

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060642.D
 Acq On : 06 Sep 2024 13:33
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Sep 07 00:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	39343	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15178	1.130	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14966	1.034	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	177787	11.482	ug/l	100
3) Chloromethane	1.518	50	168750	9.764	ug/l	100
4) Vinyl Chloride	1.602	62	170586	9.926	ug/l	100
5) Bromomethane	1.856	94	107253	10.103	ug/l	100
6) Chloroethane	1.930	64	96643	9.387	ug/l	100
7) Trichlorofluoromethane	2.136	101	241829	11.351	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	106694	9.536	ug/l	100
9) 1,1-Dichloroethene	2.576	96	110175	9.473	ug/l	100
10) Iodomethane	2.718	142	154046	9.096	ug/l	100
11) Allyl Chloride	2.917	41	145068	9.187	ug/l	100
12) Acrylonitrile	3.325	53	50482m	16.785	ug/l	
13) Acetone	2.650	43	191850	48.766	ug/l	100
14) Carbon Disulfide	2.788	76	362327	9.251	ug/l	100
15) Methylene Chloride	3.039	84	128039	8.852	ug/l	100
16) trans-1,2-Dichloroethene	3.348	96	118312	9.531	ug/l	100
17) 1,1-Dichloroethane	3.862	63	222155	9.311	ug/l	100
18) 2-Butanone	4.711	43	224396	50.591	ug/l	100
19) Cyclohexane	5.380	56	192586m	9.407	ug/l	
20) Methylcyclohexane	6.756	83	198101	11.914	ug/l	100
21) 2,2-Dichloropropane	4.656	77	184313	9.795	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	126694	9.525	ug/l	100
23) Diethyl Ether	2.374	59	88782	9.384	ug/l	100
24) tert-Butyl Alcohol	3.258	59	83974m	73.177	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	261528	9.193	ug/l	100
26) Bromochloromethane	4.968	128	56544	9.927	ug/l	100
27) Chloroform	5.078	83	225713	9.593	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	205372	10.364	ug/l	100
29) 1,1-Dichloropropene	5.518	75	170349	10.696	ug/l	100
30) Carbon Tetrachloride	5.518	117	185179	11.300	ug/l	100
31) Isopropyl Ether	3.981	45	300902	8.737	ug/l	100
32) Ethyl-t-butyl ether	4.492	59	299411	8.949	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	269526	11.016	ug/l	100
34) Propionitrile	4.804	54	48759m	40.302	ug/l	
35) Benzene	5.766	78	490543	10.167	ug/l	100
36) 1,2-Dichloroethane	5.785	62	143218	10.499	ug/l	100
37) Trichloroethene	6.534	130	126650	10.511	ug/l	100
38) 1,2-Dichloropropane	6.782	63	131133	10.065	ug/l	100
39) Methacrylonitrile	4.972	41	32767	7.576	ug/l	100
40) Methyl acrylate	4.843	55	64343m	8.367	ug/l	
41) Tetrahydrofuran	5.062	42	35153	14.799	ug/l	100
42) 1-Chlorobutane	5.451	56	225111	10.340	ug/l	100
43) Dibromomethane	6.914	93	63796	9.672	ug/l	100
44) Bromodichloromethane	7.097	83	162351	10.179	ug/l	100

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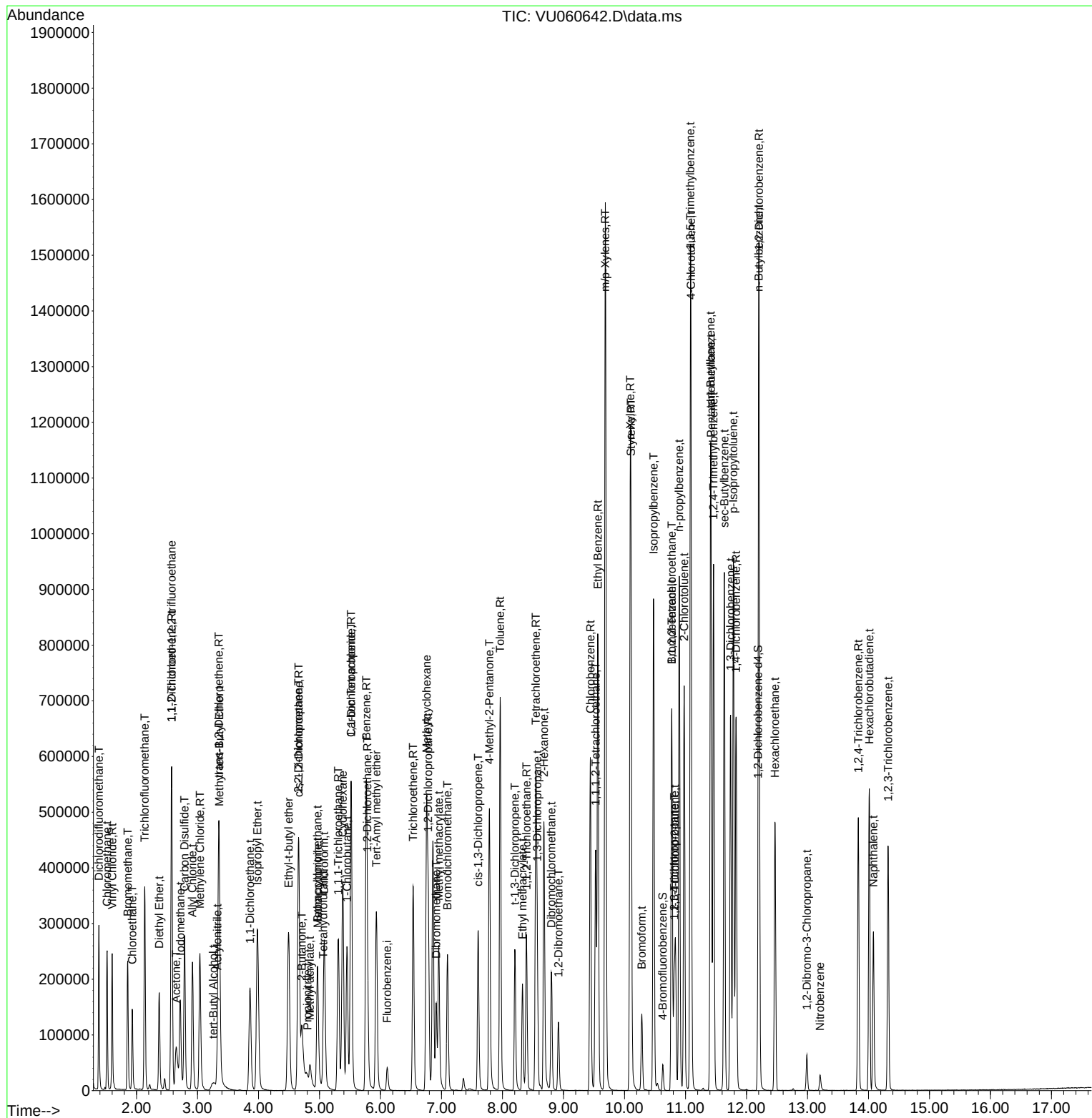
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	338138	53.876	ug/l	100
46) t-1,4-Dichloro-2-butene	10.823	75	71444m	20.535	ug/l	
47) Methyl methacrylate	6.955	69	114304	21.386	ug/l	100
48) Ethyl methacrylate	8.328	69	106460	11.587	ug/l	100
49) Toluene	7.962	92	302290	11.290	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	150277	11.321	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	176624	11.077	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	88204	9.185	ug/l	100
53) 1,3-Dichloropropane	8.569	76	155133	10.035	ug/l	100
54) 2-Hexanone	8.679	43	319354	63.044	ug/l	100
55) Dibromochloromethane	8.801	129	112693	10.497	ug/l	100
56) 1,2-Dibromoethane	8.917	107	81339	9.451	ug/l	100
58) Tetrachloroethene	8.547	164	123410	11.308	ug/l	100
59) Chlorobenzene	9.441	112	328802	11.233	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	117937	10.274	ug/l	100
61) Pentachloroethane	11.418	117	91963	9.560	ug/l	100
62) Hexachloroethane	12.466	117	95224	10.154	ug/l	100
63) Ethyl Benzene	9.563	91	569704	12.429	ug/l	100
64) m/p-Xylenes	9.685	106	456263	25.133	ug/l	100
65) o-Xylene	10.094	106	217607	12.437	ug/l	100
66) Styrene	10.106	104	353999	12.269	ug/l	100
67) Bromoform	10.283	173	63473	10.110	ug/l	100
69) Isopropylbenzene	10.476	105	563483	12.593	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	111021	8.764	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	96059m	10.337	ug/l	
72) Bromobenzene	10.775	156	133040	11.142	ug/l	100
73) n-propylbenzene	10.897	120	156184	12.557	ug/l	100
74) 2-Chlorotoluene	10.978	126	138072	11.886	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	499282	12.794	ug/l	100
76) 4-Chlorotoluene	11.090	126	144642	11.989	ug/l	100
77) tert-Butylbenzene	11.412	119	464564	12.194	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	515467	12.932	ug/l	100
79) sec-Butylbenzene	11.637	105	619783	12.284	ug/l	100
80) Nitrobenzene	13.206	77	18562	34.559	ug/l	100
81) p-Isopropyltoluene	11.785	119	528461	12.879	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	273267	11.022	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	273642	11.144	ug/l	100
84) n-Butylbenzene	12.203	91	492809	12.429	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	257108	10.742	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.990	75	17348	9.352	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	154000	11.227	ug/l	100
88) Hexachlorobutadiene	14.013	225	101397	11.326	ug/l	100
89) Naphthalene	14.080	128	229486	9.740	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	136673	10.400	ug/l	100

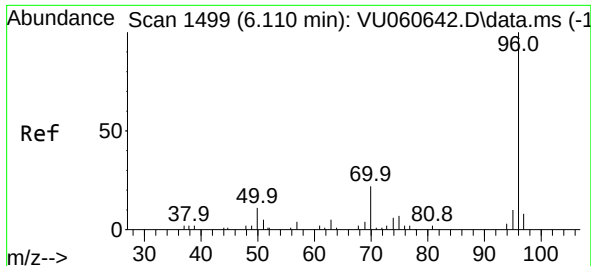
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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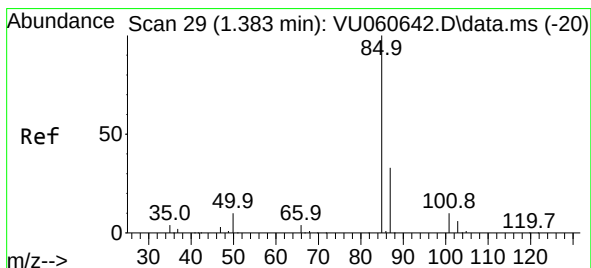
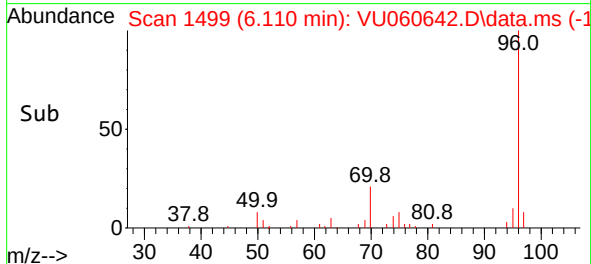
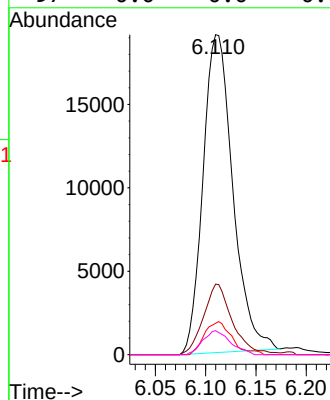
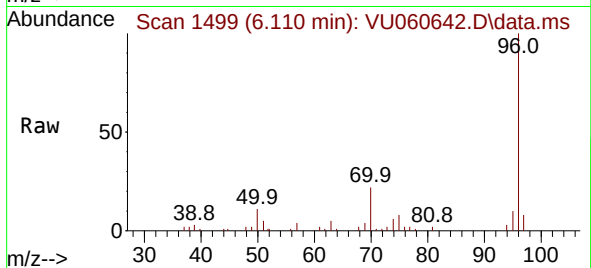




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

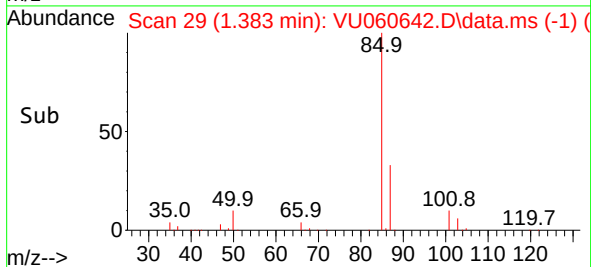
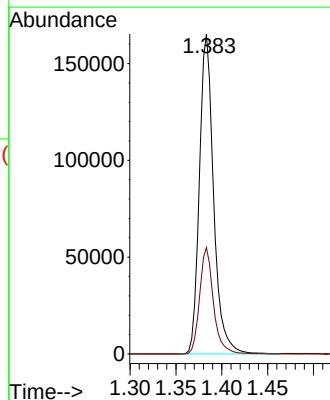
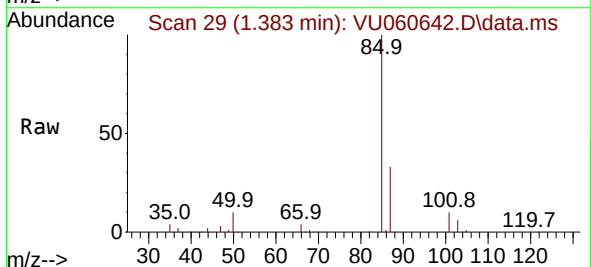
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

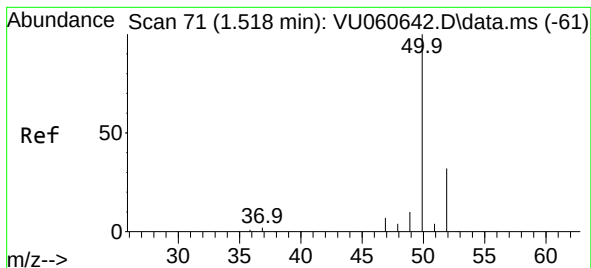
Tgt Ion:	96	Resp:	39343
Ion	Ratio	Lower	Upper
96	100		
70	20.6	16.5	24.7
95	9.6	7.7	11.5
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 11.482 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:	85	Resp:	177787
Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.6	49.8





#3

Chloromethane

Concen: 9.764 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

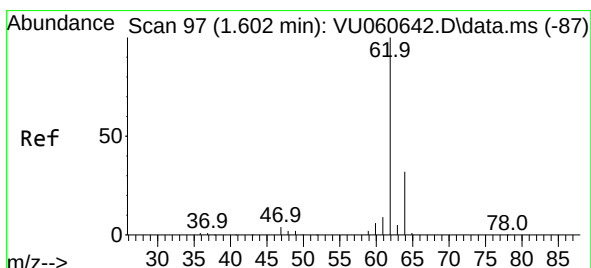
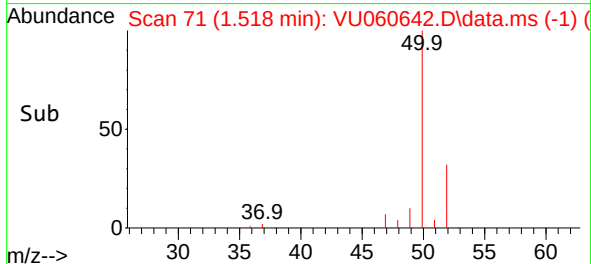
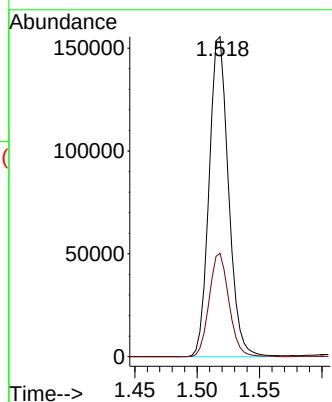
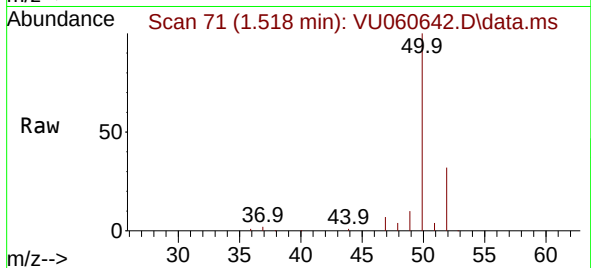
VSTDICCC010

Tgt Ion: 50 Resp: 168750

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 9.926 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060642.D

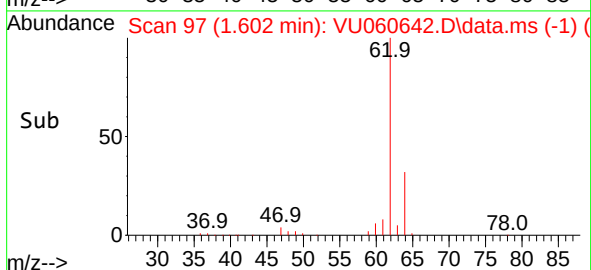
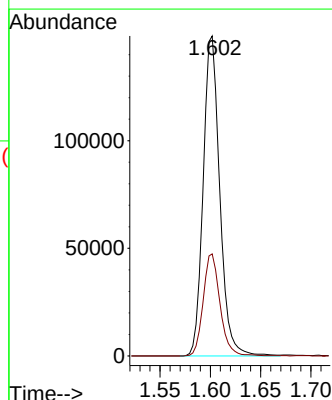
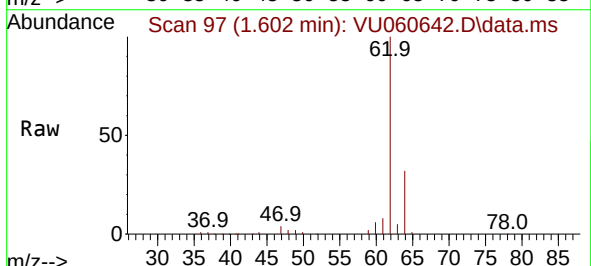
Acq: 06 Sep 2024 13:33

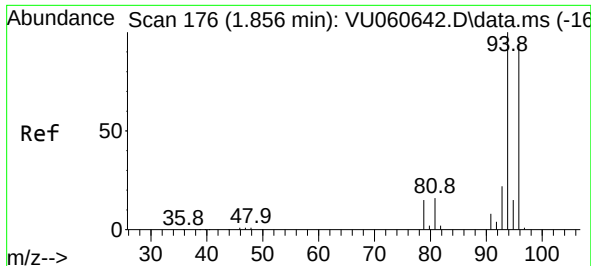
Tgt Ion: 62 Resp: 170586

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3

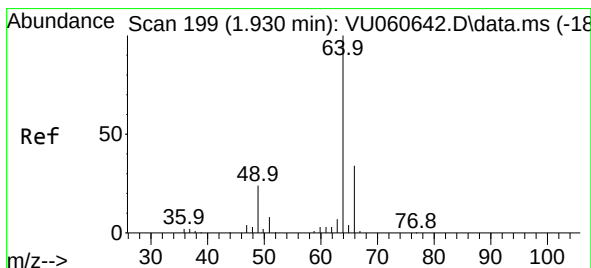
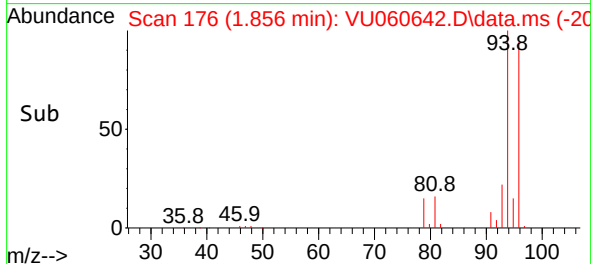
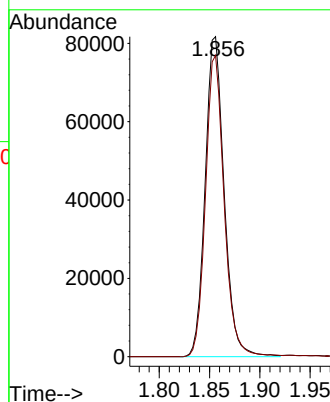
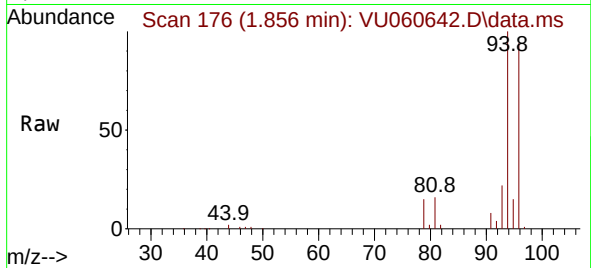




#5
Bromomethane
Concen: 10.103 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060642.D
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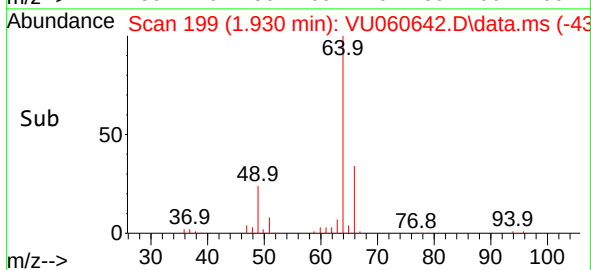
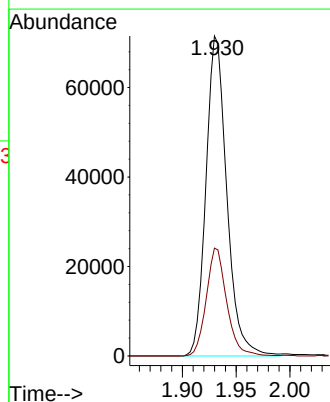
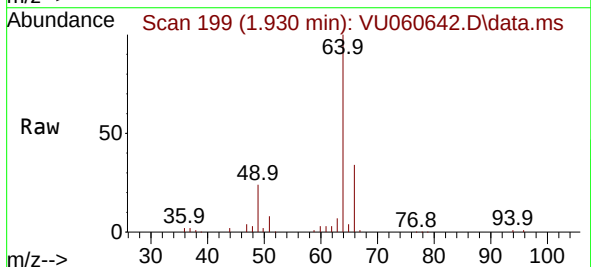
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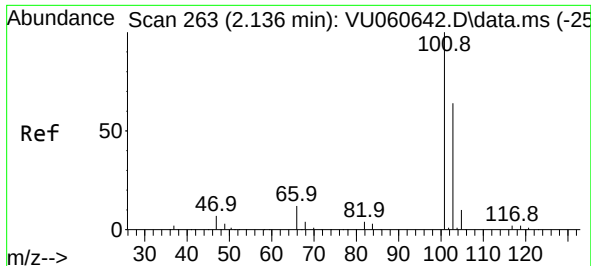
Tgt Ion: 94 Resp: 107253
Ion Ratio Lower Upper
94 100
96 94.1 75.3 112.9



#6
Chloroethane
Concen: 9.387 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 64 Resp: 96643
Ion Ratio Lower Upper
64 100
66 33.7 27.0 40.4

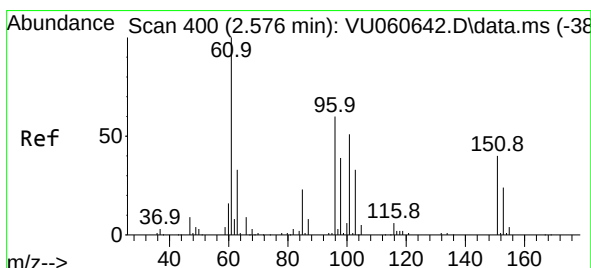
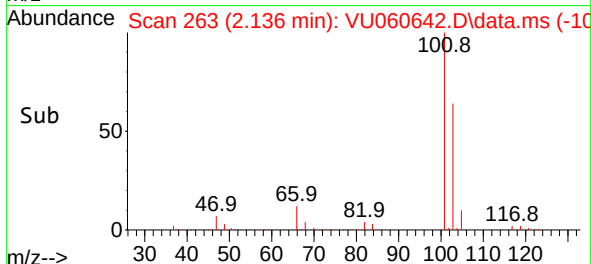
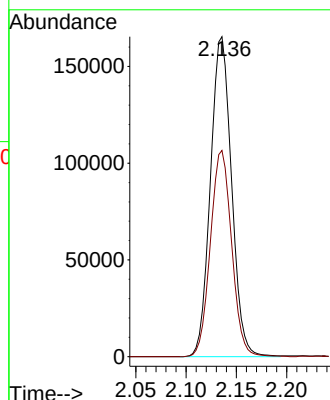
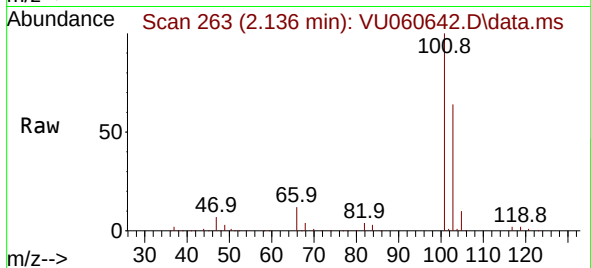




