

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061618.D
 Acq On : 13 Nov 2024 11:17
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:22:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:18:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	205982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	193821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	94601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63728	4.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	52818	4.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.560	65	28186	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.628	46	134485	47.609	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.220%
24) Chloroform-d	5.052	84	127595	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	60906	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	263193	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.682	67	77925	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	247926	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.174	79	28304	4.859	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.624	63	114457	49.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	61045	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	81090	4.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	78669	5.139	ug/L	100
3) Chloromethane	1.519	50	67897	4.889	ug/L	100
5) Vinyl chloride	1.602	62	78518	5.123	ug/L	99
6) Bromomethane	1.856	94	48598	5.314	ug/L	98
8) Chloroethane	1.930	64	52140	4.904	ug/L	99
9) Trichlorofluoromethane	2.133	101	113817	5.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67715	5.084	ug/L	97
12) 1,1-Dichloroethene	2.576	96	63070	5.072	ug/L	93
13) Acetone	2.647	43	87767	49.316	ug/L	98
14) Carbon disulfide	2.789	76	199775	5.002	ug/L	100
15) Methyl Acetate	2.956	43	21907	4.927	ug/L	99
16) Methylene chloride	3.039	84	70564	4.924	ug/L	99
17) Methyl tert-butyl Ether	3.355	73	153996	5.053	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	68028	4.988	ug/L	97
19) 1,1-Dichloroethane	3.859	63	124067	4.989	ug/L	98
21) 2-Butanone	4.708	43	144979	49.879	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	77848	5.061	ug/L	99
23) Bromochloromethane	4.965	128	34386	5.033	ug/L	99
25) Chloroform	5.078	83	135037	5.152	ug/L	96

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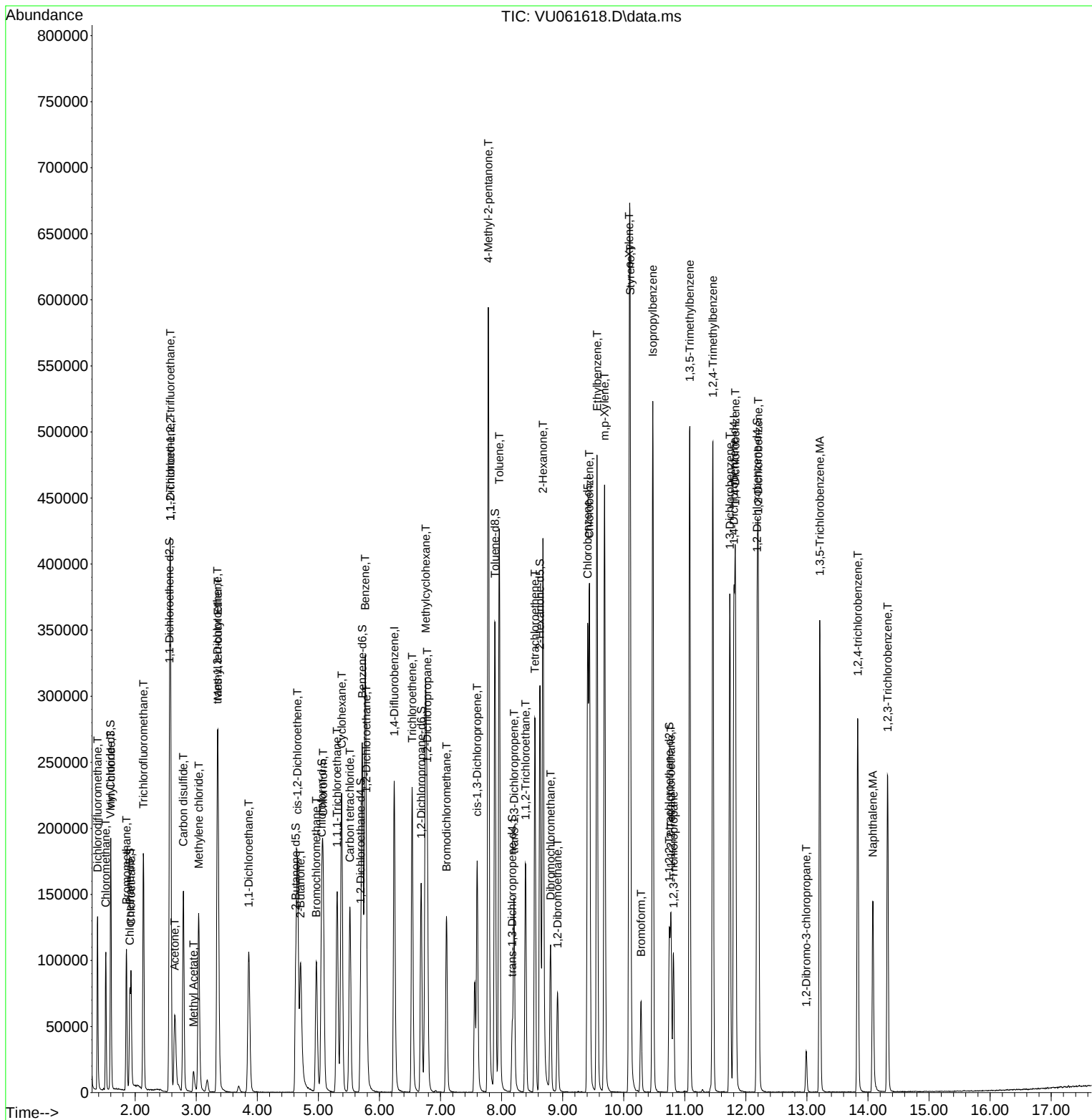
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 ClientSampleId :

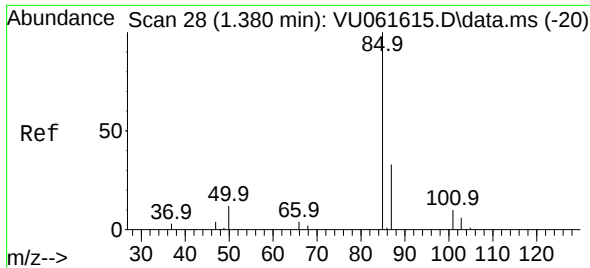
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	80332	4.884	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	111648	5.062	ug/L	99
30) Cyclohexane	5.380	56	114192	5.183	ug/L	99
31) Carbon tetrachloride	5.515	117	96857	5.156	ug/L	99
33) Benzene	5.766	78	299586	5.107	ug/L	100
34) Trichloroethene	6.534	95	80146	5.060	ug/L	95
35) Methylcyclohexane	6.756	83	126832	5.310	ug/L	99
37) 1,2-Dichloropropane	6.782	63	75181	5.052	ug/L	100
38) Bromodichloromethane	7.097	83	88965	4.982	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	109509	5.170	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	366832	51.410	ug/L	100
42) Toluene	7.962	91	329392	5.215	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	85936	5.115	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	55344	5.101	ug/L	97
47) Tetrachloroethene	8.544	164	61624	5.178	ug/L	98
48) 2-Hexanone	8.676	43	263809	51.707	ug/L	100
49) Dibromochloromethane	8.801	129	58088	5.106	ug/L	98
50) 1,2-Dibromoethane	8.914	107	53200	5.199	ug/L	99
51) Chlorobenzene	9.438	112	209133	5.144	ug/L	99
52) Ethylbenzene	9.563	91	353822	5.259	ug/L	99
53) m,p-Xylene	9.685	106	135722	5.272	ug/L	96
54) o-Xylene	10.091	106	130209	5.204	ug/L	100
55) Styrene	10.107	104	215416	5.407	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	66211	5.015	ug/L	95
59) Bromoform	10.284	173	31151	4.975	ug/L	100
60) Isopropylbenzene	10.476	105	351110	5.352	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44535	4.997	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	279009	5.311	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	276580	5.409	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	158616	5.272	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	155502	5.090	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	144536	5.165	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	8010	5.147	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	112416	5.351	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	89092	5.472	ug/L	99
71) Naphthalene	14.081	128	130118	5.567	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	75810	5.547	ug/L	99

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

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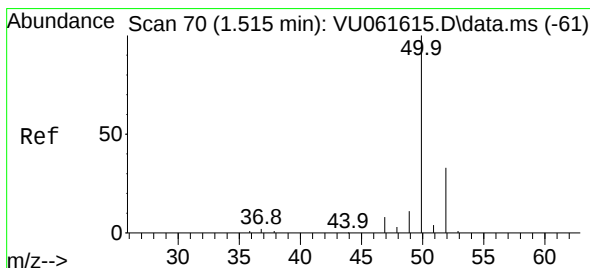
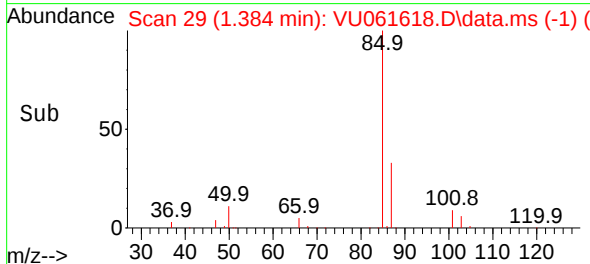
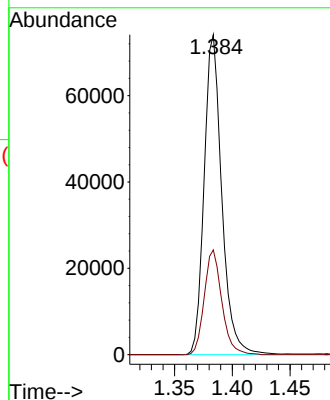
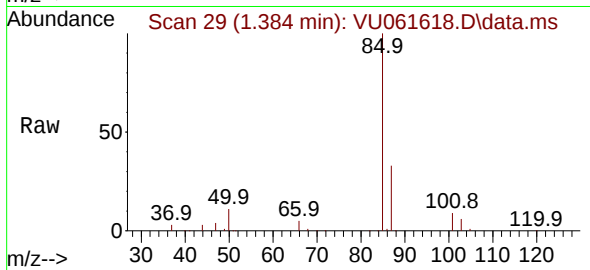




#2
 Dichlorodifluoromethane
 Concen: 5.139 ug/L
 RT: 1.384 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

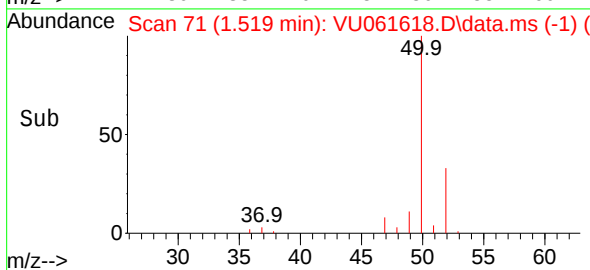
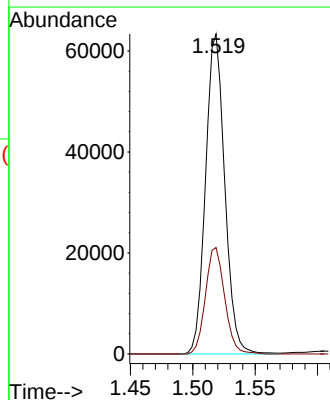
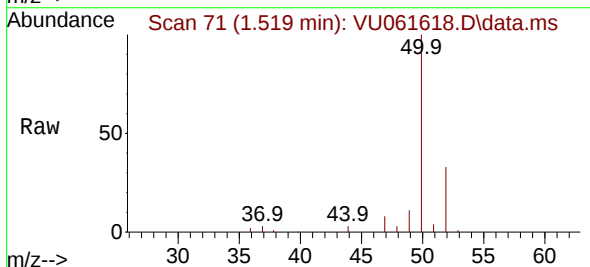
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 ClientSampleId :

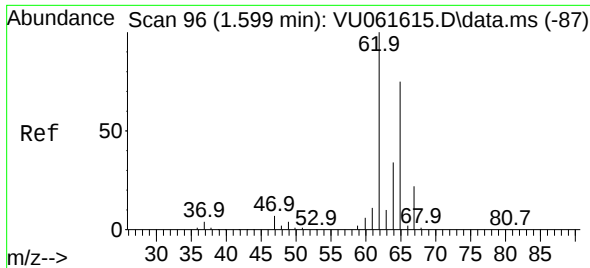
Tgt Ion: 85 Resp: 78669
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.889 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

Tgt Ion: 50 Resp: 67897
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

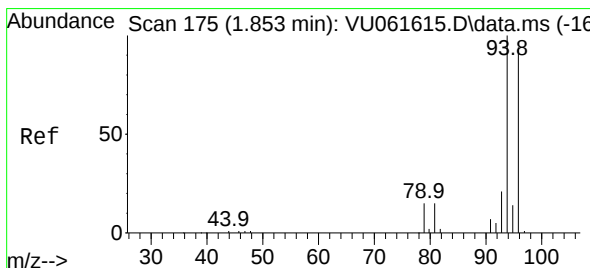
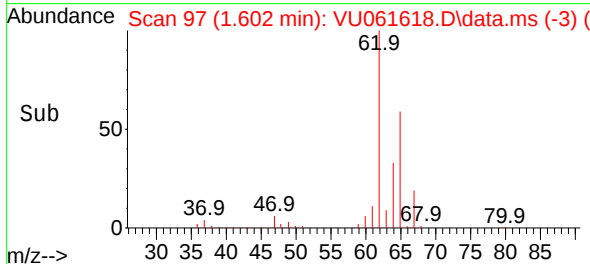
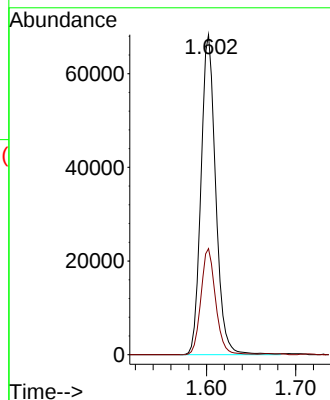
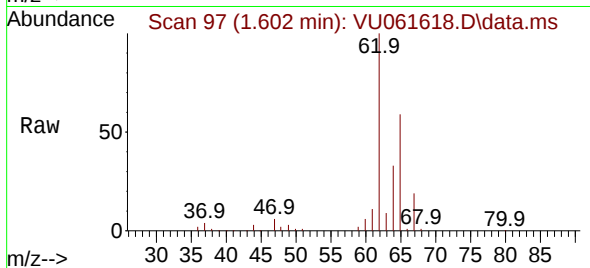




#5
 Vinyl chloride
 Concen: 5.123 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

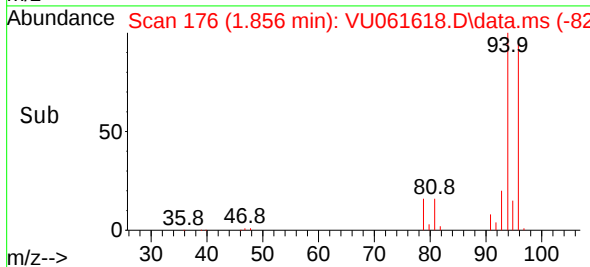
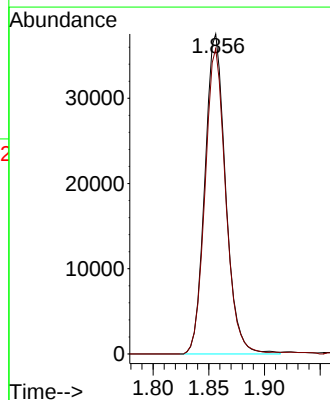
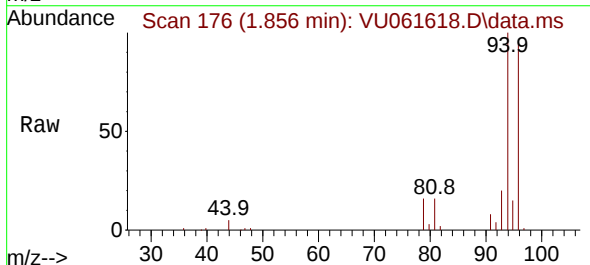
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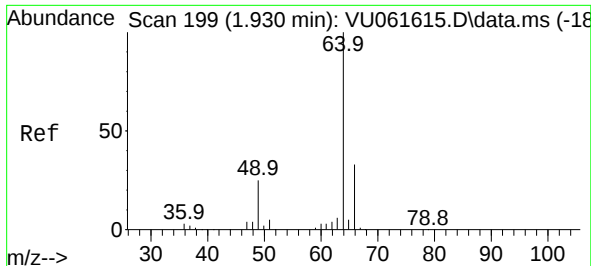
Tgt Ion: 62 Resp: 78518
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 44.1



