

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061640.D
 Acq On : 13 Nov 2024 21:45
 Operator : MD/SY
 Sample : P4747-18MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 01:35:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:27:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	178554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39837	3.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.911	69	46634	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	19128	3.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.621	46	118549	48.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	5.052	84	105212	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.692	65	51362	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.718	84	208357	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.679	67	63113	4.592	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.888	98	189209	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	19770	3.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.624	63	103554	51.765	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51942	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	65675	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41569	3.132	ug/L	100
3) Chloromethane	1.518	50	47379	3.935	ug/L	99
5) Vinyl chloride	1.602	62	51921	3.908	ug/L	# 71
6) Bromomethane	1.856	94	30621	3.863	ug/L	99
8) Chloroethane	1.930	64	46874	5.086	ug/L	92
9) Trichlorofluoromethane	2.132	101	79233	4.057	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44709	3.872	ug/L	99
12) 1,1-Dichloroethene	2.573	96	46252	4.291	ug/L	96
13) Acetone	2.637	43	154509	100.154	ug/L	98
14) Carbon disulfide	2.788	76	121340	3.505	ug/L	100
15) Methyl Acetate	2.956	43	8368	2.171	ug/L	98
16) Methylene chloride	3.039	84	57311	4.614	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	131020	4.959	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	50517	4.273	ug/L	97
19) 1,1-Dichloroethane	3.859	63	106049	4.920	ug/L	97
21) 2-Butanone	4.702	43	134847	53.520	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	72488	5.437	ug/L	98
23) Bromochloromethane	4.965	128	28149	4.753	ug/L	97
25) Chloroform	5.078	83	110168	4.849	ug/L	98

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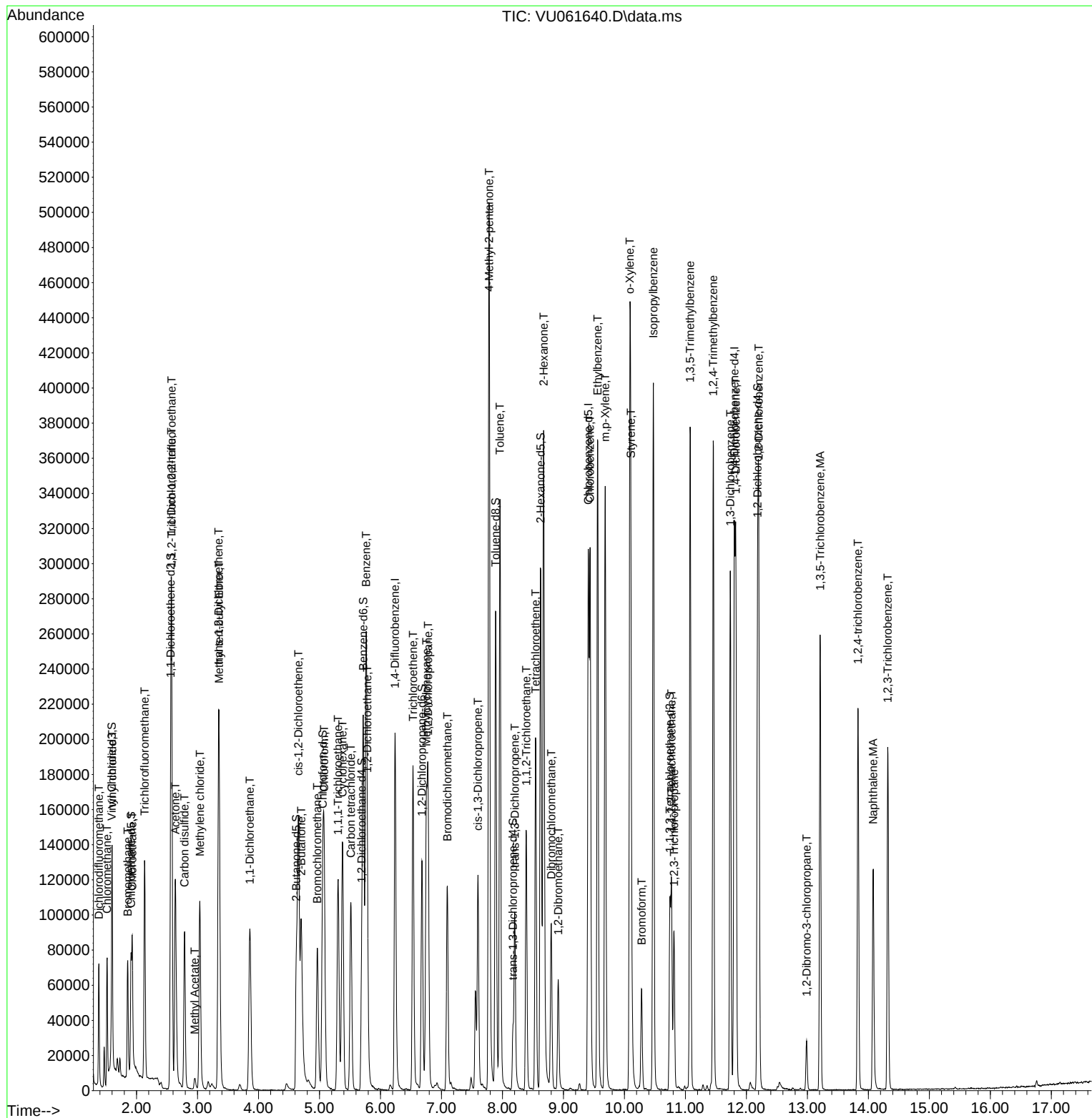
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66312	4.651	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	89165	4.652	ug/L	99
30) Cyclohexane	5.377	56	70499	3.682	ug/L	98
31) Carbon tetrachloride	5.515	117	75121	4.601	ug/L	99
33) Benzene	5.766	78	241743	4.742	ug/L	100
34) Trichloroethene	6.534	95	64244	4.667	ug/L	97
35) Methylcyclohexane	6.753	83	66923	3.224	ug/L	98
37) 1,2-Dichloropropane	6.782	63	62744	4.851	ug/L	100
38) Bromodichloromethane	7.097	83	74768	4.818	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	76360	4.149	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	315140	50.820	ug/L	99
42) Toluene	7.959	91	257790	4.697	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	60394	4.137	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	46202	4.900	ug/L	98
47) Tetrachloroethene	8.544	164	43373	4.193	ug/L	97
48) 2-Hexanone	8.676	43	229785	51.825	ug/L	99
49) Dibromochloromethane	8.801	129	48947	4.951	ug/L	97
50) 1,2-Dibromoethane	8.914	107	44243	4.975	ug/L	99
51) Chlorobenzene	9.438	112	168105	4.758	ug/L	100
52) Ethylbenzene	9.560	91	272253	4.656	ug/L	99
53) m,p-Xylene	9.685	106	103284	4.617	ug/L	98
54) o-Xylene	10.090	106	102779	4.727	ug/L	98
55) Styrene	10.106	104	108952	3.147	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	57602	5.021	ug/L	96
59) Bromoform	10.283	173	25710	4.793	ug/L	98
60) Isopropylbenzene	10.476	105	269729	4.799	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	38461	5.037	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	208273	4.628	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	207777	4.743	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	121555	4.716	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	120787	4.615	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	115663	4.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6941	5.206	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	80994	4.500	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	68105	4.883	ug/L	99
71) Naphthalene	14.081	128	111522	5.569	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	60579	5.174	ug/L	99

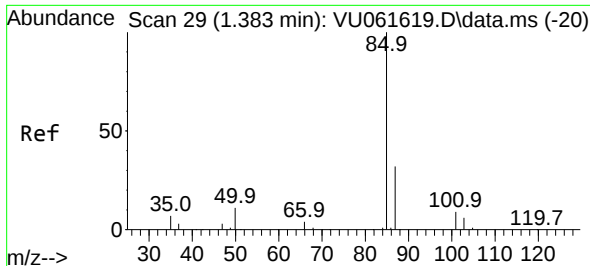
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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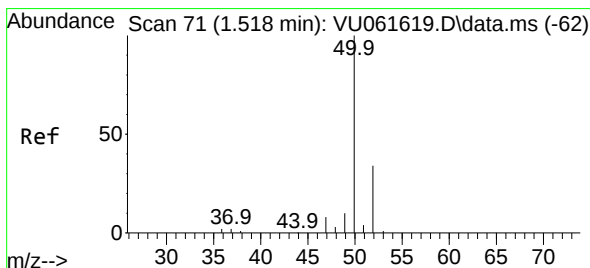
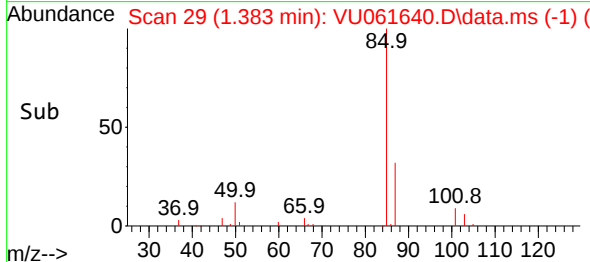
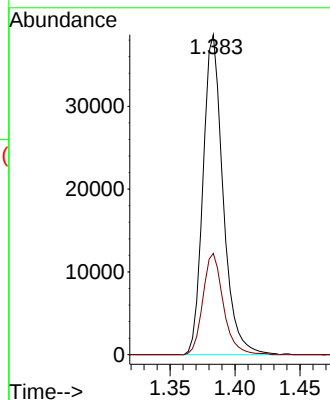
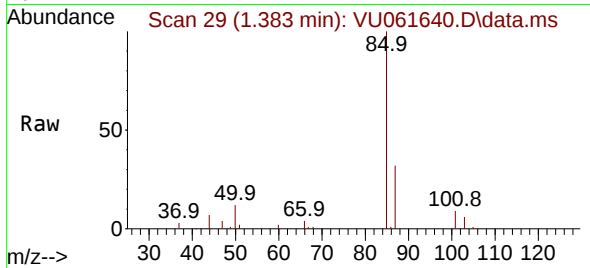




#2
 Dichlorodifluoromethane
 Concen: 3.132 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

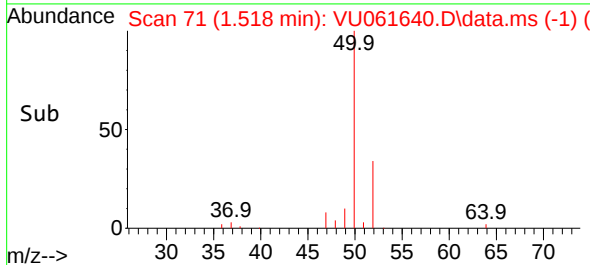
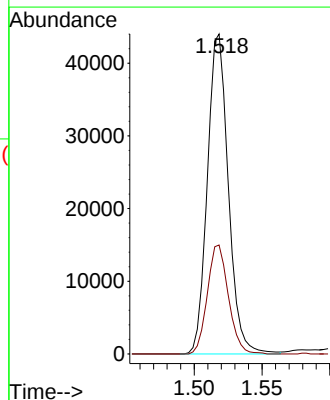
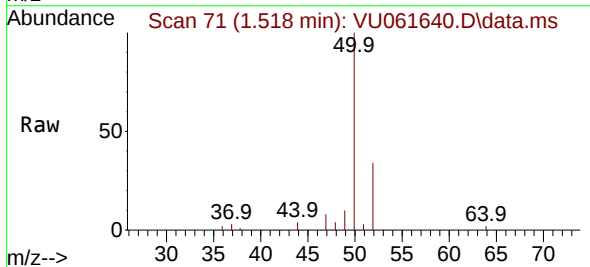
Instrument :
 MSVOA_U
 ClientSampleId :

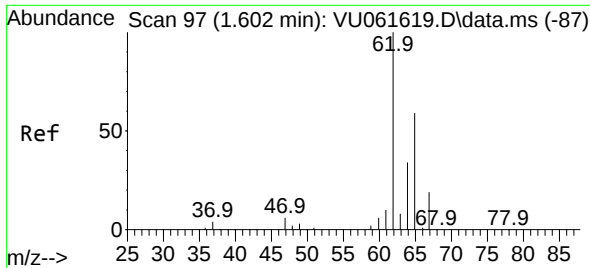
Tgt Ion: 85 Resp: 41569
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 3.935 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

Tgt Ion: 50 Resp: 47379
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.2

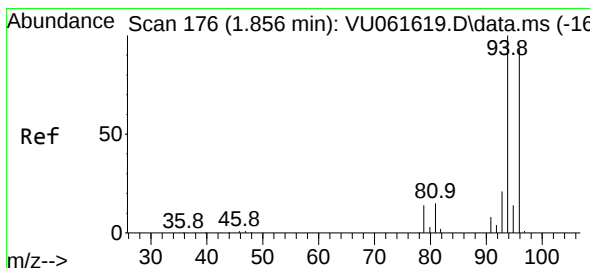
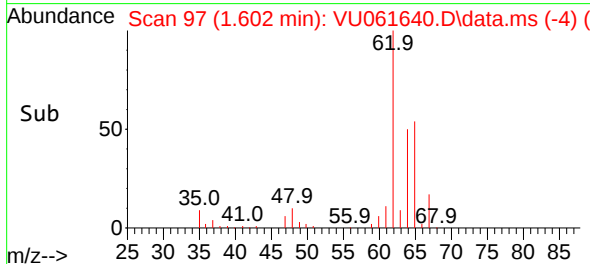
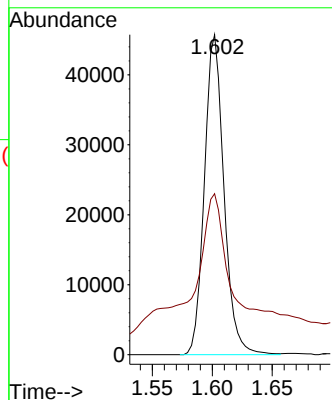
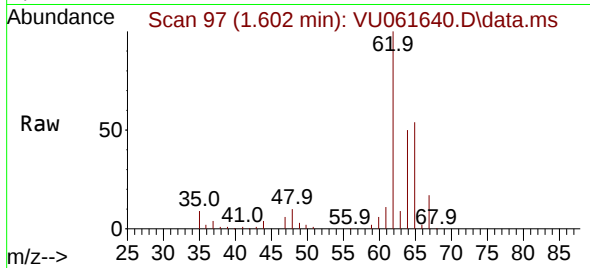




#5
 Vinyl chloride
 Concen: 3.908 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

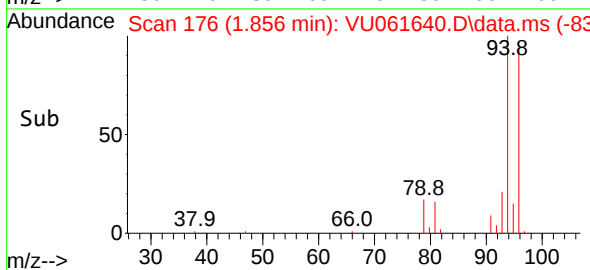
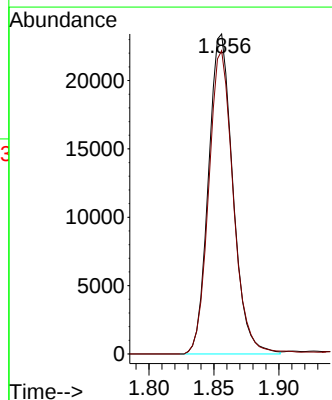
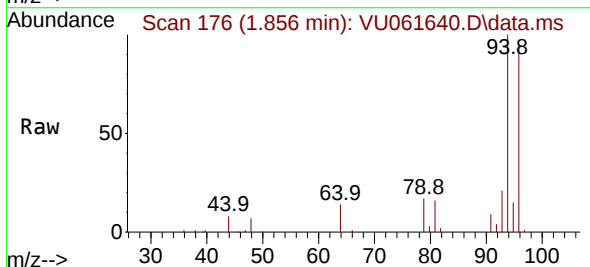
Instrument :
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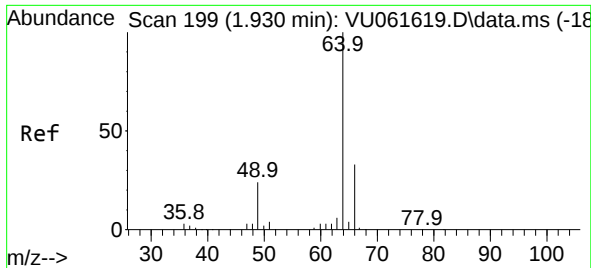
Tgt Ion: 62 Resp: 51921
 Ion Ratio Lower Upper
 62 100
 64 50.3 23.7 44.1#