#7
 Trichlorofluoromethane
 Concen: 11.351 ug/l
 RT: 2.136 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VU060642.D
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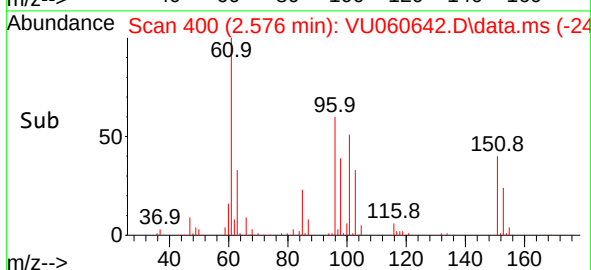
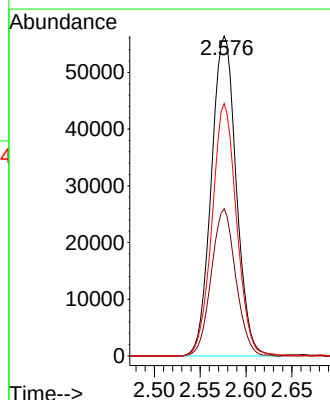
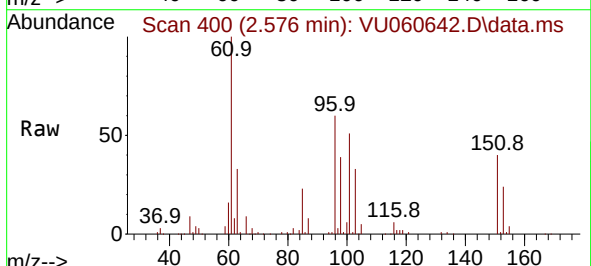
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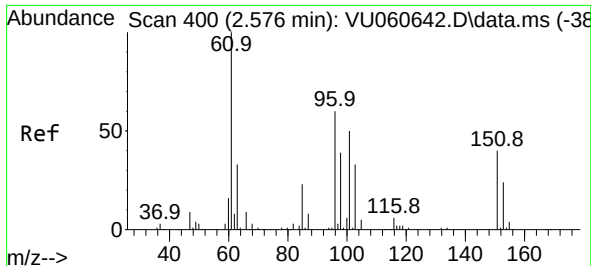
Tgt Ion:101 Resp: 241829
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.536 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

Tgt Ion:101 Resp: 106694
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.2 54.2
 151 77.8 62.2 93.4

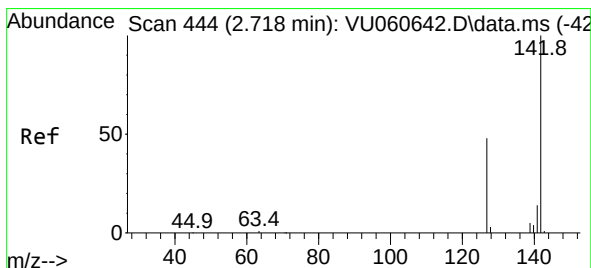
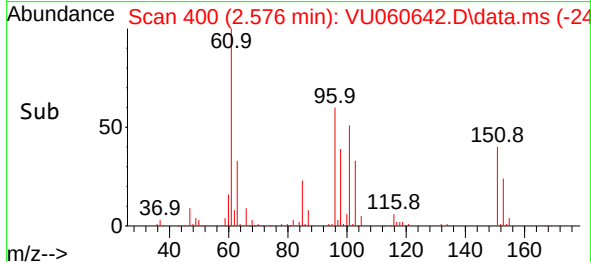
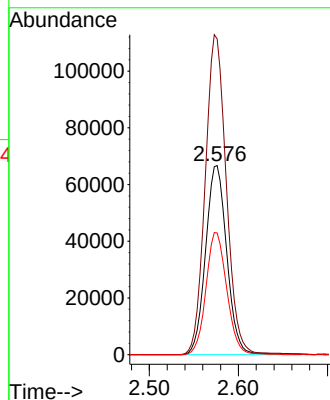
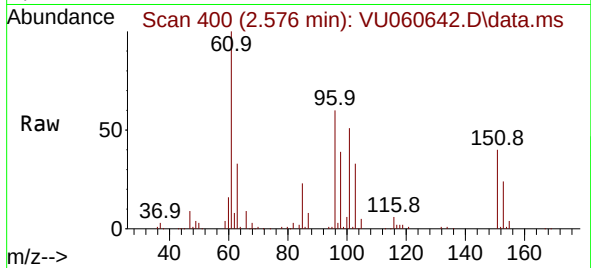




#9
1,1-Dichloroethene
Concen: 9.473 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060642.D
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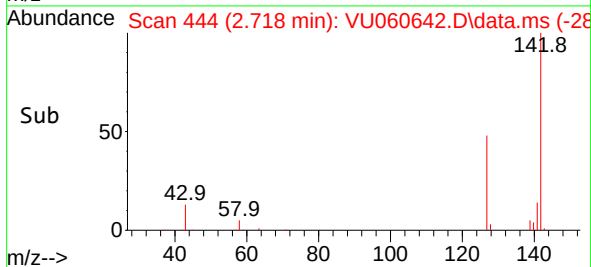
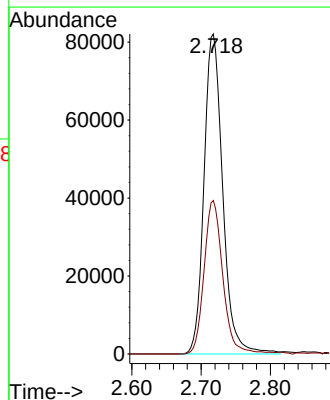
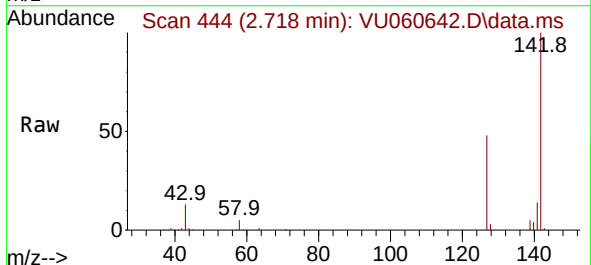
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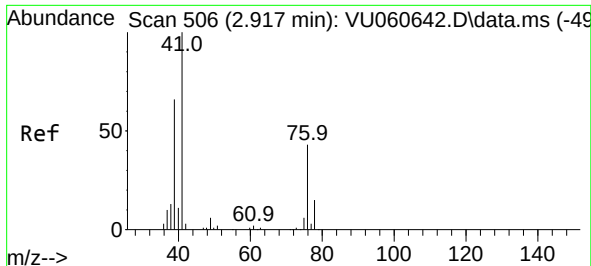
Tgt Ion: 96 Resp: 110175
Ion Ratio Lower Upper
96 100
61 167.0 0.0 501.0
98 64.4 0.0 128.8



#10
Iodomethane
Concen: 9.096 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:142 Resp: 154046
Ion Ratio Lower Upper
142 100
127 48.1 38.5 57.7





#11

Allyl Chloride

Concen: 9.187 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

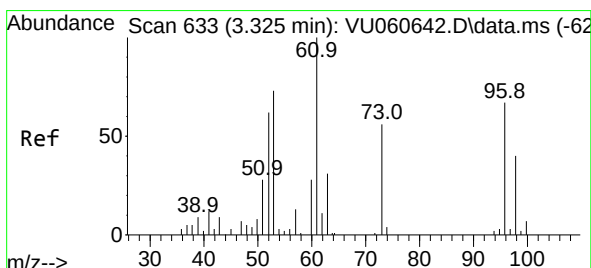
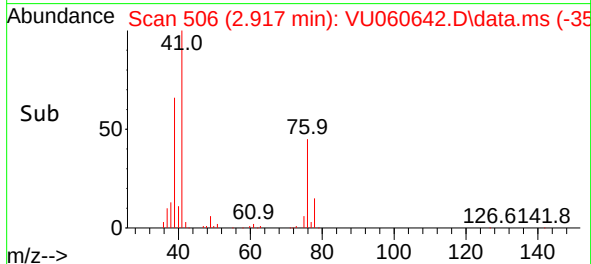
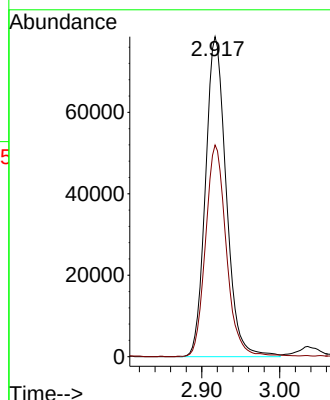
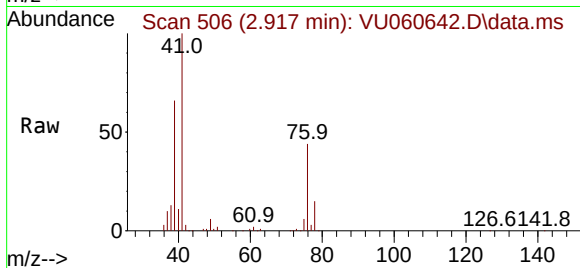
VSTDICCC010

Tgt Ion: 41 Resp: 145068

Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.0



#12

Acrylonitrile

Concen: 16.785 ug/l m

RT: 3.325 min Scan# 633

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

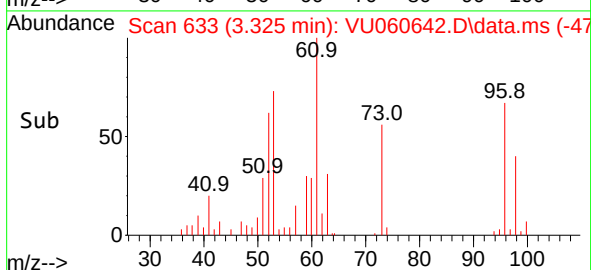
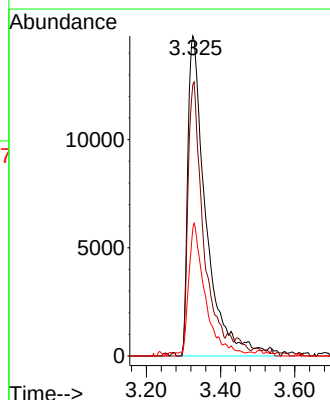
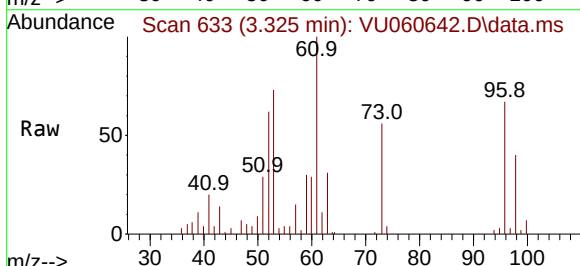
Tgt Ion: 53 Resp: 50482

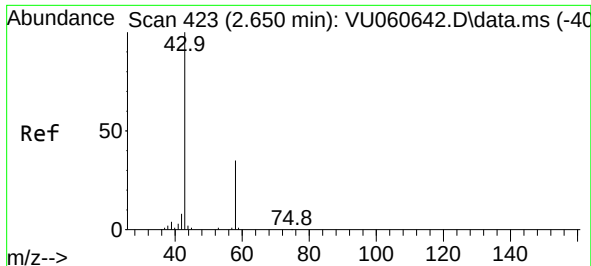
Ion Ratio Lower Upper

53 100

52 70.7 56.6 84.8

51 33.7 27.0 40.4





#13

Acetone

Concen: 48.766 ug/l

RT: 2.650 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

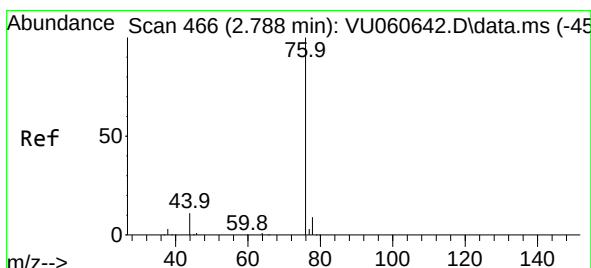
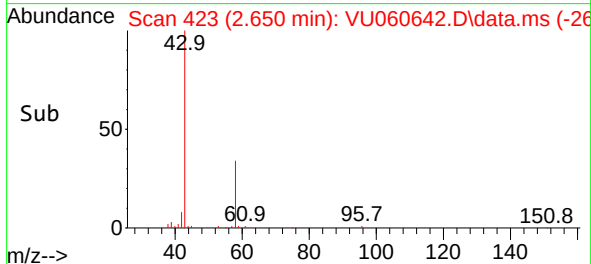
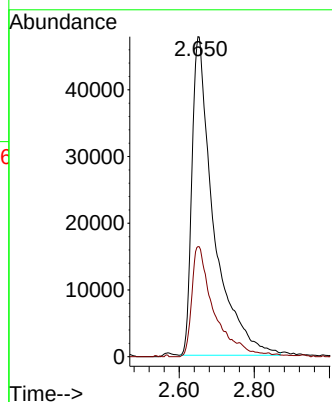
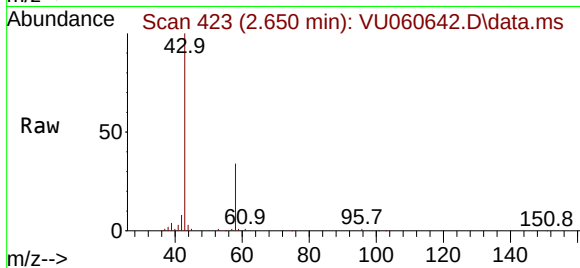
VSTDICCC010

Tgt Ion: 43 Resp: 191850

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5



#14

Carbon Disulfide

Concen: 9.251 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060642.D

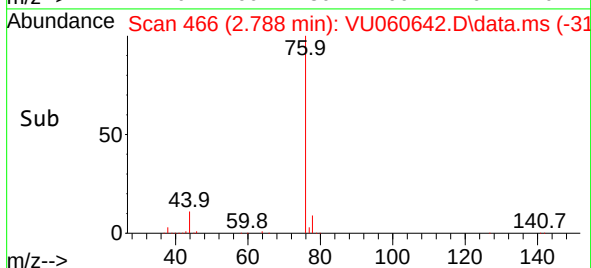
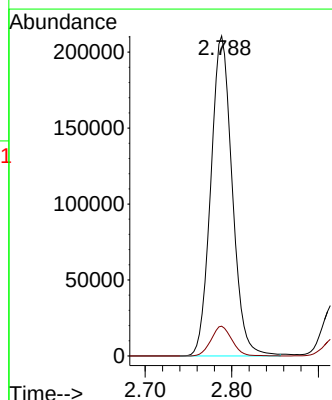
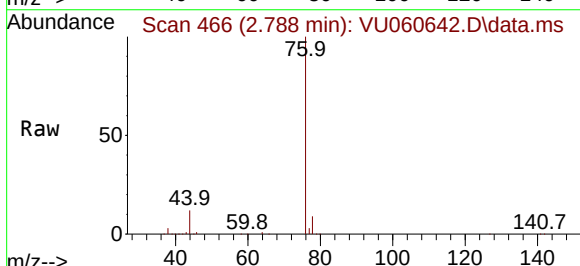
Acq: 06 Sep 2024 13:33

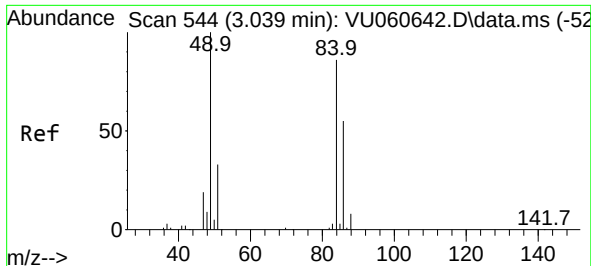
Tgt Ion: 76 Resp: 362327

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



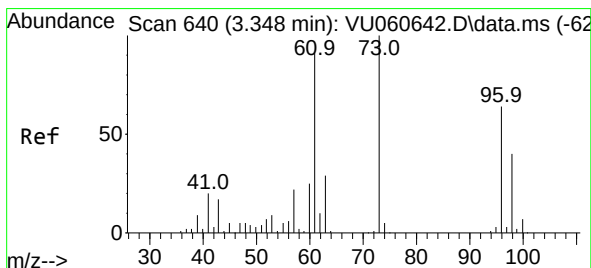
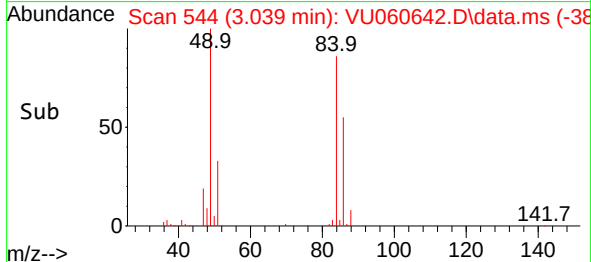
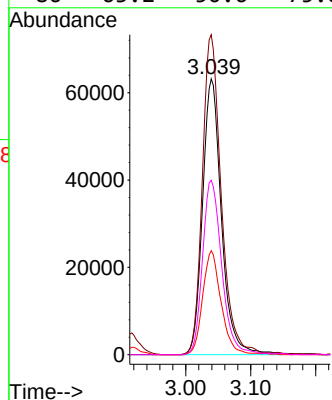
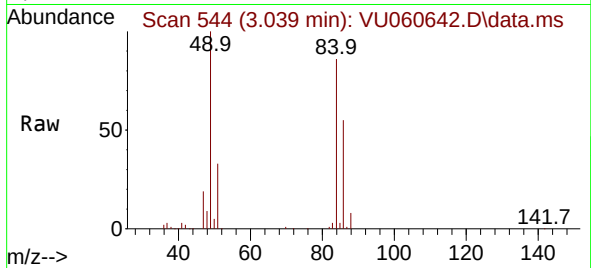


#15
Methylene Chloride
Concen: 8.852 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 84 Resp: 128039

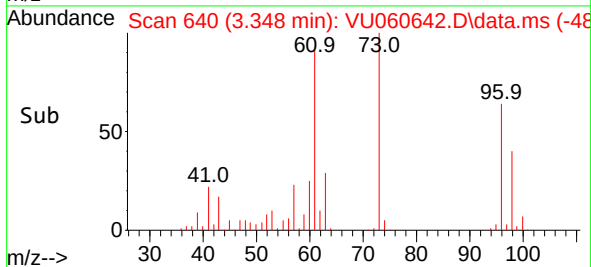
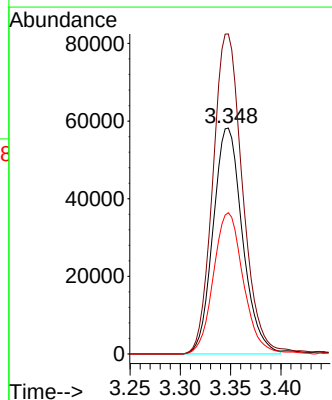
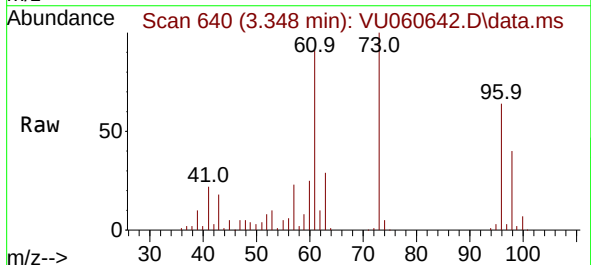
Ion	Ratio	Lower	Upper
84	100		
49	116.0	92.8	139.2
51	37.7	0.0	75.4
86	63.2	50.6	75.8

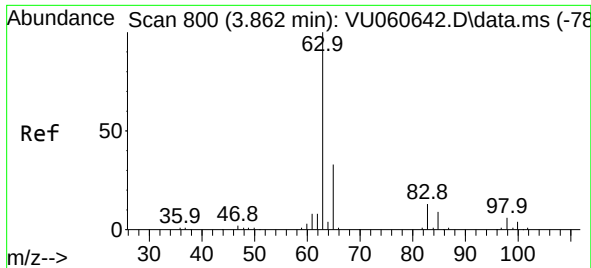


#16
trans-1,2-Dichloroethene
Concen: 9.531 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 96 Resp: 118312

Ion	Ratio	Lower	Upper
96	100		
61	141.6	113.3	169.9
98	62.5	50.0	75.0

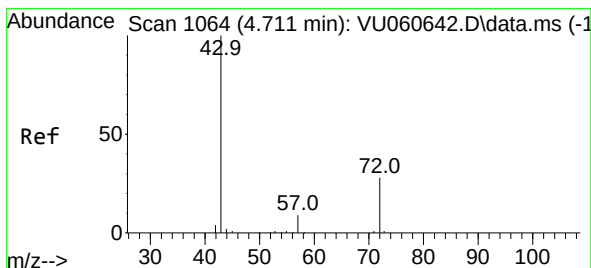
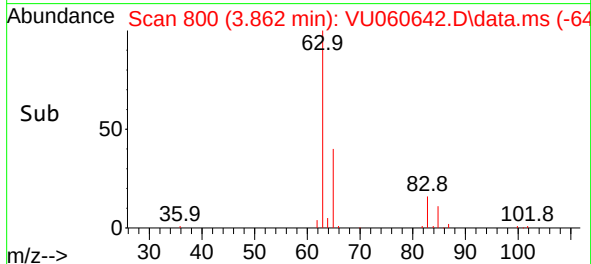
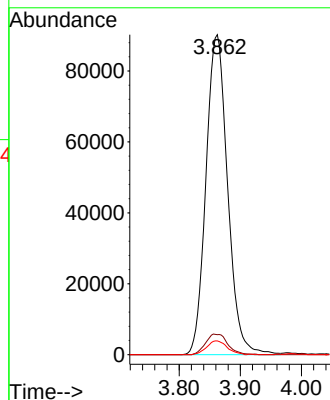
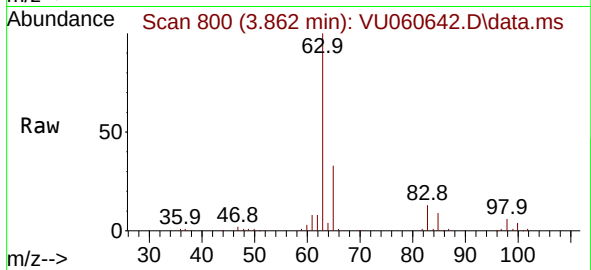




#17
 1,1-Dichloroethane
 Concen: 9.311 ug/l
 RT: 3.862 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

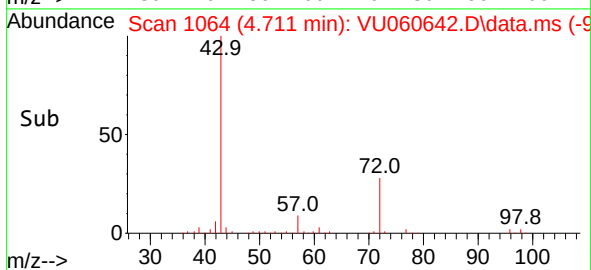
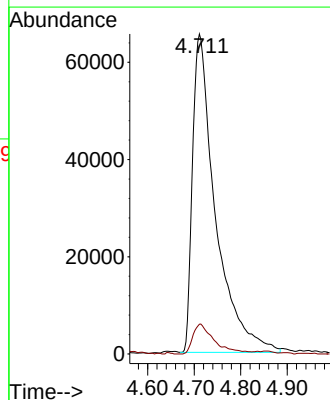
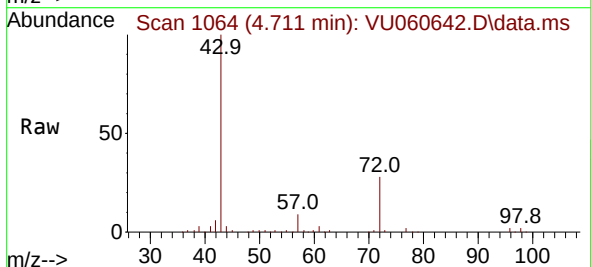
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

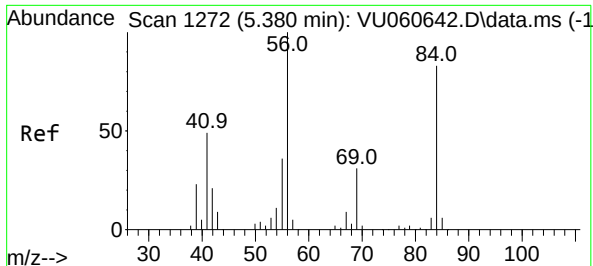
Tgt Ion: 63 Resp: 222155
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.3 2.1 6.5



#18
 2-Butanone
 Concen: 50.591 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

Tgt Ion: 43 Resp: 224396
 Ion Ratio Lower Upper
 43 100
 57 9.4 0.0 18.8





#19

Cyclohexane

Concen: 9.407 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

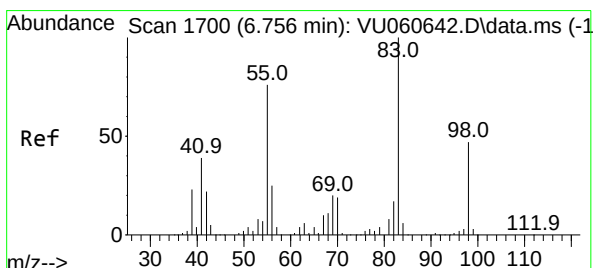
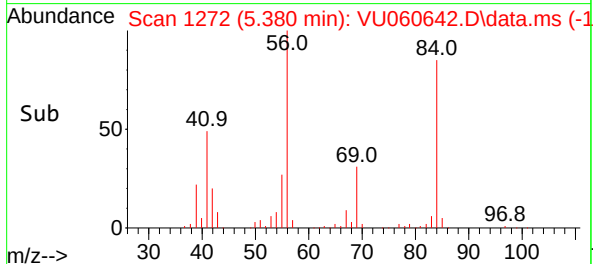
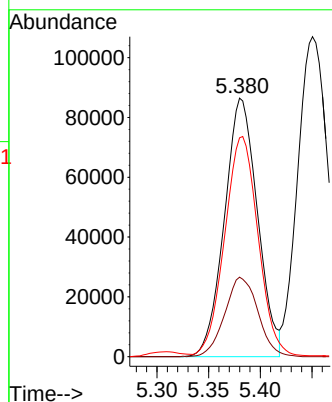
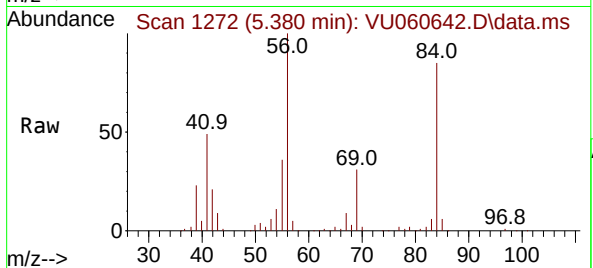
Tgt Ion: 56 Resp: 192586

