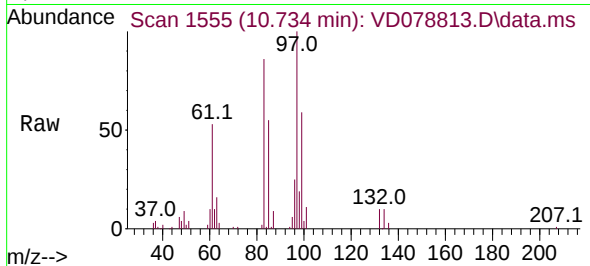




#45
1,1,2-Trichloroethane
Concen: 26.914 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

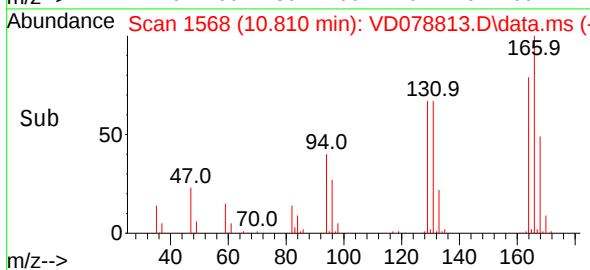
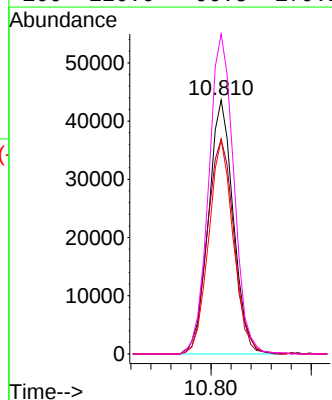
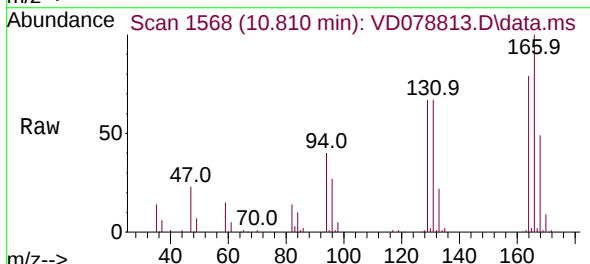
Instrument :
MSVOA_D
ClientSampleId :

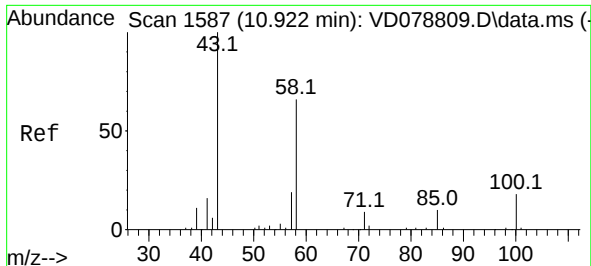
Tgt Ion: 97	Resp: 76871
Ion Ratio	Lower Upper
97 100	
99 59.4	42.6 79.2
83 85.8	58.0 107.6
85 55.4	36.0 66.8



#46
Tetrachloroethene
Concen: 26.376 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

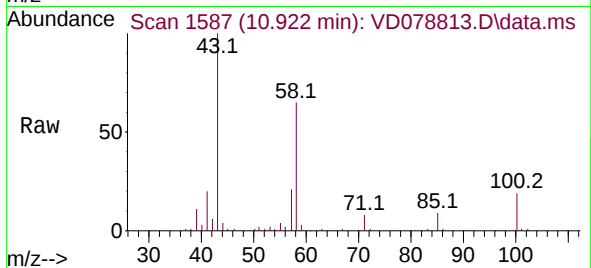
Tgt	Ion:164	Resp:	75159
Ion	Ratio	Lower	Upper
164	100		
129	84.6	65.3	121.3
131	84.4	58.4	108.6
166	126.0	96.5	179.1



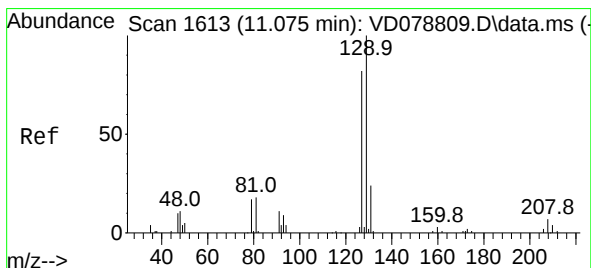
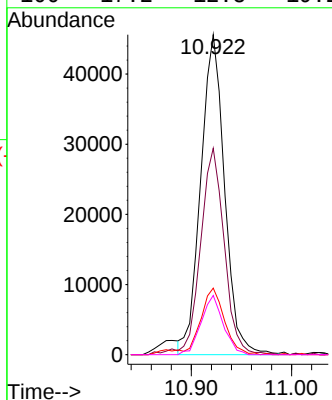
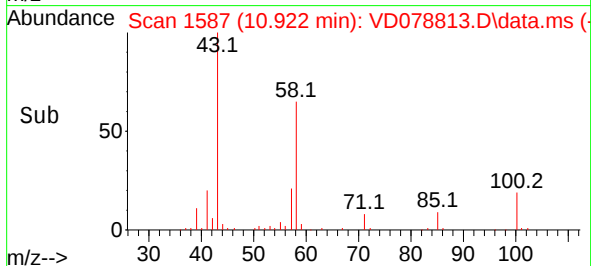


#48
2-Hexanone
Concen: 64.359 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Instrument :
MSVOA_D
ClientSampleId :

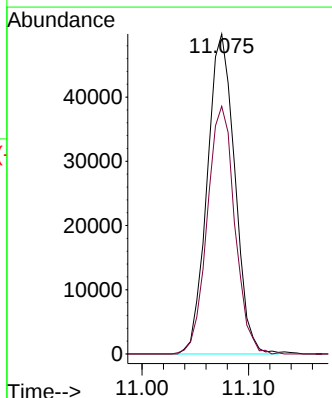
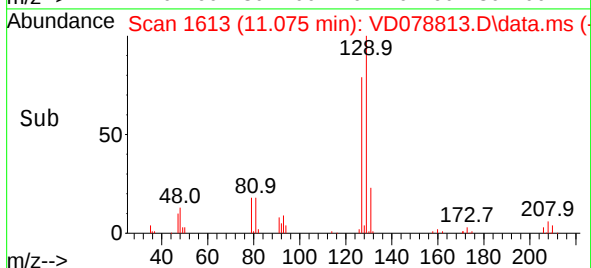
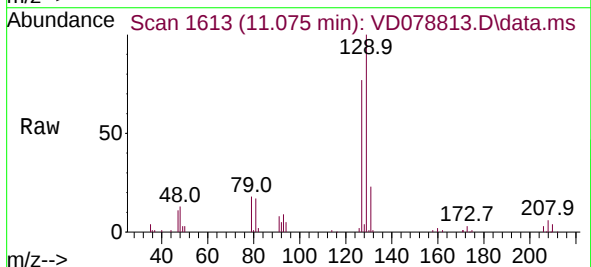