#6
 Bromomethane
 Concen: 5.314 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

Tgt Ion: 94 Resp: 48598
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.7 121.9

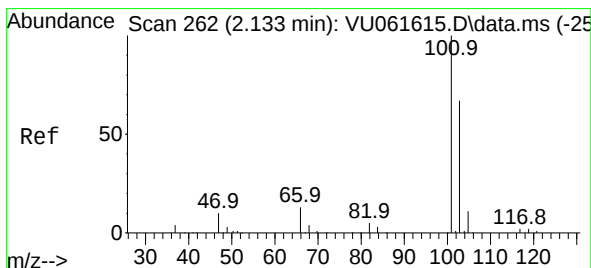
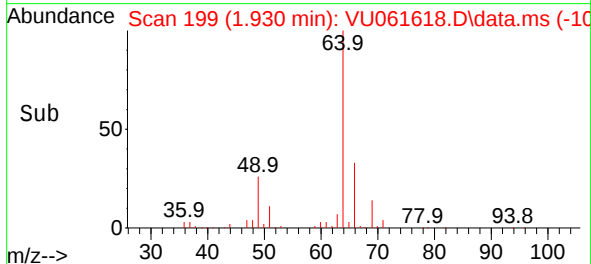
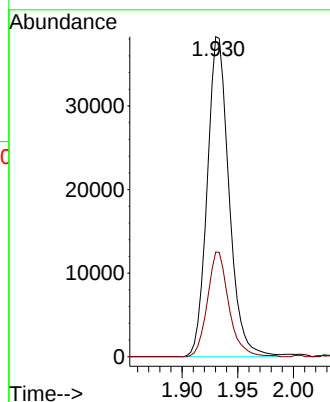
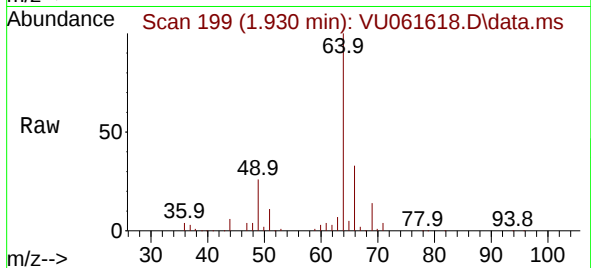




#8
Chloroethane
Concen: 4.904 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

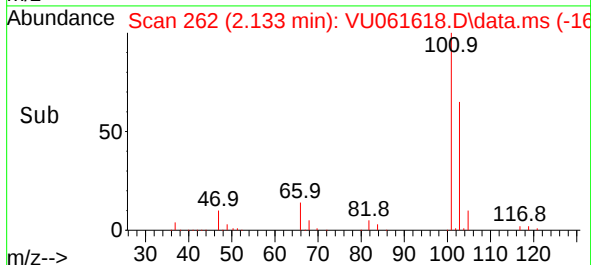
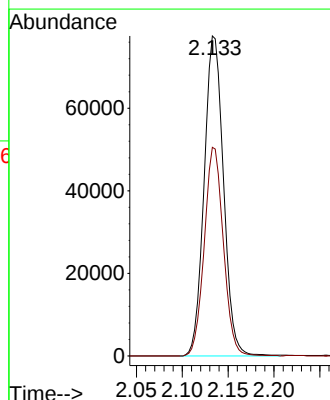
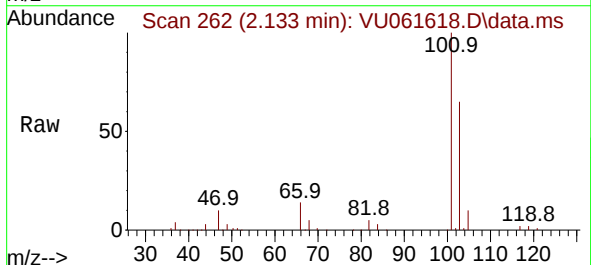
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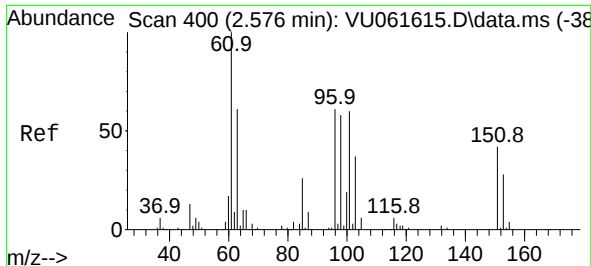
Tgt Ion: 64 Resp: 52140
Ion Ratio Lower Upper
64 100
66 32.7 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.051 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:101 Resp: 113817
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

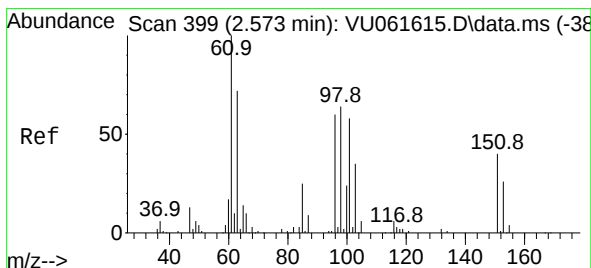
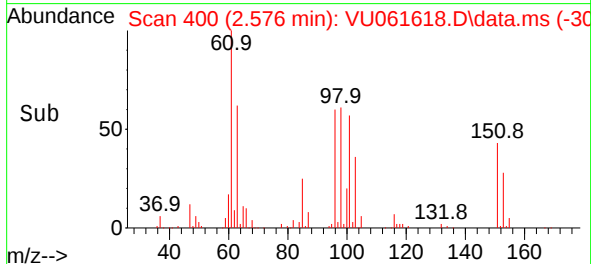
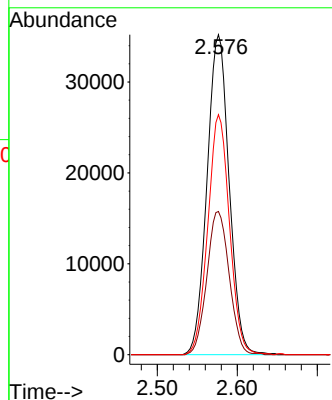
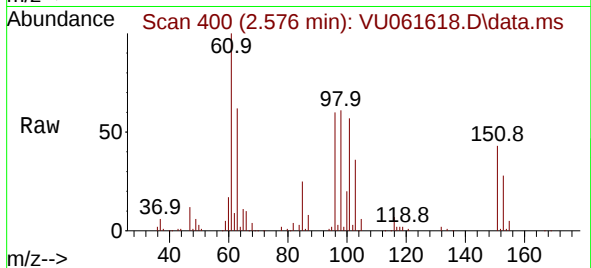




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.084 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

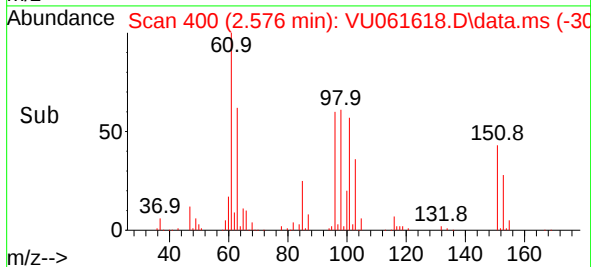
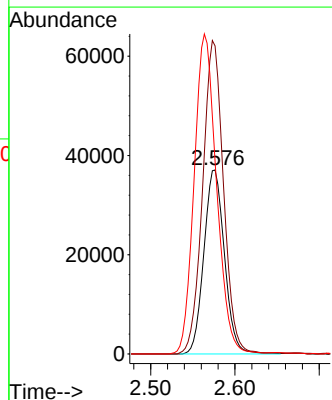
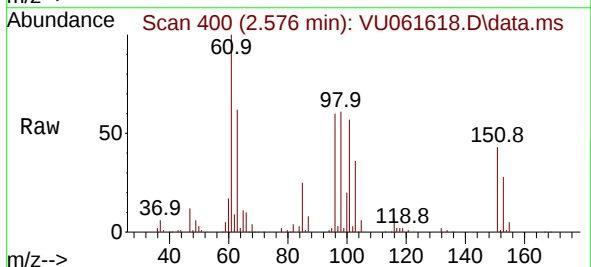
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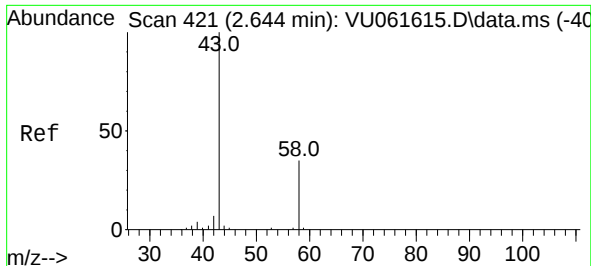
Tgt Ion:101 Resp: 67715
Ion Ratio Lower Upper
101 100
85 45.3 35.1 52.7
151 73.5 56.9 85.3



#12
1,1-Dichloroethene
Concen: 5.072 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 96 Resp: 63070
Ion Ratio Lower Upper
96 100
61 167.3 116.8 217.0
63 104.6 86.1 159.9





#13

Acetone

Concen: 49.316 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

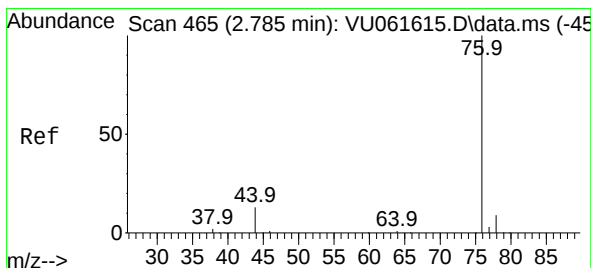
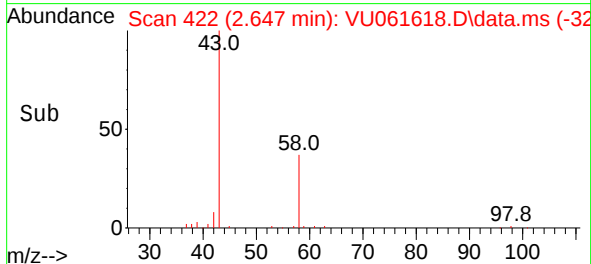
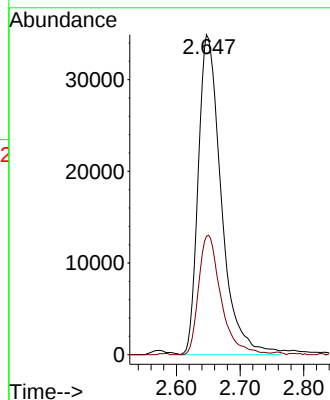
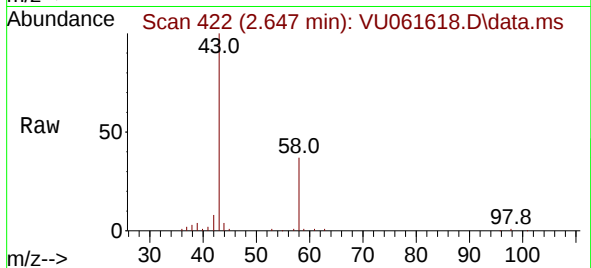
ClientSampleId :

Tgt Ion: 43 Resp: 87767

Ion Ratio Lower Upper

43 100

58 36.3 0.0 69.8



#14

Carbon disulfide

Concen: 5.002 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061618.D

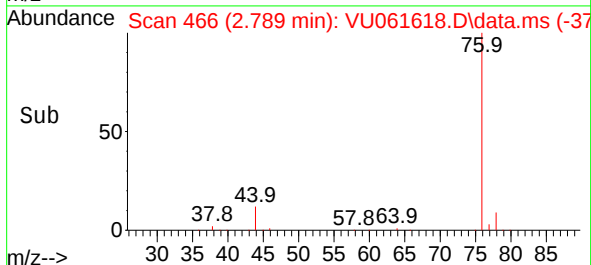
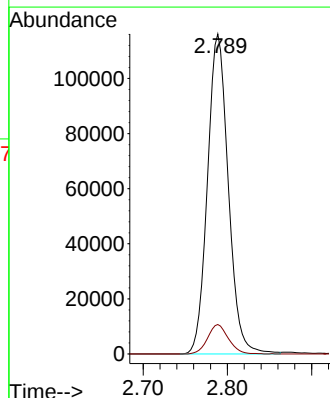
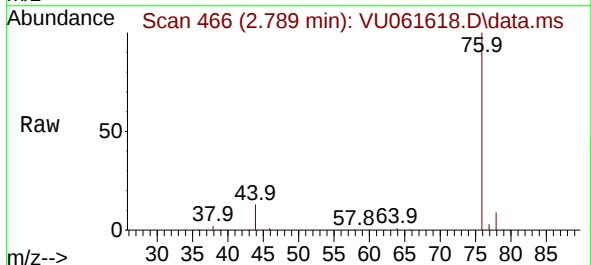
Acq: 13 Nov 2024 11:17

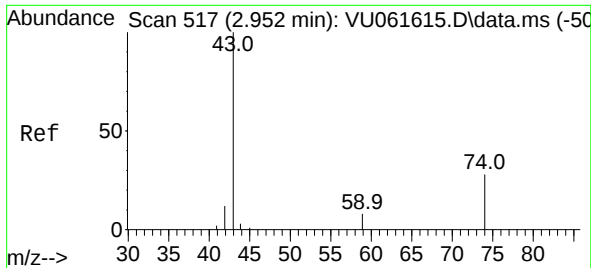
Tgt Ion: 76 Resp: 199775

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 4.927 ug/L

RT: 2.956 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

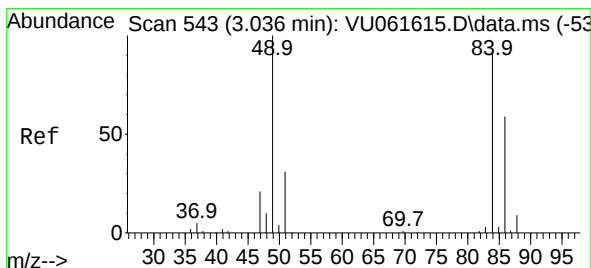
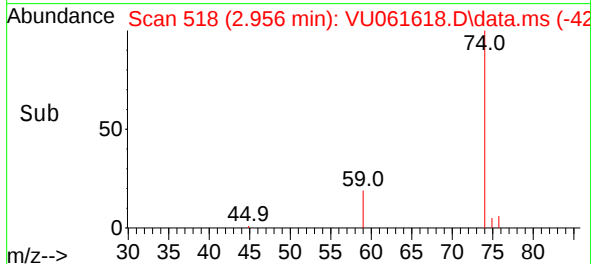
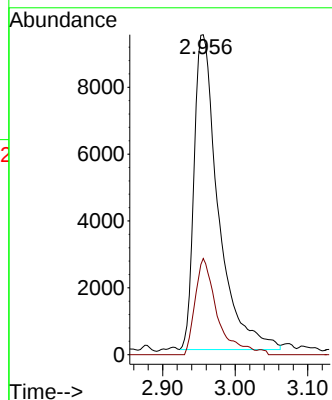
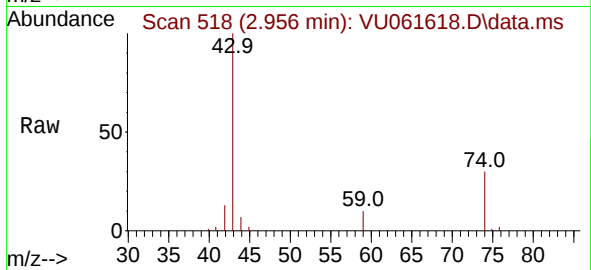
ClientSampleId :

