

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061755.D
 Acq On : 16 Nov 2024 19:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 04:03:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44419	3.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	42608	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	19629	3.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.628	46	136027	52.410	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	5.052	84	109802	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.692	65	54707	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.718	84	210390	4.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	66463	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	192163	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.174	79	23126	4.302	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	112656	53.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57824	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	70062	4.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63112	4.487	ug/L	100
3) Chloromethane	1.515	50	59091	4.631	ug/L	99
5) Vinyl chloride	1.602	62	66002	4.687	ug/L	99
6) Bromomethane	1.853	94	38868	4.626	ug/L	98
8) Chloroethane	1.930	64	46458	4.756	ug/L	100
9) Trichlorofluoromethane	2.132	101	94533	4.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56814	4.642	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52566	4.601	ug/L	95
13) Acetone	2.647	43	79489	48.612	ug/L	98
14) Carbon disulfide	2.788	76	152992	4.169	ug/L	100
15) Methyl Acetate	2.956	43	18685	4.574	ug/L	95
16) Methylene chloride	3.039	84	61145	4.644	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	135523	4.840	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	58382	4.659	ug/L	98
19) 1,1-Dichloroethane	3.859	63	110019	4.815	ug/L	96
21) 2-Butanone	4.708	43	128040	47.945	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	66914	4.735	ug/L	99
23) Bromochloromethane	4.965	128	30788	4.905	ug/L	98
25) Chloroform	5.078	83	117087	4.862	ug/L	96

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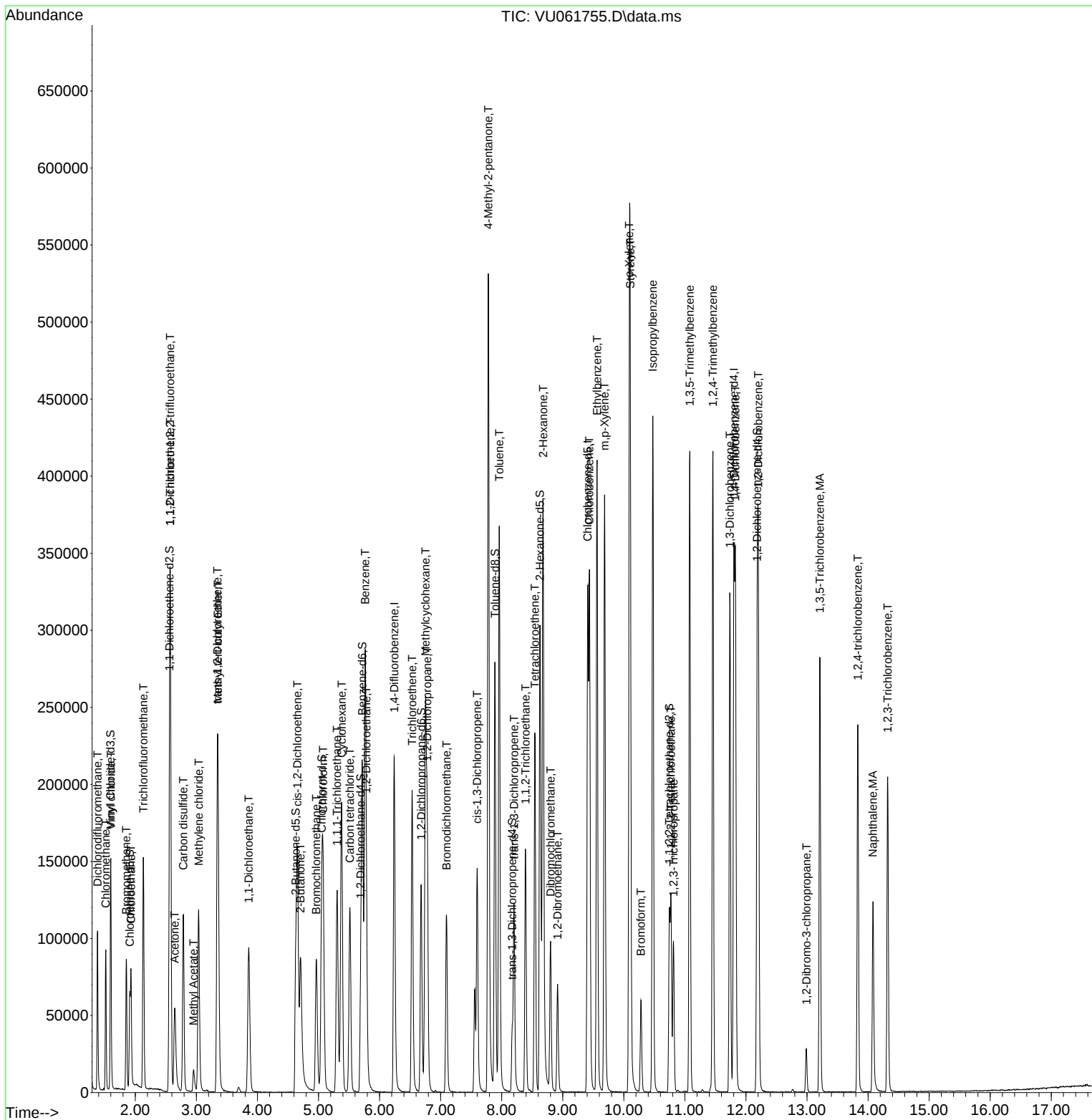
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 ClientSampleId :

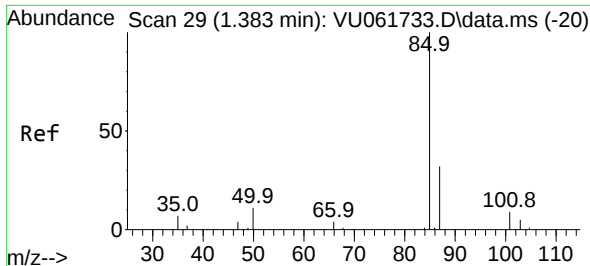
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71459	4.729	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	96398	4.736	ug/L	99
30) Cyclohexane	5.380	56	93236	4.586	ug/L	98
31) Carbon tetrachloride	5.515	117	82093	4.735	ug/L	100
33) Benzene	5.766	78	260763	4.817	ug/L	100
34) Trichloroethene	6.534	95	67127	4.592	ug/L	95
35) Methylcyclohexane	6.753	83	101109	4.587	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65779	4.790	ug/L	99
38) Bromodichloromethane	7.097	83	78419	4.759	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	93140	4.765	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	334768	50.840	ug/L	100
42) Toluene	7.962	91	280875	4.819	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	71901	4.638	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	50307	5.025	ug/L	99
47) Tetrachloroethene	8.544	164	50804	4.625	ug/L	98
48) 2-Hexanone	8.679	43	246150	52.281	ug/L	99
49) Dibromochloromethane	8.801	129	50703	4.830	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46937	4.970	ug/L	99
51) Chlorobenzene	9.438	112	180696	4.816	ug/L	99
52) Ethylbenzene	9.563	91	301125	4.850	ug/L	100
53) m,p-Xylene	9.685	106	113861	4.793	ug/L	96
54) o-Xylene	10.090	106	113406	4.912	ug/L	93
55) Styrene	10.106	104	184768	5.026	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	60919	5.000	ug/L	95
59) Bromoform	10.280	173	27328	4.643	ug/L	97
60) Isopropylbenzene	10.476	105	296005	4.800	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41318	4.932	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	230823	4.675	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	231801	4.823	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	133218	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	131783	4.589	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	126884	4.824	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	6906	4.721	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	92544	4.687	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	73227	4.785	ug/L	98
71) Naphthalene	14.081	128	108854	4.955	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65206	5.076	ug/L	98

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

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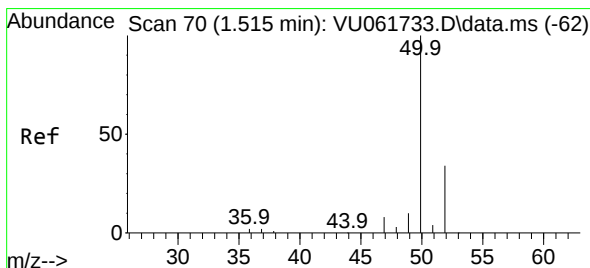
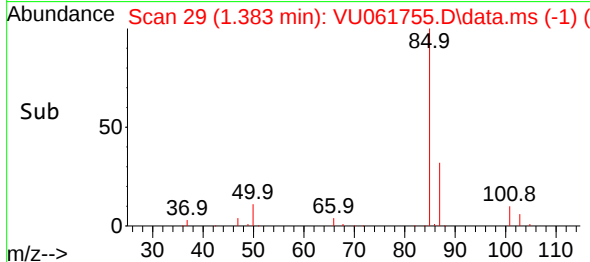
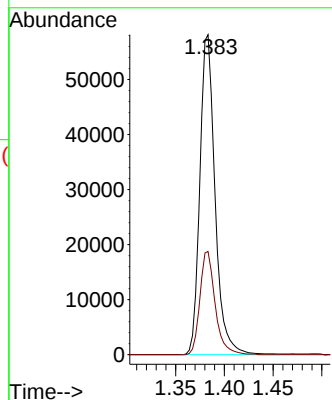
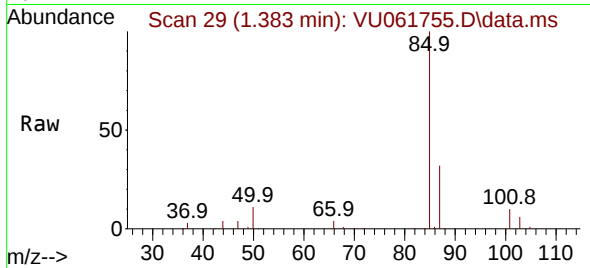




#2
 Dichlorodifluoromethane
 Concen: 4.487 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

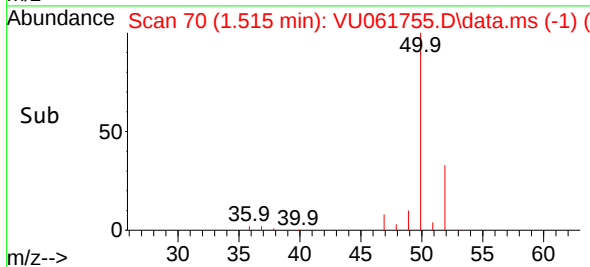
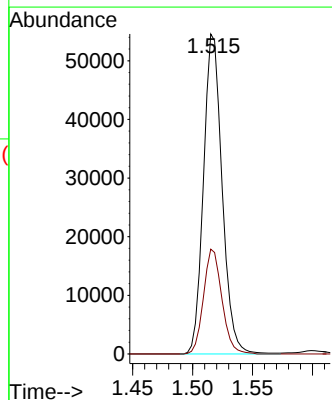
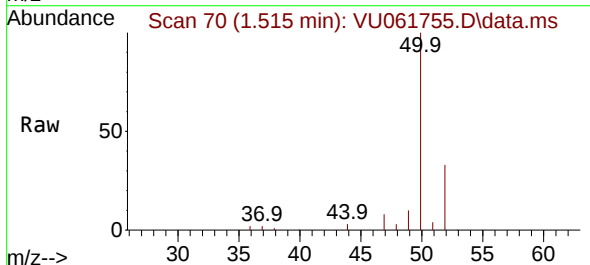
Instrument :
 MSVOA_U
 ClientSampleId :

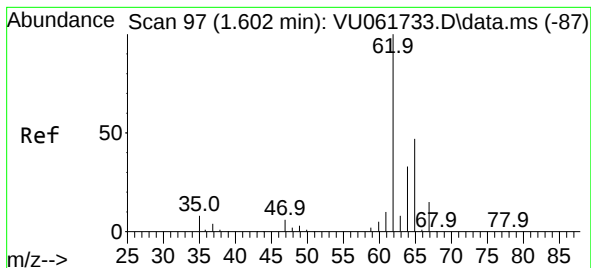
Tgt Ion: 85 Resp: 63112
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.631 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

Tgt Ion: 50 Resp: 59091
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2





#5

Vinyl chloride

Concen: 4.687 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

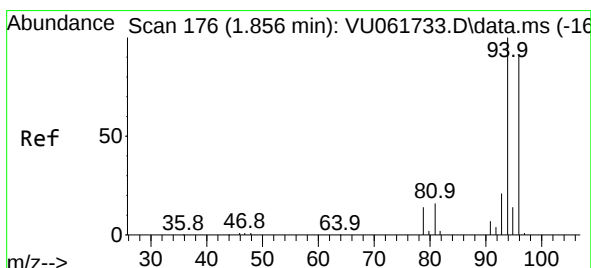
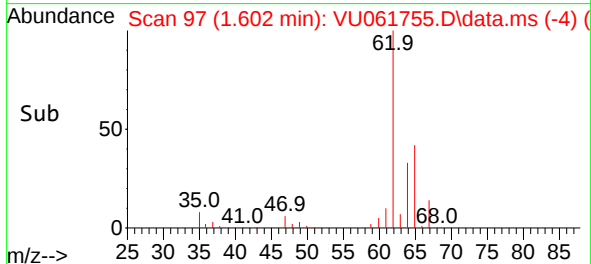
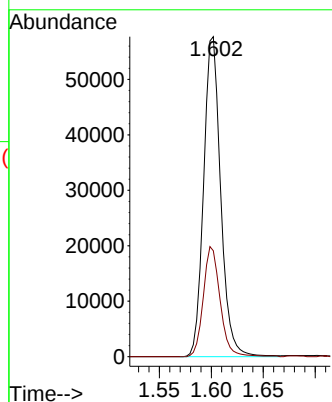
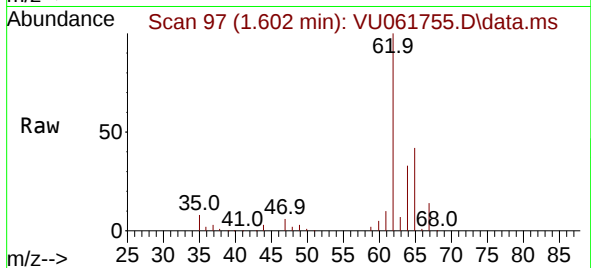
ClientSampleId :

Tgt Ion: 62 Resp: 66002

Ion Ratio Lower Upper

62 100

64 33.1 23.7 44.1



#6

Bromomethane

Concen: 4.626 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU061755.D

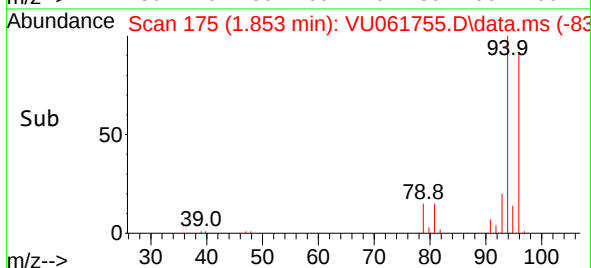
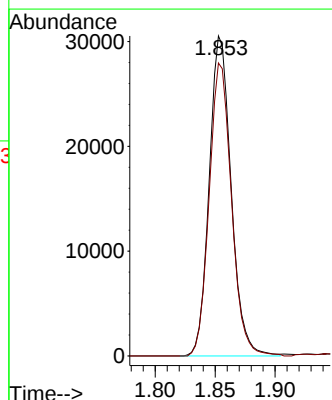
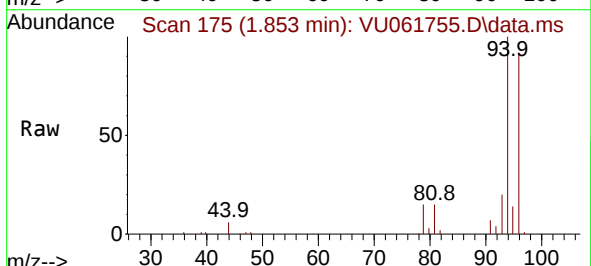
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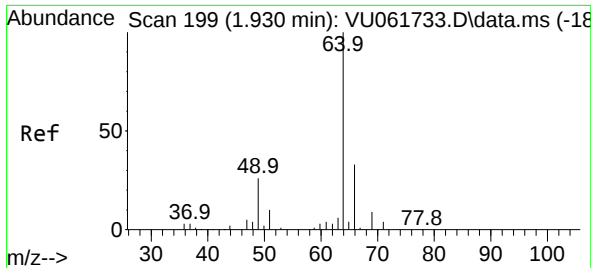
Tgt Ion: 94 Resp: 38868