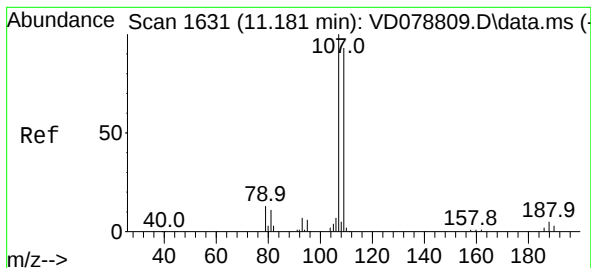
Tgt	Ion: 43	Resp:	75673
Ion	Ratio	Lower	Upper
43	100		
58	63.2	50.3	75.5
57	20.4	16.5	24.7
100	17.2	12.8	19.2



#49
Dibromochloromethane
Concen: 27.112 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion:129	Resp:	89665	
Ion	Ratio	Lower	Upper
129	100		
127	77.4	57.1	106.1





#50

1,2-Dibromoethane

Concen: 27.175 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078813.D

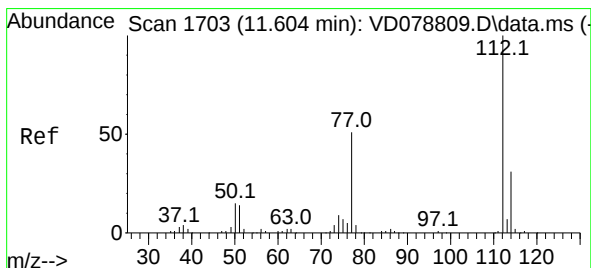
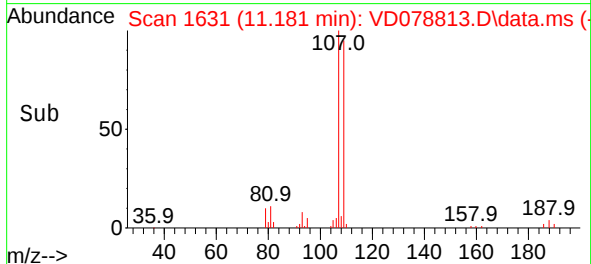
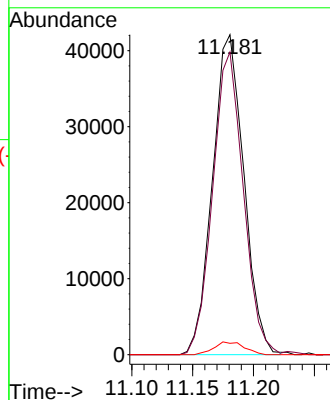
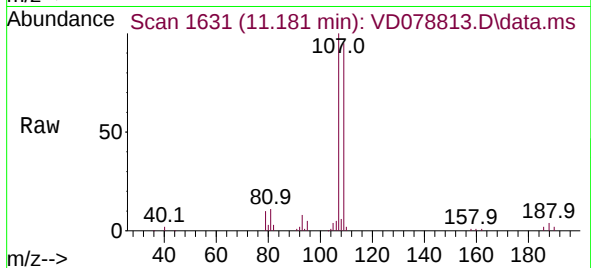
Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	75428
Ion	Ratio	Lower Upper
107	100	
109	94.6	64.8 120.4
188	3.5	3.6 5.4#



#51

Chlorobenzene

Concen: 26.230 ug/L

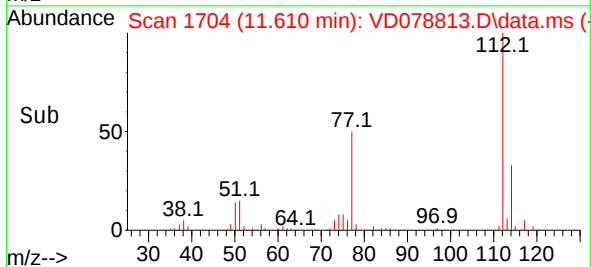
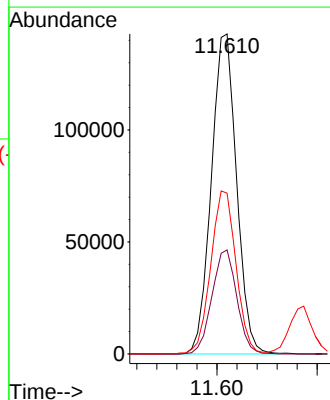
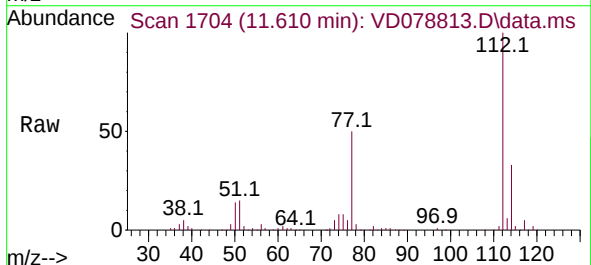
RT: 11.610 min Scan# 1704

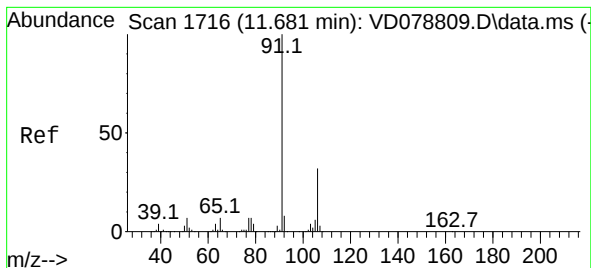
Delta R.T. 0.006 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Tgt Ion:112	Resp:	249829
Ion	Ratio	Lower Upper
112	100	
114	32.5	21.7 40.3
77	50.2	41.0 61.6





