

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061824.D
 Acq On : 18 Nov 2024 19:47
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 03:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 00:15:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	177174	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	170287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55811	4.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.904	69	48651	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.560	65	24234	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.611	46	118719	48.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.720%
24) Chloroform-d	5.052	84	118822	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.692	65	56496	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.717	84	237713	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.679	67	70234	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.888	98	221133	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.174	79	24924	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.621	63	93875	46.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58356	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	74184	4.931	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63311	4.808	ug/L	99
3) Chloromethane	1.518	50	58984	4.937	ug/L	98
5) Vinyl chloride	1.602	62	67975	5.156	ug/L	86
6) Bromomethane	1.846	94	38318	4.871	ug/L	99
8) Chloroethane	1.927	64	47555	5.200	ug/L	93
9) Trichlorofluoromethane	2.132	101	95766	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58485	5.105	ug/L	99
12) 1,1-Dichloroethene	2.573	96	53960	5.045	ug/L	96
13) Acetone	2.618	43	76614	50.048	ug/L	99
14) Carbon disulfide	2.785	76	156663	4.560	ug/L	100
15) Methyl Acetate	2.946	43	19997	5.228	ug/L	96
16) Methylene chloride	3.036	84	65473	5.312	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	134250	5.121	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58673	5.001	ug/L	98
19) 1,1-Dichloroethane	3.856	63	110459	5.164	ug/L	97
21) 2-Butanone	4.692	43	128542	51.415	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	69794	5.275	ug/L	98
23) Bromochloromethane	4.965	128	31500	5.360	ug/L	98
25) Chloroform	5.074	83	120300	5.336	ug/L	94

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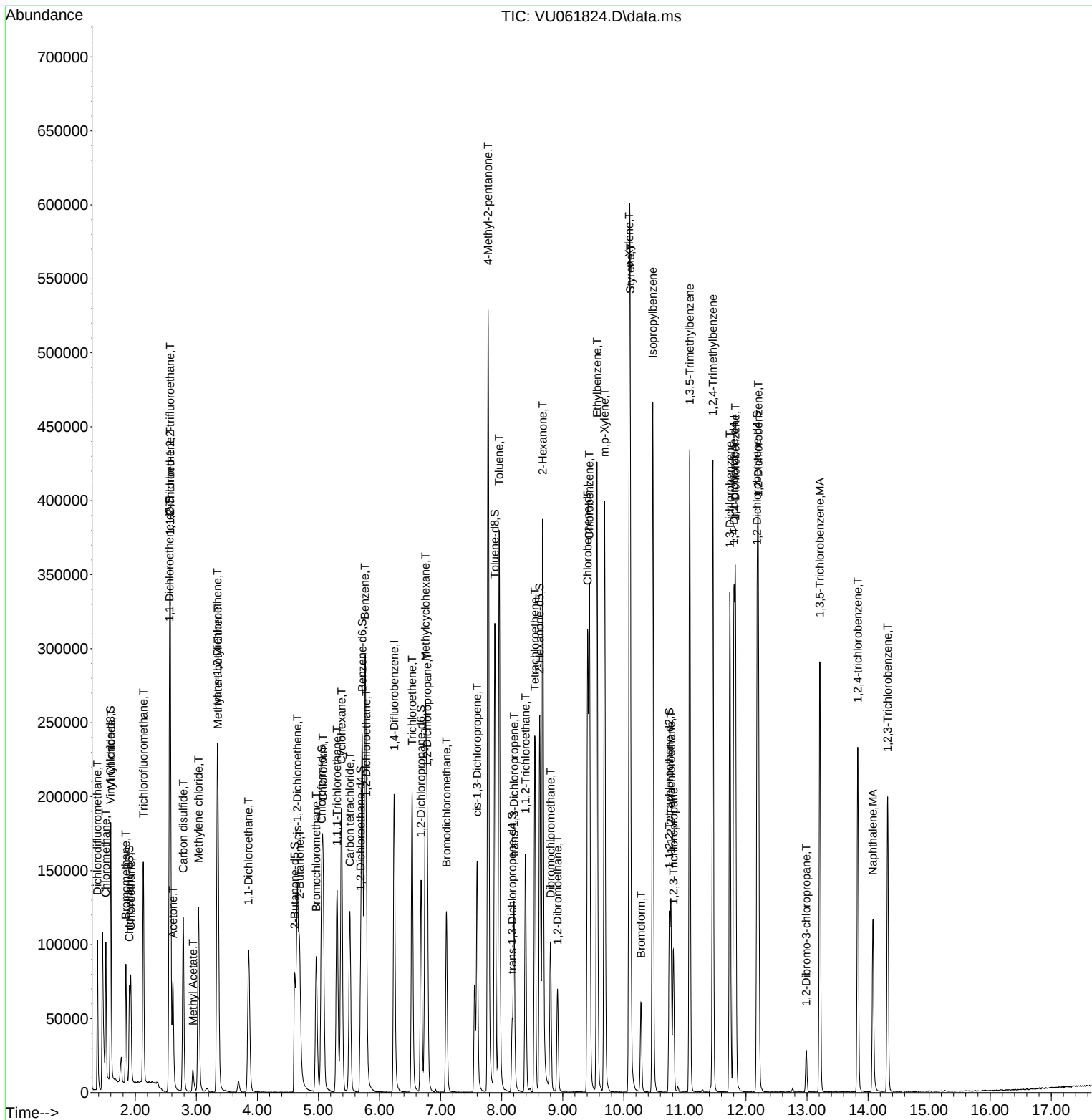
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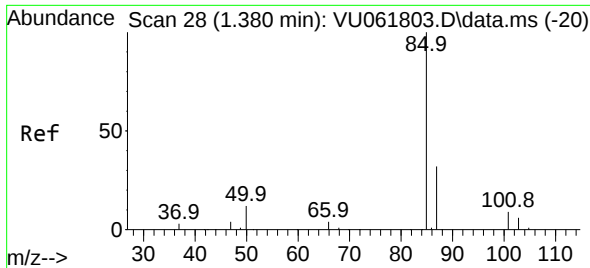
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75562	5.341	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	100705	5.197	ug/L	99
30) Cyclohexane	5.377	56	93685	4.840	ug/L	97
31) Carbon tetrachloride	5.515	117	83506	5.060	ug/L	99
33) Benzene	5.762	78	271263	5.263	ug/L	100
34) Trichloroethene	6.534	95	70929	5.097	ug/L	92
35) Methylcyclohexane	6.753	83	104908	4.999	ug/L	99
37) 1,2-Dichloropropane	6.782	63	67572	5.168	ug/L	98
38) Bromodichloromethane	7.097	83	80907	5.157	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	94660	5.087	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	323141	51.545	ug/L	99
42) Toluene	7.958	91	292447	5.270	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75887	5.141	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	50758	5.325	ug/L	97
47) Tetrachloroethene	8.544	164	53083	5.076	ug/L	98
48) 2-Hexanone	8.672	43	233027	51.986	ug/L	99
49) Dibromochloromethane	8.801	129	52898	5.293	ug/L	98
50) 1,2-Dibromoethane	8.913	107	48375	5.381	ug/L	96
51) Chlorobenzene	9.438	112	185794	5.202	ug/L	99
52) Ethylbenzene	9.563	91	311473	5.269	ug/L	99
53) m,p-Xylene	9.685	106	118943	5.259	ug/L	99
54) o-Xylene	10.090	106	117548	5.347	ug/L	96
55) Styrene	10.106	104	187358	5.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	62075	5.352	ug/L	96
59) Bromoform	10.283	173	27506	4.920	ug/L	97
60) Isopropylbenzene	10.476	105	308320	5.264	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41198	5.178	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	240307	5.124	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	237921	5.212	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	138220	5.145	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	138194	5.066	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	128670	5.151	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7327	5.274	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.212	180	92619	4.938	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	72103	4.960	ug/L	99
71) Naphthalene	14.080	128	104743	5.019	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	62096	5.089	ug/L	100

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

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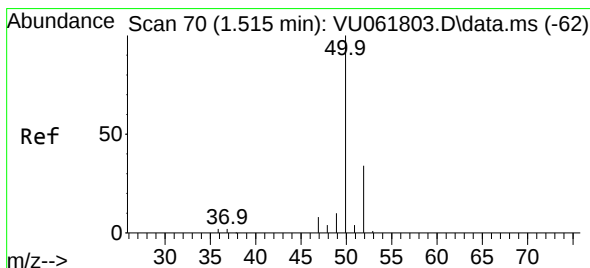
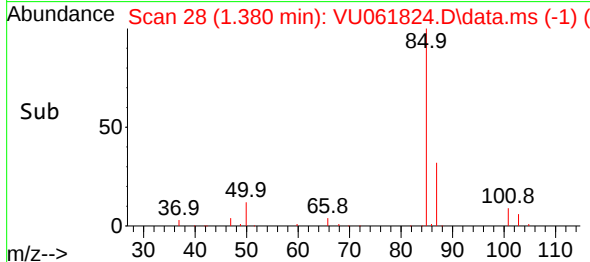
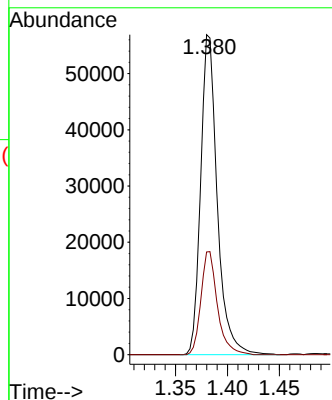
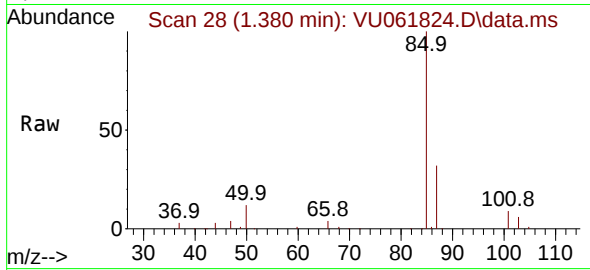




#2
 Dichlorodifluoromethane
 Concen: 4.808 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

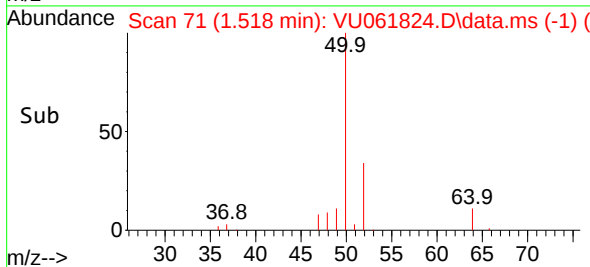
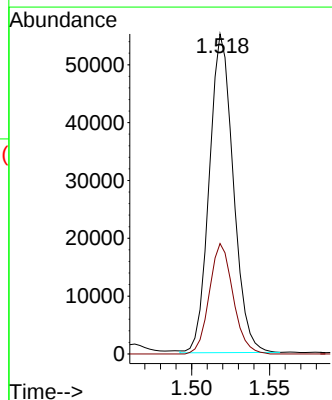
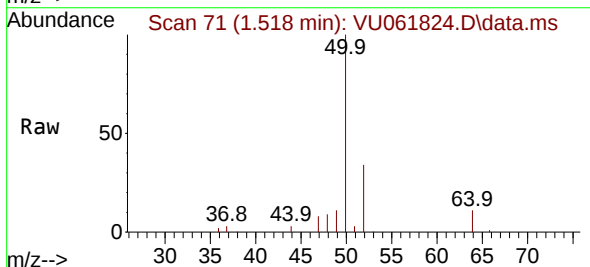
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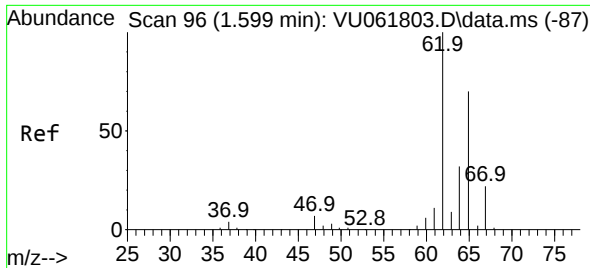
Tgt Ion: 85 Resp: 63311
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.937 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

Tgt Ion: 50 Resp: 58984
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.2 43.2

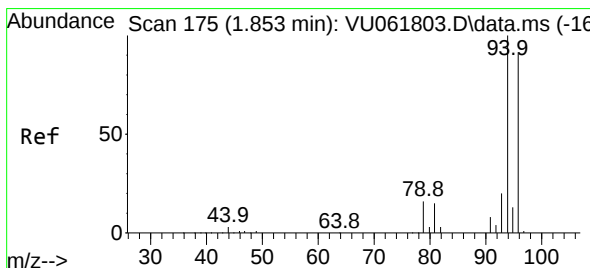
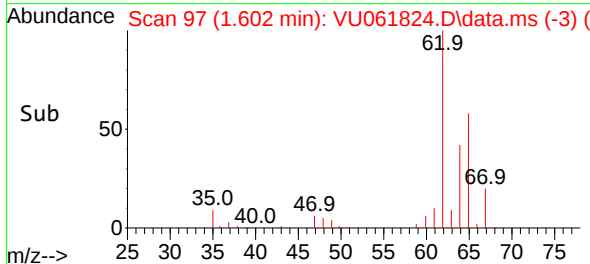
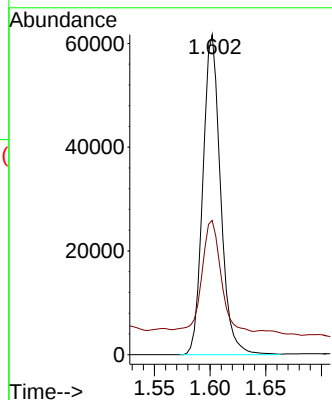
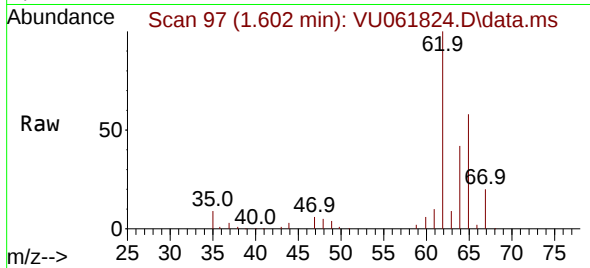




#5
Vinyl chloride
Concen: 5.156 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

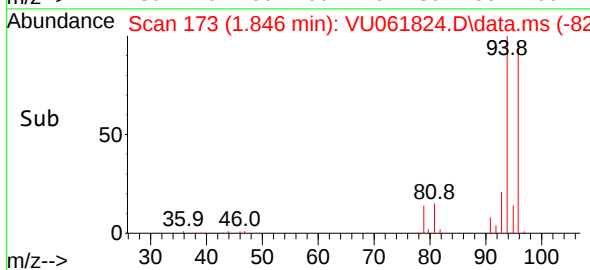
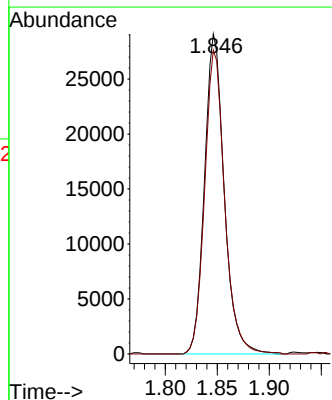
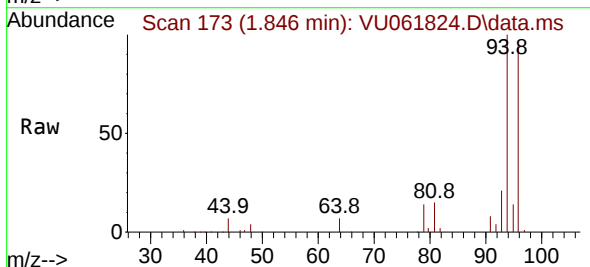
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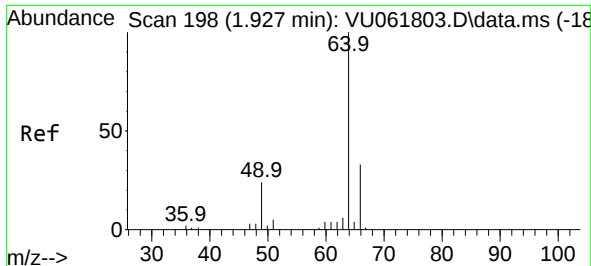
Tgt Ion: 62 Resp: 67975
Ion Ratio Lower Upper
62 100
64 42.0 23.7 44.1