Ion Ratio Lower Upper

94 100

96 91.6 65.7 121.9

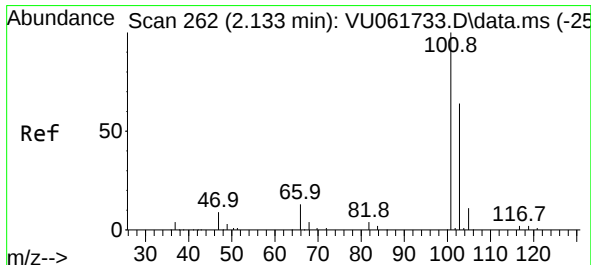
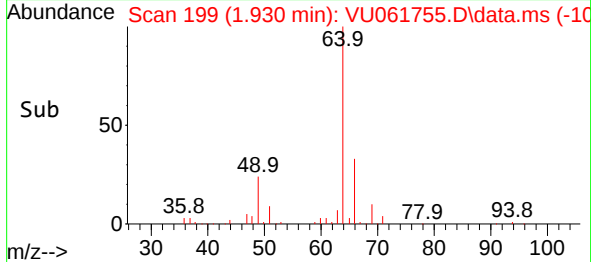
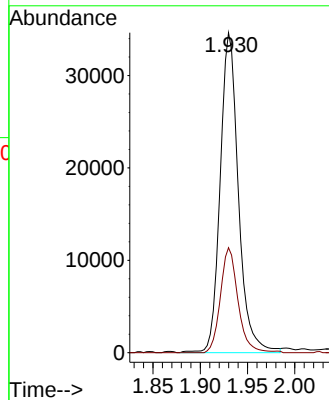
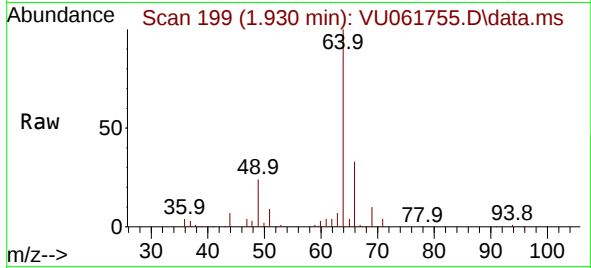




#8
Chloroethane
Concen: 4.756 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

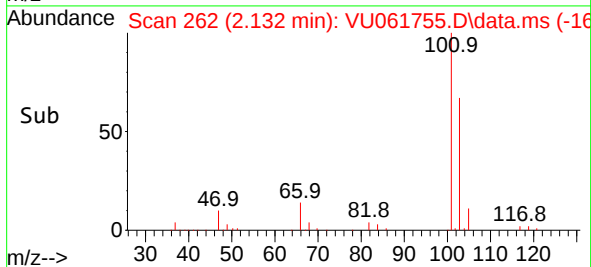
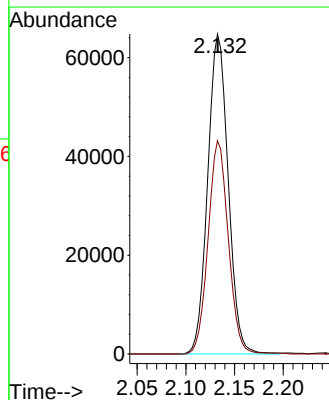
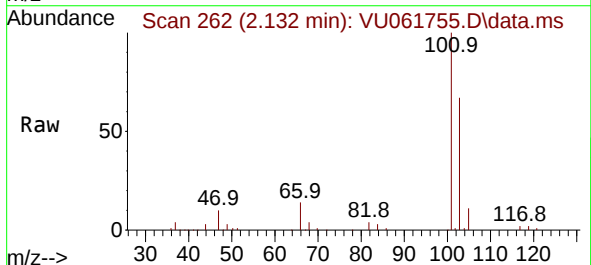
Instrument :
MSVOA_U
ClientSampleId :

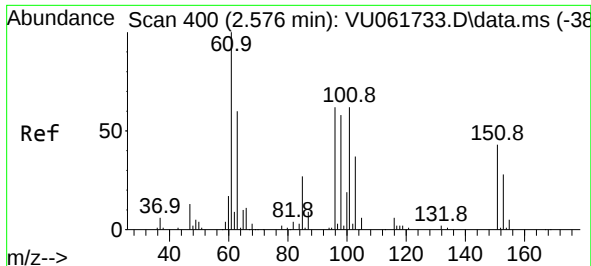
Tgt Ion: 64 Resp: 46458
Ion Ratio Lower Upper
64 100
66 32.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.566 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion:101 Resp: 94533
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.2

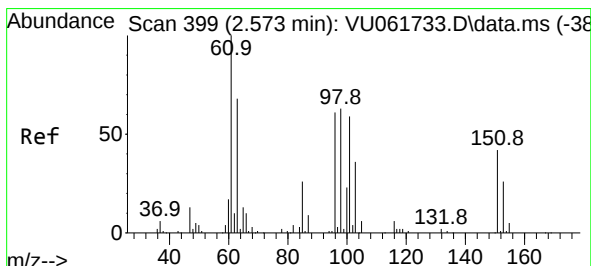
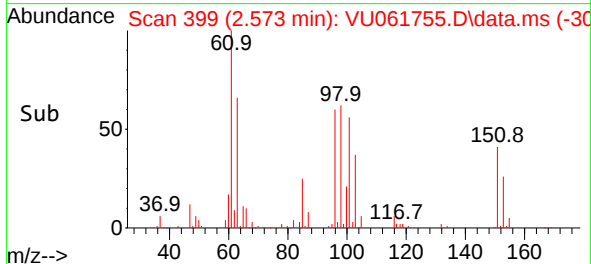
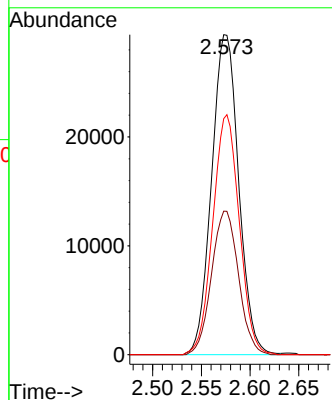
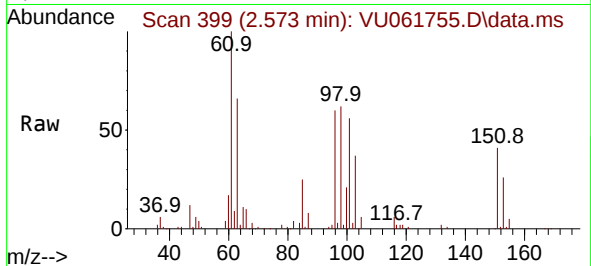




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.642 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

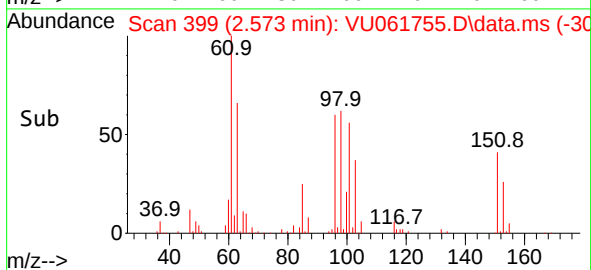
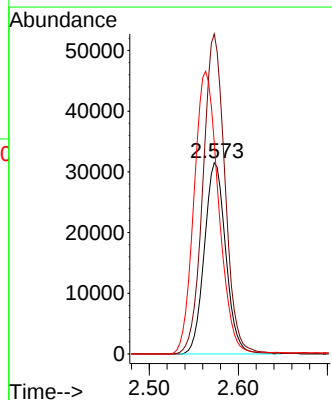
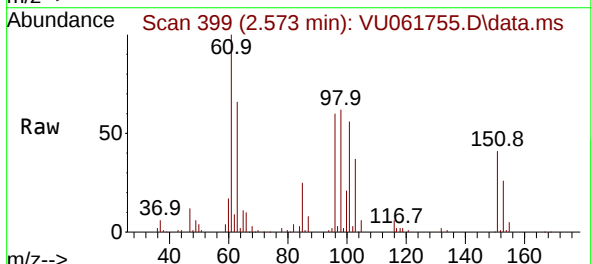
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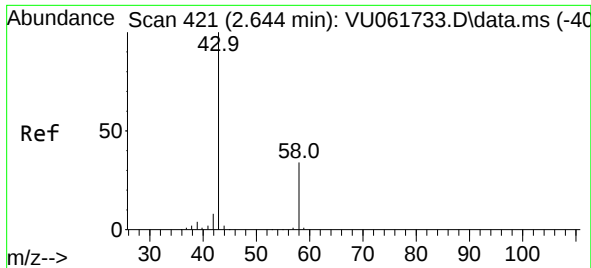
Tgt Ion:101 Resp: 56814
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.1 52.7
 151 73.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.601 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

Tgt Ion: 96 Resp: 52566
 Ion Ratio Lower Upper
 96 100
 61 167.4 116.8 217.0
 63 110.5 86.1 159.9





#13

Acetone

Concen: 48.612 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

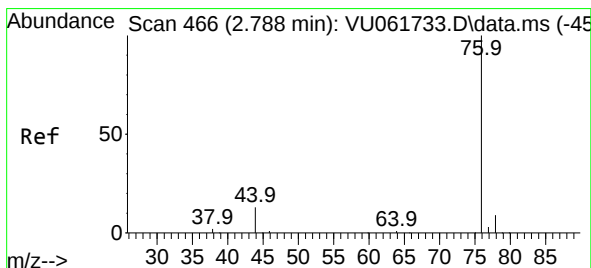
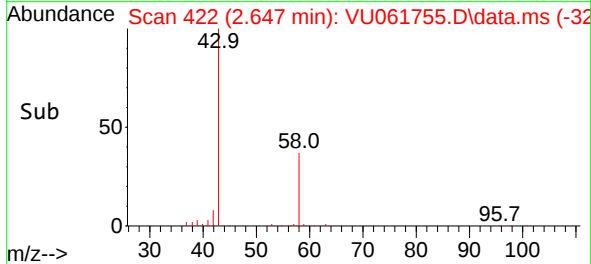
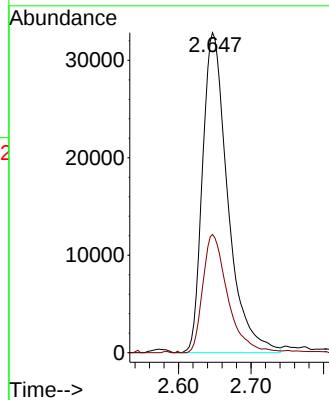
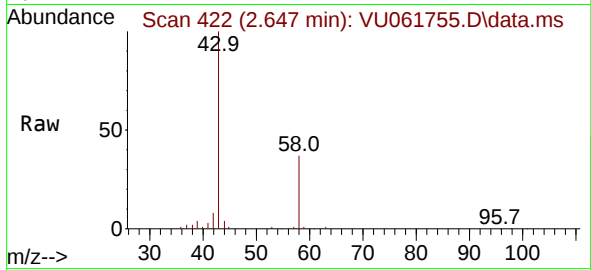
ClientSampleId :

Tgt Ion: 43 Resp: 79489

Ion Ratio Lower Upper

43 100

58 36.3 0.0 69.8



#14

Carbon disulfide

Concen: 4.169 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061755.D

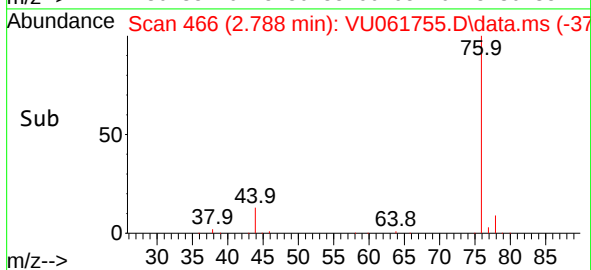
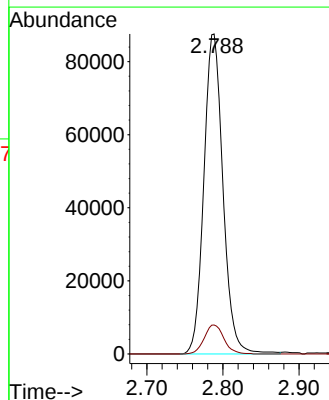
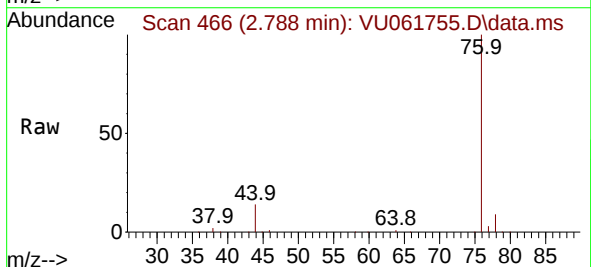
Acq: 16 Nov 2024 19:52

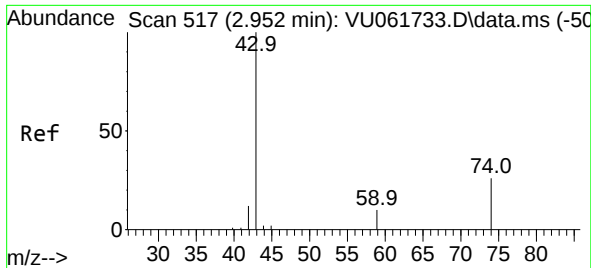
Tgt Ion: 76 Resp: 152992

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

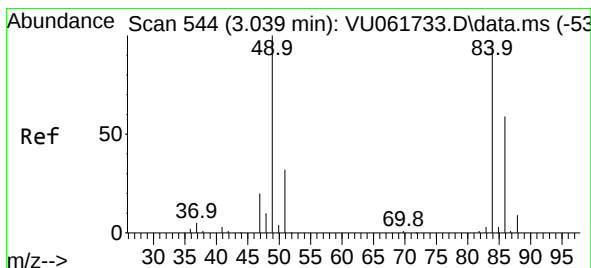
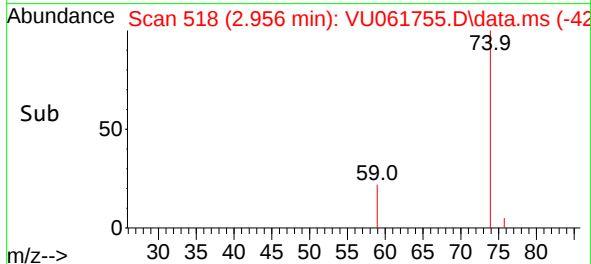
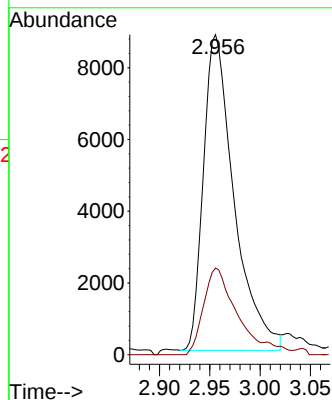
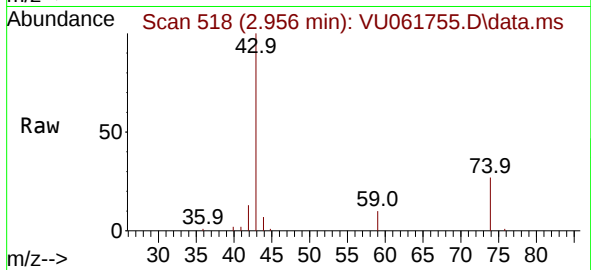




#15
Methyl Acetate
Concen: 4.574 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

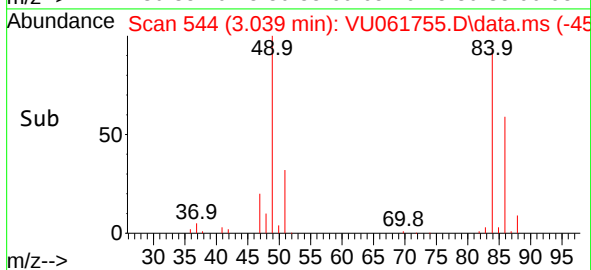
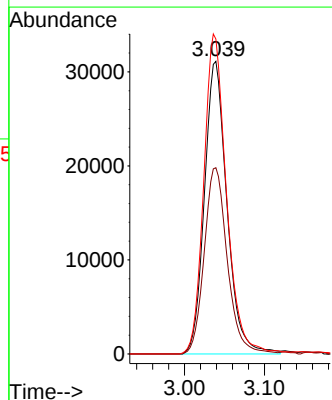
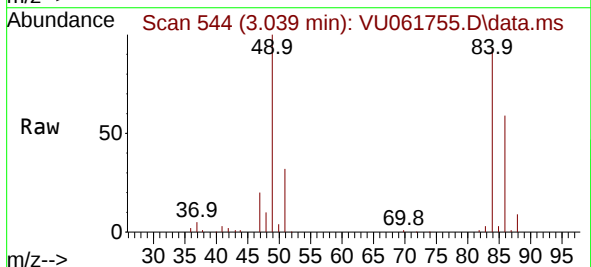
Instrument :
MSVOA_U
ClientSampleId :