#6
 Bromomethane
 Concen: 3.863 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

Tgt Ion: 94 Resp: 30621
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.7 121.9

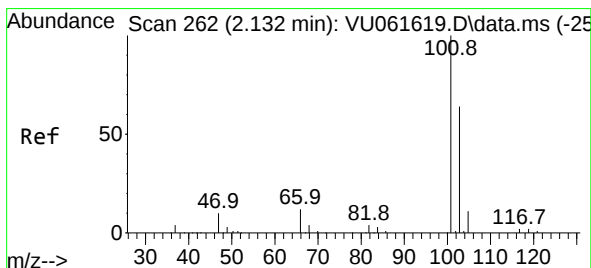
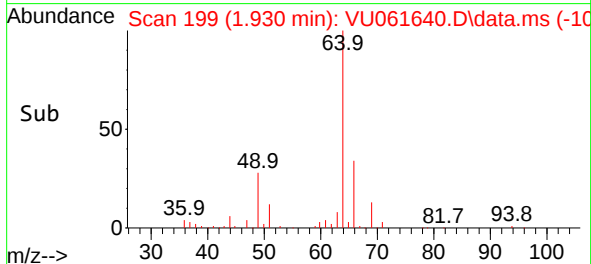
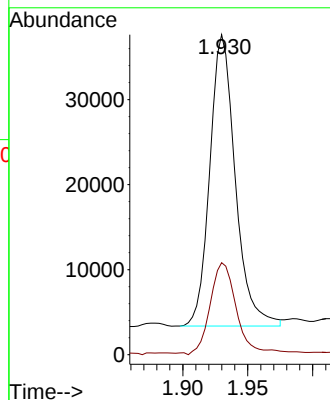
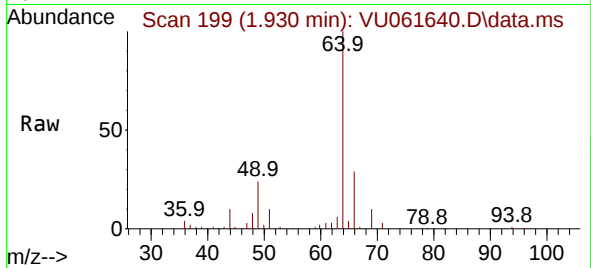




#8
Chloroethane
Concen: 5.086 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

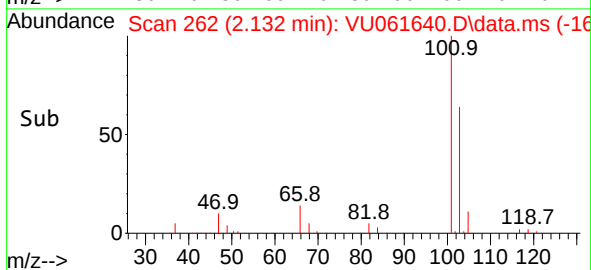
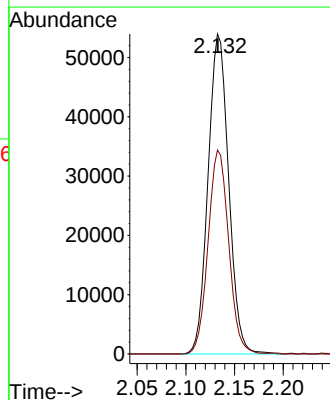
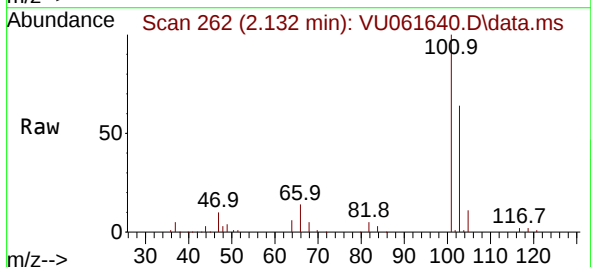
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ClientSampleId :

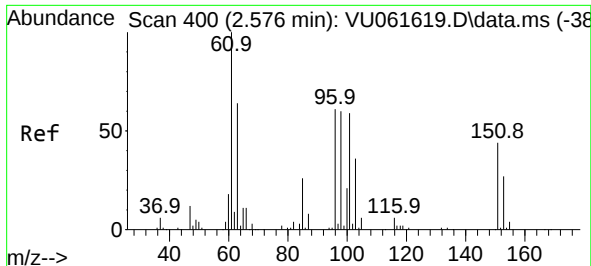
Tgt Ion: 64 Resp: 46874
Ion Ratio Lower Upper
64 100
66 28.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.057 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion:101 Resp: 79233
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

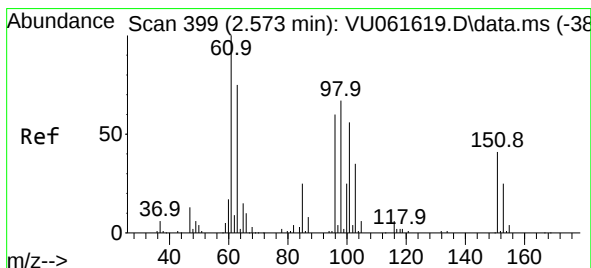
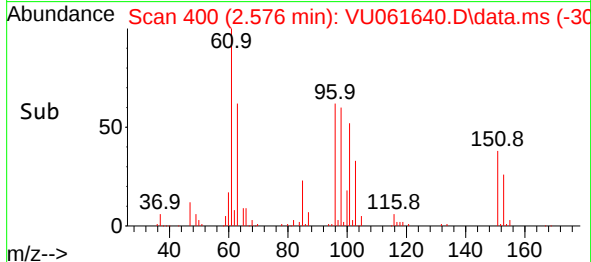
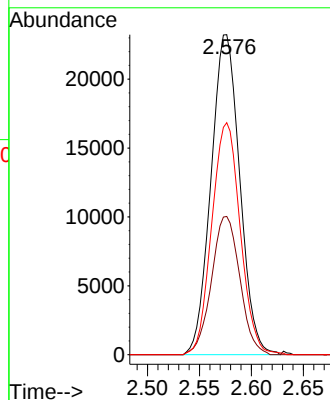
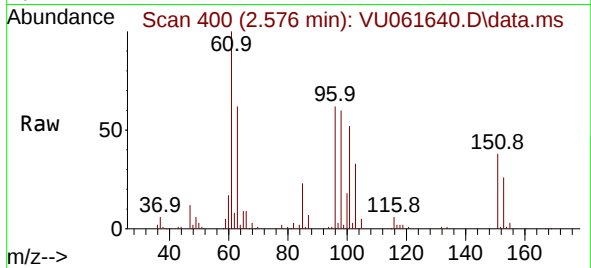




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.872 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

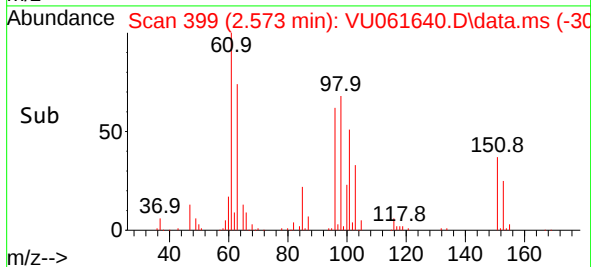
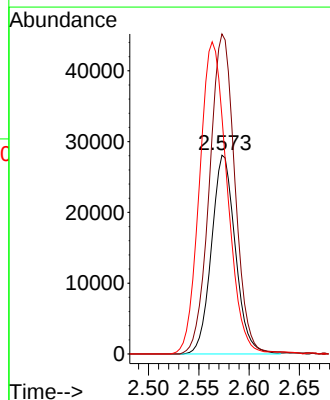
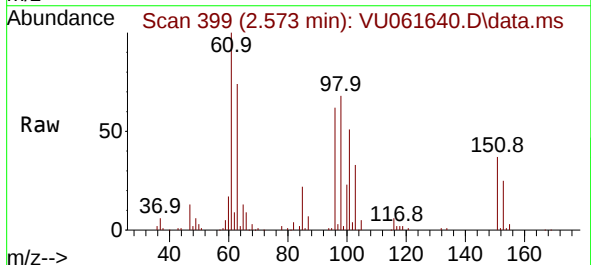
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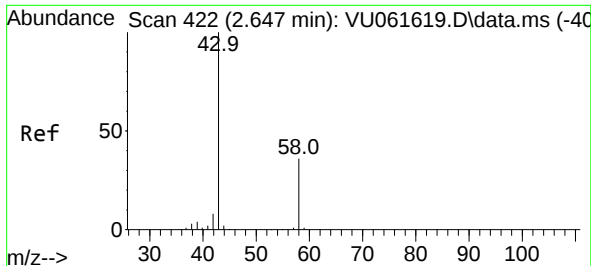
Tgt Ion:101 Resp: 44709
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.1 52.7
 151 71.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.291 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

Tgt Ion: 96 Resp: 46252
 Ion Ratio Lower Upper
 96 100
 61 161.0 116.8 217.0
 63 119.3 86.1 159.9





#13

Acetone

Concen: 100.154 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.010 min

Lab File: VU061640.D

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Instrument :

MSVOA_U

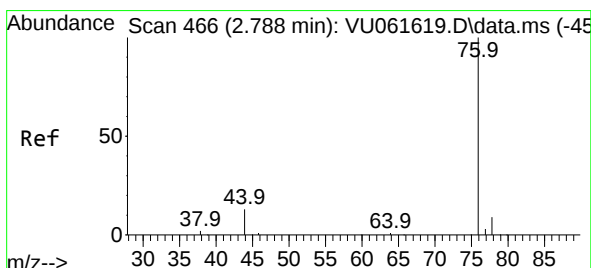
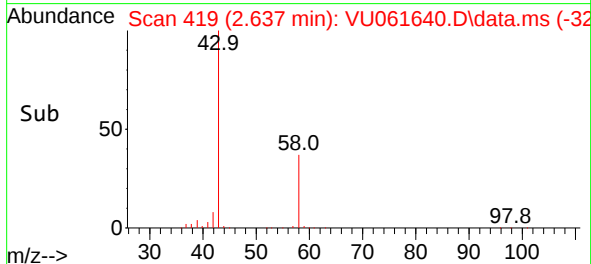
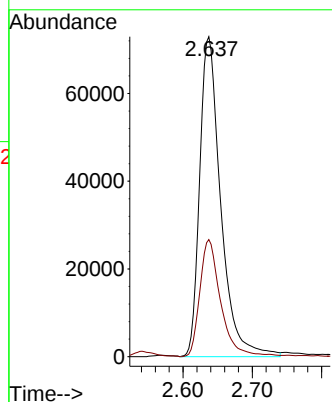
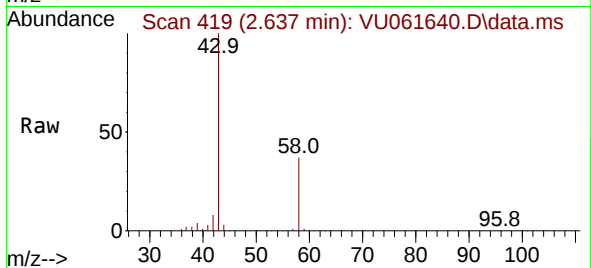
ClientSampleId :

Tgt Ion: 43 Resp: 154509

Ion Ratio Lower Upper

43 100

58 35.8 0.0 69.8



#14

Carbon disulfide

Concen: 3.505 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061640.D

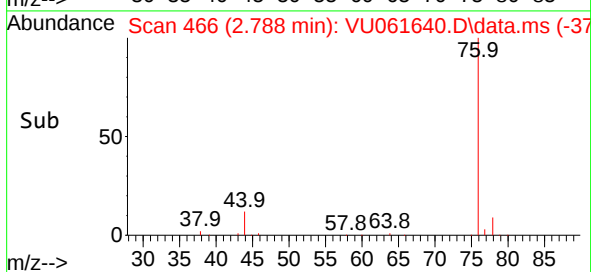
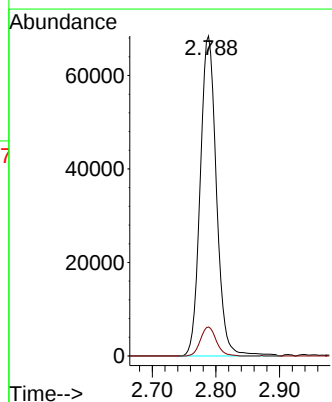
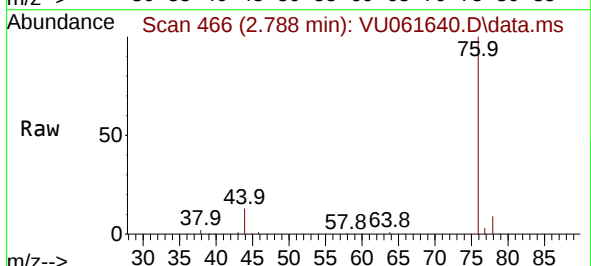
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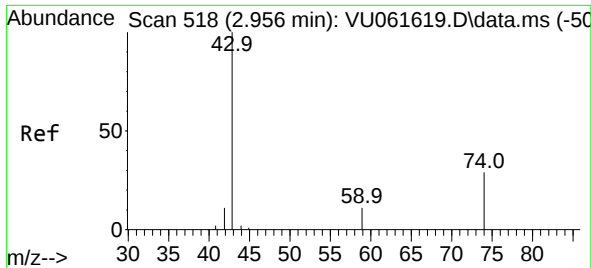
Tgt Ion: 76 Resp: 121340

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

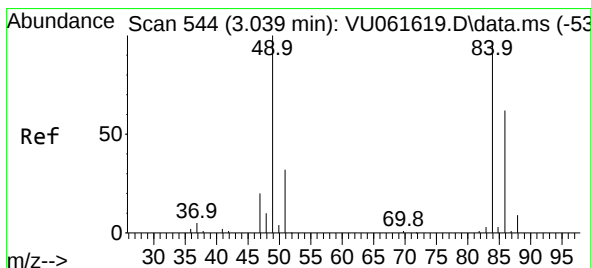
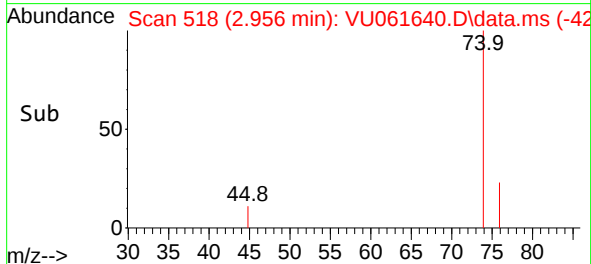
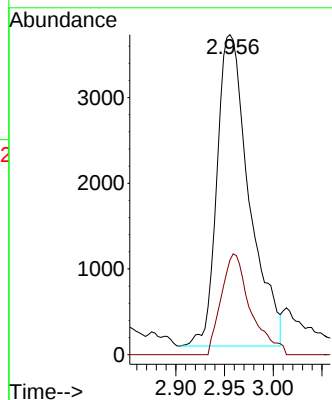
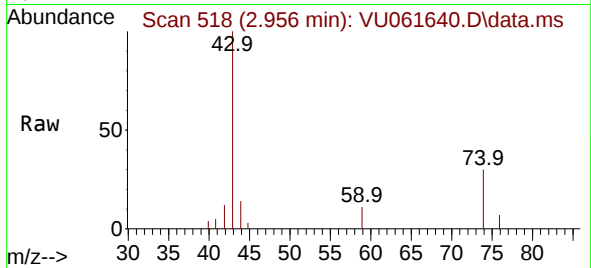




#15
Methyl Acetate
Concen: 2.171 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

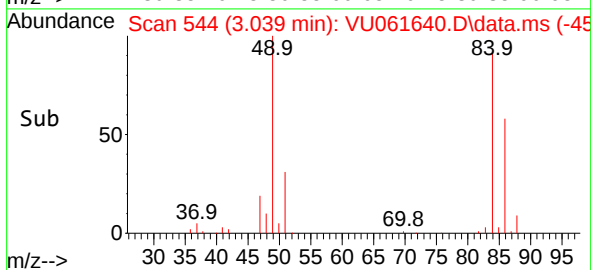
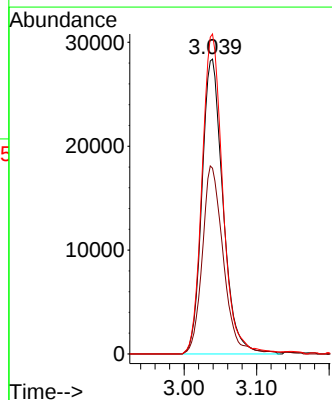
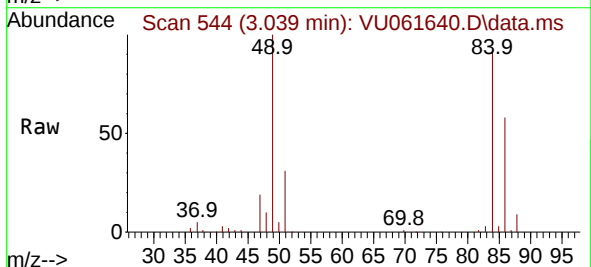
Instrument :
MSVOA_U
ClientSampleId :

