

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061278.D
 Acq On : 29 Oct 2024 11:38
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 22:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 02:07:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	280118	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	259520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	129864	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90531	46.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.020%
7) Chloroethane-d5	1.904	69	81101	47.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.260%
11) 1,1-Dichloroethene-d2	2.560	63	175170	48.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
21) 2-Butanone-d5	4.615	46	157093	96.798	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.800%
24) Chloroform-d	5.052	84	203181	48.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
26) 1,2-Dichloroethane-d4	5.692	65	126531	47.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.718	84	405479	48.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	124303	48.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.891	98	383585	49.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	8.171	79	63378	49.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.720%
47) 2-Hexanone-d5	8.624	63	122448	95.184	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	187318	46.806	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.620%
66) 1,2-Dichlorobenzene-d4	12.184	152	134633	46.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	103288	52.886	ug/L	100
3) Chloromethane	1.518	50	90671	49.334	ug/L	99
5) Vinyl chloride	1.602	62	101522	51.084	ug/L	100
6) Bromomethane	1.850	94	100023	67.982	ug/L	100
8) Chloroethane	1.927	64	65054	50.047	ug/L	98
9) Trichlorofluoromethane	2.132	101	147458	53.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	88513	55.120	ug/L	100
12) 1,1-Dichloroethene	2.573	96	81921	53.555	ug/L	97
13) Acetone	2.624	43	133136	111.348	ug/L	99
14) Carbon disulfide	2.788	76	262011	56.027	ug/L	100
15) Methyl Acetate	2.943	43	96975	51.567	ug/L	100
16) Methylene chloride	3.036	84	98732	52.195	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	91286	54.615	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	297601	51.634	ug/L	99
19) 1,1-Dichloroethane	3.859	63	166108	51.857	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	104026	52.339	ug/L	99
22) 2-Butanone	4.695	43	163038	106.601	ug/L	98
23) Bromochloromethane	4.965	128	53213	52.274	ug/L	96
25) Chloroform	5.078	83	177365	51.821	ug/L	99

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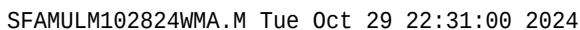
Instrument :
 MSVOA_U
 ClientSampleId :

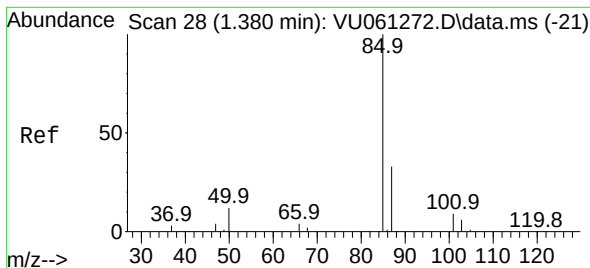
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	140177	51.210	ug/L	97
29) Cyclohexane	5.380	56	158498	57.018	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	152990	53.742	ug/L	99
31) Carbon tetrachloride	5.515	117	132968	54.312	ug/L	100
33) Benzene	5.766	78	389090	52.901	ug/L	100
34) Trichloroethene	6.534	95	105165	54.632	ug/L	99
35) Methylcyclohexane	6.756	83	171897	57.772	ug/L	99
37) 1,2-Dichloropropane	6.782	63	99423	50.784	ug/L	99
38) Bromodichloromethane	7.097	83	132531	53.001	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	171769	55.046	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	275288	102.136	ug/L	99
42) Toluene	7.962	91	426116	53.209	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	158786	54.670	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	101852	51.771	ug/L	98
46) Tetrachloroethene	8.547	164	76226	55.086	ug/L	97
48) 2-Hexanone	8.676	43	231763	105.983	ug/L	99
49) Dibromochloromethane	8.801	129	102865	52.727	ug/L	98
50) 1,2-Dibromoethane	8.914	107	111458	51.270	ug/L	99
51) Chlorobenzene	9.438	112	273511	53.234	ug/L	98
52) Ethylbenzene	9.563	91	473641	54.631	ug/L	99
53) m,p-Xylene	9.685	106	180599	54.616	ug/L	100
54) o-Xylene	10.094	106	176941	53.925	ug/L	96
55) Styrene	10.106	104	293044	54.903	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	172141	50.035	ug/L	99
59) Bromoform	10.283	173	78041	51.842	ug/L #	98
60) 1,2,3-Trichloropropane	10.814	75	132885	48.221	ug/L	98
61) Isopropylbenzene	10.476	105	467327	54.685	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	379636	54.720	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	373095	54.600	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	203497	53.282	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	205259	52.892	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	196746	51.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	37389	50.358	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	138007	53.916	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	125043	57.120	ug/L	100
71) Naphthalene	14.077	128	406522	57.826	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	120902	56.550	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 52.886 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

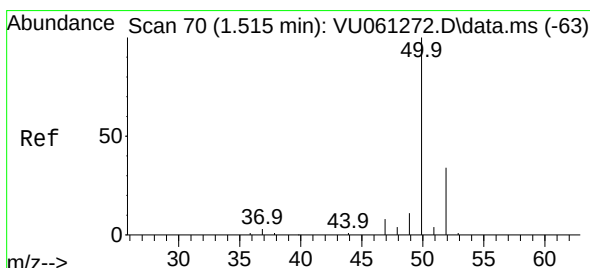
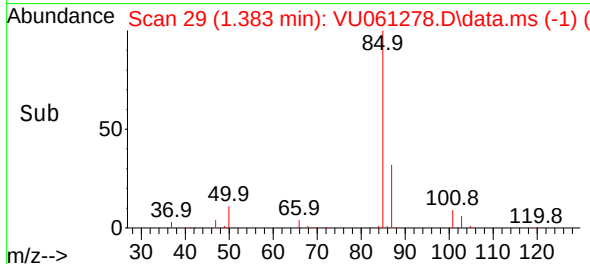
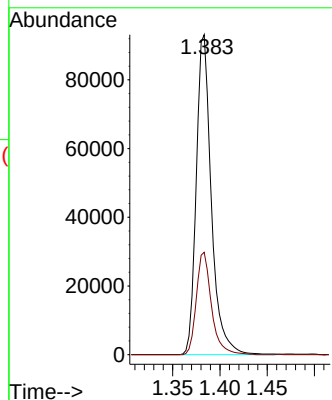
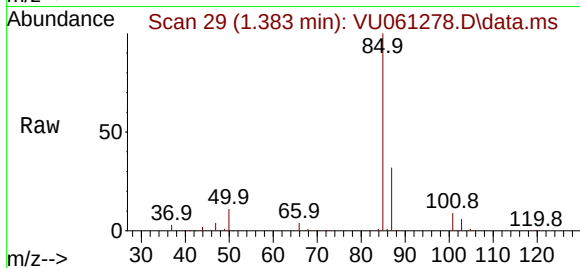
ClientSampleId :

Tgt Ion: 85 Resp: 103288

Ion Ratio Lower Upper

85 100

87 32.1 25.7 38.5



#3

Chloromethane

Concen: 49.334 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU061278.D

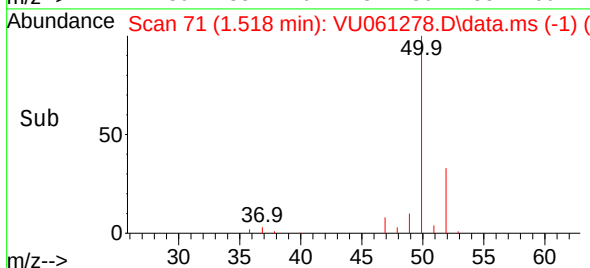
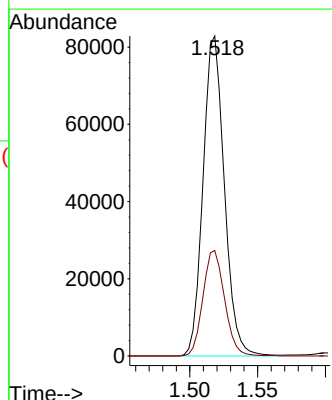
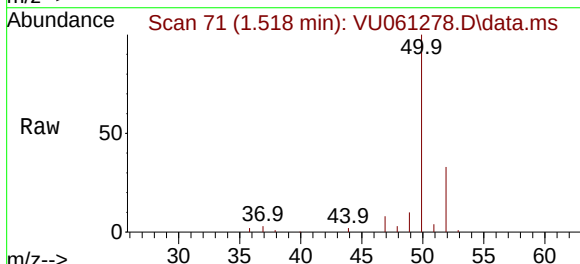
Acq: 29 Oct 2024 11:38

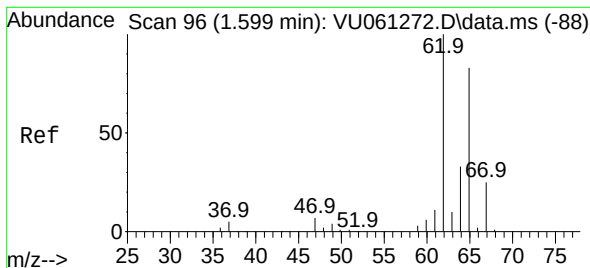
Tgt Ion: 50 Resp: 90671

Ion Ratio Lower Upper

50 100

52 33.0 23.6 43.8





#5

Vinyl chloride

Concen: 51.084 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

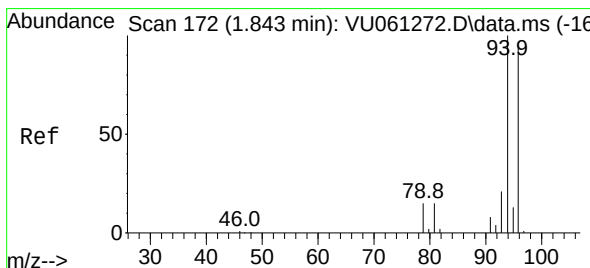
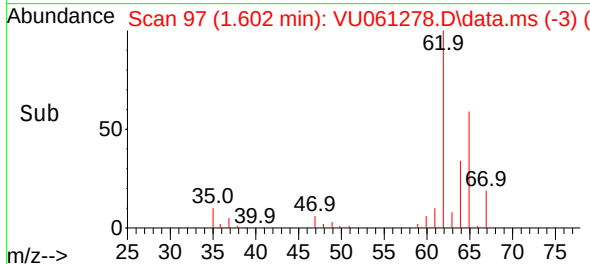
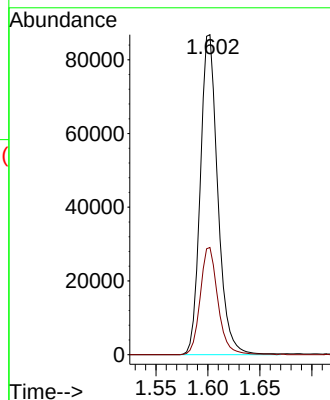
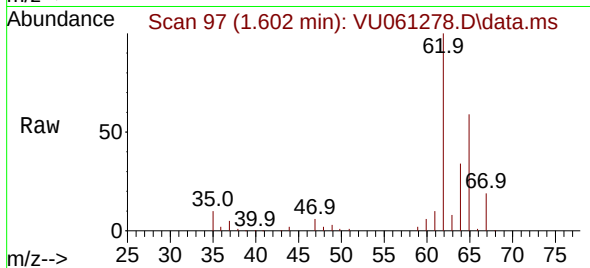
ClientSampleId :

Tgt Ion: 62 Resp: 101522

Ion Ratio Lower Upper

62 100

64 33.5 23.4 43.4



#6

Bromomethane

Concen: 67.982 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.006 min

Lab File: VU061278.D

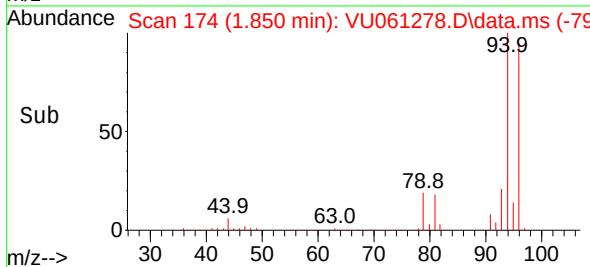
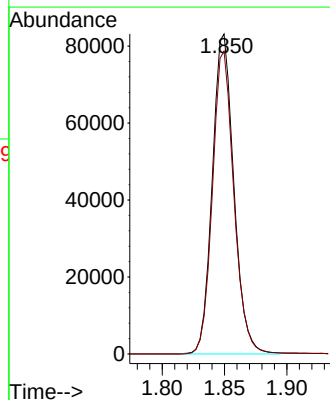
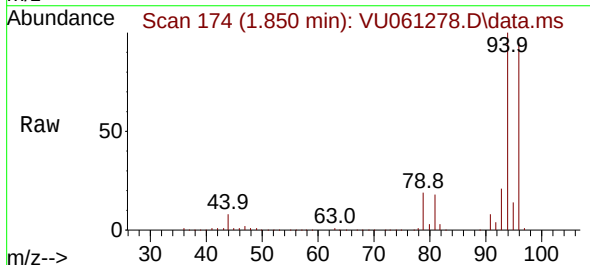
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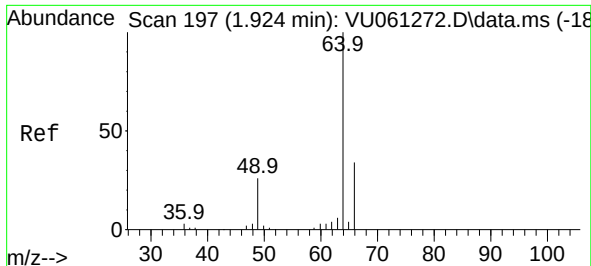
Tgt Ion: 94 Resp: 100023

Ion Ratio Lower Upper

94 100

96 94.7 66.1 122.8





#8

Chloroethane

Concen: 50.047 ug/L

RT: 1.927 min Scan# 197

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

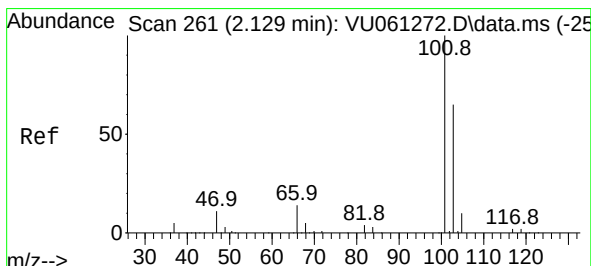
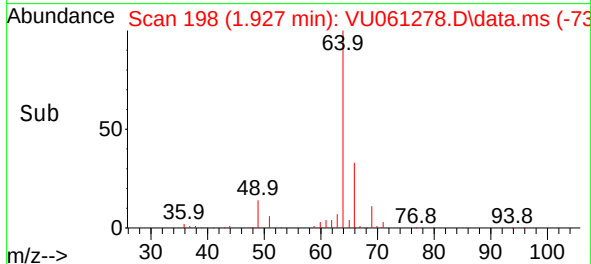
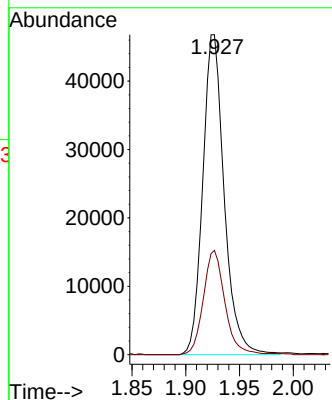
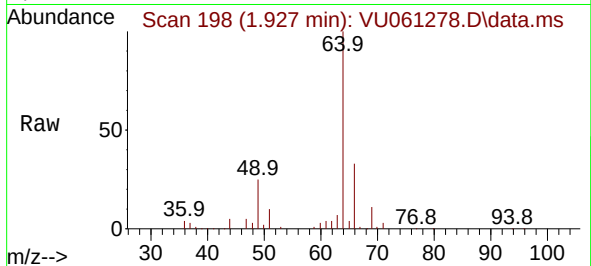
ClientSampleId :

