

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057567.D
 Acq On : 23 Jan 2024 13:04
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19600	3.045	ug/L	0.00
7) Chloroethane-d5	1.914	69	15978	3.178	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	9250	3.338	ug/L	0.00
20) 2-Butanone-d5	4.640	46	39083	31.835	ug/L	0.00
24) Chloroform-d	5.055	84	40111	3.517	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	18581	3.406	ug/L	0.00
32) Benzene-d6	5.724	84	77758	3.685	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	23402	3.558	ug/L	0.00
41) Toluene-d8	7.894	98	72886	4.063	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9349	4.023	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	30248	36.634	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15840	3.443	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	22542	3.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	29775	6.157	ug/L	100
3) Chloromethane	1.518	50	29160	4.832	ug/L	100
5) Vinyl chloride	1.605	62	31523	5.772	ug/L	100
6) Bromomethane	1.859	94	15838	5.124	ug/L	100
8) Chloroethane	1.936	64	18316	5.432	ug/L	100
9) Trichlorofluoromethane	2.139	101	46987	6.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	27402	5.799	ug/L	100
12) 1,1-Dichloroethene	2.579	96	25431	5.938	ug/L	100
13) Acetone	2.663	43	34130	42.940	ug/L	100
14) Carbon disulfide	2.792	76	81459	6.575	ug/L	100
15) Methyl Acetate	2.959	43	8316	4.623	ug/L	100
16) Methylene chloride	3.042	84	27622	4.955	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	61780	5.876	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	26778	6.251	ug/L	100
19) 1,1-Dichloroethane	3.862	63	49725	5.379	ug/L	100
21) 2-Butanone	4.717	43	52897	47.270	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	29211	5.943	ug/L	100
23) Bromochloromethane	4.968	128	12168	5.796	ug/L	100
25) Chloroform	5.081	83	52908	5.484	ug/L	100
27) 1,2-Dichloroethane	5.788	62	31269	5.394	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	46852	5.880	ug/L	100
30) Cyclohexane	5.383	56	45299	6.708	ug/L	100
31) Carbon tetrachloride	5.518	117	42476	6.305	ug/L	100
33) Benzene	5.769	78	111983	5.917	ug/L	100
34) Trichloroethene	6.537	95	30020	5.984	ug/L	100
35) Methylcyclohexane	6.756	83	48759	6.934	ug/L	100
37) 1,2-Dichloropropane	6.785	63	28145	5.342	ug/L	100
38) Bromodichloromethane	7.100	83	37730	5.836	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	43824	6.070	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	134594	52.735	ug/L	100
42) Toluene	7.965	91	122463	6.470	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	36004	6.158	ug/L	100

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 ALS Vial : 5 Sample Multiplier: 1

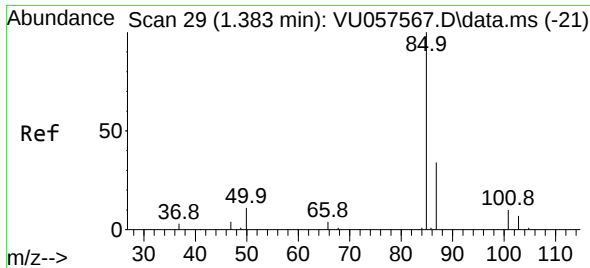
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.396	97	18473	5.473	ug/L	100
47) Tetrachloroethene	8.547	164	22710	6.603	ug/L	100
48) 2-Hexanone	8.682	43	92855	50.059	ug/L	100
49) Dibromochloromethane	8.804	129	23738	6.196	ug/L	100
50) 1,2-Dibromoethane	8.917	107	17928	6.142	ug/L	100
51) Chlorobenzene	9.441	112	76018	6.080	ug/L	100
52) Ethylbenzene	9.566	91	137459	6.594	ug/L	100
53) m,p-Xylene	9.688	106	50004	6.688	ug/L	100
54) o-Xylene	10.093	106	49273	6.774	ug/L	100
55) Styrene	10.110	104	75779	6.479	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	22525	5.295	ug/L	100
59) Bromoform	10.283	173	13638	6.032	ug/L	100
60) Isopropylbenzene	10.479	105	122116	6.069	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	16074	5.198	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	110902	6.938	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	111604	6.986	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	56406	5.992	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	53240	5.715	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	50553	5.833	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	3231	5.579	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	42565	6.539	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	30612	6.836	ug/L	100
71) Naphthalene	14.084	128	41740	6.523	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	23265	6.333	ug/L	100

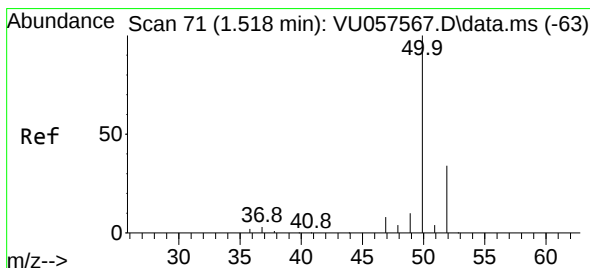
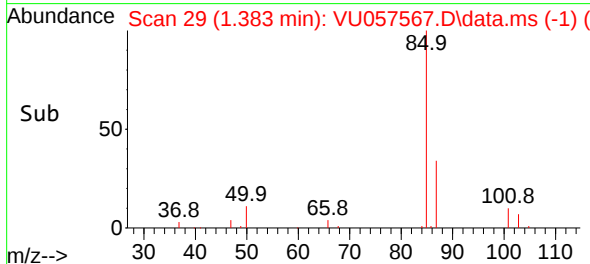
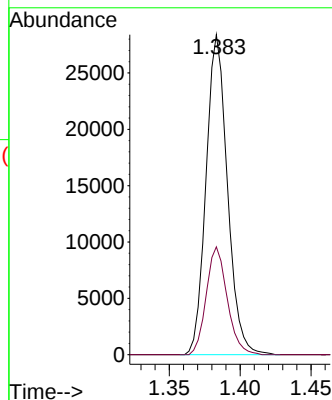
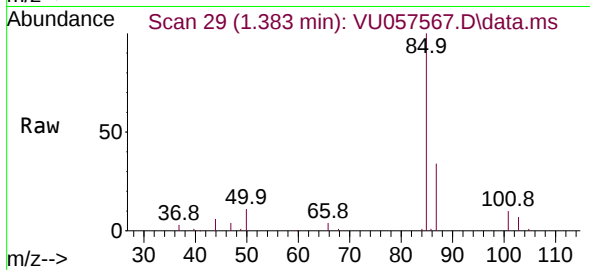
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 6.157 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

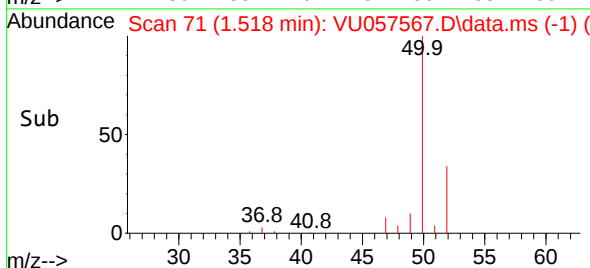
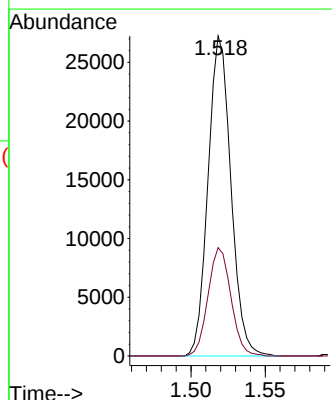
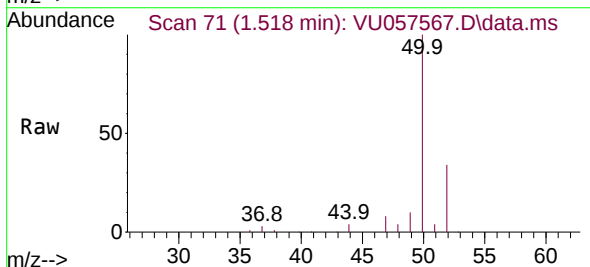
Instrument :
MSVOA_U
ClientSampleId :

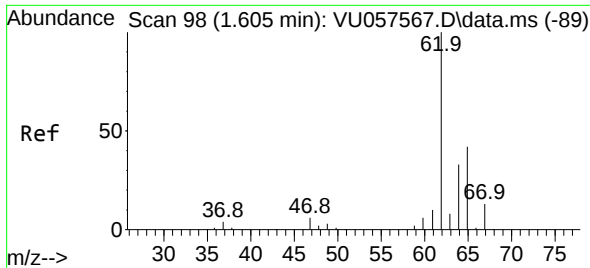
Tgt Ion: 85 Resp: 29775
Ion Ratio Lower Upper
85 100
87 33.0 26.4 39.6



#3
Chloromethane
Concen: 4.832 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

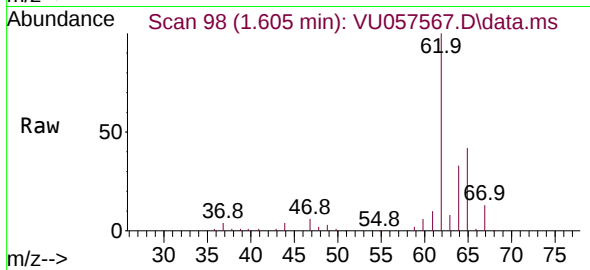
Tgt Ion: 50 Resp: 29160
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



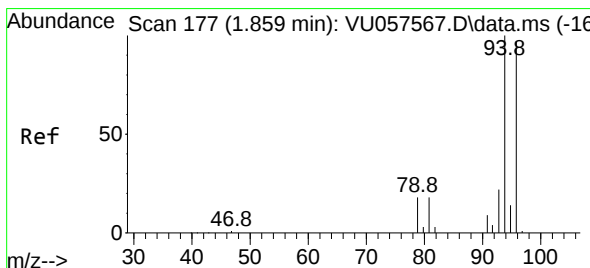
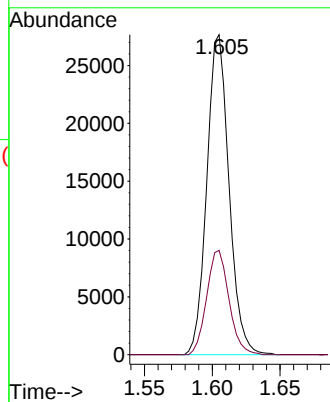
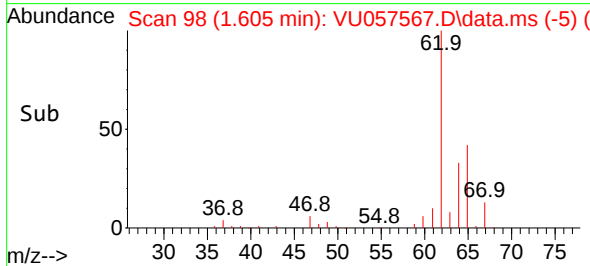


#5
 Vinyl chloride
 Concen: 5.772 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VU057567.D
 Acq: 23 Jan 2024 13:04

Instrument :
 MSVOA_U
 ClientSampleId :

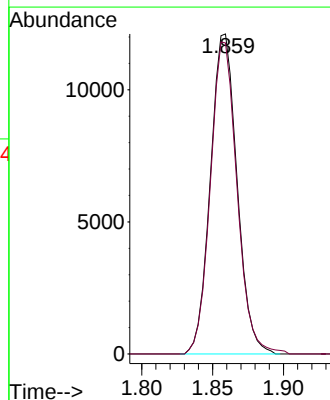
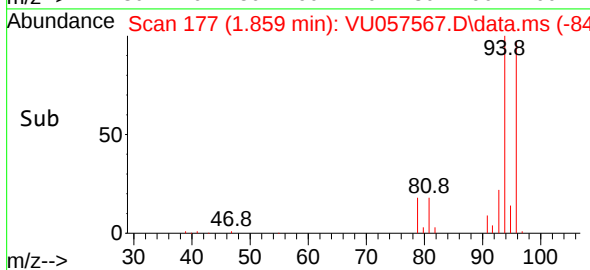
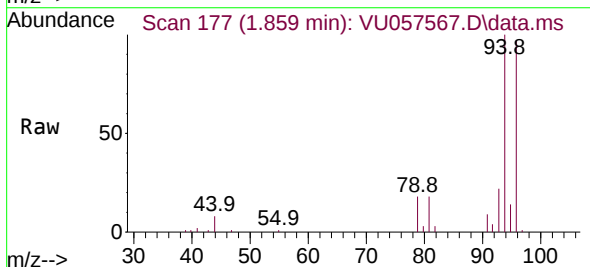


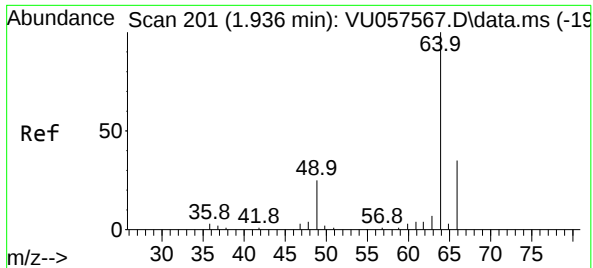
Tgt Ion: 62 Resp: 31523
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 5.124 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.000 min
 Lab File: VU057567.D
 Acq: 23 Jan 2024 13:04

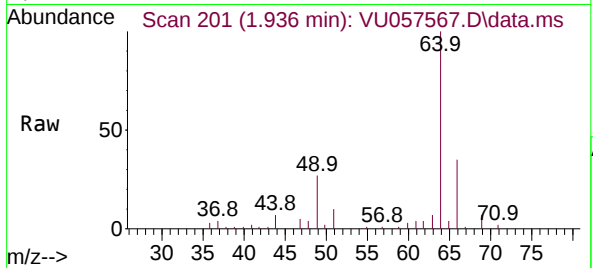
Tgt Ion: 94 Resp: 15838
 Ion Ratio Lower Upper
 94 100
 96 97.2 68.0 126.4



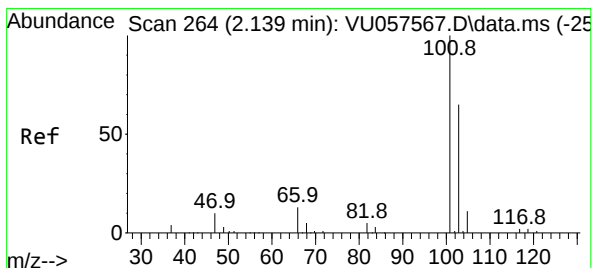
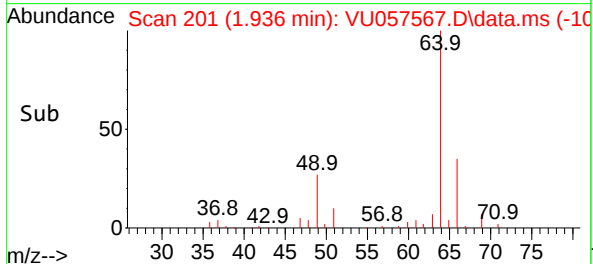
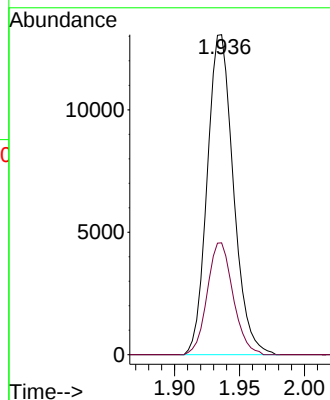


#8
Chloroethane
Concen: 5.432 ug/L
RT: 1.936 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Instrument :
MSVOA_U
ClientSampleId :

