

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060645.D
 Acq On : 06 Sep 2024 16:45
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Sep 07 00:38:35 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	36489	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10897	0.875	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11927	0.888	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7478	0.521	ug/l	91
3) Chloromethane	1.518	50	17517	1.093	ug/l	93
4) Vinyl Chloride	1.599	62	7466	0.468	ug/l	100
5) Bromomethane	1.856	94	5130	0.521	ug/l	92
6) Chloroethane	1.930	64	4526	0.474	ug/l	100
7) Trichlorofluoromethane	2.132	101	10395	0.526	ug/l	90
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	4570	0.440	ug/l	92
9) 1,1-Dichloroethene	2.576	96	4698	0.436	ug/l	93
11) Allyl Chloride	2.917	41	6243	0.426	ug/l	96
12) Acrylonitrile	3.361	53	1461m	0.524	ug/l	
13) Acetone	2.657	43	6163m	1.689	ug/l	
14) Carbon Disulfide	2.785	76	16504	0.454	ug/l	98
15) Methylene Chloride	3.039	84	6329	0.472	ug/l	94
16) trans-1,2-Dichloroethene	3.354	96	4836	0.420	ug/l	99
17) 1,1-Dichloroethane	3.862	63	9304	0.420	ug/l	99
18) 2-Butanone	4.772	43	5015m	1.219	ug/l	
19) Cyclohexane	5.377	56	6683m	0.352	ug/l	
20) Methylcyclohexane	6.756	83	6167	0.400	ug/l	90
21) 2,2-Dichloropropane	4.656	77	8034	0.460	ug/l	# 82
22) cis-1,2-Dichloroethene	4.663	96	5013	0.406	ug/l	93
23) Diethyl Ether	2.374	59	3968	0.452	ug/l	94
25) Methyl tert-Butyl Ether	3.354	73	9769	0.370	ug/l	95
26) Bromochloromethane	4.972	128	2273	0.430	ug/l	93
27) Chloroform	5.081	83	10026	0.459	ug/l	97
28) 1,1,1-Trichloroethane	5.309	97	8731	0.475	ug/l	95
29) 1,1-Dichloropropene	5.525	75	6317	0.428	ug/l	93
30) Carbon Tetrachloride	5.515	117	7605	0.500	ug/l	99
31) Isopropyl Ether	3.988	45	11574	0.362	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	10671	0.344	ug/l	98
33) Tert-Amyl methyl ether	5.936	73	8969	0.395	ug/l	95
34) Propionitrile	4.843	54	1514m	1.349	ug/l	
35) Benzene	5.769	78	19974	0.446	ug/l	97
36) 1,2-Dichloroethane	5.795	62	6085	0.481	ug/l	# 90
37) Trichloroethene	6.537	130	5273	0.472	ug/l	89
38) 1,2-Dichloropropane	6.788	63	5315	0.440	ug/l	93
39) Methacrylonitrile	5.007	41	940m	0.234	ug/l	
40) Methyl acrylate	4.894	55	1606m	0.225	ug/l	
41) Tetrahydrofuran	5.084	42	3643m	1.654	ug/l	
42) 1-Chlorobutane	5.454	56	8407	0.416	ug/l	92
43) Dibromomethane	6.920	93	2787	0.456	ug/l	96
44) Bromodichloromethane	7.100	83	6872	0.465	ug/l	# 91
45) 4-Methyl-2-Pentanone	7.795	43	11358m	1.951	ug/l	
46) t-1,4-Dichloro-2-butene	10.843	75	2326m	0.721	ug/l	