Tgt Ion: 64 Resp: 65054

Ion Ratio Lower Upper

64 100

66 32.6 23.6 43.8



#9

Trichlorofluoromethane

Concen: 53.087 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.003 min

Lab File: VU061278.D

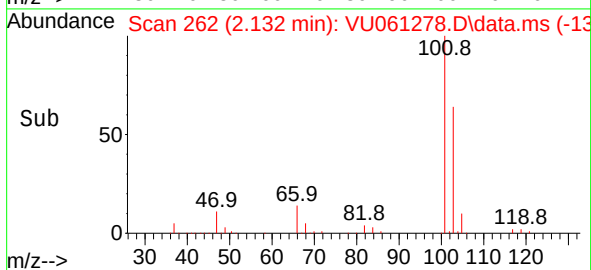
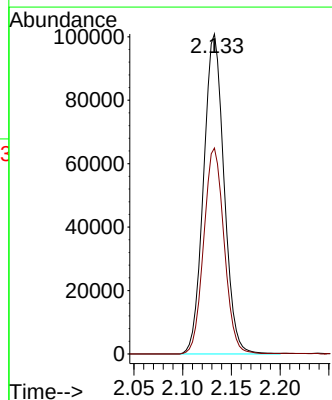
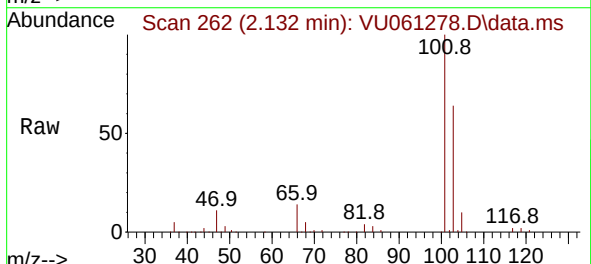
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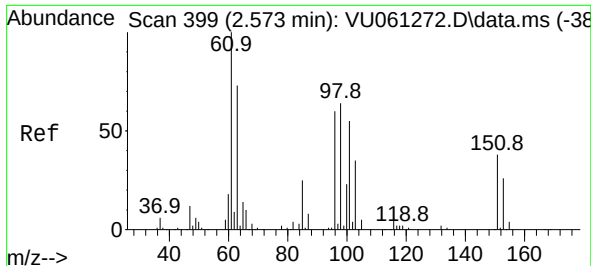
Tgt Ion:101 Resp: 147458

Ion Ratio Lower Upper

101 100

103 64.1 51.6 77.4

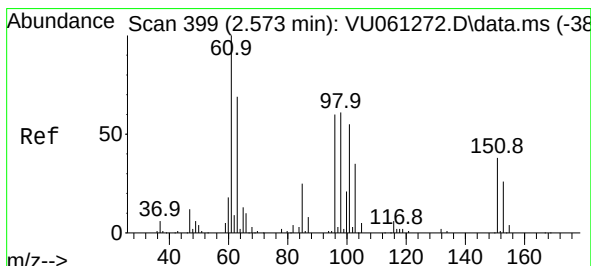
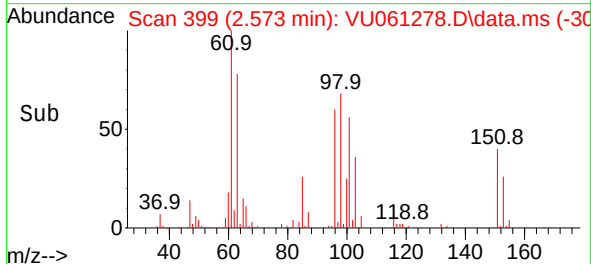
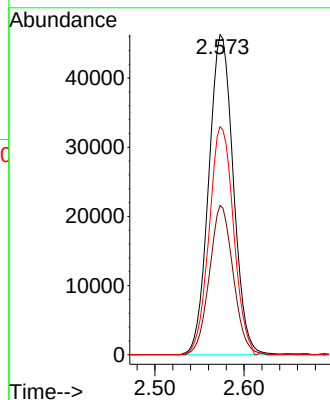
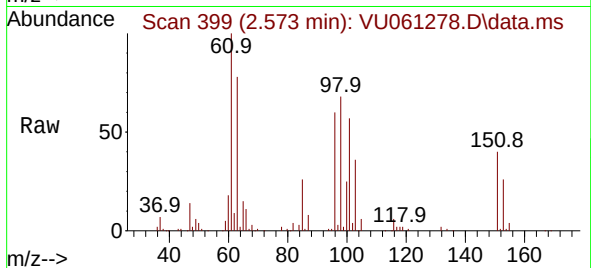




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.120 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

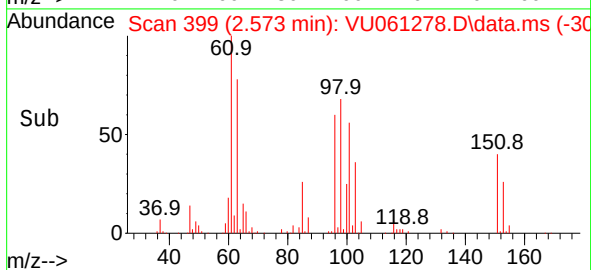
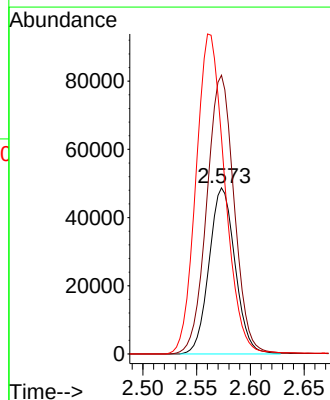
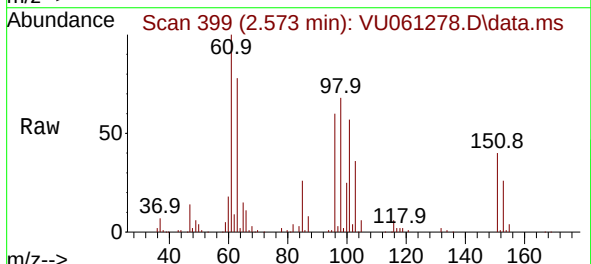
Instrument :
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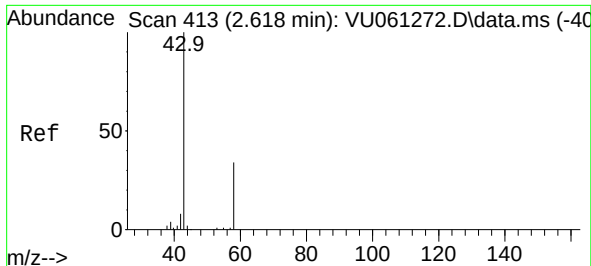
Tgt Ion:101 Resp: 88513
Ion Ratio Lower Upper
101 100
85 45.1 36.4 54.6
151 71.0 57.0 85.4



#12
1,1-Dichloroethene
Concen: 53.555 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion: 96 Resp: 81921
Ion Ratio Lower Upper
96 100
61 167.8 117.1 217.5
63 130.1 86.6 160.8





#13

Acetone

Concen: 111.348 ug/L

RT: 2.624 min Scan# 41

Delta R.T. 0.006 min

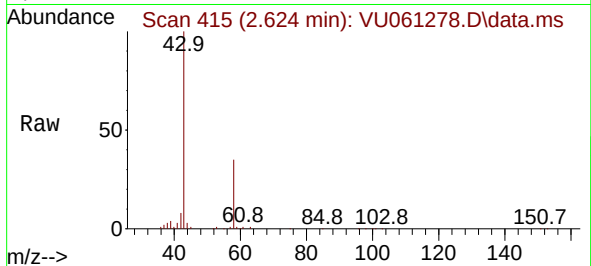
Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

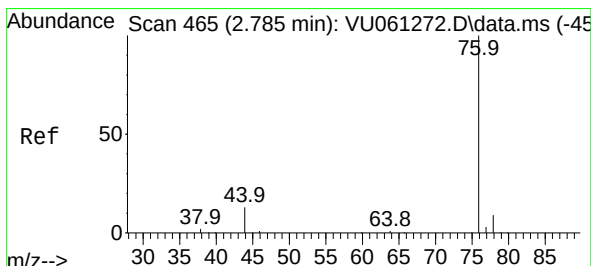
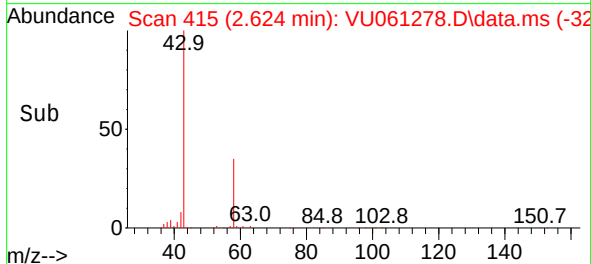
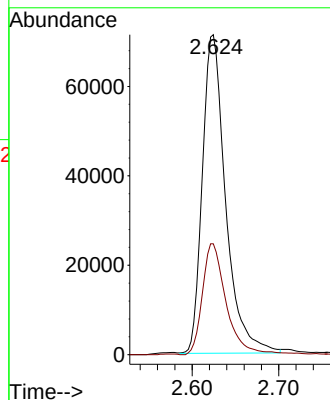


Tgt Ion: 43 Resp: 133136

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.2



#14

Carbon disulfide

Concen: 56.027 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061278.D

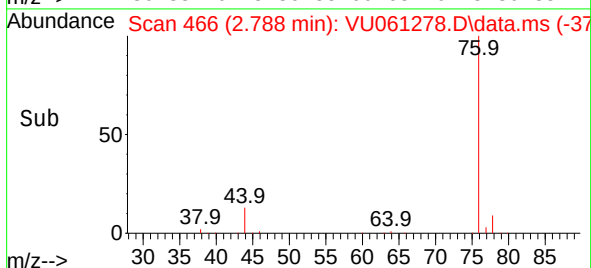
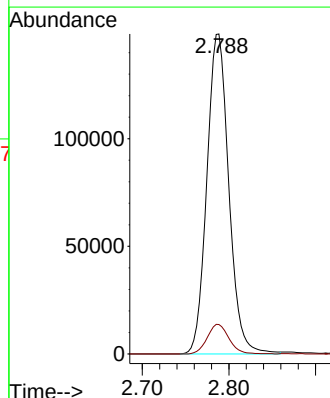
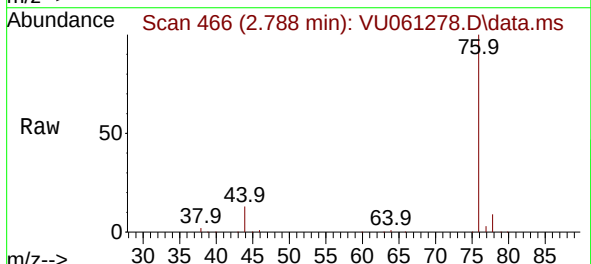
Acq: 29 Oct 2024 11:38

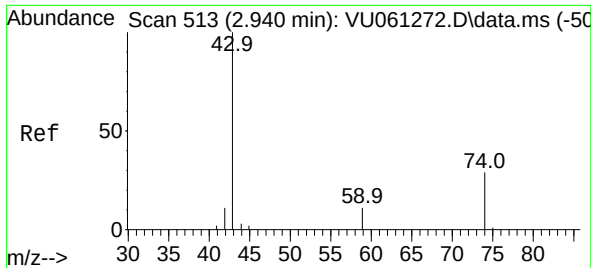
Tgt Ion: 76 Resp: 262011

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 51.567 ug/L

RT: 2.943 min Scan# 513

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

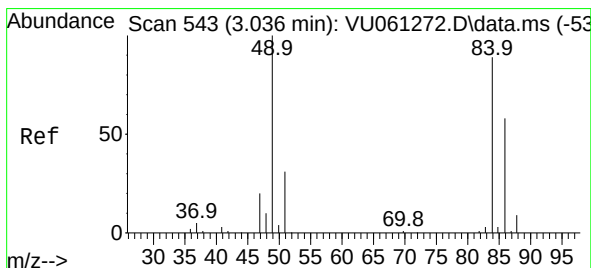
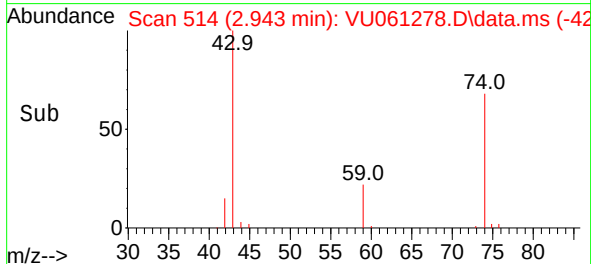
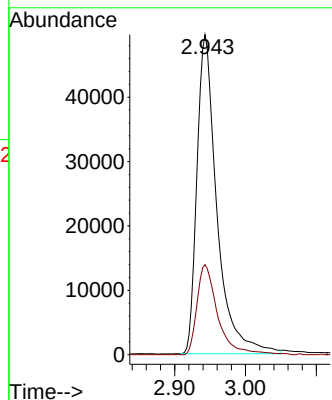
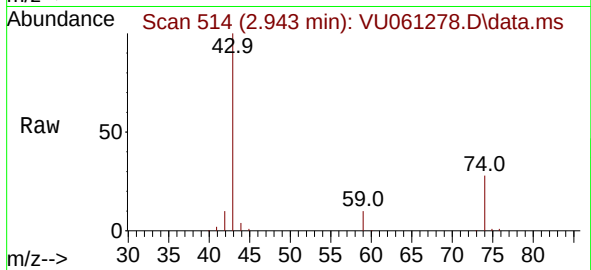
ClientSampleId :

Tgt Ion: 43 Resp: 96975

Ion Ratio Lower Upper

43 100

74 29.2 23.2 34.8



#16

Methylene chloride

Concen: 52.195 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

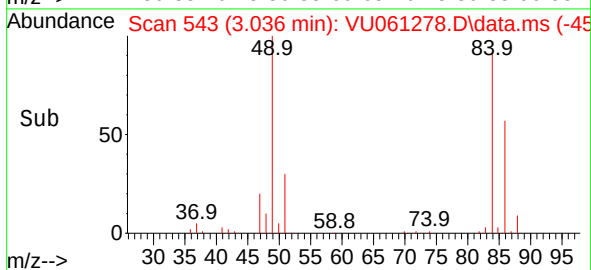
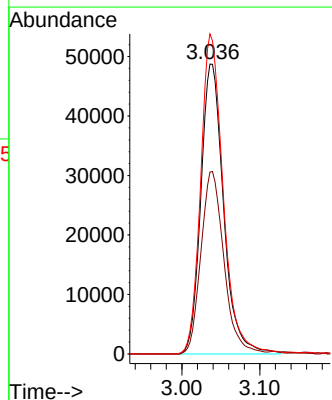
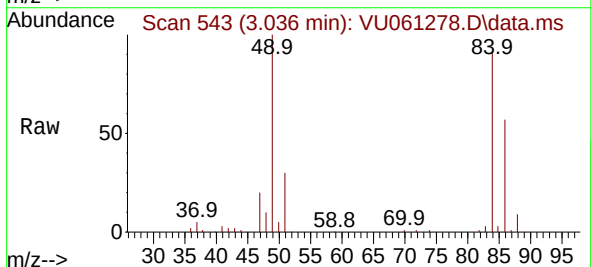
Tgt Ion: 84 Resp: 98732

