

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061291.D
 Acq On : 29 Oct 2024 17:42
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 22:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 22:33:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	260658	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	246189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	123211	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84466	46.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.280%		
7) Chloroethane-d5	1.904	69	76578	47.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.640%		
11) 1,1-Dichloroethene-d2	2.560	63	162981	48.384	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.760%		
21) 2-Butanone-d5	4.608	46	150735	99.815	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.810%		
24) Chloroform-d	5.052	84	191912	49.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.060%		
26) 1,2-Dichloroethane-d4	5.689	65	123385	50.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.040%		
32) Benzene-d6	5.718	84	389177	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
36) 1,2-Dichloropropane-d6	6.679	67	120918	50.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.260%		
41) Toluene-d8	7.888	98	364373	49.650	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.300%		
43) trans-1,3-Dichloroprop...	8.171	79	59406	49.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.520%		
47) 2-Hexanone-d5	8.621	63	121207	99.321	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.320%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	189020	49.788	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.580%		
66) 1,2-Dichlorobenzene-d4	12.184	152	132001	48.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	94258	51.865	ug/L	100
3) Chloromethane	1.518	50	88088	51.507	ug/L	100
5) Vinyl chloride	1.602	62	93793	50.718	ug/L	100
6) Bromomethane	1.843	94	67849	49.557	ug/L	98
8) Chloroethane	1.924	64	60571	50.077	ug/L	98
9) Trichlorofluoromethane	2.133	101	132974	51.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	77012	51.538	ug/L	99
12) 1,1-Dichloroethene	2.573	96	74237	52.155	ug/L	99
13) Acetone	2.615	43	107118	96.276	ug/L	98
14) Carbon disulfide	2.785	76	221959	51.006	ug/L	99
15) Methyl Acetate	2.940	43	90100	51.488	ug/L	98
16) Methylene chloride	3.036	84	88852	50.478	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	79530	51.134	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	270726	50.478	ug/L	99
19) 1,1-Dichloroethane	3.859	63	154043	51.681	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	96184	52.006	ug/L	98
22) 2-Butanone	4.685	43	142571	100.178	ug/L	98
23) Bromochloromethane	4.965	128	48721	51.435	ug/L	93
25) Chloroform	5.078	83	160816	50.494	ug/L	95

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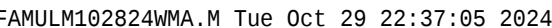
Instrument :
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 ClientSampleId :

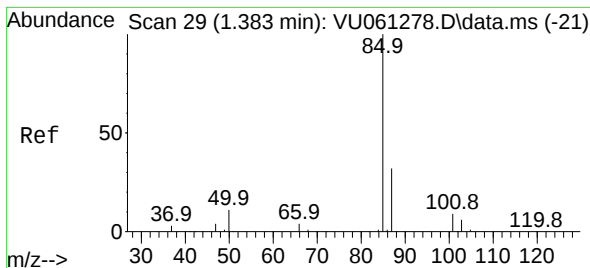
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	130443	51.212	ug/L	96
29) Cyclohexane	5.377	56	137486	52.138	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	138945	51.452	ug/L	99
31) Carbon tetrachloride	5.515	117	118511	51.028	ug/L	100
33) Benzene	5.763	78	363438	52.089	ug/L	100
34) Trichloroethene	6.534	95	93969	51.459	ug/L	99
35) Methylcyclohexane	6.753	83	146026	51.735	ug/L	100
37) 1,2-Dichloropropane	6.782	63	93756	50.483	ug/L	99
38) Bromodichloromethane	7.097	83	122102	51.474	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	153581	51.882	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	260312	101.809	ug/L	99
42) Toluene	7.962	91	395967	52.122	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	143553	52.101	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	95800	51.332	ug/L	97
46) Tetrachloroethene	8.544	164	67365	51.319	ug/L	95
48) 2-Hexanone	8.672	43	210745	101.590	ug/L	99
49) Dibromochloromethane	8.801	129	93737	50.650	ug/L	95
50) 1,2-Dibromoethane	8.914	107	105218	51.020	ug/L	98
51) Chlorobenzene	9.438	112	249250	51.139	ug/L	98
52) Ethylbenzene	9.563	91	429035	52.165	ug/L	98
53) m,p-Xylene	9.685	106	164492	52.438	ug/L	96
54) o-Xylene	10.090	106	163676	52.583	ug/L	96
55) Styrene	10.106	104	268187	52.966	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	167536	51.333	ug/L	99
59) Bromoform	10.280	173	71703	50.204	ug/L	99
60) 1,2,3-Trichloropropane	10.811	75	130660	49.974	ug/L	99
61) Isopropylbenzene	10.476	105	416440	51.362	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	341300	51.851	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	340809	52.568	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	184194	50.832	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	185823	50.469	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	184696	50.529	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	34364	48.782	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	122671	50.513	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	102191	49.202	ug/L	99
71) Naphthalene	14.077	128	305457	45.796	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	94118	46.399	ug/L	99

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

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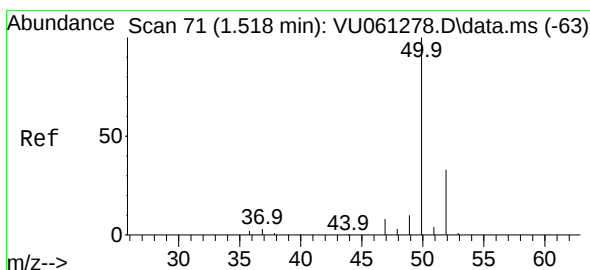
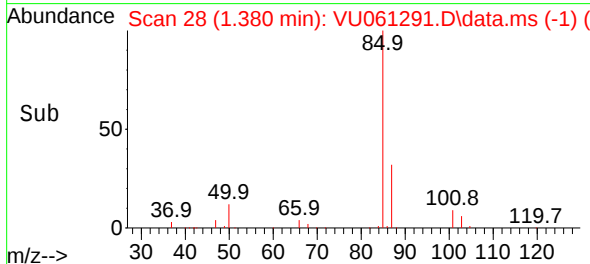
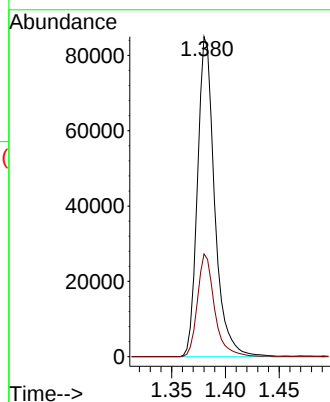
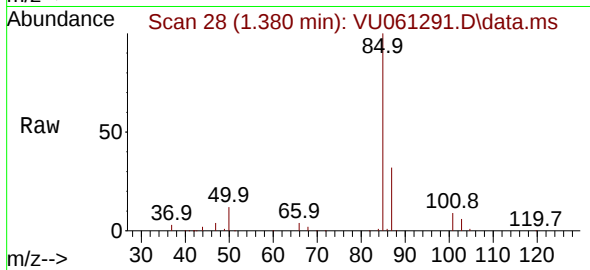




#2
 Dichlorodifluoromethane
 Concen: 51.865 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU061291.D
 Acq: 29 Oct 2024 17:42

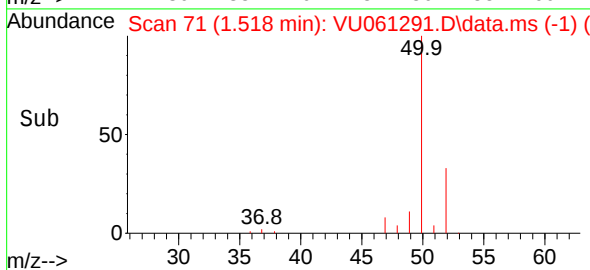
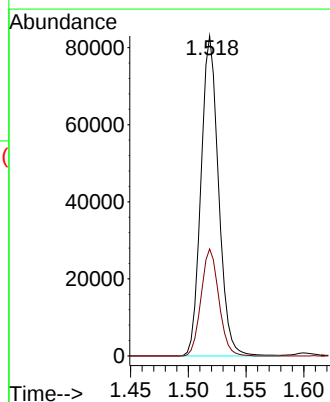
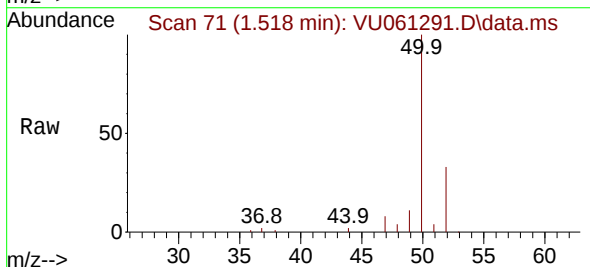
Instrument :
 MSVOA_U
 ClientSampleId :

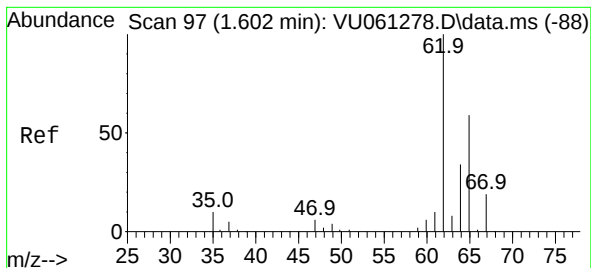
Tgt Ion: 85 Resp: 94258
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.7 38.5



#3
 Chloromethane
 Concen: 51.507 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061291.D
 Acq: 29 Oct 2024 17:42

Tgt Ion: 50 Resp: 88088
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.6 43.8





#5

Vinyl chloride

Concen: 50.718 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

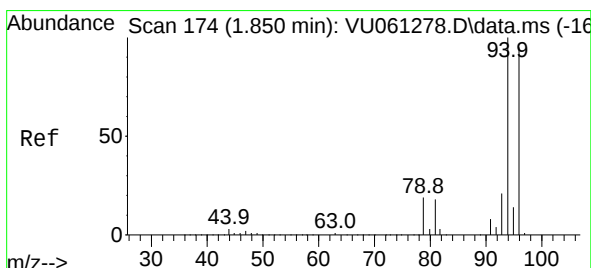
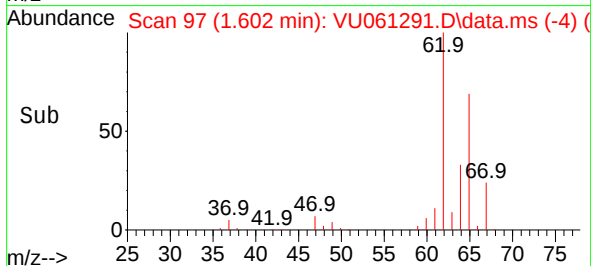
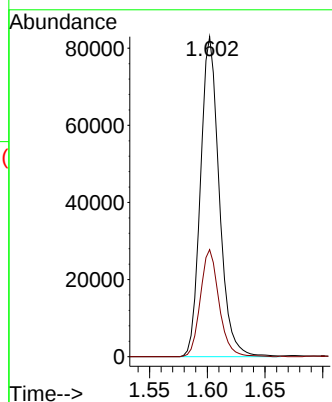
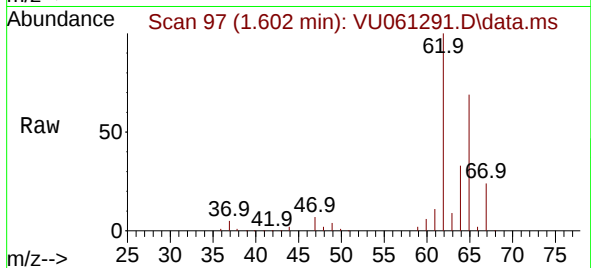
ClientSampleId :

Tgt Ion: 62 Resp: 93793

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 49.557 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.006 min

Lab File: VU061291.D

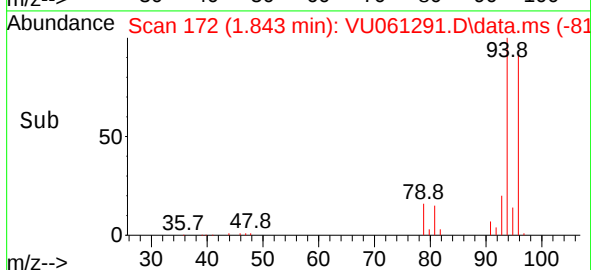
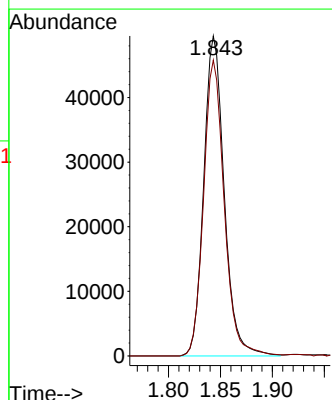
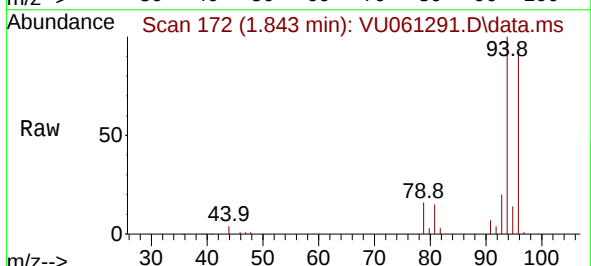
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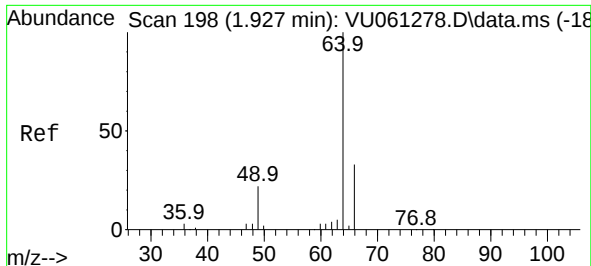
Tgt Ion: 94 Resp: 67849

Ion Ratio Lower Upper

94 100

96 92.5 66.1 122.8

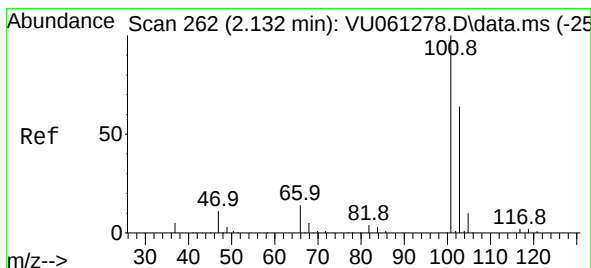
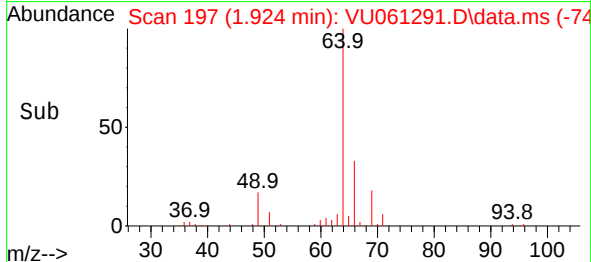
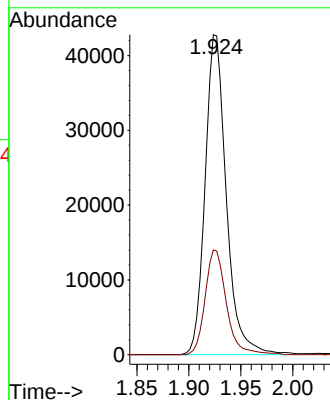
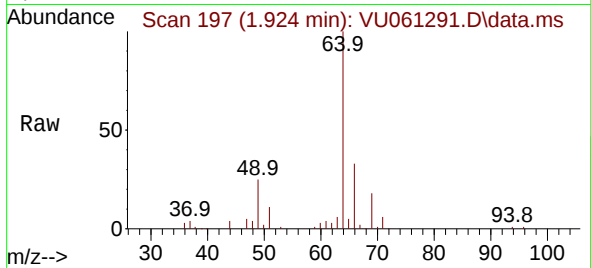




#8
Chloroethane
Concen: 50.077 ug/L
RT: 1.924 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