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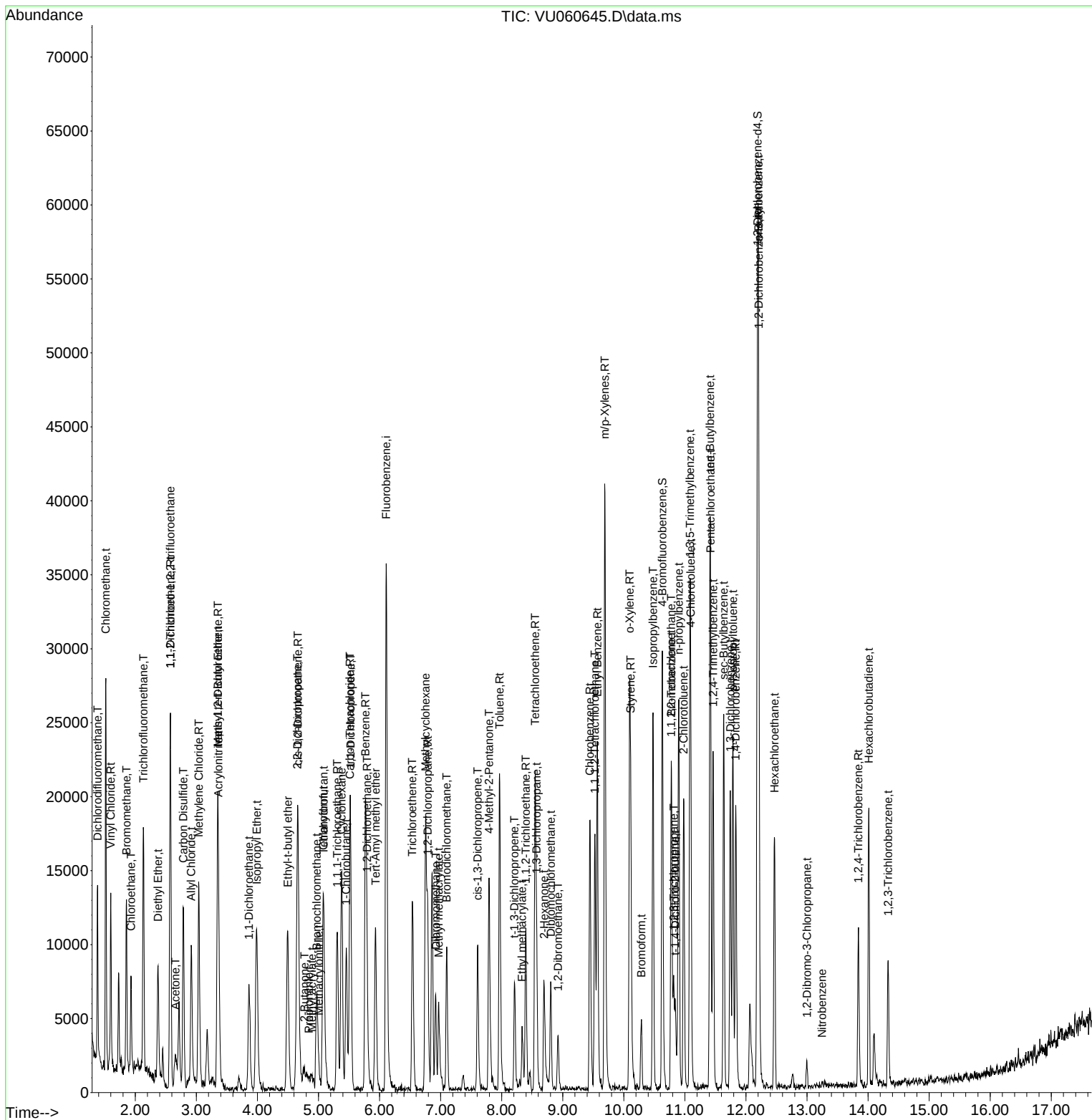
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

