

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061657.D
 Acq On : 14 Nov 2024 05:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 05:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51650	4.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.911	69	47678	5.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.560	65	21457	4.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	131413	55.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	5.052	84	113270	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.692	65	56347	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	219653	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	68381	5.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.888	98	195300	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.171	79	23114	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	112634	60.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55480	5.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	66757	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48486	3.810	ug/L	99
3) Chloromethane	1.518	50	60547	5.244	ug/L	97
5) Vinyl chloride	1.602	62	59450	4.666	ug/L	100
6) Bromomethane	1.856	94	38585	5.075	ug/L	100
8) Chloroethane	1.930	64	46136	5.220	ug/L	97
9) Trichlorofluoromethane	2.133	101	74228	3.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41628	3.760	ug/L	100
12) 1,1-Dichloroethene	2.576	96	45995	4.450	ug/L	91
13) Acetone	2.647	43	87587	59.203	ug/L	98
14) Carbon disulfide	2.788	76	130473	3.930	ug/L	99
15) Methyl Acetate	2.952	43	21191	5.733	ug/L	100
16) Methylene chloride	3.039	84	66874	5.614	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	151243	5.970	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	52405	4.622	ug/L	99
19) 1,1-Dichloroethane	3.859	63	104429	5.052	ug/L	98
21) 2-Butanone	4.705	43	143301	59.309	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	66017	5.163	ug/L	98
23) Bromochloromethane	4.965	128	31032	5.464	ug/L	99
25) Chloroform	5.078	83	114180	5.241	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061657.D
 Acq On : 14 Nov 2024 05:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 05:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

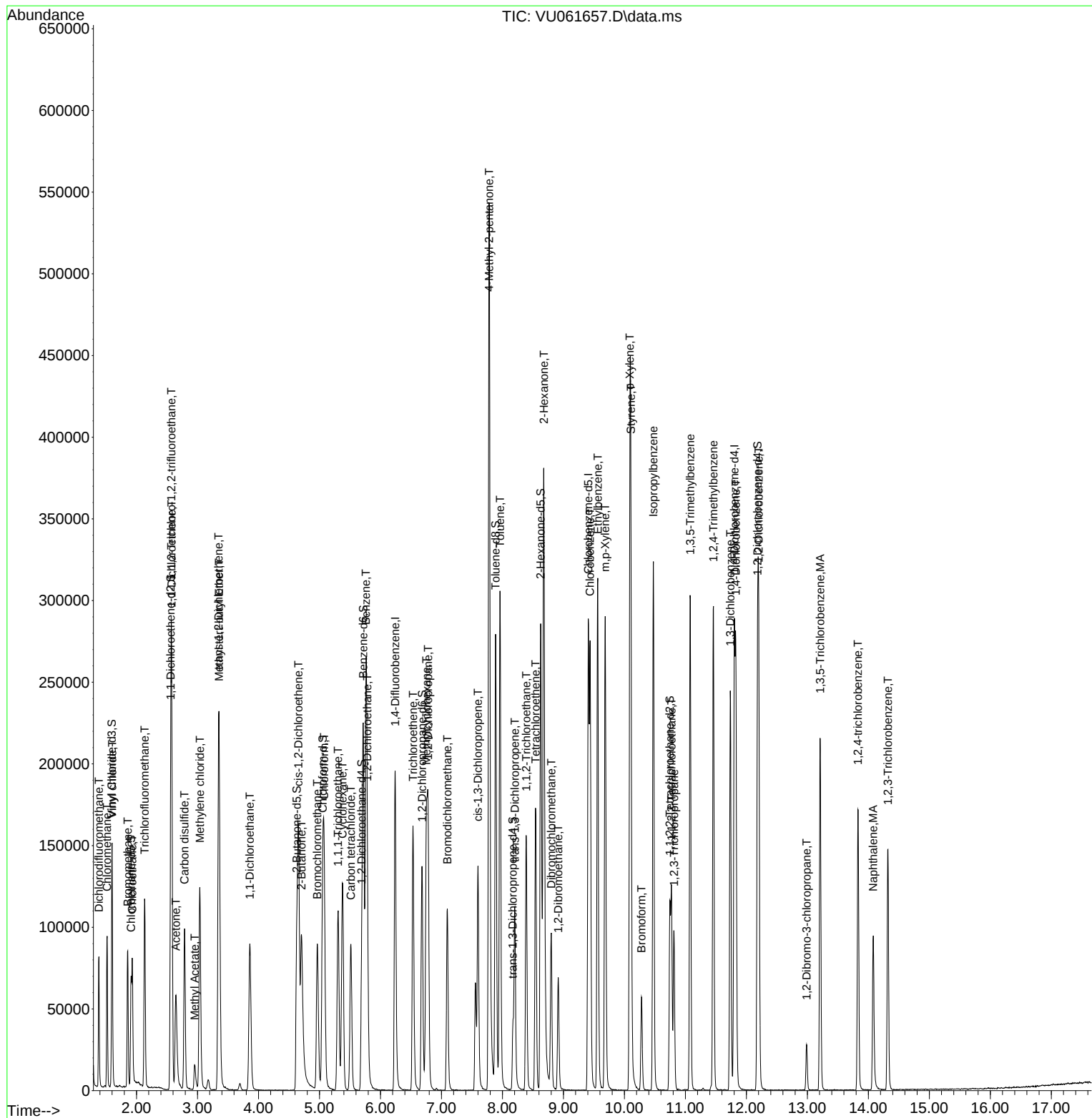
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	74857	5.475	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	80408	4.505	ug/L	98
30) Cyclohexane	5.377	56	63030	3.535	ug/L	95
31) Carbon tetrachloride	5.515	117	61914	4.073	ug/L	100
33) Benzene	5.763	78	240116	5.058	ug/L	100
34) Trichloroethene	6.534	95	56865	4.436	ug/L	95
35) Methylcyclohexane	6.753	83	68074	3.521	ug/L	98
37) 1,2-Dichloropropane	6.782	63	65540	5.442	ug/L	99
38) Bromodichloromethane	7.097	83	74551	5.159	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	85320	4.978	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	361265	62.560	ug/L	100
42) Toluene	7.962	91	235278	4.603	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	68119	5.010	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	49604	5.650	ug/L	98
47) Tetrachloroethene	8.544	164	37490	3.892	ug/L	99
48) 2-Hexanone	8.679	43	261239	63.270	ug/L	98
49) Dibromochloromethane	8.801	129	48894	5.311	ug/L	99
50) 1,2-Dibromoethane	8.914	107	46972	5.672	ug/L	99
51) Chlorobenzene	9.438	112	150201	4.565	ug/L	99
52) Ethylbenzene	9.563	91	228950	4.205	ug/L	100
53) m,p-Xylene	9.685	106	88919	4.268	ug/L	100
54) o-Xylene	10.090	106	89261	4.408	ug/L	98
55) Styrene	10.106	104	145667	4.518	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	60246	5.639	ug/L	94
59) Bromoform	10.280	173	25884	5.279	ug/L	99
60) Isopropylbenzene	10.476	105	216579	4.216	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41784	5.988	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	172202	4.187	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	169892	4.244	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	103590	4.397	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	104249	4.358	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	102216	4.665	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6881	5.647	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	69001	4.195	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	55457	4.350	ug/L	98
71) Naphthalene	14.081	128	86754	4.740	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	47860	4.472	ug/L	97

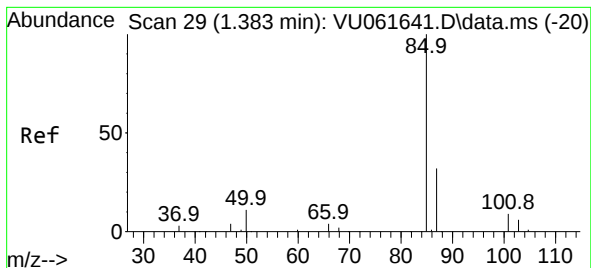
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061657.D
 Acq On : 14 Nov 2024 05:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 05:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

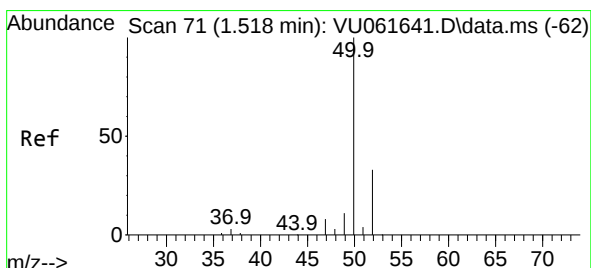
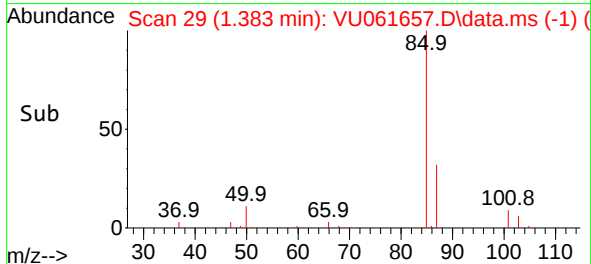
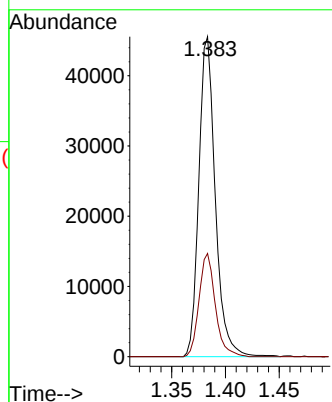
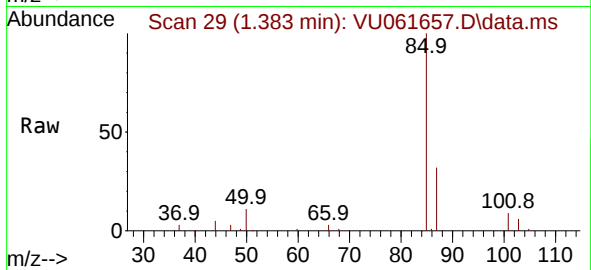




#2
 Dichlorodifluoromethane
 Concen: 3.810 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

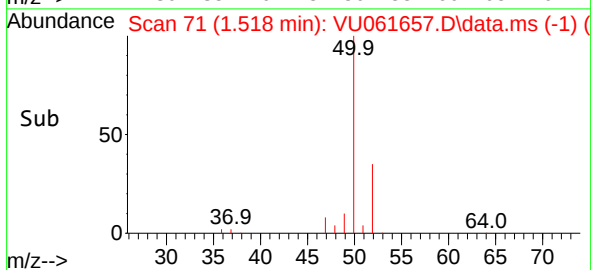
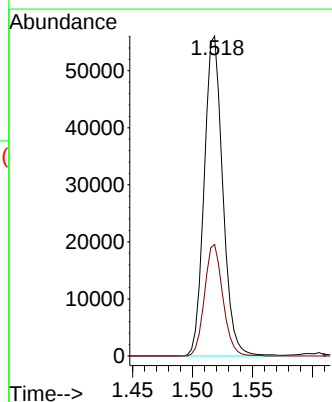
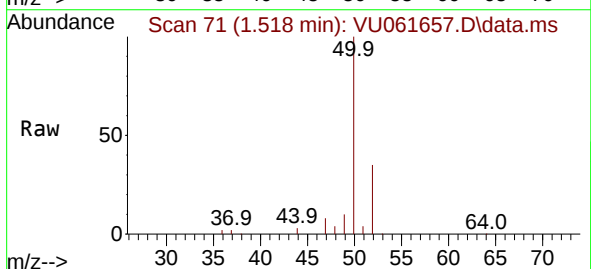
Instrument :
 MSVOA_U
 ClientSampleId :

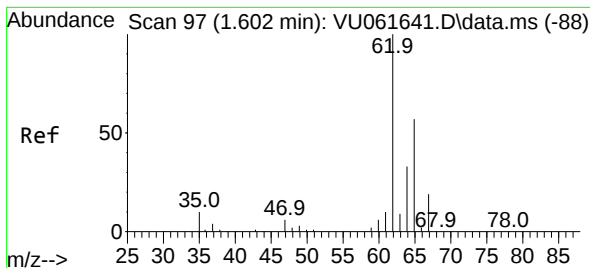
Tgt Ion: 85 Resp: 48486
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.244 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

Tgt Ion: 50 Resp: 60547
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.2 43.2





#5

Vinyl chloride

Concen: 4.666 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

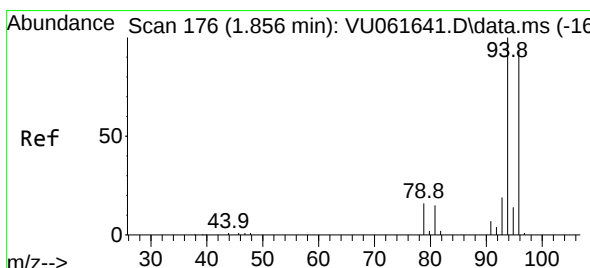
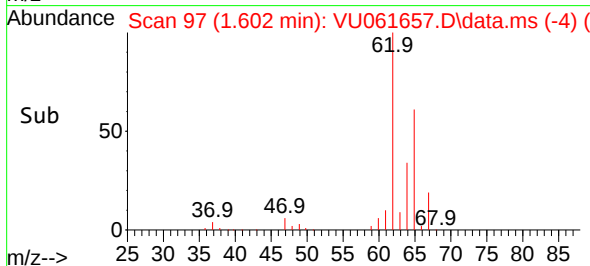
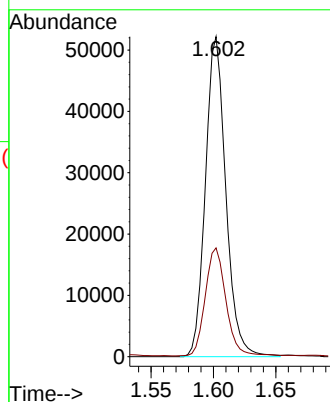
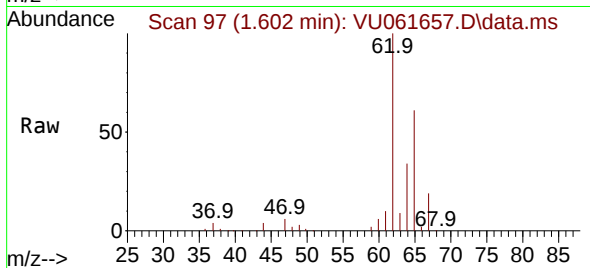
ClientSampleId :

Tgt Ion: 62 Resp: 59450

Ion Ratio Lower Upper

62 100

64 34.0 23.7 44.1



#6

Bromomethane

Concen: 5.075 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU061657.D

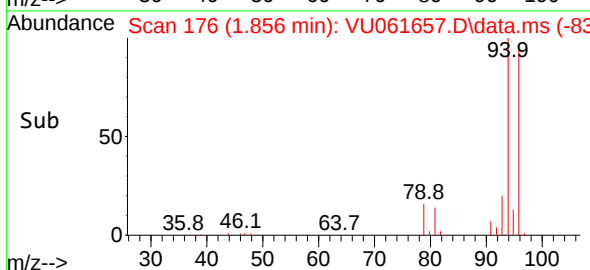
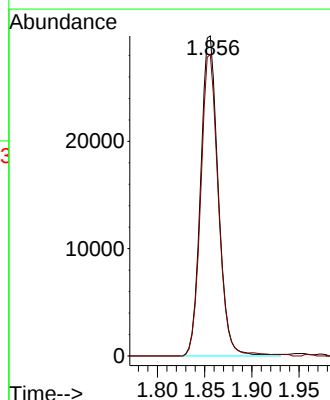
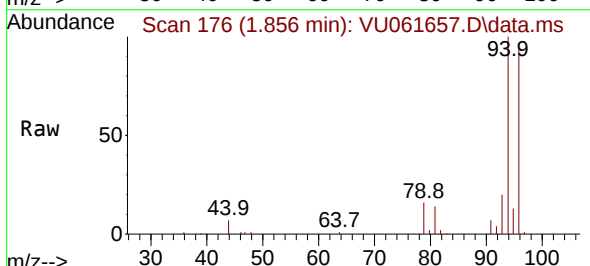
Acq: 14 Nov 2024 05:29