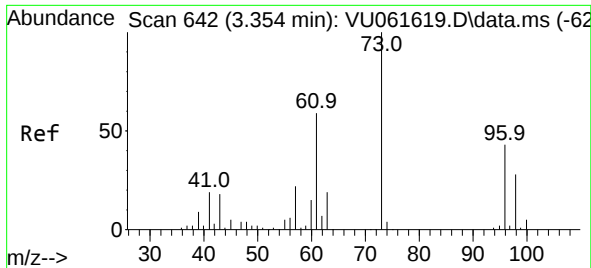
Tgt Ion: 43 Resp: 8368
Ion Ratio Lower Upper
43 100
74 29.4 22.5 33.7



#16
Methylene chloride
Concen: 4.614 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 84 Resp: 57311
Ion Ratio Lower Upper
84 100
86 63.0 45.1 83.7
49 108.5 76.3 141.7

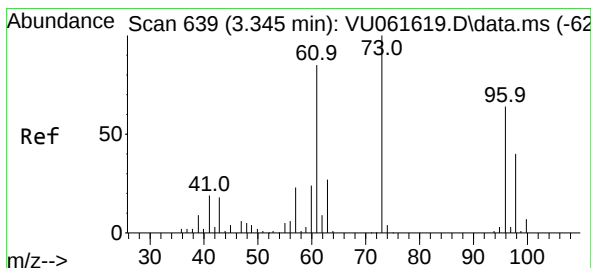
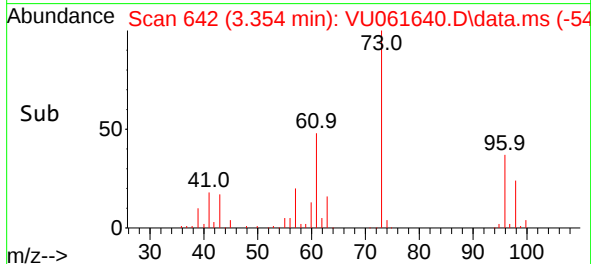
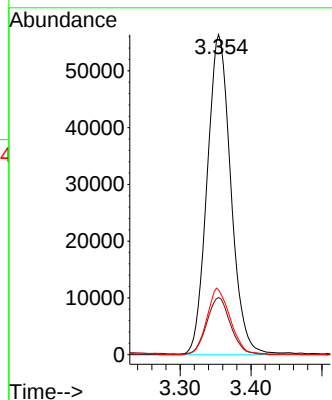
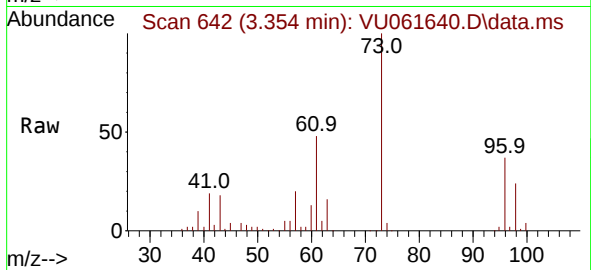




#17
Methyl tert-butyl Ether
Concen: 4.959 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

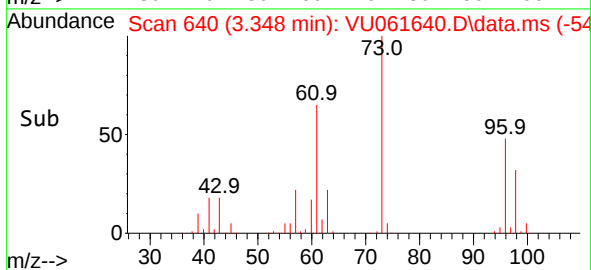
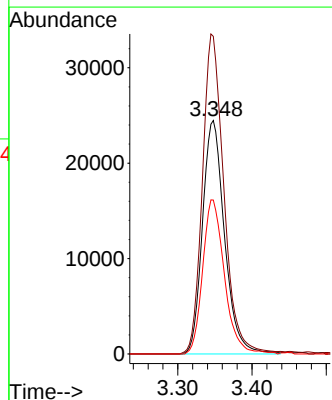
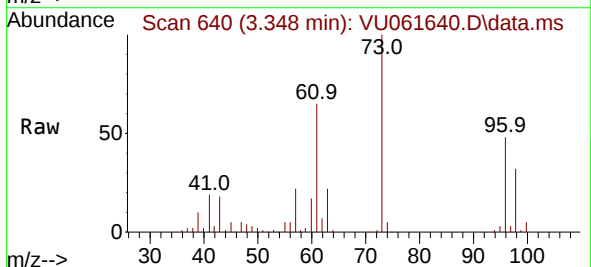
Instrument :
MSVOA_U
ClientSampleId :

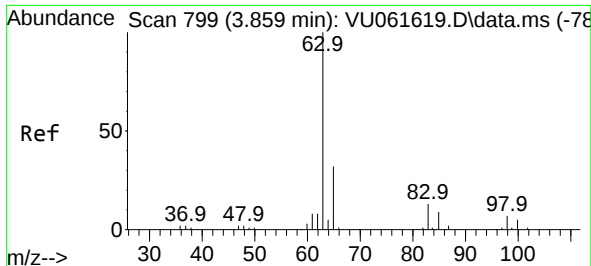
Tgt Ion: 73 Resp: 131020
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 20.6 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.273 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

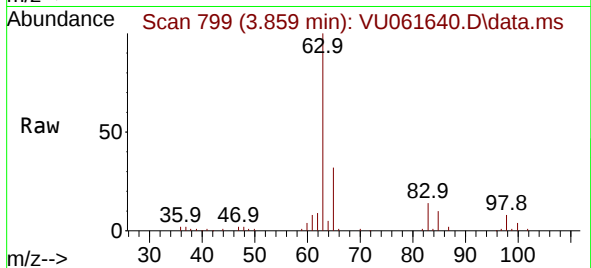
Tgt Ion: 96 Resp: 50517
Ion Ratio Lower Upper
96 100
61 136.1 94.1 174.8
98 65.9 43.2 80.2



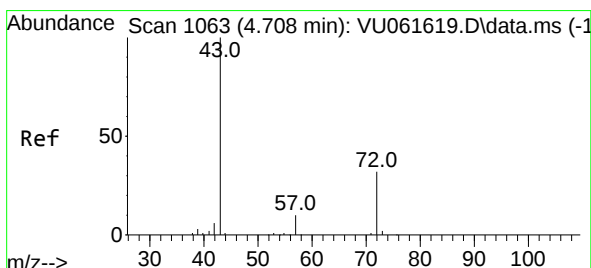
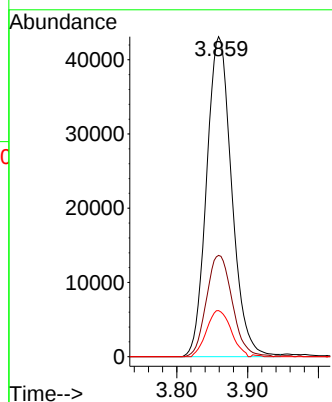
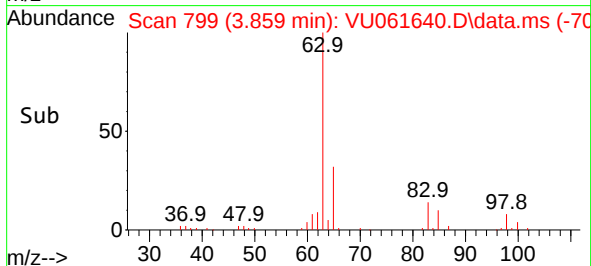


#19
1,1-Dichloroethane
Concen: 4.920 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Instrument :
MSVOA_U
ClientSampleId :

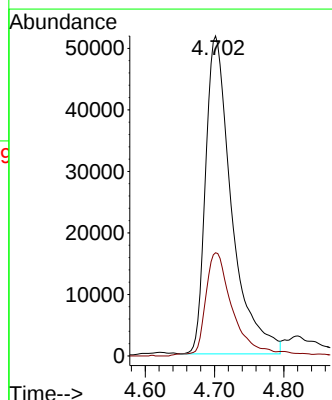
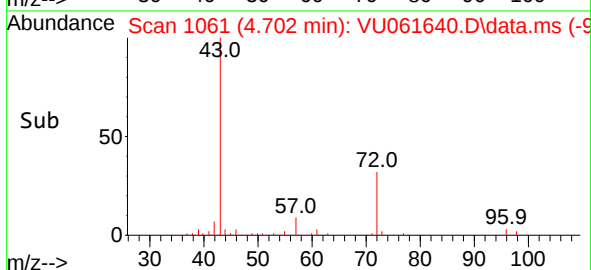
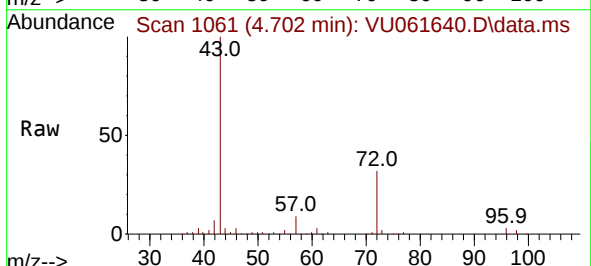


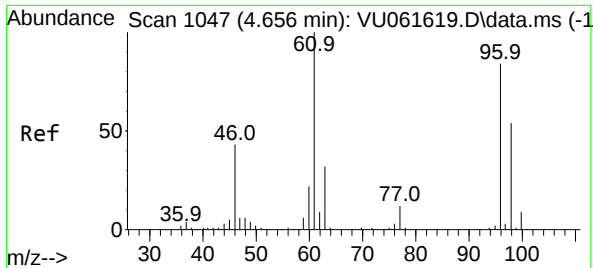
Tgt Ion: 63 Resp: 106049
Ion Ratio Lower Upper
63 100
65 31.6 23.4 43.4
83 14.4 9.6 17.8



#21
2-Butanone
Concen: 53.520 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 43 Resp: 134847
Ion Ratio Lower Upper
43 100
72 33.3 15.8 47.3

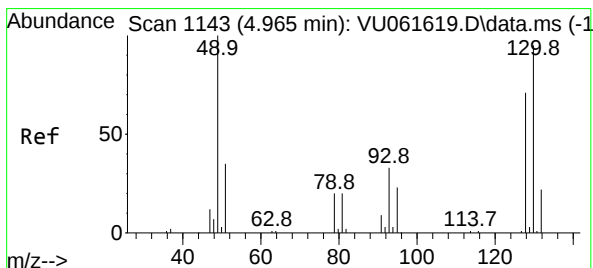
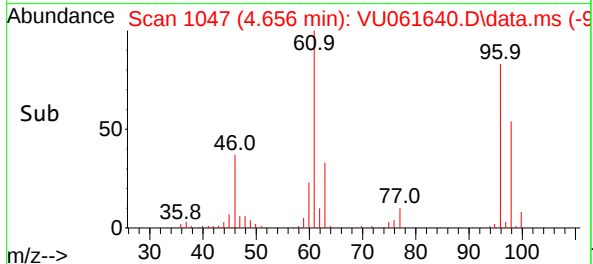
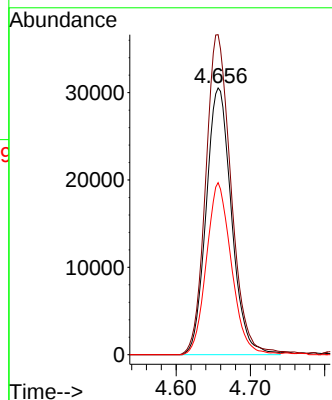
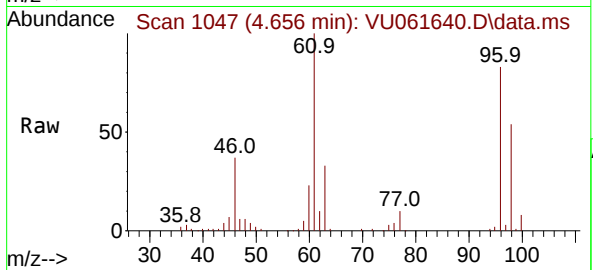




#22
 cis-1,2-Dichloroethene
 Concen: 5.437 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

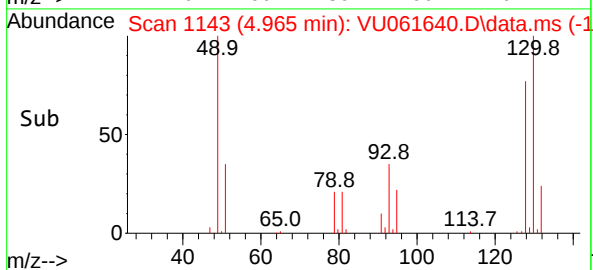
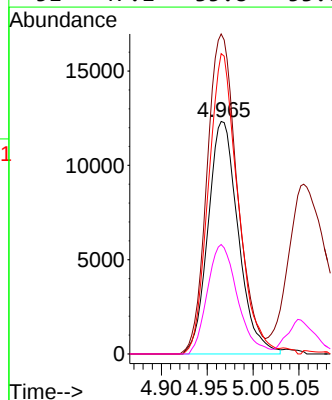
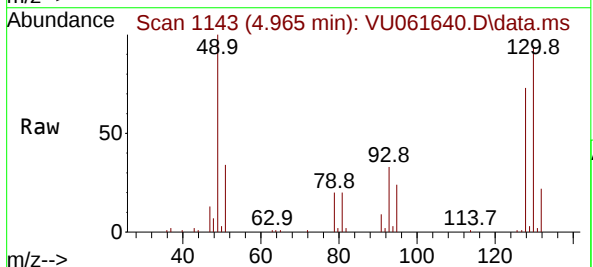
Instrument :
 MSVOA_U
 ClientSampleId :

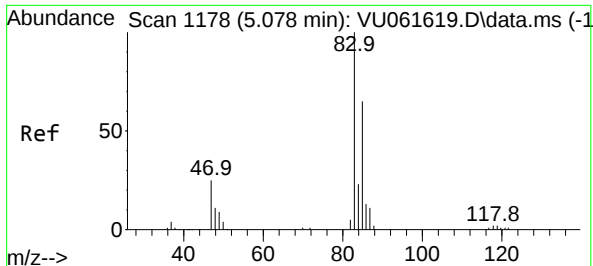
Tgt Ion: 96 Resp: 72488
 Ion Ratio Lower Upper
 96 100
 61 120.0 85.6 159.0
 98 64.5 45.6 84.8



#23
 Bromochloromethane
 Concen: 4.753 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061640.D
 Acq: 13 Nov 2024 21:45

Tgt Ion: 128 Resp: 28149
 Ion Ratio Lower Upper
 128 100
 49 137.7 99.1 184.1
 130 129.2 88.6 164.6
 51 47.1 35.8 53.6