#52

Ethylbenzene

Concen: 27.471 ug/L

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

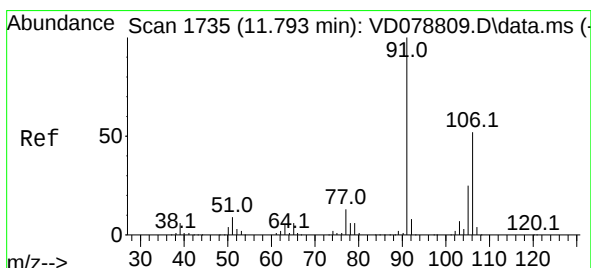
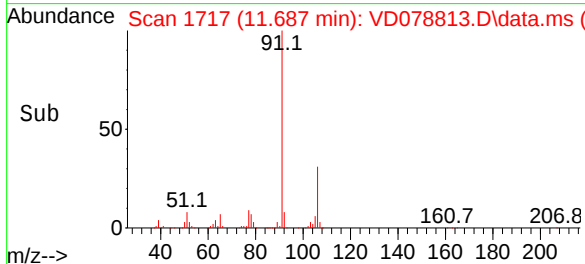
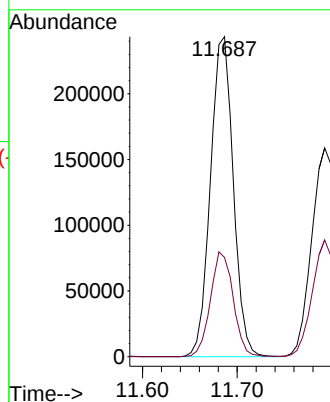
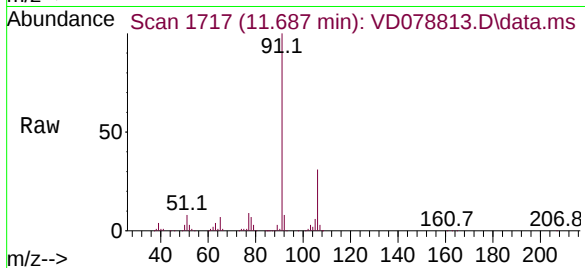
ClientSampleId :

Tgt Ion: 91 Resp: 407879

Ion Ratio Lower Upper

91 100

106 31.0 22.3 41.3



#53

m,p-Xylene

Concen: 27.768 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078813.D

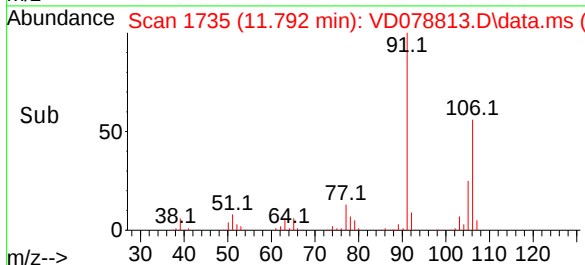
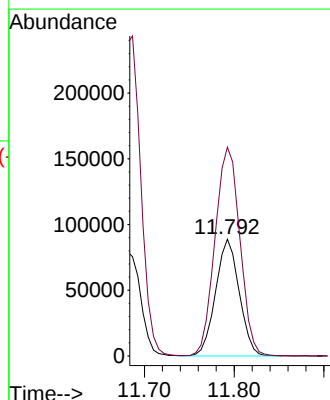
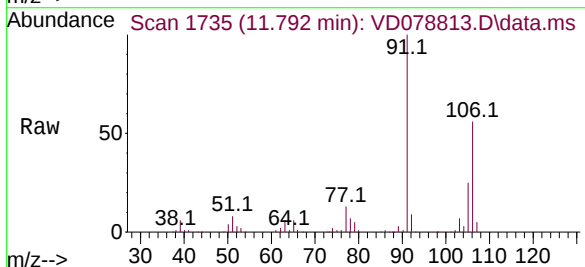
Acq: 11 Apr 2024 16:43

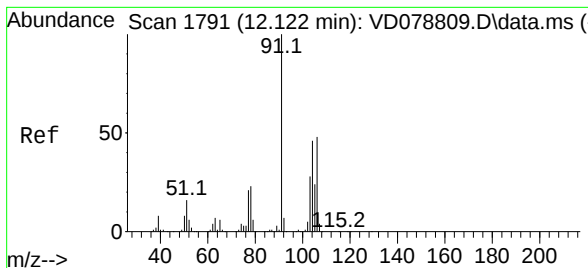
Tgt Ion:106 Resp: 162408

Ion Ratio Lower Upper

106 100

91 178.7 134.4 249.6

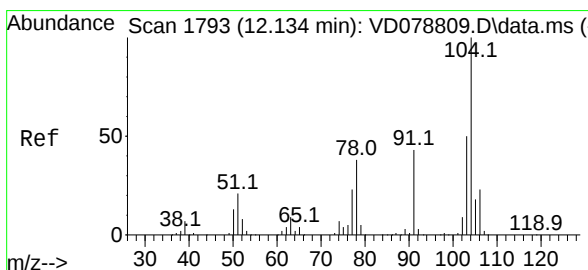
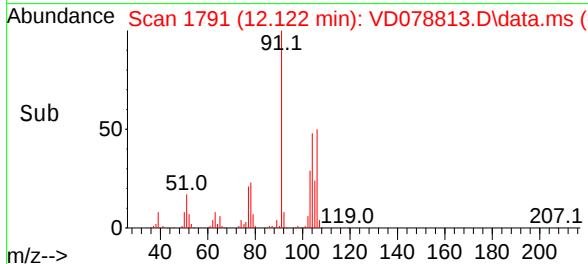
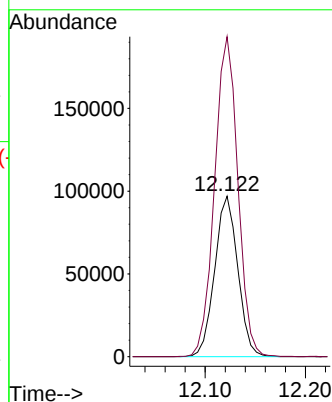
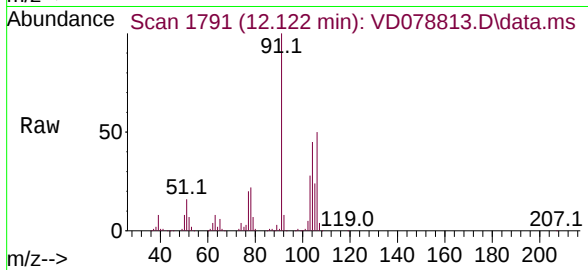