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 84.5 67.6 101.4



#20

Methylcyclohexane

Concen: 11.914 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

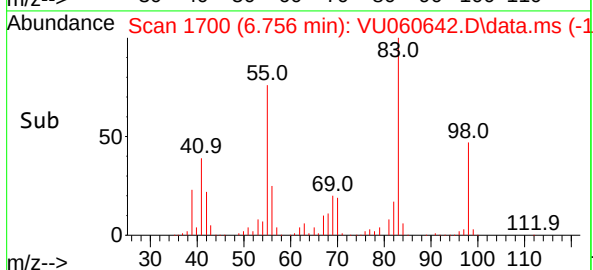
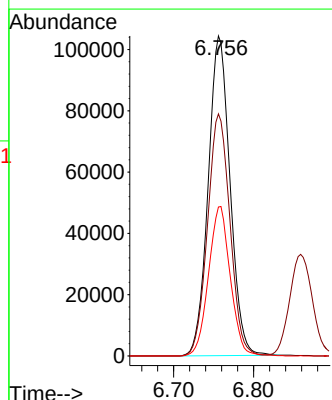
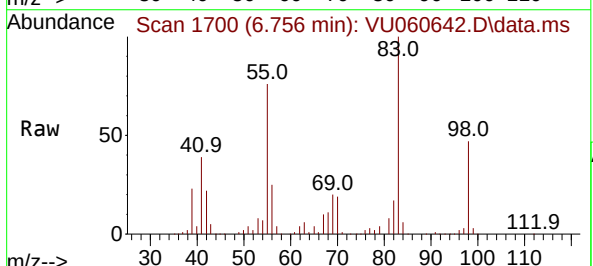
Tgt Ion: 83 Resp: 198101

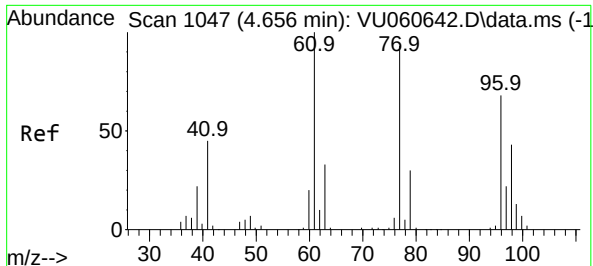
Ion Ratio Lower Upper

83 100

55 77.0 61.6 92.4

98 46.6 37.3 55.9





#21

2,2-Dichloropropane

Concen: 9.795 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

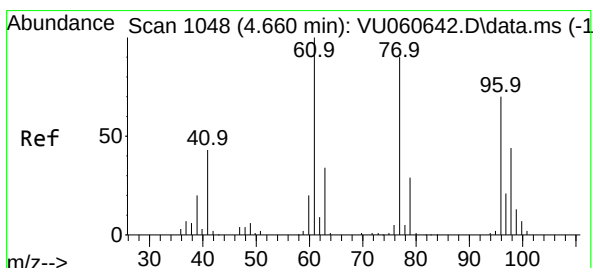
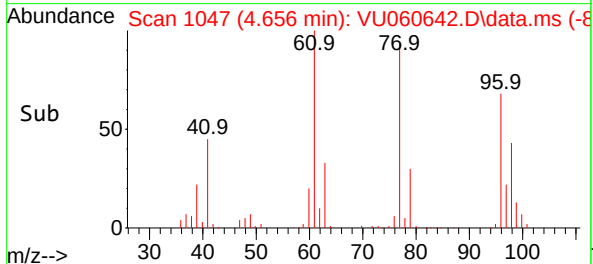
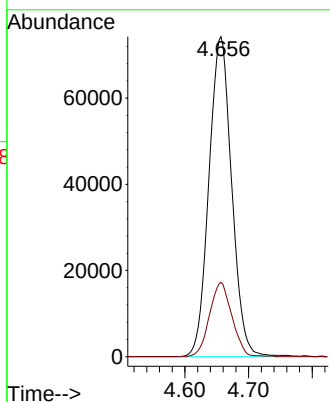
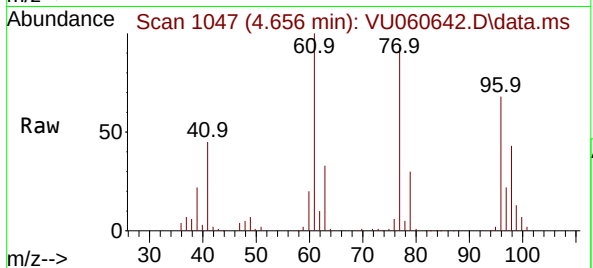
VSTDICCC010

Tgt Ion: 77 Resp: 184313

Ion Ratio Lower Upper

77 100

97 22.9 18.3 27.5



#22

cis-1,2-Dichloroethene

Concen: 9.525 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

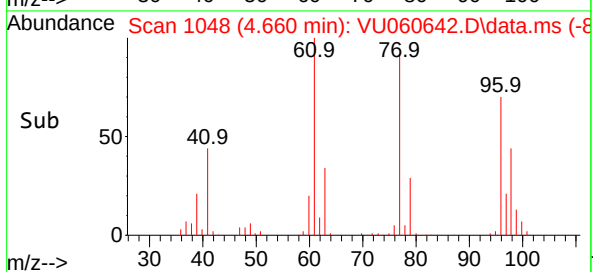
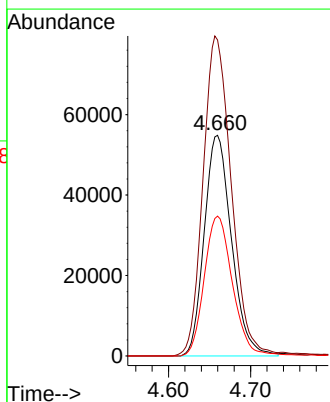
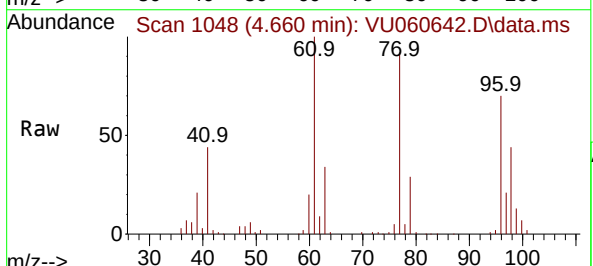
Tgt Ion: 96 Resp: 126694

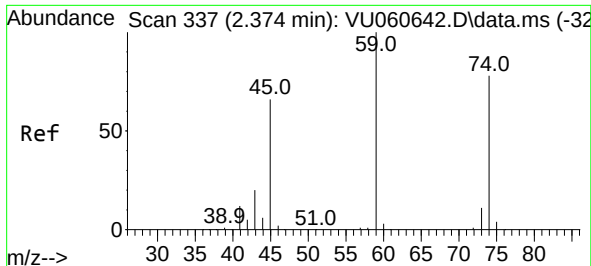
Ion Ratio Lower Upper

96 100

61 149.8 0.0 374.5

98 65.6 32.8 98.4





#23

Diethyl Ether

Concen: 9.384 ug/l

RT: 2.374 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

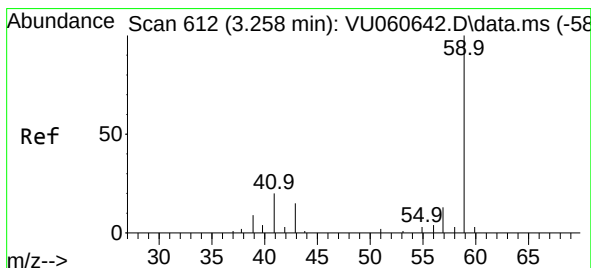
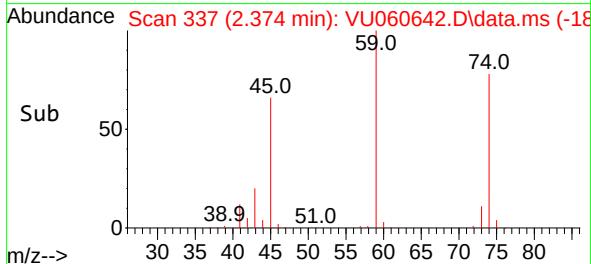
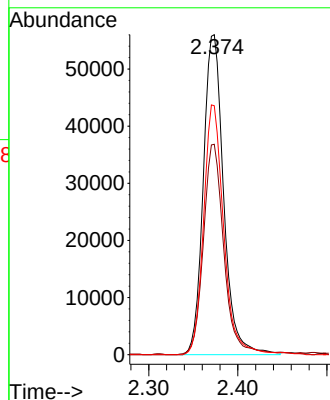
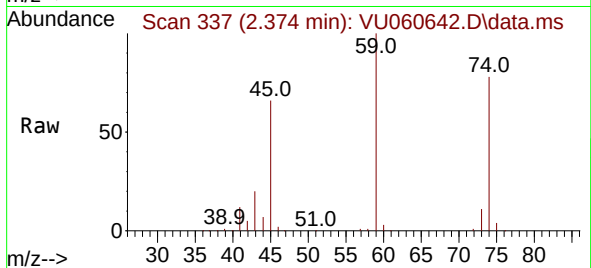
Tgt Ion: 59 Resp: 88782

Ion Ratio Lower Upper

59 100

45 66.2 53.0 79.4

74 77.0 61.6 92.4



#24

tert-Butyl Alcohol

Concen: 73.177 ug/l m

RT: 3.258 min Scan# 612

Delta R.T. 0.000 min

Lab File: VU060642.D

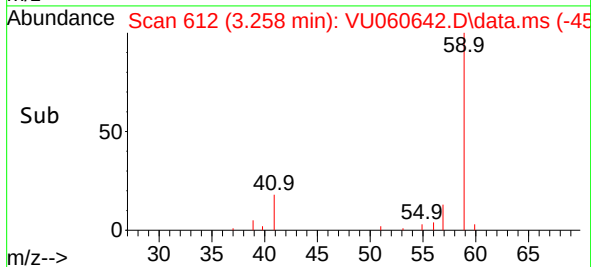
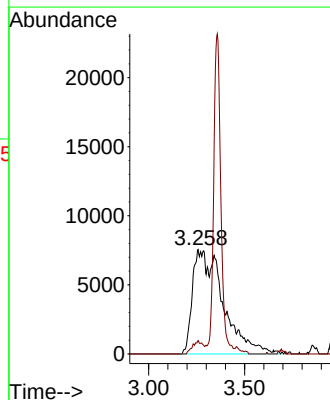
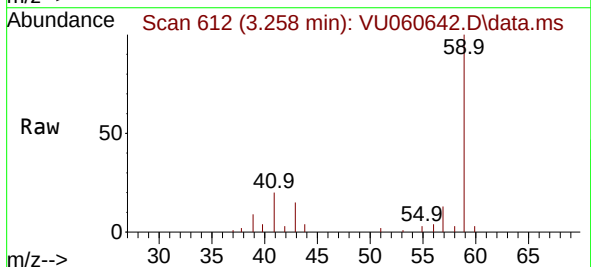
Acq: 06 Sep 2024 13:33

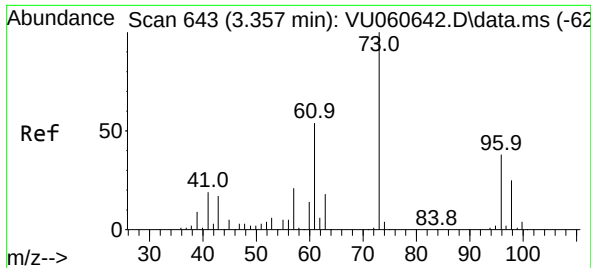
Tgt Ion: 59 Resp: 83974

Ion Ratio Lower Upper

59 100

57 2.9 2.4 3.6

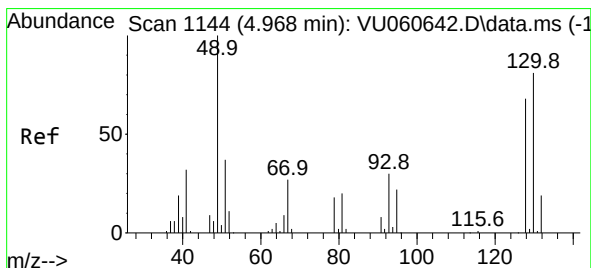
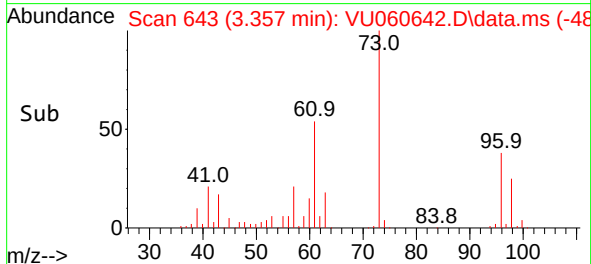
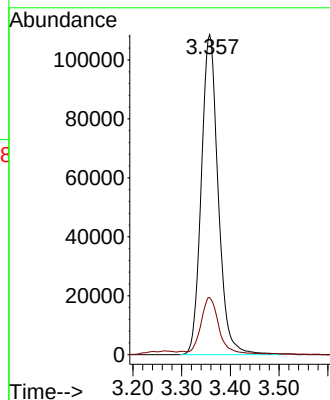
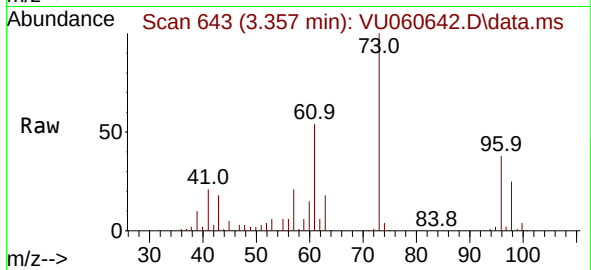




#25
Methyl tert-Butyl Ether
Concen: 9.193 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

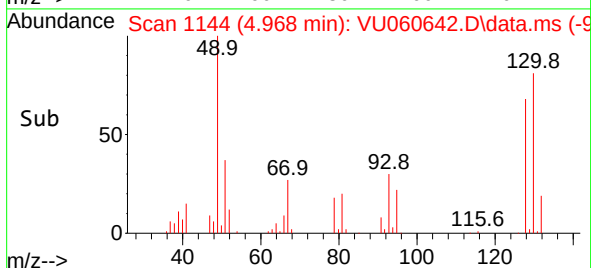
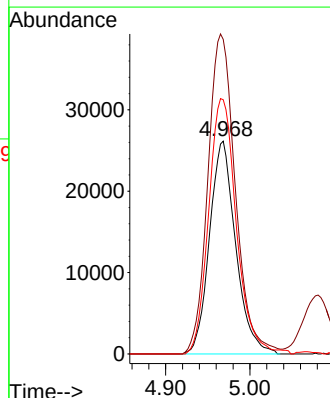
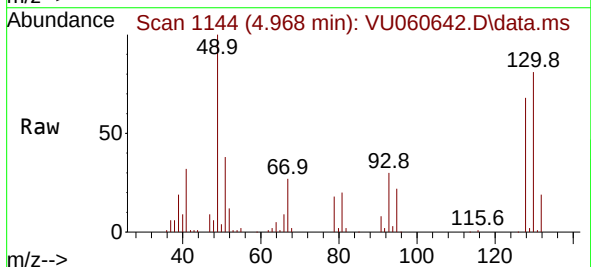
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

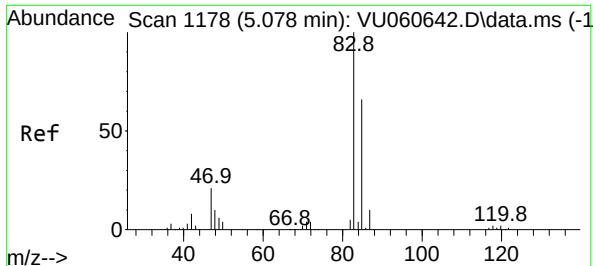
Tgt Ion: 73 Resp: 261528
Ion Ratio Lower Upper
73 100
43 18.0 14.4 21.6



#26
Bromochloromethane
Concen: 9.927 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 128 Resp: 56544
Ion Ratio Lower Upper
128 100
49 157.8 0.0 315.6
130 127.0 101.6 152.4





#27

Chloroform

Concen: 9.593 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

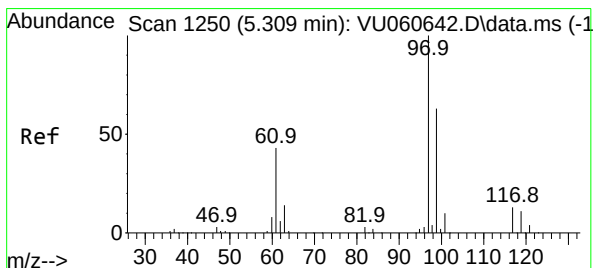
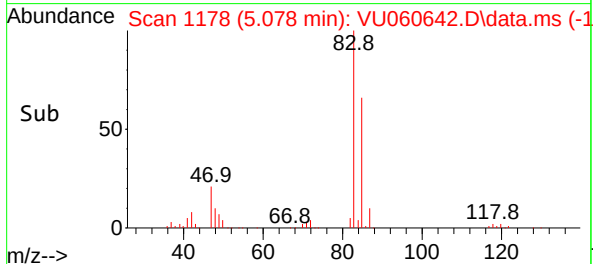
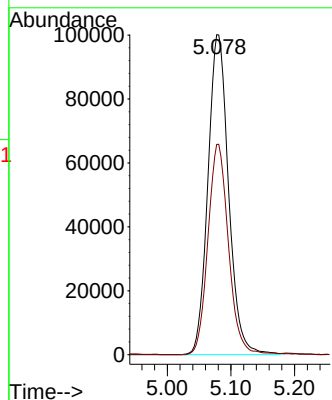
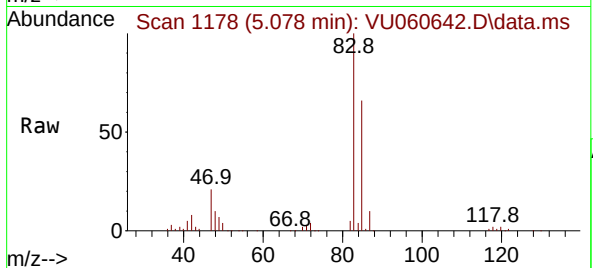
VSTDICCC010

Tgt Ion: 83 Resp: 225713

Ion Ratio Lower Upper

83 100

85 65.7 0.0 131.4



#28

1,1,1-Trichloroethane

Concen: 10.364 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

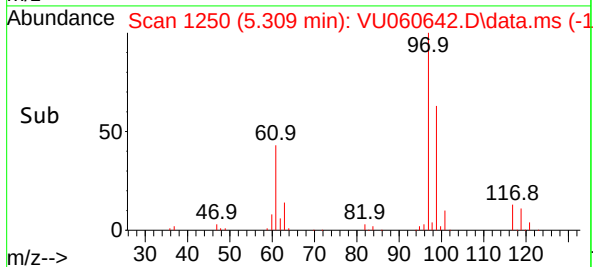
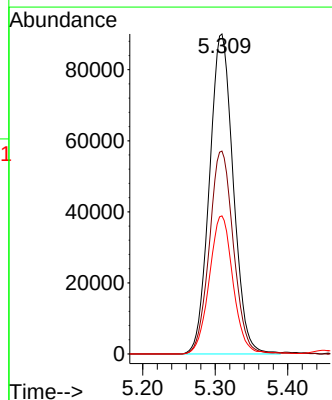
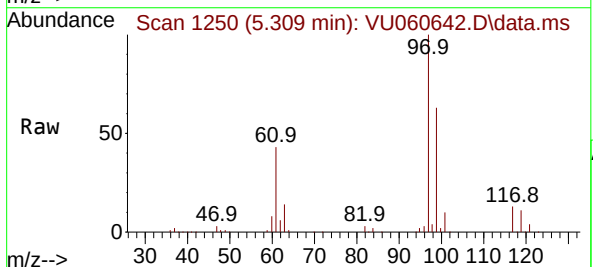
Tgt Ion: 97 Resp: 205372

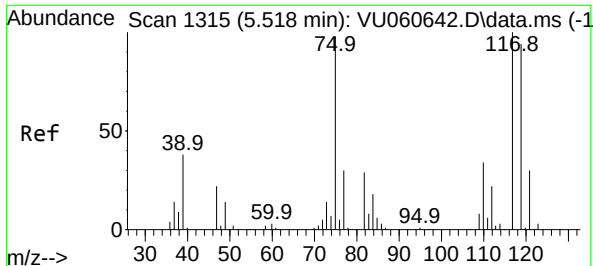
Ion Ratio Lower Upper

97 100

99 64.3 32.1 96.5

61 43.3 21.6 65.0

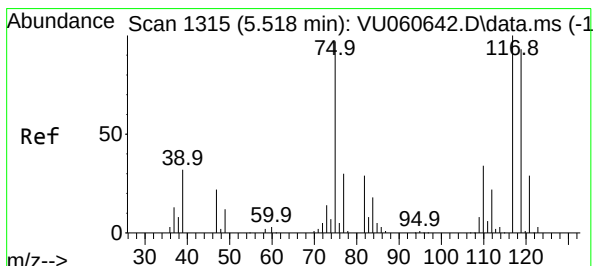
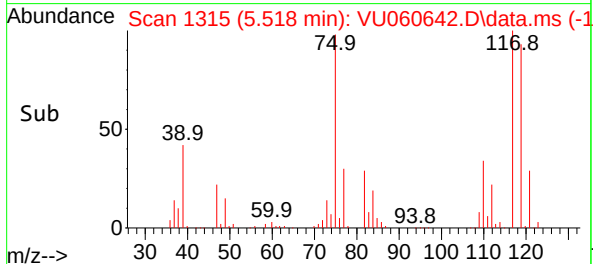
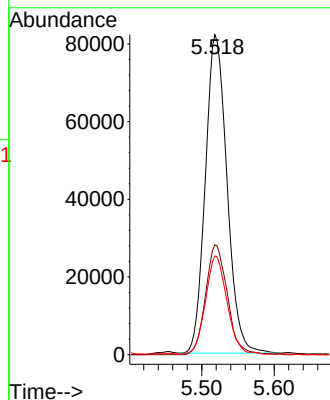
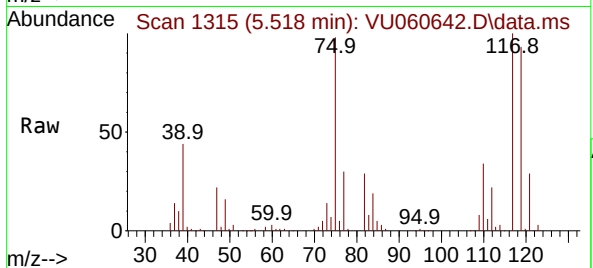




#29
1,1-Dichloropropene
Concen: 10.696 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

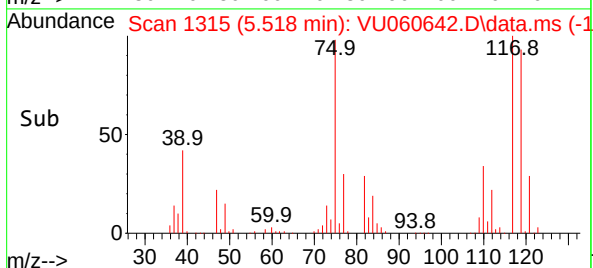
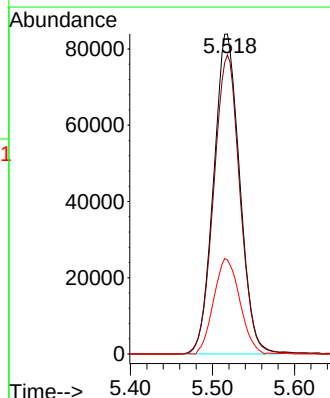
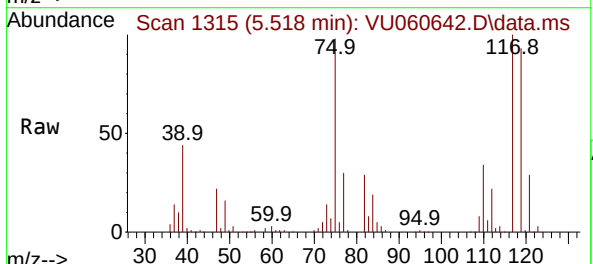
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

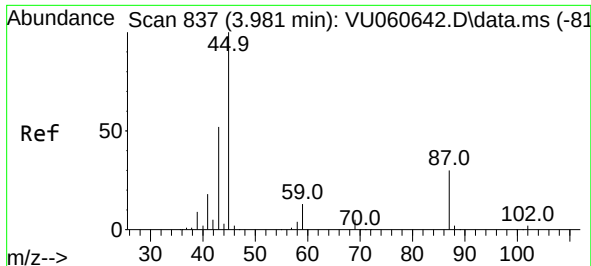
Tgt Ion: 75 Resp: 170349
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 31.2 25.0 37.4



#30
Carbon Tetrachloride
Concen: 11.300 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 117 Resp: 185179
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
121 29.5 23.6 35.4

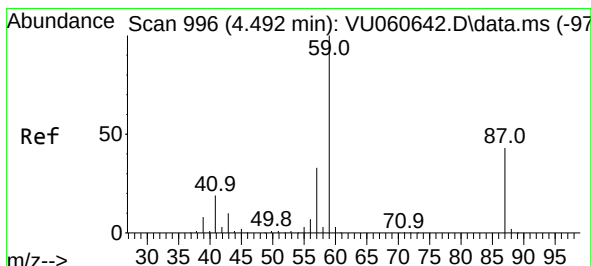
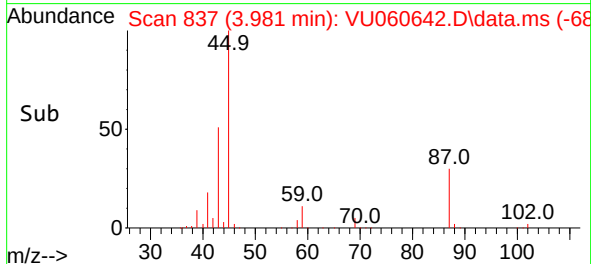
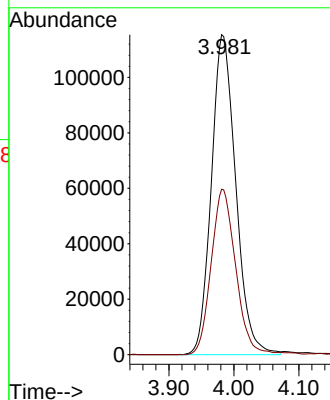
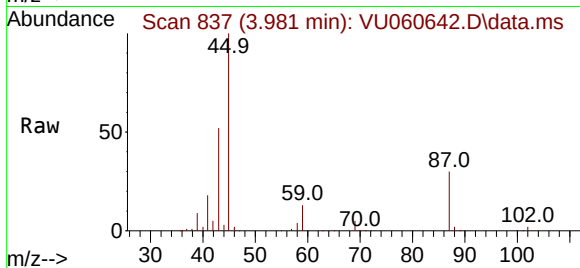