#25

Chloroform

Concen: 4.849 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

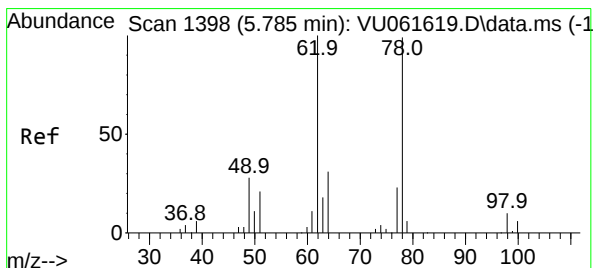
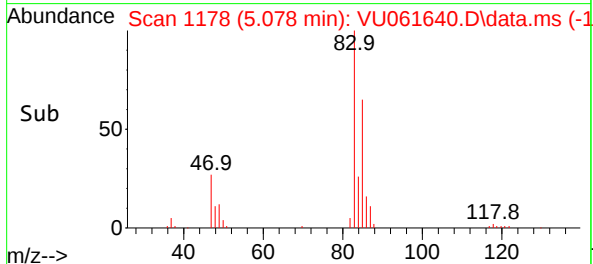
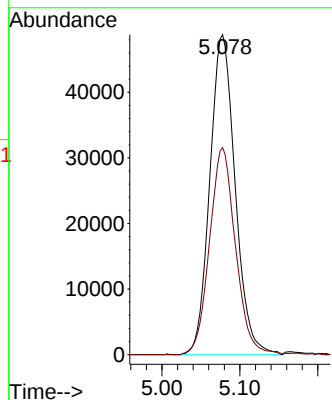
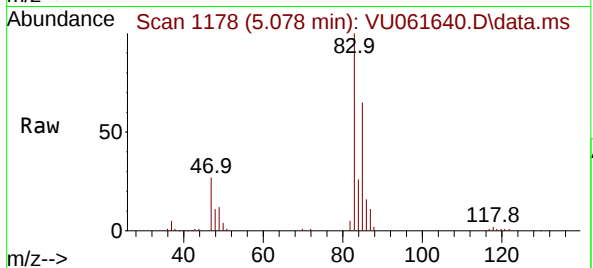
ClientSampleId :

Tgt Ion: 83 Resp: 110168

Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.651 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061640.D

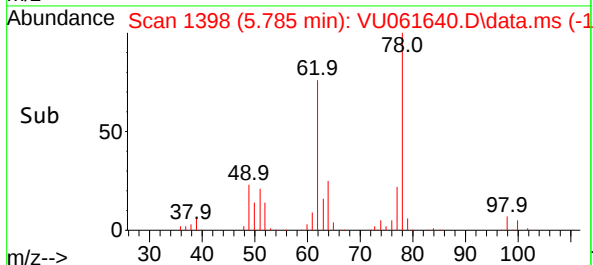
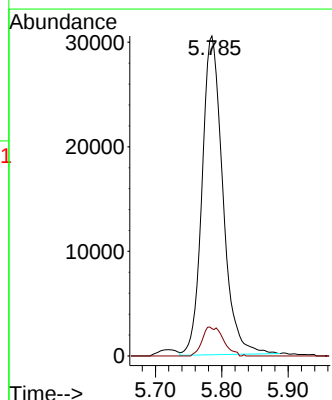
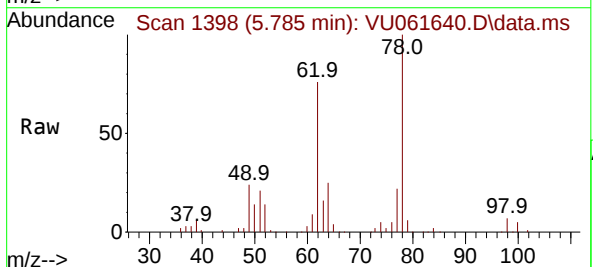
Acq: 13 Nov 2024 21:45

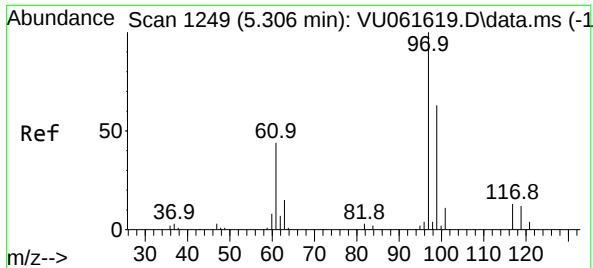
Tgt Ion: 62 Resp: 66312

Ion Ratio Lower Upper

62 100

98 8.6 7.7 11.5

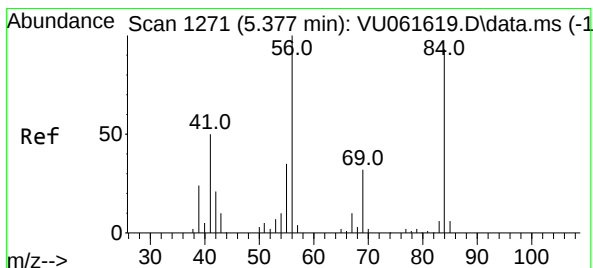
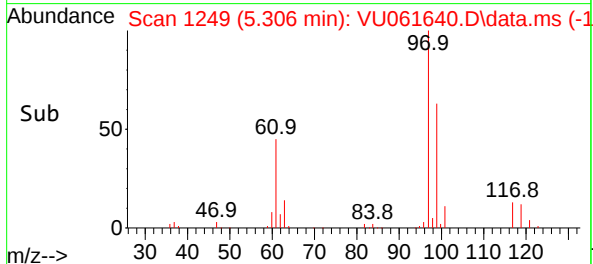
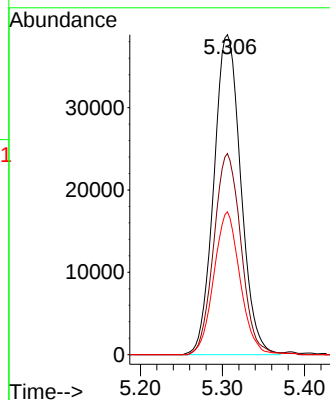
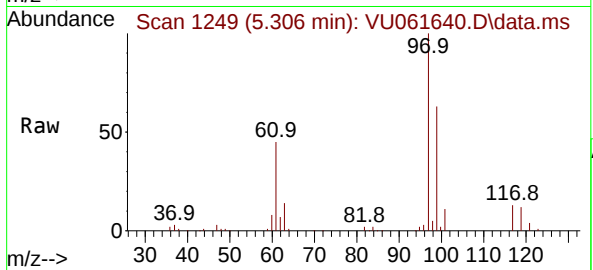




#29
1,1,1-Trichloroethane
Concen: 4.652 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

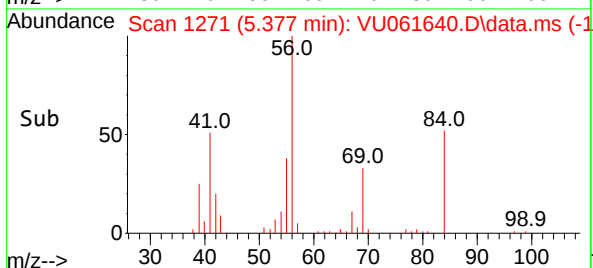
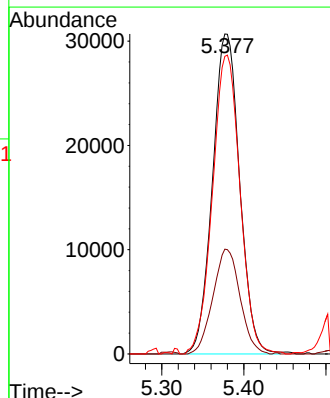
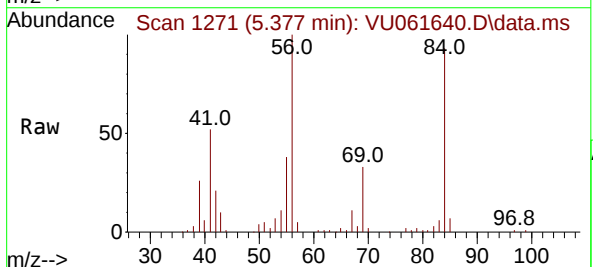
Instrument :
MSVOA_U
ClientSampleId :

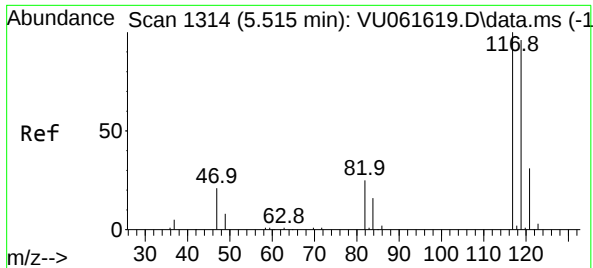
Tgt Ion: 97	Resp: 89165
Ion Ratio	Lower Upper
97	100
99	63.4 51.7 77.5
61	43.7 35.4 53.0



#30
Cyclohexane
Concen: 3.682 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 56	Resp: 70499
Ion Ratio	Lower Upper
56	100
69	32.7 25.6 38.4
84	94.9 74.3 111.5

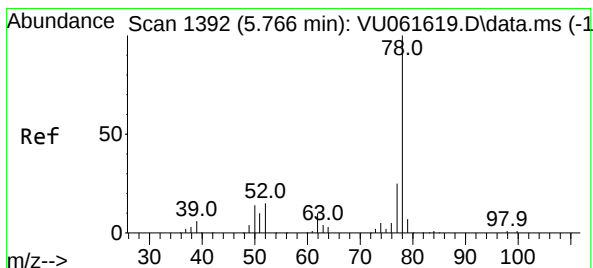
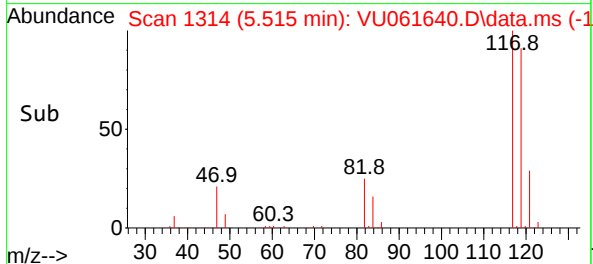
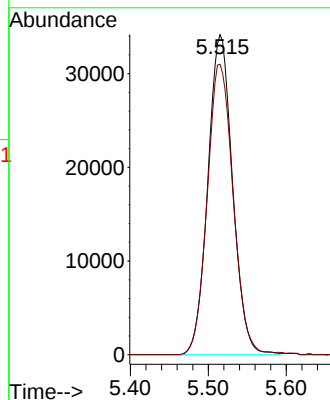
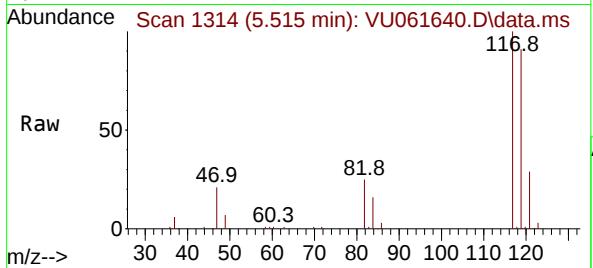




#31
Carbon tetrachloride
Concen: 4.601 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

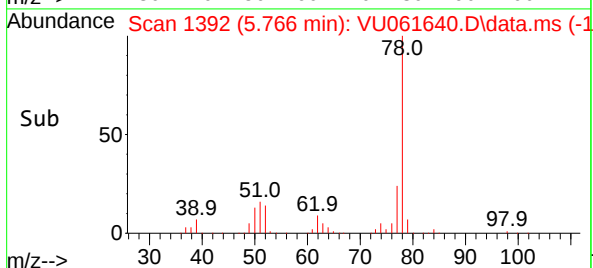
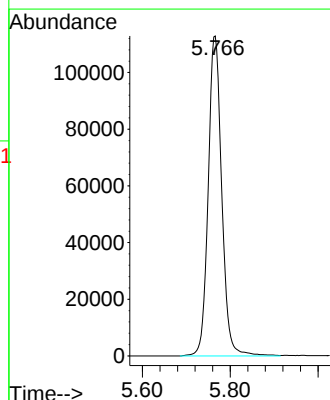
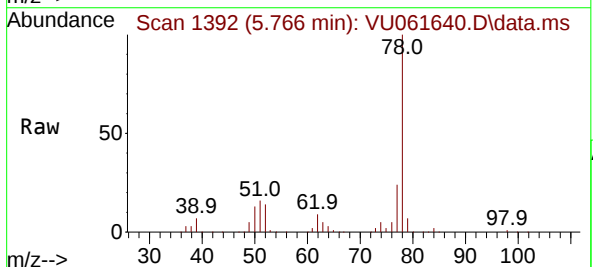
Instrument :
MSVOA_U
ClientSampleId :

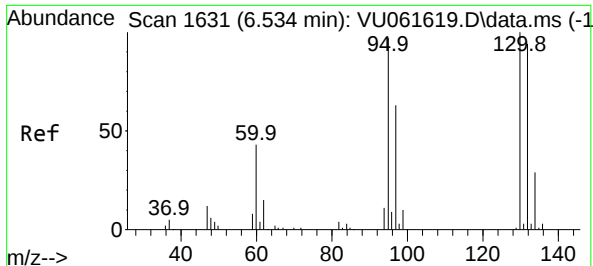
Tgt Ion:117 Resp: 75121
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8



#33
Benzene
Concen: 4.742 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 78 Resp: 241743

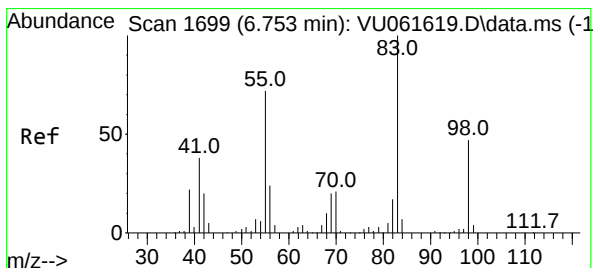
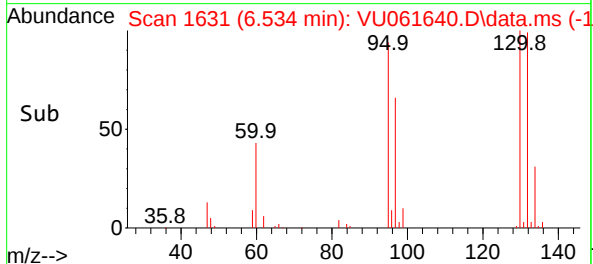
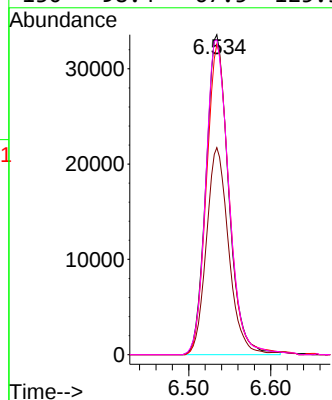
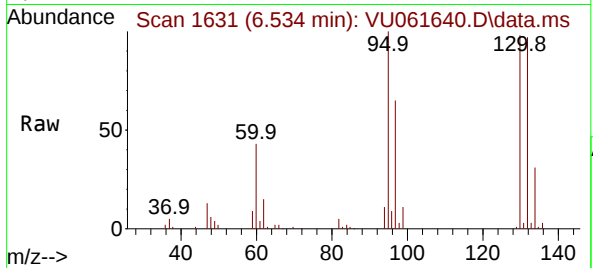




#34
Trichloroethene
Concen: 4.667 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

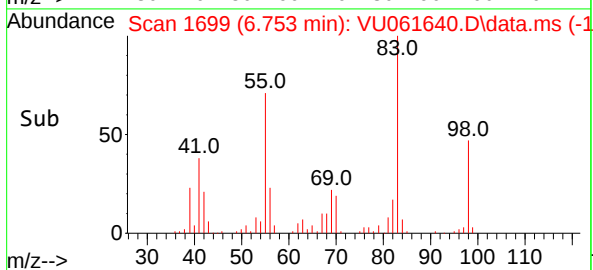
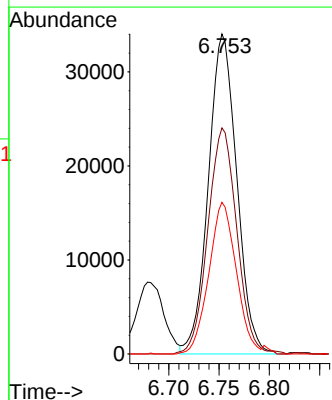
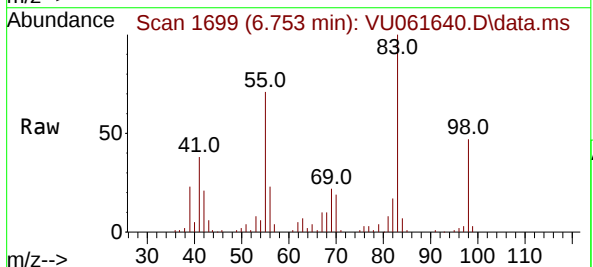
Instrument :
MSVOA_U
ClientSampleId :

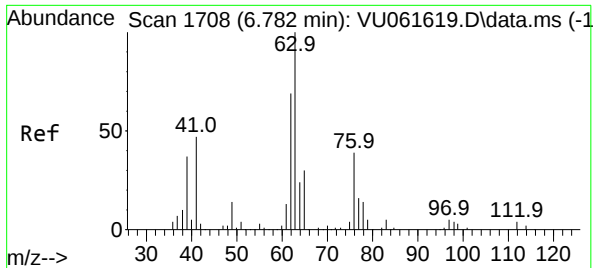
Tgt Ion: 95 Resp: 64244
Ion Ratio Lower Upper
95 100
97 64.7 43.5 80.9
132 96.9 65.2 121.0
130 98.4 67.5 125.3