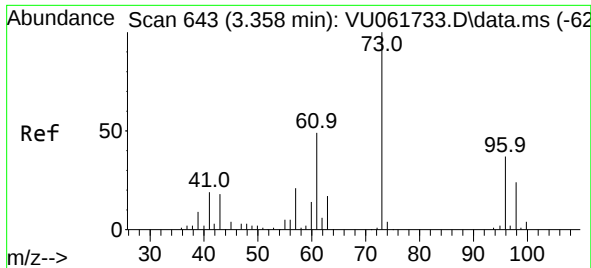
Tgt Ion: 43 Resp: 18685
Ion Ratio Lower Upper
43 100
74 30.6 22.5 33.7



#16
Methylene chloride
Concen: 4.644 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 84 Resp: 61145
Ion Ratio Lower Upper
84 100
86 63.7 45.1 83.7
49 107.6 76.3 141.7

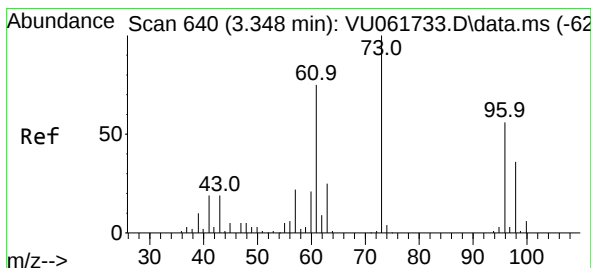
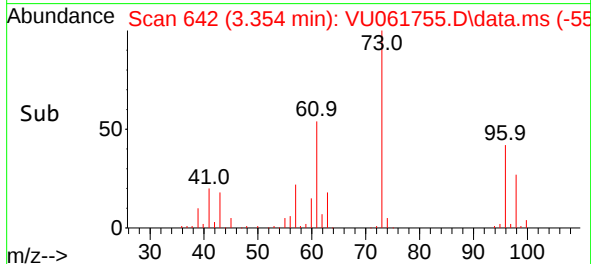
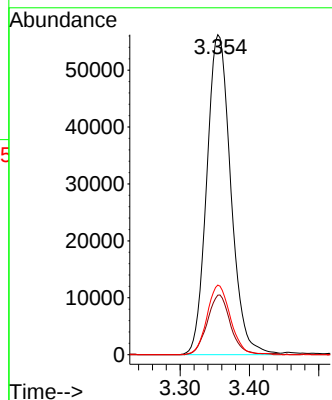
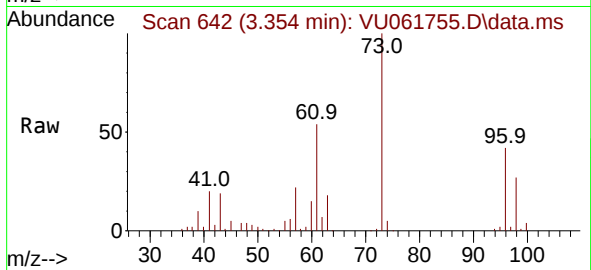




#17
Methyl tert-butyl Ether
Concen: 4.840 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

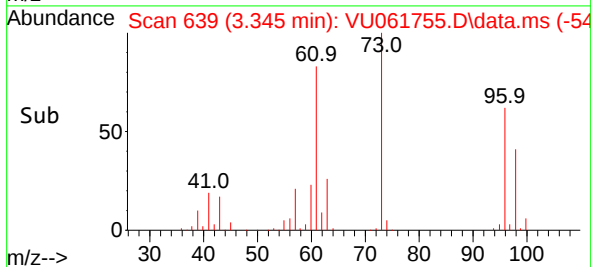
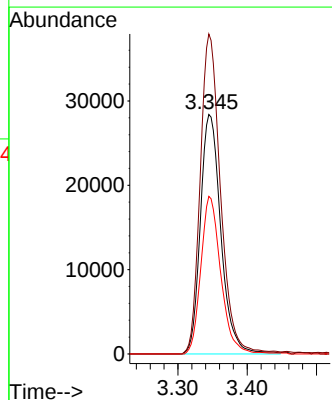
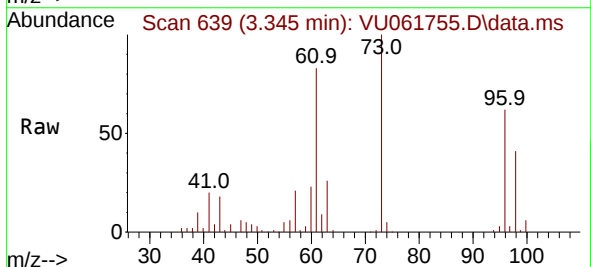
Instrument :
MSVOA_U
ClientSampleId :

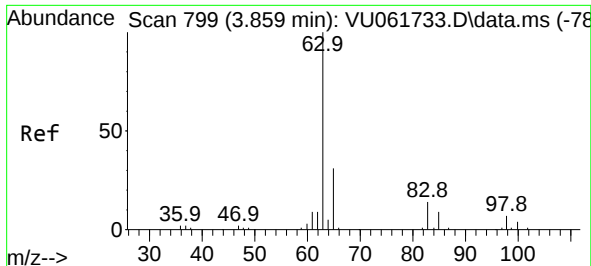
Tgt Ion: 73 Resp: 135523
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.659 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 96 Resp: 58382
Ion Ratio Lower Upper
96 100
61 133.6 94.1 174.8
98 65.8 43.2 80.2





#19

1,1-Dichloroethane

Concen: 4.815 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

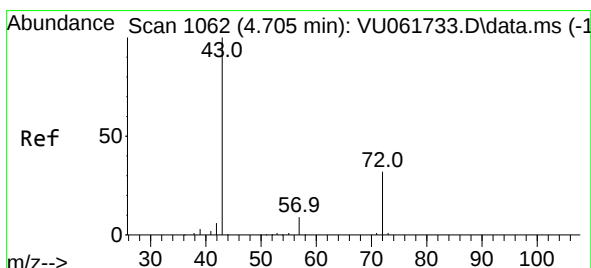
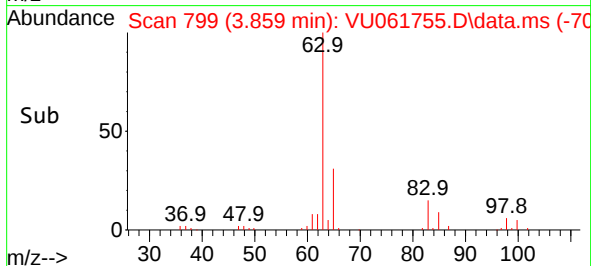
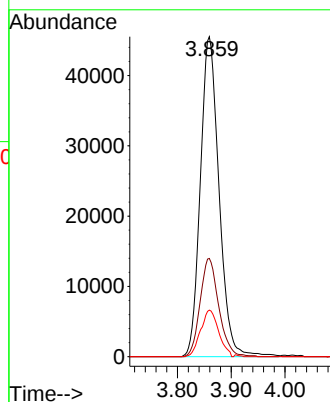
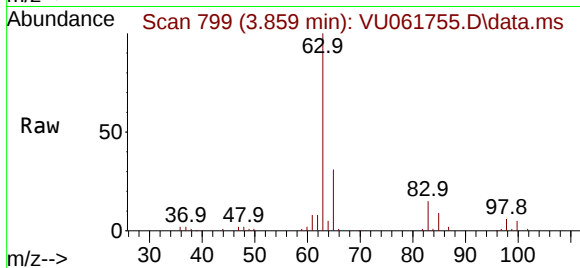
Tgt Ion: 63 Resp: 110019

Ion Ratio Lower Upper

63 100

65 30.7 23.4 43.4

83 14.6 9.6 17.8



#21

2-Butanone

Concen: 47.945 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VU061755.D

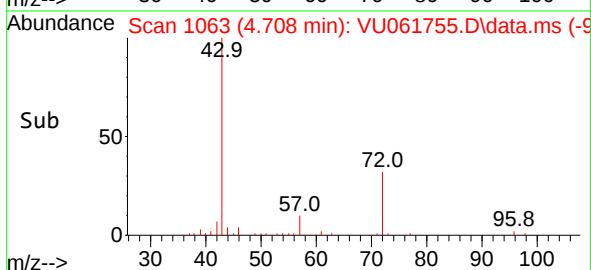
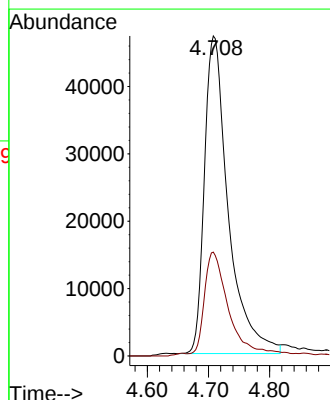
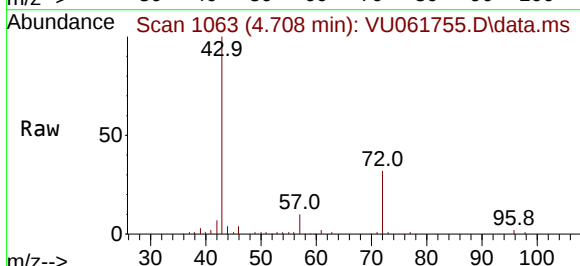
Acq: 16 Nov 2024 19:52

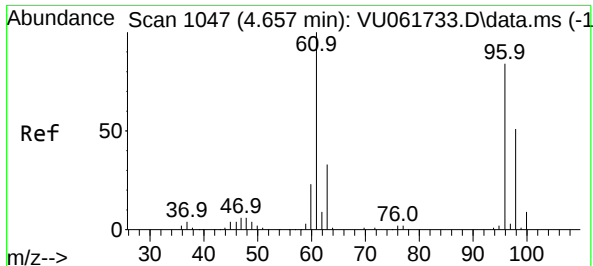
Tgt Ion: 43 Resp: 128040

Ion Ratio Lower Upper

43 100

72 32.2 15.8 47.3

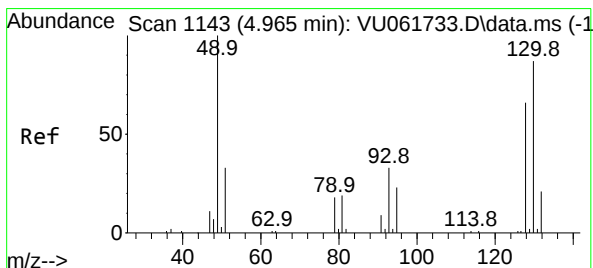
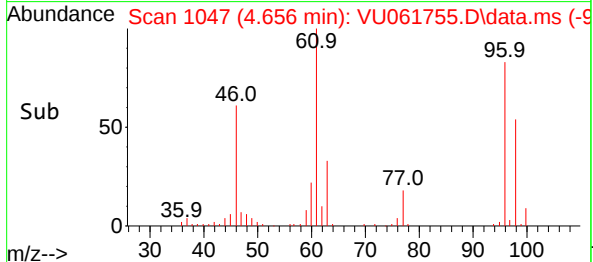
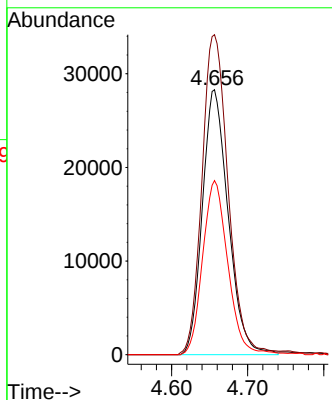
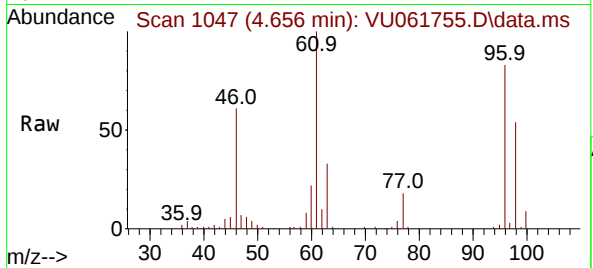




#22
 cis-1,2-Dichloroethene
 Concen: 4.735 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

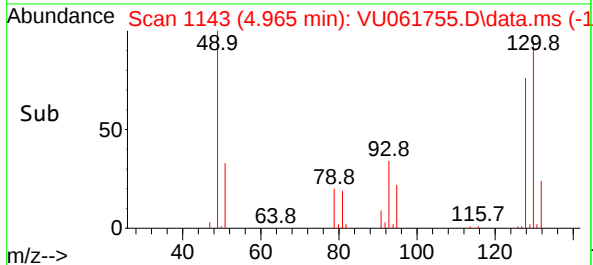
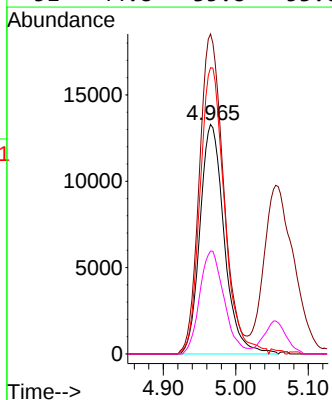
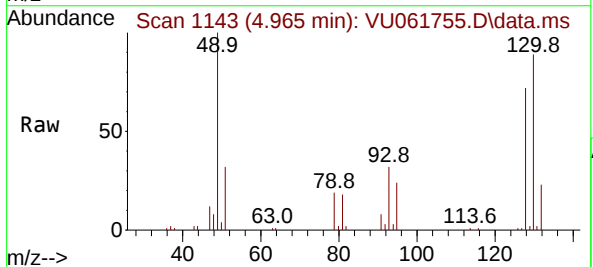
Instrument :
 MSVOA_U
 ClientSampleId :

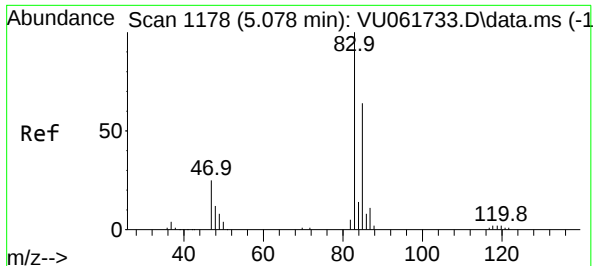
Tgt Ion: 96 Resp: 66914
 Ion Ratio Lower Upper
 96 100
 61 120.8 85.6 159.0
 98 65.7 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.905 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

Tgt Ion:128 Resp: 30788
 Ion Ratio Lower Upper
 128 100
 49 139.4 99.1 184.1
 130 124.7 88.6 164.6
 51 44.8 35.8 53.6





#25

Chloroform

Concen: 4.862 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

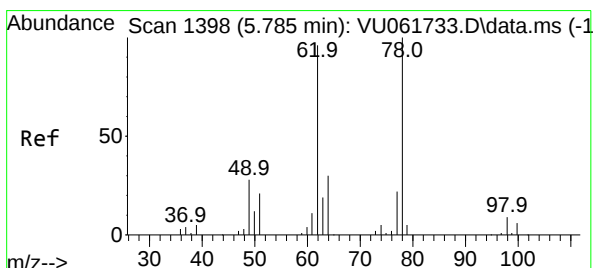
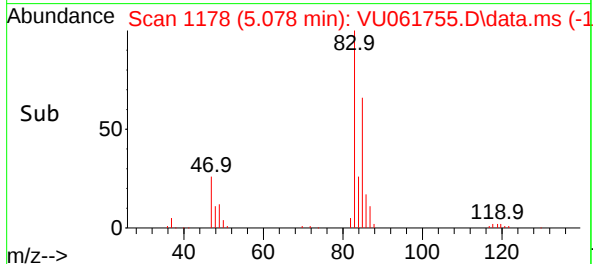
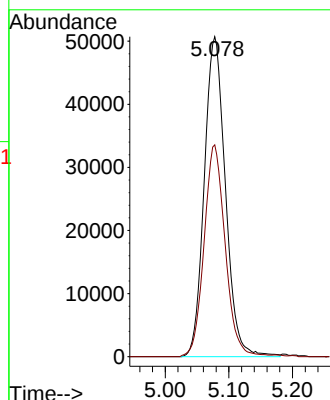
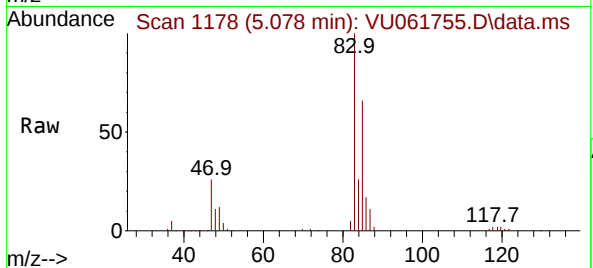
ClientSampleId :