#31
Isopropyl Ether
Concen: 8.737 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

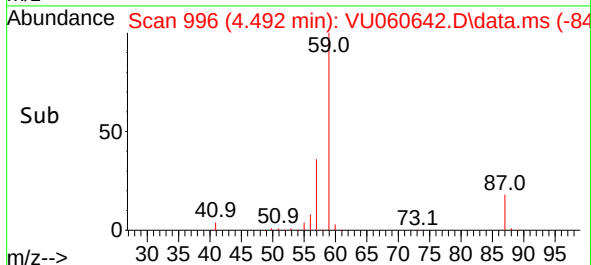
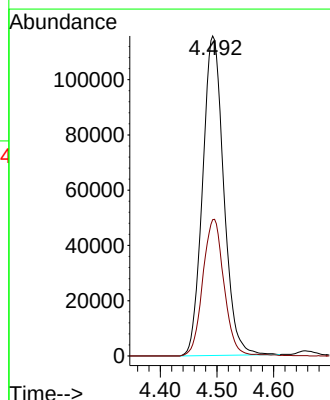
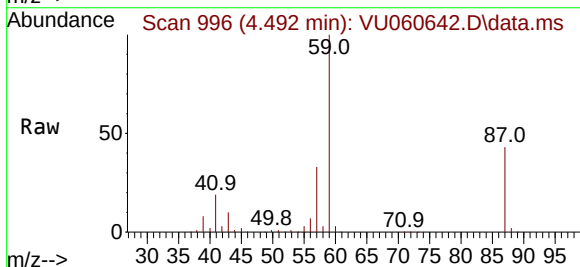
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

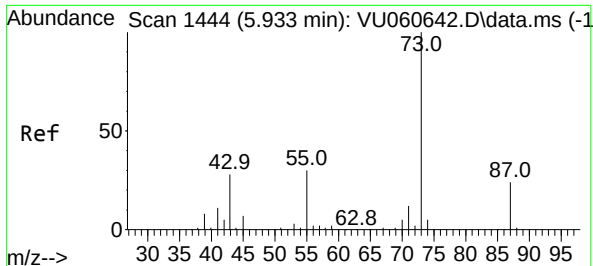
Tgt Ion: 45 Resp: 300902
Ion Ratio Lower Upper
45 100
43 51.8 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 8.949 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 59 Resp: 299411
Ion Ratio Lower Upper
59 100
87 42.0 33.6 50.4

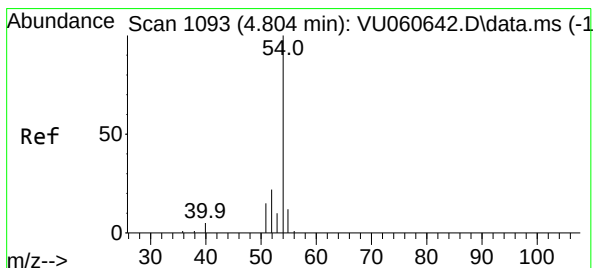
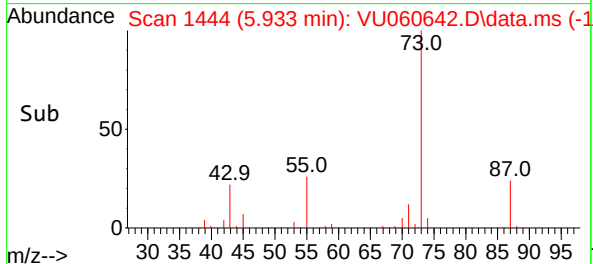
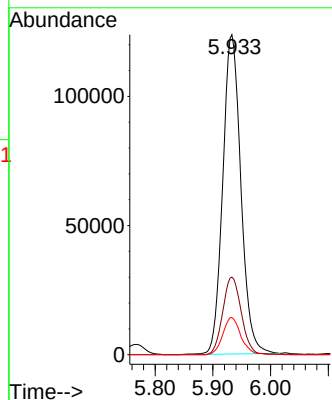
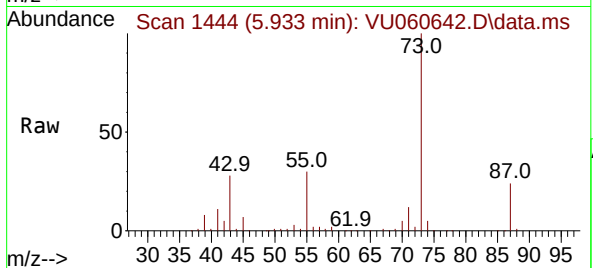




#33
Tert-Amyl methyl ether
Concen: 11.016 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

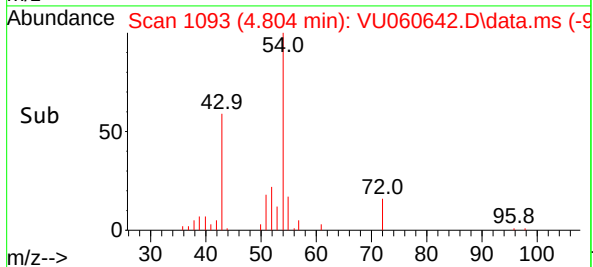
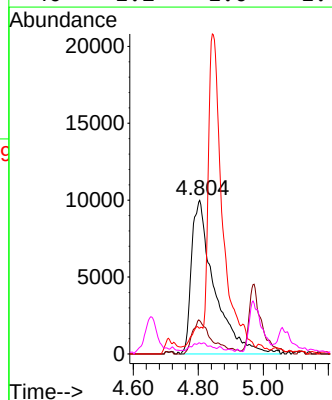
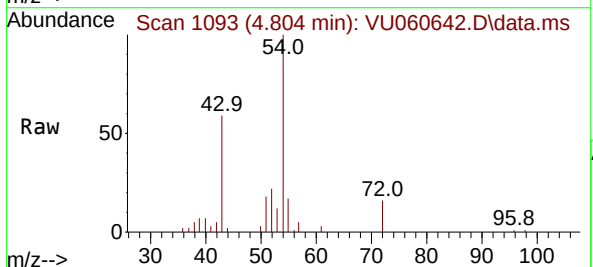
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

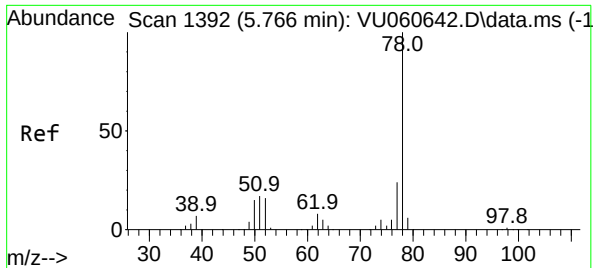
Tgt Ion: 73 Resp: 269526
Ion Ratio Lower Upper
73 100
87 24.8 19.8 29.8
71 11.5 9.2 13.8



#34
Propionitrile
Concen: 40.302 ug/l m
RT: 4.804 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 54 Resp: 48759
Ion Ratio Lower Upper
54 100
52 15.2 12.2 18.2
55 4.4 3.5 5.3
40 1.2 1.0 1.4

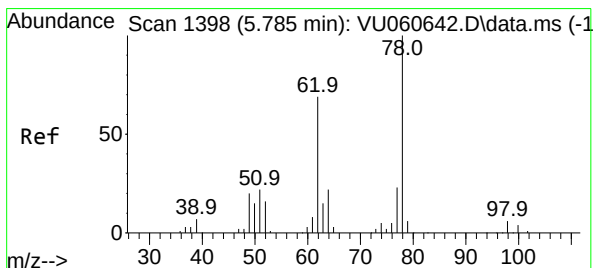
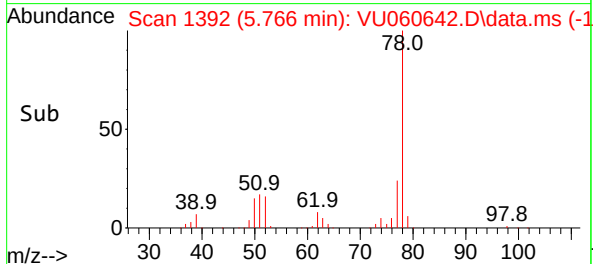
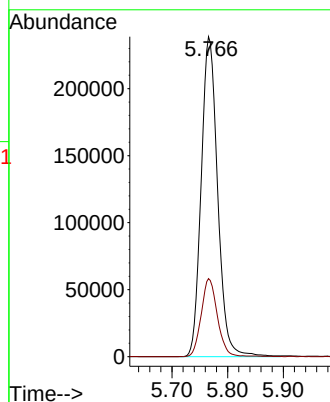
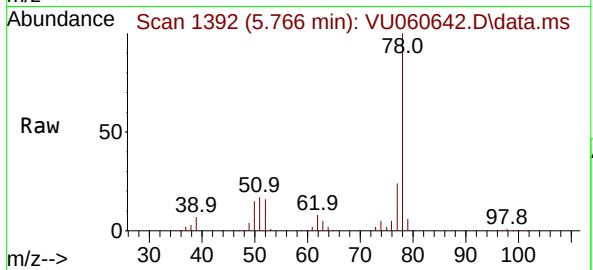




#35
Benzene
Concen: 10.167 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

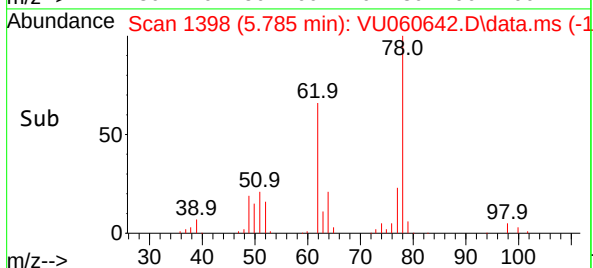
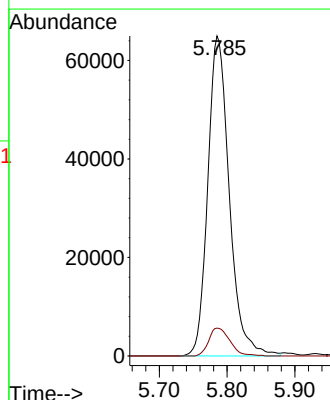
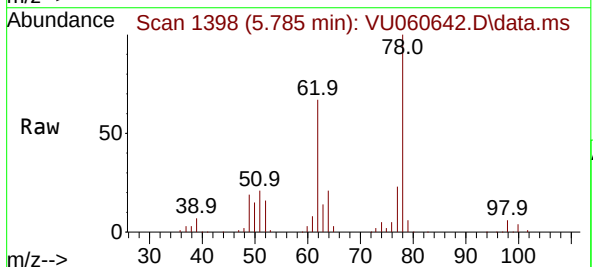
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

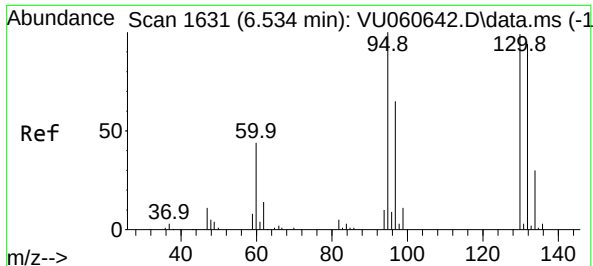
Tgt Ion: 78 Resp: 490543
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2



#36
1,2-Dichloroethane
Concen: 10.499 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 62 Resp: 143218
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3





#37

Trichloroethene

Concen: 10.511 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

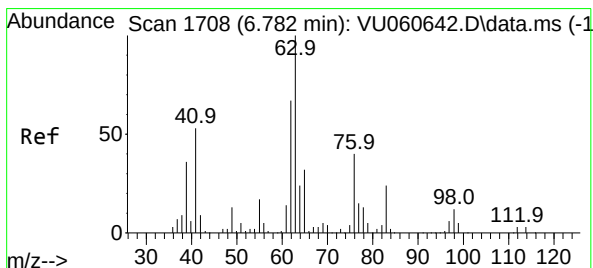
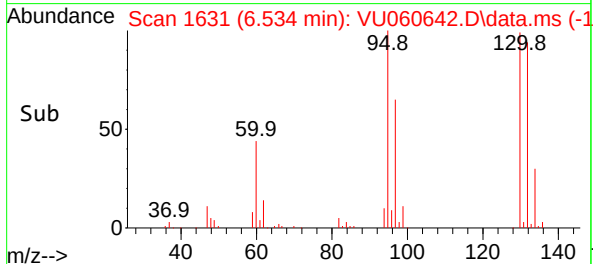
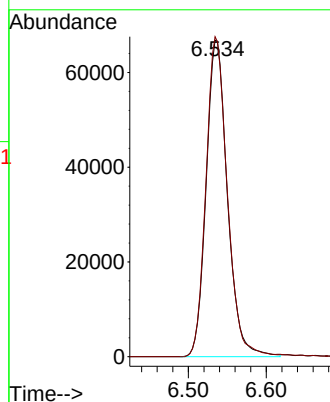
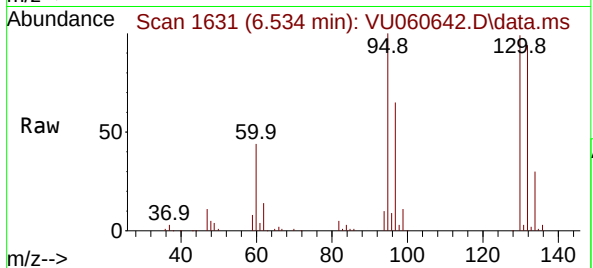
VSTDICCC010

Tgt Ion:130 Resp: 126650

Ion Ratio Lower Upper

130 100

95 101.1 80.9 121.3



#38

1,2-Dichloropropane

Concen: 10.065 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VU060642.D

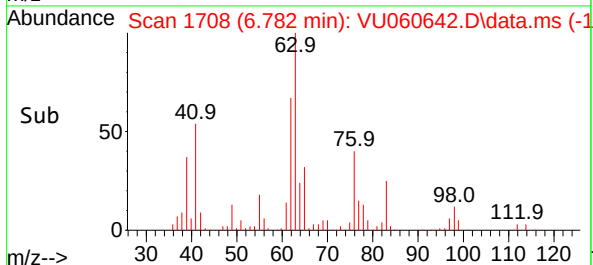
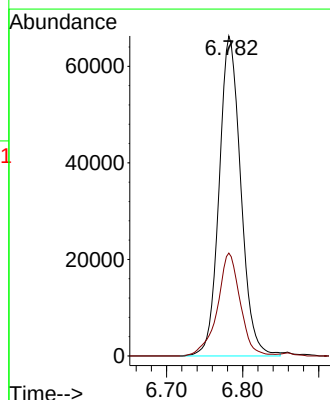
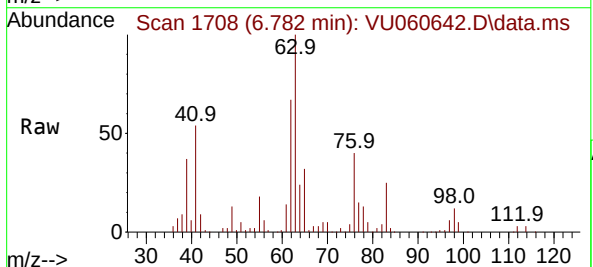
Acq: 06 Sep 2024 13:33

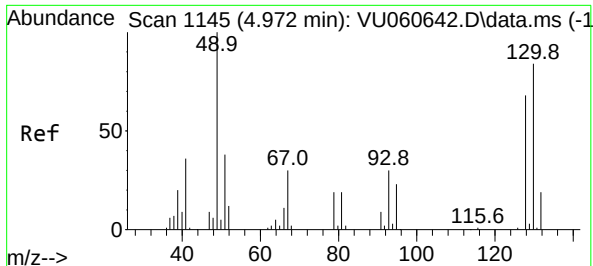
Tgt Ion: 63 Resp: 131133

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.6

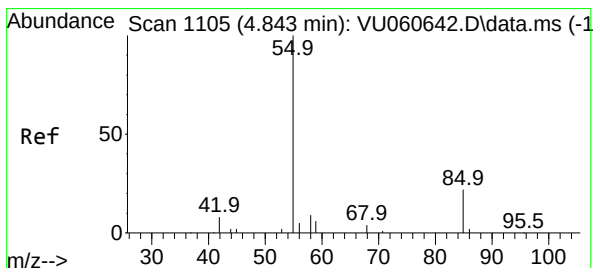
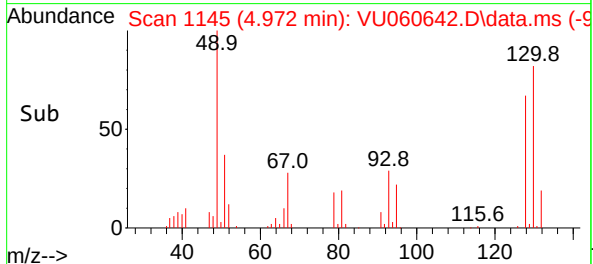
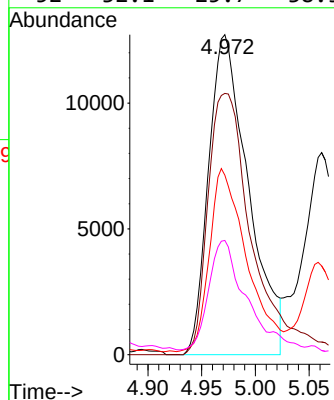
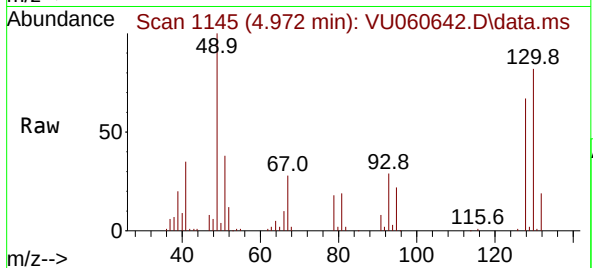




#39
Methacrylonitrile
Concen: 7.576 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

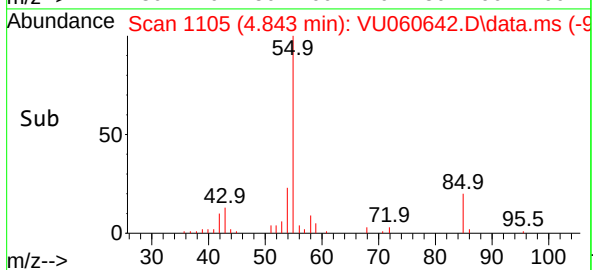
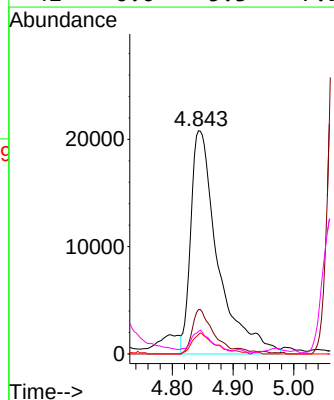
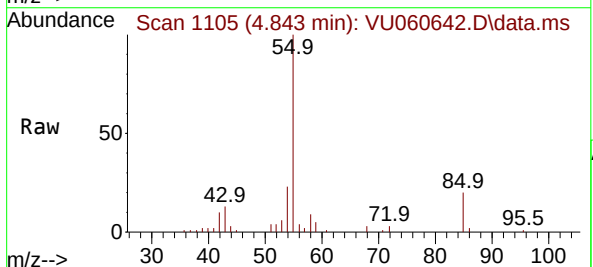
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

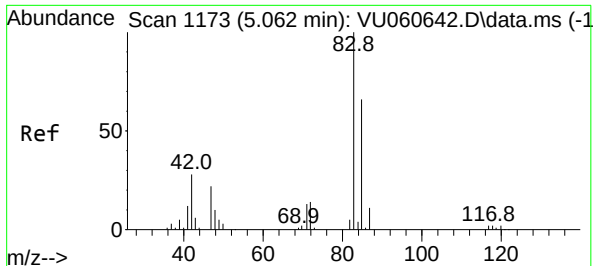
Tgt Ion: 41	Resp: 32767
Ion Ratio	Lower Upper
41 100	
67 90.8	72.6 109.0
39 53.5	42.8 64.2
52 32.1	25.7 38.5



#40
Methyl acrylate
Concen: 8.367 ug/l m
RT: 4.843 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 55	Resp: 64343
Ion Ratio	Lower Upper
55 100	
85 15.2	12.2 18.4
58 7.9	6.3 9.5
42 6.6	5.3 7.9





#41

Tetrahydrofuran

Concen: 14.799 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

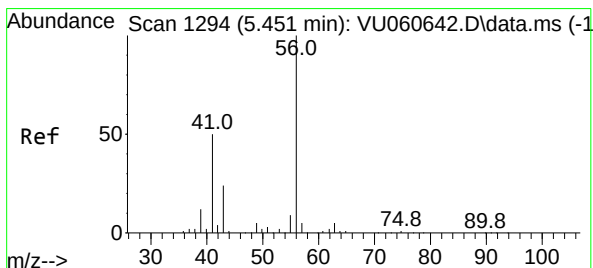
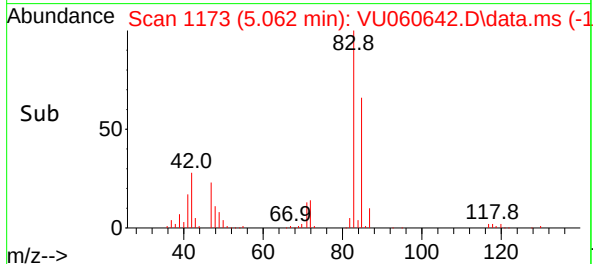
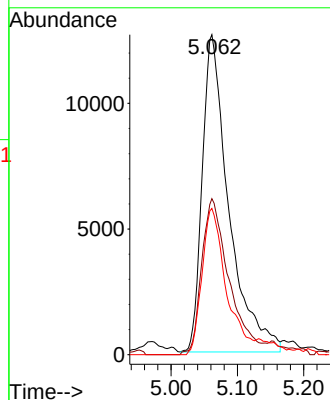
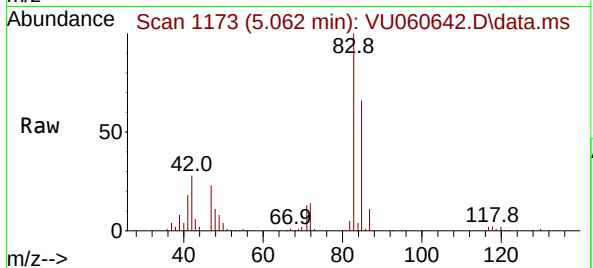
Tgt Ion: 42 Resp: 35153

Ion Ratio Lower Upper

42 100

72 50.5 40.4 60.6

71 42.2 33.8 50.6



#42

1-Chlorobutane

Concen: 10.340 ug/l

RT: 5.451 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VU060642.D

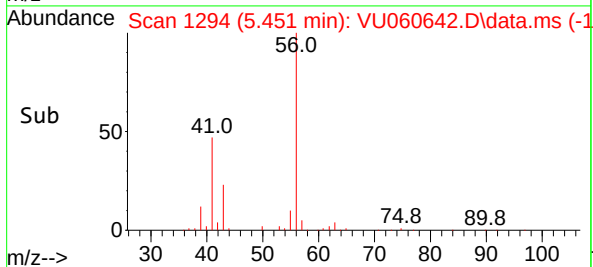
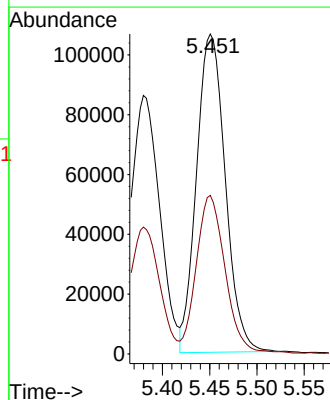
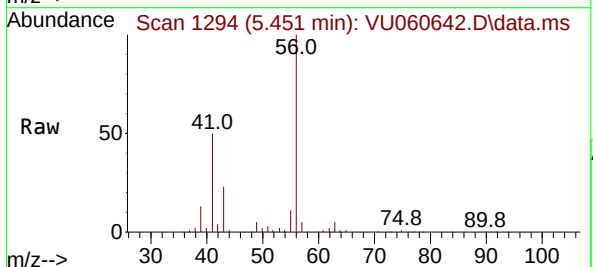
Acq: 06 Sep 2024 13:33