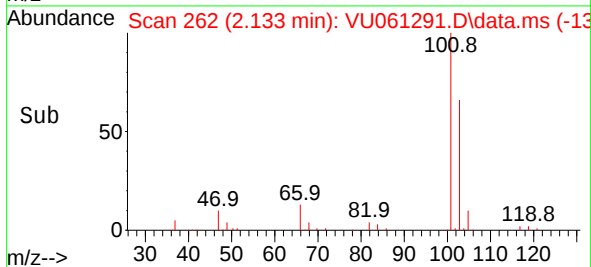
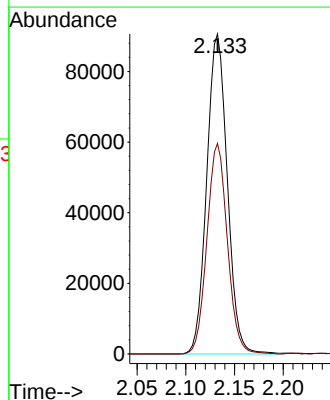
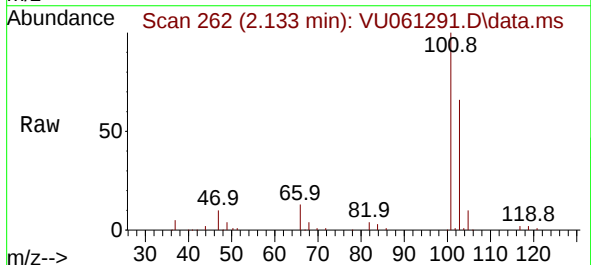
Instrument :
MSVOA_U
ClientSampleId :

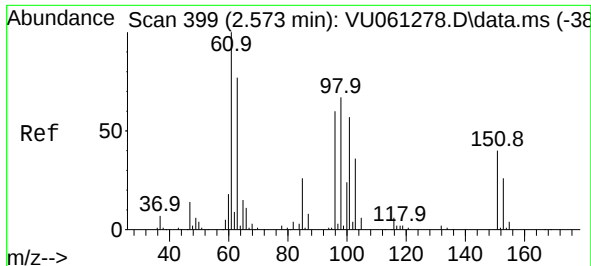
Tgt Ion: 64 Resp: 60571
Ion Ratio Lower Upper
64 100
66 32.7 23.6 43.8



#9
Trichlorofluoromethane
Concen: 51.446 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion:101 Resp: 132974
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

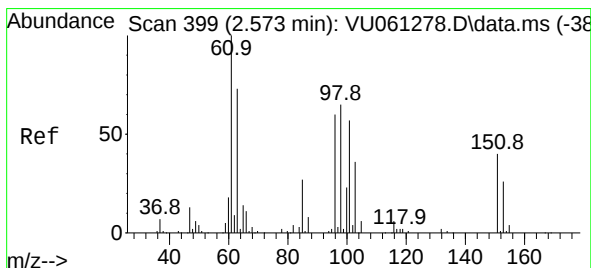
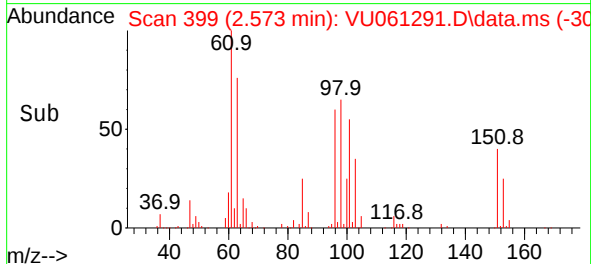
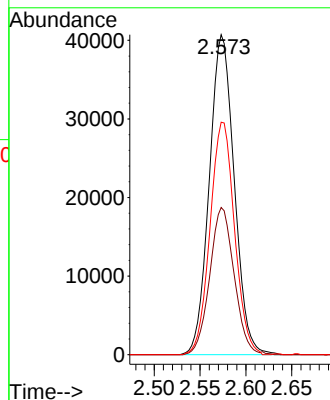
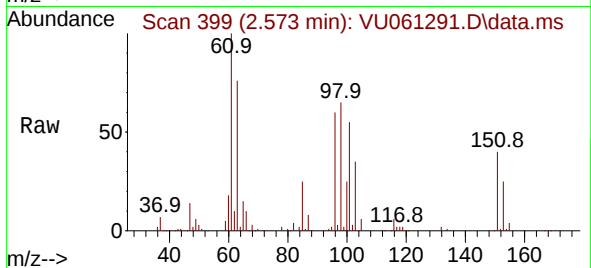




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.538 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

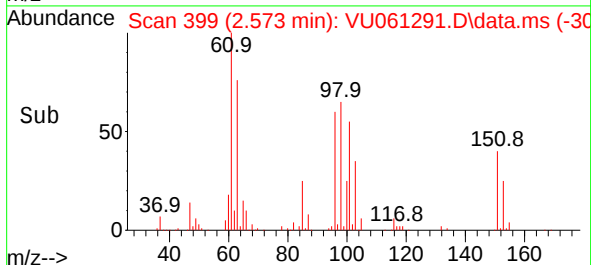
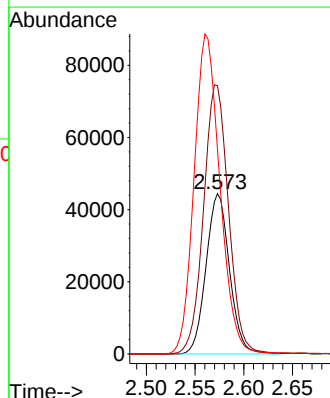
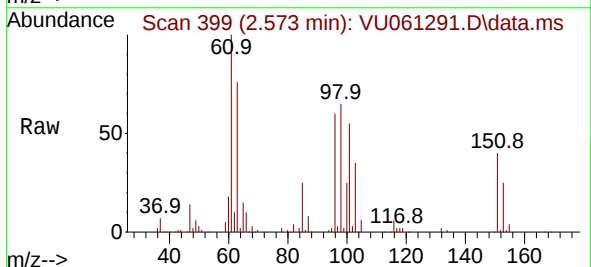
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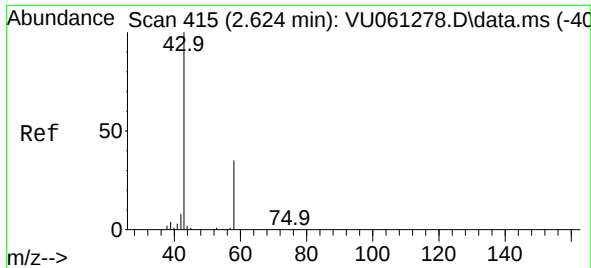
Tgt Ion:101 Resp: 77012
Ion Ratio Lower Upper
101 100
85 44.8 36.4 54.6
151 71.4 57.0 85.4



#12
1,1-Dichloroethene
Concen: 52.155 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 96 Resp: 74237
Ion Ratio Lower Upper
96 100
61 167.3 117.1 217.5
63 127.4 86.6 160.8





#13

Acetone

Concen: 96.276 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

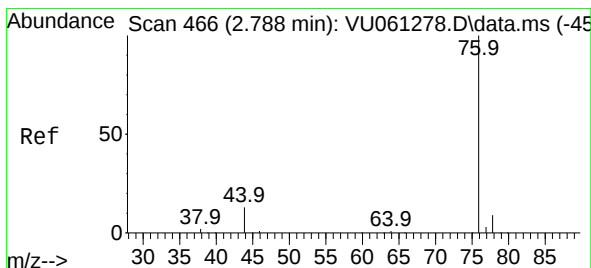
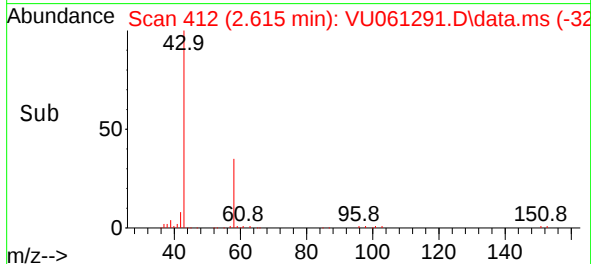
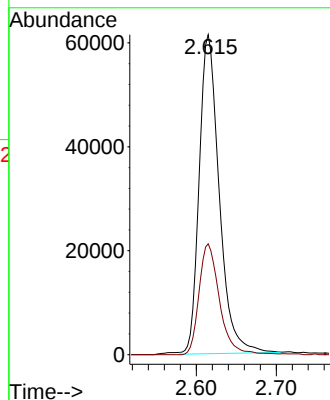
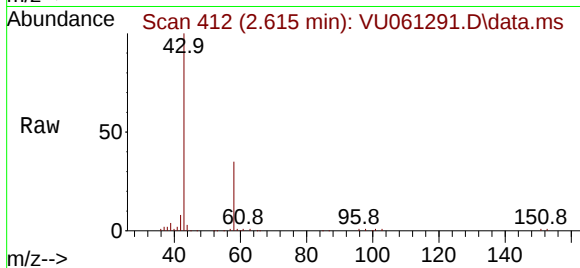
ClientSampleId :

Tgt Ion: 43 Resp: 107118

Ion Ratio Lower Upper

43 100

58 35.5 0.0 68.2



#14

Carbon disulfide

Concen: 51.006 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061291.D

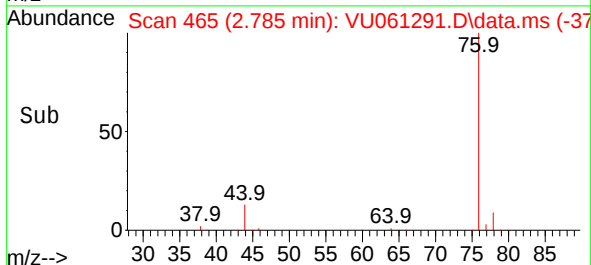
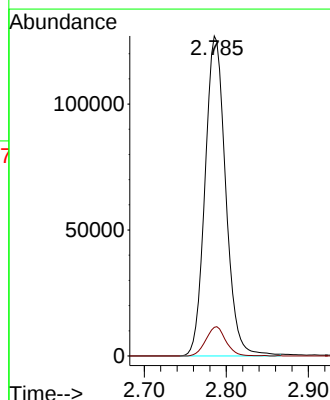
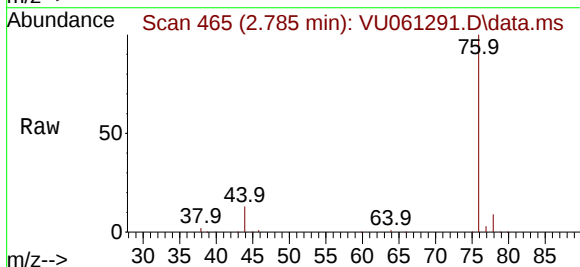
Acq: 29 Oct 2024 17:42

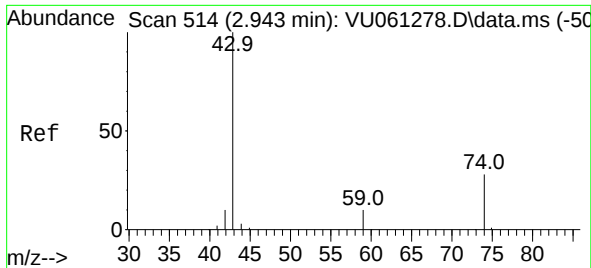
Tgt Ion: 76 Resp: 221959

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





#15

Methyl Acetate

Concen: 51.488 ug/L

RT: 2.940 min Scan# 514

Delta R.T. -0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

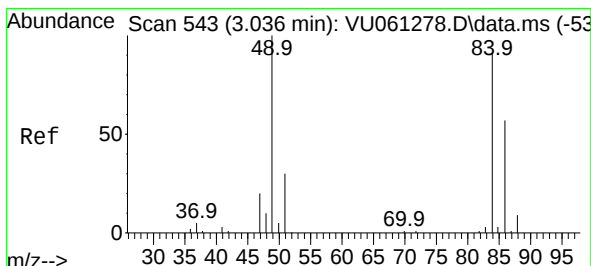
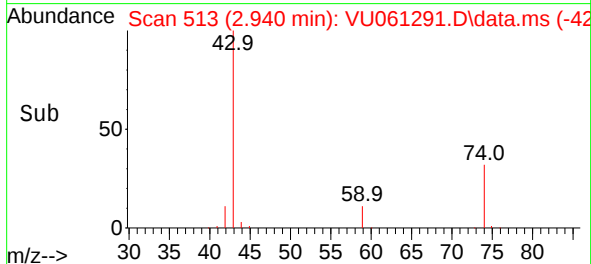
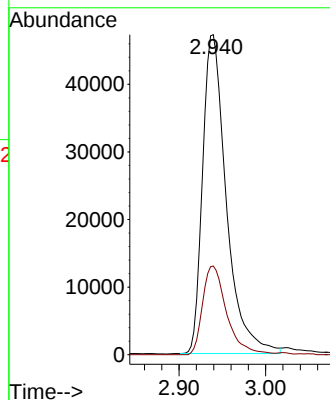
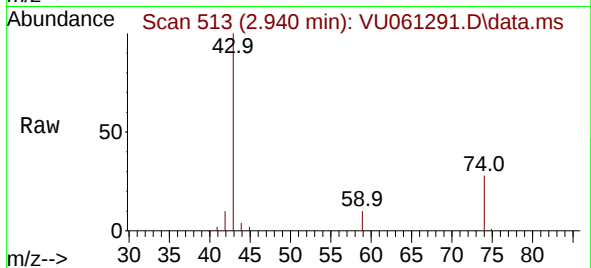
ClientSampleId :

Tgt Ion: 43 Resp: 90100

Ion Ratio Lower Upper

43 100

74 28.1 23.2 34.8



#16

Methylene chloride

Concen: 50.478 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

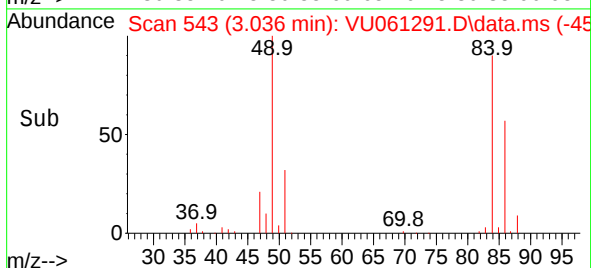
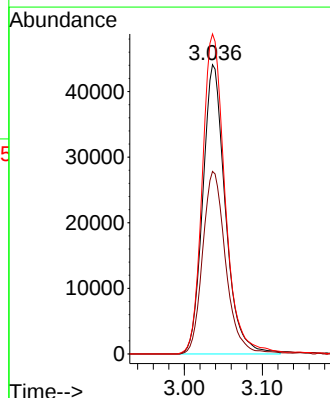
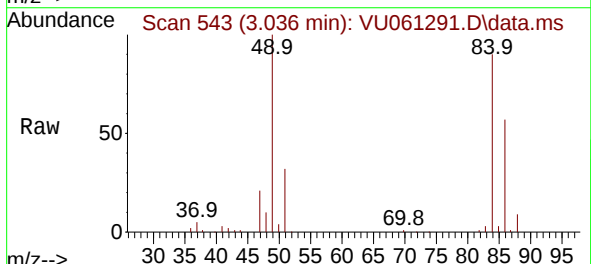
Tgt Ion: 84 Resp: 88852