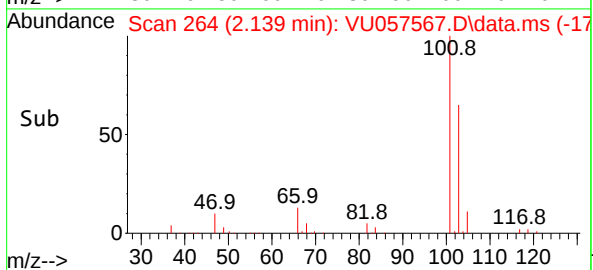
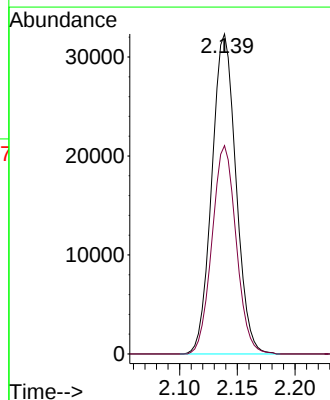
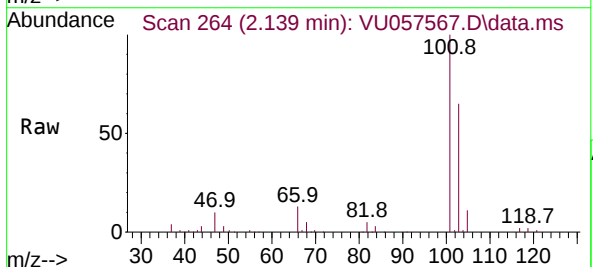


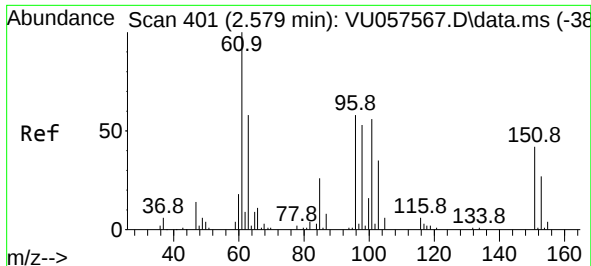
Tgt Ion: 64 Resp: 18316
Ion Ratio Lower Upper
64 100
66 35.0 24.5 45.5



#9
Trichlorofluoromethane
Concen: 6.180 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion:101 Resp: 46987
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

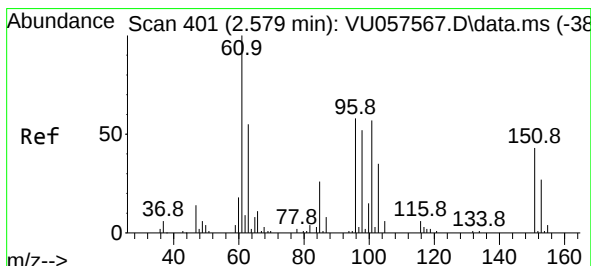
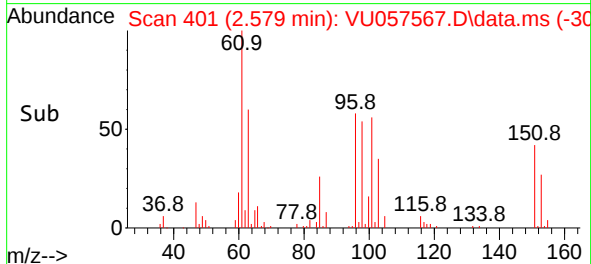
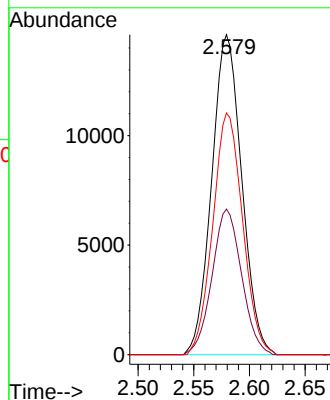
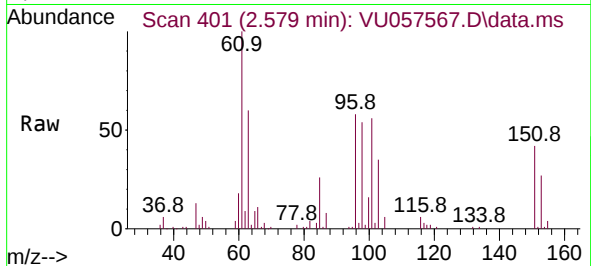




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.799 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057567.D
 Acq: 23 Jan 2024 13:04

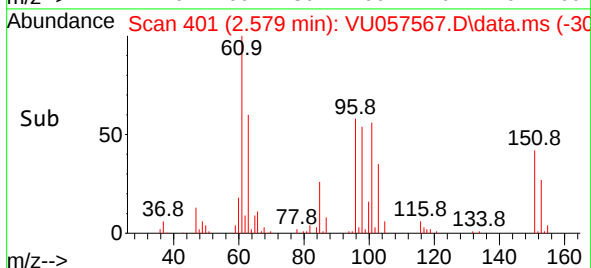
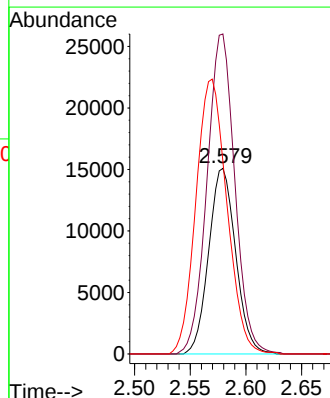
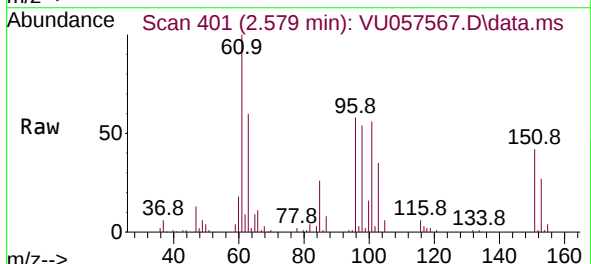
Instrument :
 MSVOA_U
 ClientSampleId :

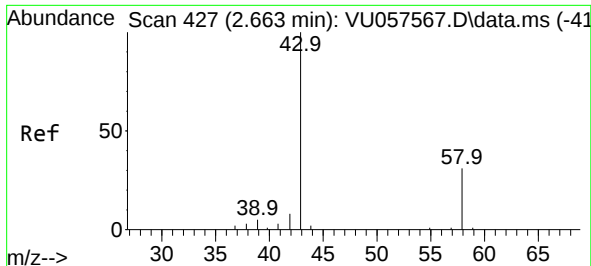
Tgt Ion:101 Resp: 27402
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.8 53.8
 151 75.0 60.0 90.0



#12
 1,1-Dichloroethene
 Concen: 5.938 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU057567.D
 Acq: 23 Jan 2024 13:04

Tgt Ion: 96 Resp: 25431
 Ion Ratio Lower Upper
 96 100
 61 172.4 120.7 224.1
 63 103.6 72.5 134.7





#13

Acetone

Concen: 42.940 ug/L

RT: 2.663 min Scan# 427

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

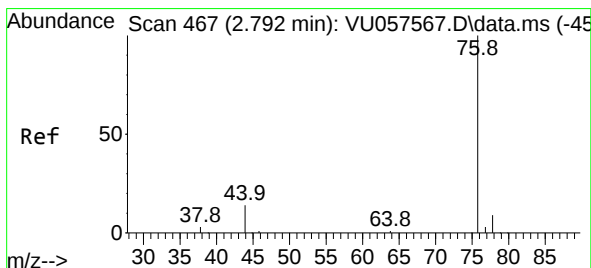
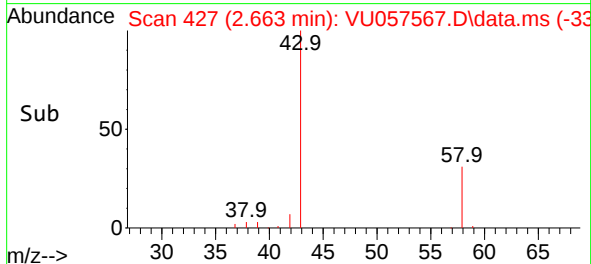
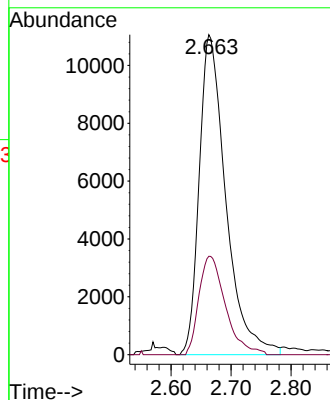
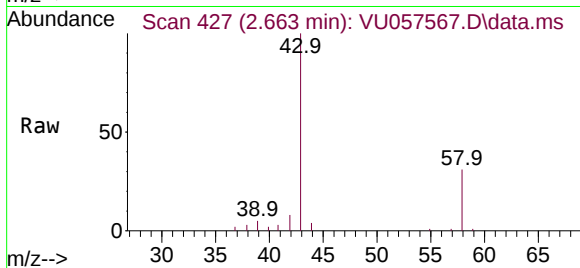
ClientSampleId :

Tgt Ion: 43 Resp: 34130

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 6.575 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU057567.D

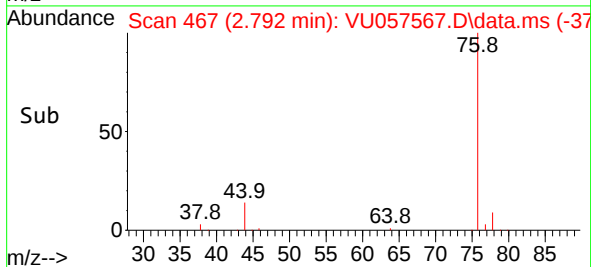
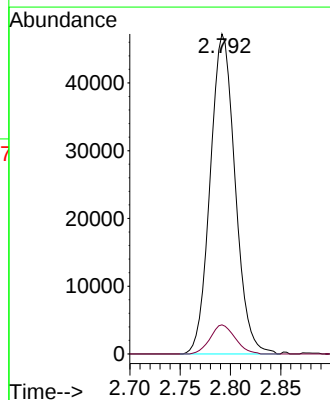
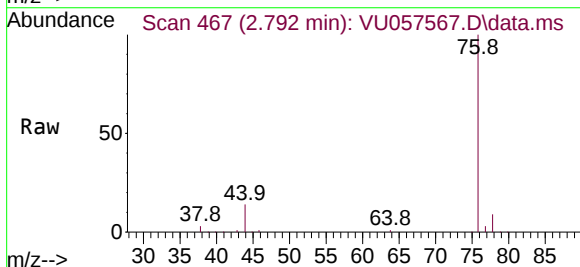
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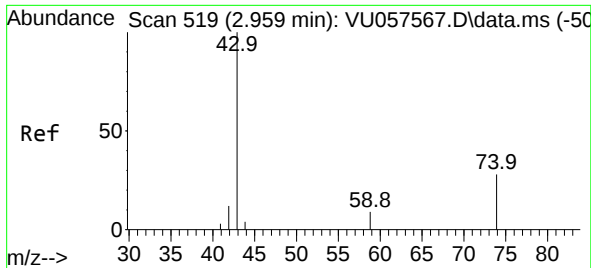
Tgt Ion: 76 Resp: 81459

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

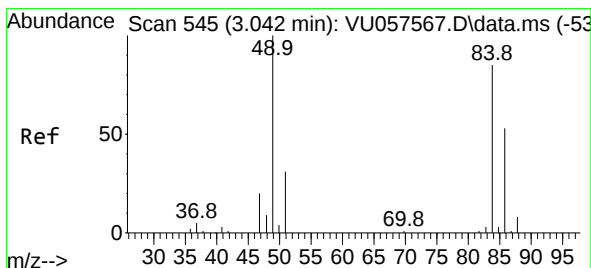
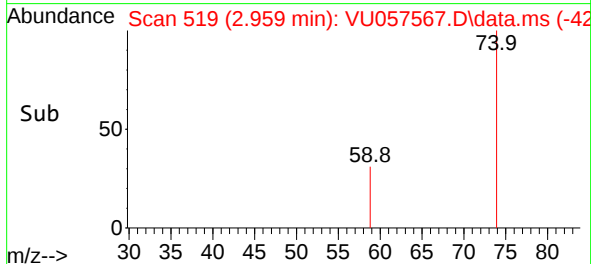
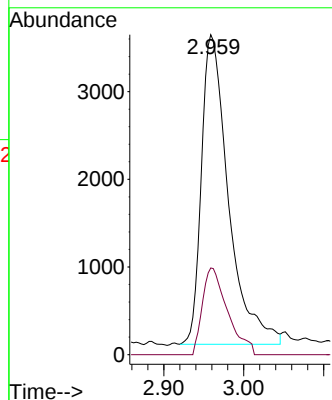
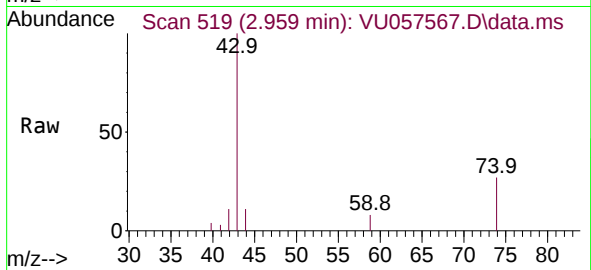




#15
Methyl Acetate
Concen: 4.623 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

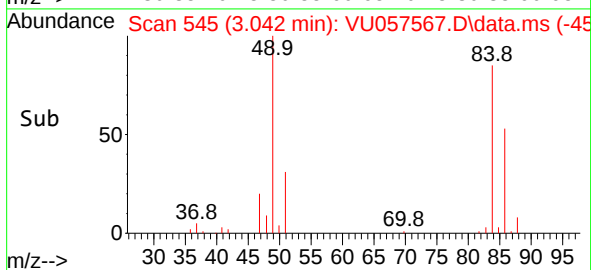
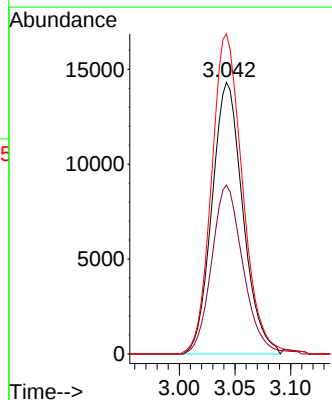
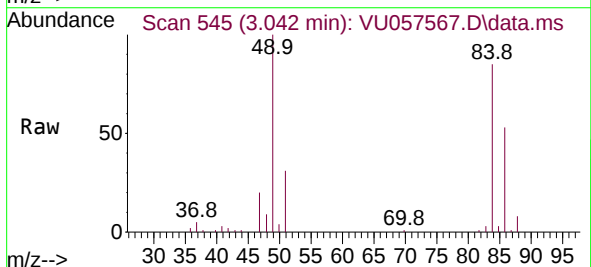
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MSVOA_U
ClientSampleId :

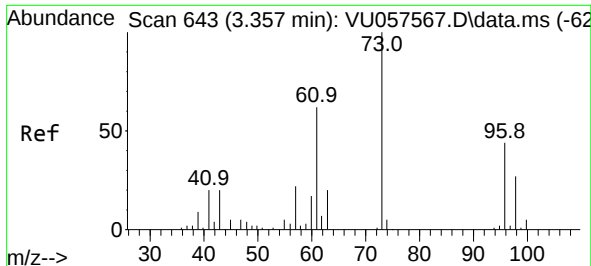
Tgt Ion: 43 Resp: 8316
Ion Ratio Lower Upper
43 100
74 25.9 20.7 31.1



#16
Methylene chloride
Concen: 4.955 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion: 84 Resp: 27622
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 117.8 82.5 153.1