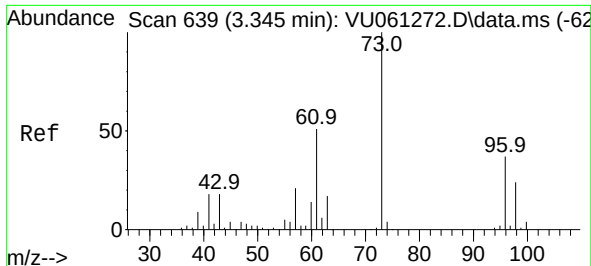
Ion Ratio Lower Upper

84 100

86 62.8 45.3 84.1

49 110.4 78.3 145.5

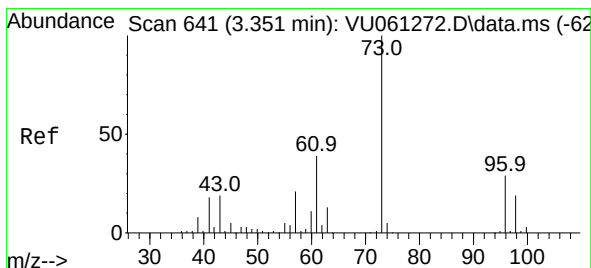
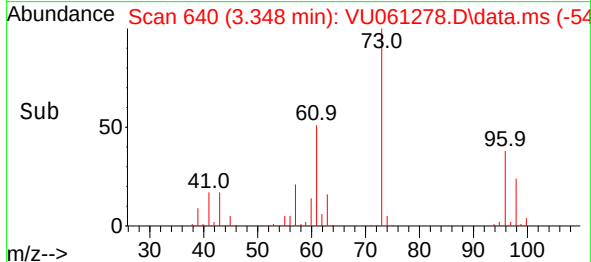
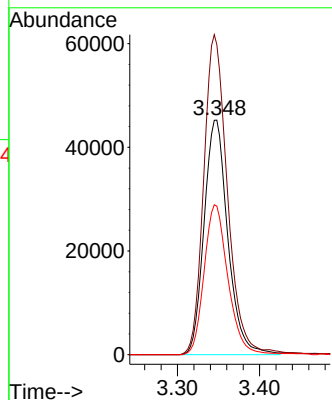
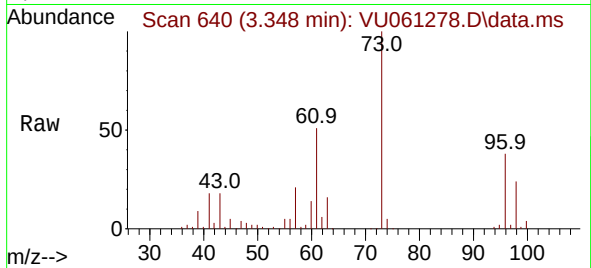




#17
trans-1,2-Dichloroethene
Concen: 54.615 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

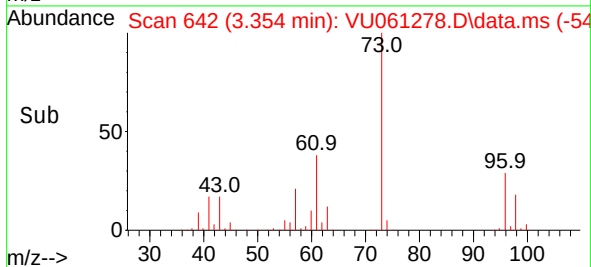
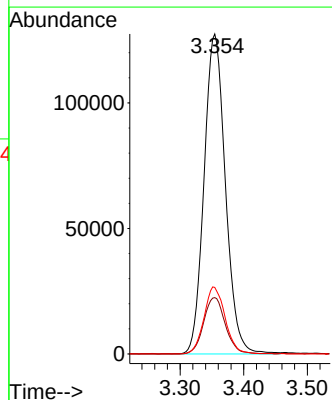
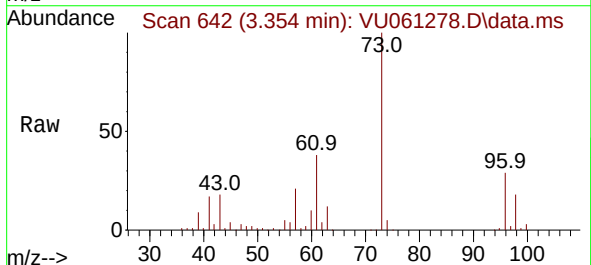
Instrument :
MSVOA_U
ClientSampleId :

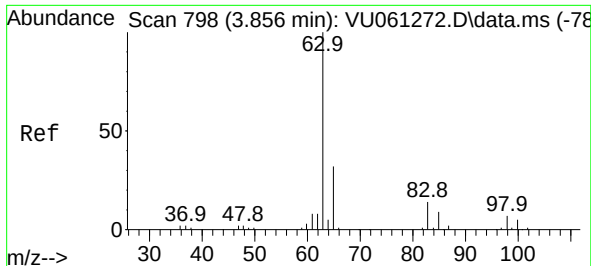
Tgt Ion: 96 Resp: 91286
Ion Ratio Lower Upper
96 100
61 132.2 95.3 177.1
98 63.4 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 51.634 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion: 73 Resp: 297601
Ion Ratio Lower Upper
73 100
43 17.7 14.8 22.2
57 20.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 51.857 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

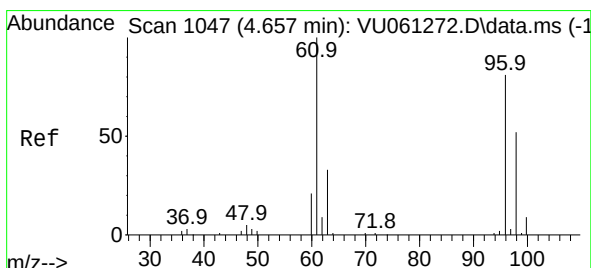
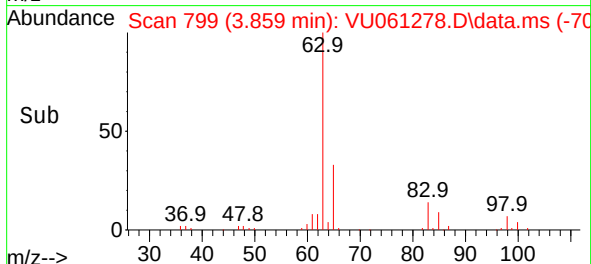
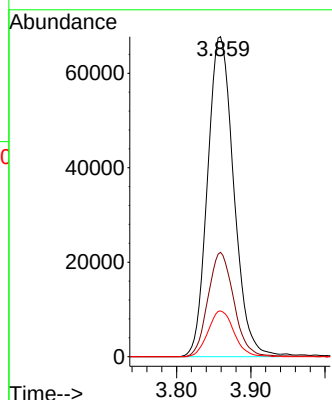
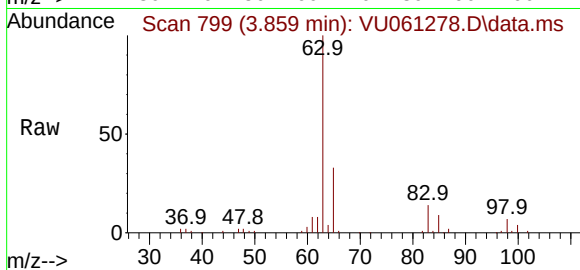
Tgt Ion: 63 Resp: 166108

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 14.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 52.339 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

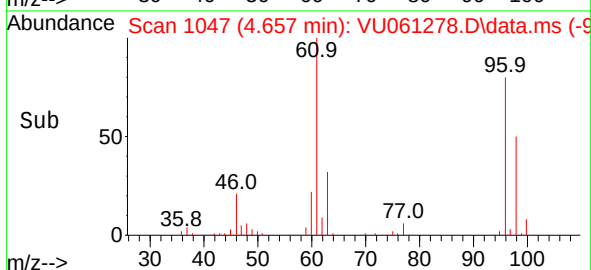
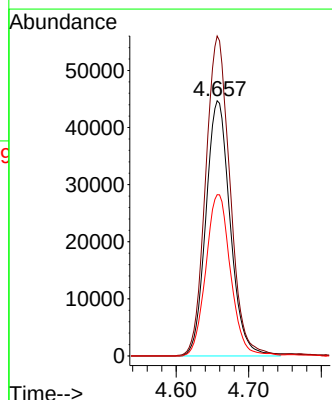
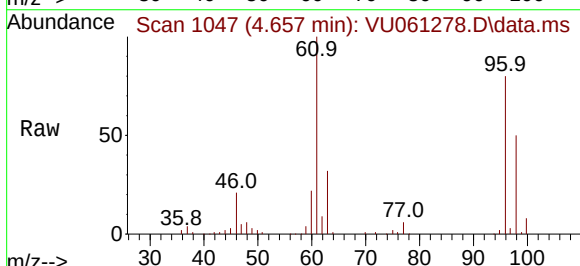
Tgt Ion: 96 Resp: 104026

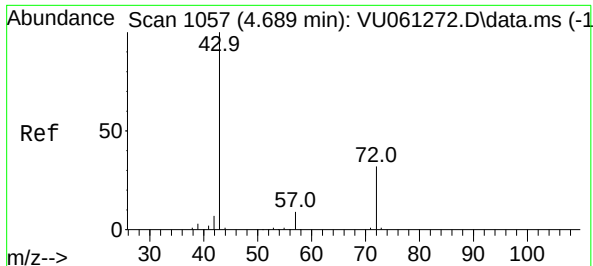
Ion Ratio Lower Upper

96 100

61 125.4 87.2 161.9

98 63.2 45.2 84.0





#22

2-Butanone

Concen: 106.601 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

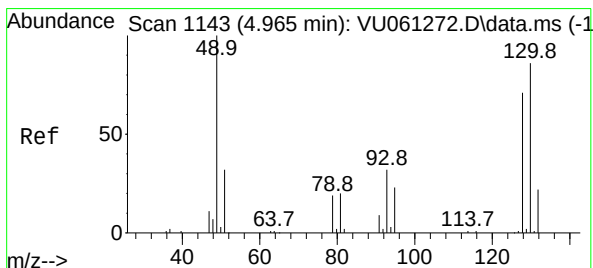
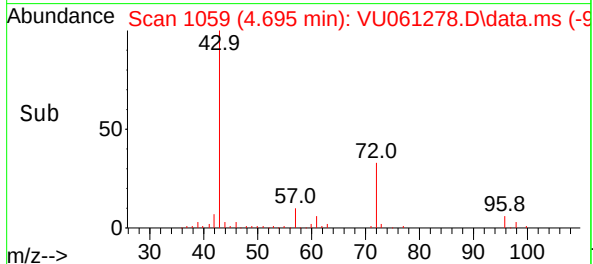
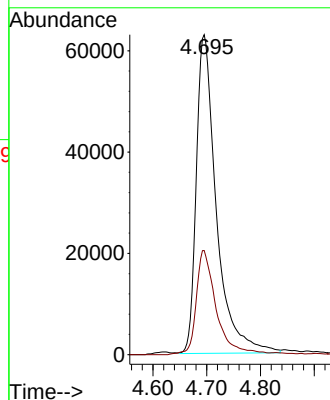
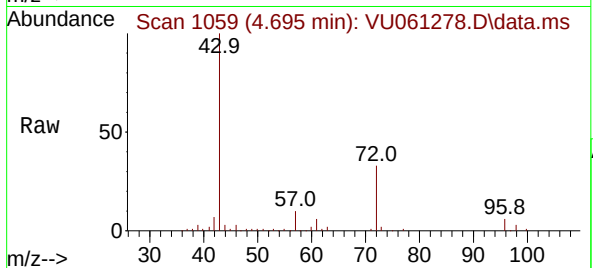
ClientSampleId :

Tgt Ion: 43 Resp: 163038

Ion Ratio Lower Upper

43 100

72 32.5 15.8 47.4



#23

Bromochloromethane

Concen: 52.274 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Tgt Ion:128 Resp: 53213

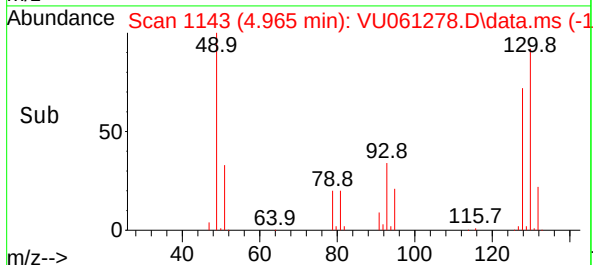
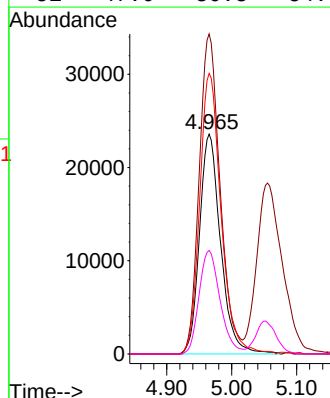
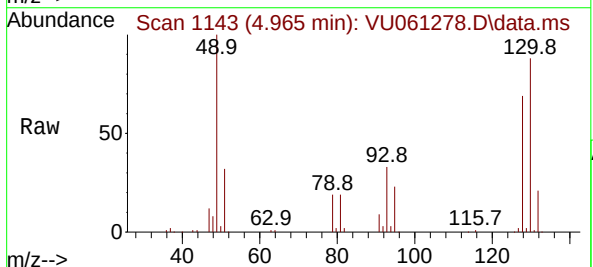
Ion Ratio Lower Upper

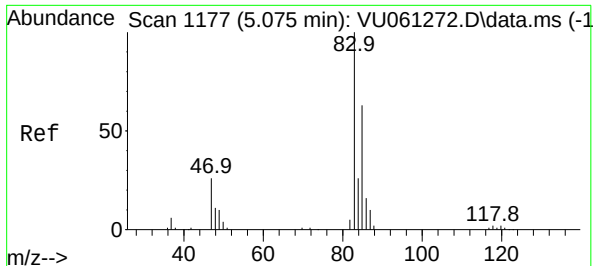
128 100

49 145.5 98.7 183.3

130 127.6 85.0 157.8

51 47.0 36.3 54.5





#25

Chloroform

Concen: 51.821 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

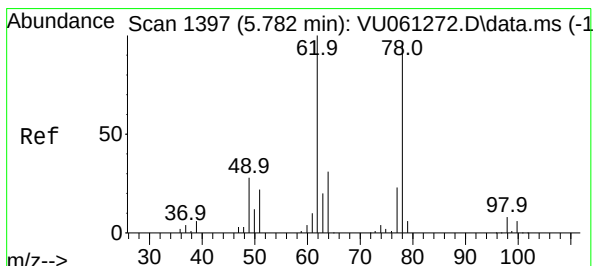
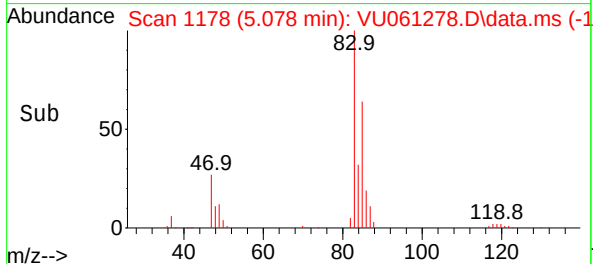
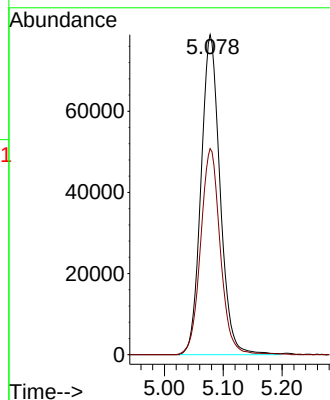
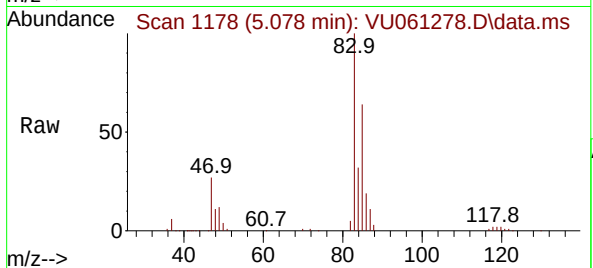
ClientSampleId :