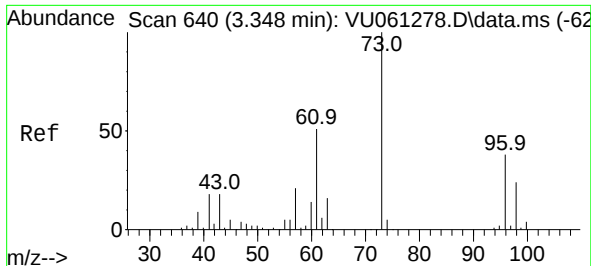
Ion Ratio Lower Upper

84 100

86 63.1 45.3 84.1

49 110.6 78.3 145.5

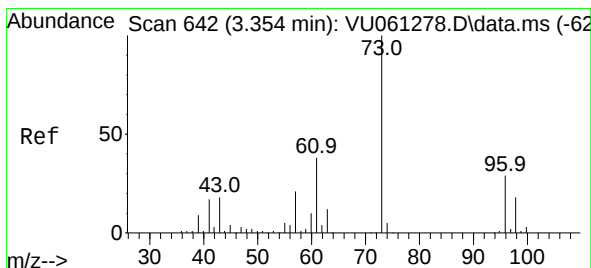
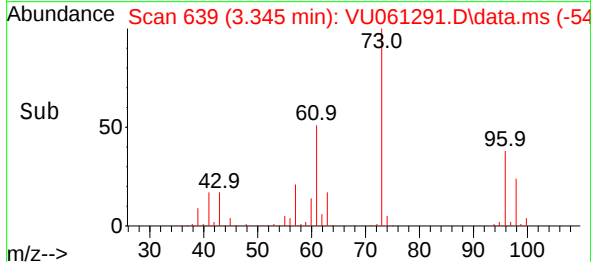
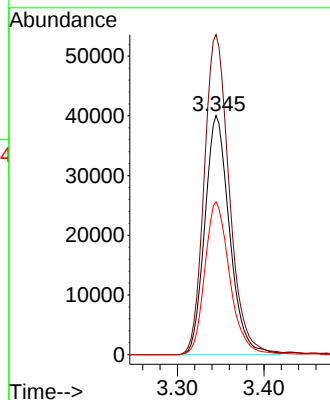
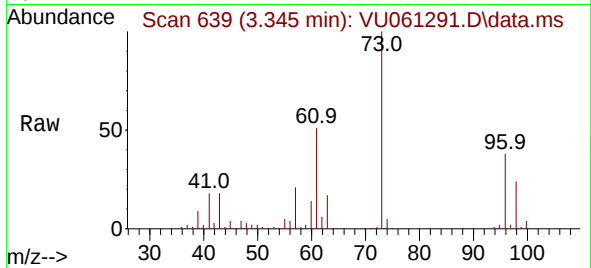




#17
trans-1,2-Dichloroethene
Concen: 51.134 ug/L
RT: 3.345 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

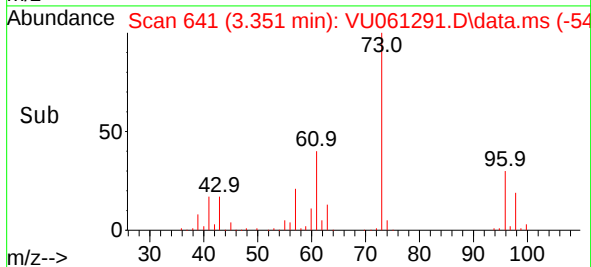
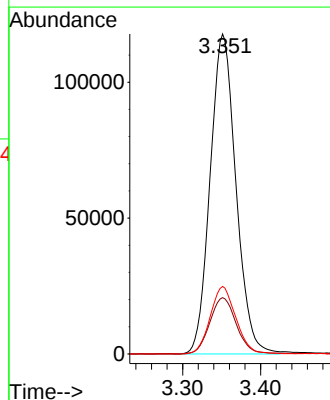
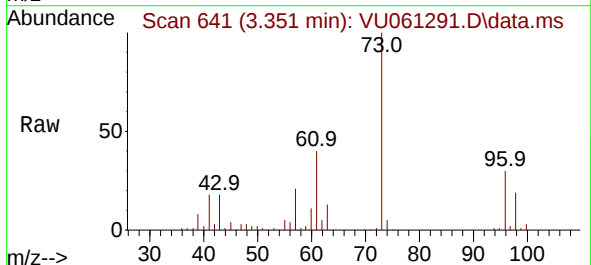
Instrument :
MSVOA_U
ClientSampleId :

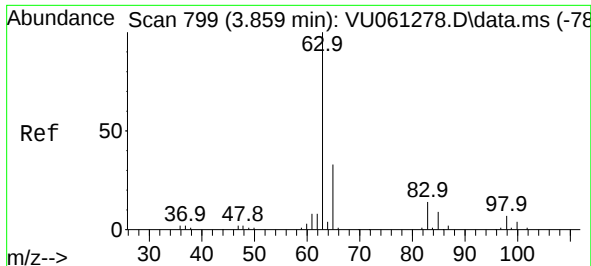
Tgt Ion: 96 Resp: 79530
Ion Ratio Lower Upper
96 100
61 133.8 95.3 177.1
98 63.9 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 50.478 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 73 Resp: 270726
Ion Ratio Lower Upper
73 100
43 18.1 14.8 22.2
57 21.0 17.0 25.6





#19

1,1-Dichloroethane

Concen: 51.681 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

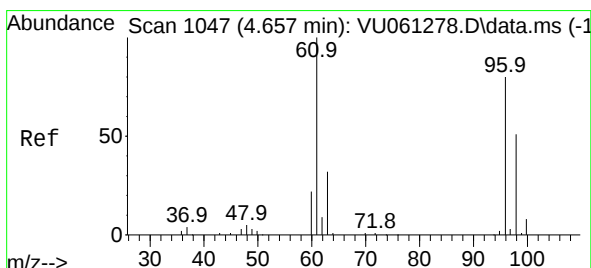
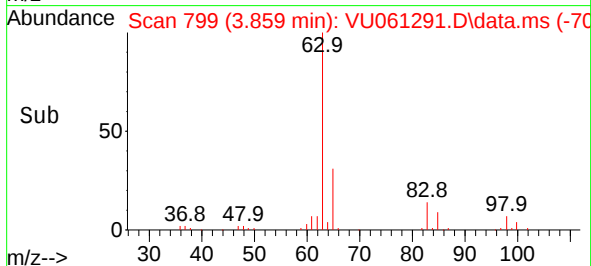
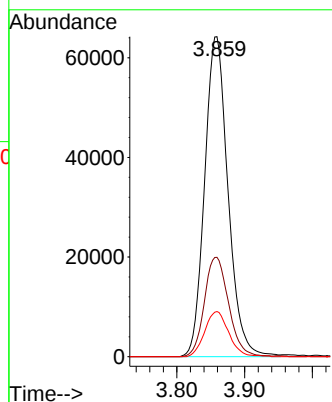
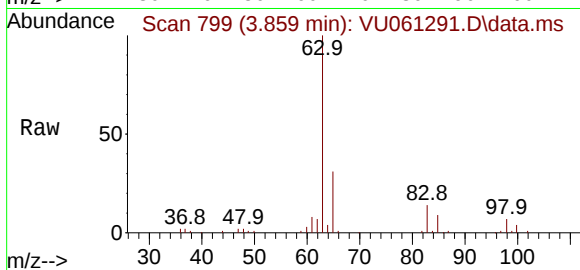
Tgt Ion: 63 Resp: 154043

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 14.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.006 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

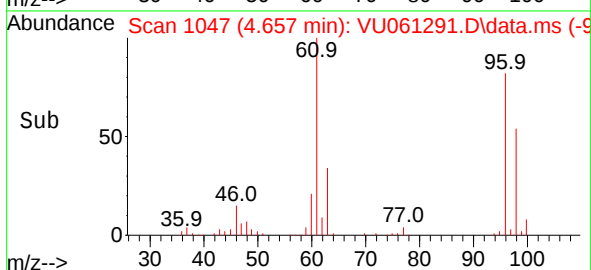
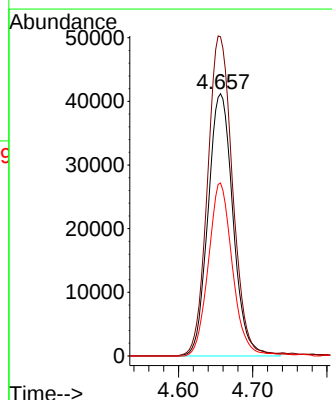
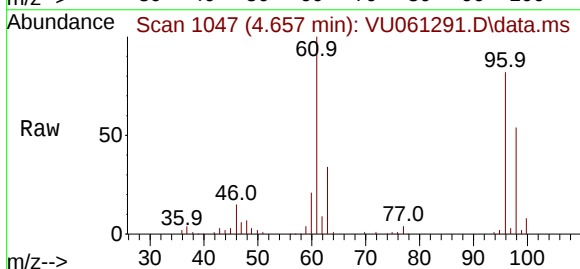
Tgt Ion: 96 Resp: 96184

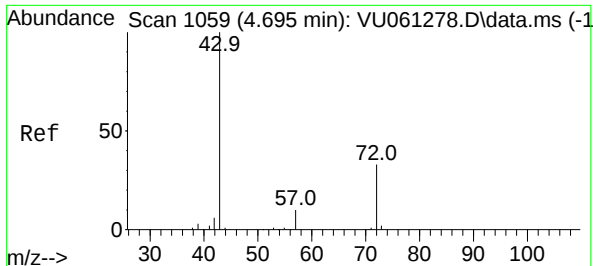
Ion Ratio Lower Upper

96 100

61 121.7 87.2 161.9

98 65.9 45.2 84.0

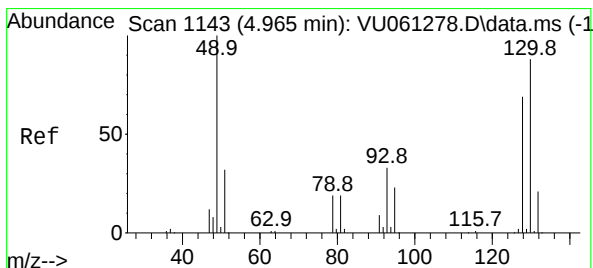
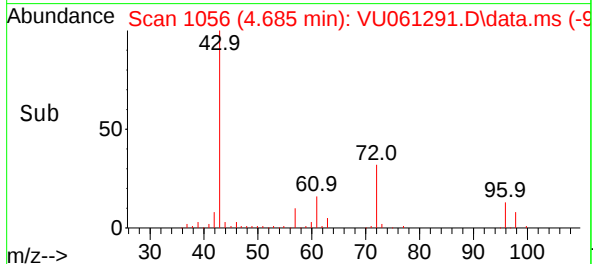
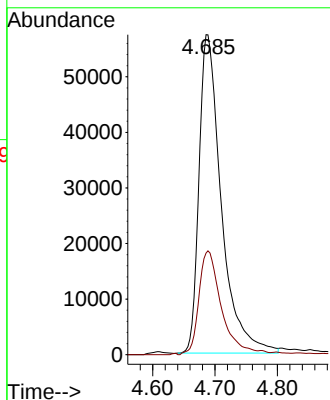
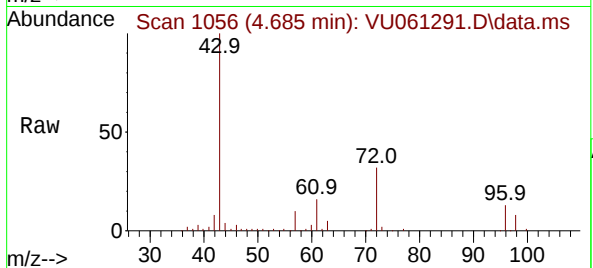




#22
2-Butanone
Concen: 100.178 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.010 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

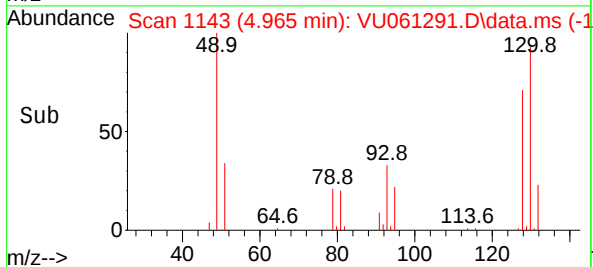
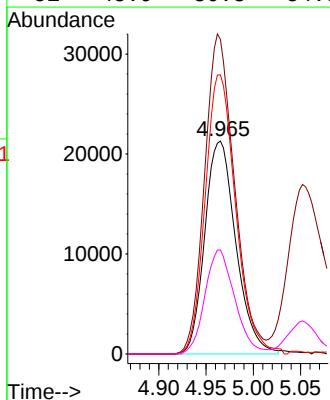
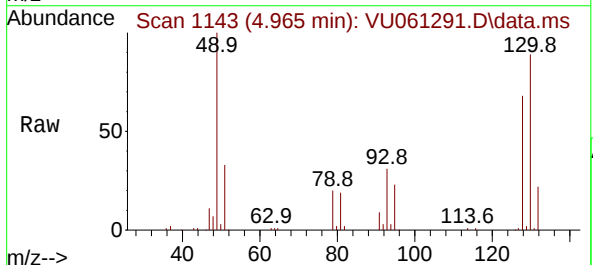
Instrument :
MSVOA_U
ClientSampleId :

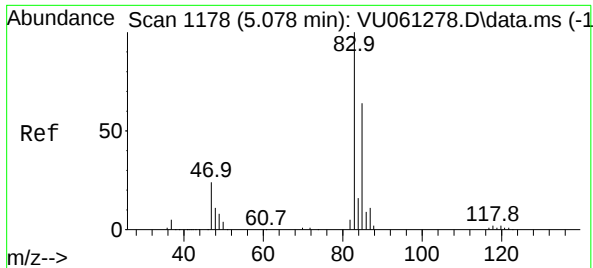
Tgt Ion: 43 Resp: 142571
Ion Ratio Lower Upper
43 100
72 32.5 15.8 47.4



#23
Bromochloromethane
Concen: 51.435 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion:128 Resp: 48721
Ion Ratio Lower Upper
128 100
49 147.7 98.7 183.3
130 131.1 85.0 157.8
51 48.9 36.3 54.5

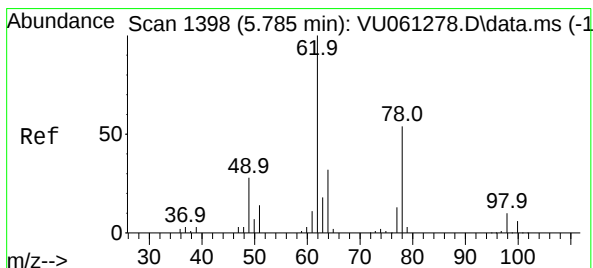
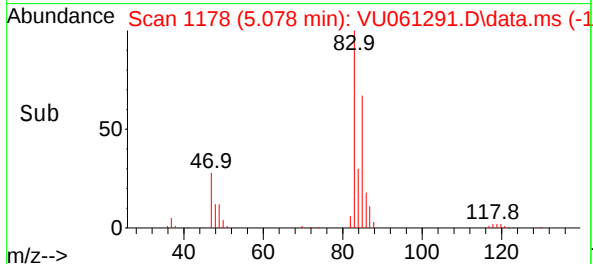
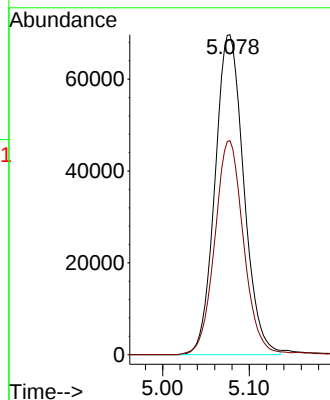
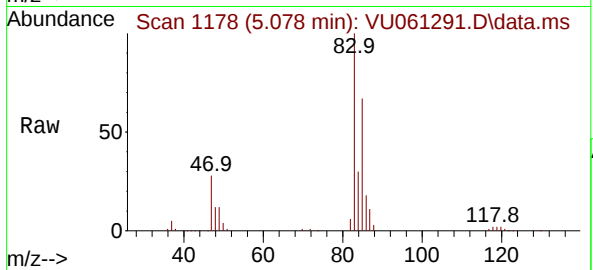




#25
Chloroform
Concen: 50.494 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