Tgt Ion: 43 Resp: 21907

Ion Ratio Lower Upper

43 100

74 27.5 22.5 33.7



#16

Methylene chloride

Concen: 4.924 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

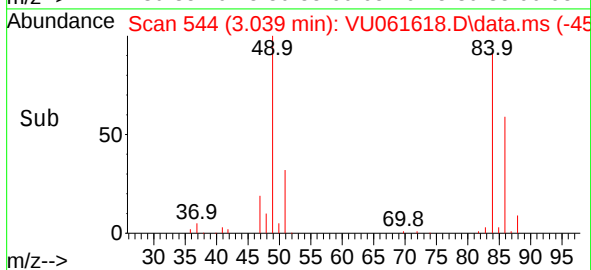
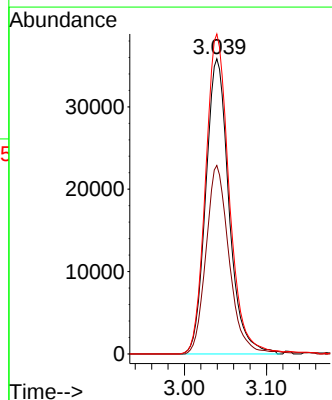
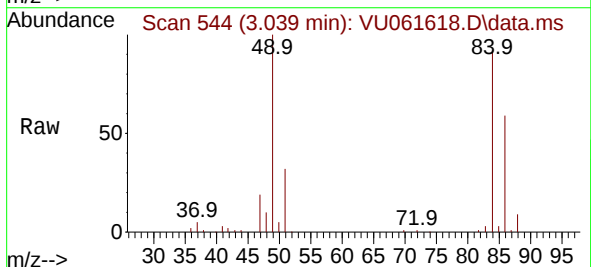
Tgt Ion: 84 Resp: 70564

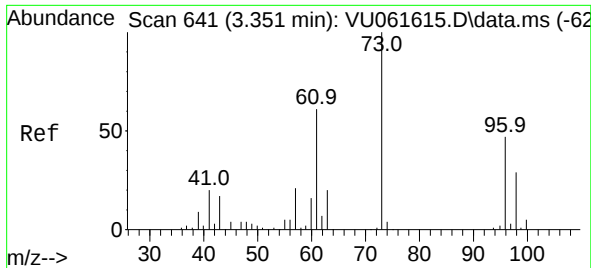
Ion Ratio Lower Upper

84 100

86 63.9 45.1 83.7

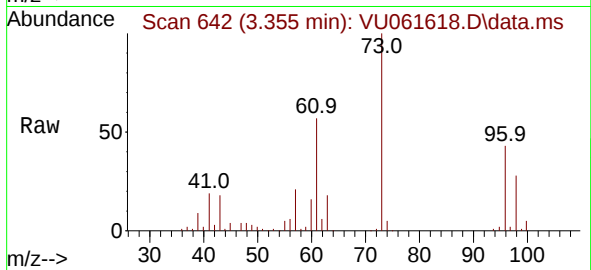
49 108.4 76.3 141.7



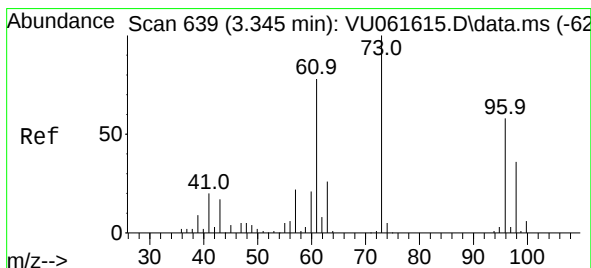
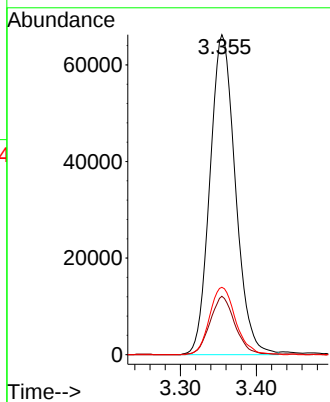
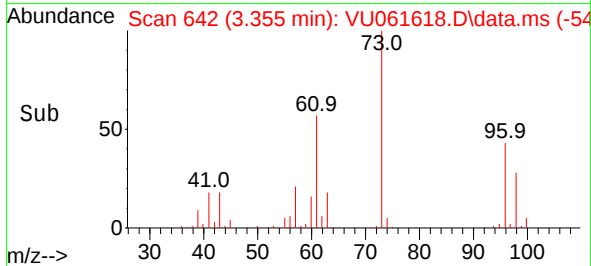


#17
Methyl tert-butyl Ether
Concen: 5.053 ug/L
RT: 3.355 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Instrument :
MSVOA_U
ClientSampleId :

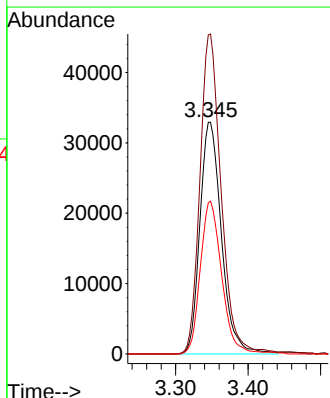
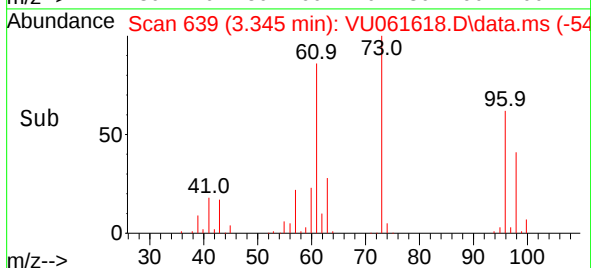
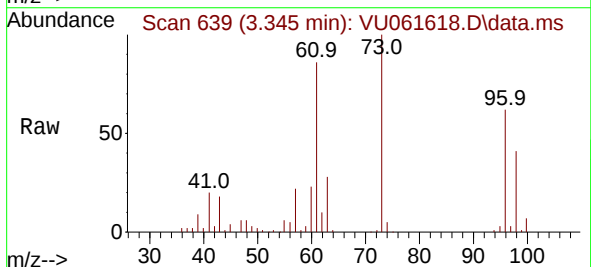


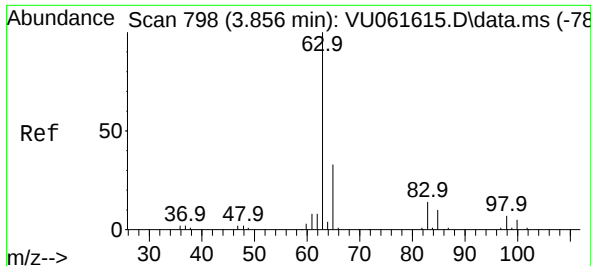
Tgt Ion: 73 Resp: 153996
Ion Ratio Lower Upper
73 100
43 18.0 14.2 21.4
57 21.6 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.988 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 96 Resp: 68028
Ion Ratio Lower Upper
96 100
61 137.7 94.1 174.8
98 65.2 43.2 80.2

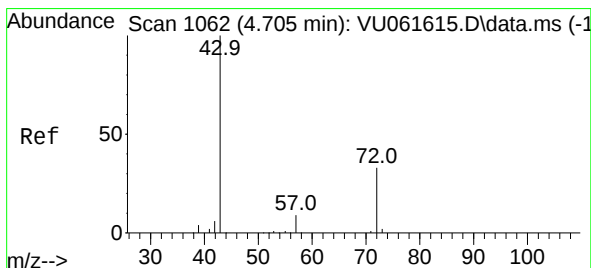
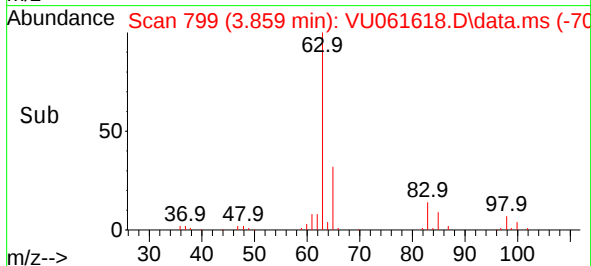
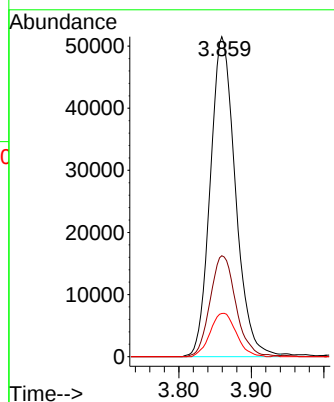
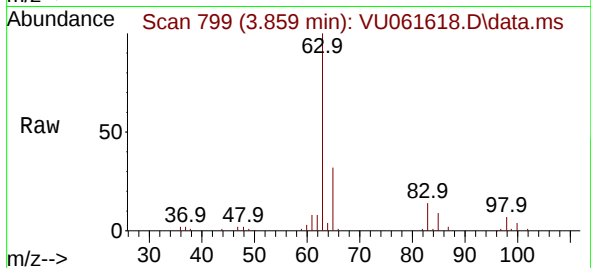




#19
1,1-Dichloroethane
Concen: 4.989 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

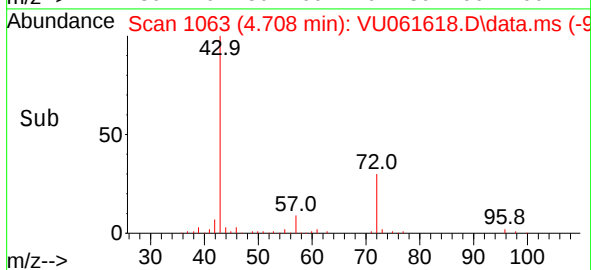
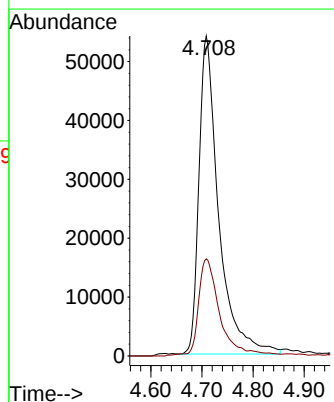
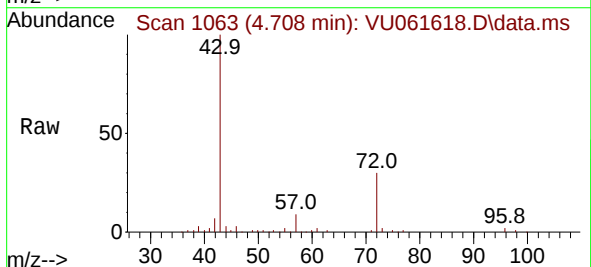
Instrument :
MSVOA_U
ClientSampleId :

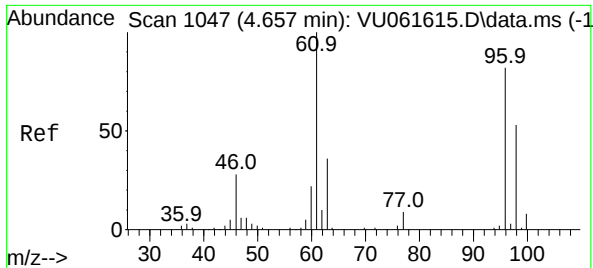
Tgt Ion: 63 Resp: 124067
Ion Ratio Lower Upper
63 100
65 31.6 23.4 43.4
83 13.5 9.6 17.8



#21
2-Butanone
Concen: 49.879 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 43 Resp: 144979
Ion Ratio Lower Upper
43 100
72 31.5 15.8 47.3

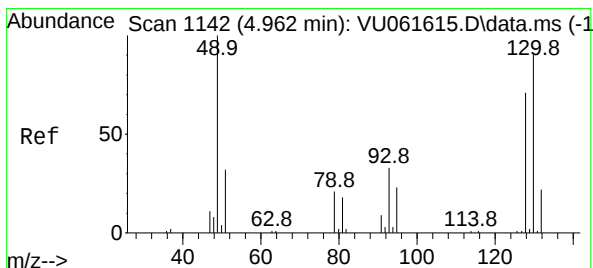
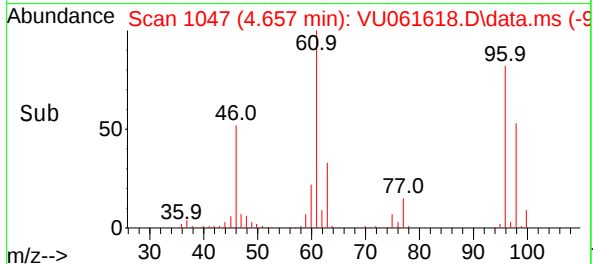
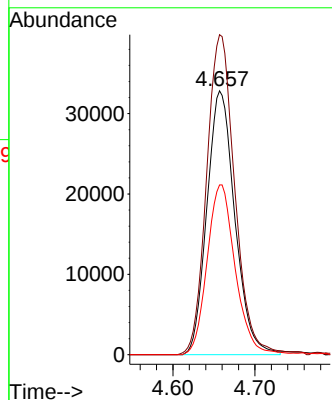
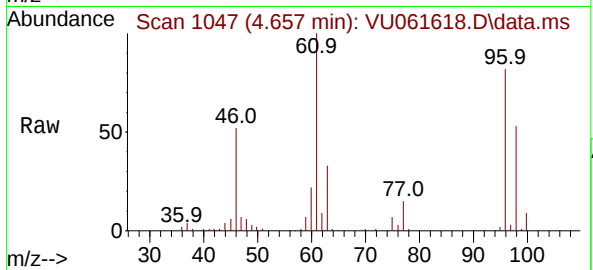




#22
 cis-1,2-Dichloroethene
 Concen: 5.061 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

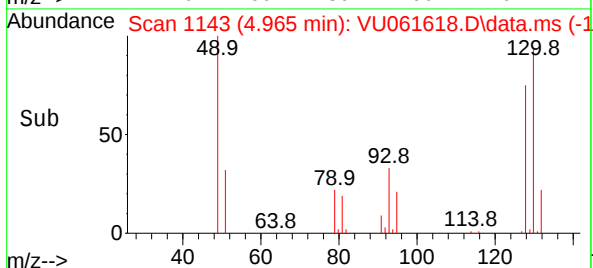
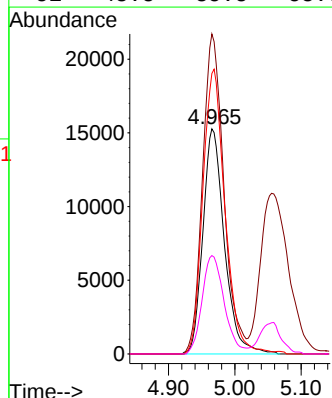
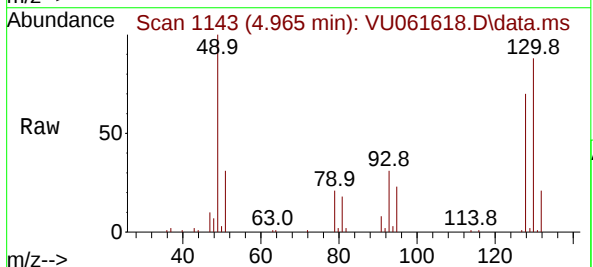
Instrument :
 MSVOA_U
 ClientSampleId :

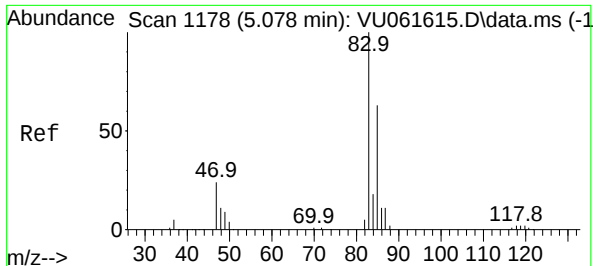
Tgt Ion: 96 Resp: 77848
 Ion Ratio Lower Upper
 96 100
 61 121.3 85.6 159.0
 98 64.4 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.033 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.003 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

Tgt Ion:128 Resp: 34386
 Ion Ratio Lower Upper
 128 100
 49 142.2 99.1 184.1
 130 124.6 88.6 164.6
 51 43.8 35.8 53.6





