

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061639.D
 Acq On : 13 Nov 2024 21:21
 Operator : MD/SY
 Sample : P4747-17MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 01:34:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:27:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	179914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38085	3.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.911	69	44968	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.560	65	18495	3.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.624	46	112073	45.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.840%
24) Chloroform-d	5.052	84	99876	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.692	65	48883	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.718	84	193185	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	60658	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	179285	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.171	79	17724	3.511	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.624	63	100229	50.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50050	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	60776	4.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	39519	2.955	ug/L	99
3) Chloromethane	1.518	50	46300	3.817	ug/L	99
5) Vinyl chloride	1.602	62	51136	3.820	ug/L #	61
6) Bromomethane	1.856	94	29698	3.718	ug/L	99
8) Chloroethane	1.930	64	45522	4.902	ug/L	95
9) Trichlorofluoromethane	2.133	101	74580	3.790	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42571	3.659	ug/L	99
12) 1,1-Dichloroethene	2.573	96	42533	3.916	ug/L	99
13) Acetone	2.637	43	82492	53.068	ug/L	97
14) Carbon disulfide	2.788	76	111144	3.186	ug/L	100
15) Methyl Acetate	2.956	43	6493	1.672	ug/L	98
16) Methylene chloride	3.039	84	54955	4.391	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	125066	4.698	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	47466	3.984	ug/L	98
19) 1,1-Dichloroethane	3.859	63	103291	4.756	ug/L	99
21) 2-Butanone	4.702	43	118044	46.497	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	67929	5.056	ug/L	99
23) Bromochloromethane	4.965	128	26426	4.429	ug/L	97
25) Chloroform	5.078	83	104969	4.585	ug/L	96

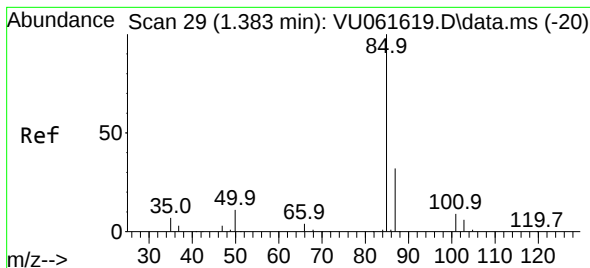
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64773	4.509	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84584	4.425	ug/L	99
30) Cyclohexane	5.380	56	66028	3.458	ug/L	99
31) Carbon tetrachloride	5.515	117	67156	4.125	ug/L	98
33) Benzene	5.766	78	228017	4.485	ug/L	100
34) Trichloroethene	6.534	95	60383	4.399	ug/L	99
35) Methylcyclohexane	6.753	83	63027	3.044	ug/L	99
37) 1,2-Dichloropropane	6.782	63	58757	4.555	ug/L	100
38) Bromodichloromethane	7.097	83	71946	4.649	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	71780	3.910	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	298917	48.334	ug/L	99
42) Toluene	7.962	91	236733	4.325	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	56515	3.881	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	44877	4.773	ug/L	98
47) Tetrachloroethene	8.544	164	39536	3.833	ug/L	96
48) 2-Hexanone	8.676	43	217281	49.137	ug/L	99
49) Dibromochloromethane	8.801	129	46413	4.708	ug/L	96
50) 1,2-Dibromoethane	8.914	107	41521	4.682	ug/L	96
51) Chlorobenzene	9.438	112	156618	4.445	ug/L	99
52) Ethylbenzene	9.560	91	249507	4.279	ug/L	98
53) m,p-Xylene	9.685	106	92983	4.168	ug/L	100
54) o-Xylene	10.090	106	96082	4.431	ug/L	100
55) Styrene	10.106	104	98415	2.850	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	54711	4.781	ug/L	95
59) Bromoform	10.283	173	24637	4.611	ug/L	100
60) Isopropylbenzene	10.476	105	244641	4.370	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37114	4.881	ug/L	98
62) 1,3,5-Trimethylbenzene	11.078	105	188827	4.213	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	187770	4.304	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	114122	4.445	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	112205	4.304	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	109171	4.573	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	6843	5.154	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	75326	4.203	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	60781	4.375	ug/L	99
71) Naphthalene	14.081	128	95552	4.791	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	54706	4.691	ug/L	98

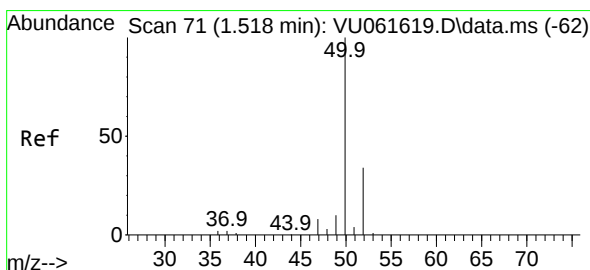
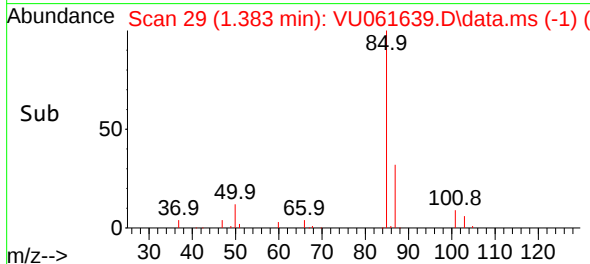
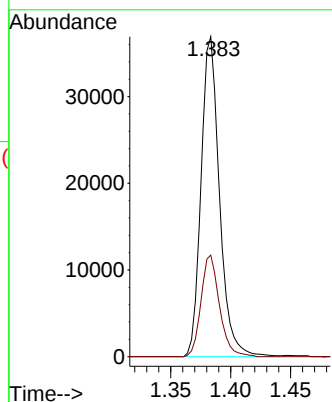
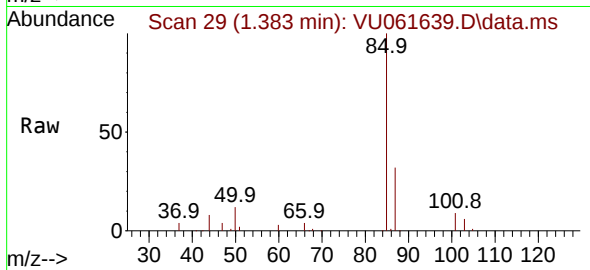
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#2
 Dichlorodifluoromethane
 Concen: 2.955 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

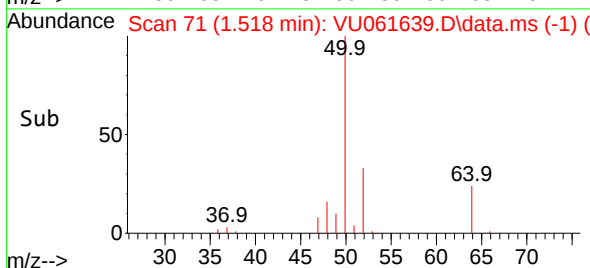
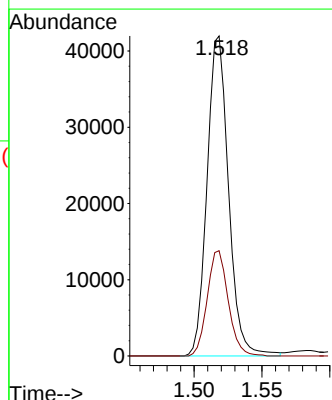
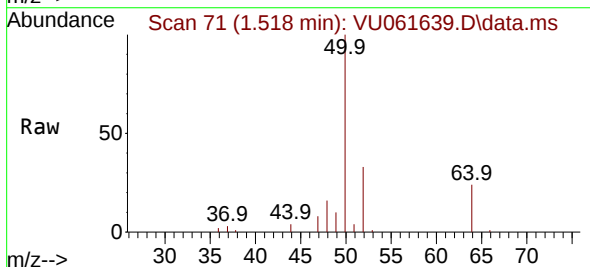
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 MSVOA_U
 ClientSampleId :

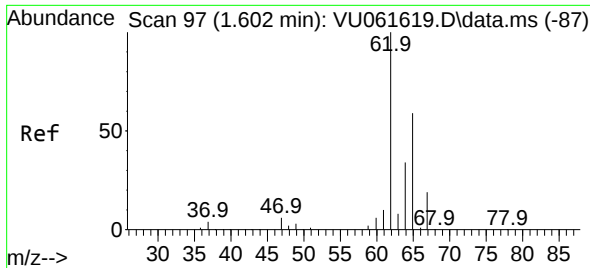
Tgt Ion: 85 Resp: 39519
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.0 39.0



#3
 Chloromethane
 Concen: 3.817 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

Tgt Ion: 50 Resp: 46300
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

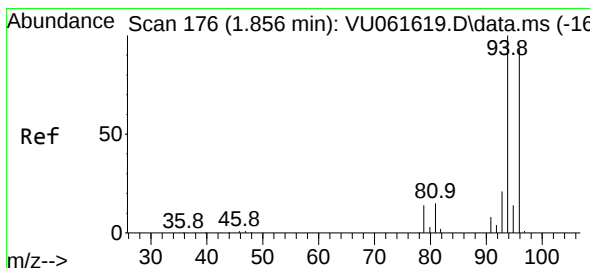
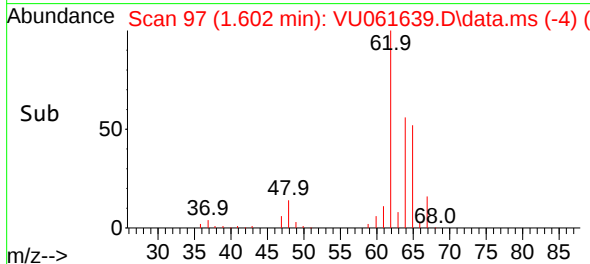
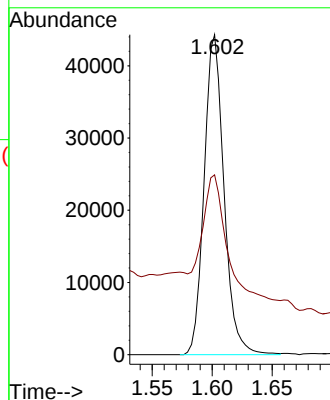
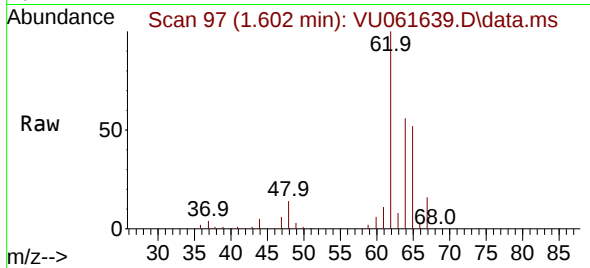




#5
 Vinyl chloride
 Concen: 3.820 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

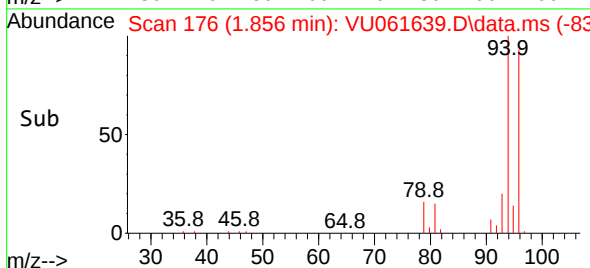
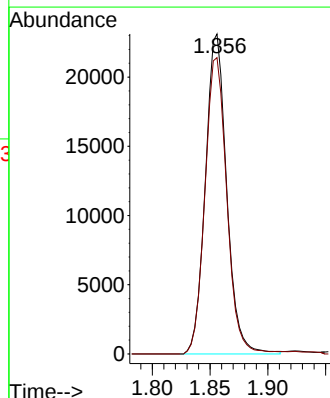
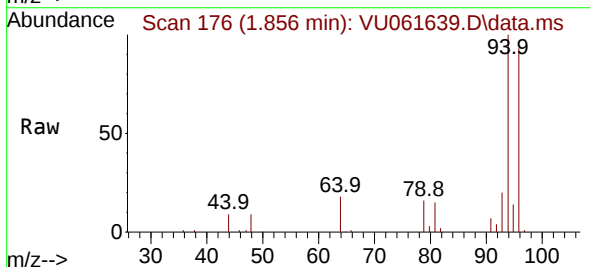
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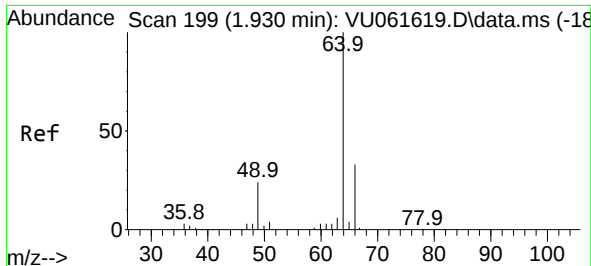
Tgt Ion: 62 Resp: 51136
 Ion Ratio Lower Upper
 62 100
 64 56.2 23.7 44.1#



#6
 Bromomethane
 Concen: 3.718 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

Tgt Ion: 94 Resp: 29698
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.7 121.9

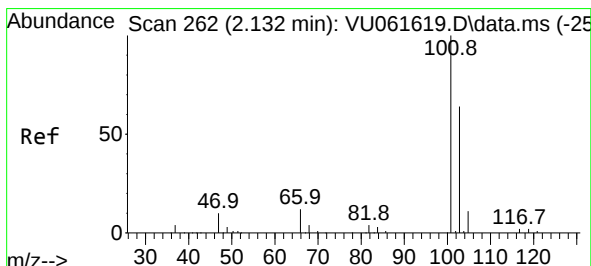
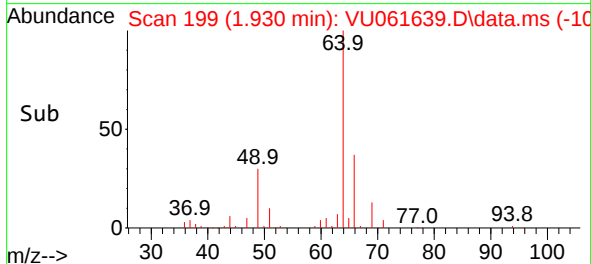
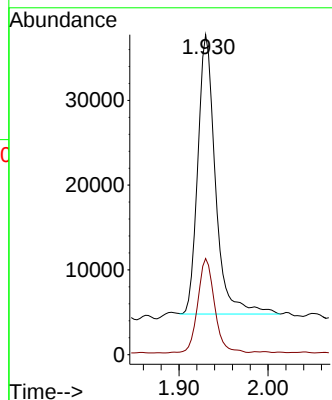
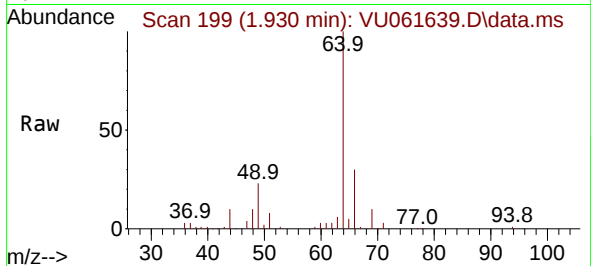




#8
Chloroethane
Concen: 4.902 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