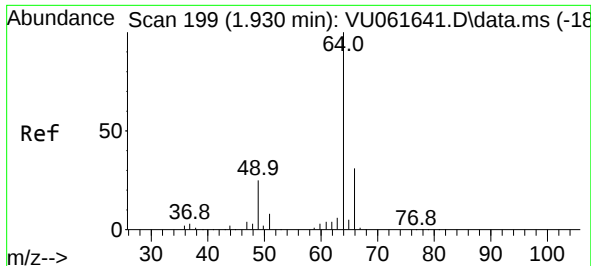
Tgt Ion: 94 Resp: 38585

Ion Ratio Lower Upper

94 100

96 94.3 65.7 121.9





#8

Chloroethane

Concen: 5.220 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

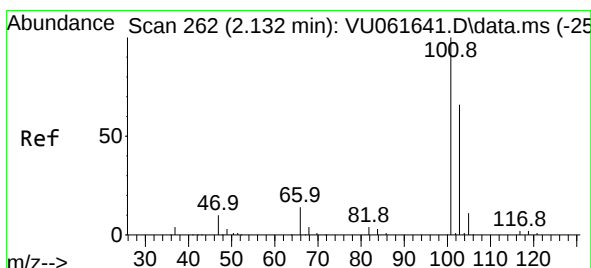
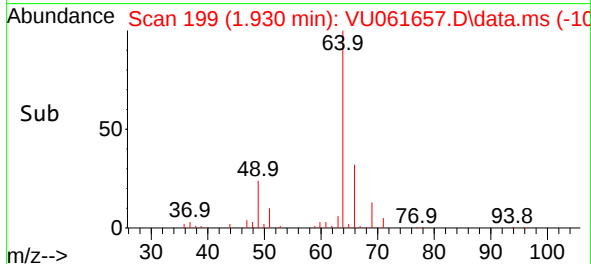
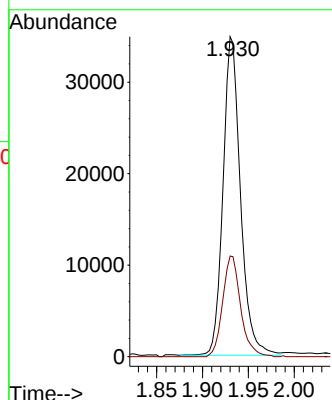
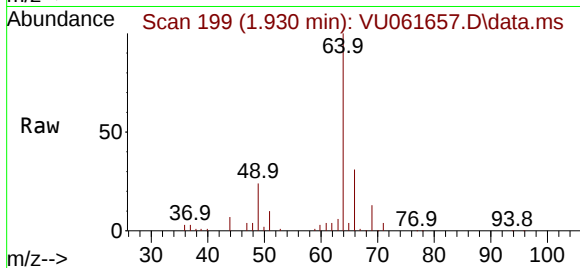
ClientSampleId :

Tgt Ion: 64 Resp: 46136

Ion Ratio Lower Upper

64 100

66 31.4 23.1 42.9



#9

Trichlorofluoromethane

Concen: 3.963 ug/L

RT: 2.133 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU061657.D

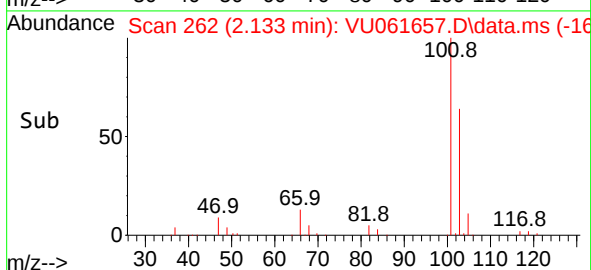
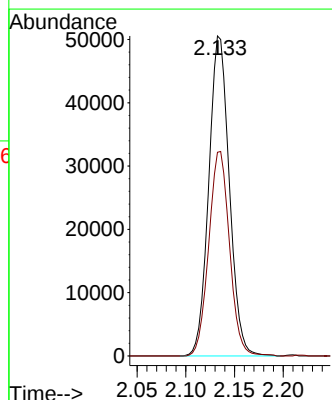
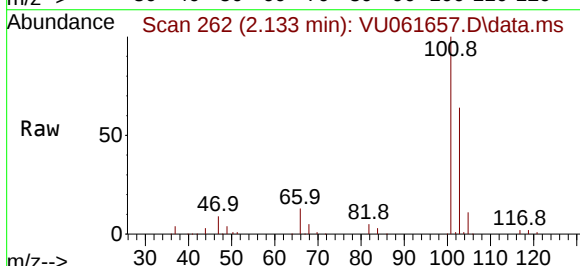
Acq: 14 Nov 2024 05:29

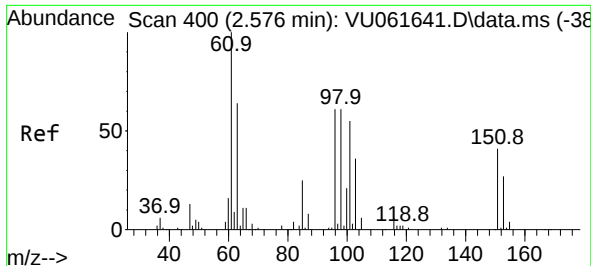
Tgt Ion: 101 Resp: 74228

Ion Ratio Lower Upper

101 100

103 64.6 52.2 78.2

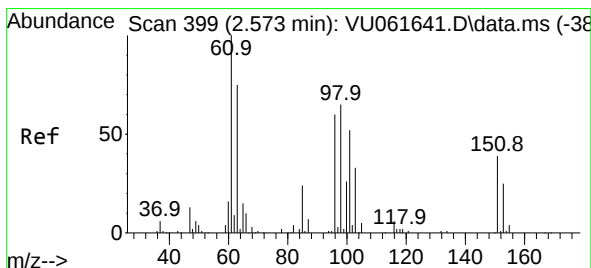
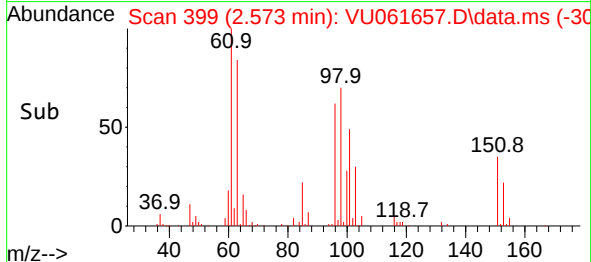
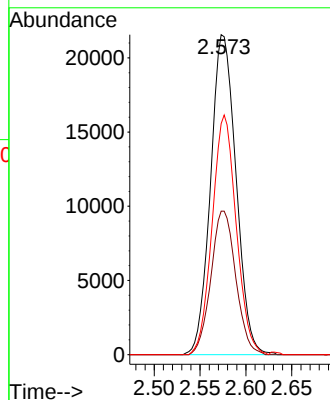
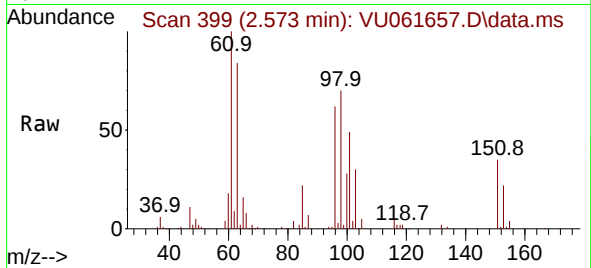




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.760 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

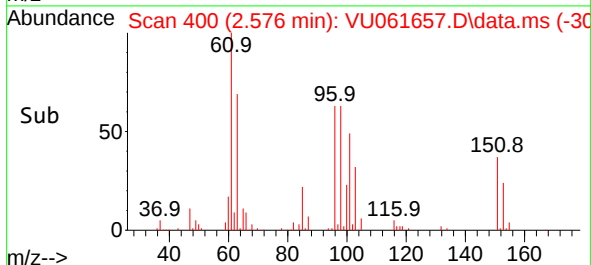
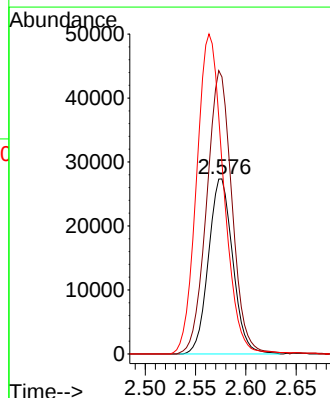
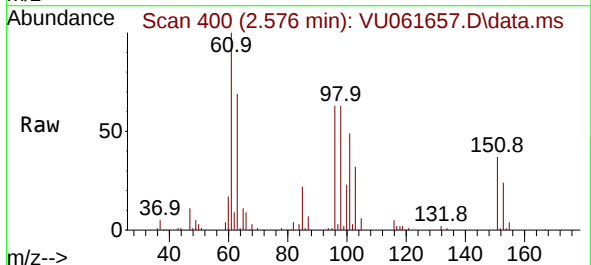
Instrument :
 MSVOA_U
 ClientSampleId :

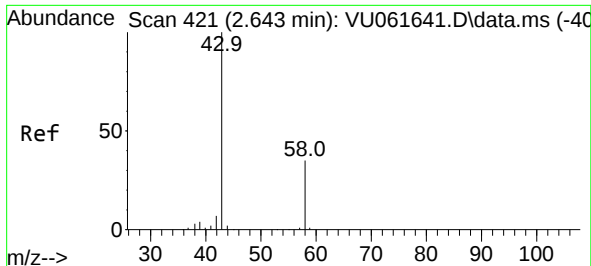
Tgt Ion:101 Resp: 41628
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.1 52.7
 151 70.9 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.450 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

Tgt Ion: 96 Resp: 45995
 Ion Ratio Lower Upper
 96 100
 61 158.3 116.8 217.0
 63 109.2 86.1 159.9





#13

Acetone

Concen: 59.203 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

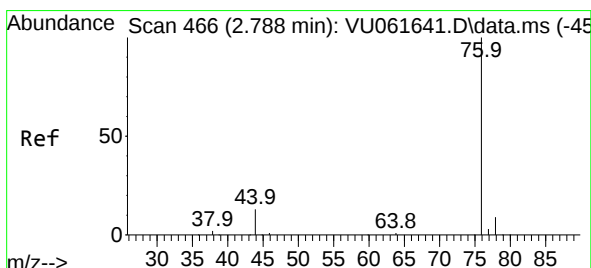
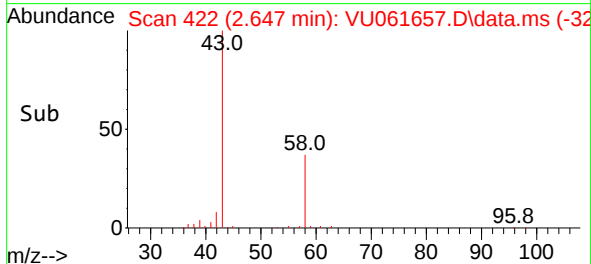
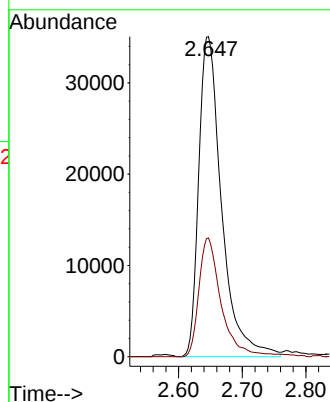
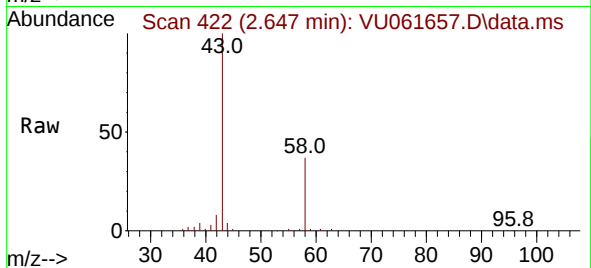
ClientSampleId :

Tgt Ion: 43 Resp: 87587

Ion Ratio Lower Upper

43 100

58 35.9 0.0 69.8



#14

Carbon disulfide

Concen: 3.930 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061657.D

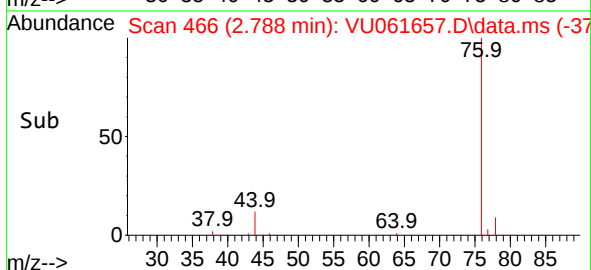
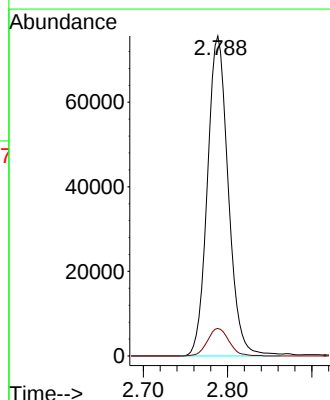
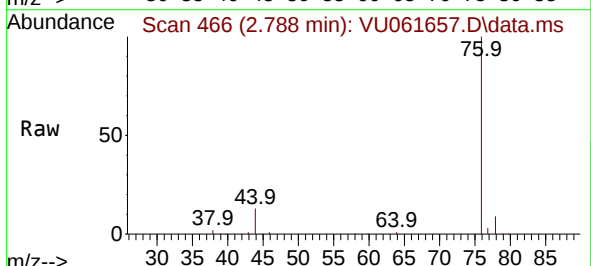
Acq: 14 Nov 2024 05:29

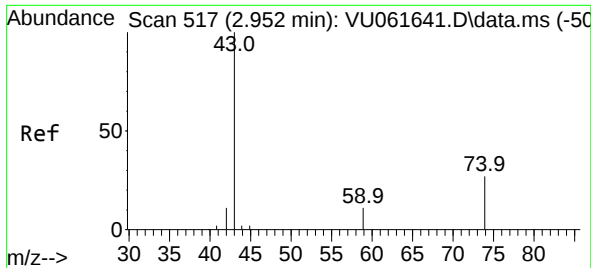
Tgt Ion: 76 Resp: 130473

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

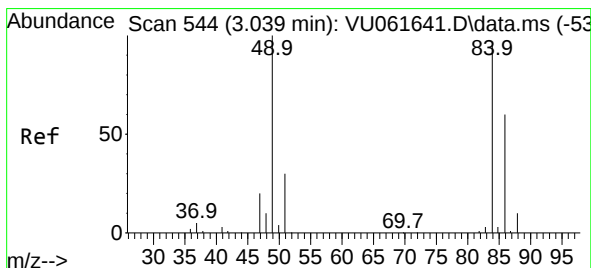
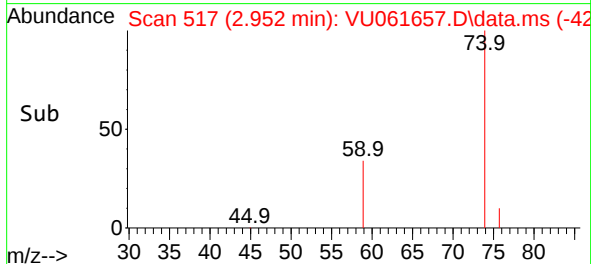
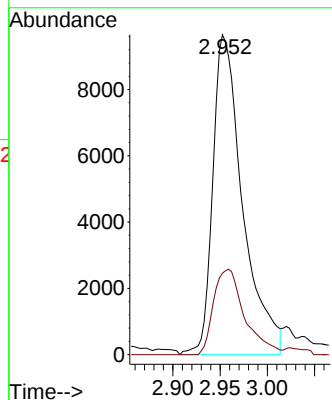
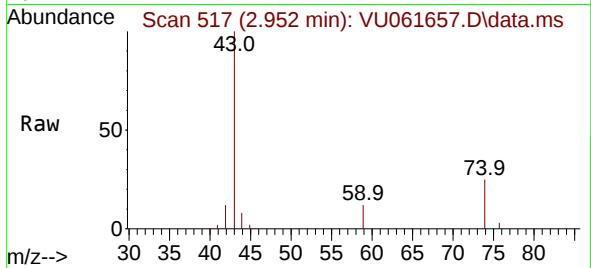




#15
Methyl Acetate
Concen: 5.733 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

