

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060641.D
 Acq On : 06 Sep 2024 13:05
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 07 00:36:21 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	38768	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14113	1.066	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15505	1.087	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	85469	5.602	ug/l	97
3) Chloromethane	1.518	50	82041	4.817	ug/l	99
4) Vinyl Chloride	1.602	62	83905	4.955	ug/l	100
5) Bromomethane	1.856	94	50103	4.790	ug/l	94
6) Chloroethane	1.930	64	48757	4.806	ug/l	96
7) Trichlorofluoromethane	2.133	101	117911	5.617	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	53328	4.837	ug/l	98
9) 1,1-Dichloroethene	2.573	96	52180	4.553	ug/l	99
10) Iodomethane	2.718	142	70330	4.215	ug/l	98
11) Allyl Chloride	2.917	41	68804	4.422	ug/l	99
12) Acrylonitrile	3.329	53	24153m	8.150	ug/l	
13) Acetone	2.653	43	94869m	24.472	ug/l	
14) Carbon Disulfide	2.788	76	176432	4.571	ug/l	99
15) Methylene Chloride	3.039	84	63638	4.465	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	57984	4.740	ug/l	99
17) 1,1-Dichloroethane	3.859	63	108599	4.619	ug/l	99
18) 2-Butanone	4.714	43	109291	25.005	ug/l	96
19) Cyclohexane	5.380	56	87335m	4.329	ug/l	
20) Methylcyclohexane	6.756	83	90796	5.542	ug/l	99
21) 2,2-Dichloropropane	4.657	77	87563	4.723	ug/l	98
22) cis-1,2-Dichloroethene	4.660	96	60745	4.635	ug/l	99
23) Diethyl Ether	2.370	59	41276	4.428	ug/l	98
24) tert-Butyl Alcohol	3.284	59	40079m	35.444	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	117685	4.198	ug/l	100
26) Bromochloromethane	4.968	128	27802	4.953	ug/l	99
27) Chloroform	5.078	83	113407	4.891	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	101483	5.197	ug/l	100
29) 1,1-Dichloropropene	5.521	75	79648	5.075	ug/l	100
30) Carbon Tetrachloride	5.515	117	89291	5.530	ug/l	98
31) Isopropyl Ether	3.981	45	137308	4.046	ug/l	96
32) Ethyl-t-butyl ether	4.493	59	137062	4.158	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	125904	5.222	ug/l	98
34) Propionitrile	4.798	54	23809m	19.971	ug/l	
35) Benzene	5.766	78	237471	4.995	ug/l	99
36) 1,2-Dichloroethane	5.785	62	70684	5.259	ug/l	99
37) Trichloroethene	6.538	130	62883	5.296	ug/l	93
38) 1,2-Dichloropropane	6.782	63	63486	4.945	ug/l	99
39) Methacrylonitrile	4.972	41	15001	3.520	ug/l	94
40) Methyl acrylate	4.853	55	29733m	3.924	ug/l	
41) Tetrahydrofuran	5.062	42	17680m	7.553	ug/l	
42) 1-Chlorobutane	5.451	56	109879	5.122	ug/l	99
43) Dibromomethane	6.910	93	31417	4.834	ug/l	99
44) Bromodichloromethane	7.097	83	77817	4.951	ug/l	97

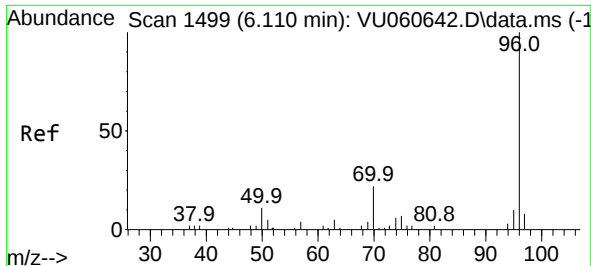
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060641.D
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Quant Time: Sep 07 00:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	153609	24.838	ug/l	99
46) t-1,4-Dichloro-2-butene	10.824	75	32105m	9.365	ug/l	
47) Methyl methacrylate	6.956	69	53635	10.184	ug/l	97
48) Ethyl methacrylate	8.328	69	46607	5.148	ug/l	98
49) Toluene	7.962	92	142087	5.385	ug/l	97
50) t-1,3-Dichloropropene	8.203	75	70343	5.378	ug/l	95
51) cis-1,3-Dichloropropene	7.602	75	82232	5.234	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	42833	4.527	ug/l	97
53) 1,3-Dichloropropane	8.566	76	75433	4.952	ug/l	99
54) 2-Hexanone	8.679	43	149163	29.883	ug/l	97
55) Dibromochloromethane	8.801	129	53174	5.026	ug/l	96
56) 1,2-Dibromoethane	8.917	107	40087	4.727	ug/l	97
58) Tetrachloroethene	8.547	164	60787	5.653	ug/l	98
59) Chlorobenzene	9.441	112	159419	5.527	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	58028	5.130	ug/l	99
61) Pentachloroethane	11.418	117	44244	4.668	ug/l	99
62) Hexachloroethane	12.467	117	44268	4.790	ug/l	100
63) Ethyl Benzene	9.563	91	258386	5.720	ug/l	100
64) m/p-Xylenes	9.685	106	211141	11.803	ug/l	99
65) o-Xylene	10.094	106	98410	5.708	ug/l	95
66) Styrene	10.107	104	162706	5.723	ug/l	99
67) Bromoform	10.283	173	31208	5.044	ug/l	98
69) Isopropylbenzene	10.476	105	256404	5.815	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	53983	4.325	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	40482m	4.421	ug/l	
72) Bromobenzene	10.775	156	63113	5.364	ug/l	99
73) n-propylbenzene	10.897	120	71132	5.804	ug/l	98
74) 2-Chlorotoluene	10.978	126	65456	5.719	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	228368	5.939	ug/l	99
76) 4-Chlorotoluene	11.090	126	67893	5.711	ug/l	99
77) tert-Butylbenzene	11.412	119	213091	5.676	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	234454	5.969	ug/l	99
79) sec-Butylbenzene	11.634	105	285560	5.744	ug/l	100
80) Nitrobenzene	13.213	77	8110m	15.323	ug/l	
81) p-Isopropyltoluene	11.785	119	236485	5.849	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	130962	5.361	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	131066	5.417	ug/l	97
84) n-Butylbenzene	12.203	91	217785	5.574	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	121117	5.135	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	8519	4.661	ug/l	94
87) 1,2,4-Trichlorobenzene	13.833	180	68018	5.032	ug/l	100
88) Hexachlorobutadiene	14.010	225	47774	5.416	ug/l	99
89) Naphthalene	14.081	128	91997	3.963	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	58073	4.484	ug/l	98

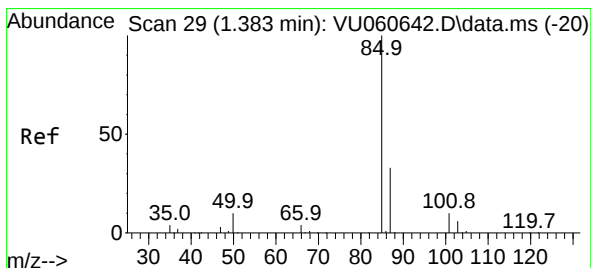
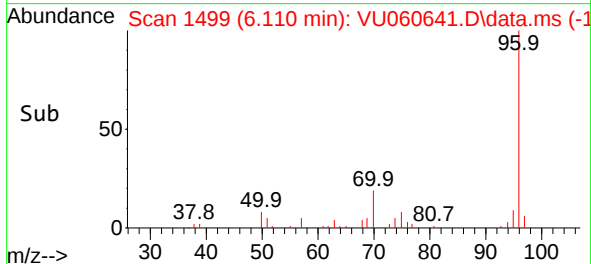
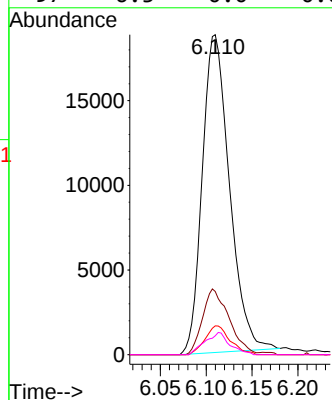
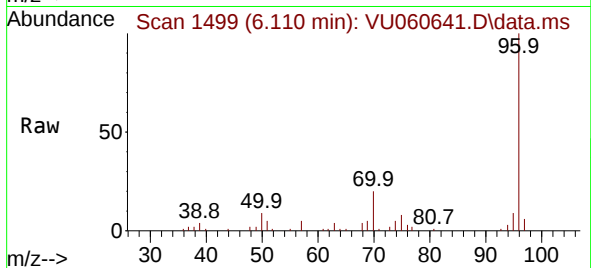
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

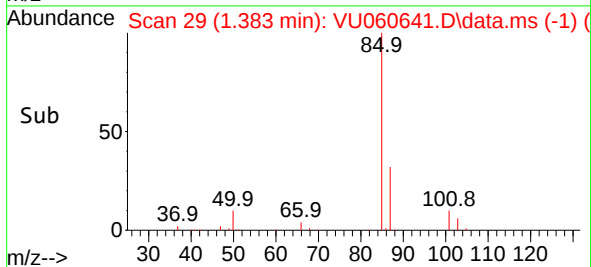
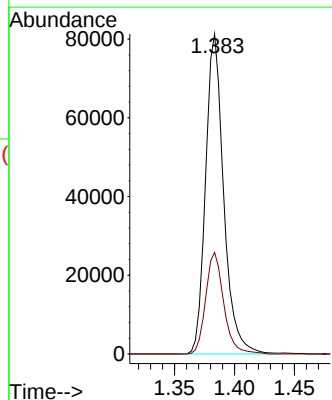
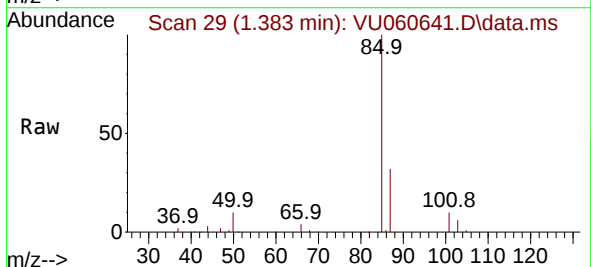
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

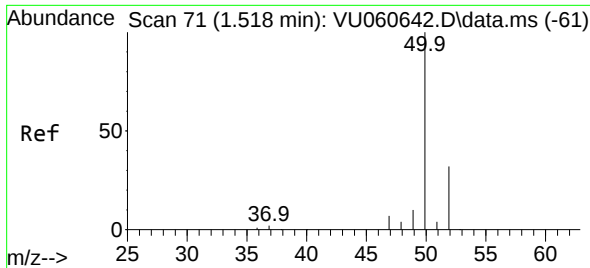
Tgt Ion:	96	Resp:	38768
Ion Ratio	Lower	Upper	
96	100		
70	19.4	16.5	24.7
95	8.4	7.7	11.5
97	6.3	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 5.602 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:	85	Resp:	85469
Ion Ratio	Lower	Upper	
85	100		
87	31.8	16.6	49.8

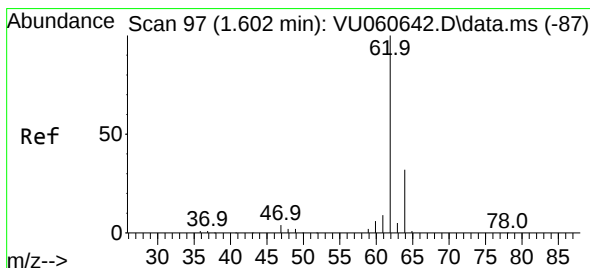
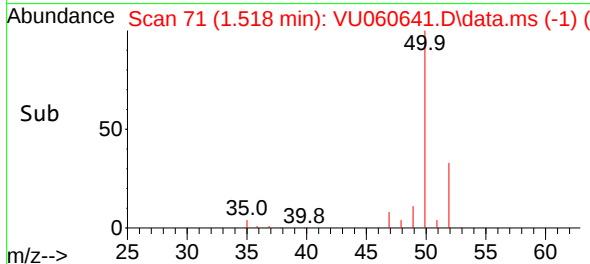
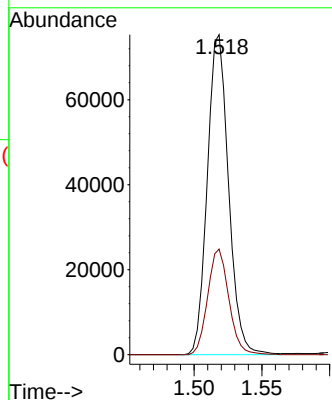
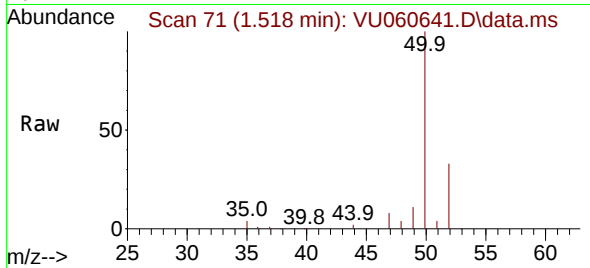




#3
Chloromethane
Concen: 4.817 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

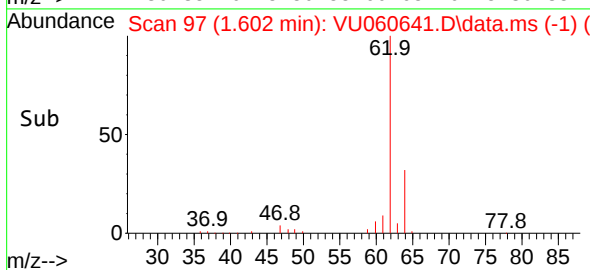
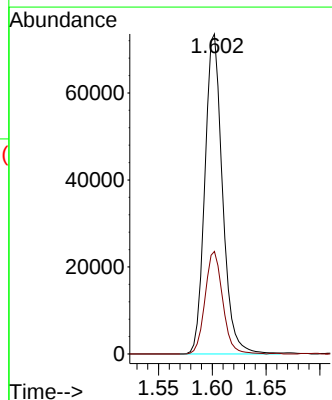
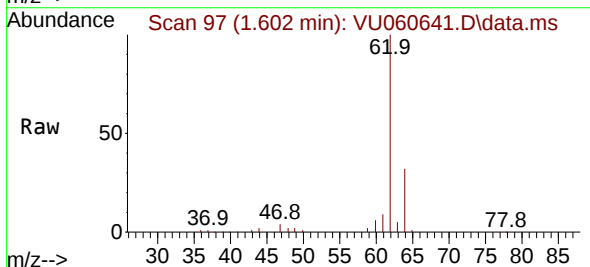
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

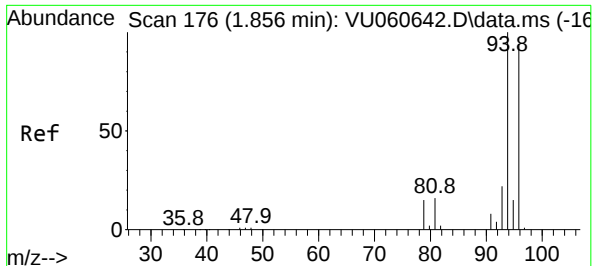
Tgt Ion: 50 Resp: 82041
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.8



#4
Vinyl Chloride
Concen: 4.955 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 62 Resp: 83905
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

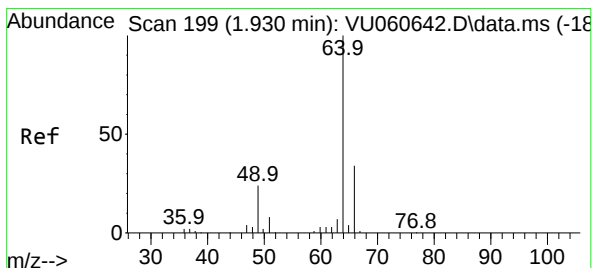
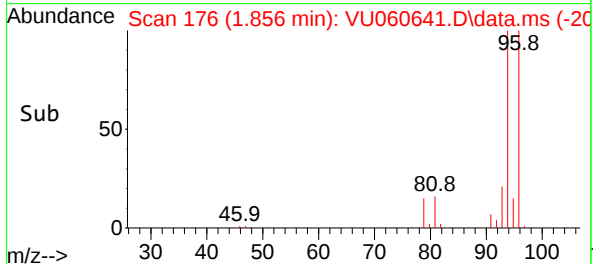
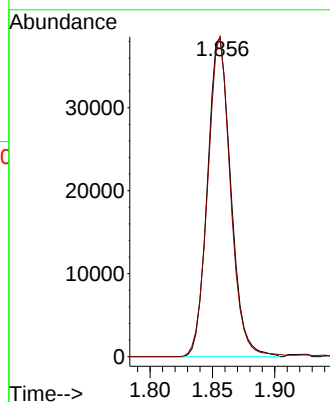
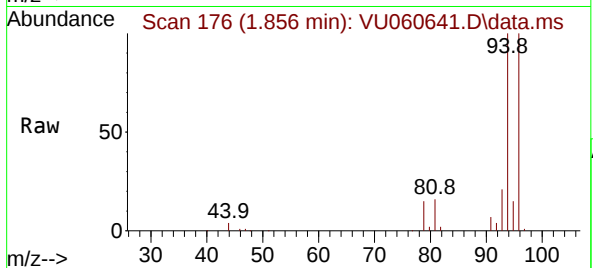




#5
Bromomethane
Concen: 4.790 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

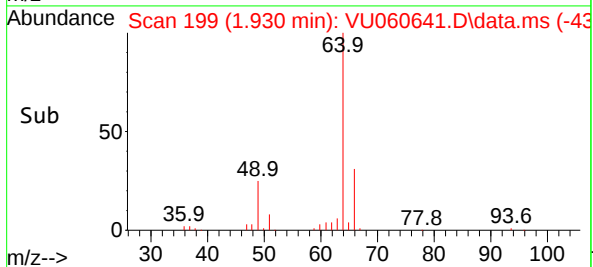
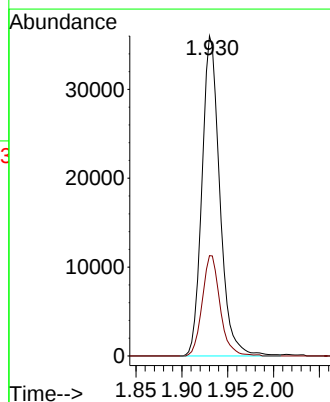
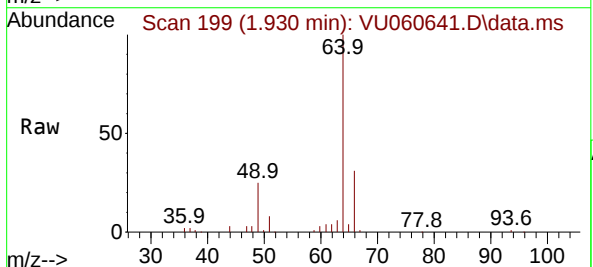
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

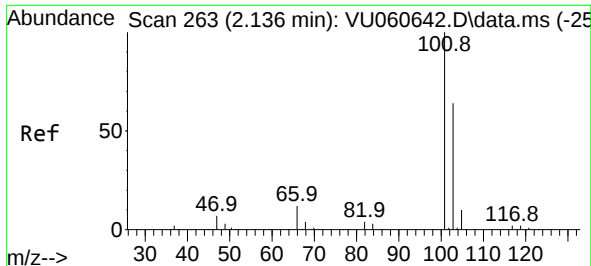
Tgt Ion: 94 Resp: 50103
Ion Ratio Lower Upper
94 100
96 100.3 75.3 112.9



#6
Chloroethane
Concen: 4.806 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 64 Resp: 48757
Ion Ratio Lower Upper
64 100
66 31.4 27.0 40.4

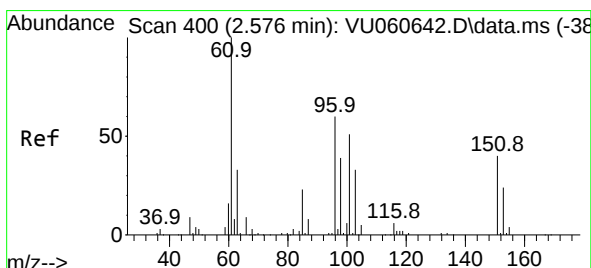
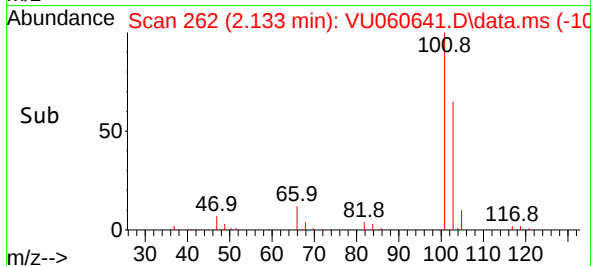
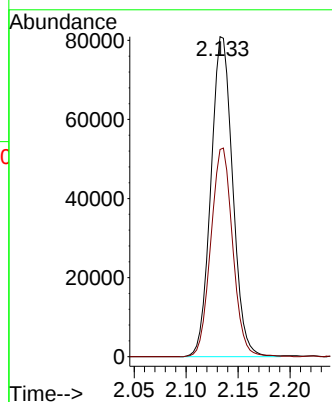
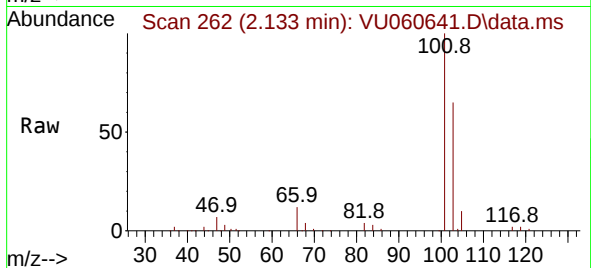




#7
 Trichlorofluoromethane
 Concen: 5.617 ug/l
 RT: 2.133 min Scan# 210
 Delta R.T. -0.003 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

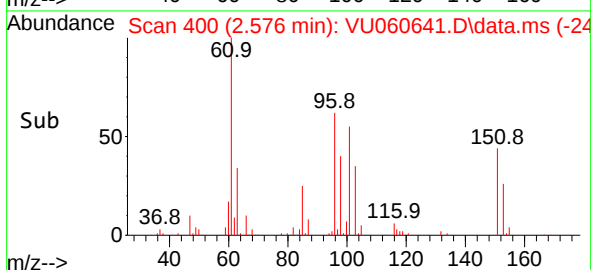
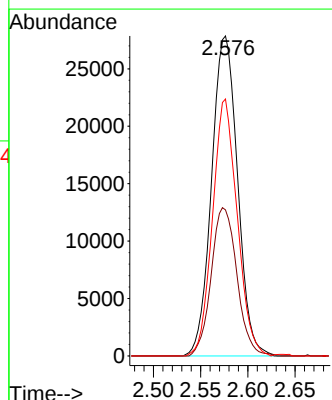
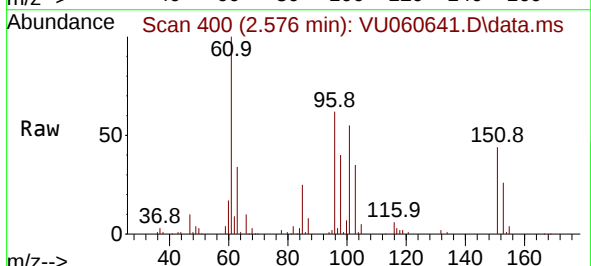
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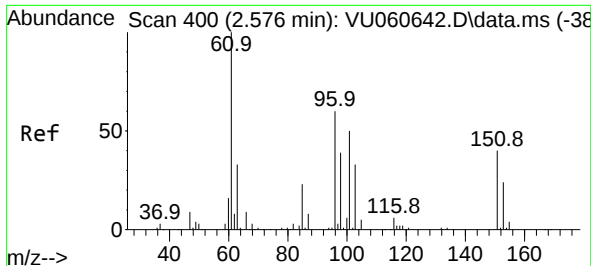
Tgt Ion:101 Resp: 117911
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.837 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

Tgt Ion:101 Resp: 53328
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.2 54.2
 151 76.1 62.2 93.4

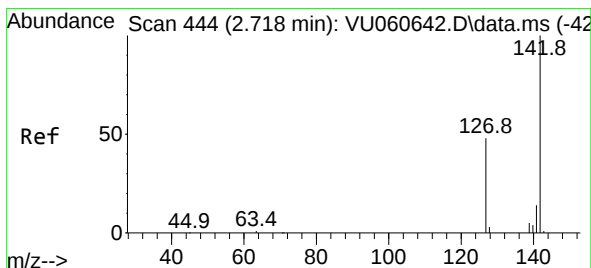
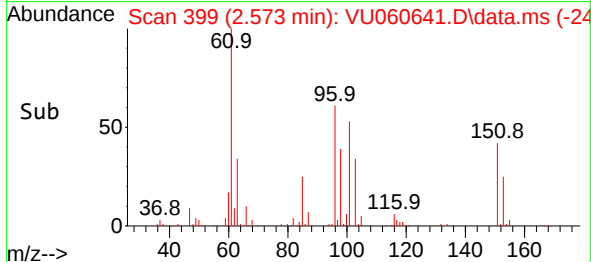
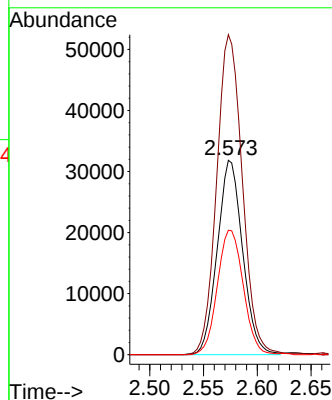
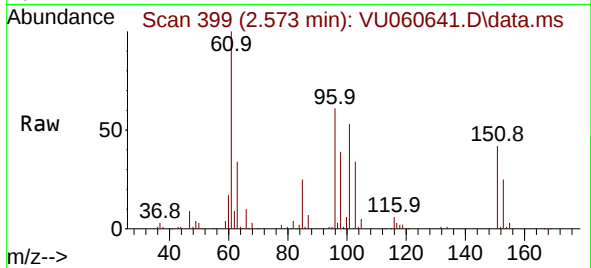