#25

Chloroform

Concen: 5.152 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

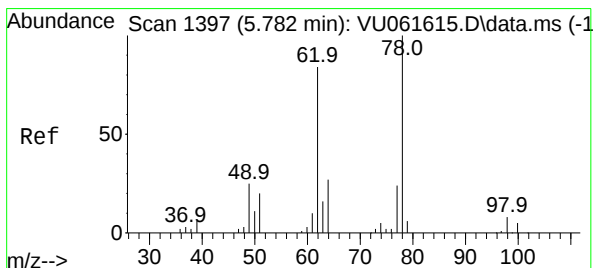
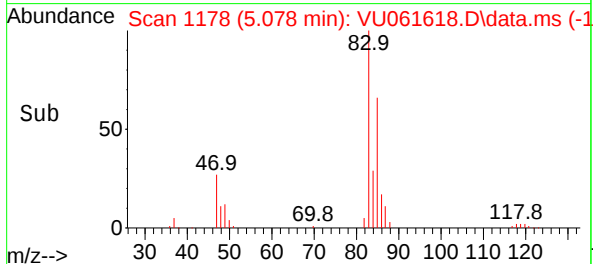
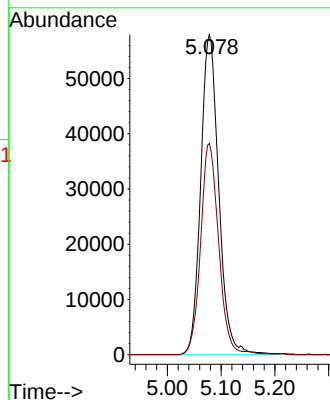
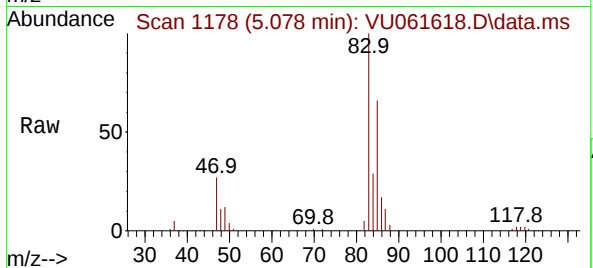
ClientSampleId :

Tgt Ion: 83 Resp: 135037

Ion Ratio Lower Upper

83 100

85 66.0 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.884 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU061618.D

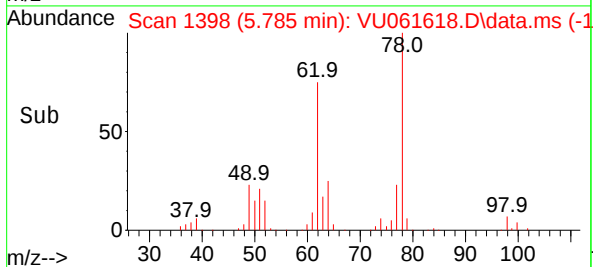
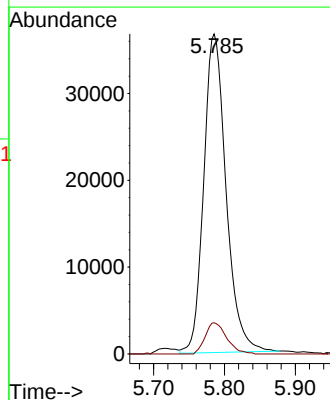
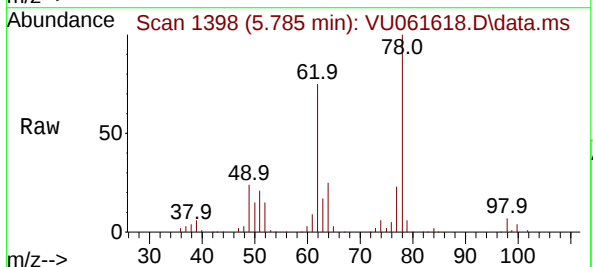
Acq: 13 Nov 2024 11:17

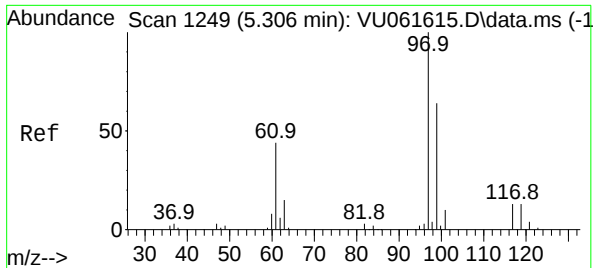
Tgt Ion: 62 Resp: 80332

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5

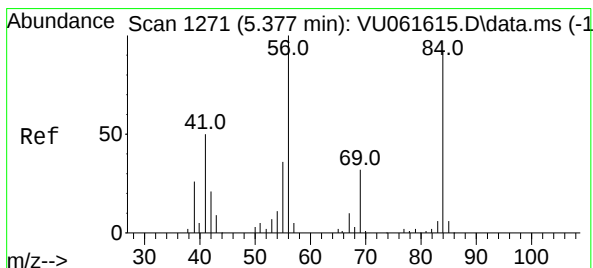
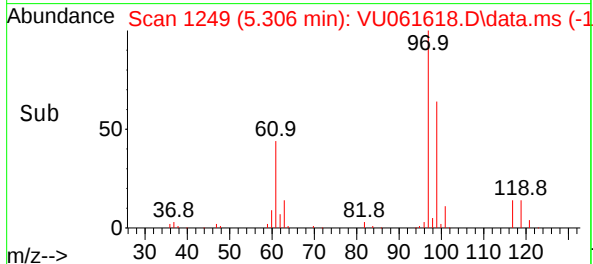
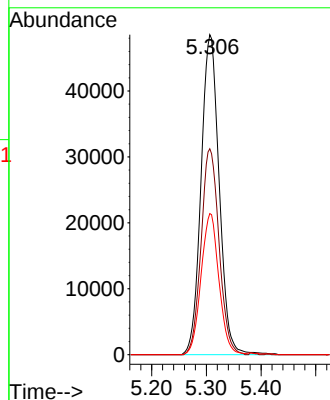
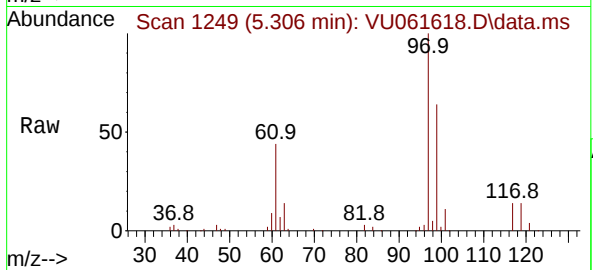




#29
1,1,1-Trichloroethane
Concen: 5.062 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

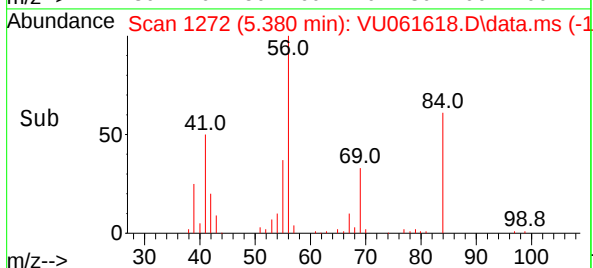
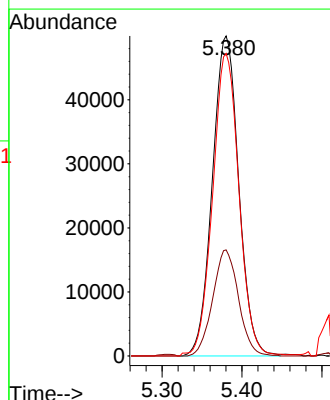
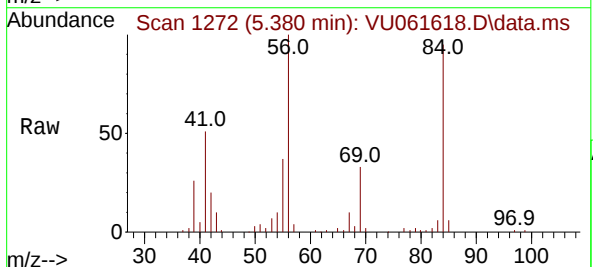
Instrument :
MSVOA_U
ClientSampleId :

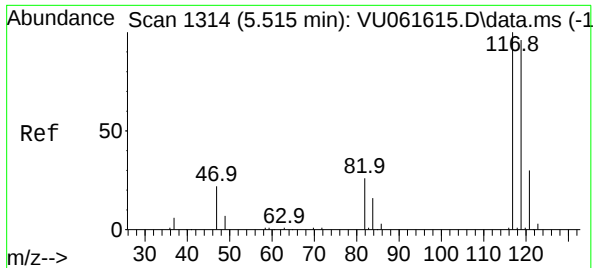
Tgt Ion: 97 Resp: 111648
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 43.4 35.4 53.0



#30
Cyclohexane
Concen: 5.183 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 56 Resp: 114192
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 94.5 74.3 111.5

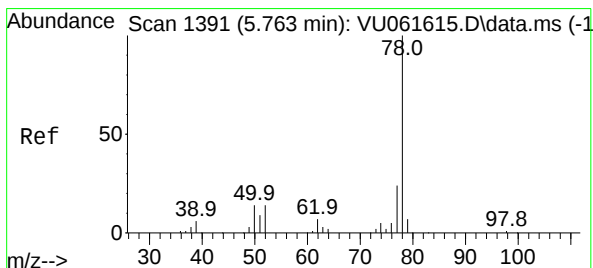
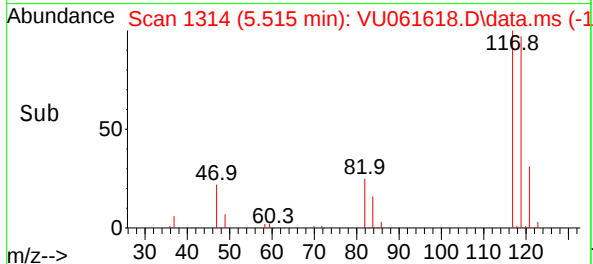
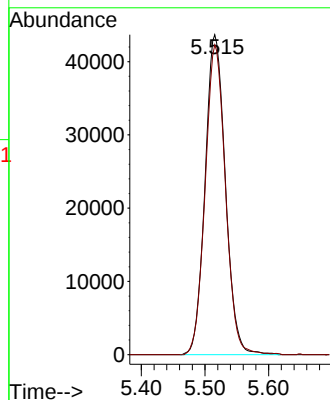
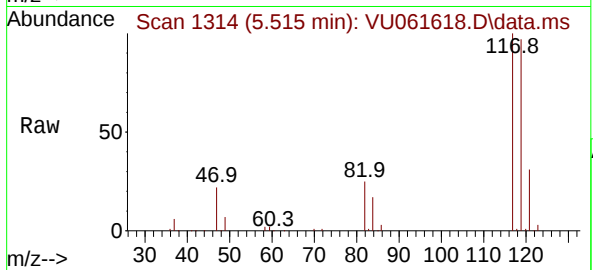




#31
Carbon tetrachloride
Concen: 5.156 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

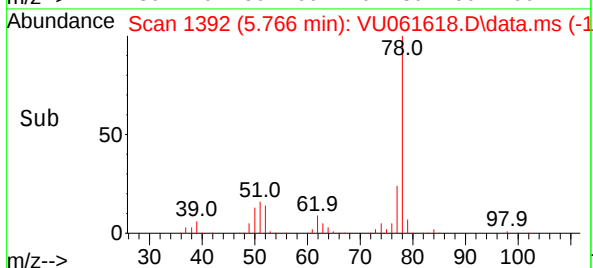
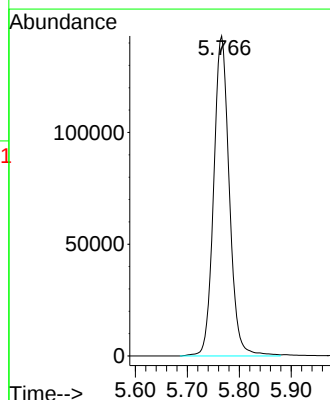
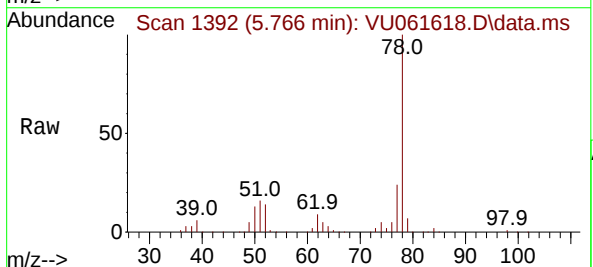
Instrument :
MSVOA_U
ClientSampleId :

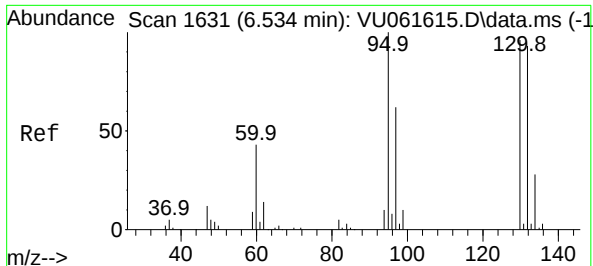
Tgt Ion:117 Resp: 96857
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8



#33
Benzene
Concen: 5.107 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 78 Resp: 299586

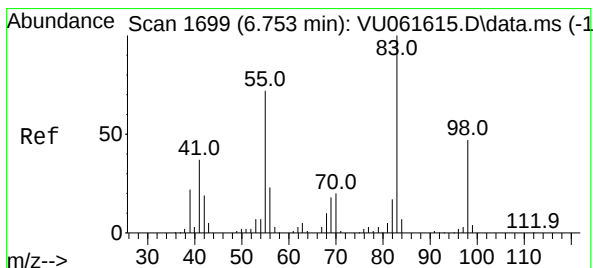
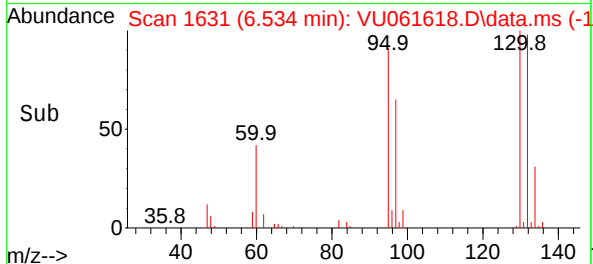
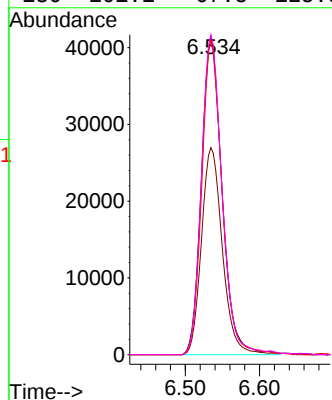
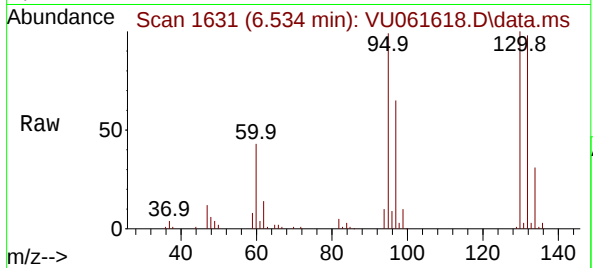




#34
Trichloroethene
Concen: 5.060 ug/L
RT: 6.534 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

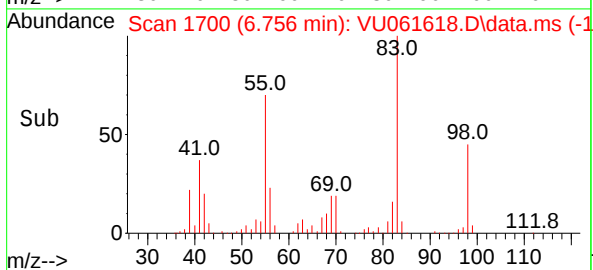
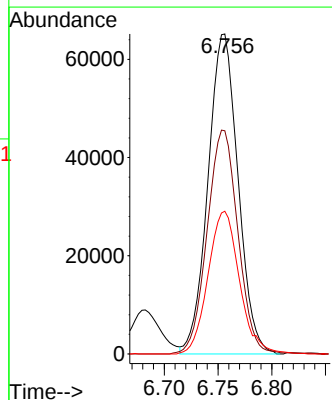
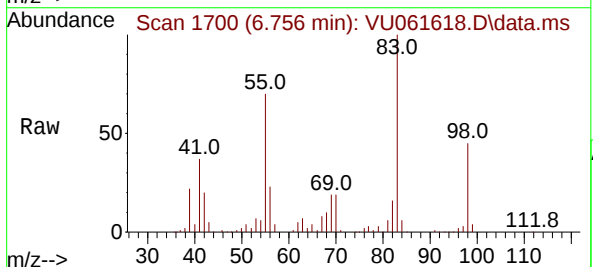
Instrument :
MSVOA_U
ClientSampleId :

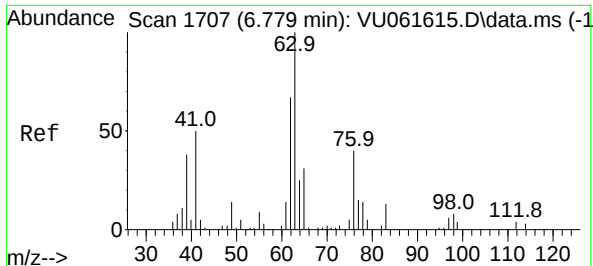
Tgt Ion: 95 Resp: 80146
Ion Ratio Lower Upper
95 100
97 65.4 43.5 80.9
132 99.5 65.2 121.0
130 101.1 67.5 125.3