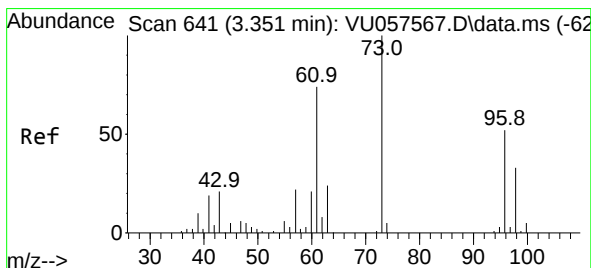
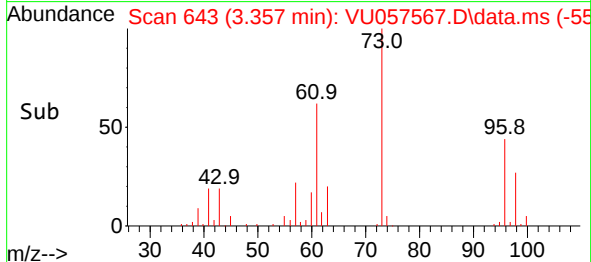
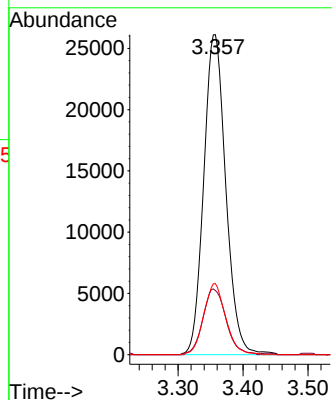
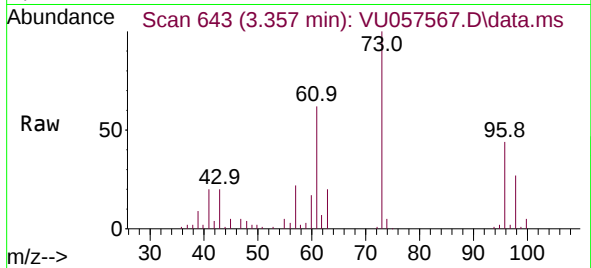




#17
Methyl tert-butyl Ether
Concen: 5.876 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

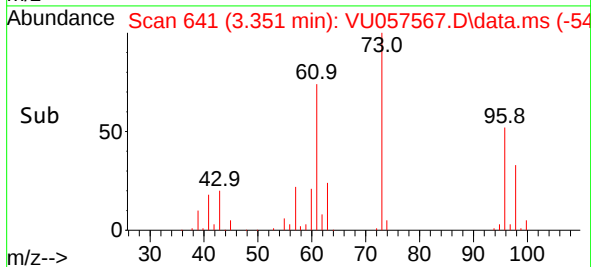
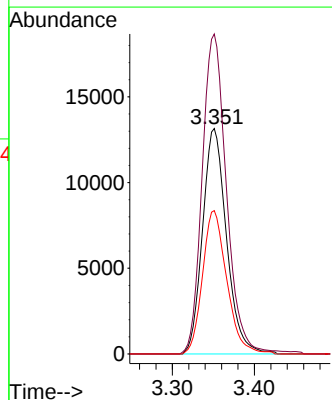
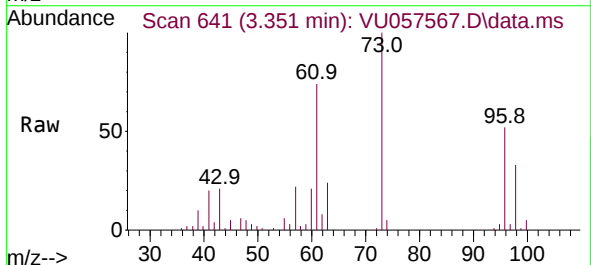
Instrument :
MSVOA_U
ClientSampleId :

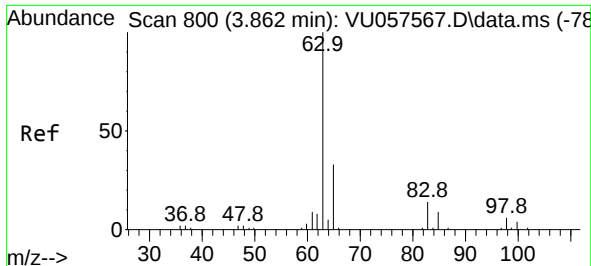
Tgt Ion: 73	Resp: 61780
Ion Ratio	Lower Upper
73 100	
43 21.6	17.3 25.9
57 22.1	17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 6.251 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

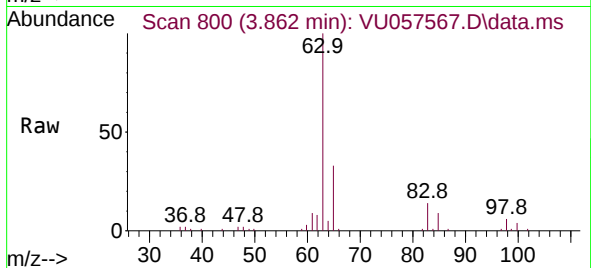
Tgt Ion: 96	Resp: 26778		
Ion Ratio	Lower	Upper	
96 100			
61 141.9	99.3	184.5	
98 63.6	44.5	82.7	



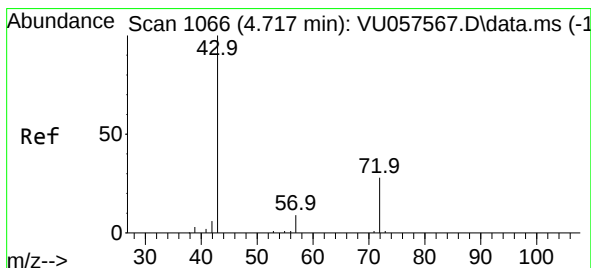
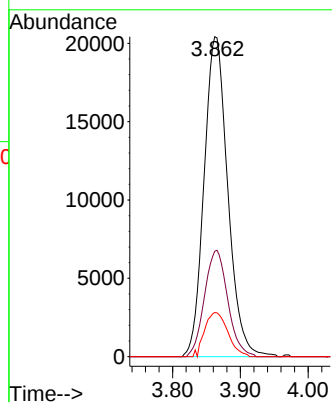
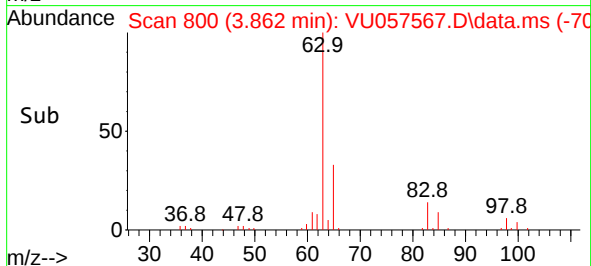


#19
1,1-Dichloroethane
Concen: 5.379 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Instrument :
MSVOA_U
ClientSampleId :

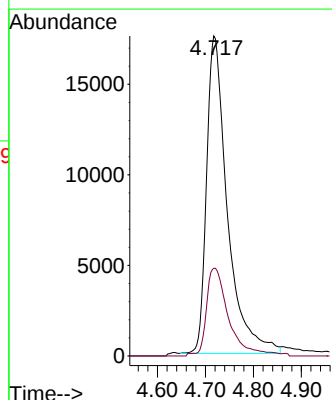
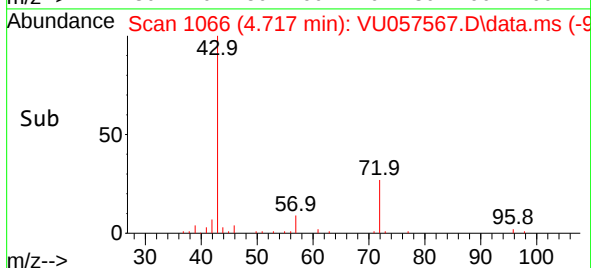
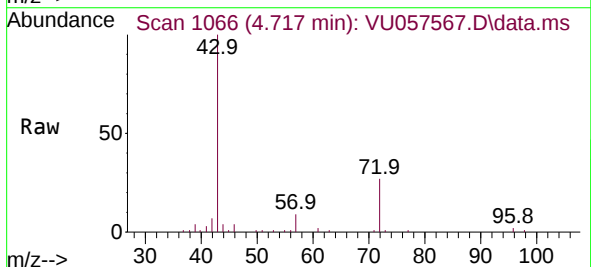


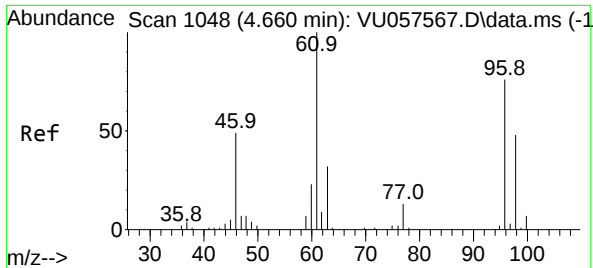
Tgt Ion: 63 Resp: 49725
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.8
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 47.270 ug/L
RT: 4.717 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion: 43 Resp: 52897
Ion Ratio Lower Upper
43 100
72 29.4 14.7 44.1

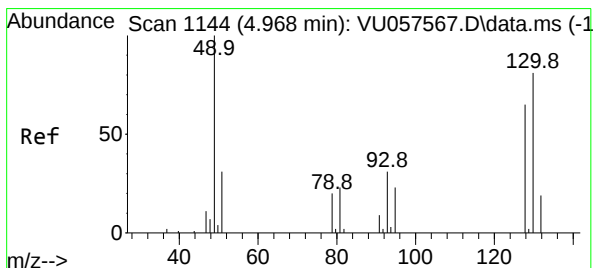
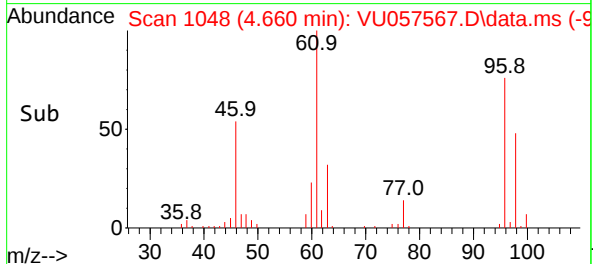
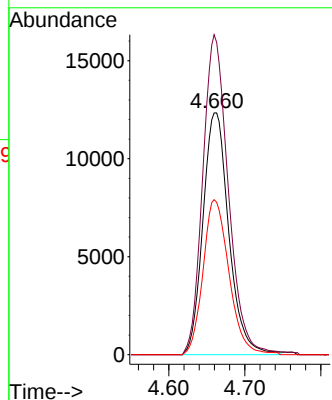
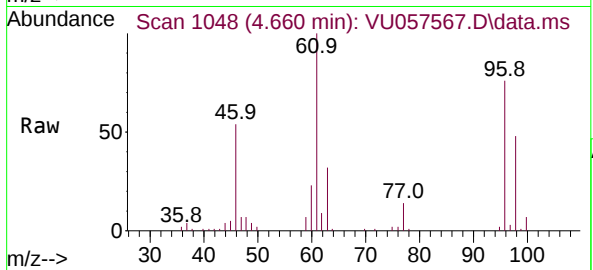




#22
 cis-1,2-Dichloroethene
 Concen: 5.943 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057567.D
 Acq: 23 Jan 2024 13:04

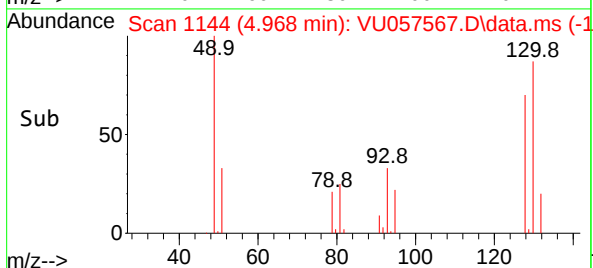
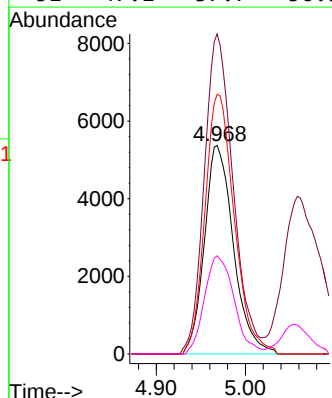
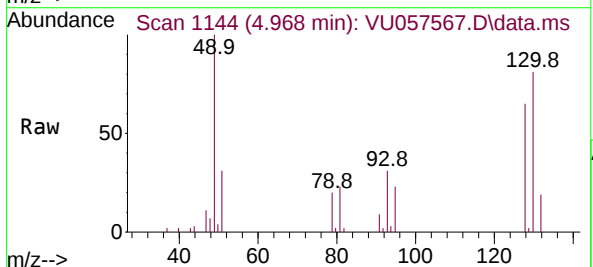
Instrument :
 MSVOA_U
 ClientSampleId :

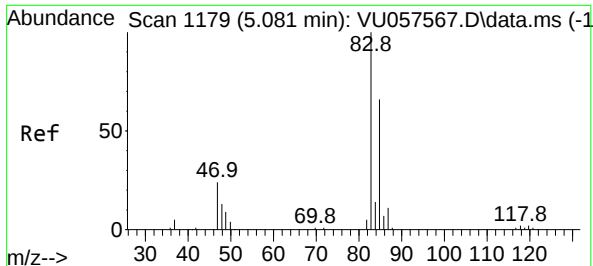
Tgt Ion:	96	Resp:	29211
Ion	Ratio	Lower	Upper
96	100		
61	132.4	92.7	172.1
98	64.2	44.9	83.5



#23
 Bromochloromethane
 Concen: 5.796 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057567.D
 Acq: 23 Jan 2024 13:04

Tgt Ion:	128	Resp:	12168
Ion	Ratio	Lower	Upper
128	100		
49	159.3	111.5	207.1
130	124.6	87.2	162.0
51	47.1	37.7	56.5

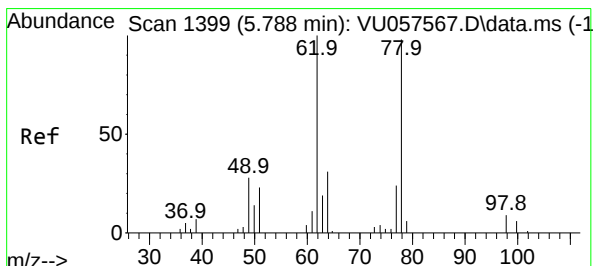
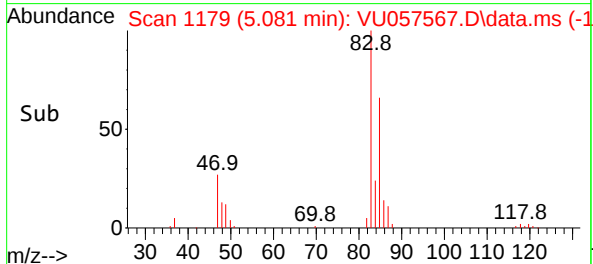
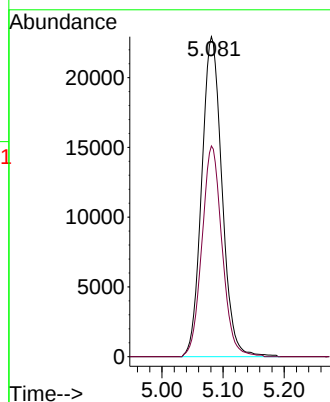
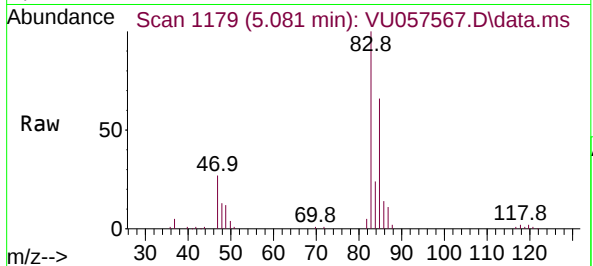




#25
Chloroform
Concen: 5.484 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