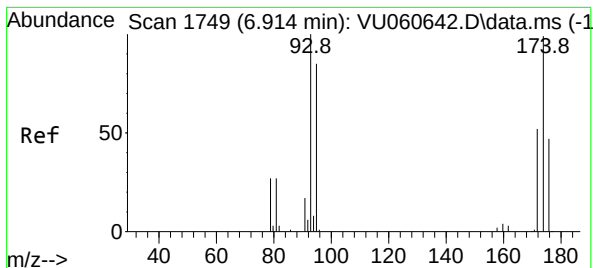
Tgt Ion: 56 Resp: 225111

Ion Ratio Lower Upper

56 100

41 49.7 24.9 74.6





#43

Dibromomethane

Concen: 9.672 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

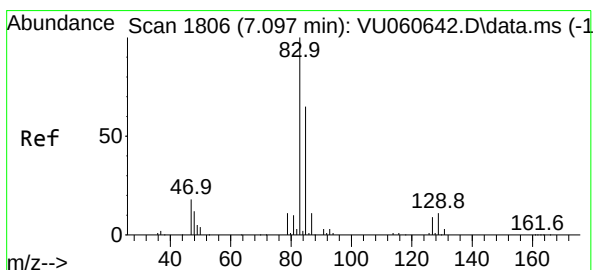
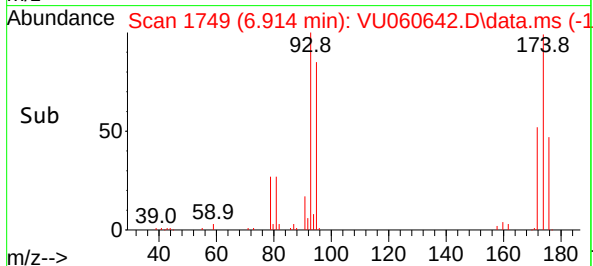
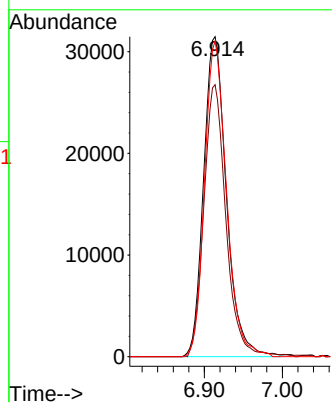
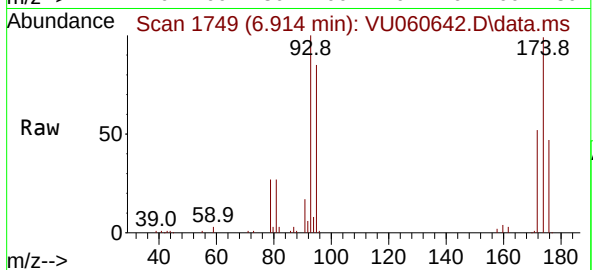
Tgt Ion: 93 Resp: 63796

Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 95.3 76.2 114.4



#44

Bromodichloromethane

Concen: 10.179 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

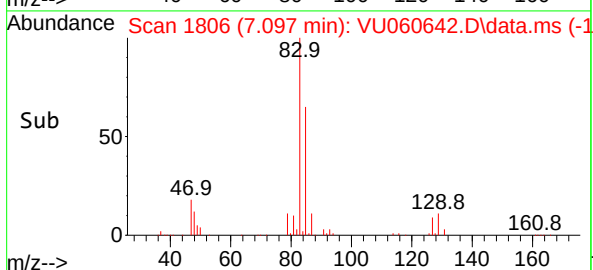
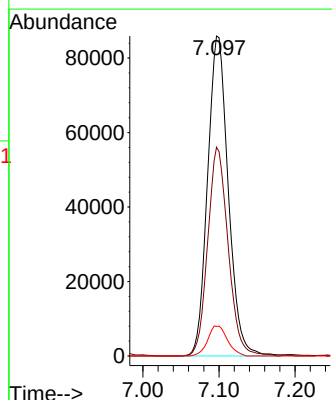
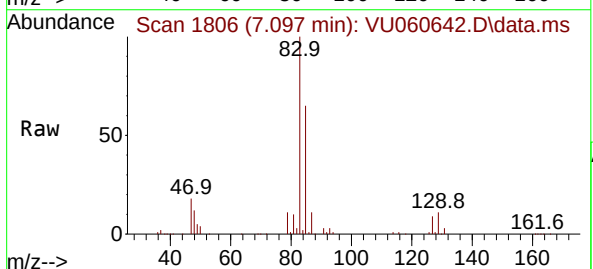
Tgt Ion: 83 Resp: 162351

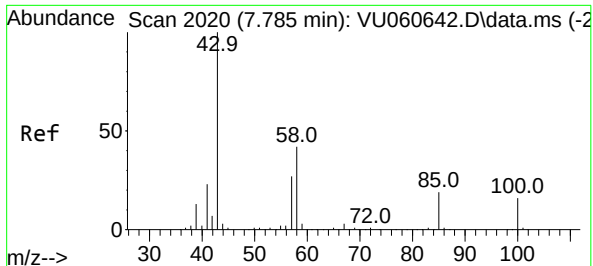
Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

127 10.1 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 53.876 ug/l

RT: 7.785 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

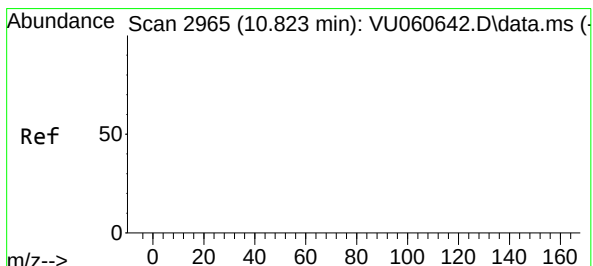
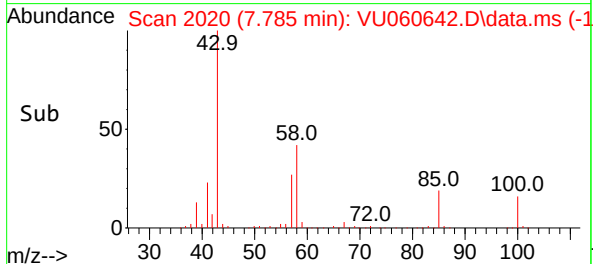
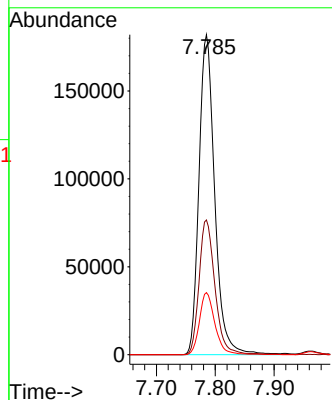
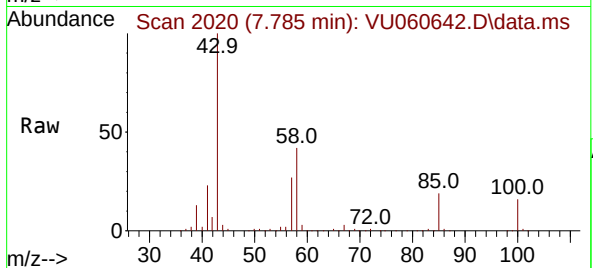
Tgt Ion: 43 Resp: 338138

Ion Ratio Lower Upper

43 100

58 42.4 21.2 63.6

85 19.0 15.2 22.8



#46

t-1,4-Dichloro-2-butene

Concen: 20.535 ug/l m

RT: 10.823 min Scan# 2965

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Tgt Ion: 75 Resp: 71444

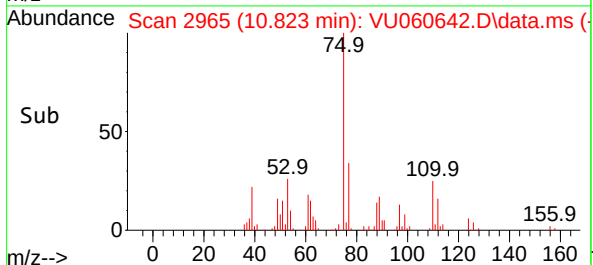
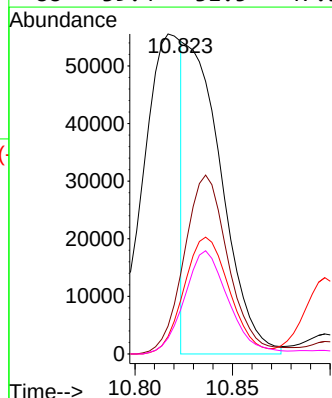
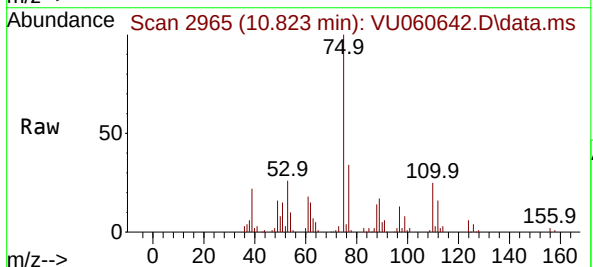
Ion Ratio Lower Upper

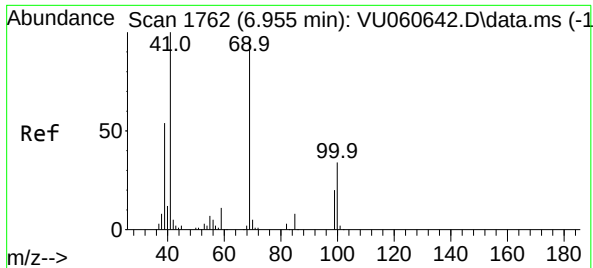
75 100

53 69.4 55.5 83.3

89 46.0 36.8 55.2

88 39.4 31.5 47.3



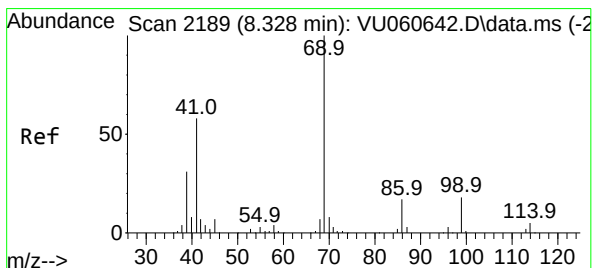
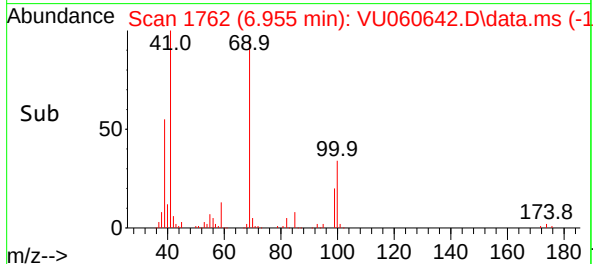
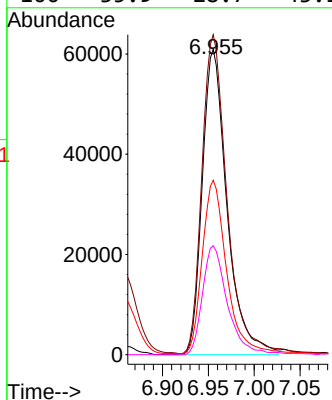
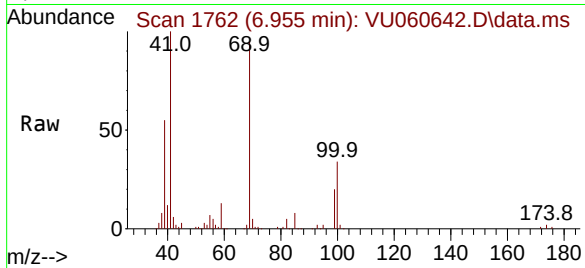


#47
Methyl methacrylate
Concen: 21.386 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 114304

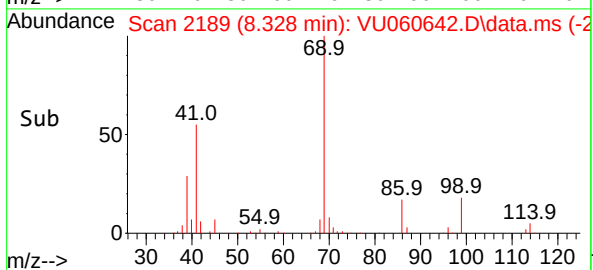
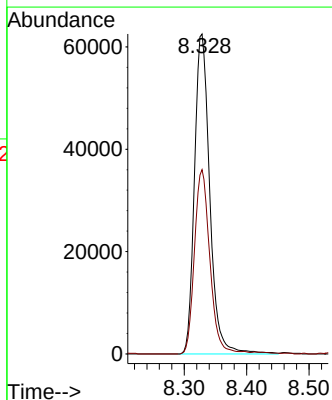
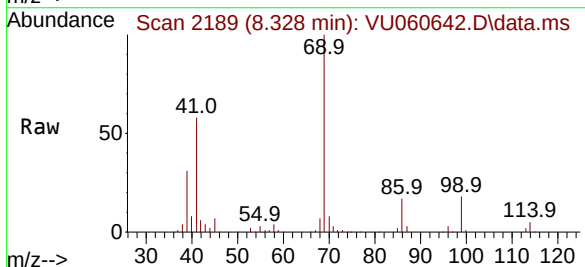
Ion	Ratio	Lower	Upper
69	100		
41	105.9	0.0	211.8
39	56.4	45.1	67.7
100	35.9	28.7	43.1

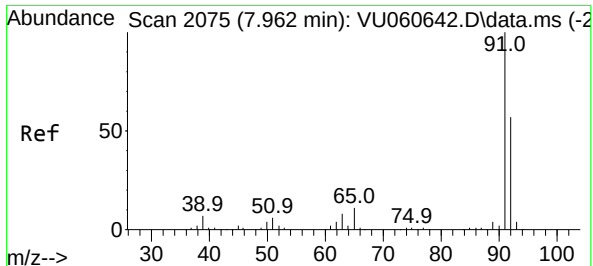


#48
Ethyl methacrylate
Concen: 11.587 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 69 Resp: 106460

Ion	Ratio	Lower	Upper
69	100		
41	57.8	28.9	86.7

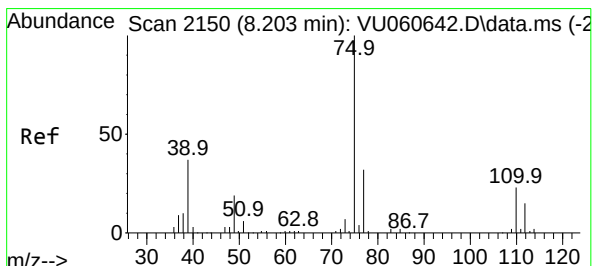
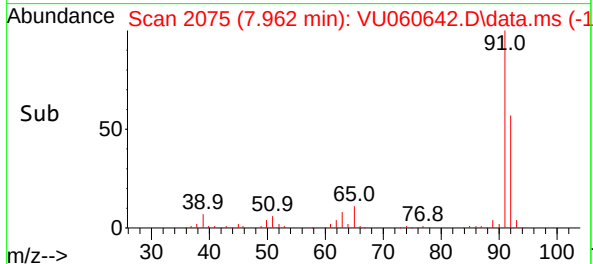
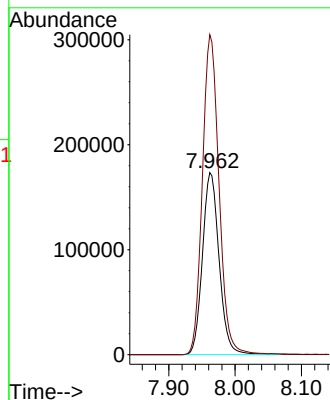
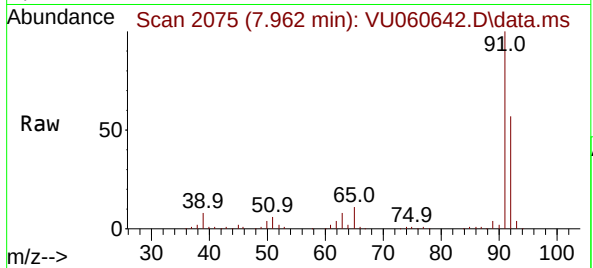




#49
Toluene
Concen: 11.290 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

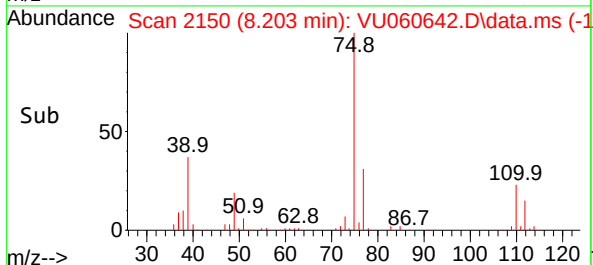
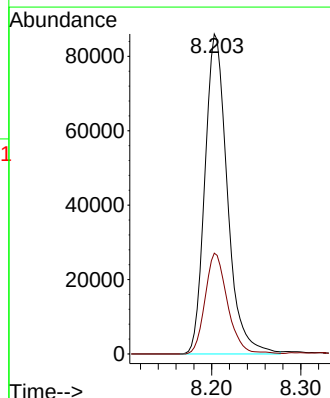
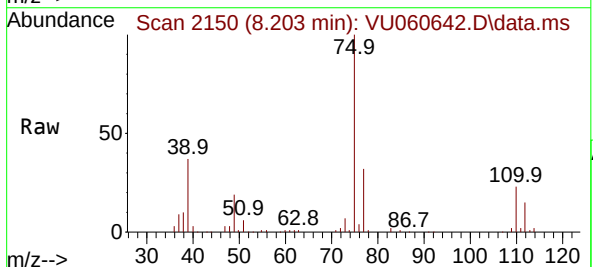
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

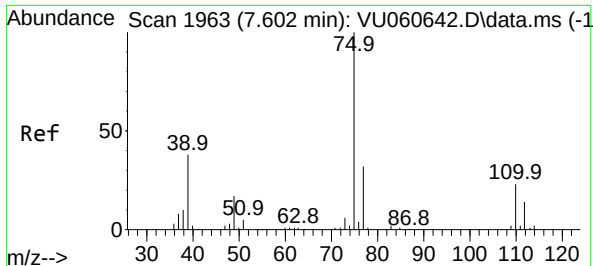
Tgt Ion: 92 Resp: 302290
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6



#50
t-1,3-Dichloropropene
Concen: 11.321 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 75 Resp: 150277
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

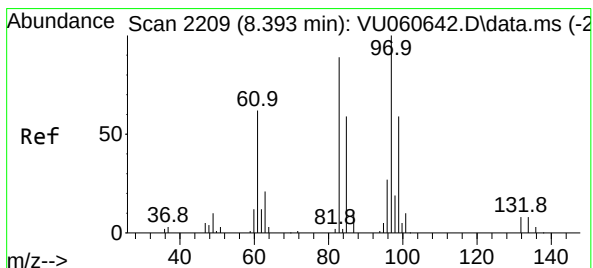
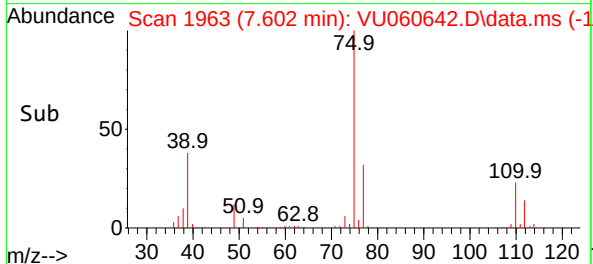
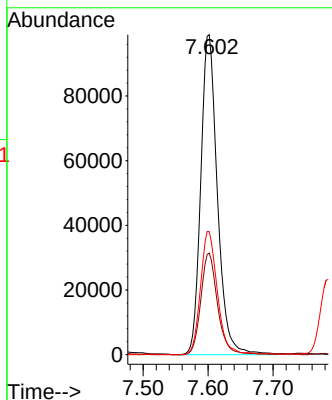
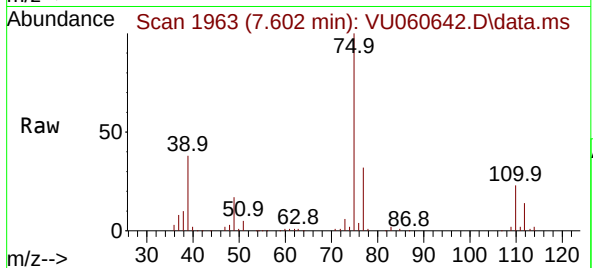




#51
 cis-1,3-Dichloropropene
 Concen: 11.077 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

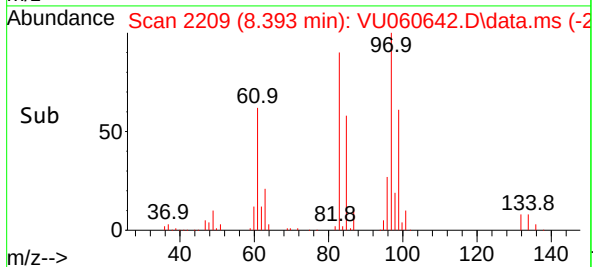
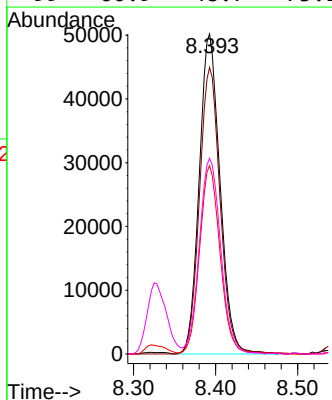
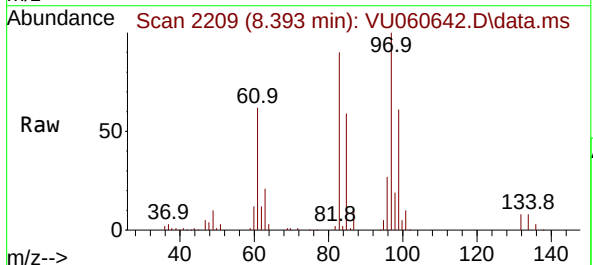
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

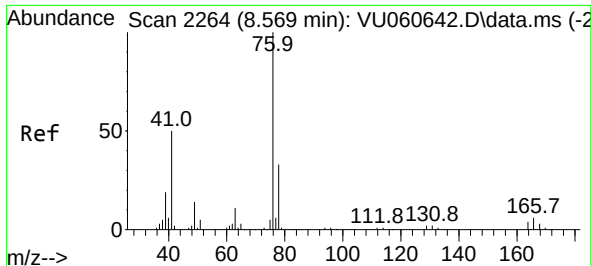
Tgt Ion: 75 Resp: 176624
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 38.4 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 9.185 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

Tgt Ion: 97 Resp: 88204
 Ion Ratio Lower Upper
 97 100
 83 89.3 71.4 107.2
 85 58.6 46.9 70.3
 99 60.9 48.7 73.1





#53

1,3-Dichloropropane

Concen: 10.035 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

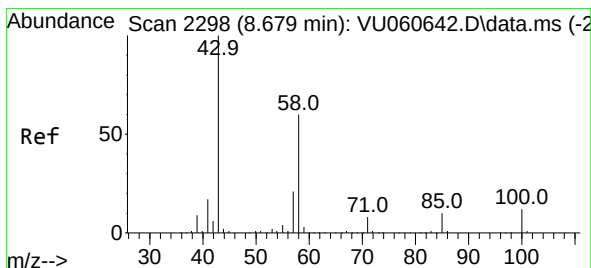
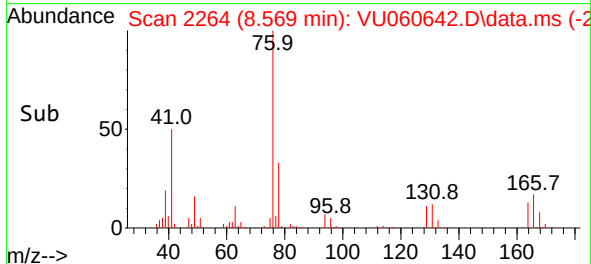
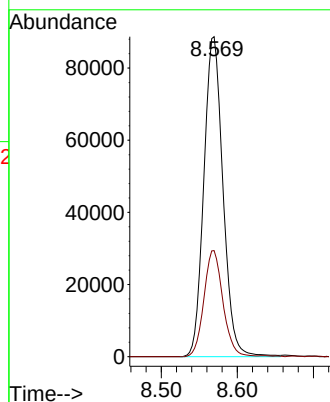
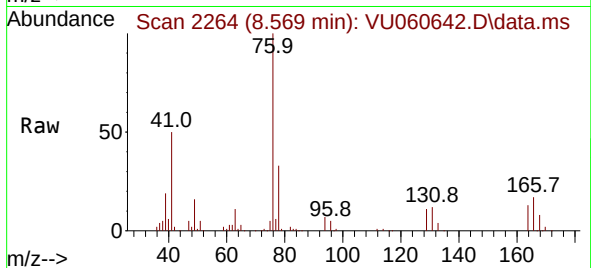
VSTDICCC010

Tgt Ion: 76 Resp: 155133

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#54

2-Hexanone

Concen: 63.044 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

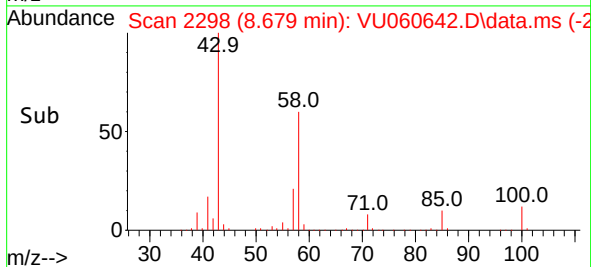
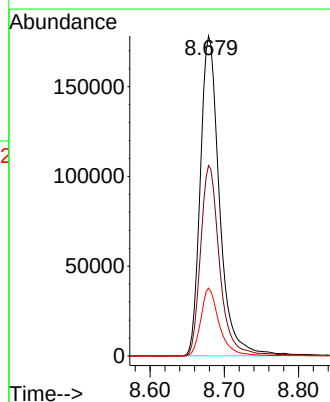
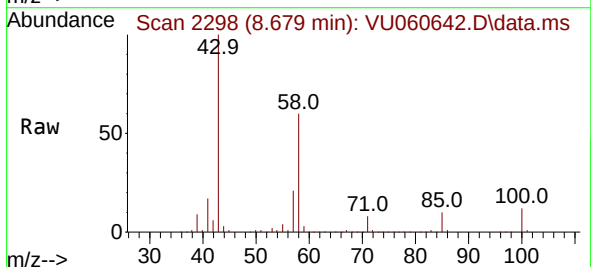
Tgt Ion: 43 Resp: 319354