#35
Methylcyclohexane
Concen: 3.224 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 83 Resp: 66923
Ion Ratio Lower Upper
83 100
55 72.0 56.4 84.6
98 45.7 37.7 56.5

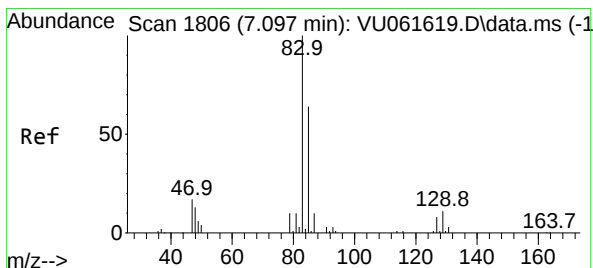
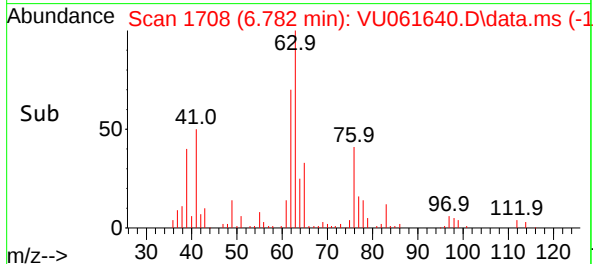
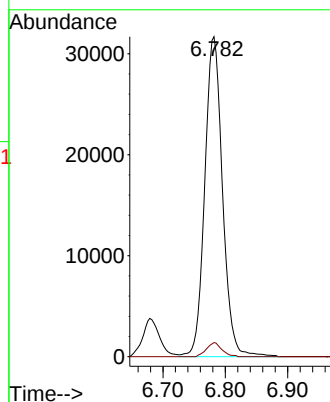
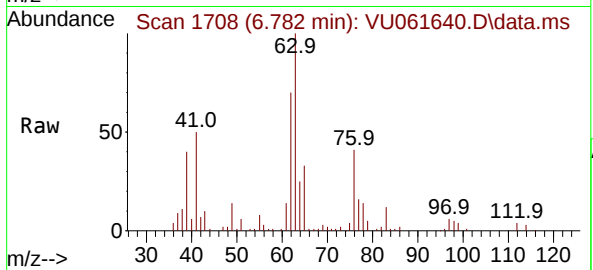




#37
1,2-Dichloropropane
Concen: 4.851 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

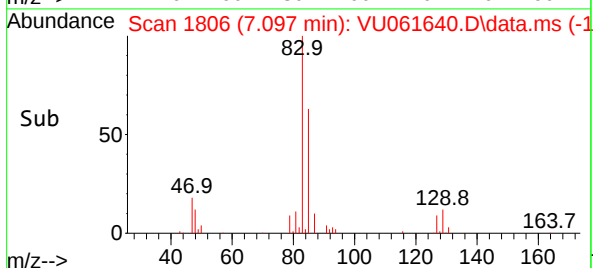
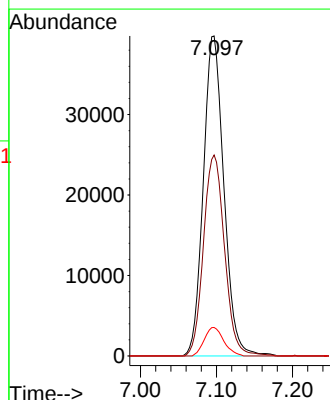
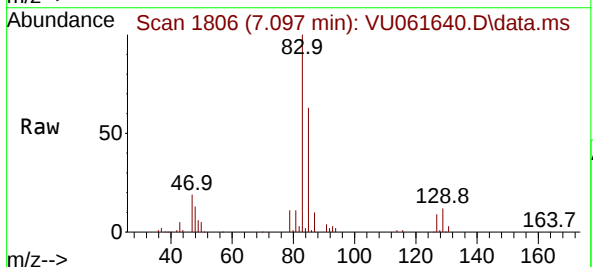
Instrument :
MSVOA_U
ClientSampleId :

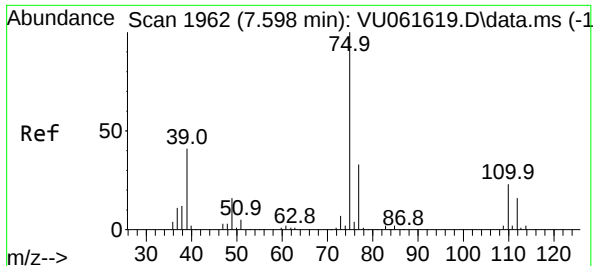
Tgt Ion: 63 Resp: 62744
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 4.818 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 83 Resp: 74768
Ion Ratio Lower Upper
83 100
85 62.8 45.0 83.6
127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.149 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

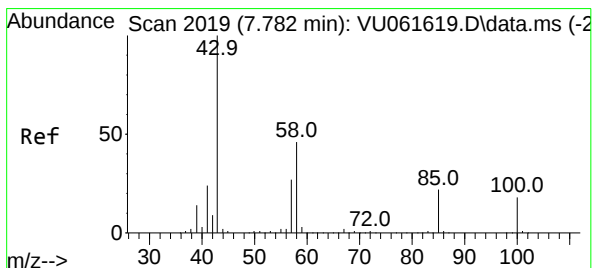
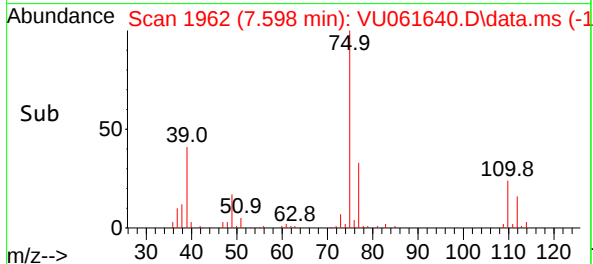
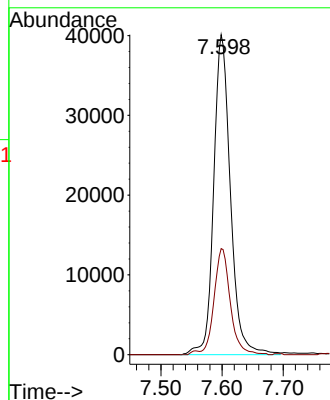
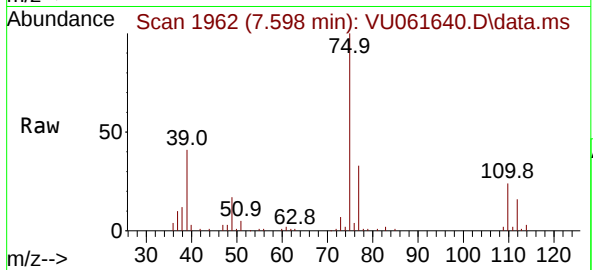
ClientSampleId :

Tgt Ion: 75 Resp: 76360

Ion Ratio Lower Upper

75 100

77 33.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 50.820 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

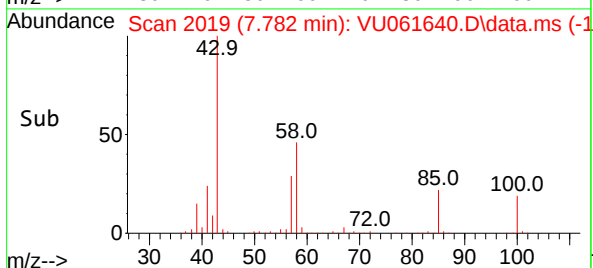
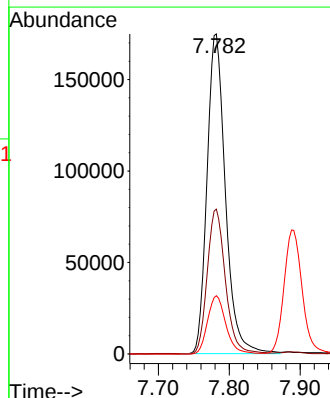
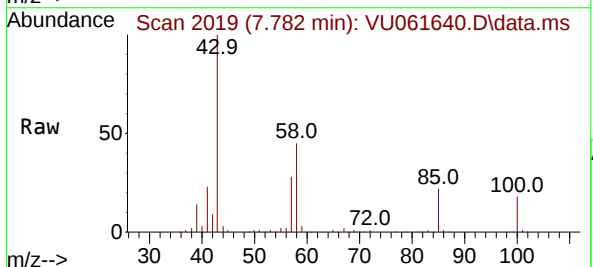
Tgt Ion: 43 Resp: 315140

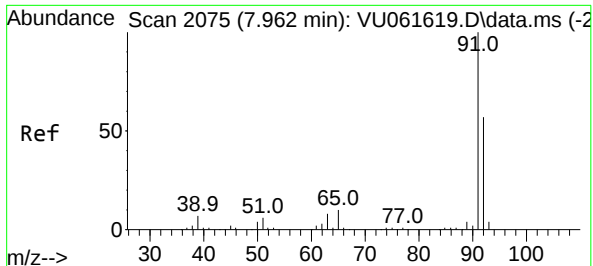
Ion Ratio Lower Upper

43 100

58 44.9 35.7 53.5

100 18.2 14.2 21.2





#42

Toluene

Concen: 4.697 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

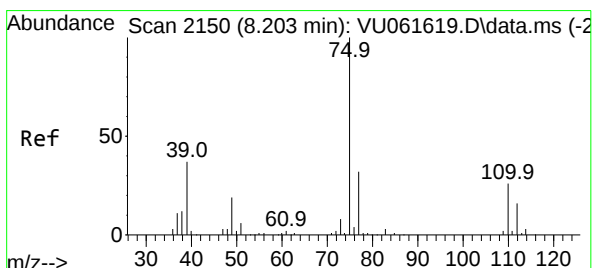
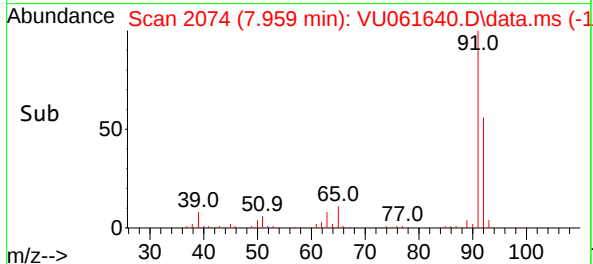
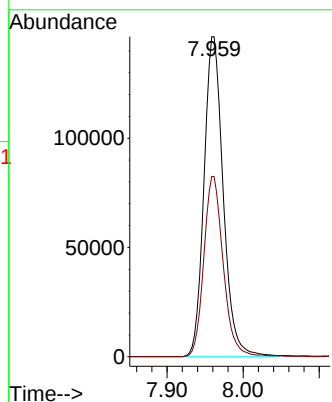
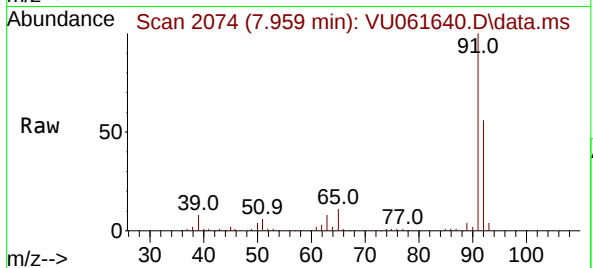
ClientSampleId :

Tgt Ion: 91 Resp: 257790

Ion Ratio Lower Upper

91 100

92 56.3 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.137 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061640.D

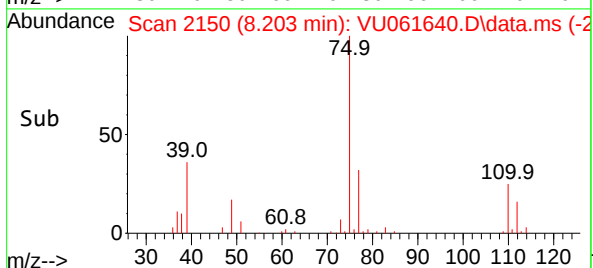
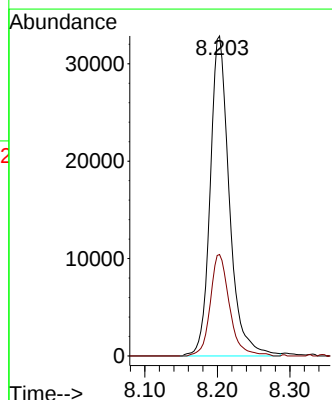
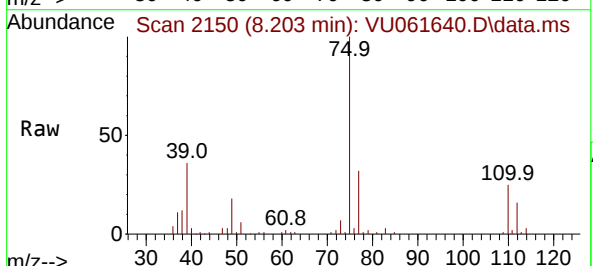
Acq: 13 Nov 2024 21:45

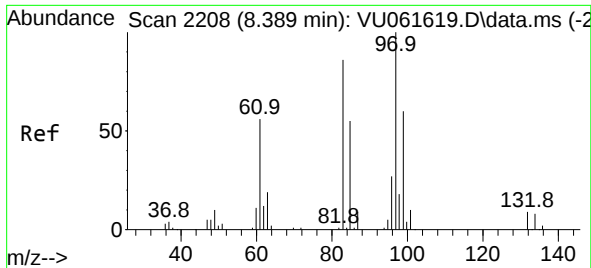
Tgt Ion: 75 Resp: 60394

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3

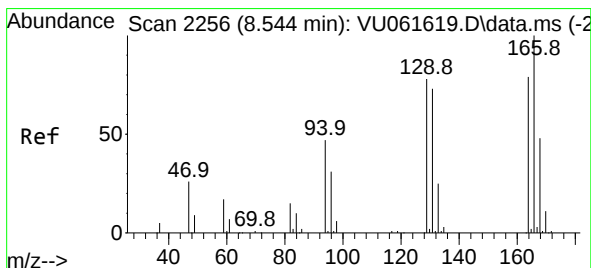
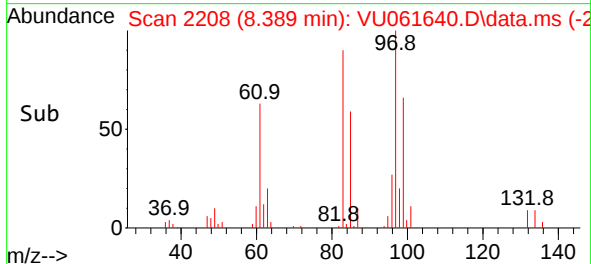
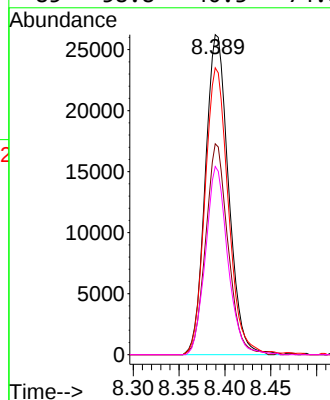
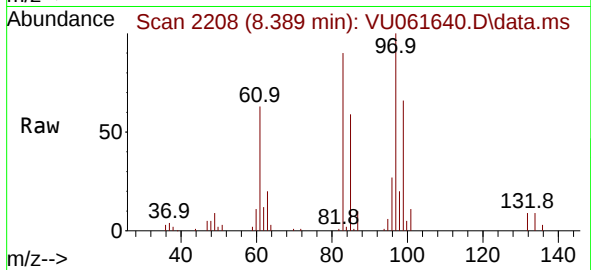




#45
1,1,2-Trichloroethane
Concen: 4.900 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