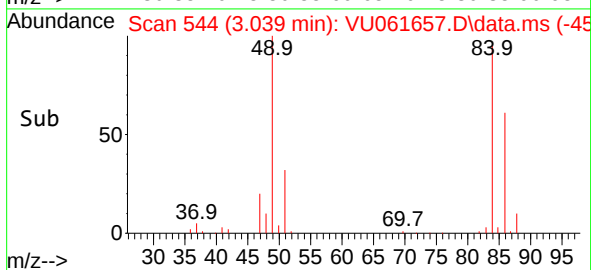
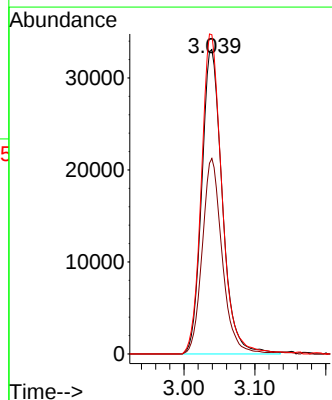
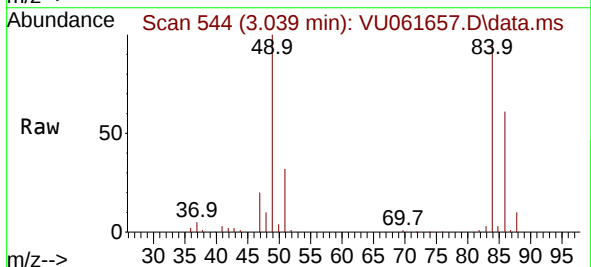
Instrument :
MSVOA_U
ClientSampleId :

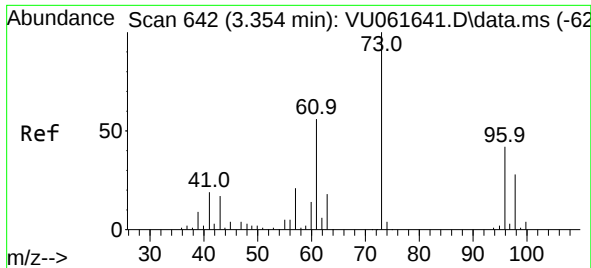
Tgt Ion: 43 Resp: 21191
Ion Ratio Lower Upper
43 100
74 27.9 22.5 33.7



#16
Methylene chloride
Concen: 5.614 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 84 Resp: 66874
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.7
49 104.8 76.3 141.7

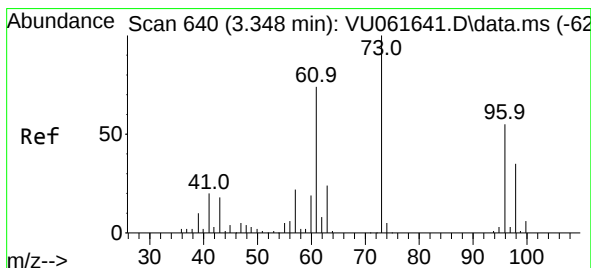
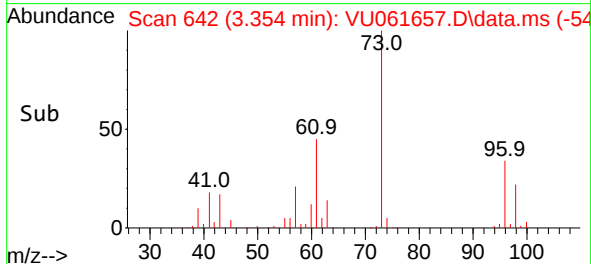
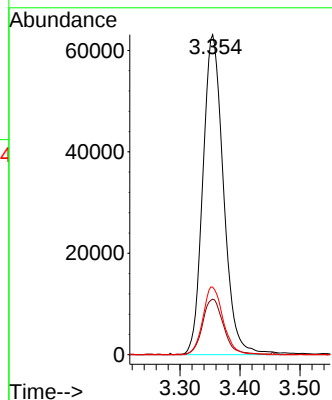
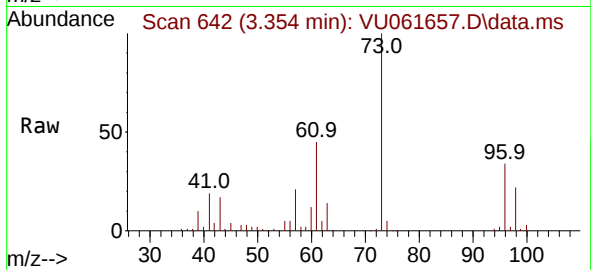




#17
Methyl tert-butyl Ether
Concen: 5.970 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

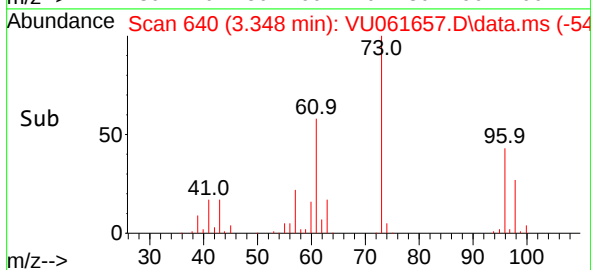
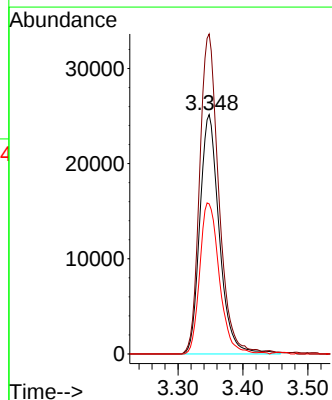
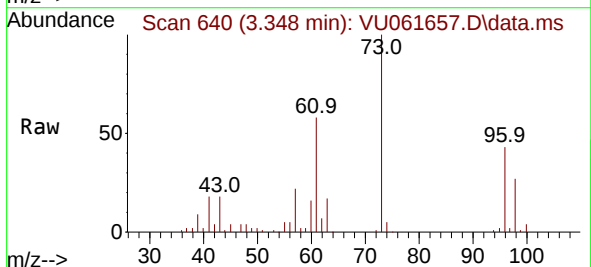
Instrument :
MSVOA_U
ClientSampleId :

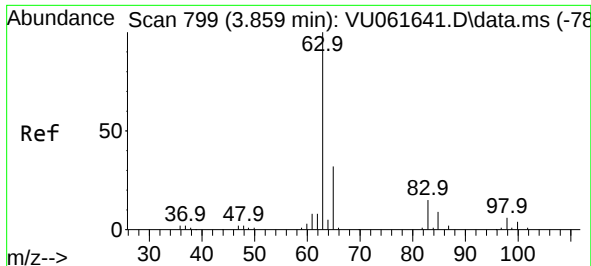
Tgt Ion: 73 Resp: 151243
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 20.8 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.622 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 96 Resp: 52405
Ion Ratio Lower Upper
96 100
61 133.7 94.1 174.8
98 62.7 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.052 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

ClientSampleId :

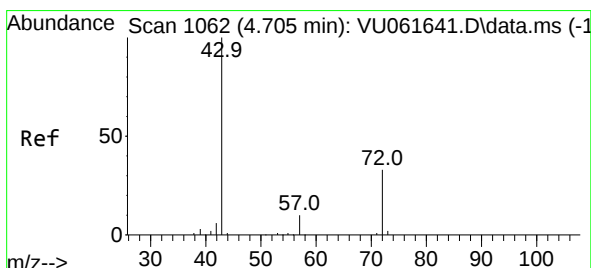
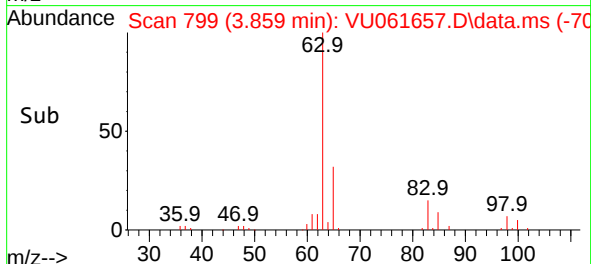
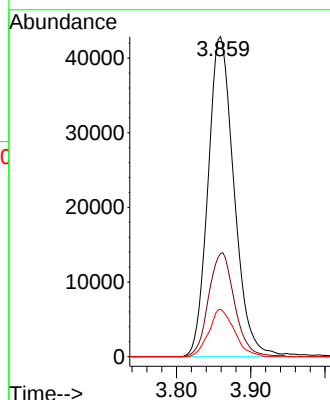
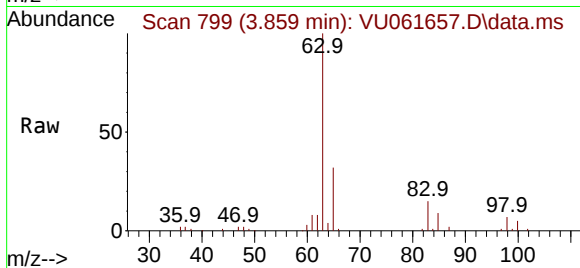
Tgt Ion: 63 Resp: 104429

Ion Ratio Lower Upper

63 100

65 32.2 23.4 43.4

83 14.7 9.6 17.8



#21

2-Butanone

Concen: 59.309 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VU061657.D

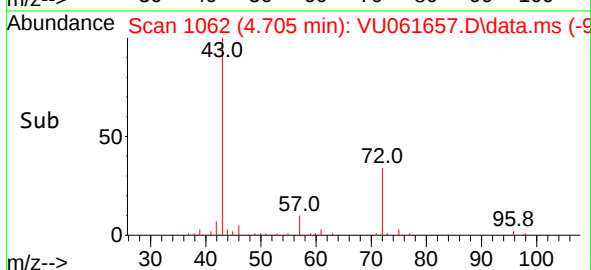
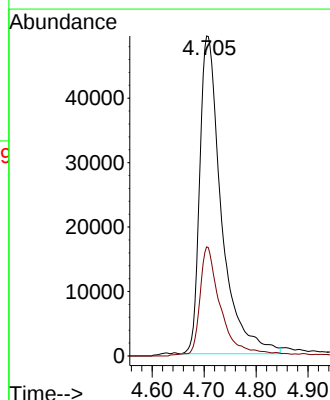
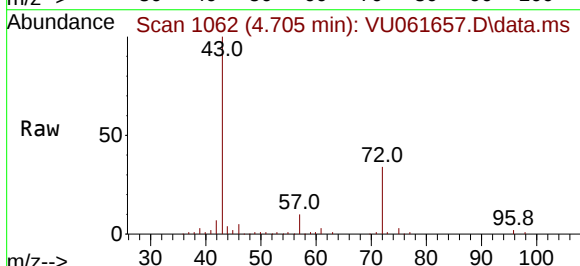
Acq: 14 Nov 2024 05:29

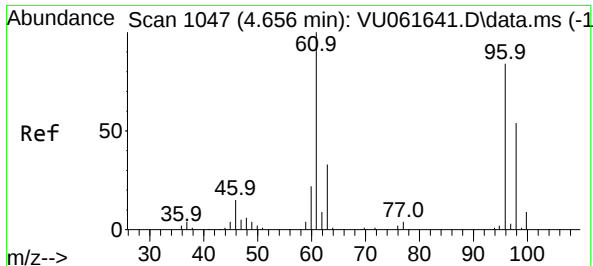
Tgt Ion: 43 Resp: 143301

Ion Ratio Lower Upper

43 100

72 33.0 15.8 47.3





#22

cis-1,2-Dichloroethene

Concen: 5.163 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

ClientSampleId :

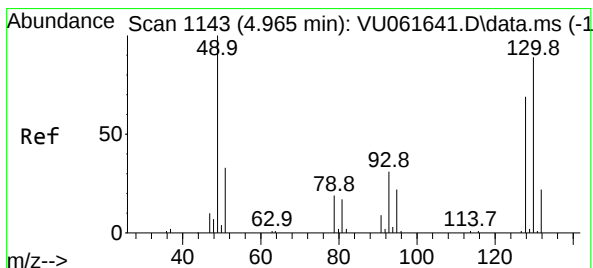
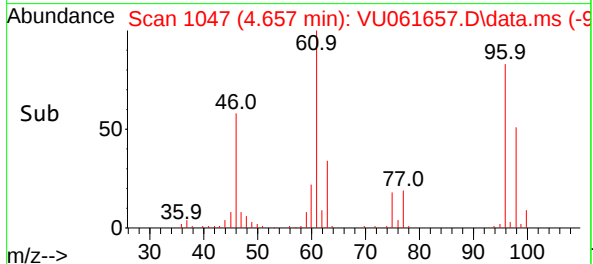
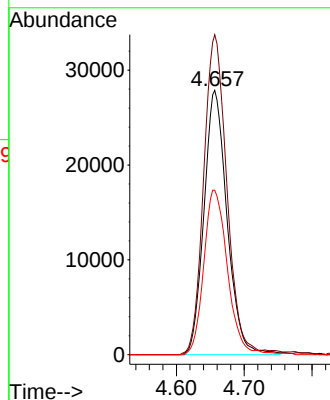
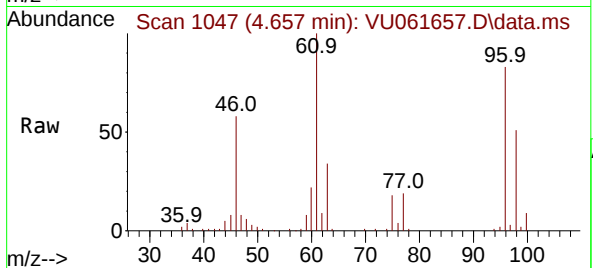
Tgt Ion: 96 Resp: 66017

Ion Ratio Lower Upper

96 100

61 121.1 85.6 159.0

98 62.2 45.6 84.8



#23

Bromochloromethane

Concen: 5.464 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Tgt Ion: 128 Resp: 31032

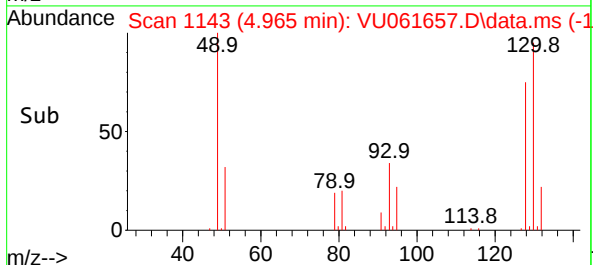
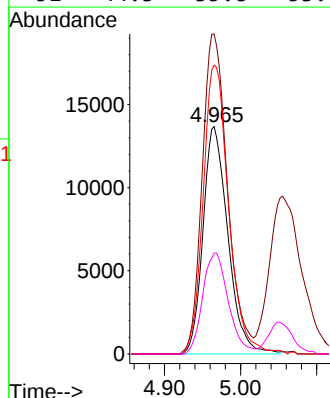
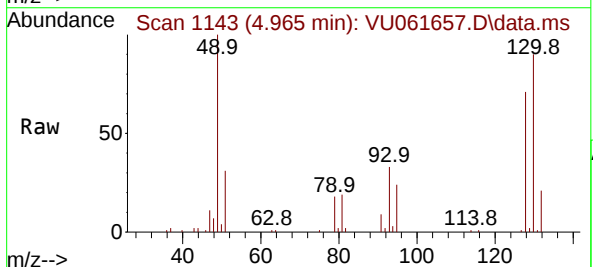
Ion Ratio Lower Upper

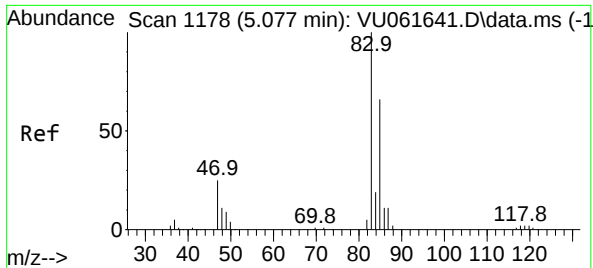
128 100

49 140.7 99.1 184.1

130 127.0 88.6 164.6

51 44.3 35.8 53.6

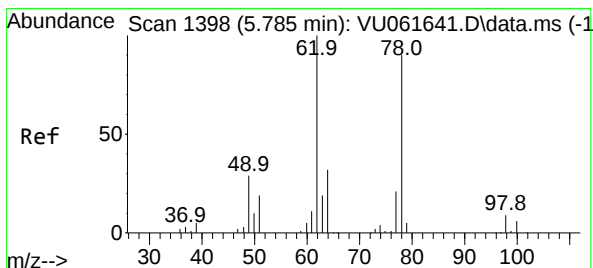
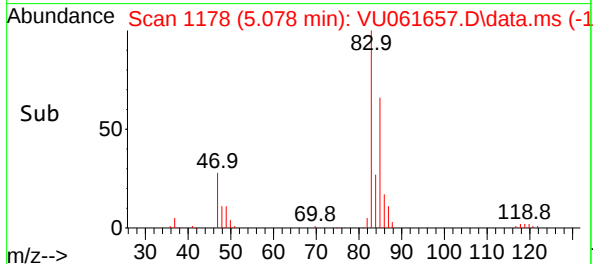
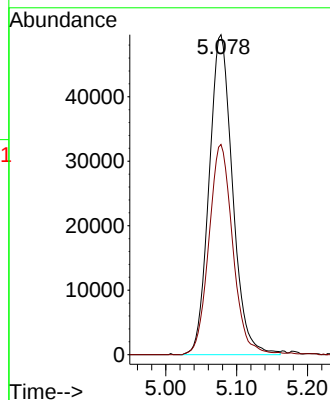
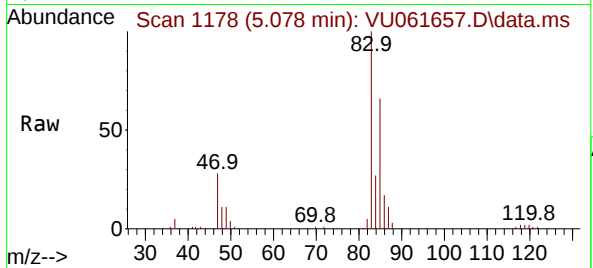