#6
Bromomethane
Concen: 4.871 ug/L
RT: 1.846 min Scan# 173
Delta R.T. -0.006 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 94 Resp: 38318
Ion Ratio Lower Upper
94 100
96 94.9 65.7 121.9

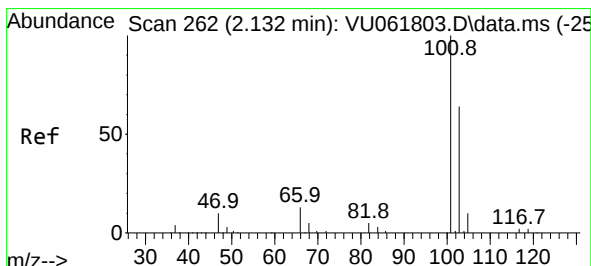
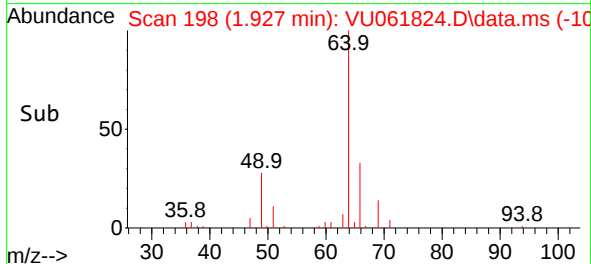
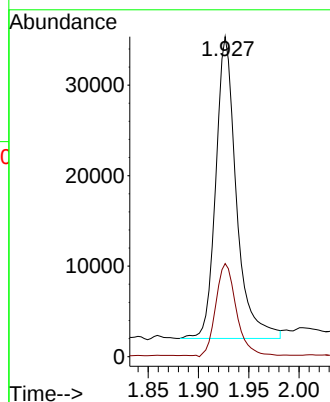
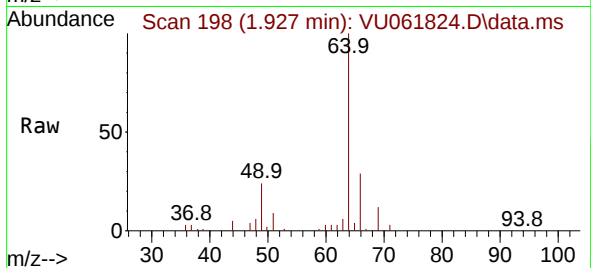




#8
Chloroethane
Concen: 5.200 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

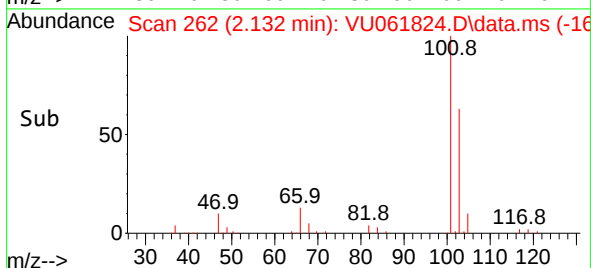
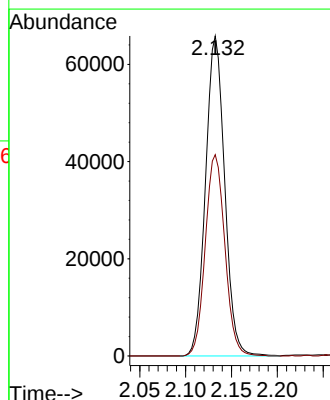
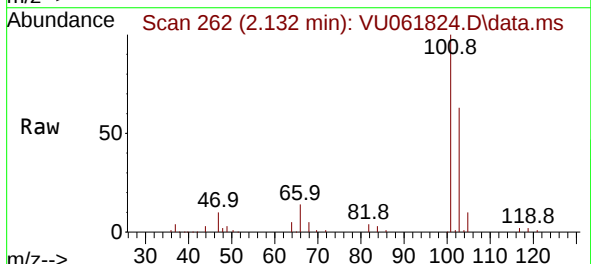
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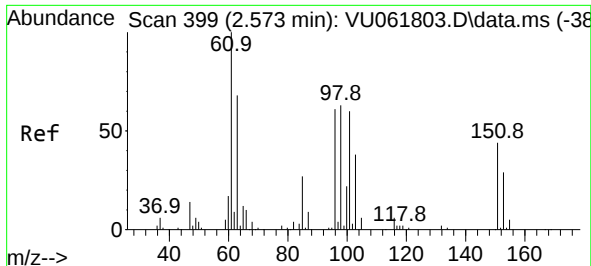
Tgt Ion: 64 Resp: 47555
Ion Ratio Lower Upper
64 100
66 29.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.941 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 101 Resp: 95766
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

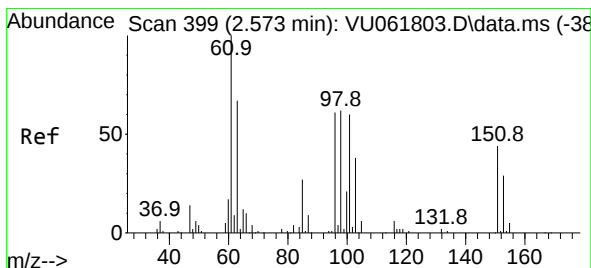
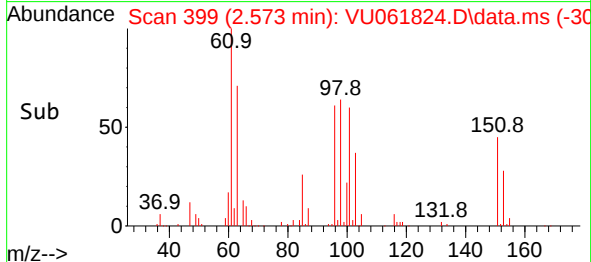
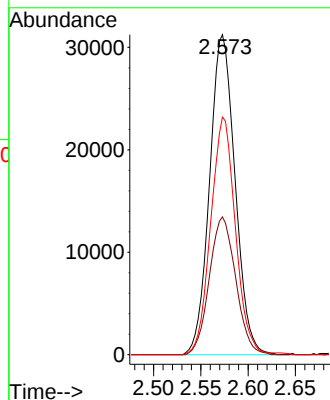
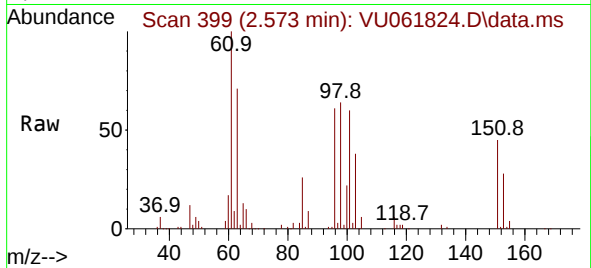




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.105 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

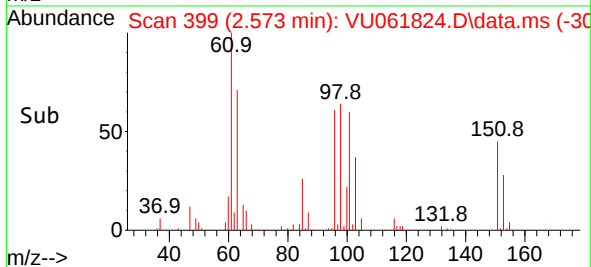
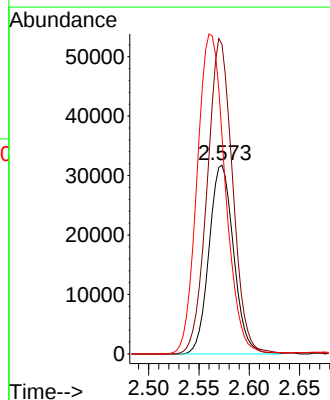
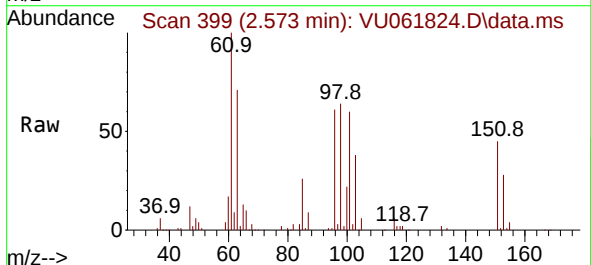
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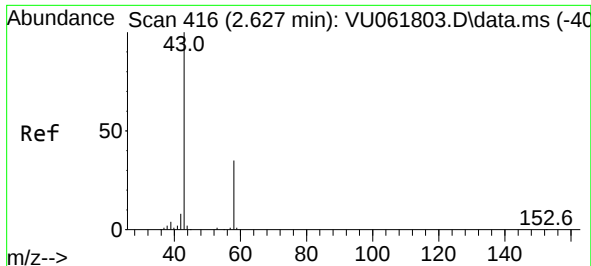
Tgt Ion:101 Resp: 58485
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.1 52.7
 151 72.2 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 5.045 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

Tgt Ion: 96 Resp: 53960
 Ion Ratio Lower Upper
 96 100
 61 164.1 116.8 217.0
 63 115.7 86.1 159.9





#13

Acetone

Concen: 50.048 ug/L

RT: 2.618 min Scan# 416

Delta R.T. -0.010 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

Instrument :

MSVOA_U

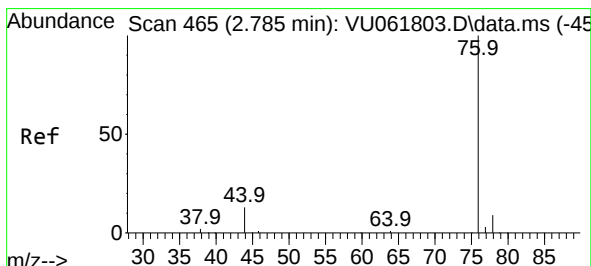
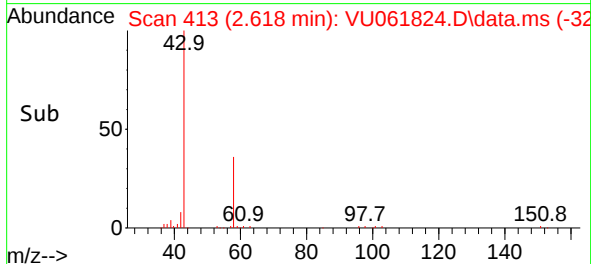
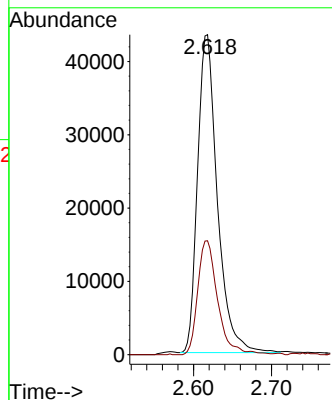
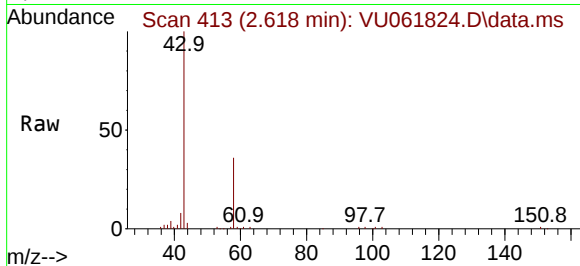
ClientSampleId :

Tgt Ion: 43 Resp: 76614

Ion Ratio Lower Upper

43 100

58 35.5 0.0 69.8



#14

Carbon disulfide

Concen: 4.560 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061824.D

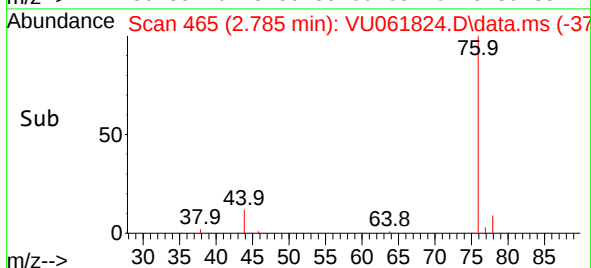
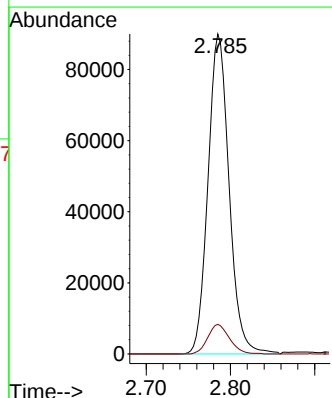
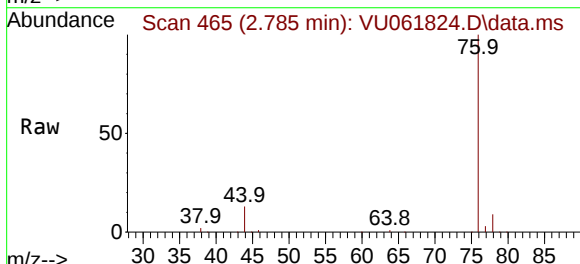
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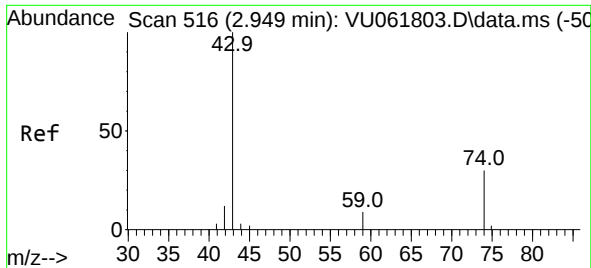
Tgt Ion: 76 Resp: 156663

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

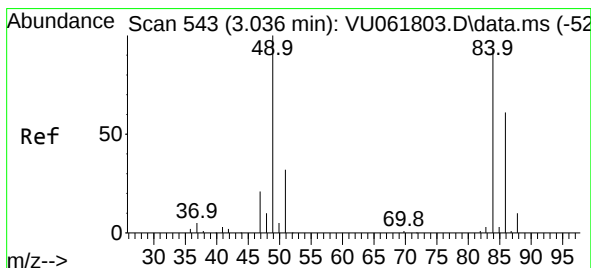
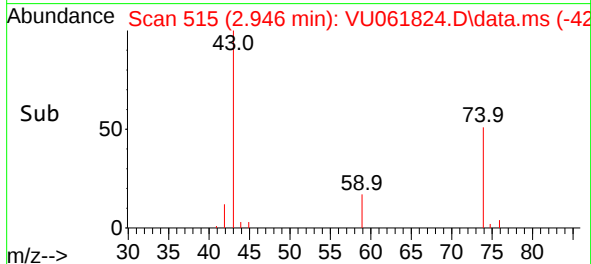
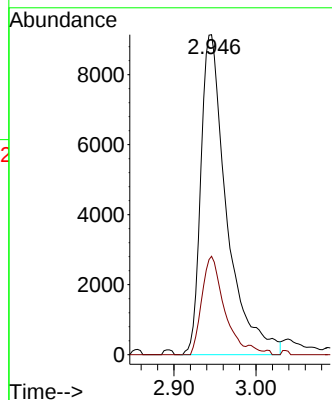
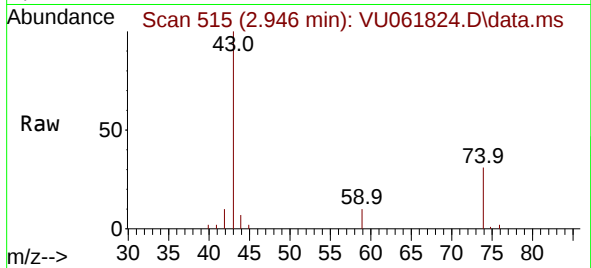




#15
Methyl Acetate
Concen: 5.228 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

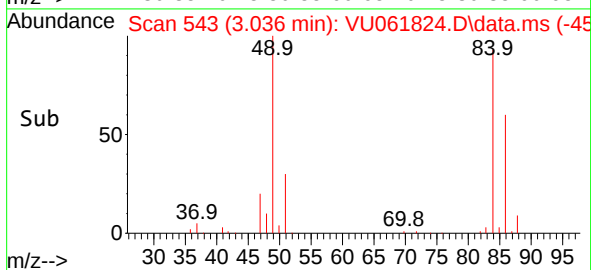
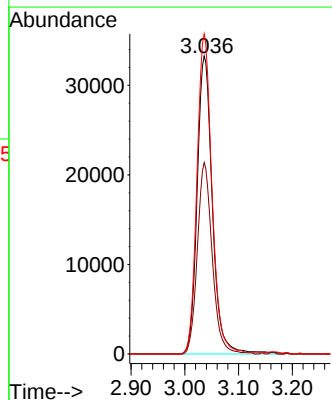
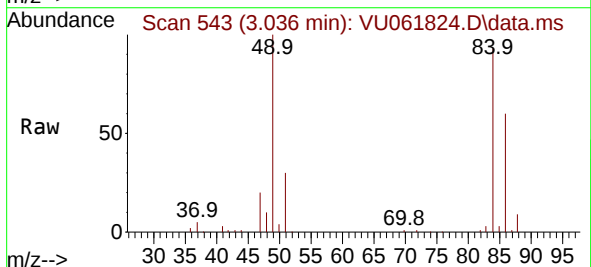
Instrument :
MSVOA_U
ClientSampleId :