#54
o-Xylene
Concen: 27.360 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

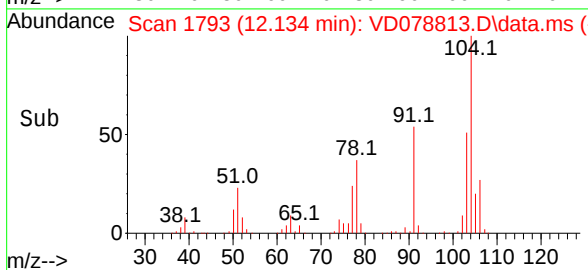
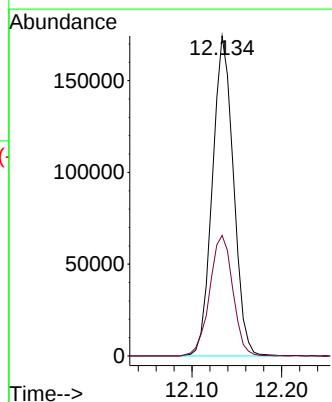
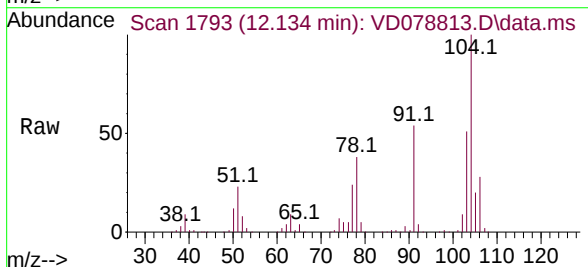
Instrument :
MSVOA_D
ClientSampleId :

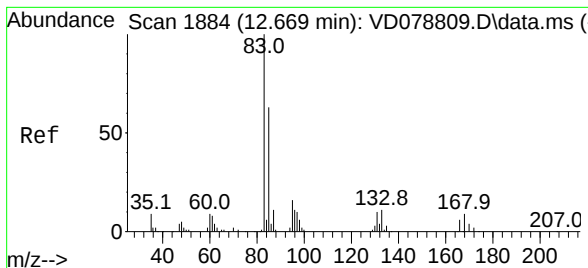
Tgt Ion:106 Resp: 154682
Ion Ratio Lower Upper
106 100
91 199.4 146.2 271.6



#55
Styrene
Concen: 28.035 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion:104 Resp: 284059
Ion Ratio Lower Upper
104 100
78 37.6 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.406 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078813.D

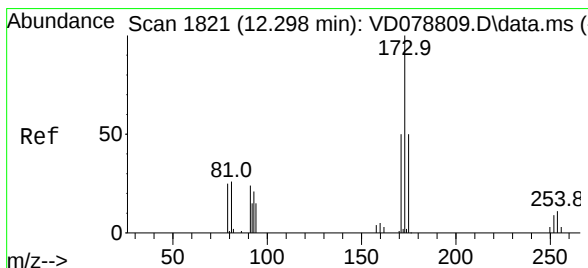
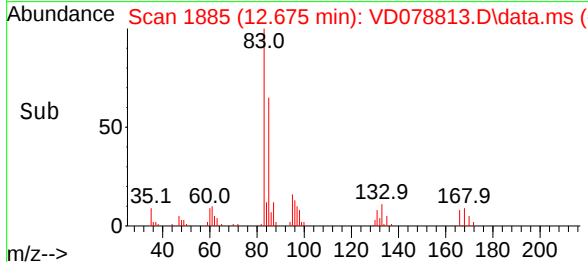
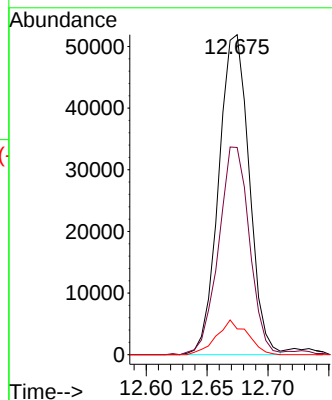
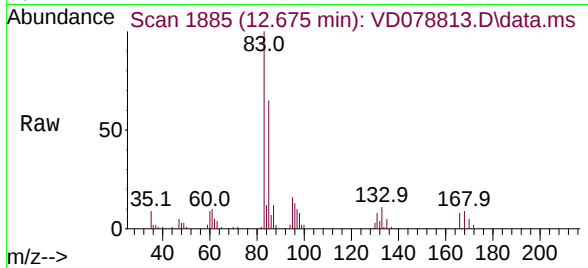
Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	90360
Ion Ratio	Lower	Upper	
83	100		
85	64.7	44.5	82.7
131	8.1	8.1	12.1#



#59

Bromoform

Concen: 26.396 ug/L

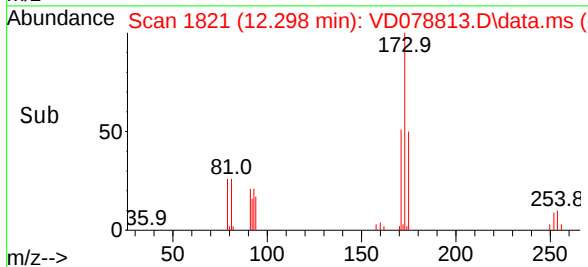
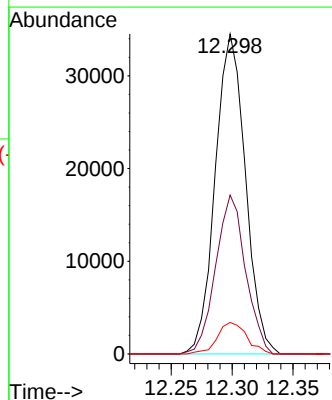
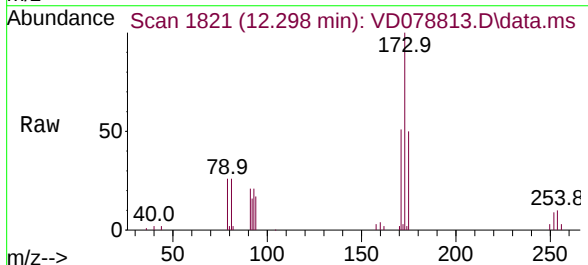
RT: 12.298 min Scan# 1821