Tgt Ion: 83 Resp: 117087

Ion Ratio Lower Upper

83 100

85 66.2 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.729 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061755.D

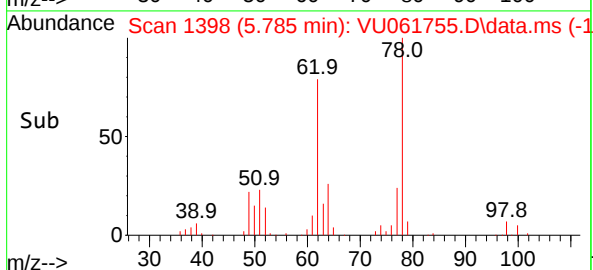
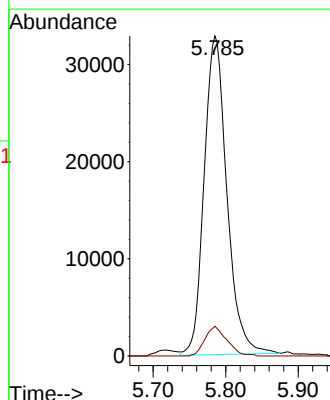
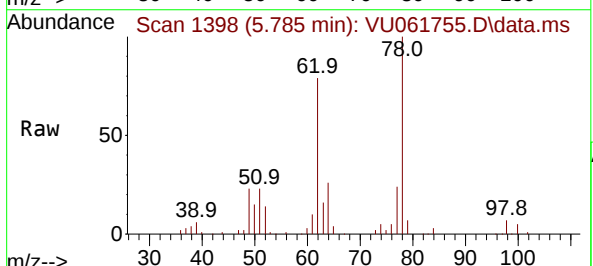
Acq: 16 Nov 2024 19:52

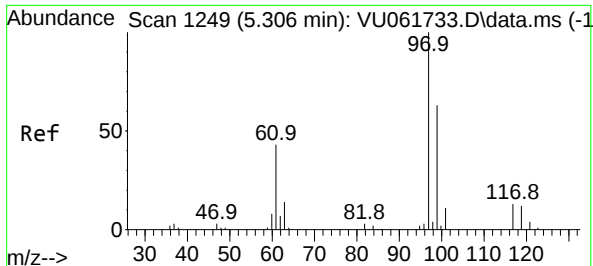
Tgt Ion: 62 Resp: 71459

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5

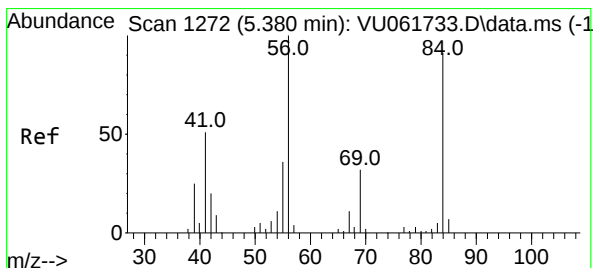
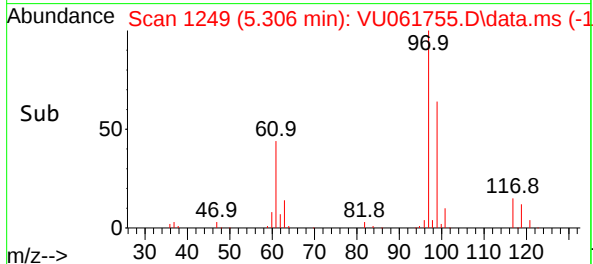
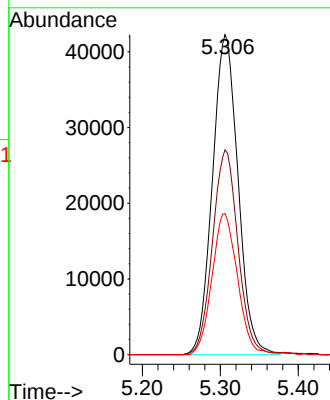
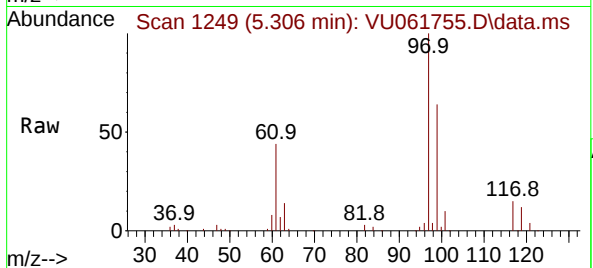




#29
1,1,1-Trichloroethane
Concen: 4.736 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

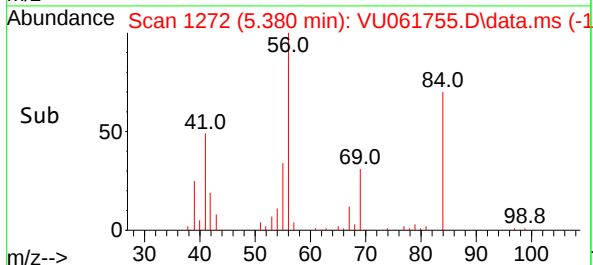
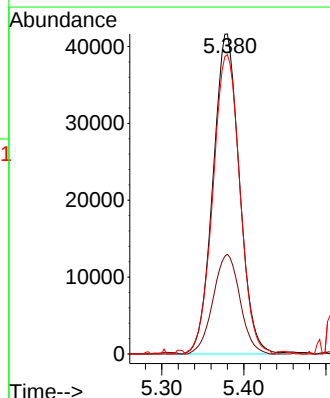
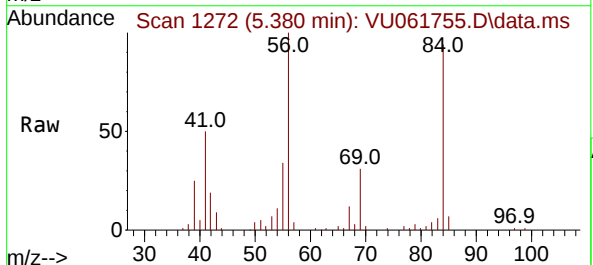
Instrument :
MSVOA_U
ClientSampleId :

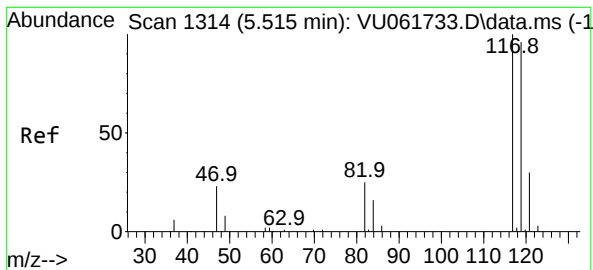
Tgt Ion:	97	Resp:	96398
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	44.0	35.4	53.0



#30
Cyclohexane
Concen: 4.586 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion:	56	Resp:	93236
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.6	38.4
84	95.7	74.3	111.5

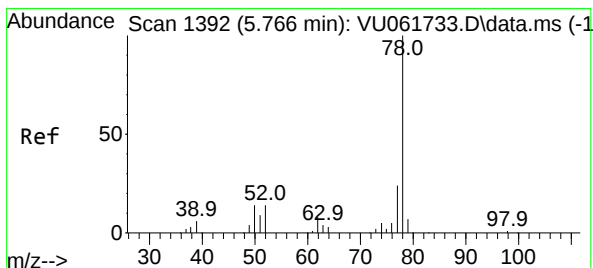
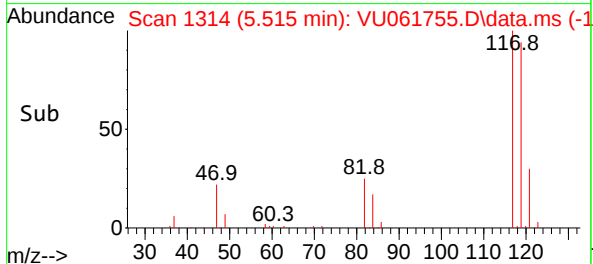
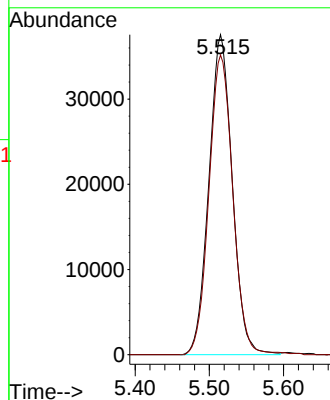
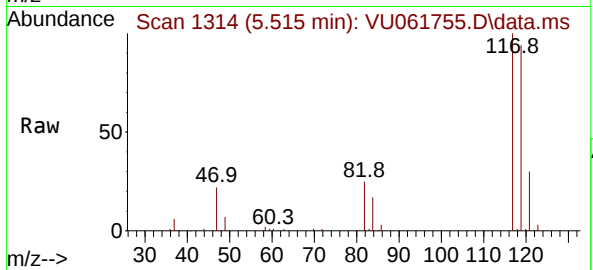




#31
Carbon tetrachloride
Concen: 4.735 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

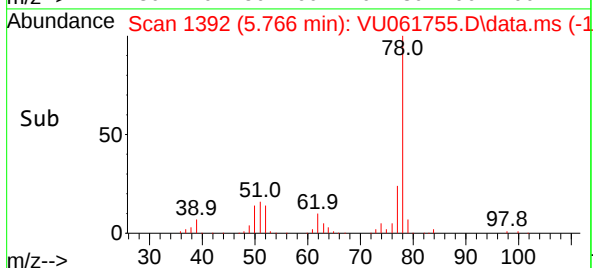
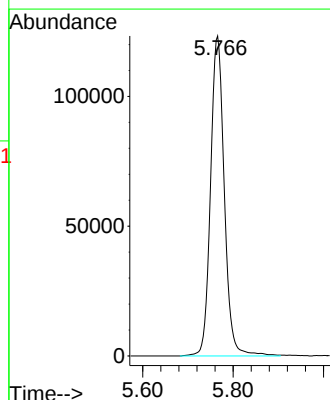
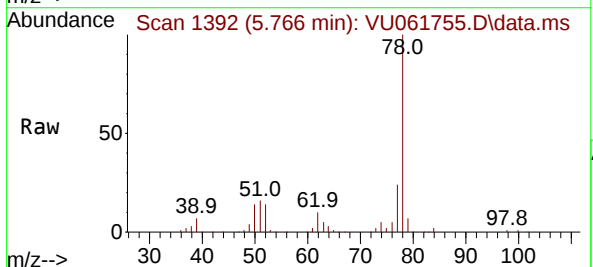
Instrument :
MSVOA_U
ClientSampleId :

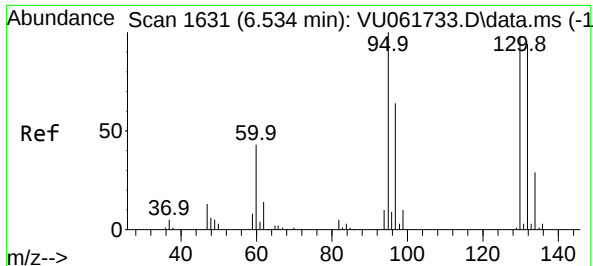
Tgt Ion:117 Resp: 82093
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8



#33
Benzene
Concen: 4.817 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 78 Resp: 260763

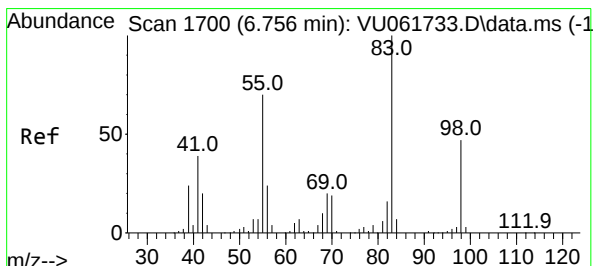
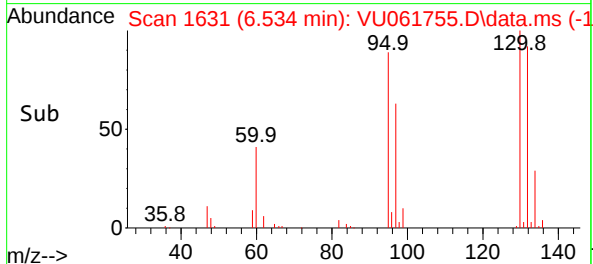
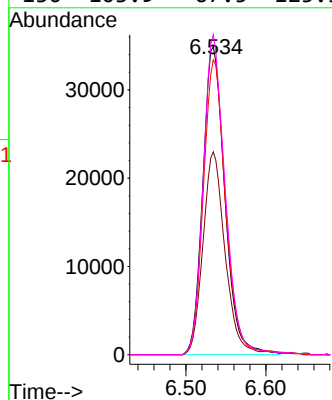
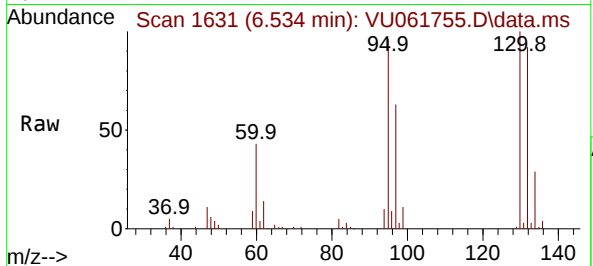




#34
Trichloroethene
Concen: 4.592 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

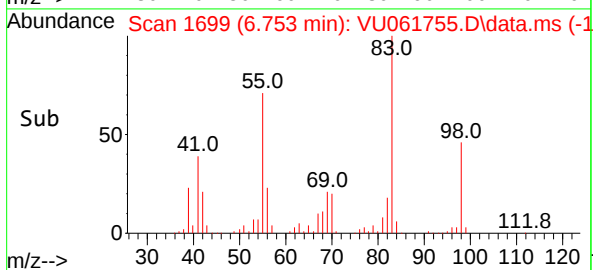
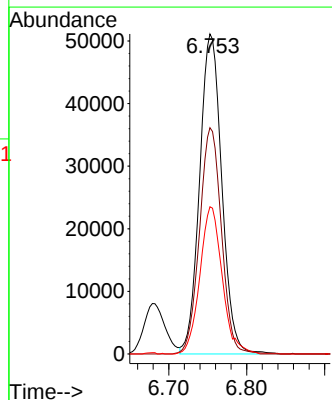
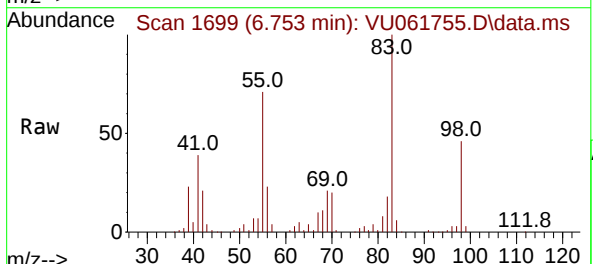
Instrument :
MSVOA_U
ClientSampleId :

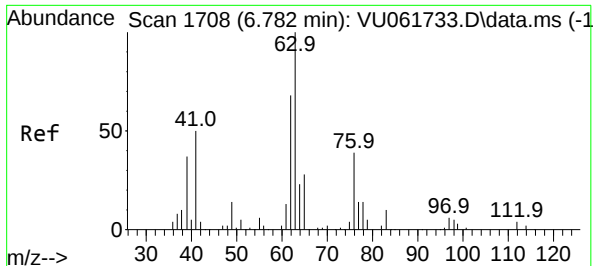
Tgt Ion: 95 Resp: 67127
Ion Ratio Lower Upper
95 100
97 65.8 43.5 80.9
132 95.7 65.2 121.0
130 103.9 67.5 125.3