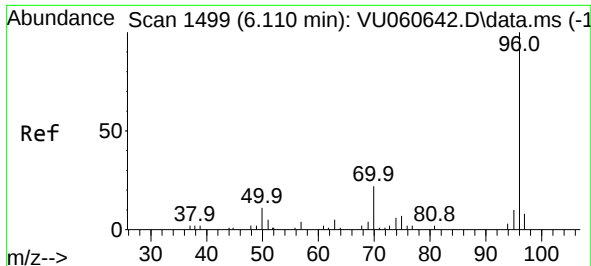
Quant Time: Sep 07 00:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	3481	0.702	ug/l	95
48) Ethyl methacrylate	8.335	69	3151	0.370	ug/l	99
49) Toluene	7.965	92	10253	0.413	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	5197m	0.422	ug/l	
51) cis-1,3-Dichloropropene	7.608	75	6685	0.452	ug/l #	89
52) 1,1,2-Trichloroethane	8.396	97	3683	0.414	ug/l	92
53) 1,3-Dichloropropane	8.573	76	5799	0.404	ug/l	97
54) 2-Hexanone	8.695	43	6860m	1.460	ug/l	
55) Dibromochloromethane	8.804	129	3788	0.380	ug/l	90
56) 1,2-Dibromoethane	8.923	107	3065	0.384	ug/l	100
58) Tetrachloroethene	8.550	164	5181	0.512	ug/l	90
59) Chlorobenzene	9.444	112	11452	0.422	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	4811	0.452	ug/l	93
61) Pentachloroethane	11.421	117	3579	0.401	ug/l	90
62) Hexachloroethane	12.466	117	3156	0.363	ug/l	89
63) Ethyl Benzene	9.566	91	17126	0.403	ug/l	95
64) m/p-Xylenes	9.688	106	12667	0.752	ug/l	99
65) o-Xylene	10.097	106	6306	0.389	ug/l	100
66) Styrene	10.113	104	9363	0.350	ug/l	99
67) Bromoform	10.286	173	2097	0.360	ug/l #	98
69) Isopropylbenzene	10.479	105	16471	0.397	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.775	83	4240	0.361	ug/l #	94
71) 1,2,3-Trichloropropane	10.817	75	2971	0.345	ug/l #	95
72) Bromobenzene	10.778	156	4857	0.439	ug/l	92
73) n-propylbenzene	10.901	120	4264	0.370	ug/l	96
74) 2-Chlorotoluene	10.981	126	4166	0.387	ug/l	94
75) 1,3,5-Trimethylbenzene	11.084	105	13158	0.364	ug/l	95
76) 4-Chlorotoluene	11.097	126	4404	0.394	ug/l	84
77) tert-Butylbenzene	11.415	119	14491	0.410	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	13176	0.356	ug/l	98
79) sec-Butylbenzene	11.634	105	17204	0.368	ug/l	100
80) Nitrobenzene	13.248	77	254	0.510	ug/l #	39
81) p-Isopropyltoluene	11.788	119	12951	0.340	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	9191	0.400	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	9569	0.420	ug/l	93
84) n-Butylbenzene	12.206	91	13190	0.359	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	8707	0.392	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	597	0.347	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.843	180	3999	0.314	ug/l	90
88) Hexachlorobutadiene	14.013	225	3718	0.448	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	3379	0.277	ug/l	94

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

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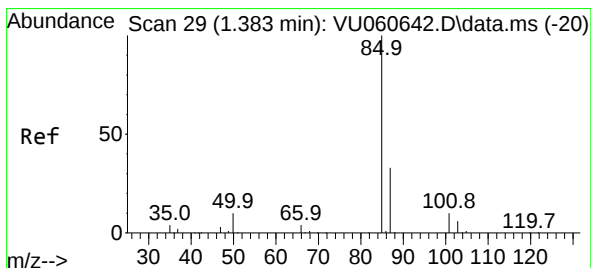
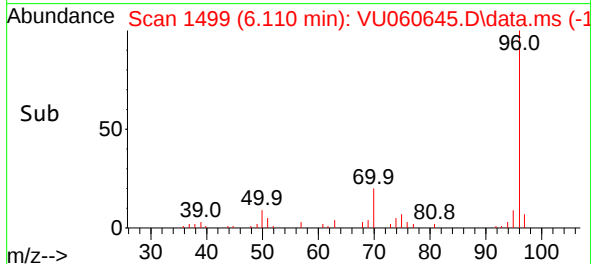
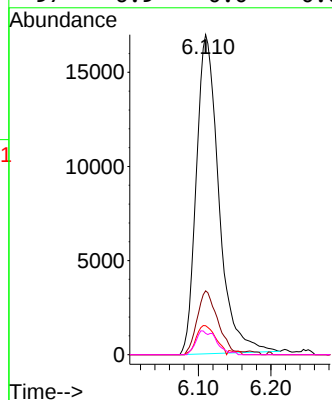
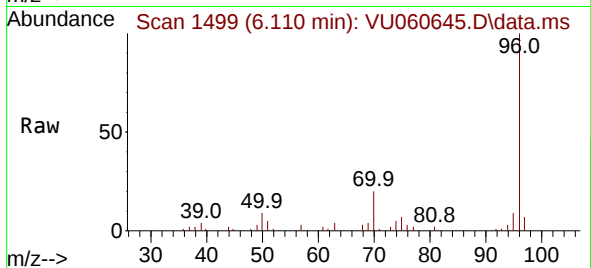