#35
Methylcyclohexane
Concen: 5.310 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 83 Resp: 126832
Ion Ratio Lower Upper
83 100
55 71.7 56.4 84.6
98 46.6 37.7 56.5

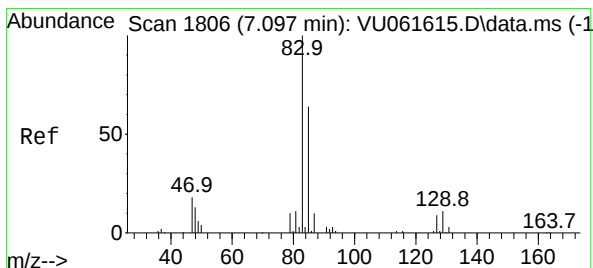
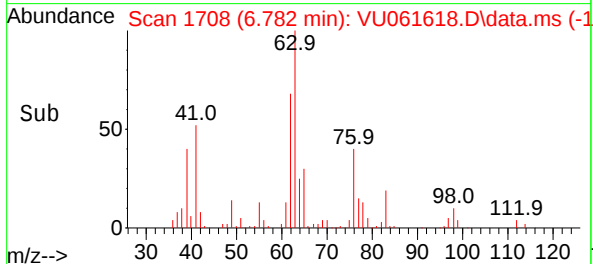
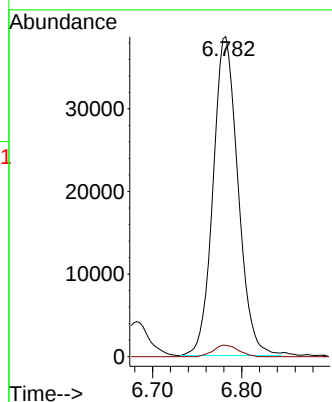
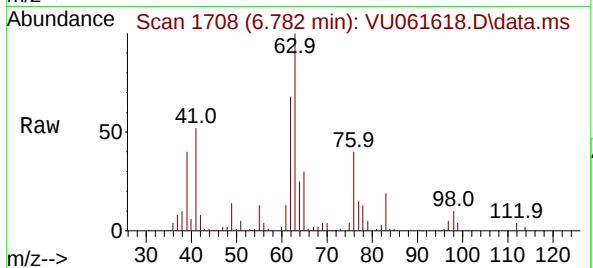




#37
1,2-Dichloropropane
Concen: 5.052 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

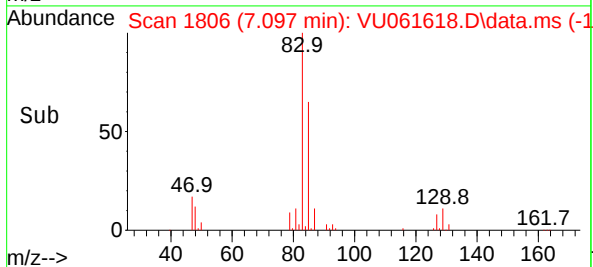
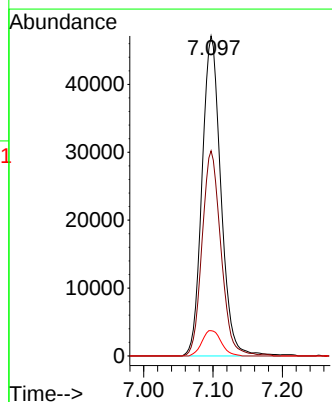
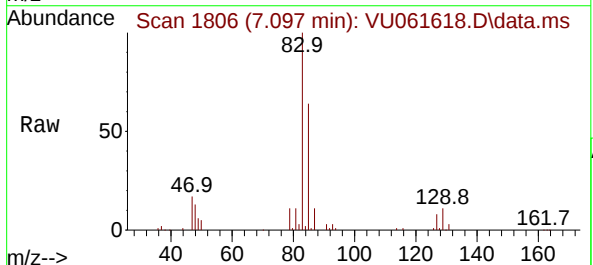
Instrument :
MSVOA_U
ClientSampleId :

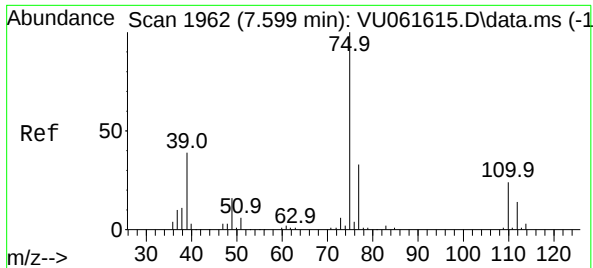
Tgt Ion: 63 Resp: 75181
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 4.982 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion: 83 Resp: 88965
Ion Ratio Lower Upper
83 100
85 64.1 45.0 83.6
127 7.9 6.9 10.3

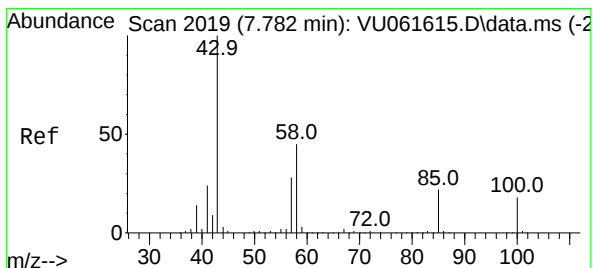
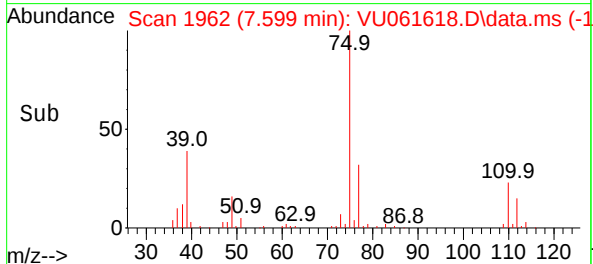
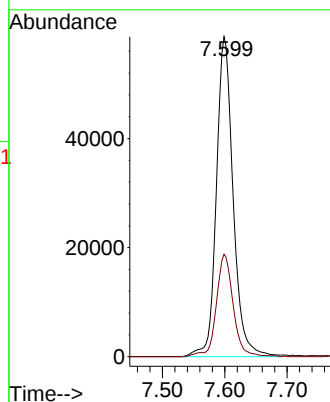
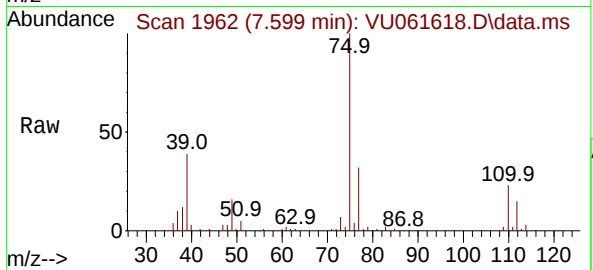




#39
 cis-1,3-Dichloropropene
 Concen: 5.170 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

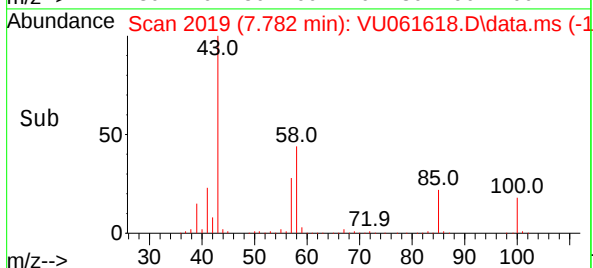
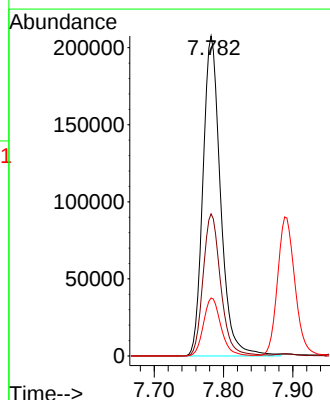
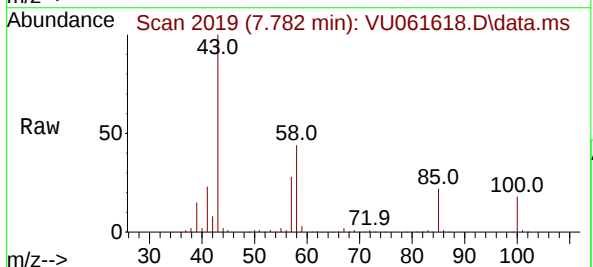
Instrument :
 MSVOA_U
 ClientSampleId :

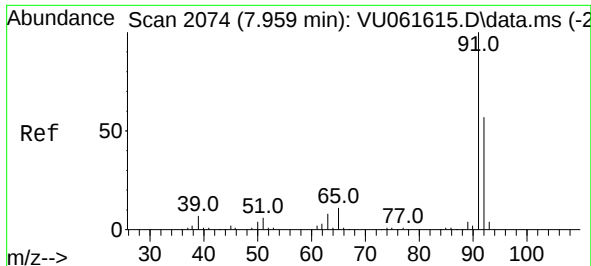
Tgt Ion: 75 Resp: 109509
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 51.410 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061618.D
 Acq: 13 Nov 2024 11:17

Tgt Ion: 43 Resp: 366832
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.7 53.5
 100 18.0 14.2 21.2





#42

Toluene

Concen: 5.215 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

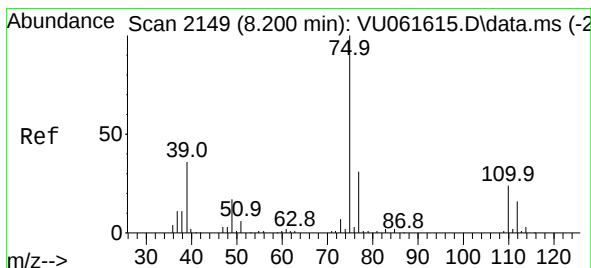
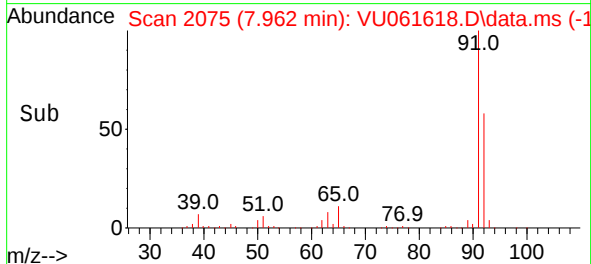
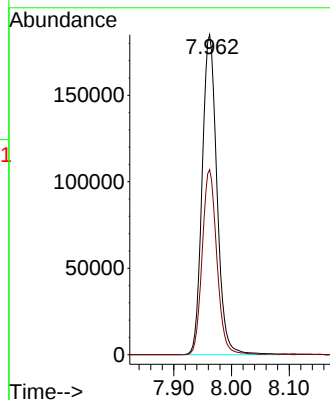
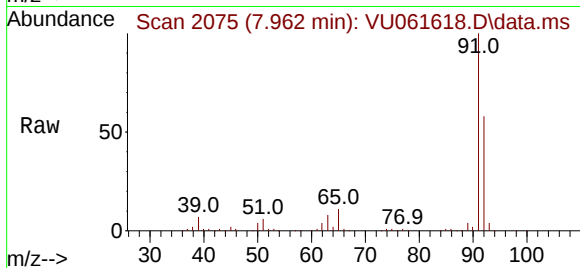
ClientSampleId :

Tgt Ion: 91 Resp: 329392

Ion Ratio Lower Upper

91 100

92 57.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.115 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU061618.D

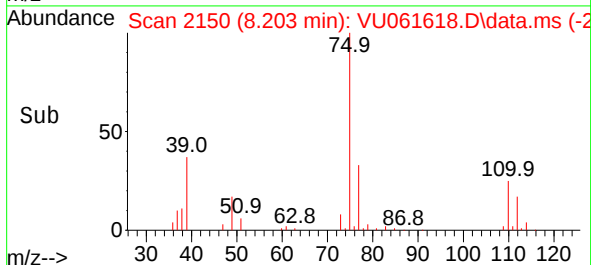
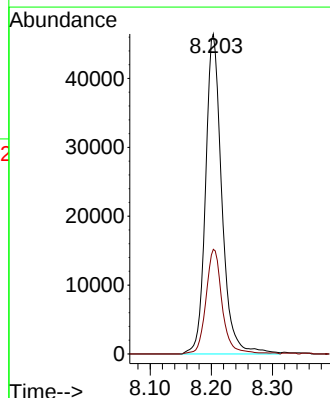
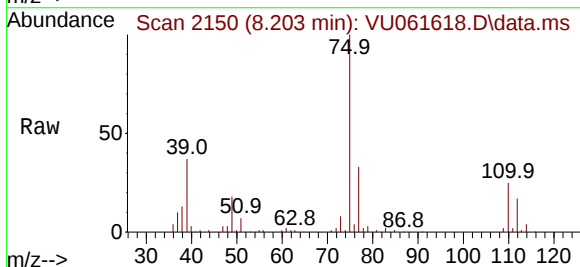
Acq: 13 Nov 2024 11:17

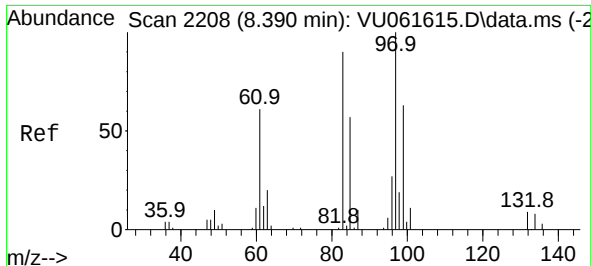
Tgt Ion: 75 Resp: 85936

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3

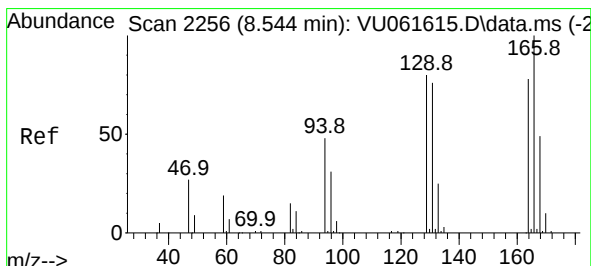
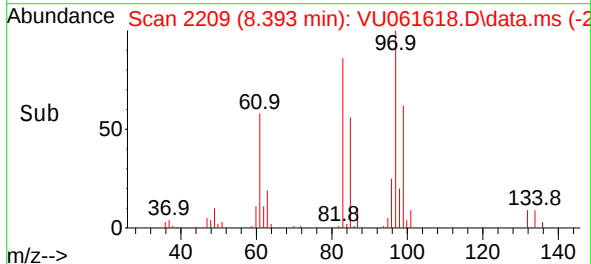
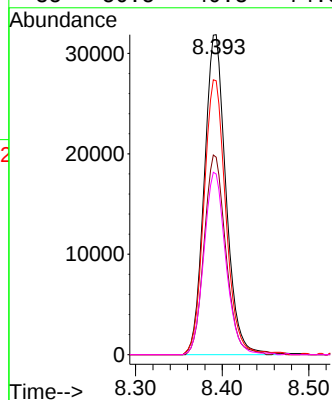
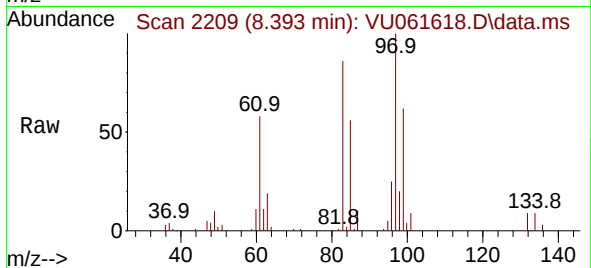




#45
1,1,2-Trichloroethane
Concen: 5.101 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