#35
Methylcyclohexane
Concen: 4.587 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 83 Resp: 101109
Ion Ratio Lower Upper
83 100
55 69.8 56.4 84.6
98 46.3 37.7 56.5

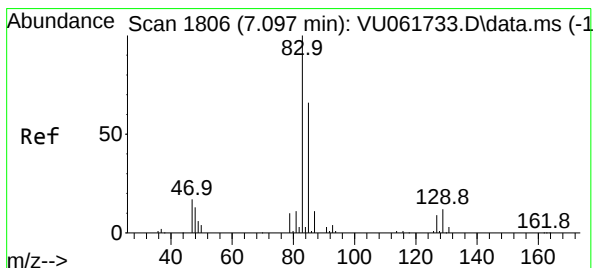
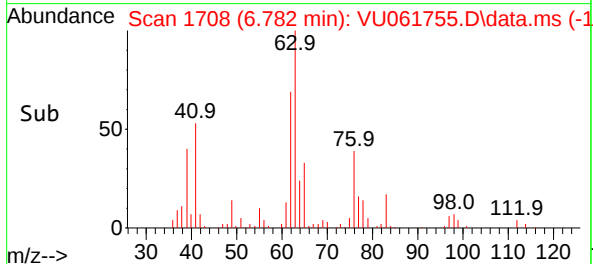
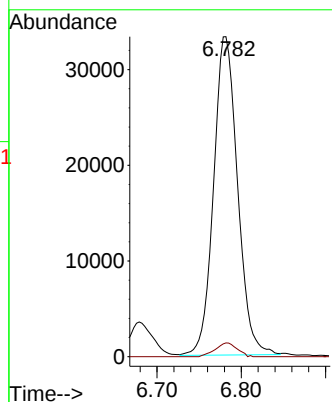
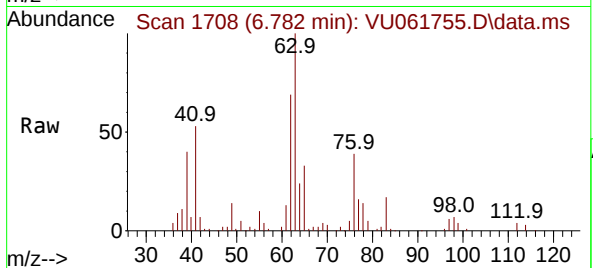




#37
1,2-Dichloropropane
Concen: 4.790 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

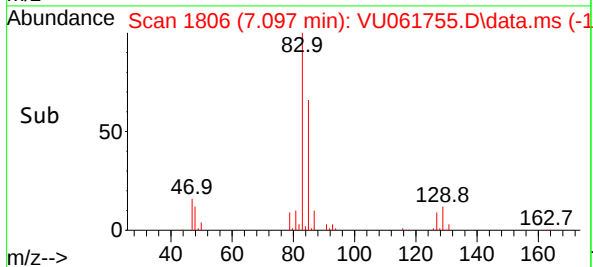
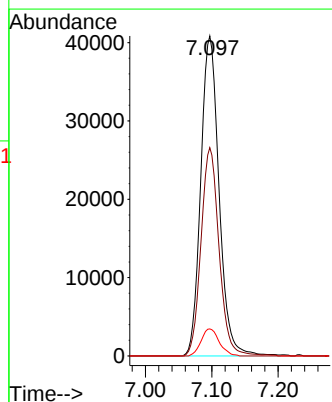
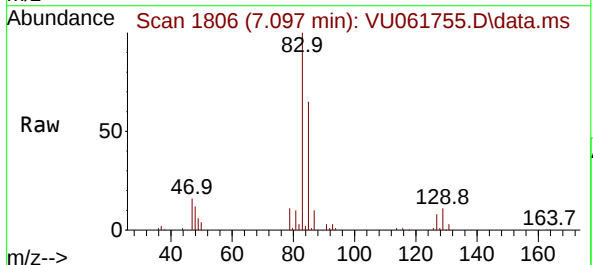
Instrument :
MSVOA_U
ClientSampleId :

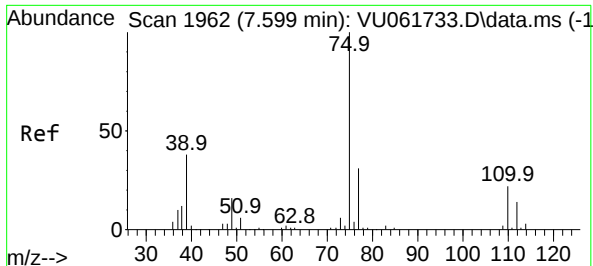
Tgt Ion: 63 Resp: 65779
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 4.759 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 83 Resp: 78419
Ion Ratio Lower Upper
83 100
85 65.1 45.0 83.6
127 8.5 6.9 10.3

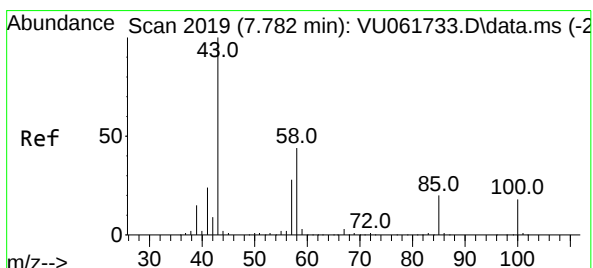
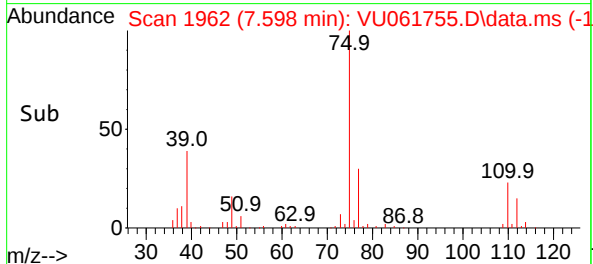
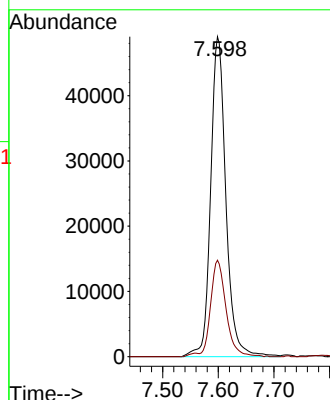
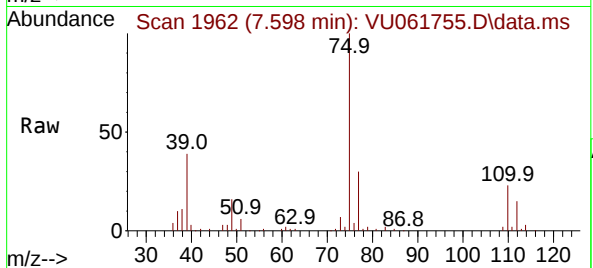




#39
 cis-1,3-Dichloropropene
 Concen: 4.765 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

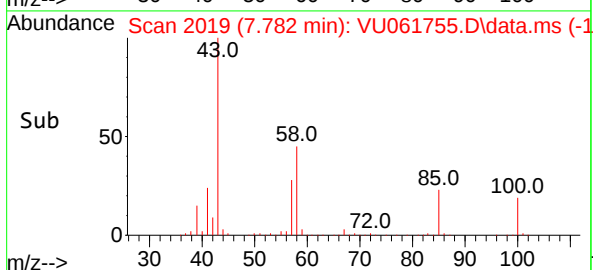
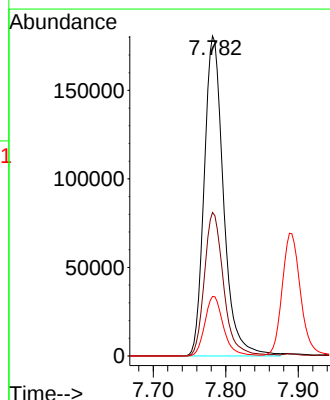
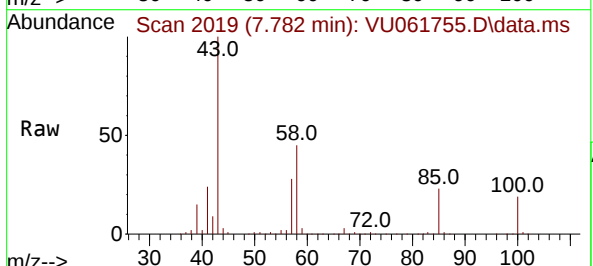
Instrument :
 MSVOA_U
 ClientSampleId :

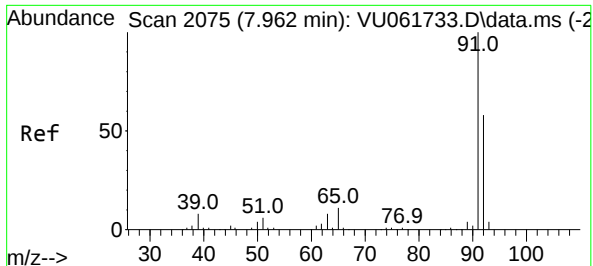
Tgt Ion: 75 Resp: 93140
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 50.840 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

Tgt Ion: 43 Resp: 334768
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.7 53.5
 100 17.9 14.2 21.2





#42

Toluene

Concen: 4.819 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

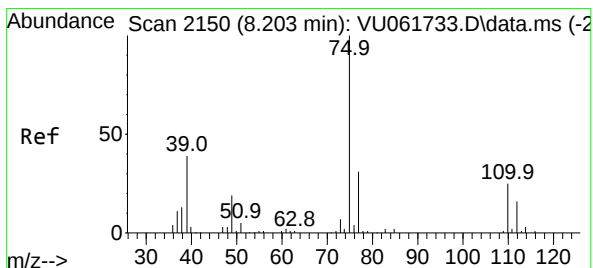
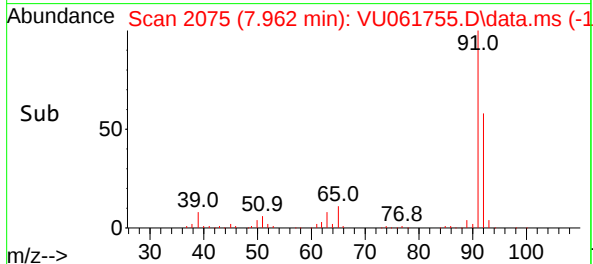
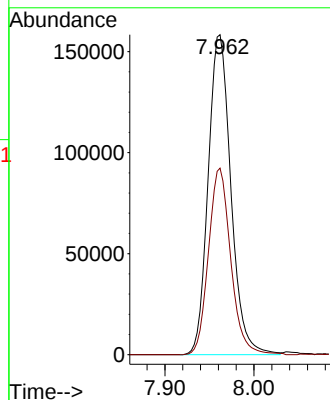
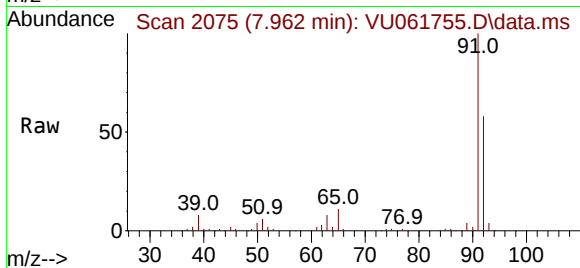
ClientSampleId :

Tgt Ion: 91 Resp: 280875

Ion Ratio Lower Upper

91 100

92 58.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.638 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061755.D

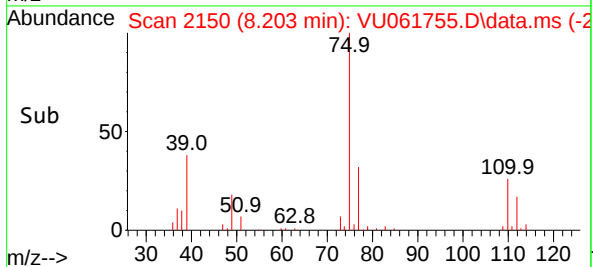
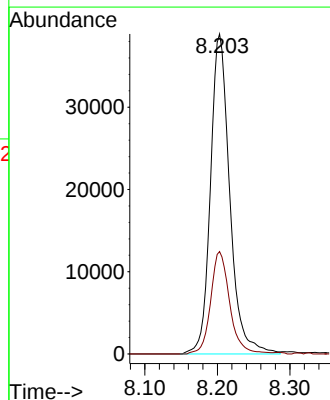
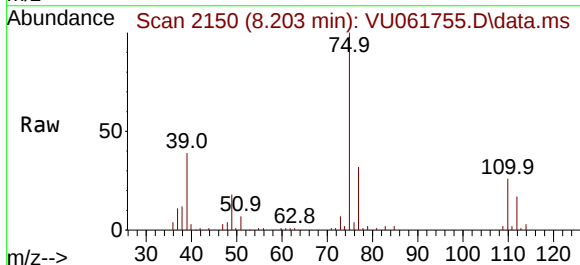
Acq: 16 Nov 2024 19:52

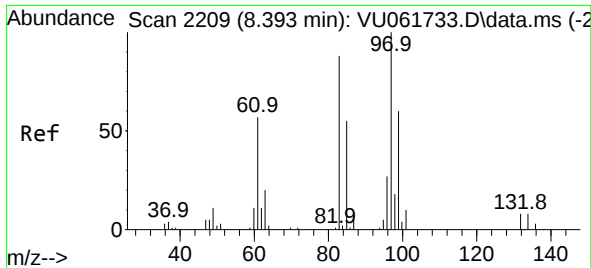
Tgt Ion: 75 Resp: 71901

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3

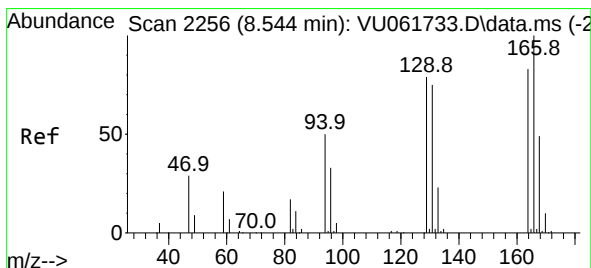
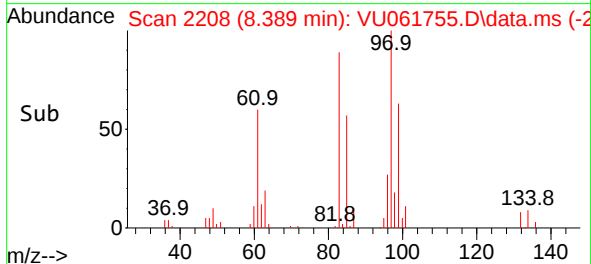
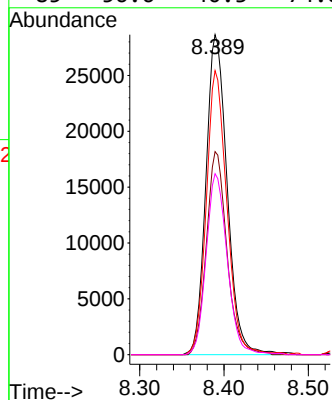
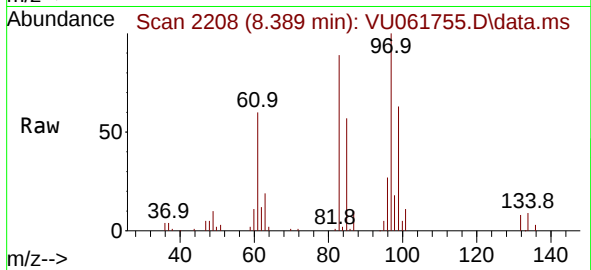




#45
1,1,2-Trichloroethane
Concen: 5.025 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

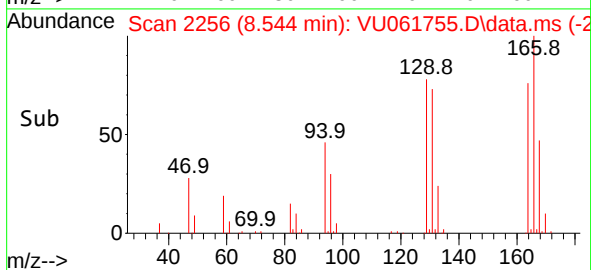
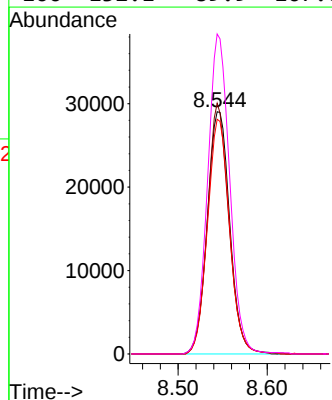
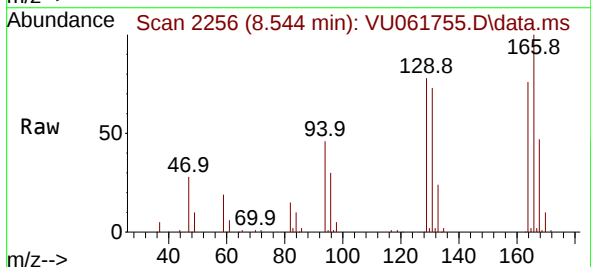
Instrument :
MSVOA_U
ClientSampleId :