Tgt Ion: 83 Resp: 177365

Ion Ratio Lower Upper

83 100

85 64.4 44.3 82.3



#27

1,2-Dichloroethane

Concen: 51.210 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU061278.D

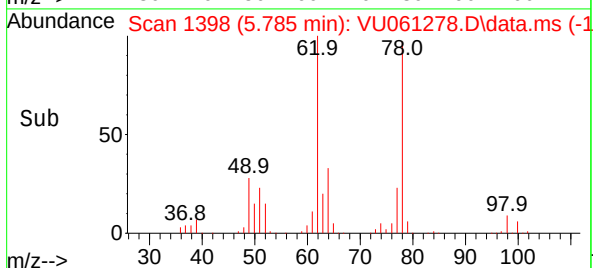
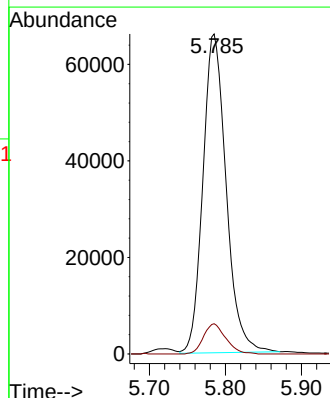
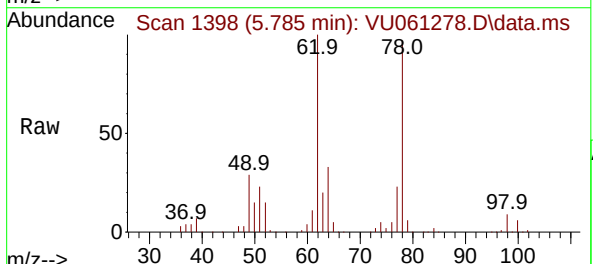
Acq: 29 Oct 2024 11:38

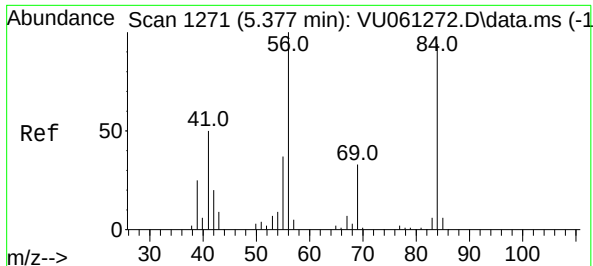
Tgt Ion: 62 Resp: 140177

Ion Ratio Lower Upper

62 100

98 9.5 6.6 10.0

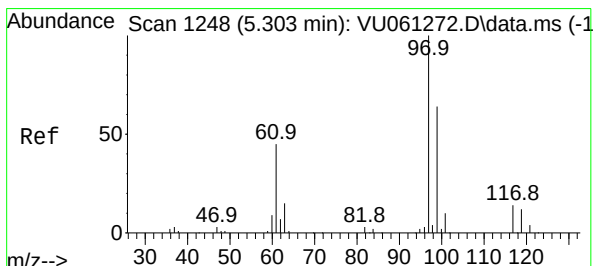
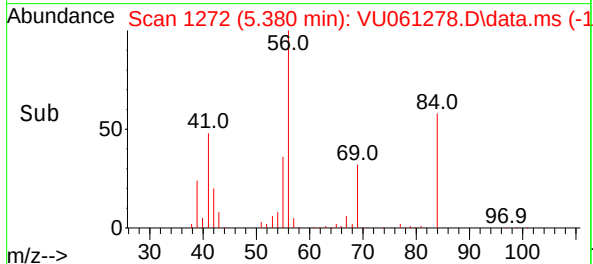
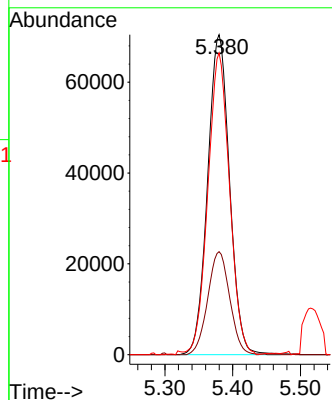
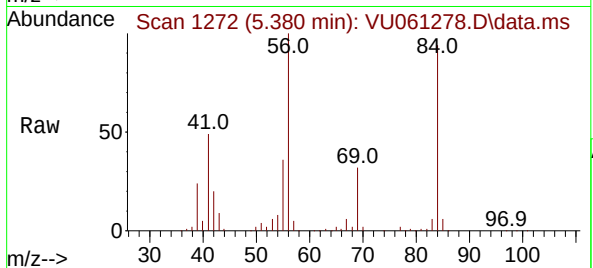




#29
Cyclohexane
Concen: 57.018 ug/L
RT: 5.380 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

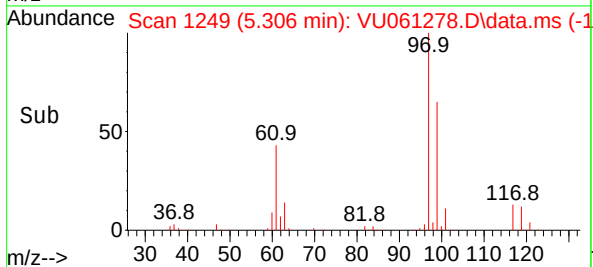
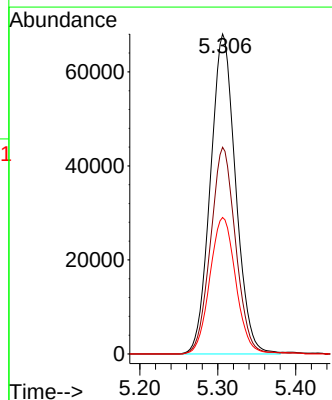
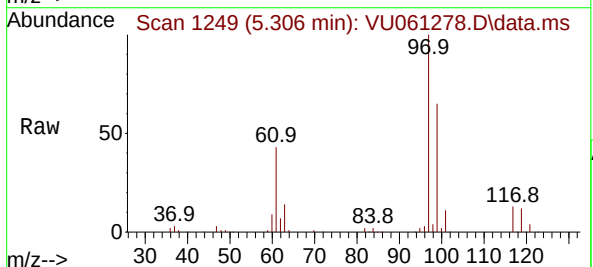
Instrument :
MSVOA_U
ClientSampleId :

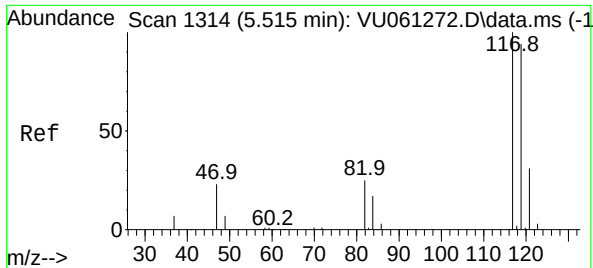
Tgt Ion: 56 Resp: 158498
Ion Ratio Lower Upper
56 100
69 32.4 26.3 39.5
84 93.1 74.6 112.0



#30
1,1,1-Trichloroethane
Concen: 53.742 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion: 97 Resp: 152990
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 43.8 35.9 53.9

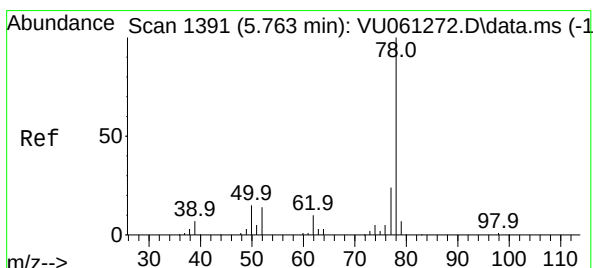
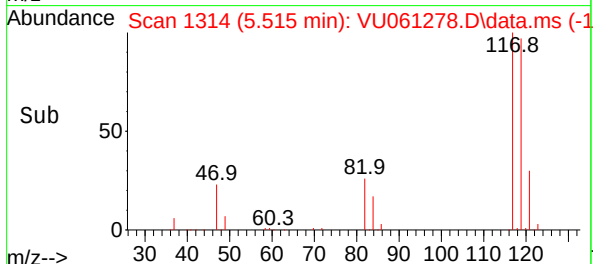
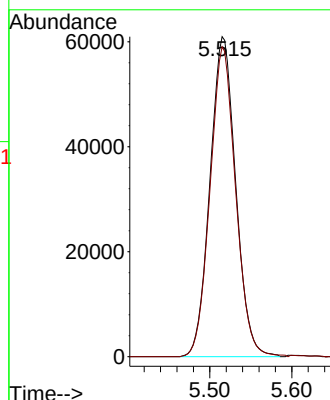
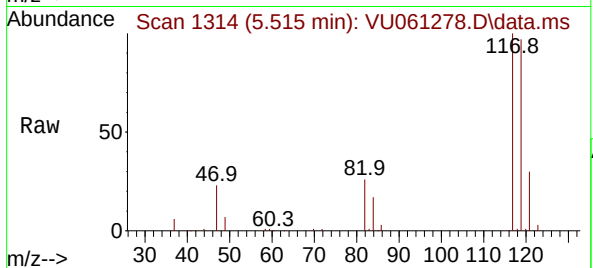




#31
Carbon tetrachloride
Concen: 54.312 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

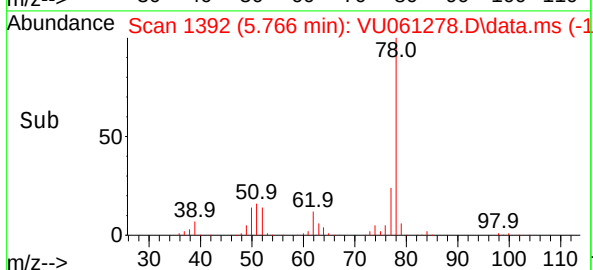
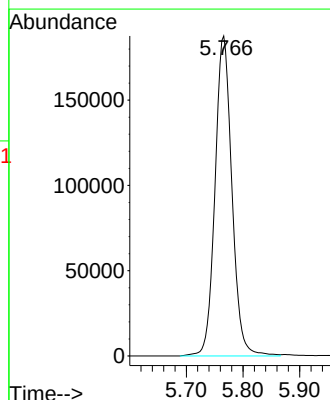
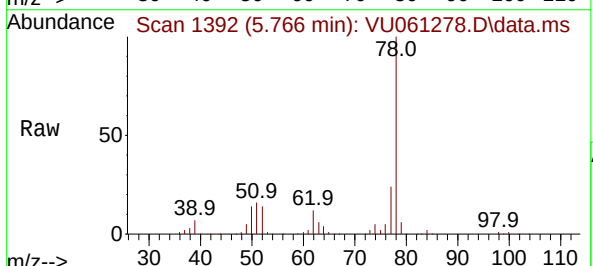
Instrument :
MSVOA_U
ClientSampleId :

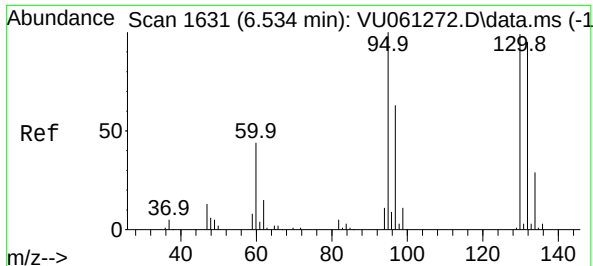
Tgt Ion:117 Resp: 132968
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#33
Benzene
Concen: 52.901 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion: 78 Resp: 389090





#34

Trichloroethene

Concen: 54.632 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 105165

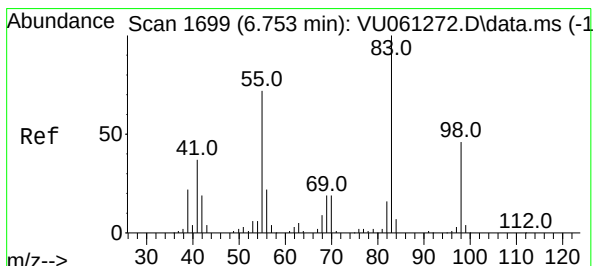
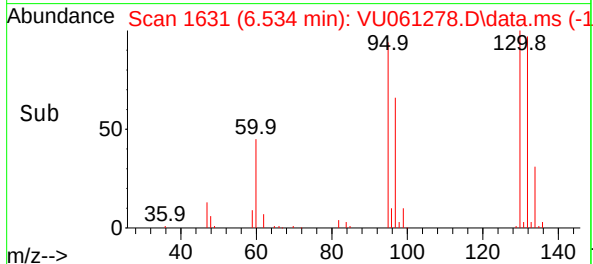
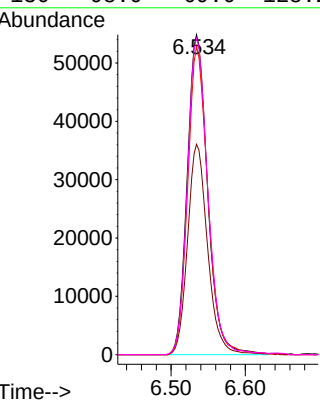
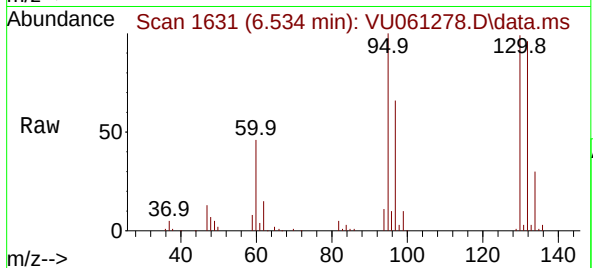
Ion Ratio Lower Upper

95 100

97 65.7 44.2 82.0

132 96.2 66.6 123.6

130 98.9 69.0 128.2



#35

Methylcyclohexane

Concen: 57.772 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

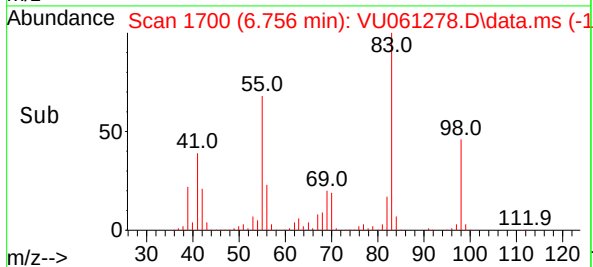
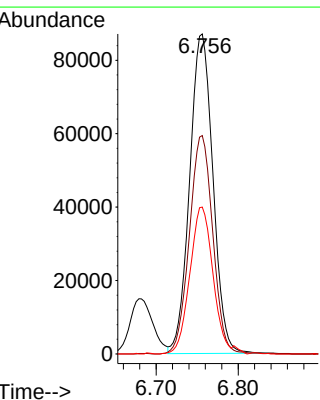
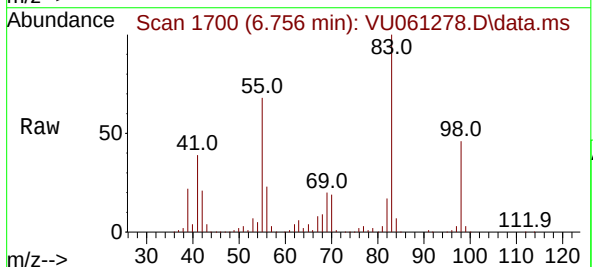
Tgt Ion: 83 Resp: 171897

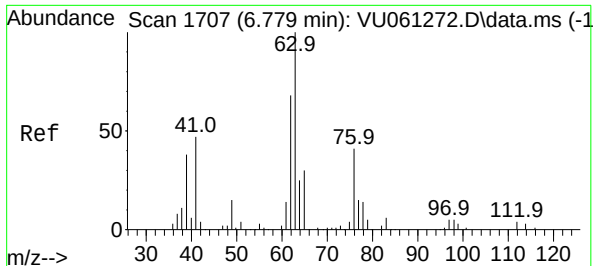
Ion Ratio Lower Upper

83 100

55 68.6 55.1 82.7

98 45.4 36.7 55.1

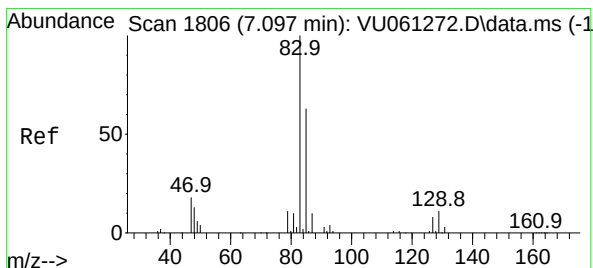
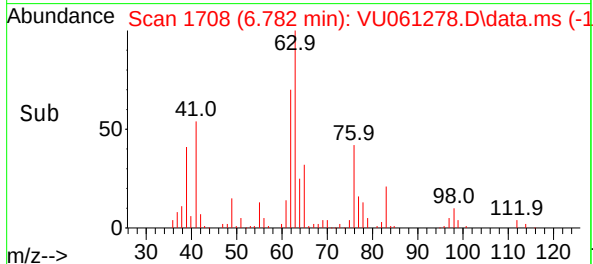
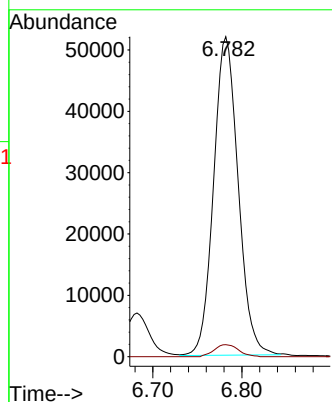
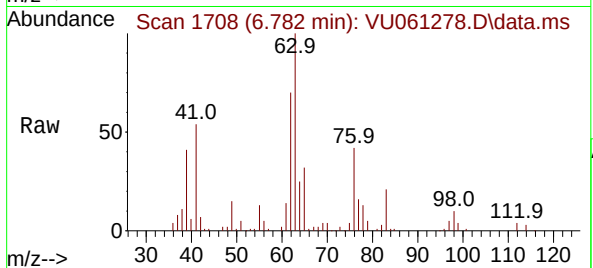




