

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078966.D
 Acq On : 17 May 2024 17:26
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 01:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:53:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	141332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	147052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81495	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	90399	26.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.360%
7) Chloroethane-d5	2.799	69	103402	27.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.520%
11) 1,1-Dichloroethene-d2	3.917	65	16473	24.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.480%
21) 2-Butanone-d5	6.987	46	28381	57.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
24) Chloroform-d	7.569	84	109293	25.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.920%
26) 1,2-Dichloroethane-d4	8.228	65	53641	26.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	8.199	84	209047	27.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.440%
36) 1,2-Dichloropropane-d6	9.210	67	62602	27.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.520%
41) Toluene-d8	10.269	98	189262	27.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.440%
43) trans-1,3-Dichloroprop...	10.522	79	28380	26.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.800%
47) 2-Hexanone-d5	10.875	63	25020	54.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.220%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	71897	27.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	13.810	152	72127	26.076	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.320%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	61032	21.583	ug/L	99
3) Chloromethane	2.146	50	77026	22.199	ug/L	94
5) Vinyl chloride	2.281	62	123845	21.815	ug/L	99
6) Bromomethane	2.693	94	89266	21.988	ug/L	91
8) Chloroethane	2.834	64	98692	22.510	ug/L	95
9) Trichlorofluoromethane	3.175	101	118901	26.855	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	63564	22.648	ug/L	96
12) 1,1-Dichloroethene	3.934	96	52011	21.283	ug/L	94
13) Acetone	4.022	43	24406	41.199	ug/L	98
14) Carbon disulfide	4.269	76	136697	19.303	ug/L	99
15) Methyl Acetate	4.564	43	21841	22.692	ug/L	100
16) Methylene chloride	4.799	84	68499	20.461	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	55336	22.239	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	130211	24.562	ug/L #	93
19) 1,1-Dichloroethane	6.105	63	99836	23.888	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	68384	24.095	ug/L	91
22) 2-Butanone	7.075	43	15854	23.278	ug/L #	35
23) Bromochloromethane	7.422	128	33642	23.723	ug/L #	93
25) Chloroform	7.593	83	119520	23.793	ug/L	94

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 Response via : Initial Calibration

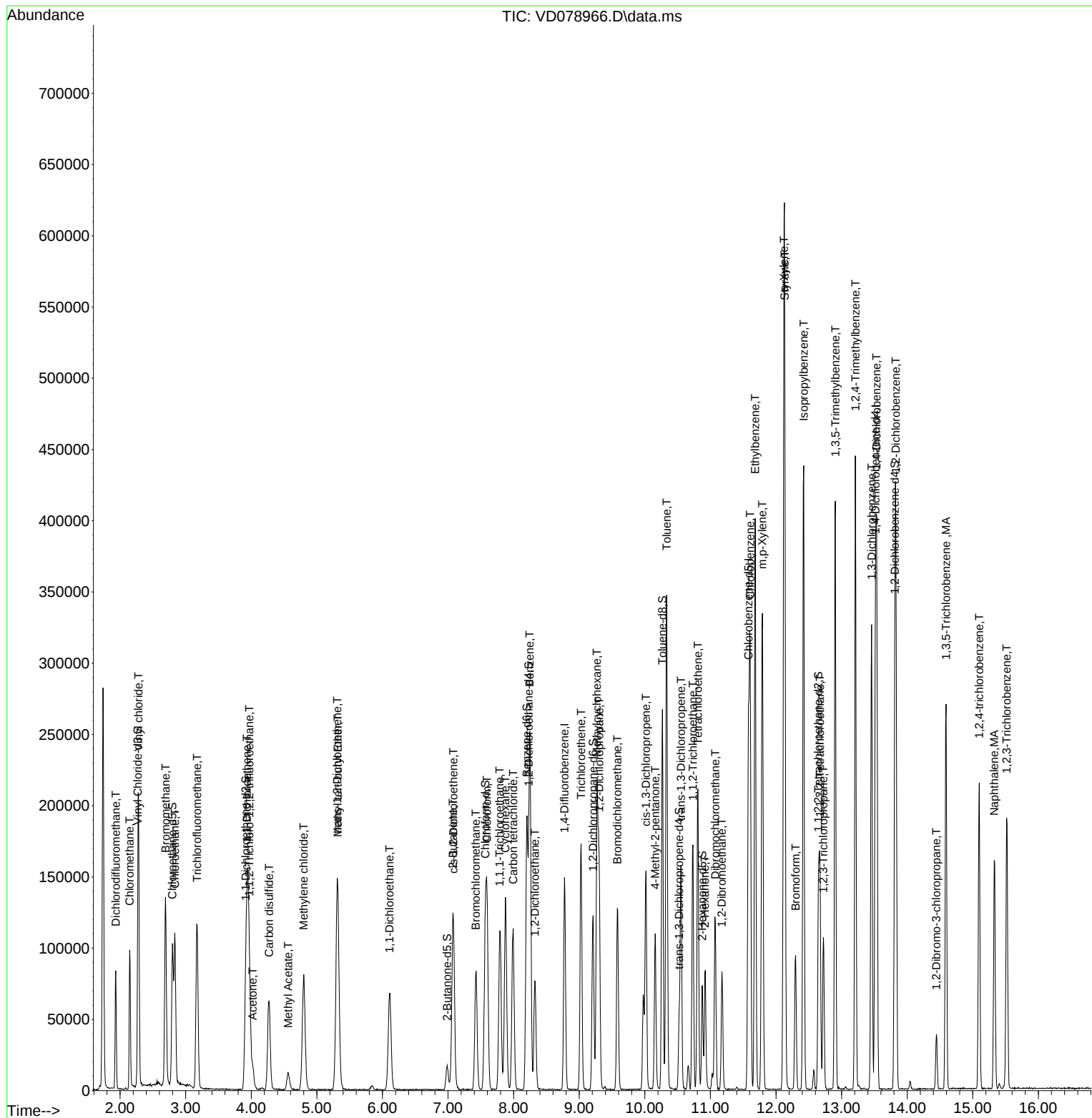
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	68538	23.556	ug/L	98
29) Cyclohexane	7.875	56	65604	23.213	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	96048	23.608	ug/L	100
31) Carbon tetrachloride	7.993	117	88922	23.737	ug/L	95
33) Benzene	8.246	78	245463	24.352	ug/L	100
34) Trichloroethene	9.028	95	61978	23.867	ug/L	97
35) Methylcyclohexane	9.269	83	89294	22.872	ug/L	99
37) 1,2-Dichloropropane	9.304	63	63437	24.834	ug/L	100
38) Bromodichloromethane	9.581	83	90128	24.951	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	97097	24.230	ug/L	90
40) 4-Methyl-2-pentanone	10.157	43	65576	50.822	ug/L	97
42) Toluene	10.334	91	277981	25.084	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	89595	25.290	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	57426	24.584	ug/L	86
46) Tetrachloroethene	10.810	164	50143	22.442	ug/L	95
48) 2-Hexanone	10.916	43	49475	49.462	ug/L	97
49) Dibromochloromethane	11.075	129	65874	23.196	ug/L	97
50) 1,2-Dibromoethane	11.175	107	55292	25.059	ug/L #	92
51) Chlorobenzene	11.604	112	184518	23.568	ug/L	97
52) Ethylbenzene	11.681	91	291685	24.387	ug/L	97
53) m,p-Xylene	11.793	106	116010	24.245	ug/L	100
54) o-Xylene	12.122	106	112011	24.035	ug/L	98
55) Styrene	12.134	104	214996	26.106	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	69641	24.581	ug/L	96
59) Bromoform	12.298	173	44135	23.929	ug/L	98
60) Isopropylbenzene	12.422	105	296592	24.617	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	45224	24.209	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	222061	24.935	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	224699	24.830	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	140661	24.039	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	148379	23.520	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	133144	24.041	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	9083	23.342	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	90272	23.754	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	71760	22.305	ug/L	99
71) Naphthalene	15.328	128	148708	22.655	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	69040	22.959	ug/L	98

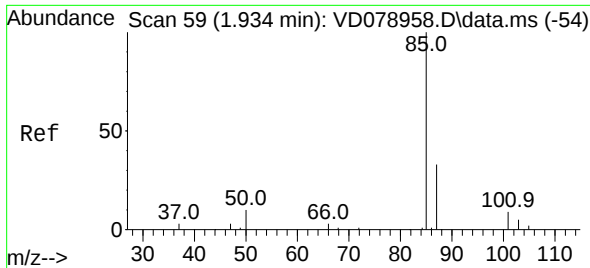
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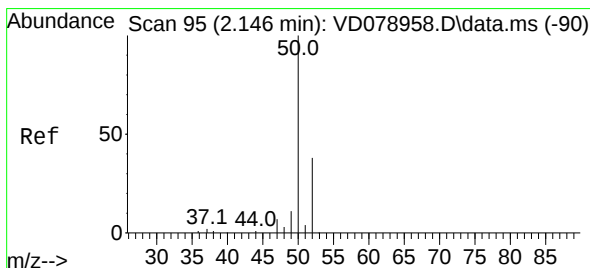
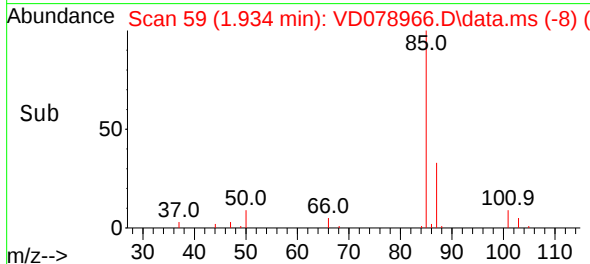
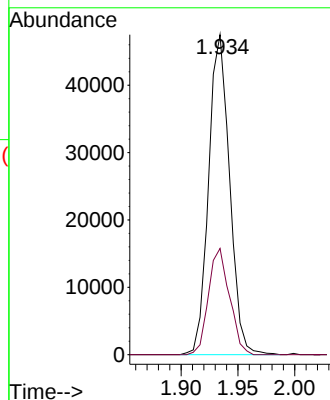
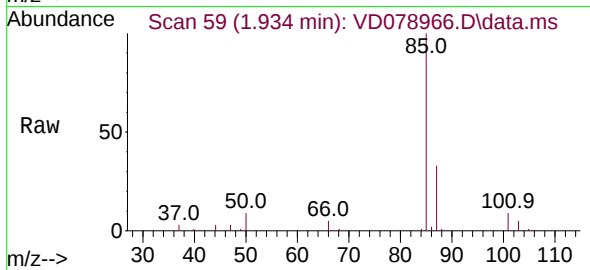




#2
 Dichlorodifluoromethane
 Concen: 21.583 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078966.D
 Acq: 17 May 2024 17:26

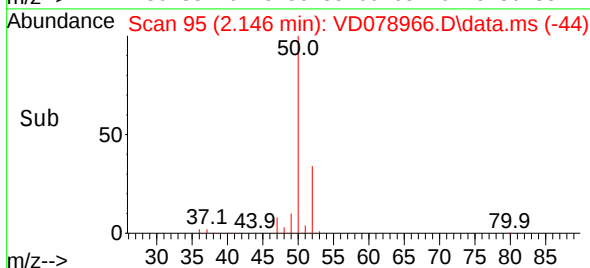
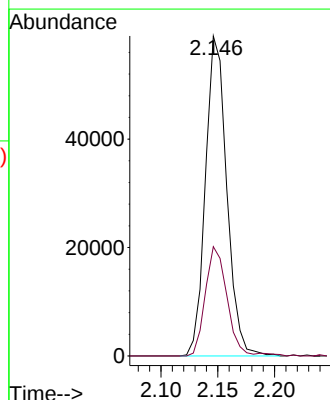
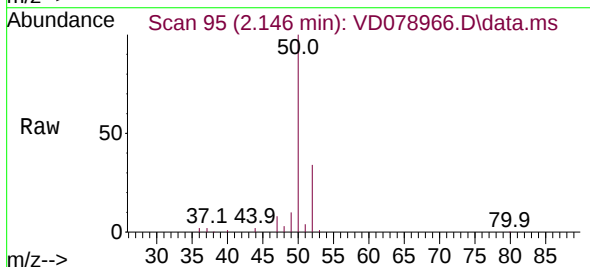
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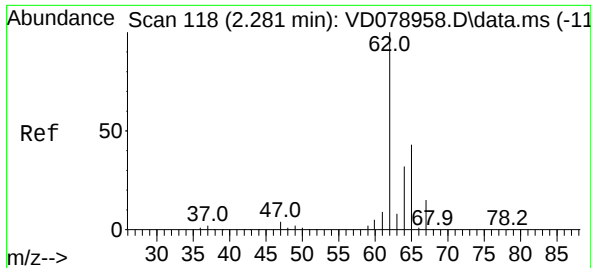
Tgt Ion: 85 Resp: 61032
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.3 39.5



#3
 Chloromethane
 Concen: 22.199 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD078966.D
 Acq: 17 May 2024 17:26

Tgt Ion: 50 Resp: 77026
 Ion Ratio Lower Upper
 50 100
 52 34.2 26.5 49.3

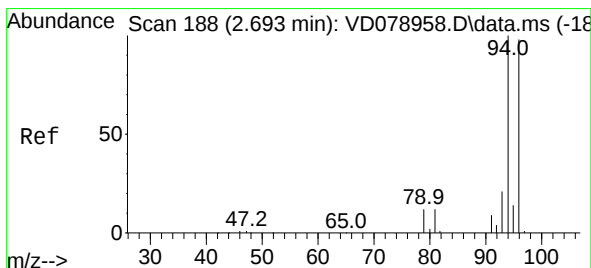
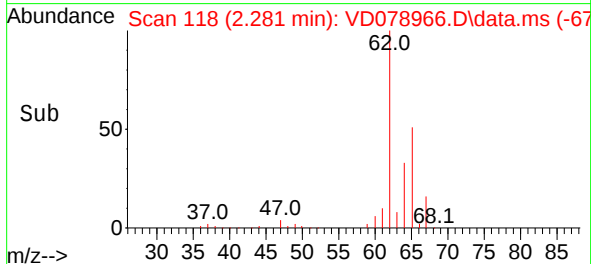
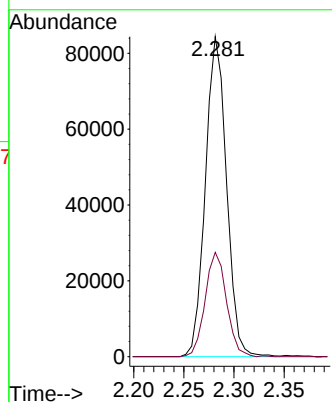
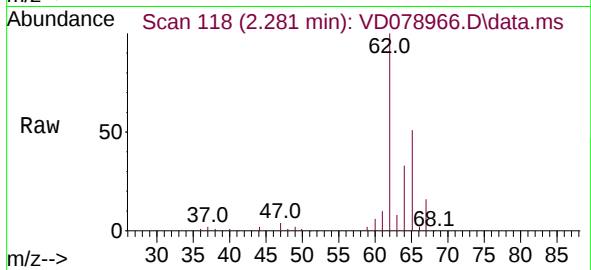




#5
 Vinyl chloride
 Concen: 21.815 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078966.D
 Acq: 17 May 2024 17:26

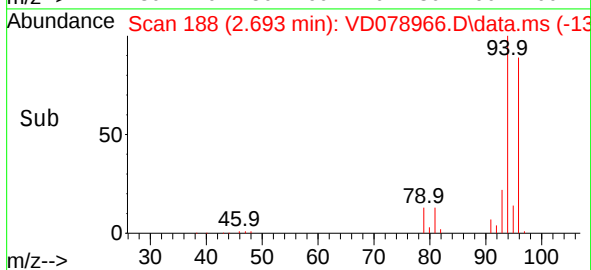
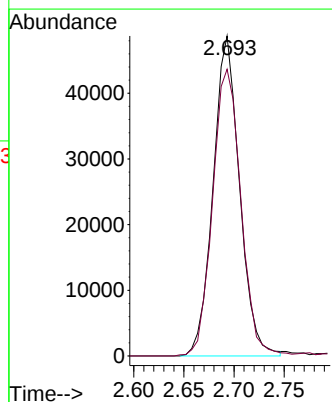
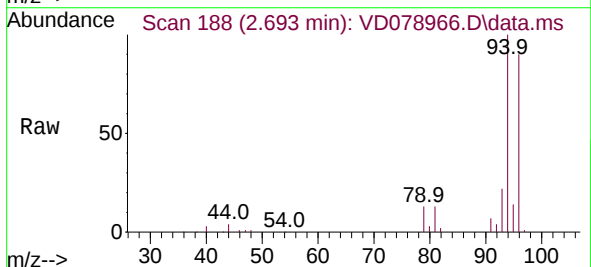
Instrument :
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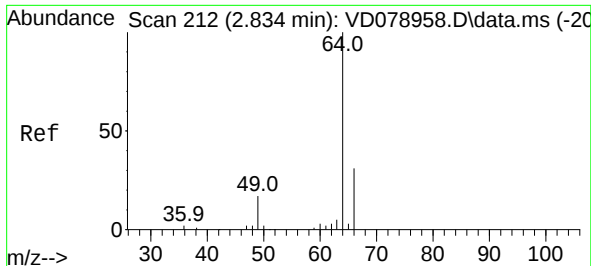
Tgt Ion: 62 Resp: 123845
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.3 41.3