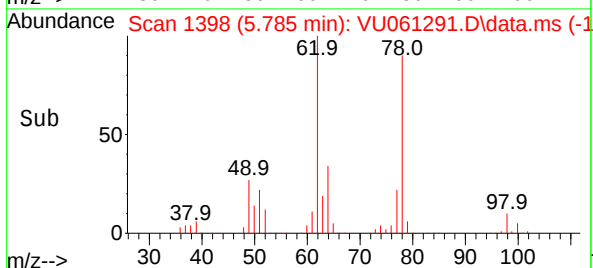
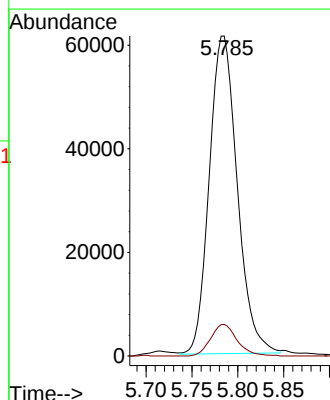
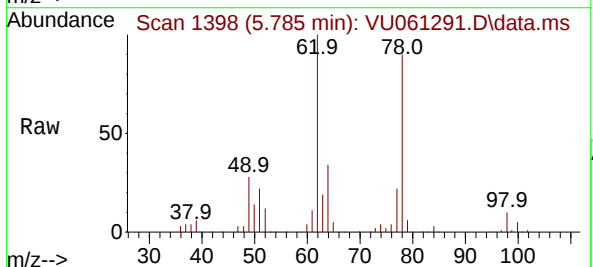
Instrument :
MSVOA_U
ClientSampleId :

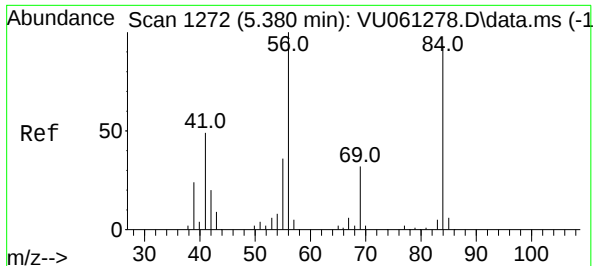
Tgt Ion: 83 Resp: 160816
Ion Ratio Lower Upper
83 100
85 66.9 44.3 82.3



#27
1,2-Dichloroethane
Concen: 51.212 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 62 Resp: 130443
Ion Ratio Lower Upper
62 100
98 9.8 6.6 10.0





#29

Cyclohexane

Concen: 52.138 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

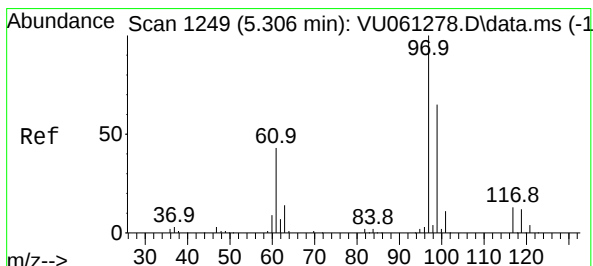
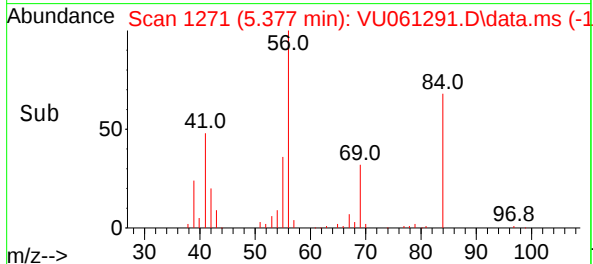
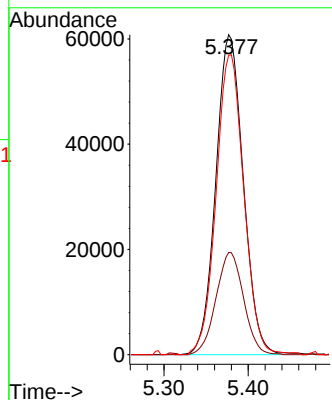
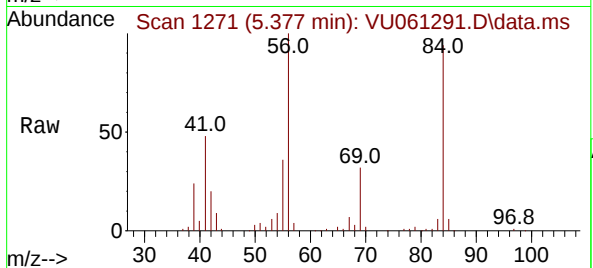
Tgt Ion: 56 Resp: 137486

Ion Ratio Lower Upper

56 100

69 32.1 26.3 39.5

84 94.4 74.6 112.0



#30

1,1,1-Trichloroethane

Concen: 51.452 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

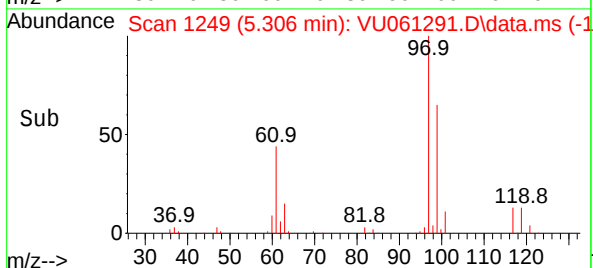
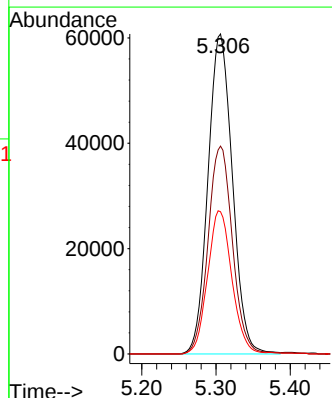
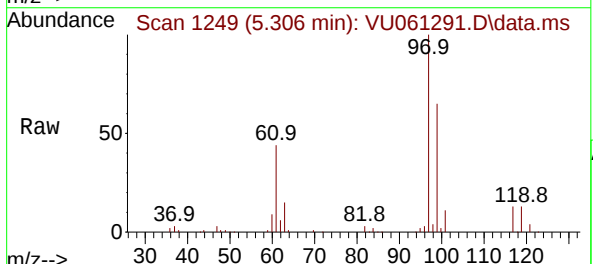
Tgt Ion: 97 Resp: 138945

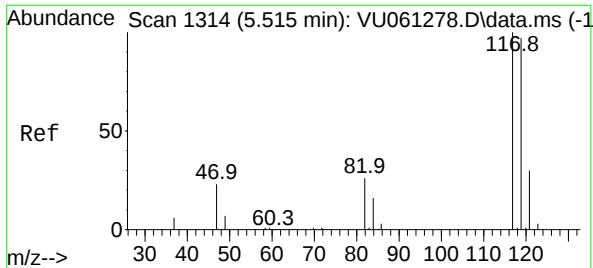
Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

61 44.4 35.9 53.9

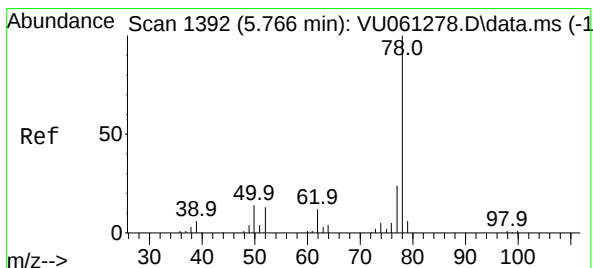
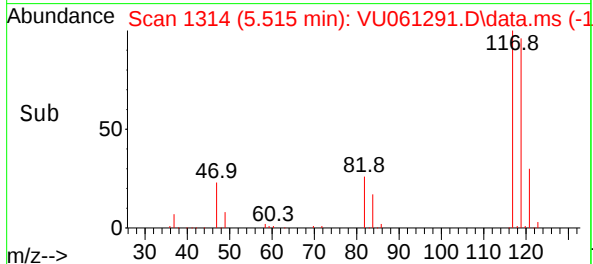
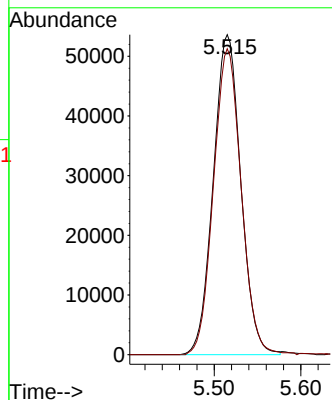
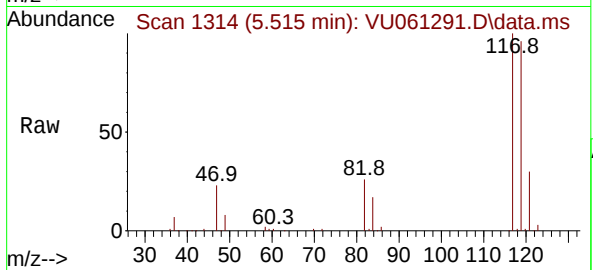




#31
Carbon tetrachloride
Concen: 51.028 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

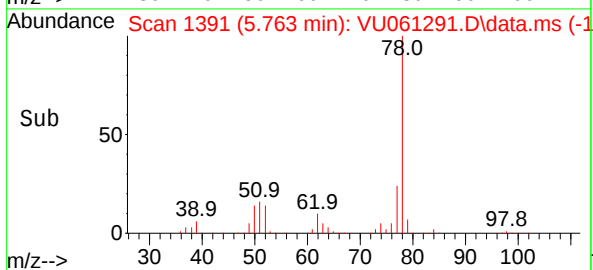
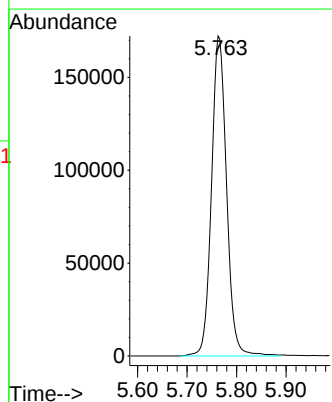
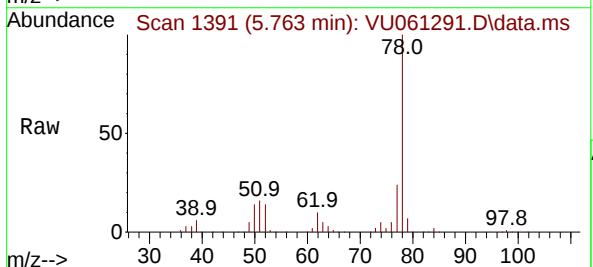
Instrument :
MSVOA_U
ClientSampleId :

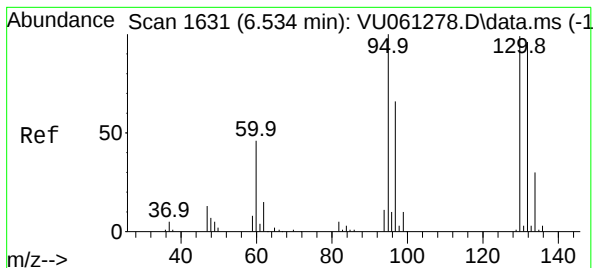
Tgt Ion:117 Resp: 118511
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 52.089 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 78 Resp: 363438





#34

Trichloroethene

Concen: 51.459 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 93969

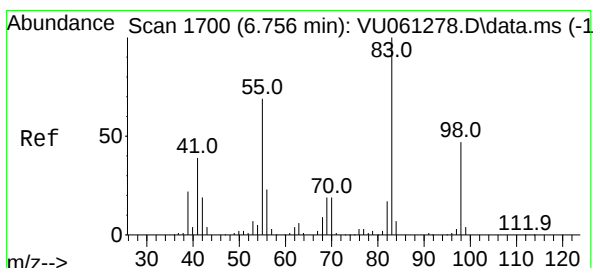
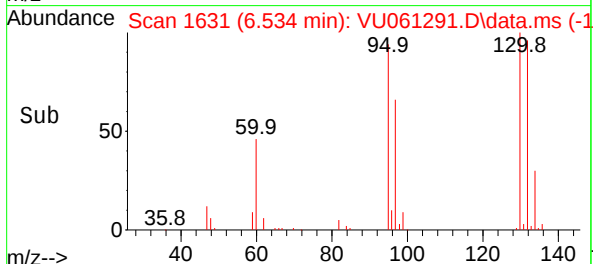
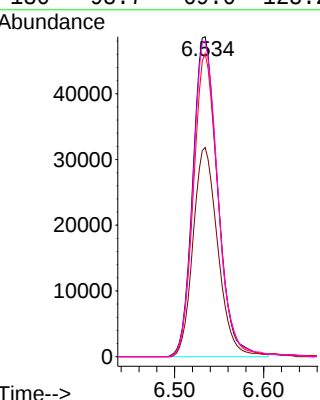
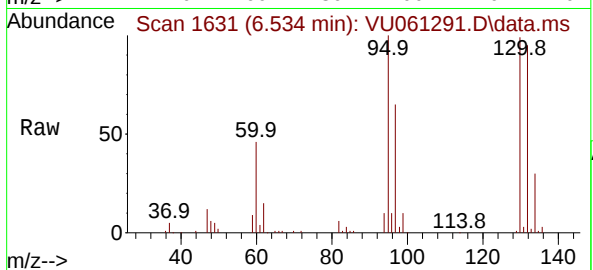
Ion Ratio Lower Upper

95 100

97 65.4 44.2 82.0

132 94.7 66.6 123.6

130 98.7 69.0 128.2



#35

Methylcyclohexane

Concen: 51.735 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

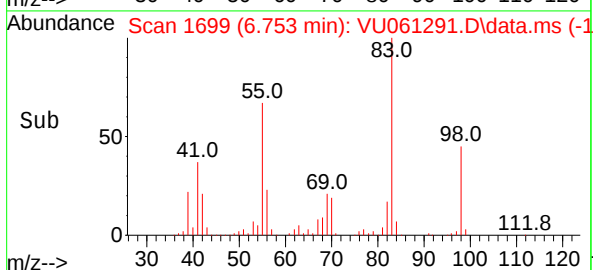
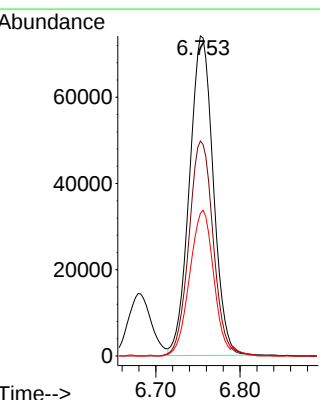
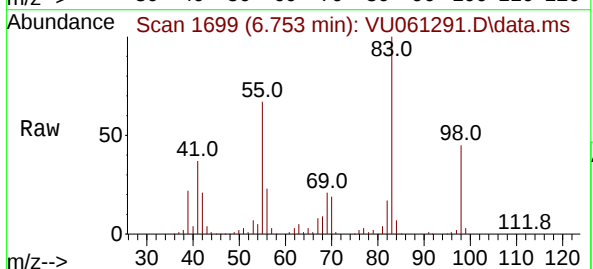
Tgt Ion: 83 Resp: 146026