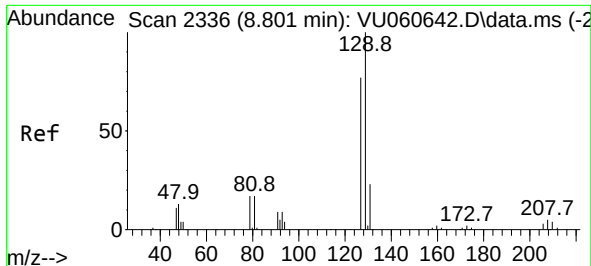
Ion Ratio Lower Upper

43 100

58 59.5 39.5 79.5

57 20.5 0.5 40.5

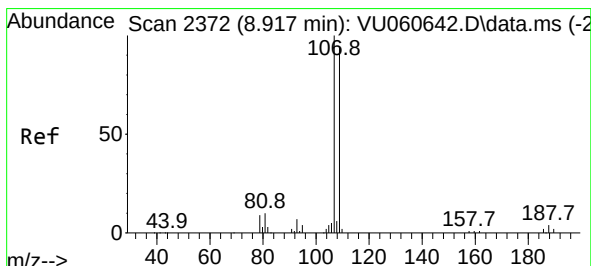
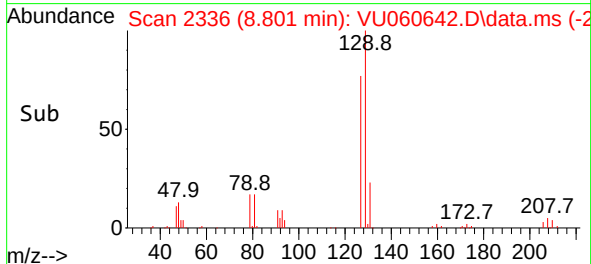
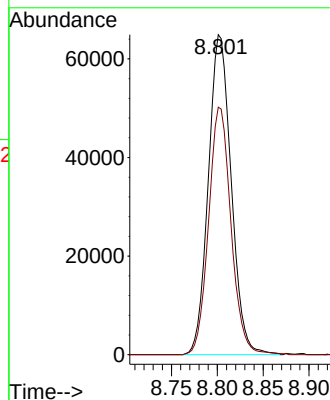
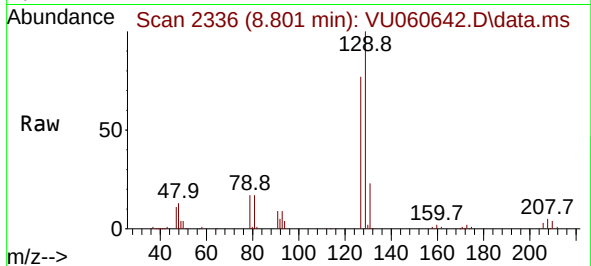




#55
Dibromochloromethane
Concen: 10.497 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

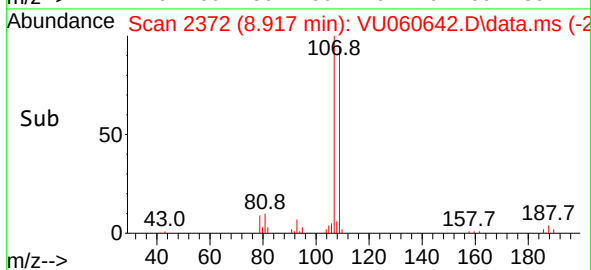
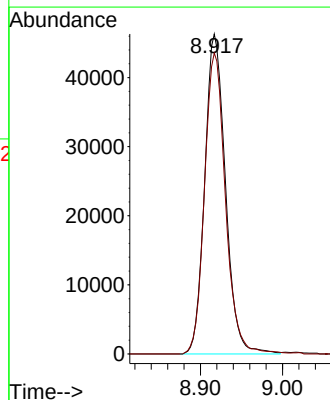
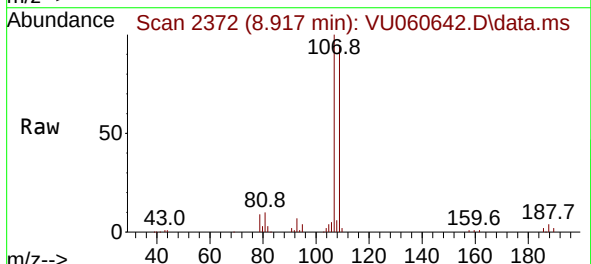
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

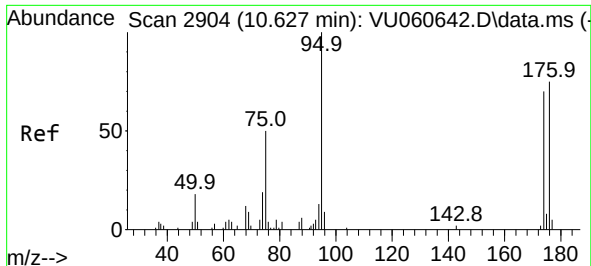
Tgt Ion:129 Resp: 112693
Ion Ratio Lower Upper
129 100
127 75.8 60.6 91.0



#56
1,2-Dibromoethane
Concen: 9.451 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:107 Resp: 81339
Ion Ratio Lower Upper
107 100
109 95.3 0.0 190.6

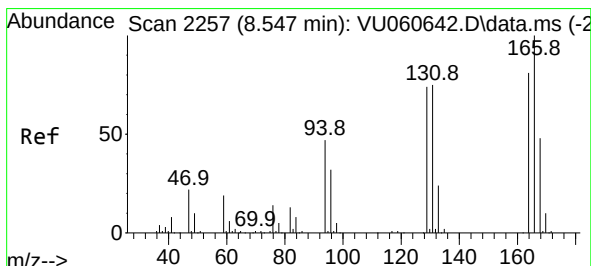
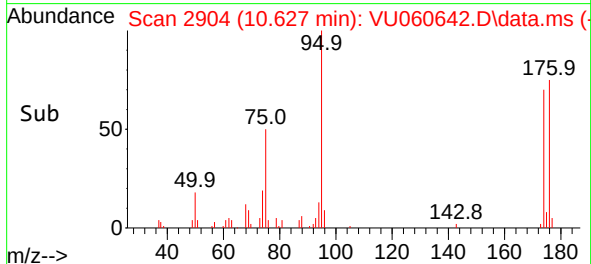
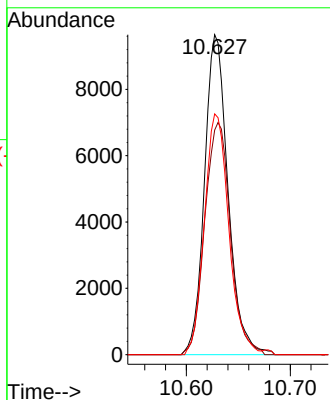
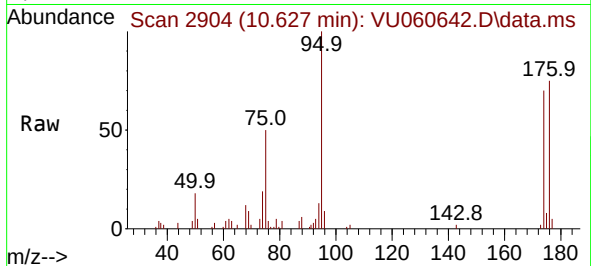




#57
 4-Bromofluorobenzene
 Concen: 1.130 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

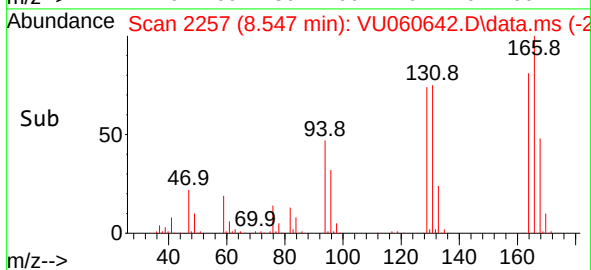
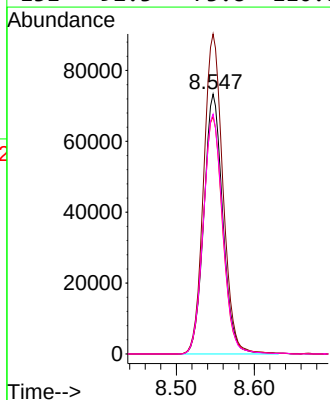
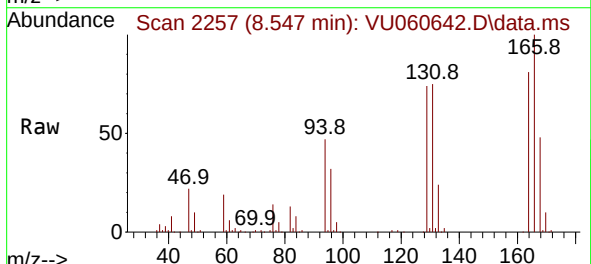
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

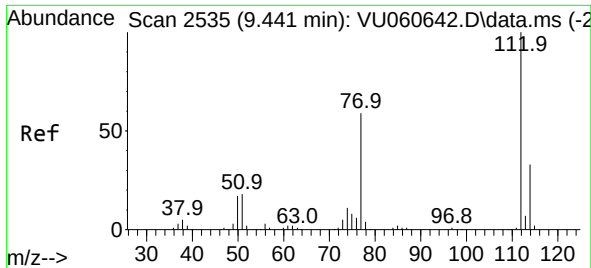
Tgt Ion: 95 Resp: 15178
 Ion Ratio Lower Upper
 95 100
 174 79.0 63.2 94.8
 176 78.5 62.8 94.2



#58
 Tetrachloroethene
 Concen: 11.308 ug/l
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

Tgt Ion: 164 Resp: 123410
 Ion Ratio Lower Upper
 164 100
 166 123.1 98.5 147.7
 129 91.3 73.0 109.6
 131 92.3 73.8 110.8

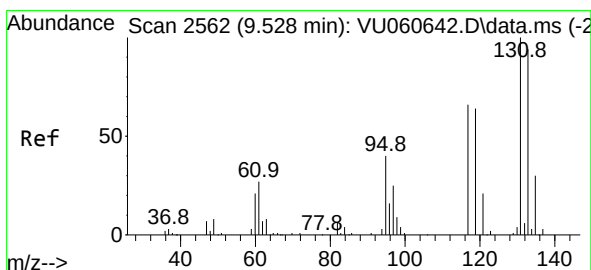
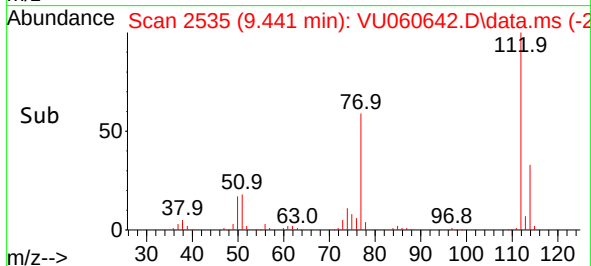
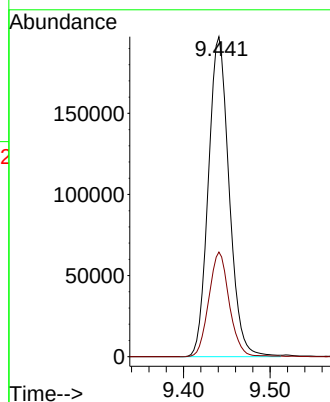
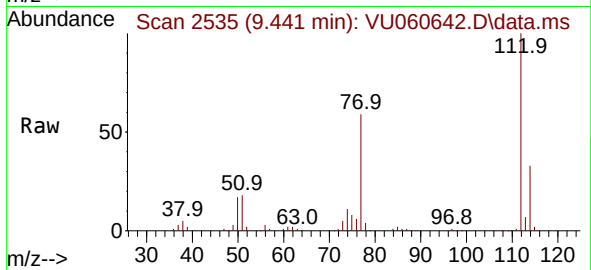




#59
Chlorobenzene
Concen: 11.233 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

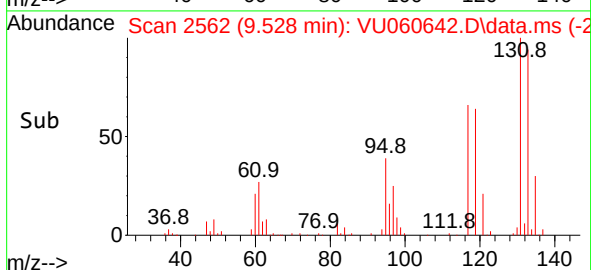
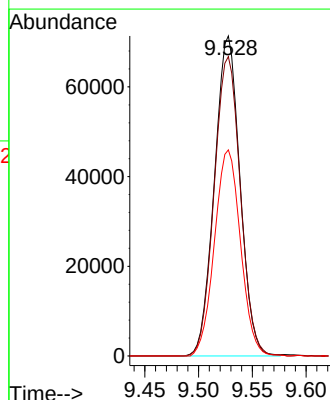
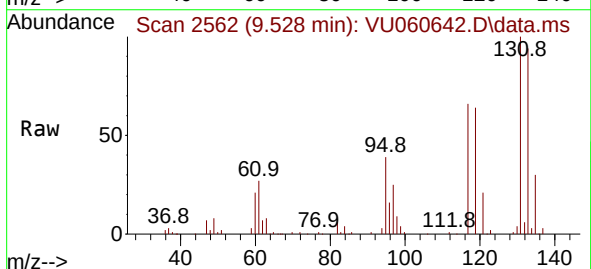
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

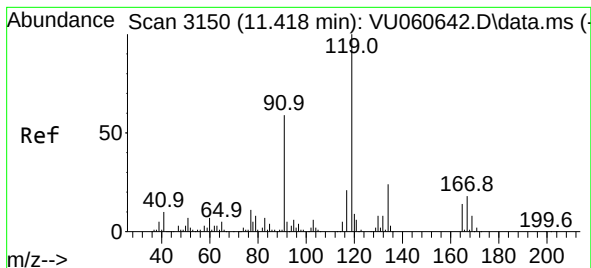
Tgt Ion:112 Resp: 328802
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#60
1,1,1,2-Tetrachloroethane
Concen: 10.274 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:131 Resp: 117937
Ion Ratio Lower Upper
131 100
133 95.9 76.7 115.1
119 65.8 52.6 79.0





#61

Pentachloroethane

Concen: 9.560 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

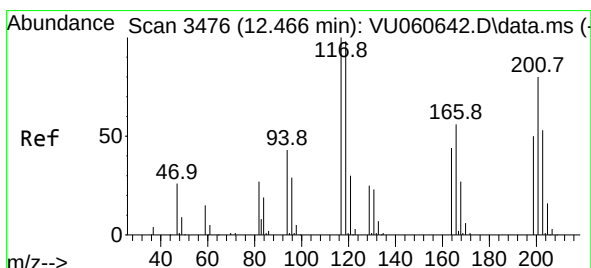
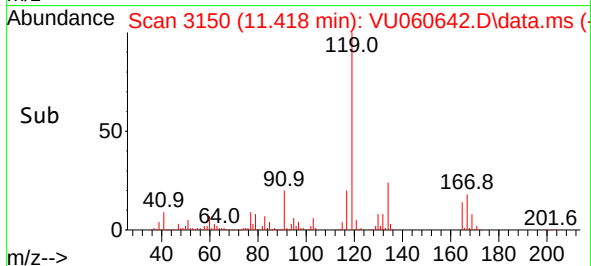
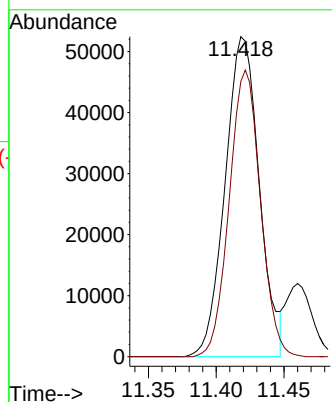
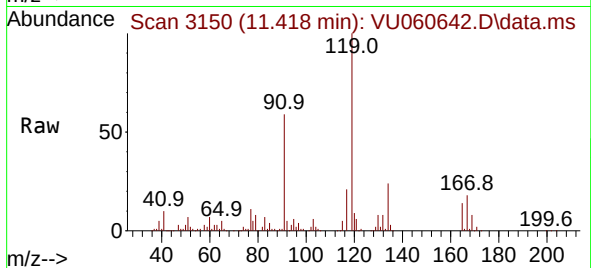
VSTDICCC010

Tgt Ion:117 Resp: 91963

Ion Ratio Lower Upper

117 100

167 81.6 65.3 97.9



#62

Hexachloroethane

Concen: 10.154 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VU060642.D

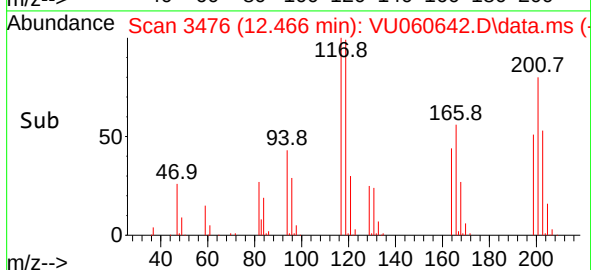
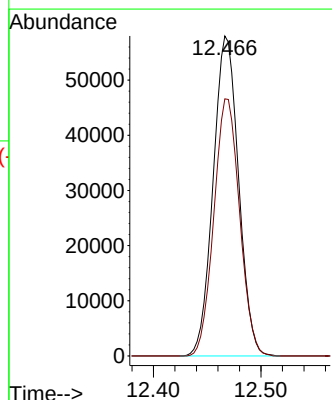
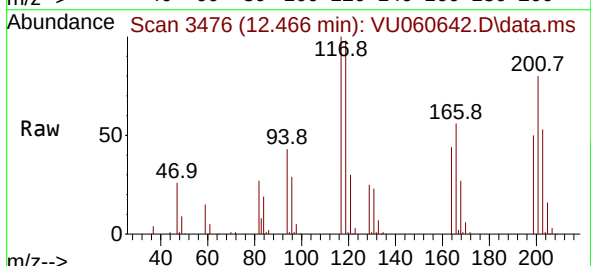
Acq: 06 Sep 2024 13:33

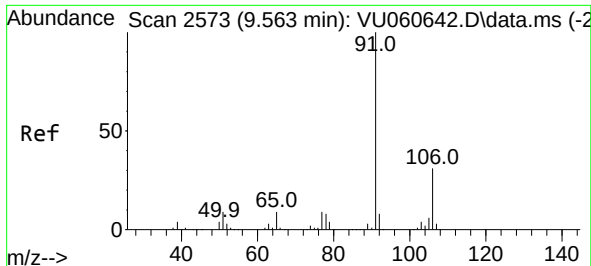
Tgt Ion:117 Resp: 95224

Ion Ratio Lower Upper

117 100

201 81.3 65.0 97.6

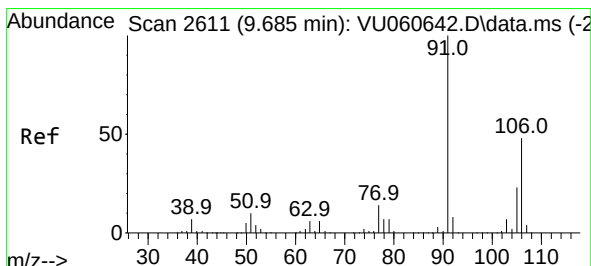
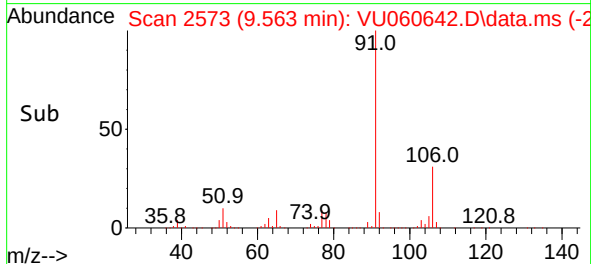
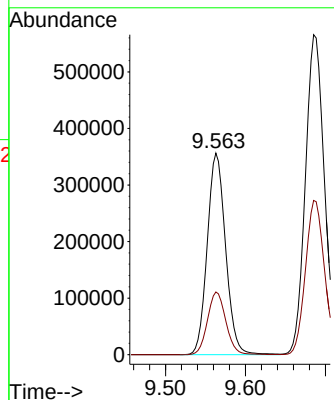
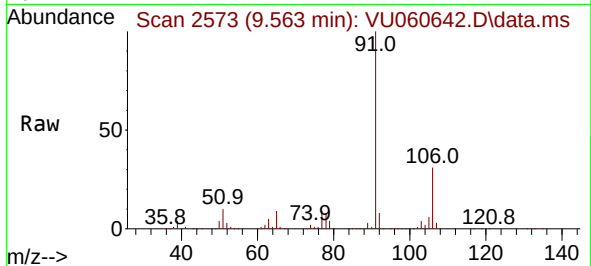




#63
Ethyl Benzene
Concen: 12.429 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

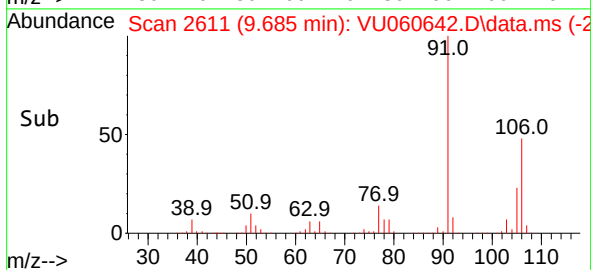
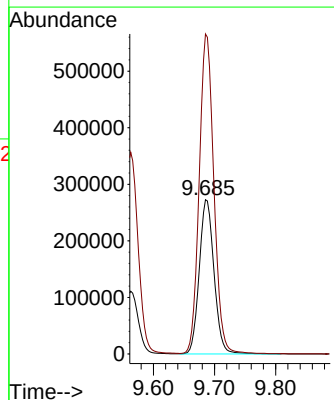
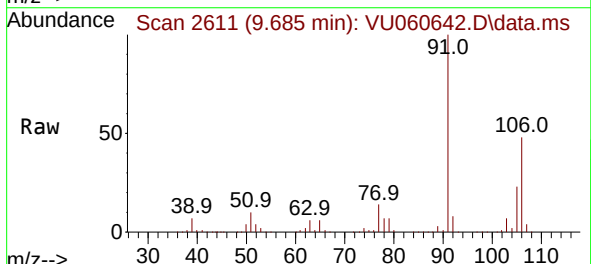
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

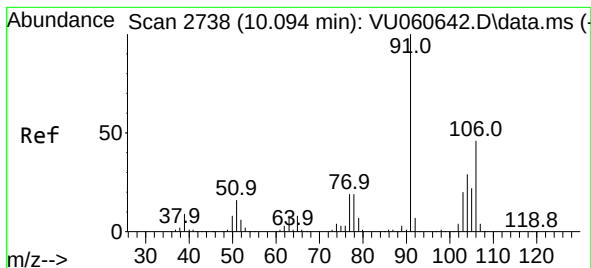
Tgt Ion: 91 Resp: 569704
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#64
m/p-Xylenes
Concen: 25.133 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 106 Resp: 456263
Ion Ratio Lower Upper
106 100
91 206.5 165.2 247.8





#65

o-Xylene

Concen: 12.437 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

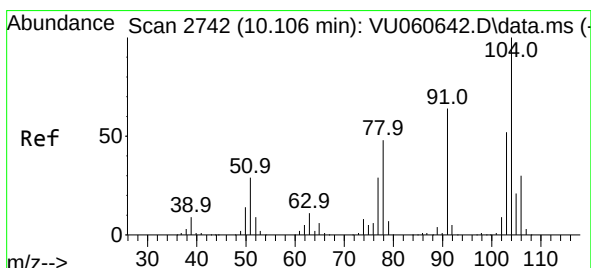
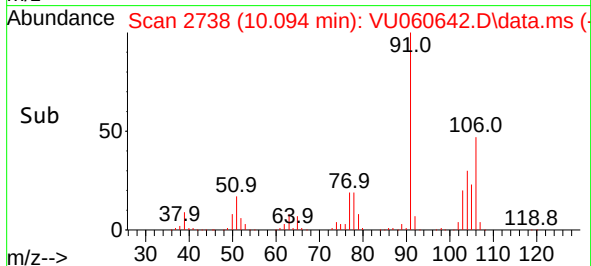
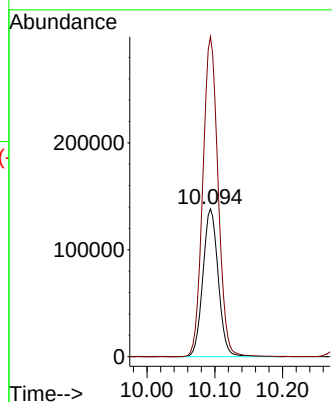
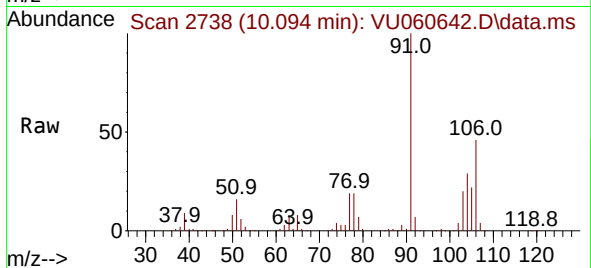
VSTDICCC010

Tgt Ion:106 Resp: 217607

Ion Ratio Lower Upper

106 100

91 215.9 107.9 323.8



#66

Styrene

Concen: 12.269 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

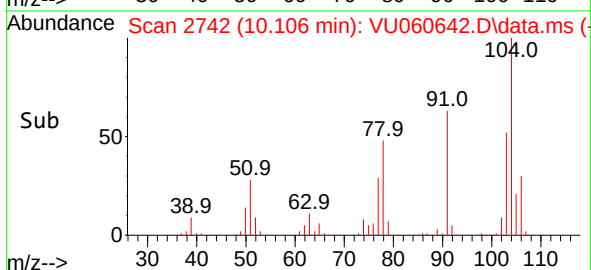
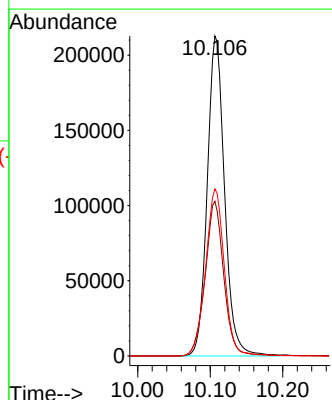
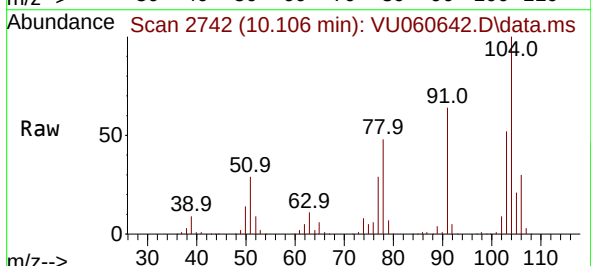
Tgt Ion:104 Resp: 353999