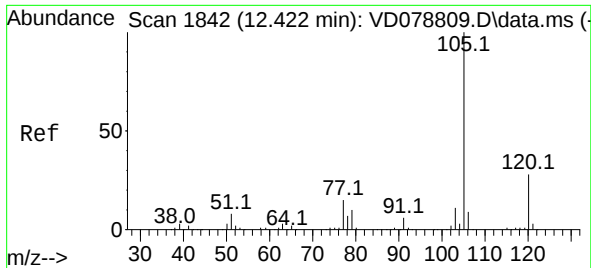
Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Tgt Ion:	173	Resp:	59515
Ion Ratio	Lower	Upper	
173	100		
175	49.2	39.0	58.6
254	9.7	7.7	11.5

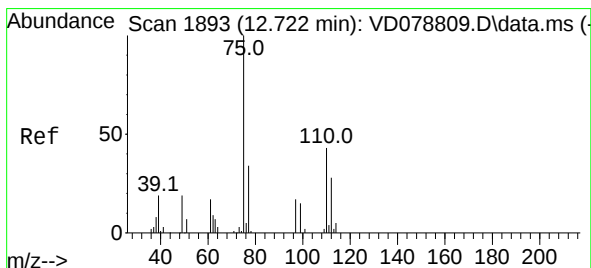
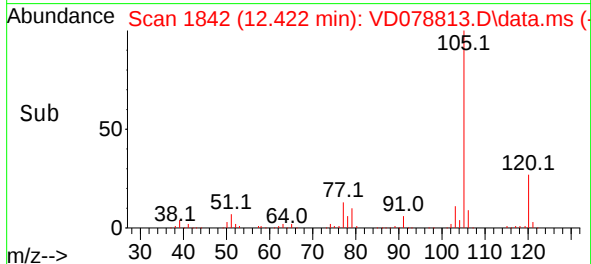
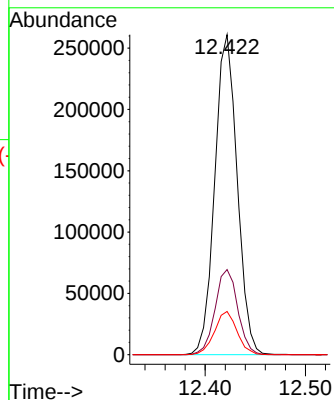
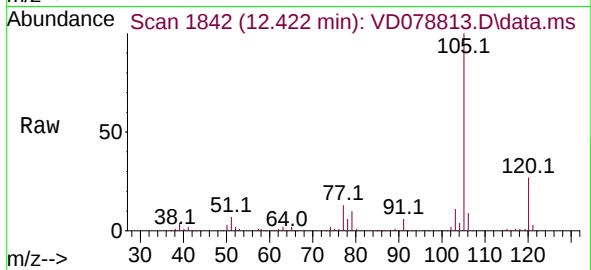




#60
Isopropylbenzene
Concen: 27.754 ug/L
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

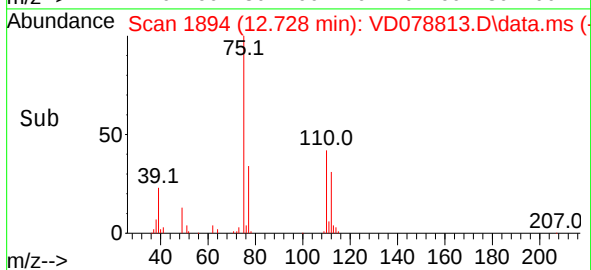
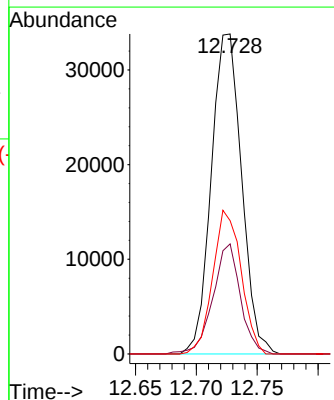
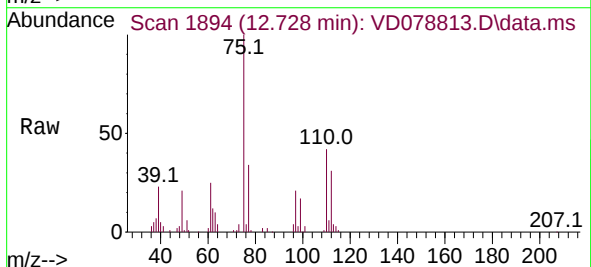
Instrument :
MSVOA_D
ClientSampleId :

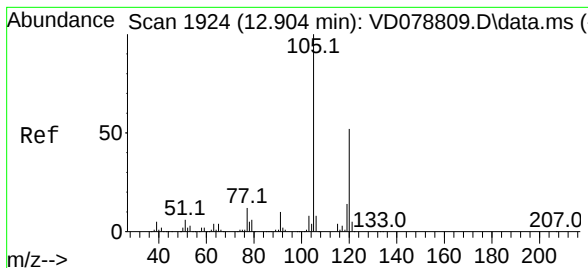
Tgt Ion:105 Resp: 403990
Ion Ratio Lower Upper
105 100
120 26.9 21.6 32.4
77 13.6 11.4 17.2



#61
1,2,3-Trichloropropane
Concen: 27.570 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion: 75 Resp: 58532
Ion Ratio Lower Upper
75 100
77 31.2 26.9 40.3
110 42.0 34.6 51.8

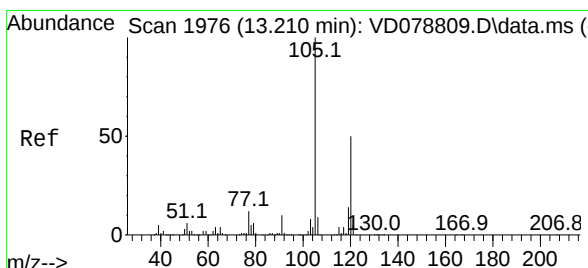
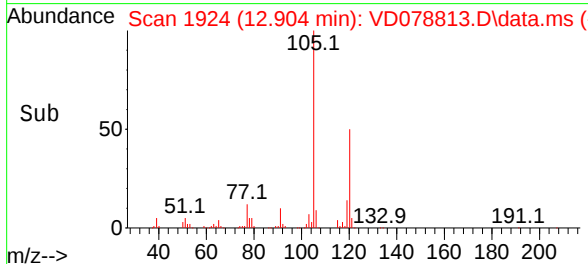
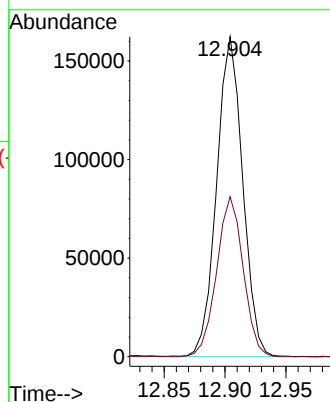
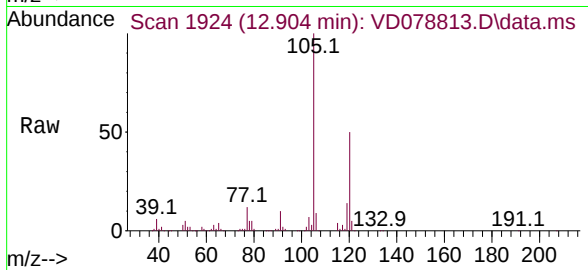