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

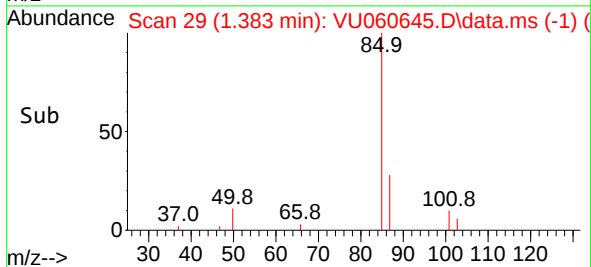
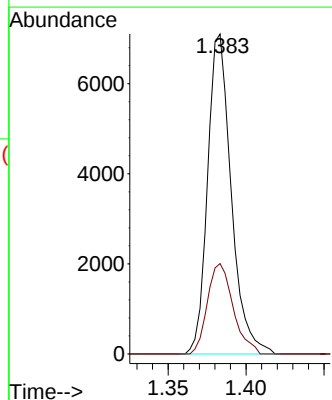
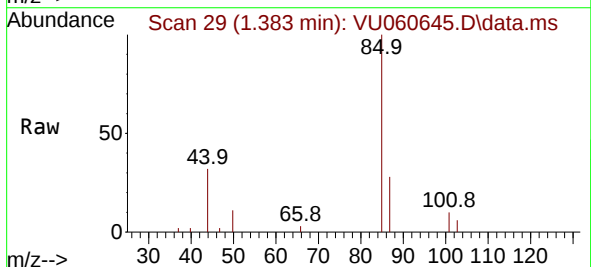
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

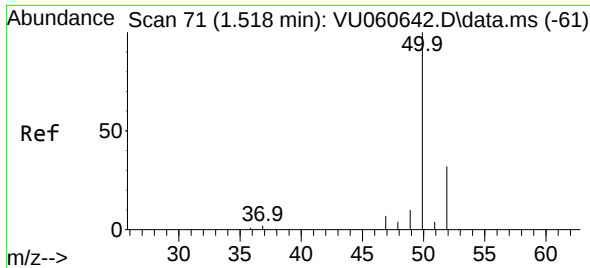
Tgt Ion:	96	Resp:	36489
Ion Ratio	Lower	Upper	
96	100		
70	17.5	16.5	24.7
95	7.8	7.7	11.5
97	6.9	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.521 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	85	Resp:	7478
Ion Ratio	Lower	Upper	
85	100		
87	28.3	16.6	49.8

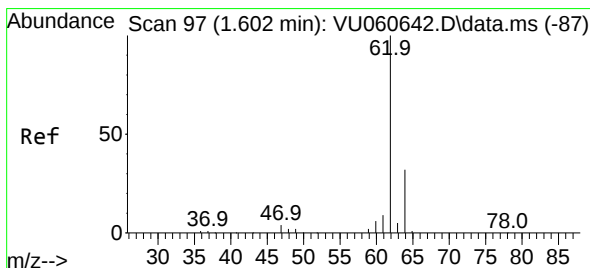
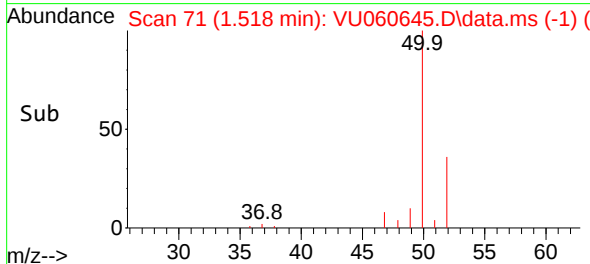
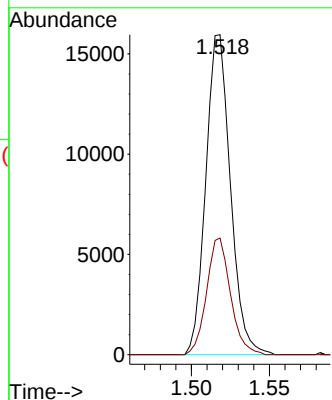
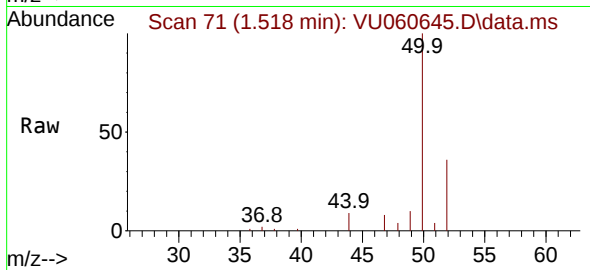