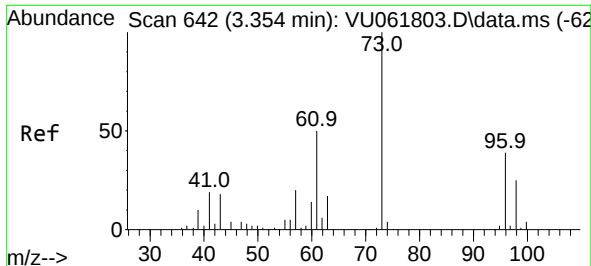
Tgt Ion: 43 Resp: 19997
Ion Ratio Lower Upper
43 100
74 26.1 22.5 33.7



#16
Methylene chloride
Concen: 5.312 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 84 Resp: 65473
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.7
49 107.3 76.3 141.7

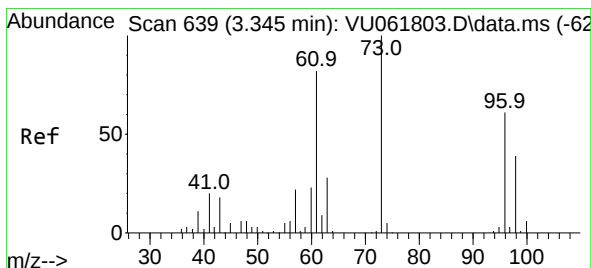
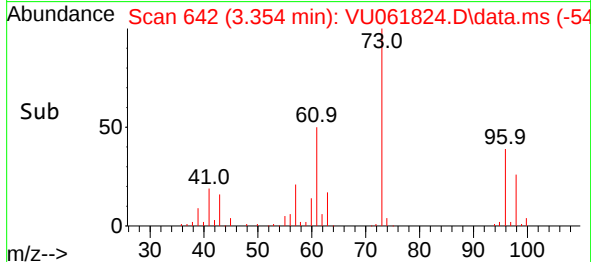
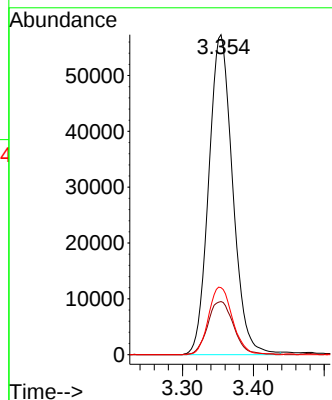
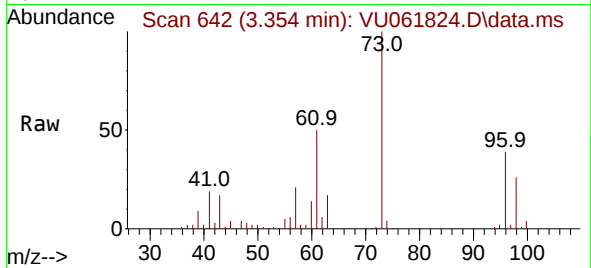




#17
Methyl tert-butyl Ether
Concen: 5.121 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

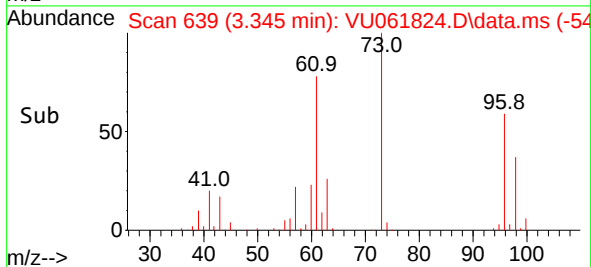
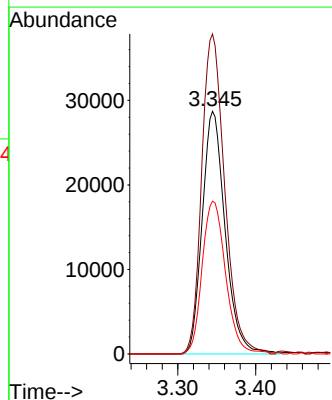
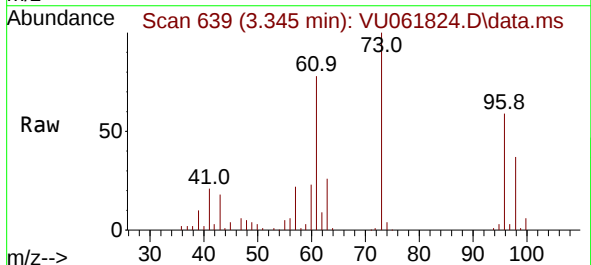
Instrument :
MSVOA_U
ClientSampleId :

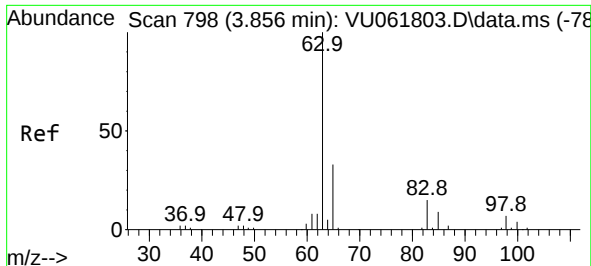
Tgt Ion: 73 Resp: 134250
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 21.2 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.001 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 96 Resp: 58673
Ion Ratio Lower Upper
96 100
61 131.8 94.1 174.8
98 63.0 43.2 80.2

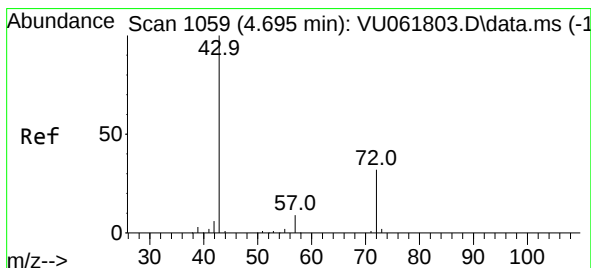
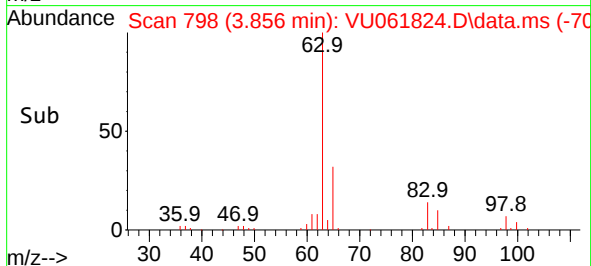
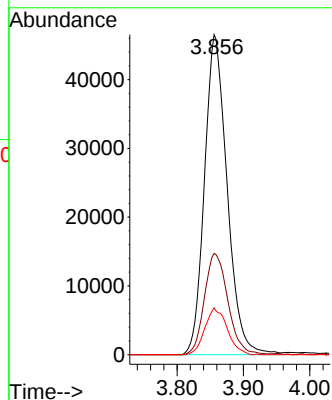
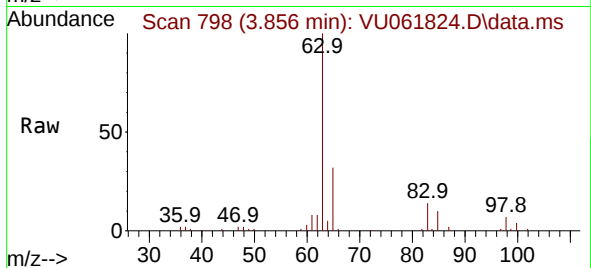




#19
1,1-Dichloroethane
Concen: 5.164 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

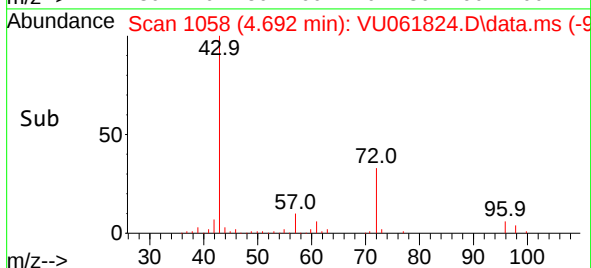
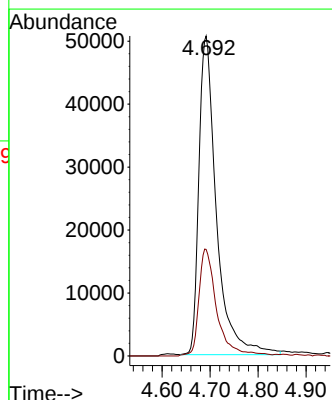
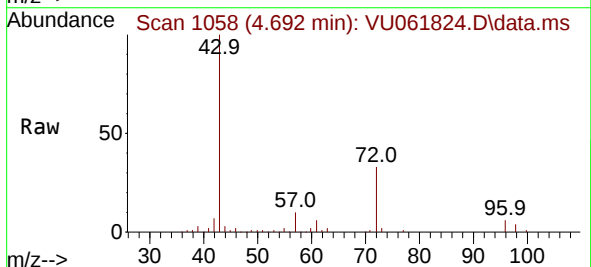
Instrument :
MSVOA_U
ClientSampleId :

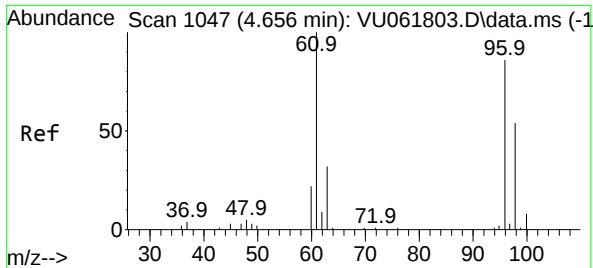
Tgt Ion: 63 Resp: 110459
Ion Ratio Lower Upper
63 100
65 31.7 23.4 43.4
83 14.6 9.6 17.8



#21
2-Butanone
Concen: 51.415 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 43 Resp: 128542
Ion Ratio Lower Upper
43 100
72 34.2 15.8 47.3





#22

cis-1,2-Dichloroethene

Concen: 5.275 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

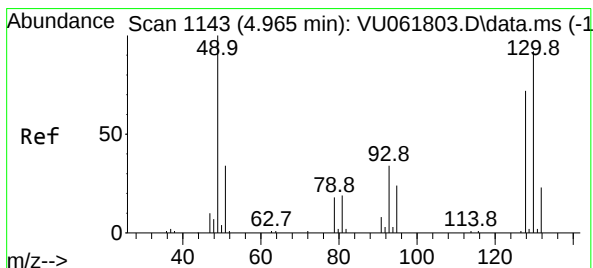
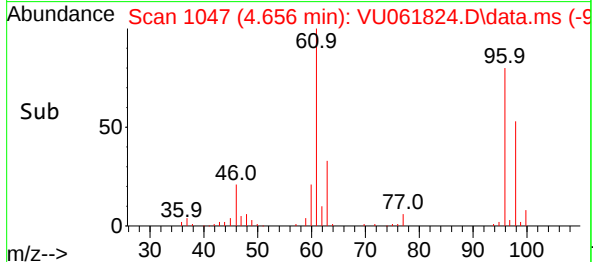
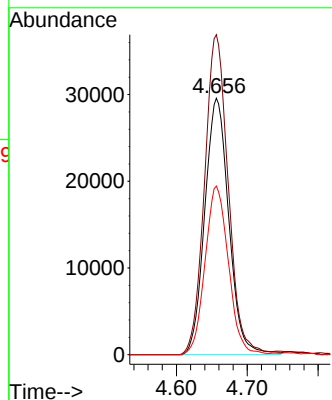
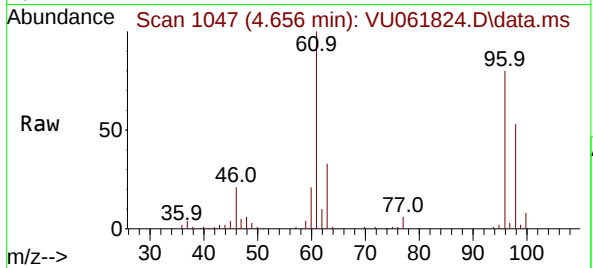
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 69794

Ion	Ratio	Lower	Upper
96	100		
61	124.8	85.6	159.0
98	65.8	45.6	84.8



#23

Bromochloromethane

Concen: 5.360 ug/L

RT: 4.965 min Scan# 1143

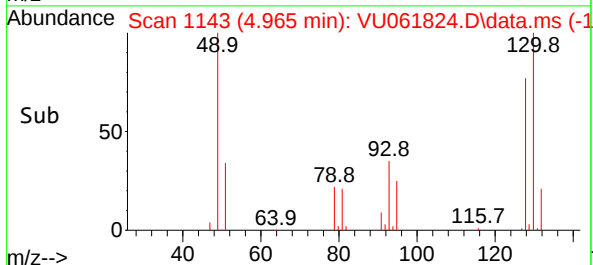
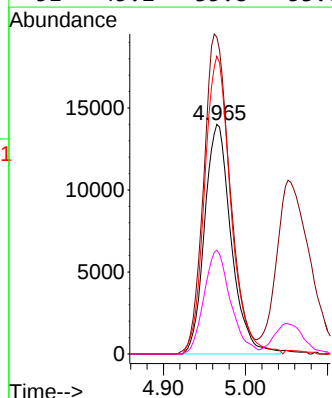
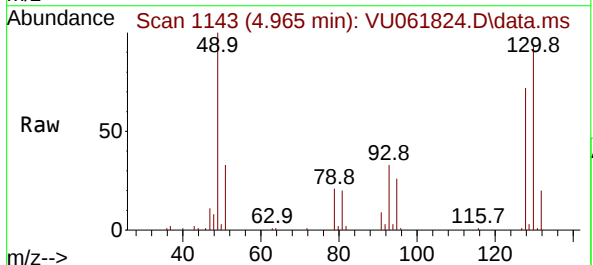
Delta R.T. -0.000 min

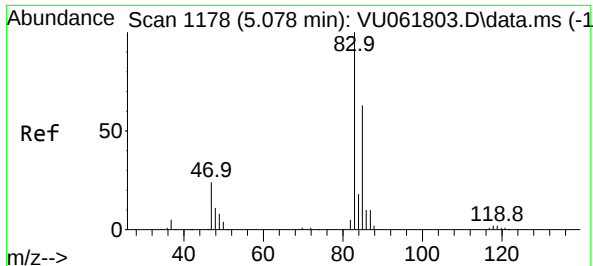
Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

Tgt Ion: 128 Resp: 31500

Ion	Ratio	Lower	Upper
128	100		
49	142.5	99.1	184.1
130	129.7	88.6	164.6
51	45.2	35.8	53.6





#25

Chloroform

Concen: 5.336 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

Instrument :

MSVOA_U

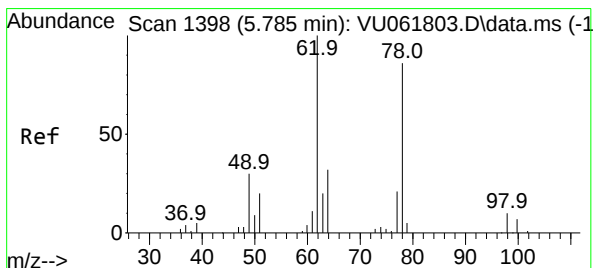
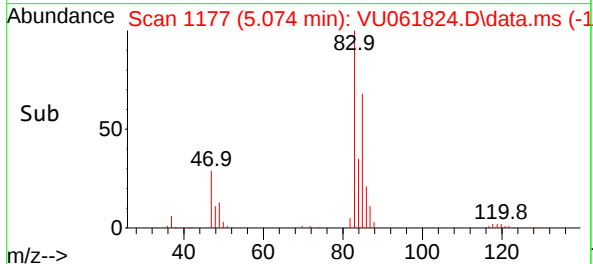
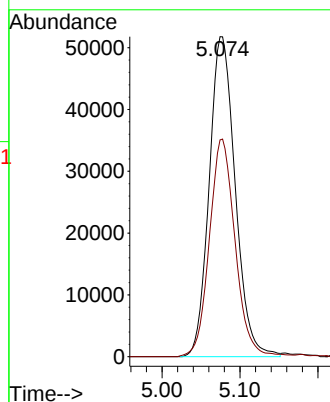
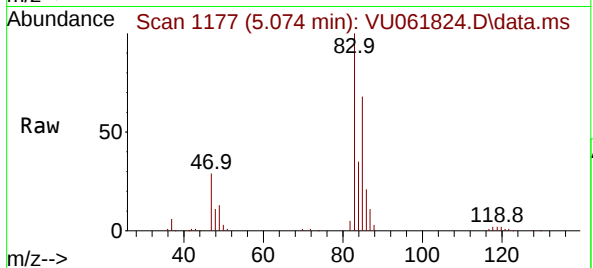
ClientSampleId :