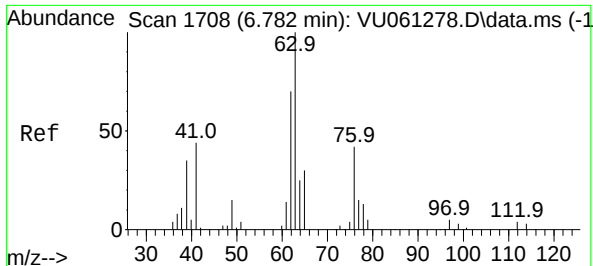
Ion Ratio Lower Upper

83 100

55 68.6 55.1 82.7

98 45.6 36.7 55.1

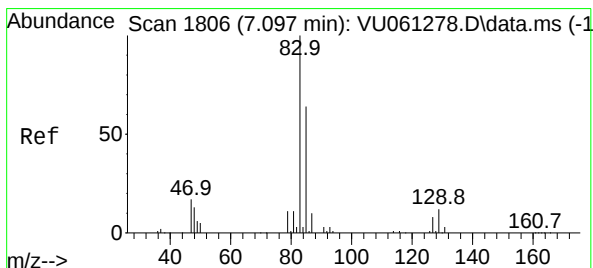
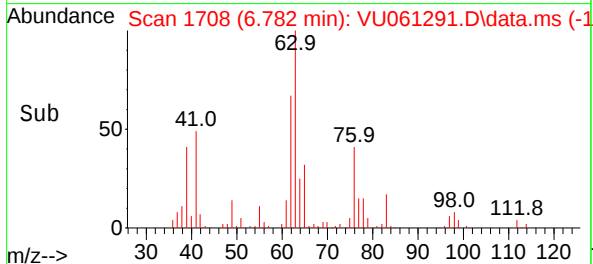
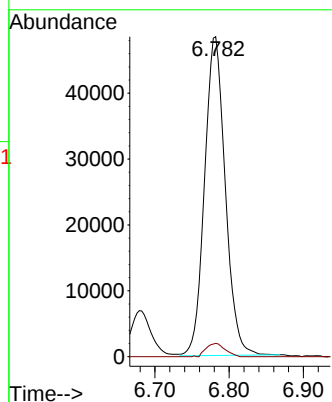
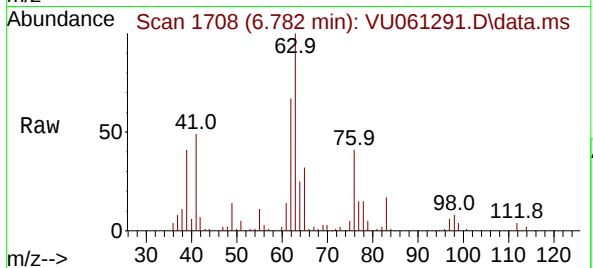




#37
1,2-Dichloropropane
Concen: 50.483 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

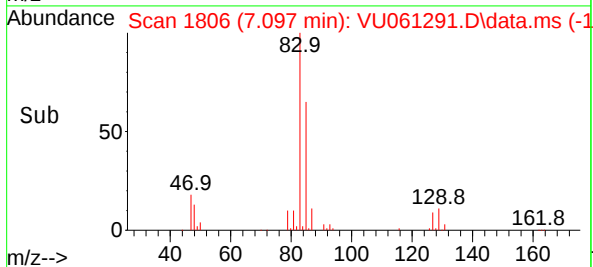
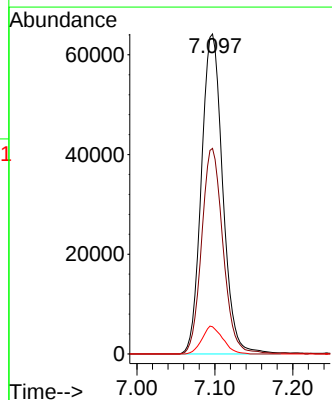
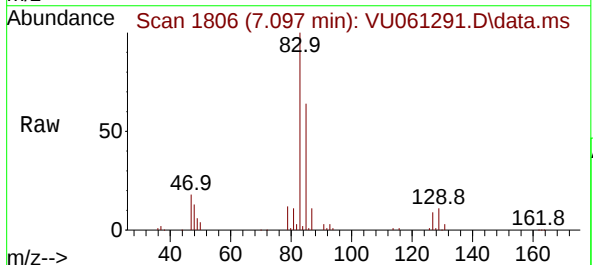
Instrument :
MSVOA_U
ClientSampleId :

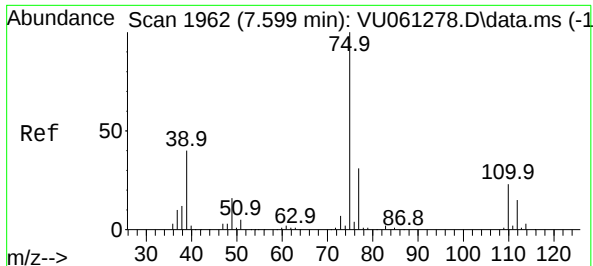
Tgt Ion: 63 Resp: 93756
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 51.474 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 83 Resp: 122102
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.0
127 8.5 6.3 9.5

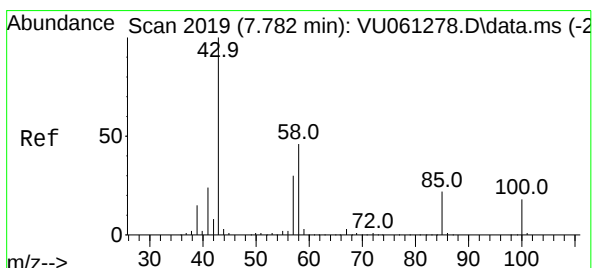
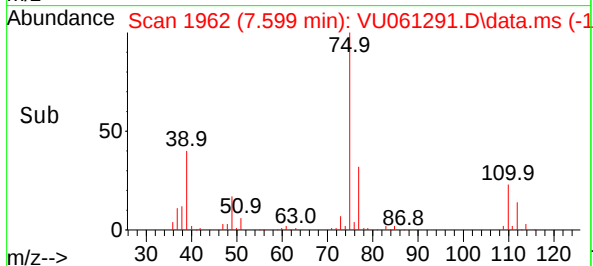
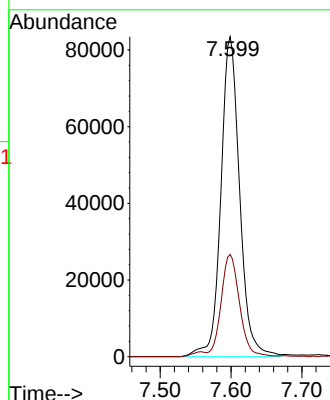
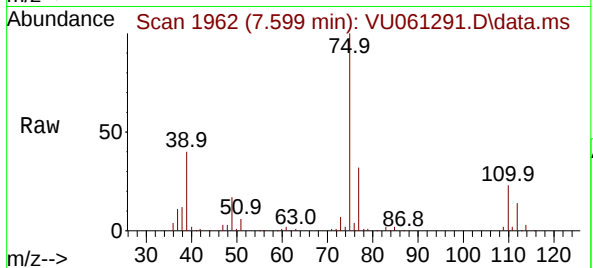




#39
cis-1,3-Dichloropropene
Concen: 51.882 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

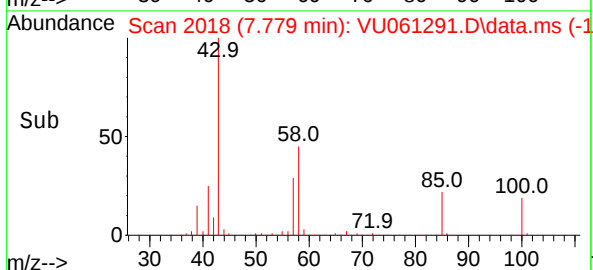
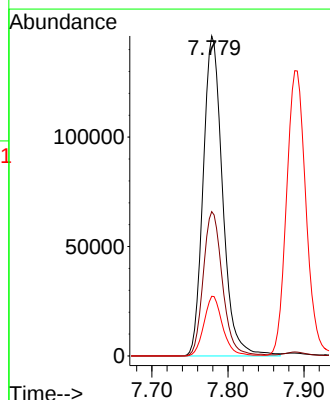
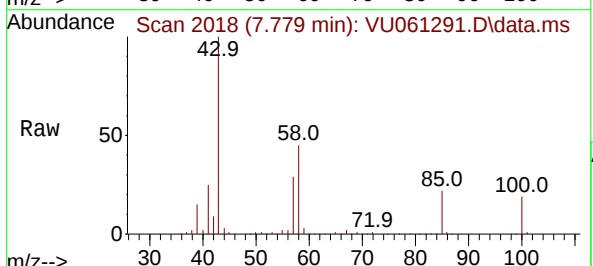
Instrument :
MSVOA_U
ClientSampleId :

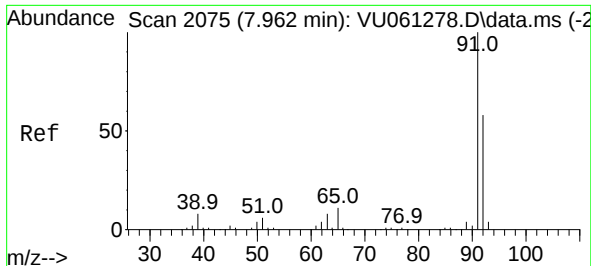
Tgt Ion: 75 Resp: 153581
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 101.809 ug/L
RT: 7.779 min Scan# 2018
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 43 Resp: 260312
Ion Ratio Lower Upper
43 100
58 44.4 35.2 52.8
100 17.9 14.4 21.6





#42

Toluene

Concen: 52.122 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

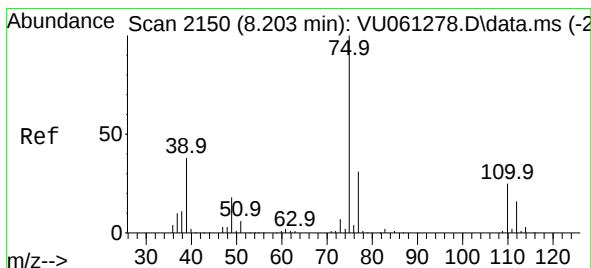
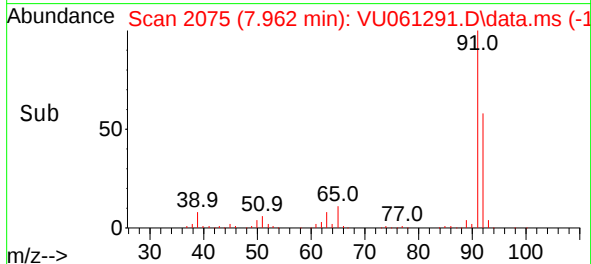
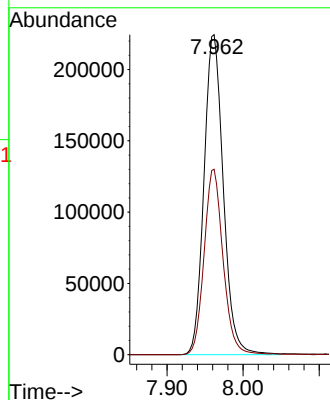
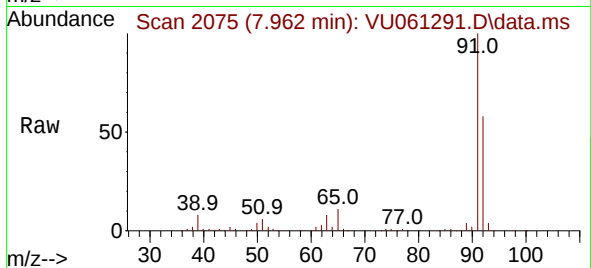
ClientSampleId :

Tgt Ion: 91 Resp: 395967

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 52.101 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061291.D

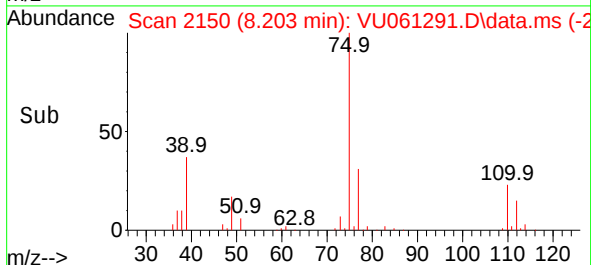
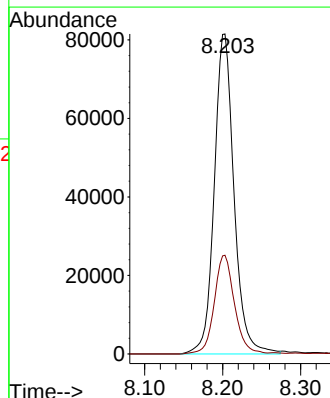
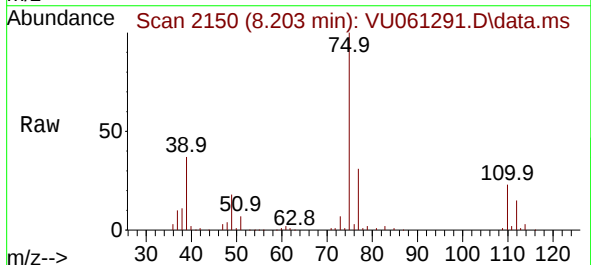
Acq: 29 Oct 2024 17:42

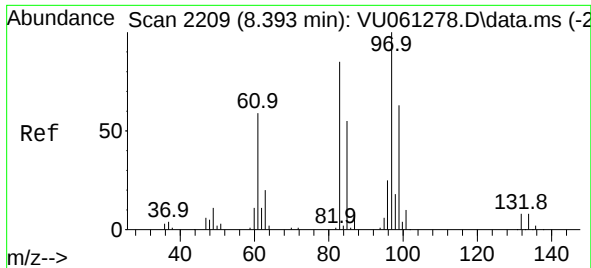
Tgt Ion: 75 Resp: 143553

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2

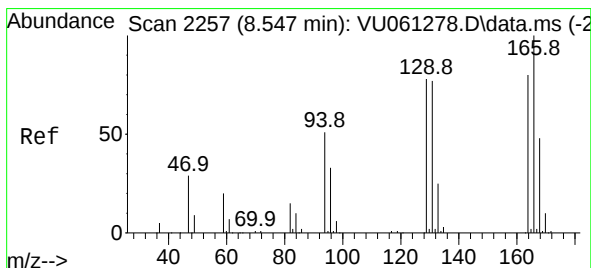
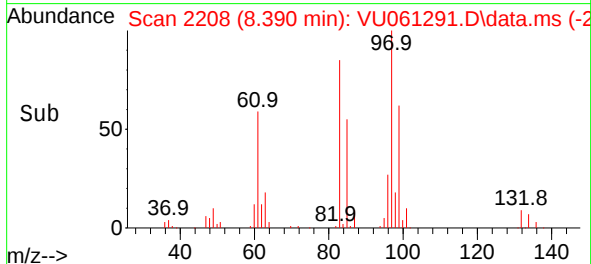
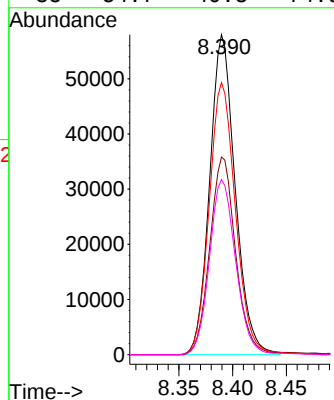
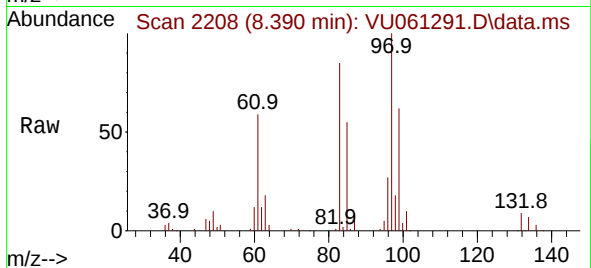




#45
1,1,2-Trichloroethane
Concen: 51.332 ug/L
RT: 8.390 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

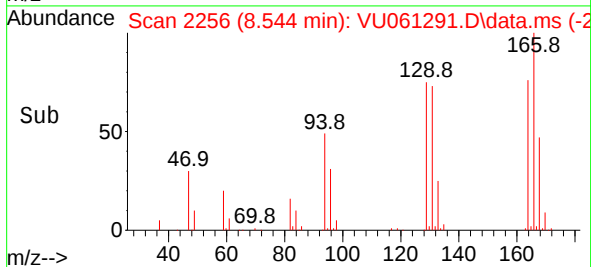
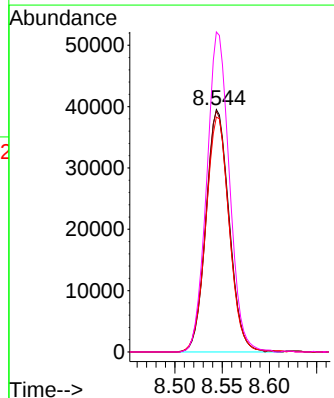
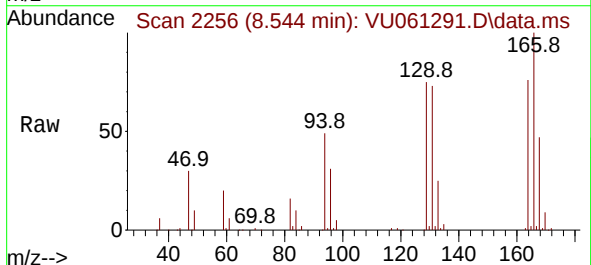
Instrument :
MSVOA_U
ClientSampleId :