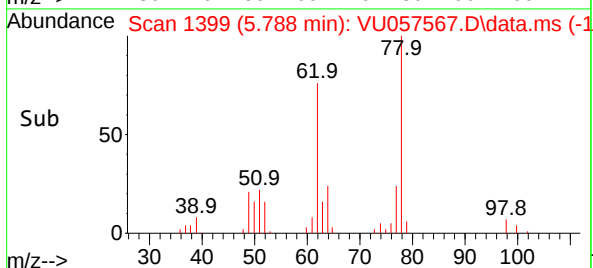
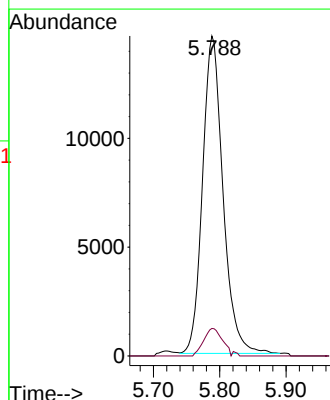
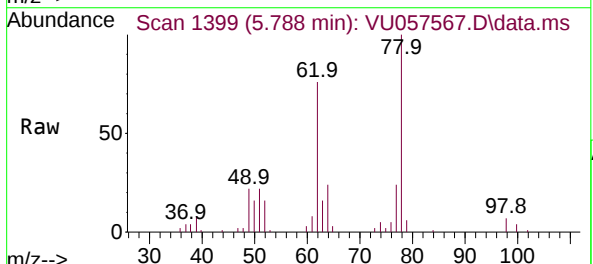
Instrument :
MSVOA_U
ClientSampleId :

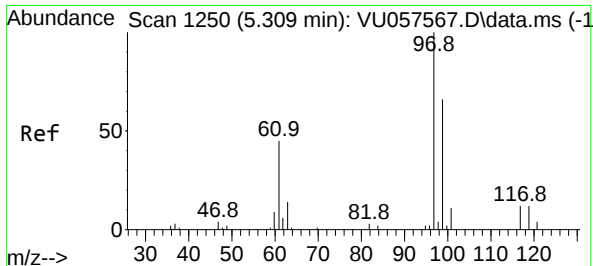
Tgt Ion: 83 Resp: 52908
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.394 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion: 62 Resp: 31269
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3

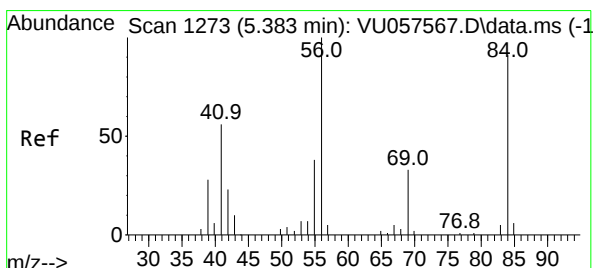
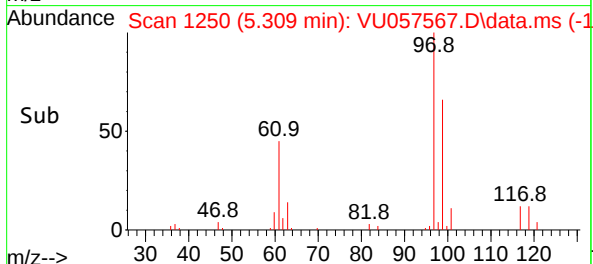
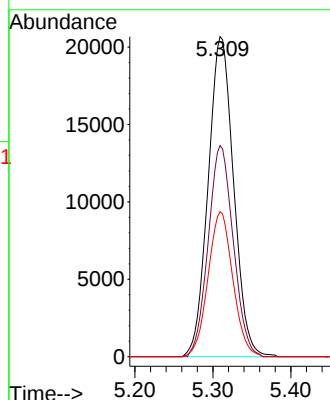
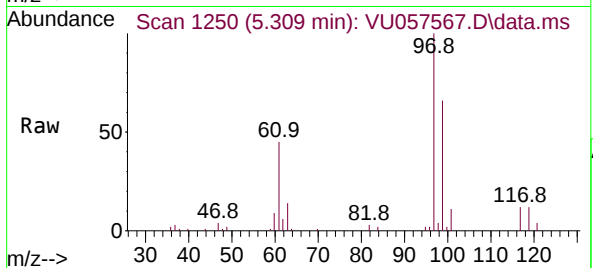




#29
1,1,1-Trichloroethane
Concen: 5.880 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

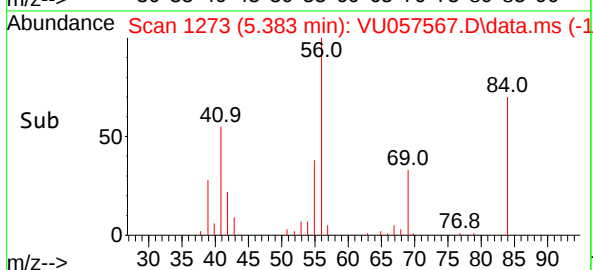
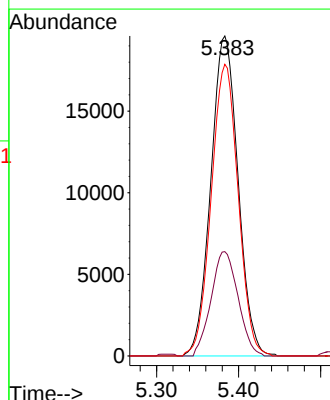
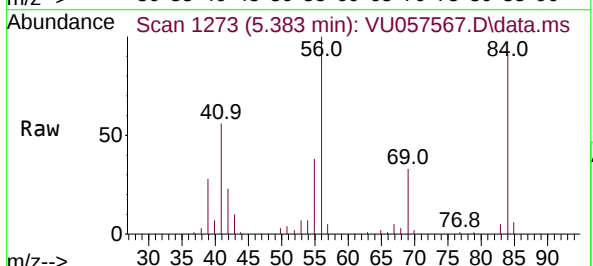
Instrument :
MSVOA_U
ClientSampleId :

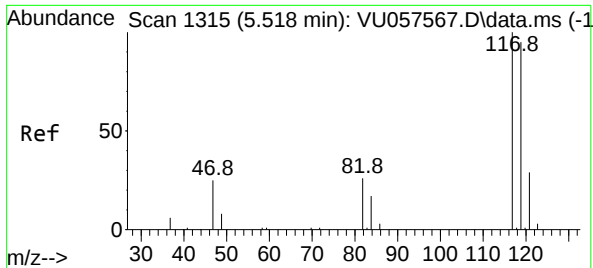
Tgt Ion: 97	Resp: 46852
Ion Ratio	Lower Upper
97 100	
99 65.0	52.0 78.0
61 44.1	35.3 52.9



#30
Cyclohexane
Concen: 6.708 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion: 56	Resp: 45299
Ion Ratio	Lower Upper
56 100	
69 32.3	25.8 38.8
84 90.0	72.0 108.0

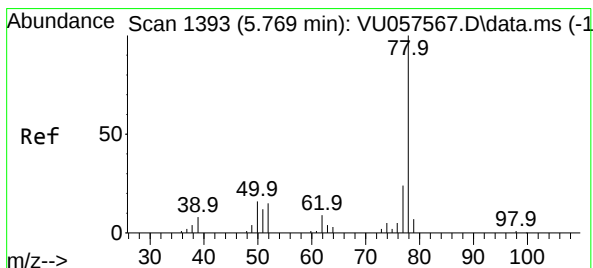
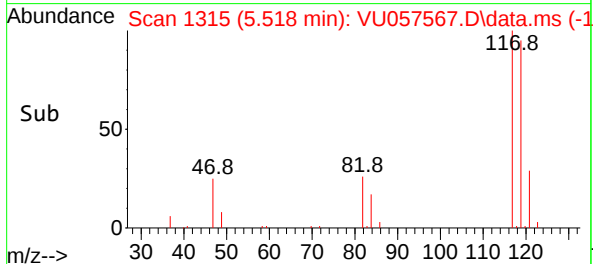
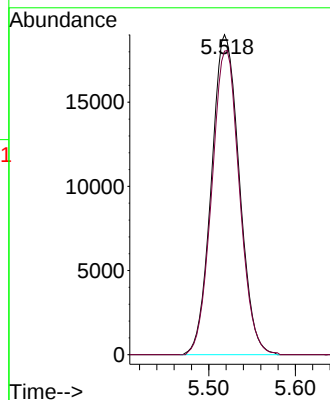
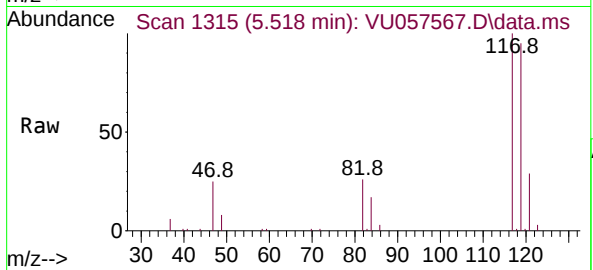




#31
Carbon tetrachloride
Concen: 6.305 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

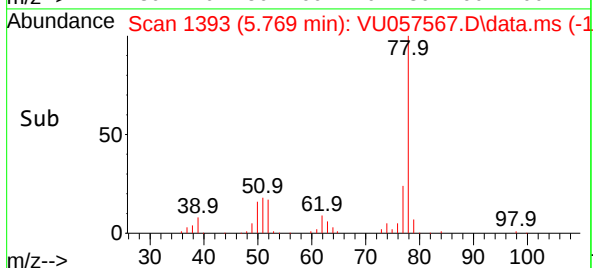
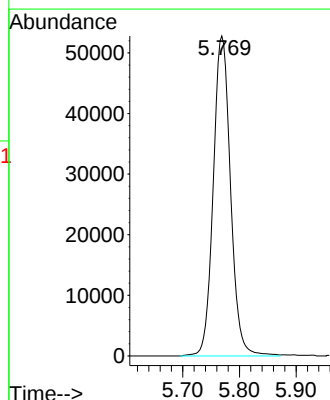
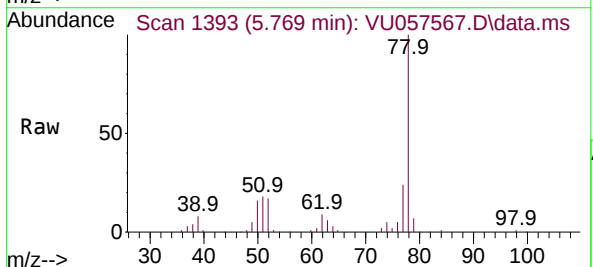
Instrument :
MSVOA_U
ClientSampleId :

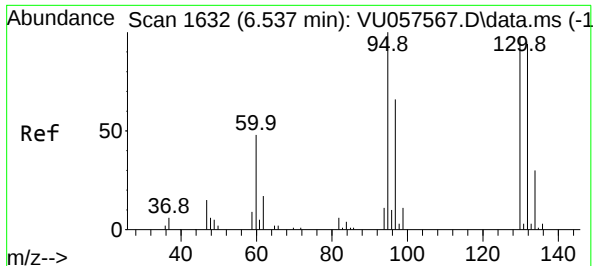
Tgt Ion:117 Resp: 42476
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 5.917 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

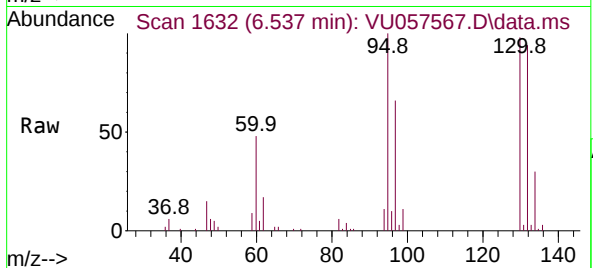
Tgt Ion: 78 Resp: 111983



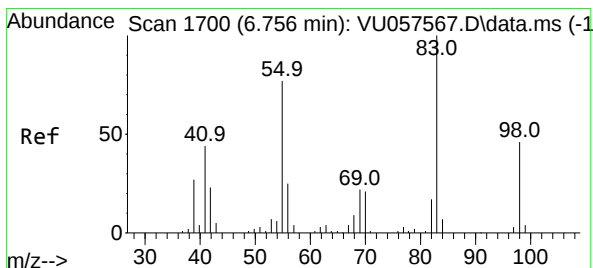
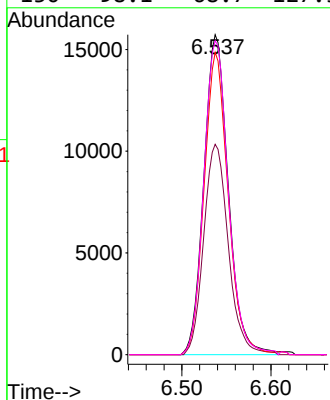
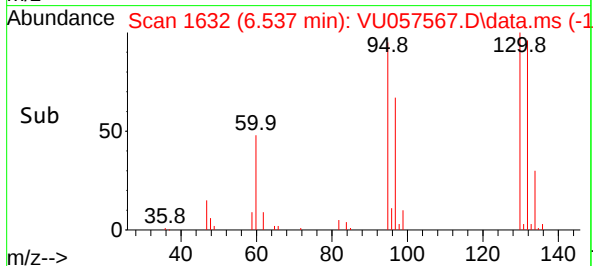


#34
Trichloroethene
Concen: 5.984 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

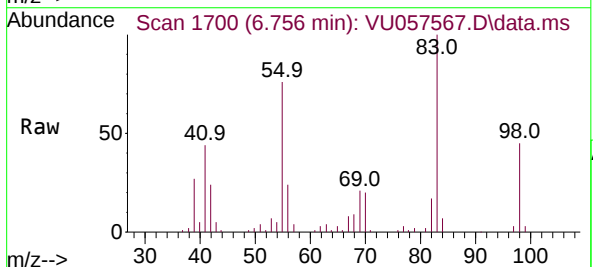
Instrument :
MSVOA_U
ClientSampleId :



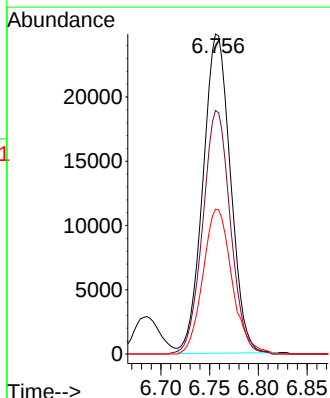
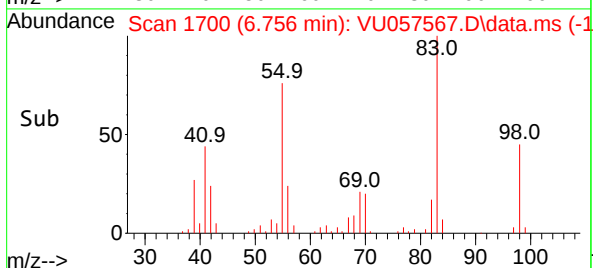
Tgt Ion: 95 Resp: 30020
Ion Ratio Lower Upper
95 100
97 65.8 46.1 85.5
132 94.5 66.1 122.8
130 98.1 68.7 127.5

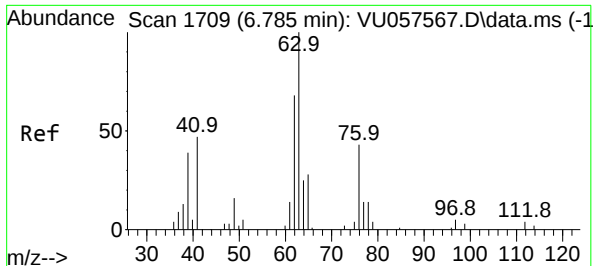


#35
Methylcyclohexane
Concen: 6.934 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04



Tgt Ion: 83 Resp: 48759
Ion Ratio Lower Upper
83 100
55 76.7 61.4 92.0
98 47.8 38.2 57.4