#37
1,2-Dichloropropane
Concen: 50.784 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

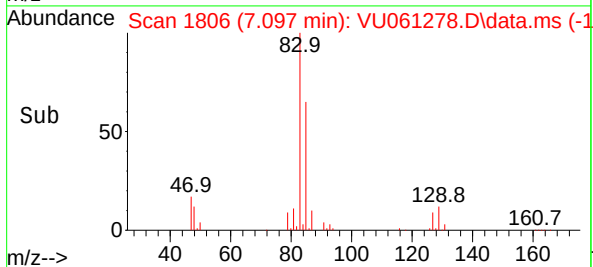
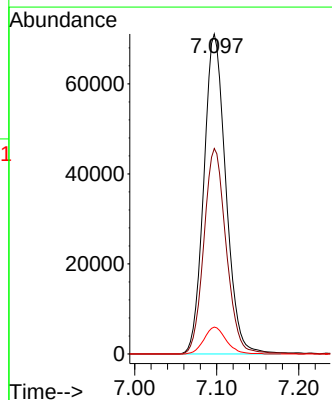
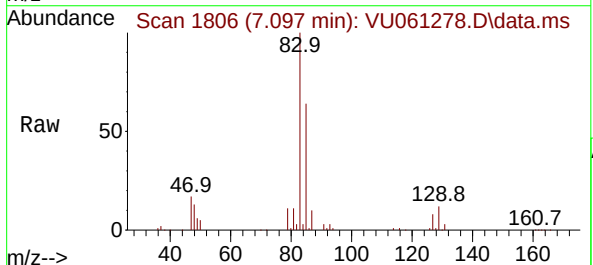
Instrument :
MSVOA_U
ClientSampleId :

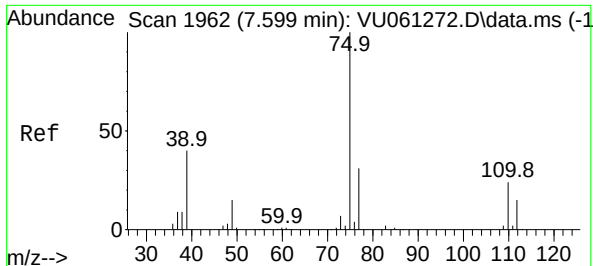
Tgt Ion: 63 Resp: 99423
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 53.001 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion: 83 Resp: 132531
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.0
127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 55.046 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

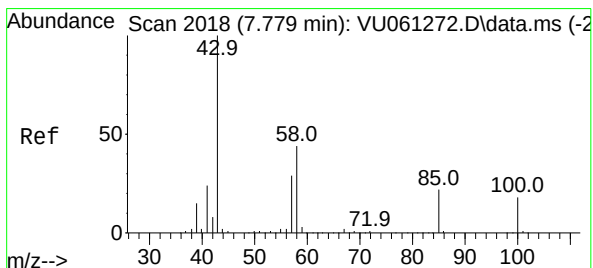
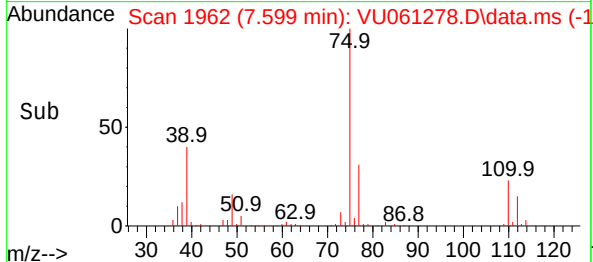
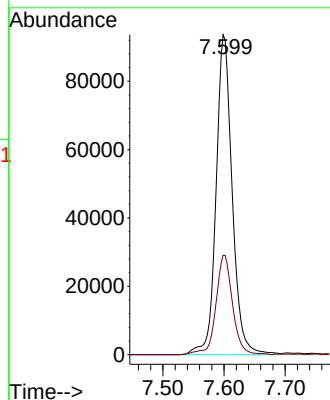
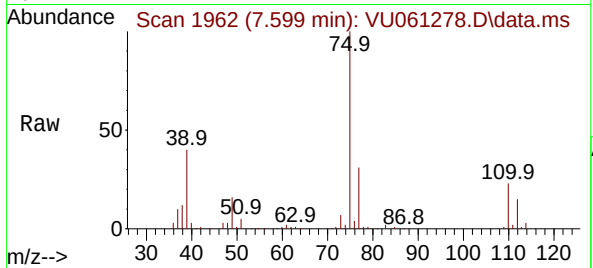
ClientSampleId :

Tgt Ion: 75 Resp: 171769

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 102.136 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

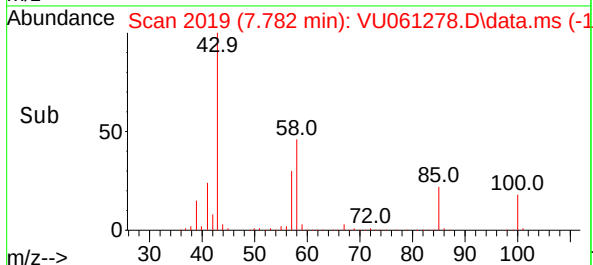
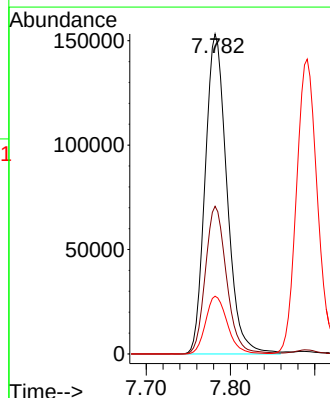
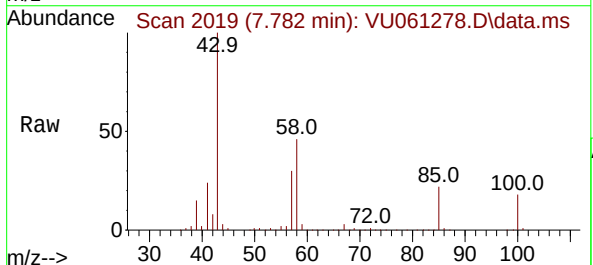
Tgt Ion: 43 Resp: 275288

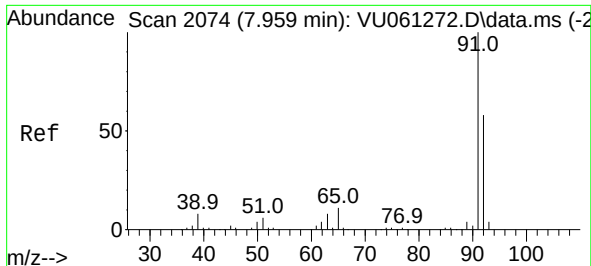
Ion Ratio Lower Upper

43 100

58 45.1 35.2 52.8

100 18.1 14.4 21.6





#42

Toluene

Concen: 53.209 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

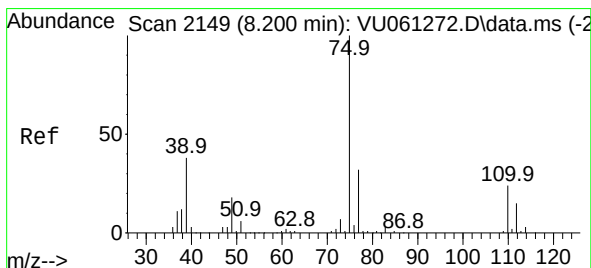
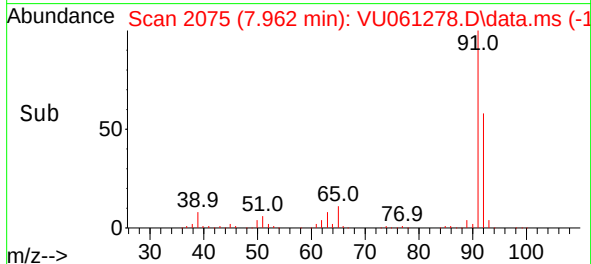
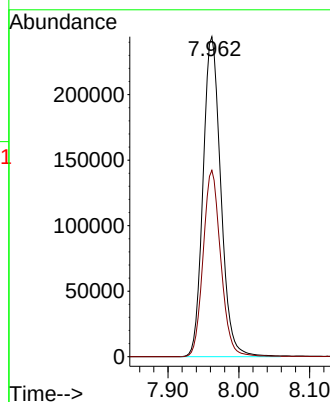
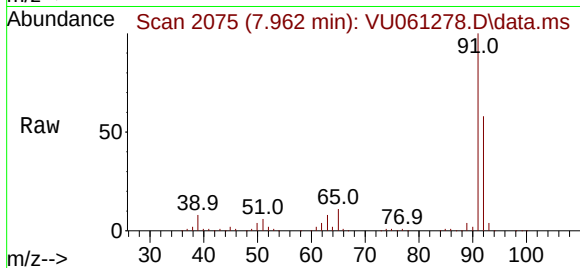
ClientSampleId :

Tgt Ion: 91 Resp: 426116

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 54.670 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU061278.D

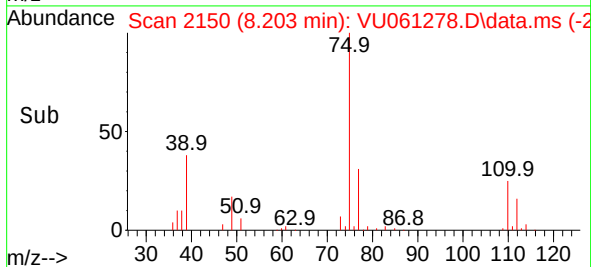
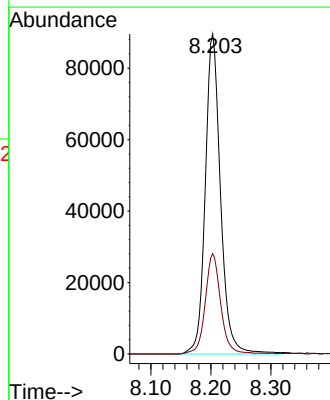
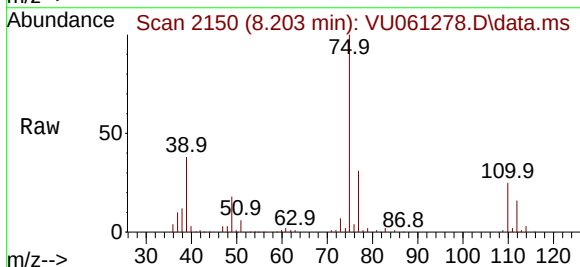
Acq: 29 Oct 2024 11:38

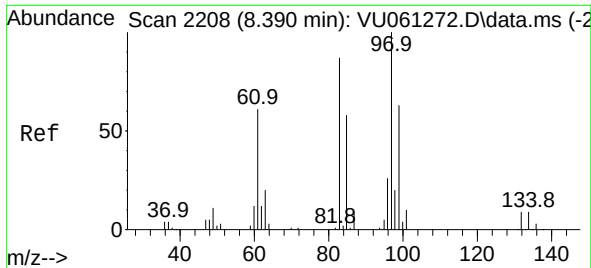
Tgt Ion: 75 Resp: 158786

Ion Ratio Lower Upper

75 100

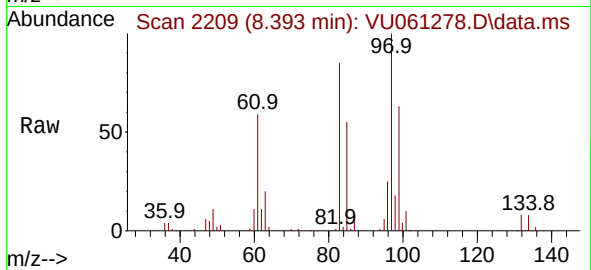
77 31.4 22.2 41.2



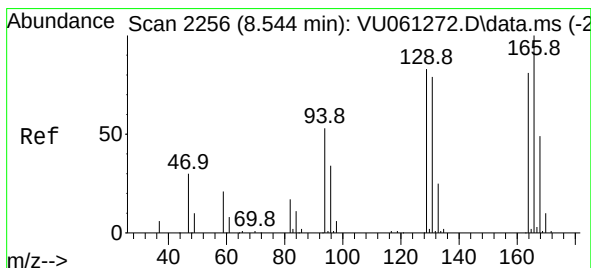
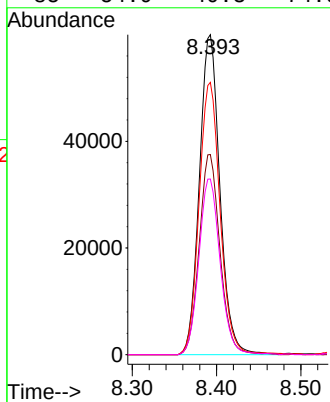
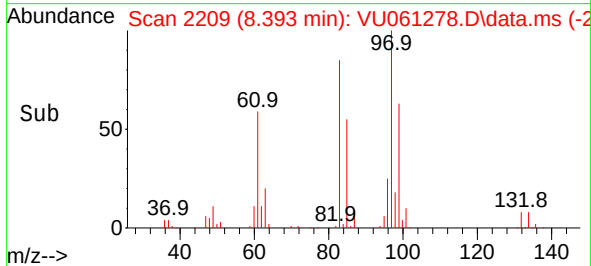


#45
1,1,2-Trichloroethane
Concen: 51.771 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

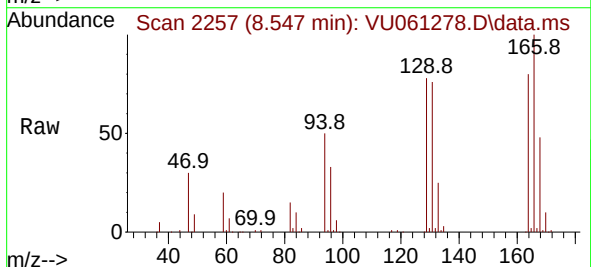
Instrument :
MSVOA_U
ClientSampleId :



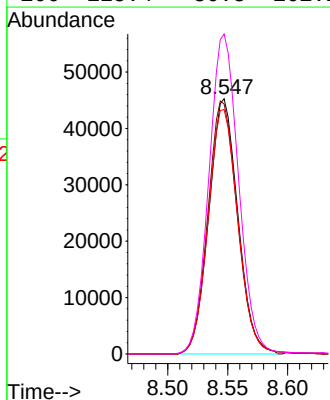
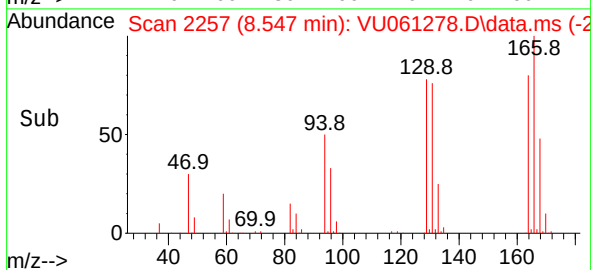
Tgt Ion:	97	Resp:	101852
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.4	82.5
83	85.1	61.0	113.2
85	54.9	40.3	74.9