#9
1,1-Dichloroethene
Concen: 4.553 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

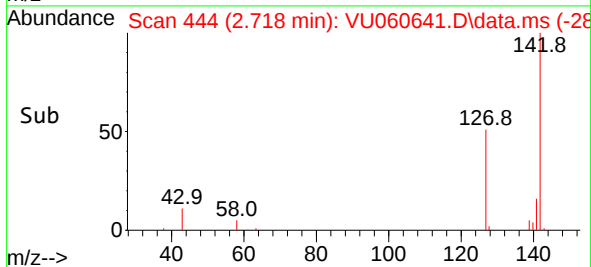
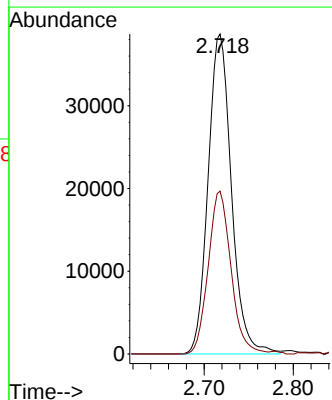
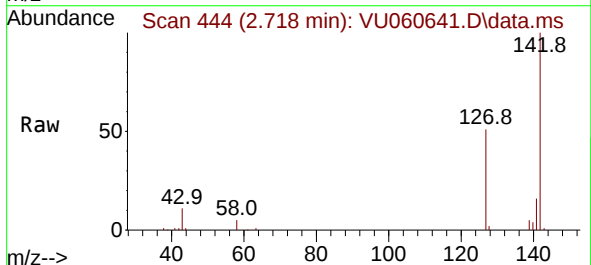
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

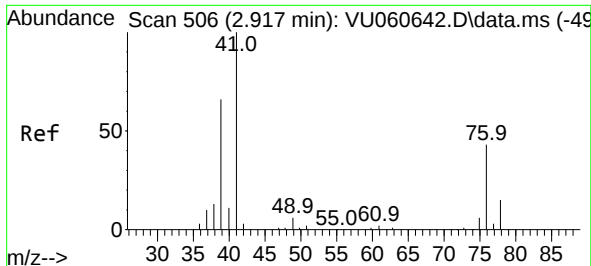
Tgt Ion: 96 Resp: 52180
Ion Ratio Lower Upper
96 100
61 164.7 0.0 501.0
98 64.1 0.0 128.8



#10
Iodomethane
Concen: 4.215 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 142 Resp: 70330
Ion Ratio Lower Upper
142 100
127 49.7 38.5 57.7

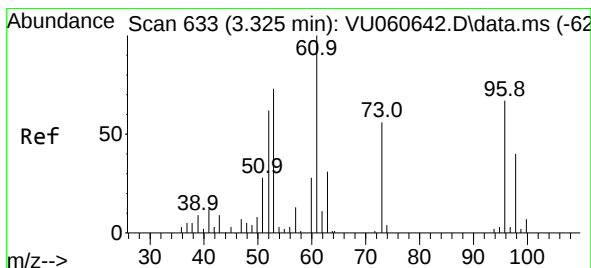
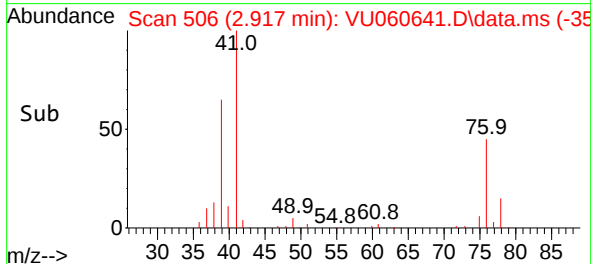
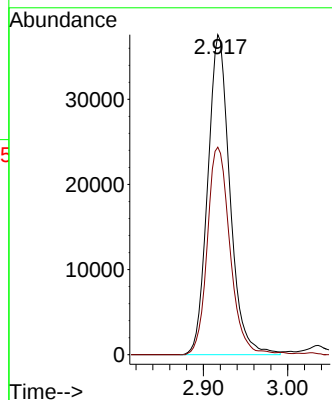
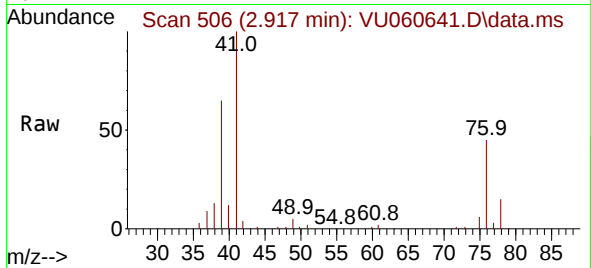




#11
 Allyl Chloride
 Concen: 4.422 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

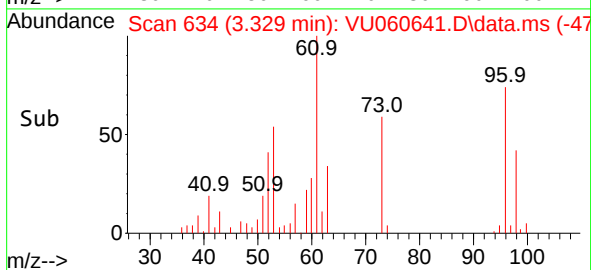
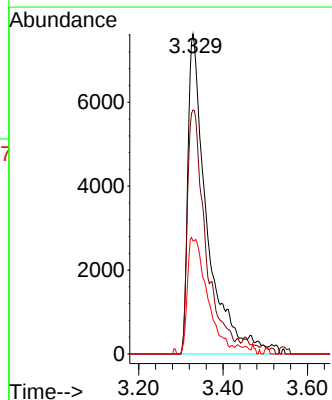
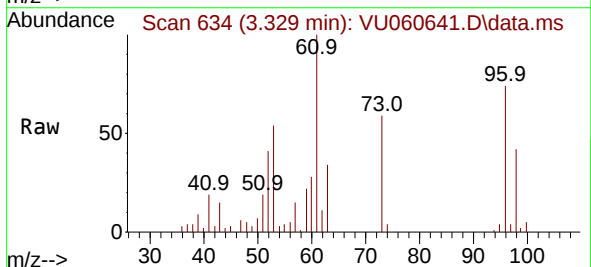
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

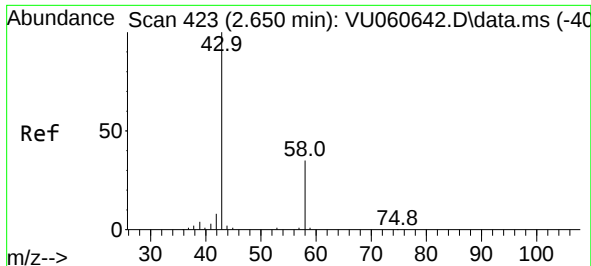
Tgt Ion: 41 Resp: 68804
 Ion Ratio Lower Upper
 41 100
 39 66.1 53.4 80.0



#12
 Acrylonitrile
 Concen: 8.150 ug/l m
 RT: 3.329 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

Tgt Ion: 53 Resp: 24153
 Ion Ratio Lower Upper
 53 100
 52 71.8 56.6 84.8
 51 37.2 27.0 40.4





#13

Acetone

Concen: 24.472 ug/l m

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

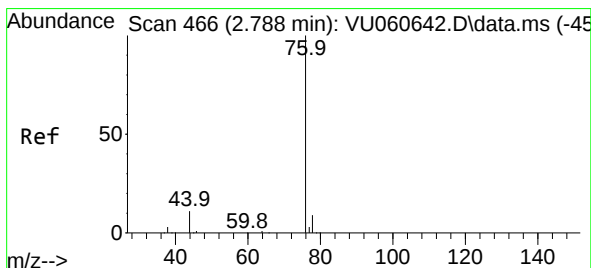
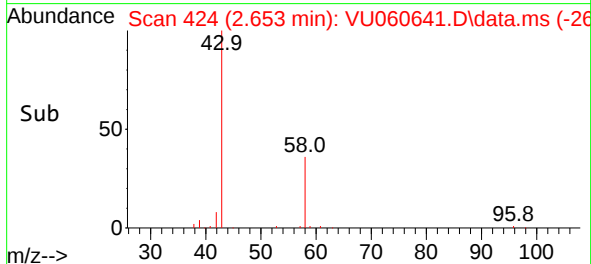
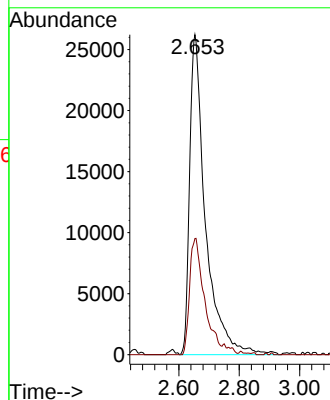
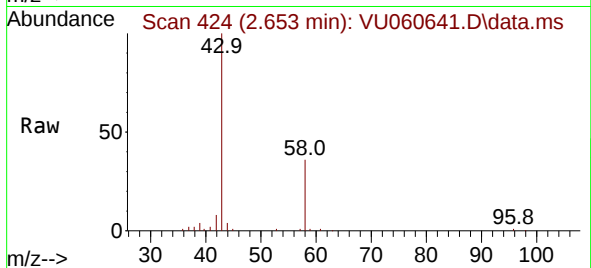
VSTDIC005

Tgt Ion: 43 Resp: 94869

Ion Ratio Lower Upper

43 100

58 36.3 27.7 41.5



#14

Carbon Disulfide

Concen: 4.571 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060641.D

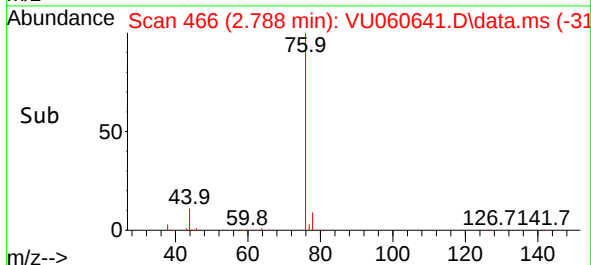
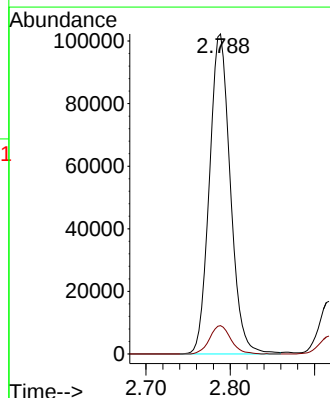
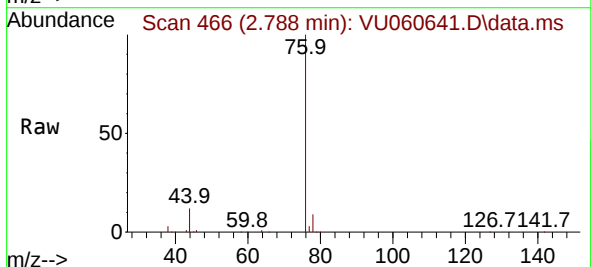
Acq: 06 Sep 2024 13:05

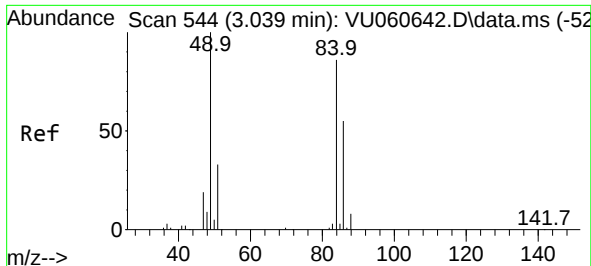
Tgt Ion: 76 Resp: 176432

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

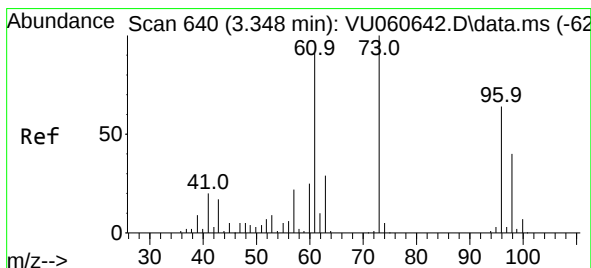
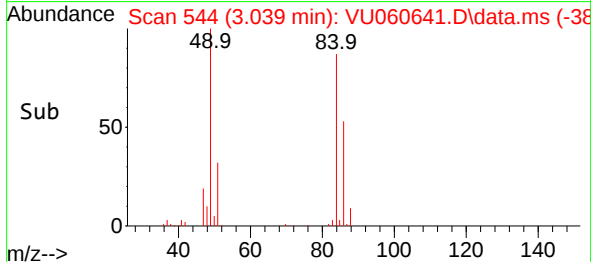
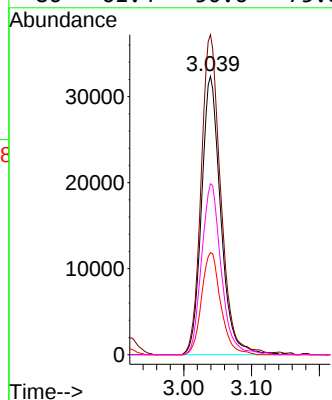
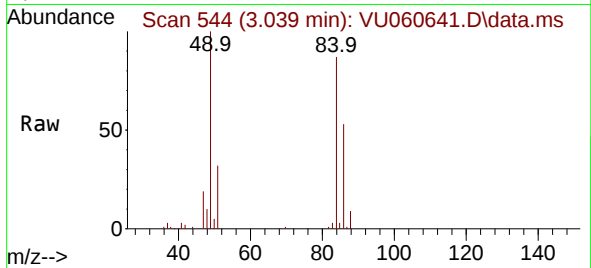




#15
Methylene Chloride
Concen: 4.465 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

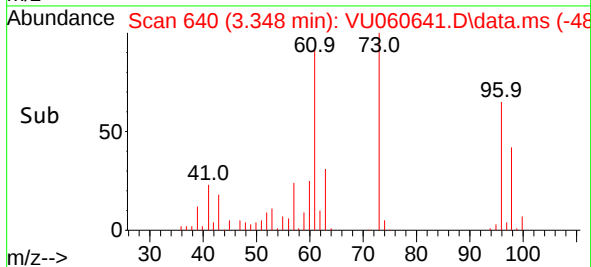
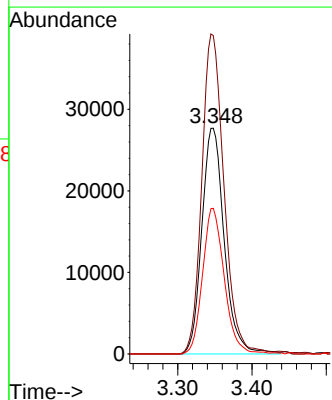
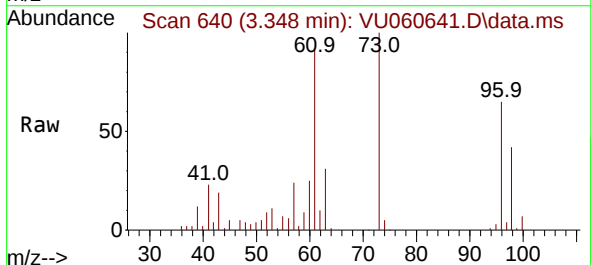
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

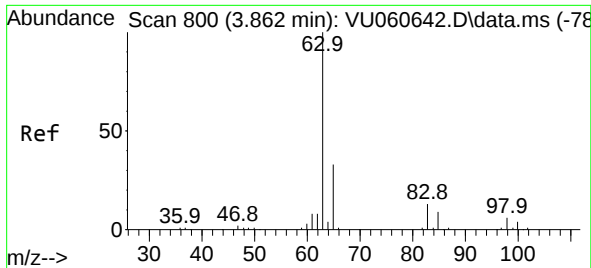
Tgt Ion:	84	Resp:	63638
Ion	Ratio	Lower	Upper
84	100		
49	114.9	92.8	139.2
51	36.6	0.0	75.4
86	61.4	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 4.740 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:	96	Resp:	57984
Ion	Ratio	Lower	Upper
96	100		
61	141.0	113.3	169.9
98	64.5	50.0	75.0

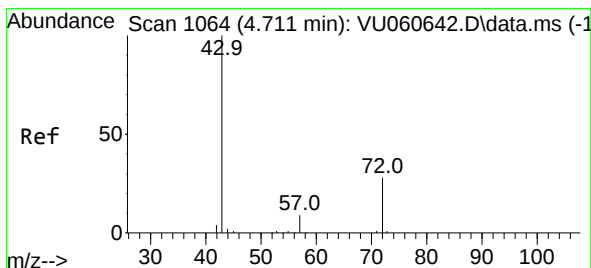
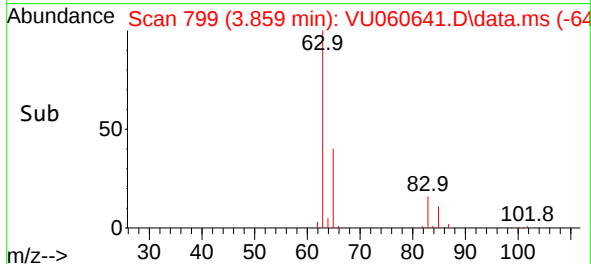
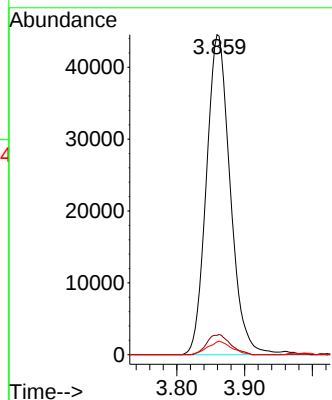
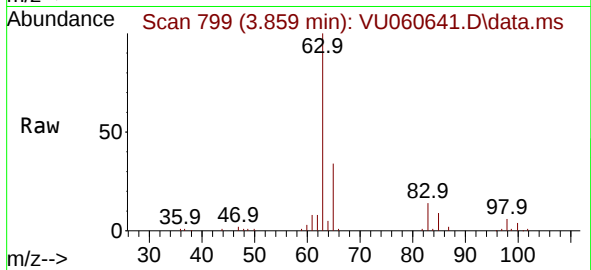




#17
1,1-Dichloroethane
Concen: 4.619 ug/l
RT: 3.859 min Scan# 79
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

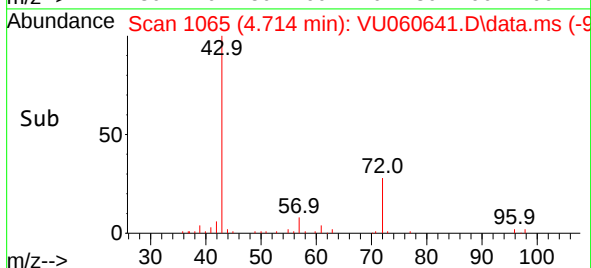
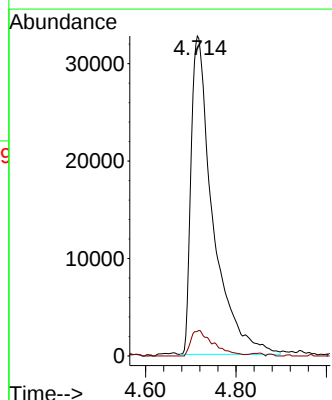
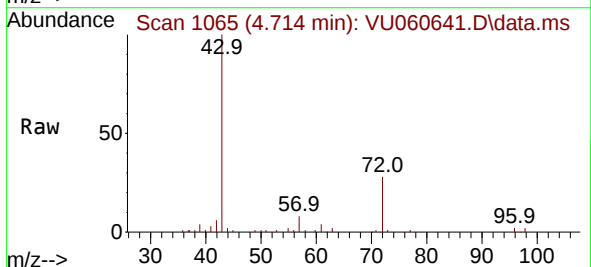
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

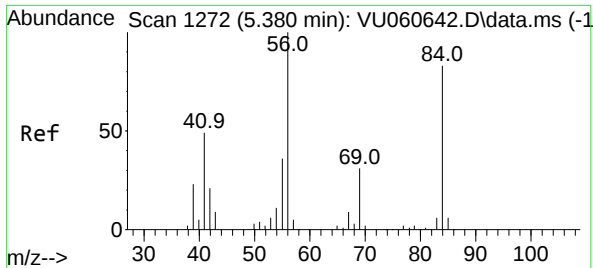
Tgt Ion: 63 Resp: 108599
Ion Ratio Lower Upper
63 100
98 6.8 3.1 9.4
100 4.0 2.1 6.5



#18
2-Butanone
Concen: 25.005 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 43 Resp: 109291
Ion Ratio Lower Upper
43 100
57 7.8 0.0 18.8

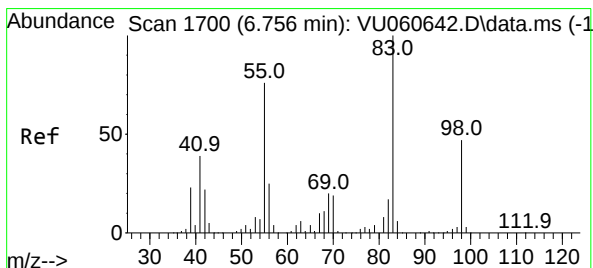
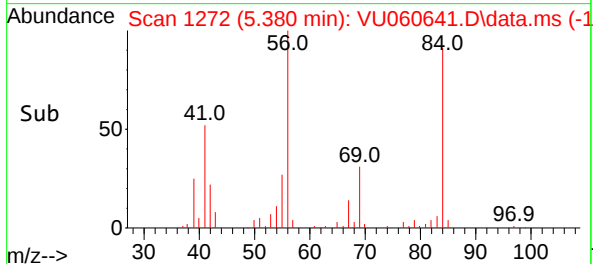
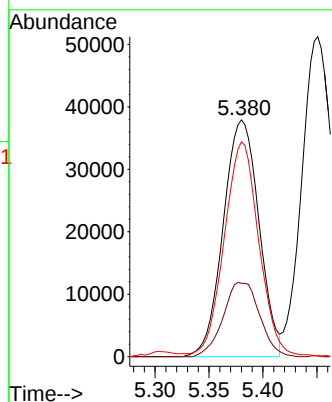
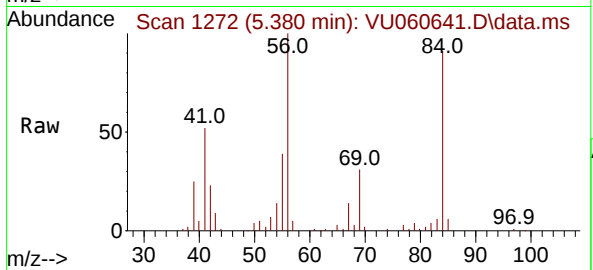




#19
Cyclohexane
Concen: 4.329 ug/l m
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

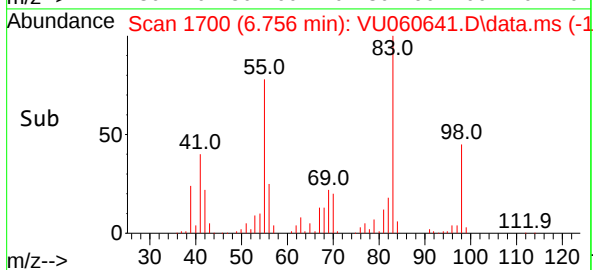
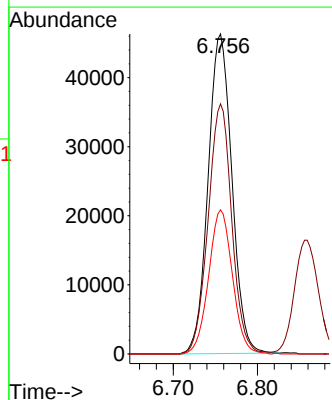
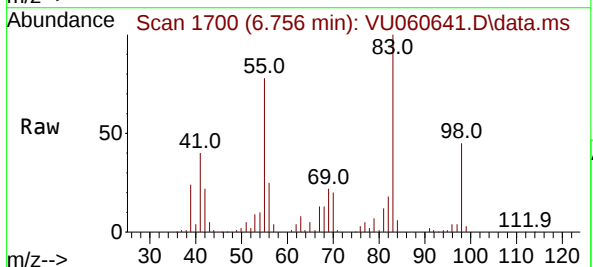
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

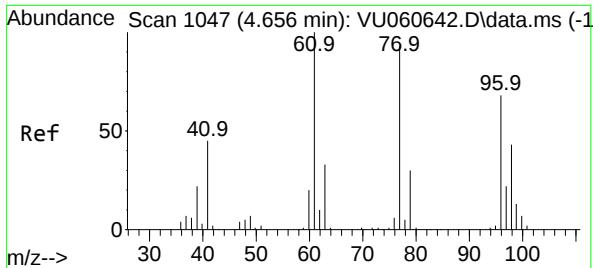
Tgt Ion: 56 Resp: 87335
Ion Ratio Lower Upper
56 100
69 32.0 24.7 37.1
84 85.8 67.6 101.4



#20
Methylcyclohexane
Concen: 5.542 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 83 Resp: 90796
Ion Ratio Lower Upper
83 100
55 77.0 61.6 92.4
98 45.1 37.3 55.9