#25
Chloroform
Concen: 5.241 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

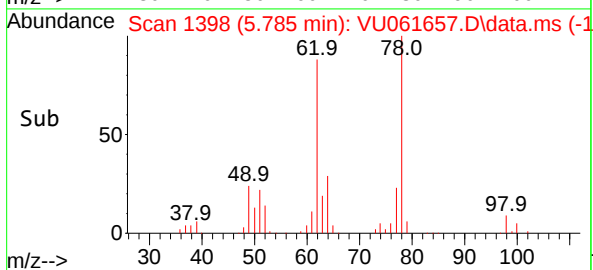
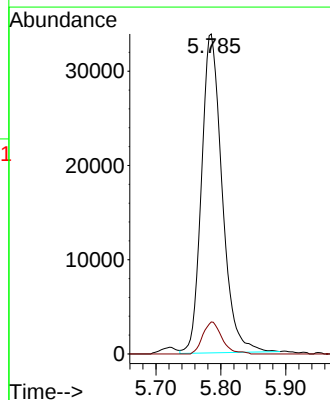
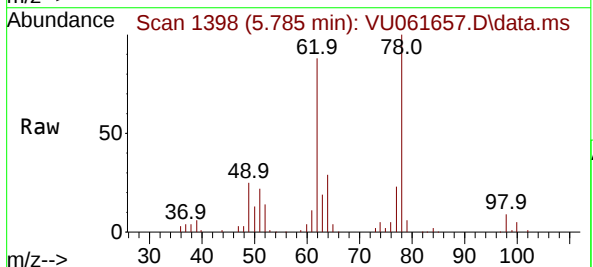
Instrument :
MSVOA_U
ClientSampleId :

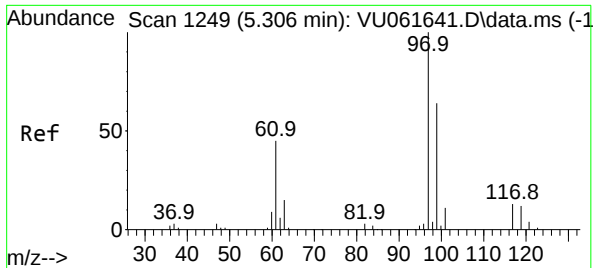
Tgt Ion: 83 Resp: 114180
Ion Ratio Lower Upper
83 100
85 65.7 44.1 81.9



#27
1,2-Dichloroethane
Concen: 5.475 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 62 Resp: 74857
Ion Ratio Lower Upper
62 100
98 10.0 7.7 11.5

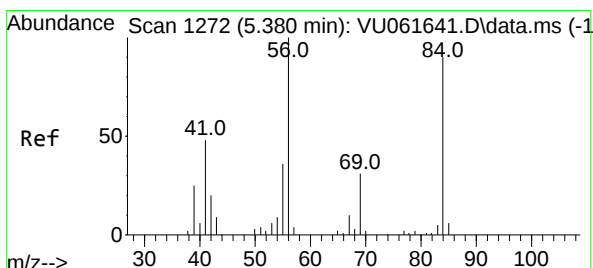
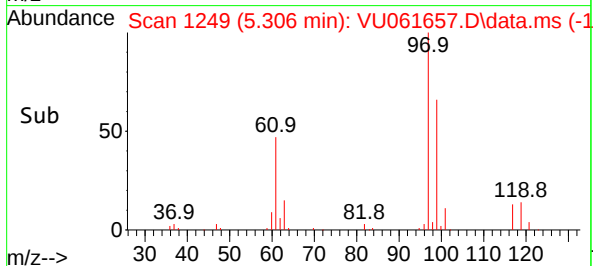
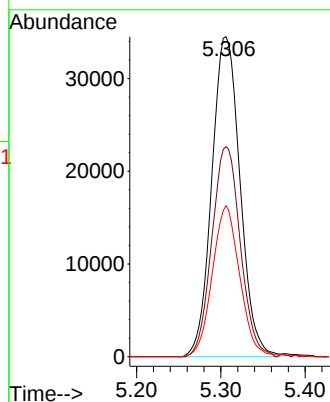
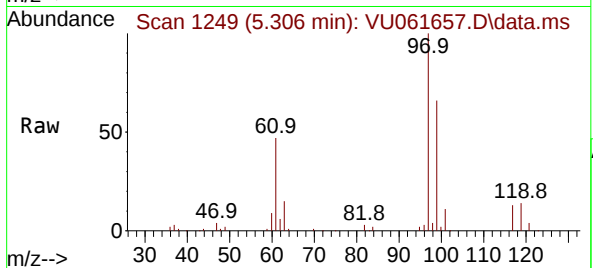




#29
1,1,1-Trichloroethane
Concen: 4.505 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

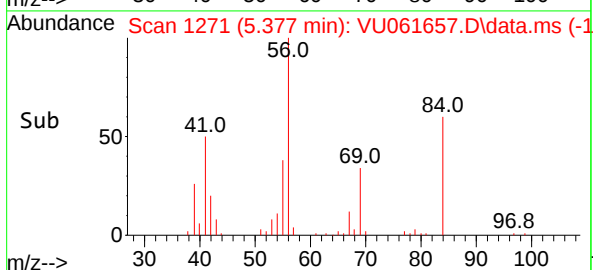
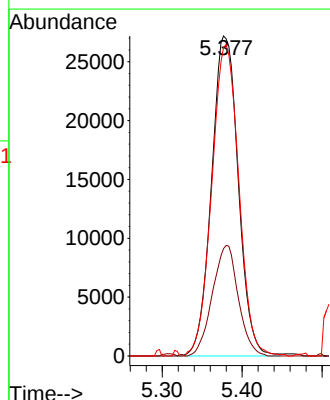
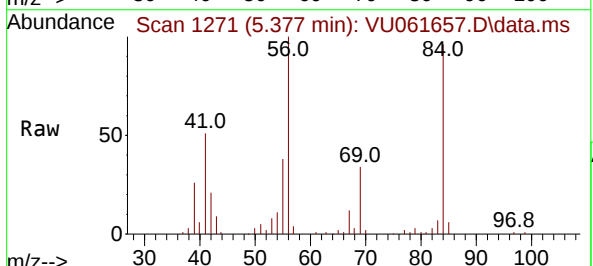
Instrument :
MSVOA_U
ClientSampleId :

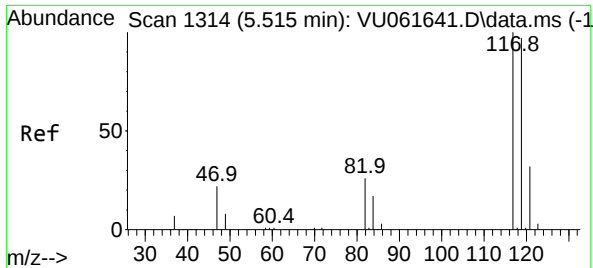
Tgt Ion:	97	Resp:	80408
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.7	77.5
61	45.8	35.4	53.0



#30
Cyclohexane
Concen: 3.535 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion:	56	Resp:	63030
Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.6	38.4
84	98.3	74.3	111.5

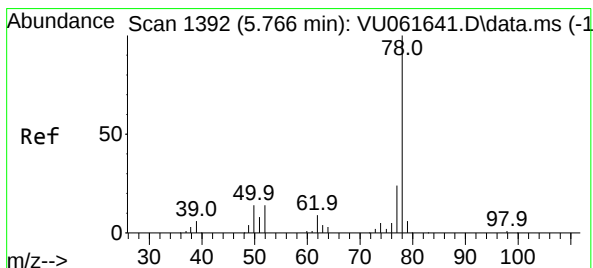
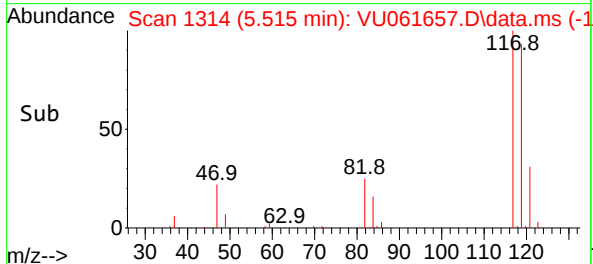
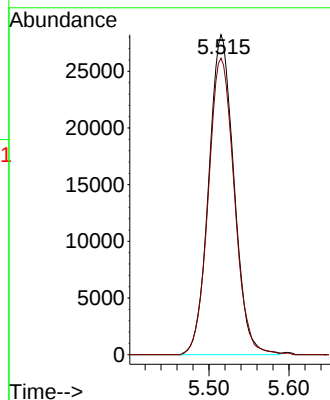
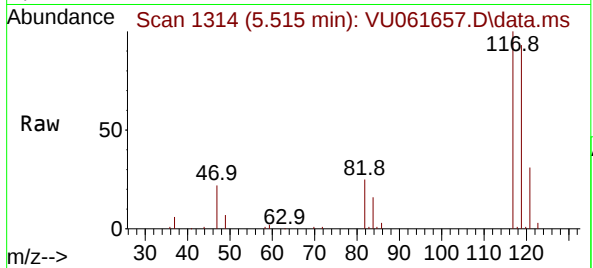




#31
Carbon tetrachloride
Concen: 4.073 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

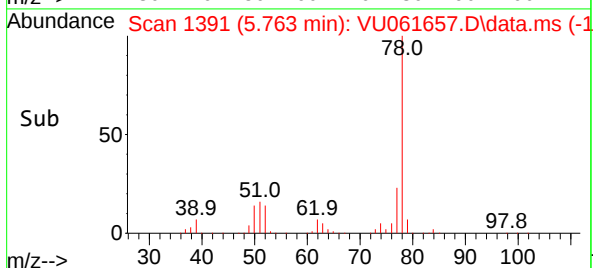
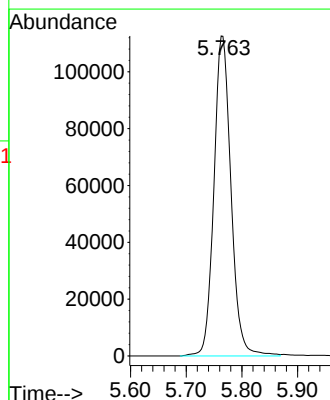
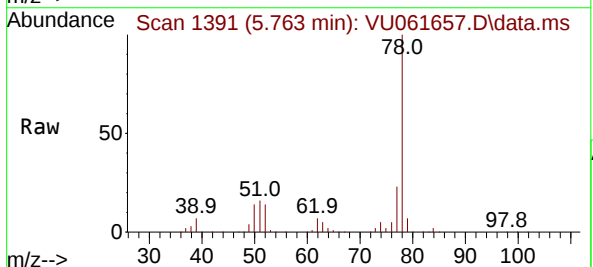
Instrument :
MSVOA_U
ClientSampleId :

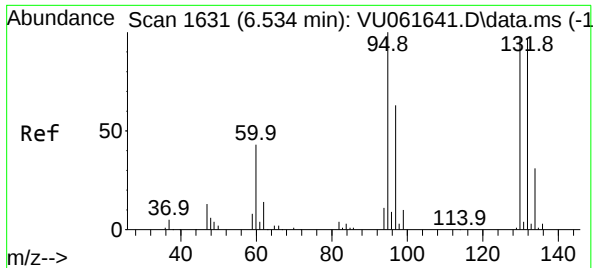
Tgt Ion:117 Resp: 61914
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8



#33
Benzene
Concen: 5.058 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 78 Resp: 240116

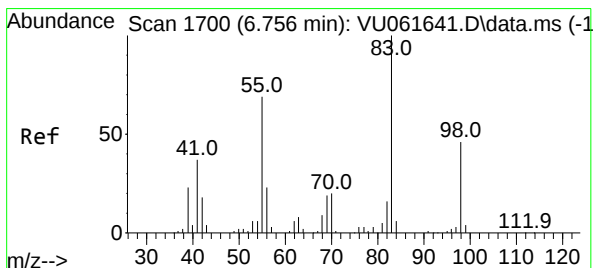
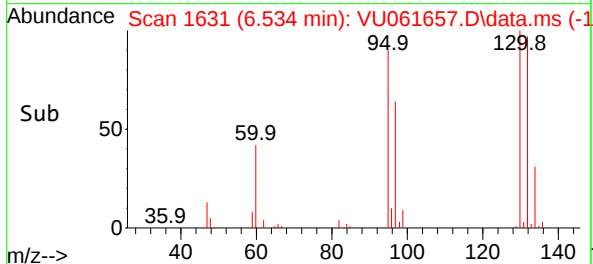
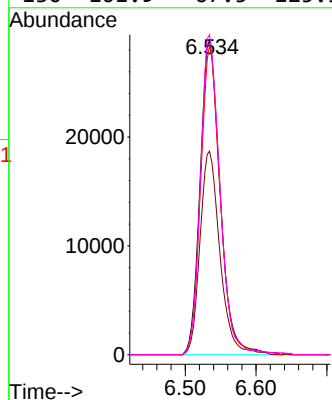
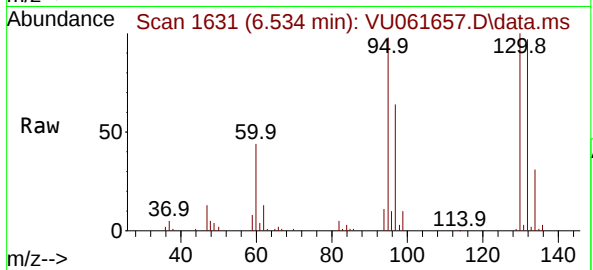




#34
 Trichloroethene
 Concen: 4.436 ug/L
 RT: 6.534 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

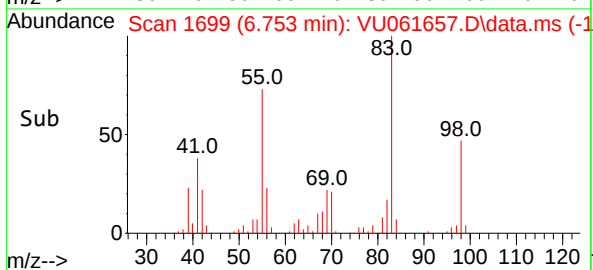
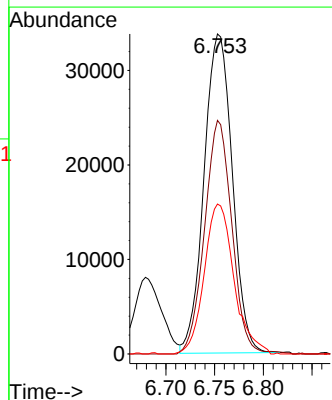
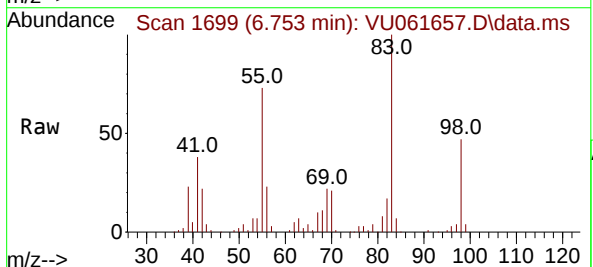
Instrument :
 MSVOA_U
 ClientSampleId :

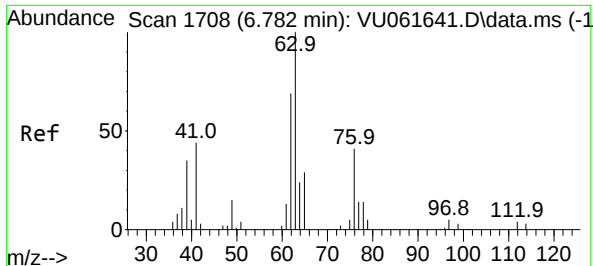
Tgt Ion: 95 Resp: 56865
 Ion Ratio Lower Upper
 95 100
 97 64.8 43.5 80.9
 132 98.4 65.2 121.0
 130 101.9 67.5 125.3