#3
Chloromethane
Concen: 1.093 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

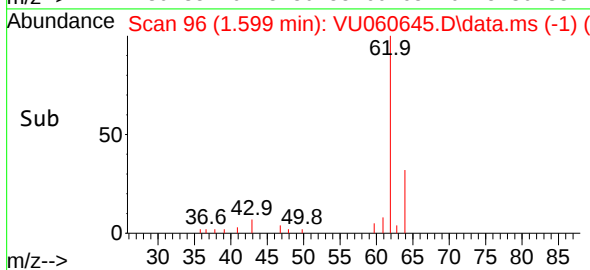
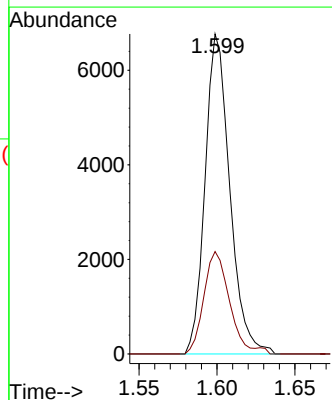
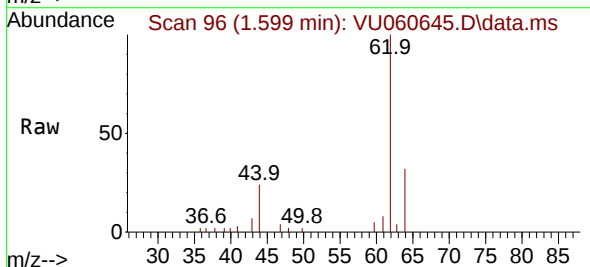
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

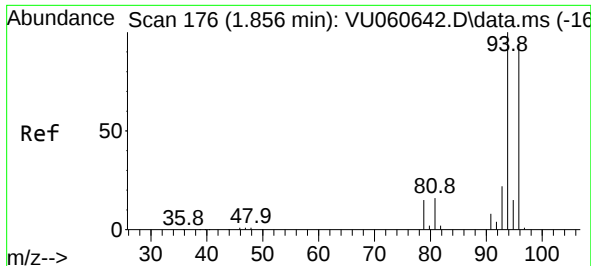
Tgt Ion: 50 Resp: 17517
Ion Ratio Lower Upper
50 100
52 36.5 25.8 38.8



#4
Vinyl Chloride
Concen: 0.468 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 62 Resp: 7466
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

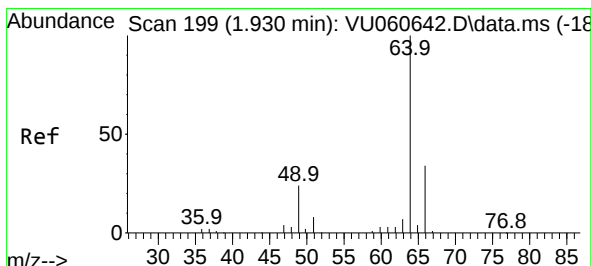
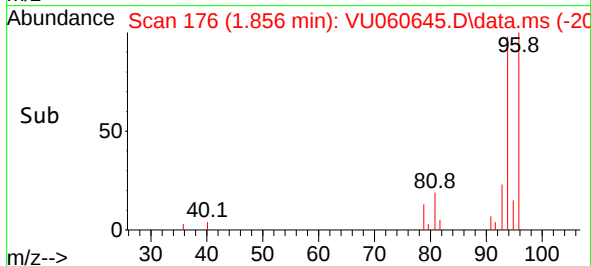
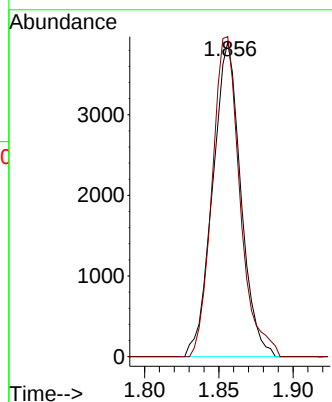
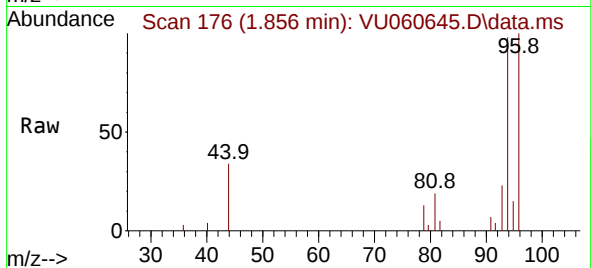