Tgt Ion: 83 Resp: 120300

Ion Ratio Lower Upper

83 100

85 67.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.341 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061824.D

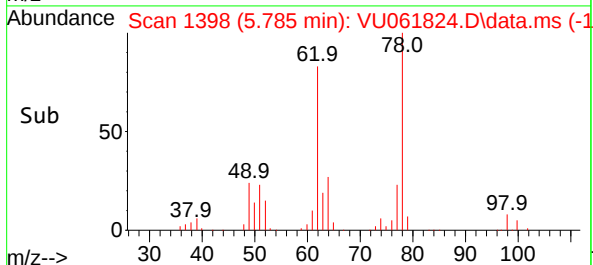
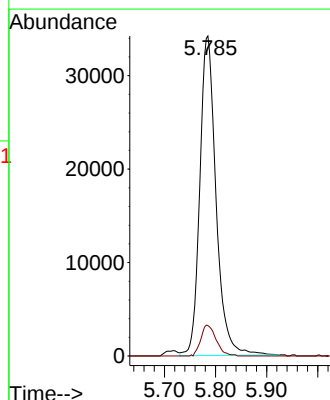
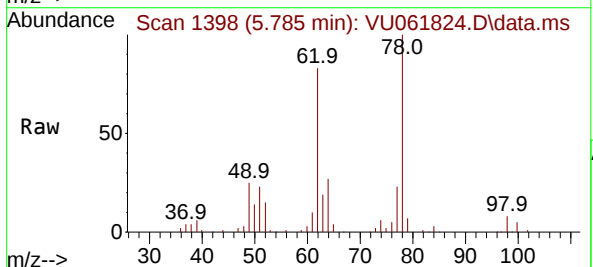
Acq: 18 Nov 2024 19:47

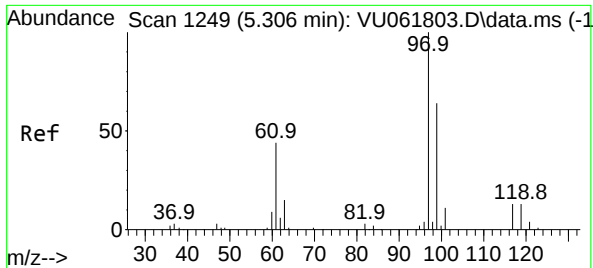
Tgt Ion: 62 Resp: 75562

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5

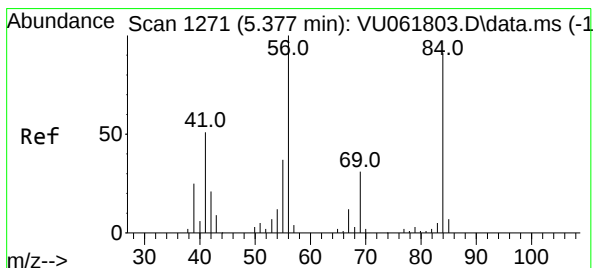
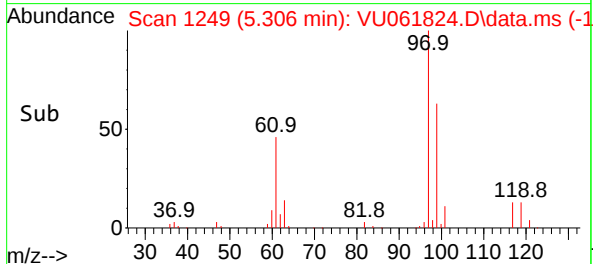
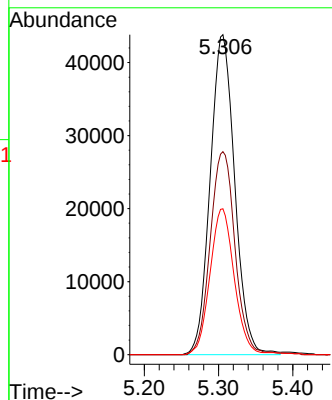
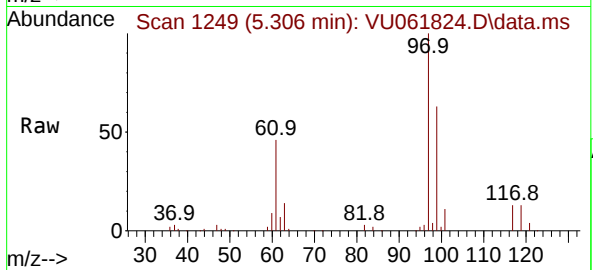




#29
1,1,1-Trichloroethane
Concen: 5.197 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

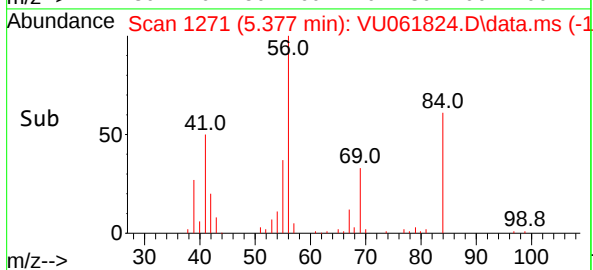
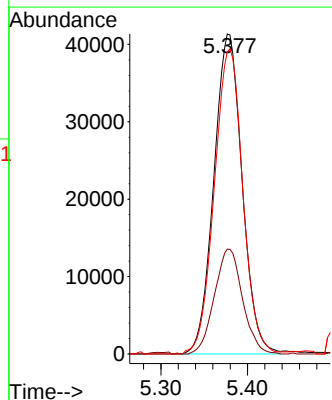
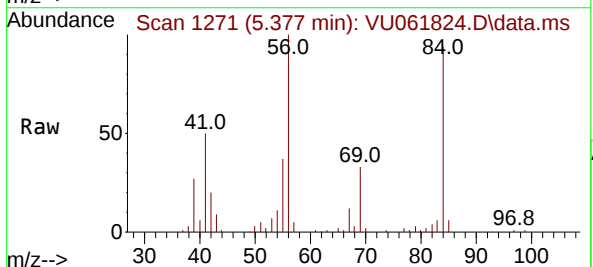
Instrument :
MSVOA_U
ClientSampleId :

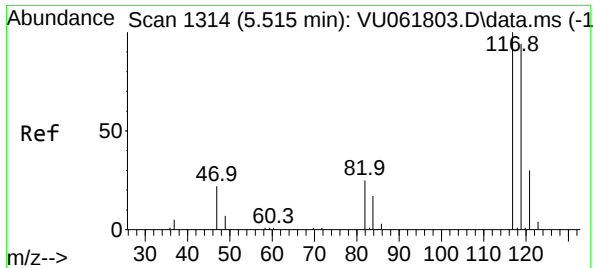
Tgt Ion: 97 Resp: 100705
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 45.5 35.4 53.0



#30
Cyclohexane
Concen: 4.840 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 56 Resp: 93685
Ion Ratio Lower Upper
56 100
69 32.6 25.6 38.4
84 95.9 74.3 111.5

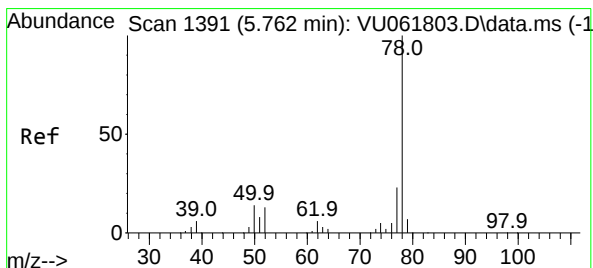
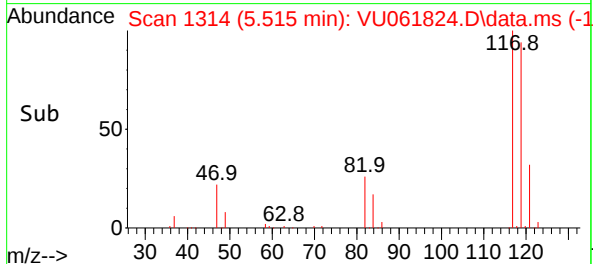
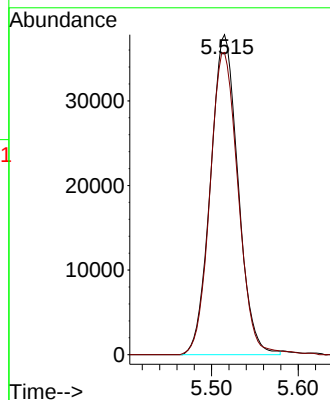
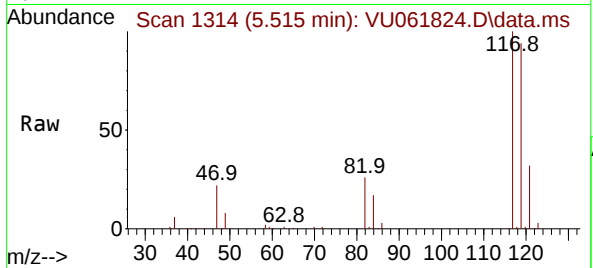




#31
Carbon tetrachloride
Concen: 5.060 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

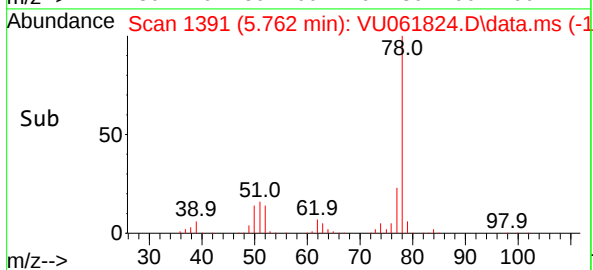
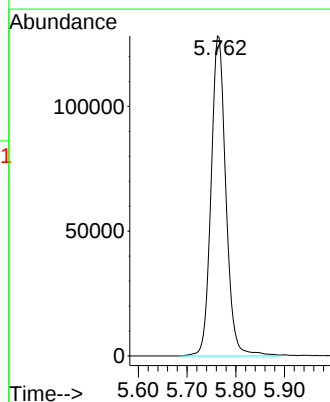
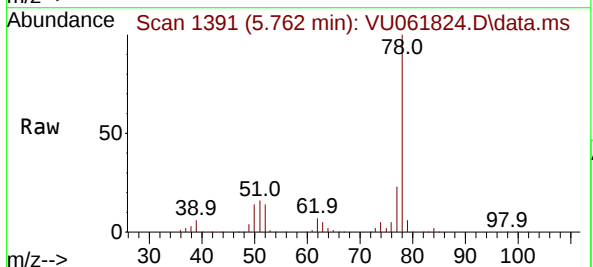
Instrument :
MSVOA_U
ClientSampleId :

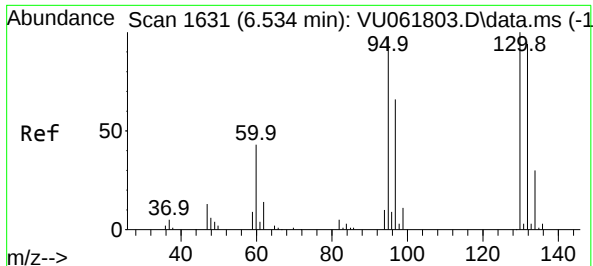
Tgt Ion:117 Resp: 83506
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 5.263 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 78 Resp: 271263





#34

Trichloroethene

Concen: 5.097 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 70929

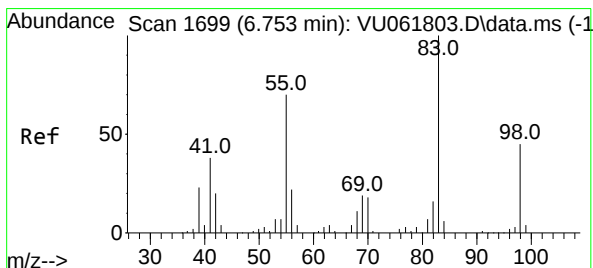
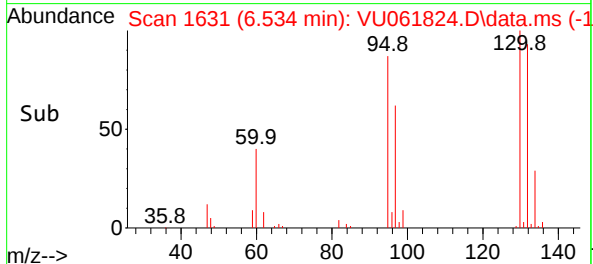
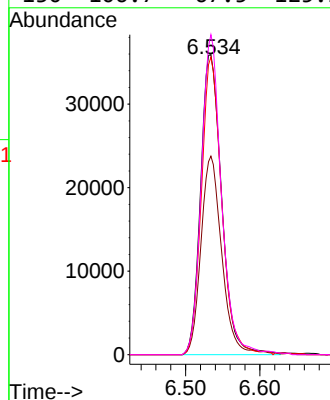
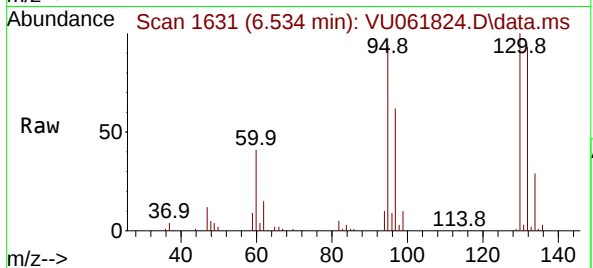
Ion Ratio Lower Upper

95 100

97 66.2 43.5 80.9

132 99.2 65.2 121.0

130 106.7 67.5 125.3



#35

Methylcyclohexane

Concen: 4.999 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

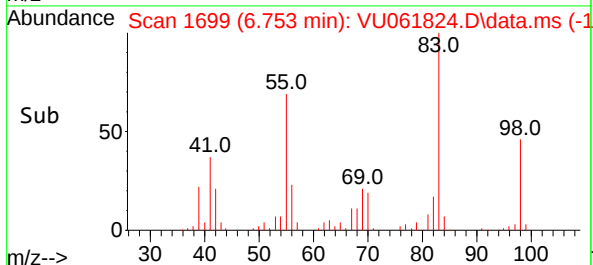
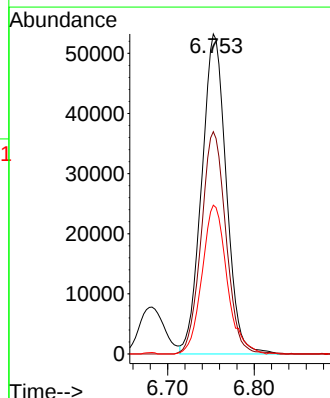
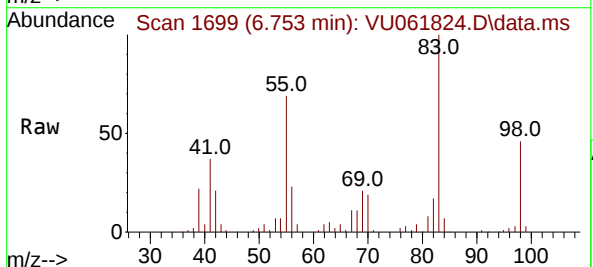
Tgt Ion: 83 Resp: 104908