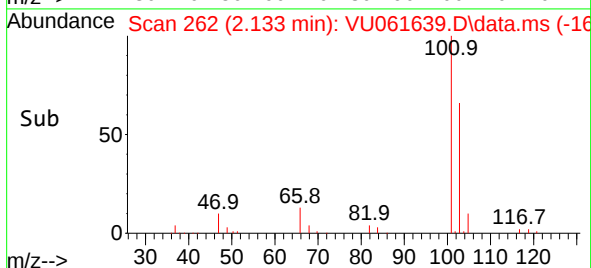
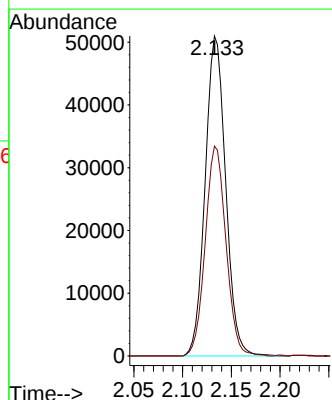
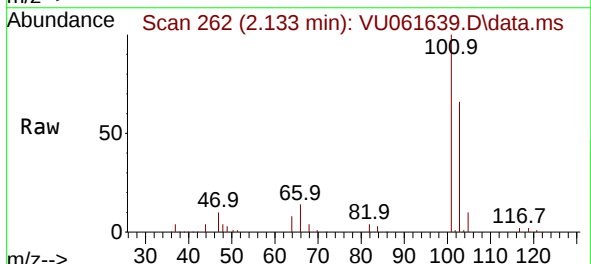
Instrument :
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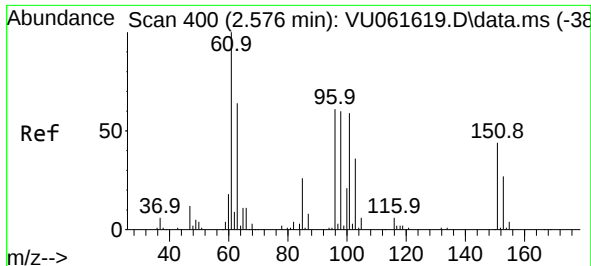
Tgt Ion: 64 Resp: 45522
Ion Ratio Lower Upper
64 100
66 30.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 3.790 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion:101 Resp: 74580
Ion Ratio Lower Upper
101 100
103 66.3 52.2 78.2

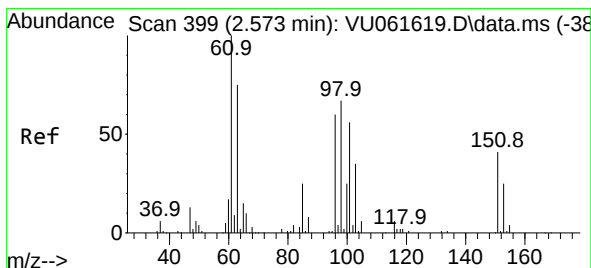
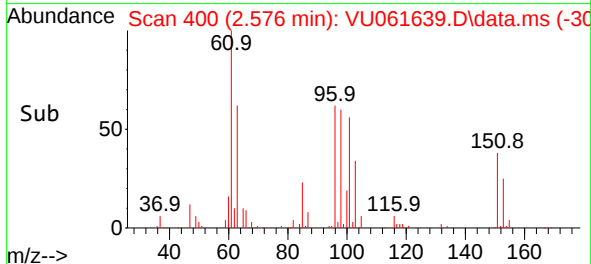
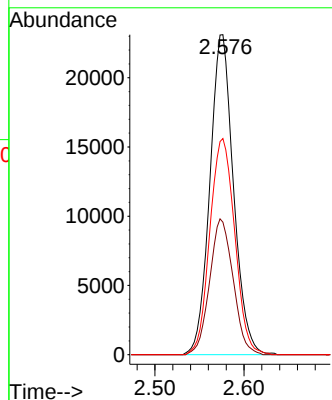
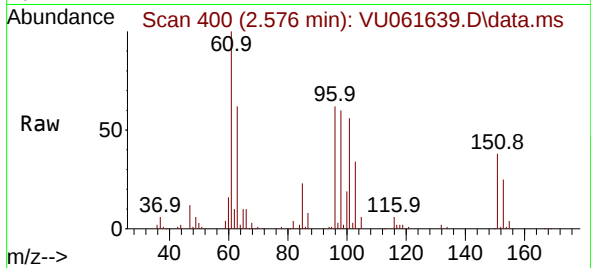




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.659 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

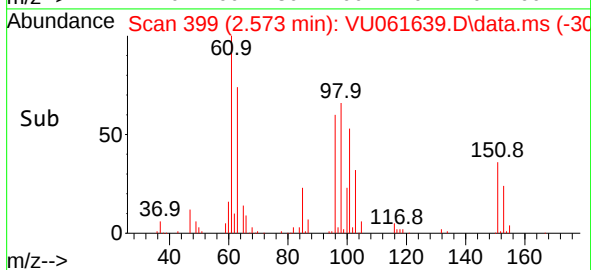
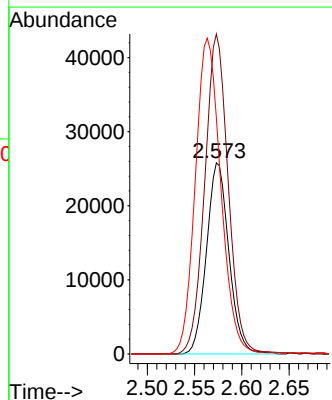
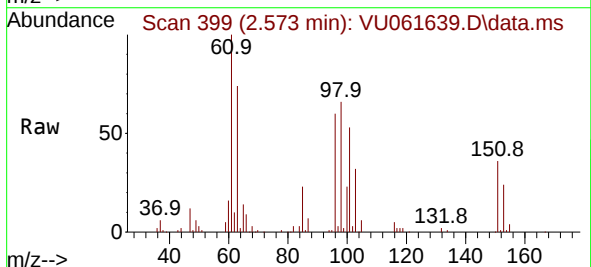
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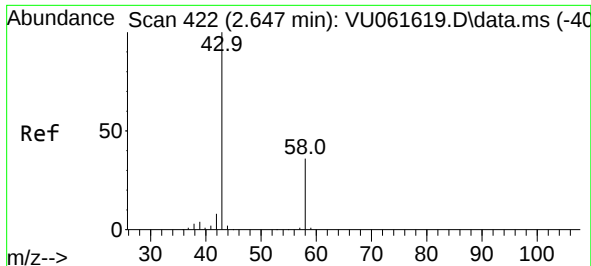
Tgt Ion:101 Resp: 42571
Ion Ratio Lower Upper
101 100
85 42.2 35.1 52.7
151 71.2 56.9 85.3



#12
1,1-Dichloroethene
Concen: 3.916 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 96 Resp: 42533
Ion Ratio Lower Upper
96 100
61 167.5 116.8 217.0
63 123.7 86.1 159.9





#13

Acetone

Concen: 53.068 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.010 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

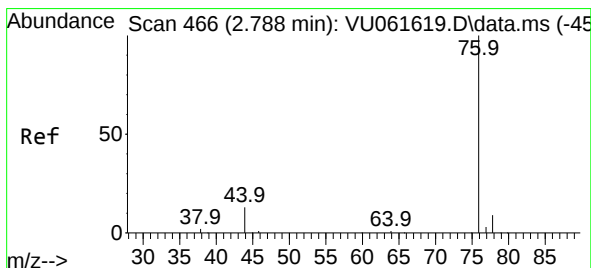
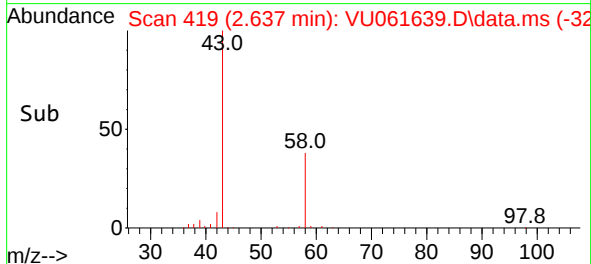
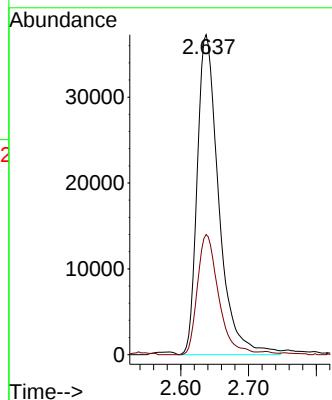
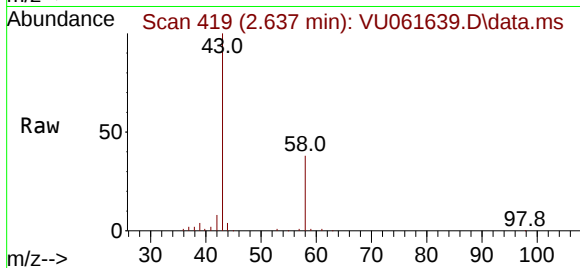
ClientSampleId :

Tgt Ion: 43 Resp: 82492

Ion Ratio Lower Upper

43 100

58 36.8 0.0 69.8



#14

Carbon disulfide

Concen: 3.186 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061639.D

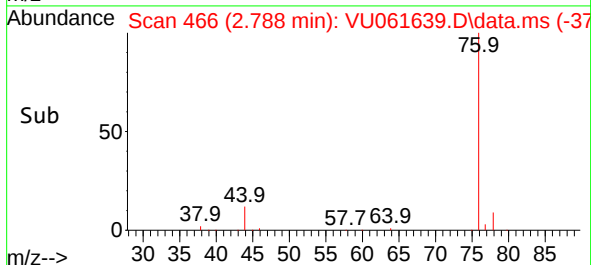
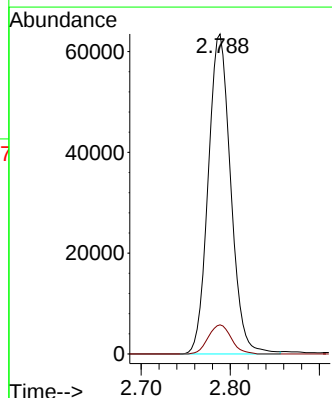
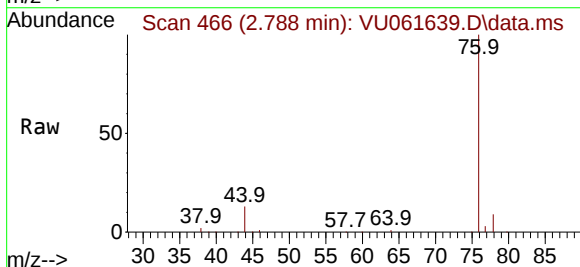
Acq: 13 Nov 2024 21:21

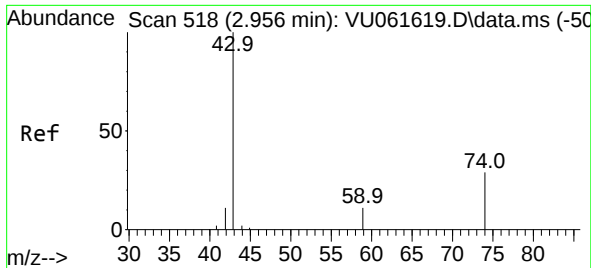
Tgt Ion: 76 Resp: 111144

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

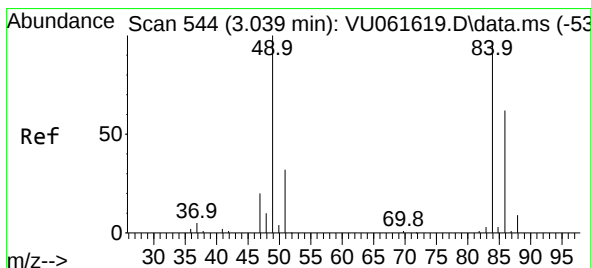
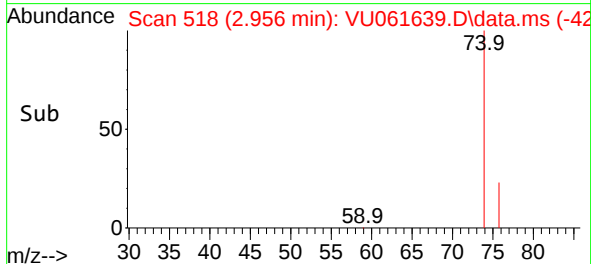
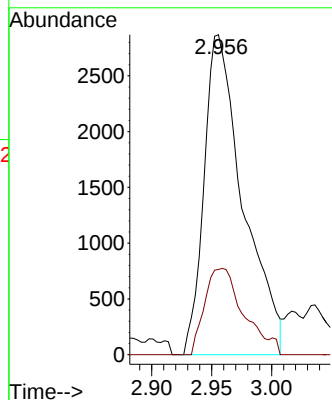
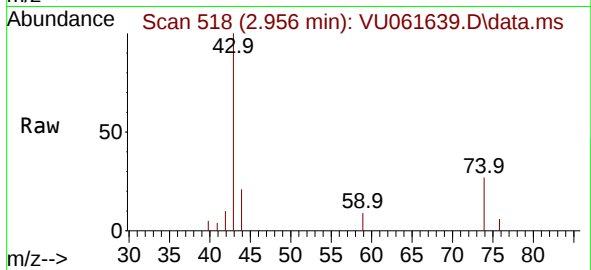




#15
Methyl Acetate
Concen: 1.672 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

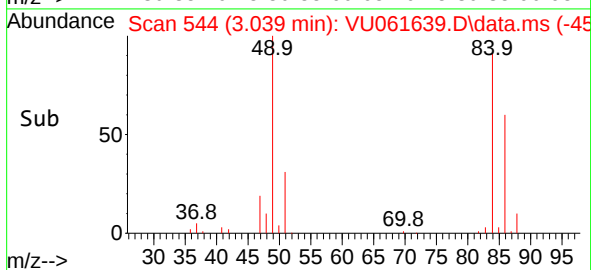
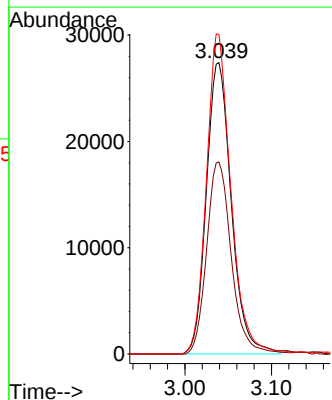
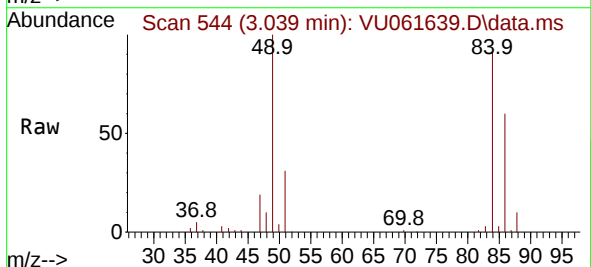
Instrument :
MSVOA_U
ClientSampleId :

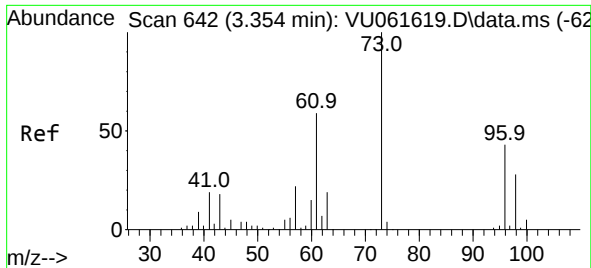
Tgt Ion: 43 Resp: 6493
Ion Ratio Lower Upper
43 100
74 27.1 22.5 33.7



#16
Methylene chloride
Concen: 4.391 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 84 Resp: 54955
Ion Ratio Lower Upper
84 100
86 65.9 45.1 83.7
49 109.7 76.3 141.7

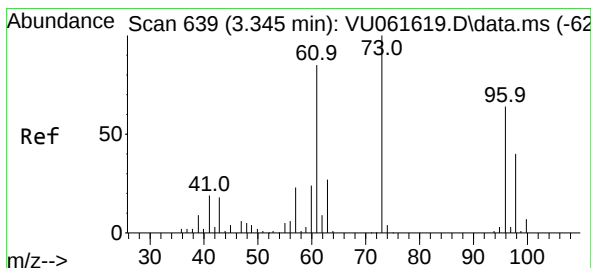
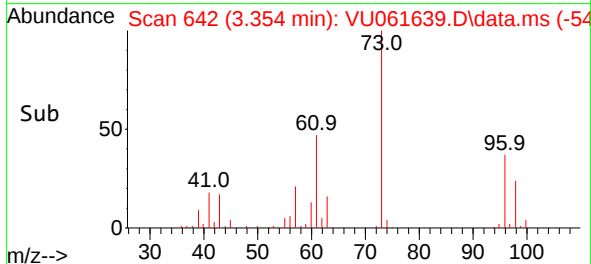
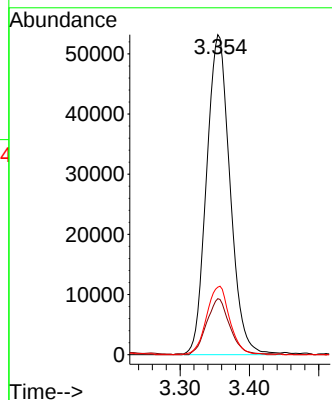
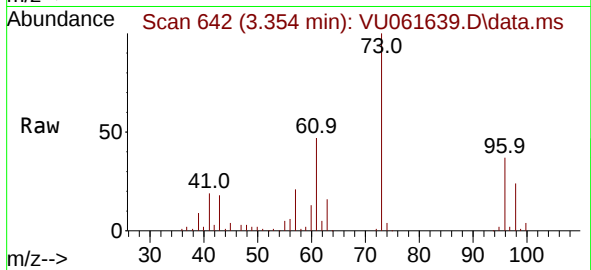