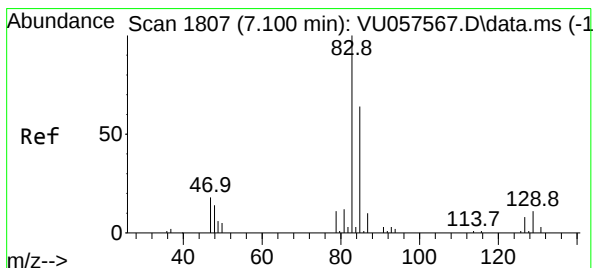
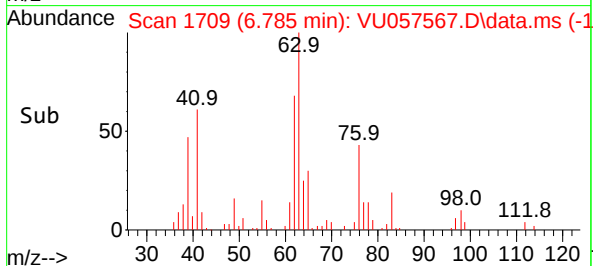
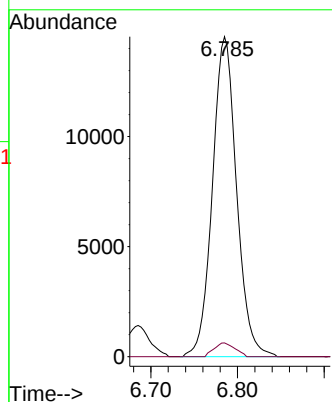
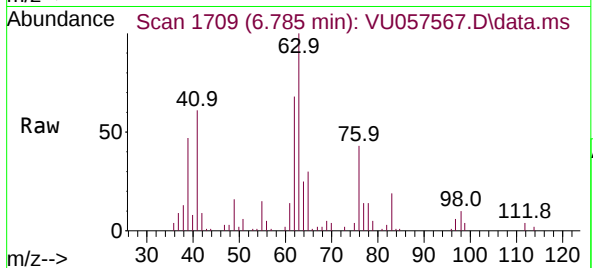




#37
1,2-Dichloropropane
Concen: 5.342 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

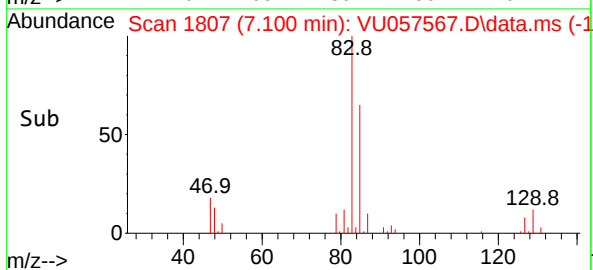
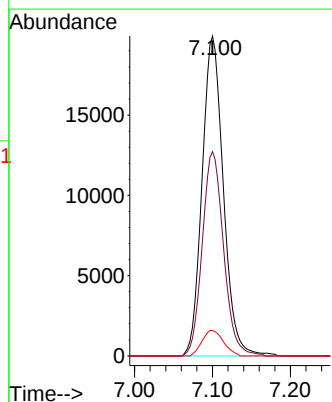
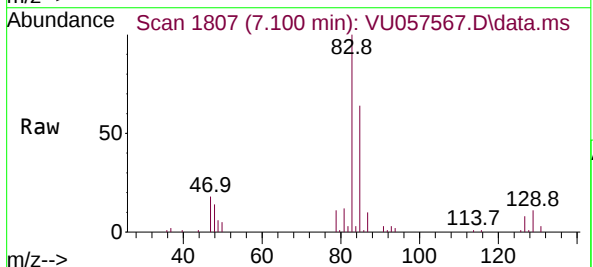
Instrument :
MSVOA_U
ClientSampleId :

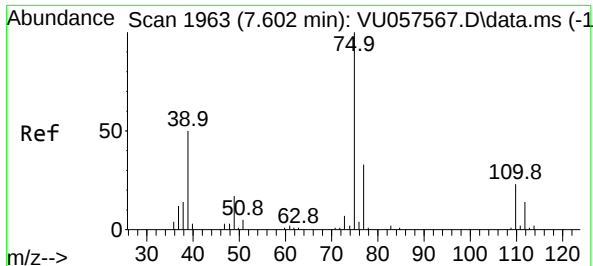
Tgt Ion: 63 Resp: 28145
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.836 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion: 83 Resp: 37730
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 6.070 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

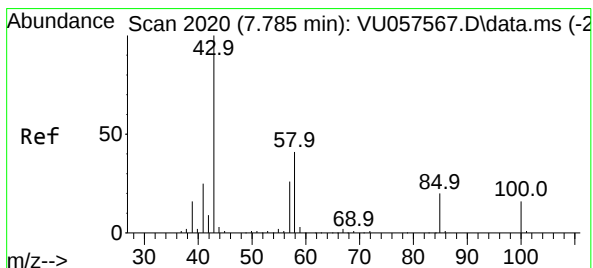
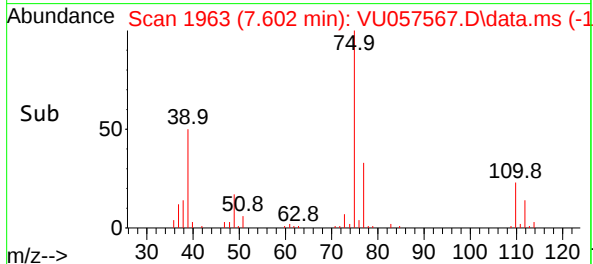
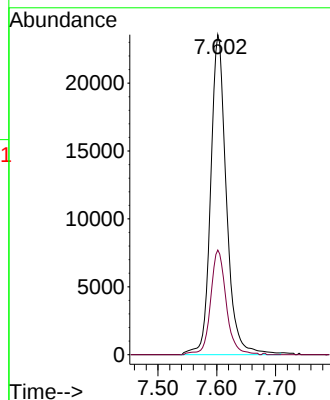
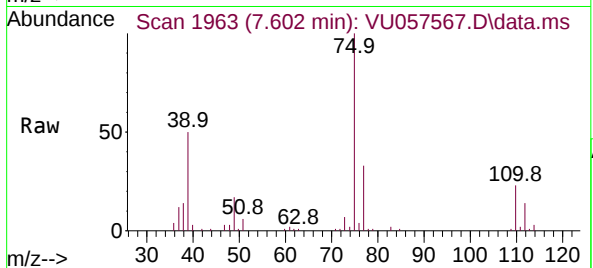
ClientSampleId :

Tgt Ion: 75 Resp: 43824

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 52.735 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

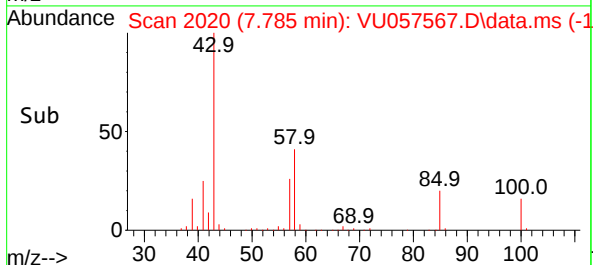
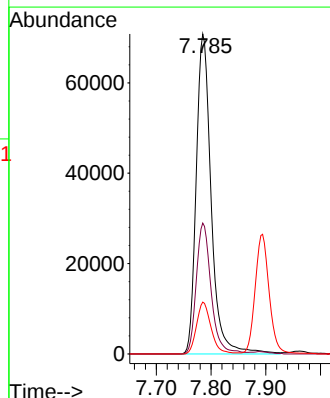
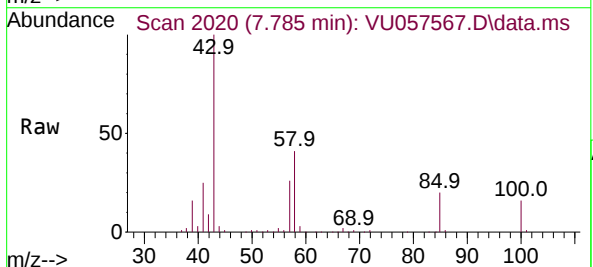
Tgt Ion: 43 Resp: 134594

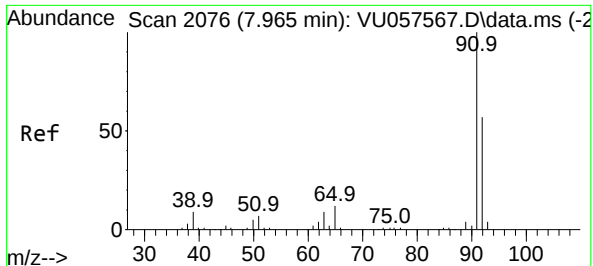
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 15.7 12.6 18.8





#42

Toluene

Concen: 6.470 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

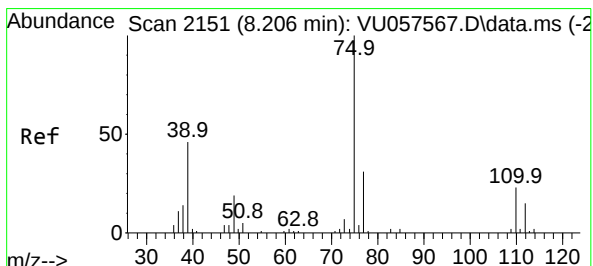
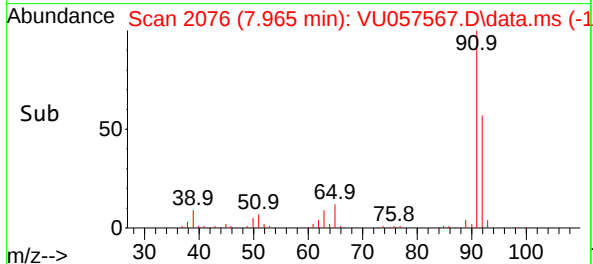
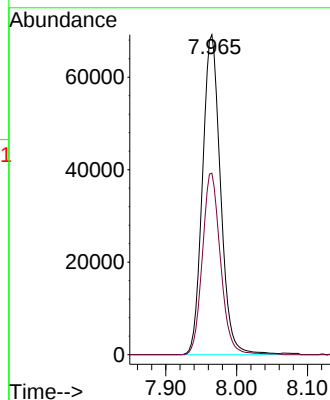
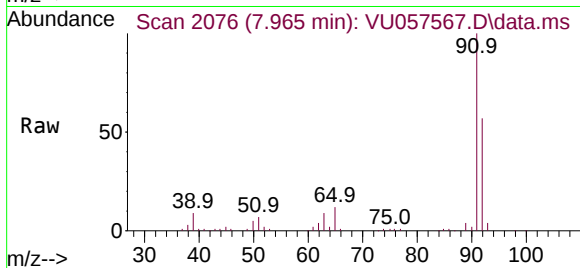
ClientSampleId :

Tgt Ion: 91 Resp: 122463

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 6.158 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057567.D

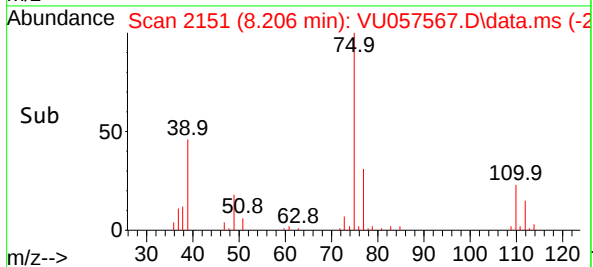
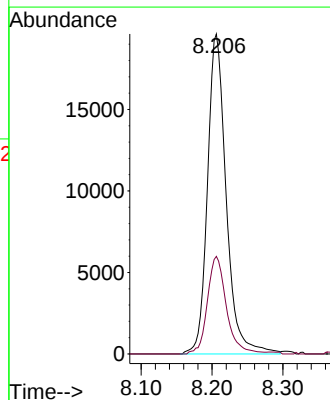
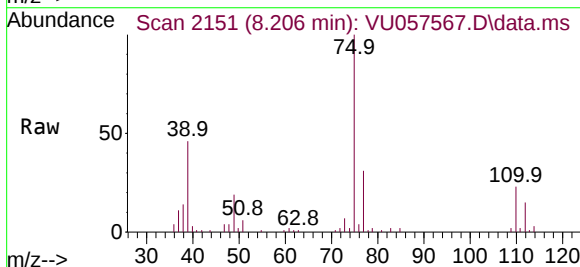
Acq: 23 Jan 2024 13:04

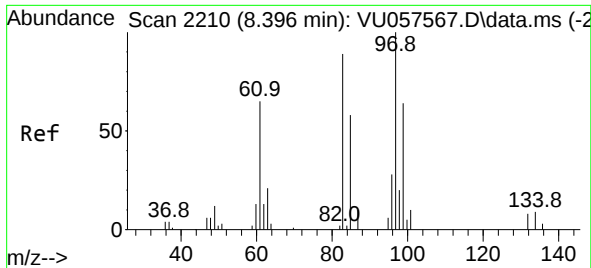
Tgt Ion: 75 Resp: 36004

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.6

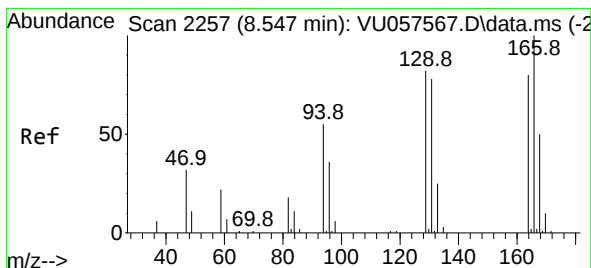
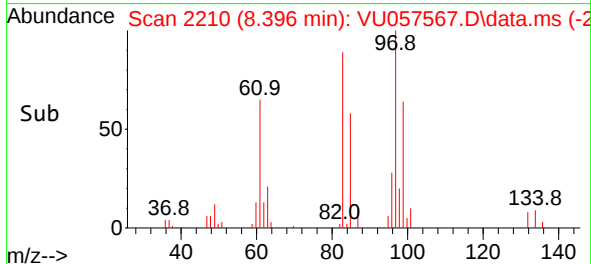
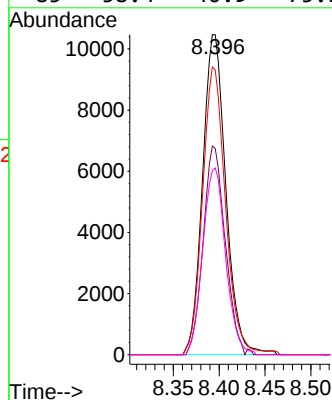
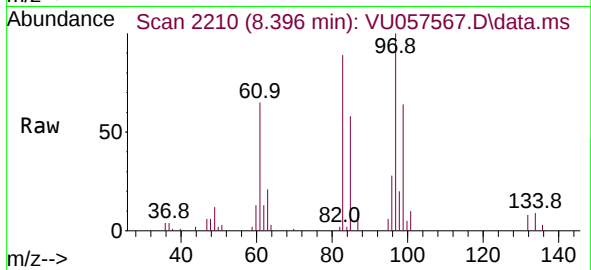




#45
1,1,2-Trichloroethane
Concen: 5.473 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

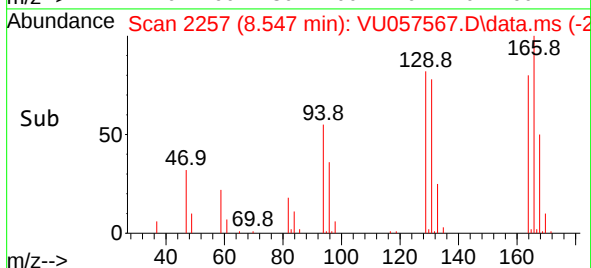
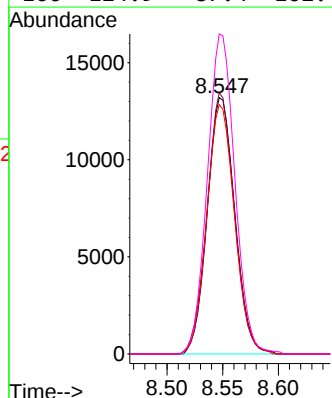
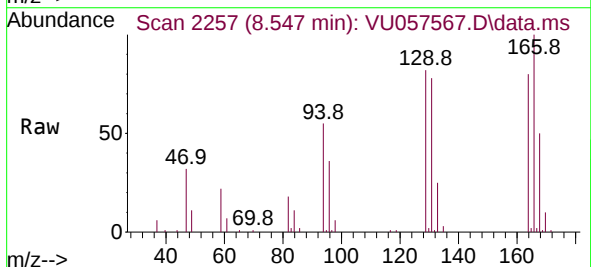
Instrument :
MSVOA_U
ClientSampleId :