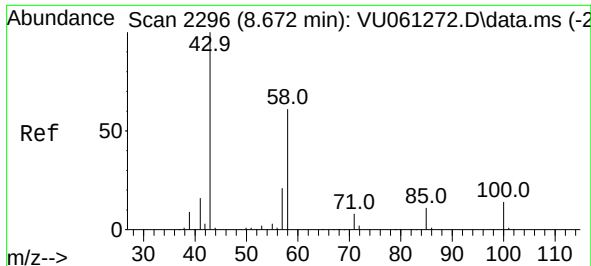


#46
Tetrachloroethene
Concen: 55.086 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38



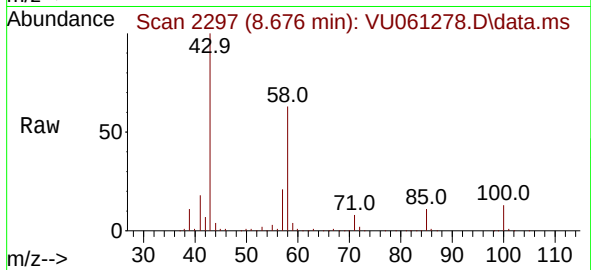
Tgt Ion:	164	Resp:	76226
Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.6	133.0
131	95.8	68.6	127.4
166	125.4	86.8	161.2



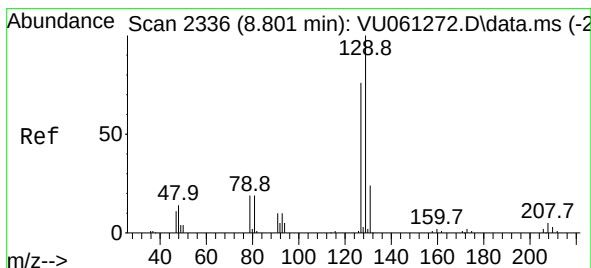
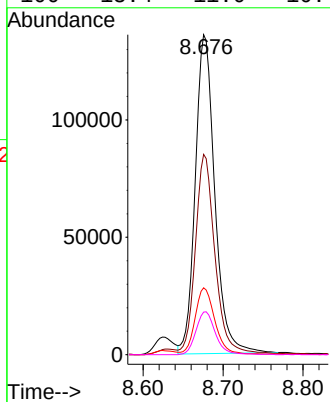
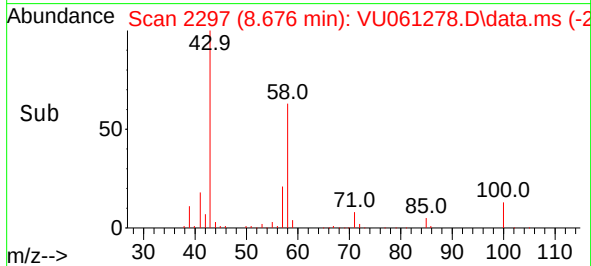


#48
2-Hexanone
Concen: 105.983 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Instrument :
MSVOA_U
ClientSampleId :

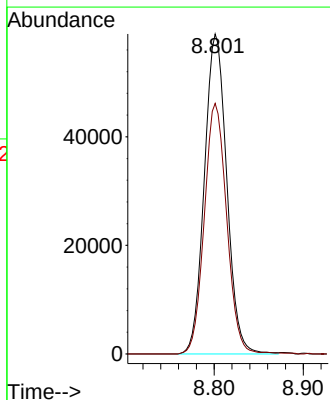
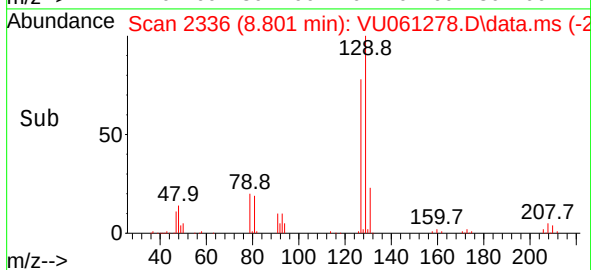
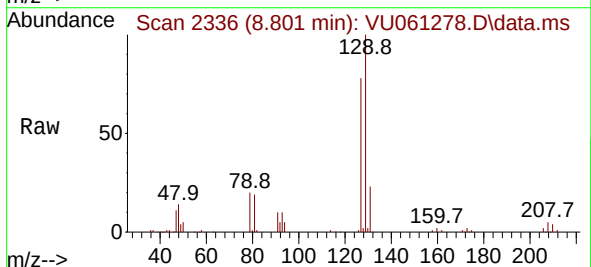


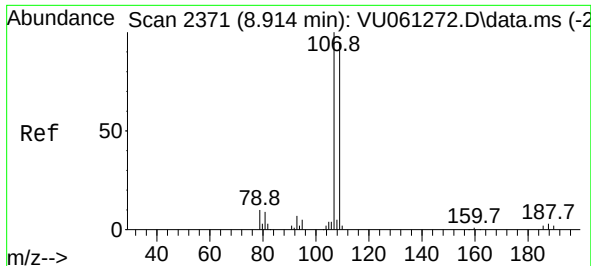
Tgt Ion:	43	Resp:	231763
Ion	Ratio	Lower	Upper
43	100		
58	61.1	49.2	73.8
57	20.9	17.4	26.2
100	13.4	11.0	16.4



#49
Dibromochloromethane
Concen: 52.727 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion:	129	Resp:	102865
Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.5	99.3





#50

1,2-Dibromoethane

Concen: 51.270 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

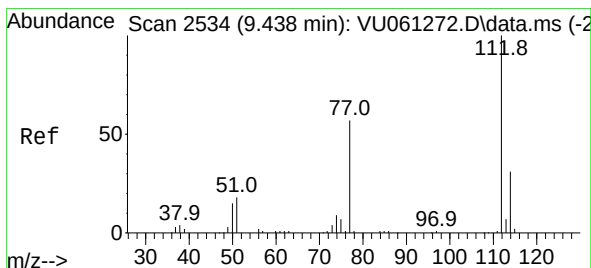
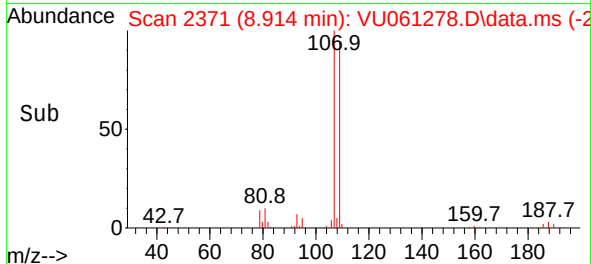
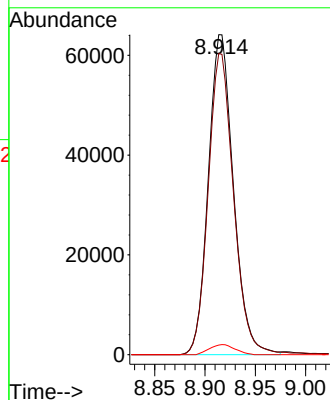
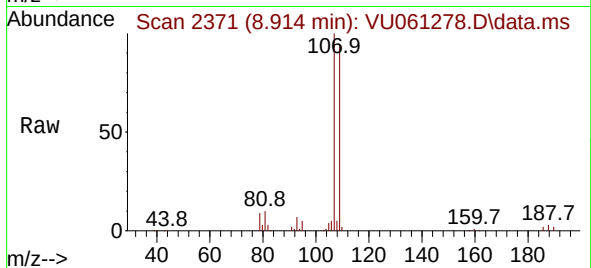
Tgt Ion:107 Resp: 111458

Ion Ratio Lower Upper

107 100

109 94.1 66.8 124.0

188 3.0 2.8 4.2



#51

Chlorobenzene

Concen: 53.234 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

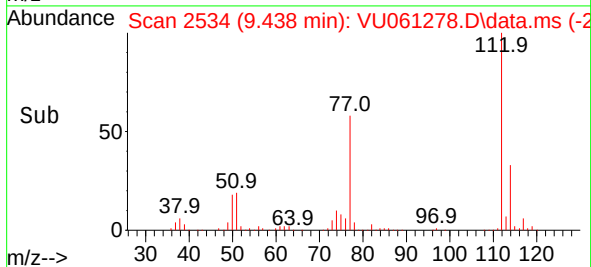
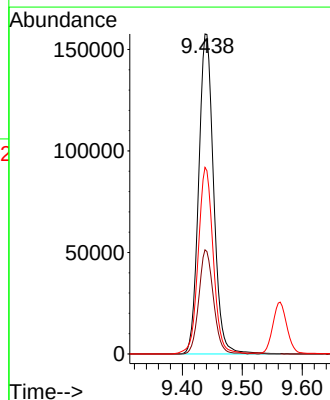
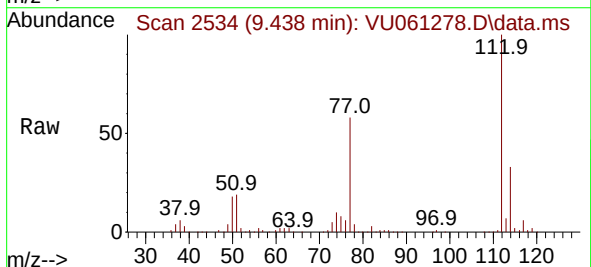
Tgt Ion:112 Resp: 273511

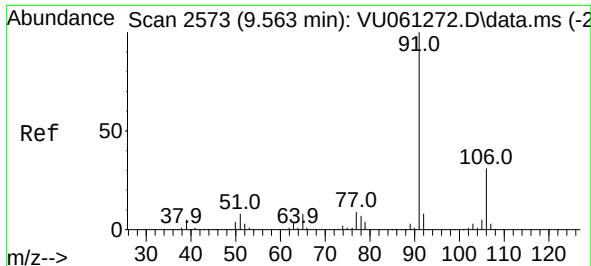
Ion Ratio Lower Upper

112 100

114 32.6 22.0 40.8

77 58.3 45.8 68.6





#52

Ethylbenzene

Concen: 54.631 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

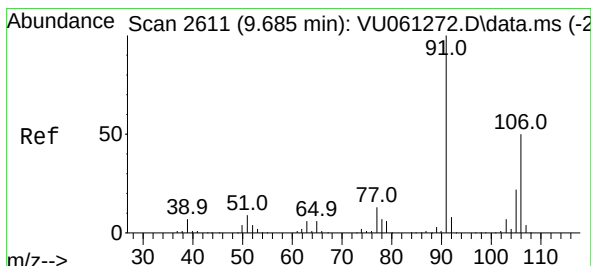
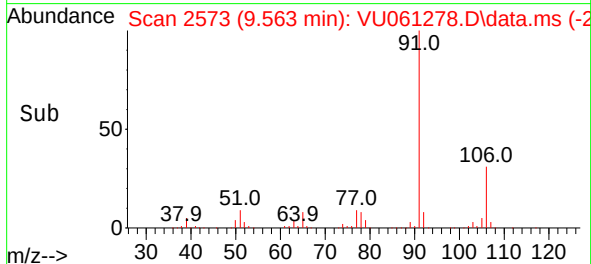
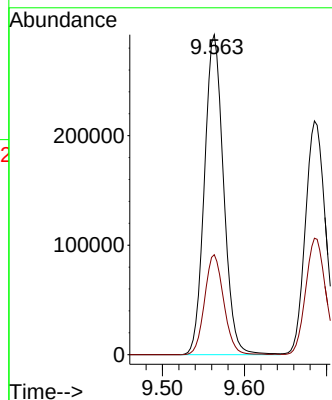
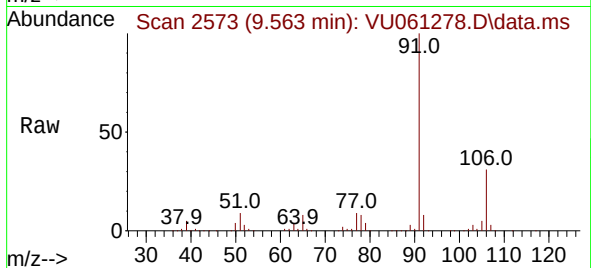
ClientSampleId :

Tgt Ion: 91 Resp: 473641

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.2



#53

m,p-Xylene

Concen: 54.616 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU061278.D

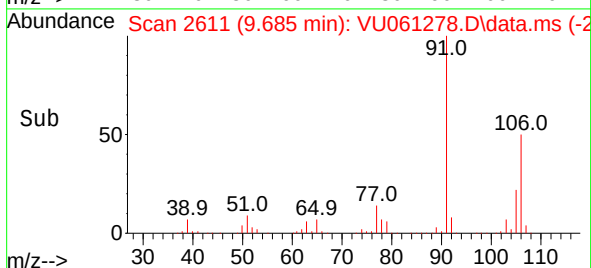
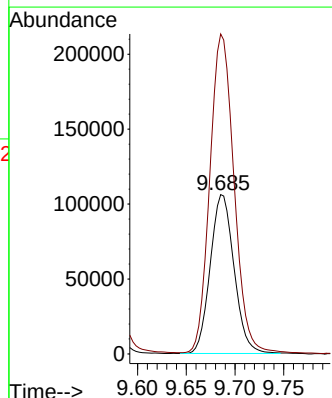
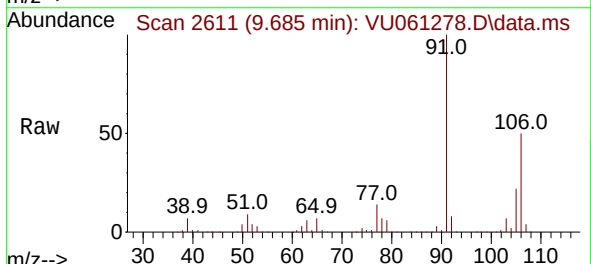
Acq: 29 Oct 2024 11:38

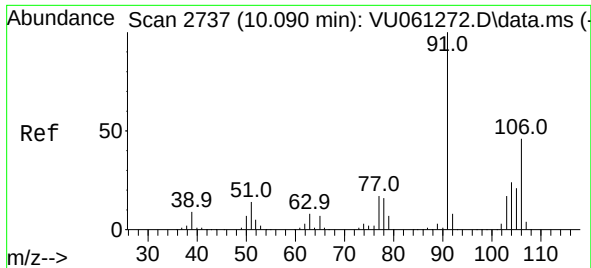
Tgt Ion:106 Resp: 180599

Ion Ratio Lower Upper

106 100

91 200.8 140.6 261.2

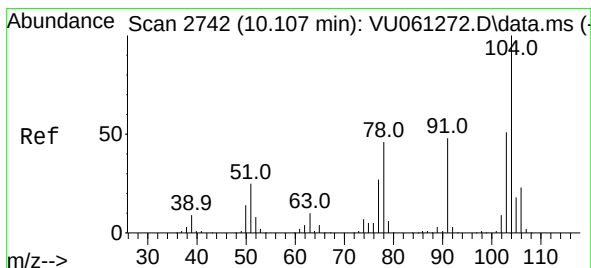
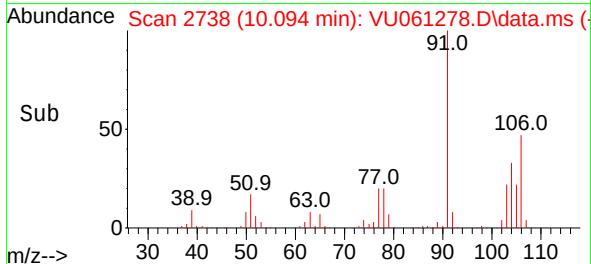
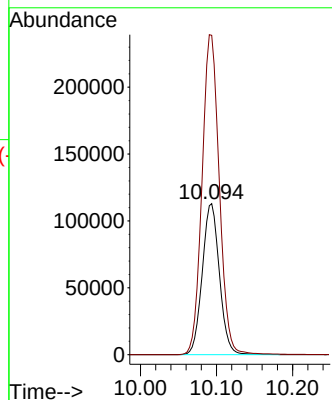
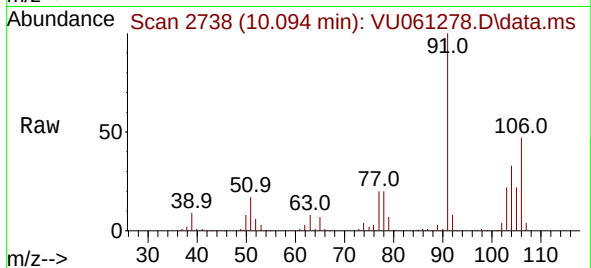