#17
Methyl tert-butyl Ether
Concen: 4.698 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

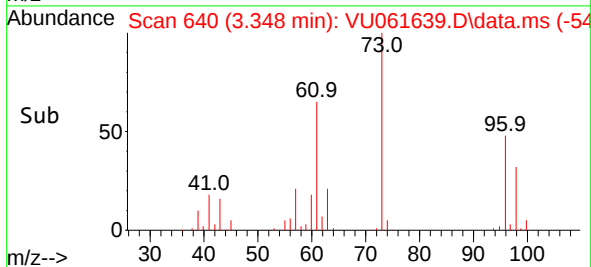
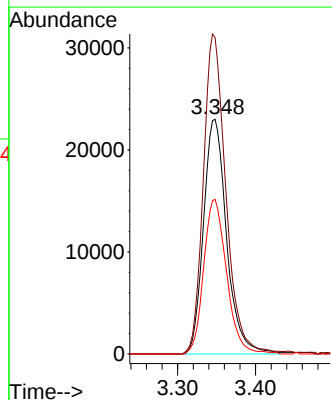
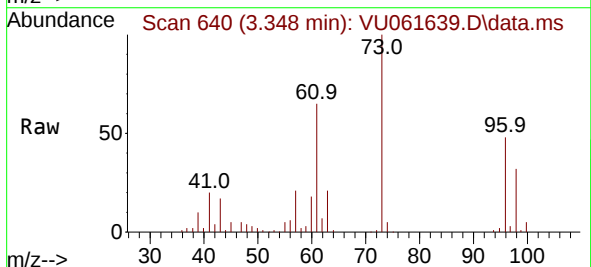
Instrument :
MSVOA_U
ClientSampleId :

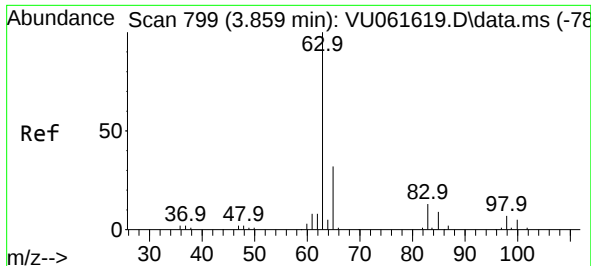
Tgt Ion: 73 Resp: 125066
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 3.984 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 96 Resp: 47466
Ion Ratio Lower Upper
96 100
61 134.7 94.1 174.8
98 65.8 43.2 80.2

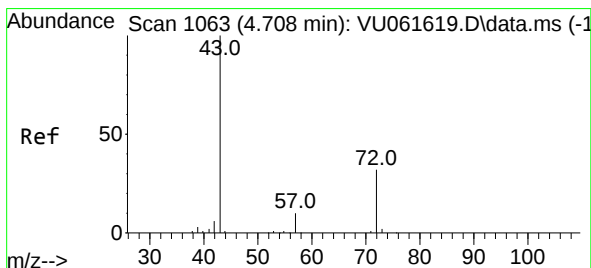
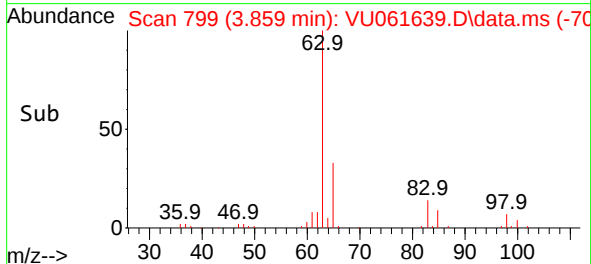
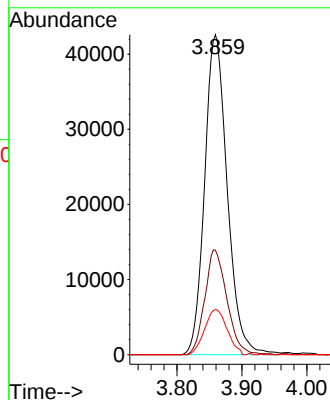
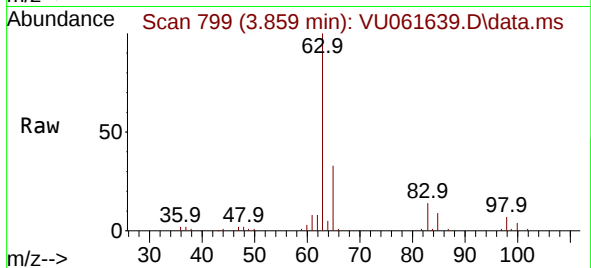




#19
1,1-Dichloroethane
Concen: 4.756 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

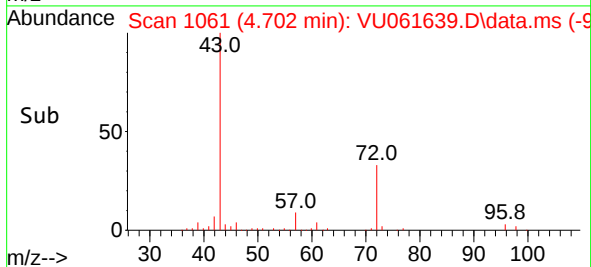
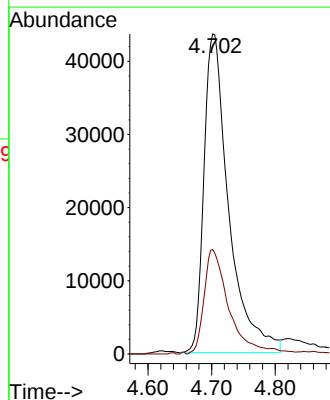
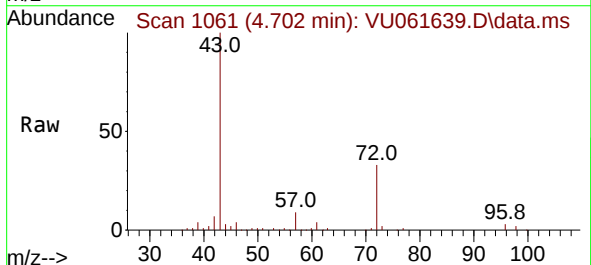
Instrument :
MSVOA_U
ClientSampleId :

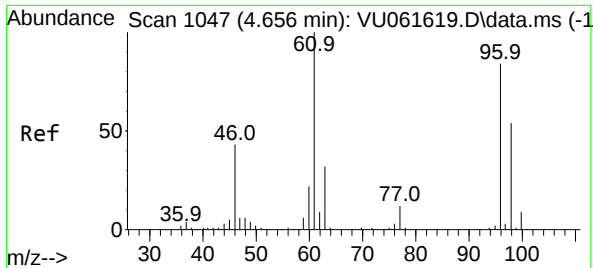
Tgt Ion: 63 Resp: 103291
Ion Ratio Lower Upper
63 100
65 32.7 23.4 43.4
83 14.1 9.6 17.8



#21
2-Butanone
Concen: 46.497 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 43 Resp: 118044
Ion Ratio Lower Upper
43 100
72 32.1 15.8 47.3

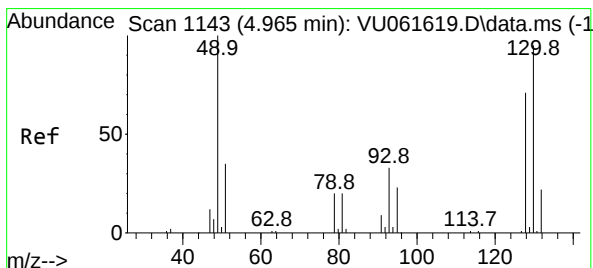
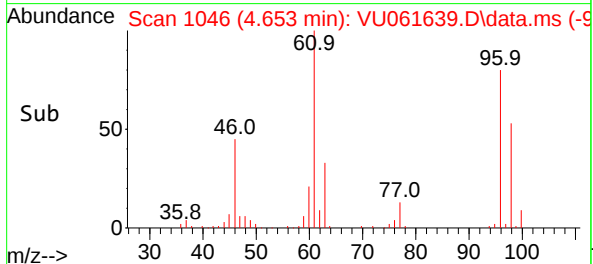
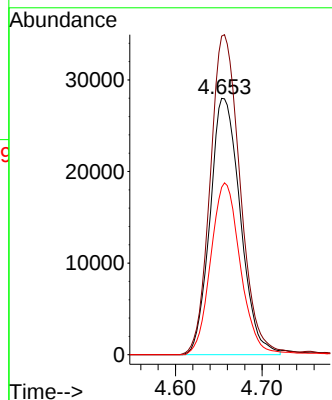
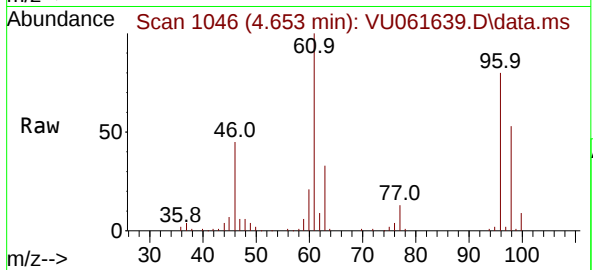




#22
 cis-1,2-Dichloroethene
 Concen: 5.056 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

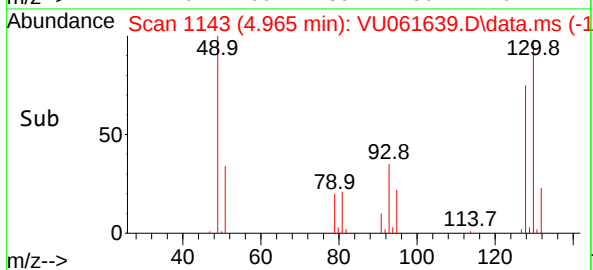
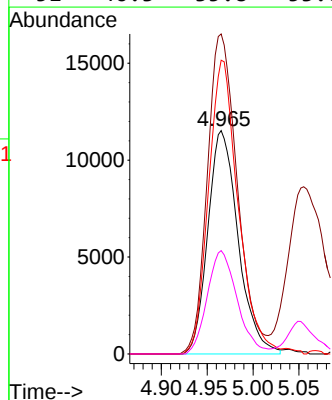
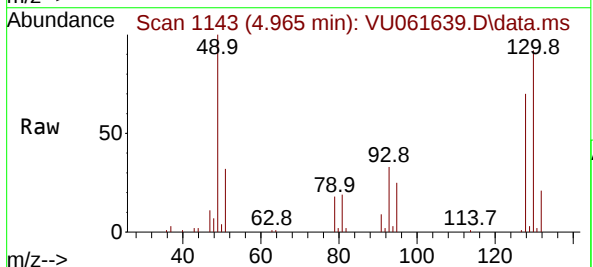
Instrument :
 MSVOA_U
 ClientSampleId :

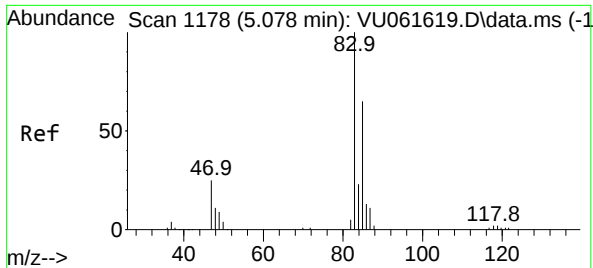
Tgt Ion: 96 Resp: 67929
 Ion Ratio Lower Upper
 96 100
 61 124.3 85.6 159.0
 98 65.3 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.429 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

Tgt Ion: 128 Resp: 26426
 Ion Ratio Lower Upper
 128 100
 49 143.3 99.1 184.1
 130 131.5 88.6 164.6
 51 46.3 35.8 53.6





#25

Chloroform

Concen: 4.585 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

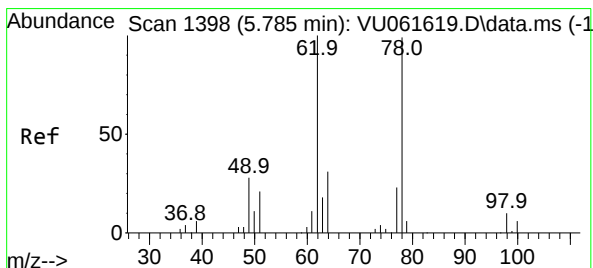
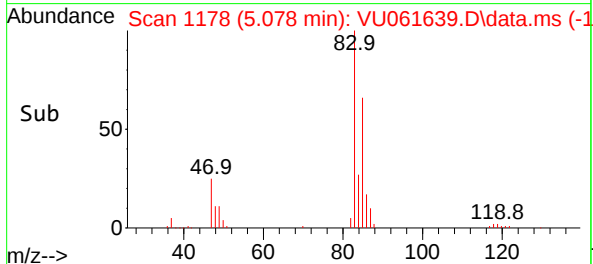
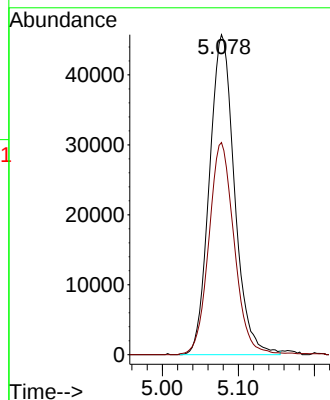
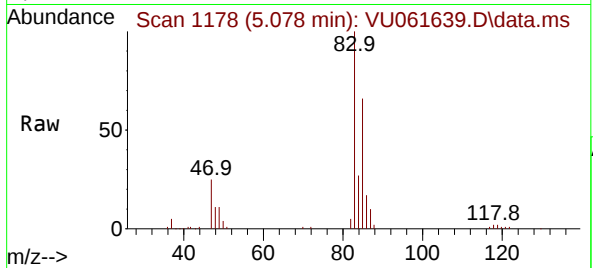
ClientSampleId :

Tgt Ion: 83 Resp: 104969

Ion Ratio Lower Upper

83 100

85 66.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.509 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061639.D

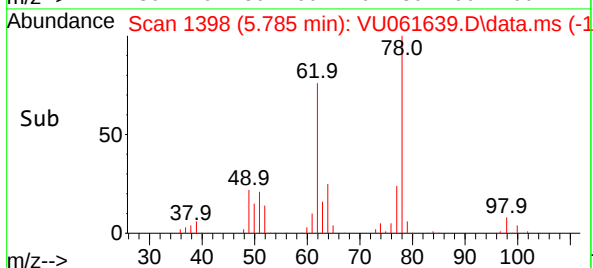
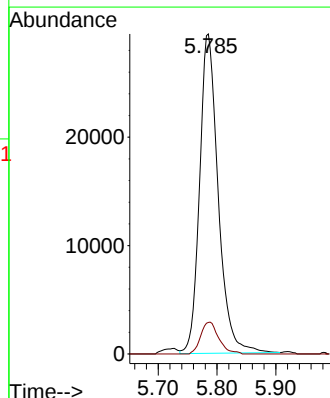
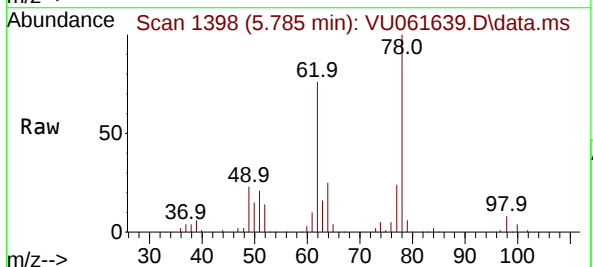
Acq: 13 Nov 2024 21:21