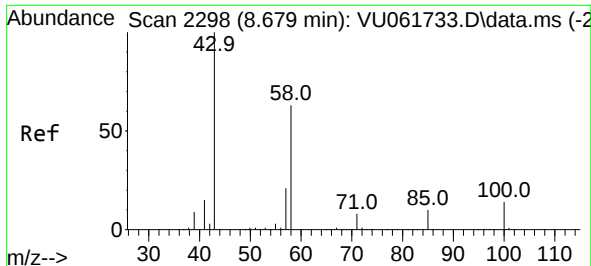
Tgt Ion: 97	Resp: 50307
Ion Ratio	Lower Upper
97 100	
99 63.4	43.8 81.3
83 88.7	63.2 117.4
85 56.6	40.3 74.8



#47
Tetrachloroethene
Concen: 4.625 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

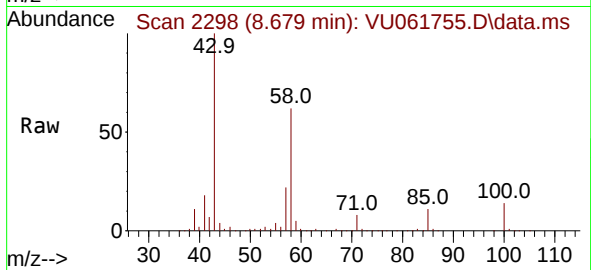
Tgt	Ion:164	Resp:	50804
Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.7	133.3
131	96.9	68.2	126.6
166	132.1	89.9	167.0



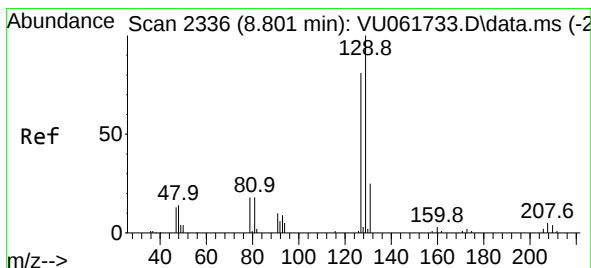
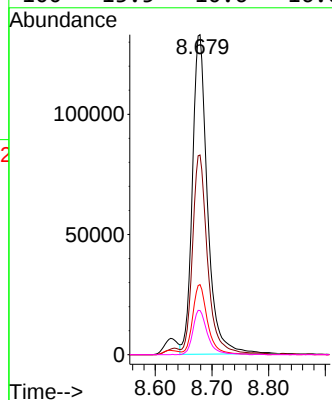
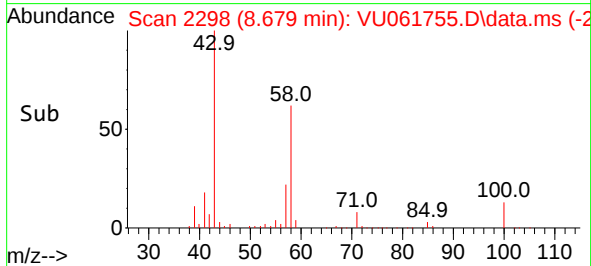


#48
2-Hexanone
Concen: 52.281 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Instrument :
MSVOA_U
ClientSampleId :

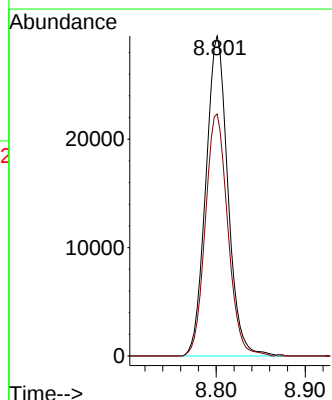
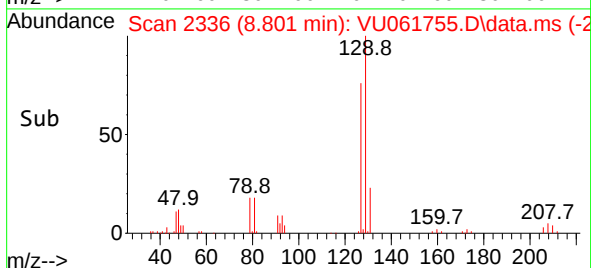
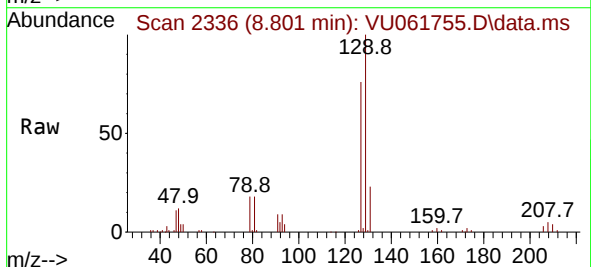


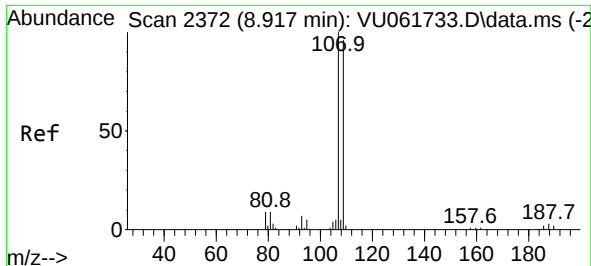
Tgt Ion: 43 Resp: 246150
Ion Ratio Lower Upper
43 100
58 62.4 49.4 74.2
57 21.3 16.3 24.5
100 13.5 10.6 16.0



#49
Dibromochloromethane
Concen: 4.830 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 129 Resp: 50703
Ion Ratio Lower Upper
129 100
127 75.6 55.1 102.3





#50

1,2-Dibromoethane

Concen: 4.970 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

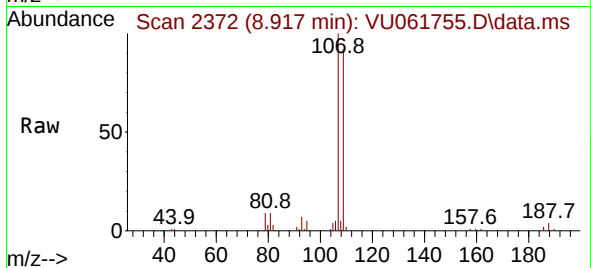
Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :



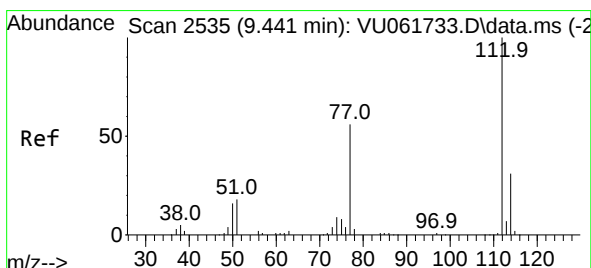
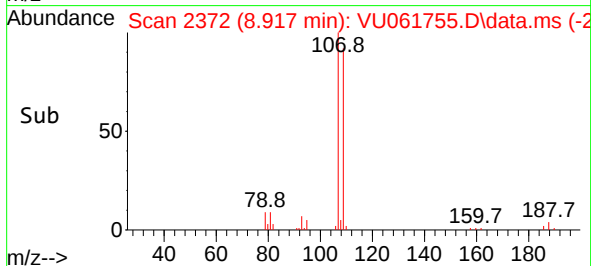
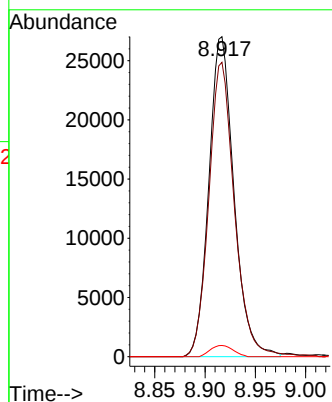
Tgt Ion:107 Resp: 46937

Ion Ratio Lower Upper

107 100

109 92.0 64.8 120.4

188 3.5 2.5 3.7



#51

Chlorobenzene

Concen: 4.816 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

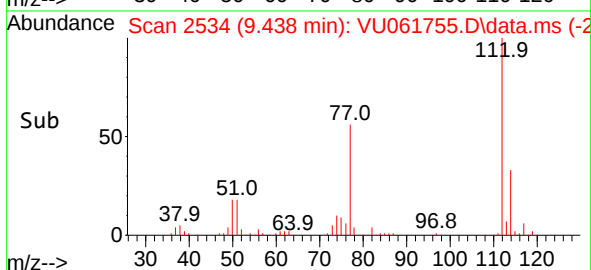
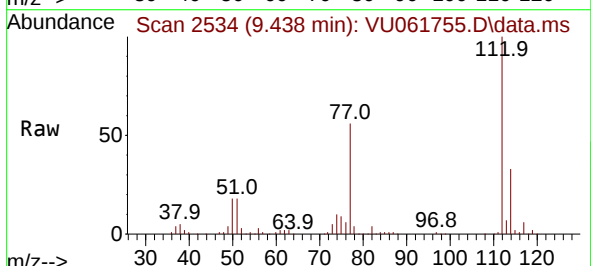
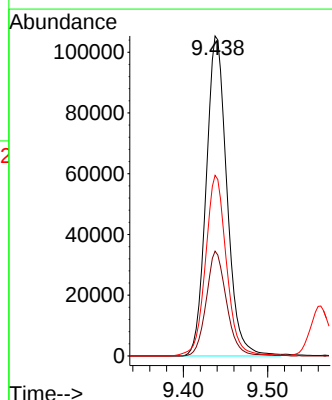
Tgt Ion:112 Resp: 180696

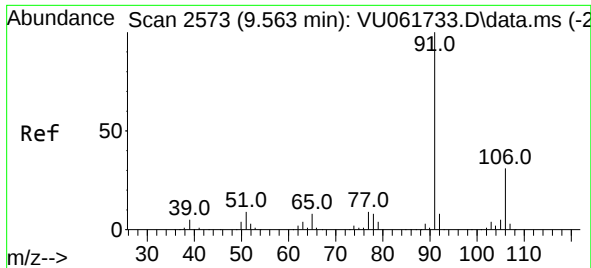
Ion Ratio Lower Upper

112 100

114 32.8 22.5 41.9

77 56.5 45.3 67.9

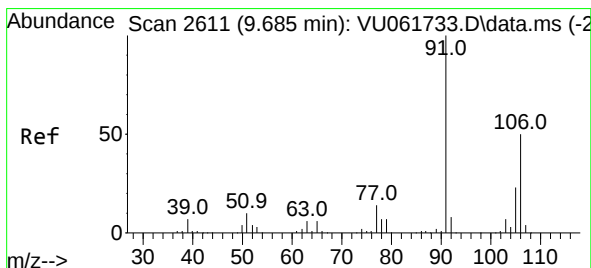
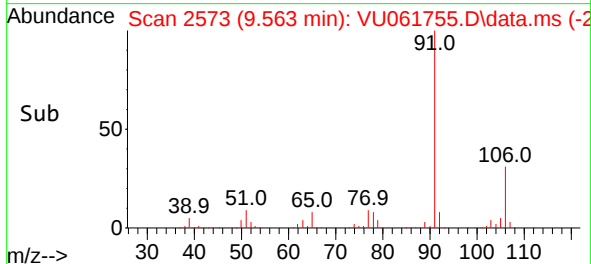
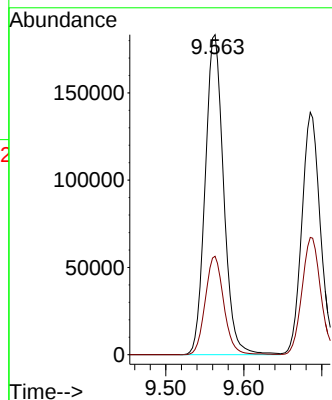
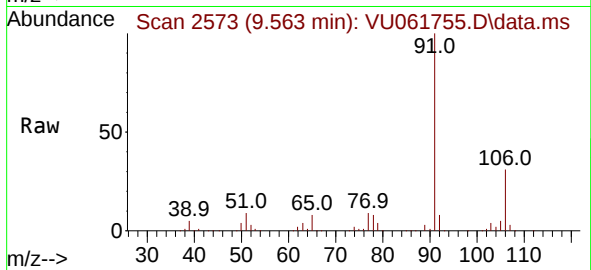




#52
Ethylbenzene
Concen: 4.850 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

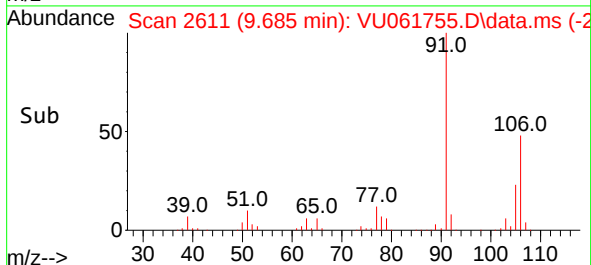
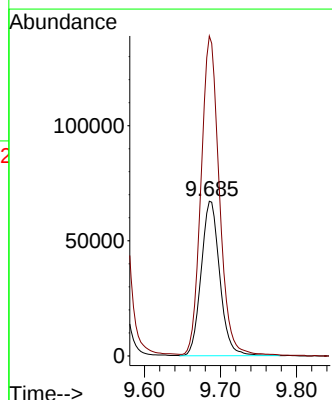
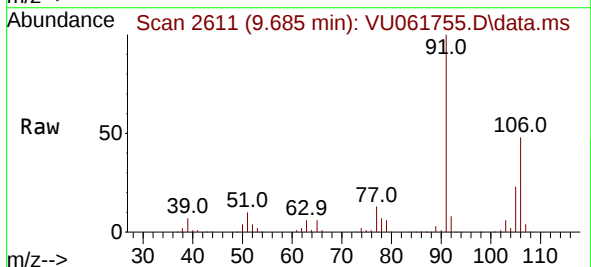
Instrument :
MSVOA_U
ClientSampleId :

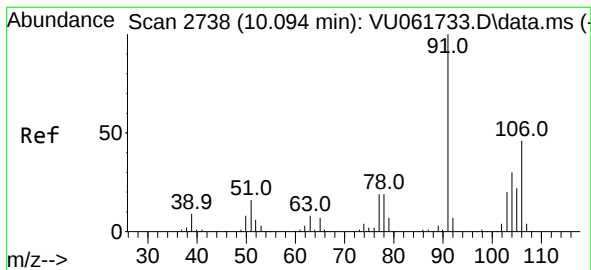
Tgt Ion: 91 Resp: 301125
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 4.793 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion: 106 Resp: 113861
Ion Ratio Lower Upper
106 100
91 206.7 140.4 260.8





#54

o-Xylene

Concen: 4.912 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

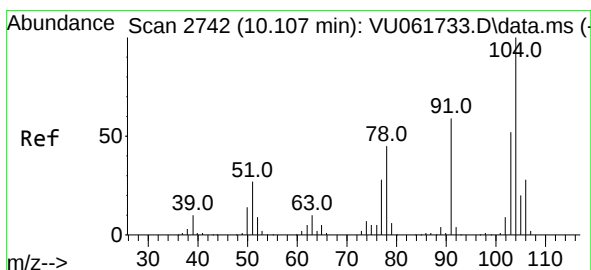
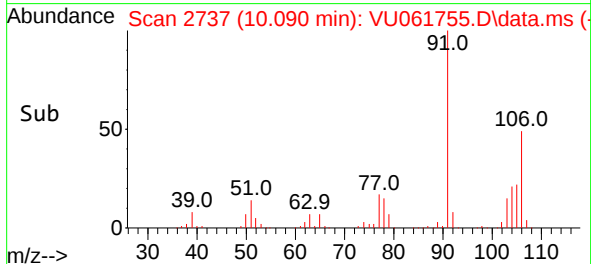
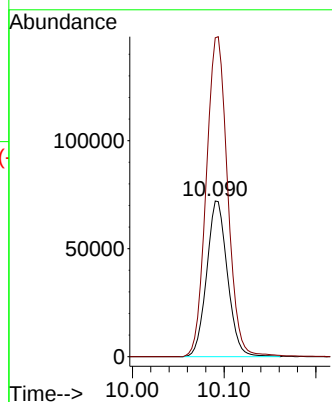
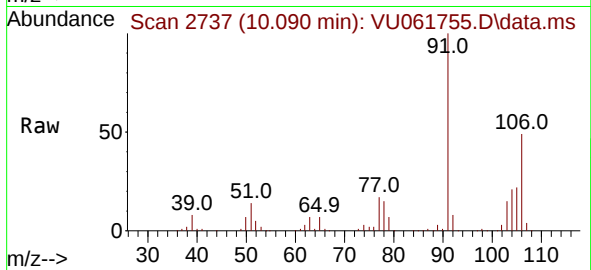
ClientSampleId :