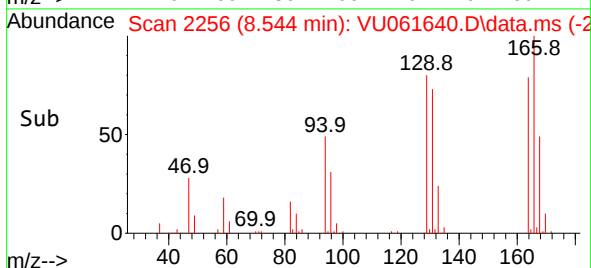
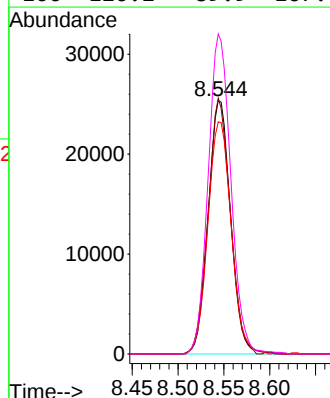
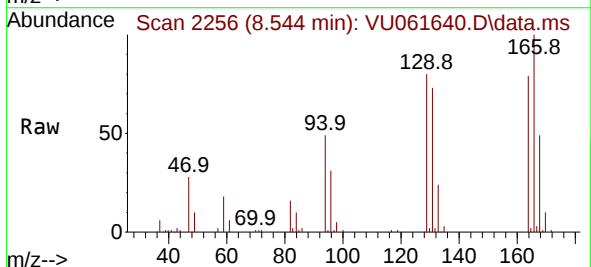
Instrument :
MSVOA_U
ClientSampleId :

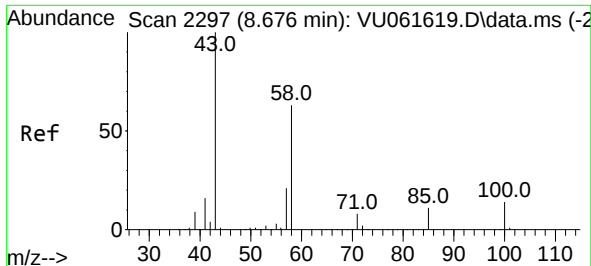
Tgt Ion: 97	Resp: 46202
Ion Ratio	Lower Upper
97 100	
99 65.9	43.8 81.3
83 89.6	63.2 117.4
85 58.8	40.3 74.8



#47
Tetrachloroethene
Concen: 4.193 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt	Ion:164	Resp:	43373
Ion	Ratio	Lower	Upper
164	100		
129	100.8	71.7	133.3
131	91.5	68.2	126.6
166	126.2	89.9	167.0

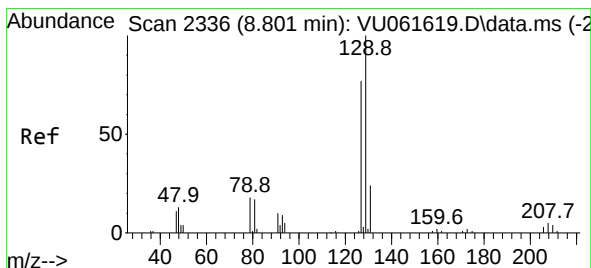
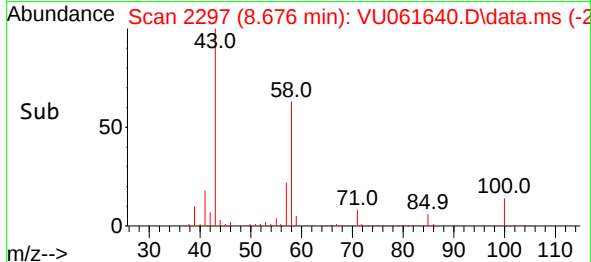
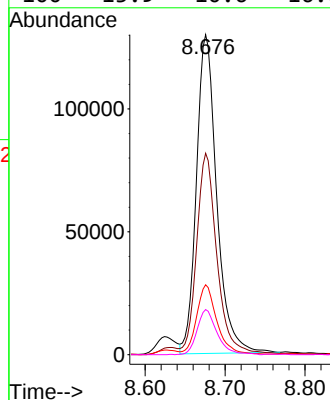
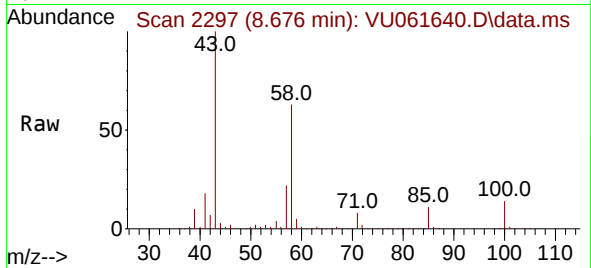




#48
2-Hexanone
Concen: 51.825 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

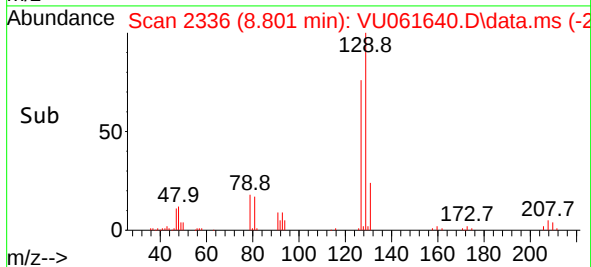
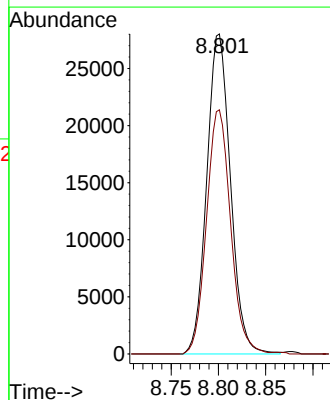
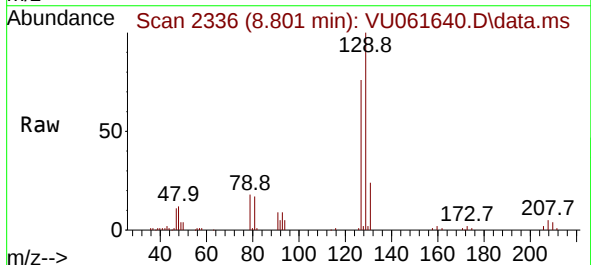
Instrument :
MSVOA_U
ClientSampleId :

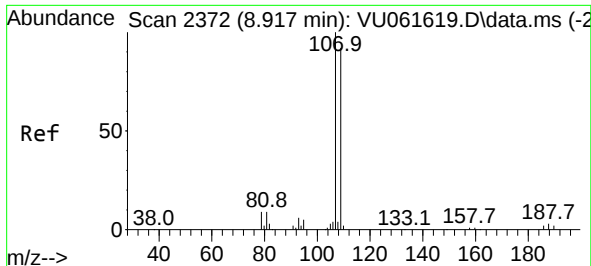
Tgt Ion:	43	Resp:	229785
Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.4	74.2
57	21.6	16.3	24.5
100	13.9	10.6	16.0



#49
Dibromochloromethane
Concen: 4.951 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion:	129	Resp:	48947
Ion	Ratio	Lower	Upper
129	100		
127	76.3	55.1	102.3





#50

1,2-Dibromoethane

Concen: 4.975 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

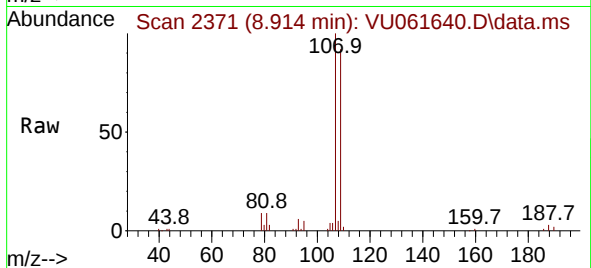
Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

ClientSampleId :



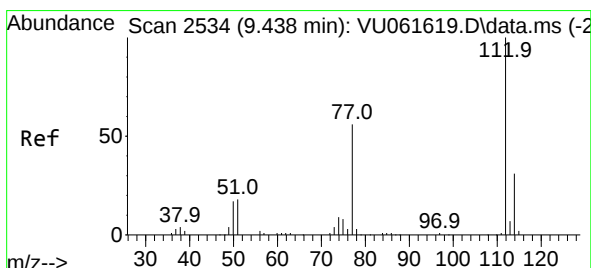
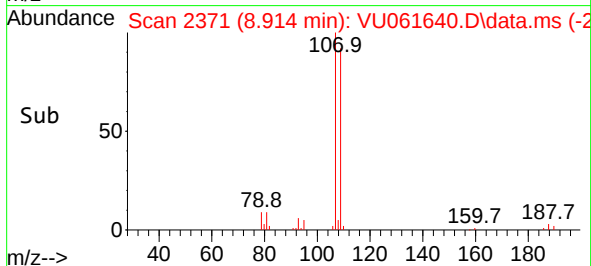
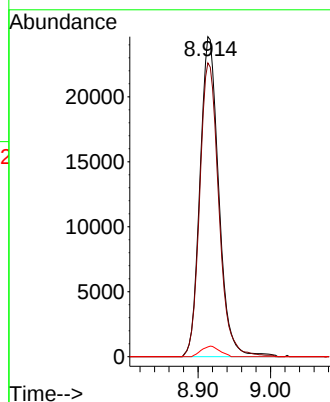
Tgt Ion:107 Resp: 44243

Ion Ratio Lower Upper

107 100

109 91.8 64.8 120.4

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 4.758 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

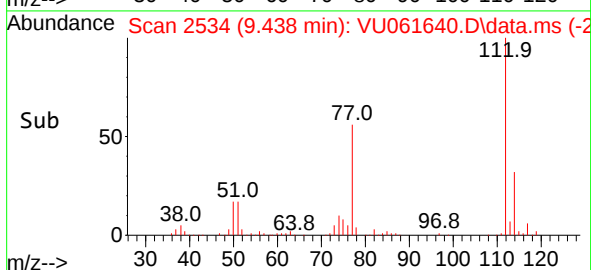
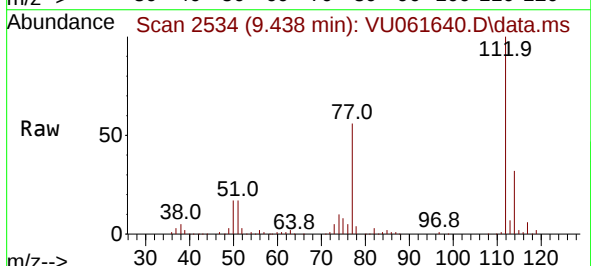
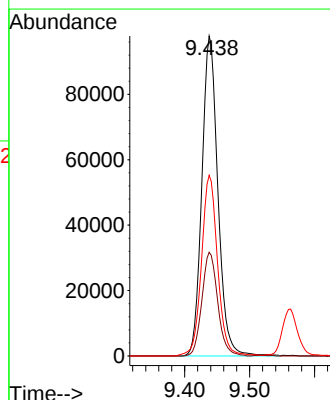
Tgt Ion:112 Resp: 168105

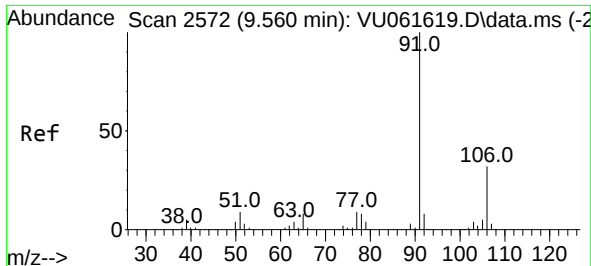
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.9

77 56.4 45.3 67.9

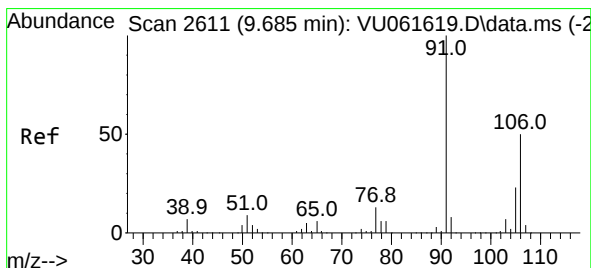
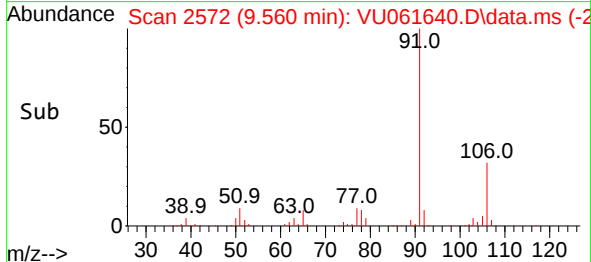
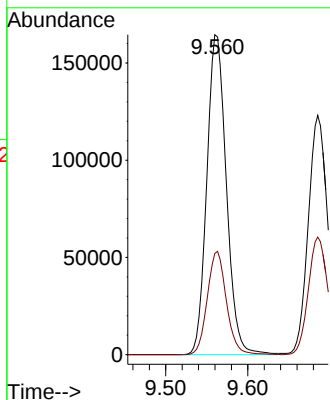
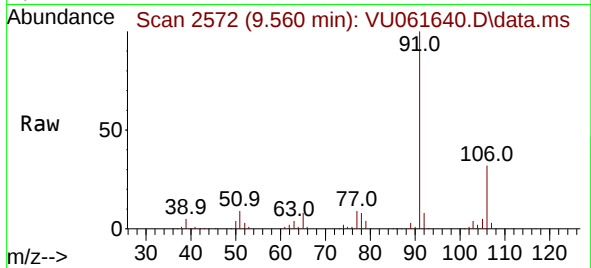




#52
Ethylbenzene
Concen: 4.656 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

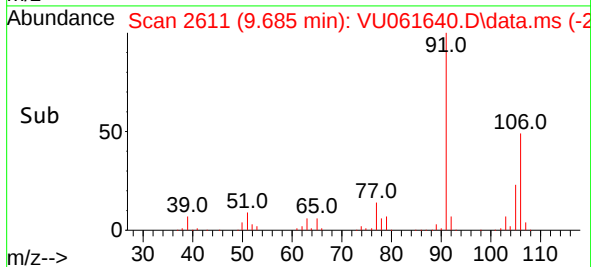
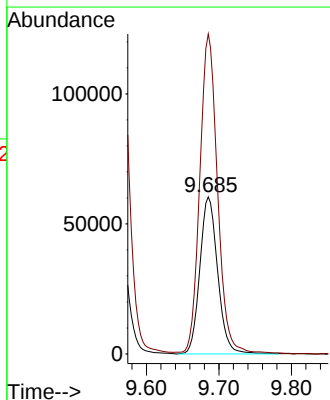
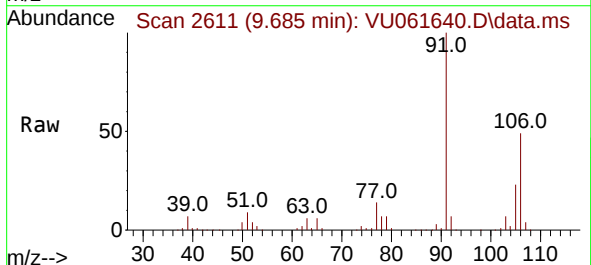
Instrument :
MSVOA_U
ClientSampleId :

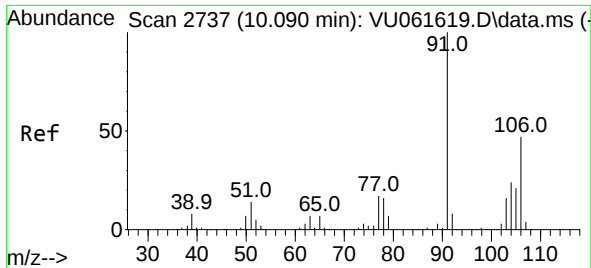
Tgt Ion: 91 Resp: 272253
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 4.617 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion:106 Resp: 103284
Ion Ratio Lower Upper
106 100
91 203.6 140.4 260.8