#5
Bromomethane
Concen: 0.521 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

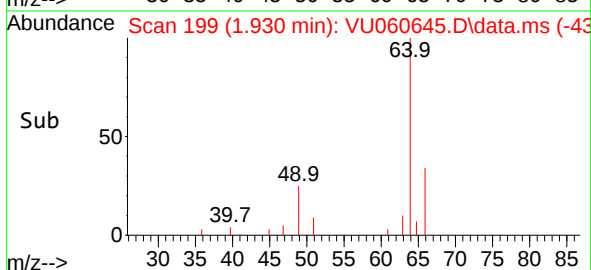
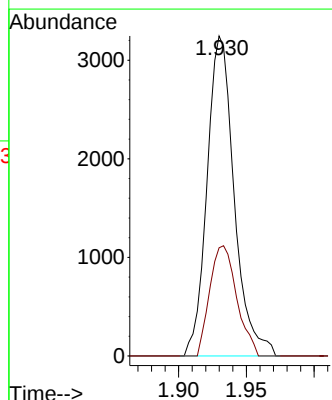
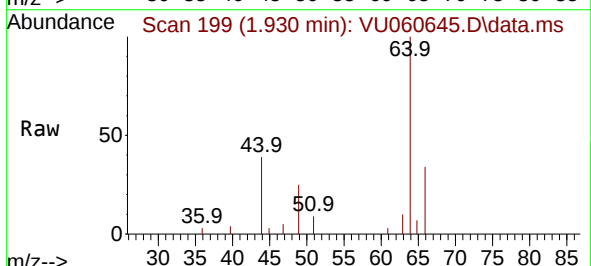
Instrument :
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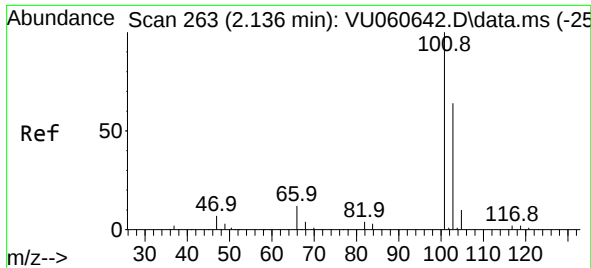
Tgt Ion: 94 Resp: 5130
Ion Ratio Lower Upper
94 100
96 101.8 75.3 112.9



#6
Chloroethane
Concen: 0.474 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 64 Resp: 4526
Ion Ratio Lower Upper
64 100
66 33.8 27.0 40.4

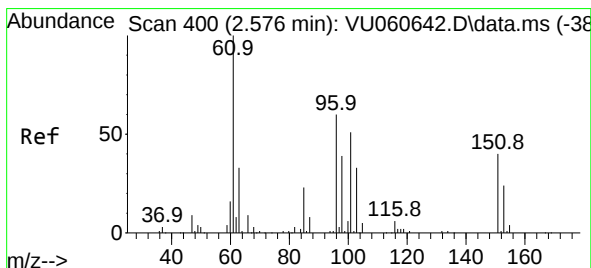
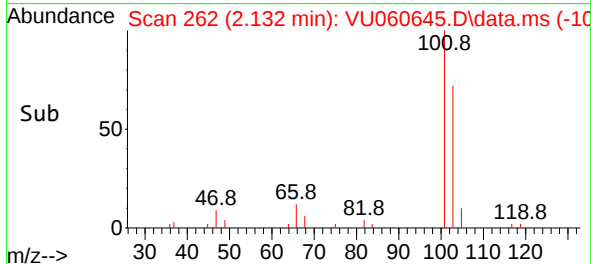
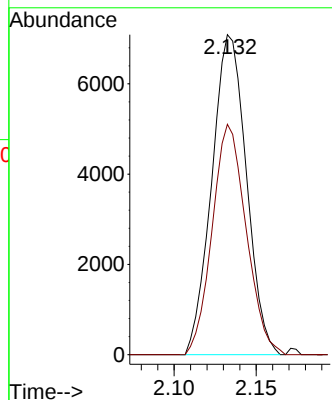
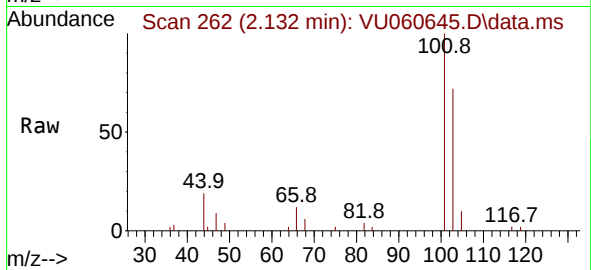