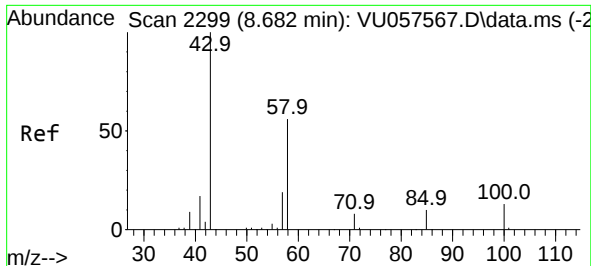
Tgt Ion:	97	Resp:	18473
Ion	Ratio	Lower	Upper
97	100		
99	64.4	45.1	83.7
83	89.0	62.3	115.7
85	58.4	40.9	75.9



#47
Tetrachloroethene
Concen: 6.603 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion:	164	Resp:	22710
Ion	Ratio	Lower	Upper
164	100		
129	101.9	71.3	132.5
131	97.3	68.1	126.5
166	124.9	87.4	162.4

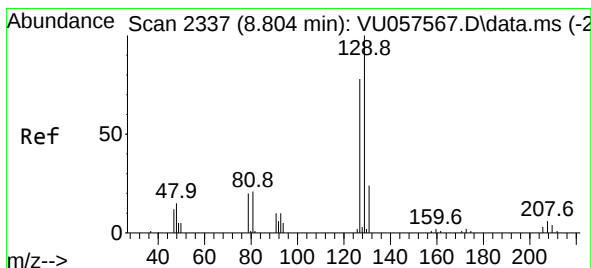
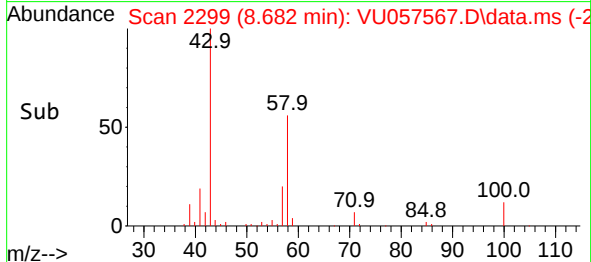
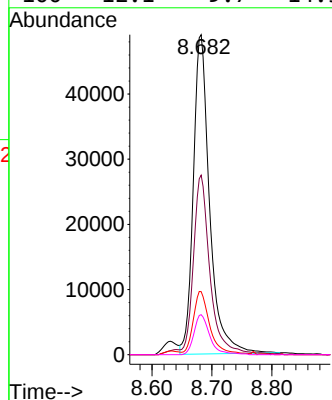
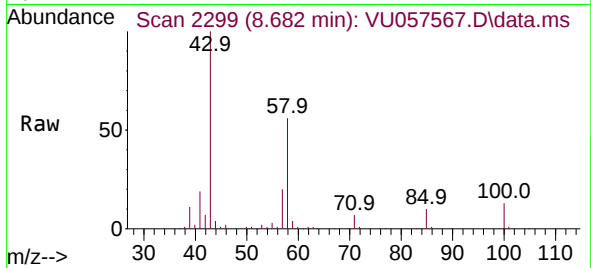




#48
2-Hexanone
Concen: 50.059 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

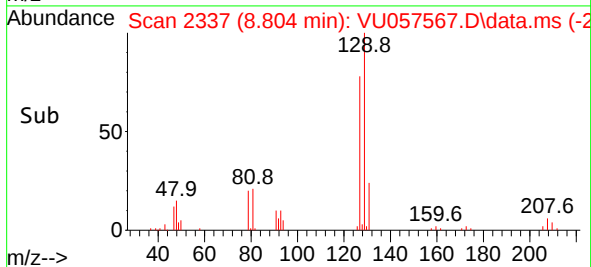
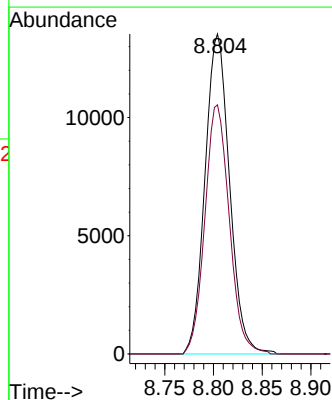
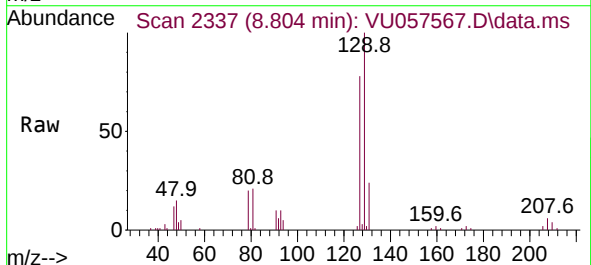
Instrument :
MSVOA_U
ClientSampleId :

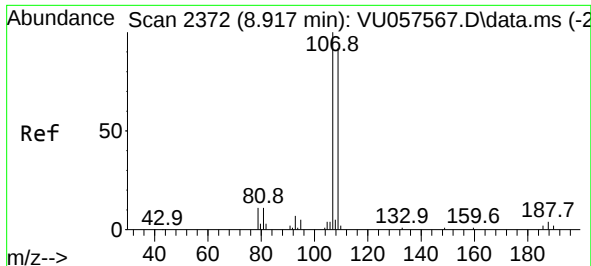
Tgt Ion:	43	Resp:	92855
Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.3	66.5
57	19.4	15.5	23.3
100	12.1	9.7	14.5



#49
Dibromochloromethane
Concen: 6.196 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion:	129	Resp:	23738
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1

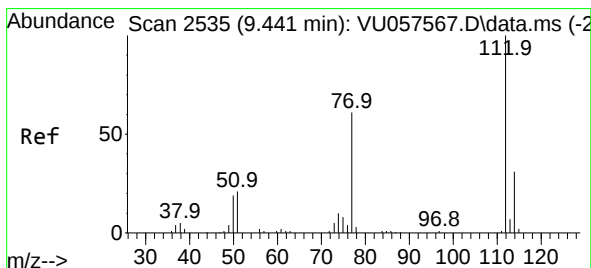
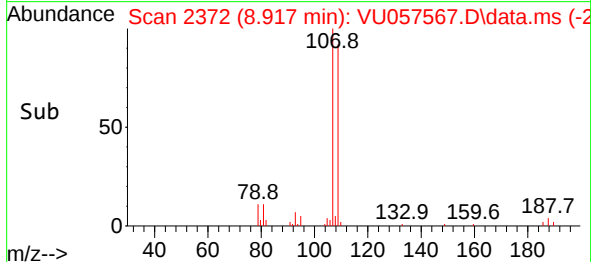
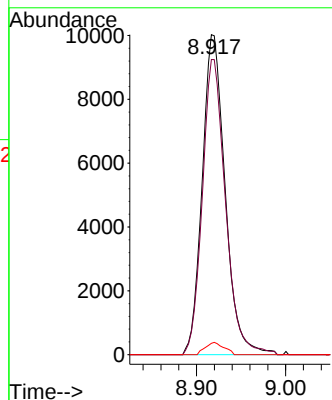
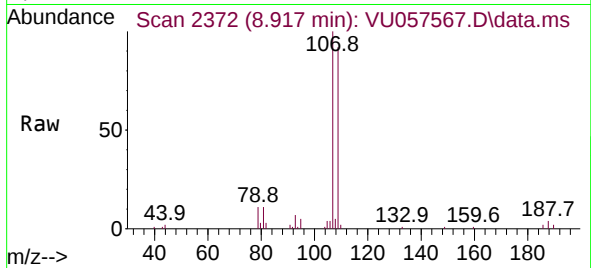




#50
1,2-Dibromoethane
Concen: 6.142 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

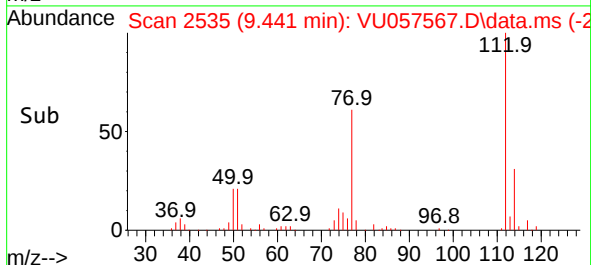
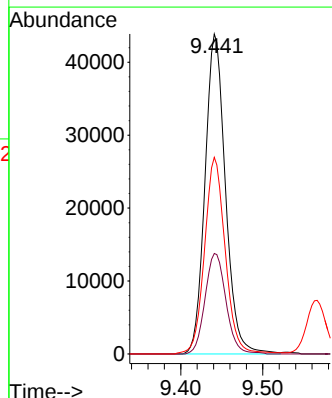
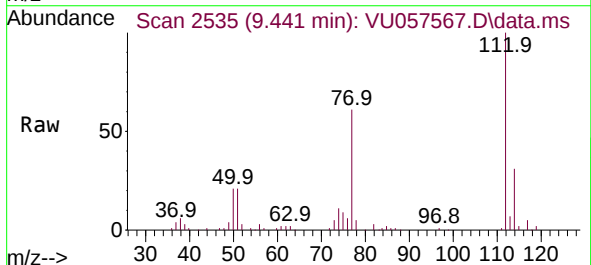
Instrument :
MSVOA_U
ClientSampleId :

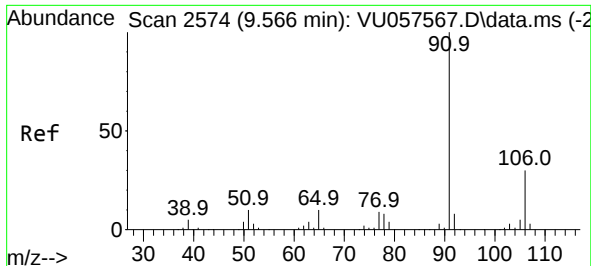
Tgt Ion:107 Resp: 17928
Ion Ratio Lower Upper
107 100
109 92.2 64.5 119.9
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 6.080 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion:112 Resp: 76018
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 61.5 49.2 73.8

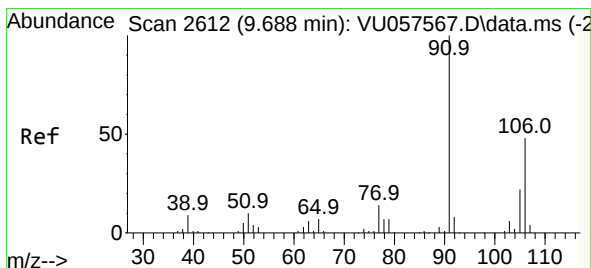
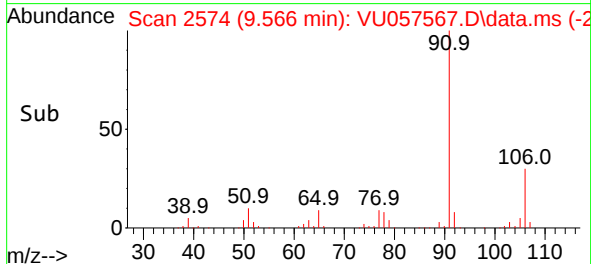
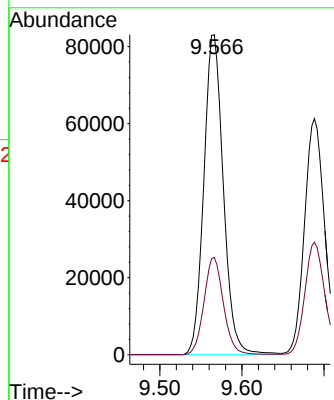
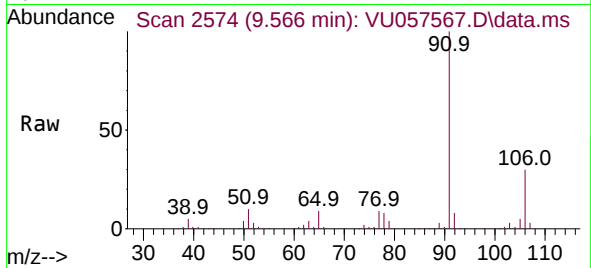




#52
Ethylbenzene
Concen: 6.594 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

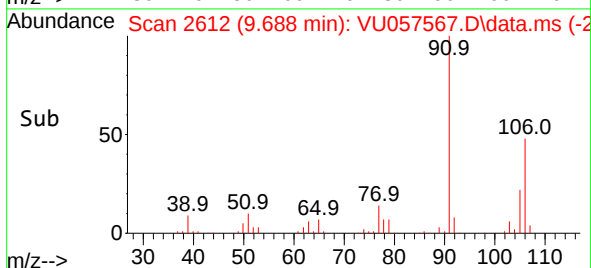
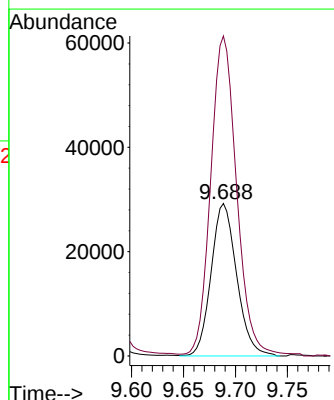
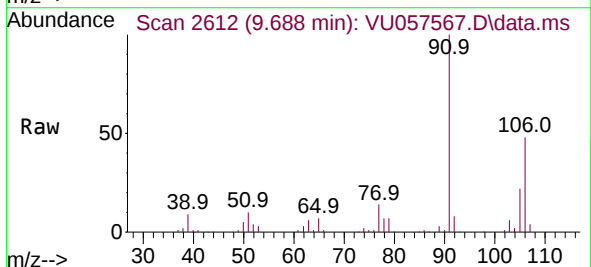
Instrument :
MSVOA_U
ClientSampleId :

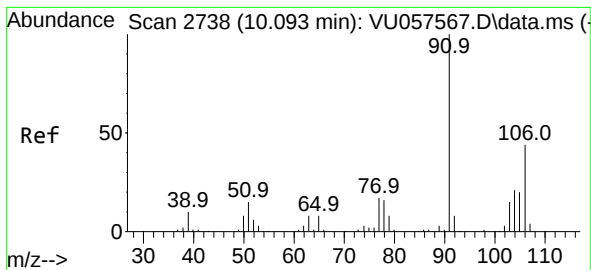
Tgt Ion: 91 Resp: 137459
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 6.688 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion:106 Resp: 50004
Ion Ratio Lower Upper
106 100
91 209.9 146.9 272.9





#54

o-Xylene

Concen: 6.774 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

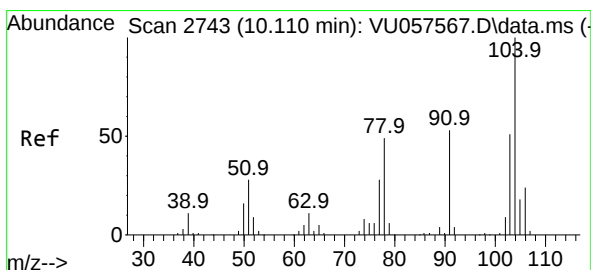
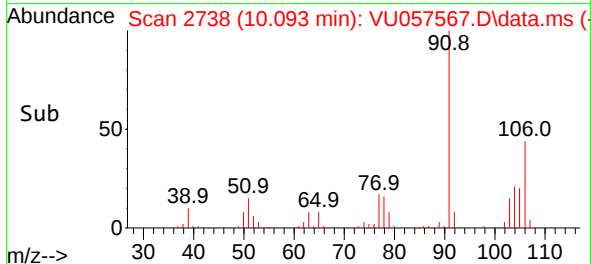
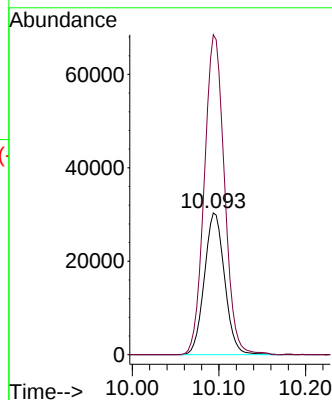
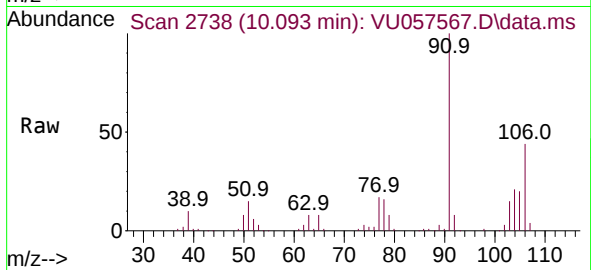
ClientSampleId :