#62
1,3,5-Trimethylbenzene
Concen: 27.421 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

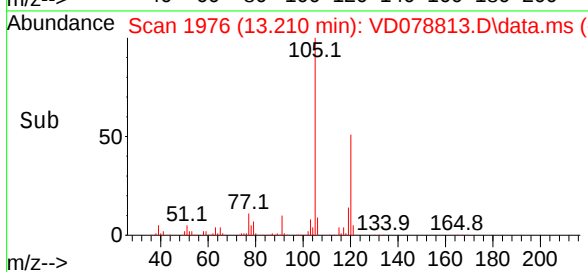
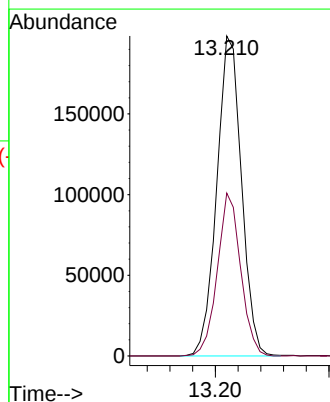
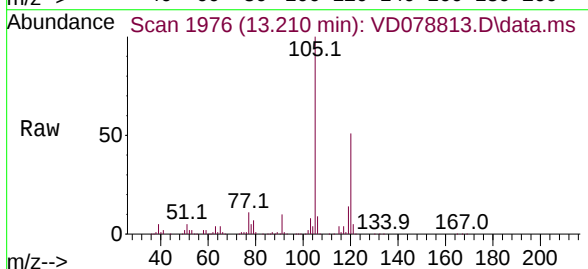
Instrument :
MSVOA_D
ClientSampleId :

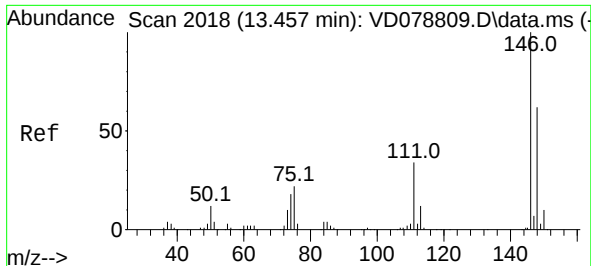
Tgt Ion:105 Resp: 241959
Ion Ratio Lower Upper
105 100
120 50.8 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 27.689 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion:105 Resp: 299823
Ion Ratio Lower Upper
105 100
120 48.0 38.6 57.8

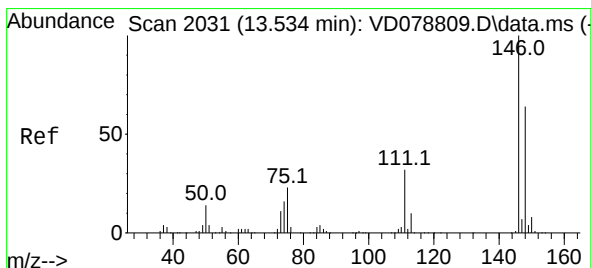
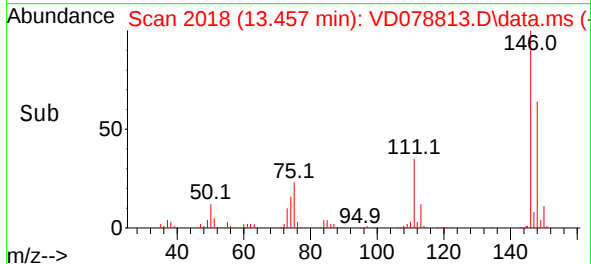
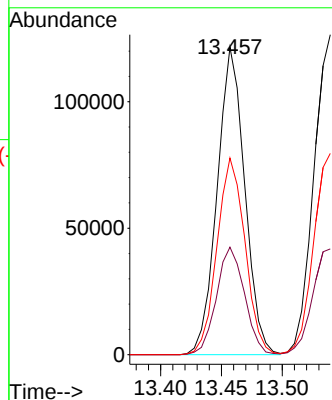
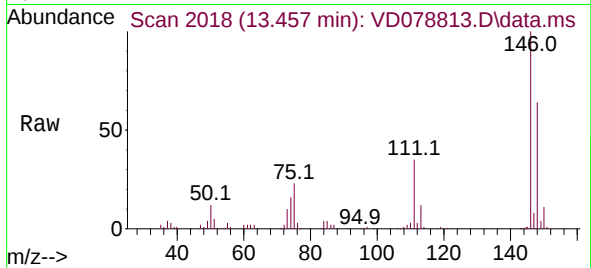




#64
1,3-Dichlorobenzene
Concen: 26.449 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

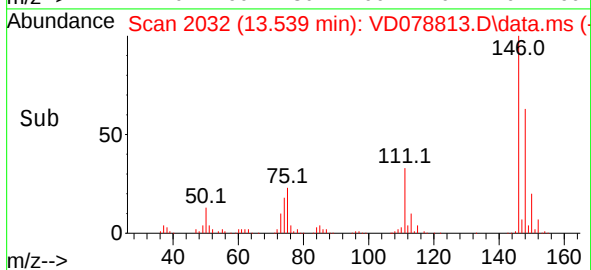
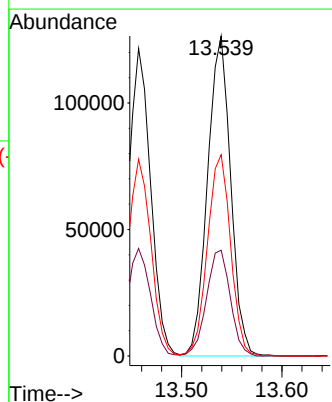
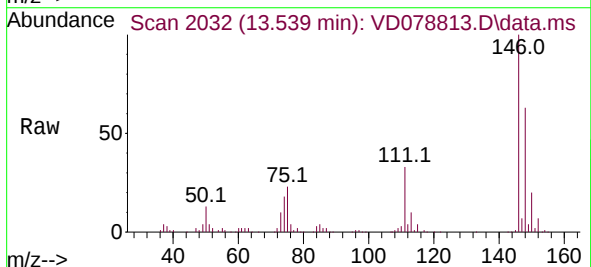
Instrument :
MSVOA_D
ClientSampleId :