#6
 Bromomethane
 Concen: 21.988 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD078966.D
 Acq: 17 May 2024 17:26

Tgt Ion: 94 Resp: 89266
 Ion Ratio Lower Upper
 94 100
 96 89.6 69.0 128.1

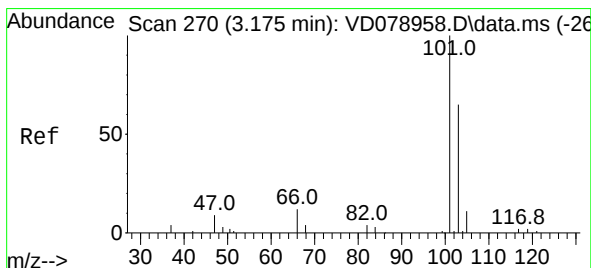
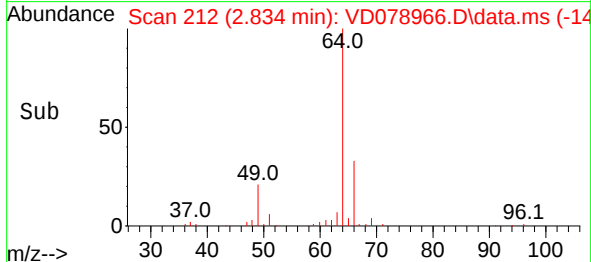
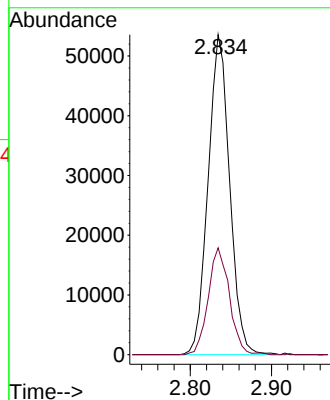
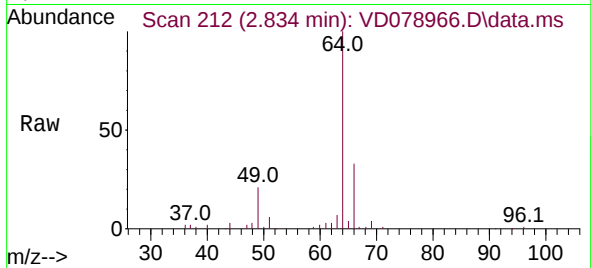




#8
Chloroethane
Concen: 22.510 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

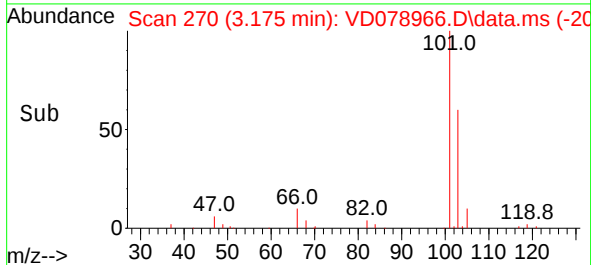
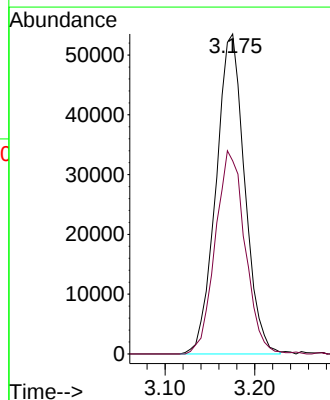
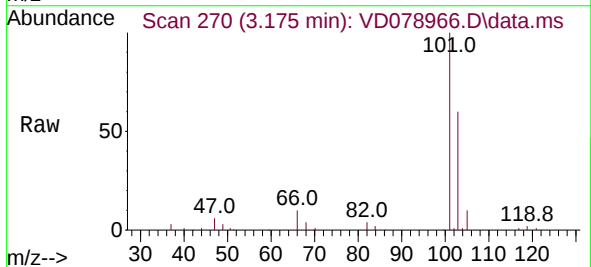
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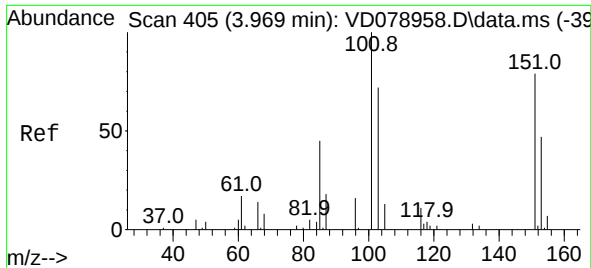
Tgt Ion: 64 Resp: 98692
Ion Ratio Lower Upper
64 100
66 33.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 26.855 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion:101 Resp: 118901
Ion Ratio Lower Upper
101 100
103 65.7 51.9 77.9

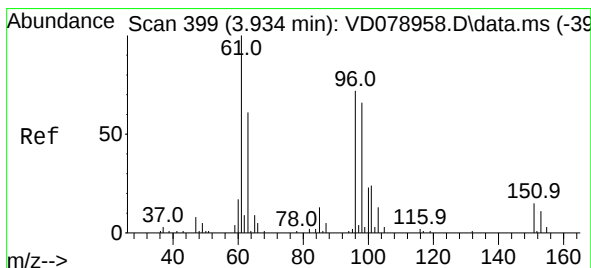
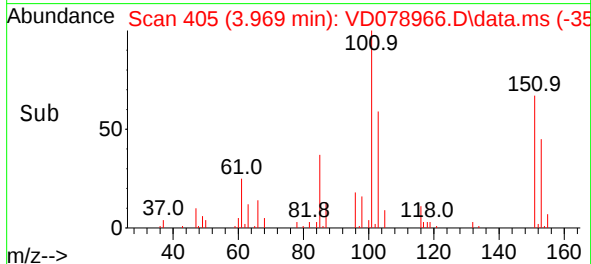
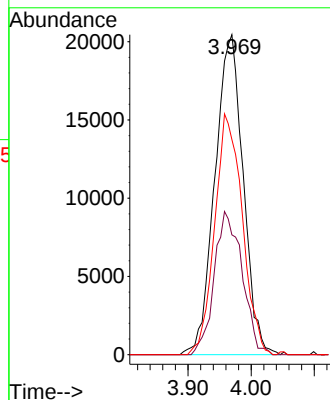
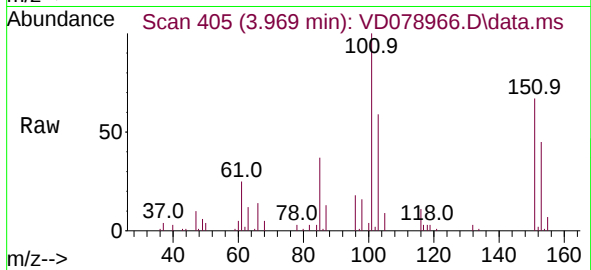




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.648 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD078966.D
 Acq: 17 May 2024 17:26

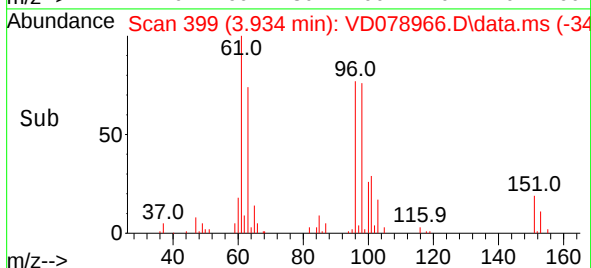
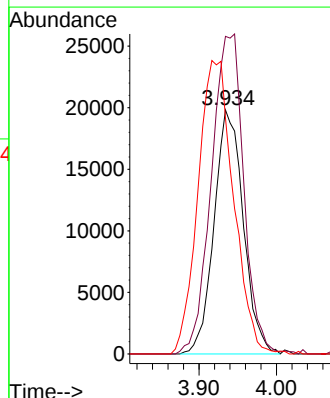
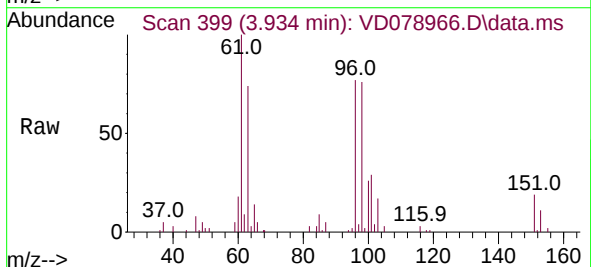
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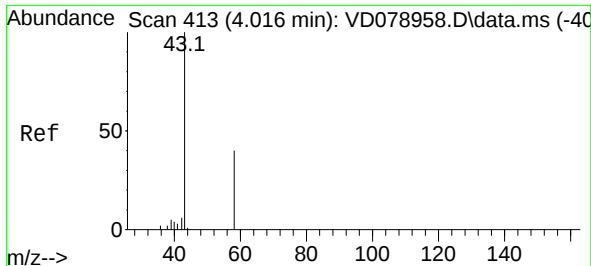
Tgt Ion:101 Resp: 63564
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.2 54.2
 151 73.5 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 21.283 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD078966.D
 Acq: 17 May 2024 17:26

Tgt Ion: 96 Resp: 52011
 Ion Ratio Lower Upper
 96 100
 61 130.1 98.6 183.0
 63 96.6 68.3 126.8





#13

Acetone

Concen: 41.199 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

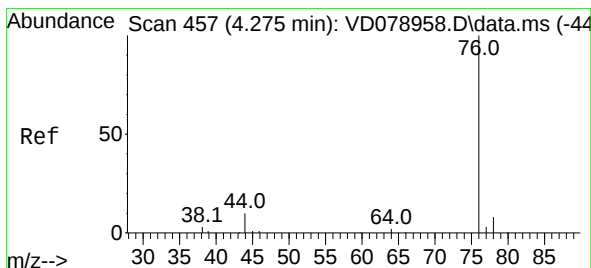
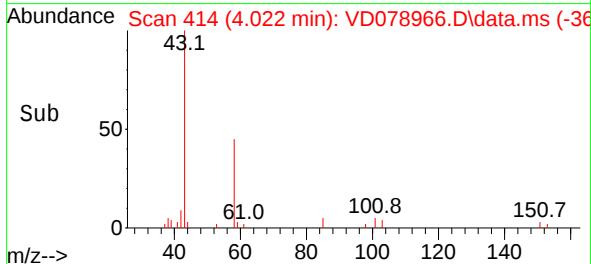
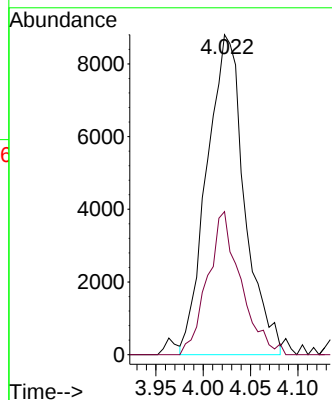
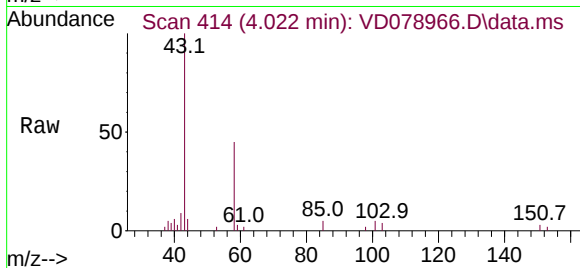
ClientSampleId :

Tgt Ion: 43 Resp: 24406

Ion Ratio Lower Upper

43 100

58 38.9 0.0 75.0



#14

Carbon disulfide

Concen: 19.303 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078966.D

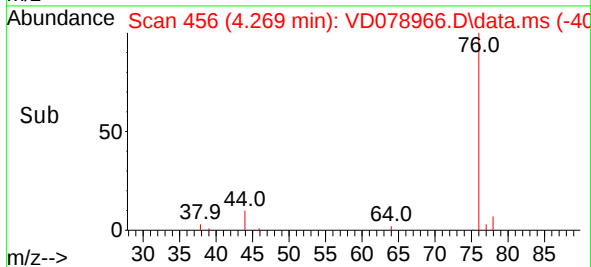
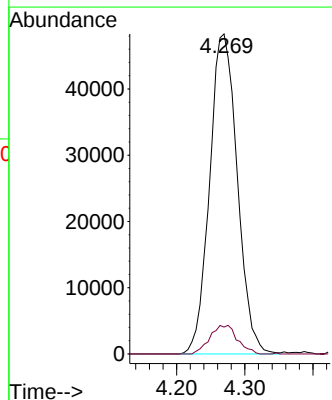
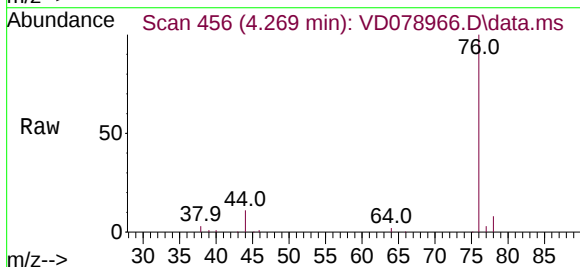
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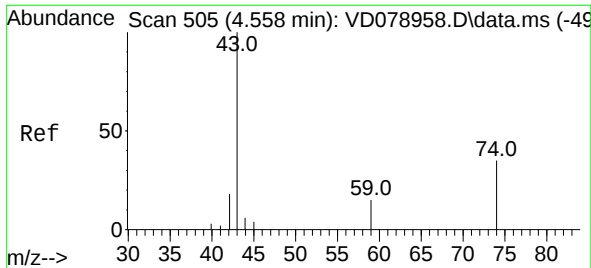
Tgt Ion: 76 Resp: 136697

Ion Ratio Lower Upper

76 100

78 8.4 6.5 9.7

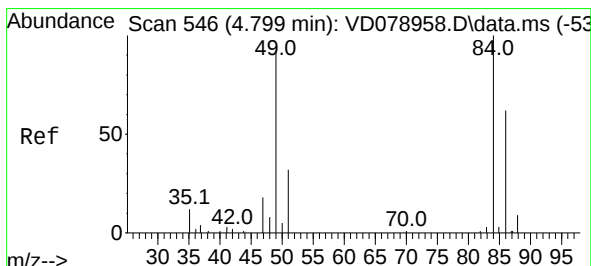
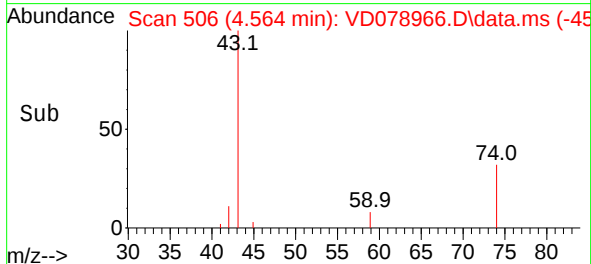
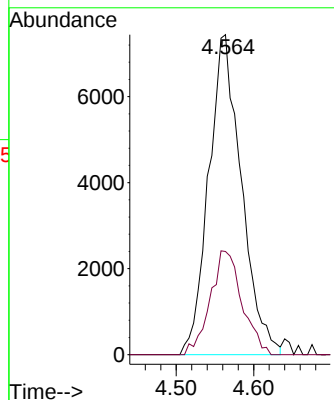
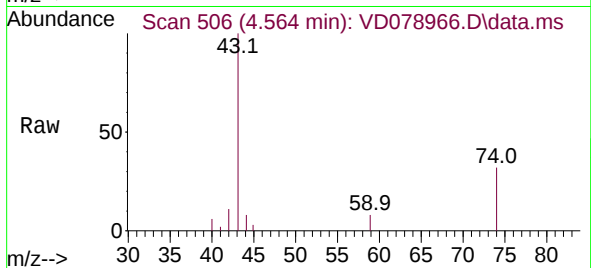




#15
Methyl Acetate
Concen: 22.692 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