#35
 Methylcyclohexane
 Concen: 3.521 ug/L
 RT: 6.753 min Scan# 1699
 Delta R.T. -0.003 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

Tgt Ion: 83 Resp: 68074
 Ion Ratio Lower Upper
 83 100
 55 70.8 56.4 84.6
 98 49.4 37.7 56.5

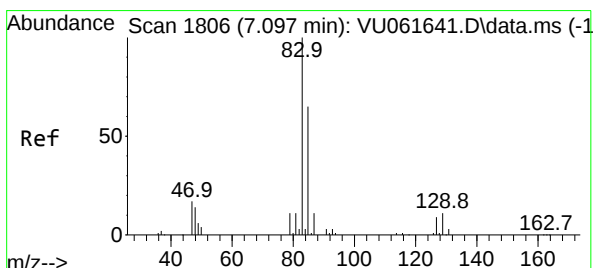
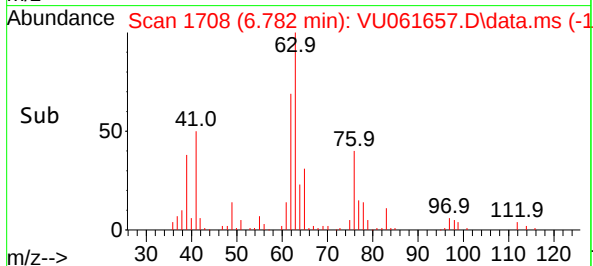
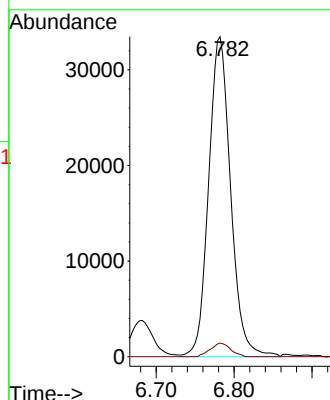
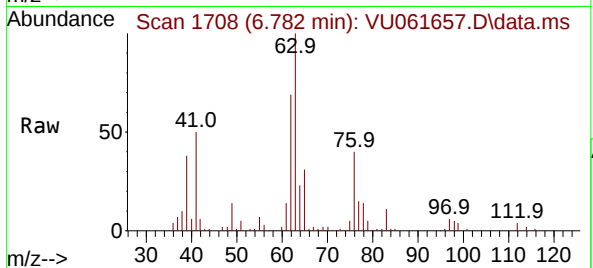




#37
1,2-Dichloropropane
Concen: 5.442 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

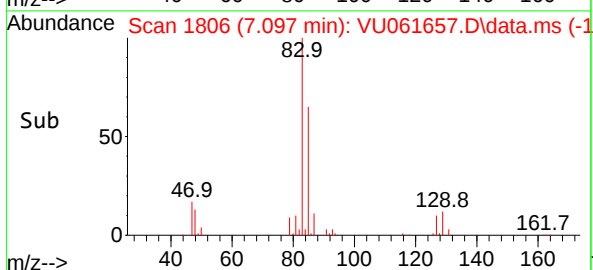
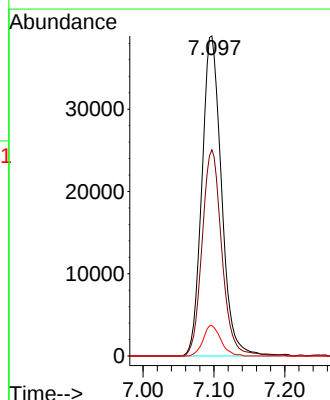
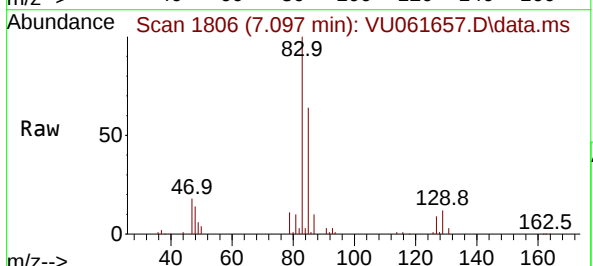
Instrument :
MSVOA_U
ClientSampleId :

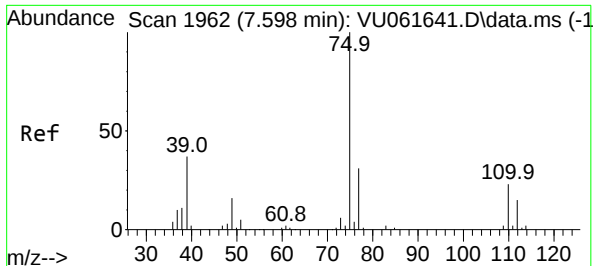
Tgt Ion: 63 Resp: 65540
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 5.159 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 83 Resp: 74551
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
127 9.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.978 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

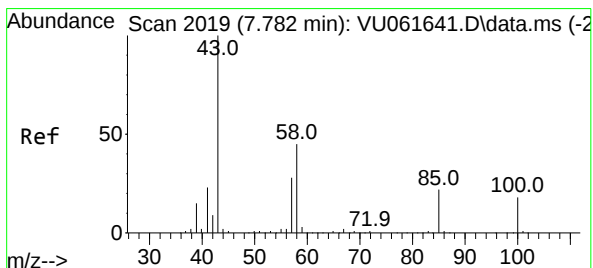
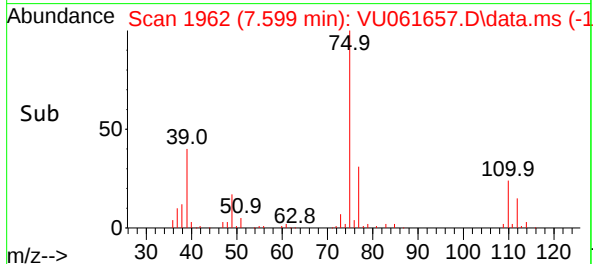
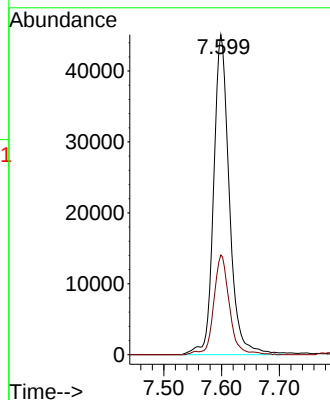
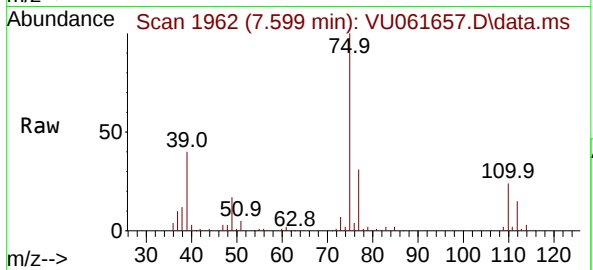
ClientSampleId :

Tgt Ion: 75 Resp: 85320

Ion Ratio Lower Upper

75 100

77 31.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 62.560 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

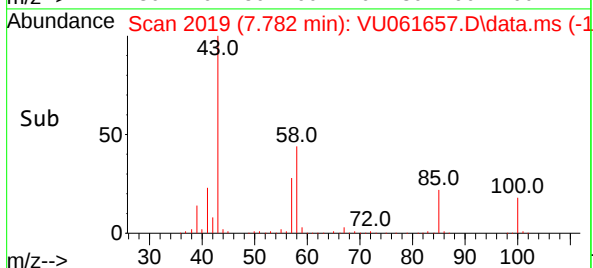
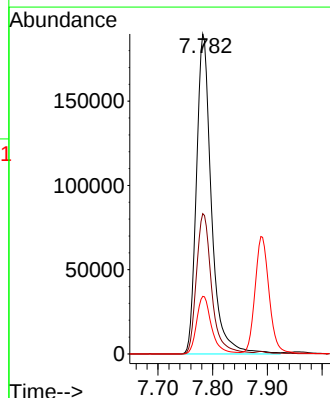
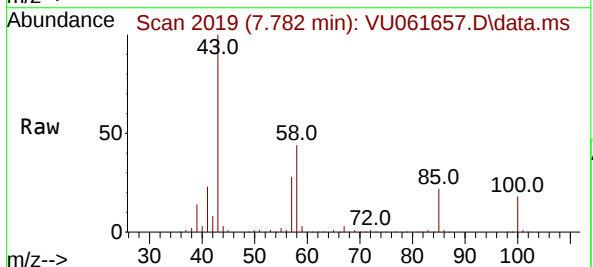
Tgt Ion: 43 Resp: 361265

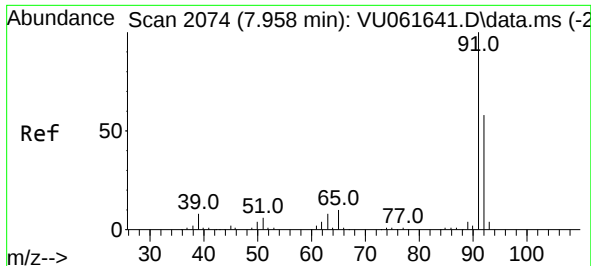
Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5

100 17.9 14.2 21.2





#42

Toluene

Concen: 4.603 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

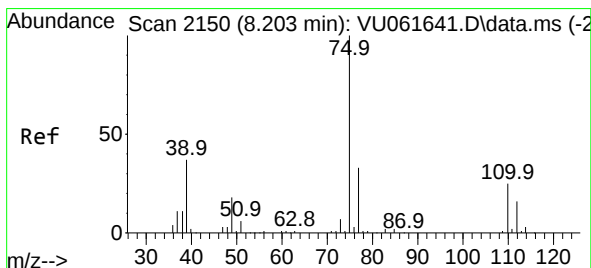
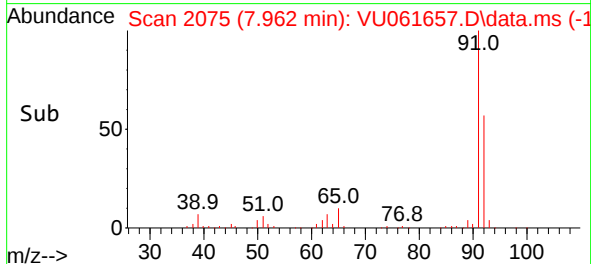
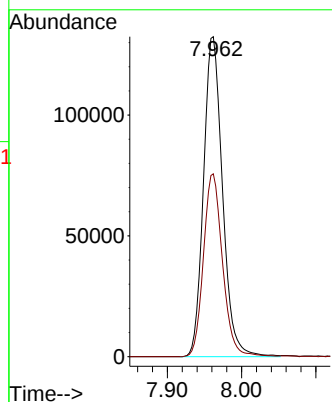
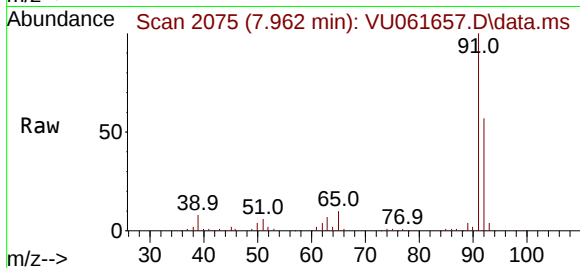
ClientSampleId :

Tgt Ion: 91 Resp: 235278

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.010 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061657.D

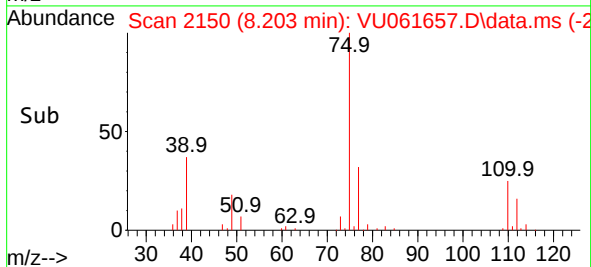
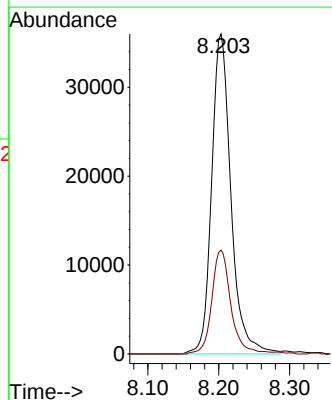
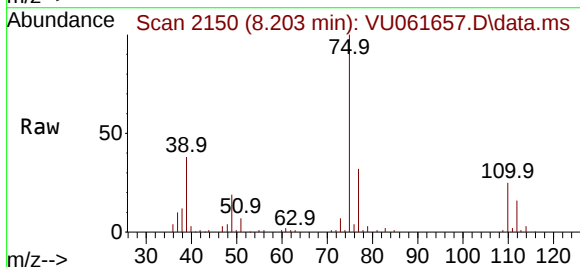
Acq: 14 Nov 2024 05:29

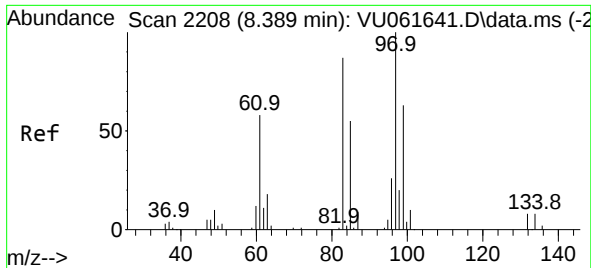
Tgt Ion: 75 Resp: 68119

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3

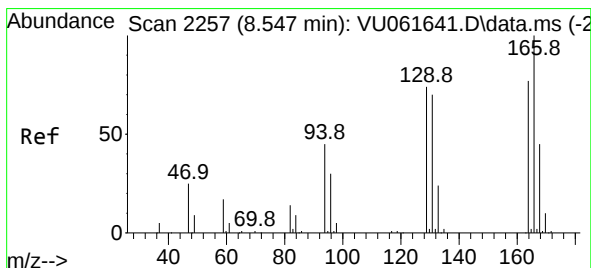
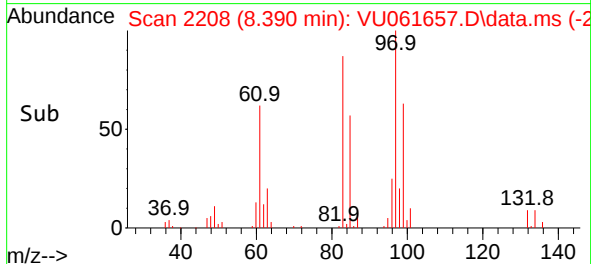
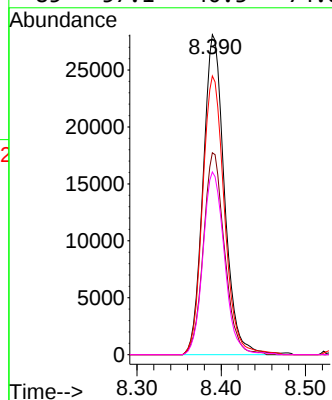
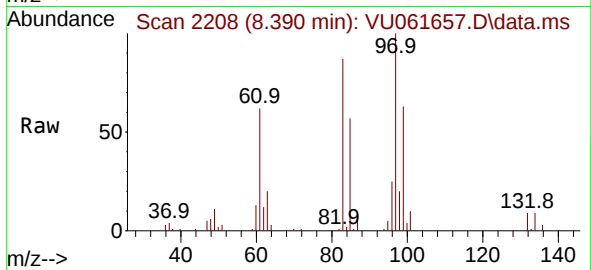




#45
1,1,2-Trichloroethane
Concen: 5.650 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

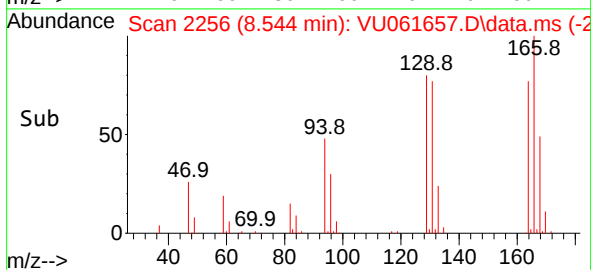
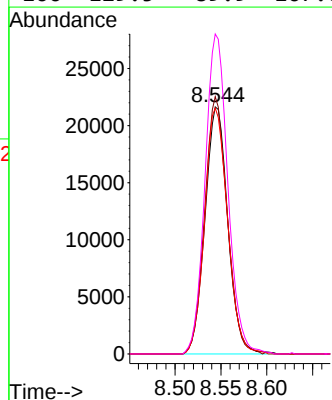
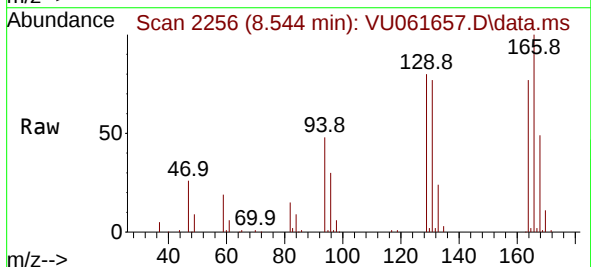
Instrument :
MSVOA_U
ClientSampleId :