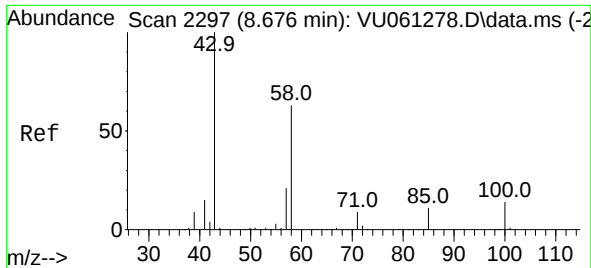
Tgt Ion:	97	Resp:	95800
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.4	82.5
83	85.1	61.0	113.2
85	54.7	40.3	74.9



#46
Tetrachloroethene
Concen: 51.319 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

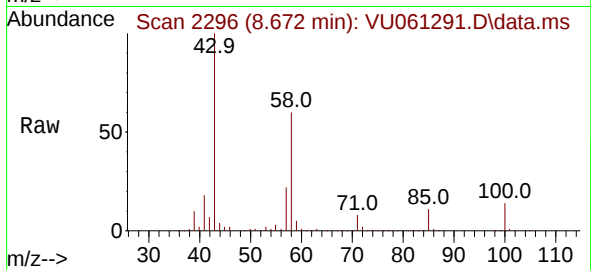
Tgt Ion:	164	Resp:	67365
Ion	Ratio	Lower	Upper
164	100		
129	99.4	71.6	133.0
131	96.9	68.6	127.4
166	134.9	86.8	161.2



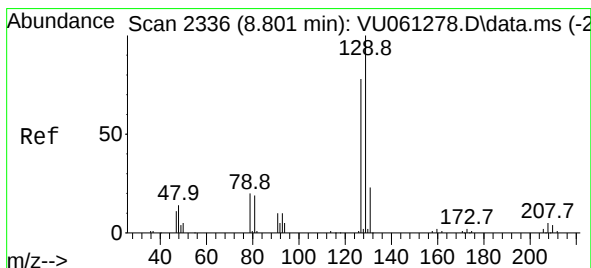
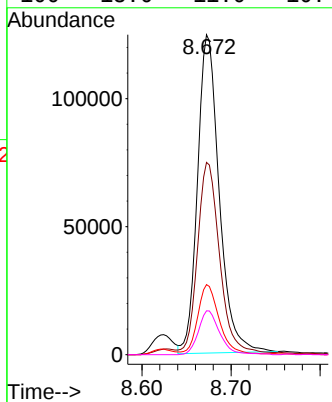
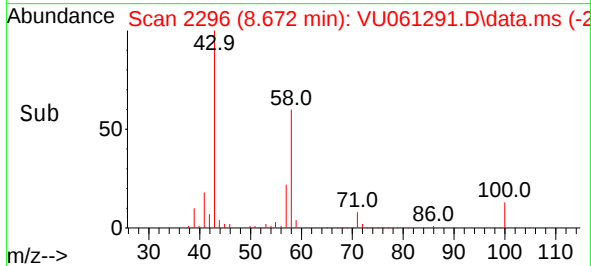


#48
2-Hexanone
Concen: 101.590 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Instrument :
MSVOA_U
ClientSampleId :

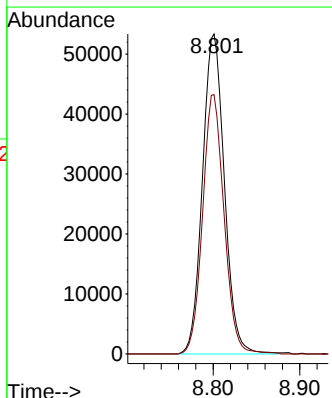
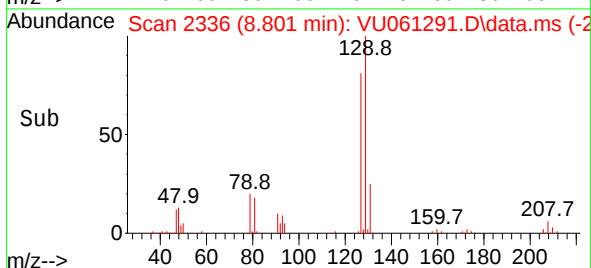
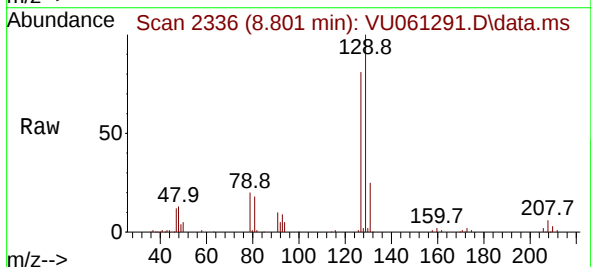


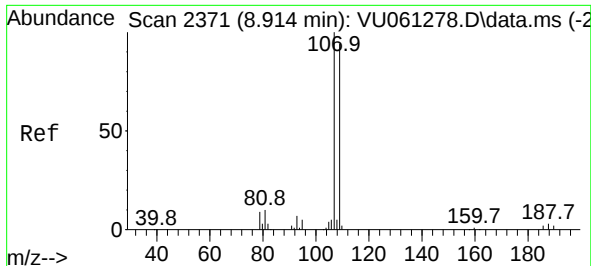
Tgt Ion: 43 Resp: 210745
Ion Ratio Lower Upper
43 100
58 60.5 49.2 73.8
57 21.4 17.4 26.2
100 13.6 11.0 16.4



#49
Dibromochloromethane
Concen: 50.650 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion: 129 Resp: 93737
Ion Ratio Lower Upper
129 100
127 81.0 53.5 99.3

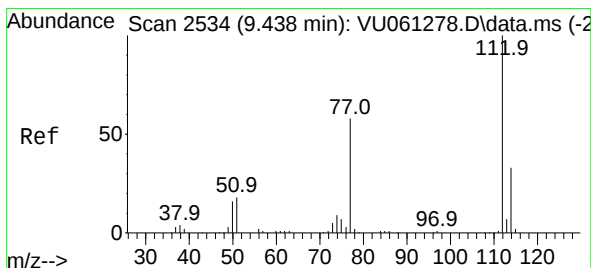
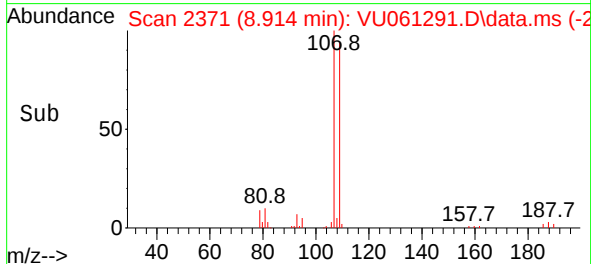
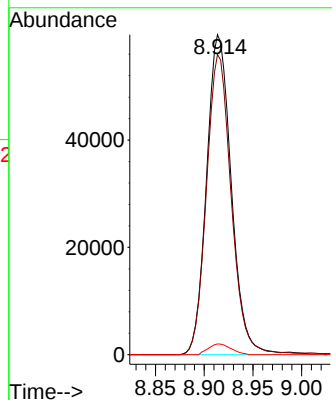
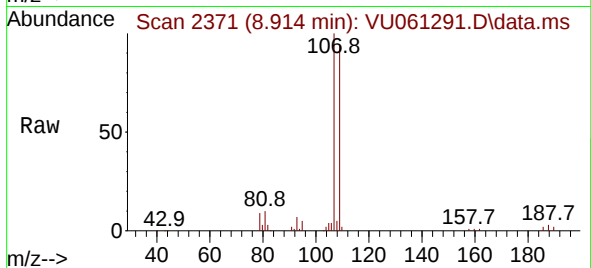




#50
1,2-Dibromoethane
Concen: 51.020 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

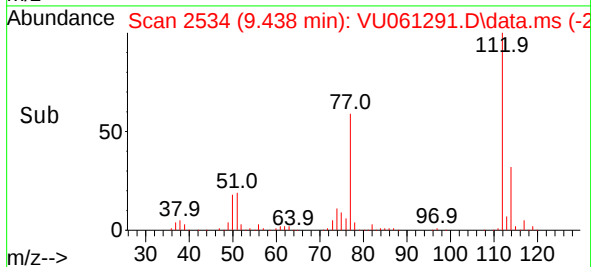
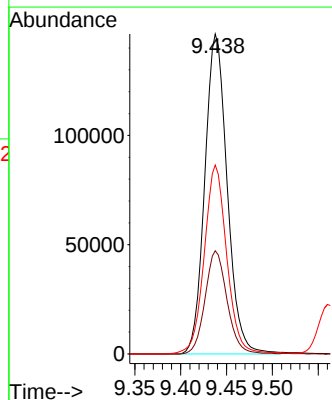
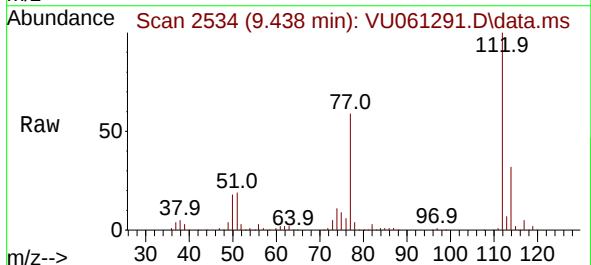
Instrument :
MSVOA_U
ClientSampleId :

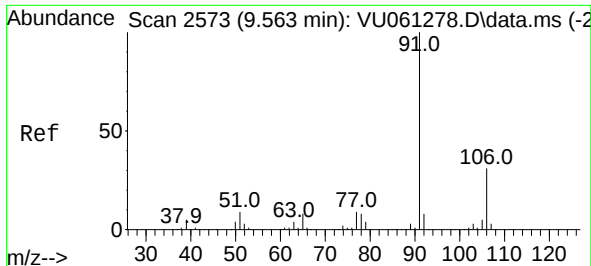
Tgt Ion:107 Resp: 105218
Ion Ratio Lower Upper
107 100
109 93.8 66.8 124.0
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 51.139 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion:112 Resp: 249250
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 59.0 45.8 68.6





#52

Ethylbenzene

Concen: 52.165 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

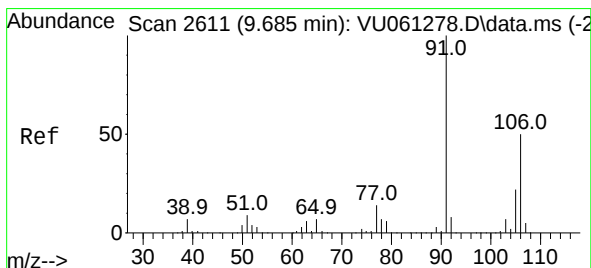
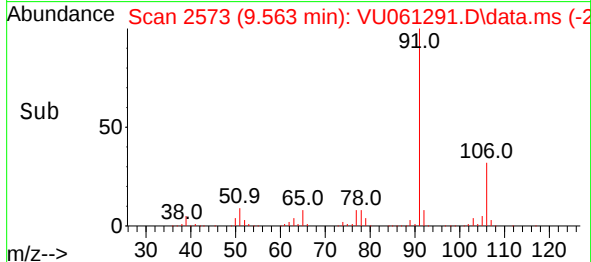
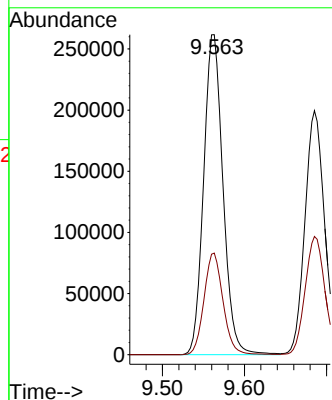
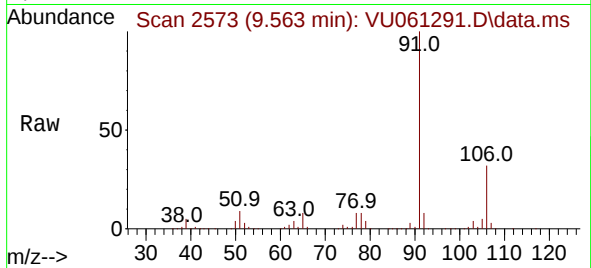
ClientSampleId :

Tgt Ion: 91 Resp: 429035

Ion Ratio Lower Upper

91 100

106 31.7 21.6 40.2



#53

m,p-Xylene

Concen: 52.438 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061291.D

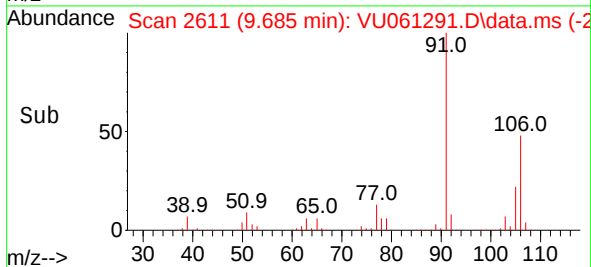
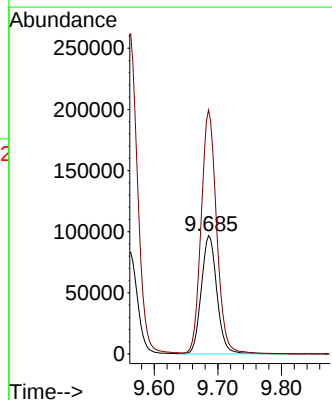
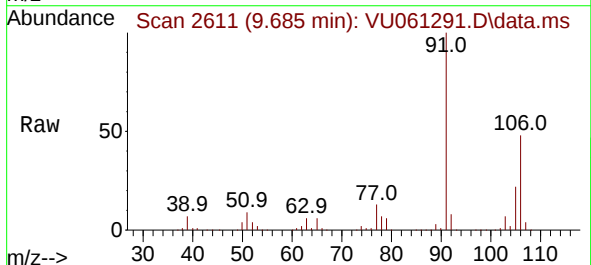
Acq: 29 Oct 2024 17:42

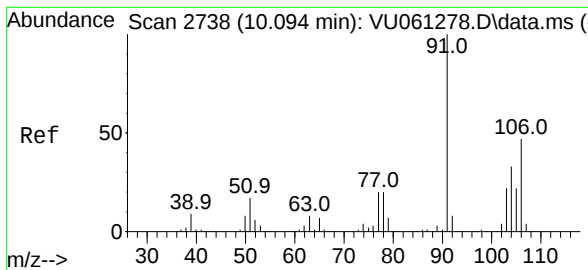
Tgt Ion:106 Resp: 164492

Ion Ratio Lower Upper

106 100

91 206.4 140.6 261.2

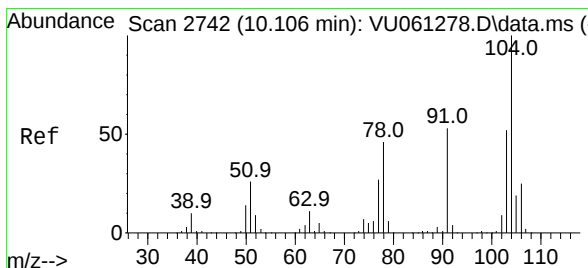
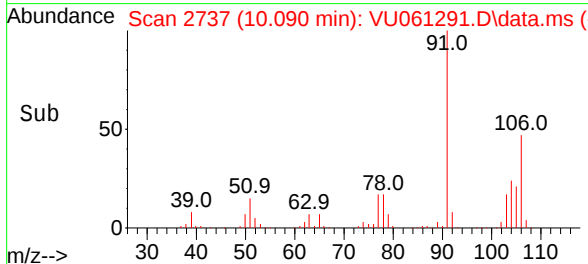
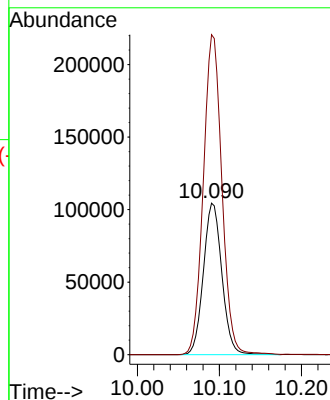
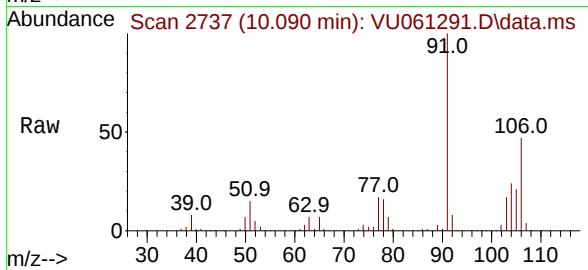