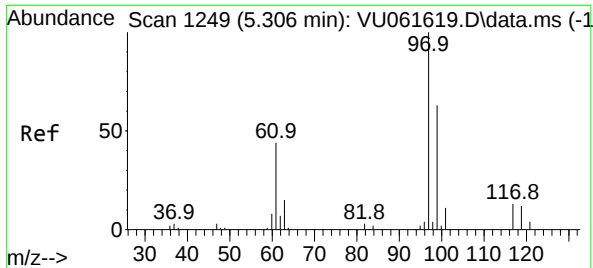
Tgt Ion: 62 Resp: 64773

Ion Ratio Lower Upper

62 100

98 9.9 7.7 11.5

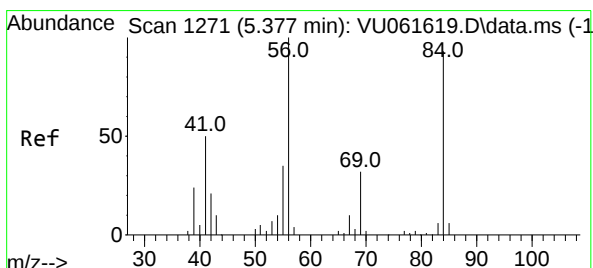
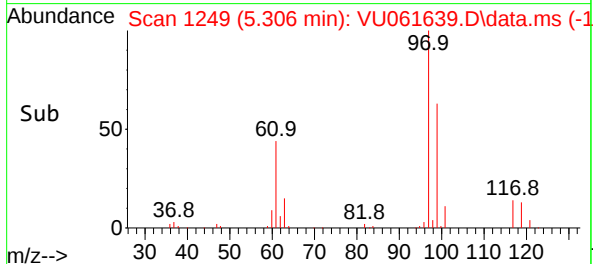
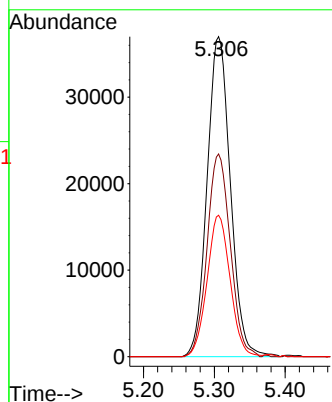
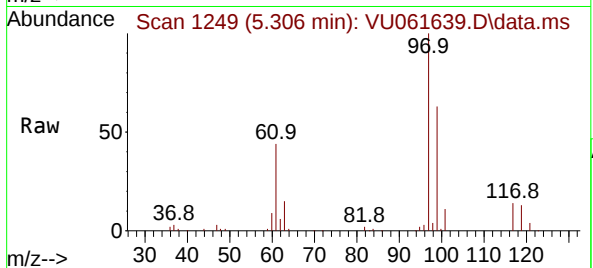




#29
1,1,1-Trichloroethane
Concen: 4.425 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

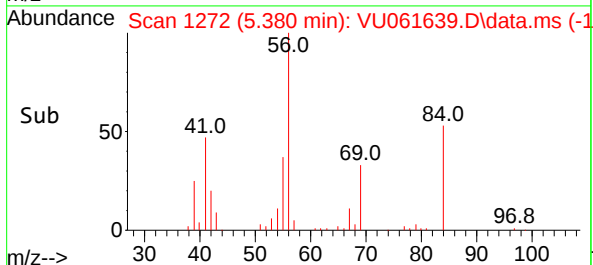
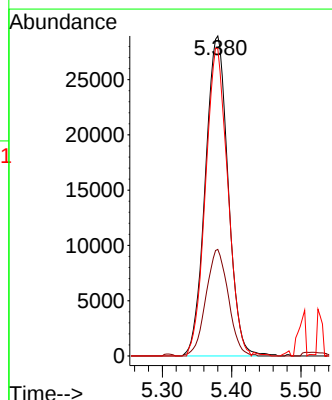
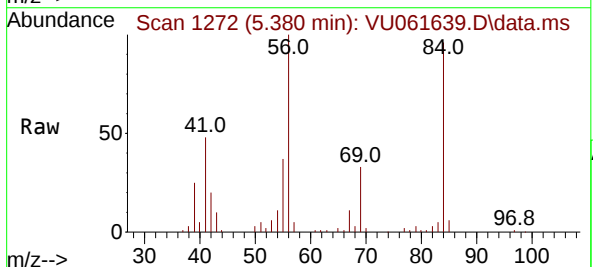
Instrument :
MSVOA_U
ClientSampleId :

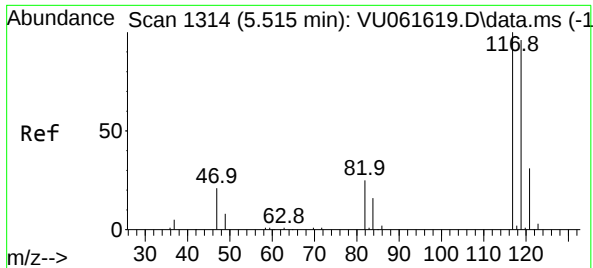
Tgt Ion: 97 Resp: 84584
Ion Ratio Lower Upper
97 100
99 63.1 51.7 77.5
61 43.7 35.4 53.0



#30
Cyclohexane
Concen: 3.458 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 56 Resp: 66028
Ion Ratio Lower Upper
56 100
69 32.8 25.6 38.4
84 93.7 74.3 111.5

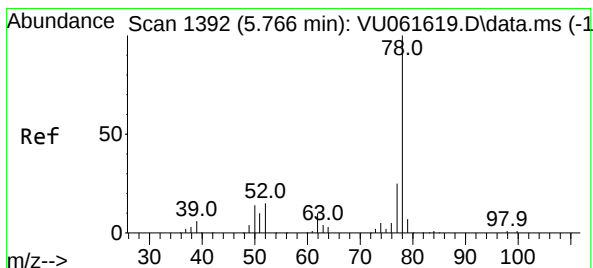
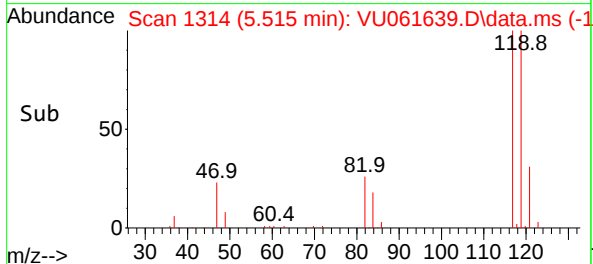
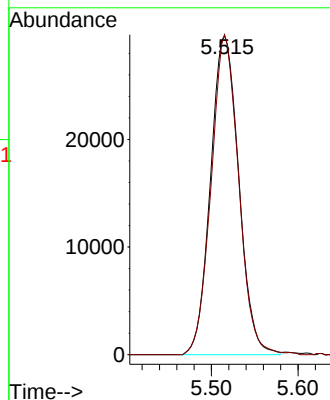
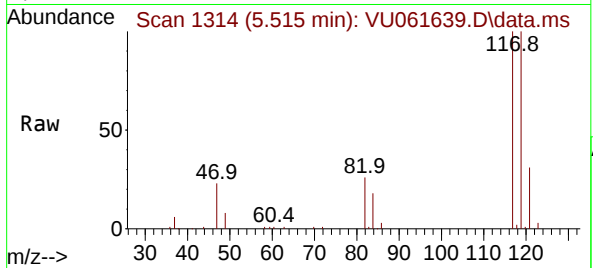




#31
Carbon tetrachloride
Concen: 4.125 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

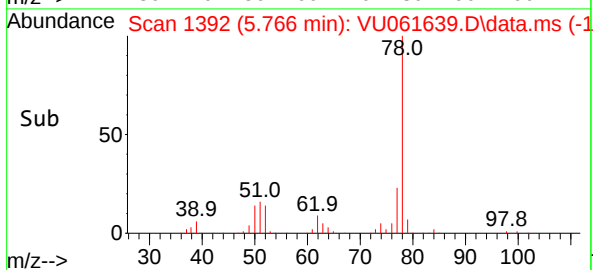
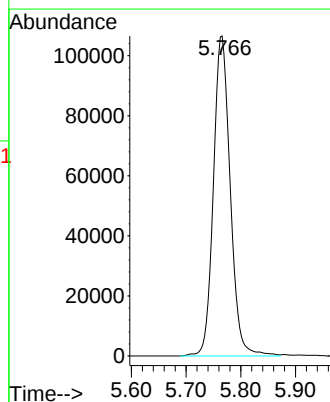
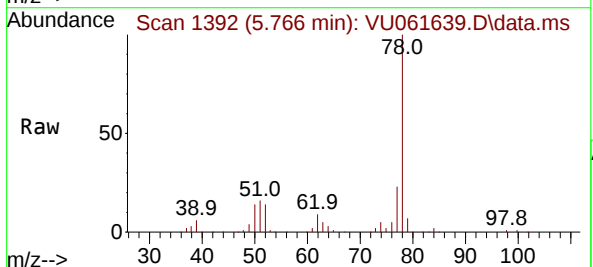
Instrument :
MSVOA_U
ClientSampleId :

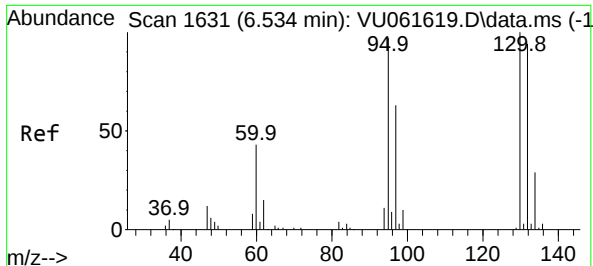
Tgt Ion:117 Resp: 67156
Ion Ratio Lower Upper
117 100
119 97.3 76.6 114.8



#33
Benzene
Concen: 4.485 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 78 Resp: 228017





#34

Trichloroethene

Concen: 4.399 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

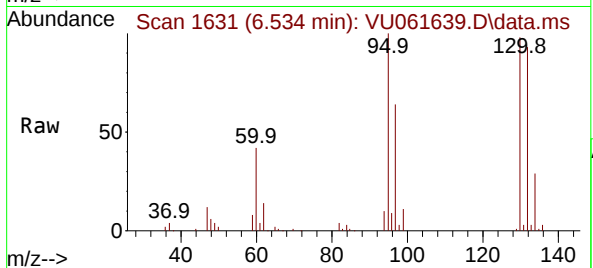
Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 60383

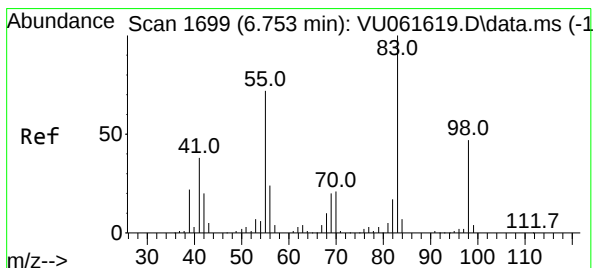
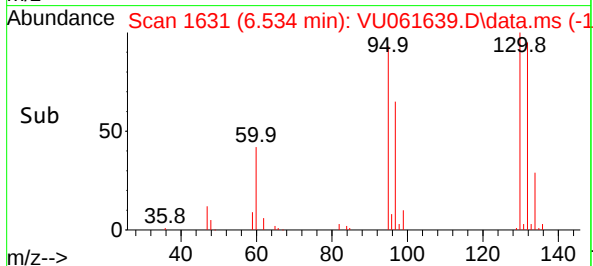
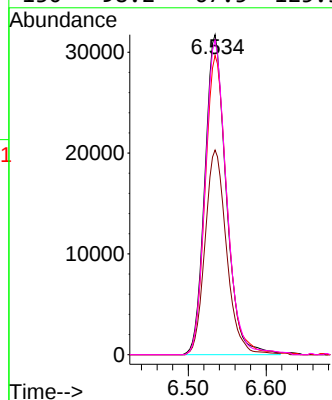
Ion Ratio Lower Upper

95 100

97 64.0 43.5 80.9

132 93.5 65.2 121.0

130 98.2 67.5 125.3



#35

Methylcyclohexane

Concen: 3.044 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

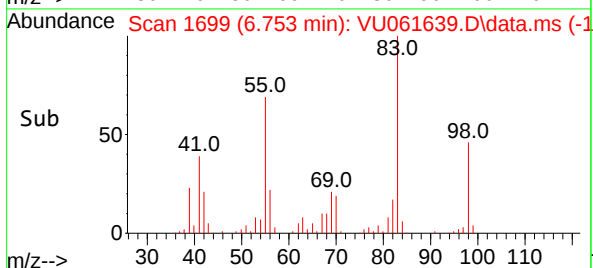
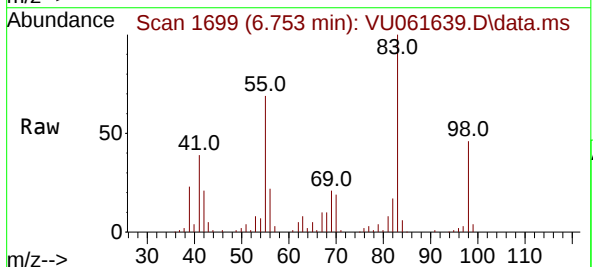
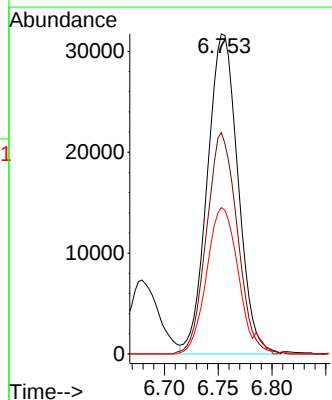
Tgt Ion: 83 Resp: 63027

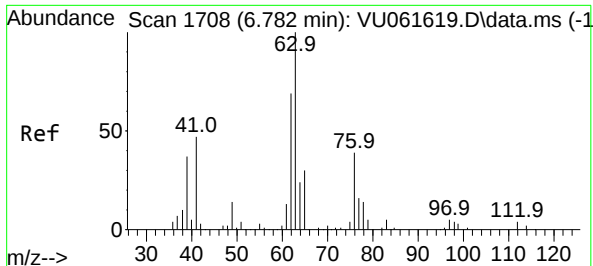
Ion Ratio Lower Upper

83 100

55 69.0 56.4 84.6

98 47.5 37.7 56.5

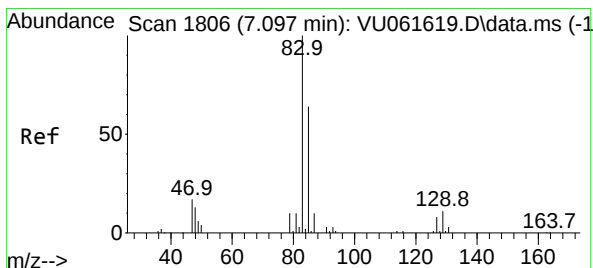
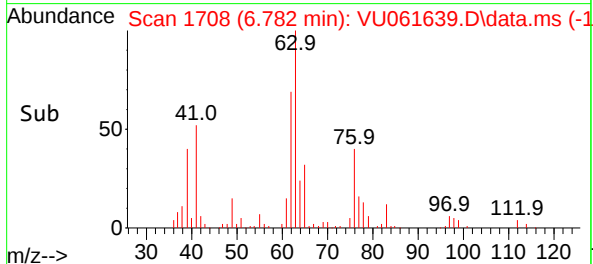
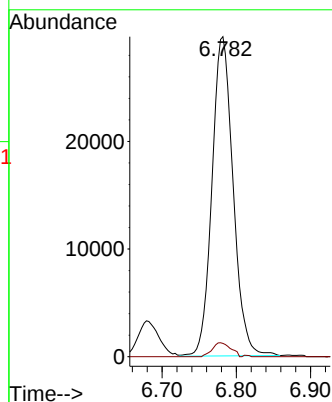
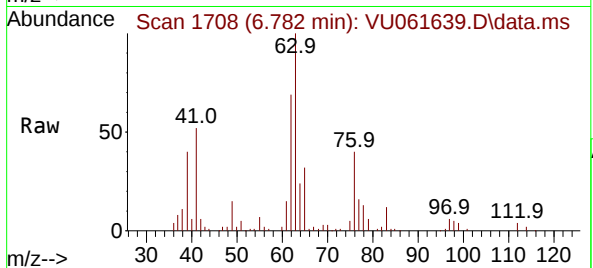