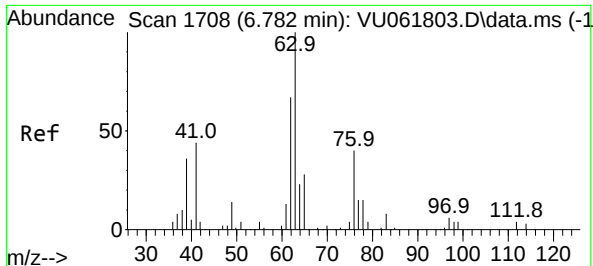
Ion Ratio Lower Upper

83 100

55 69.6 56.4 84.6

98 47.3 37.7 56.5

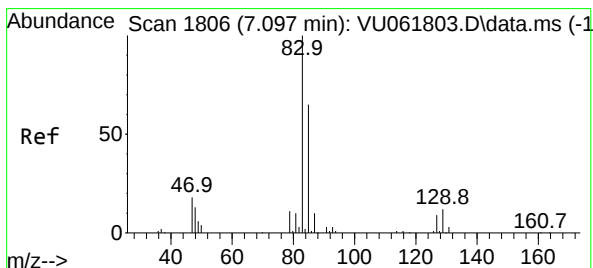
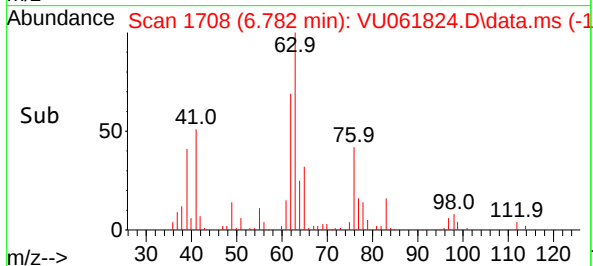
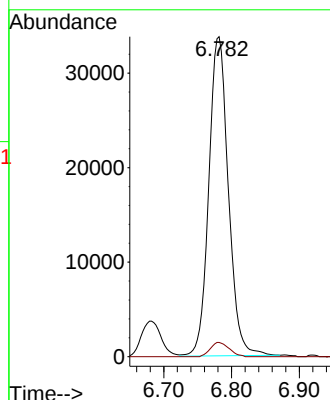
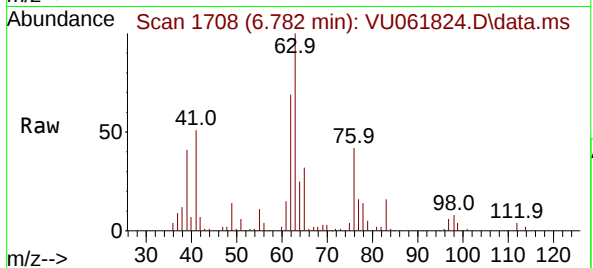




#37
1,2-Dichloropropane
Concen: 5.168 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

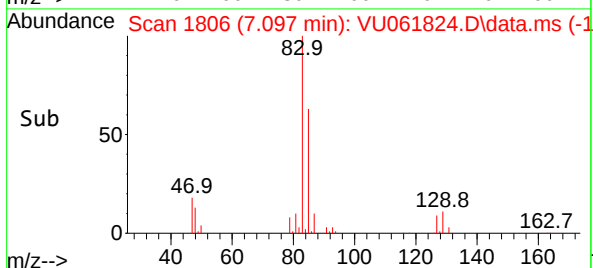
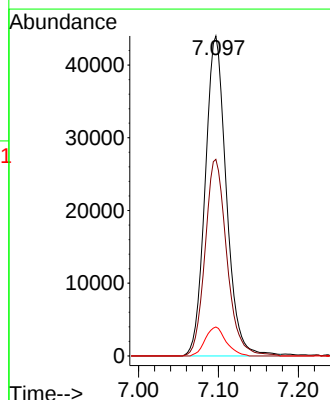
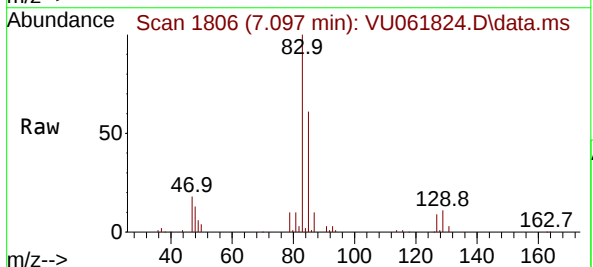
Instrument :
MSVOA_U
ClientSampleId :

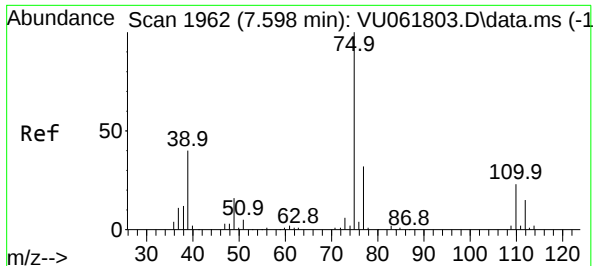
Tgt Ion: 63 Resp: 67572
Ion Ratio Lower Upper
63 100
112 4.3 3.0 4.4



#38
Bromodichloromethane
Concen: 5.157 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 83 Resp: 80907
Ion Ratio Lower Upper
83 100
85 61.4 45.0 83.6
127 9.0 6.9 10.3

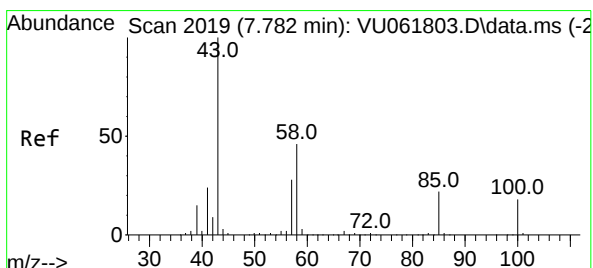
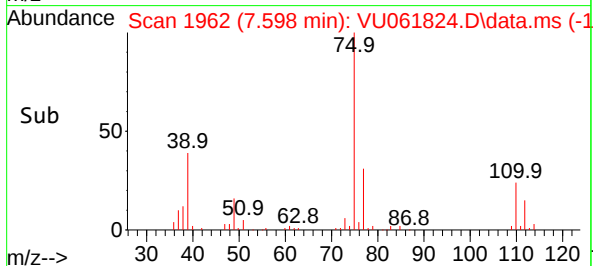
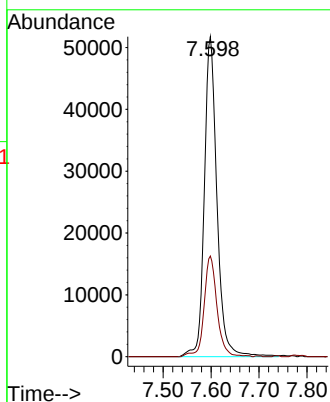
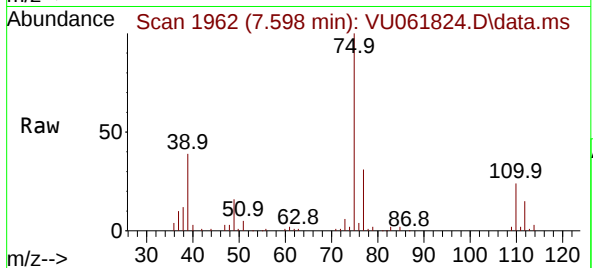




#39
 cis-1,3-Dichloropropene
 Concen: 5.087 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

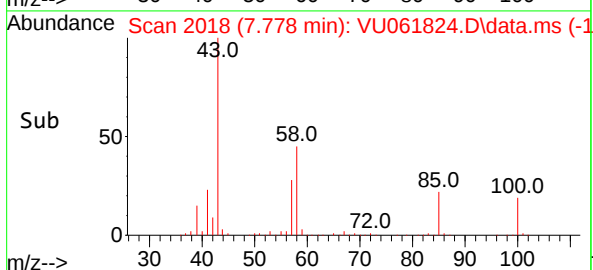
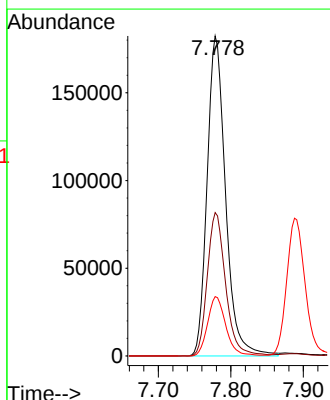
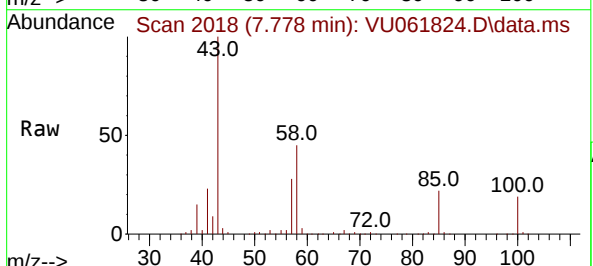
Instrument :
 MSVOA_U
 ClientSampleId :

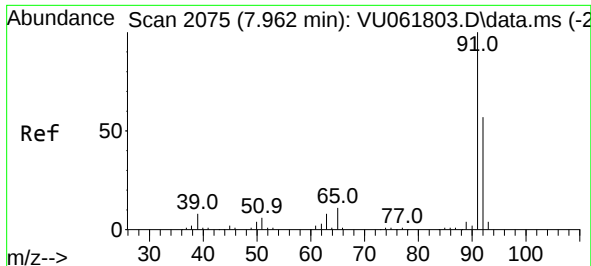
Tgt Ion: 75 Resp: 94660
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 51.545 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

Tgt Ion: 43 Resp: 323141
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.7 53.5
 100 18.3 14.2 21.2





#42

Toluene

Concen: 5.270 ug/L

RT: 7.958 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

Instrument :

MSVOA_U

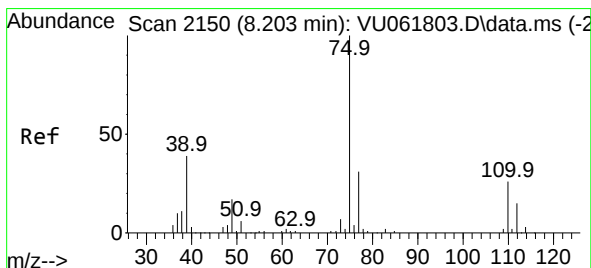
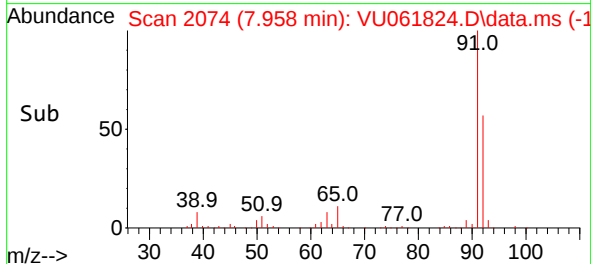
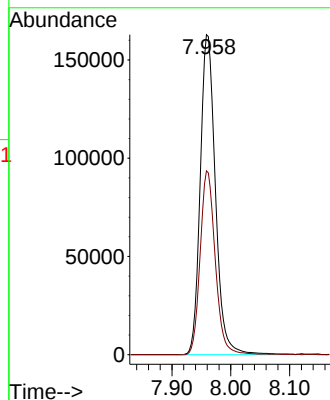
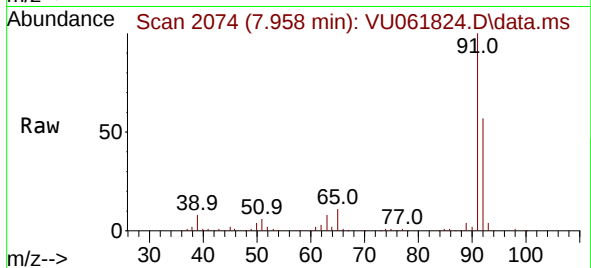
ClientSampleId :

Tgt Ion: 91 Resp: 292447

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.141 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061824.D

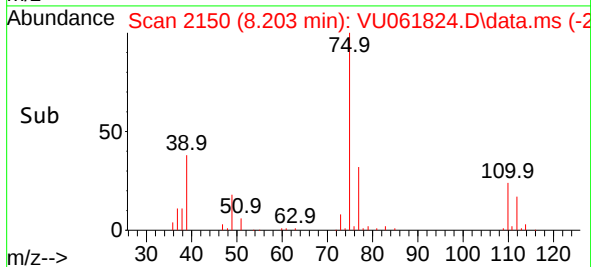
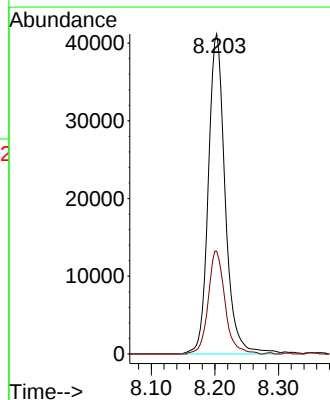
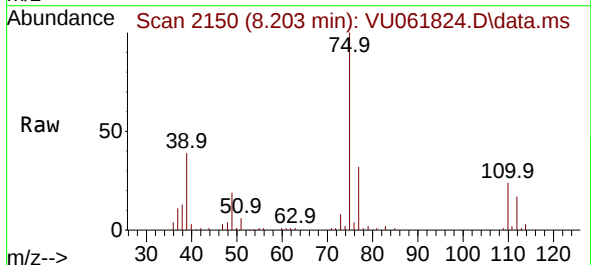
Acq: 18 Nov 2024 19:47

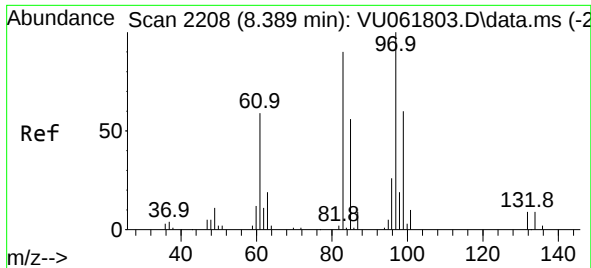
Tgt Ion: 75 Resp: 75887

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

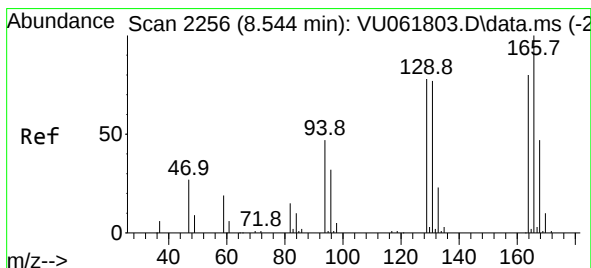
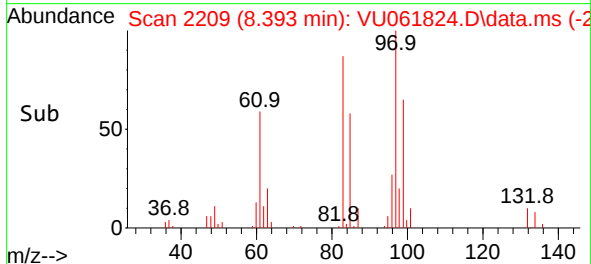
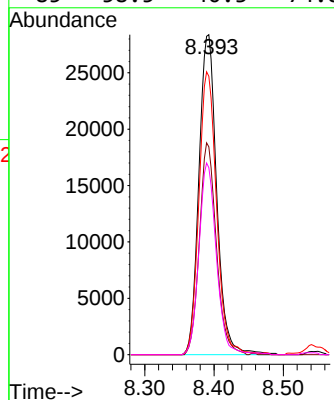
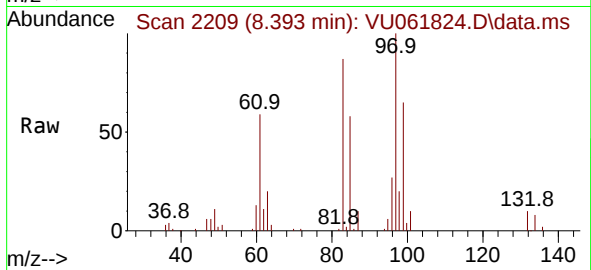




#45
1,1,2-Trichloroethane
Concen: 5.325 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

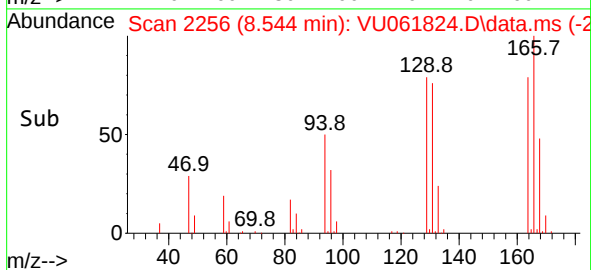
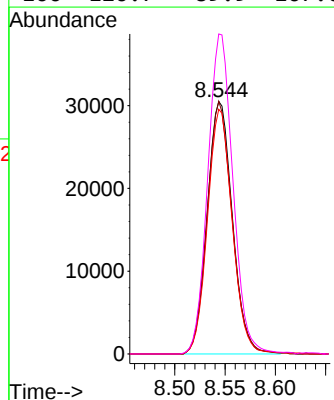
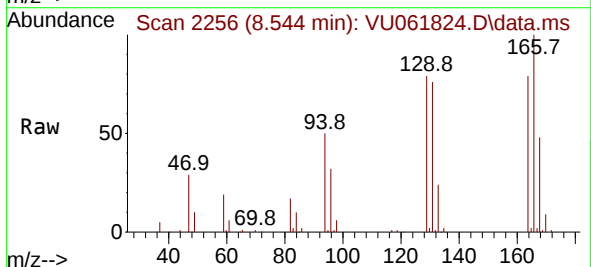
Instrument :
MSVOA_U
ClientSampleId :