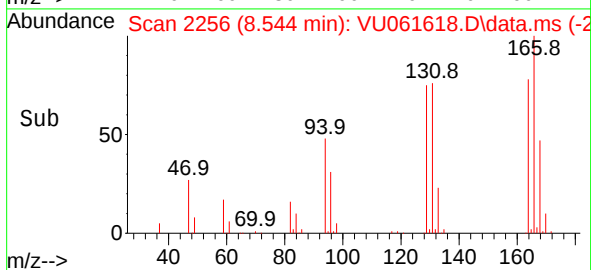
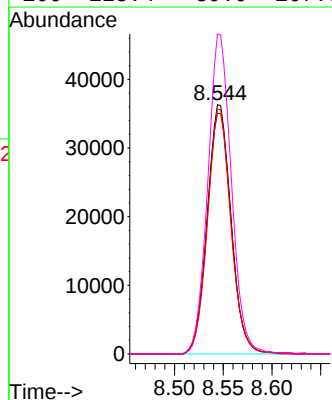
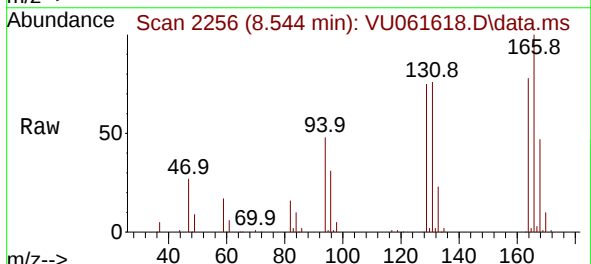
Instrument :
MSVOA_U
ClientSampleId :

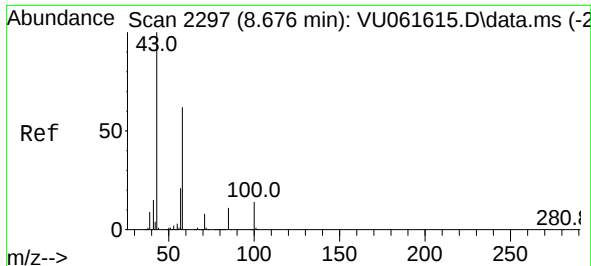
Tgt Ion:	97	Resp:	55344
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	85.6	63.2	117.4
85	56.5	40.3	74.8



#47
Tetrachloroethene
Concen: 5.178 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:	164	Resp:	61624
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.7	133.3
131	98.2	68.2	126.6
166	128.4	89.9	167.0

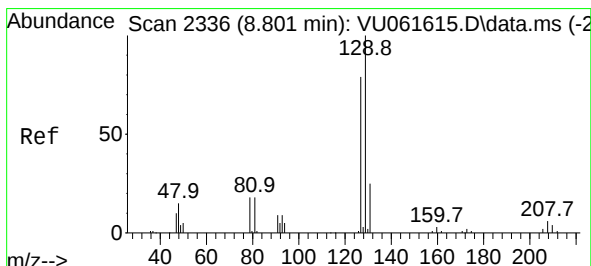
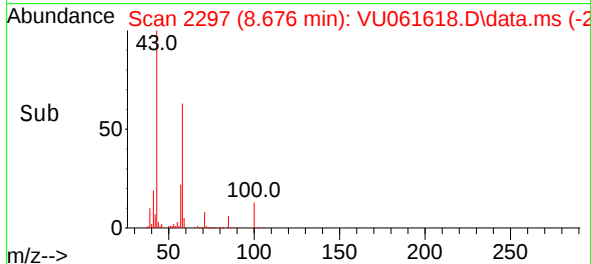
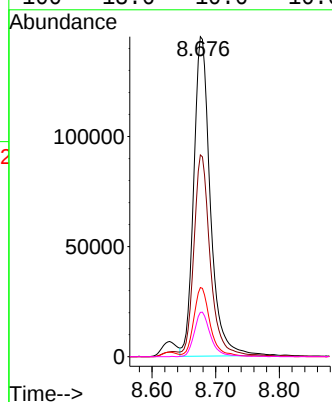
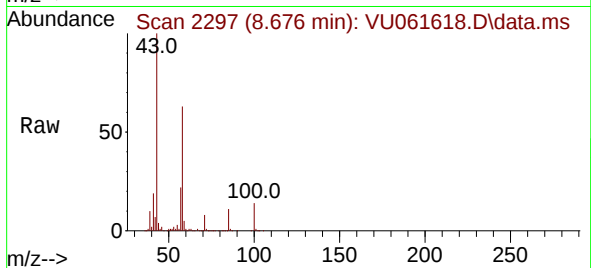




#48
2-Hexanone
Concen: 51.707 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

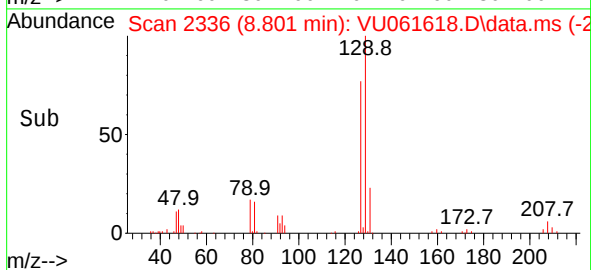
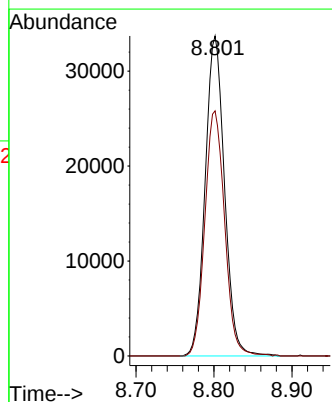
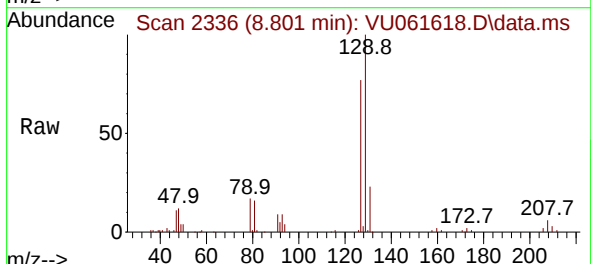
Instrument :
MSVOA_U
ClientSampleId :

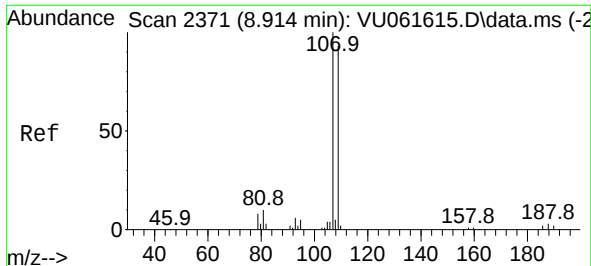
Tgt Ion: 43 Resp: 263809
Ion Ratio Lower Upper
43 100
58 62.0 49.4 74.2
57 20.8 16.3 24.5
100 13.6 10.6 16.0



#49
Dibromochloromethane
Concen: 5.106 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

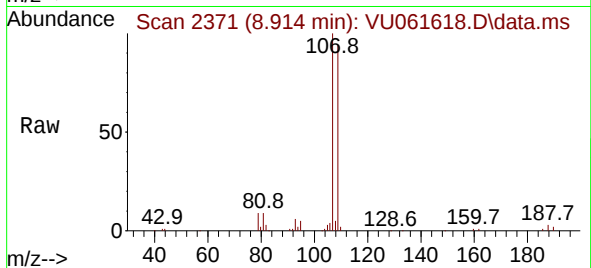
Tgt Ion:129 Resp: 58088
Ion Ratio Lower Upper
129 100
127 76.6 55.1 102.3



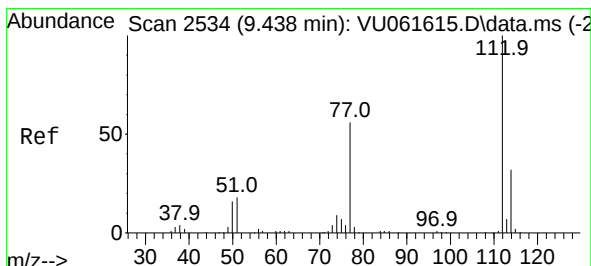
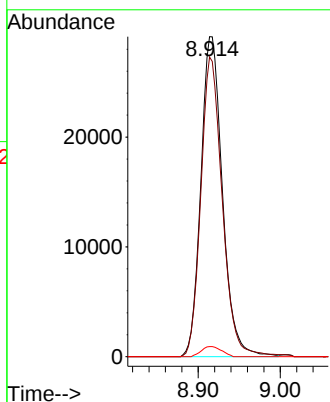
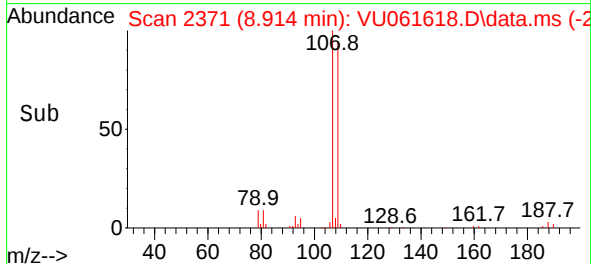


#50
1,2-Dibromoethane
Concen: 5.199 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Instrument :
MSVOA_U
ClientSampleId :

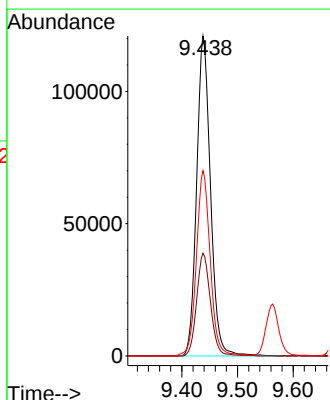
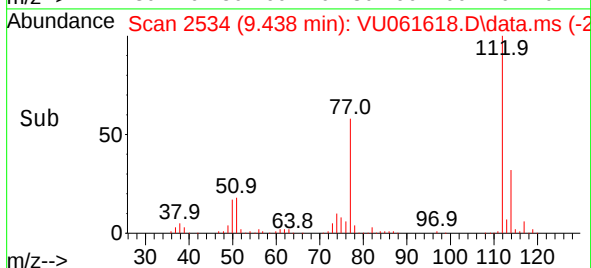
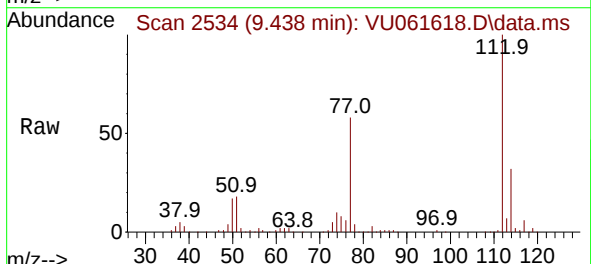


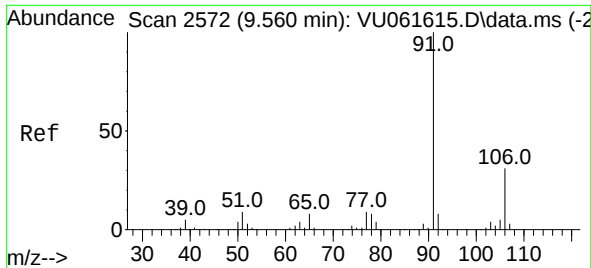
Tgt Ion:107 Resp: 53200
Ion Ratio Lower Upper
107 100
109 93.6 64.8 120.4
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 5.144 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:112 Resp: 209133
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 57.9 45.3 67.9

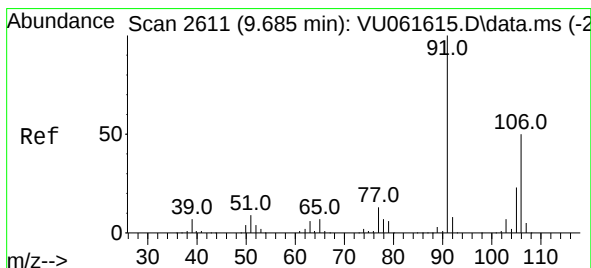
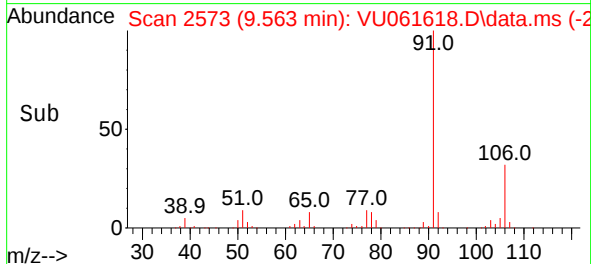
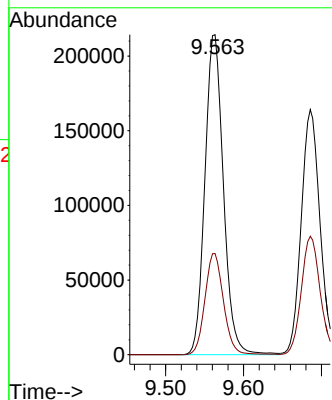
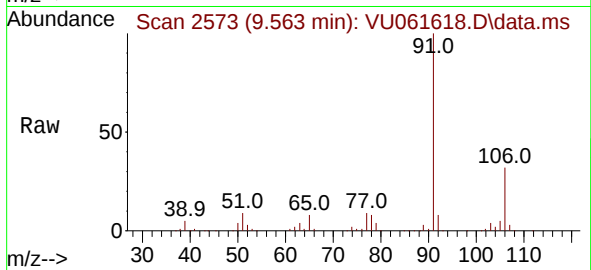




#52
Ethylbenzene
Concen: 5.259 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

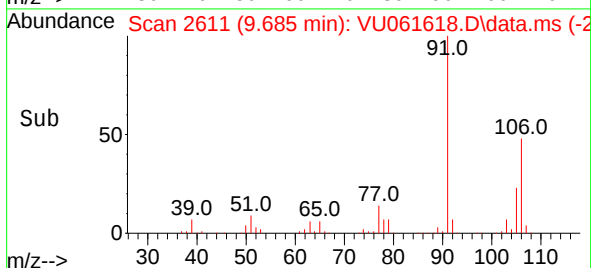
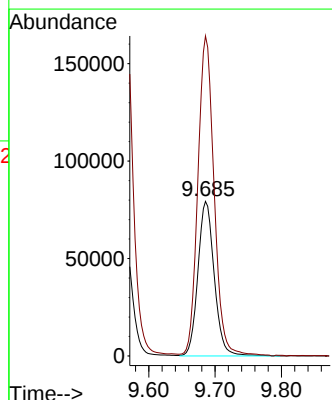
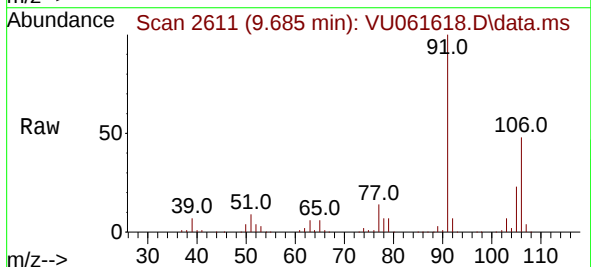
Instrument :
MSVOA_U
ClientSampleId :

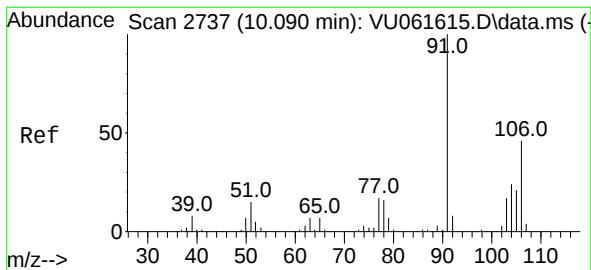
Tgt Ion: 91 Resp: 353822
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.272 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:106 Resp: 135722
Ion Ratio Lower Upper
106 100
91 207.0 140.4 260.8





#54

o-Xylene

Concen: 5.204 ug/L

RT: 10.091 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

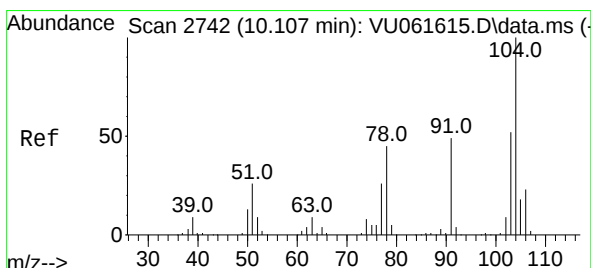
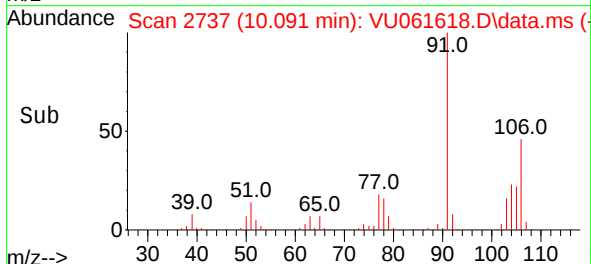
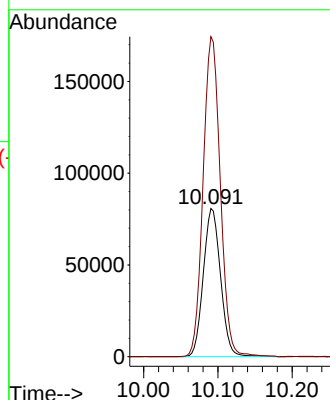
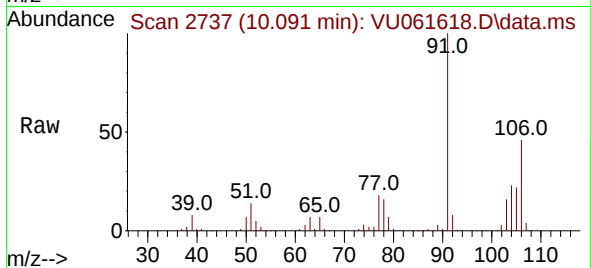
ClientSampleId :