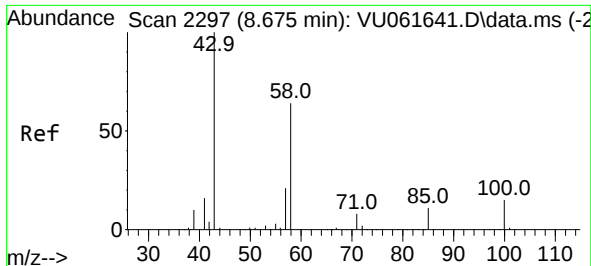
Tgt Ion:	97	Resp:	49604
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.3
83	87.1	63.2	117.4
85	57.1	40.3	74.8



#47
Tetrachloroethene
Concen: 3.892 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion:	164	Resp:	37490
Ion	Ratio	Lower	Upper
164	100		
129	104.1	71.7	133.3
131	99.5	68.2	126.6
166	129.5	89.9	167.0

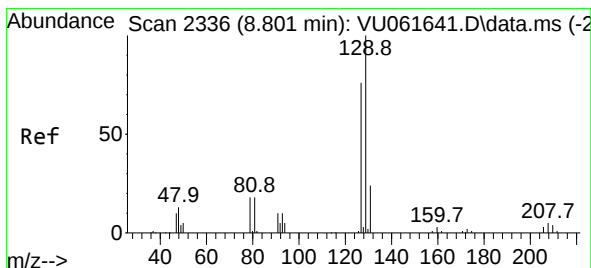
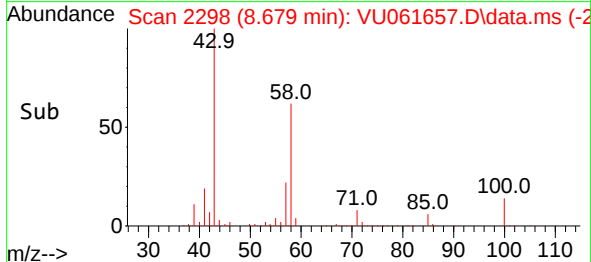
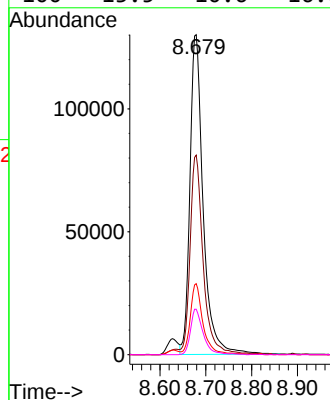
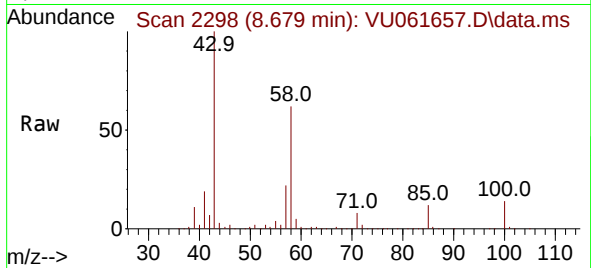




#48
2-Hexanone
Concen: 63.270 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

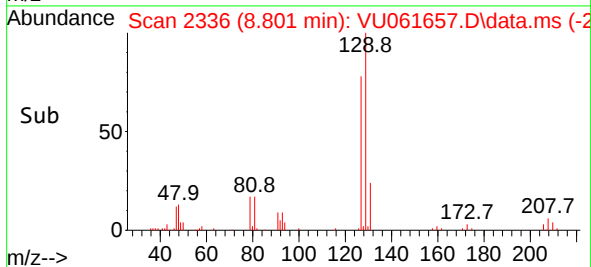
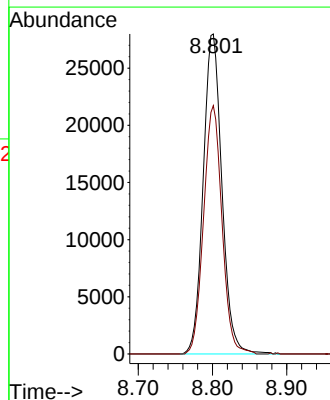
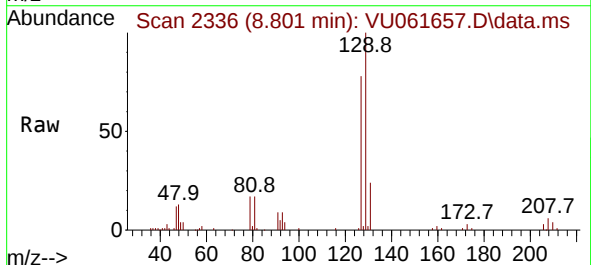
Instrument :
MSVOA_U
ClientSampleId :

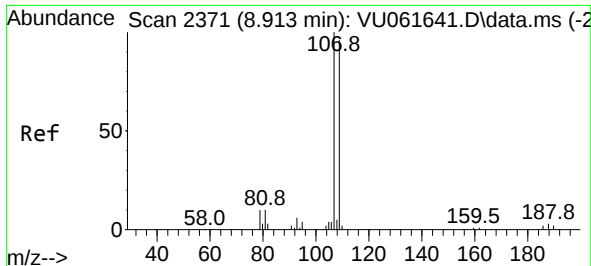
Tgt Ion: 43 Resp: 261239
Ion Ratio Lower Upper
43 100
58 60.2 49.4 74.2
57 21.2 16.3 24.5
100 13.5 10.6 16.0



#49
Dibromochloromethane
Concen: 5.311 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 129 Resp: 48894
Ion Ratio Lower Upper
129 100
127 77.6 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.672 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061657.D

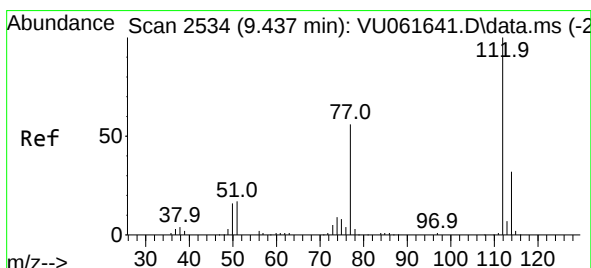
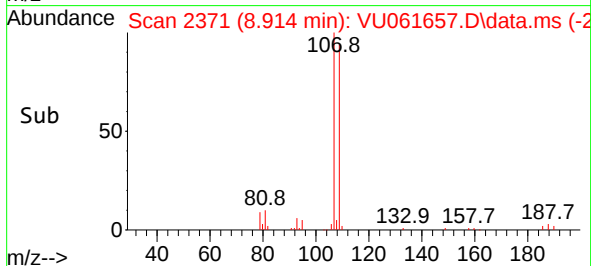
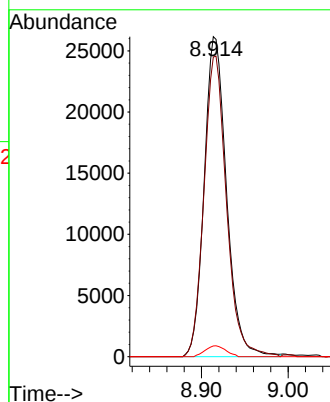
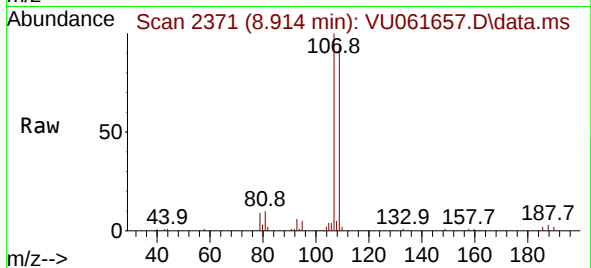
Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	46972
Ion	Ratio	Lower	Upper
107	100		
109	93.7	64.8	120.4
188	3.3	2.5	3.7



#51

Chlorobenzene

Concen: 4.565 ug/L

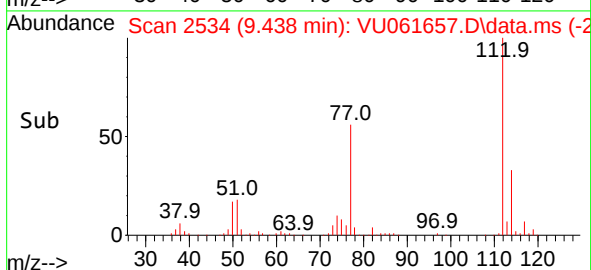
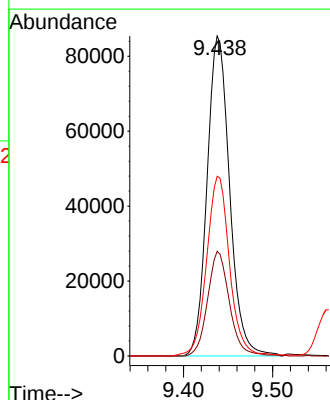
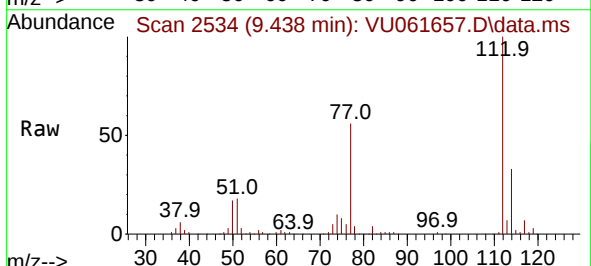
RT: 9.438 min Scan# 2534

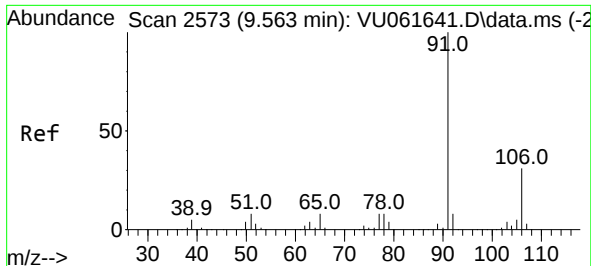
Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Tgt Ion:	112	Resp:	150201
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.5	41.9
77	56.2	45.3	67.9

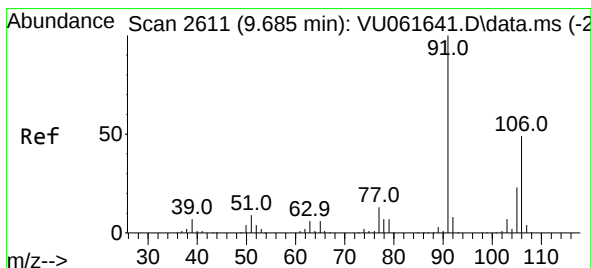
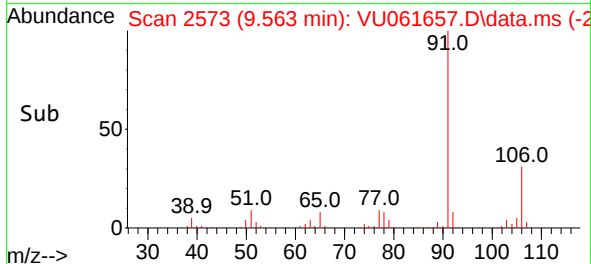
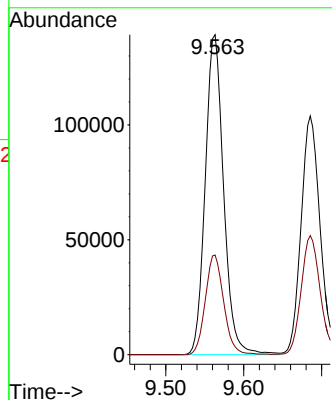
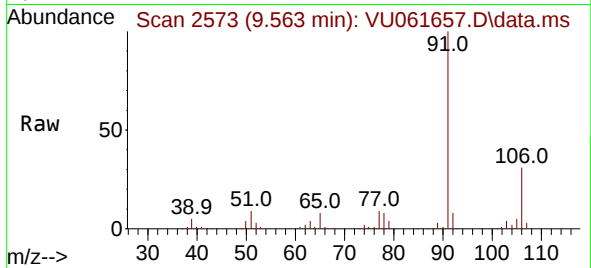




#52
Ethylbenzene
Concen: 4.205 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

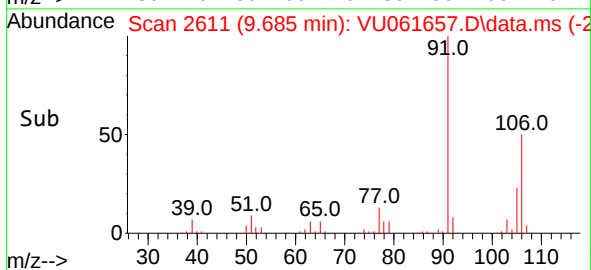
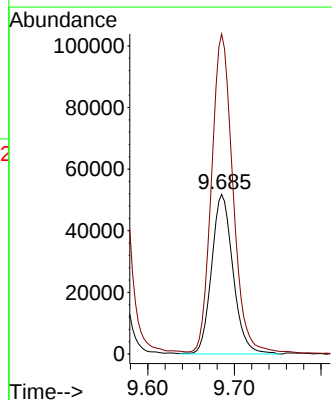
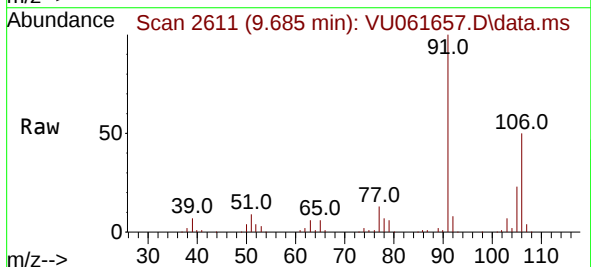
Instrument :
MSVOA_U
ClientSampleId :

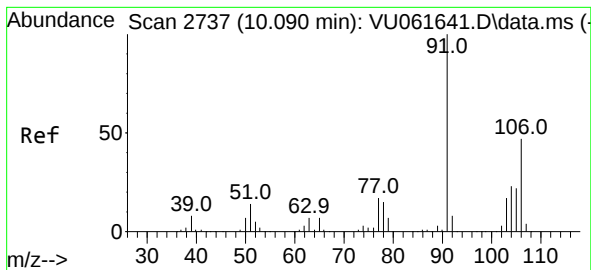
Tgt Ion: 91 Resp: 228950
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 4.268 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion:106 Resp: 88919
Ion Ratio Lower Upper
106 100
91 200.6 140.4 260.8





#54

o-Xylene

Concen: 4.408 ug/L

RT: 10.090 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

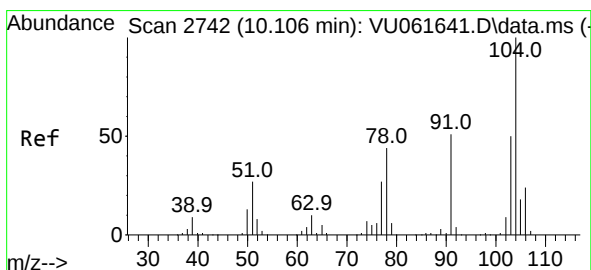
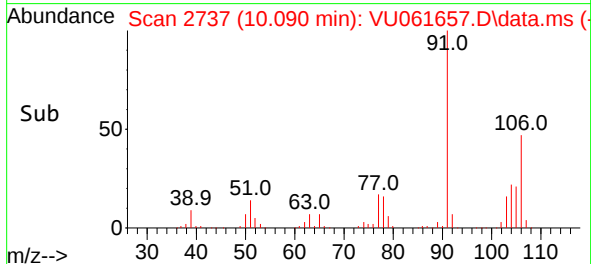
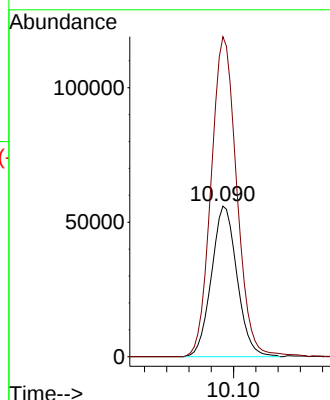
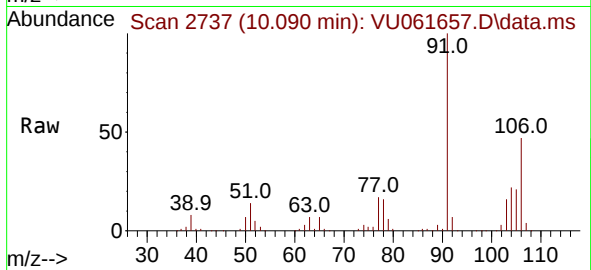
ClientSampleId :