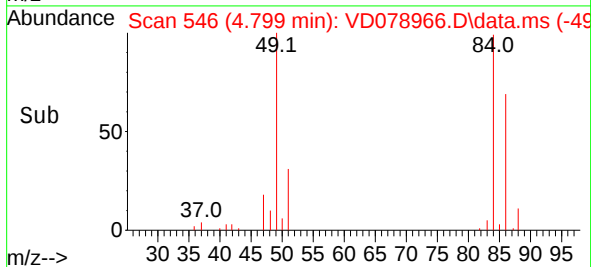
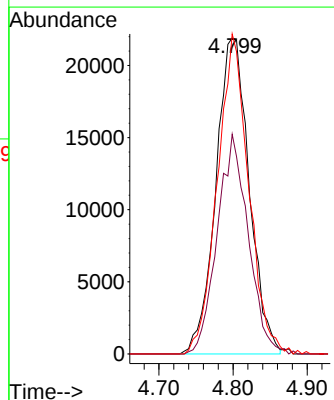
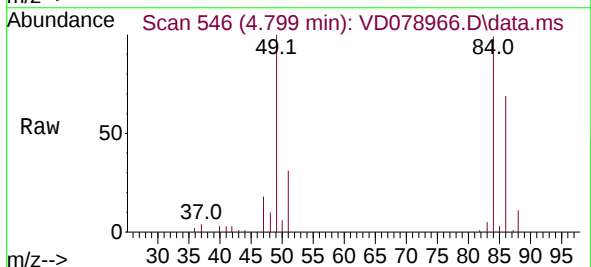
Instrument :
MSVOA_D
ClientSampleId :

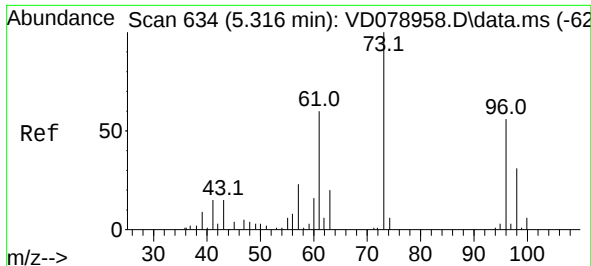
Tgt Ion: 43 Resp: 21841
Ion Ratio Lower Upper
43 100
74 31.5 25.1 37.7



#16
Methylene chloride
Concen: 20.461 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

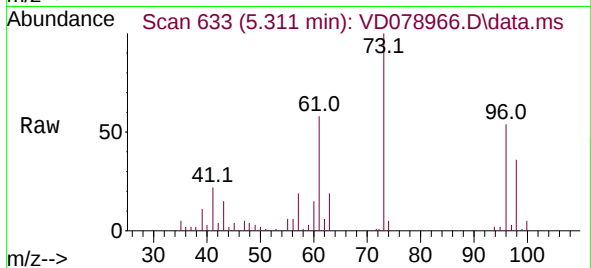
Tgt Ion: 84 Resp: 68499
Ion Ratio Lower Upper
84 100
86 69.5 43.7 81.1
49 101.3 64.0 119.0



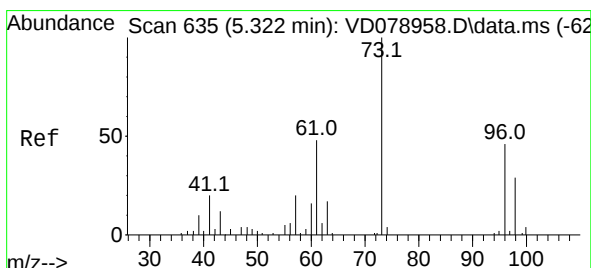
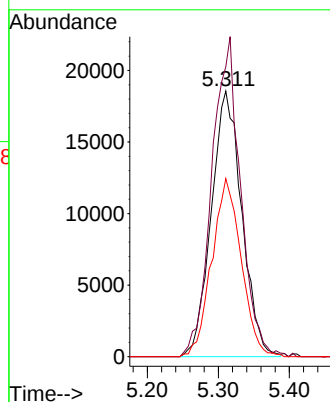
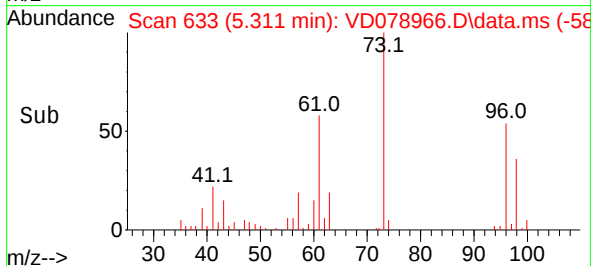


#17
trans-1,2-Dichloroethene
Concen: 22.239 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

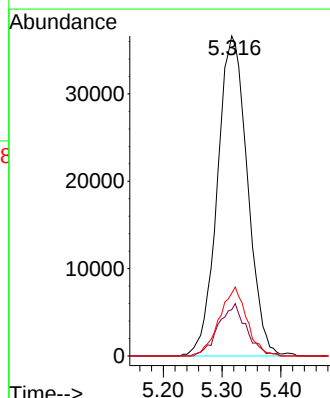
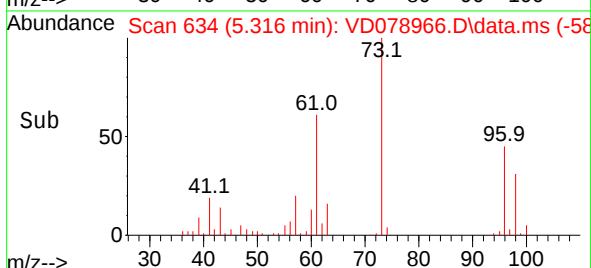
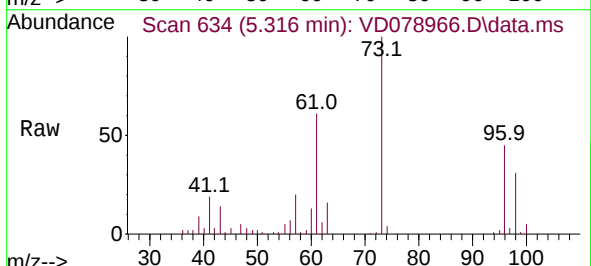


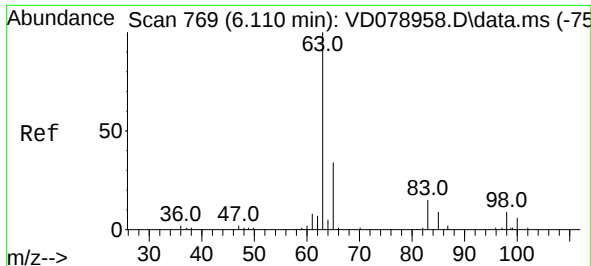
Tgt Ion: 96 Resp: 55336
Ion Ratio Lower Upper
96 100
61 109.2 75.5 140.1
98 67.0 39.1 72.7



#18
Methyl tert-butyl Ether
Concen: 24.562 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion: 73 Resp: 130211
Ion Ratio Lower Upper
73 100
43 14.9 6.7 10.1#
57 19.6 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.888 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD078966.D

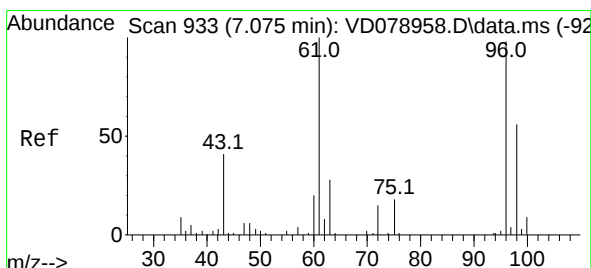
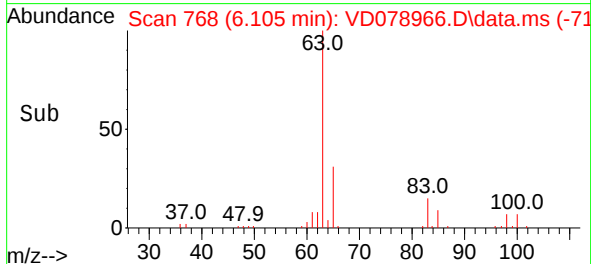
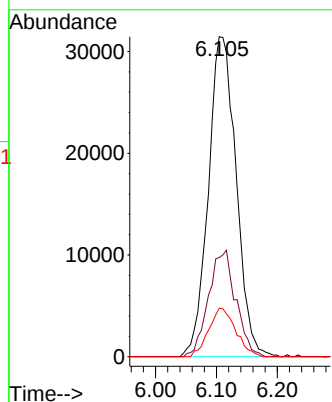
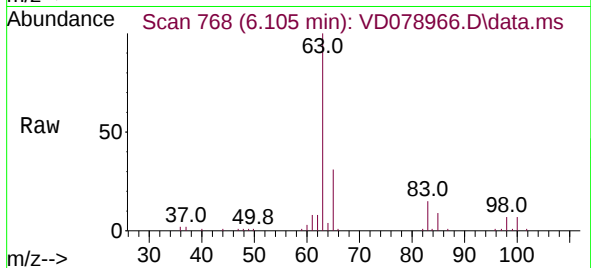
Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63	Resp: 99836
Ion Ratio	Lower Upper
63	100
65	31.0 23.5 43.7
83	15.2 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 24.095 ug/L

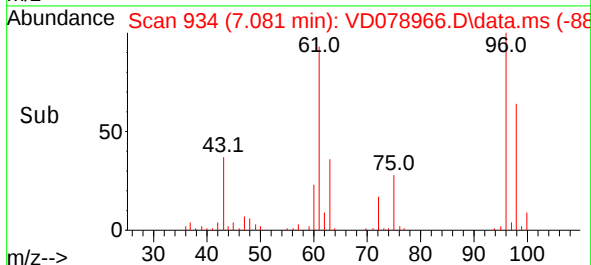
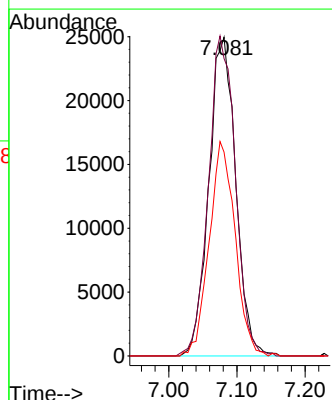
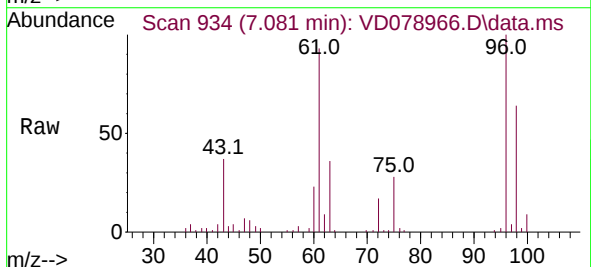
RT: 7.081 min Scan# 934

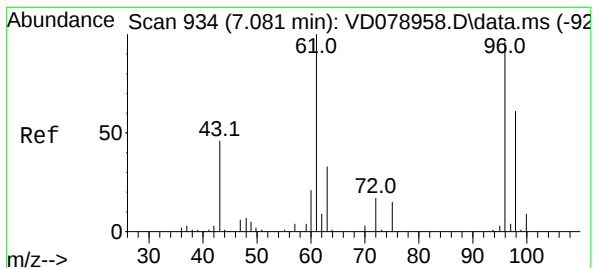
Delta R.T. 0.006 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Tgt Ion: 96	Resp: 68384
Ion Ratio	Lower Upper
96	100
61	93.4 71.6 133.0
98	64.0 40.1 74.5





#22

2-Butanone

Concen: 23.278 ug/L

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

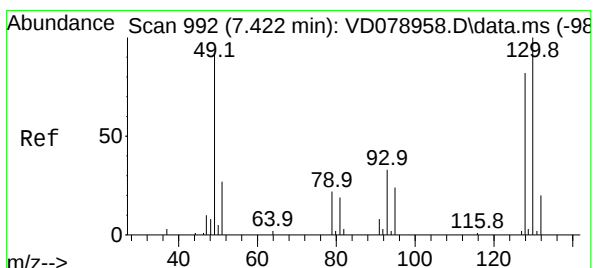
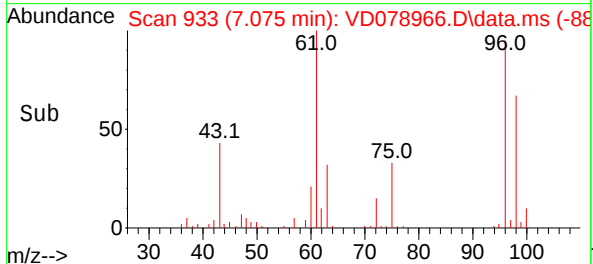
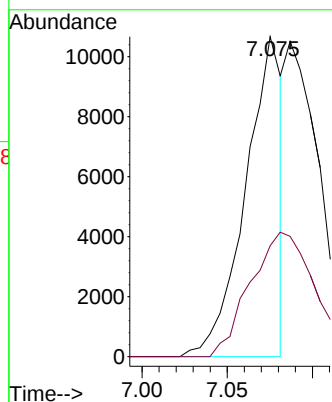
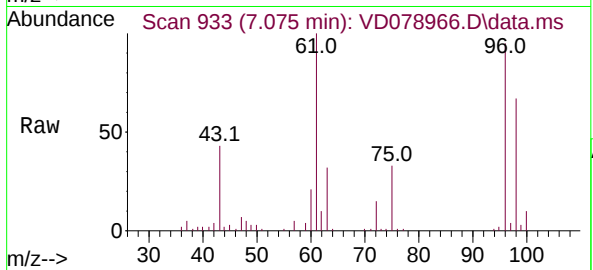
ClientSampleId :

Tgt Ion: 43 Resp: 15854

Ion Ratio Lower Upper

43 100

72 71.1 17.1 51.2#



#23

Bromochloromethane

Concen: 23.723 ug/L

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Tgt Ion:128 Resp: 33642

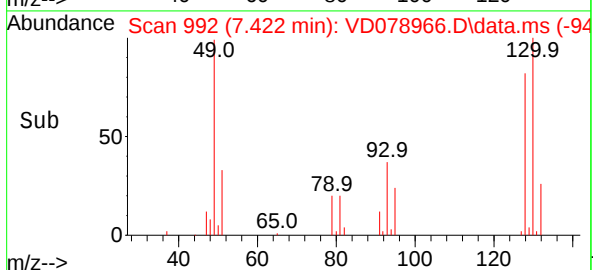
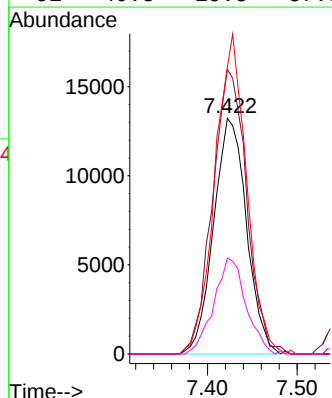
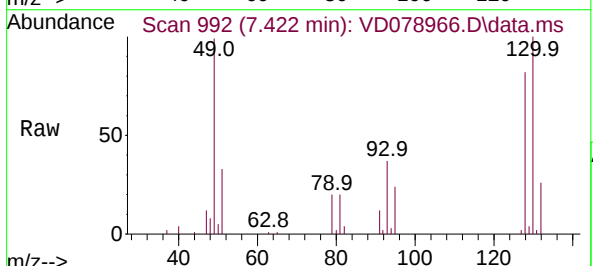
Ion Ratio Lower Upper