#37
1,2-Dichloropropane
Concen: 4.555 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

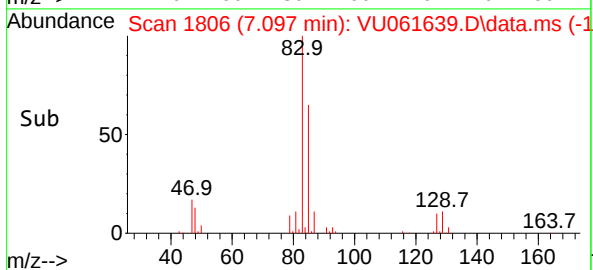
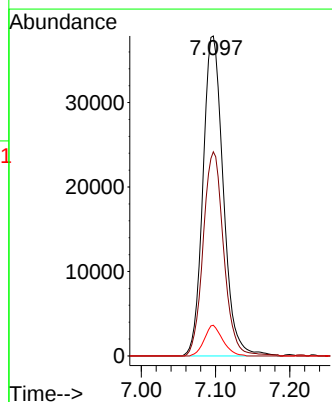
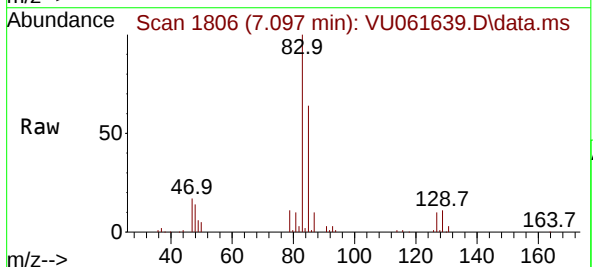
Instrument :
MSVOA_U
ClientSampleId :

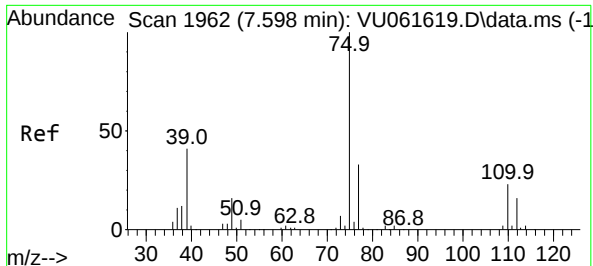
Tgt Ion: 63 Resp: 58757
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 4.649 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion: 83 Resp: 71946
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
127 9.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 3.910 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

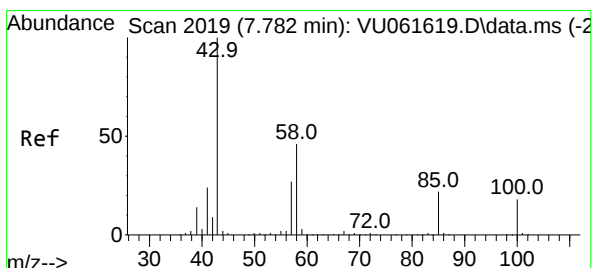
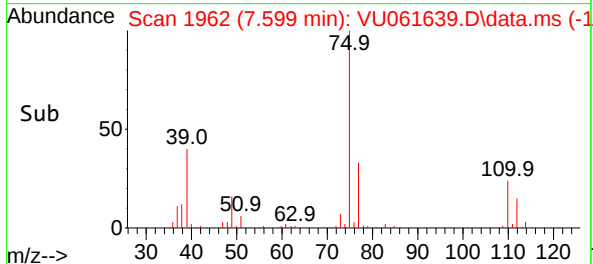
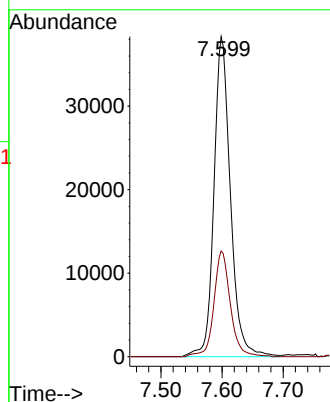
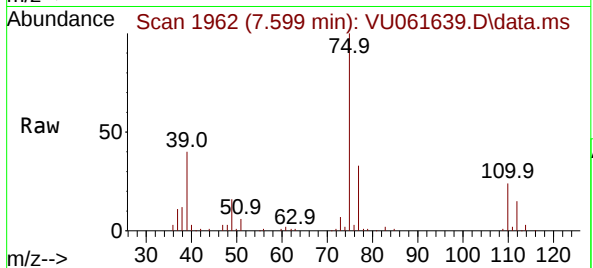
ClientSampleId :

Tgt Ion: 75 Resp: 71780

Ion Ratio Lower Upper

75 100

77 33.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 48.334 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

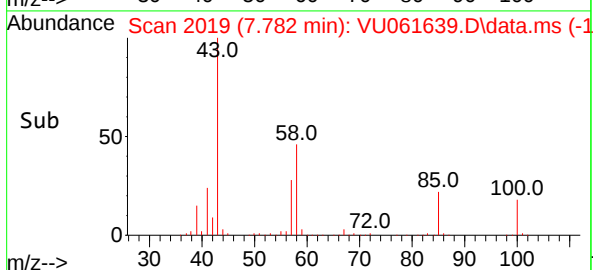
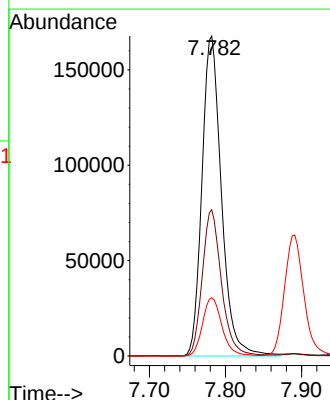
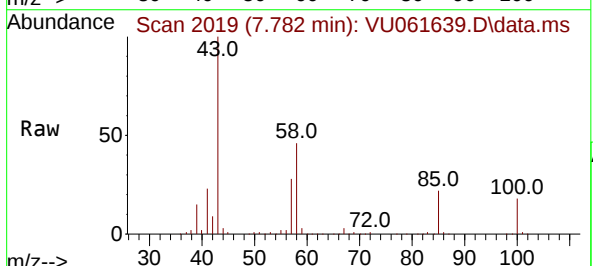
Tgt Ion: 43 Resp: 298917

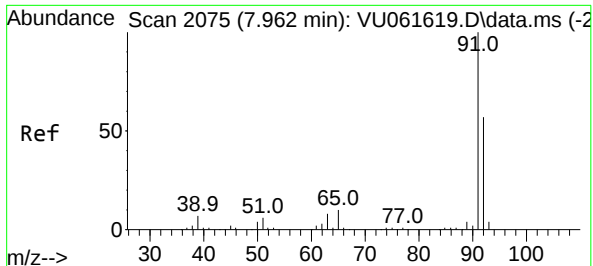
Ion Ratio Lower Upper

43 100

58 45.1 35.7 53.5

100 18.1 14.2 21.2





#42

Toluene

Concen: 4.325 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

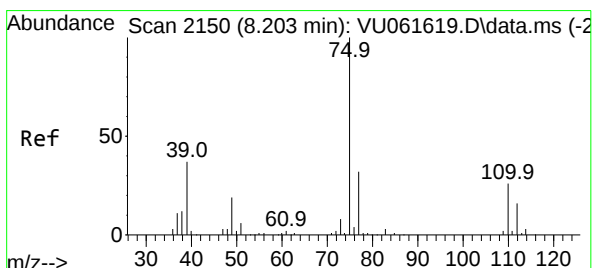
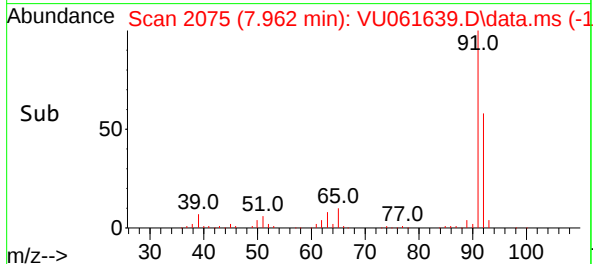
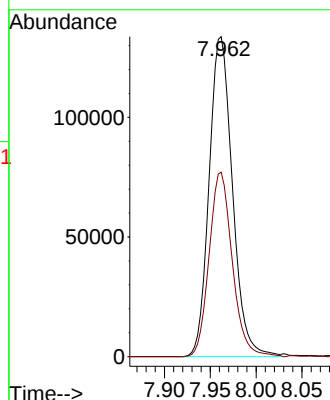
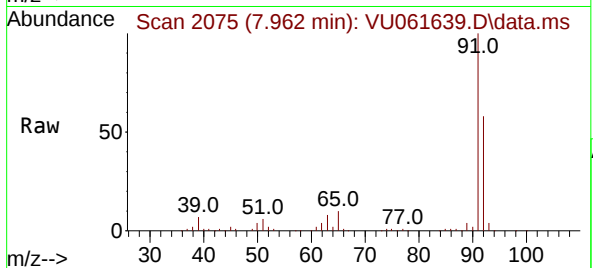
ClientSampleId :

Tgt Ion: 91 Resp: 236733

Ion Ratio Lower Upper

91 100

92 57.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 3.881 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061639.D

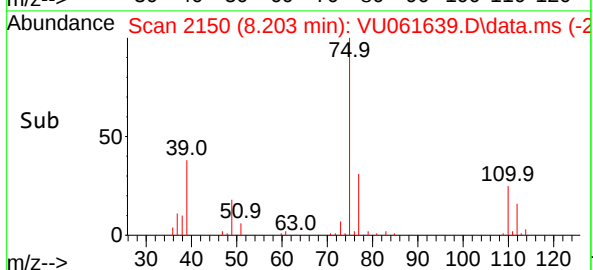
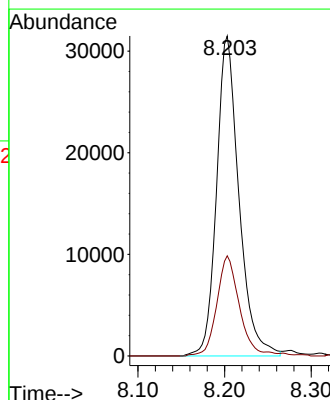
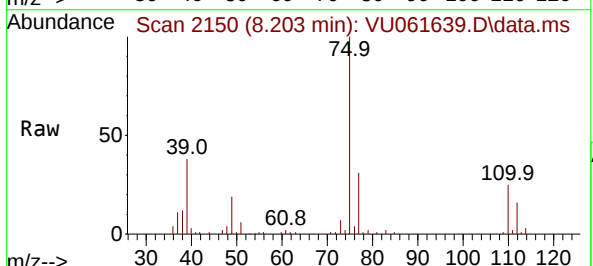
Acq: 13 Nov 2024 21:21

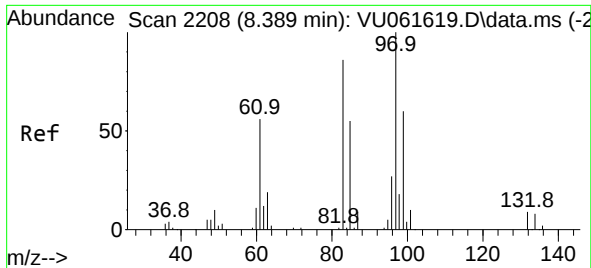
Tgt Ion: 75 Resp: 56515

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3

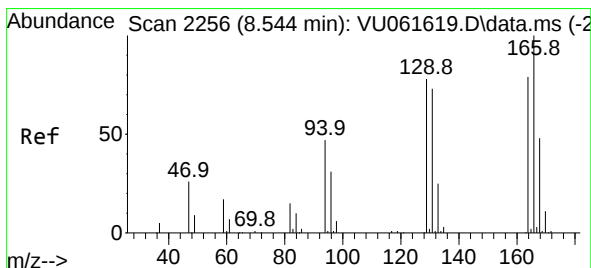
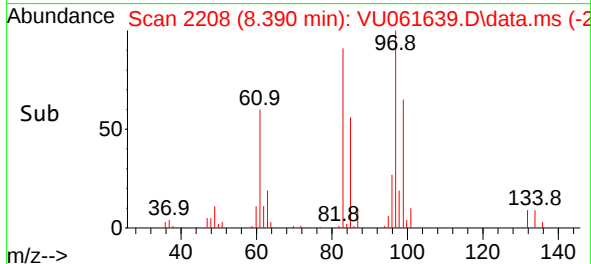
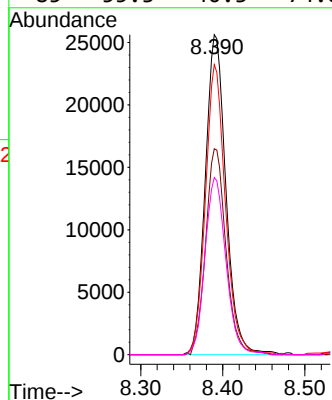
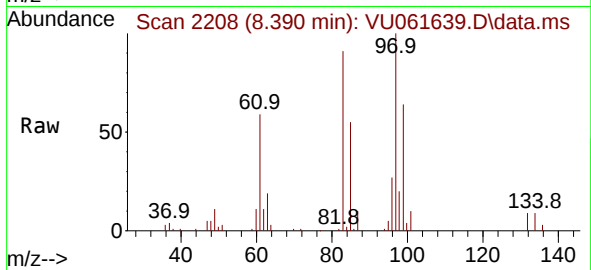




#45
1,1,2-Trichloroethane
Concen: 4.773 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

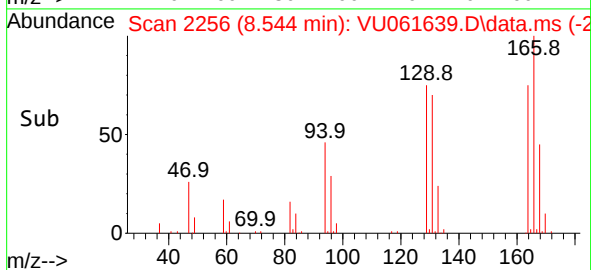
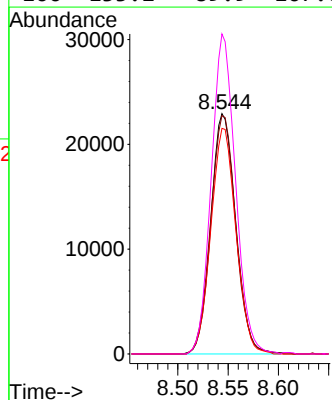
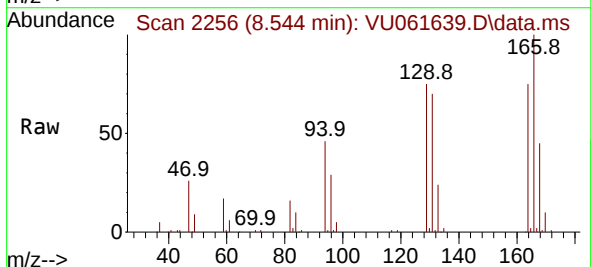
Instrument :
MSVOA_U
ClientSampleId :

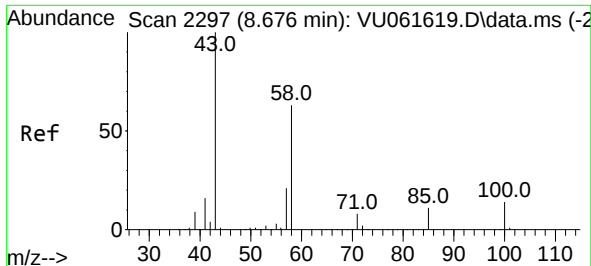
Tgt Ion:	97	Resp:	44877
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.8	81.3
83	90.7	63.2	117.4
85	55.3	40.3	74.8