Tgt Ion:106 Resp: 49273

Ion Ratio Lower Upper

106 100

91 225.8 158.1 293.5



#55

Styrene

Concen: 6.479 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057567.D

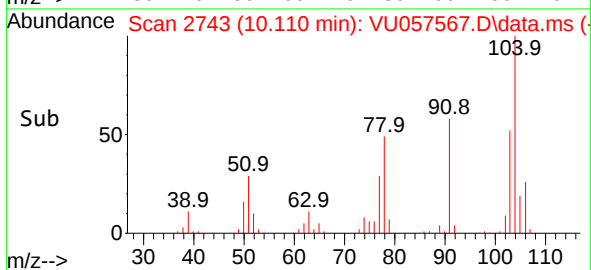
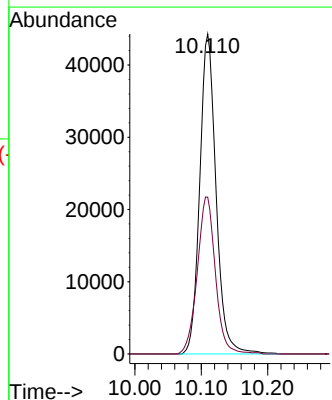
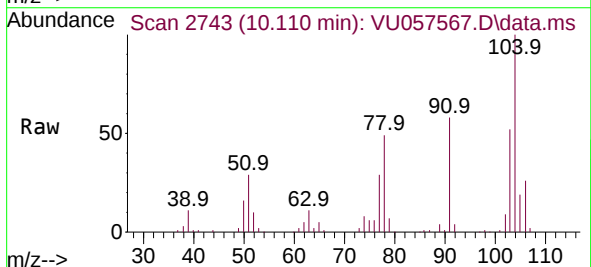
Acq: 23 Jan 2024 13:04

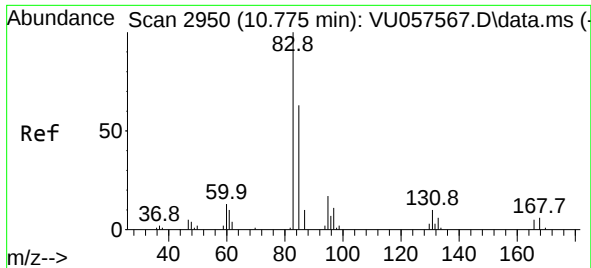
Tgt Ion:104 Resp: 75779

Ion Ratio Lower Upper

104 100

78 49.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.295 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

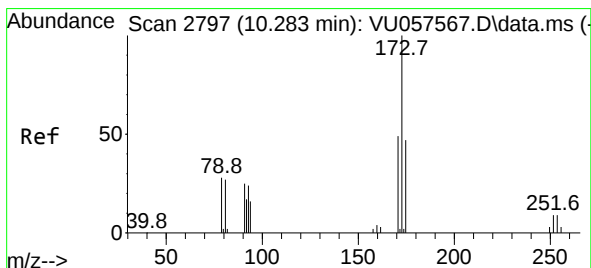
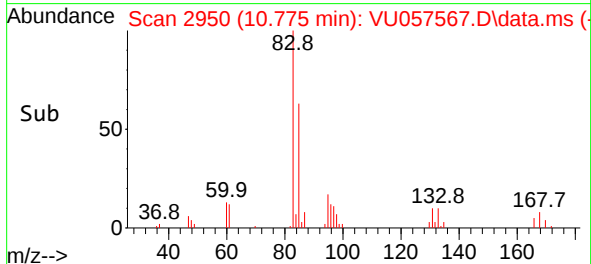
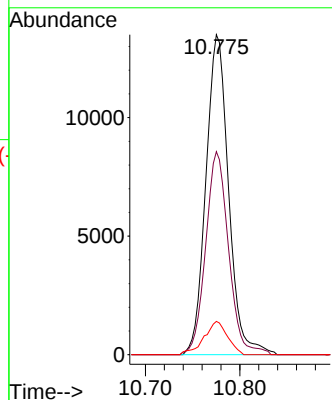
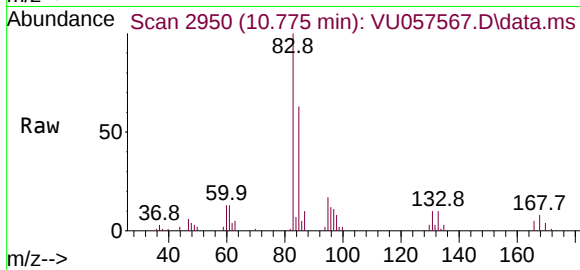
Tgt Ion: 83 Resp: 22525

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

131 10.4 8.3 12.5



#59

Bromoform

Concen: 6.032 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

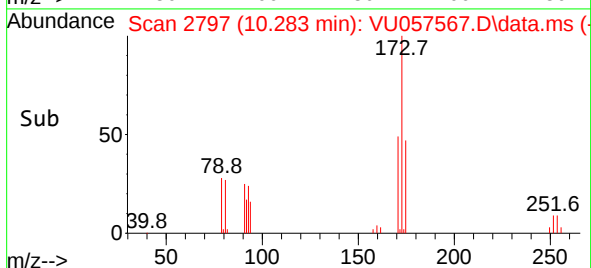
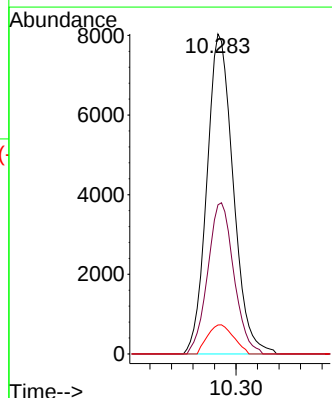
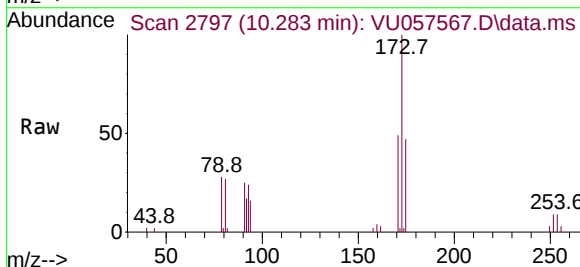
Tgt Ion:173 Resp: 13638

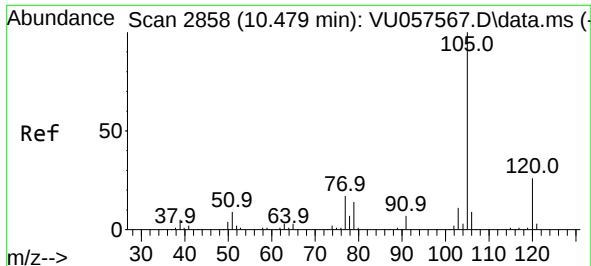
Ion Ratio Lower Upper

173 100

175 46.9 37.5 56.3

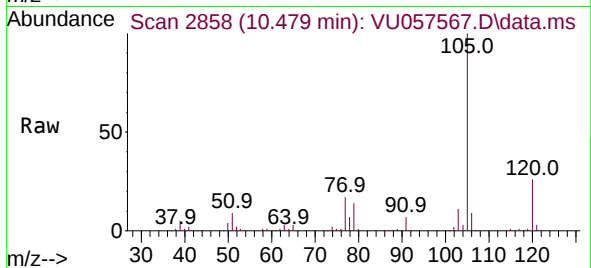
254 9.0 7.2 10.8



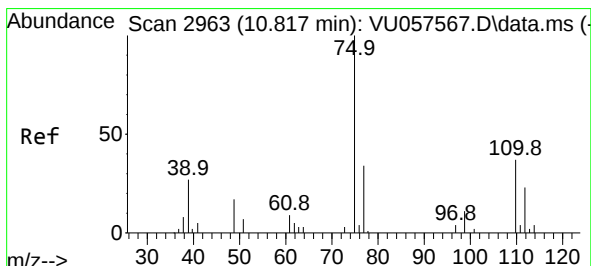
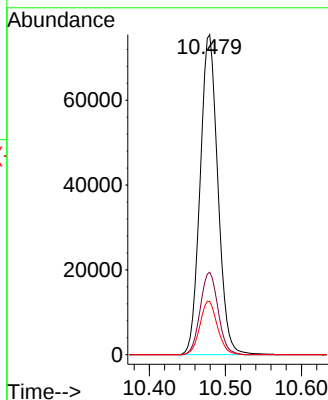
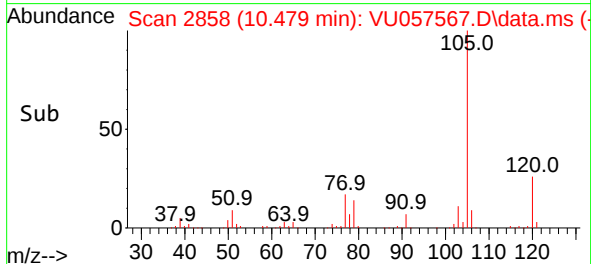


#60
Isopropylbenzene
Concen: 6.069 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Instrument :
MSVOA_U
ClientSampleId :

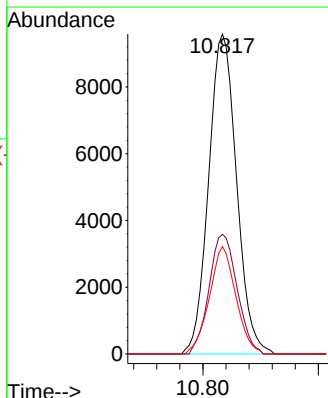
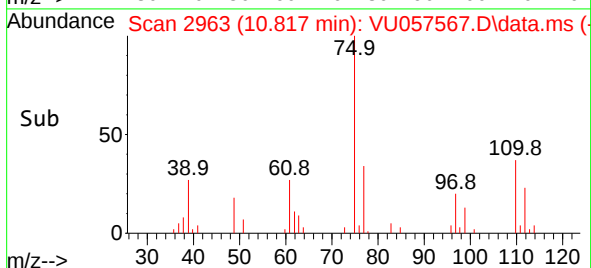
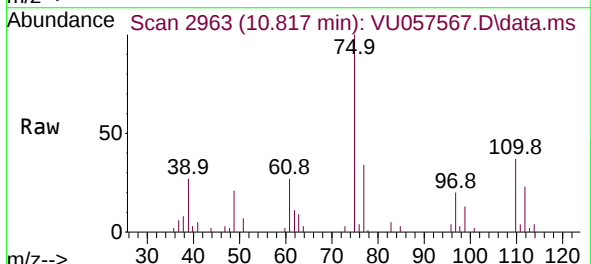


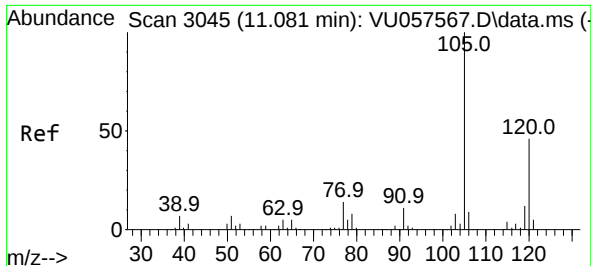
Tgt Ion:105 Resp: 122116
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.198 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion: 75 Resp: 16074
Ion Ratio Lower Upper
75 100
110 37.6 30.1 45.1
77 31.9 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 6.938 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

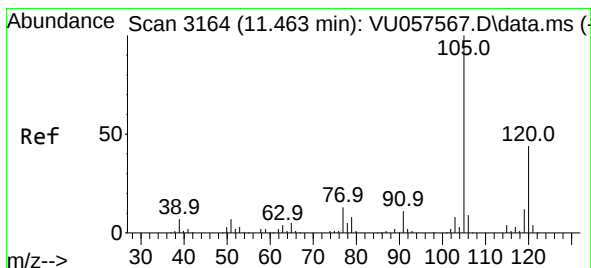
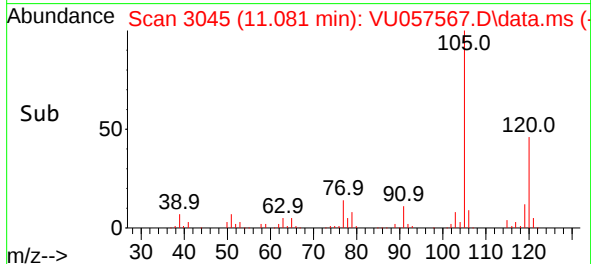
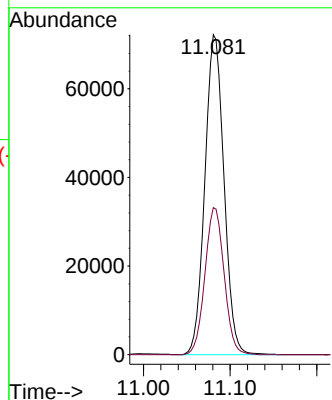
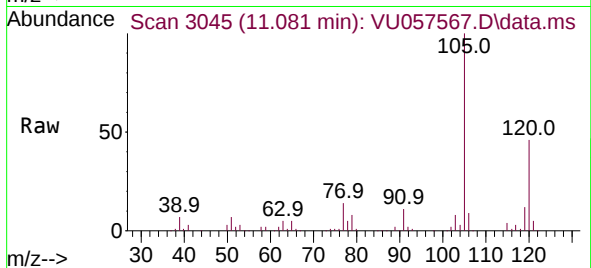
ClientSampleId :

Tgt Ion:105 Resp: 110902

Ion Ratio Lower Upper

105 100

120 46.1 36.9 55.3



#63

1,2,4-Trimethylbenzene

Concen: 6.986 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU057567.D

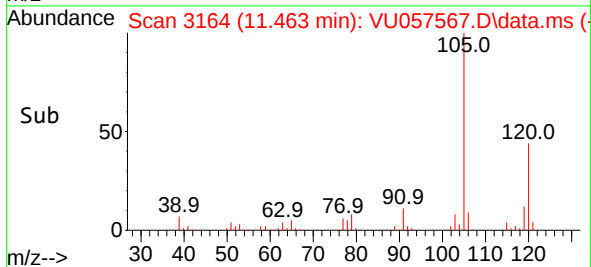
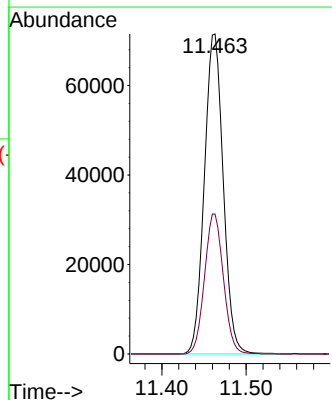
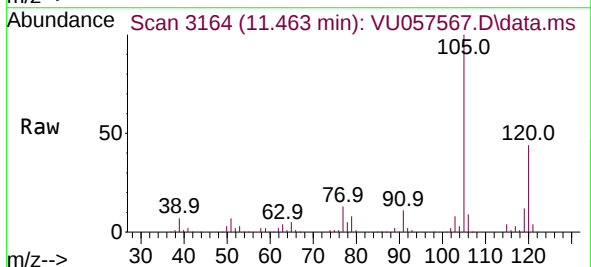
Acq: 23 Jan 2024 13:04