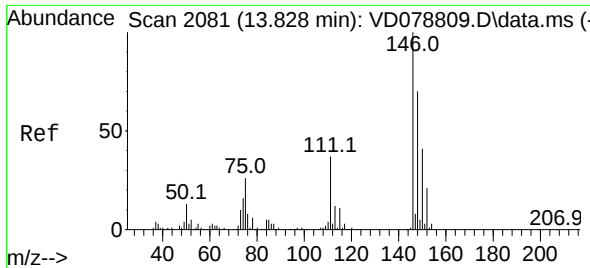
Tgt Ion:146 Resp: 191613
Ion Ratio Lower Upper
146 100
111 35.0 23.7 44.1
148 64.0 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 26.444 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion:146 Resp: 202598
Ion Ratio Lower Upper
146 100
111 33.1 22.7 42.3
148 62.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 26.030 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :

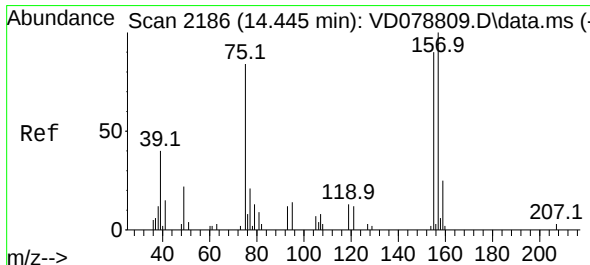
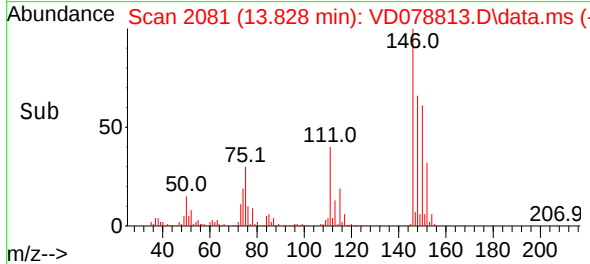
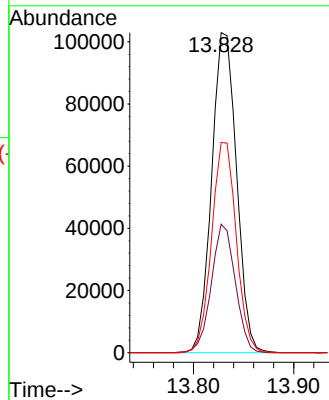
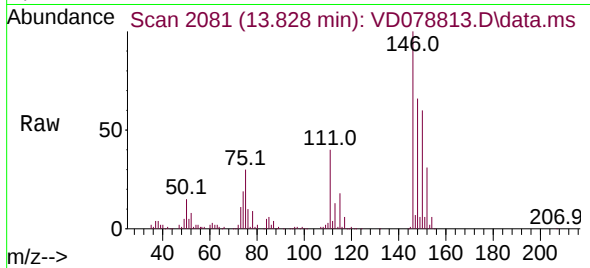
Tgt Ion:146 Resp: 177645

Ion Ratio Lower Upper

146 100

111 40.1 29.5 44.3

148 65.7 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.695 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

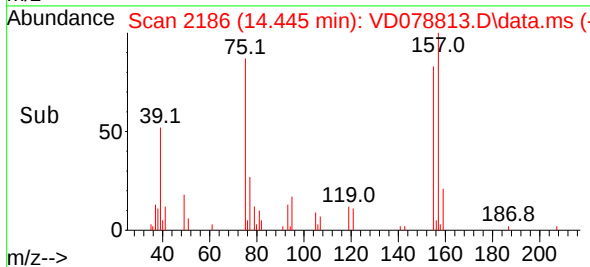
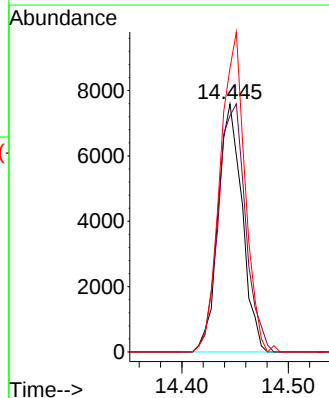
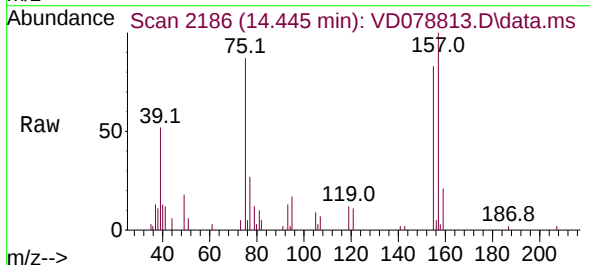
Tgt Ion: 75 Resp: 11937

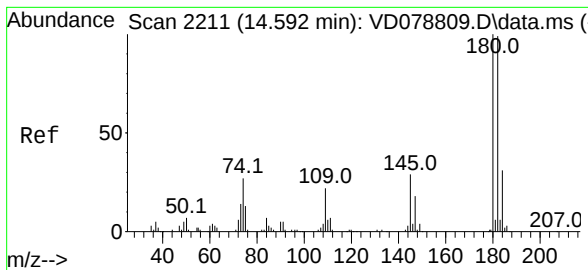
Ion Ratio Lower Upper

75 100

155 95.3 85.3 127.9

157 114.3 94.7 142.1





#69

1,3,5-Trichlorobenzene

Concen: 25.390 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

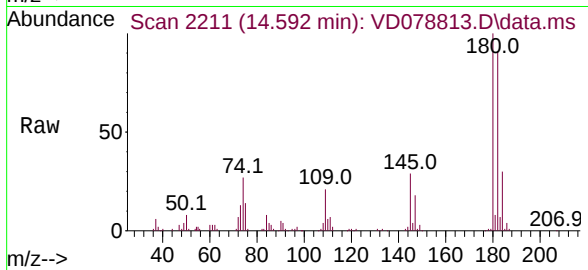
Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 118288