Tgt Ion:106 Resp: 113406

Ion Ratio Lower Upper

106 100

91 204.7 151.3 280.9



#55

Styrene

Concen: 5.026 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061755.D

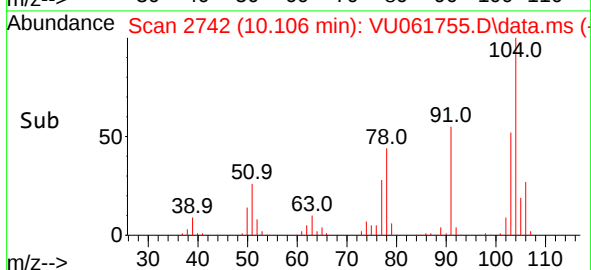
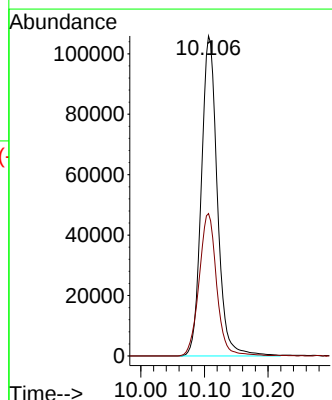
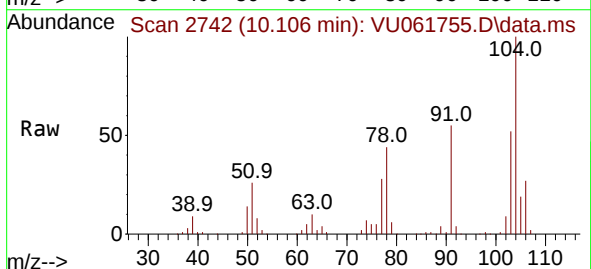
Acq: 16 Nov 2024 19:52

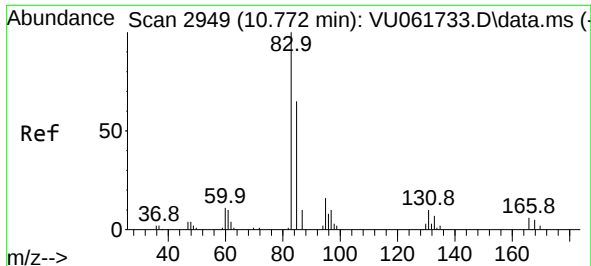
Tgt Ion:104 Resp: 184768

Ion Ratio Lower Upper

104 100

78 44.5 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.000 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061755.D

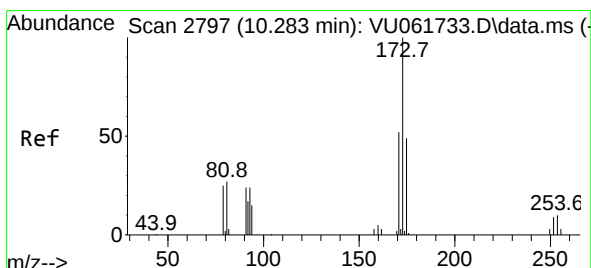
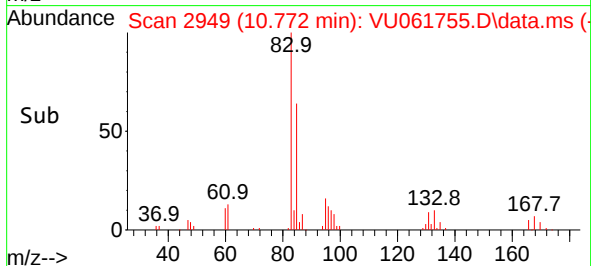
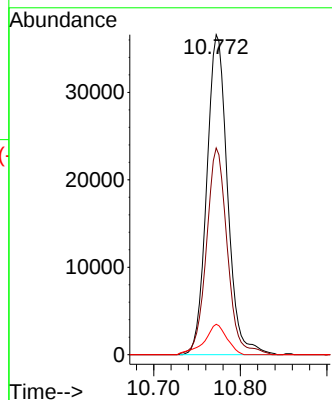
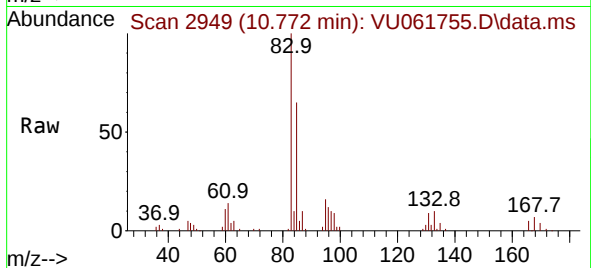
Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	60919
Ion Ratio	Lower	Upper	
83	100		
85	64.6	41.9	77.9
131	9.5	7.8	11.6



#59

Bromoform

Concen: 4.643 ug/L

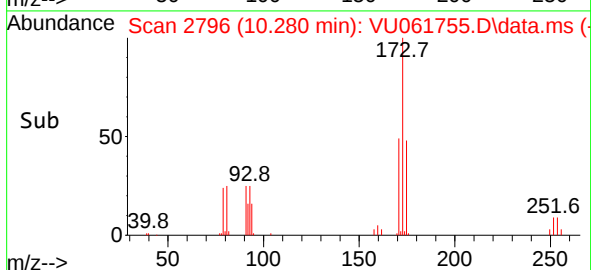
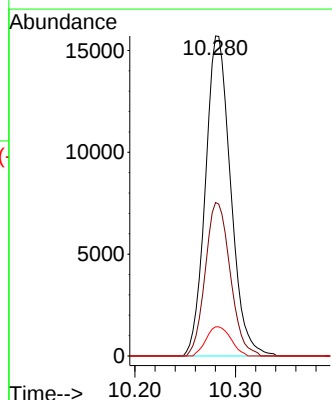
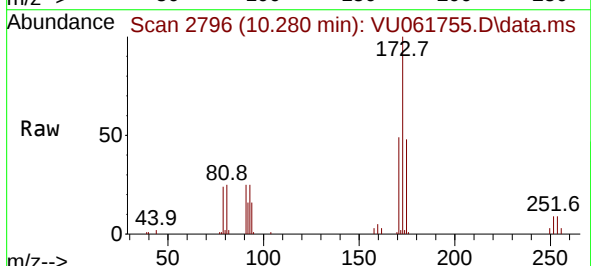
RT: 10.280 min Scan# 2796

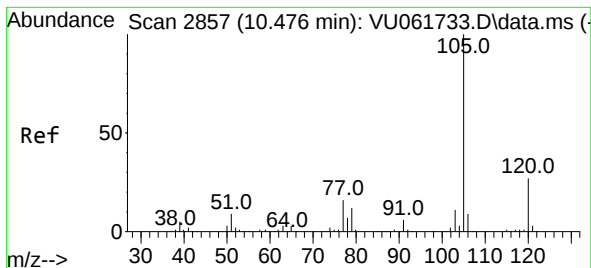
Delta R.T. -0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Tgt Ion:	173	Resp:	27328
Ion Ratio	Lower	Upper	
173	100		
175	47.4	39.3	58.9
254	8.9	7.8	11.8





#60

Isopropylbenzene

Concen: 4.800 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

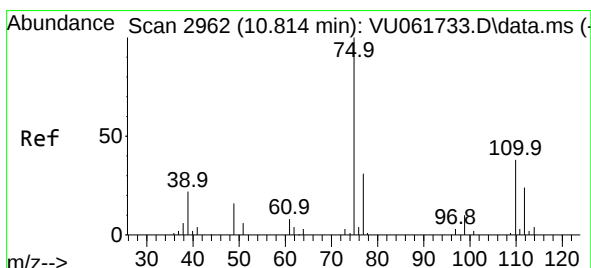
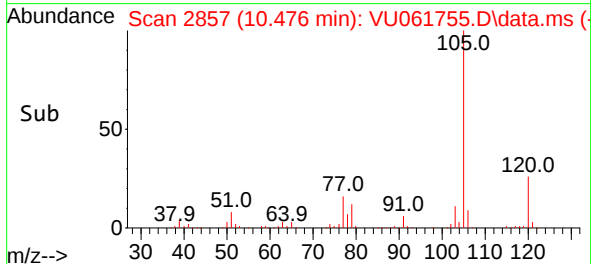
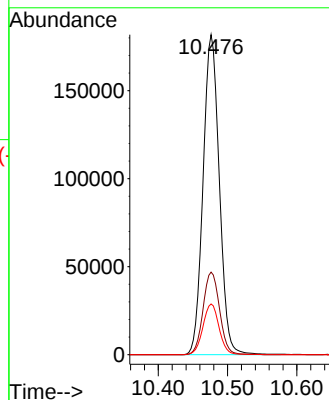
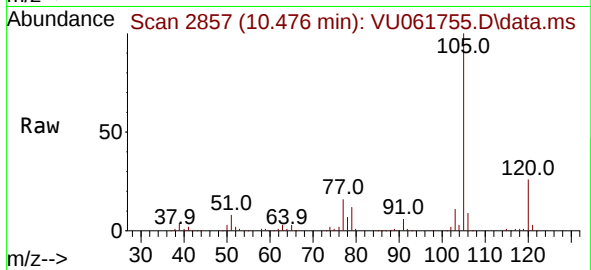
Tgt Ion:105 Resp: 296005

Ion Ratio Lower Upper

105 100

120 26.2 21.6 32.4

77 15.7 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.932 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

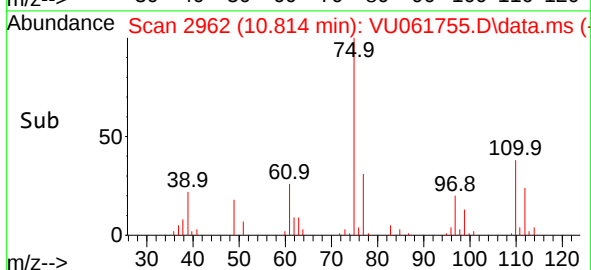
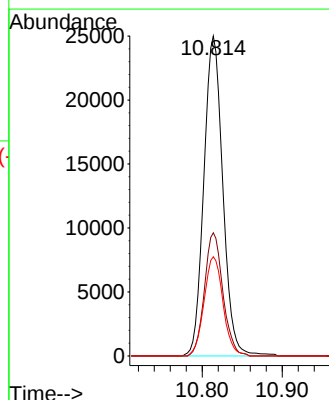
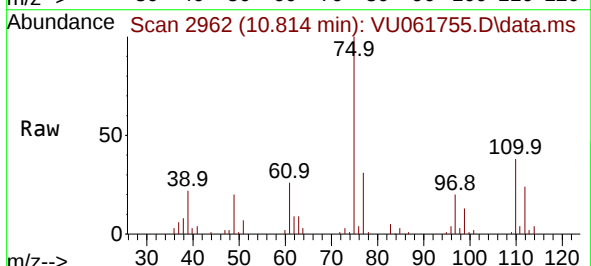
Tgt Ion: 75 Resp: 41318

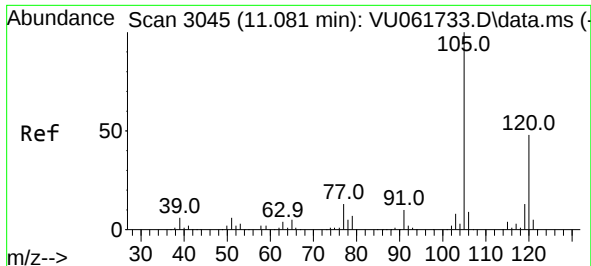
Ion Ratio Lower Upper

75 100

110 37.3 31.3 46.9

77 31.0 26.0 39.0

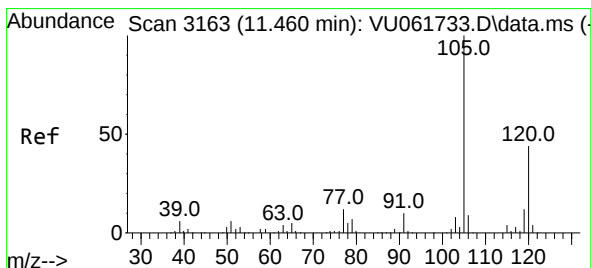
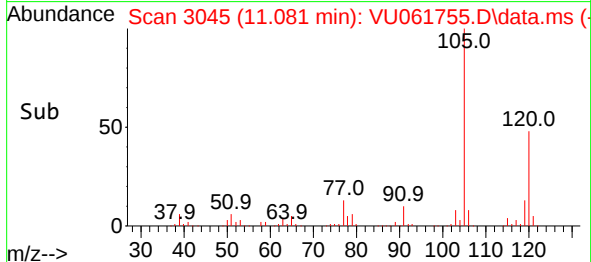
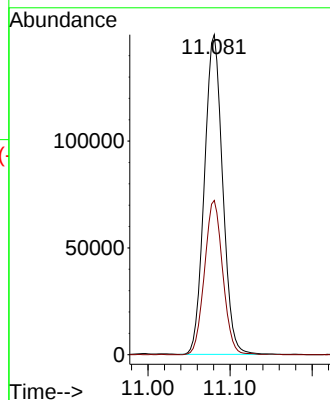
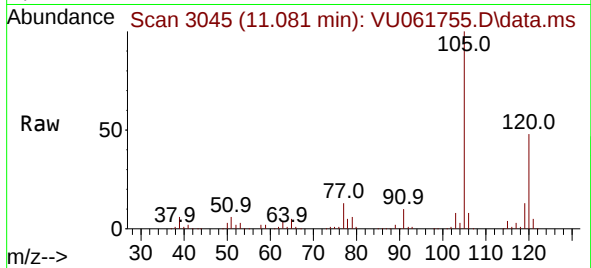




#62
1,3,5-Trimethylbenzene
Concen: 4.675 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

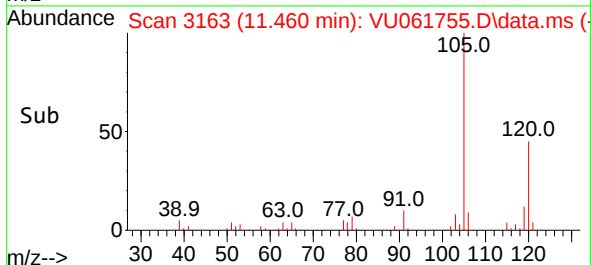
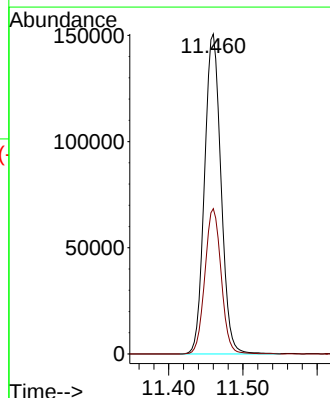
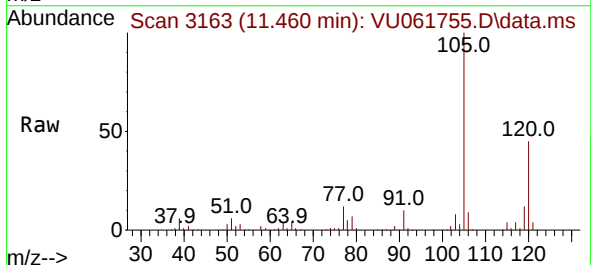
Instrument :
MSVOA_U
ClientSampleId :