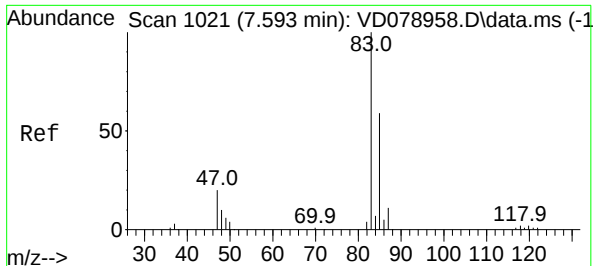
128 100

49 120.9 77.3 143.5

130 122.0 83.4 154.8

51 40.8 25.3 37.9#





#25

Chloroform

Concen: 23.793 ug/L

RT: 7.593 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

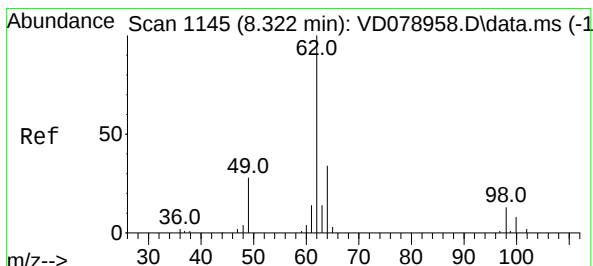
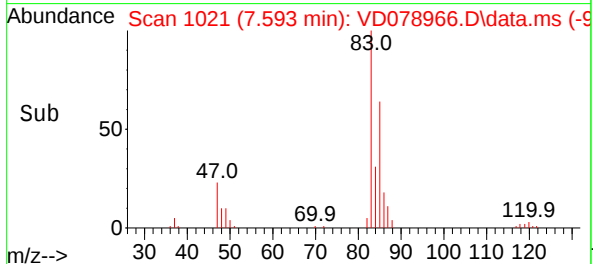
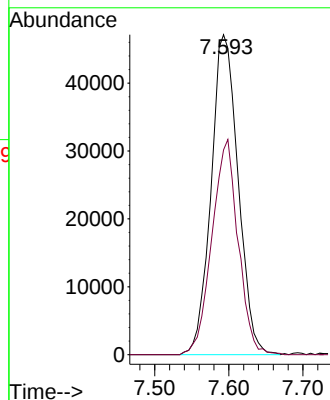
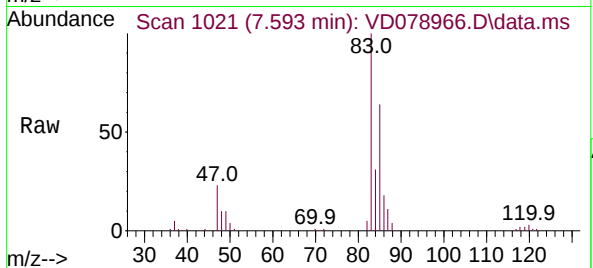
ClientSampleId :

Tgt Ion: 83 Resp: 119520

Ion Ratio Lower Upper

83 100

85 64.0 41.8 77.6



#27

1,2-Dichloroethane

Concen: 23.556 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD078966.D

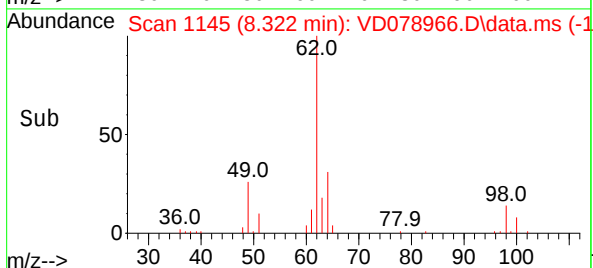
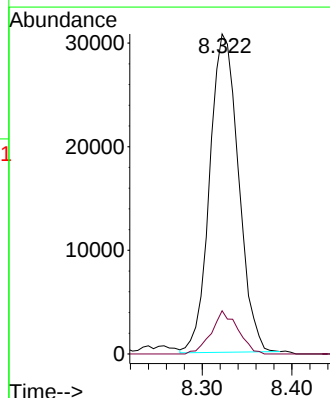
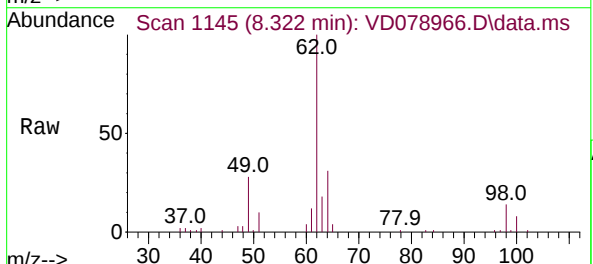
Acq: 17 May 2024 17:26

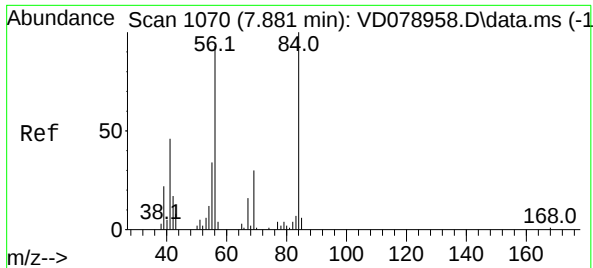
Tgt Ion: 62 Resp: 68538

Ion Ratio Lower Upper

62 100

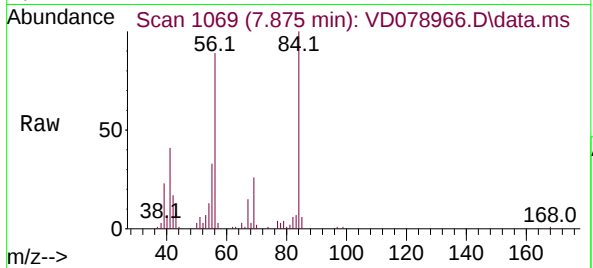
98 13.5 10.2 15.4



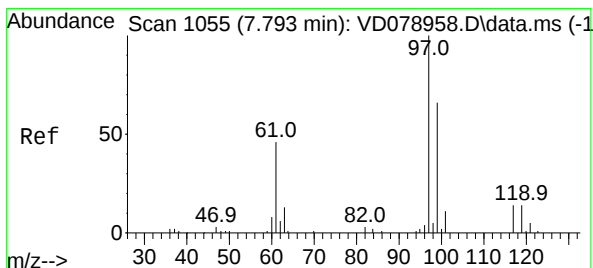
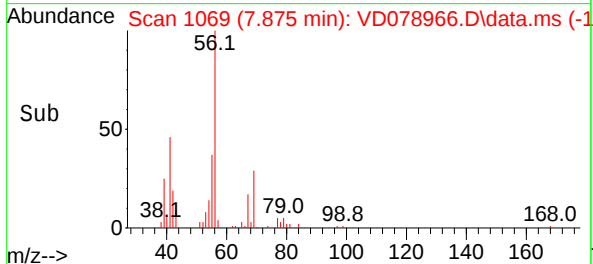
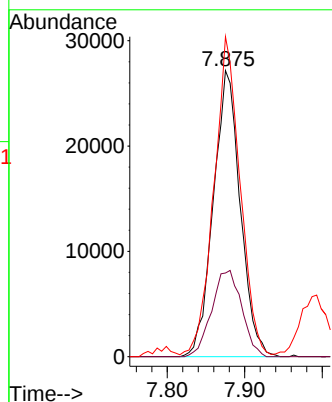


#29
Cyclohexane
Concen: 23.213 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

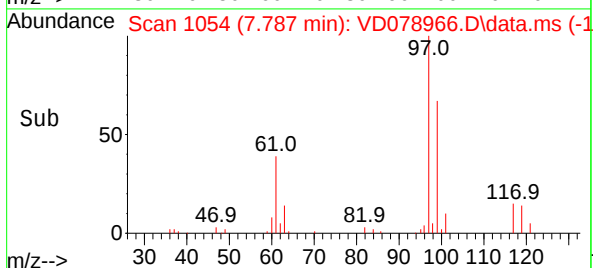
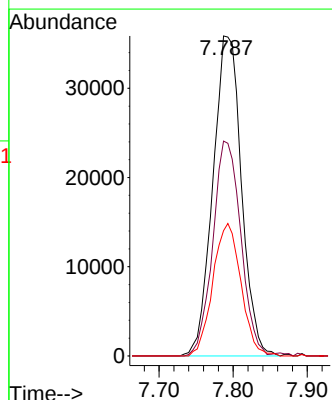
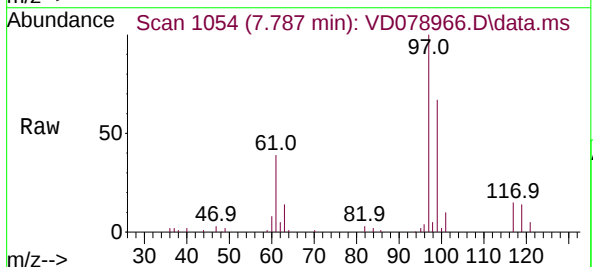


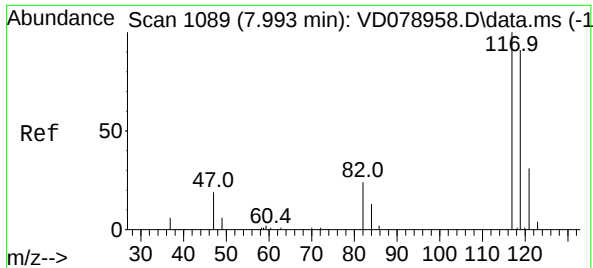
Tgt Ion: 56 Resp: 65604
Ion Ratio Lower Upper
56 100
69 33.5 25.2 37.8
84 108.4 83.4 125.2



#30
1,1,1-Trichloroethane
Concen: 23.608 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion: 97 Resp: 96048
Ion Ratio Lower Upper
97 100
99 65.7 52.6 78.8
61 40.8 32.6 48.8

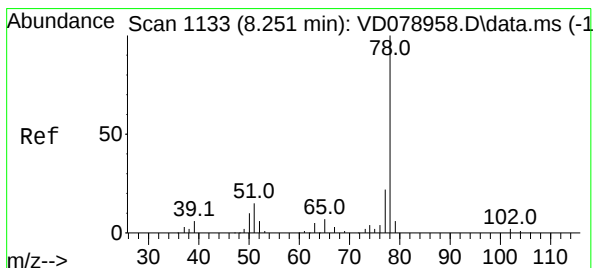
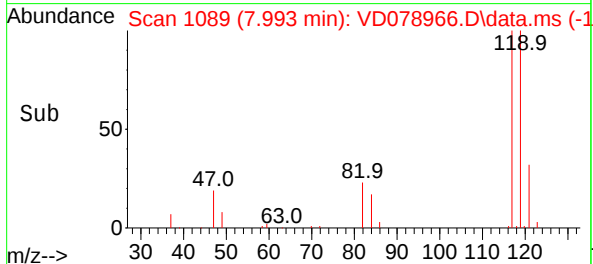
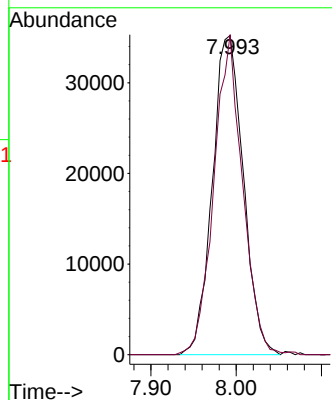
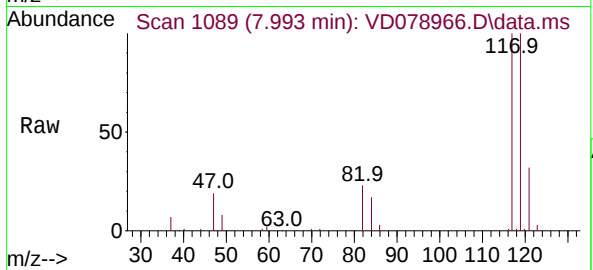




#31
Carbon tetrachloride
Concen: 23.737 ug/L
RT: 7.993 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

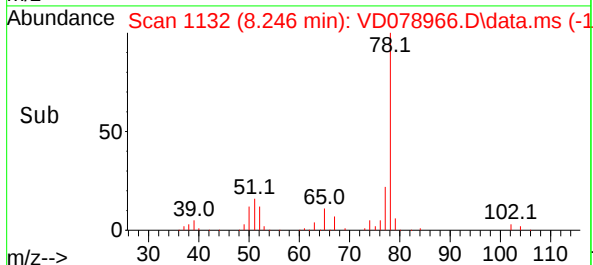
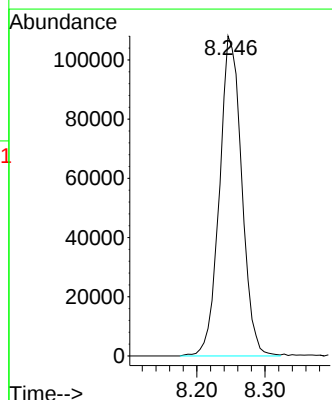
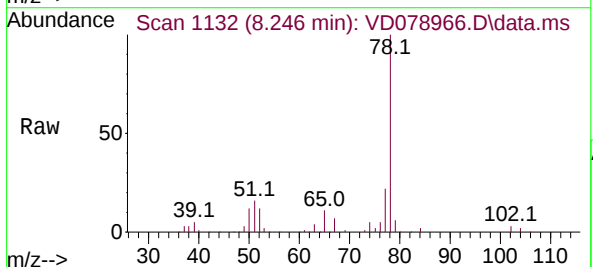
Instrument :
MSVOA_D
ClientSampleId :

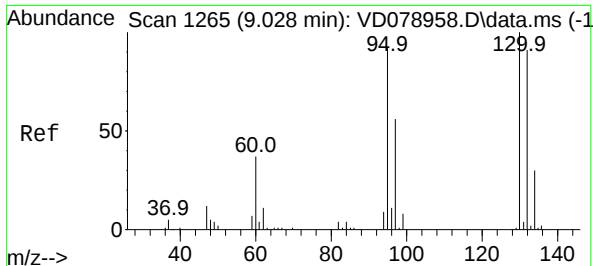
Tgt Ion:117 Resp: 88922
Ion Ratio Lower Upper
117 100
119 92.6 77.7 116.5



#33
Benzene
Concen: 24.352 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion: 78 Resp: 245463

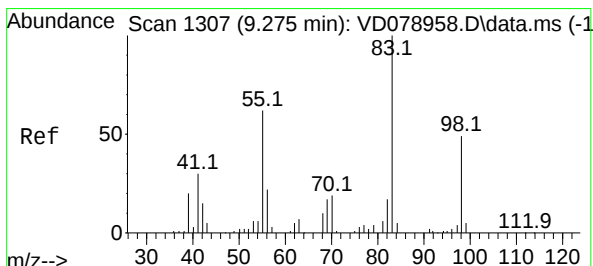
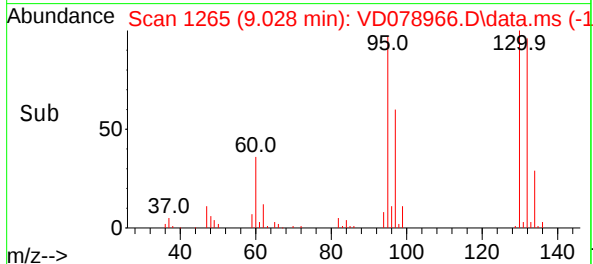
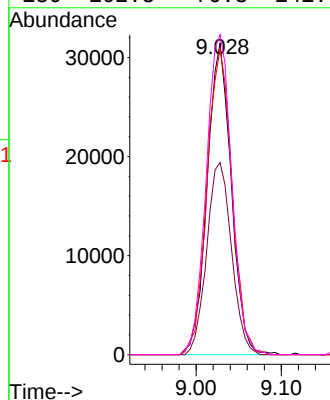
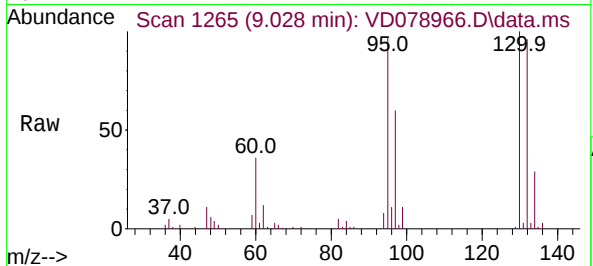




#34
Trichloroethene
Concen: 23.867 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

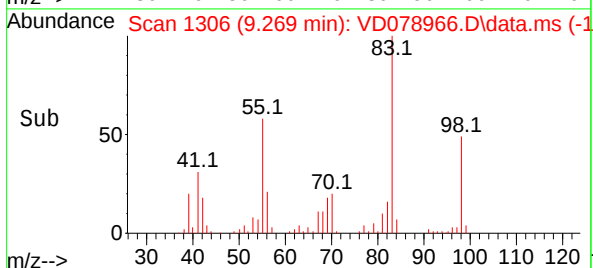
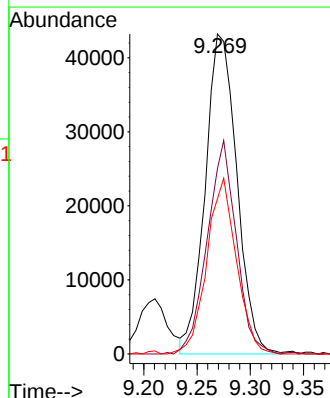
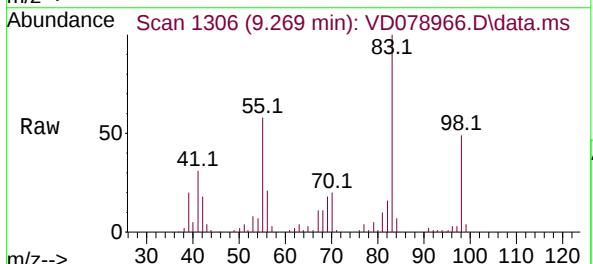
Instrument :
MSVOA_D
ClientSampleId :