#21

2,2-Dichloropropane

Concen: 4.723 ug/l

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

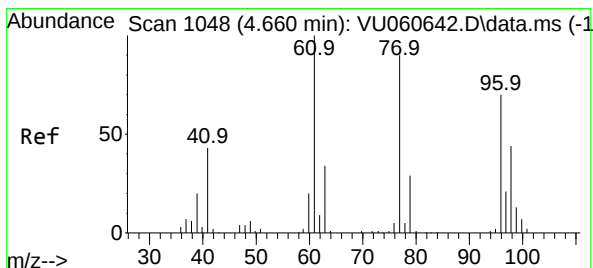
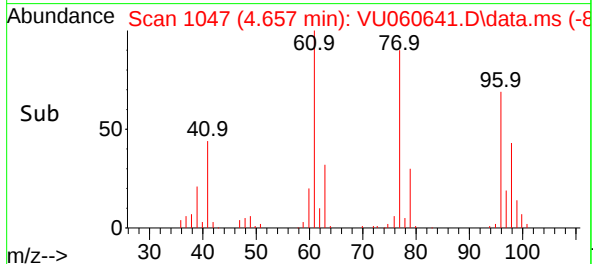
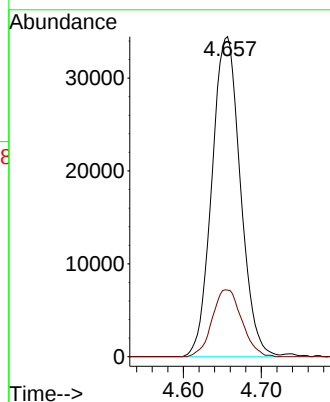
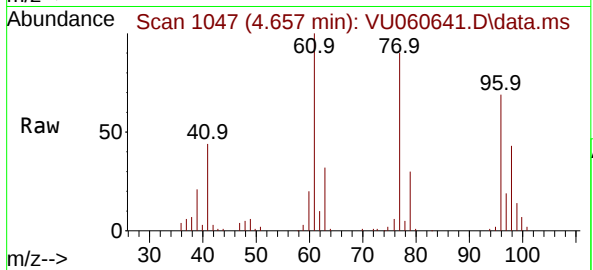
VSTDIC005

Tgt Ion: 77 Resp: 87563

Ion Ratio Lower Upper

77 100

97 21.7 18.3 27.5



#22

cis-1,2-Dichloroethene

Concen: 4.635 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

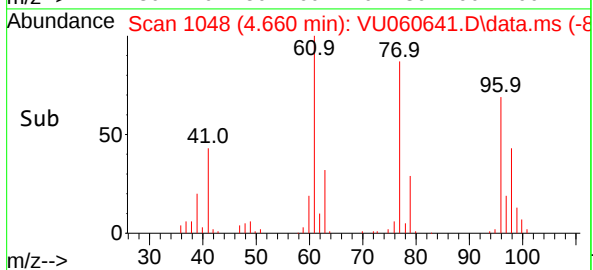
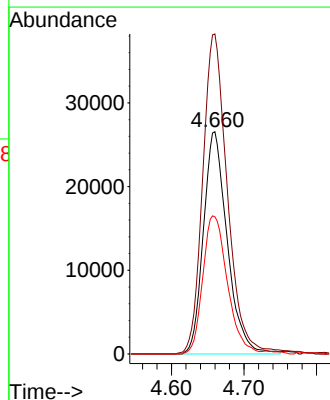
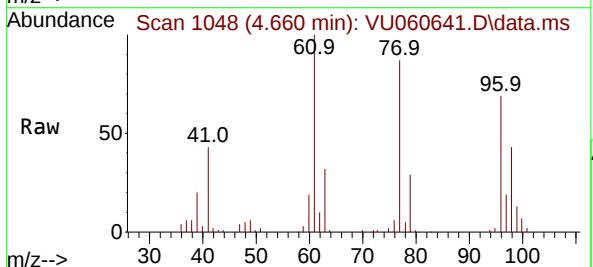
Tgt Ion: 96 Resp: 60745

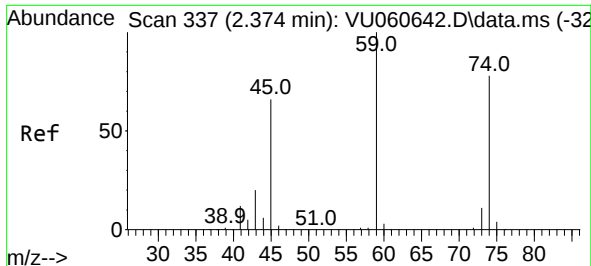
Ion Ratio Lower Upper

96 100

61 149.7 0.0 374.5

98 63.9 32.8 98.4





#23

Diethyl Ether

Concen: 4.428 ug/l

RT: 2.370 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

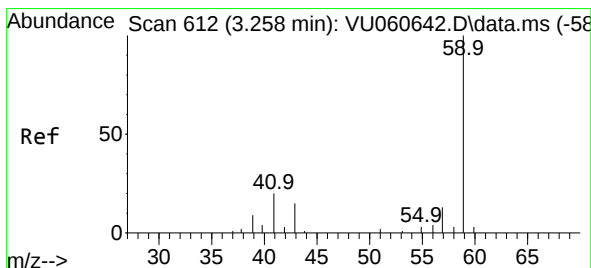
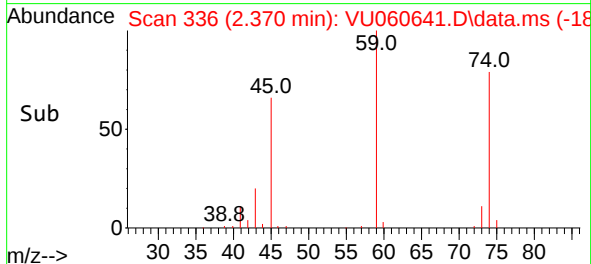
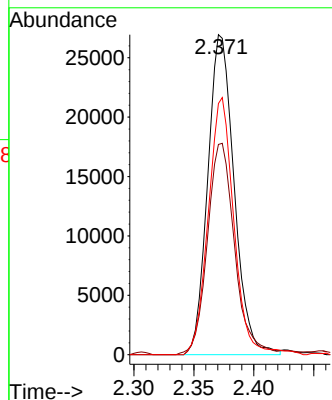
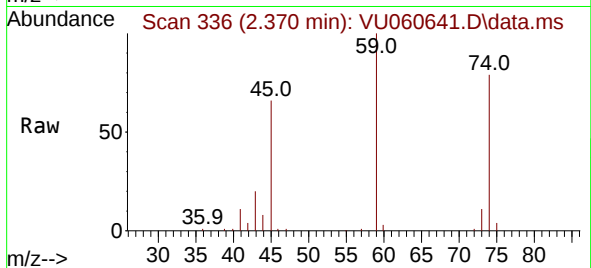
Tgt Ion: 59 Resp: 41276

Ion Ratio Lower Upper

59 100

45 67.9 53.0 79.4

74 78.1 61.6 92.4



#24

tert-Butyl Alcohol

Concen: 35.444 ug/l m

RT: 3.284 min Scan# 620

Delta R.T. 0.026 min

Lab File: VU060641.D

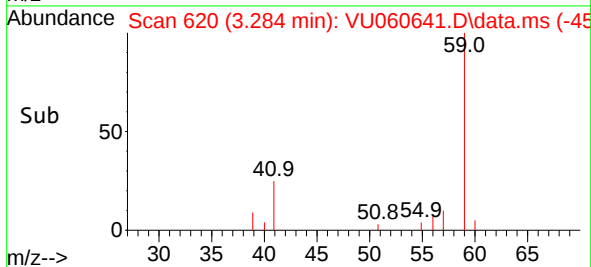
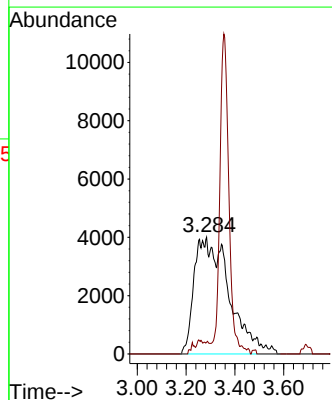
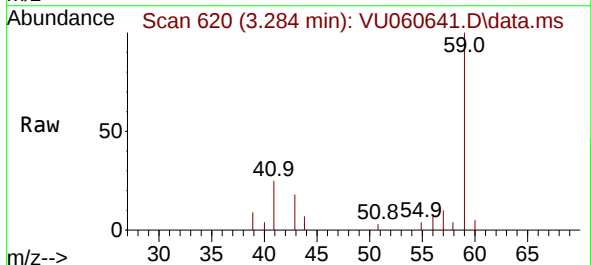
Acq: 06 Sep 2024 13:05

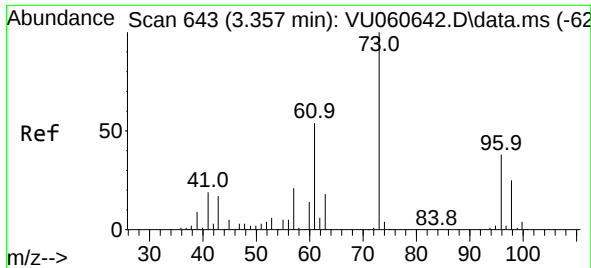
Tgt Ion: 59 Resp: 40079

Ion Ratio Lower Upper

59 100

57 64.4 2.4 3.6#

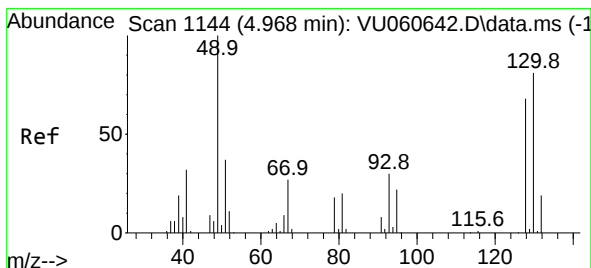
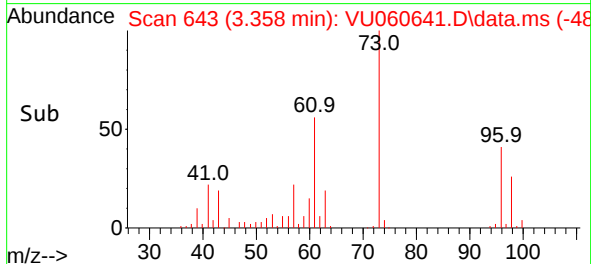
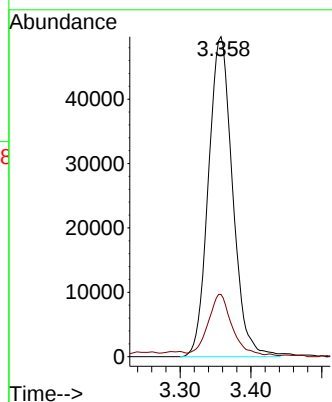
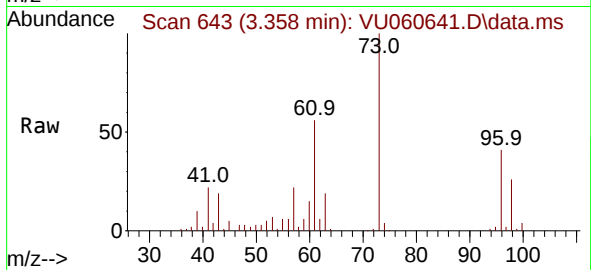




#25
Methyl tert-Butyl Ether
Concen: 4.198 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

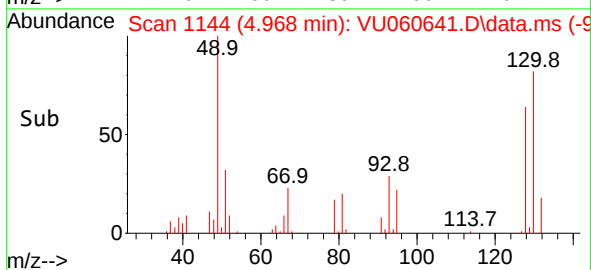
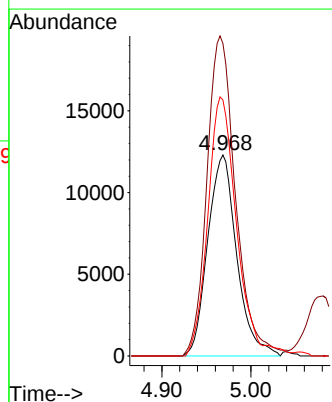
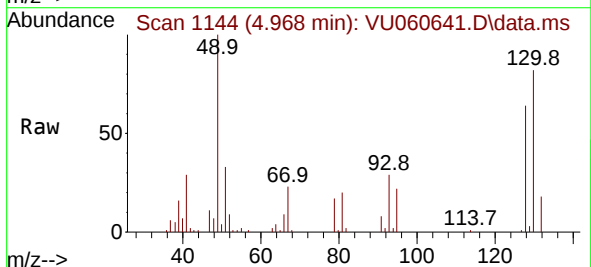
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

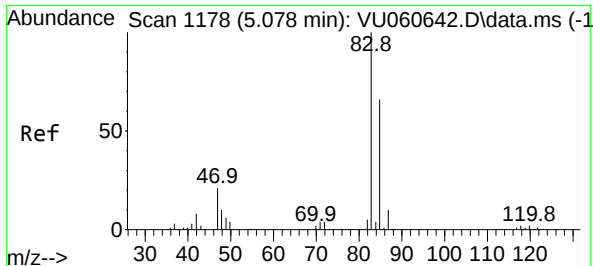
Tgt Ion: 73 Resp: 117685
Ion Ratio Lower Upper
73 100
43 18.2 14.4 21.6



#26
Bromochloromethane
Concen: 4.953 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 128 Resp: 27802
Ion Ratio Lower Upper
128 100
49 157.6 0.0 315.6
130 128.1 101.6 152.4





#27

Chloroform

Concen: 4.891 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

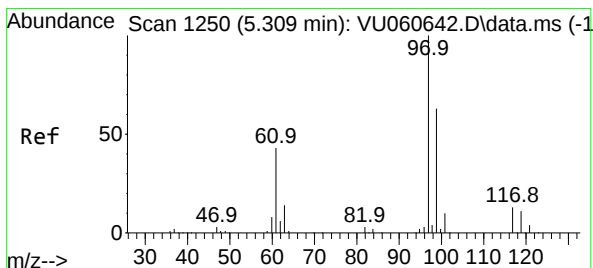
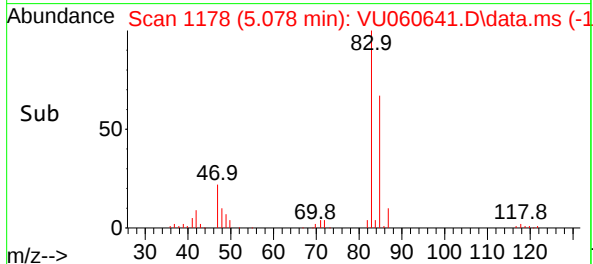
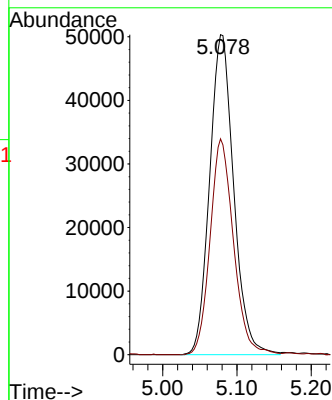
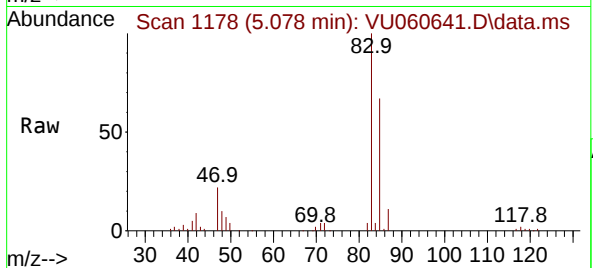
VSTDIC005

Tgt Ion: 83 Resp: 113407

Ion Ratio Lower Upper

83 100

85 67.4 0.0 131.4



#28

1,1,1-Trichloroethane

Concen: 5.197 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

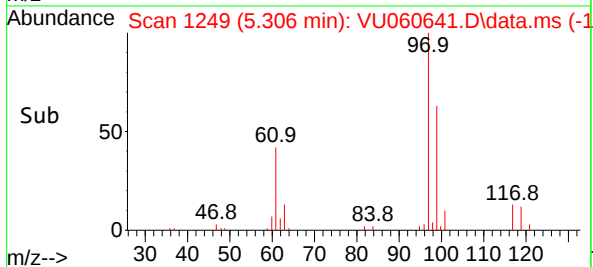
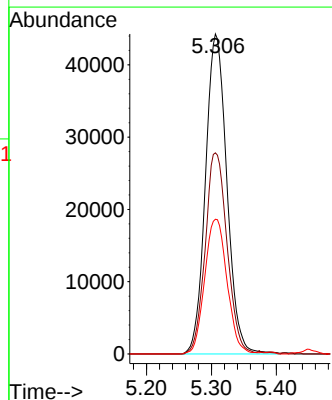
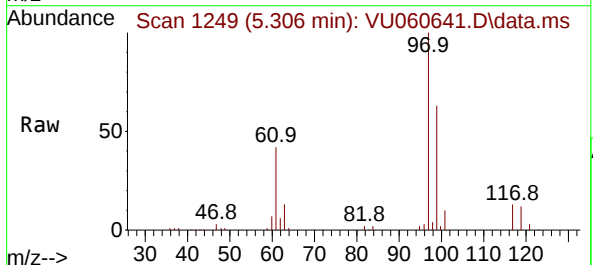
Tgt Ion: 97 Resp: 101483

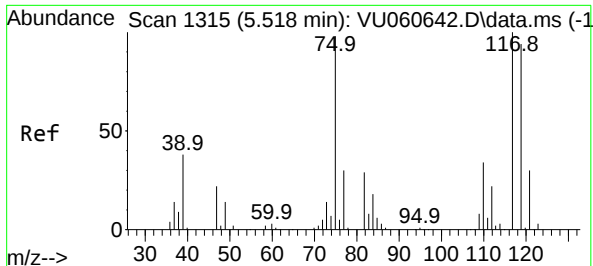
Ion Ratio Lower Upper

97 100

99 64.3 32.1 96.5

61 44.0 21.6 65.0





#29

1,1-Dichloropropene

Concen: 5.075 ug/l

RT: 5.521 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

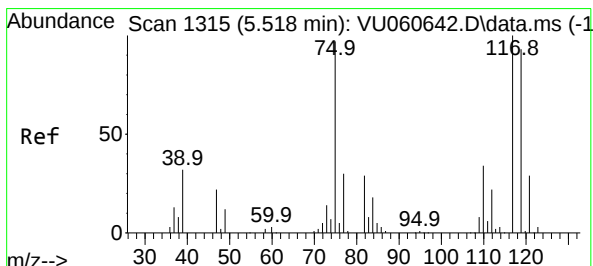
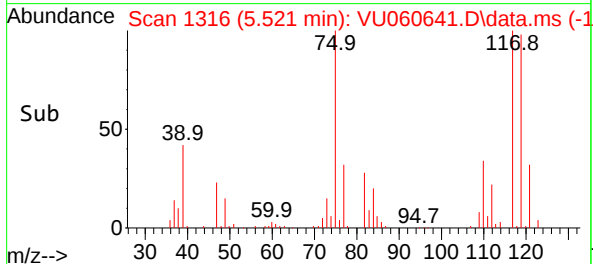
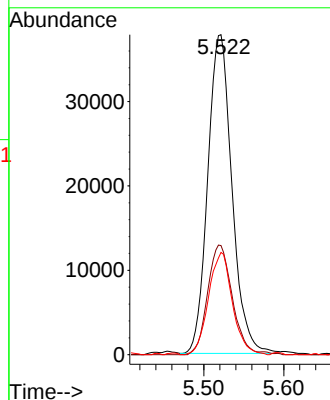
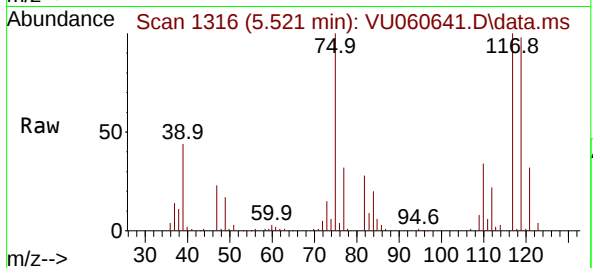
Tgt Ion: 75 Resp: 79648

Ion Ratio Lower Upper

75 100

110 34.7 17.3 52.0

77 31.5 25.0 37.4



#30

Carbon Tetrachloride

Concen: 5.530 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

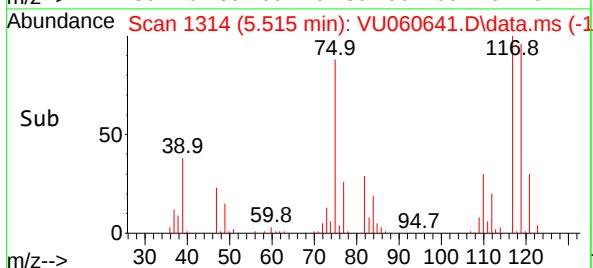
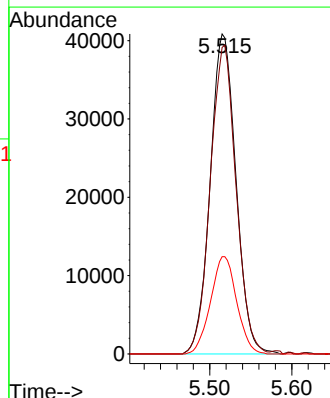
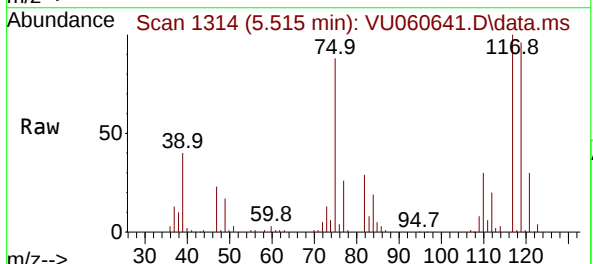
Tgt Ion: 117 Resp: 89291

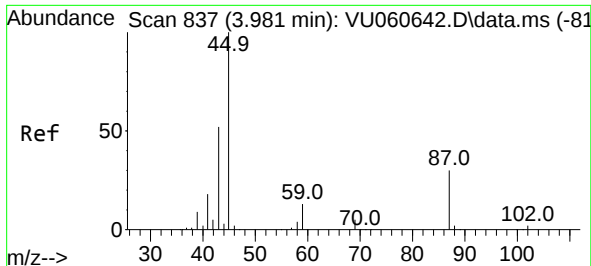
Ion Ratio Lower Upper

117 100

119 95.8 74.7 112.1

121 30.4 23.6 35.4

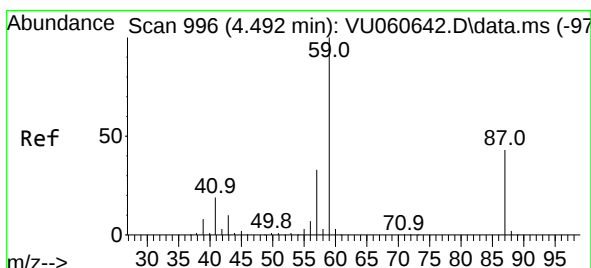
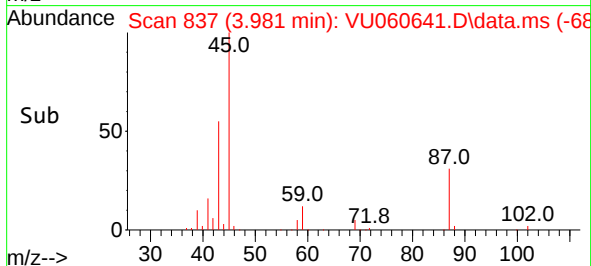
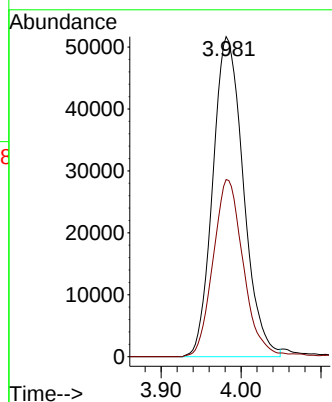
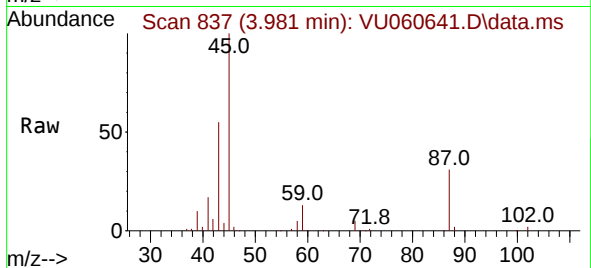




#31
Isopropyl Ether
Concen: 4.046 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

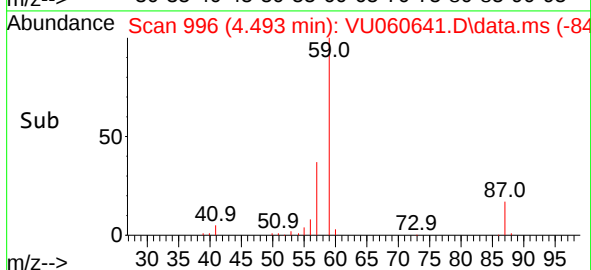
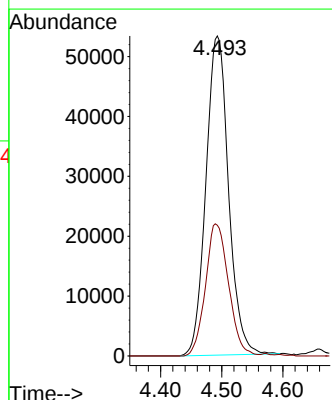
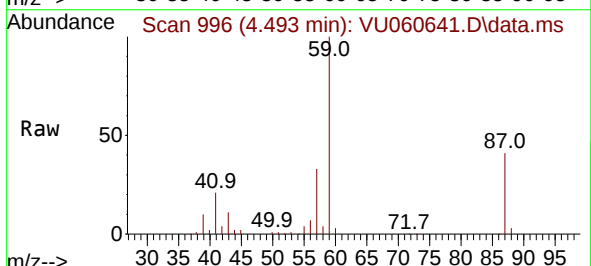
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