Tgt Ion:106 Resp: 130209

Ion Ratio Lower Upper

106 100

91 216.0 151.3 280.9



#55

Styrene

Concen: 5.407 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061618.D

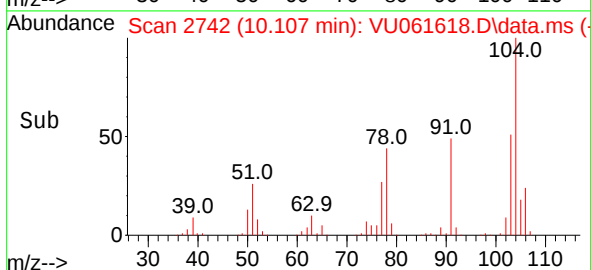
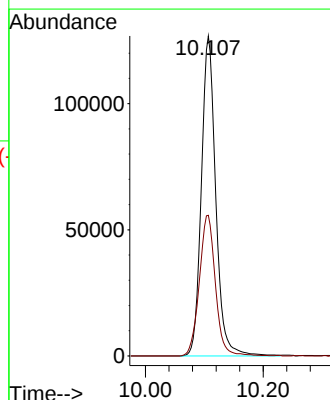
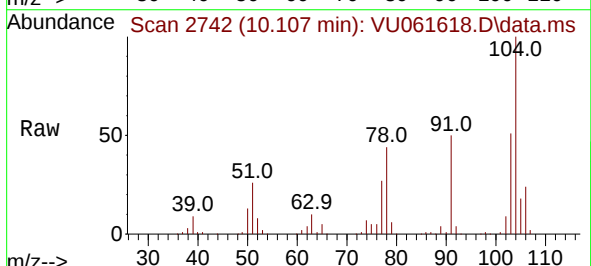
Acq: 13 Nov 2024 11:17

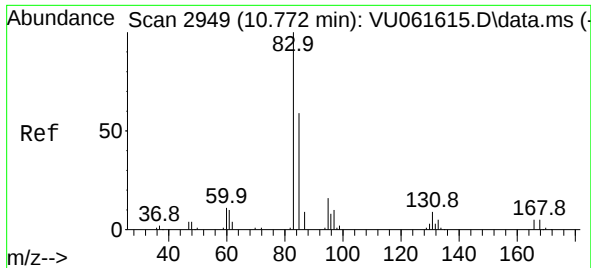
Tgt Ion:104 Resp: 215416

Ion Ratio Lower Upper

104 100

78 44.0 31.6 58.6

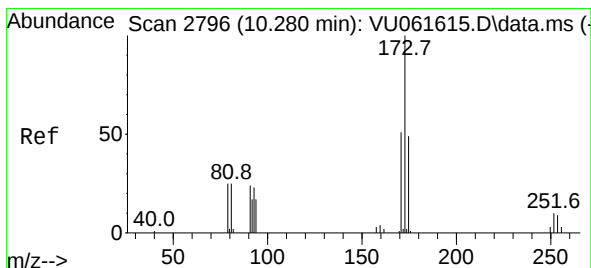
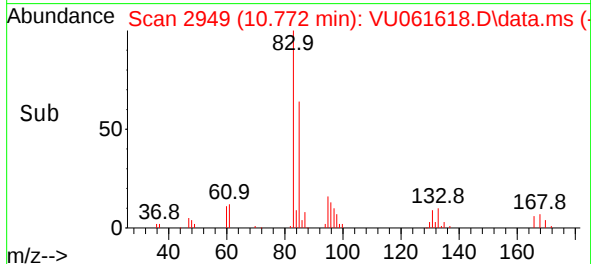
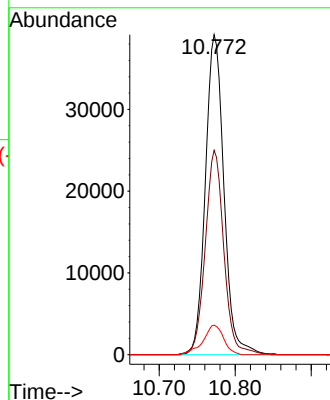
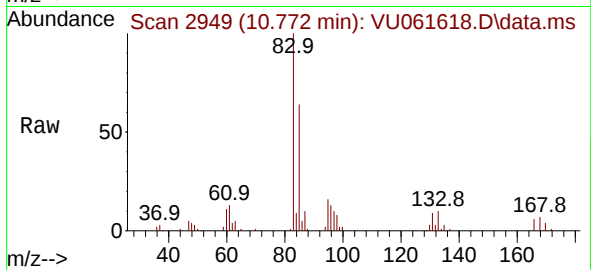




#57
1,1,2,2-Tetrachloroethane
Concen: 5.015 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

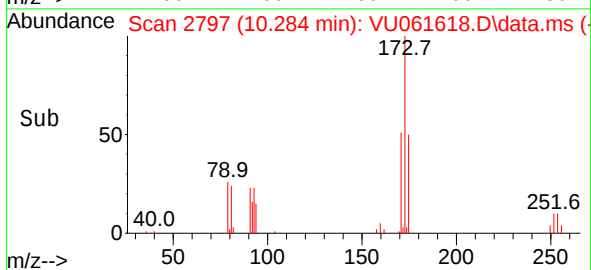
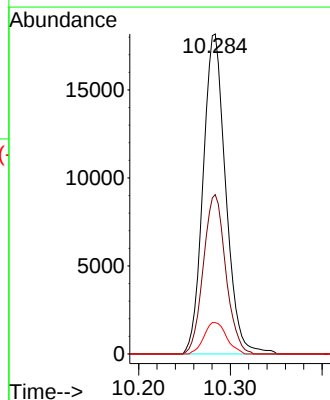
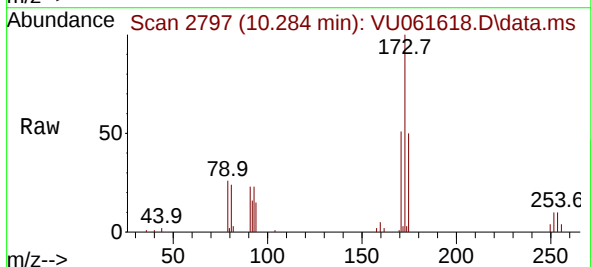
Instrument :
MSVOA_U
ClientSampleId :

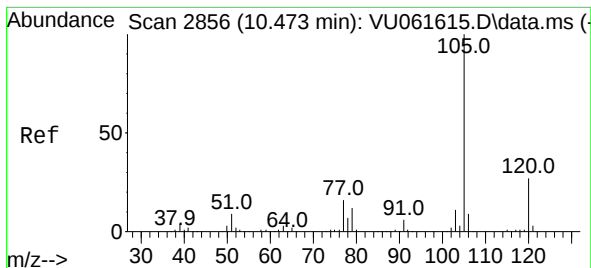
Tgt Ion: 83 Resp: 66211
Ion Ratio Lower Upper
83 100
85 63.9 41.9 77.9
131 9.3 7.8 11.6



#59
Bromoform
Concen: 4.975 ug/L
RT: 10.284 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:173 Resp: 31151
Ion Ratio Lower Upper
173 100
175 49.3 39.3 58.9
254 9.8 7.8 11.8





#60

Isopropylbenzene

Concen: 5.352 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

ClientSampleId :

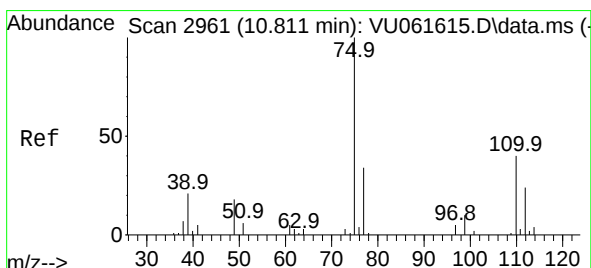
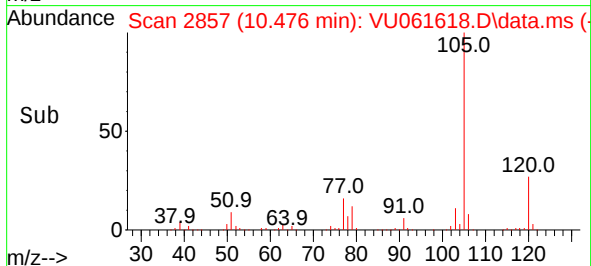
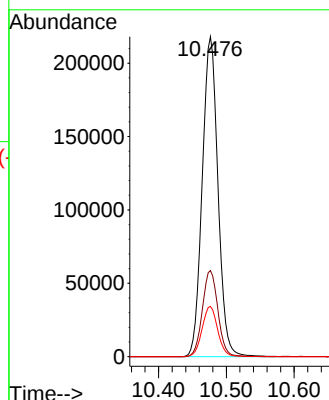
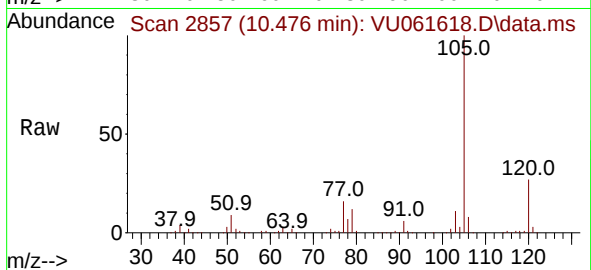
Tgt Ion:105 Resp: 351110

Ion Ratio Lower Upper

105 100

120 26.6 21.6 32.4

77 15.6 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.997 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

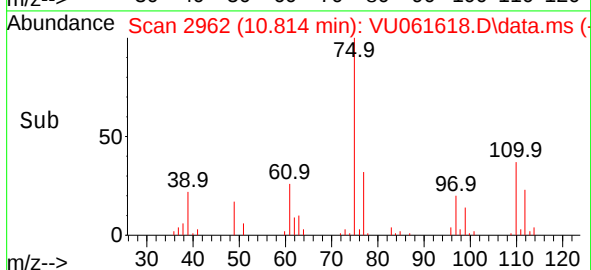
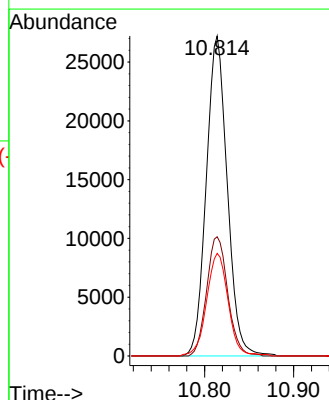
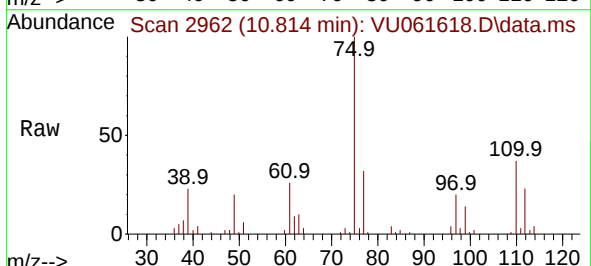
Tgt Ion: 75 Resp: 44535

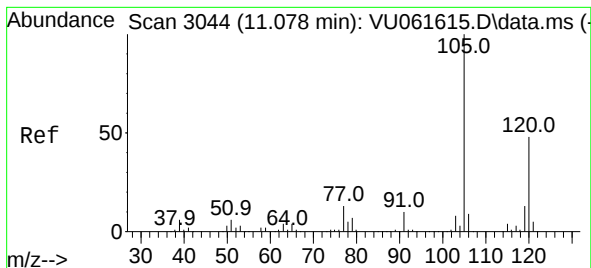
Ion Ratio Lower Upper

75 100

110 37.4 31.3 46.9

77 32.8 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 5.311 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

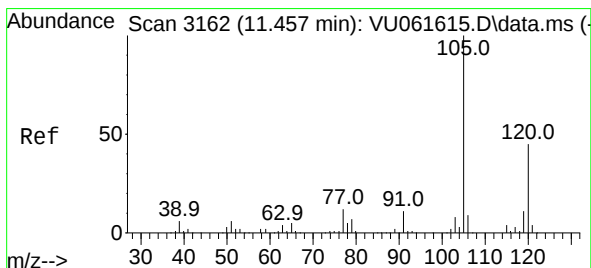
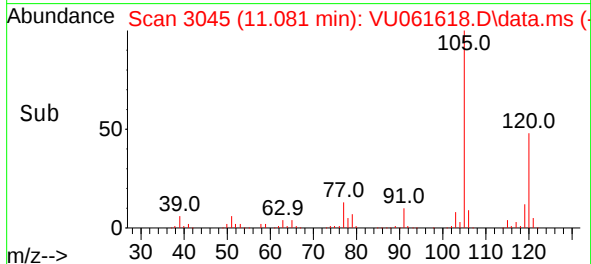
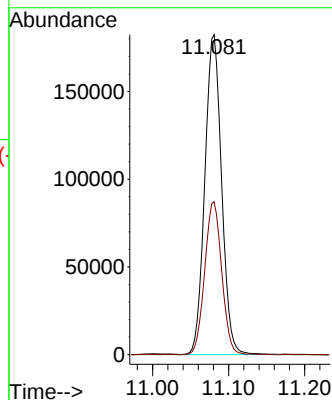
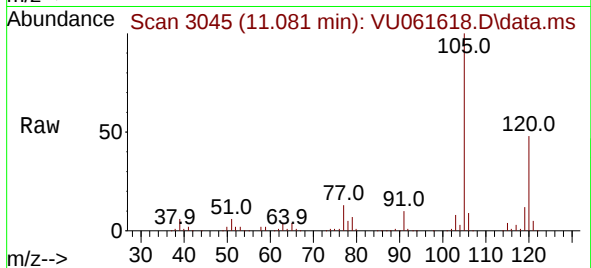
ClientSampleId :

Tgt Ion:105 Resp: 279009

Ion Ratio Lower Upper

105 100

120 48.7 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.409 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061618.D

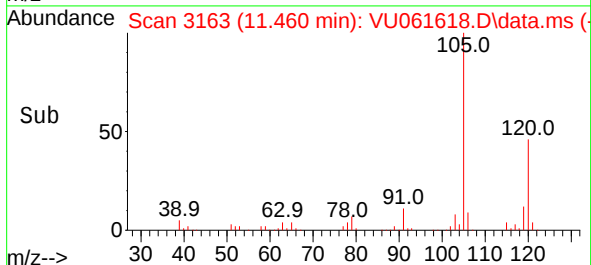
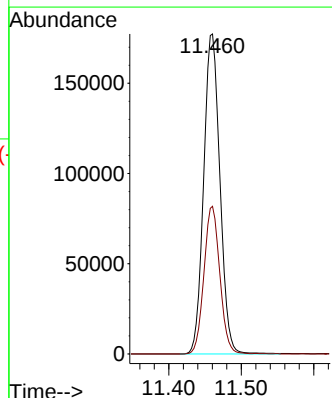
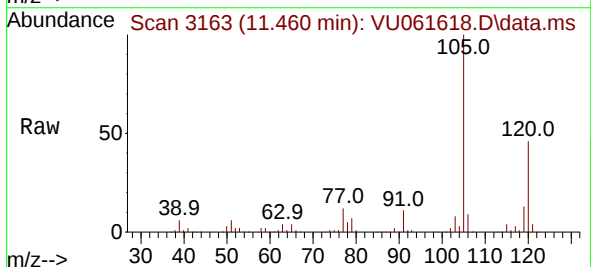
Acq: 13 Nov 2024 11:17