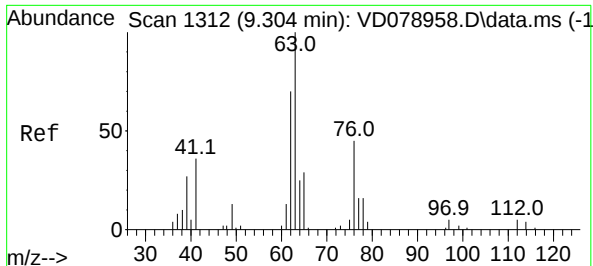
Tgt Ion: 95 Resp: 61978
Ion Ratio Lower Upper
95 100
97 61.8 42.6 79.2
132 98.2 69.5 129.1
130 102.8 76.3 141.7



#35
Methylcyclohexane
Concen: 22.872 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion: 83 Resp: 89294
Ion Ratio Lower Upper
83 100
55 61.2 49.0 73.6
98 51.5 40.1 60.1

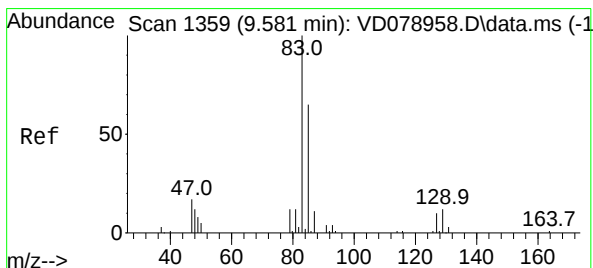
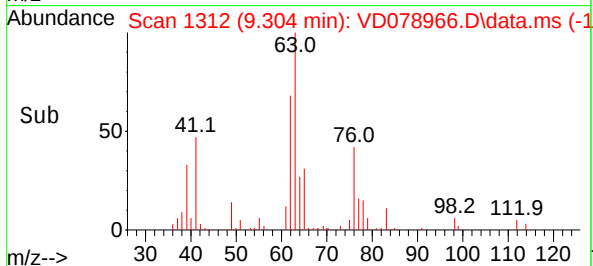
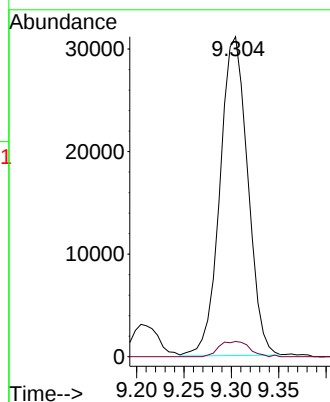
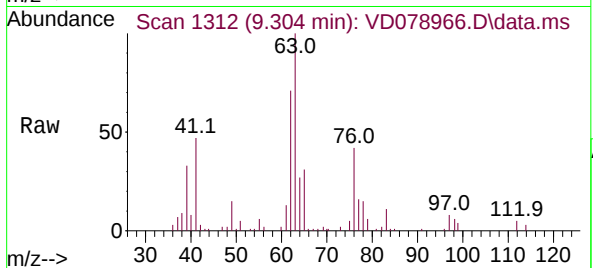




#37
1,2-Dichloropropane
Concen: 24.834 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

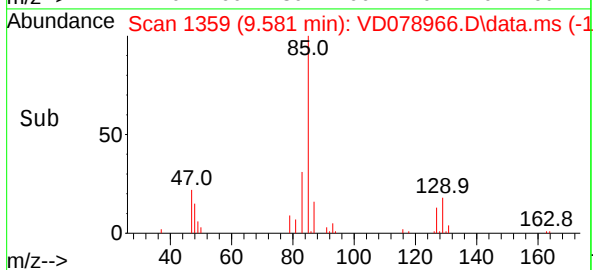
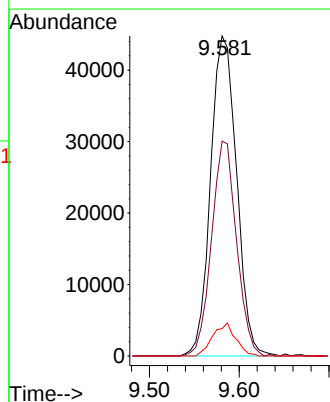
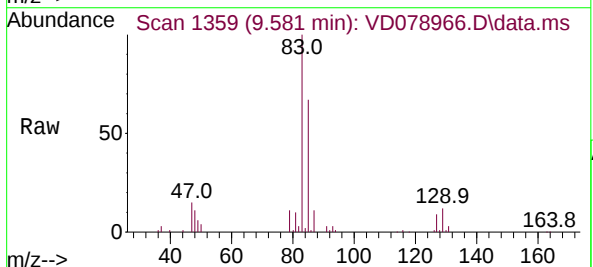
Instrument :
MSVOA_D
ClientSampleId :

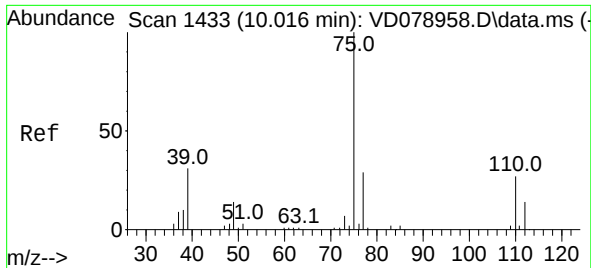
Tgt Ion: 63 Resp: 63437
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1



#38
Bromodichloromethane
Concen: 24.951 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion: 83 Resp: 90128
Ion Ratio Lower Upper
83 100
85 67.1 45.4 84.4
127 8.6 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 24.230 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

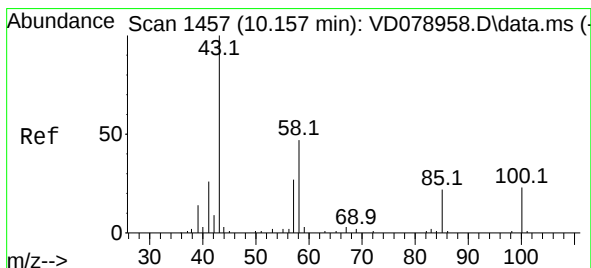
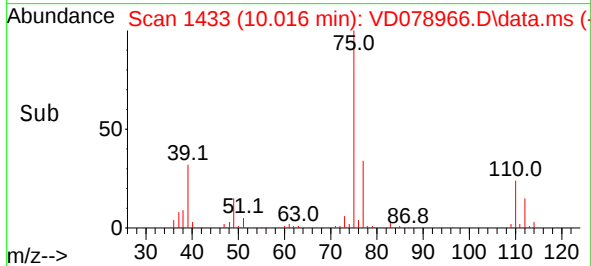
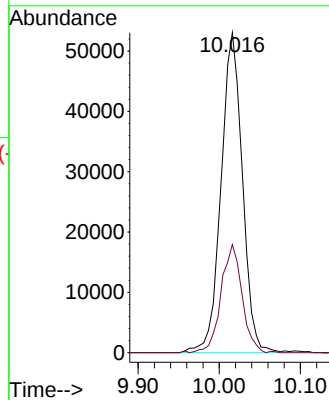
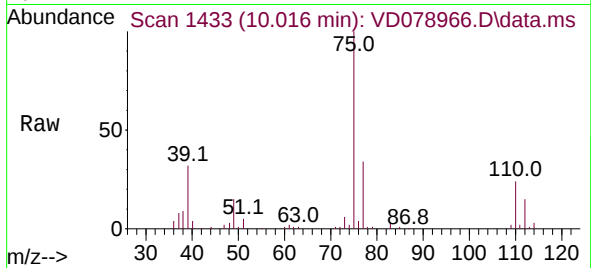
ClientSampleId :

Tgt Ion: 75 Resp: 97097

Ion Ratio Lower Upper

75 100

77 33.8 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 50.822 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

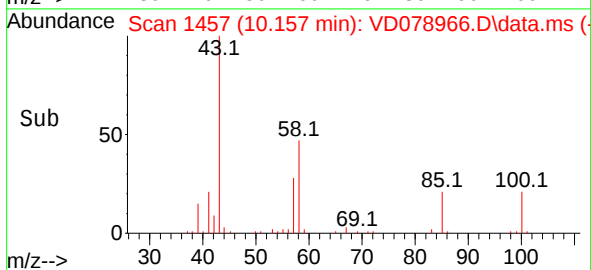
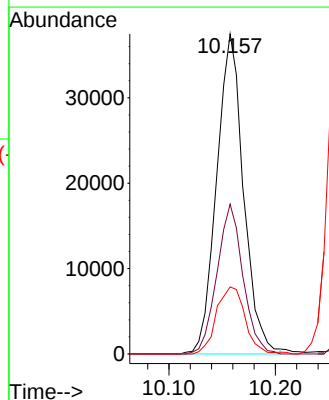
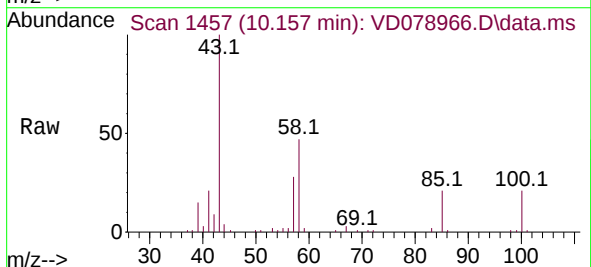
Tgt Ion: 43 Resp: 65576

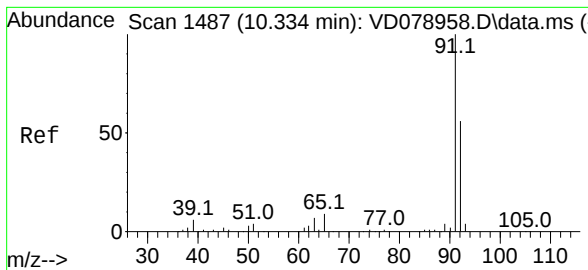
Ion Ratio Lower Upper

43 100

58 45.2 38.0 57.0

100 22.3 17.3 25.9





#42

Toluene

Concen: 25.084 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

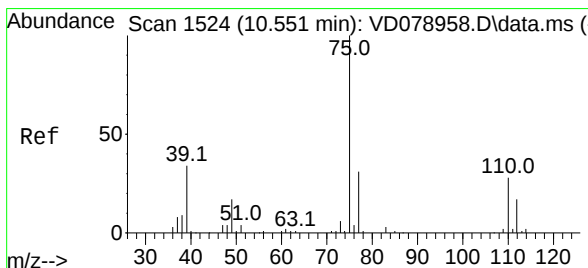
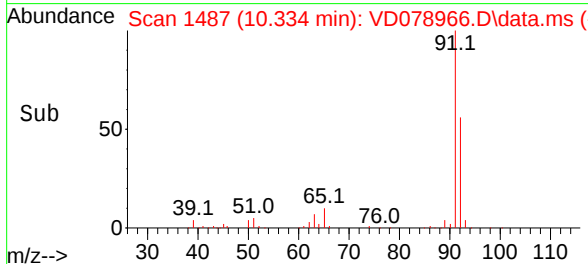
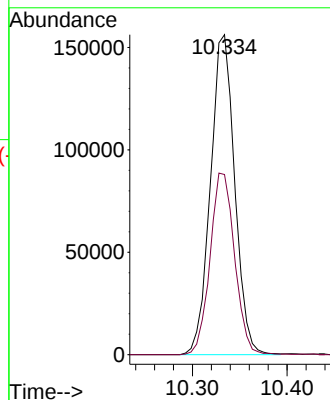
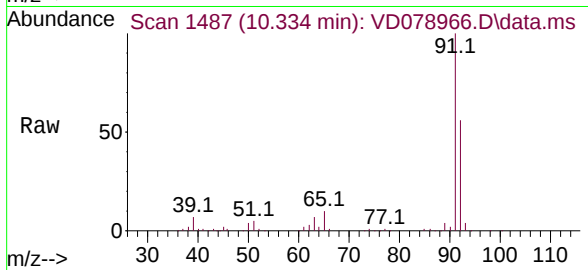
ClientSampleId :

Tgt Ion: 91 Resp: 277981

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.290 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078966.D

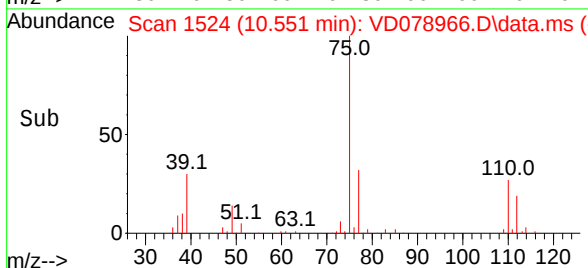
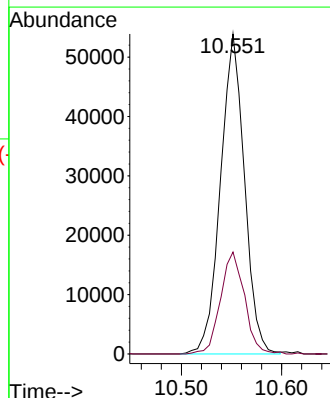
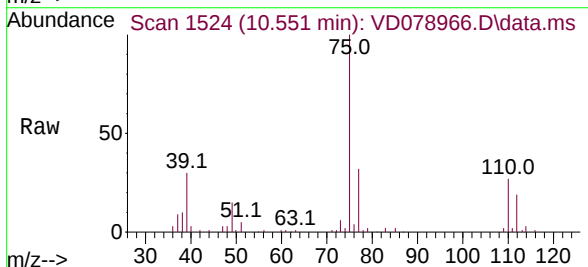
Acq: 17 May 2024 17:26

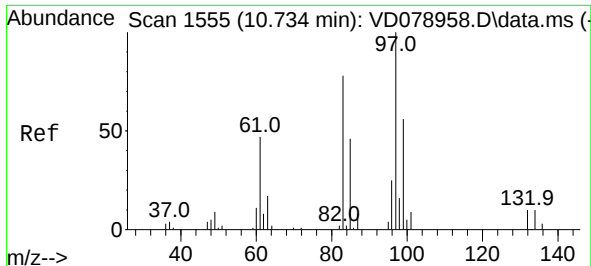
Tgt Ion: 75 Resp: 89595

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.584 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 57426

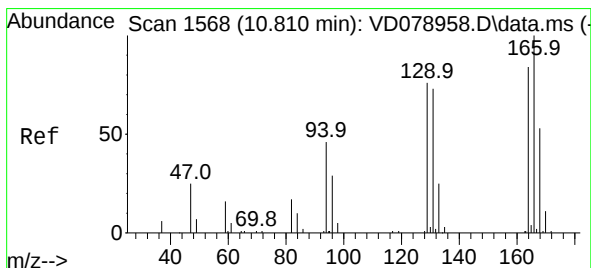
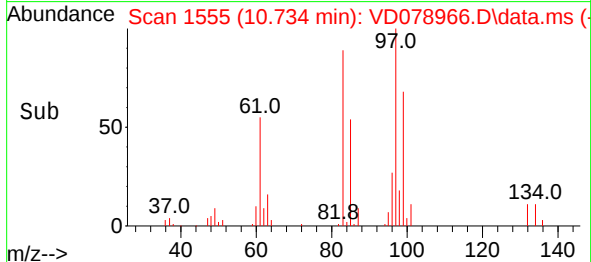
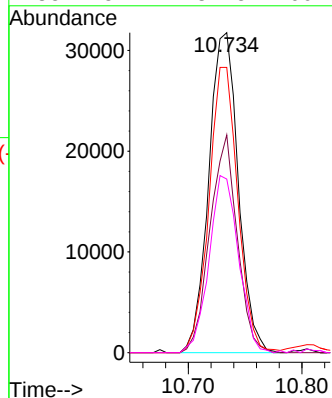
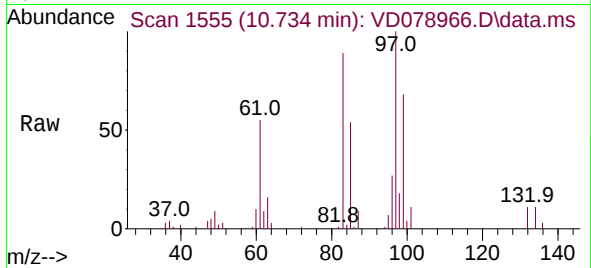
Ion Ratio Lower Upper