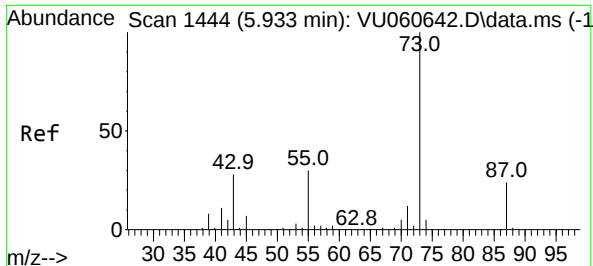
Tgt Ion: 45 Resp: 137308
Ion Ratio Lower Upper
45 100
43 54.5 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 4.158 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 59 Resp: 137062
Ion Ratio Lower Upper
59 100
87 41.6 33.6 50.4

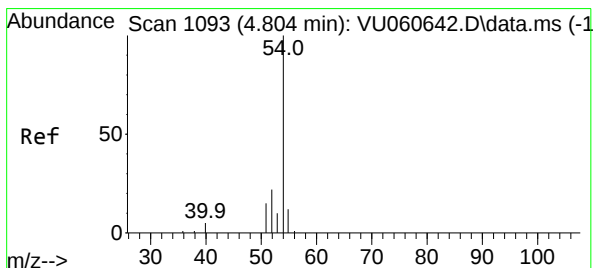
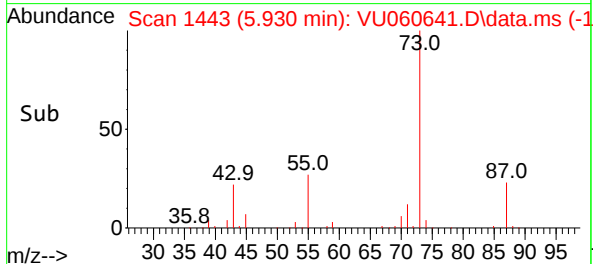
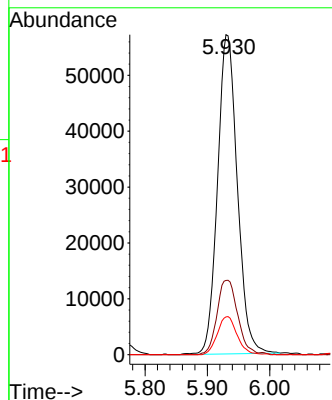
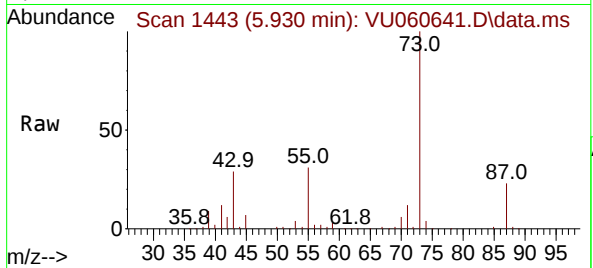




#33
Tert-Amyl methyl ether
Concen: 5.222 ug/l
RT: 5.930 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

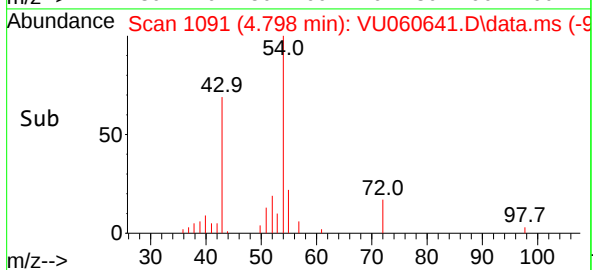
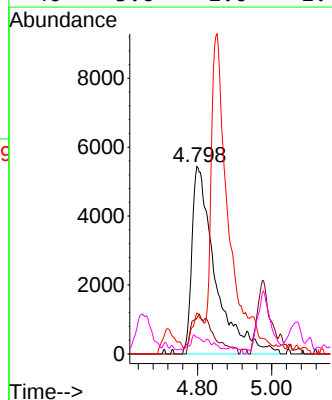
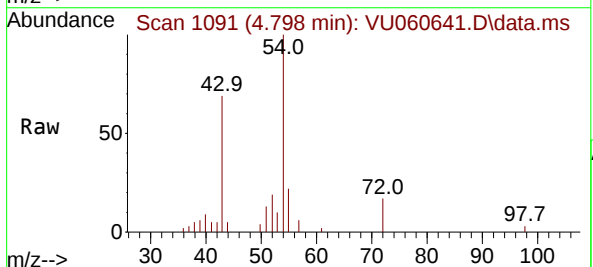
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

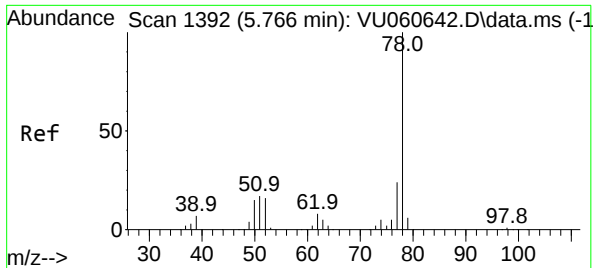
Tgt Ion: 73 Resp: 125904
Ion Ratio Lower Upper
73 100
87 23.5 19.8 29.8
71 11.6 9.2 13.8



#34
Propionitrile
Concen: 19.971 ug/l m
RT: 4.798 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 54 Resp: 23809
Ion Ratio Lower Upper
54 100
52 9.9 12.2 18.2#
55 8.4 3.5 5.3#
40 3.6 1.0 1.4#

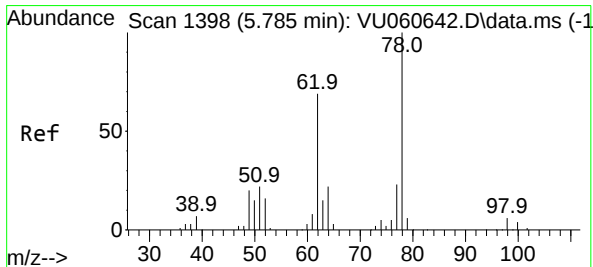
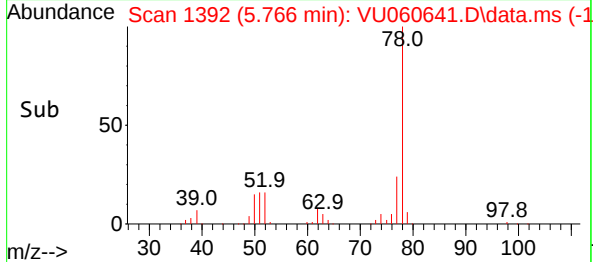
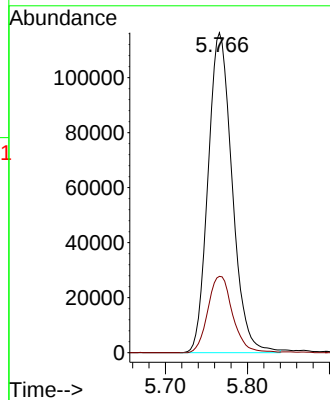
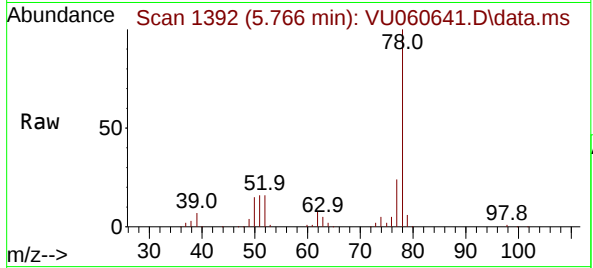




#35
Benzene
Concen: 4.995 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

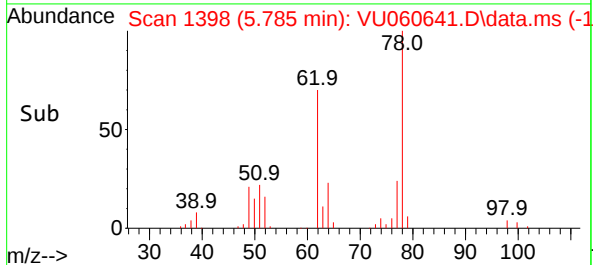
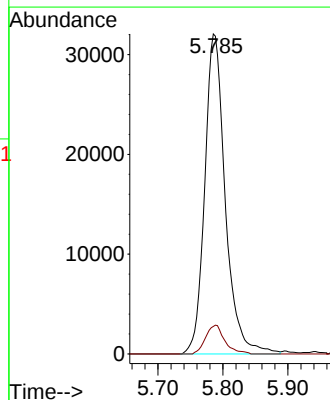
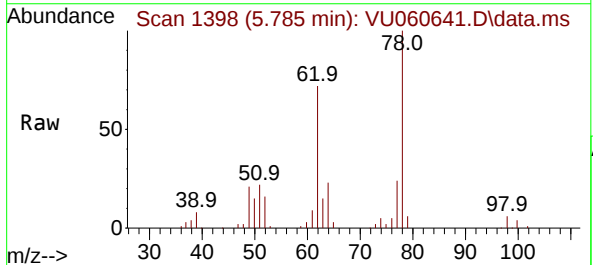
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

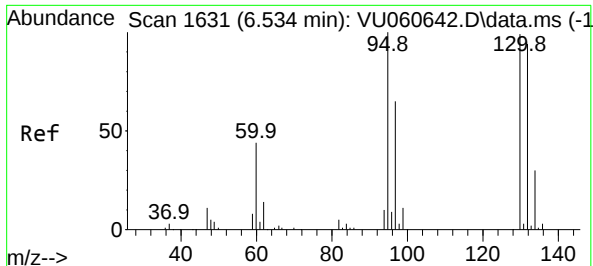
Tgt Ion: 78 Resp: 237471
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



#36
1,2-Dichloroethane
Concen: 5.259 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 62 Resp: 70684
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3





#37

Trichloroethene

Concen: 5.296 ug/l

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

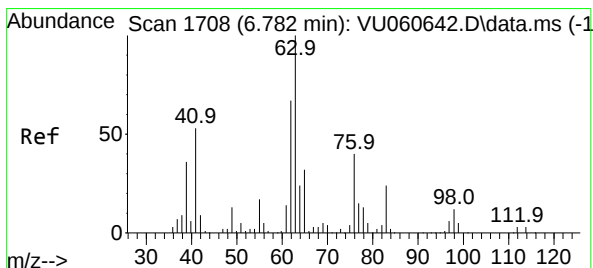
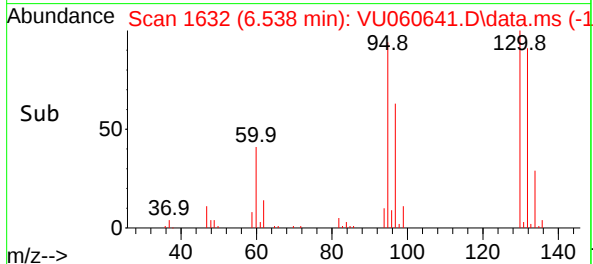
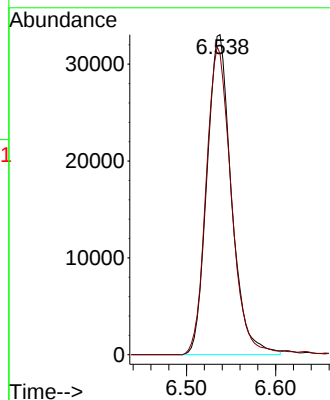
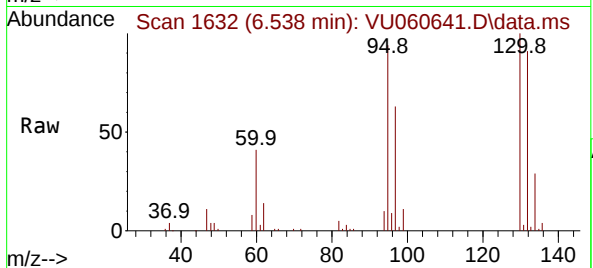
VSTDIC005

Tgt Ion:130 Resp: 62883

Ion Ratio Lower Upper

130 100

95 94.1 80.9 121.3



#38

1,2-Dichloropropane

Concen: 4.945 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VU060641.D

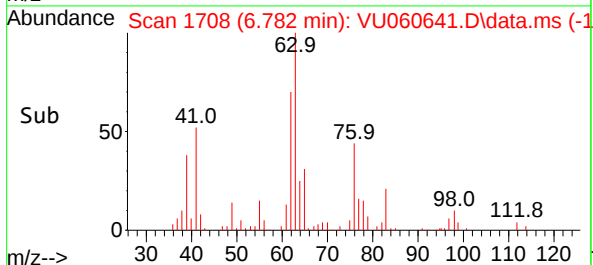
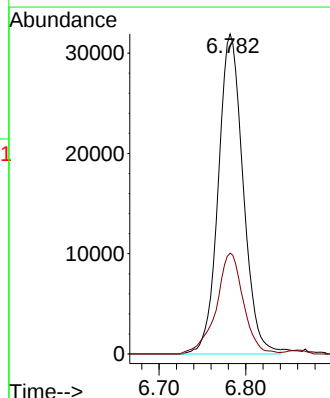
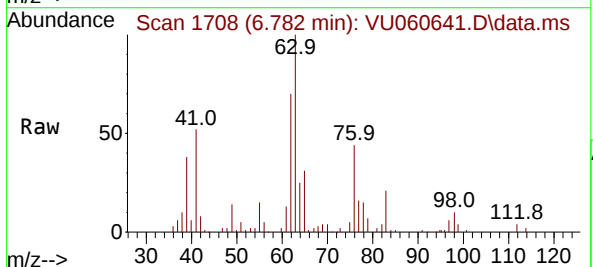
Acq: 06 Sep 2024 13:05

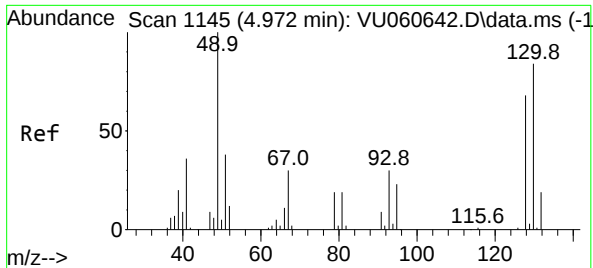
Tgt Ion: 63 Resp: 63486

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.6





#39

Methacrylonitrile

Concen: 3.520 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 15001

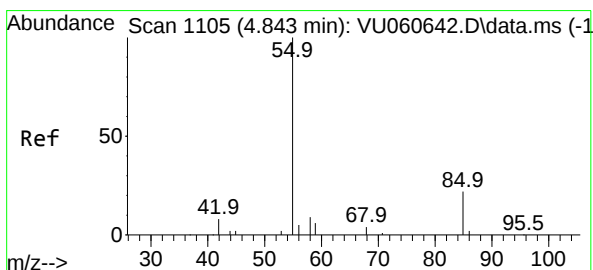
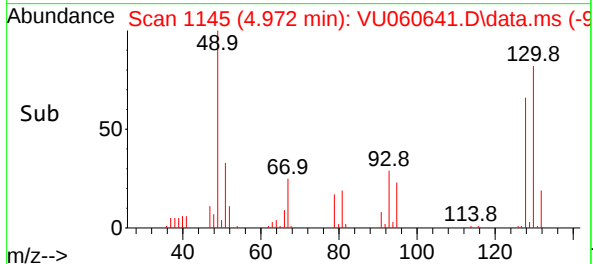
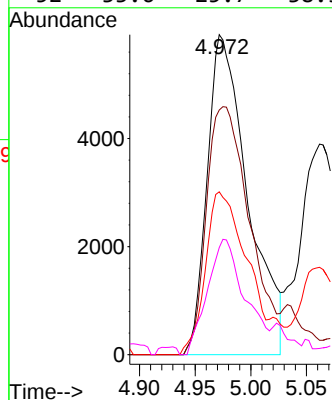
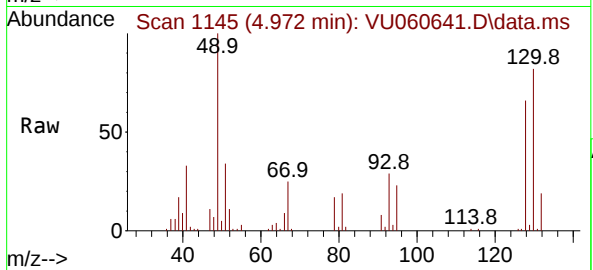
Ion Ratio Lower Upper

41 100

67 81.9 72.6 109.0

39 51.7 42.8 64.2

52 33.6 25.7 38.5



#40

Methyl acrylate

Concen: 3.924 ug/l m

RT: 4.853 min Scan# 1108

Delta R.T. 0.010 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Tgt Ion: 55 Resp: 29733

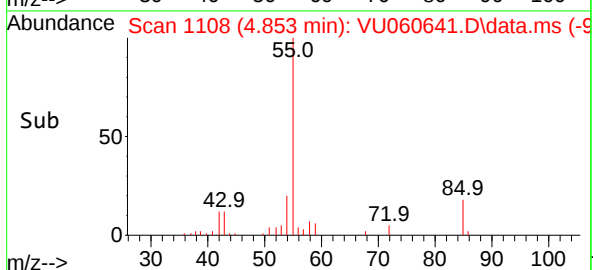
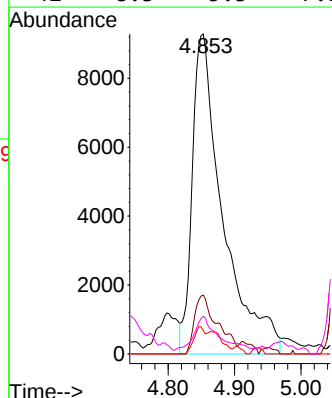
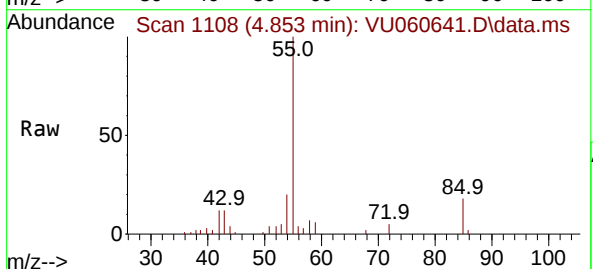
Ion Ratio Lower Upper

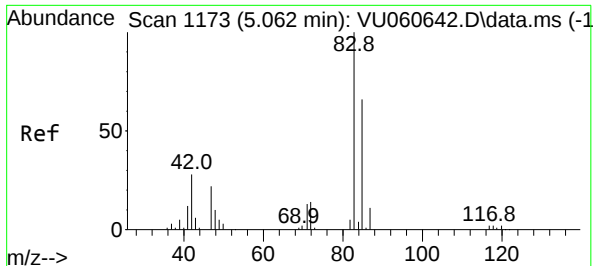
55 100

85 13.8 12.2 18.4

58 3.0 6.3 9.5#

42 8.3 5.3 7.9#





#41

Tetrahydrofuran

Concen: 7.553 ug/l m

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

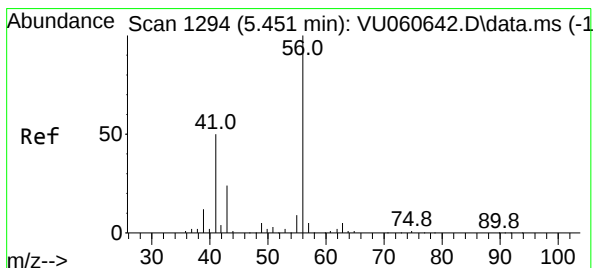
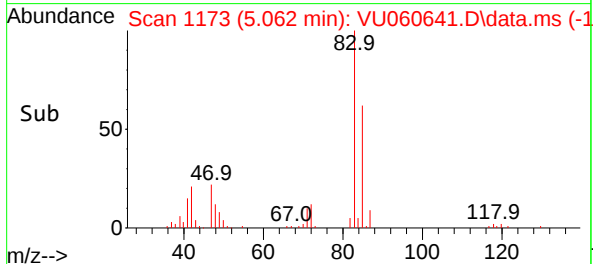
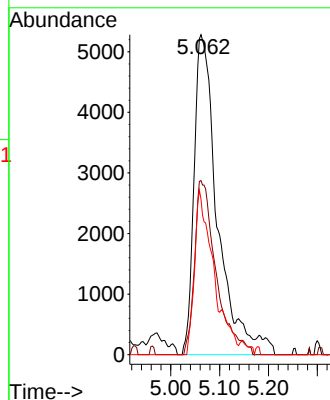
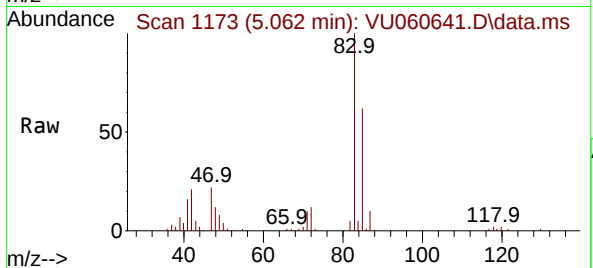
Tgt Ion: 42 Resp: 17680

Ion Ratio Lower Upper

42 100

72 49.8 40.4 60.6

71 35.8 33.8 50.6



#42

1-Chlorobutane

Concen: 5.122 ug/l

RT: 5.451 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VU060641.D

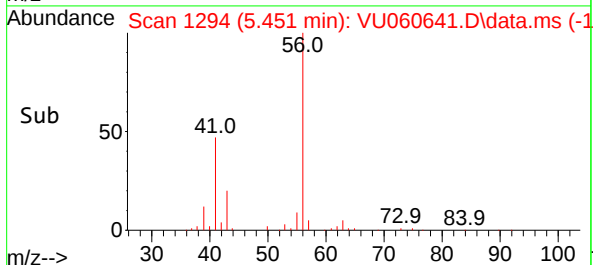
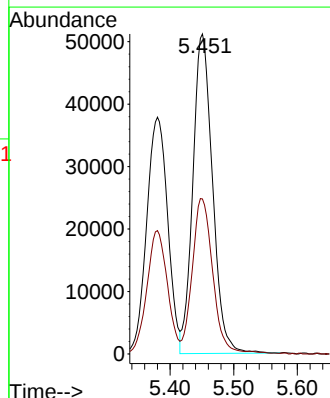
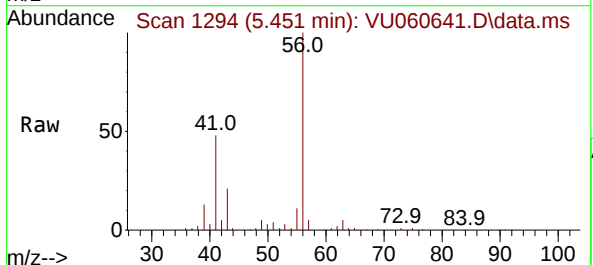
Acq: 06 Sep 2024 13:05

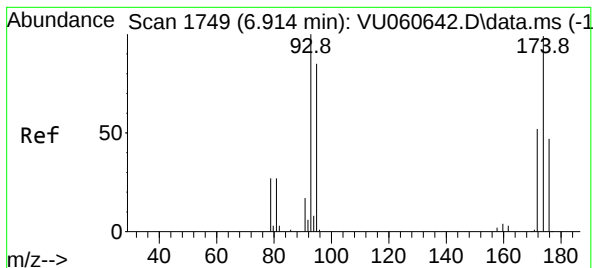
Tgt Ion: 56 Resp: 109879

Ion Ratio Lower Upper

56 100

41 48.8 24.9 74.6





#43

Dibromomethane

Concen: 4.834 ug/l

RT: 6.910 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

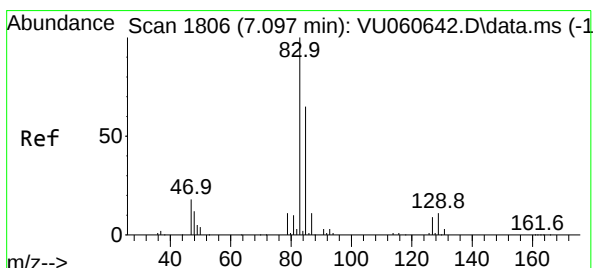
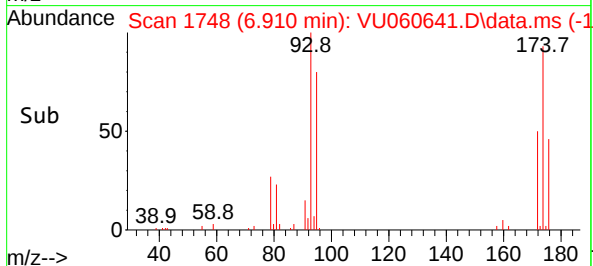
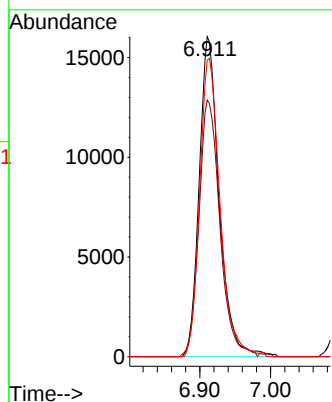
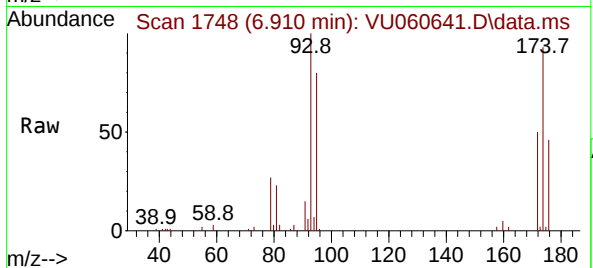
Tgt Ion: 93 Resp: 31417

Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 94.7 76.2 114.4



#44

Bromodichloromethane

Concen: 4.951 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

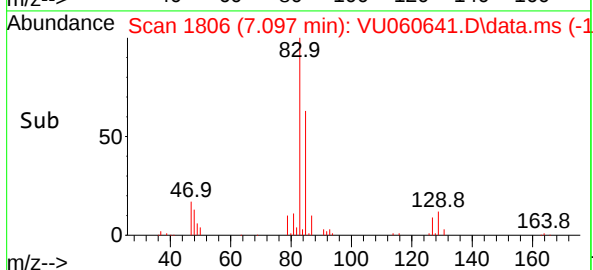
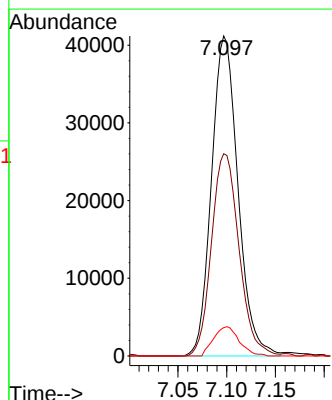
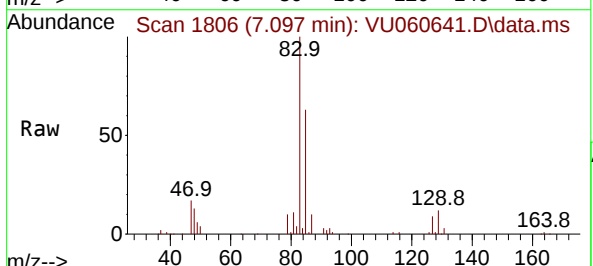
Tgt Ion: 83 Resp: 77817

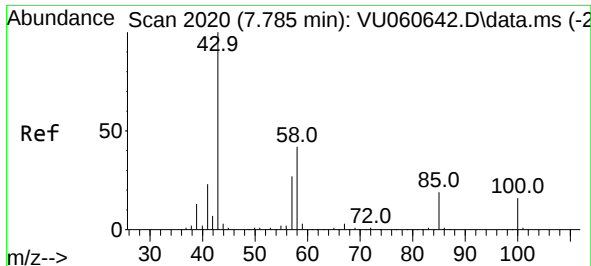
Ion Ratio Lower Upper

83 100

85 63.2 52.2 78.4

127 8.8 8.1 12.1

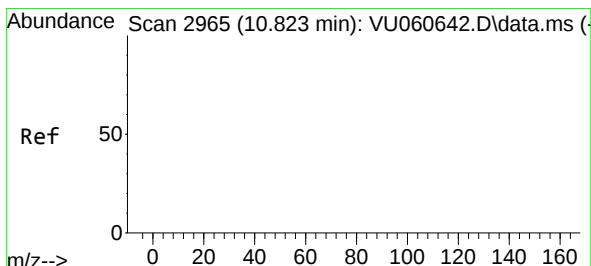
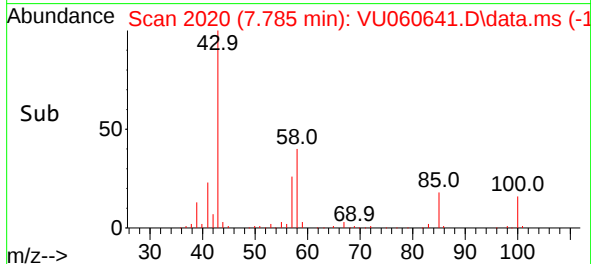
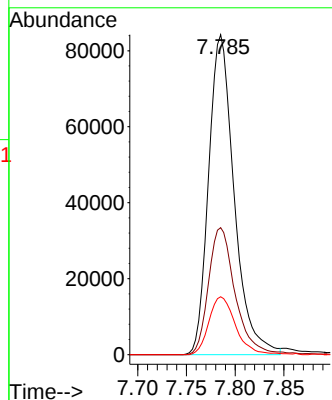
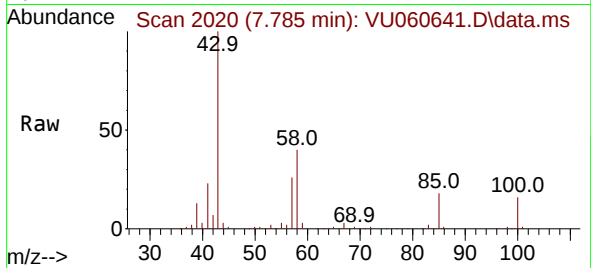




#45
4-Methyl-2-Pentanone
Concen: 24.838 ug/l
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

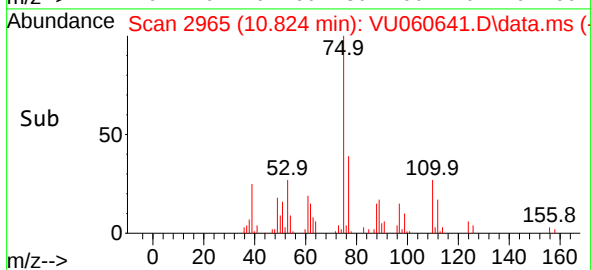
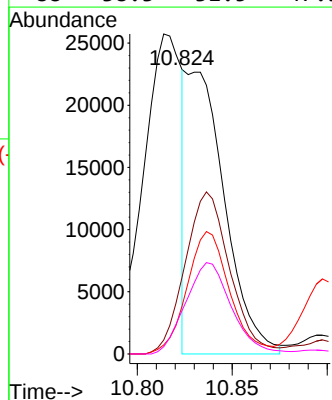
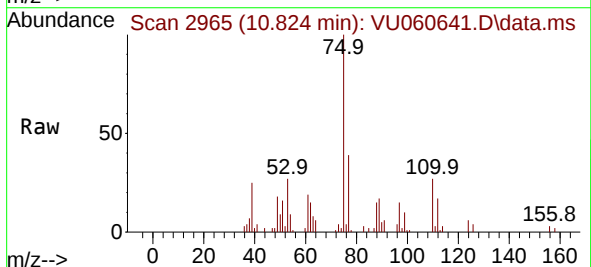
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

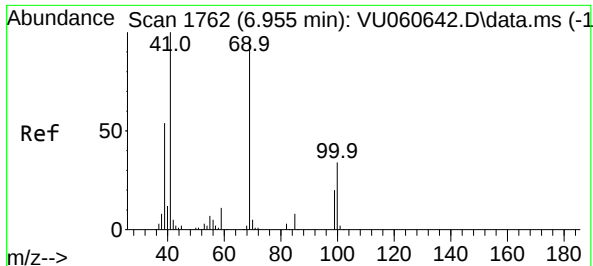
Tgt Ion: 43 Resp: 153609
Ion Ratio Lower Upper
43 100
58 41.6 21.2 63.6
85 19.0 15.2 22.8



#46
t-1,4-Dichloro-2-butene
Concen: 9.365 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 75 Resp: 32105
Ion Ratio Lower Upper
75 100
53 66.5 55.5 83.3
89 48.2 36.8 55.2
88 38.3 31.5 47.3





#47

Methyl methacrylate

Concen: 10.184 ug/l

RT: 6.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 53635

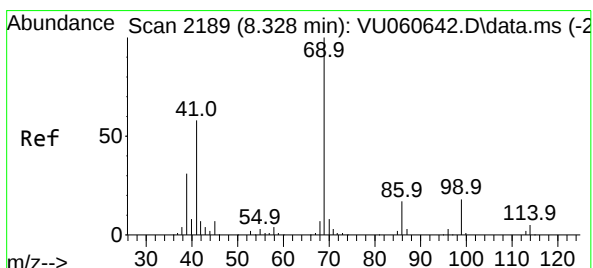
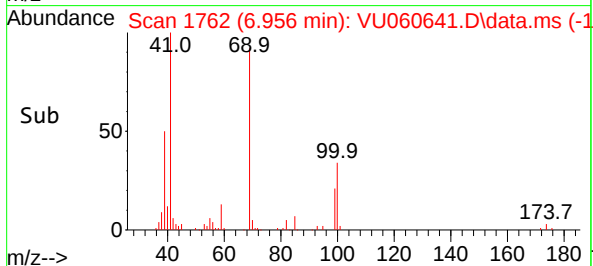
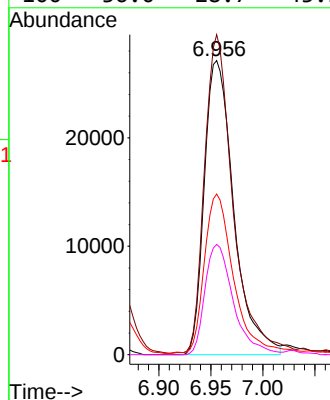
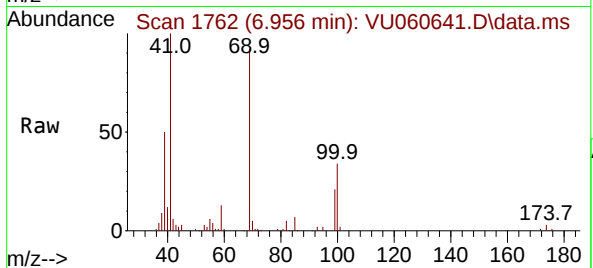
Ion Ratio Lower Upper

69 100

41 103.9 0.0 211.8

39 52.5 45.1 67.7

100 36.0 28.7 43.1



#48

Ethyl methacrylate

Concen: 5.148 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VU060641.D

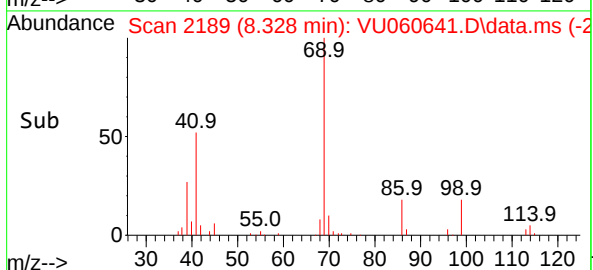
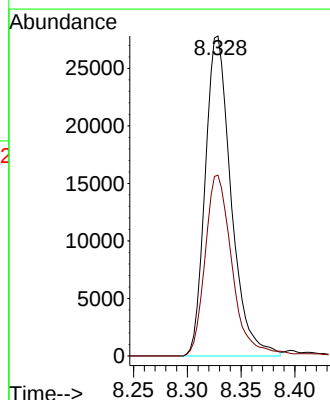
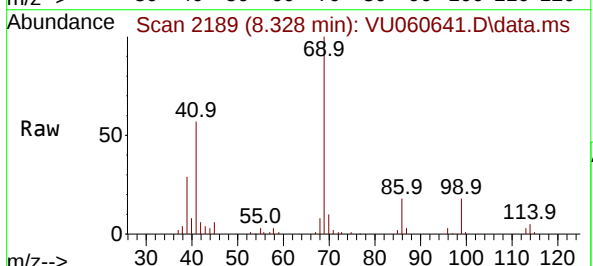
Acq: 06 Sep 2024 13:05

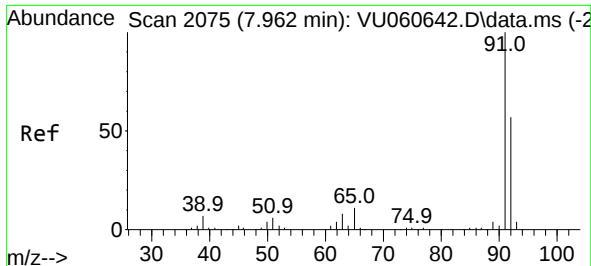
Tgt Ion: 69 Resp: 46607

Ion Ratio Lower Upper

69 100

41 58.9 28.9 86.7





#49

Toluene

Concen: 5.385 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

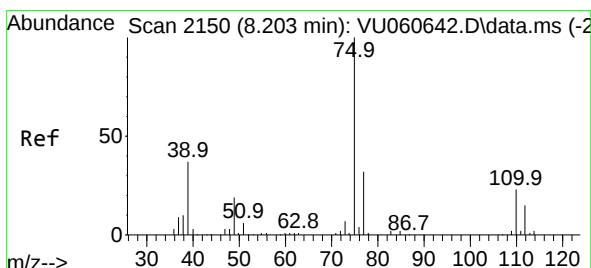
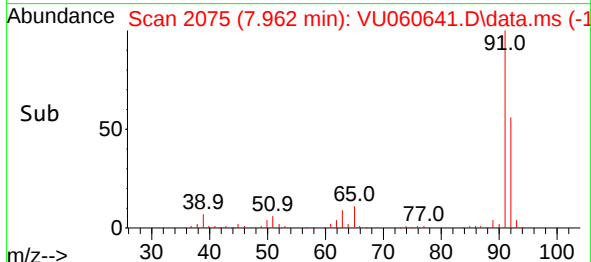
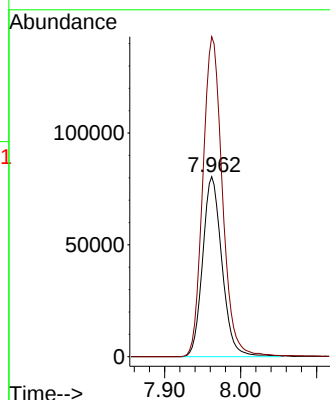
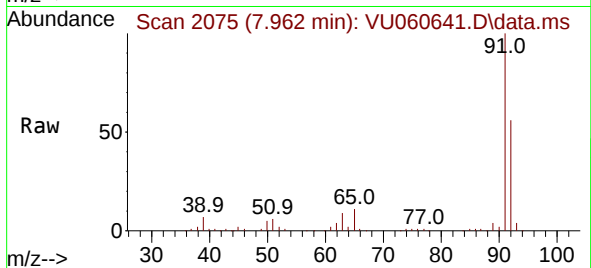
VSTDIC005

Tgt Ion: 92 Resp: 142087

Ion Ratio Lower Upper

92 100

91 180.0 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 5.378 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060641.D

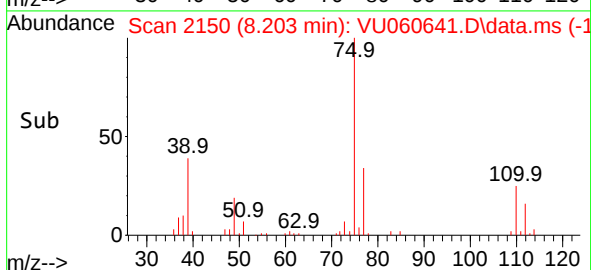
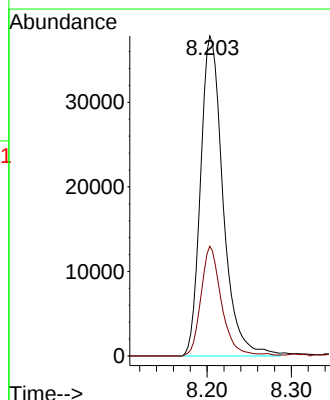
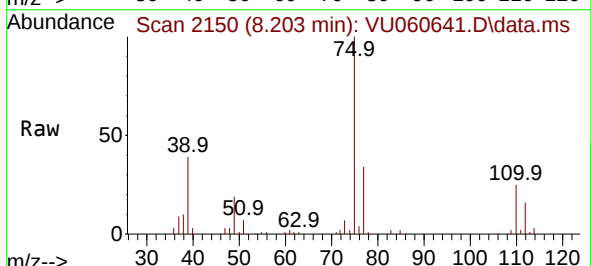
Acq: 06 Sep 2024 13:05

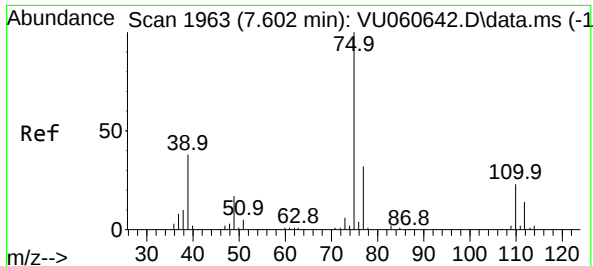
Tgt Ion: 75 Resp: 70343

Ion Ratio Lower Upper

75 100

77 34.2 25.2 37.8

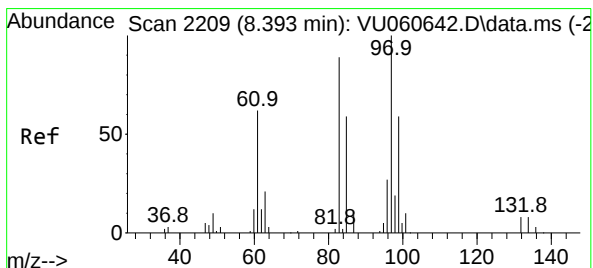
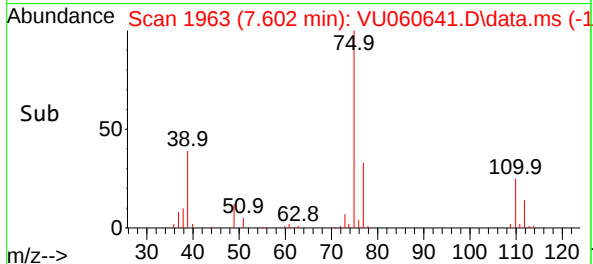
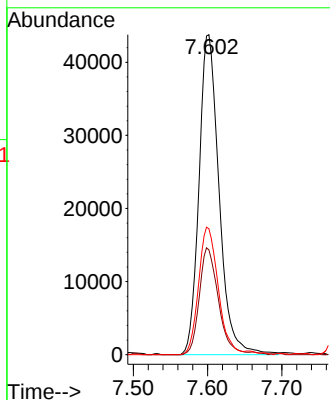
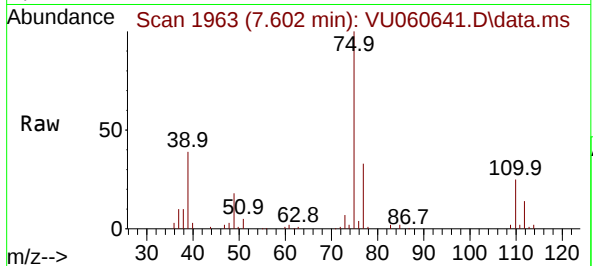




#51
 cis-1,3-Dichloropropene
 Concen: 5.234 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

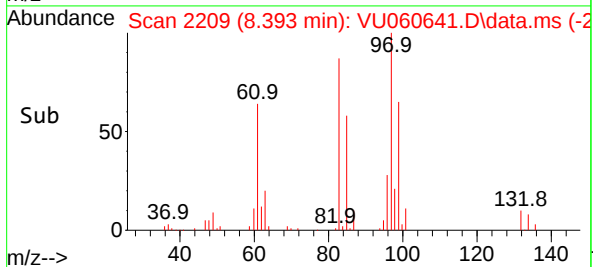
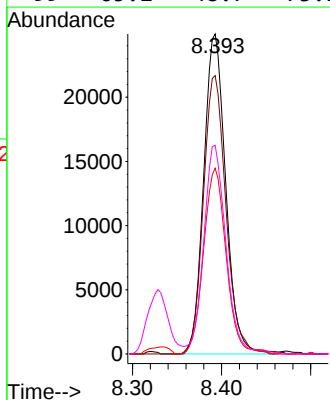
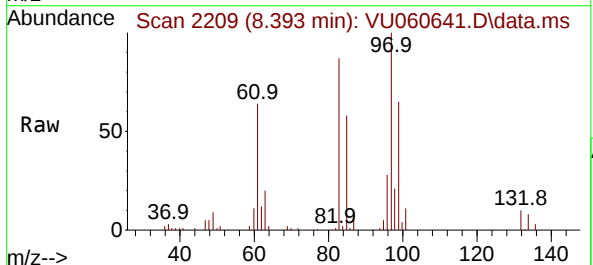
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

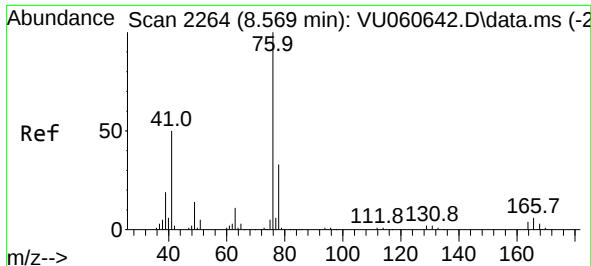
Tgt Ion:	75	Resp:	82232
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.2
39	39.4	30.7	46.1



#52
 1,1,2-Trichloroethane
 Concen: 4.527 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

Tgt Ion:	97	Resp:	42833
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.4	107.2
85	58.1	46.9	70.3
99	65.2	48.7	73.1





#53

1,3-Dichloropropane

Concen: 4.952 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

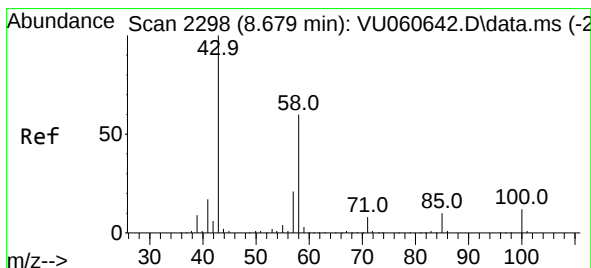
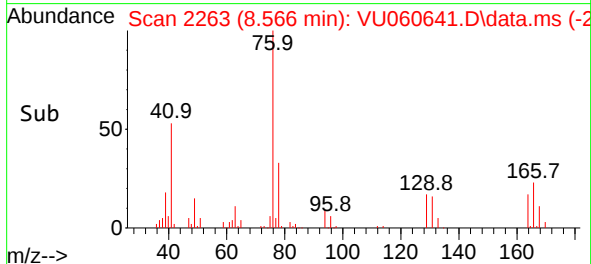
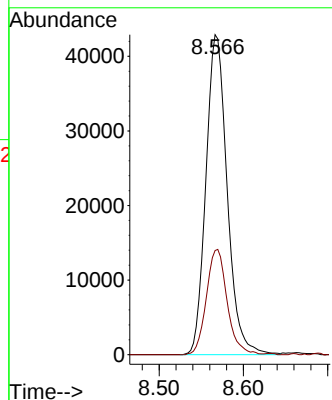
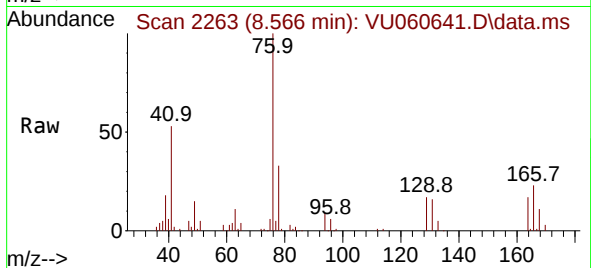
VSTDICC005

Tgt Ion: 76 Resp: 75433

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#54

2-Hexanone

Concen: 29.883 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

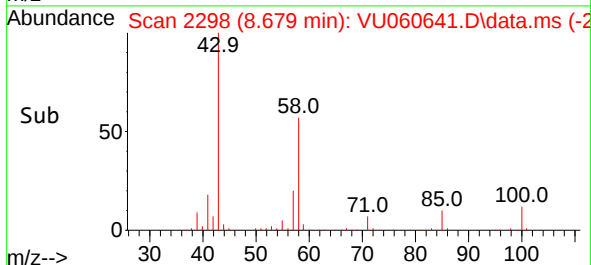
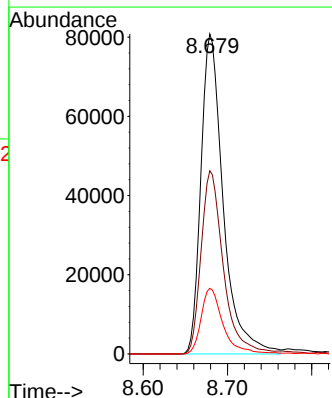
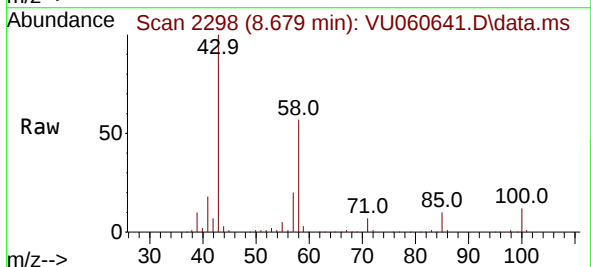
Tgt Ion: 43 Resp: 149163

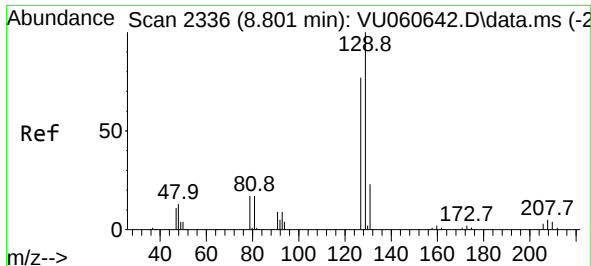
Ion Ratio Lower Upper

43 100

58 57.0 39.5 79.5

57 20.1 0.5 40.5

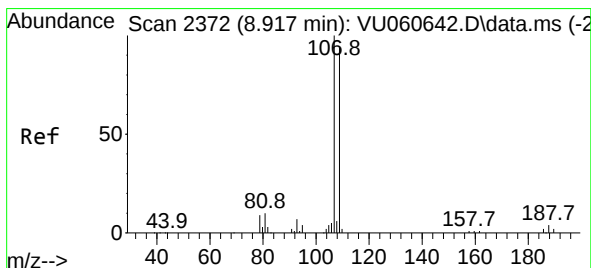
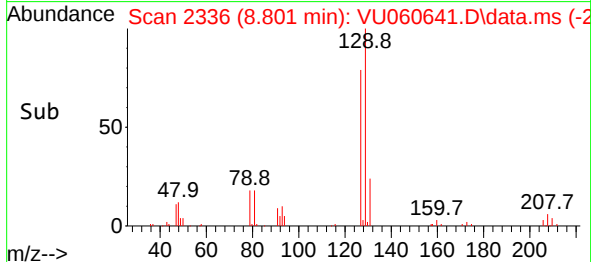
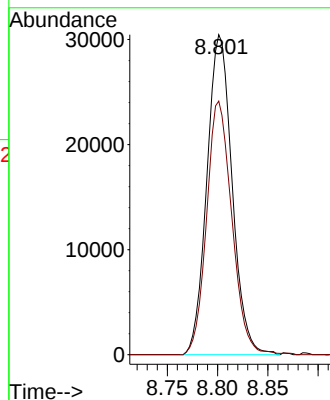
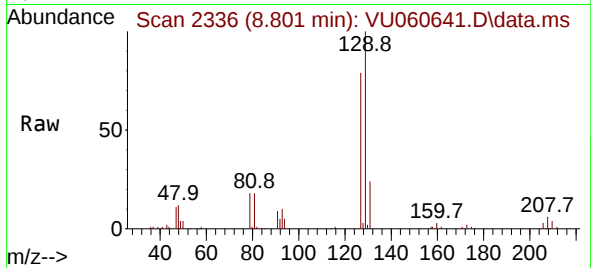