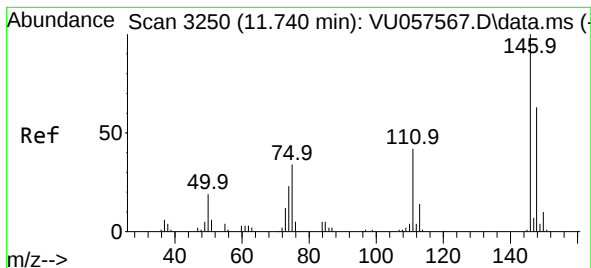
Tgt Ion:105 Resp: 111604

Ion Ratio Lower Upper

105 100

120 43.7 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 5.992 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

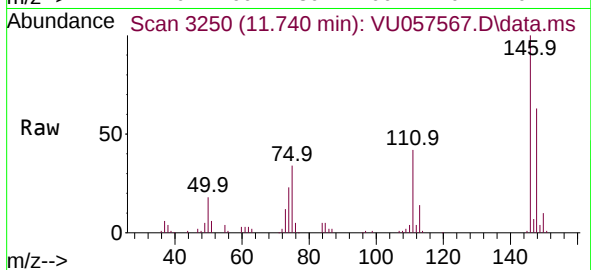
Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :



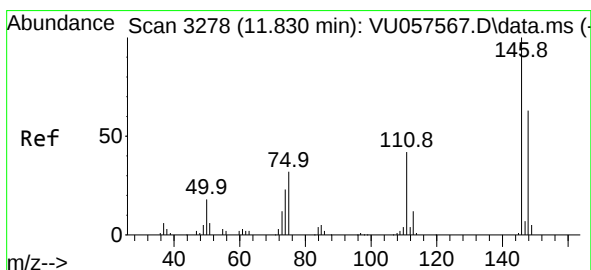
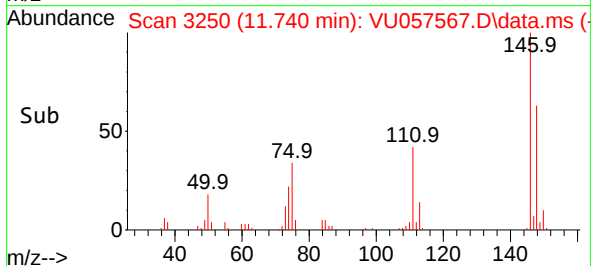
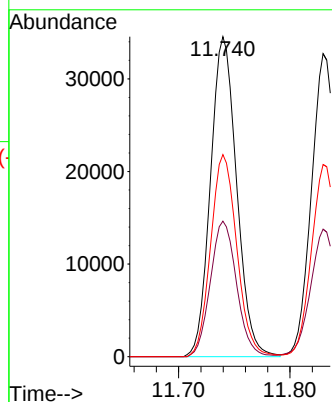
Tgt Ion:146 Resp: 56406

Ion Ratio Lower Upper

146 100

111 42.3 29.6 55.0

148 63.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 5.715 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

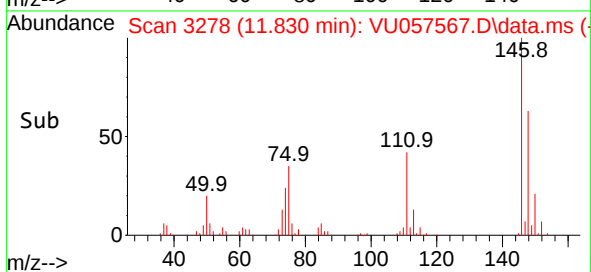
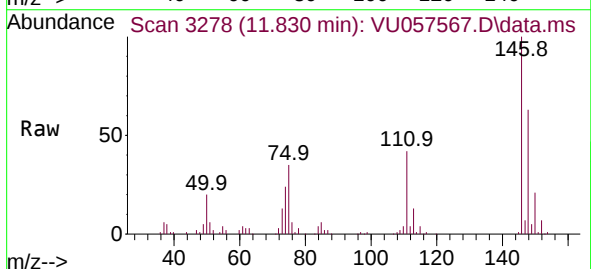
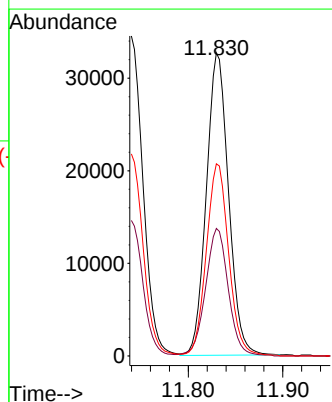
Tgt Ion:146 Resp: 53240

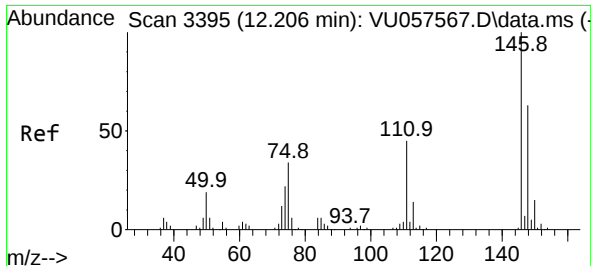
Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.7

148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.833 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :

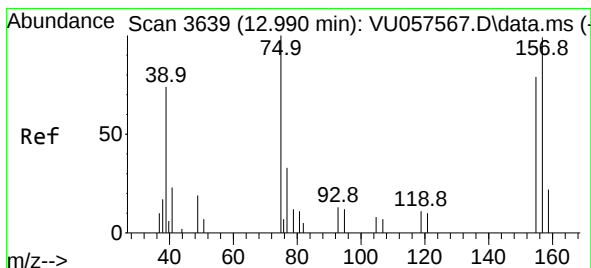
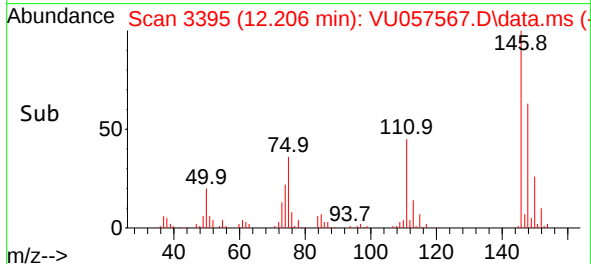
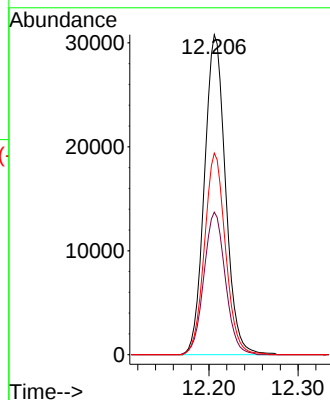
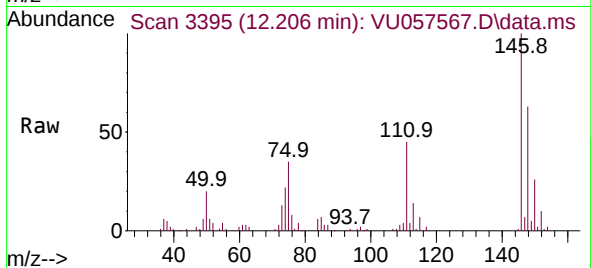
Tgt Ion:146 Resp: 50553

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.579 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

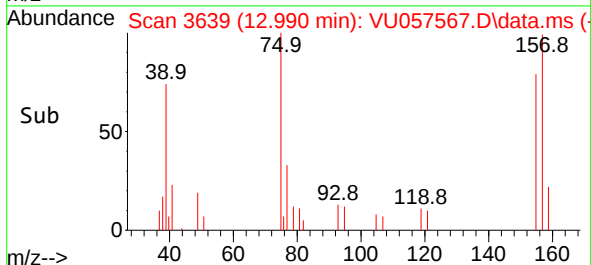
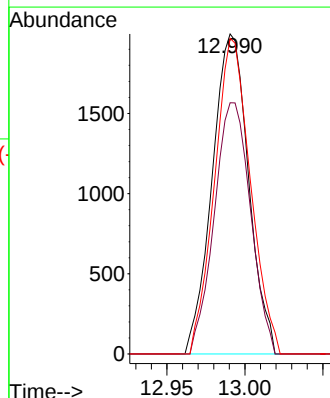
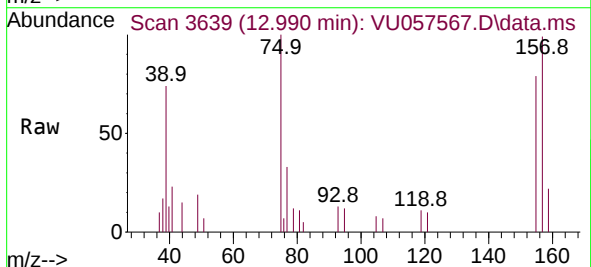
Tgt Ion: 75 Resp: 3231

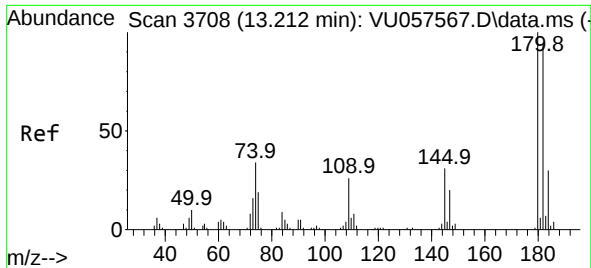
Ion Ratio Lower Upper

75 100

155 78.5 62.8 94.2

157 98.6 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 6.539 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

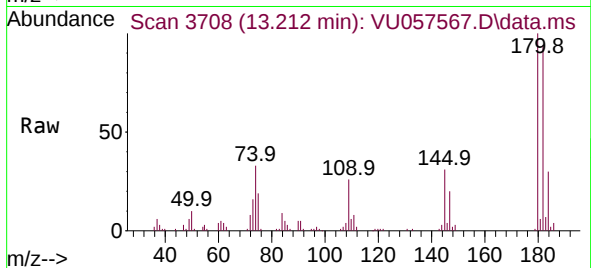
Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 42565

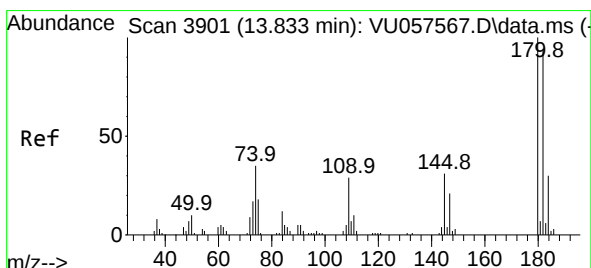
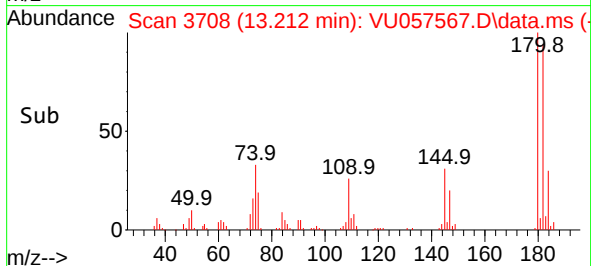
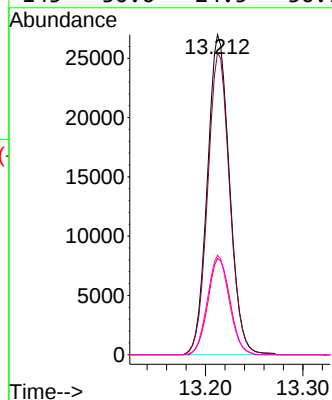
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 30.1 24.1 36.1

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 6.836 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057567.D

Acq: 23 Jan 2024 13:04

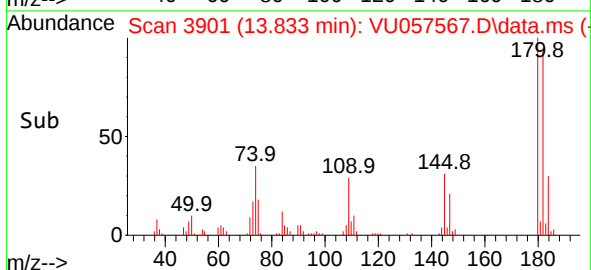
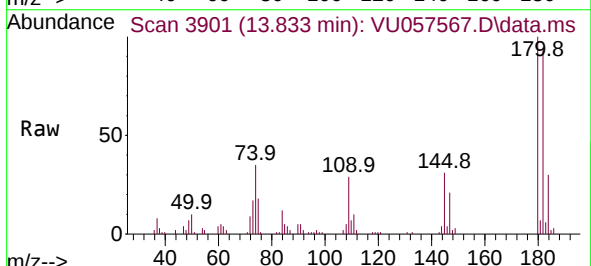
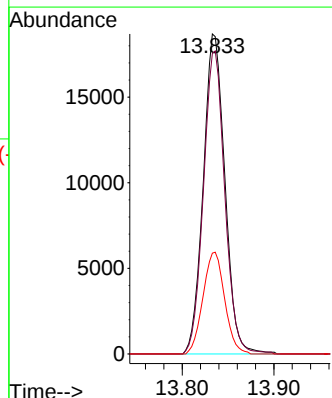
Tgt Ion:180 Resp: 30612

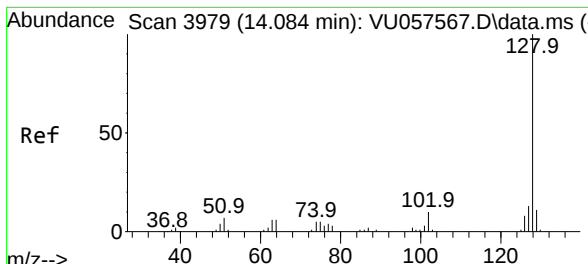
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

145 31.8 25.4 38.2

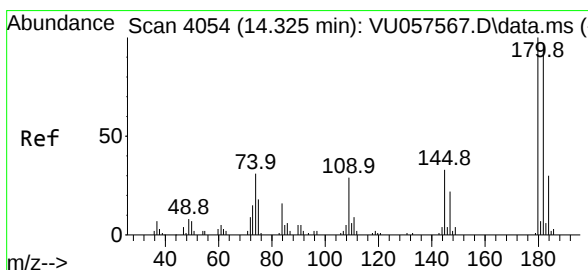
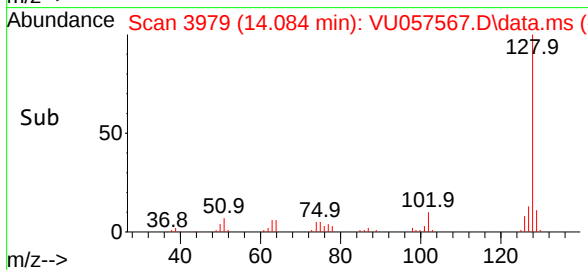
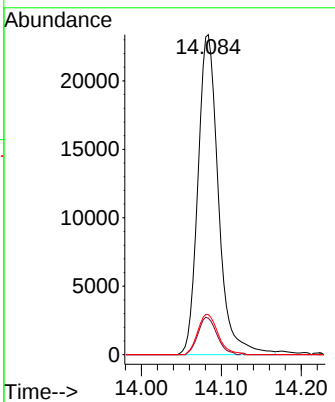
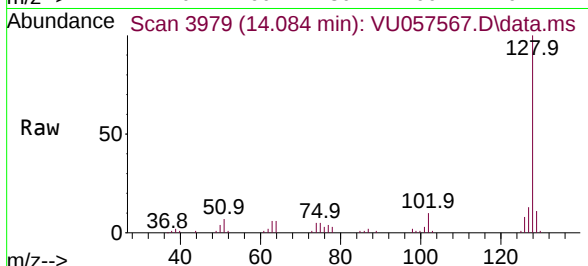




#71
Naphthalene
Concen: 6.523 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	41740
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	13.0
127	12.5	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.333 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057567.D
Acq: 23 Jan 2024 13:04

Tgt Ion:	180	Resp:	23265
Ion Ratio	Lower	Upper	
180	100		
182	97.6	78.1	117.1
145	33.4	26.7	40.1