97 100

99 68.0 39.1 72.7

83 89.2 54.6 101.4

85 54.2 32.5 60.3



#46

Tetrachloroethene

Concen: 22.442 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Tgt Ion:164 Resp: 50143

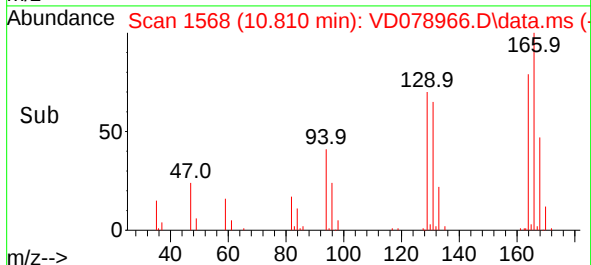
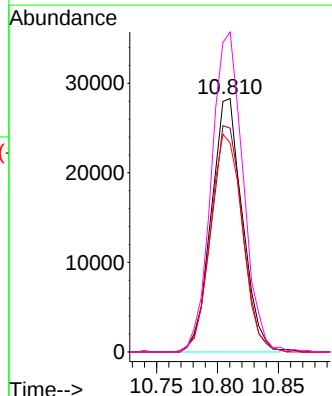
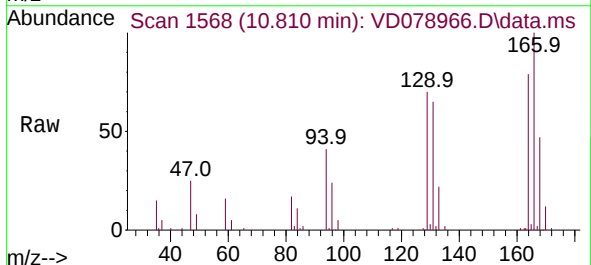
Ion Ratio Lower Upper

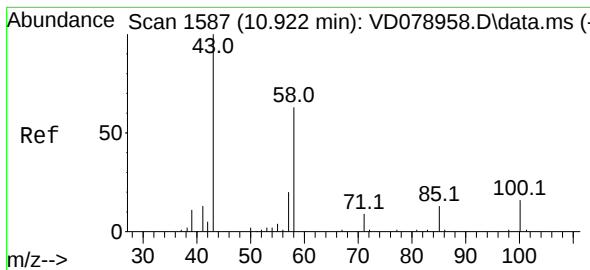
164 100

129 88.4 63.3 117.7

131 82.5 60.8 112.8

166 126.3 83.7 155.4





#48

2-Hexanone

Concen: 49.462 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

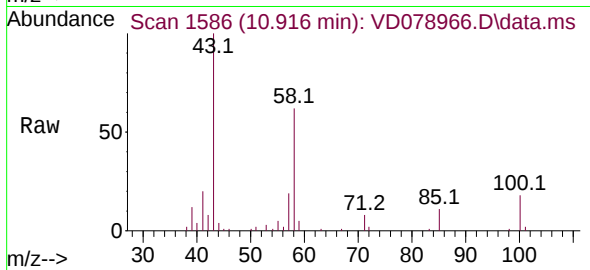
Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 49475

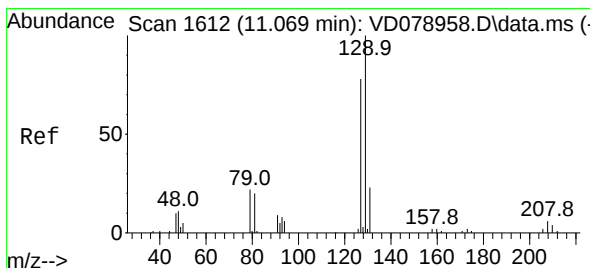
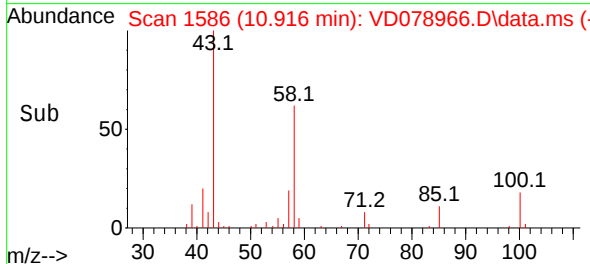
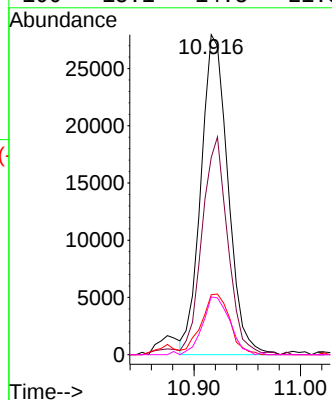
Ion Ratio Lower Upper

43 100

58 64.2 53.4 80.2

57 20.0 17.0 25.4

100 18.1 14.3 21.5



#49

Dibromochloromethane

Concen: 23.196 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD078966.D

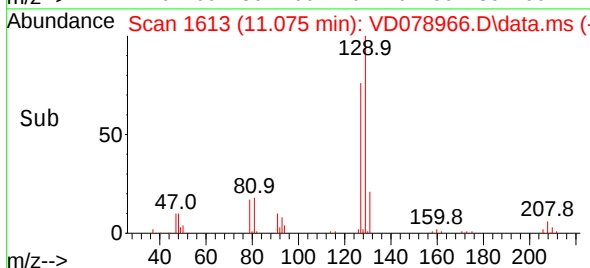
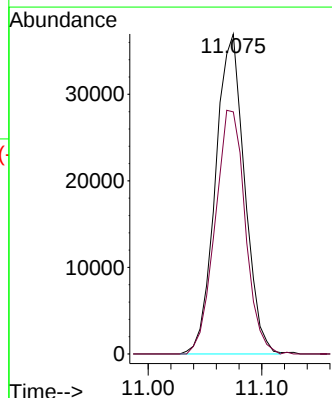
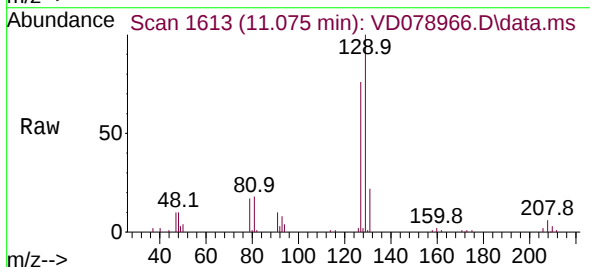
Acq: 17 May 2024 17:26

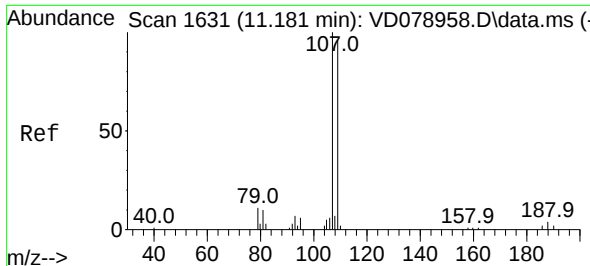
Tgt Ion:129 Resp: 65874

Ion Ratio Lower Upper

129 100

127 75.6 54.8 101.8

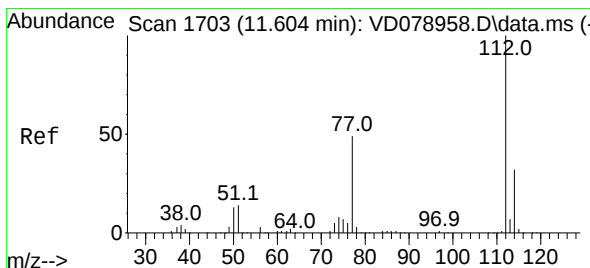
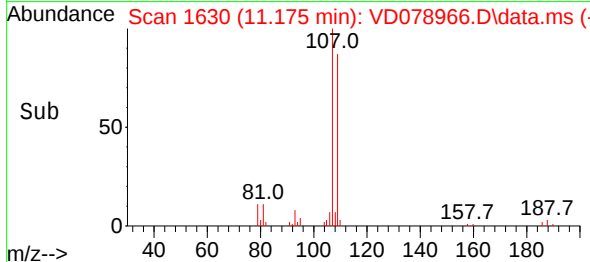
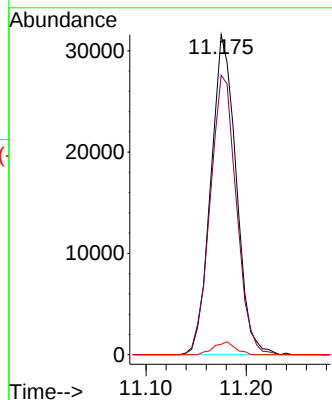
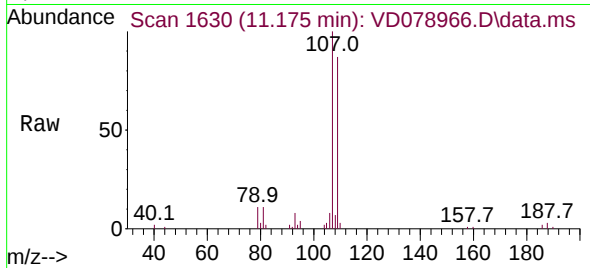




#50
1,2-Dibromoethane
Concen: 25.059 ug/L
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

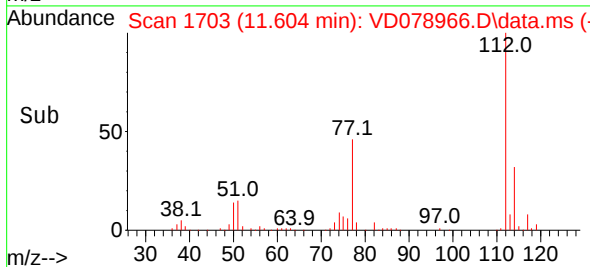
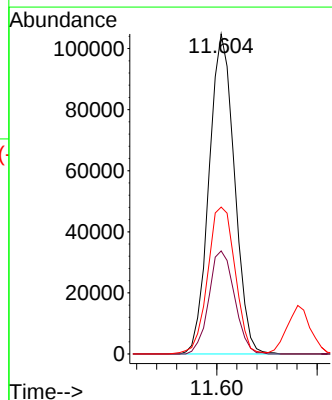
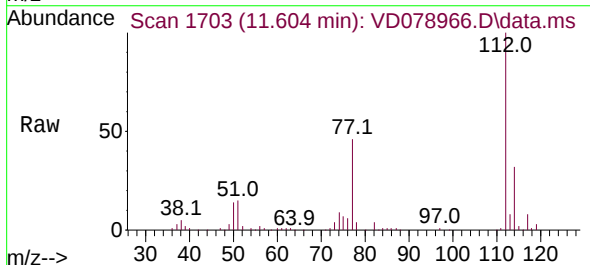
Instrument :
MSVOA_D
ClientSampleId :

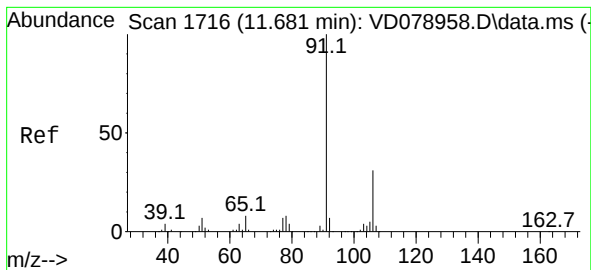
Tgt Ion:107 Resp: 55292
Ion Ratio Lower Upper
107 100
109 87.3 67.0 124.4
188 3.2 3.4 5.2#



#51
Chlorobenzene
Concen: 23.568 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion:112 Resp: 184518
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 45.9 39.4 59.0

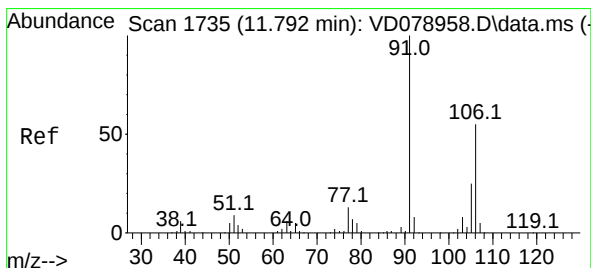
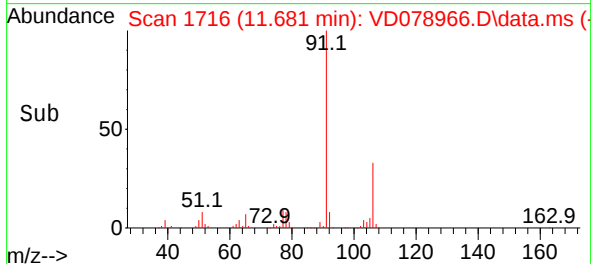
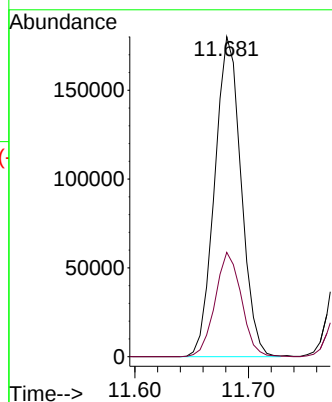
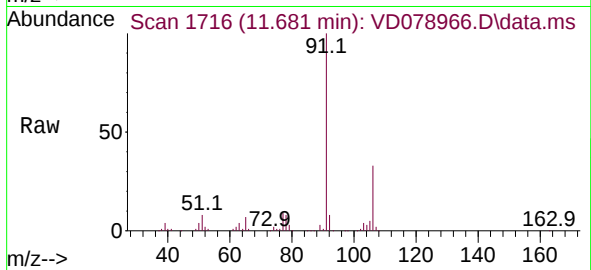




#52
Ethylbenzene
Concen: 24.387 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

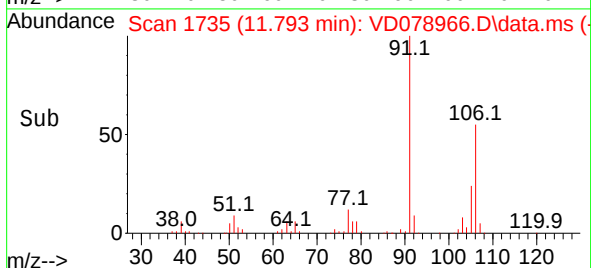
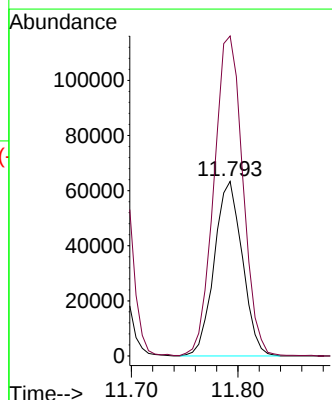
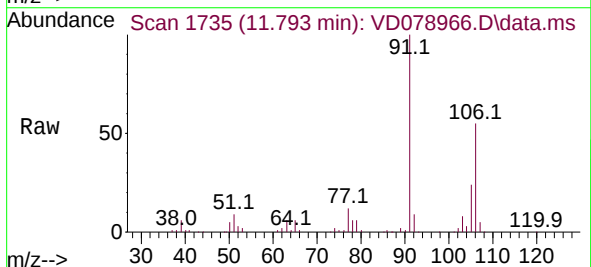
Instrument :
MSVOA_D
ClientSampleId :

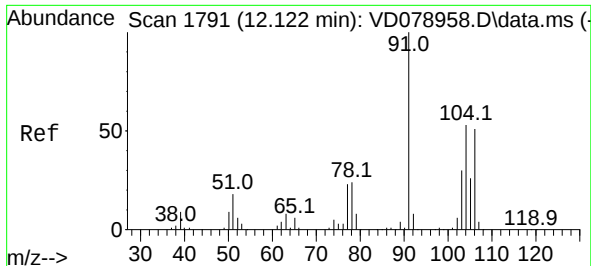
Tgt Ion: 91 Resp: 291685
Ion Ratio Lower Upper
91 100
106 32.6 21.6 40.2



#53
m,p-Xylene
Concen: 24.245 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion:106 Resp: 116010
Ion Ratio Lower Upper
106 100
91 183.3 128.3 238.3