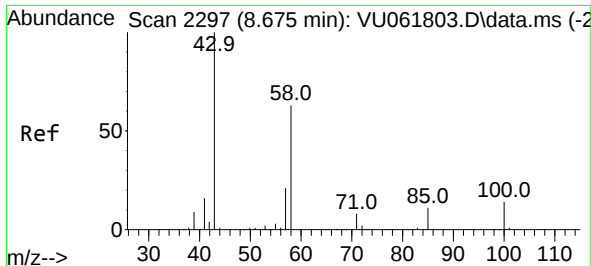
Tgt Ion:	97	Resp:	50758
Ion	Ratio	Lower	Upper
97	100		
99	65.0	43.8	81.3
83	87.0	63.2	117.4
85	58.5	40.3	74.8



#47
Tetrachloroethene
Concen: 5.076 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion:	164	Resp:	53083
Ion	Ratio	Lower	Upper
164	100		
129	100.0	71.7	133.3
131	96.9	68.2	126.6
166	126.7	89.9	167.0

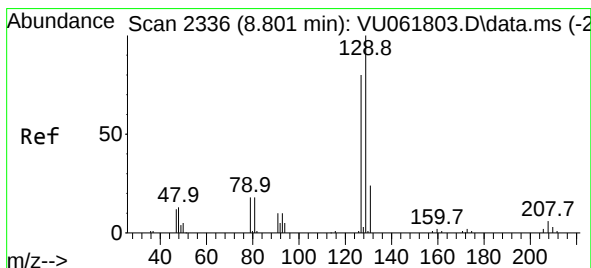
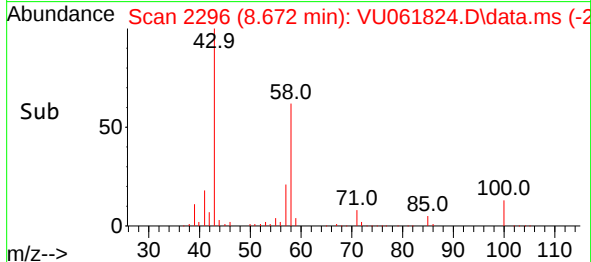
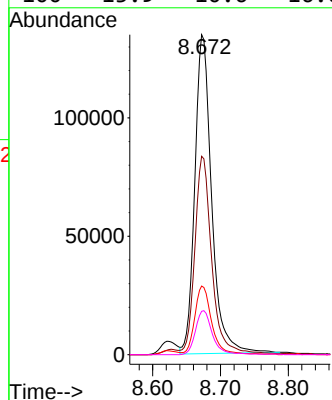
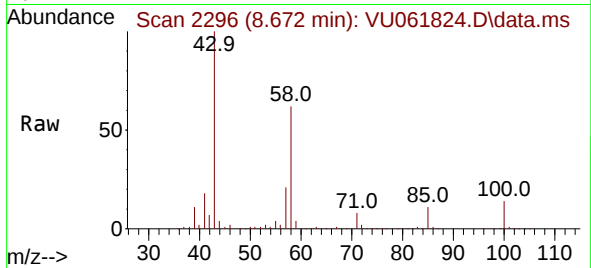




#48
2-Hexanone
Concen: 51.986 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

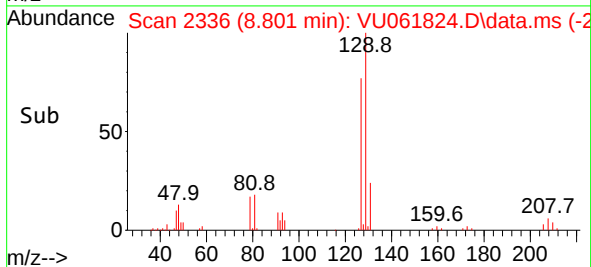
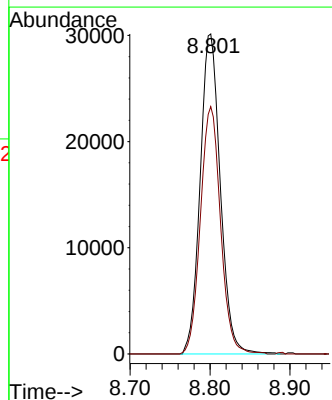
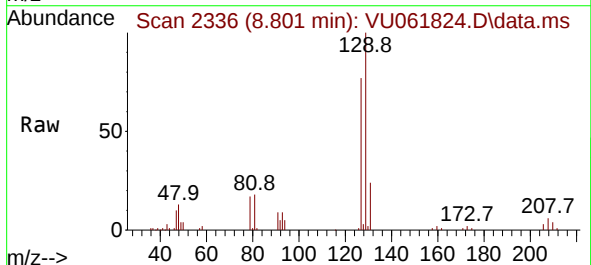
Instrument :
MSVOA_U
ClientSampleId :

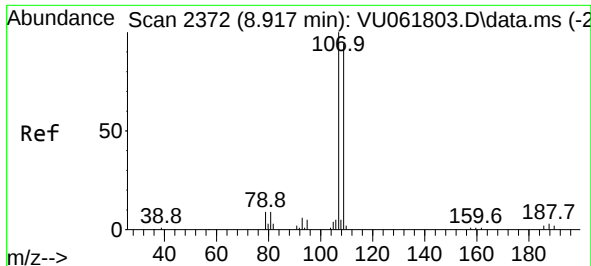
Tgt Ion: 43 Resp: 233027
Ion Ratio Lower Upper
43 100
58 62.0 49.4 74.2
57 20.8 16.3 24.5
100 13.9 10.6 16.0



#49
Dibromochloromethane
Concen: 5.293 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 129 Resp: 52898
Ion Ratio Lower Upper
129 100
127 77.3 55.1 102.3





#50

1,2-Dibromoethane

Concen: 5.381 ug/L

RT: 8.913 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU061824.D

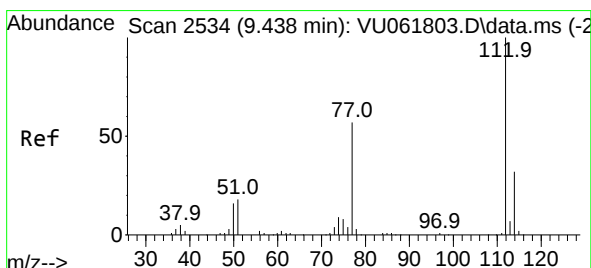
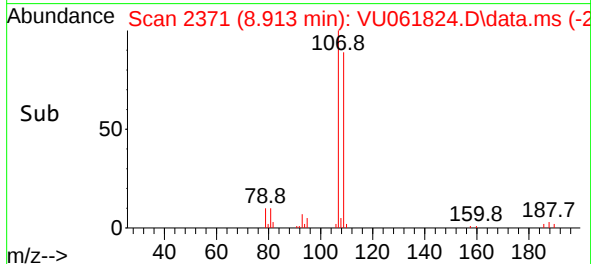
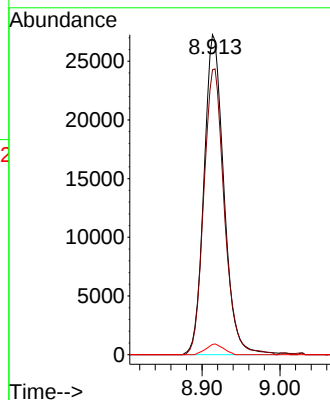
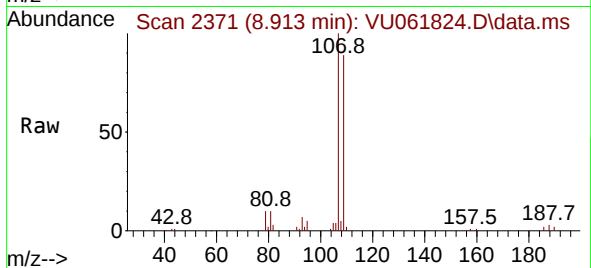
Acq: 18 Nov 2024 19:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	48375
Ion Ratio	Lower	Upper
107	100	
109	89.1	64.8 120.4
188	3.2	2.5 3.7



#51

Chlorobenzene

Concen: 5.202 ug/L

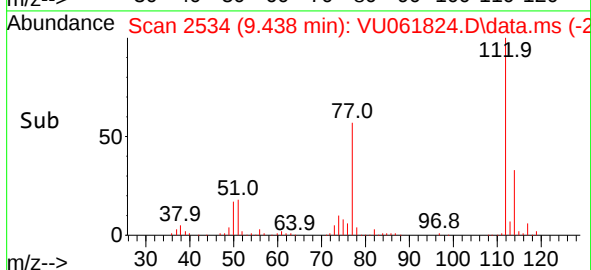
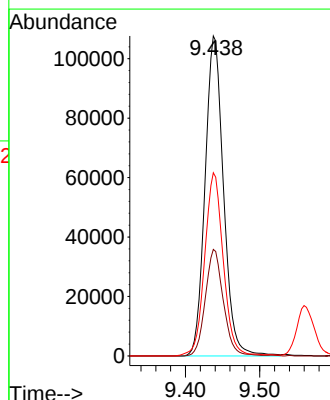
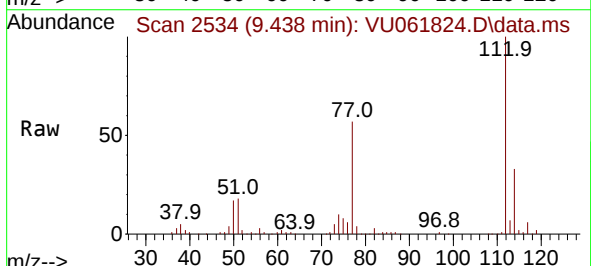
RT: 9.438 min Scan# 2534

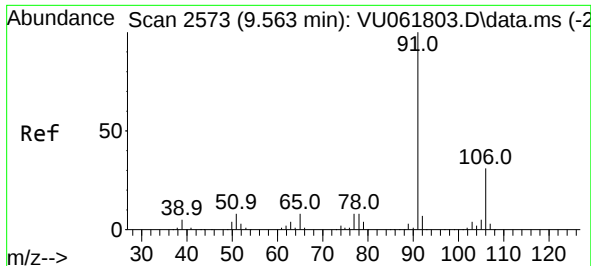
Delta R.T. -0.000 min

Lab File: VU061824.D

Acq: 18 Nov 2024 19:47

Tgt Ion:112	Resp:	185794
Ion Ratio	Lower	Upper
112	100	
114	33.3	22.5 41.9
77	57.3	45.3 67.9

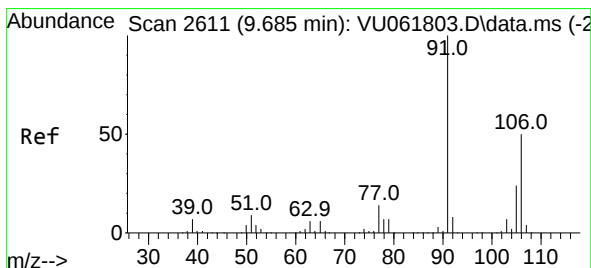
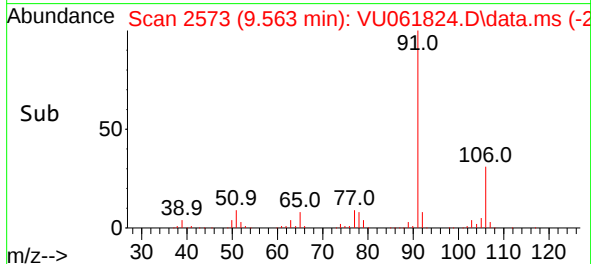
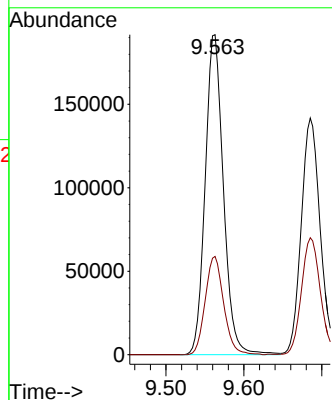
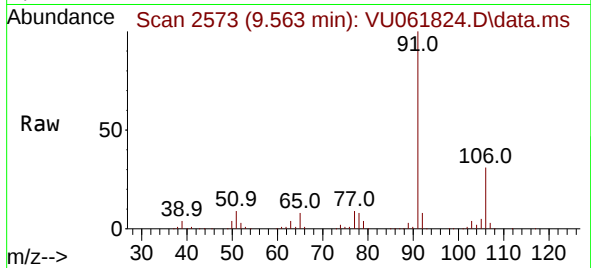




#52
Ethylbenzene
Concen: 5.269 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

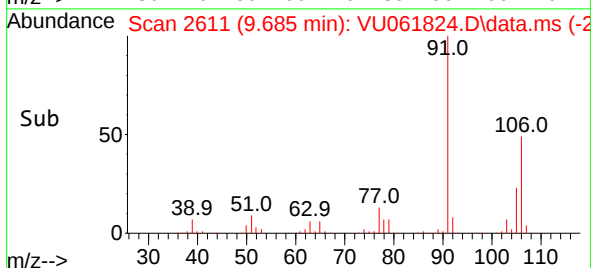
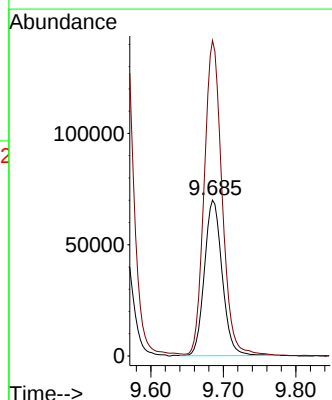
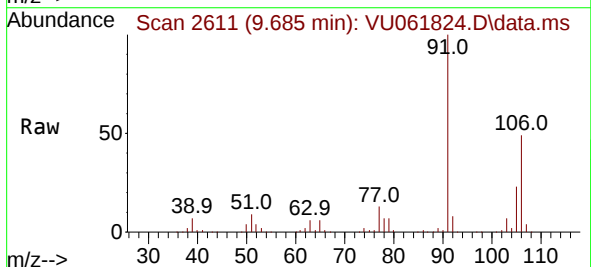
Instrument :
MSVOA_U
ClientSampleId :

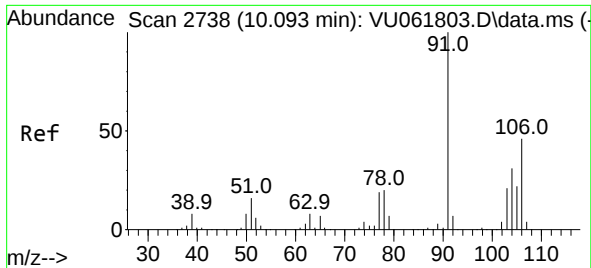
Tgt Ion: 91 Resp: 311473
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#53
m,p-Xylene
Concen: 5.259 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 106 Resp: 118943
Ion Ratio Lower Upper
106 100
91 202.4 140.4 260.8

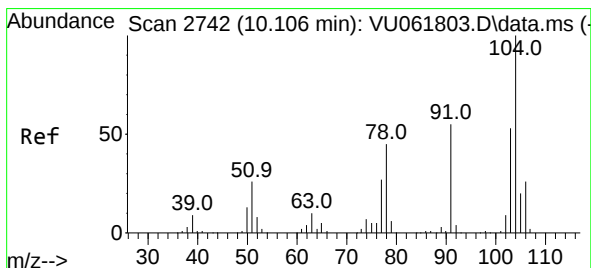
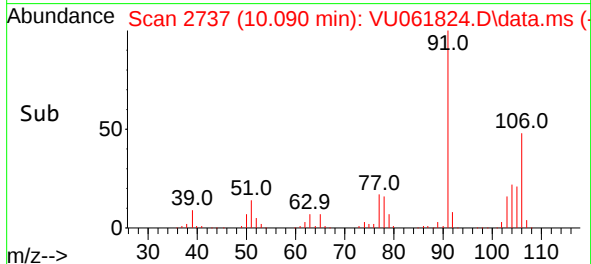
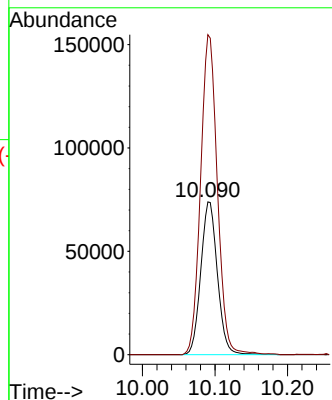
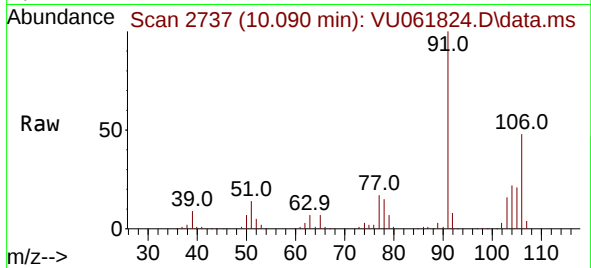