Tgt Ion:106 Resp: 89261

Ion Ratio Lower Upper

106 100

91 212.6 151.3 280.9



#55

Styrene

Concen: 4.518 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061657.D

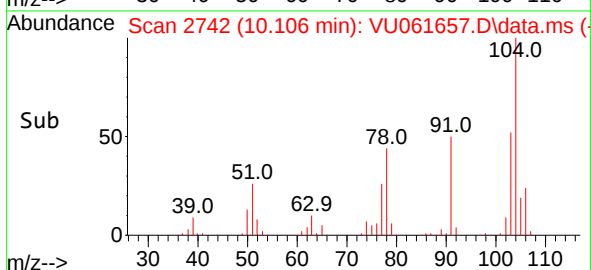
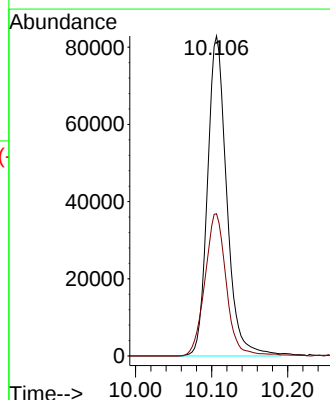
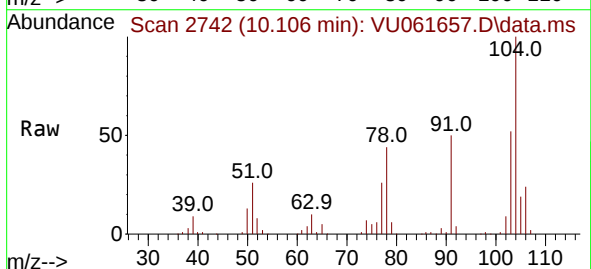
Acq: 14 Nov 2024 05:29

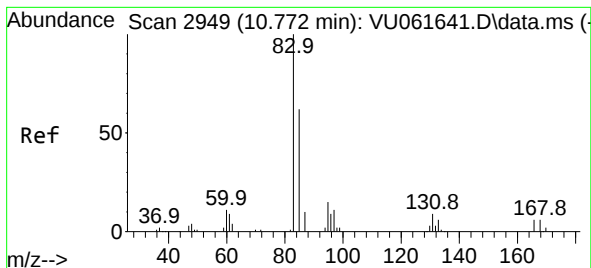
Tgt Ion:104 Resp: 145667

Ion Ratio Lower Upper

104 100

78 44.5 31.6 58.6

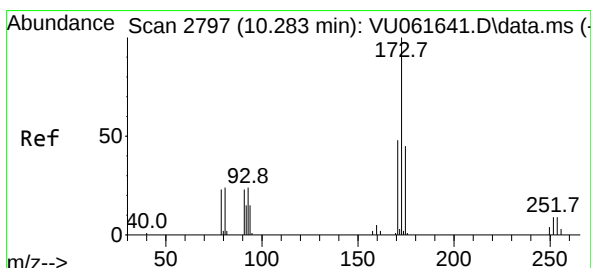
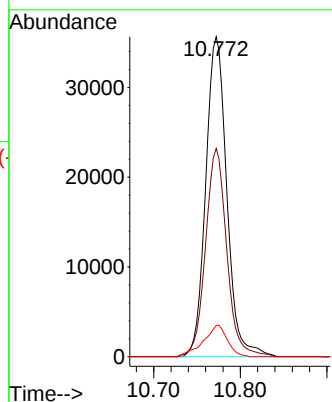
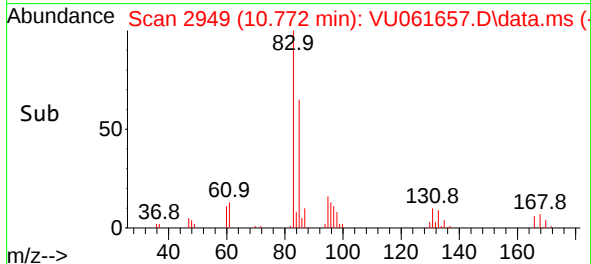
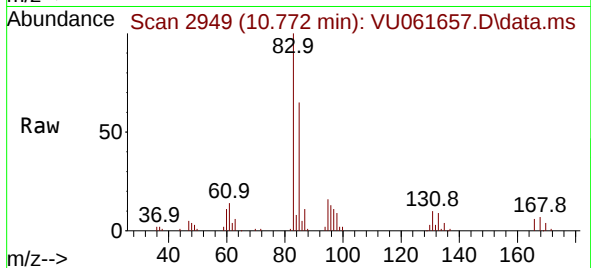




#57
1,1,2,2-Tetrachloroethane
Concen: 5.639 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

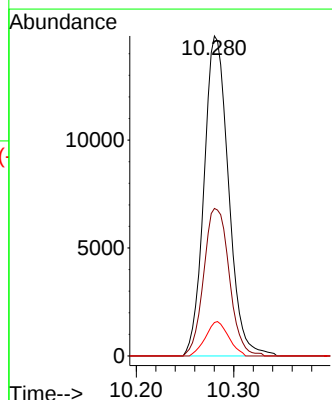
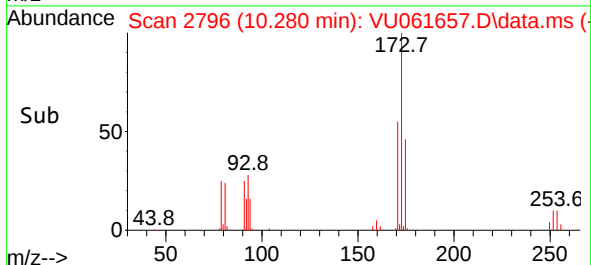
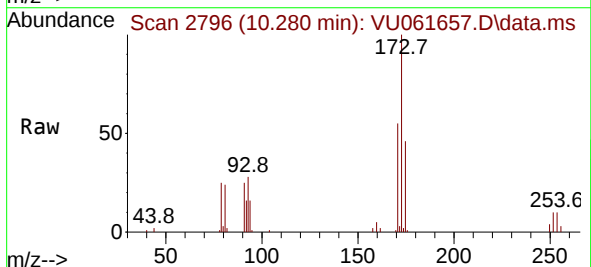
Instrument :
MSVOA_U
ClientSampleId :

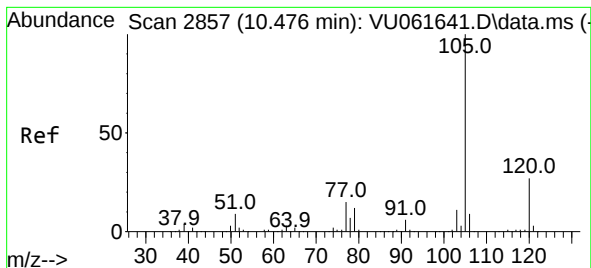
Tgt Ion: 83 Resp: 60246
Ion Ratio Lower Upper
83 100
85 65.1 41.9 77.9
131 9.7 7.8 11.6



#59
Bromoform
Concen: 5.279 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion:173 Resp: 25884
Ion Ratio Lower Upper
173 100
175 48.1 39.3 58.9
254 10.1 7.8 11.8





#60

Isopropylbenzene

Concen: 4.216 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

ClientSampleId :

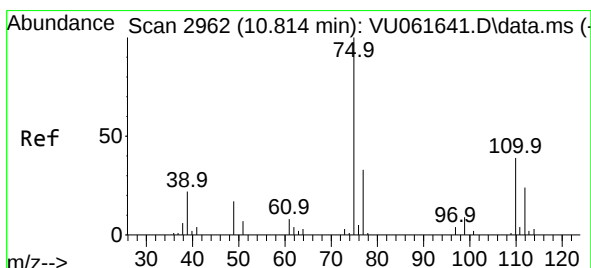
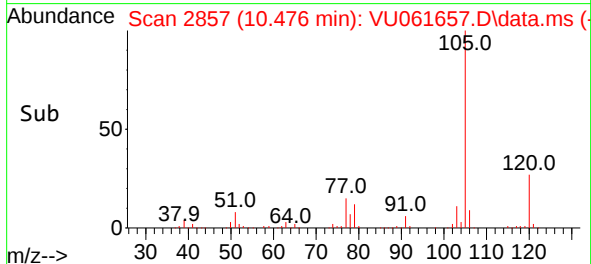
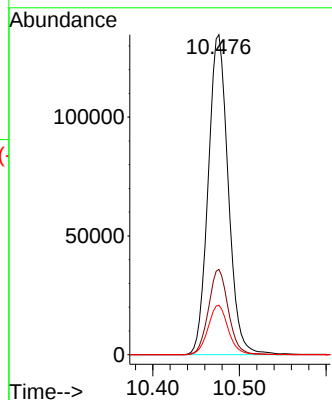
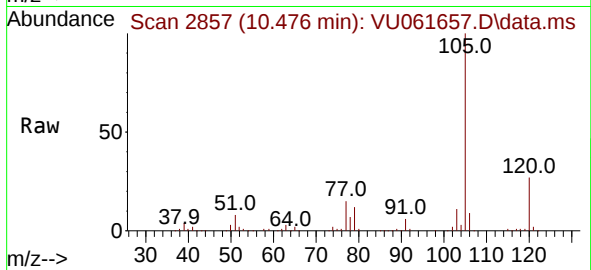
Tgt Ion:105 Resp: 216579

Ion Ratio Lower Upper

105 100

120 26.5 21.6 32.4

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.988 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

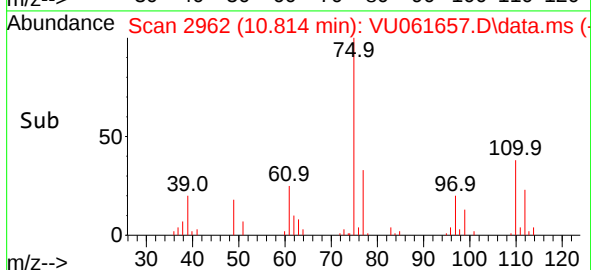
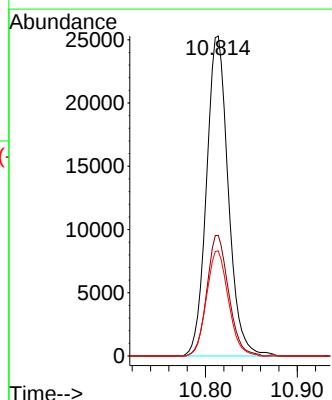
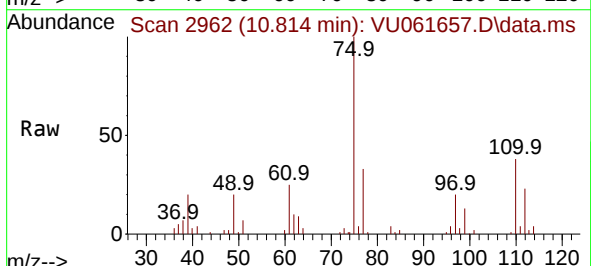
Tgt Ion: 75 Resp: 41784

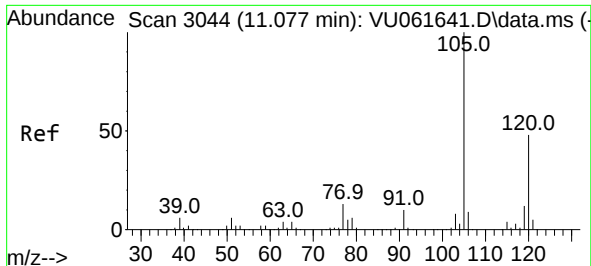
Ion Ratio Lower Upper

75 100

110 37.7 31.3 46.9

77 33.0 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.187 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

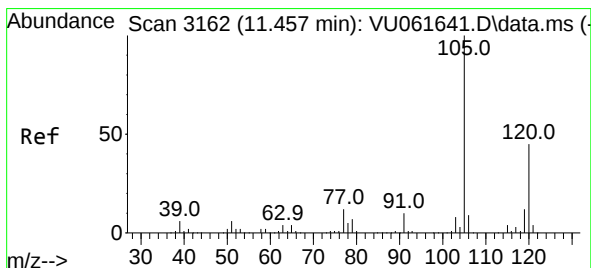
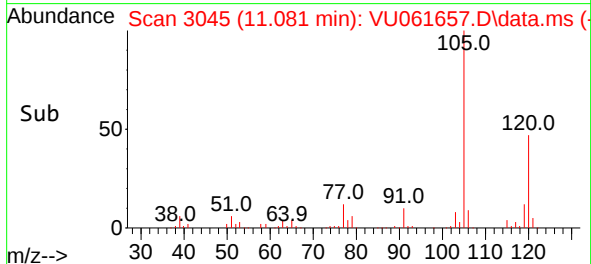
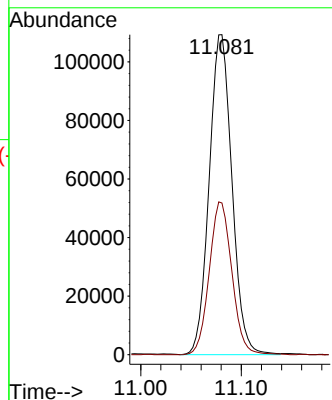
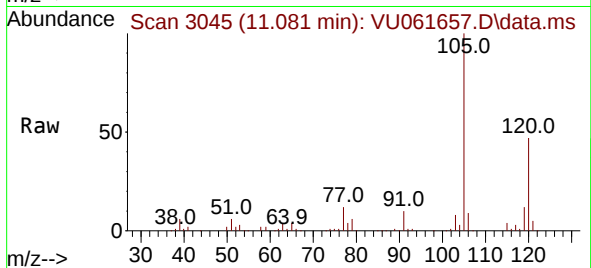
ClientSampleId :

Tgt Ion:105 Resp: 172202

Ion Ratio Lower Upper

105 100

120 47.3 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.244 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061657.D

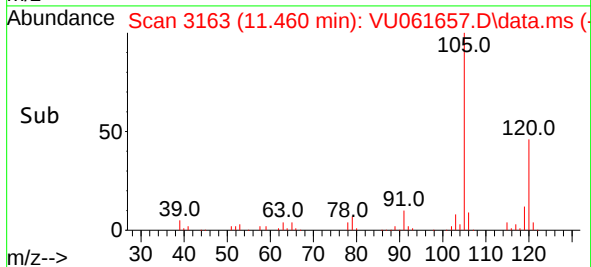
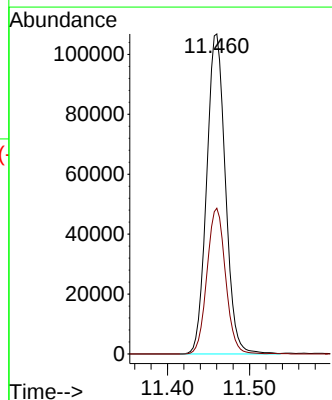
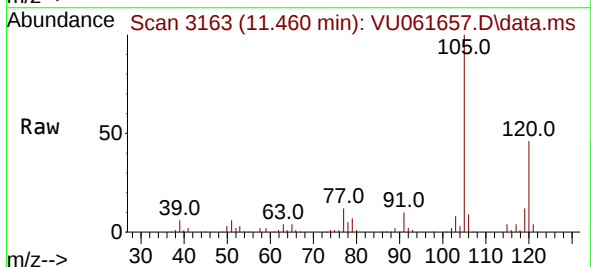
Acq: 14 Nov 2024 05:29