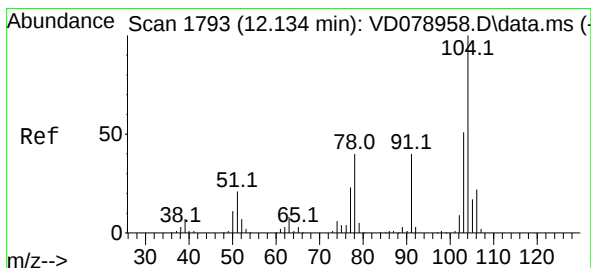
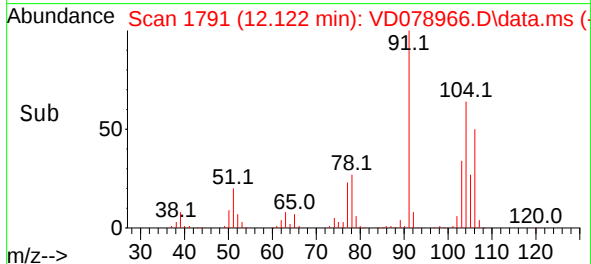
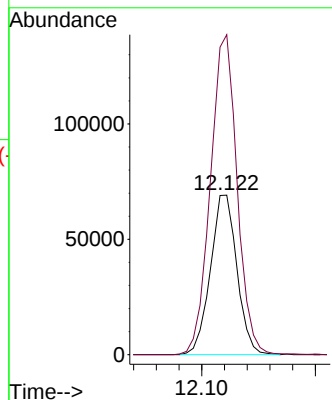
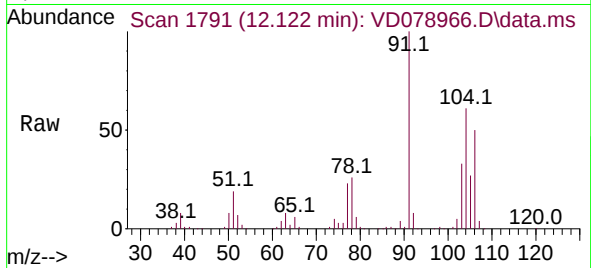




#54
o-Xylene
Concen: 24.035 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

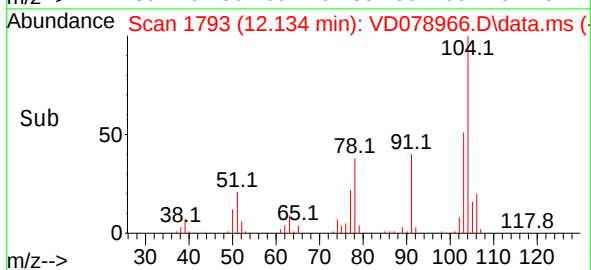
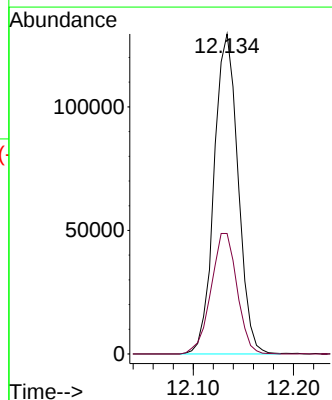
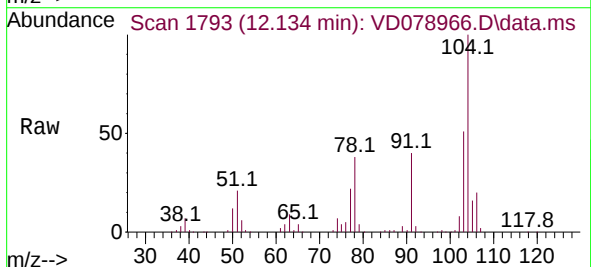
Instrument :
MSVOA_D
ClientSampleId :

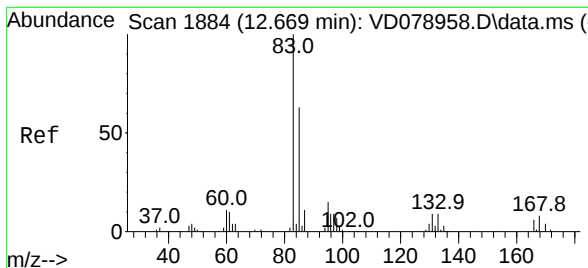
Tgt Ion:106 Resp: 112011
Ion Ratio Lower Upper
106 100
91 200.7 138.3 256.9



#55
Styrene
Concen: 26.106 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion:104 Resp: 214996
Ion Ratio Lower Upper
104 100
78 37.7 27.8 51.6

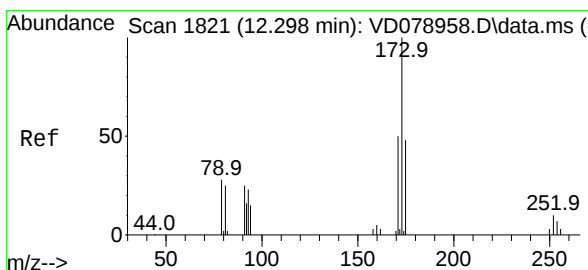
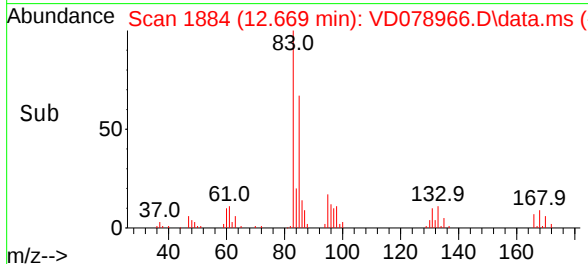
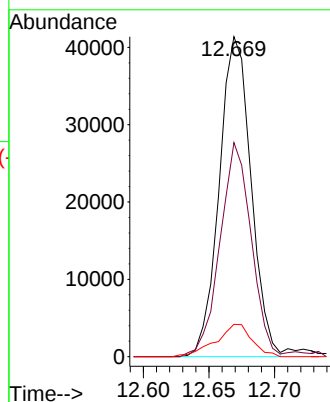
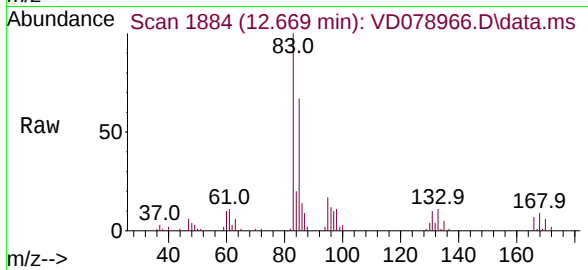




#57
1,1,2,2-Tetrachloroethane
Concen: 24.581 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

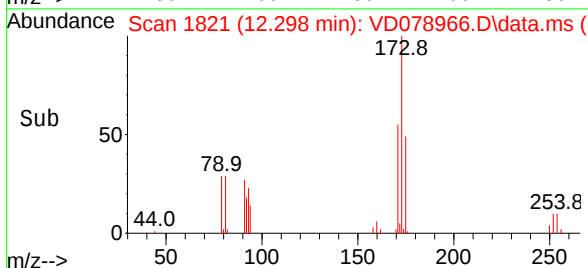
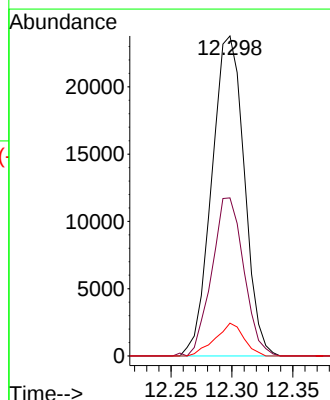
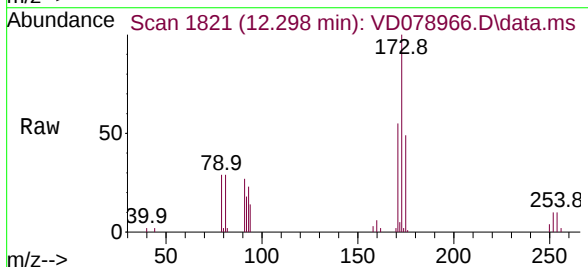
Instrument :
MSVOA_D
ClientSampleId :

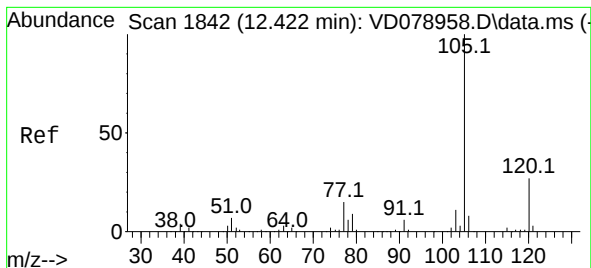
Tgt Ion: 83 Resp: 69641
Ion Ratio Lower Upper
83 100
85 66.9 44.3 82.3
131 10.1 7.5 11.3



#59
Bromoform
Concen: 23.929 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078966.D
Acq: 17 May 2024 17:26

Tgt Ion:173 Resp: 44135
Ion Ratio Lower Upper
173 100
175 48.5 40.0 60.0
254 9.1 6.3 9.5





#60

Isopropylbenzene

Concen: 24.617 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

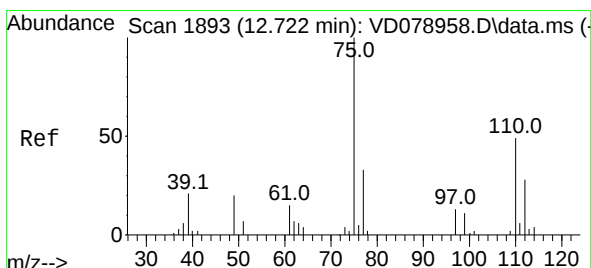
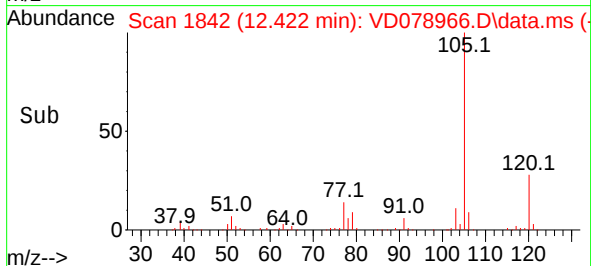
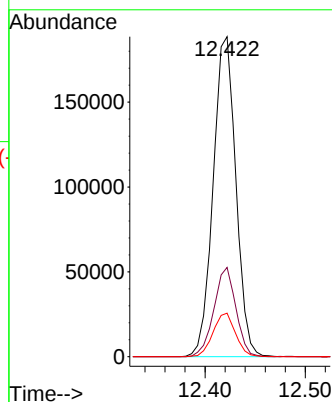
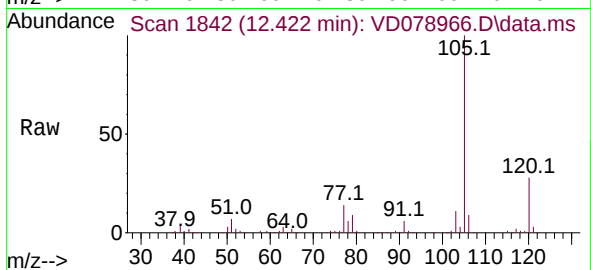
Tgt Ion:105 Resp: 296592

Ion Ratio Lower Upper

105 100

120 27.0 21.8 32.8

77 13.5 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 24.209 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

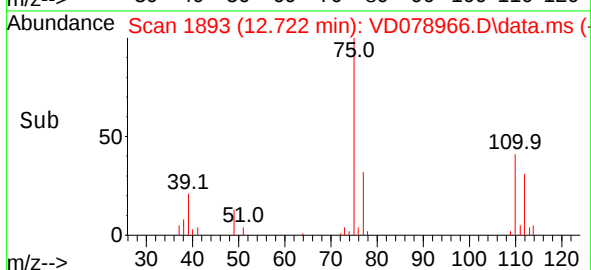
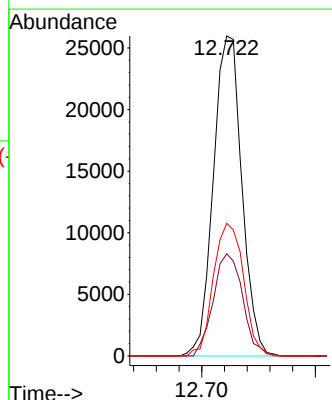
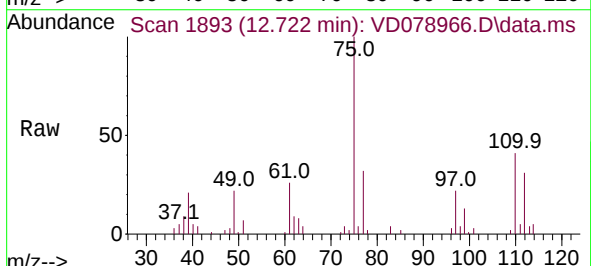
Tgt Ion: 75 Resp: 45224

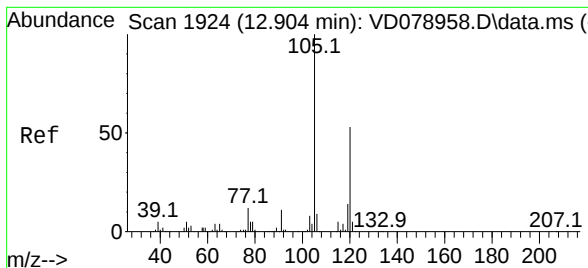
Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

110 43.8 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 24.935 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

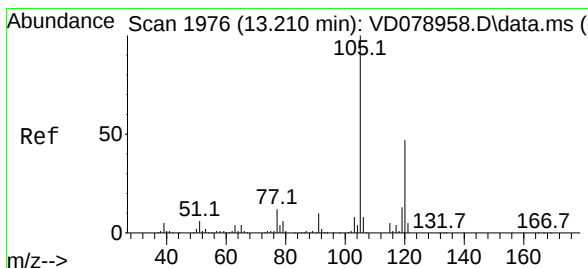
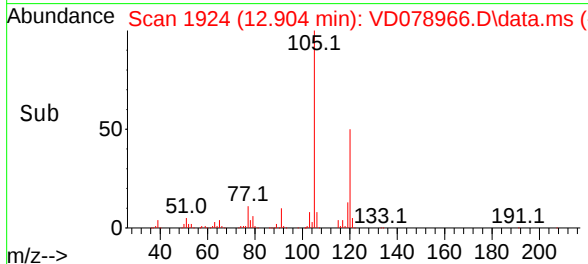
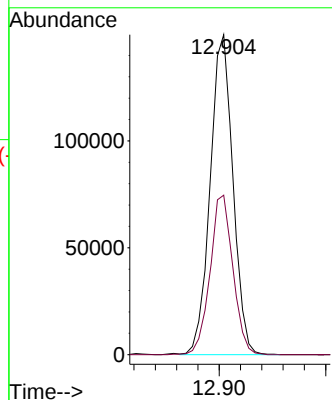
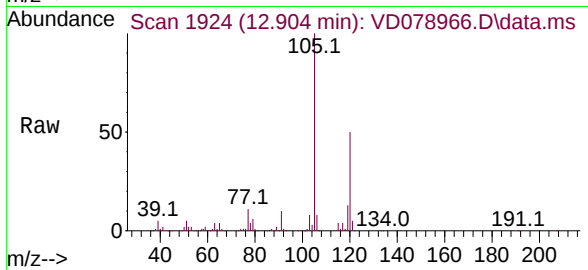
ClientSampleId :

Tgt Ion:105 Resp: 222061

Ion Ratio Lower Upper

105 100

120 50.0 41.9 62.9



#63

1,2,4-Trimethylbenzene

Concen: 24.830 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078966.D

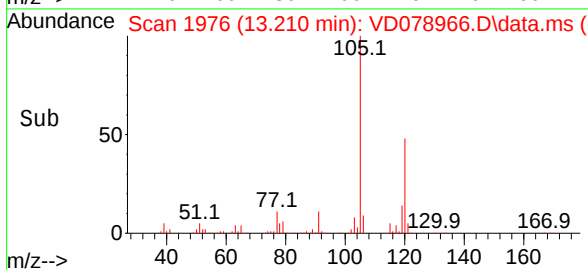
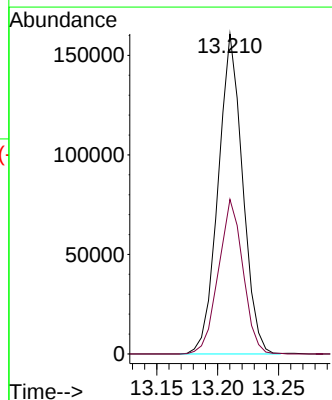
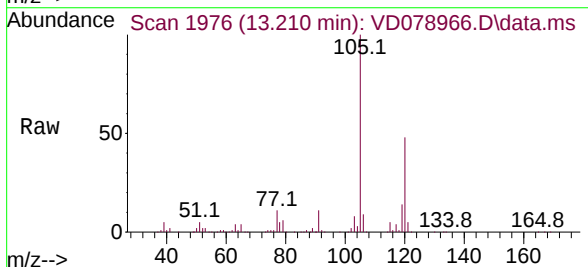
Acq: 17 May 2024 17:26