#7
 Trichlorofluoromethane
 Concen: 0.526 ug/l
 RT: 2.132 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

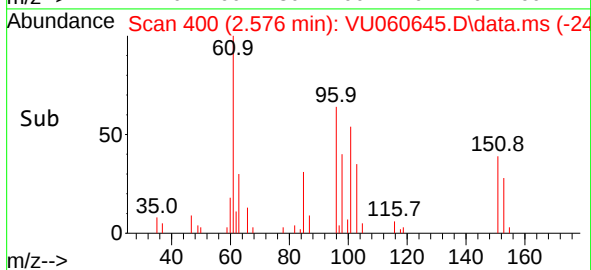
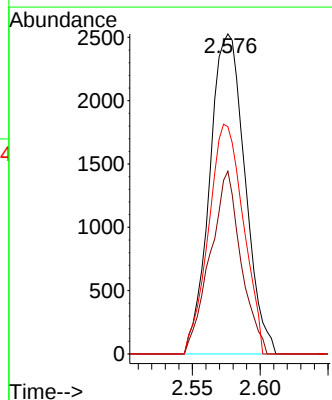
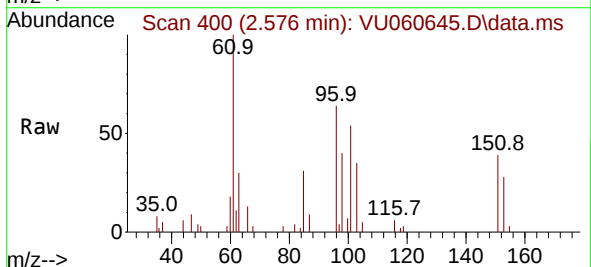
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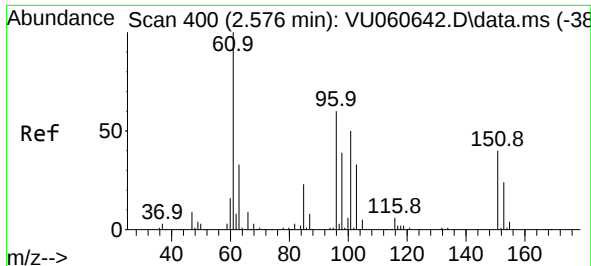
Tgt Ion:101 Resp: 10395
 Ion Ratio Lower Upper
 101 100
 103 72.0 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.440 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

Tgt Ion:101 Resp: 4570
 Ion Ratio Lower Upper
 101 100
 85 50.0 36.2 54.2
 151 70.7 62.2 93.4

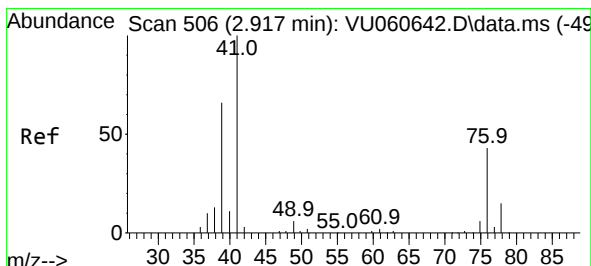
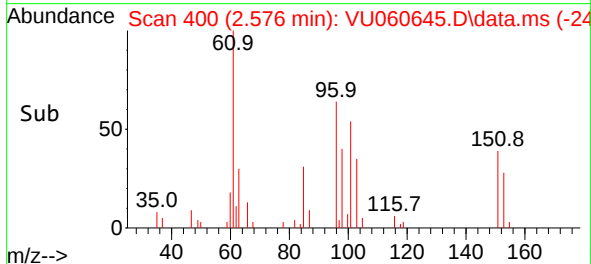
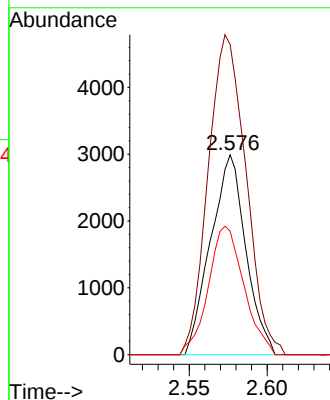
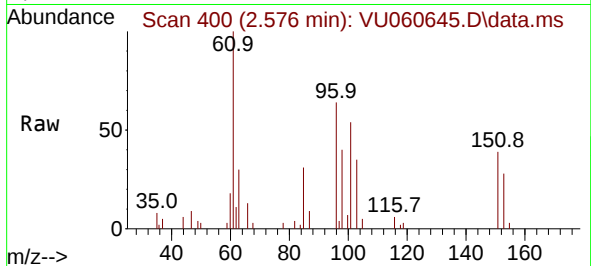