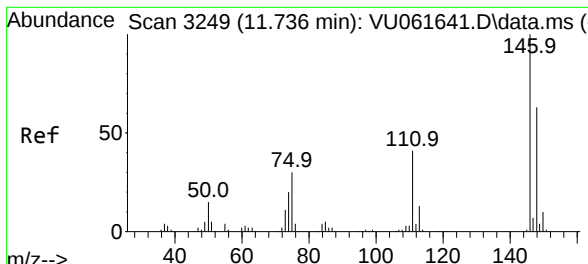
Tgt Ion:105 Resp: 169892

Ion Ratio Lower Upper

105 100

120 45.1 36.3 54.5

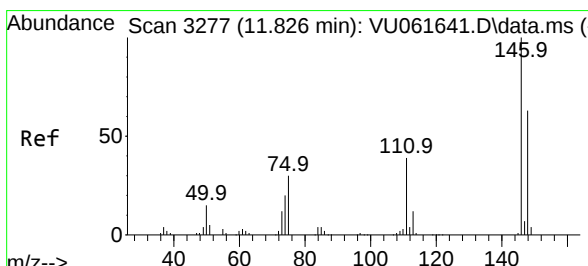
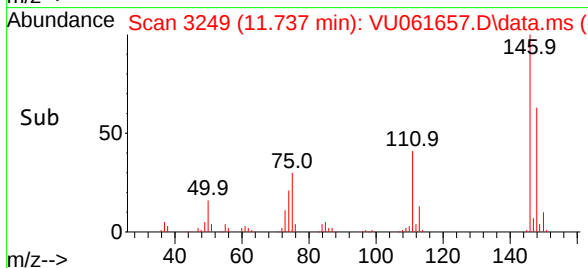
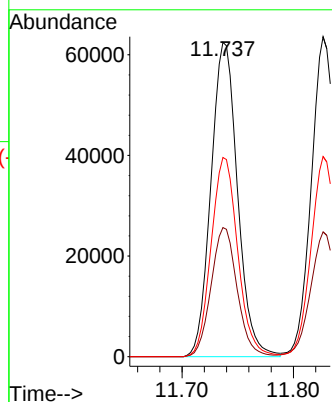
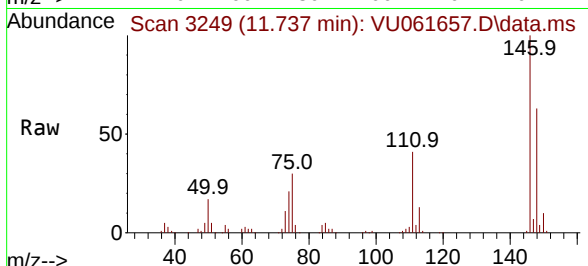




#64
 1,3-Dichlorobenzene
 Concen: 4.397 ug/L
 RT: 11.737 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

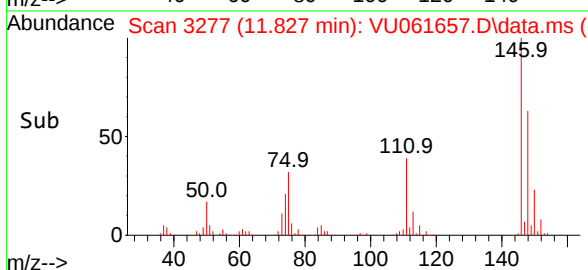
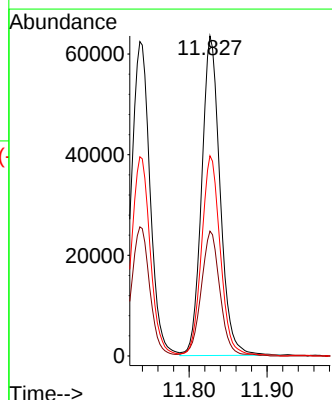
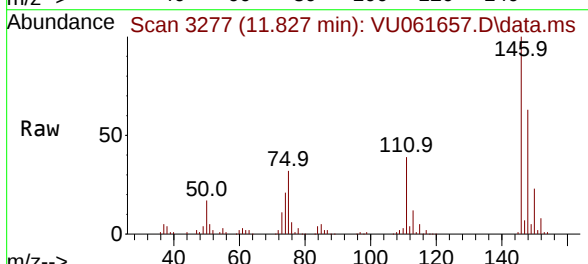
Instrument :
 MSVOA_U
 ClientSampleId :

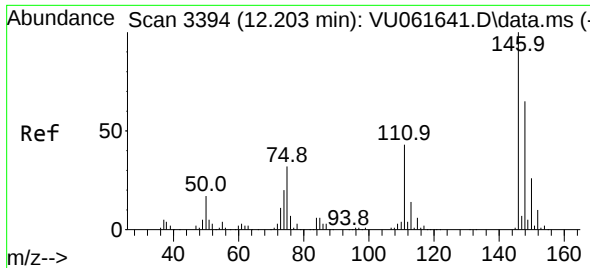
Tgt Ion:146 Resp: 103590
 Ion Ratio Lower Upper
 146 100
 111 41.0 29.3 54.3
 148 63.3 44.5 82.7



#65
 1,4-Dichlorobenzene
 Concen: 4.358 ug/L
 RT: 11.827 min Scan# 3277
 Delta R.T. 0.000 min
 Lab File: VU061657.D
 Acq: 14 Nov 2024 05:29

Tgt Ion:146 Resp: 104249
 Ion Ratio Lower Upper
 146 100
 111 39.0 28.8 53.4
 148 62.6 44.7 83.1

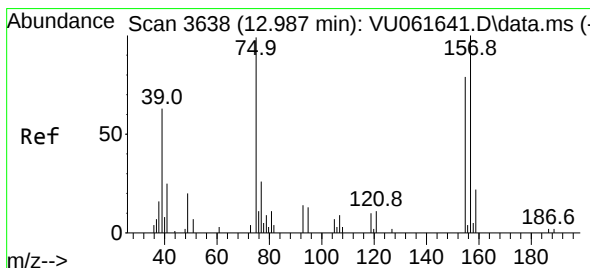
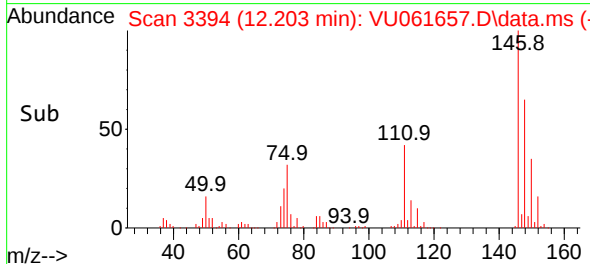
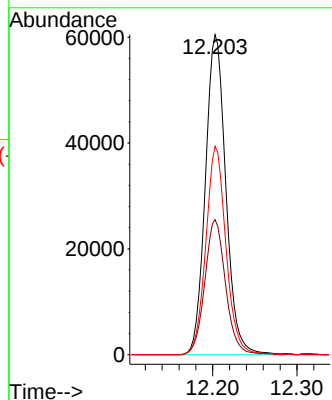
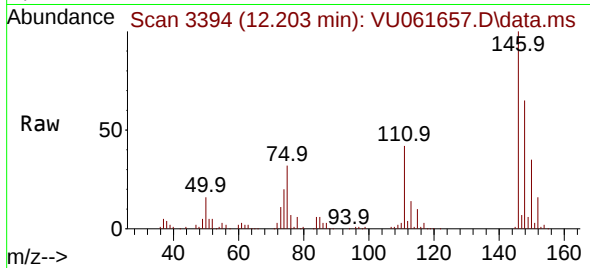




#67
1,2-Dichlorobenzene
Concen: 4.665 ug/L
RT: 12.203 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

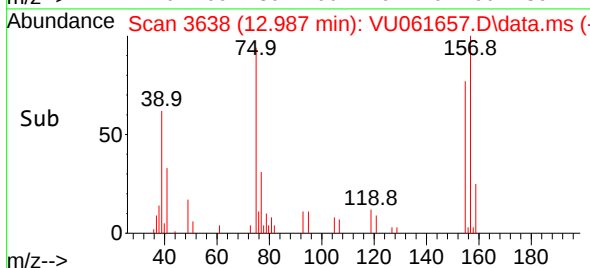
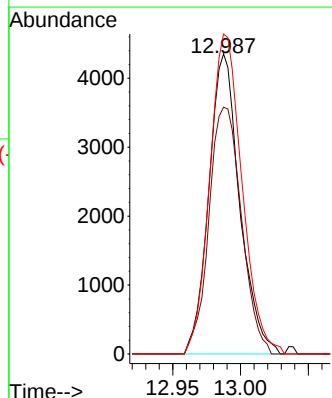
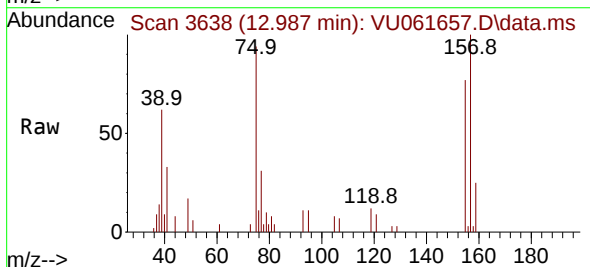
Instrument :
MSVOA_U
ClientSampleId :

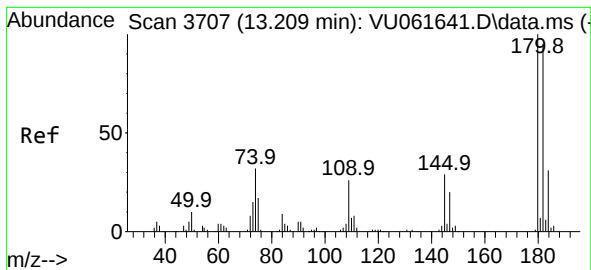
Tgt Ion:146 Resp: 102216
Ion Ratio Lower Upper
146 100
111 42.2 35.2 52.8
148 65.1 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.647 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

Tgt Ion: 75 Resp: 6881
Ion Ratio Lower Upper
75 100
155 82.2 62.6 93.8
157 106.6 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.195 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 69001

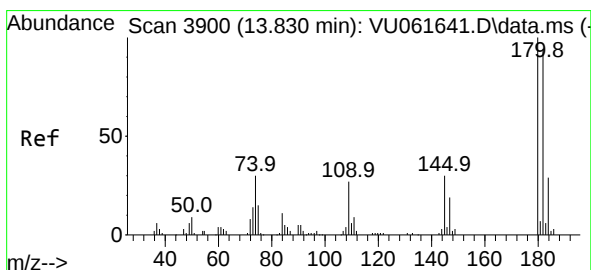
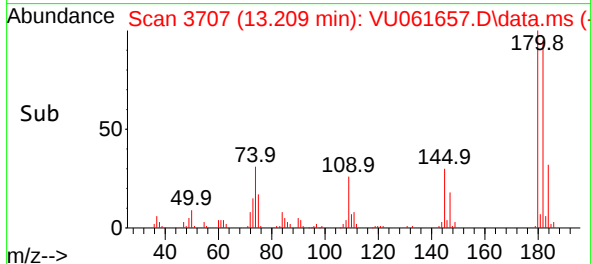
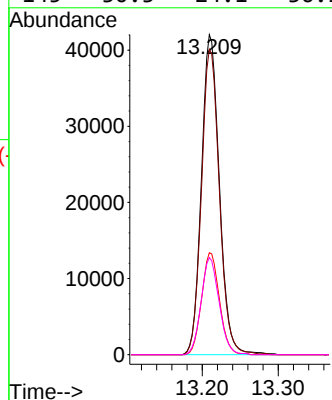
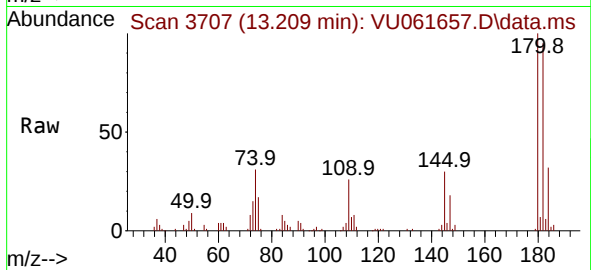
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

184 31.6 24.7 37.1

145 30.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.350 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU061657.D

Acq: 14 Nov 2024 05:29

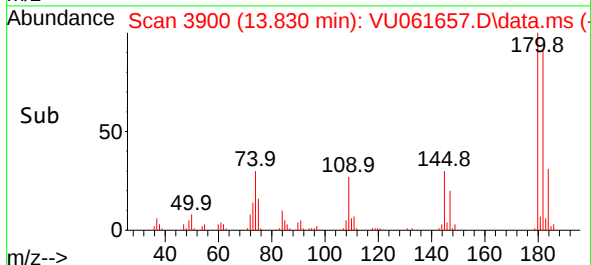
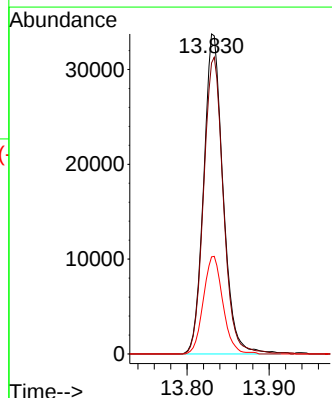
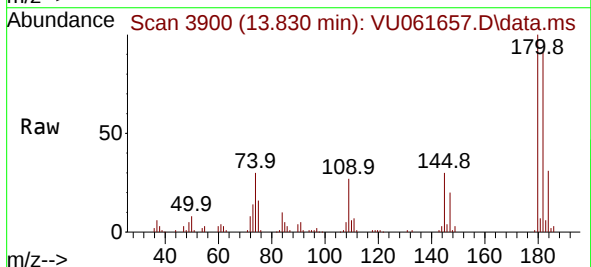
Tgt Ion:180 Resp: 55457

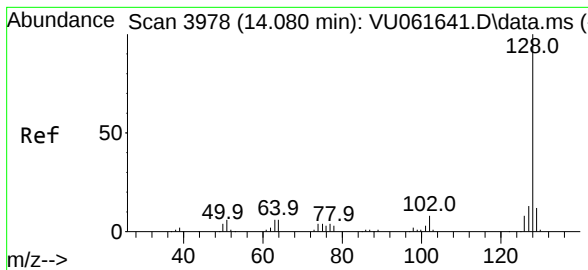
Ion Ratio Lower Upper

180 100

182 94.0 77.4 116.0

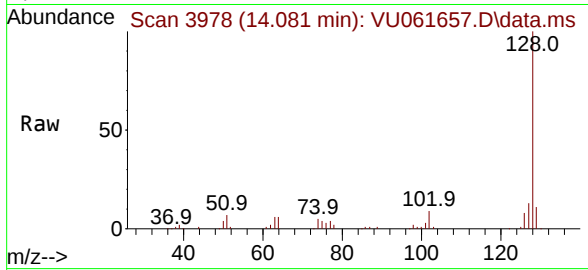
145 30.7 24.5 36.7



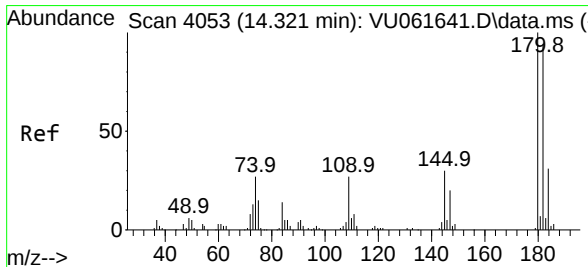
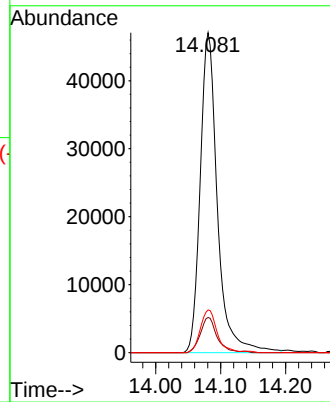
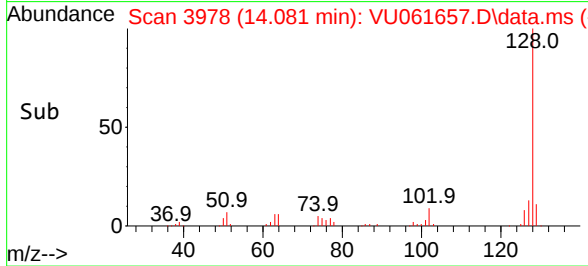


#71
Naphthalene
Concen: 4.740 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29

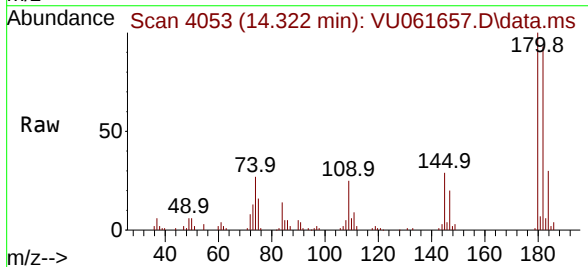
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 86754
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.472 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061657.D
Acq: 14 Nov 2024 05:29



Tgt Ion:180 Resp: 47860
Ion Ratio Lower Upper
180 100
182 94.1 76.6 114.8
145 30.0 26.3 39.5