#54
o-Xylene
Concen: 52.583 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

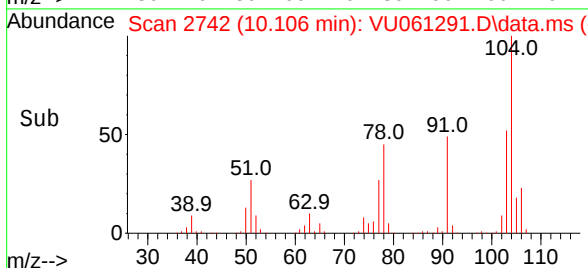
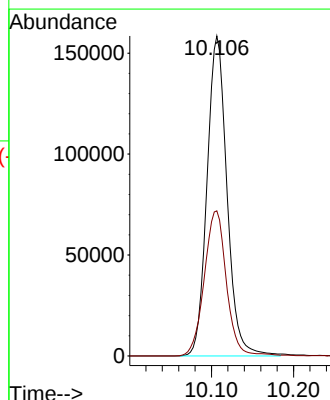
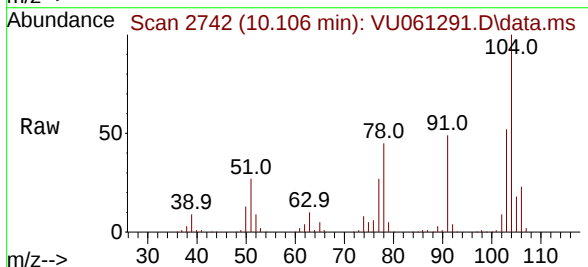
Instrument :
MSVOA_U
ClientSampleId :

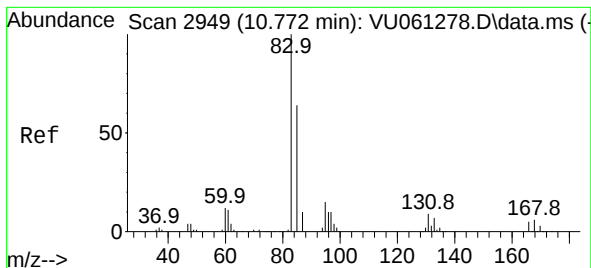
Tgt Ion:106 Resp: 163676
Ion Ratio Lower Upper
106 100
91 211.1 152.7 283.7



#55
Styrene
Concen: 52.966 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061291.D
Acq: 29 Oct 2024 17:42

Tgt Ion:104 Resp: 268187
Ion Ratio Lower Upper
104 100
78 45.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 51.333 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

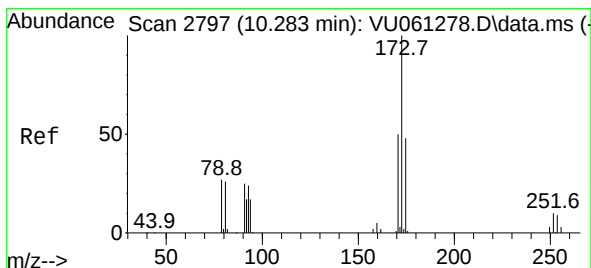
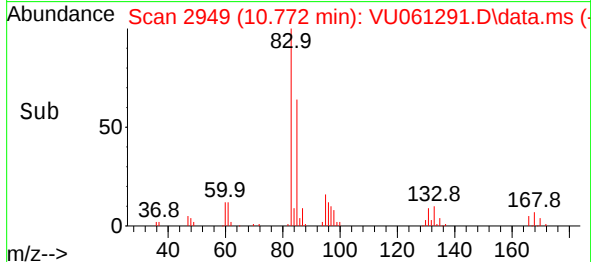
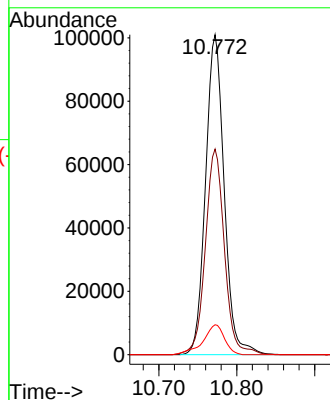
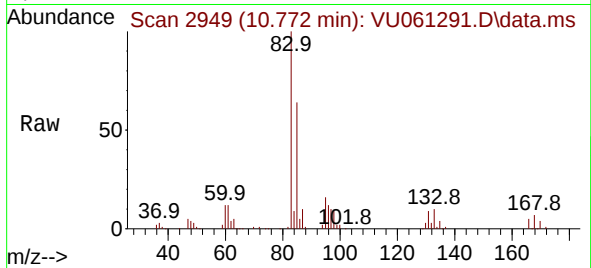
Tgt Ion: 83 Resp: 167536

Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

131 9.3 7.5 11.3



#59

Bromoform

Concen: 50.204 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

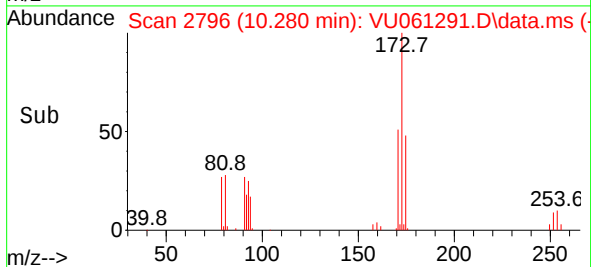
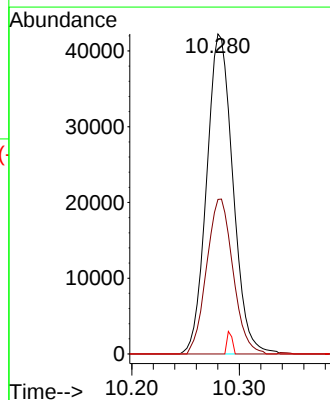
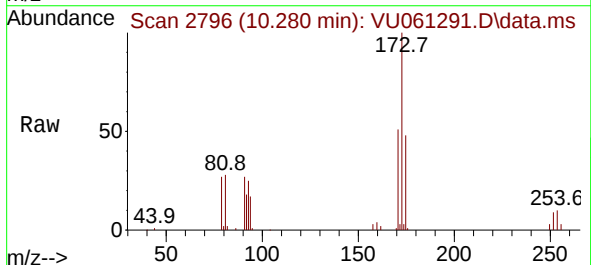
Tgt Ion:173 Resp: 71703

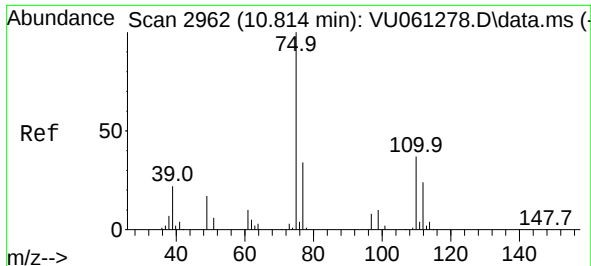
Ion Ratio Lower Upper

173 100

175 48.6 39.7 59.5

254 1.4 1.4 2.0





#60

1,2,3-Trichloropropane

Concen: 49.974 ug/L

RT: 10.811 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

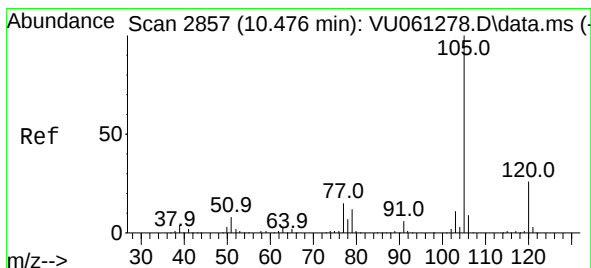
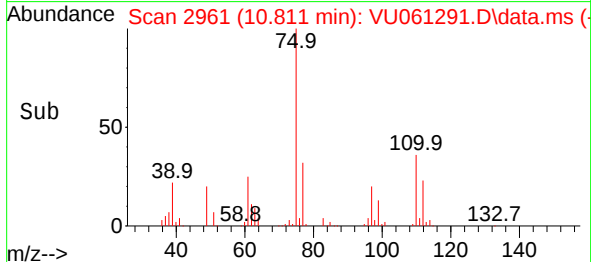
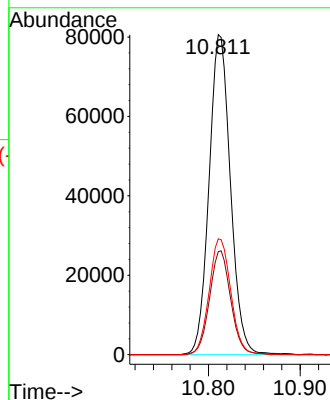
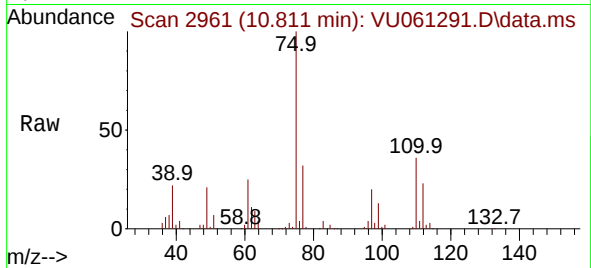
Tgt Ion: 75 Resp: 130660

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

110 36.7 29.8 44.6



#61

Isopropylbenzene

Concen: 51.362 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

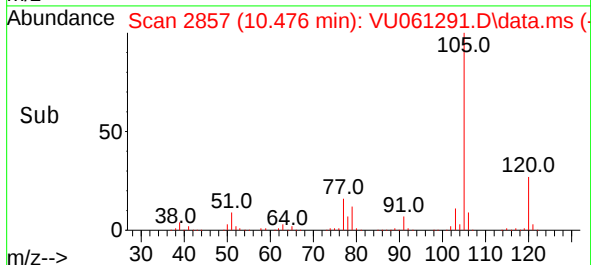
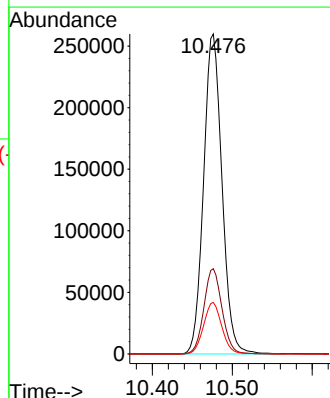
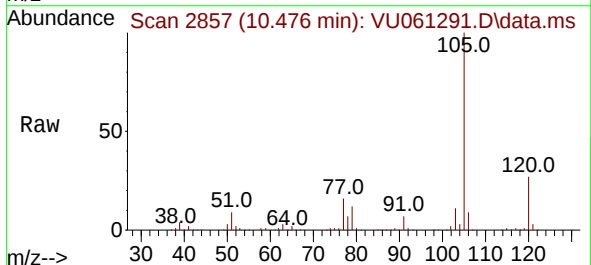
Tgt Ion:105 Resp: 416440

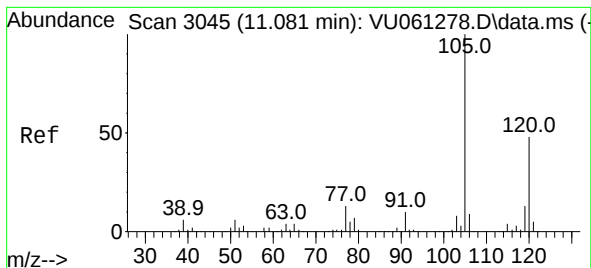
Ion Ratio Lower Upper

105 100

120 26.3 20.8 31.2

77 16.0 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 51.851 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

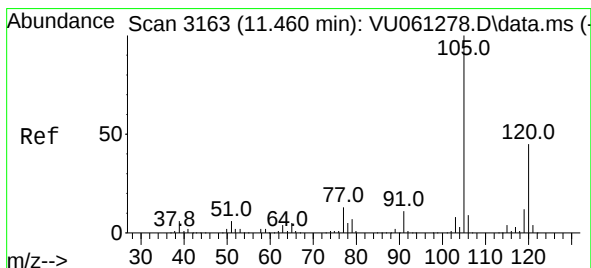
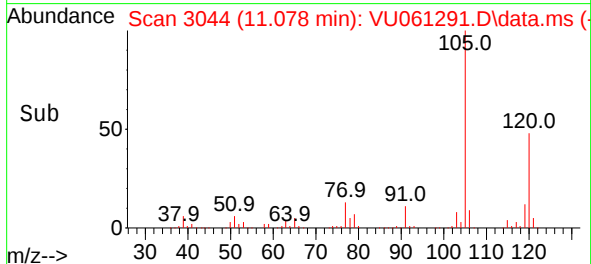
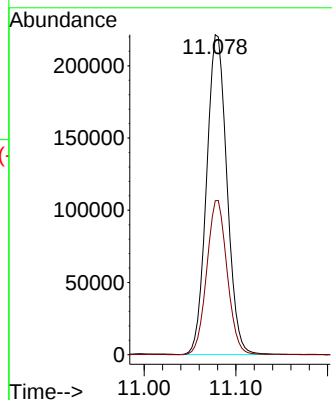
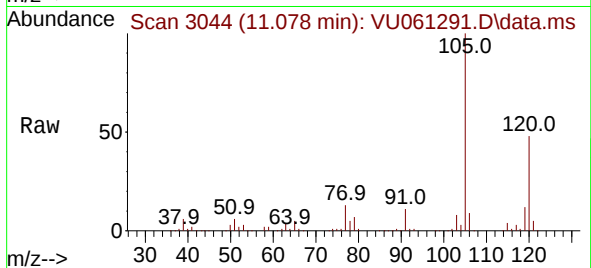
ClientSampleId :

Tgt Ion:105 Resp: 341300

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 52.568 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061291.D

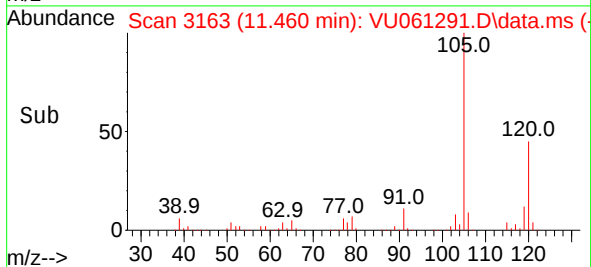
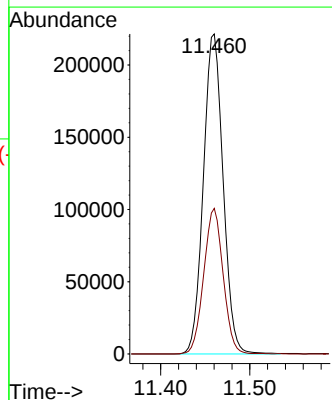
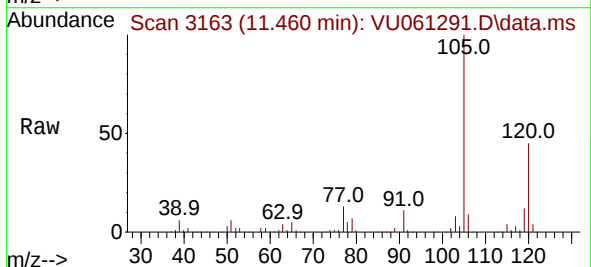
Acq: 29 Oct 2024 17:42