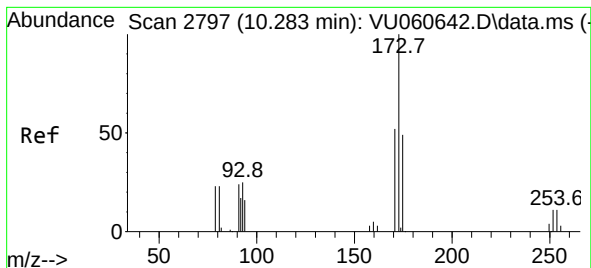
Ion Ratio Lower Upper

104 100

78 51.9 41.5 62.3

103 56.6 45.3 67.9





#67

Bromoform

Concen: 10.110 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

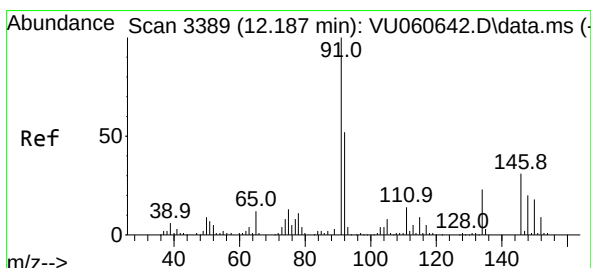
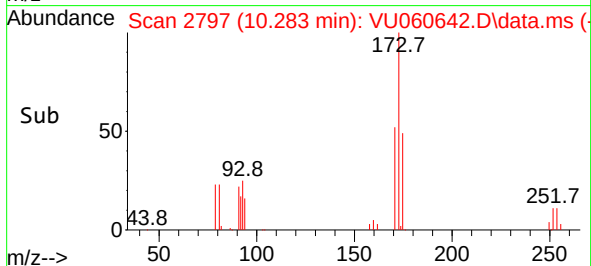
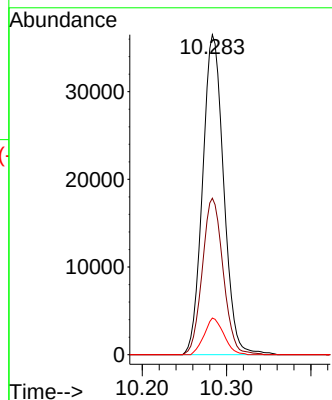
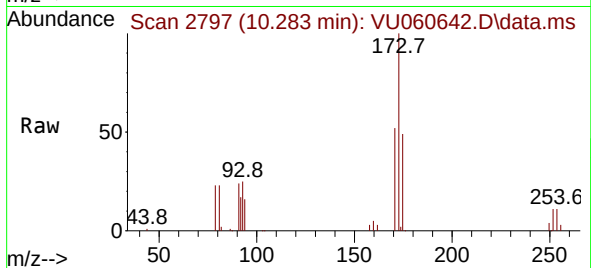
Tgt Ion:173 Resp: 63473

Ion Ratio Lower Upper

173 100

175 48.5 38.8 58.2

254 10.7 8.6 12.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.034 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

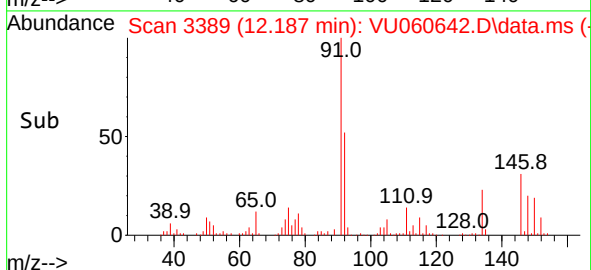
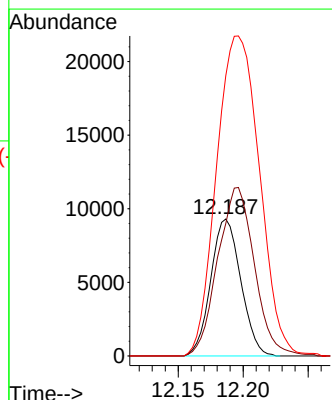
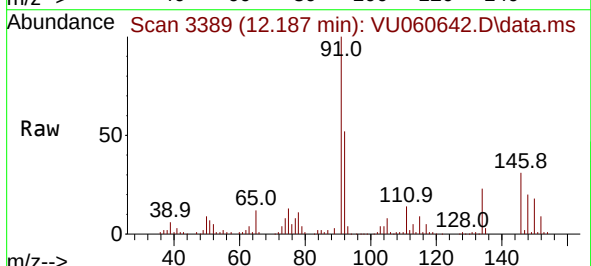
Tgt Ion:152 Resp: 14966

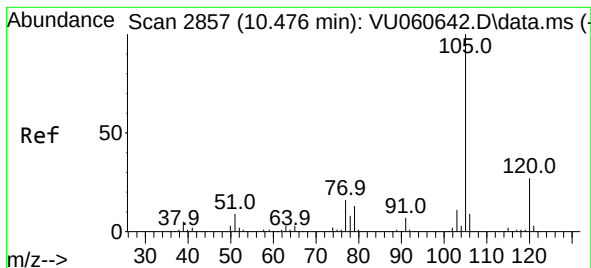
Ion Ratio Lower Upper

152 100

115 150.2 0.0 300.4

150 334.7 0.0 669.4





#69

Isopropylbenzene

Concen: 12.593 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

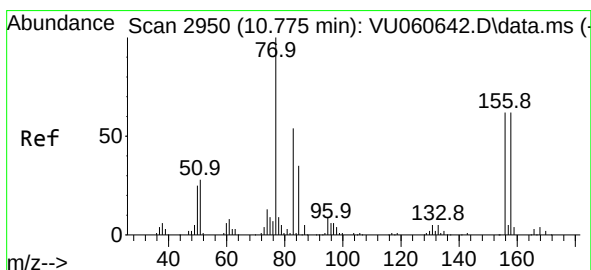
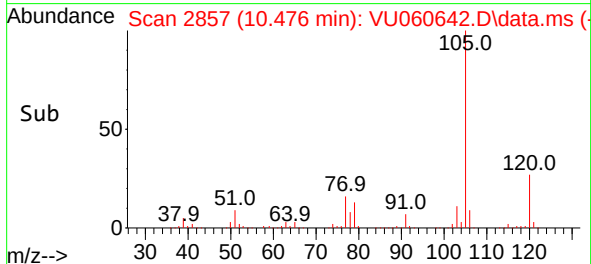
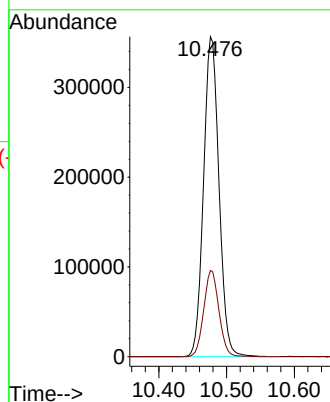
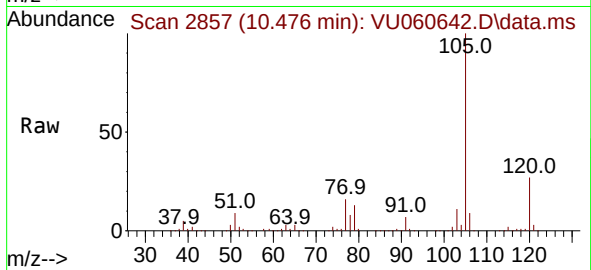
VSTDICCC010

Tgt Ion:105 Resp: 563483

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#70

1,1,2,2-Tetrachloroethane

Concen: 8.764 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

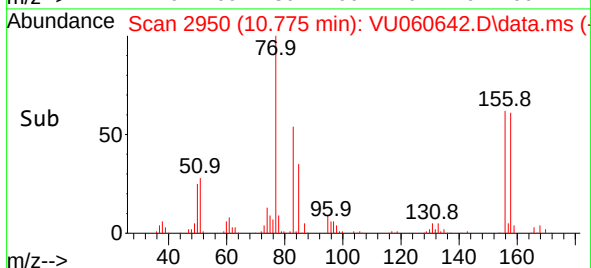
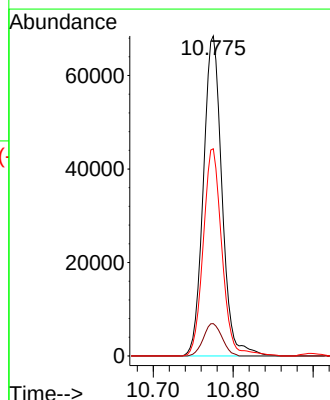
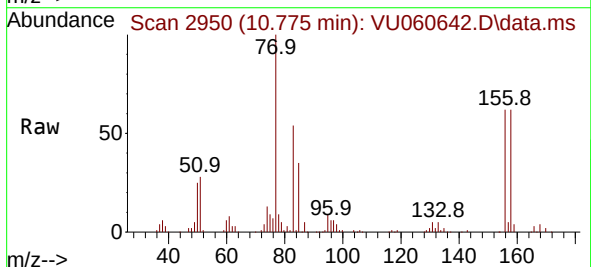
Tgt Ion: 83 Resp: 111021

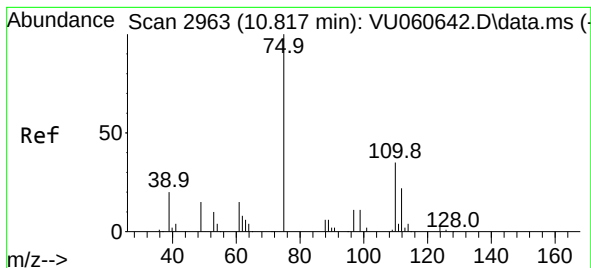
Ion Ratio Lower Upper

83 100

131 10.2 8.2 12.2

85 65.1 52.1 78.1





#71

1,2,3-Trichloropropane

Concen: 10.337 ug/l m

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 96059

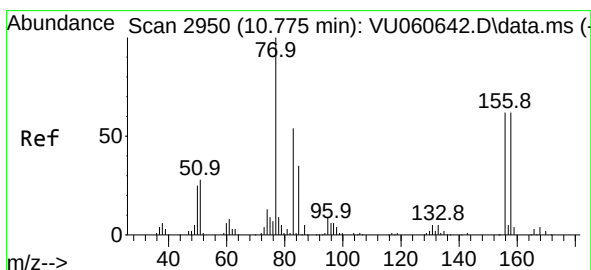
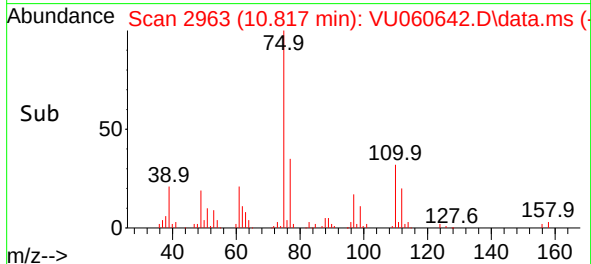
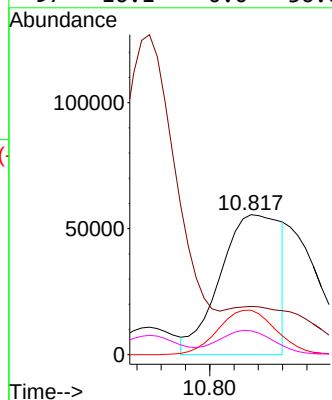
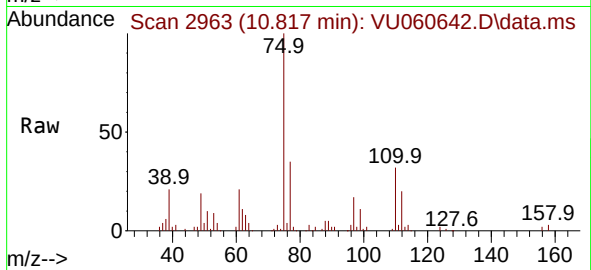
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 30.8 0.0 68.8

97 16.1 0.0 36.0



#72

Bromobenzene

Concen: 11.142 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

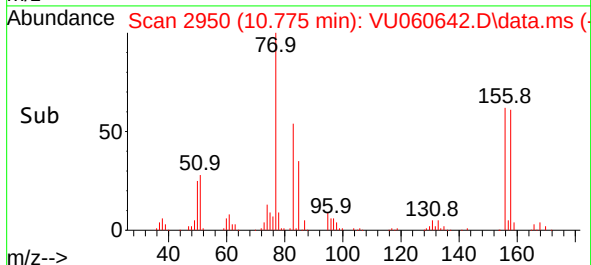
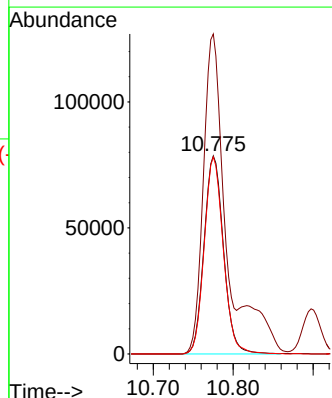
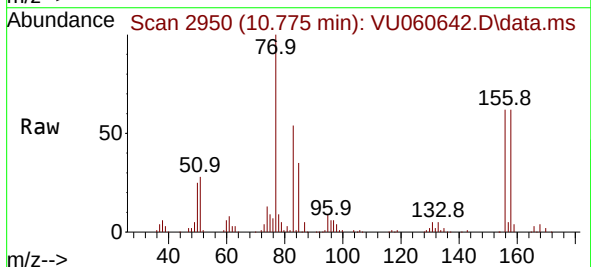
Tgt Ion: 156 Resp: 133040

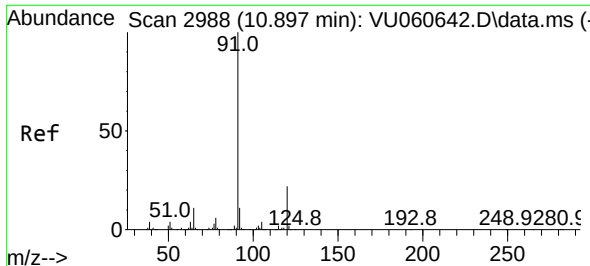
Ion Ratio Lower Upper

156 100

77 160.1 0.0 320.2

158 98.0 0.0 196.0

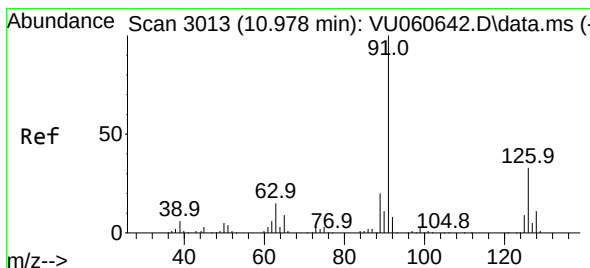
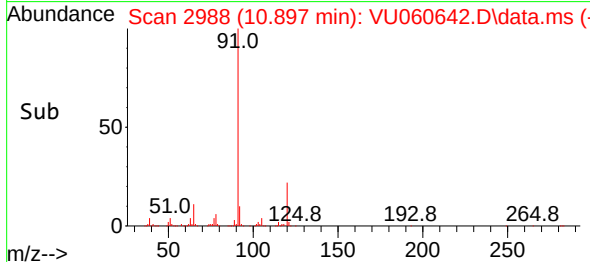
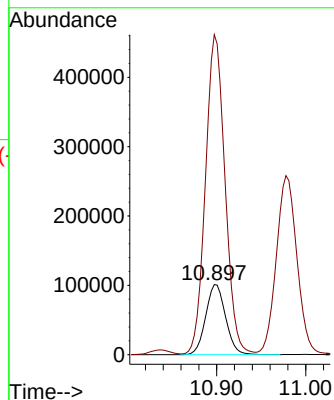
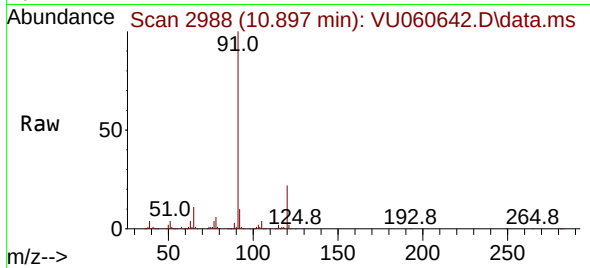




#73
n-propylbenzene
Concen: 12.557 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

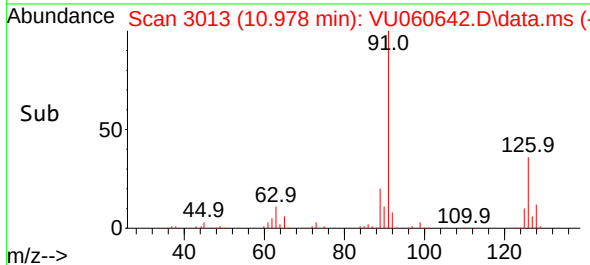
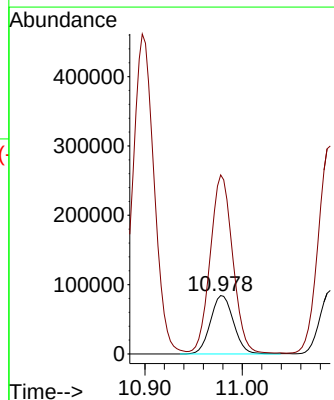
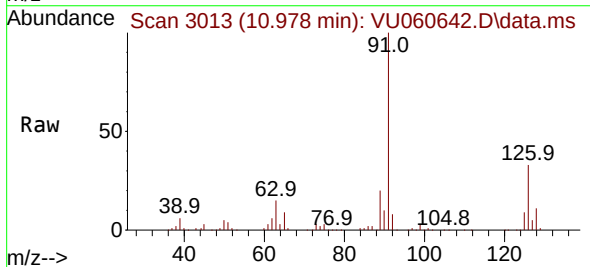
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

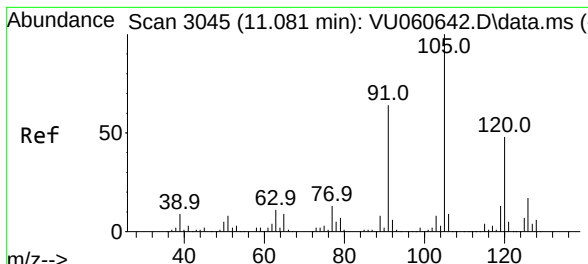
Tgt Ion:120 Resp: 156184
Ion Ratio Lower Upper
120 100
91 448.0 358.4 537.6



#74
2-Chlorotoluene
Concen: 11.886 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:126 Resp: 138072
Ion Ratio Lower Upper
126 100
91 299.8 0.0 599.6

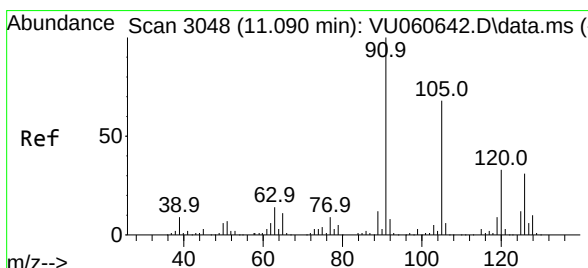
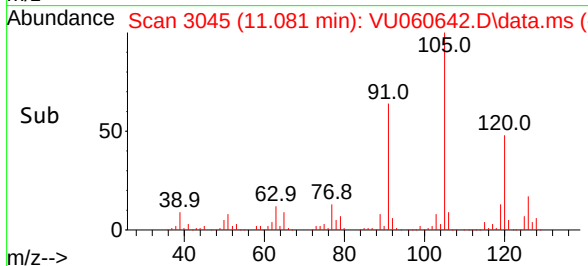
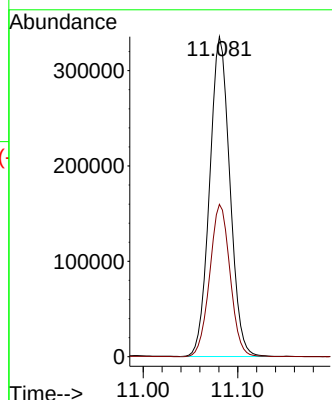
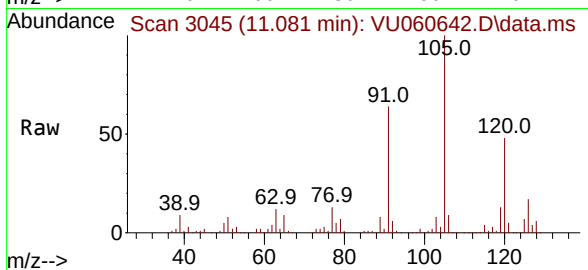




#75
1,3,5-Trimethylbenzene
Concen: 12.794 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

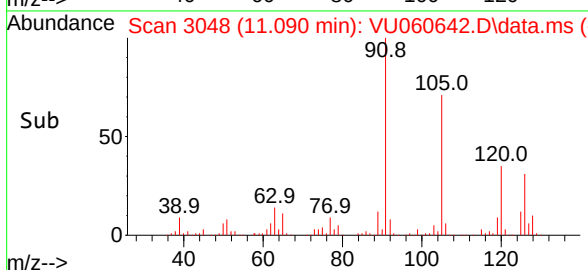
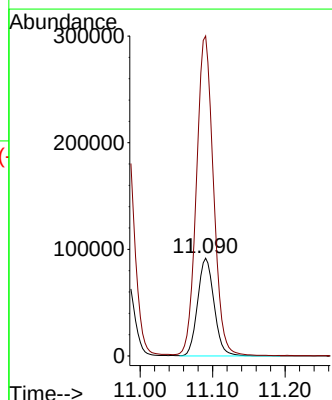
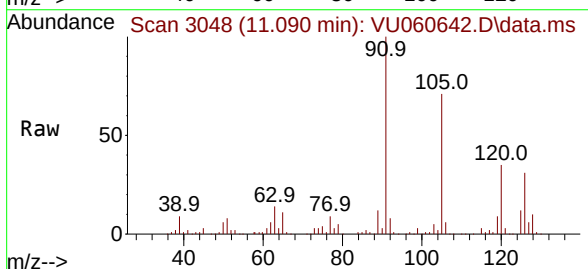
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

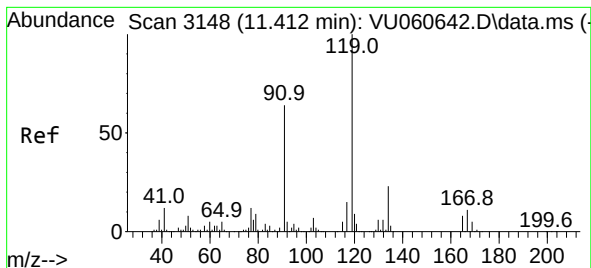
Tgt Ion:105 Resp: 499282
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#76
4-Chlorotoluene
Concen: 11.989 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:126 Resp: 144642
Ion Ratio Lower Upper
126 100
91 338.3 0.0 676.6





#77

tert-Butylbenzene

Concen: 12.194 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

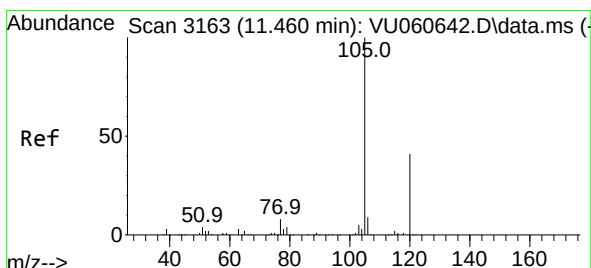
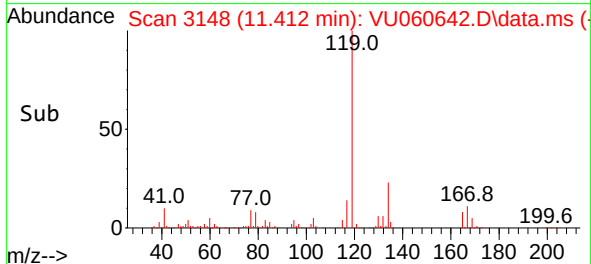
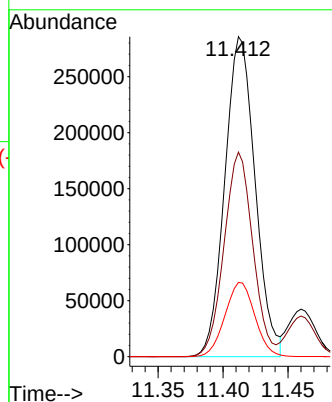
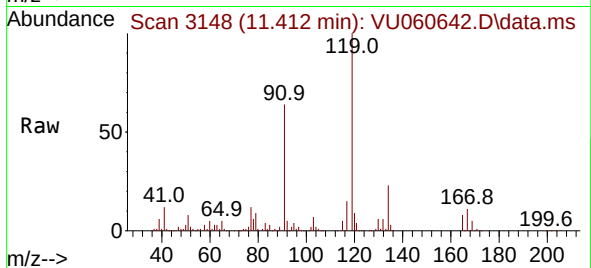
Tgt Ion:119 Resp: 464564

Ion Ratio Lower Upper

119 100

91 60.5 30.3 90.8

134 22.9 18.3 27.5



#78

1,2,4-Trimethylbenzene

Concen: 12.932 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060642.D

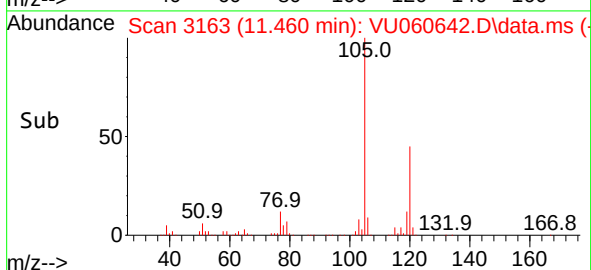
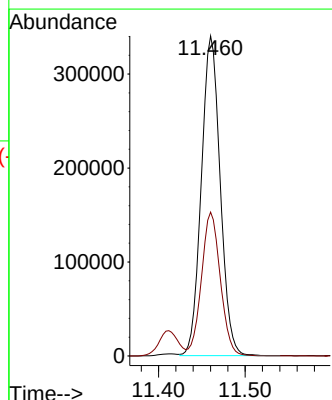
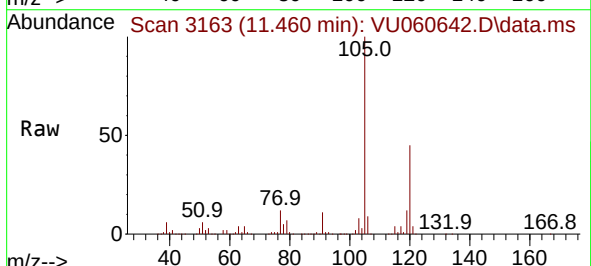
Acq: 06 Sep 2024 13:33