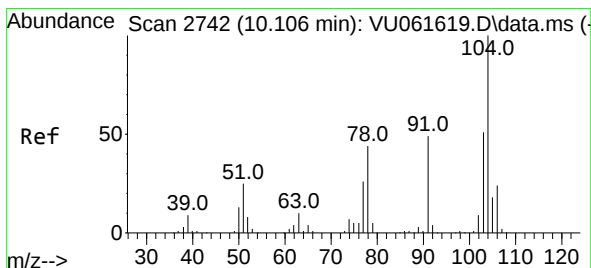
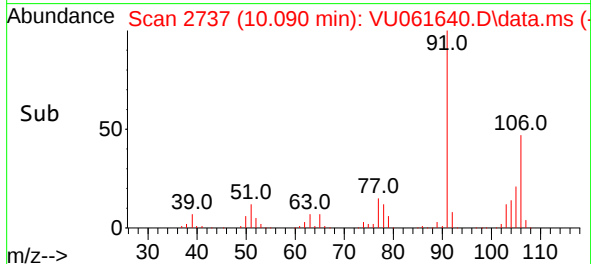
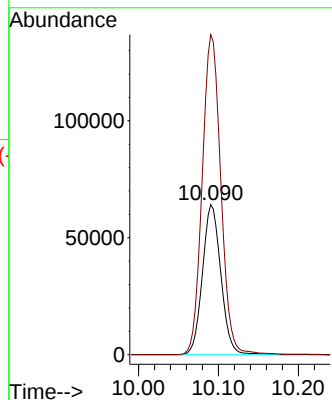
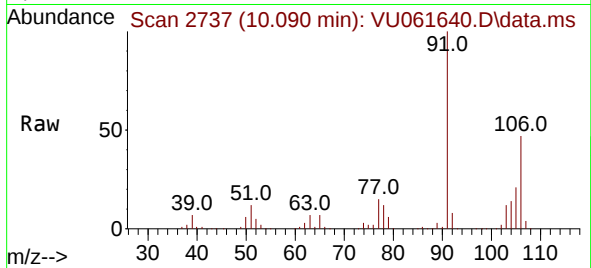




#54
o-Xylene
Concen: 4.727 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

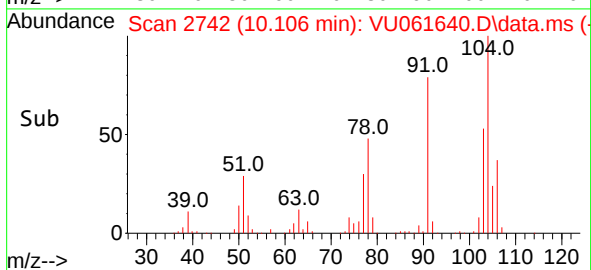
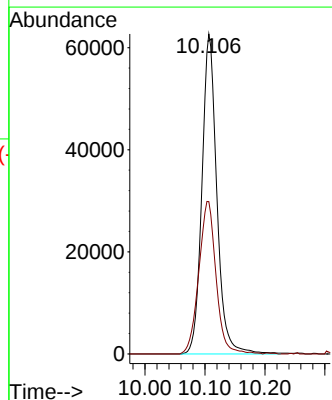
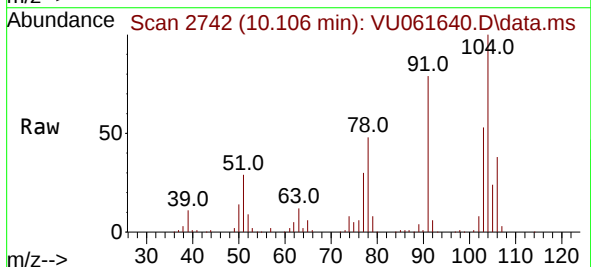
Instrument :
MSVOA_U
ClientSampleId :

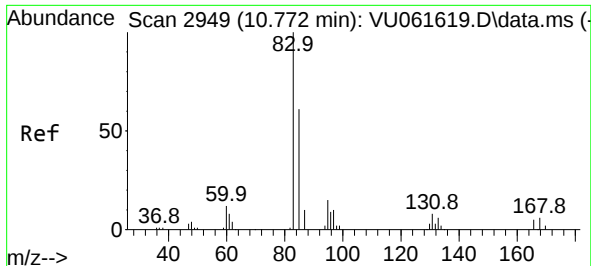
Tgt Ion:106 Resp: 102779
Ion Ratio Lower Upper
106 100
91 213.3 151.3 280.9



#55
Styrene
Concen: 3.147 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion:104 Resp: 108952
Ion Ratio Lower Upper
104 100
78 47.6 31.6 58.6

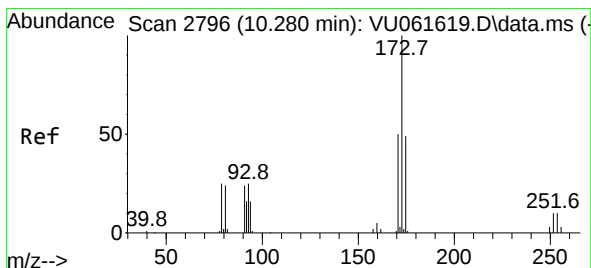
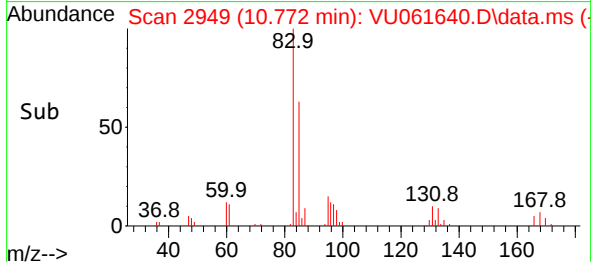
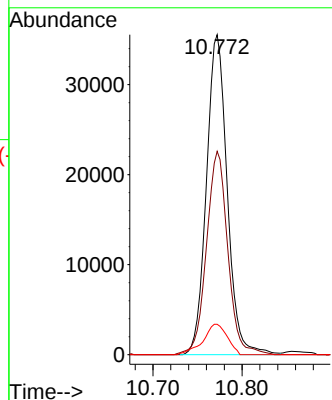
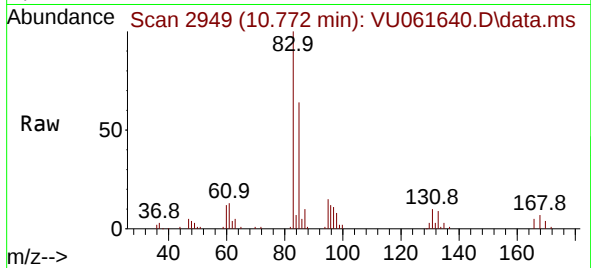




#57
1,1,2,2-Tetrachloroethane
Concen: 5.021 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

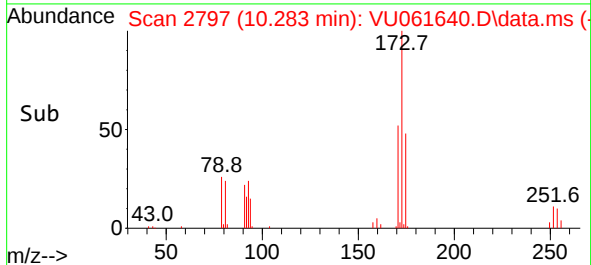
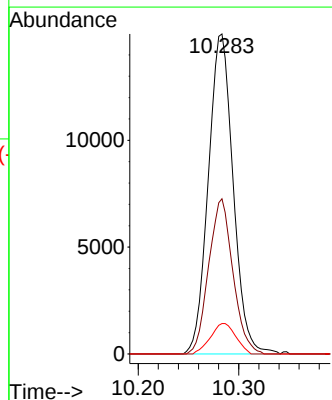
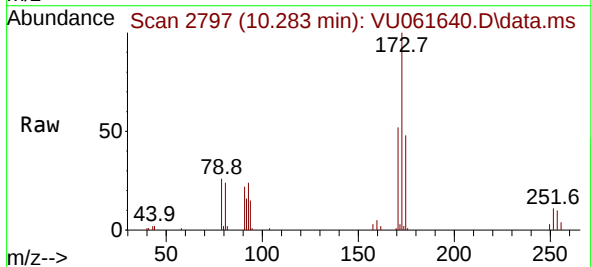
Instrument :
MSVOA_U
ClientSampleId :

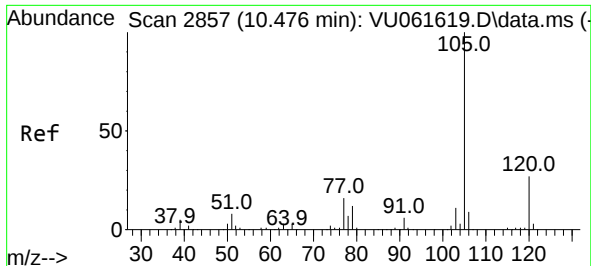
Tgt Ion:	83	Resp:	57602
Ion Ratio	Lower	Upper	
83	100		
85	63.5	41.9	77.9
131	9.5	7.8	11.6



#59
Bromoform
Concen: 4.793 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion:	173	Resp:	25710
Ion Ratio	Lower	Upper	
173	100		
175	47.3	39.3	58.9
254	9.7	7.8	11.8

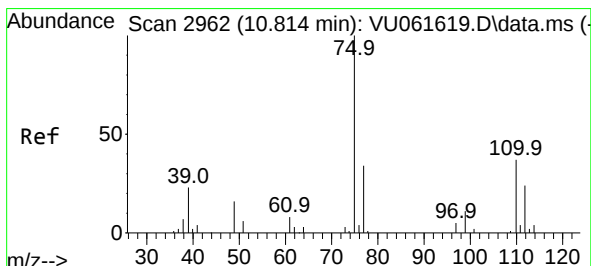
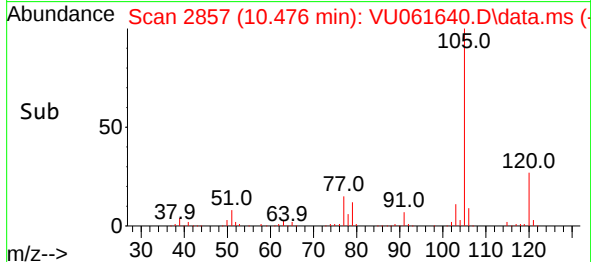
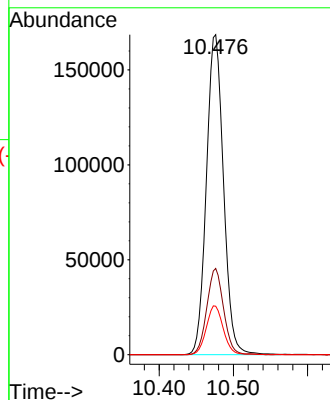
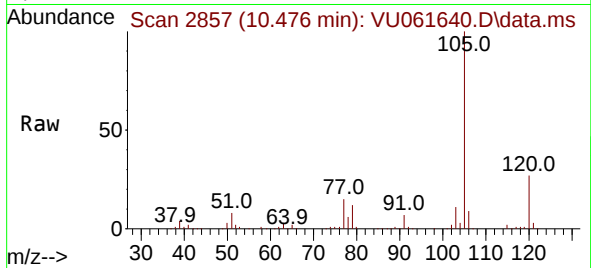




#60
Isopropylbenzene
Concen: 4.799 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

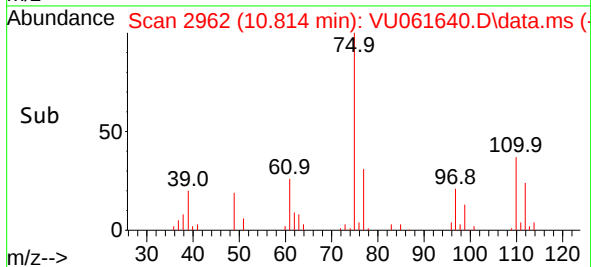
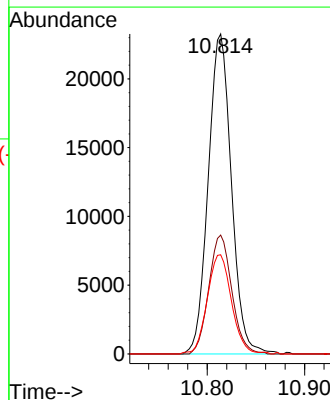
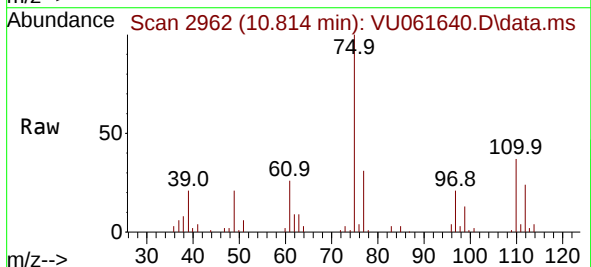
Instrument :
MSVOA_U
ClientSampleId :

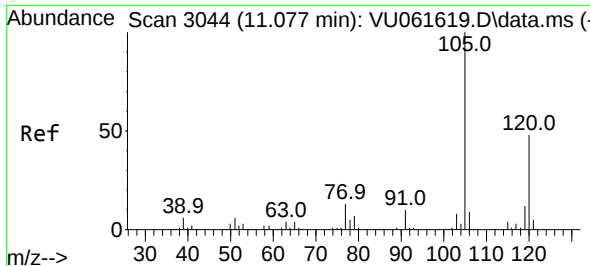
Tgt Ion:105 Resp: 269729
Ion Ratio Lower Upper
105 100
120 26.4 21.6 32.4
77 15.1 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.037 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion: 75 Resp: 38461
Ion Ratio Lower Upper
75 100
110 37.0 31.3 46.9
77 32.3 26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.628 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

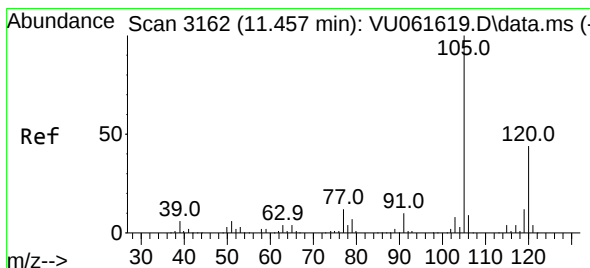
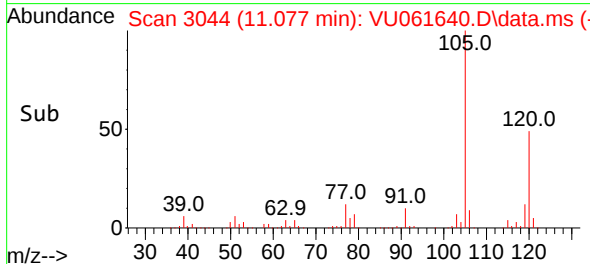
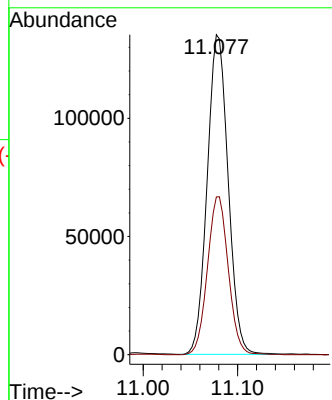
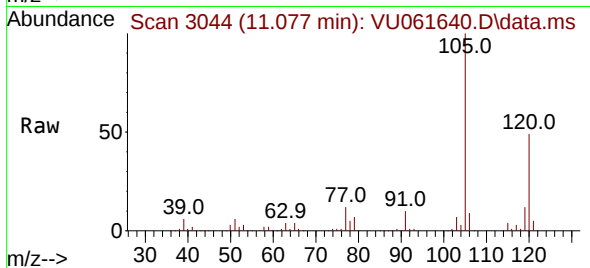
ClientSampleId :

Tgt Ion:105 Resp: 208273

Ion Ratio Lower Upper

105 100

120 49.3 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.743 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU061640.D

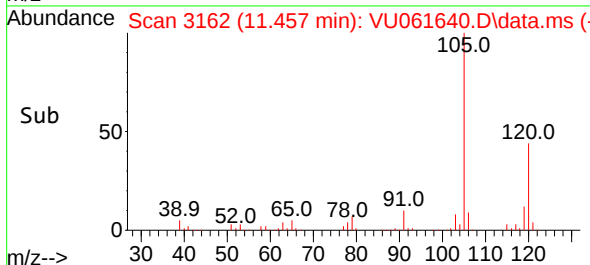
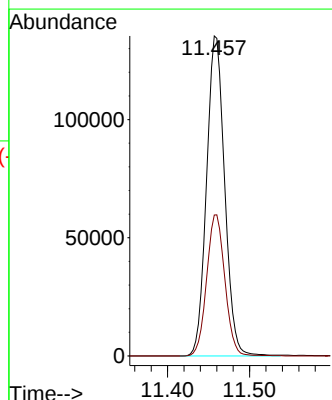
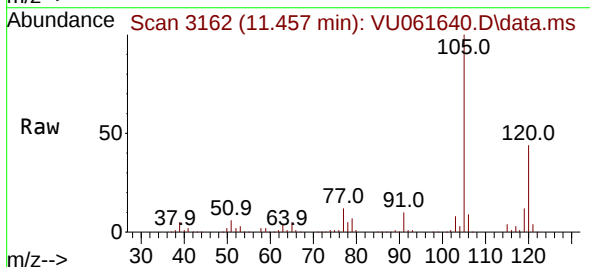
Acq: 13 Nov 2024 21:45