#47
Tetrachloroethene
Concen: 3.833 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion:	164	Resp:	39536
Ion	Ratio	Lower	Upper
164	100		
129	99.2	71.7	133.3
131	93.9	68.2	126.6
166	133.2	89.9	167.0

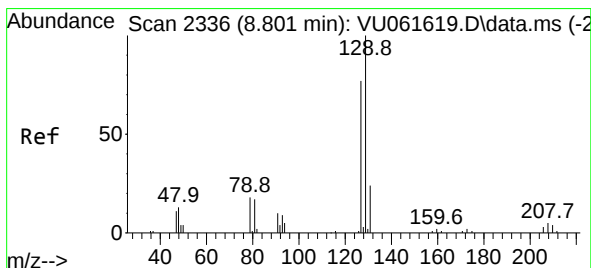
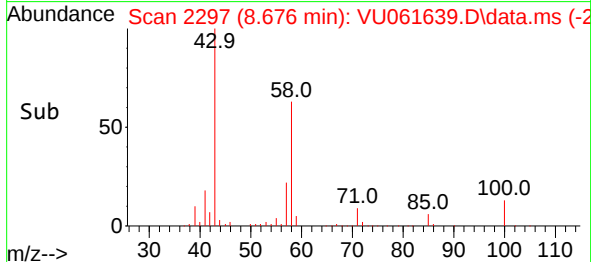
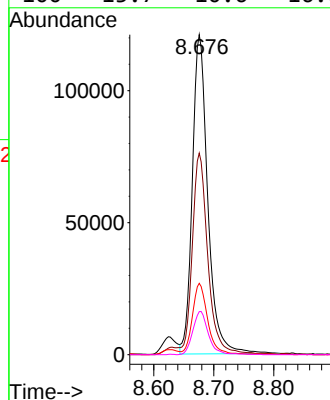
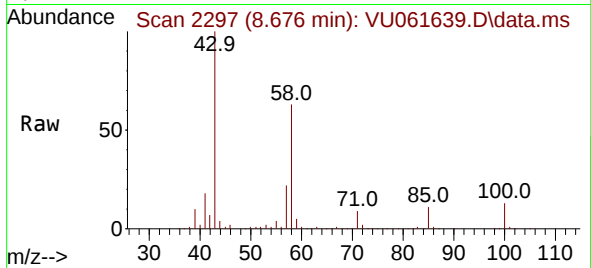




#48
2-Hexanone
Concen: 49.137 ug/L
RT: 8.676 min Scan# 217281
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

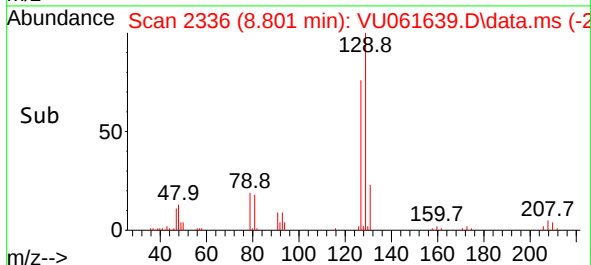
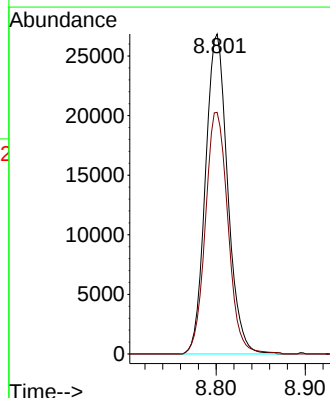
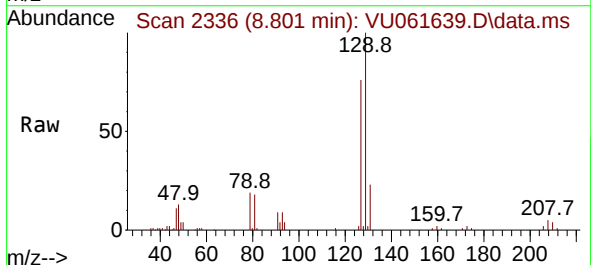
Instrument :
MSVOA_U
ClientSampleId :

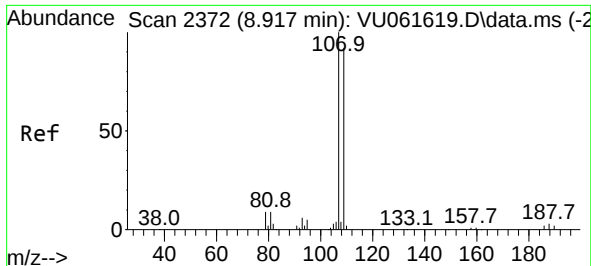
Tgt Ion: 43	Resp: 217281
Ion Ratio	Lower Upper
43 100	
58 62.4	49.4 74.2
57 21.7	16.3 24.5
100 13.7	10.6 16.0



#49
Dibromochloromethane
Concen: 4.708 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

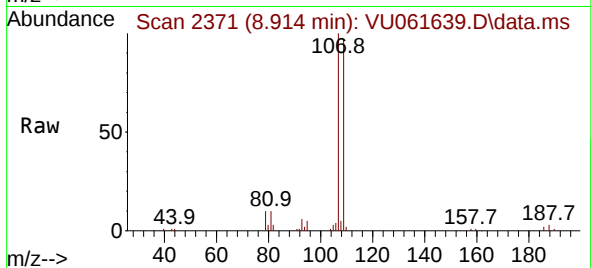
Tgt Ion:129	Resp:	46413	
Ion	Ratio	Lower	Upper
129	100		
127	75.5	55.1	102.3



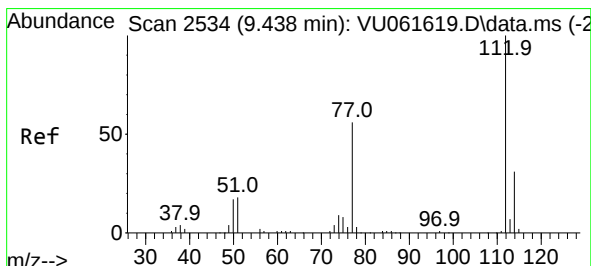
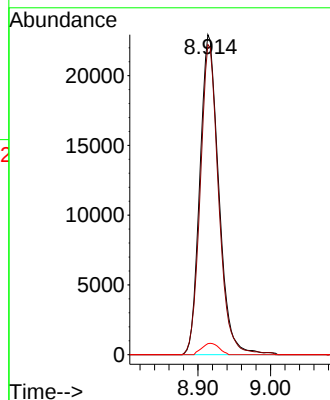
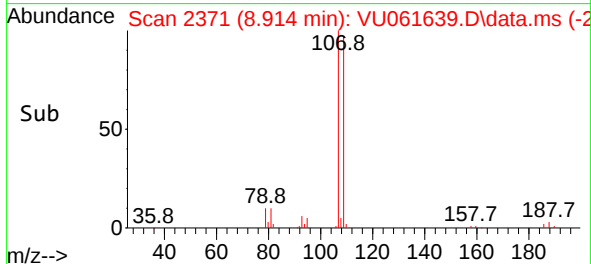


#50
 1,2-Dibromoethane
 Concen: 4.682 ug/L
 RT: 8.914 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

Instrument :
 MSVOA_U
 ClientSampleId :

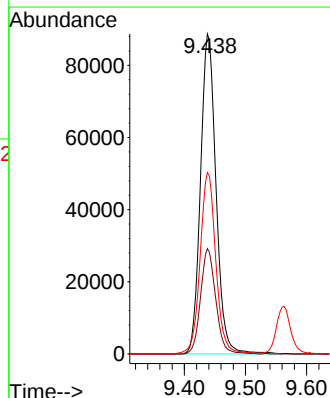
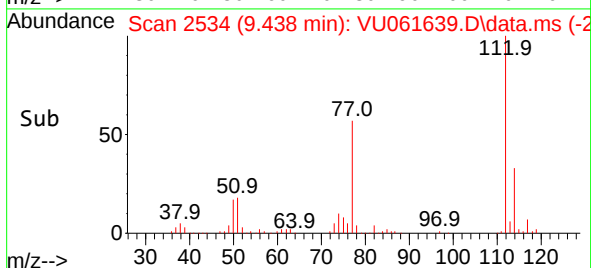
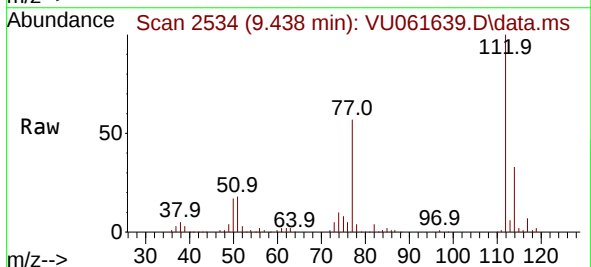


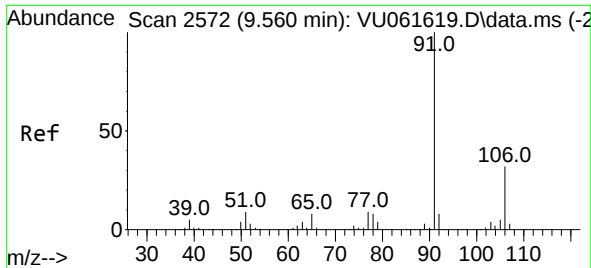
Tgt Ion:107 Resp: 41521
 Ion Ratio Lower Upper
 107 100
 109 96.9 64.8 120.4
 188 3.4 2.5 3.7



#51
 Chlorobenzene
 Concen: 4.445 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VU061639.D
 Acq: 13 Nov 2024 21:21

Tgt Ion:112 Resp: 156618
 Ion Ratio Lower Upper
 112 100
 114 32.9 22.5 41.9
 77 56.7 45.3 67.9

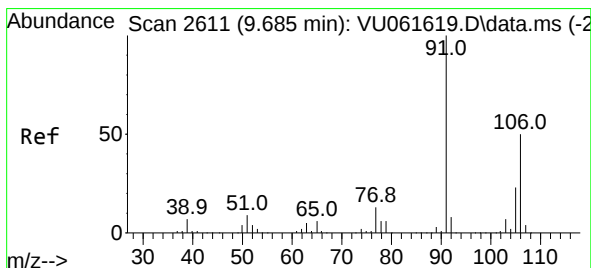
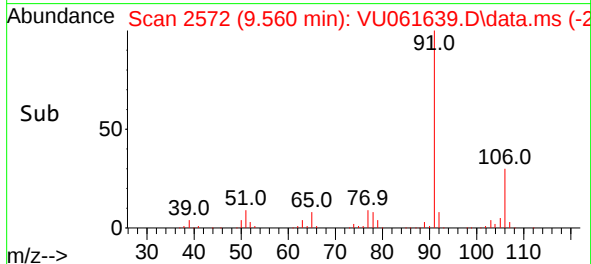
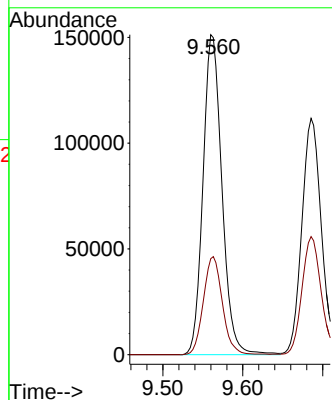
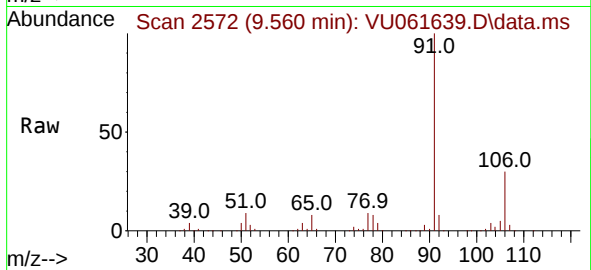




#52
Ethylbenzene
Concen: 4.279 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

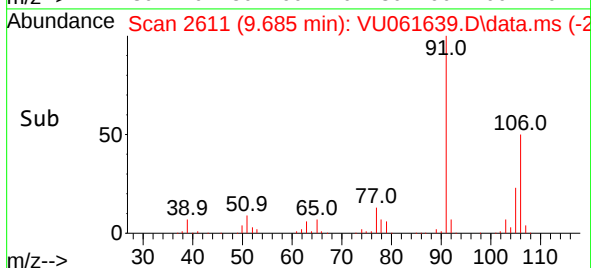
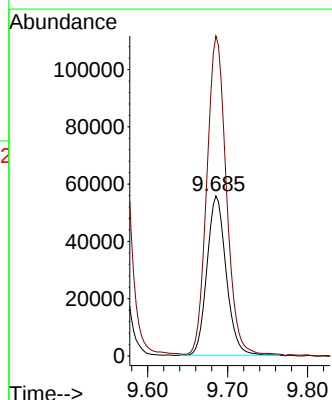
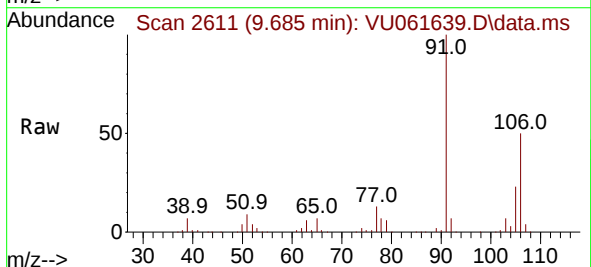
Instrument :
MSVOA_U
ClientSampleId :

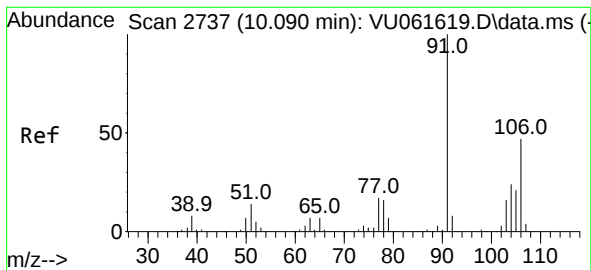
Tgt Ion: 91 Resp: 249507
Ion Ratio Lower Upper
91 100
106 30.0 21.7 40.3



#53
m,p-Xylene
Concen: 4.168 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion:106 Resp: 92983
Ion Ratio Lower Upper
106 100
91 200.1 140.4 260.8





#54

o-Xylene

Concen: 4.431 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

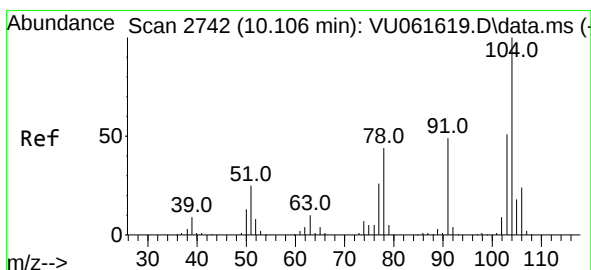
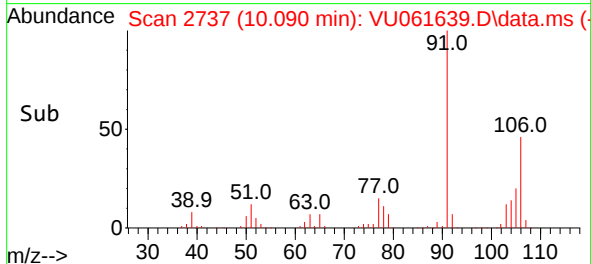
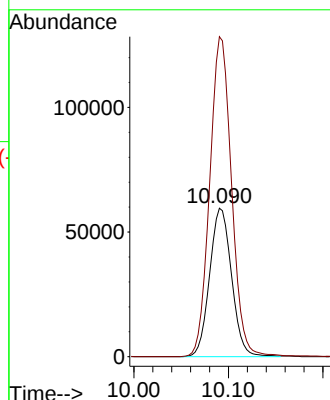
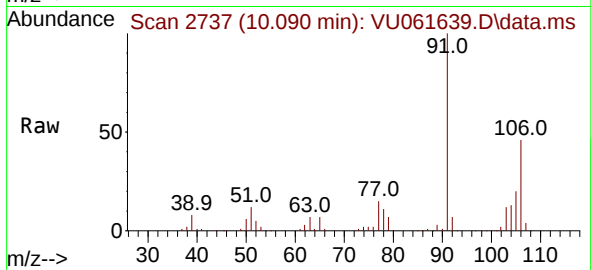
ClientSampleId :