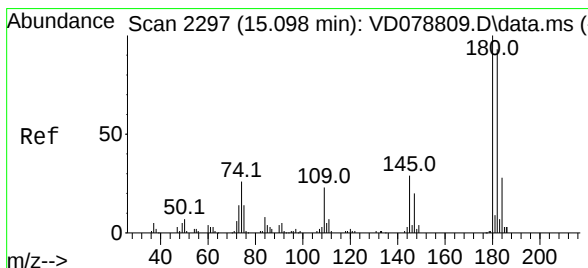
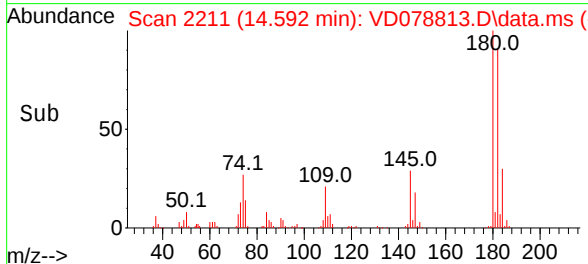
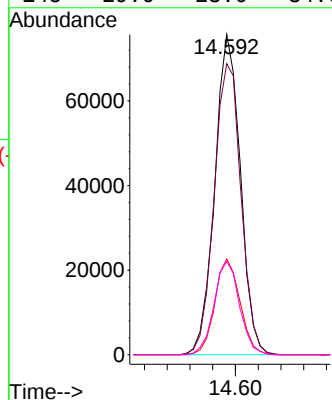
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

184 29.3 24.5 36.7

145 29.0 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 26.493 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078813.D

Acq: 11 Apr 2024 16:43

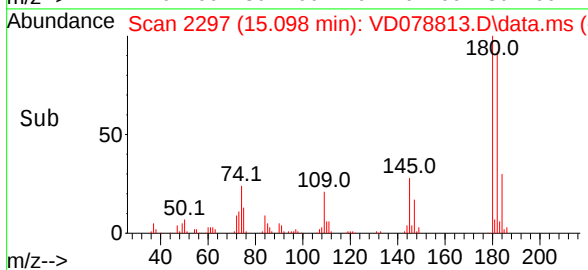
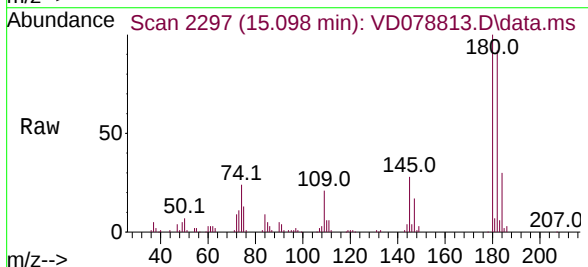
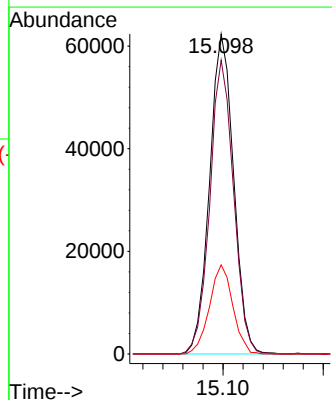
Tgt Ion:180 Resp: 104086

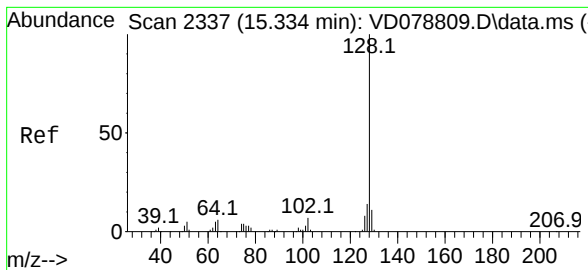
Ion Ratio Lower Upper

180 100

182 90.3 74.7 112.1

145 27.0 22.6 33.8



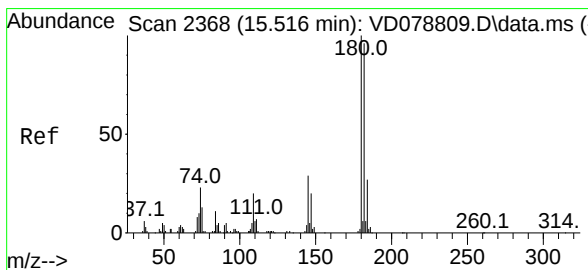
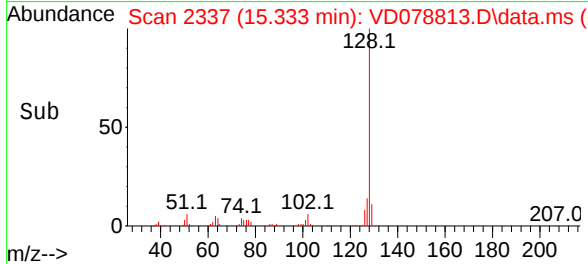
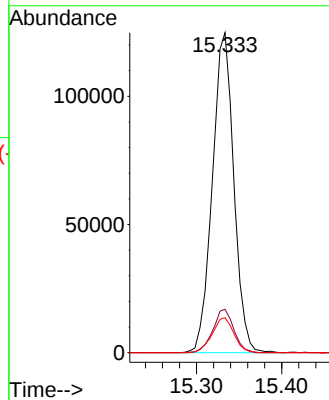
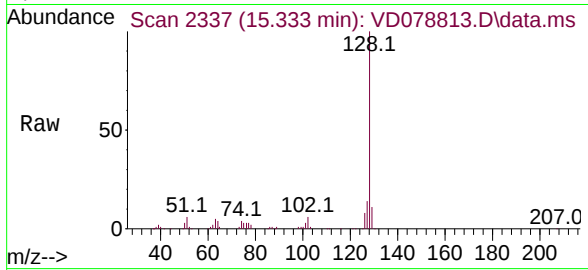


#71
Naphthalene
Concen: 28.617 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 218234

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.655 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078813.D
Acq: 11 Apr 2024 16:43

Tgt Ion:180 Resp: 95885

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.1	117.1
145	30.0	24.4	36.6