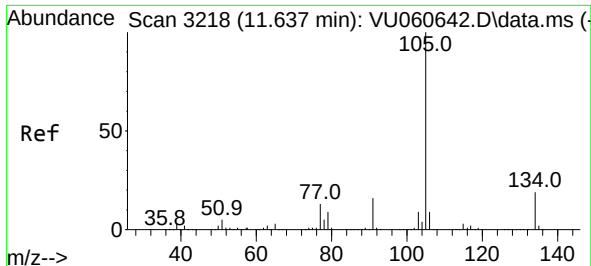
Tgt Ion:105 Resp: 515467

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.7

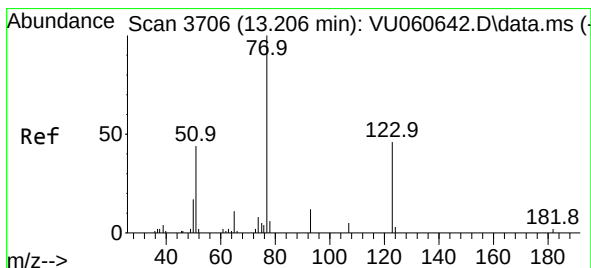
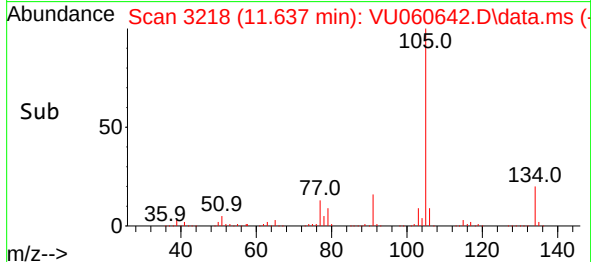
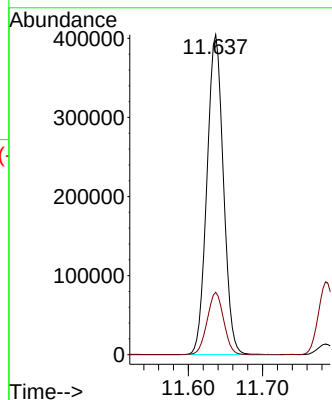
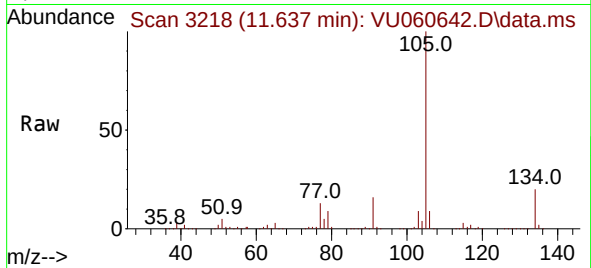




#79
 sec-Butylbenzene
 Concen: 12.284 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

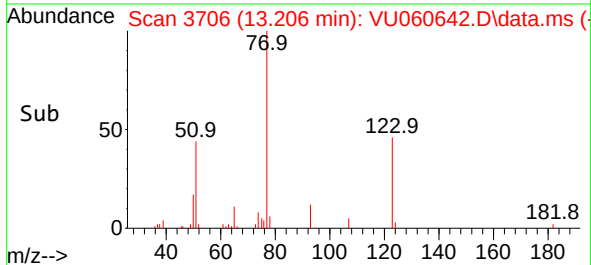
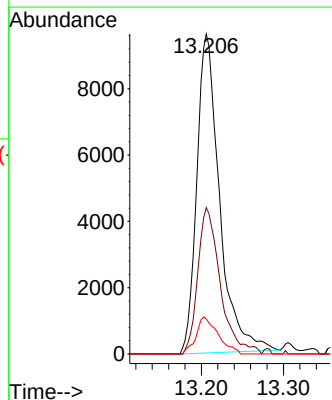
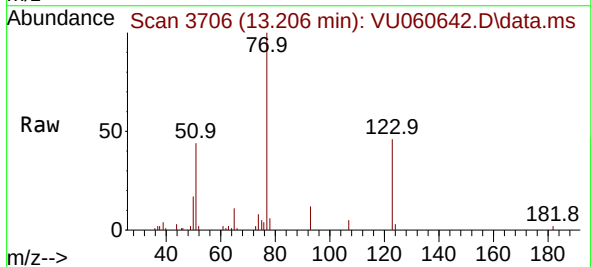
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

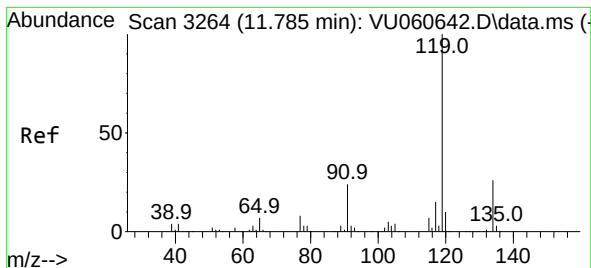
Tgt Ion:105 Resp: 619783
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.8 23.6



#80
 Nitrobenzene
 Concen: 34.559 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

Tgt Ion: 77 Resp: 18562
 Ion Ratio Lower Upper
 77 100
 123 45.2 19.9 70.5
 65 11.2 9.9 12.5

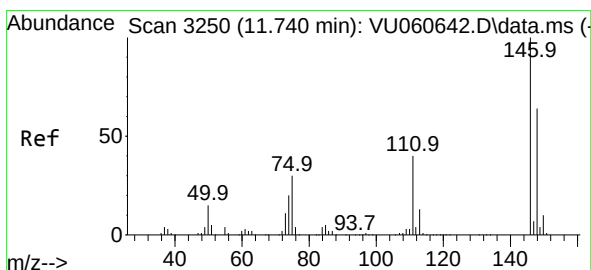
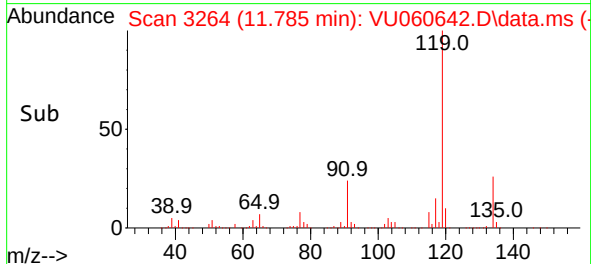
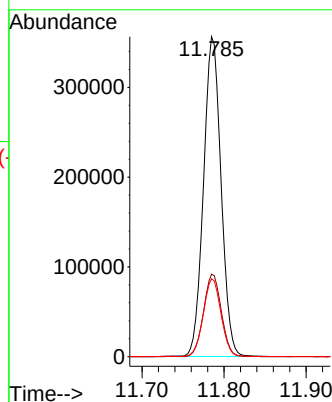
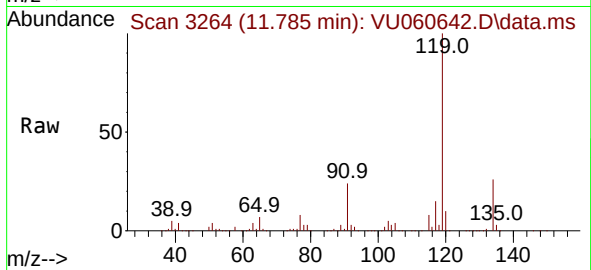




#81
p-Isopropyltoluene
Concen: 12.879 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

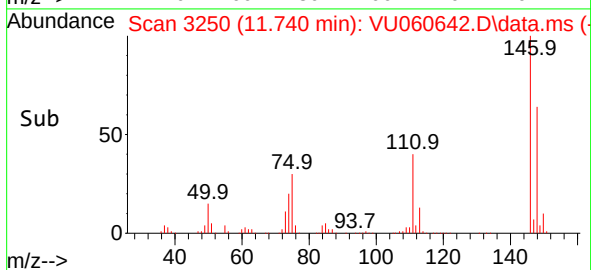
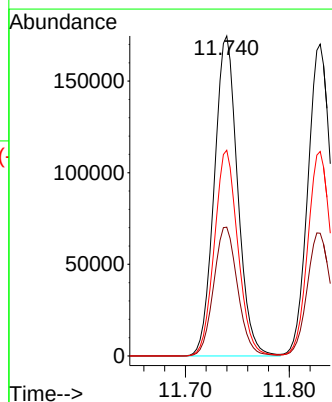
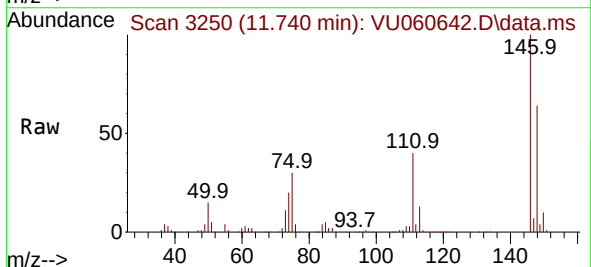
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

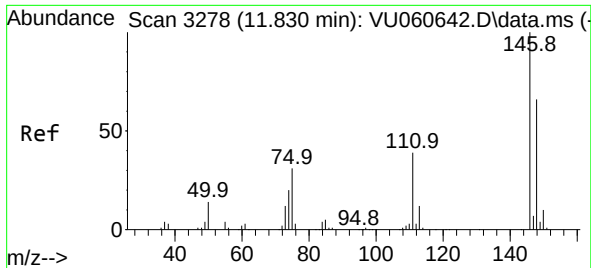
Tgt Ion:119 Resp: 528461
Ion Ratio Lower Upper
119 100
134 26.1 20.9 31.3
91 24.4 19.5 29.3



#82
1,3-Dichlorobenzene
Concen: 11.022 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:146 Resp: 273267
Ion Ratio Lower Upper
146 100
111 41.2 33.0 49.4
148 64.7 51.8 77.6

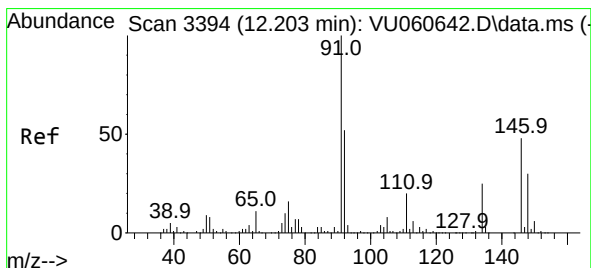
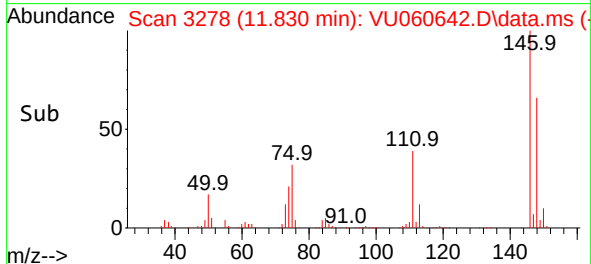
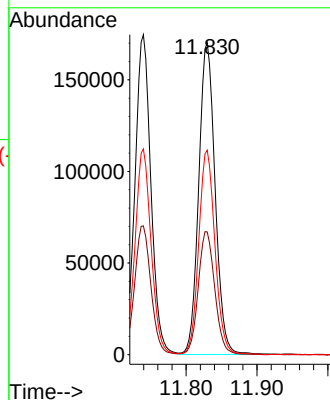
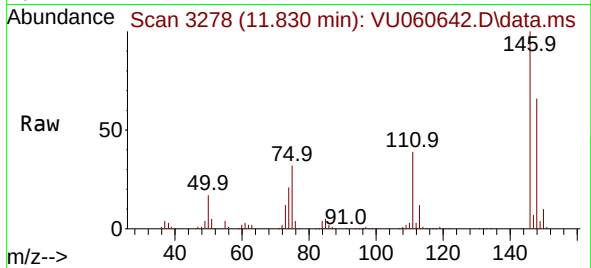




#83
1,4-Dichlorobenzene
Concen: 11.144 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

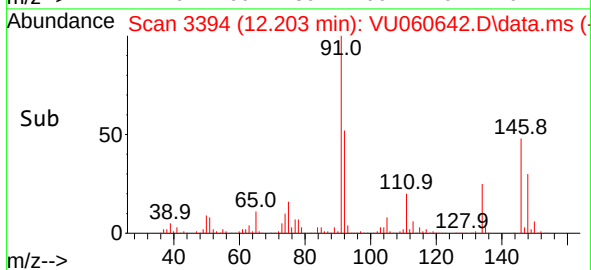
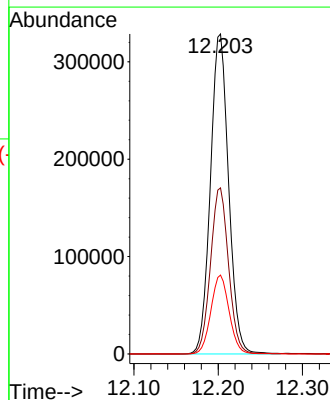
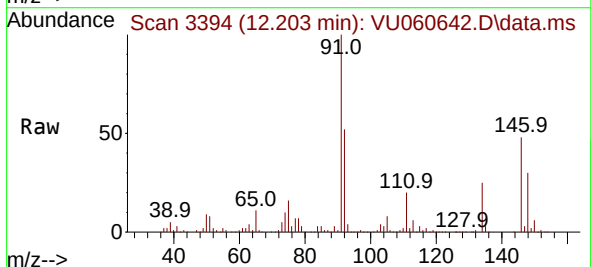
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

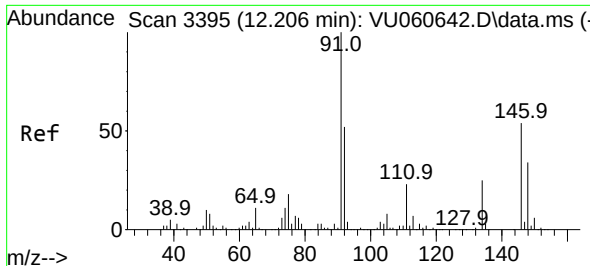
Tgt Ion:146 Resp: 273642
Ion Ratio Lower Upper
146 100
111 39.7 31.8 47.6
148 65.1 52.1 78.1



#84
n-Butylbenzene
Concen: 12.429 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion: 91 Resp: 492809
Ion Ratio Lower Upper
91 100
92 51.6 41.3 61.9
134 24.8 19.8 29.8

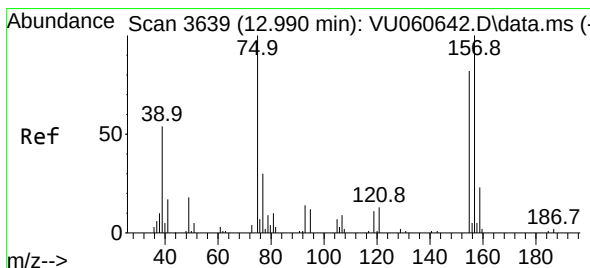
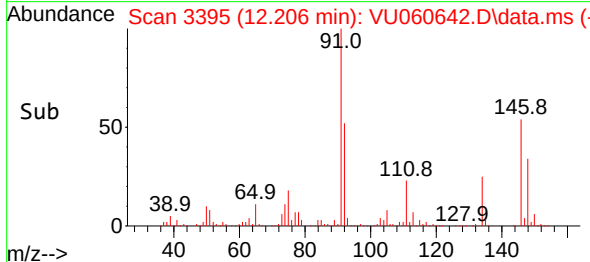
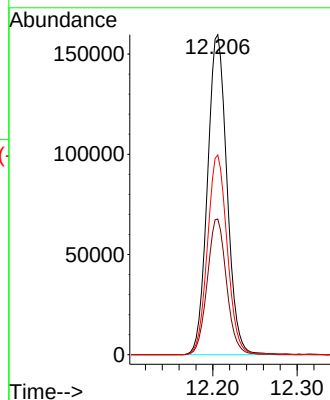
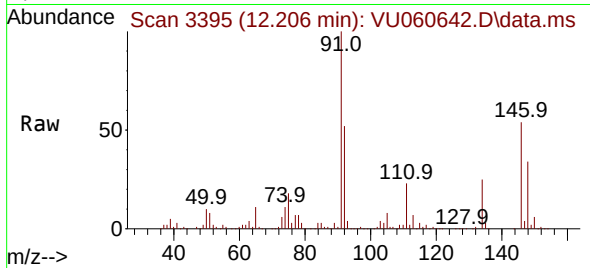




#85
 1,2-Dichlorobenzene
 Concen: 10.742 ug/l
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

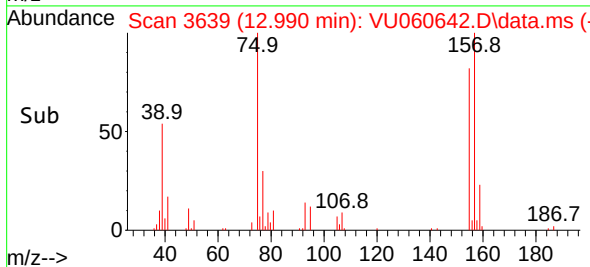
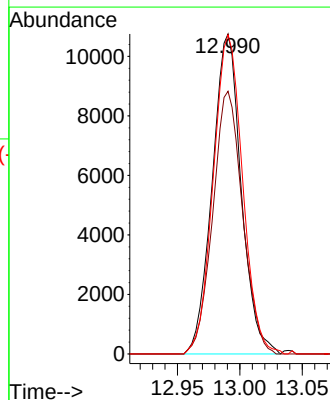
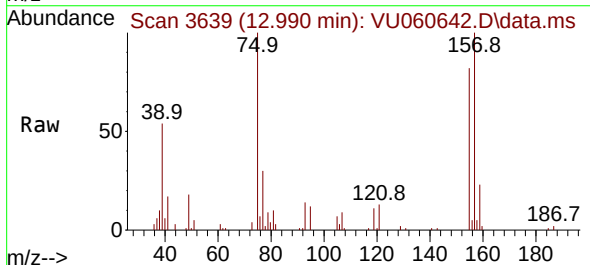
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

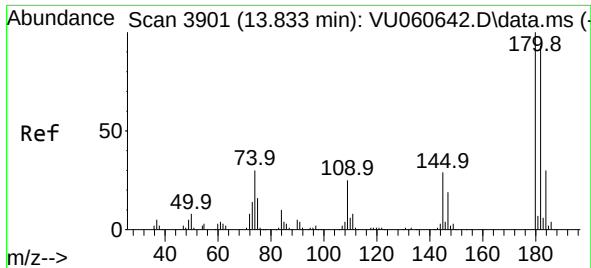
Tgt Ion:146 Resp: 257108
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.2 31.6 94.8



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.352 ug/l
 RT: 12.990 min Scan# 3639
 Delta R.T. 0.000 min
 Lab File: VU060642.D
 Acq: 06 Sep 2024 13:33

Tgt Ion: 75 Resp: 17348
 Ion Ratio Lower Upper
 75 100
 155 84.5 67.6 101.4
 157 101.3 81.0 121.6

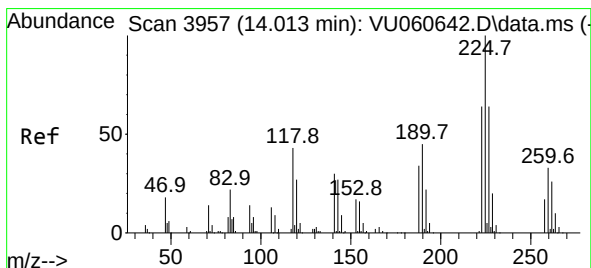
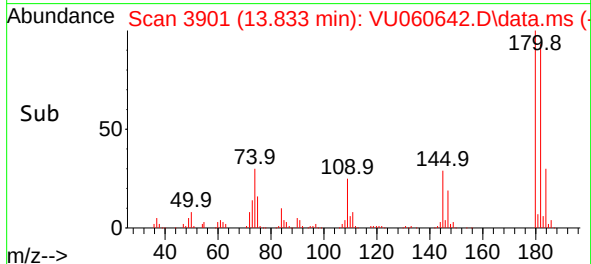
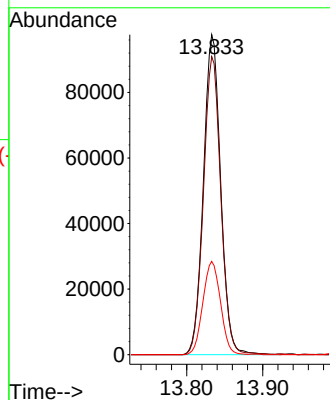
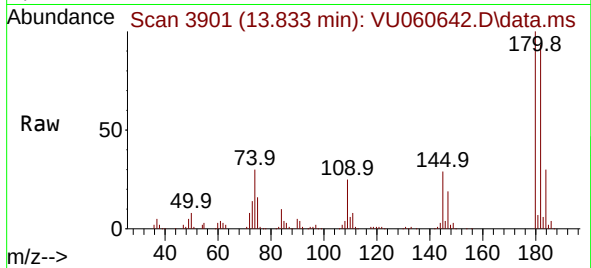




#87
1,2,4-Trichlorobenzene
Concen: 11.227 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

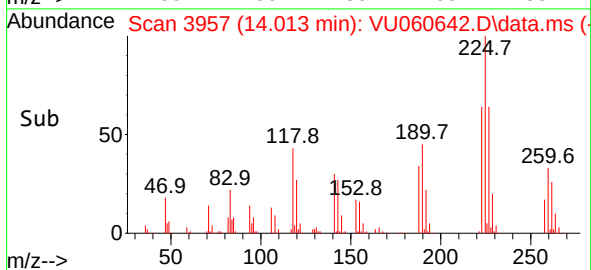
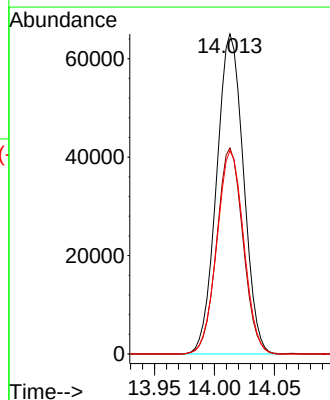
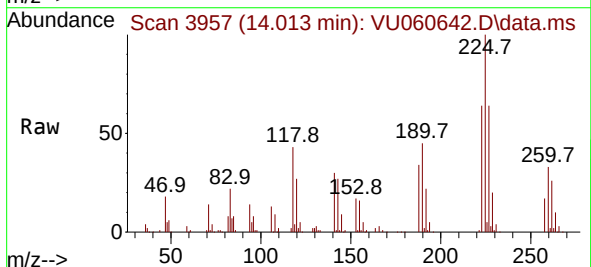
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

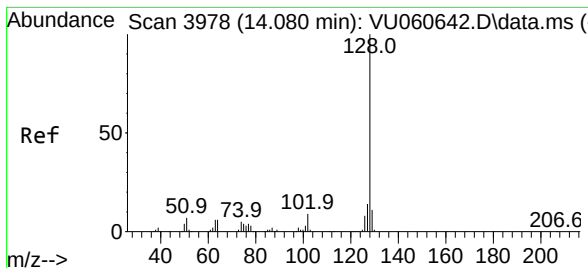
Tgt Ion:180 Resp: 154000
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.4
145 29.7 23.8 35.6



#88
Hexachlorobutadiene
Concen: 11.326 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU060642.D
Acq: 06 Sep 2024 13:33

Tgt Ion:225 Resp: 101397
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 63.3 50.6 76.0





#89

Naphthalene

Concen: 9.740 ug/l

RT: 14.080 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

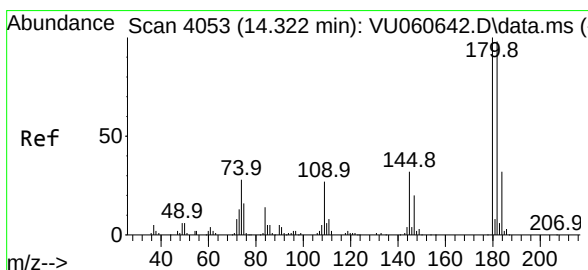
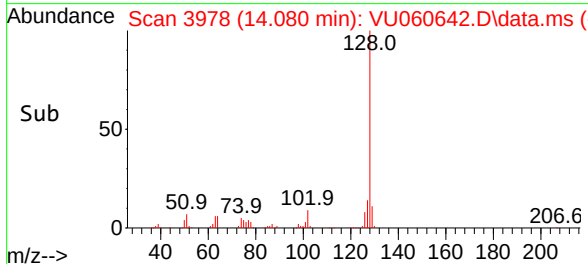
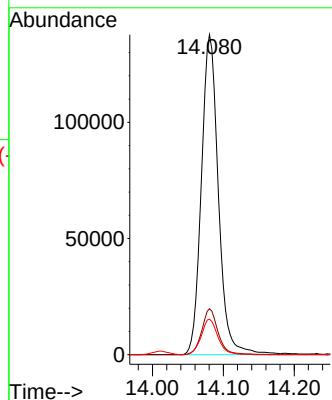
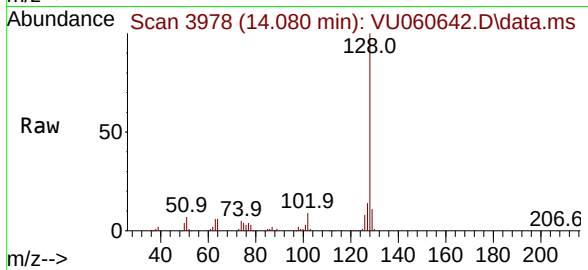
Tgt Ion:128 Resp: 229486

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 10.8 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 10.400 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060642.D

Acq: 06 Sep 2024 13:33

Tgt Ion:180 Resp: 136673

Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

145 31.7 25.4 38.0