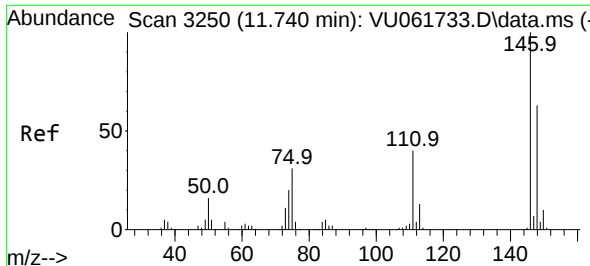
Tgt Ion:105 Resp: 230823
Ion Ratio Lower Upper
105 100
120 48.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.823 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

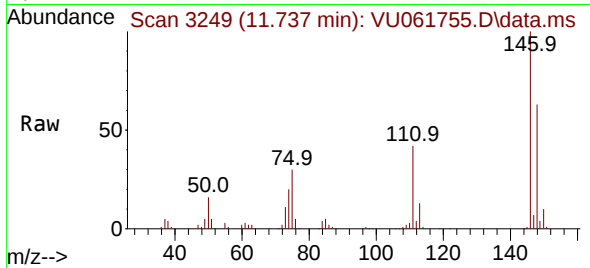
Tgt Ion:105 Resp: 231801
Ion Ratio Lower Upper
105 100
120 44.8 36.3 54.5



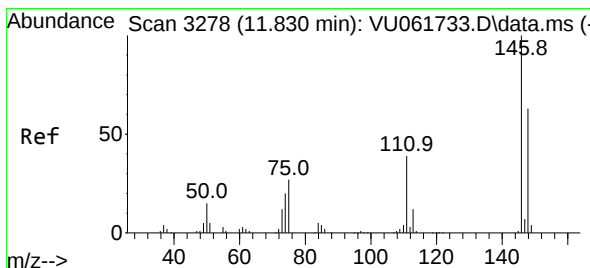
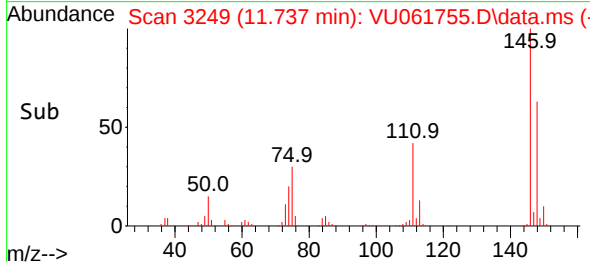
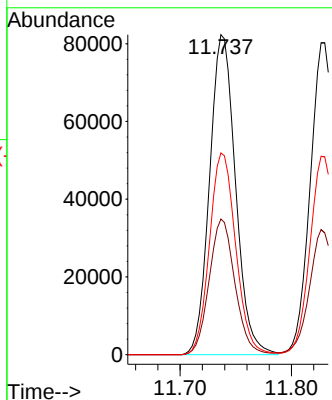


#64
1,3-Dichlorobenzene
Concen: 4.710 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Instrument :
MSVOA_U
ClientSampleId :

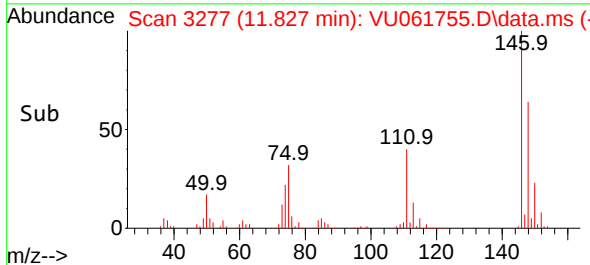
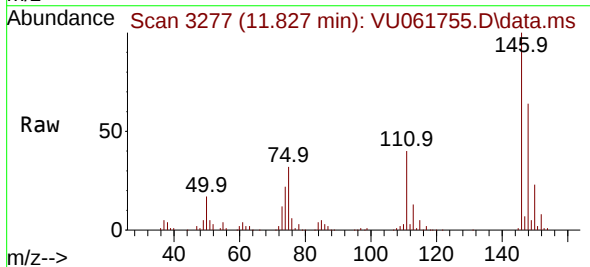
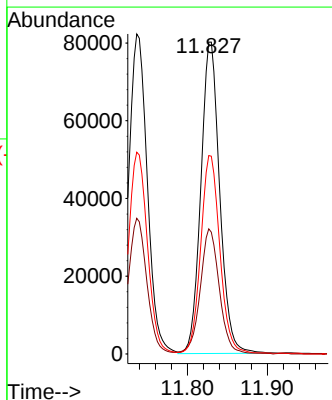


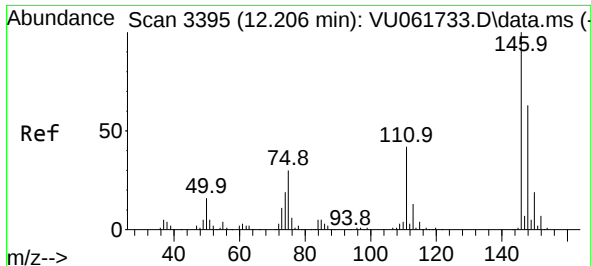
Tgt Ion:146 Resp: 133218
Ion Ratio Lower Upper
146 100
111 42.4 29.3 54.3
148 63.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.589 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061755.D
Acq: 16 Nov 2024 19:52

Tgt Ion:146 Resp: 131783
Ion Ratio Lower Upper
146 100
111 40.1 28.8 53.4
148 63.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.824 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

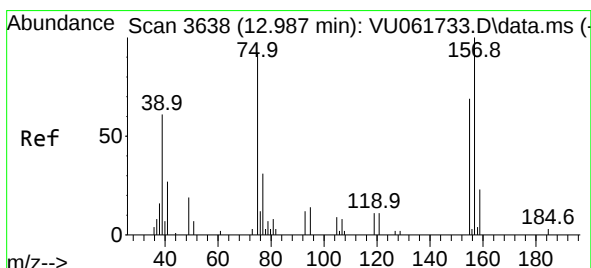
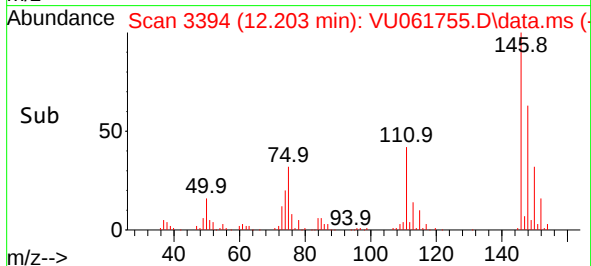
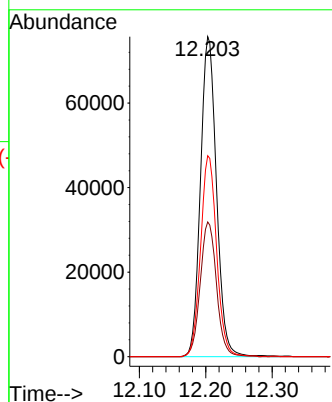
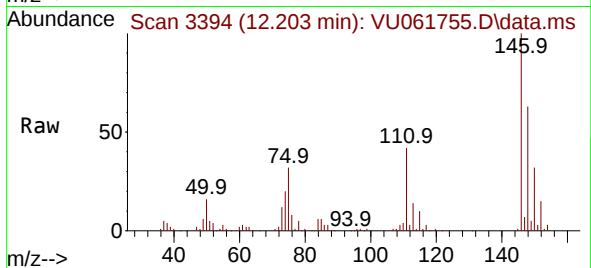
Tgt Ion:146 Resp: 126884

Ion Ratio Lower Upper

146 100

111 42.1 35.2 52.8

148 62.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.721 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

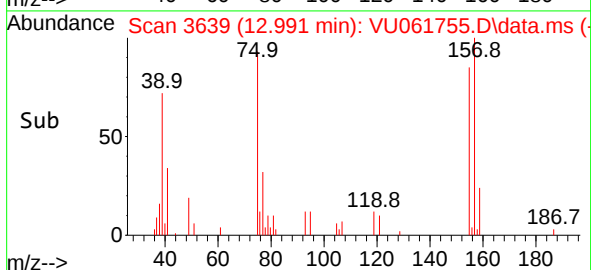
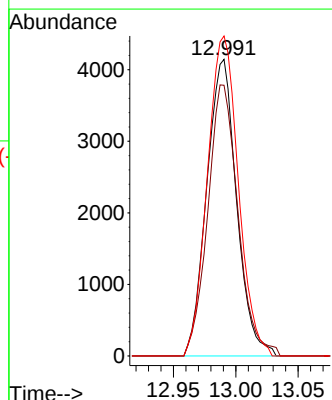
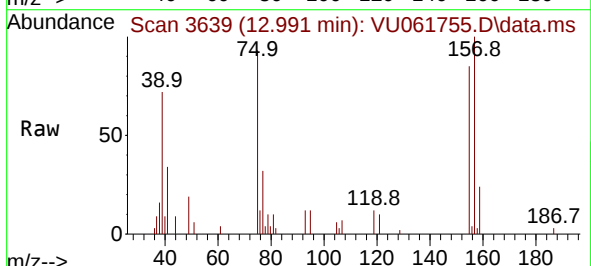
Tgt Ion: 75 Resp: 6906

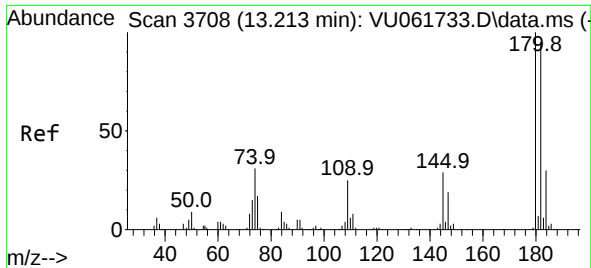
Ion Ratio Lower Upper

75 100

155 91.3 62.6 93.8

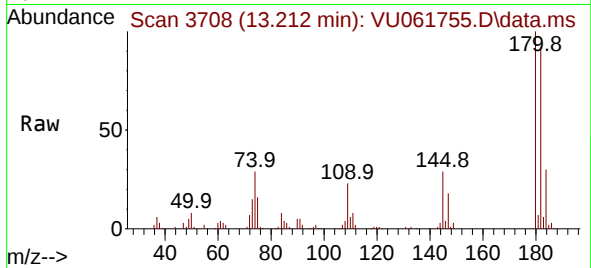
157 107.9 84.9 127.3



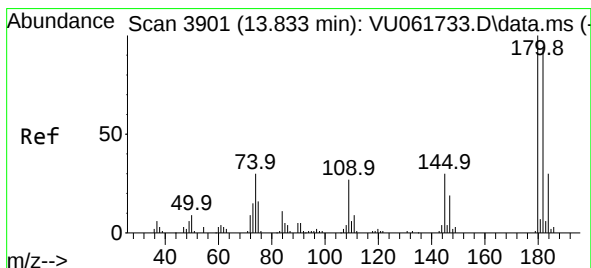
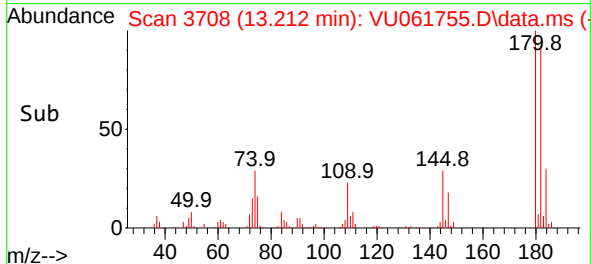
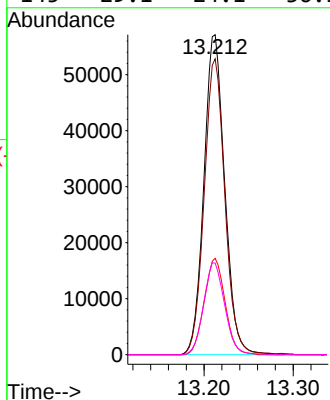


#69
 1,3,5-Trichlorobenzene
 Concen: 4.687 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

Instrument :
 MSVOA_U
 ClientSampleId :

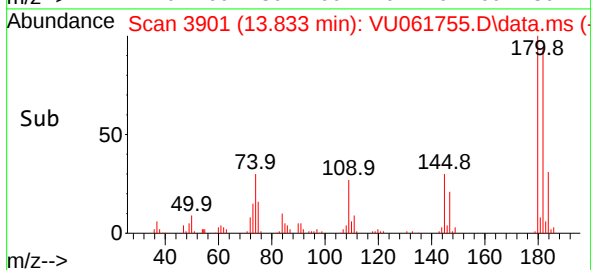
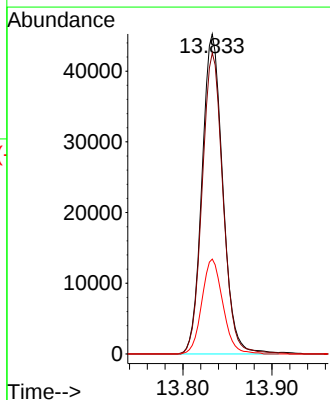
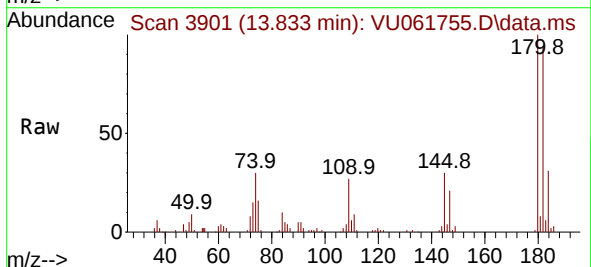


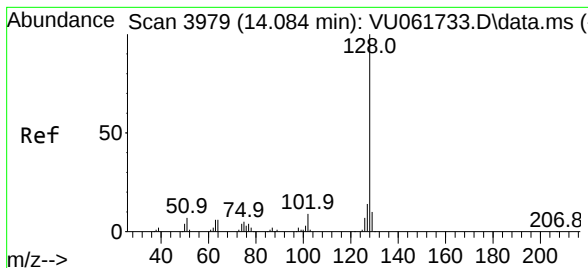
Tgt Ion:180 Resp: 92544
 Ion Ratio Lower Upper
 180 100
 182 92.2 77.1 115.7
 184 30.1 24.7 37.1
 145 29.1 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.785 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061755.D
 Acq: 16 Nov 2024 19:52

Tgt Ion:180 Resp: 73227
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.4 116.0
 145 29.9 24.5 36.7





#71

Naphthalene

Concen: 4.955 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

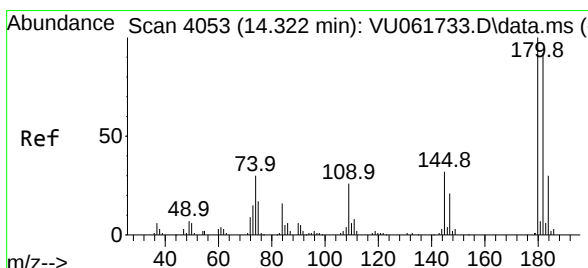
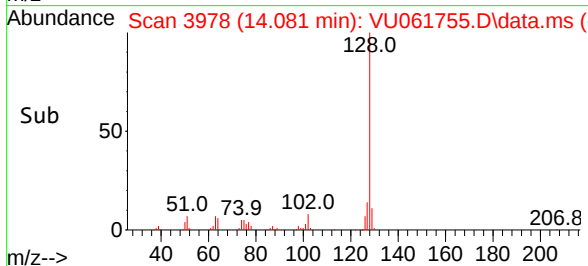
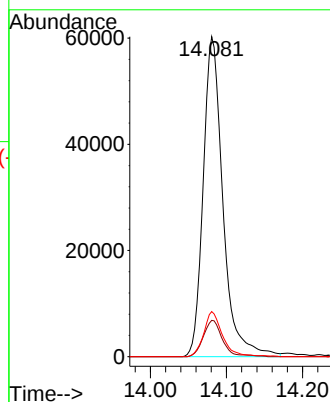
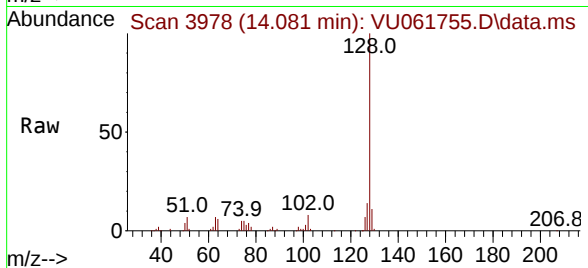
Tgt Ion:128 Resp: 108854

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.076 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061755.D

Acq: 16 Nov 2024 19:52

Tgt Ion:180 Resp: 65206

Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

145 31.9 26.3 39.5