#54
o-Xylene
Concen: 5.347 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

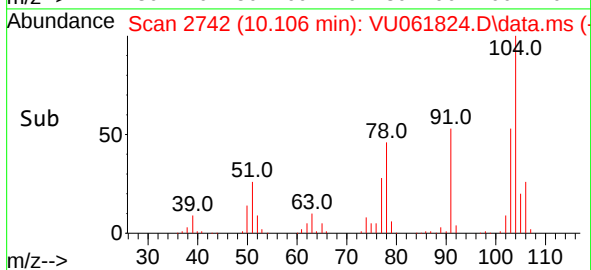
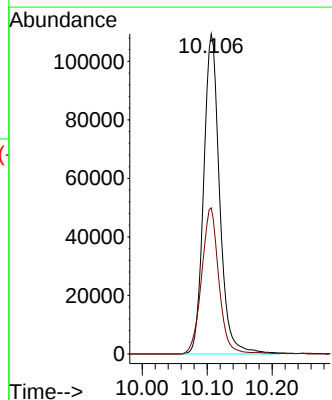
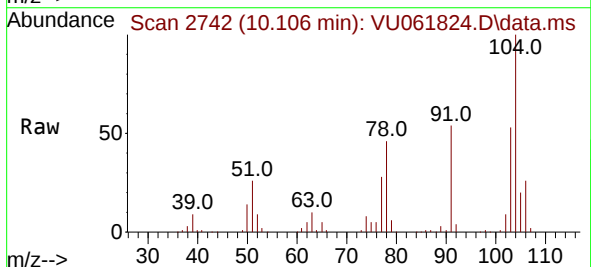
Instrument :
MSVOA_U
ClientSampleId :

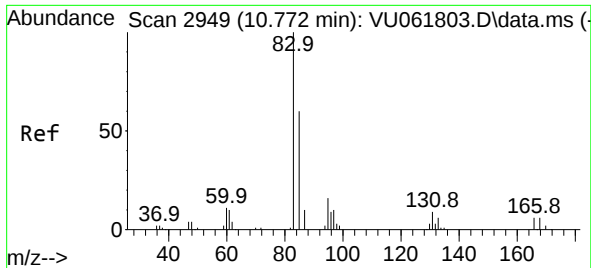
Tgt Ion:106 Resp: 117548
Ion Ratio Lower Upper
106 100
91 209.4 151.3 280.9



#55
Styrene
Concen: 5.353 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion:104 Resp: 187358
Ion Ratio Lower Upper
104 100
78 45.6 31.6 58.6

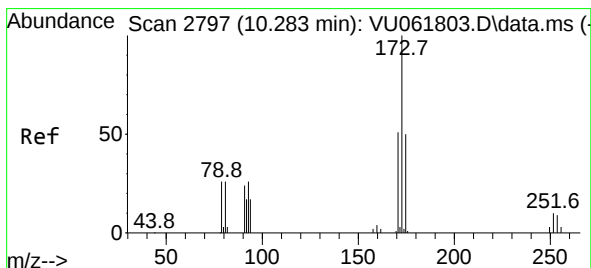
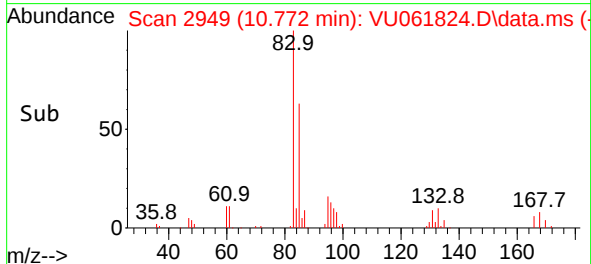
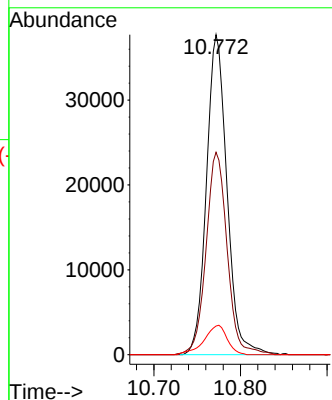
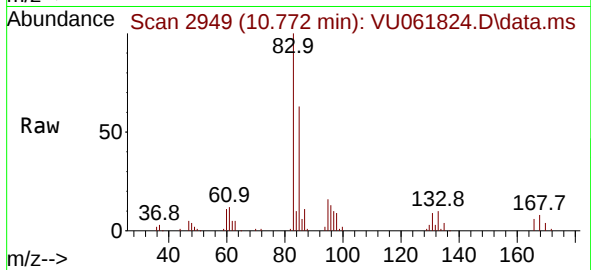




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.352 ug/L
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

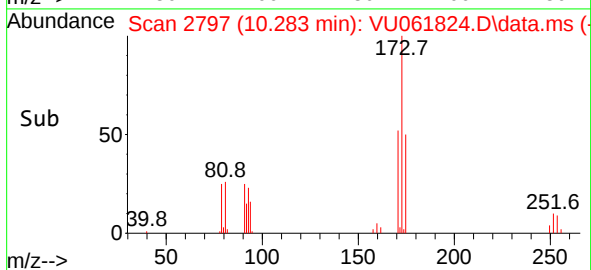
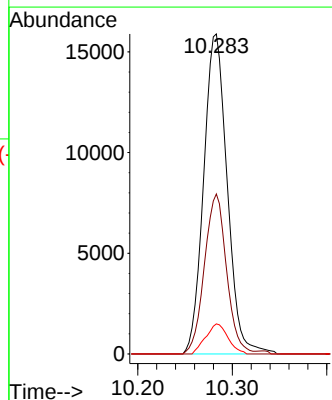
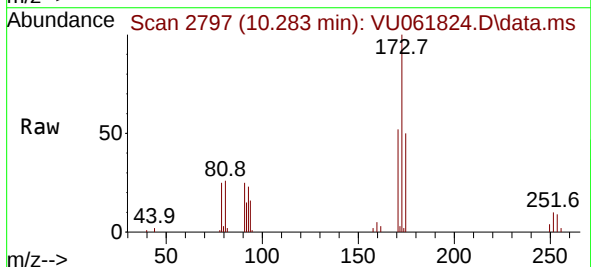
Instrument :
 MSVOA_U
 ClientSampleId :

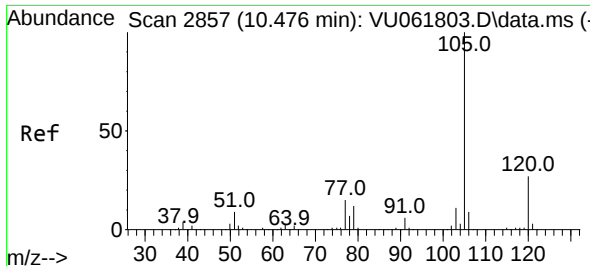
Tgt Ion: 83 Resp: 62075
 Ion Ratio Lower Upper
 83 100
 85 63.2 41.9 77.9
 131 9.0 7.8 11.6



#59
 Bromoform
 Concen: 4.920 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

Tgt Ion: 173 Resp: 27506
 Ion Ratio Lower Upper
 173 100
 175 47.0 39.3 58.9
 254 8.9 7.8 11.8

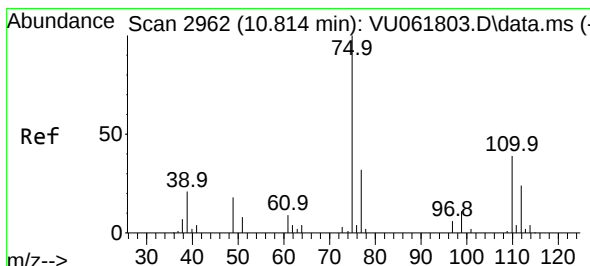
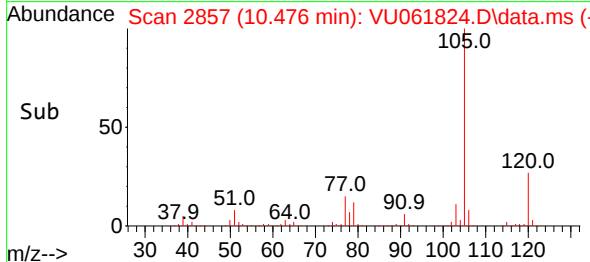
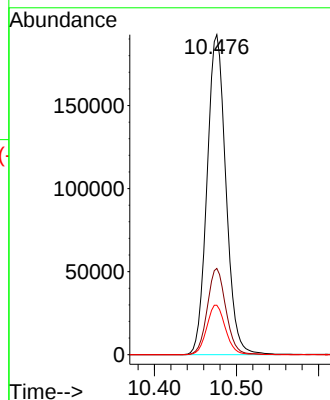
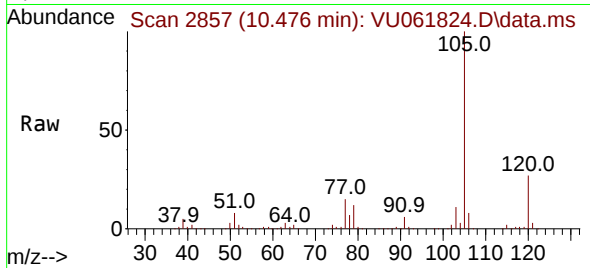




#60
Isopropylbenzene
Concen: 5.264 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

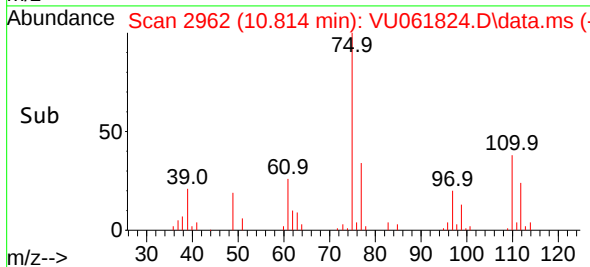
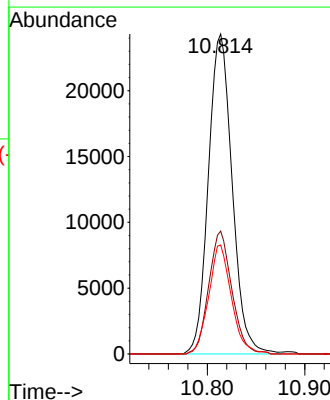
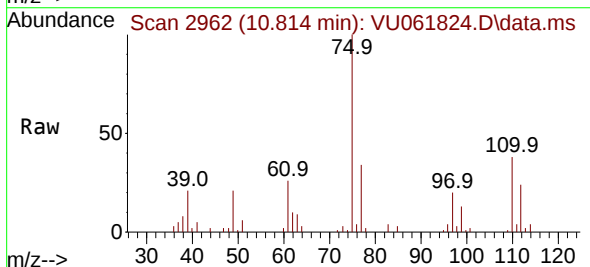
Instrument :
MSVOA_U
ClientSampleId :

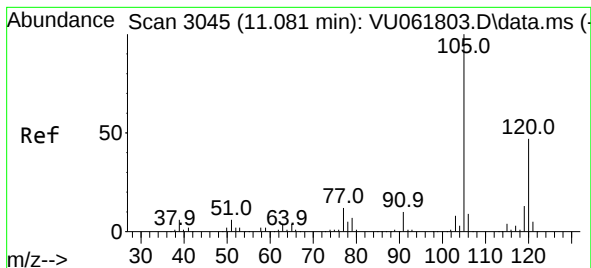
Tgt Ion:105 Resp: 308320
Ion Ratio Lower Upper
105 100
120 26.7 21.6 32.4
77 15.5 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.178 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion: 75 Resp: 41198
Ion Ratio Lower Upper
75 100
110 37.3 31.3 46.9
77 32.6 26.0 39.0

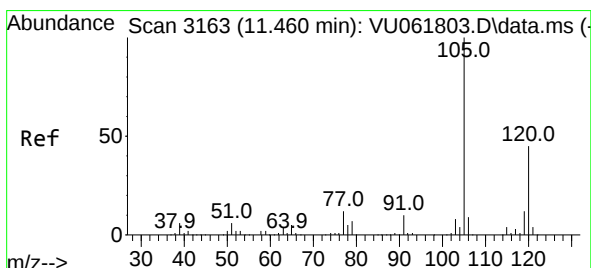
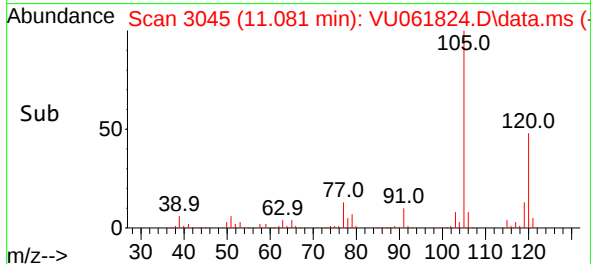
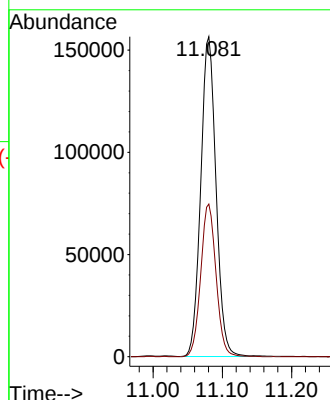
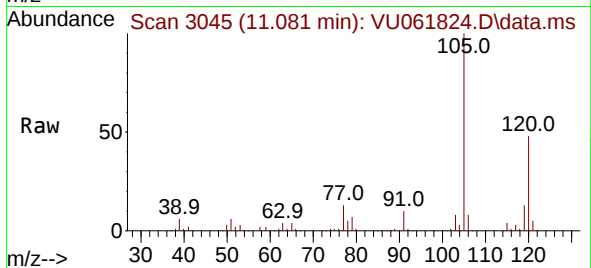




#62
1,3,5-Trimethylbenzene
Concen: 5.124 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

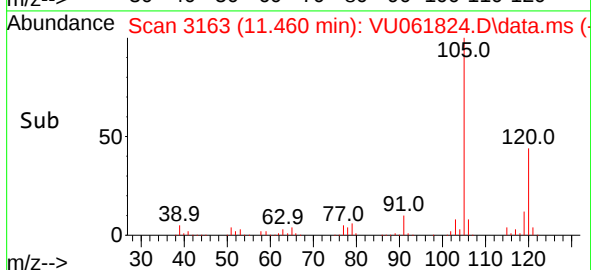
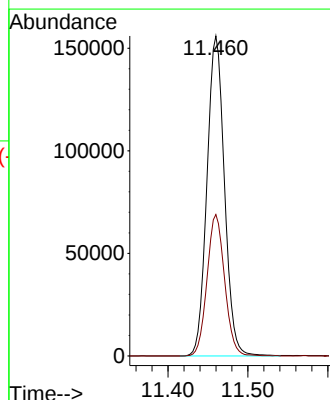
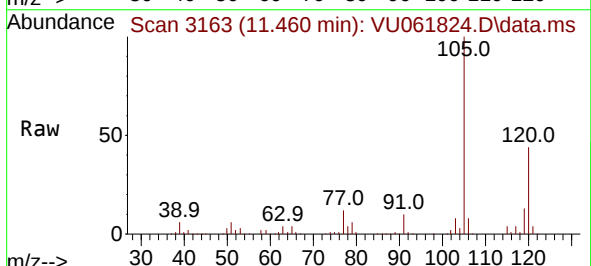
Instrument :
MSVOA_U
ClientSampleId :