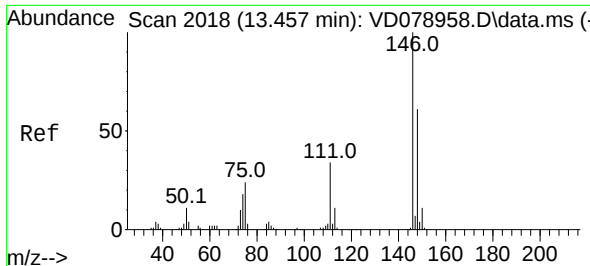
Tgt Ion:105 Resp: 224699

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2





#64

1,3-Dichlorobenzene

Concen: 24.039 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

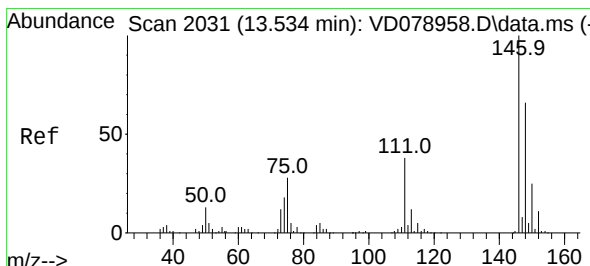
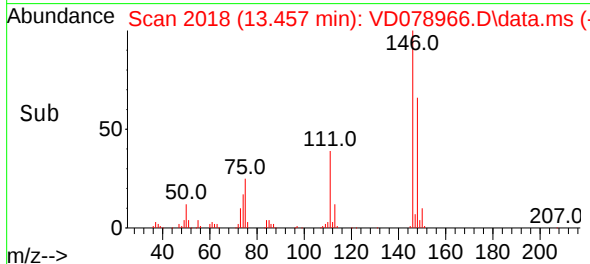
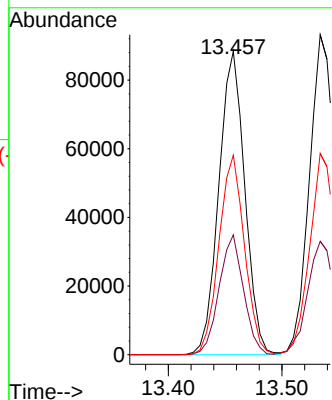
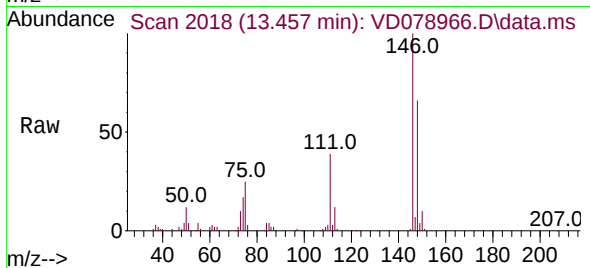
Tgt Ion:146 Resp: 140661

Ion Ratio Lower Upper

146 100

111 39.5 24.0 44.6

148 65.8 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 23.520 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

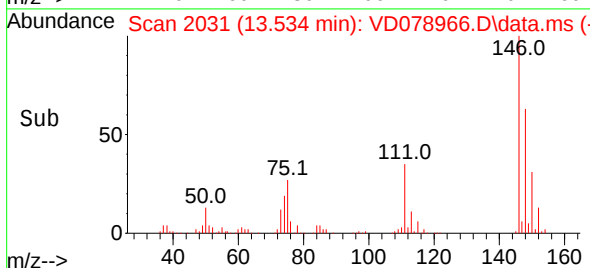
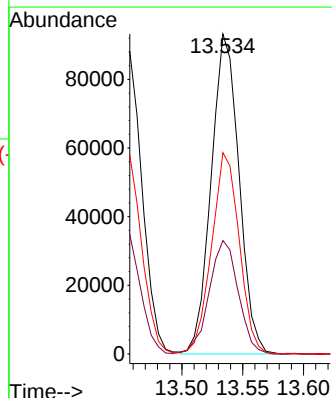
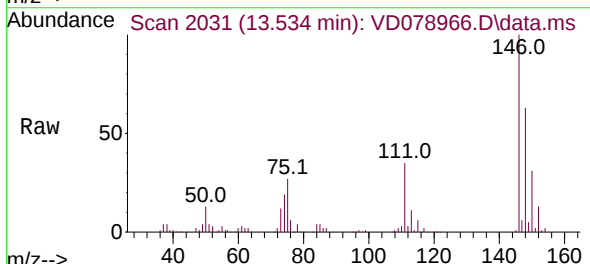
Tgt Ion:146 Resp: 148379

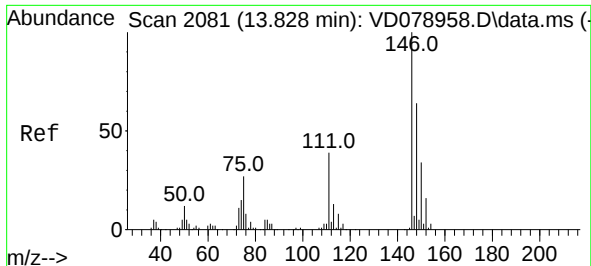
Ion Ratio Lower Upper

146 100

111 35.4 26.9 50.1

148 62.9 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 24.041 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078966.D

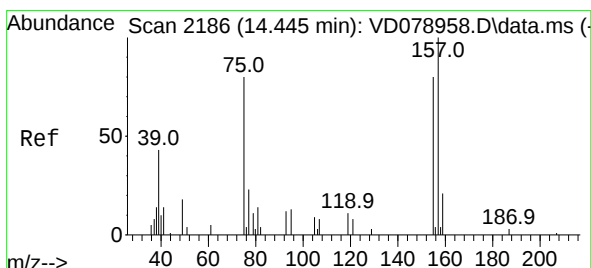
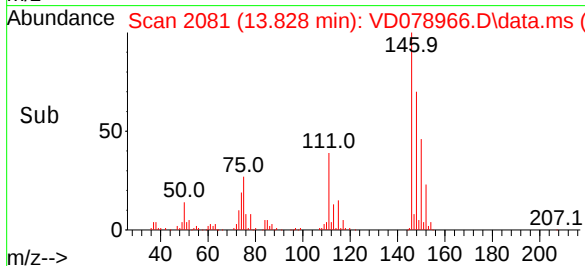
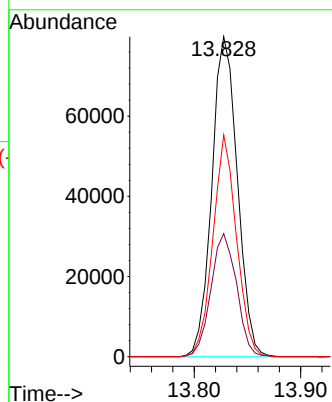
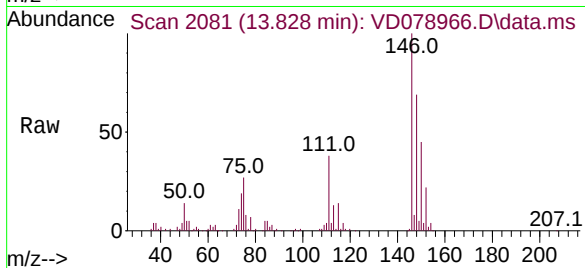
Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	133144
Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.9	46.3
148	69.3	51.4	77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.342 ug/L

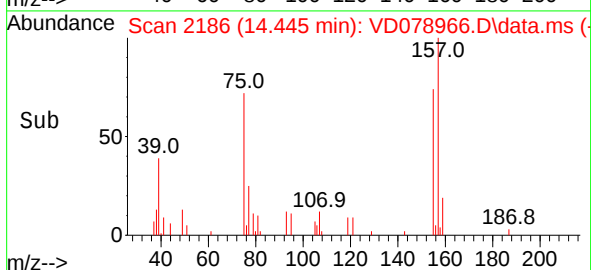
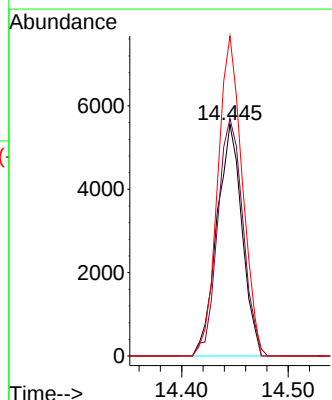
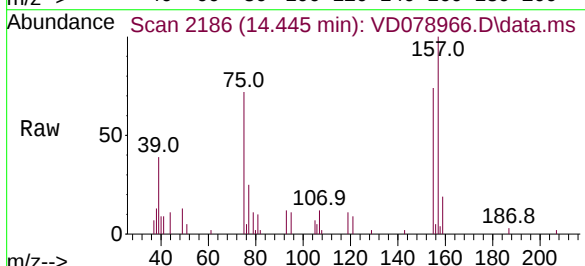
RT: 14.445 min Scan# 2186

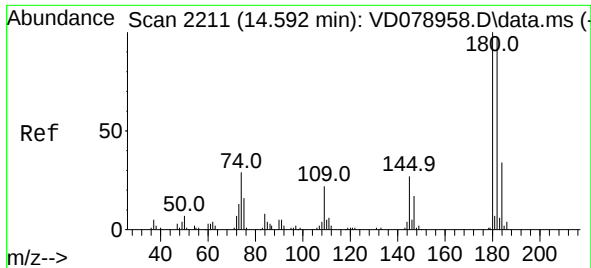
Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Tgt Ion:	75	Resp:	9083
Ion	Ratio	Lower	Upper
75	100		
155	102.6	79.8	119.6
157	138.2	99.9	149.9





#69

1,3,5-Trichlorobenzene

Concen: 23.754 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

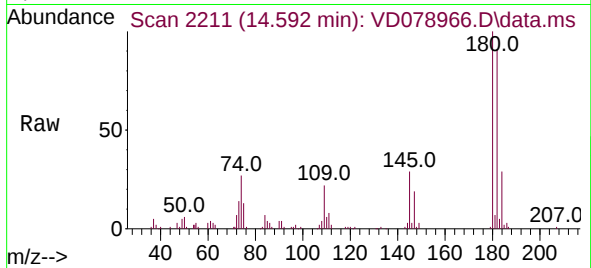
Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 90272

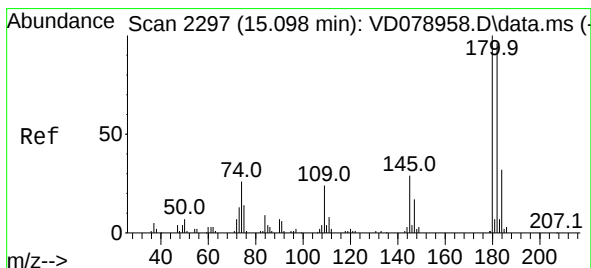
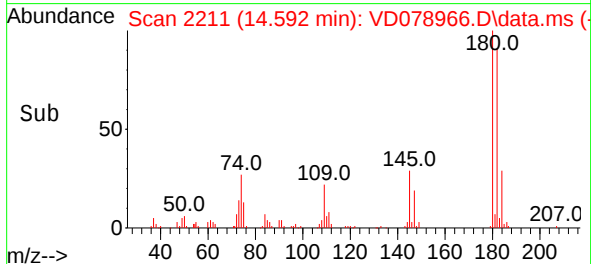
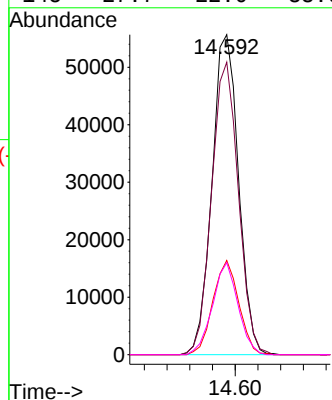
Ion Ratio Lower Upper

180 100

182 92.2 76.2 114.2

184 28.7 24.9 37.3

145 27.7 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 22.305 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

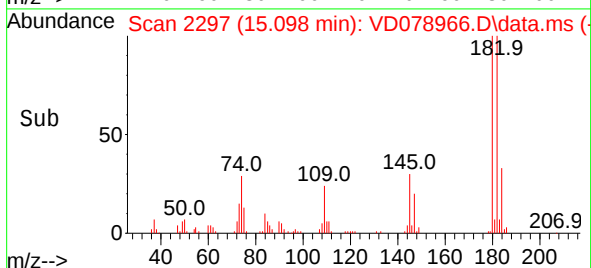
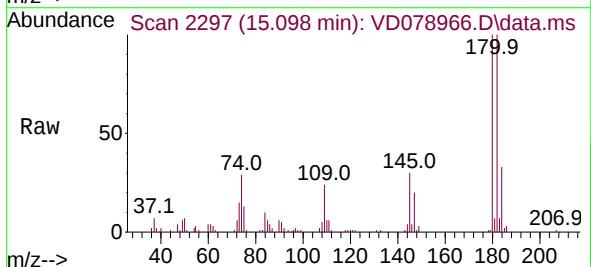
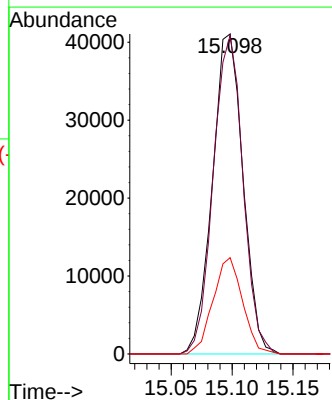
Tgt Ion:180 Resp: 71760

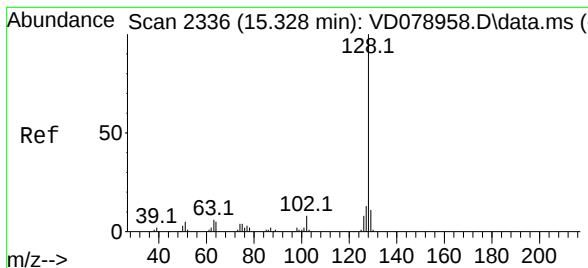
Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

145 29.1 22.8 34.2





#71

Naphthalene

Concen: 22.655 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

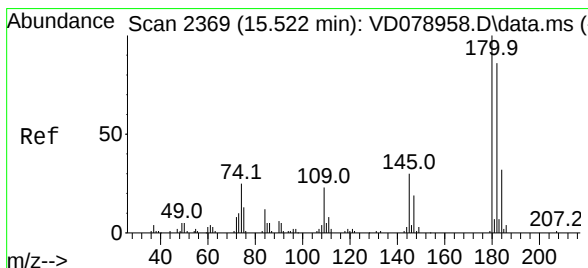
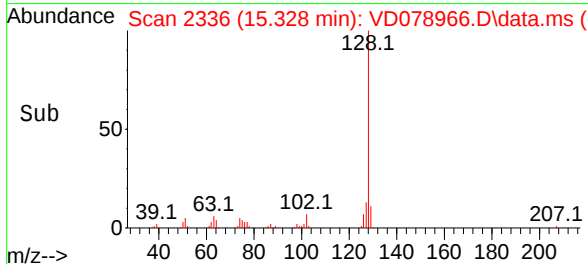
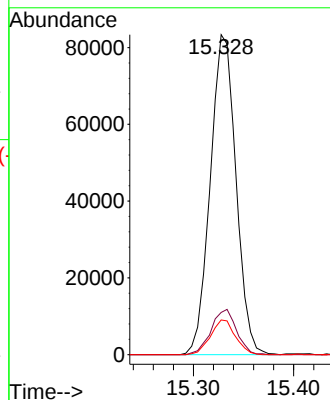
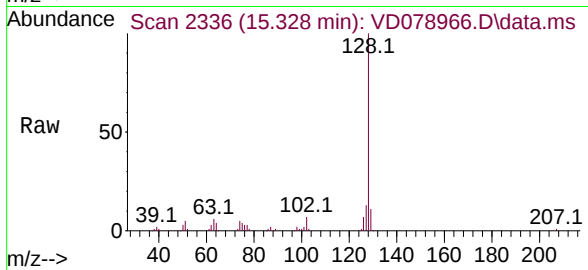
Tgt Ion:128 Resp: 148708

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 10.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.959 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078966.D

Acq: 17 May 2024 17:26

Tgt Ion:180 Resp: 69040

Ion Ratio Lower Upper

180 100

182 94.7 77.2 115.8

145 32.1 24.4 36.6