#54
o-Xylene
Concen: 53.925 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

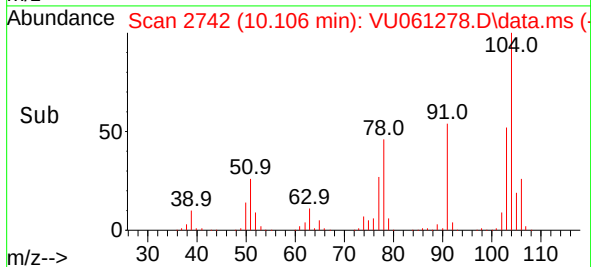
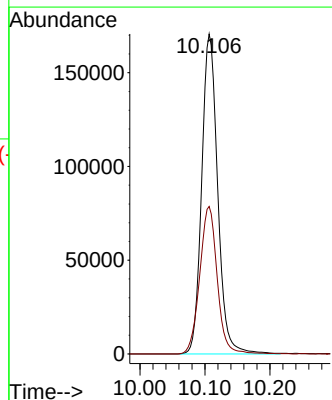
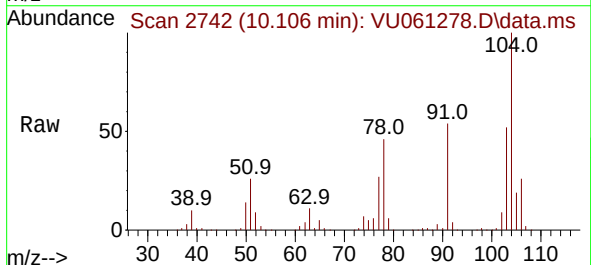
Instrument :
MSVOA_U
ClientSampleId :

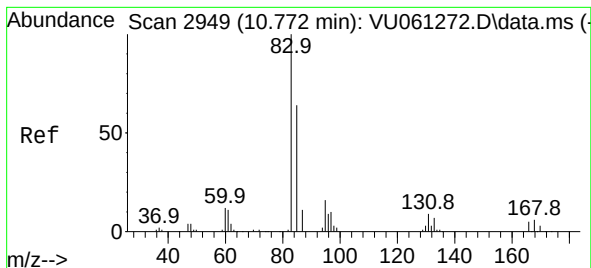
Tgt Ion:106 Resp: 176941
Ion Ratio Lower Upper
106 100
91 211.6 152.7 283.7



#55
Styrene
Concen: 54.903 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion:104 Resp: 293044
Ion Ratio Lower Upper
104 100
78 46.1 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 50.035 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

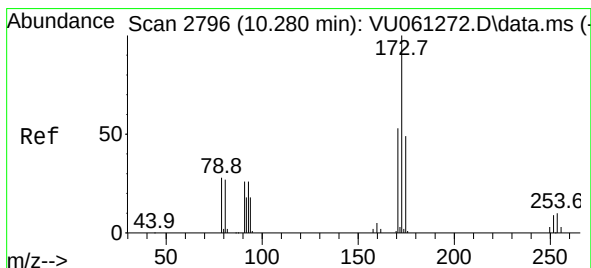
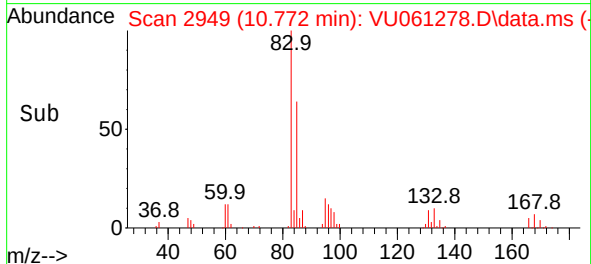
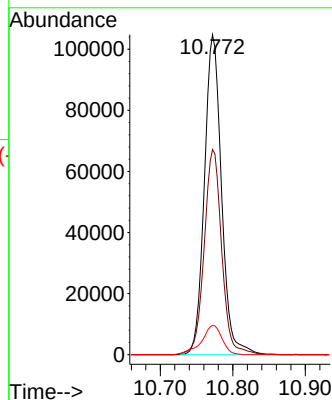
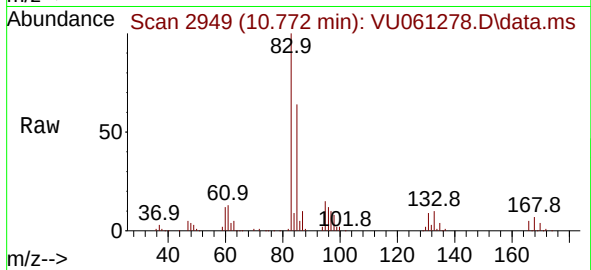
Tgt Ion: 83 Resp: 172141

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1

131 9.2 7.5 11.3



#59

Bromoform

Concen: 51.842 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

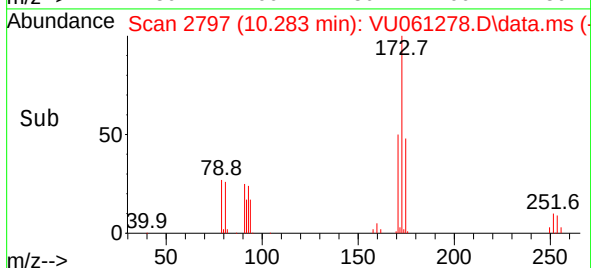
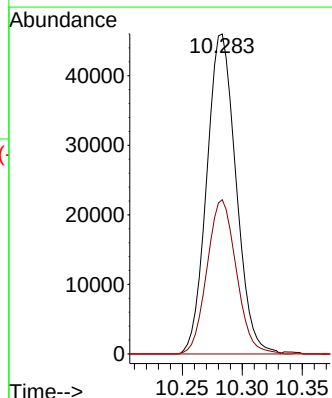
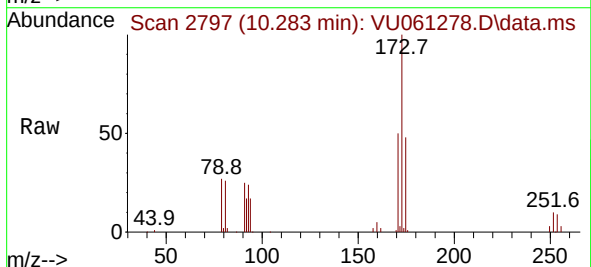
Tgt Ion:173 Resp: 78041

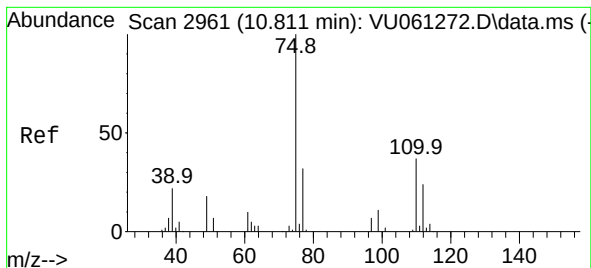
Ion Ratio Lower Upper

173 100

175 48.3 39.7 59.5

254 0.0 1.4 2.0#





#60

1,2,3-Trichloropropane

Concen: 48.221 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

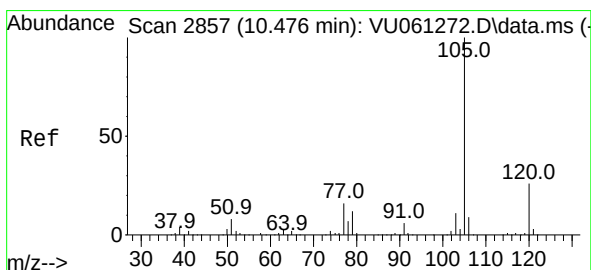
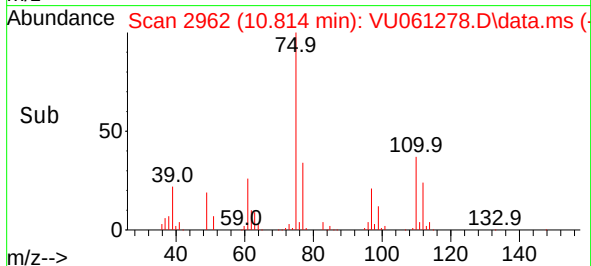
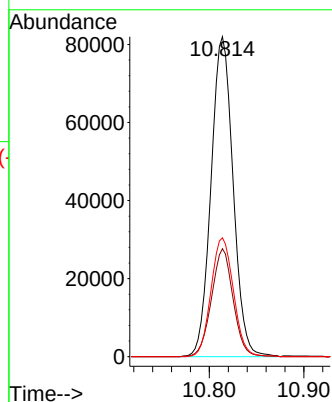
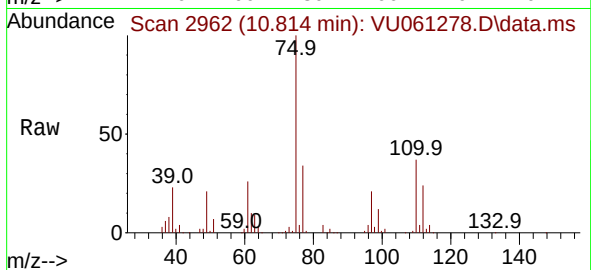
Tgt Ion: 75 Resp: 132885

Ion Ratio Lower Upper

75 100

77 33.2 25.5 38.3

110 37.8 29.8 44.6



#61

Isopropylbenzene

Concen: 54.685 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

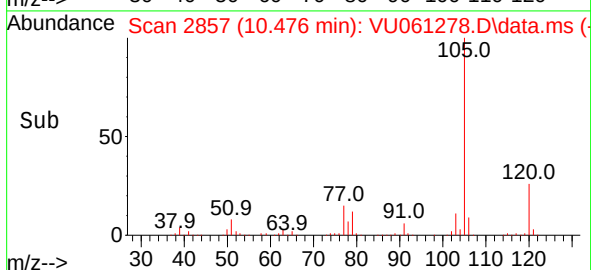
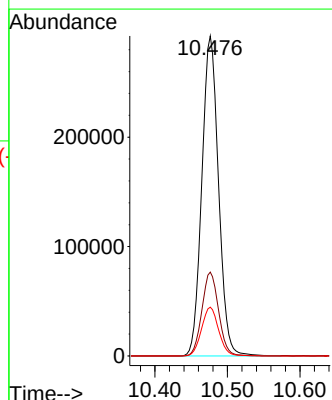
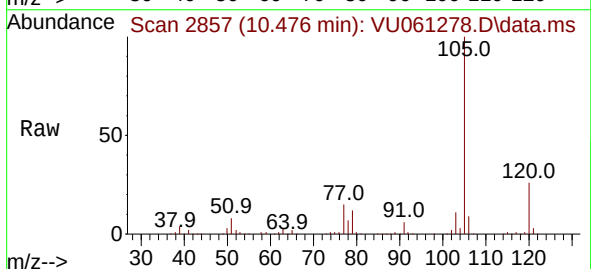
Tgt Ion:105 Resp: 467327

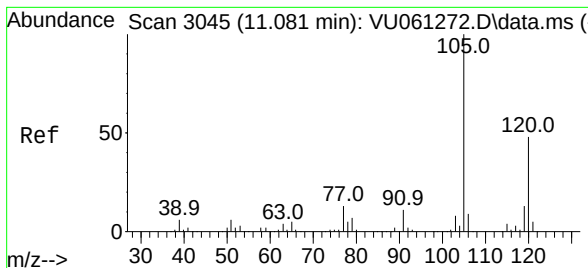
Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 15.6 12.7 19.1

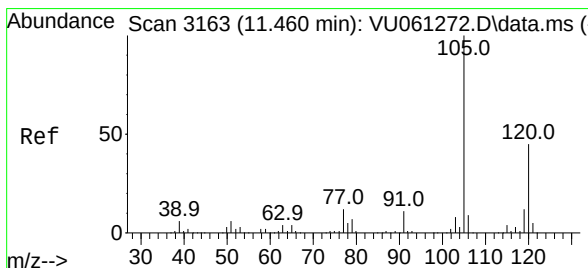
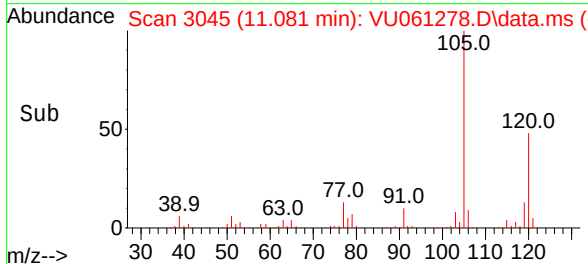
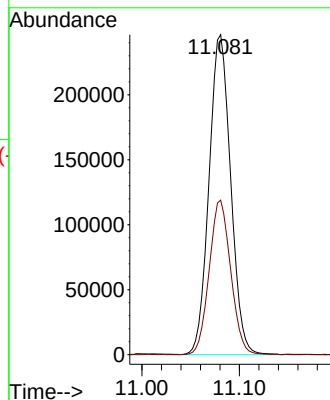
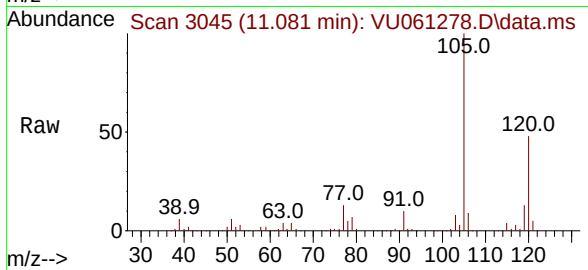




#62
1,3,5-Trimethylbenzene
Concen: 54.720 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

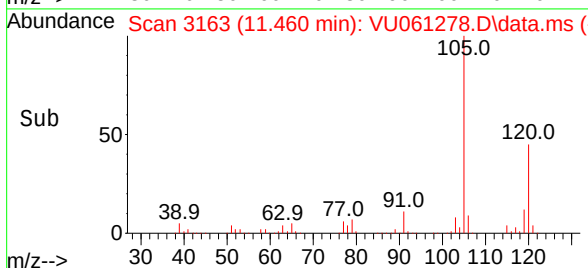
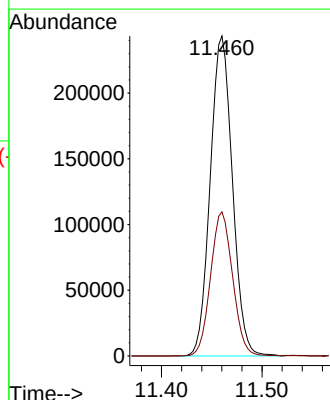
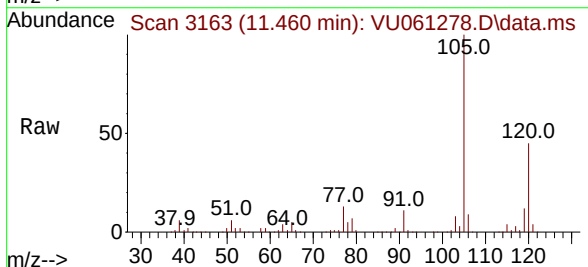
Instrument :
MSVOA_U
ClientSampleId :

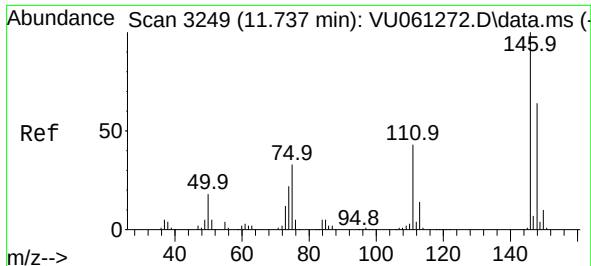
Tgt Ion:105 Resp: 379636
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 54.600 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061278.D
Acq: 29 Oct 2024 11:38