Tgt Ion:106 Resp: 96082

Ion Ratio Lower Upper

106 100

91 215.4 151.3 280.9



#55

Styrene

Concen: 2.850 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061639.D

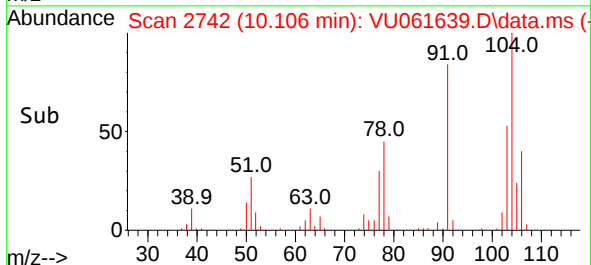
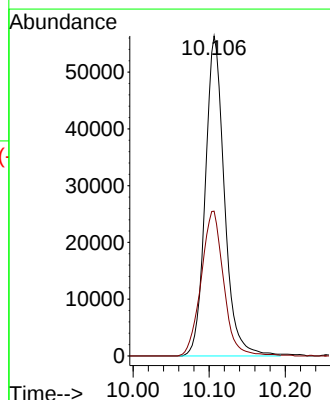
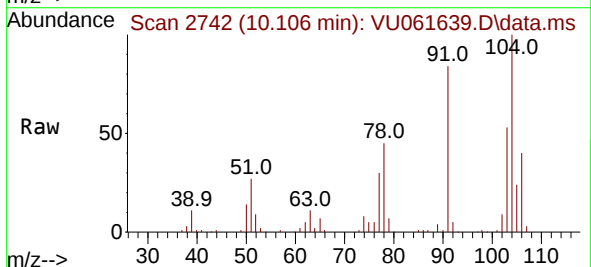
Acq: 13 Nov 2024 21:21

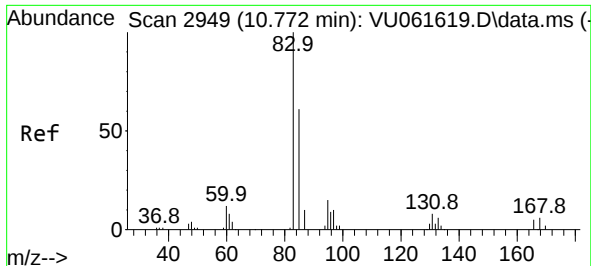
Tgt Ion:104 Resp: 98415

Ion Ratio Lower Upper

104 100

78 45.3 31.6 58.6

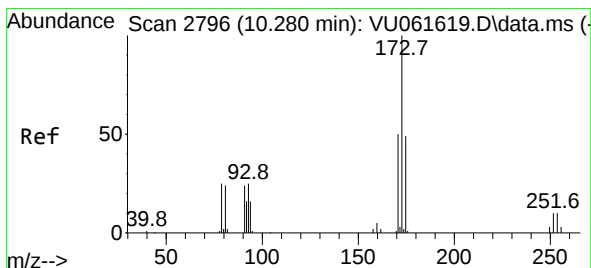
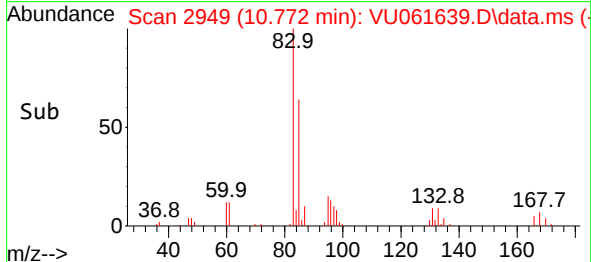
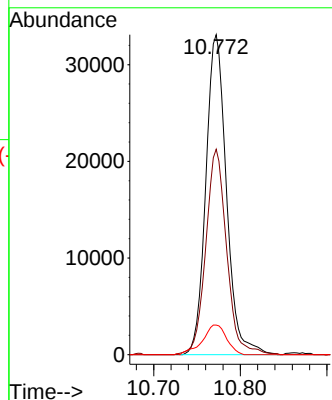
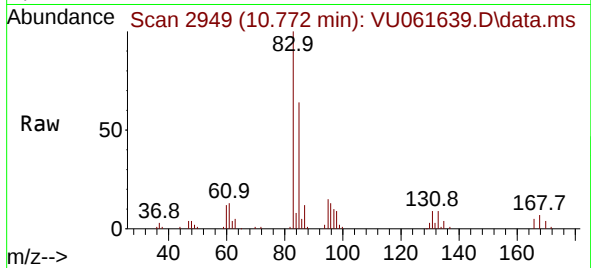




#57
1,1,2,2-Tetrachloroethane
Concen: 4.781 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

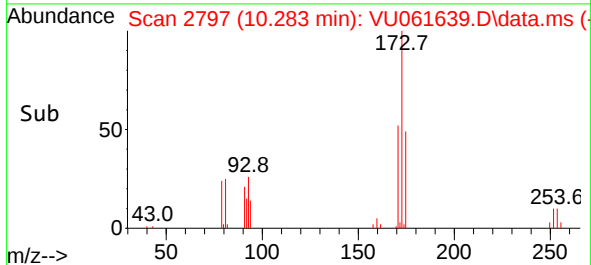
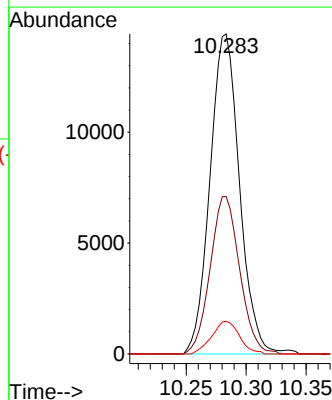
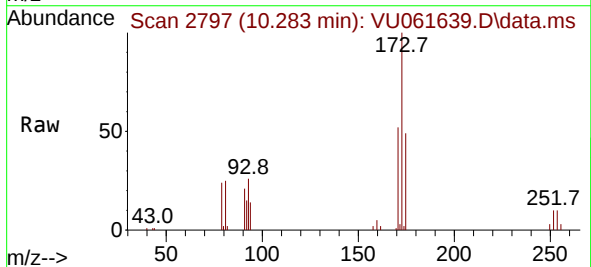
Instrument :
MSVOA_U
ClientSampleId :

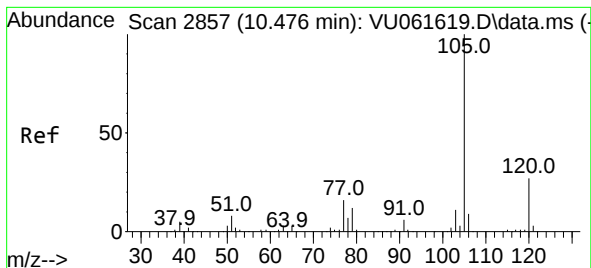
Tgt Ion: 83 Resp: 54711
Ion Ratio Lower Upper
83 100
85 64.2 41.9 77.9
131 9.3 7.8 11.6



#59
Bromoform
Concen: 4.611 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion:173 Resp: 24637
Ion Ratio Lower Upper
173 100
175 49.2 39.3 58.9
254 9.6 7.8 11.8





#60

Isopropylbenzene

Concen: 4.370 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

ClientSampleId :

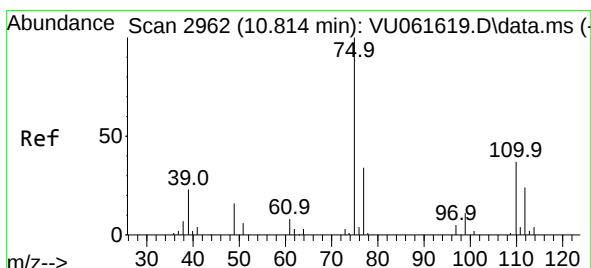
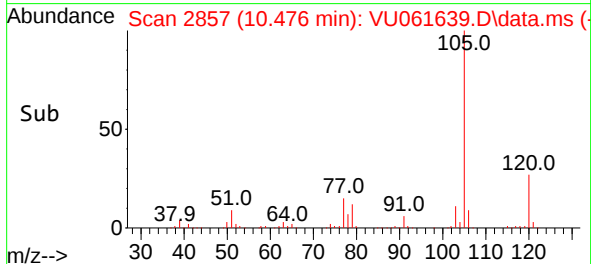
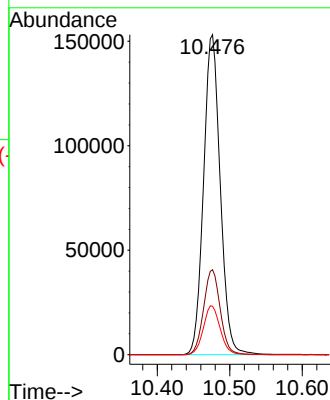
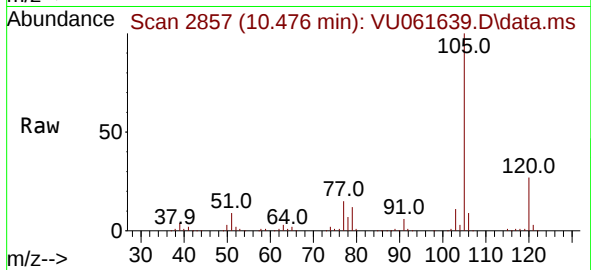
Tgt Ion:105 Resp: 244641

Ion Ratio Lower Upper

105 100

120 26.5 21.6 32.4

77 15.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.881 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

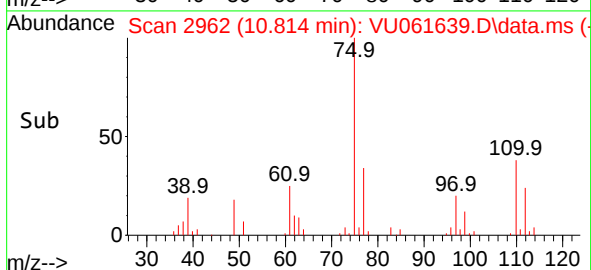
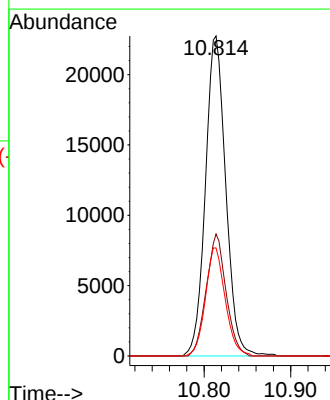
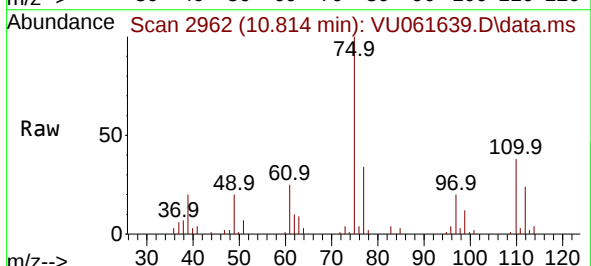
Tgt Ion: 75 Resp: 37114

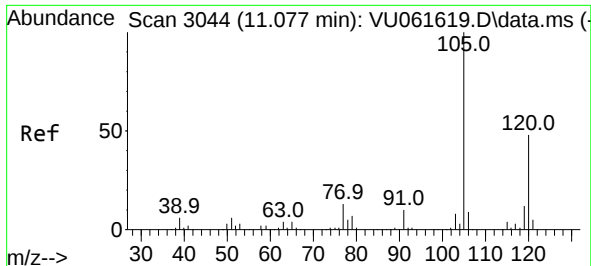
Ion Ratio Lower Upper

75 100

110 37.1 31.3 46.9

77 32.9 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.213 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

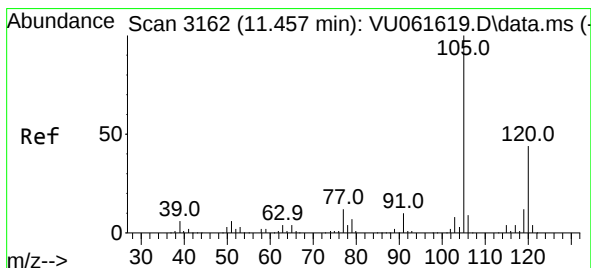
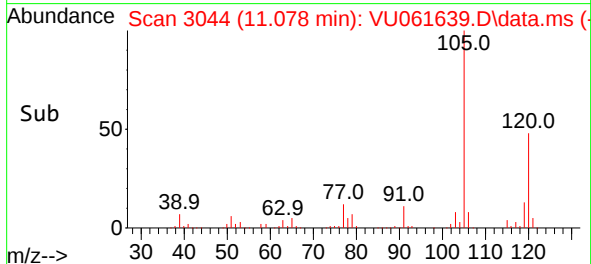
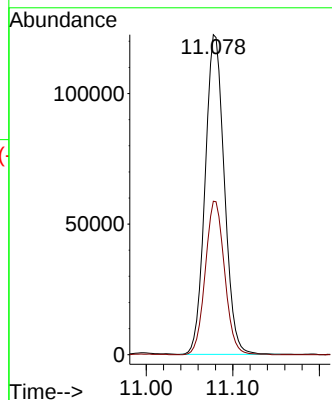
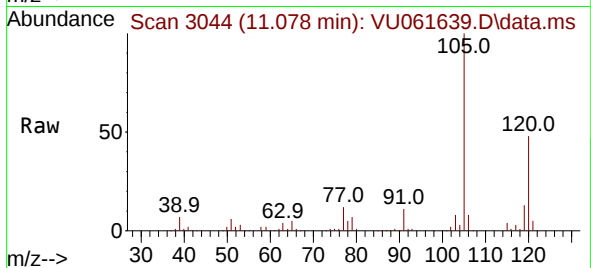
ClientSampleId :

Tgt Ion:105 Resp: 188827

Ion Ratio Lower Upper

105 100

120 48.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.304 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061639.D

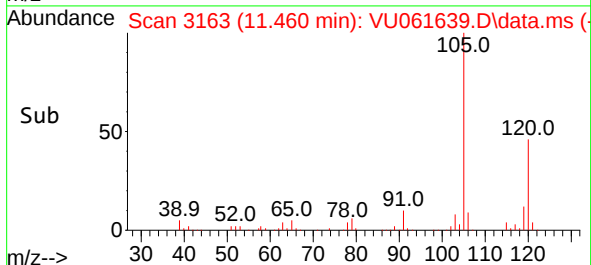
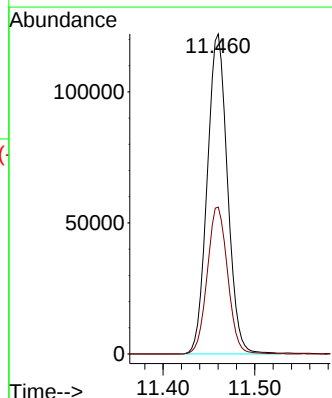
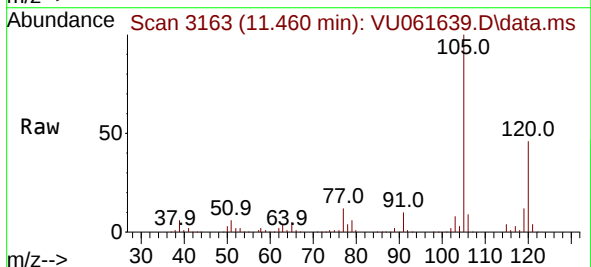
Acq: 13 Nov 2024 21:21

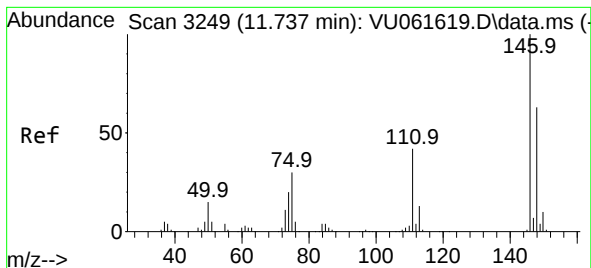
Tgt Ion:105 Resp: 187770

Ion Ratio Lower Upper

105 100

120 46.2 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.445 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