#55
Dibromochloromethane
Concen: 5.026 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

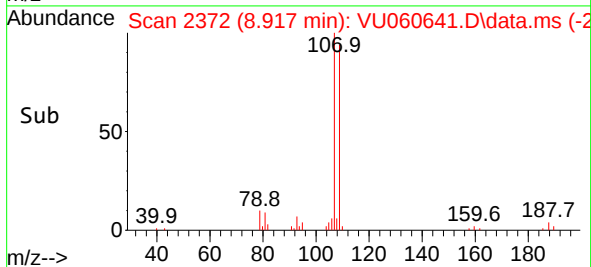
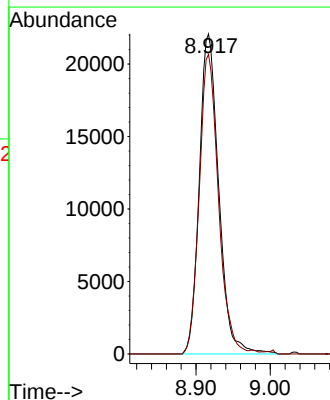
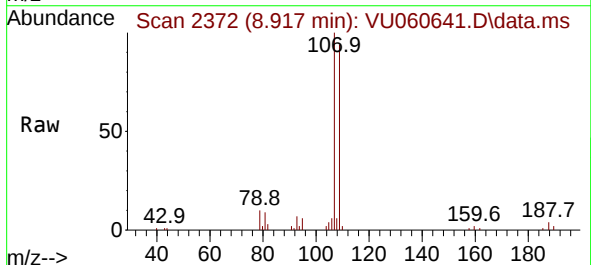
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

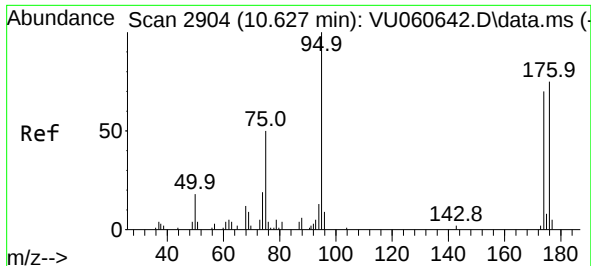
Tgt Ion:129 Resp: 53174
Ion Ratio Lower Upper
129 100
127 79.3 60.6 91.0



#56
1,2-Dibromoethane
Concen: 4.727 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:107 Resp: 40087
Ion Ratio Lower Upper
107 100
109 92.6 0.0 190.6

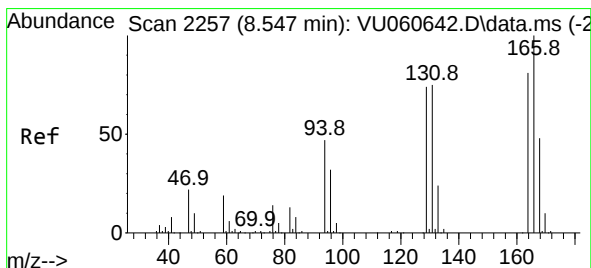
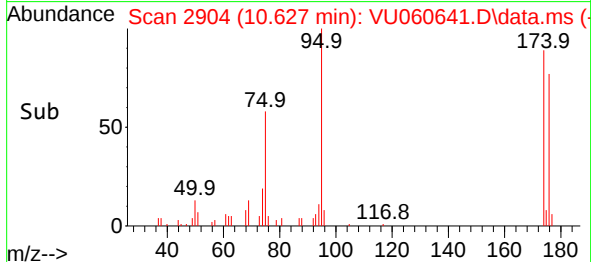
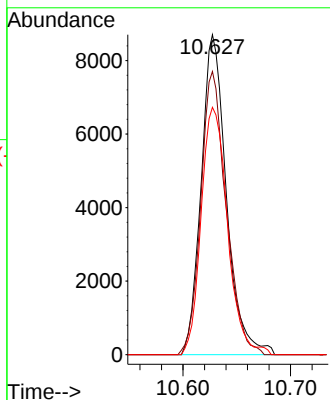
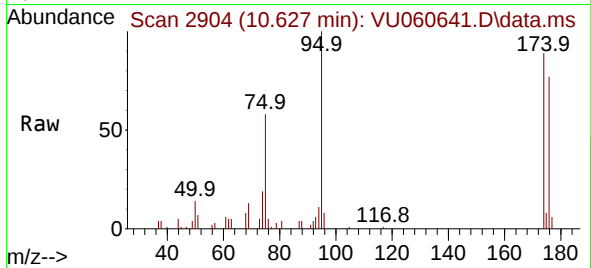




#57
4-Bromofluorobenzene
Concen: 1.066 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

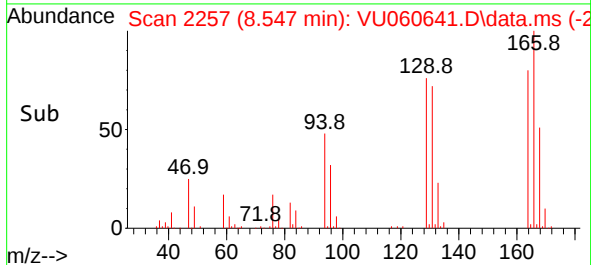
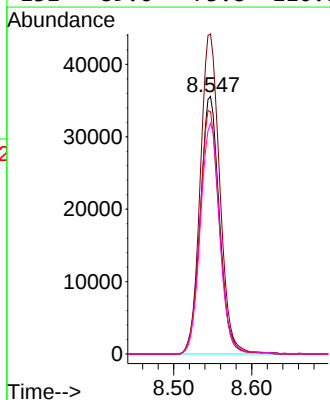
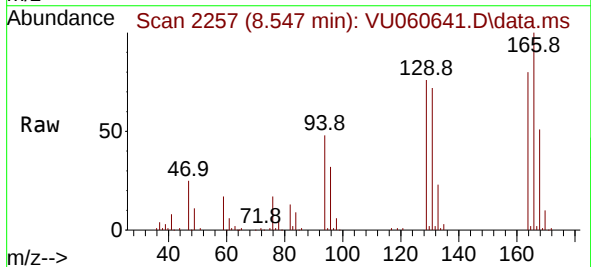
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

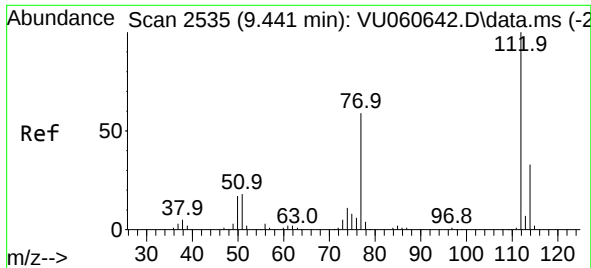
Tgt Ion: 95 Resp: 14113
Ion Ratio Lower Upper
95 100
174 89.4 63.2 94.8
176 81.2 62.8 94.2



#58
Tetrachloroethene
Concen: 5.653 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 164 Resp: 60787
Ion Ratio Lower Upper
164 100
166 124.2 98.5 147.7
129 94.0 73.0 109.6
131 89.6 73.8 110.8

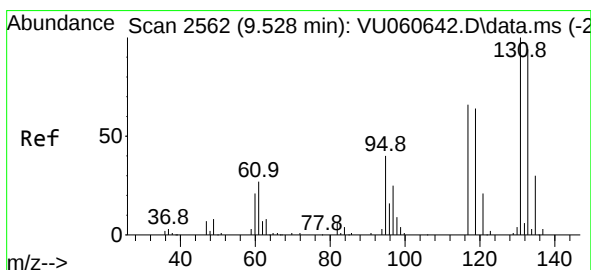
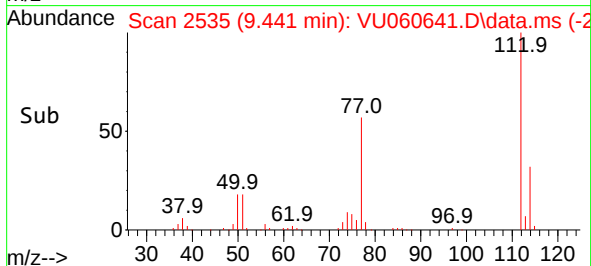
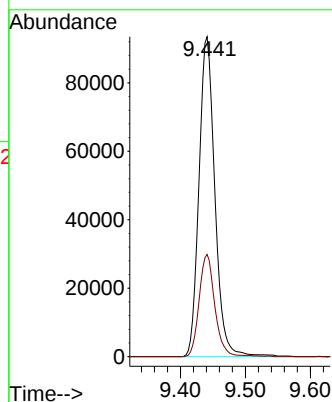
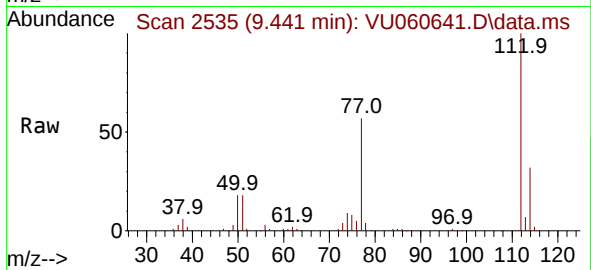




#59
Chlorobenzene
Concen: 5.527 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

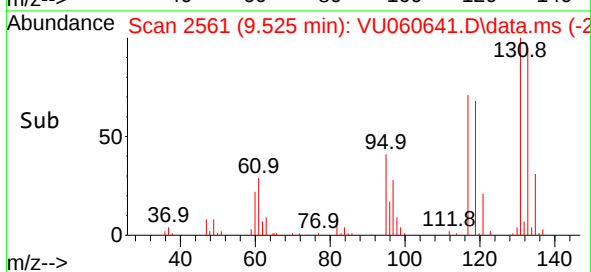
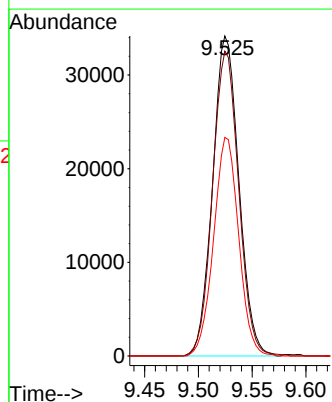
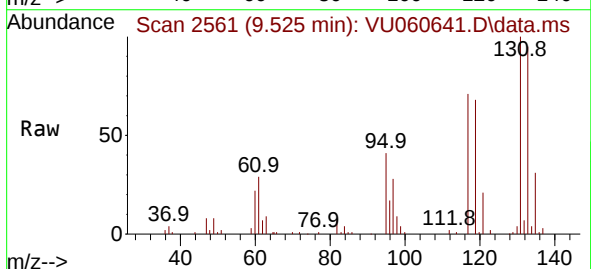
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

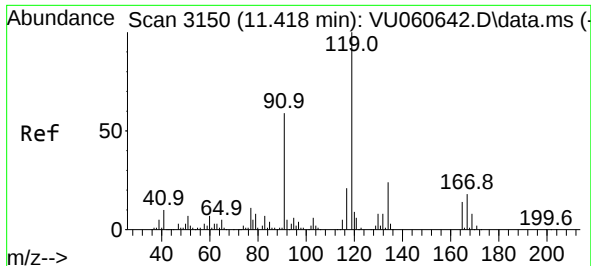
Tgt Ion:112 Resp: 159419
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#60
1,1,1,2-Tetrachloroethane
Concen: 5.130 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:131 Resp: 58028
Ion Ratio Lower Upper
131 100
133 94.7 76.7 115.1
119 65.3 52.6 79.0

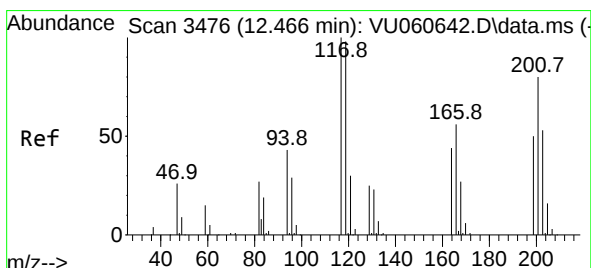
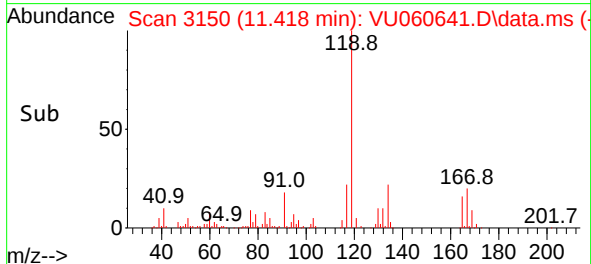
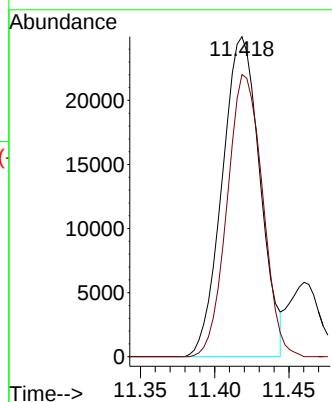
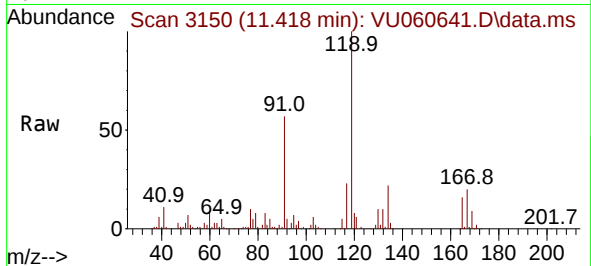




#61
Pentachloroethane
Concen: 4.668 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

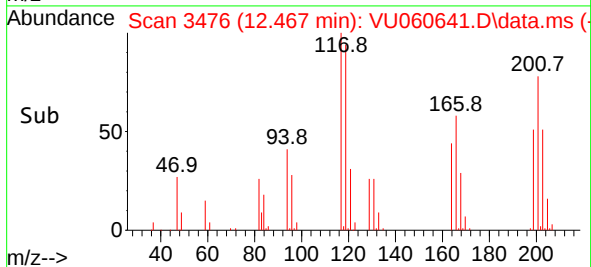
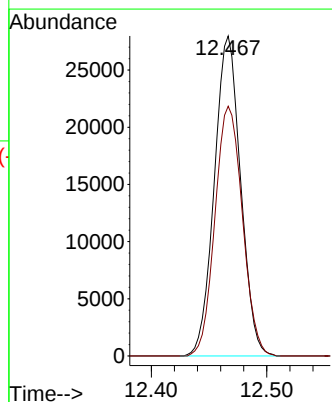
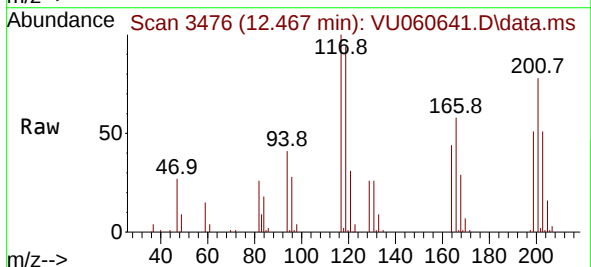
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

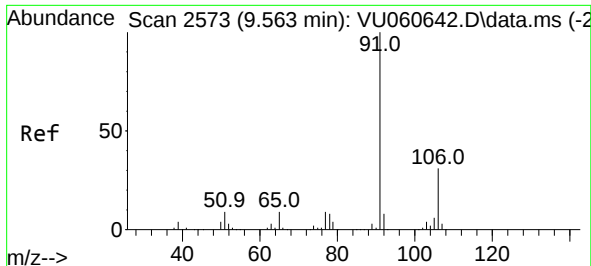
Tgt Ion:117 Resp: 44244
Ion Ratio Lower Upper
117 100
167 82.4 65.3 97.9



#62
Hexachloroethane
Concen: 4.790 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:117 Resp: 44268
Ion Ratio Lower Upper
117 100
201 81.5 65.0 97.6

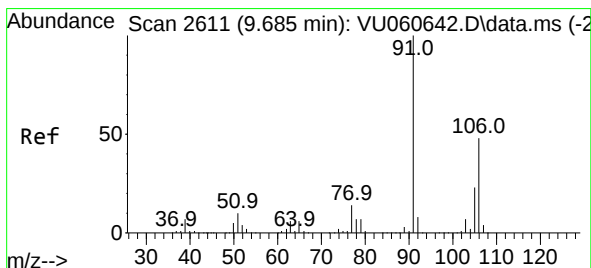
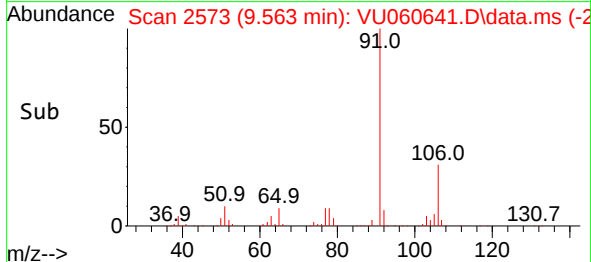
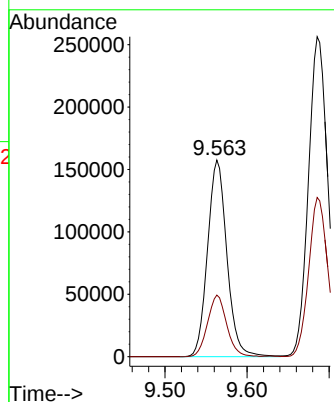
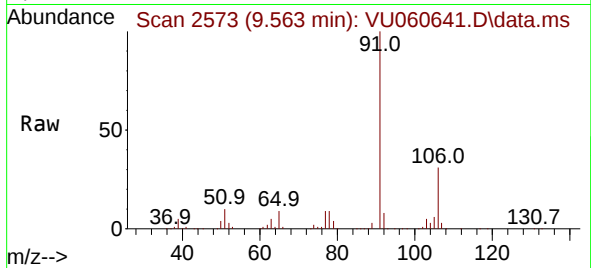




#63
Ethyl Benzene
Concen: 5.720 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

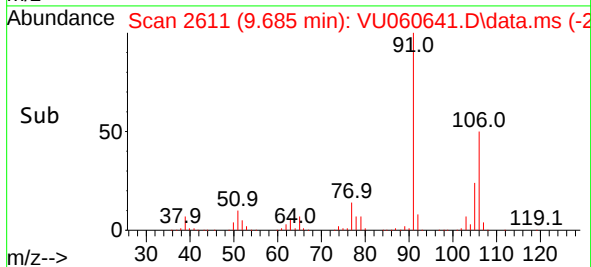
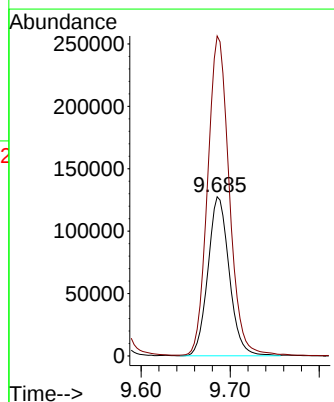
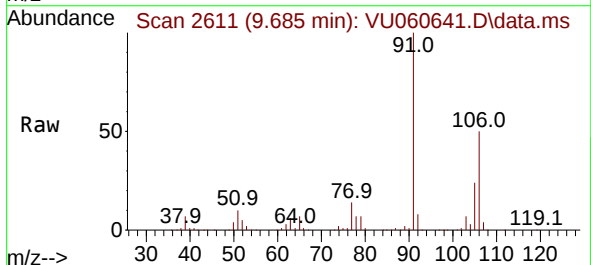
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

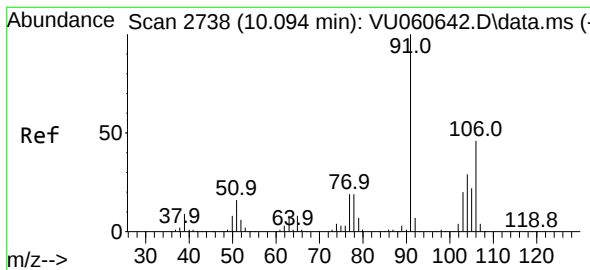
Tgt Ion: 91 Resp: 258386
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#64
m/p-Xylenes
Concen: 11.803 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 106 Resp: 211141
Ion Ratio Lower Upper
106 100
91 205.0 165.2 247.8





#65

o-Xylene

Concen: 5.708 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

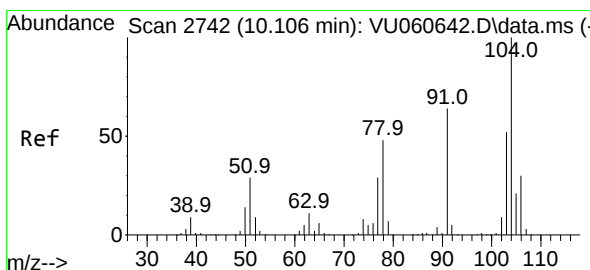
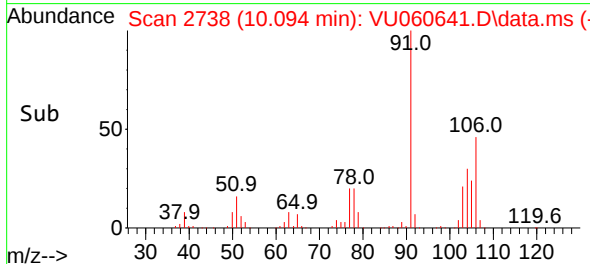
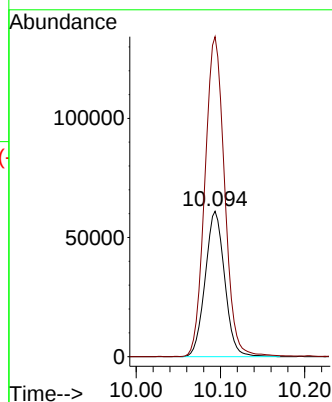
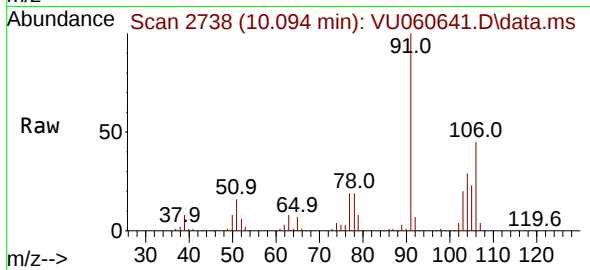
VSTDICC005

Tgt Ion:106 Resp: 98410

Ion Ratio Lower Upper

106 100

91 223.2 107.9 323.8



#66

Styrene

Concen: 5.723 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

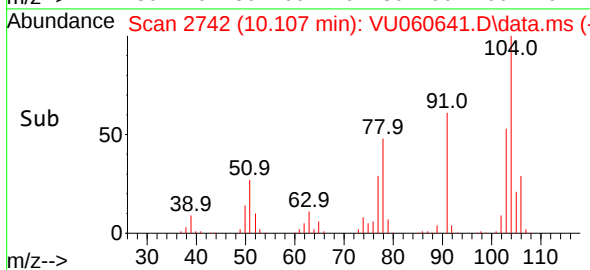
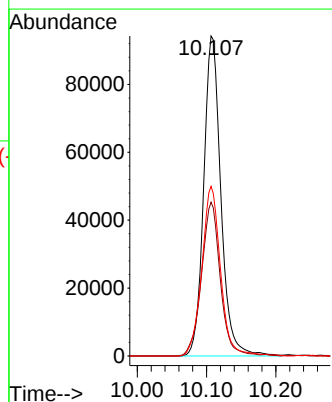
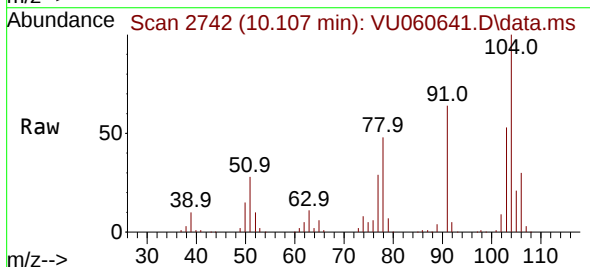
Tgt Ion:104 Resp: 162706