Tgt Ion:105 Resp: 373095
Ion Ratio Lower Upper
105 100
120 44.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 53.282 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

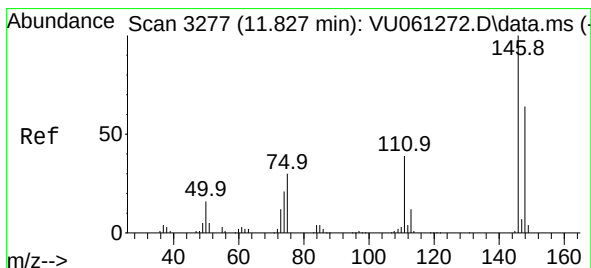
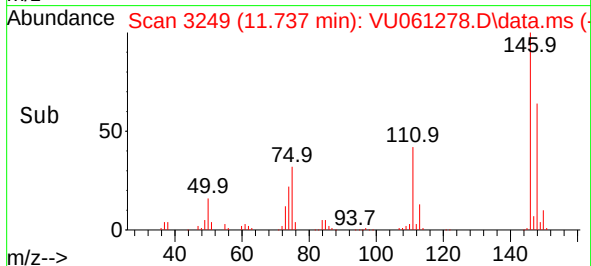
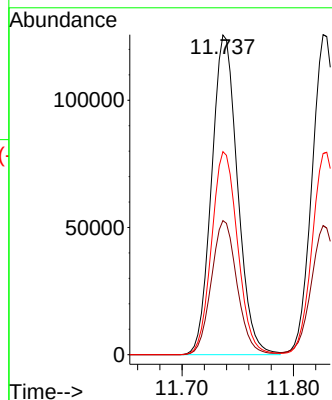
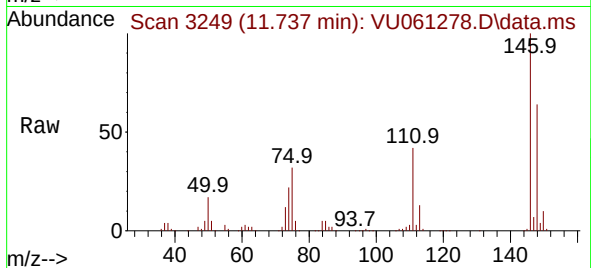
Tgt Ion:146 Resp: 203497

Ion Ratio Lower Upper

146 100

111 42.0 27.9 51.7

148 63.5 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 52.892 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

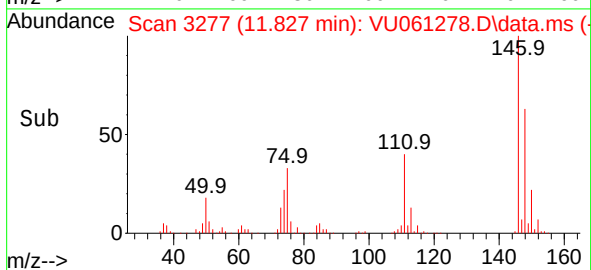
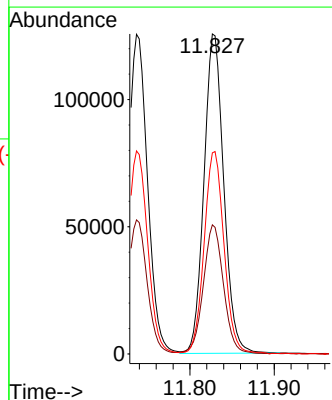
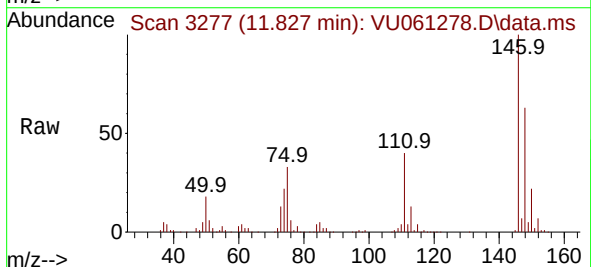
Tgt Ion:146 Resp: 205259

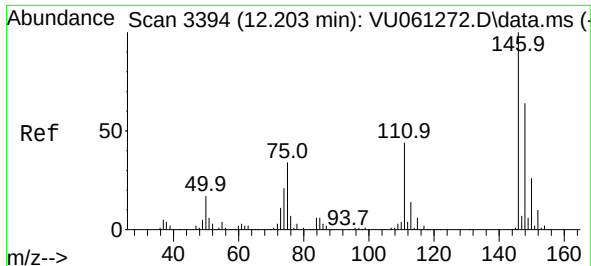
Ion Ratio Lower Upper

146 100

111 40.3 27.9 51.7

148 62.8 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 51.068 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

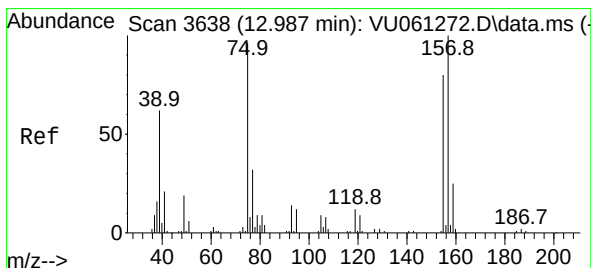
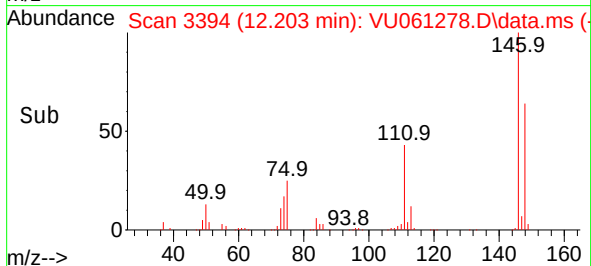
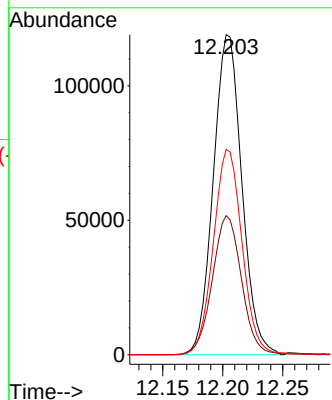
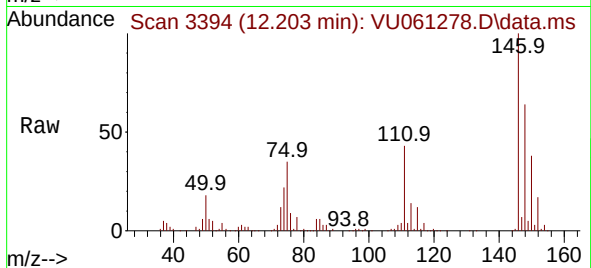
Tgt Ion:146 Resp: 196746

Ion Ratio Lower Upper

146 100

111 43.5 35.6 53.4

148 64.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 50.358 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

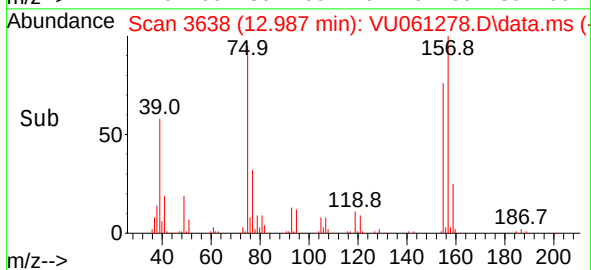
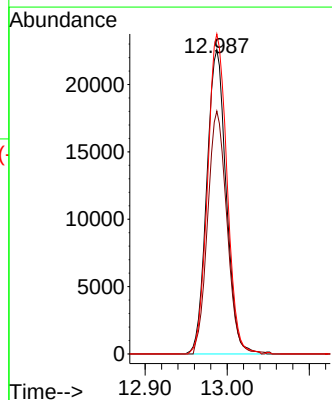
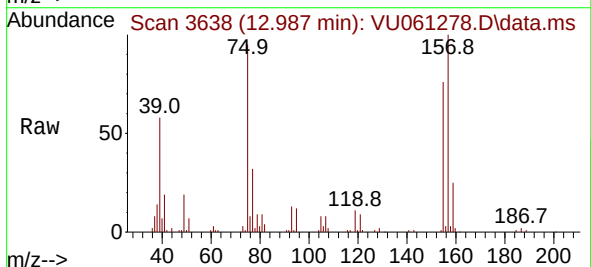
Tgt Ion: 75 Resp: 37389

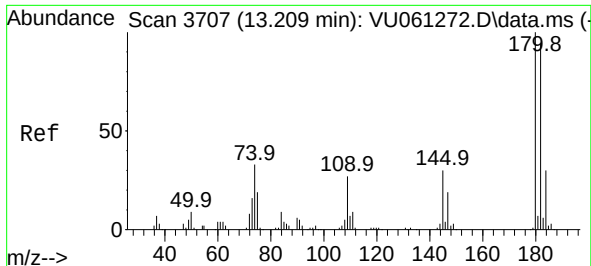
Ion Ratio Lower Upper

75 100

155 83.1 66.6 100.0

157 108.7 87.1 130.7





#69

1,3,5-Trichlorobenzene

Concen: 53.916 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

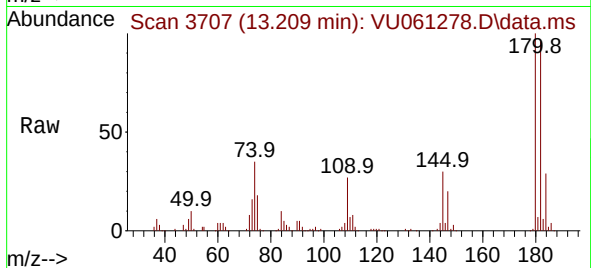
Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 138007

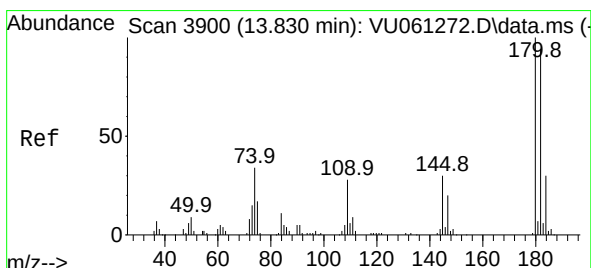
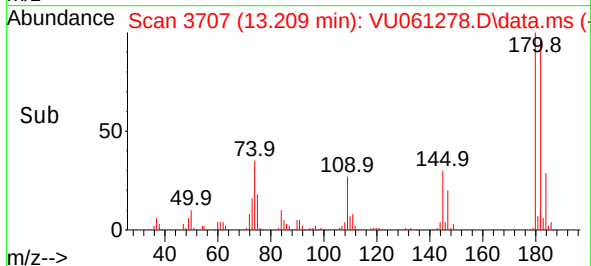
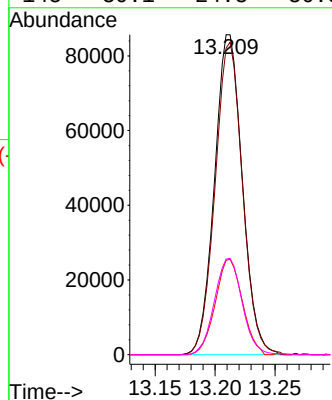
Ion Ratio Lower Upper

180 100

182 96.0 75.3 112.9

184 29.0 23.7 35.5

145 30.1 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 57.120 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU061278.D

Acq: 29 Oct 2024 11:38

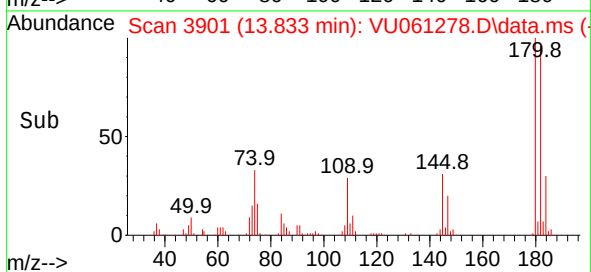
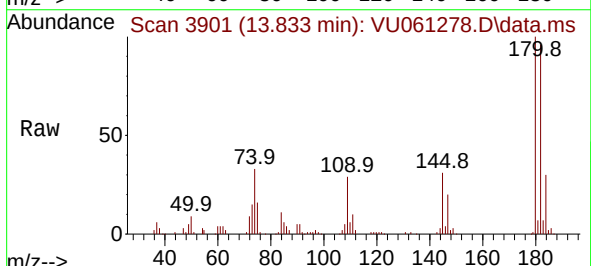
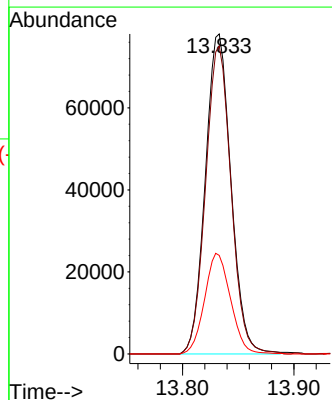
Tgt Ion:180 Resp: 125043

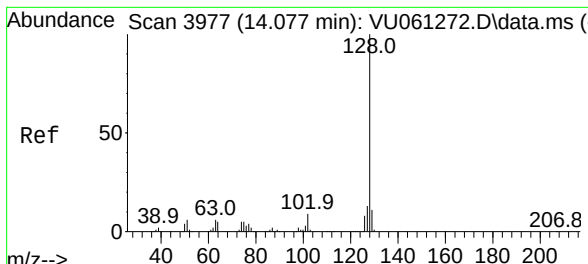
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 31.7 25.0 37.4



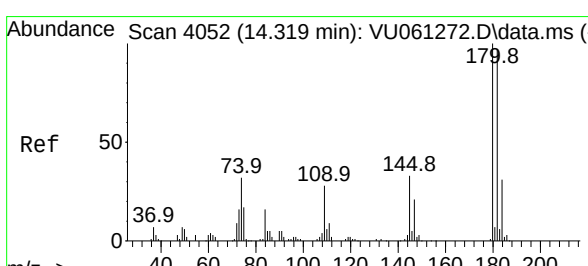
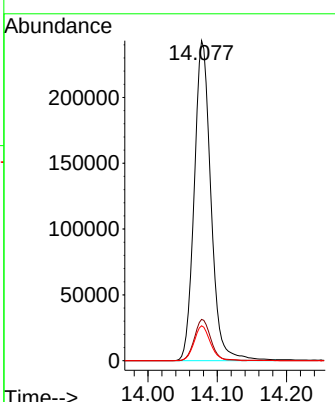
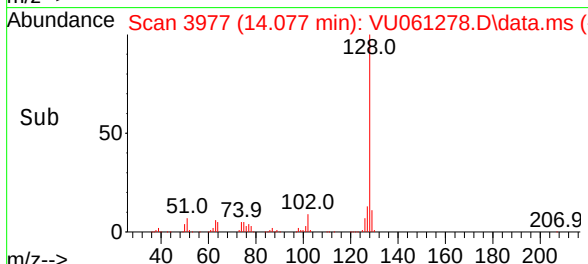
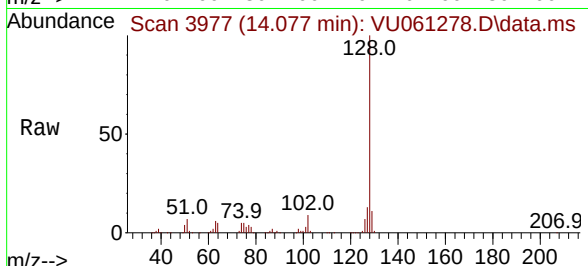


#71
 Naphthalene
 Concen: 57.826 ug/L
 RT: 14.077 min Scan# 3977
 Delta R.T. -0.000 min
 Lab File: VU061278.D
 Acq: 29 Oct 2024 11:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:128 Resp: 406522

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.3	12.5



#72
 1,2,3-Trichlorobenzene
 Concen: 56.550 ug/L
 RT: 14.319 min Scan# 4052
 Delta R.T. -0.000 min
 Lab File: VU061278.D
 Acq: 29 Oct 2024 11:38

Tgt Ion:180 Resp: 120902

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
145	32.3	25.6	38.4