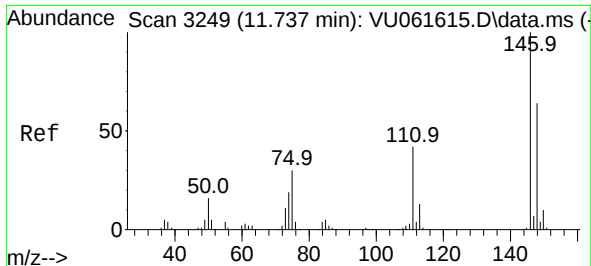
Tgt Ion:105 Resp: 276580

Ion Ratio Lower Upper

105 100

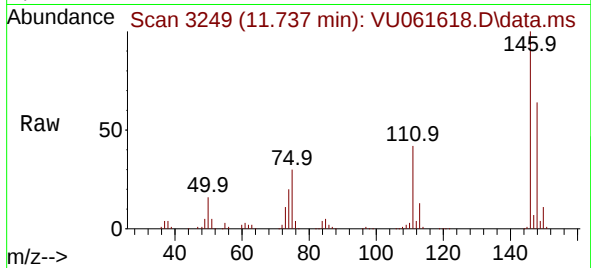
120 45.0 36.3 54.5



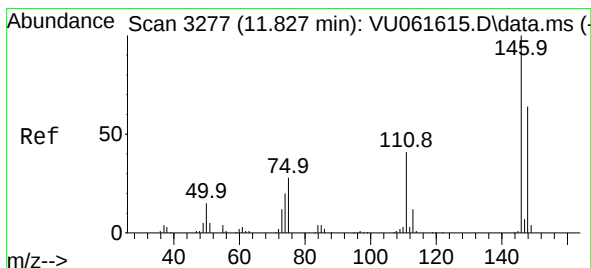
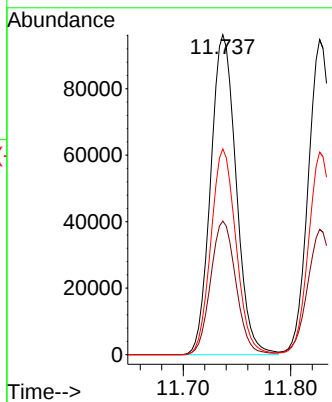
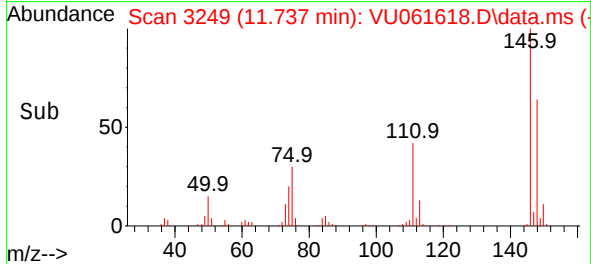


#64
1,3-Dichlorobenzene
Concen: 5.272 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Instrument :
MSVOA_U
ClientSampleId :

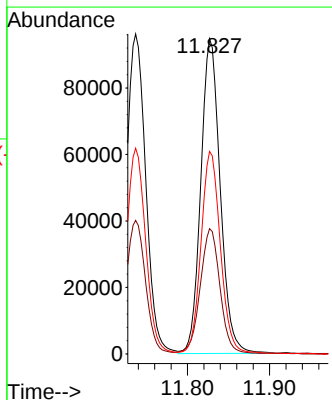
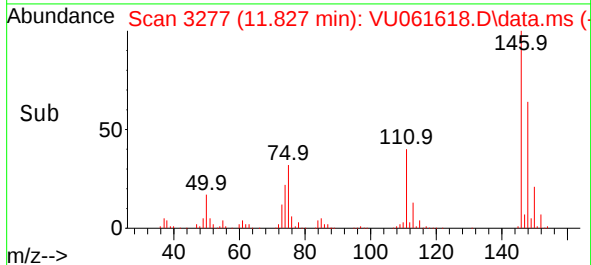
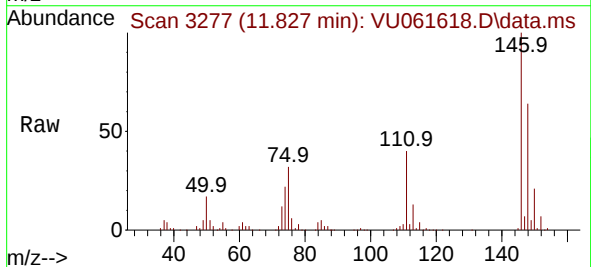


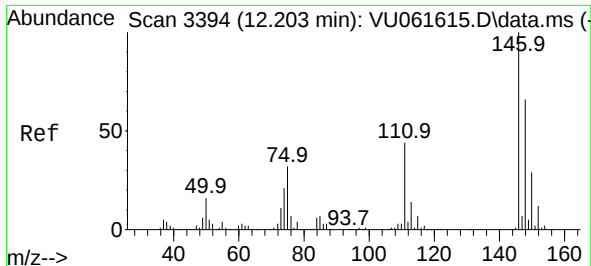
Tgt Ion:146 Resp: 158616
Ion Ratio Lower Upper
146 100
111 41.8 29.3 54.3
148 64.3 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.090 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:146 Resp: 155502
Ion Ratio Lower Upper
146 100
111 39.7 28.8 53.4
148 64.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.165 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

ClientSampleId :

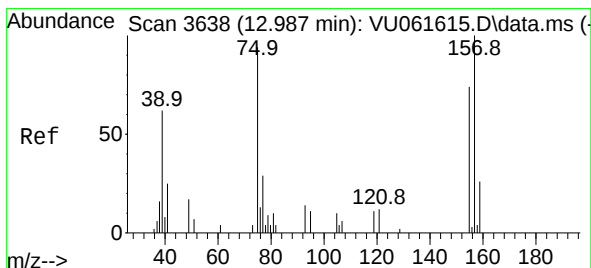
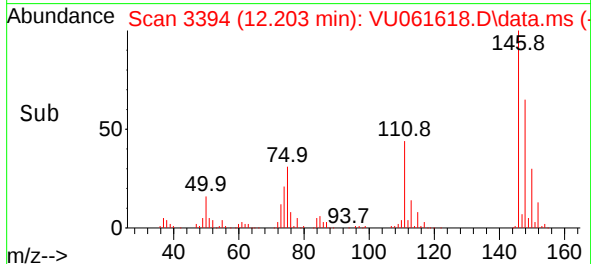
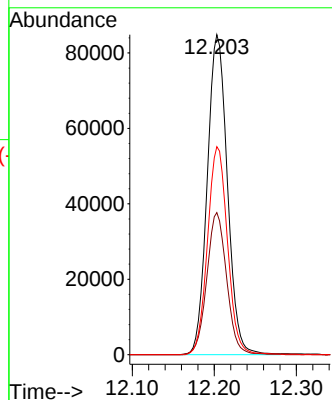
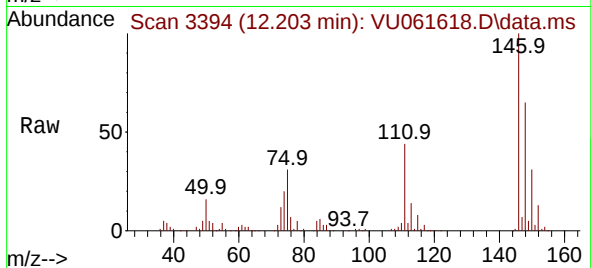
Tgt Ion:146 Resp: 144536

Ion Ratio Lower Upper

146 100

111 44.4 35.2 52.8

148 65.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.147 ug/L

RT: 12.988 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

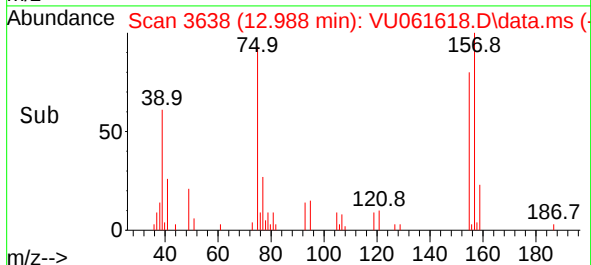
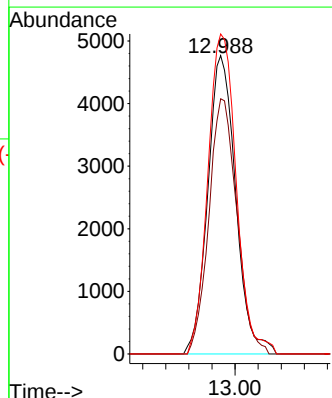
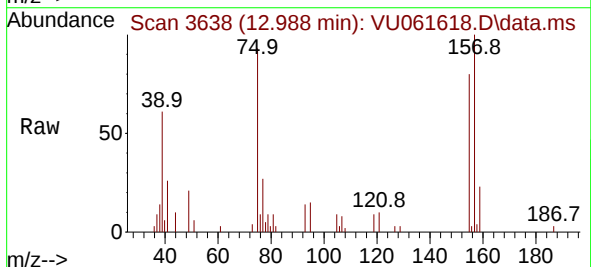
Tgt Ion: 75 Resp: 8010

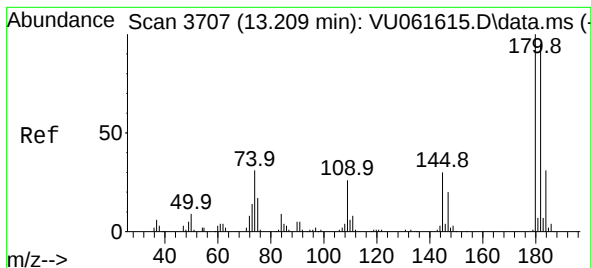
Ion Ratio Lower Upper

75 100

155 85.5 62.6 93.8

157 107.2 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 5.351 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

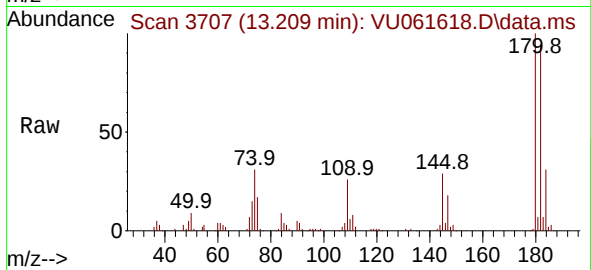
Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 112416

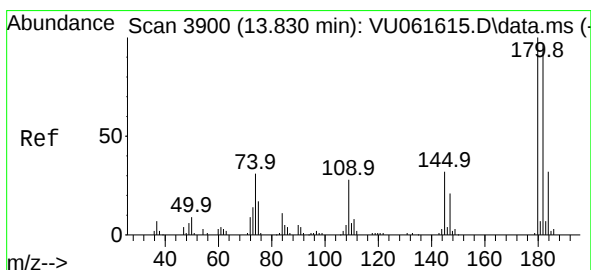
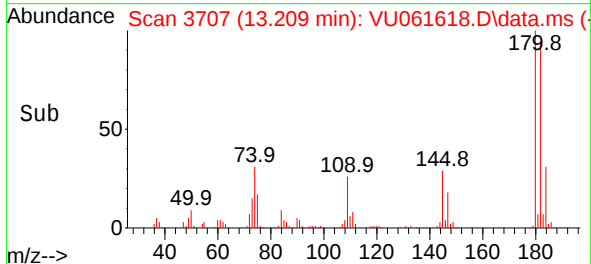
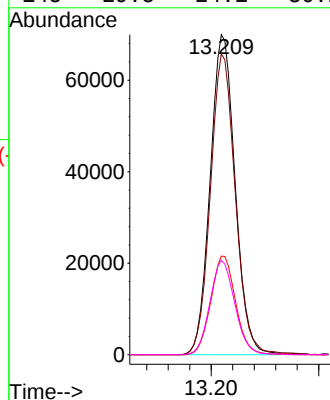
Ion Ratio Lower Upper

180 100

182 94.1 77.1 115.7

184 30.6 24.7 37.1

145 29.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.472 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU061618.D

Acq: 13 Nov 2024 11:17

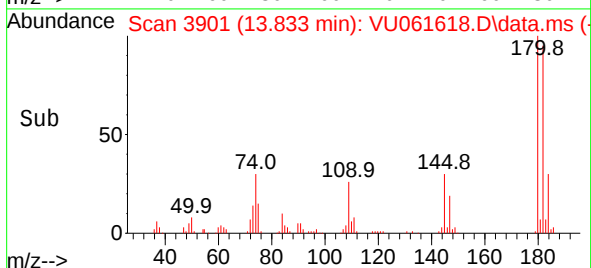
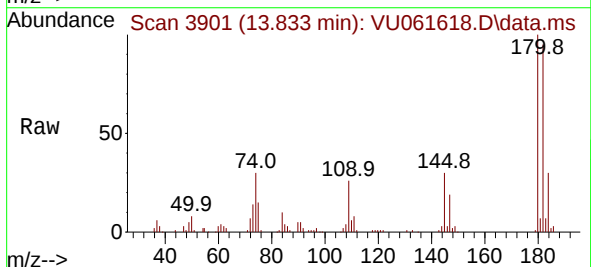
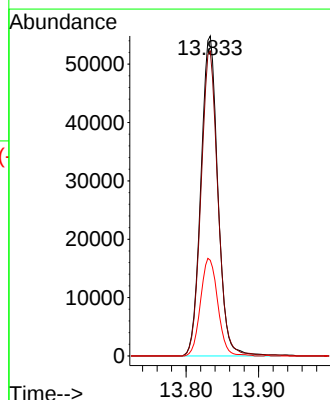
Tgt Ion:180 Resp: 89092

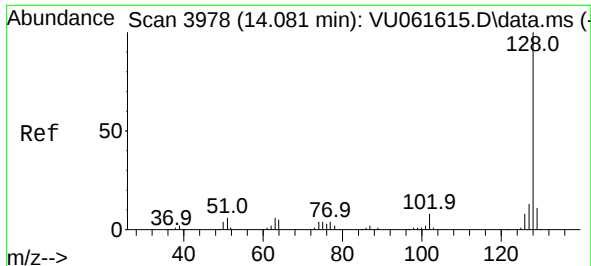
Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.0

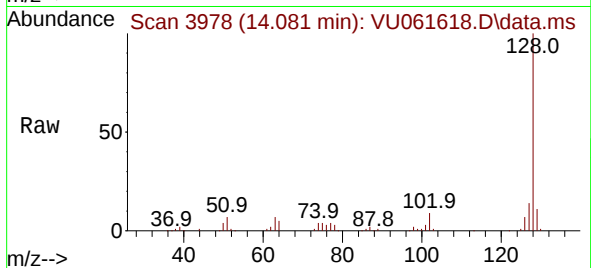
145 31.0 24.5 36.7



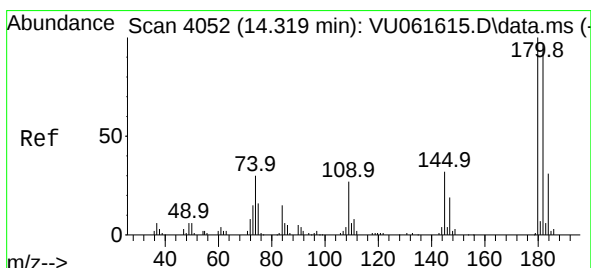
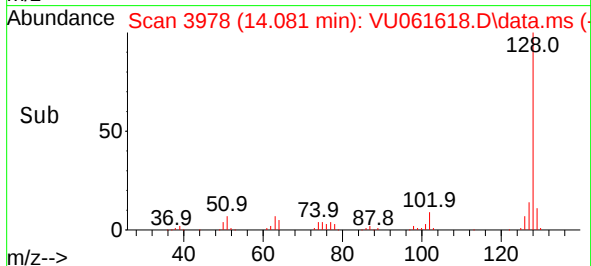
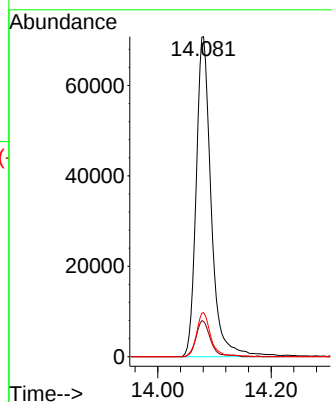


#71
Naphthalene
Concen: 5.567 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 130118
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.547 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.003 min
Lab File: VU061618.D
Acq: 13 Nov 2024 11:17

Tgt Ion:180 Resp: 75810
Ion Ratio Lower Upper
180 100
182 96.5 76.6 114.8
145 31.9 26.3 39.5