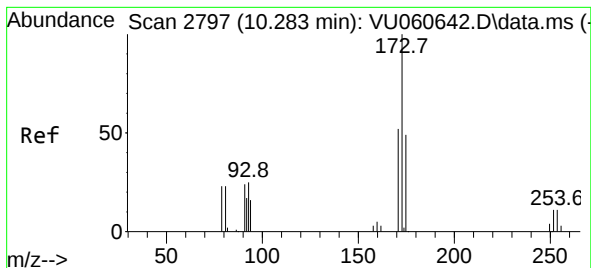
Ion Ratio Lower Upper

104 100

78 52.2 41.5 62.3

103 57.4 45.3 67.9





#67

Bromoform

Concen: 5.044 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

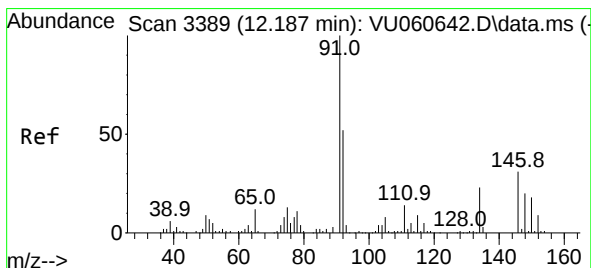
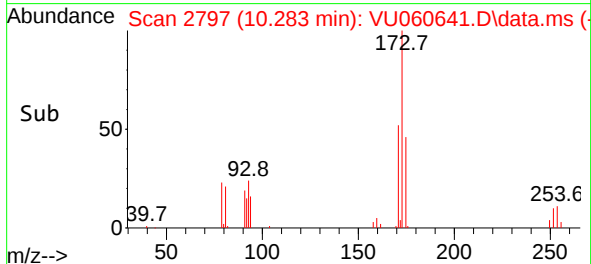
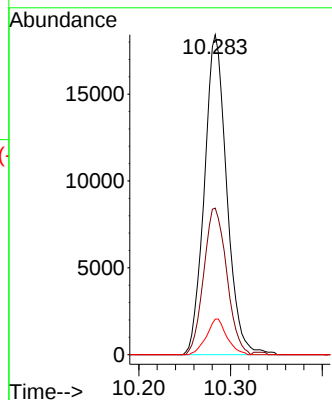
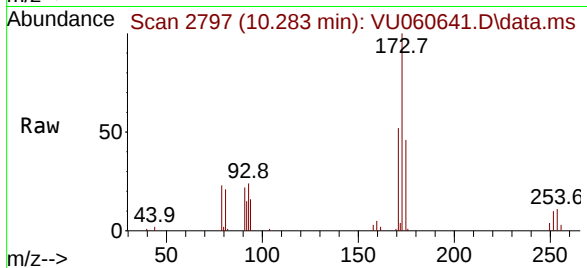
Tgt Ion:173 Resp: 31208

Ion Ratio Lower Upper

173 100

175 47.1 38.8 58.2

254 10.2 8.6 12.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.087 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

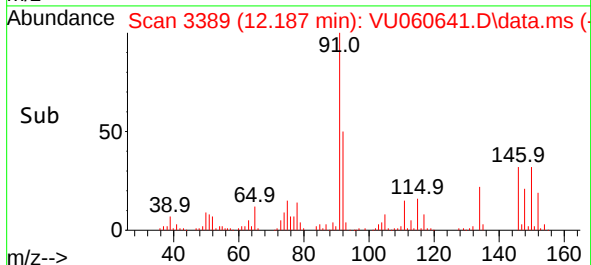
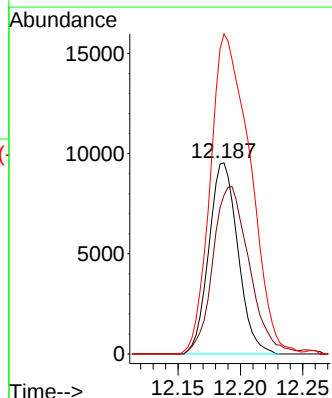
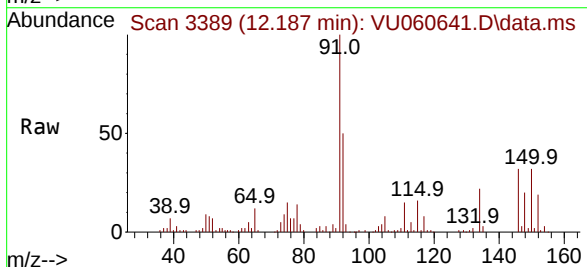
Tgt Ion:152 Resp: 15505

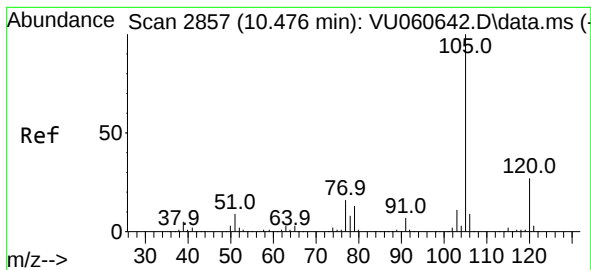
Ion Ratio Lower Upper

152 100

115 109.1 0.0 300.4

150 228.7 0.0 669.4





#69

Isopropylbenzene

Concen: 5.815 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

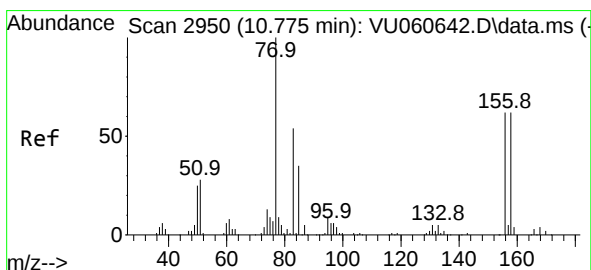
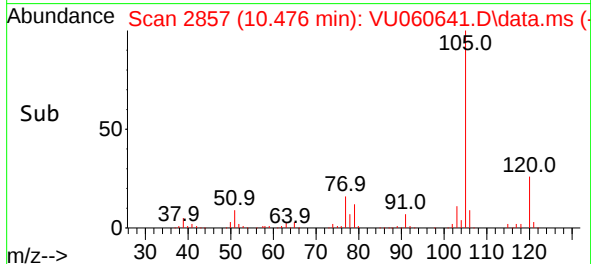
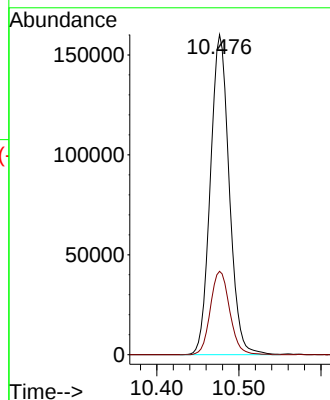
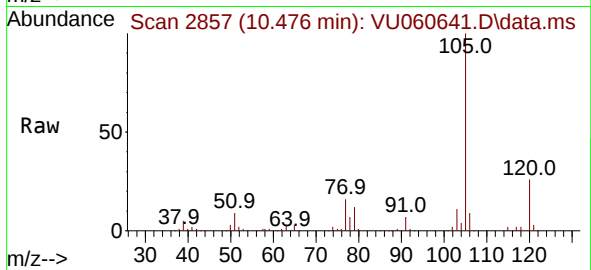
VSTDIC005

Tgt Ion:105 Resp: 256404

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#70

1,1,2,2-Tetrachloroethane

Concen: 4.325 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

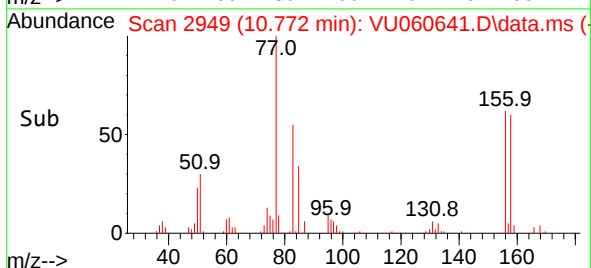
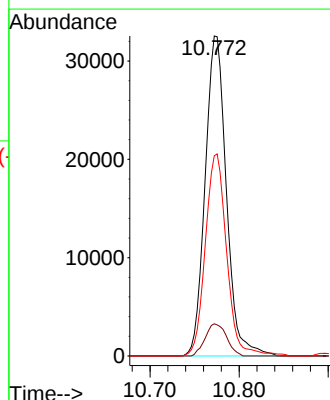
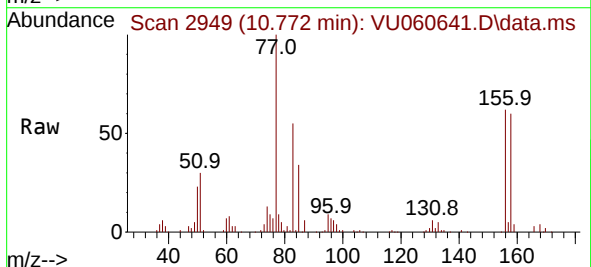
Tgt Ion: 83 Resp: 53983

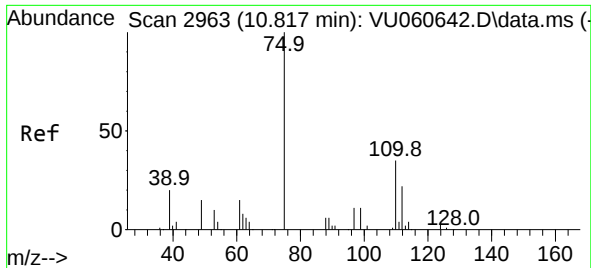
Ion Ratio Lower Upper

83 100

131 10.1 8.2 12.2

85 63.4 52.1 78.1



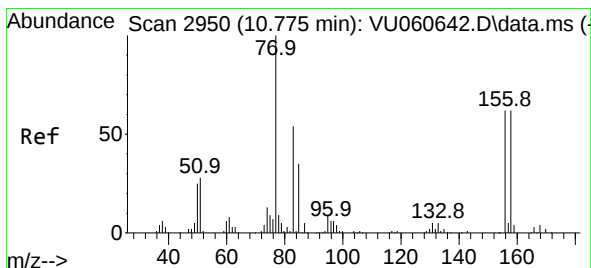
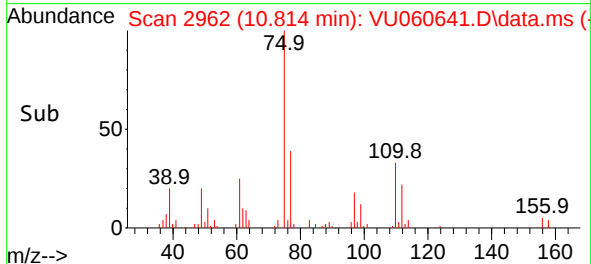
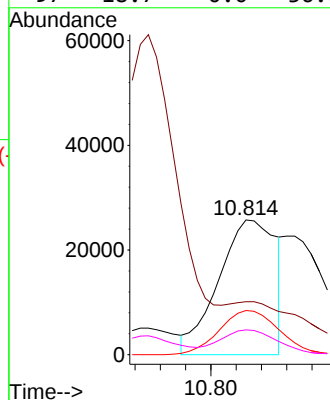
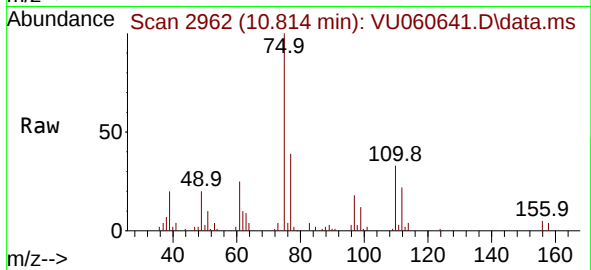


#71
1,2,3-Trichloropropane
Concen: 4.421 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 40482

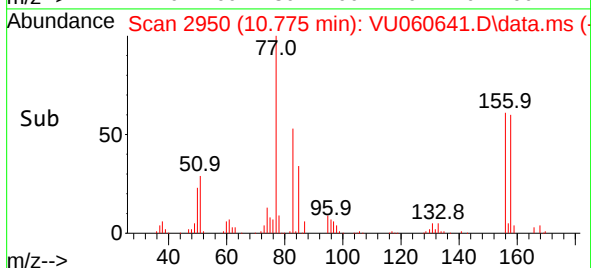
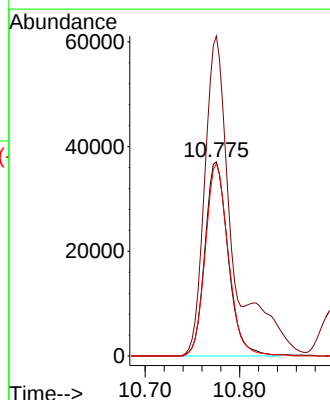
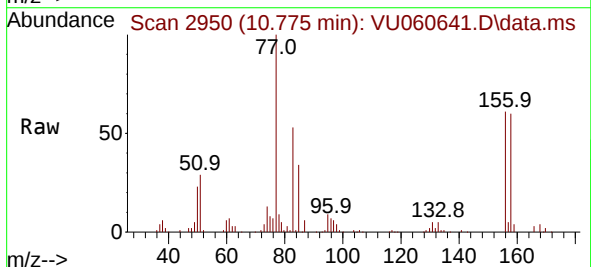
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	34.5	0.0	68.8
97	18.7	0.0	36.0

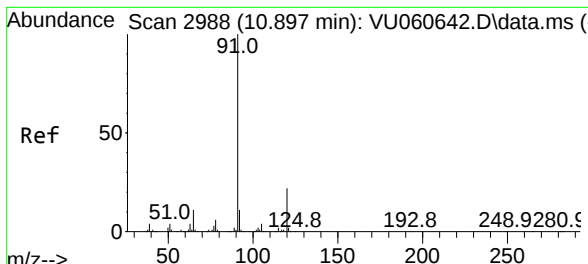


#72
Bromobenzene
Concen: 5.364 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion: 156 Resp: 63113

Ion	Ratio	Lower	Upper
156	100		
77	162.5	0.0	320.2
158	98.7	0.0	196.0

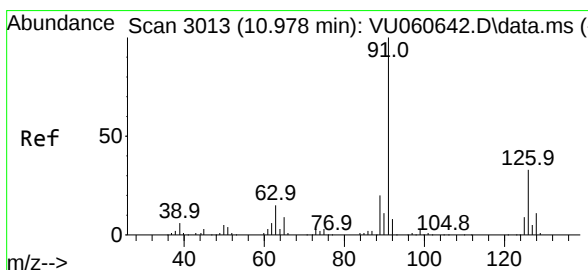
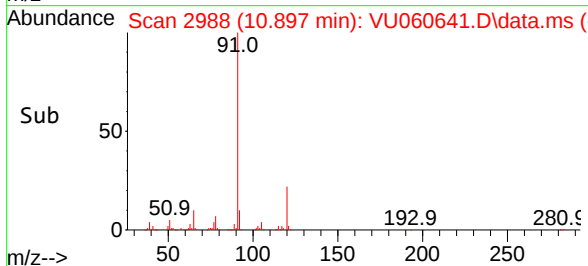
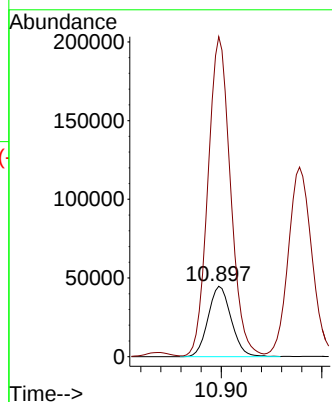
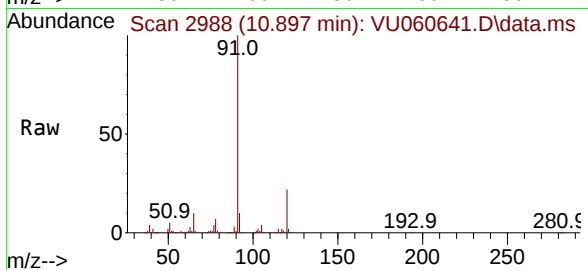




#73
n-propylbenzene
Concen: 5.804 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

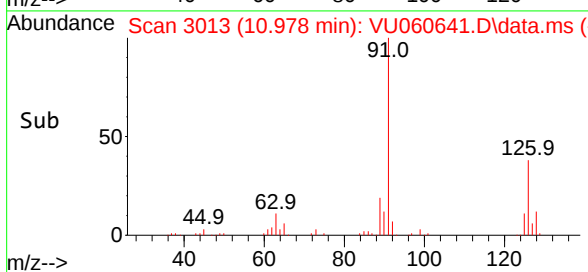
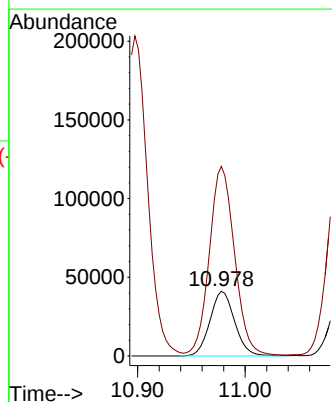
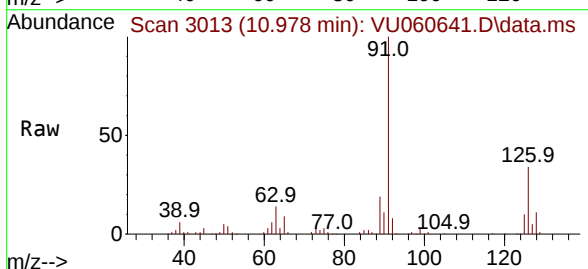
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

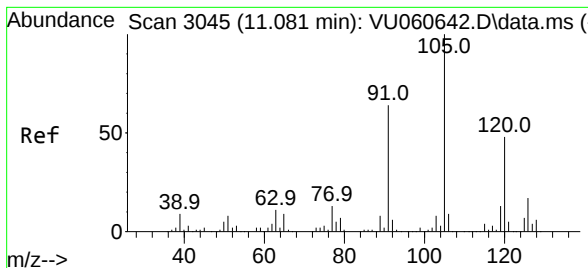
Tgt Ion:120 Resp: 71132
Ion Ratio Lower Upper
120 100
91 442.6 358.4 537.6



#74
2-Chlorotoluene
Concen: 5.719 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:126 Resp: 65456
Ion Ratio Lower Upper
126 100
91 297.8 0.0 599.6





#75

1,3,5-Trimethylbenzene

Concen: 5.939 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

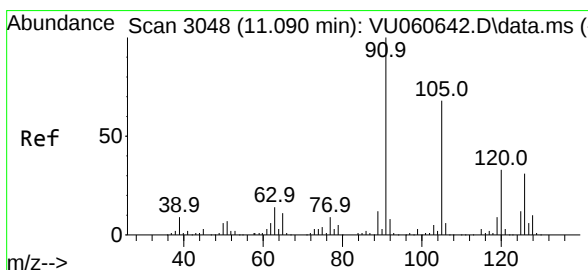
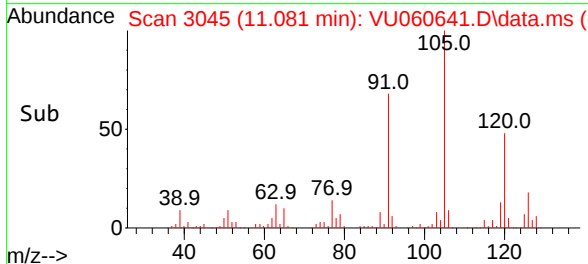
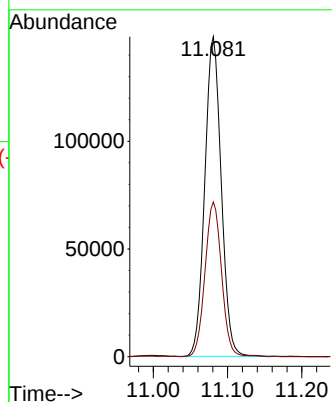
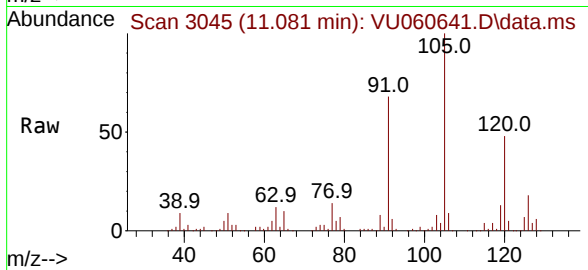
VSTDIC005

Tgt Ion:105 Resp: 228368

Ion Ratio Lower Upper

105 100

120 48.7 38.3 57.5



#76

4-Chlorotoluene

Concen: 5.711 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU060641.D

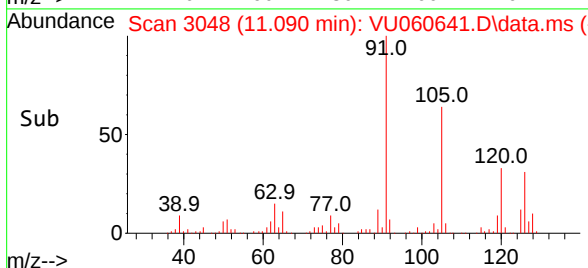
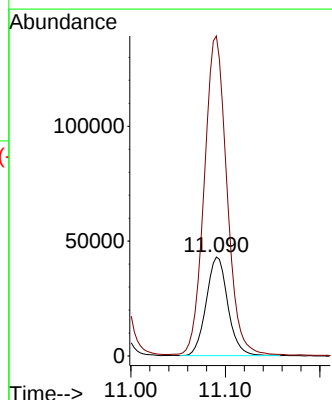
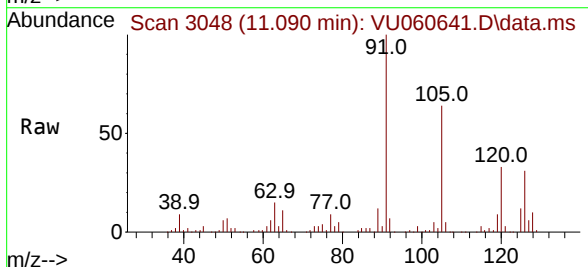
Acq: 06 Sep 2024 13:05

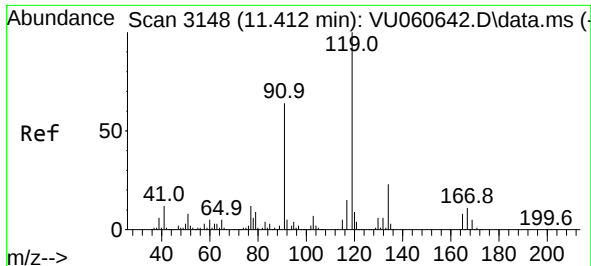
Tgt Ion:126 Resp: 67893

Ion Ratio Lower Upper

126 100

91 340.8 0.0 676.6

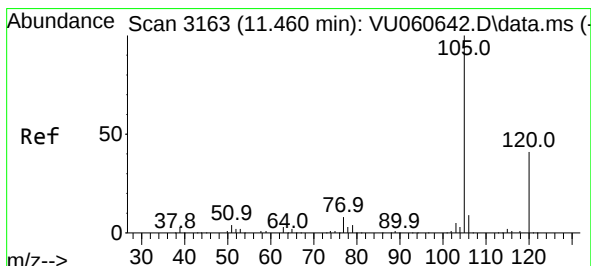
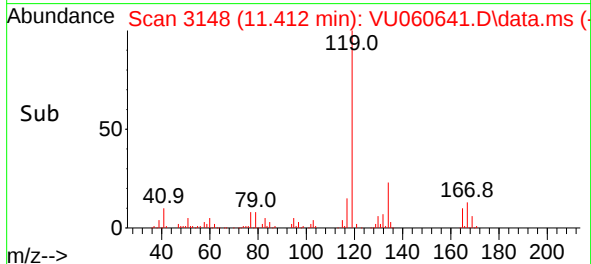
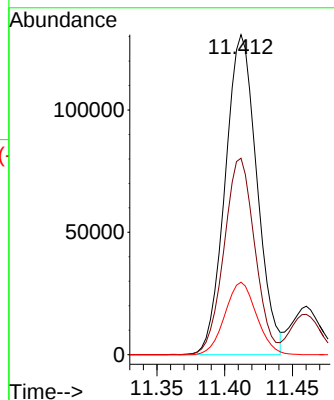
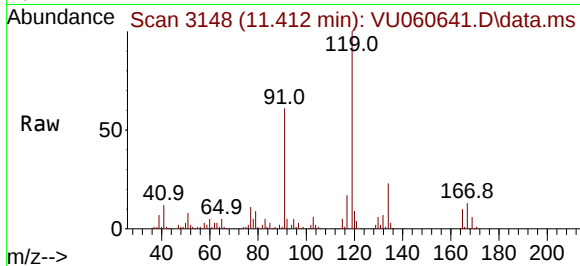




#77
 tert-Butylbenzene
 Concen: 5.676 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

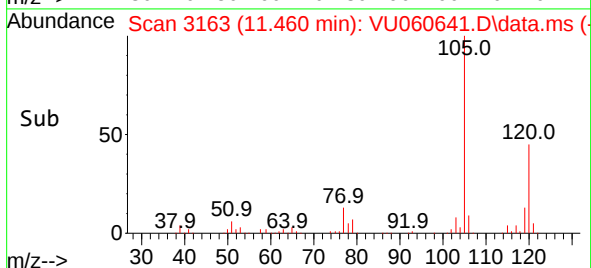
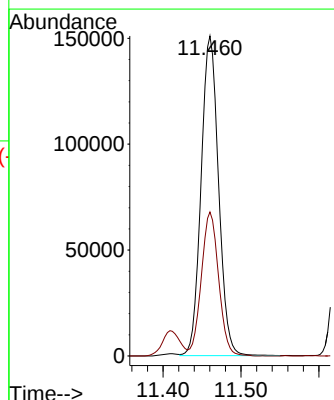
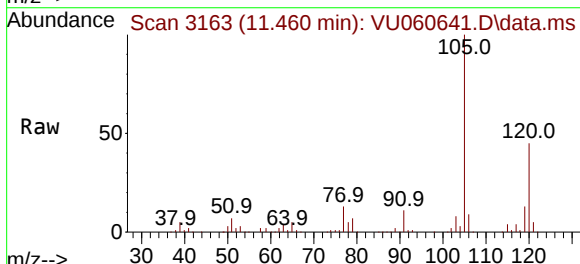
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