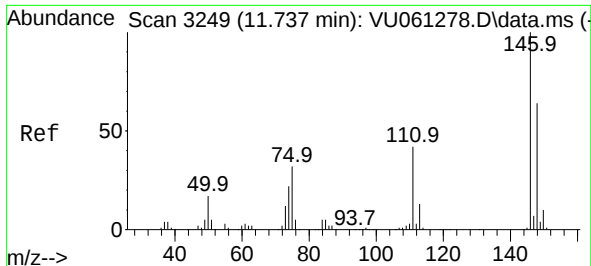
Tgt Ion:105 Resp: 340809

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 50.832 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

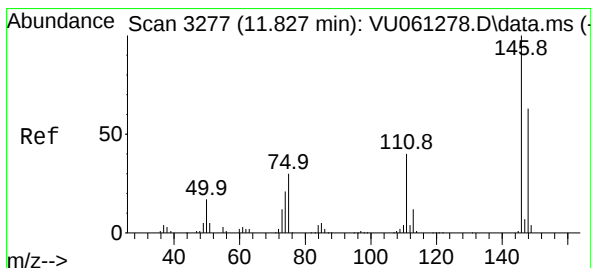
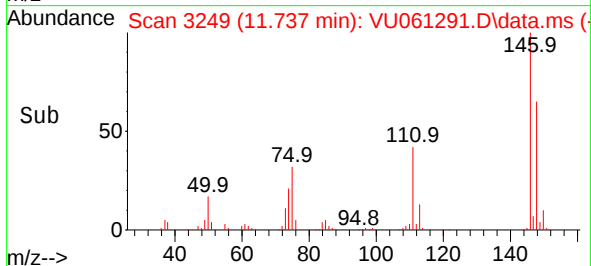
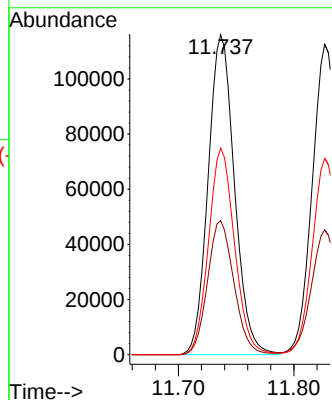
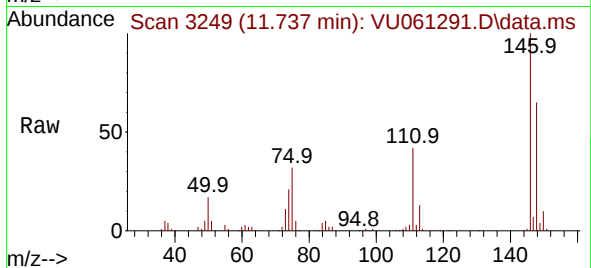
Tgt Ion:146 Resp: 184194

Ion Ratio Lower Upper

146 100

111 39.2 27.9 51.7

148 64.3 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 50.469 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

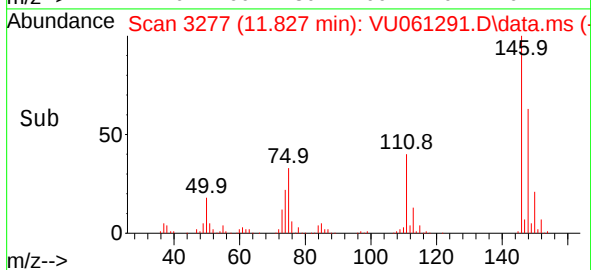
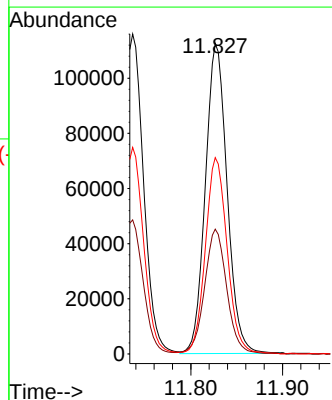
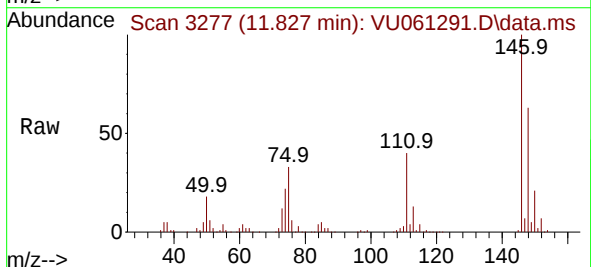
Tgt Ion:146 Resp: 185823

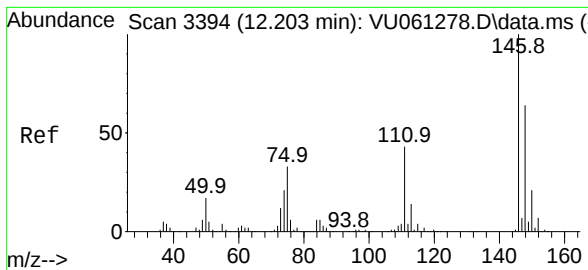
Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

148 63.2 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 50.529 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

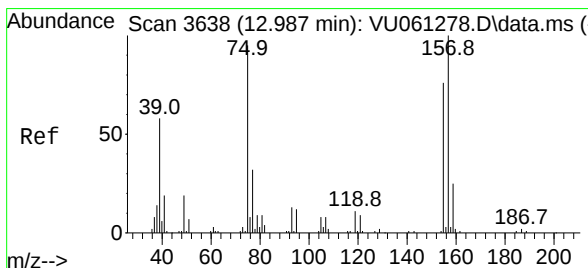
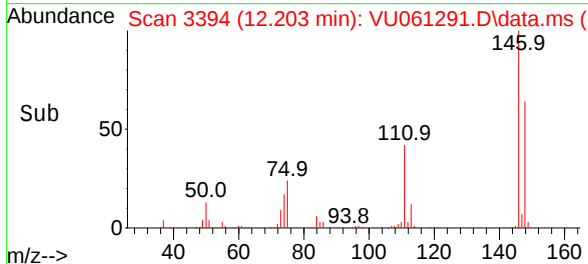
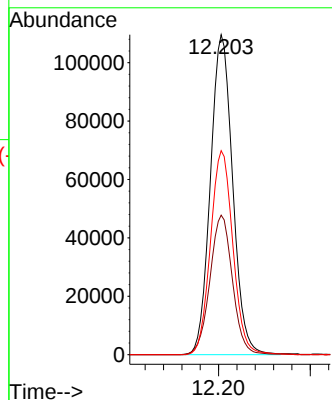
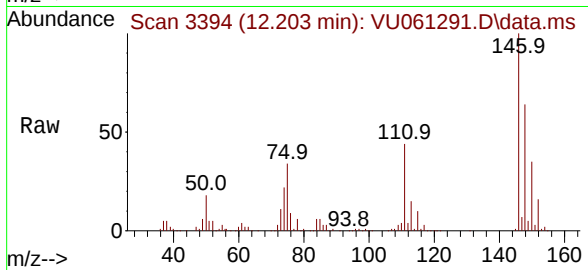
Tgt Ion:146 Resp: 184696

Ion Ratio Lower Upper

146 100

111 43.6 35.6 53.4

148 68.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 48.782 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

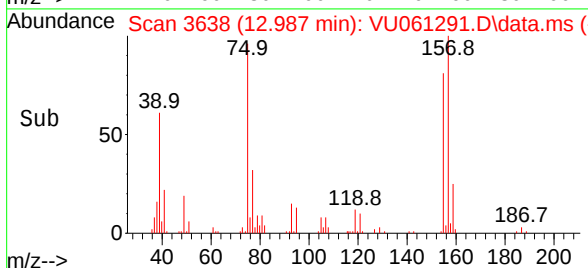
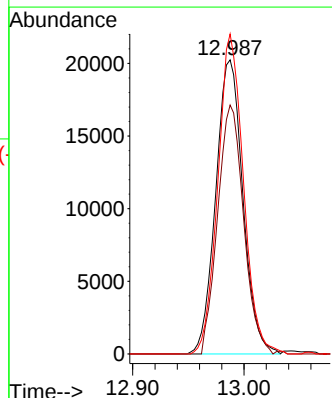
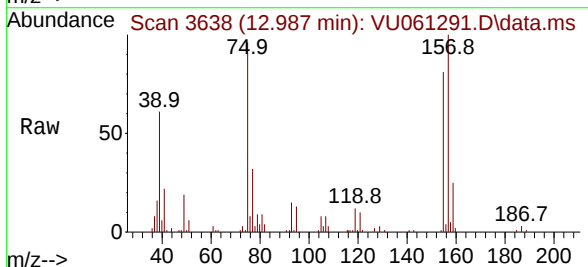
Tgt Ion: 75 Resp: 34364

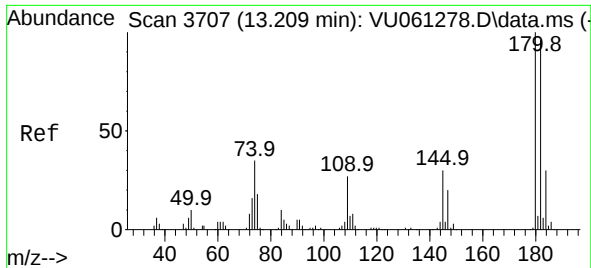
Ion Ratio Lower Upper

75 100

155 88.5 66.6 100.0

157 108.8 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 50.513 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

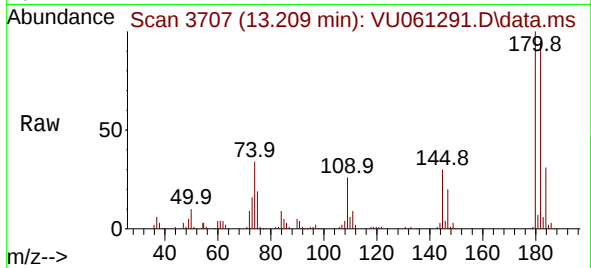
Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 122671

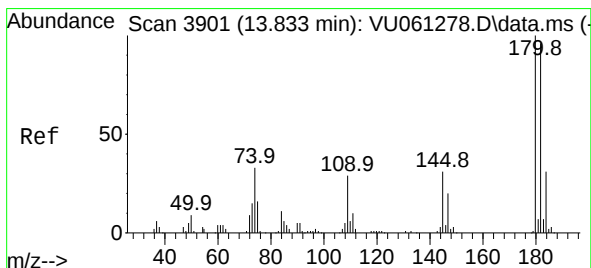
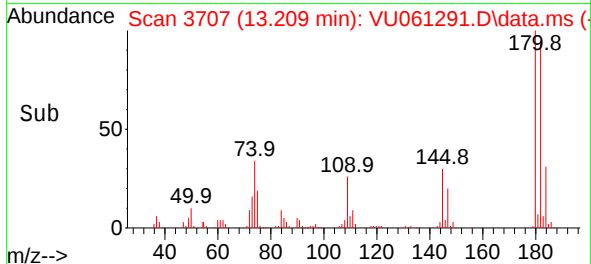
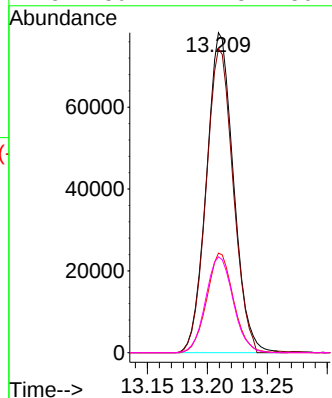
Ion Ratio Lower Upper

180 100

182 94.6 75.3 112.9

184 30.7 23.7 35.5

145 30.4 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 49.202 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

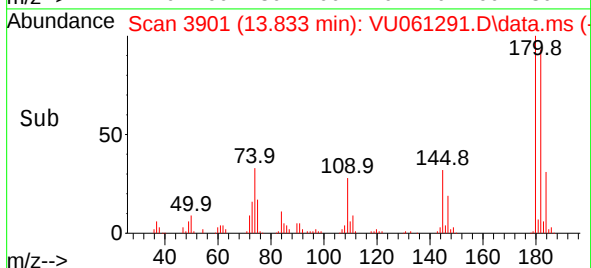
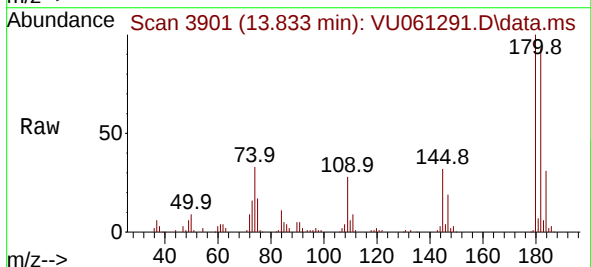
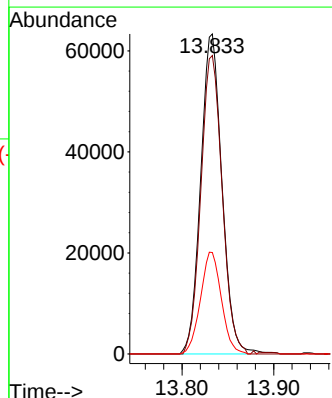
Tgt Ion:180 Resp: 102191

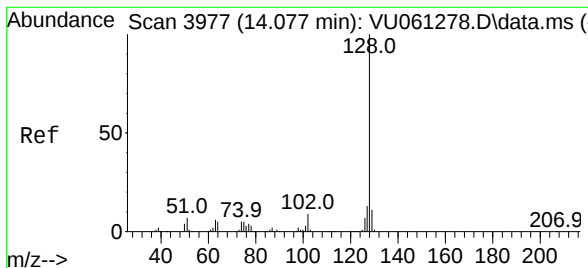
Ion Ratio Lower Upper

180 100

182 93.1 76.0 114.0

145 31.2 25.0 37.4





#71

Naphthalene

Concen: 45.796 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Instrument :

MSVOA_U

ClientSampleId :

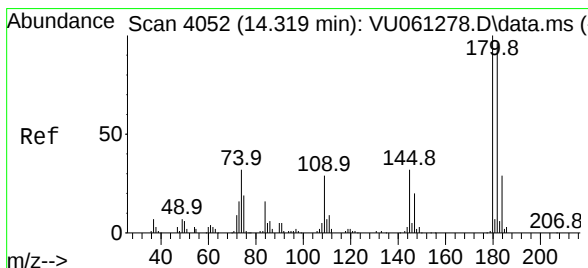
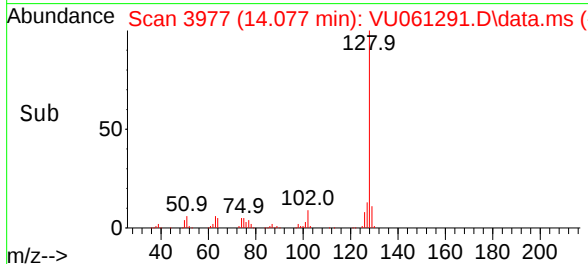
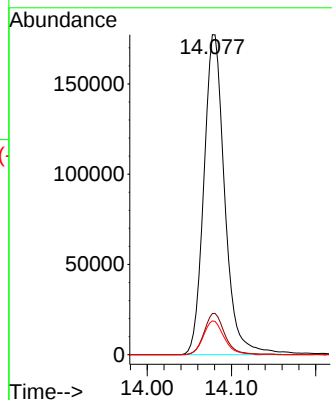
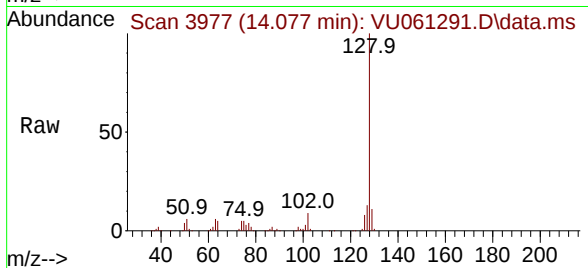
Tgt Ion:128 Resp: 305457

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.5 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 46.399 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU061291.D

Acq: 29 Oct 2024 17:42

Tgt Ion:180 Resp: 94118

Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

145 32.2 25.6 38.4