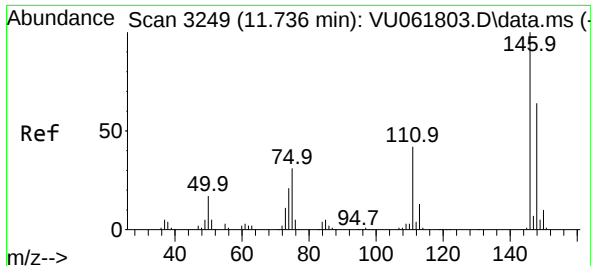
Tgt Ion:105 Resp: 240307
Ion Ratio Lower Upper
105 100
120 47.8 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.212 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

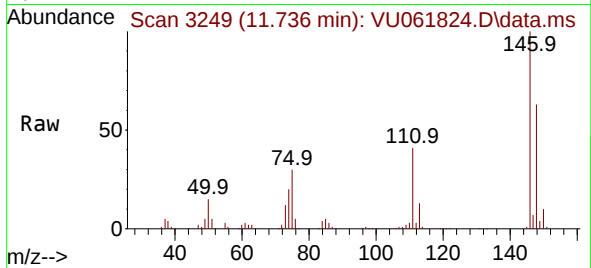
Tgt Ion:105 Resp: 237921
Ion Ratio Lower Upper
105 100
120 44.5 36.3 54.5



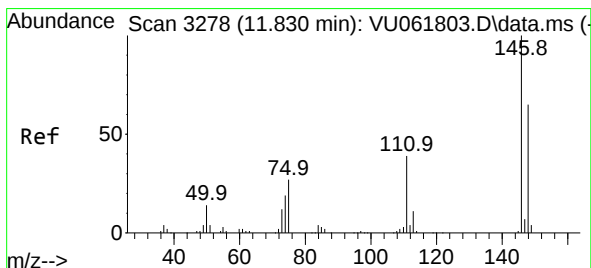
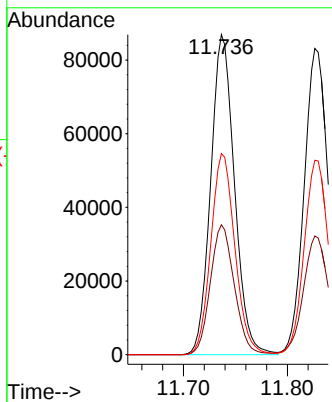
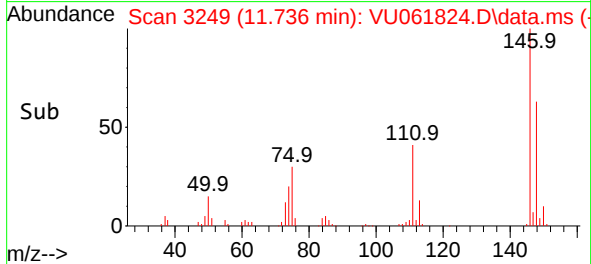


#64
1,3-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

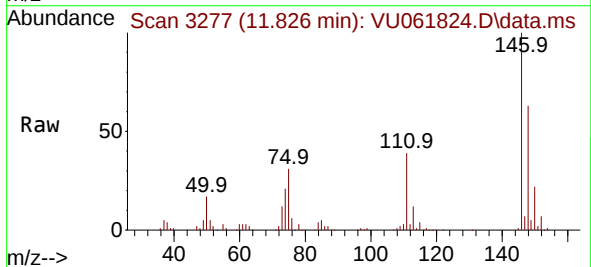
Instrument :
MSVOA_U
ClientSampleId :



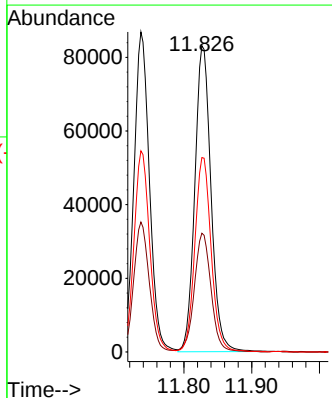
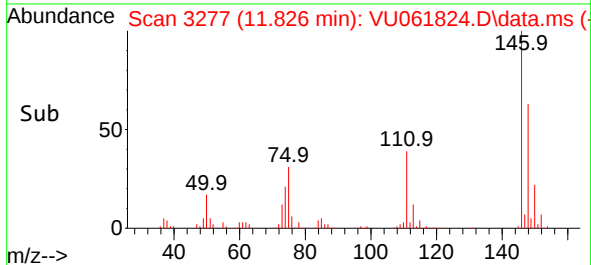
Tgt Ion:146 Resp: 138220
Ion Ratio Lower Upper
146 100
111 40.6 29.3 54.3
148 62.8 44.5 82.7

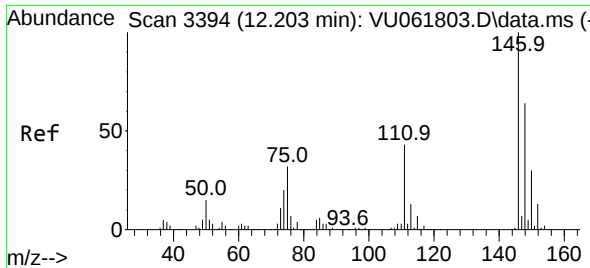


#65
1,4-Dichlorobenzene
Concen: 5.066 ug/L
RT: 11.826 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47



Tgt Ion:146 Resp: 138194
Ion Ratio Lower Upper
146 100
111 38.8 28.8 53.4
148 63.5 44.7 83.1

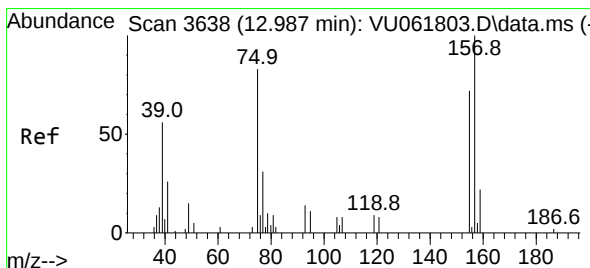
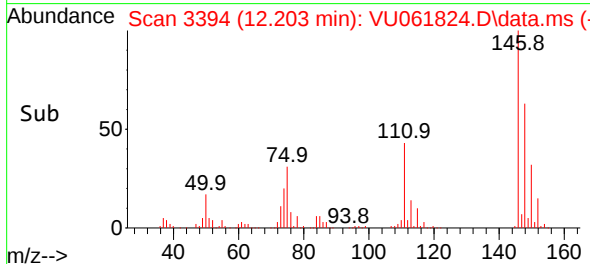
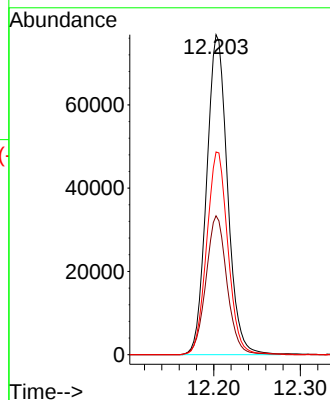
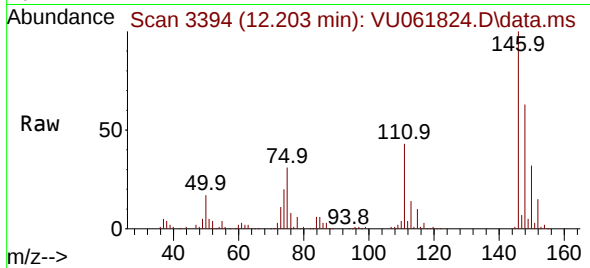




#67
1,2-Dichlorobenzene
Concen: 5.151 ug/L
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

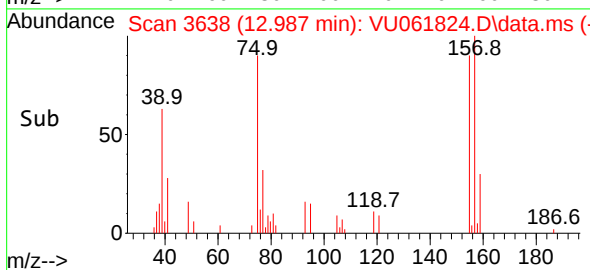
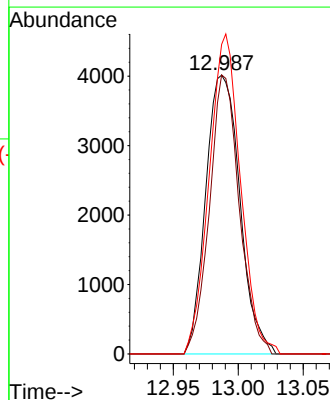
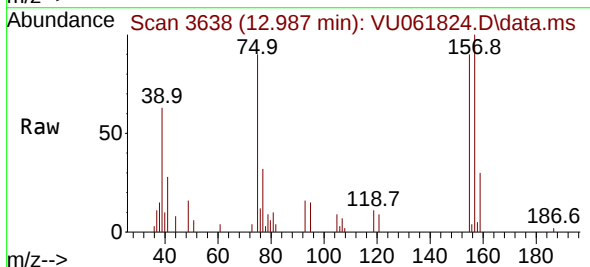
Instrument :
MSVOA_U
ClientSampleId :

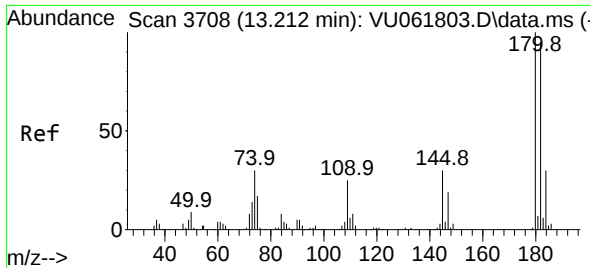
Tgt Ion:146 Resp: 128670
Ion Ratio Lower Upper
146 100
111 43.4 35.2 52.8
148 63.3 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.274 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

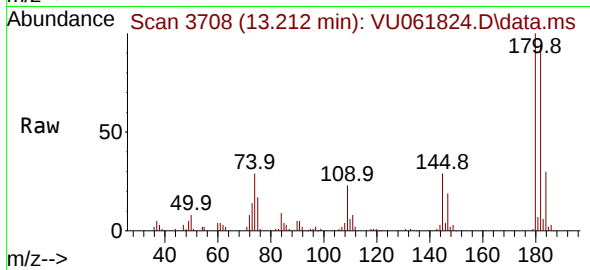
Tgt Ion: 75 Resp: 7327
Ion Ratio Lower Upper
75 100
155 100.1 62.6 93.8#
157 111.0 84.9 127.3





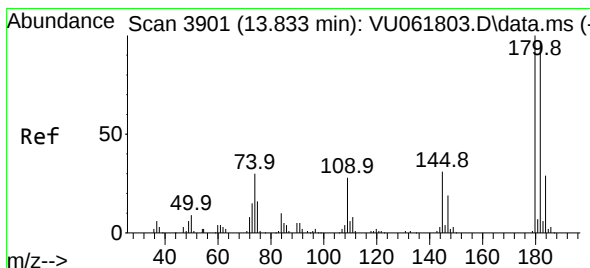
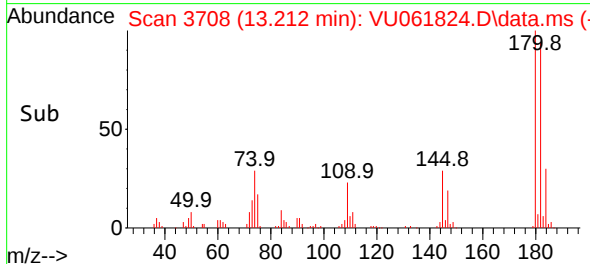
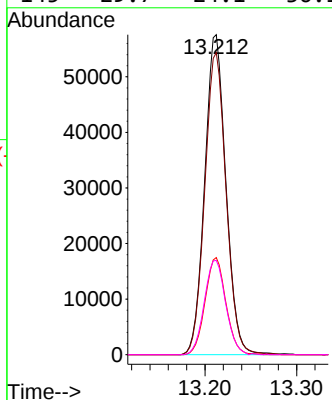
#69
 1,3,5-Trichlorobenzene
 Concen: 4.938 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 92619

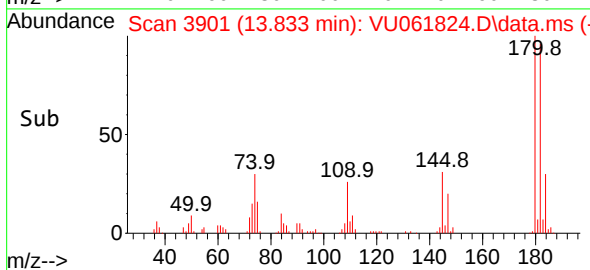
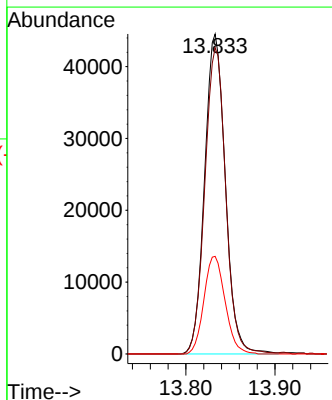
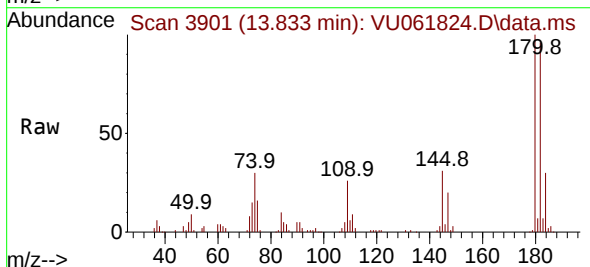
Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
184	29.8	24.7	37.1
145	29.7	24.1	36.1

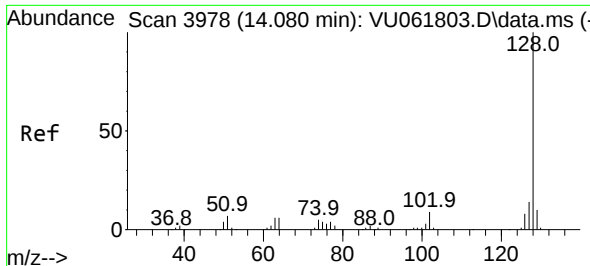


#70
 1,2,4-trichlorobenzene
 Concen: 4.960 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061824.D
 Acq: 18 Nov 2024 19:47

Tgt Ion:180 Resp: 72103

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.0
145	31.1	24.5	36.7

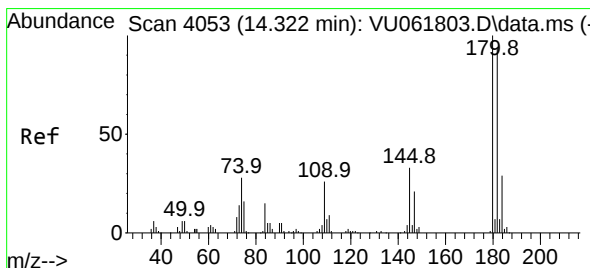
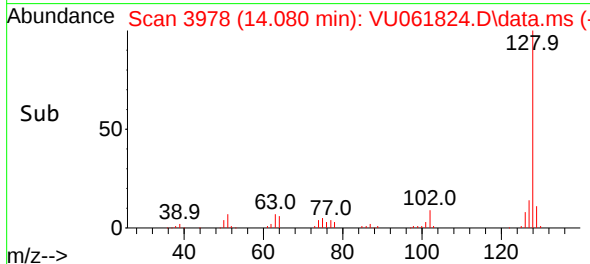
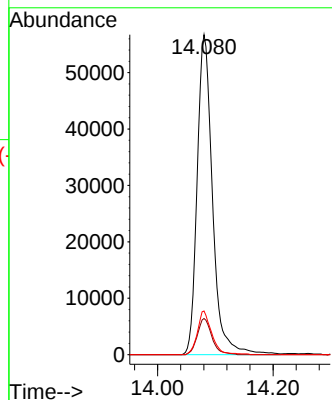
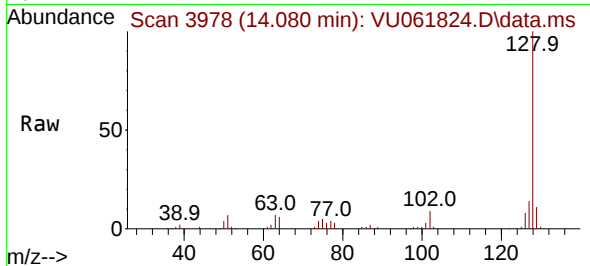




#71
Naphthalene
Concen: 5.019 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 104743
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.089 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061824.D
Acq: 18 Nov 2024 19:47

Tgt Ion:180 Resp: 62096
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 32.4 26.3 39.5