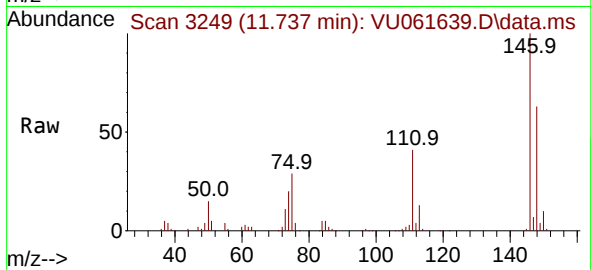
Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

ClientSampleId :



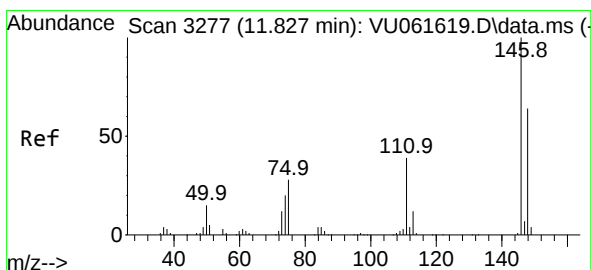
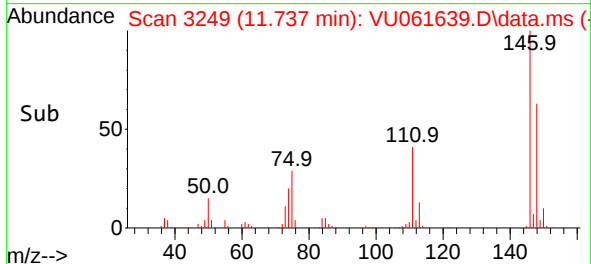
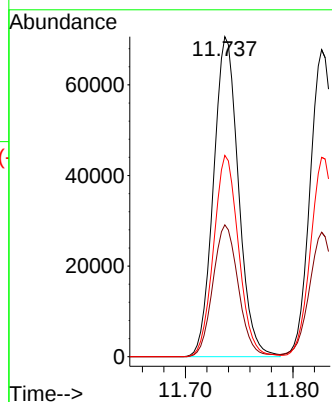
Tgt Ion:146 Resp: 114122

Ion Ratio Lower Upper

146 100

111 41.2 29.3 54.3

148 62.9 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 4.304 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

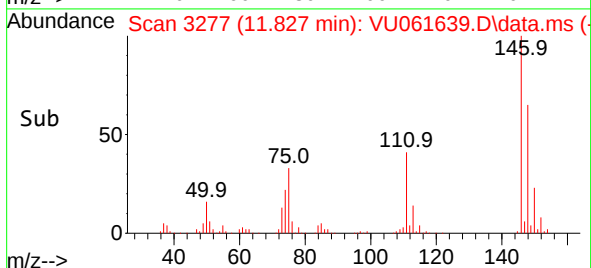
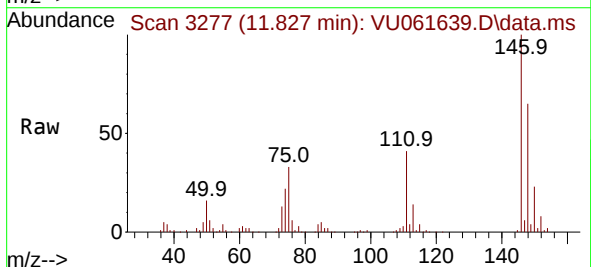
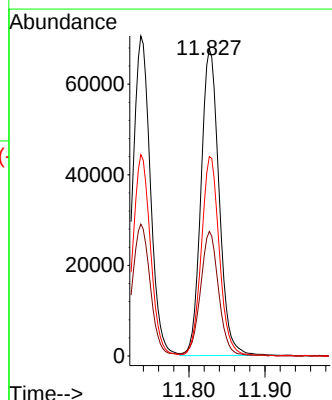
Tgt Ion:146 Resp: 112205

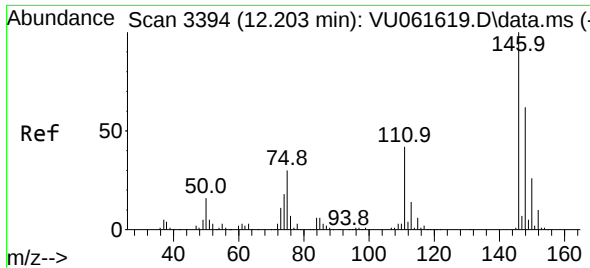
Ion Ratio Lower Upper

146 100

111 40.5 28.8 53.4

148 64.9 44.7 83.1

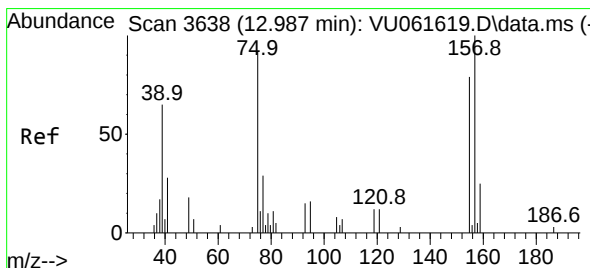
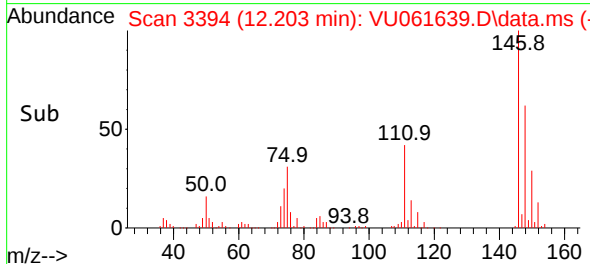
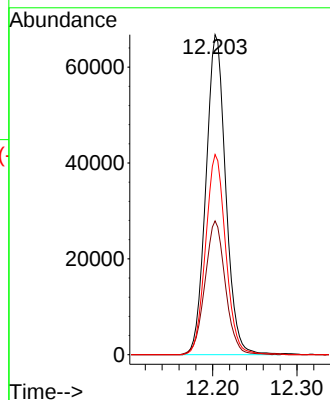
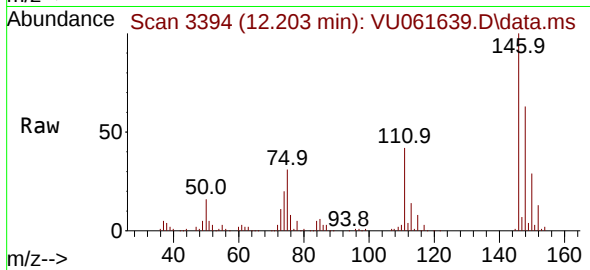




#67
1,2-Dichlorobenzene
Concen: 4.573 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

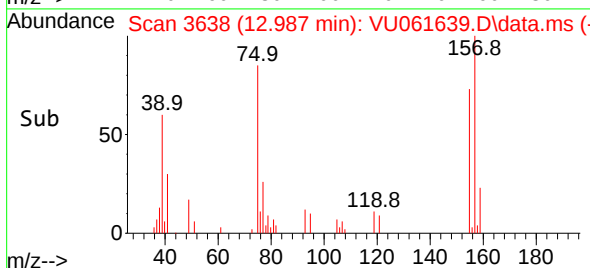
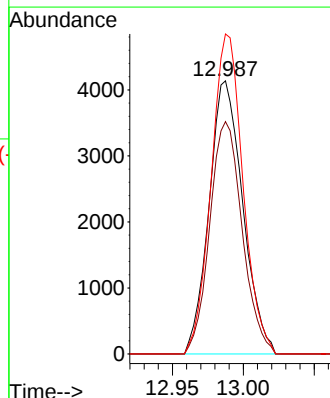
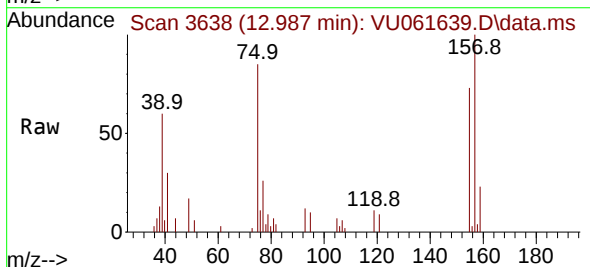
Instrument :
MSVOA_U
ClientSampleId :

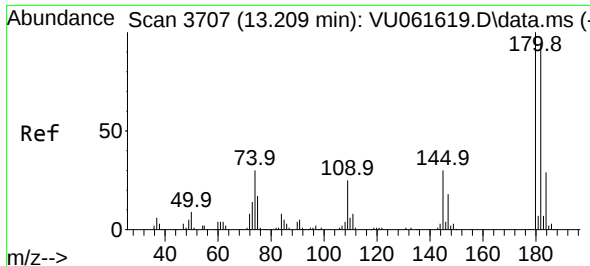
Tgt Ion:146 Resp: 109171
Ion Ratio Lower Upper
146 100
111 41.8 35.2 52.8
148 62.5 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.154 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

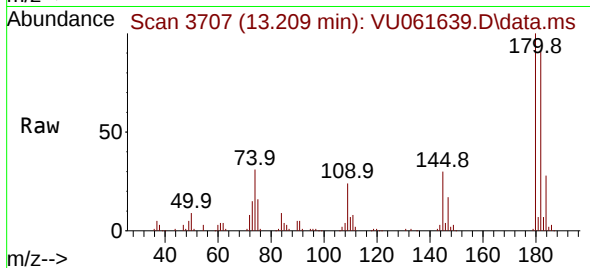
Tgt Ion: 75 Resp: 6843
Ion Ratio Lower Upper
75 100
155 85.1 62.6 93.8
157 117.2 84.9 127.3



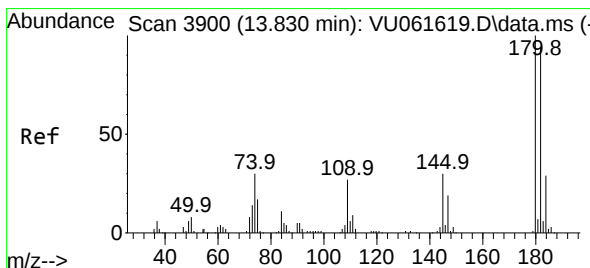
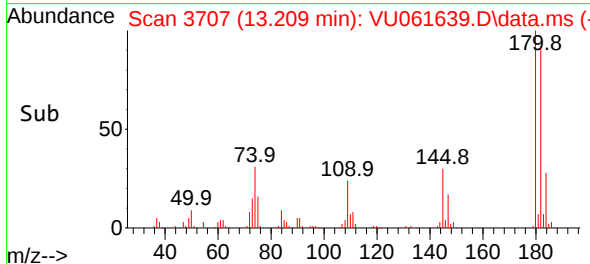
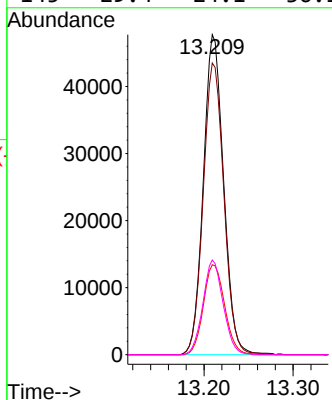


#69
1,3,5-Trichlorobenzene
Concen: 4.203 ug/L
RT: 13.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Instrument :
MSVOA_U
ClientSampleId :

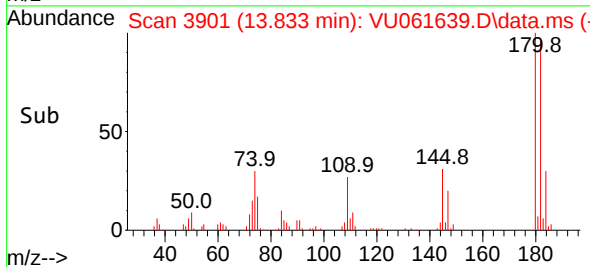
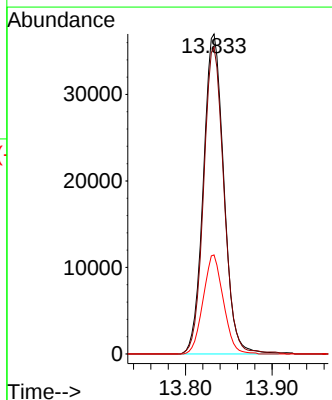
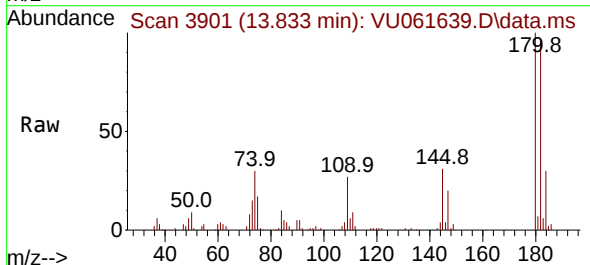


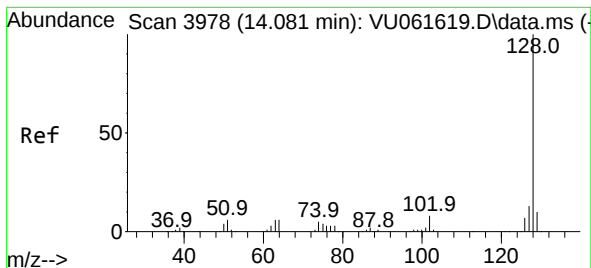
Tgt Ion:180 Resp: 75326
Ion Ratio Lower Upper
180 100
182 93.0 77.1 115.7
184 29.5 24.7 37.1
145 29.4 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 4.375 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU061639.D
Acq: 13 Nov 2024 21:21

Tgt Ion:180 Resp: 60781
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 30.6 24.5 36.7





#71

Naphthalene

Concen: 4.791 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Instrument :

MSVOA_U

ClientSampleId :

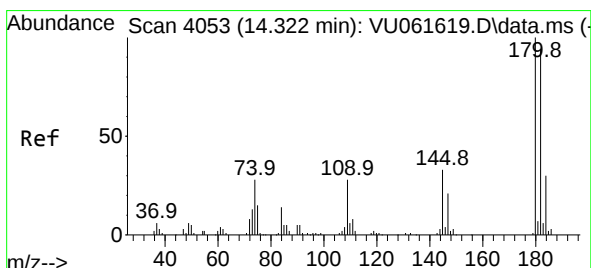
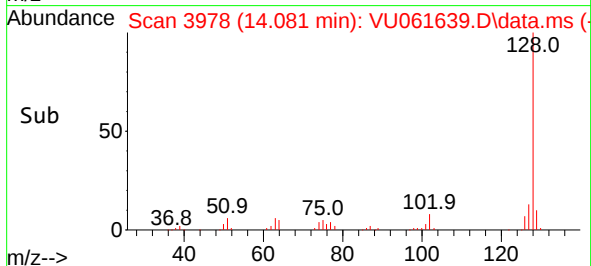
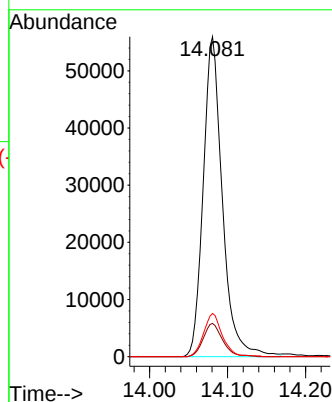
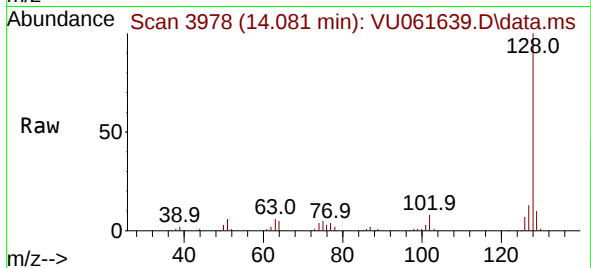
Tgt Ion:128 Resp: 95552

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.691 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061639.D

Acq: 13 Nov 2024 21:21

Tgt Ion:180 Resp: 54706

Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

145 31.1 26.3 39.5