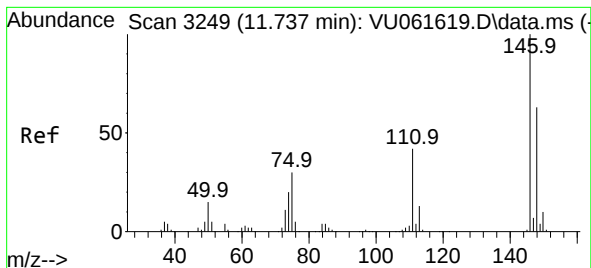
Tgt Ion:105 Resp: 207777

Ion Ratio Lower Upper

105 100

120 44.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.716 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

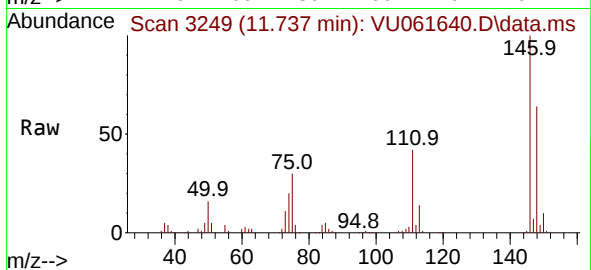
Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

ClientSampleId :



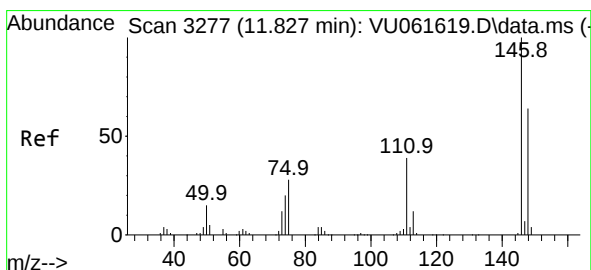
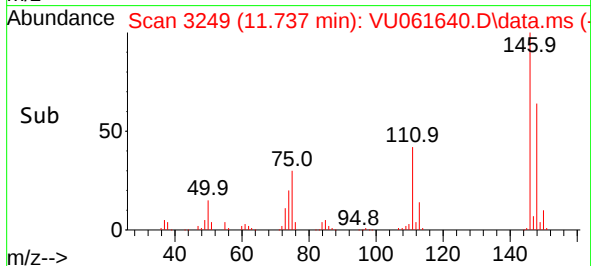
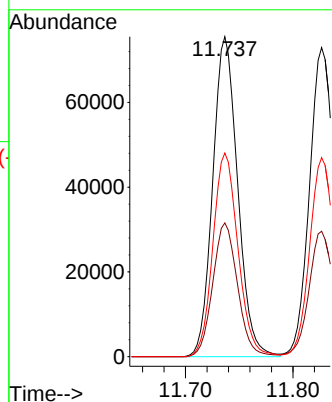
Tgt Ion:146 Resp: 121555

Ion Ratio Lower Upper

146 100

111 41.8 29.3 54.3

148 63.6 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 4.615 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

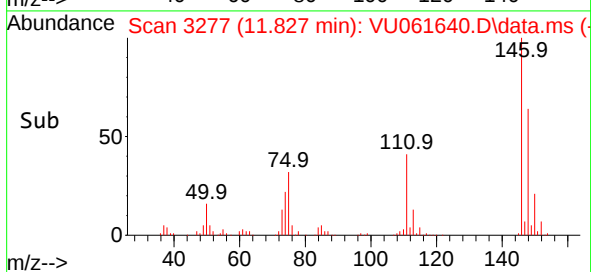
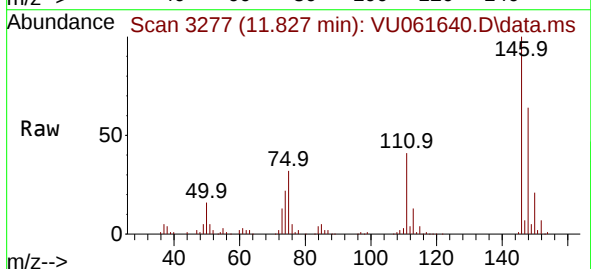
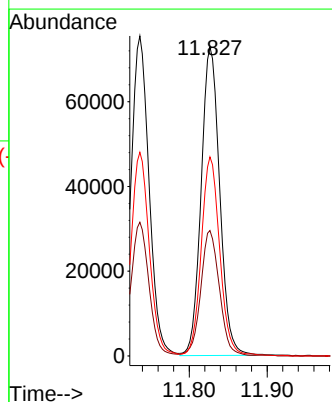
Tgt Ion:146 Resp: 120787

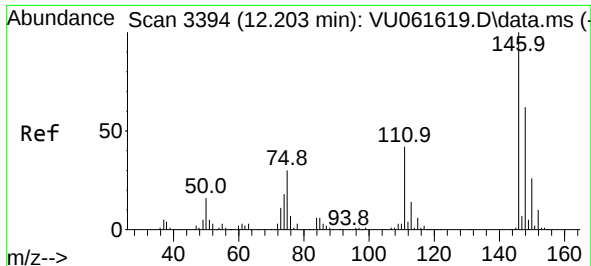
Ion Ratio Lower Upper

146 100

111 40.6 28.8 53.4

148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.825 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

ClientSampleId :

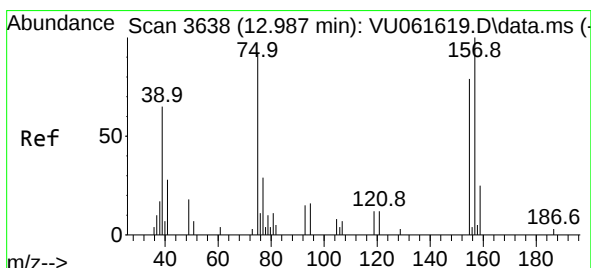
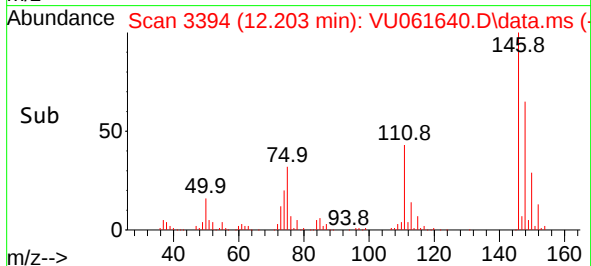
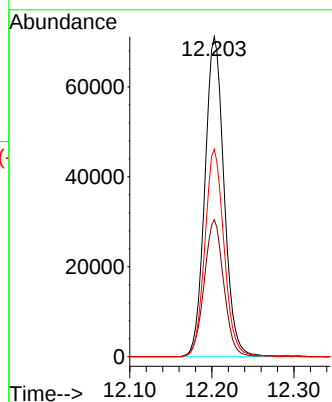
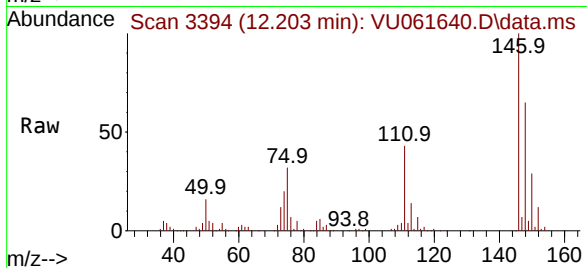
Tgt Ion:146 Resp: 115663

Ion Ratio Lower Upper

146 100

111 42.8 35.2 52.8

148 64.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.206 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

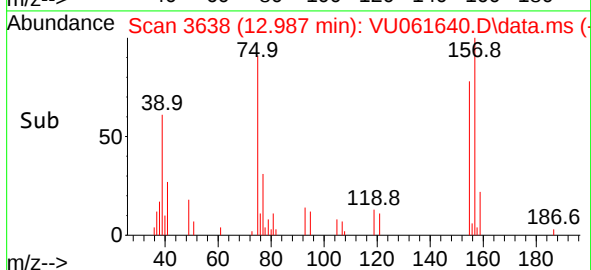
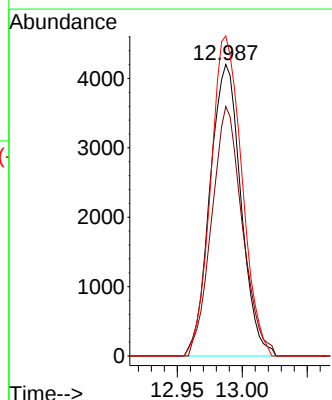
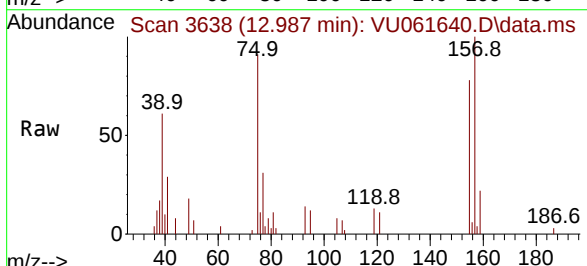
Tgt Ion: 75 Resp: 6941

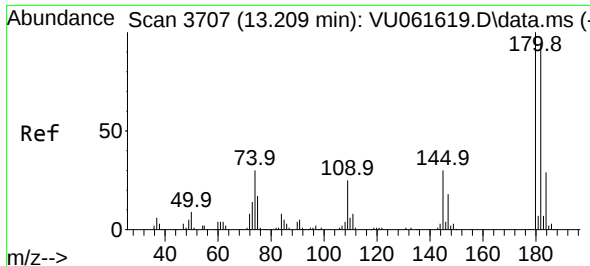
Ion Ratio Lower Upper

75 100

155 85.6 62.6 93.8

157 109.8 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.500 ug/L

RT: 13.209 min Scan# 31

Delta R.T. 0.000 min

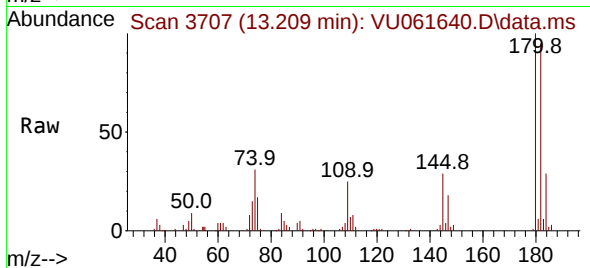
Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 80994

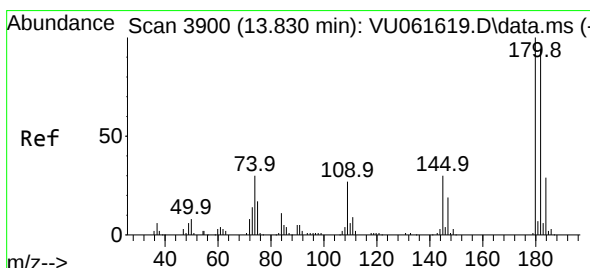
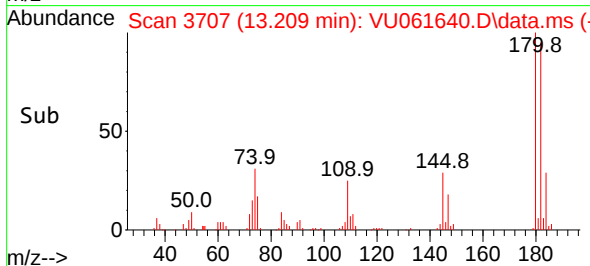
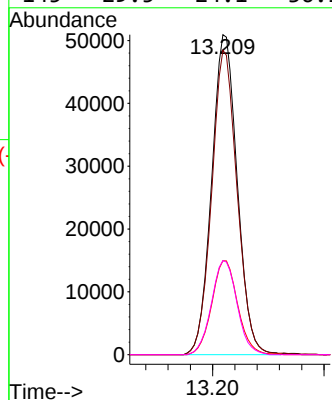
Ion Ratio Lower Upper

180 100

182 94.8 77.1 115.7

184 29.9 24.7 37.1

145 29.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.883 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. 0.000 min

Lab File: VU061640.D

Acq: 13 Nov 2024 21:45

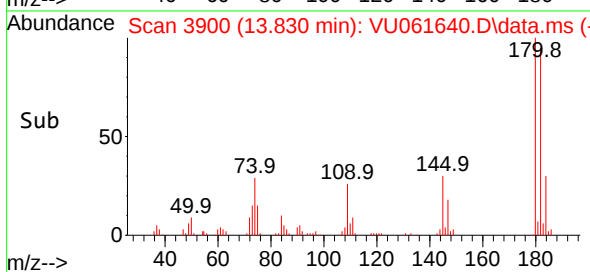
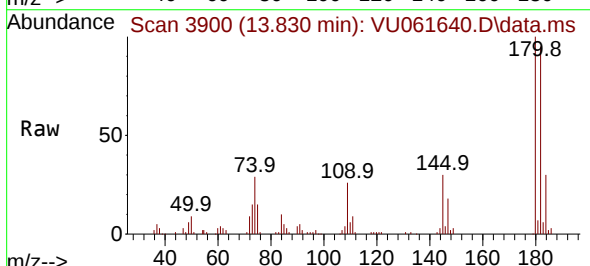
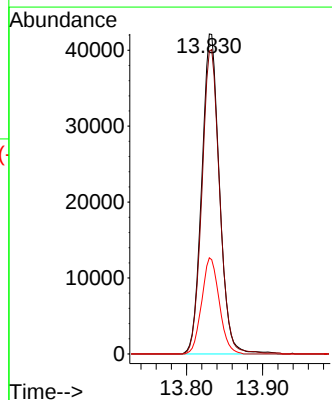
Tgt Ion:180 Resp: 68105

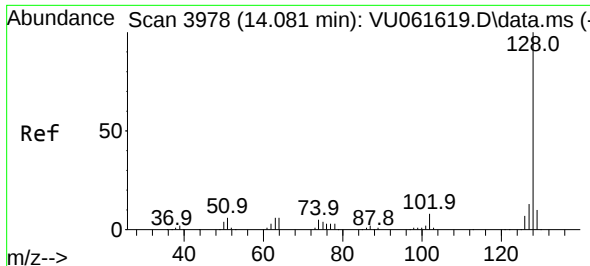
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.0

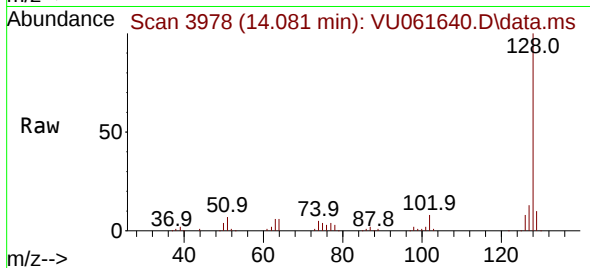
145 29.8 24.5 36.7



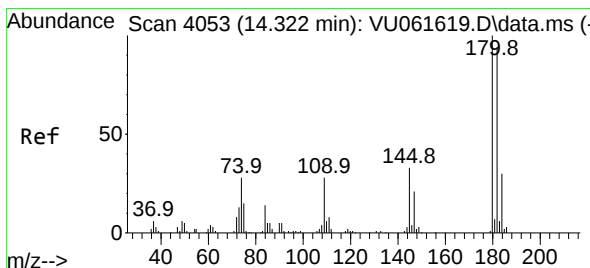
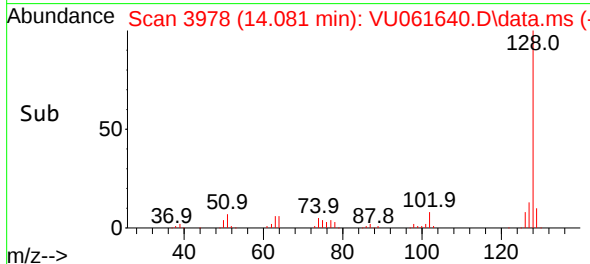
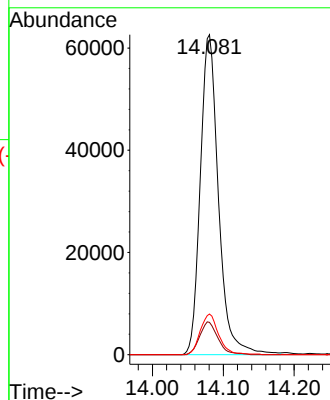


#71
Naphthalene
Concen: 5.569 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	111522
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.5	12.7
127	12.9	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.174 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU061640.D
Acq: 13 Nov 2024 21:45

Tgt Ion:	180	Resp:	60579
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	114.8
145	32.4	26.3	39.5