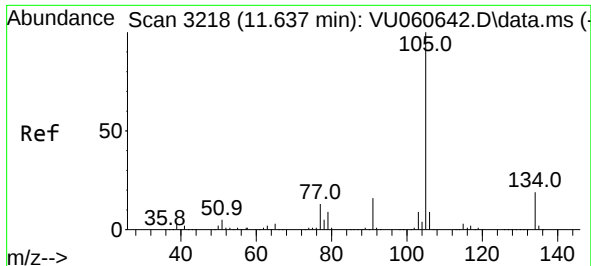
Tgt Ion:119 Resp: 213091
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.3 90.8
 134 22.6 18.3 27.5



#78
 1,2,4-Trimethylbenzene
 Concen: 5.969 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU060641.D
 Acq: 06 Sep 2024 13:05

Tgt Ion:105 Resp: 234454
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.7





#79

sec-Butylbenzene

Concen: 5.744 ug/l

RT: 11.634 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

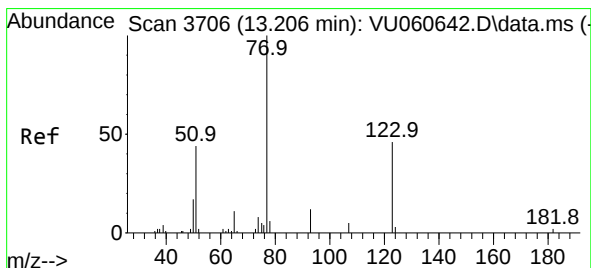
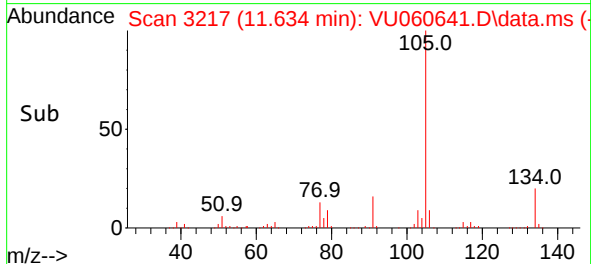
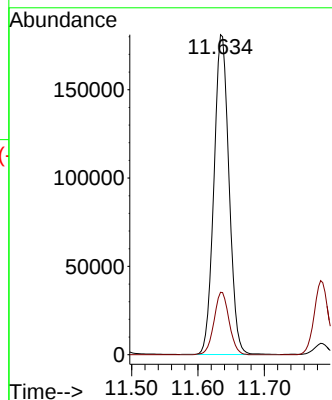
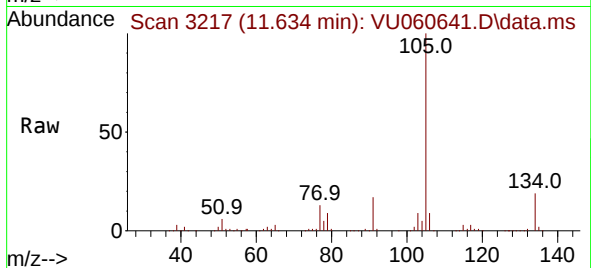
VSTDICC005

Tgt Ion:105 Resp: 285560

Ion Ratio Lower Upper

105 100

134 19.6 15.8 23.6



#80

Nitrobenzene

Concen: 15.323 ug/l m

RT: 13.213 min Scan# 3708

Delta R.T. 0.007 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

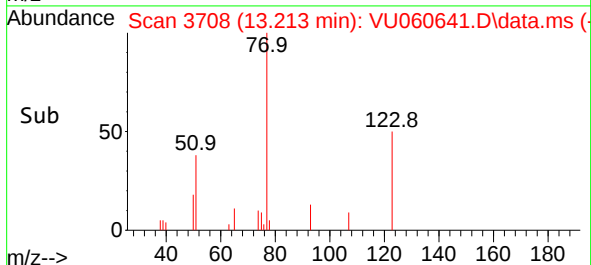
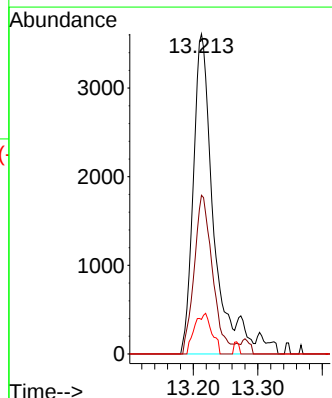
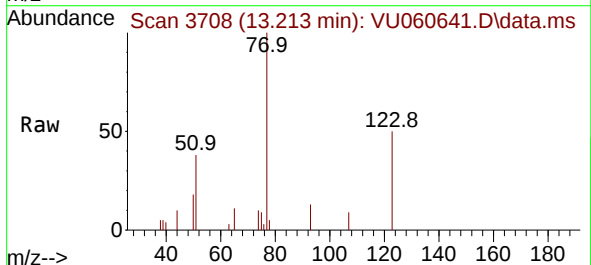
Tgt Ion: 77 Resp: 8110

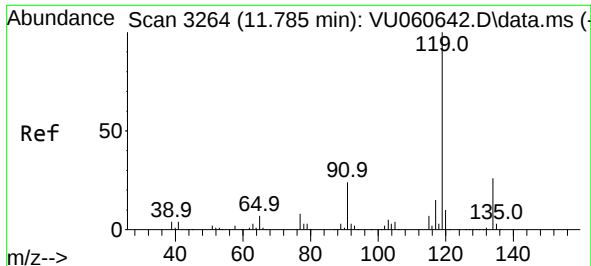
Ion Ratio Lower Upper

77 100

123 40.5 19.9 70.5

65 10.6 9.9 12.5

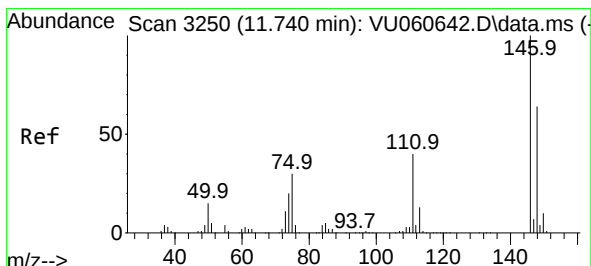
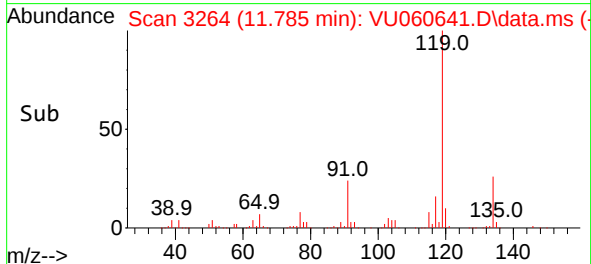
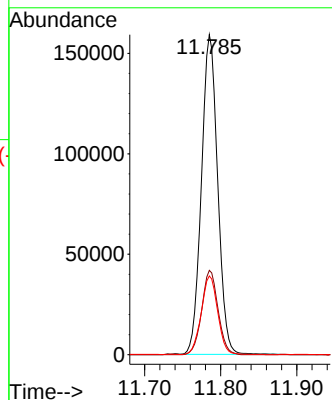
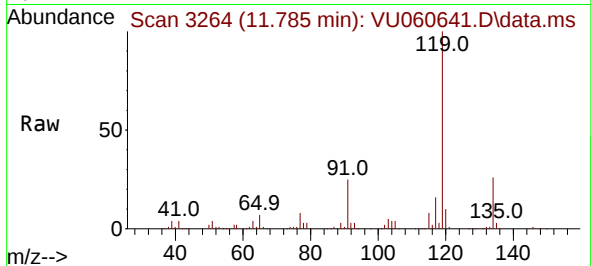




#81
p-Isopropyltoluene
Concen: 5.849 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

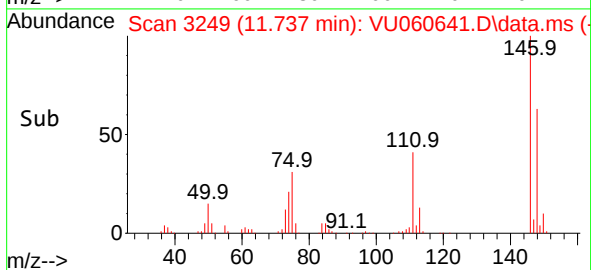
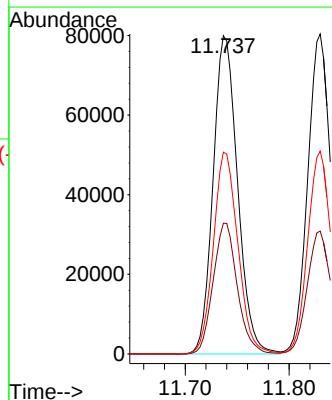
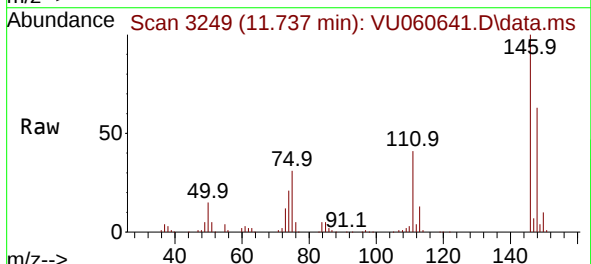
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

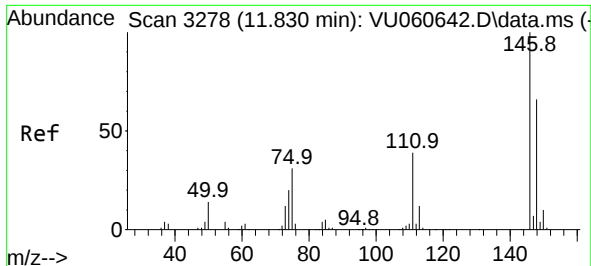
Tgt Ion:119 Resp: 236485
Ion Ratio Lower Upper
119 100
134 26.4 20.9 31.3
91 25.0 19.5 29.3



#82
1,3-Dichlorobenzene
Concen: 5.361 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:146 Resp: 130962
Ion Ratio Lower Upper
146 100
111 40.5 33.0 49.4
148 63.6 51.8 77.6





#83

1,4-Dichlorobenzene

Concen: 5.417 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

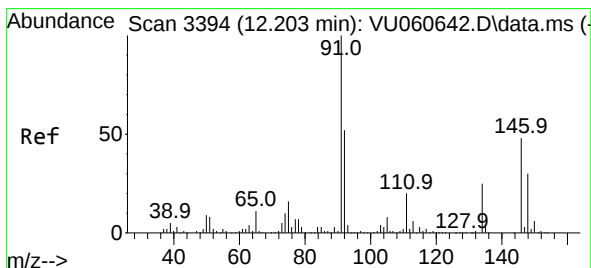
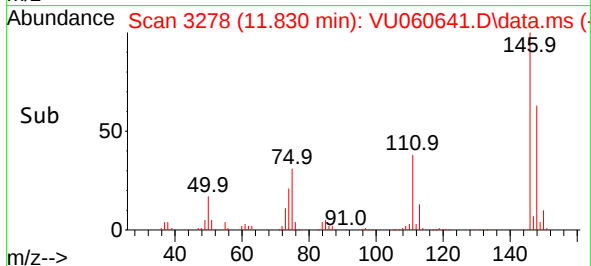
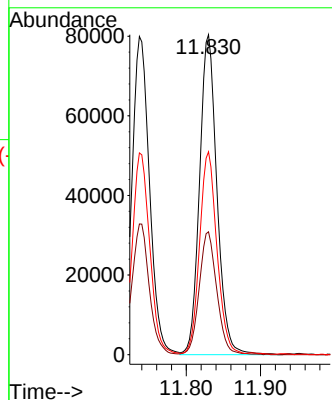
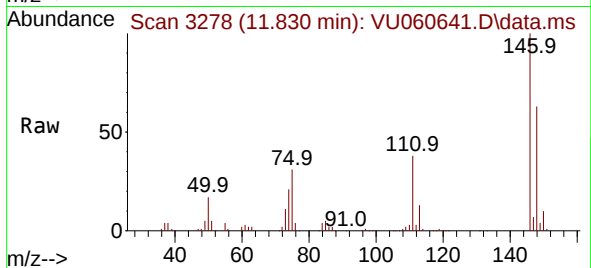
Tgt Ion:146 Resp: 131066

Ion Ratio Lower Upper

146 100

111 38.9 31.8 47.6

148 62.4 52.1 78.1



#84

n-Butylbenzene

Concen: 5.574 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

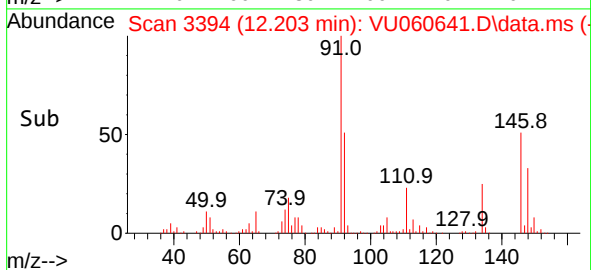
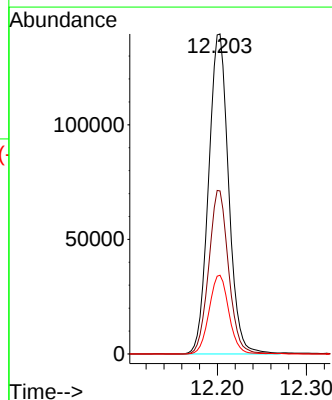
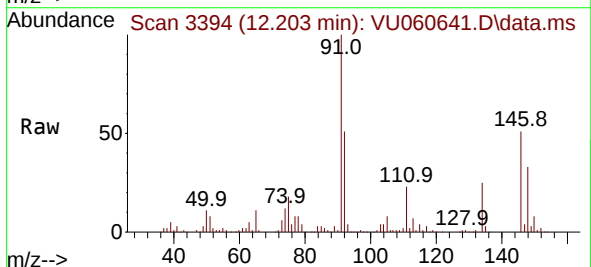
Tgt Ion: 91 Resp: 217785

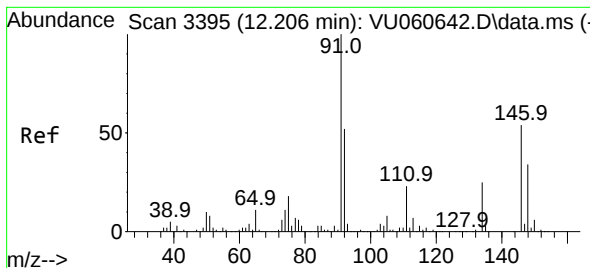
Ion Ratio Lower Upper

91 100

92 50.6 41.3 61.9

134 24.2 19.8 29.8





#85

1,2-Dichlorobenzene

Concen: 5.135 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

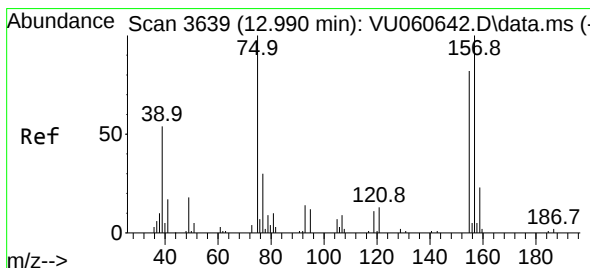
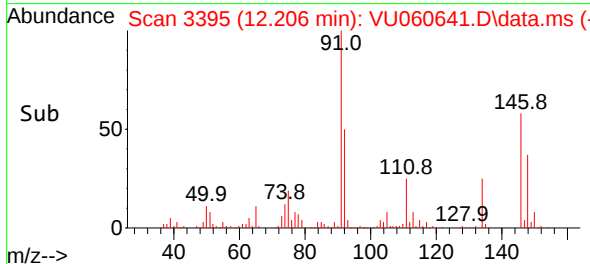
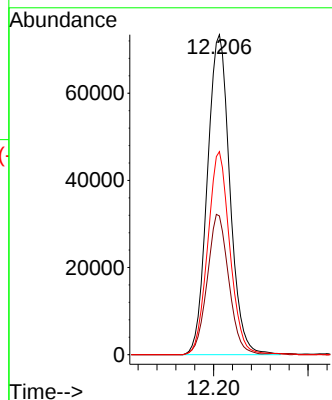
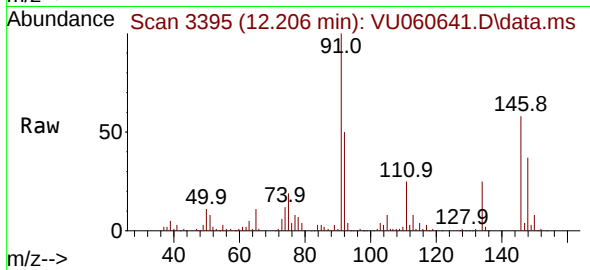
Tgt Ion:146 Resp: 121117

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 62.8 31.6 94.8



#86

1,2-Dibromo-3-Chloropropane

Concen: 4.661 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060641.D

Acq: 06 Sep 2024 13:05

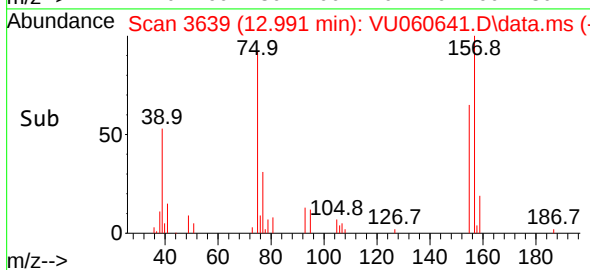
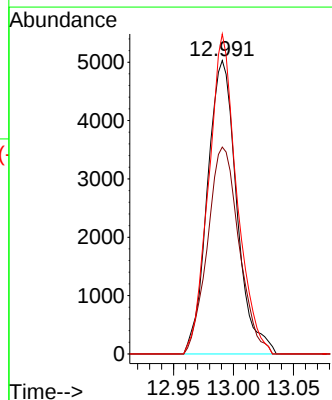
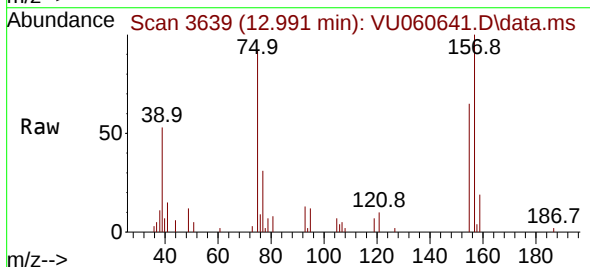
Tgt Ion: 75 Resp: 8519

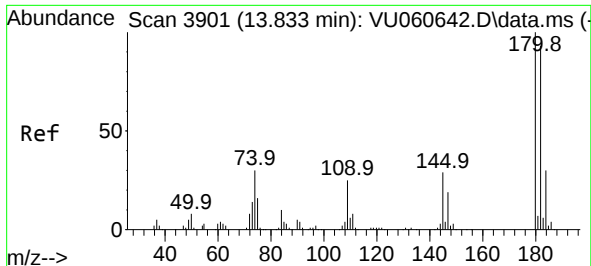
Ion Ratio Lower Upper

75 100

155 76.0 67.6 101.4

157 105.1 81.0 121.6

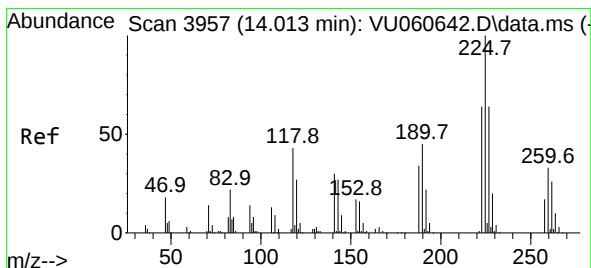
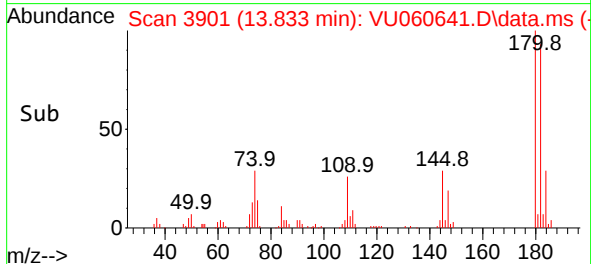
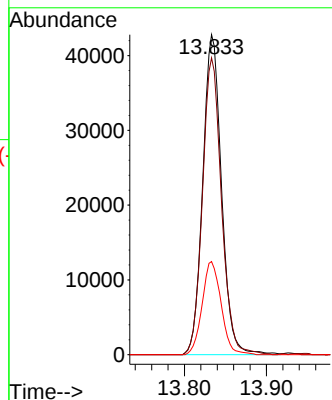
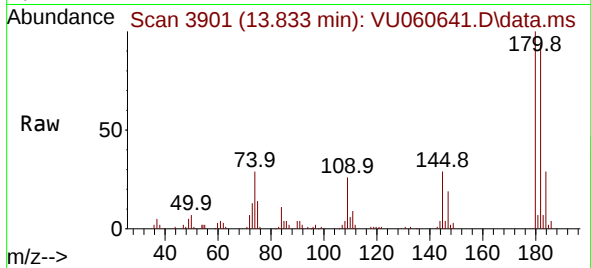




#87
1,2,4-Trichlorobenzene
Concen: 5.032 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

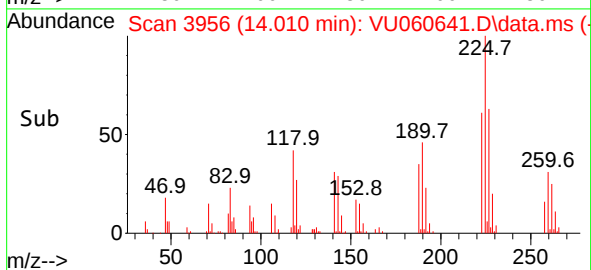
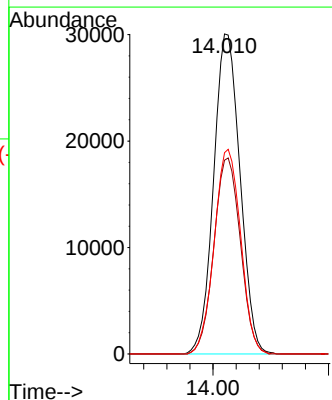
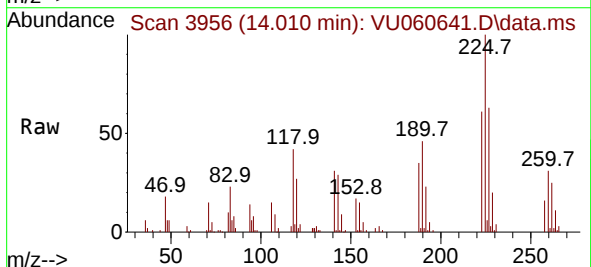
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

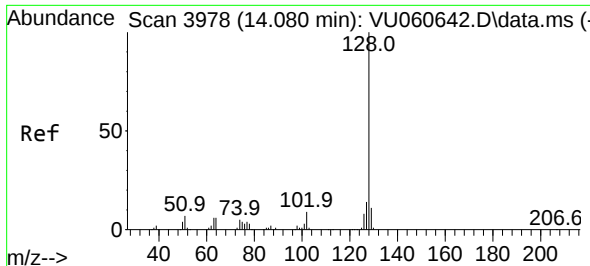
Tgt Ion:180 Resp: 68018
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.4
145 29.4 23.8 35.6



#88
Hexachlorobutadiene
Concen: 5.416 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:225 Resp: 47774
Ion Ratio Lower Upper
225 100
223 61.5 50.3 75.5
227 63.9 50.6 76.0

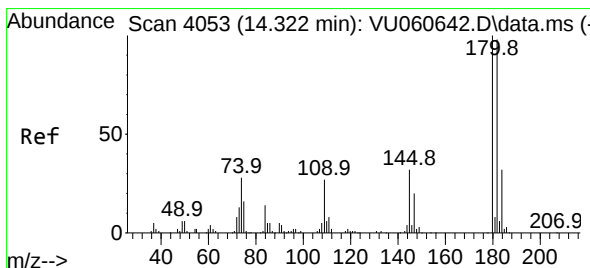
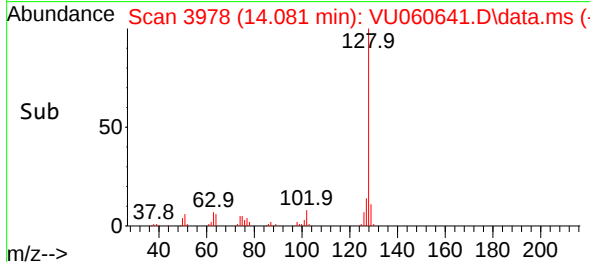
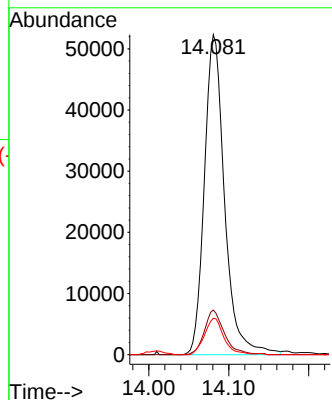
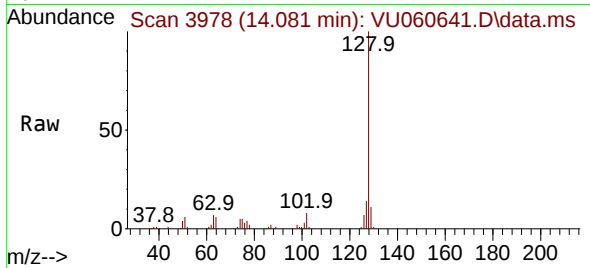




#89
Naphthalene
Concen: 3.963 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	91997
Ion Ratio	Lower	Upper
128	100	
127	13.7	11.0 16.4
129	10.9	8.6 13.0



#90
1,2,3-Trichlorobenzene
Concen: 4.484 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060641.D
Acq: 06 Sep 2024 13:05

Tgt Ion:180	Resp:	58073
Ion Ratio	Lower	Upper
180	100	
182	99.2	77.1 115.7
145	31.8	25.4 38.0