#9
1,1-Dichloroethene
Concen: 0.436 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

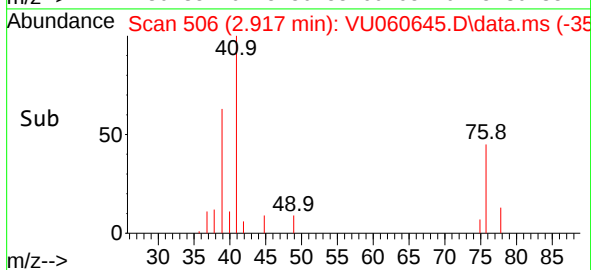
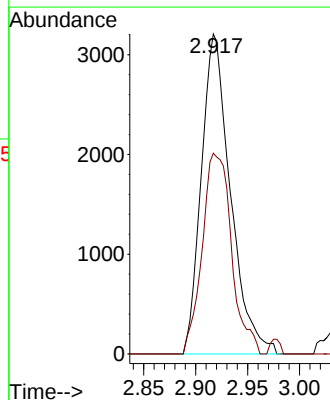
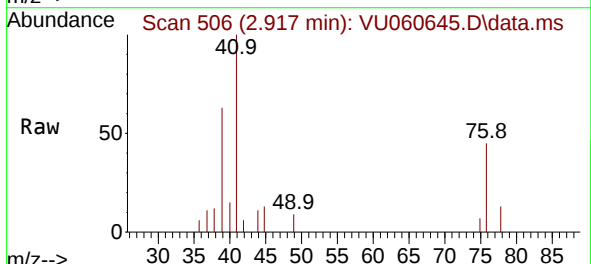
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

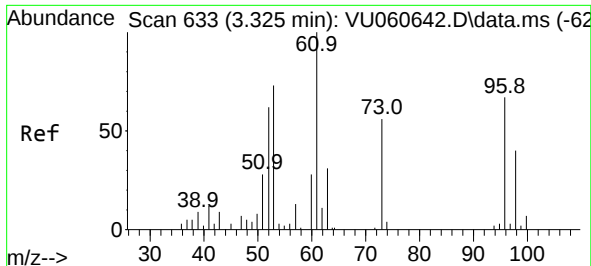
Tgt Ion:	96	Resp:	4698
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	501.0
98	61.8	0.0	128.8



#11
Allyl Chloride
Concen: 0.426 ug/l
RT: 2.917 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	41	Resp:	6243
Ion	Ratio	Lower	Upper
41	100		
39	63.2	53.4	80.0

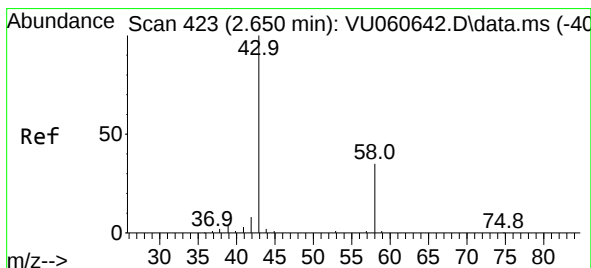
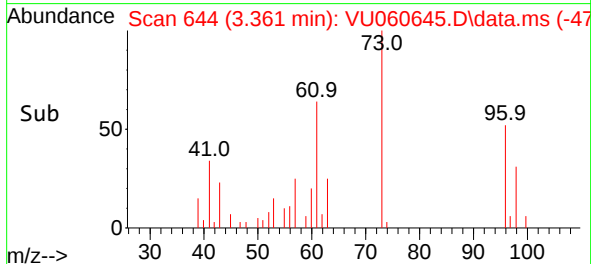
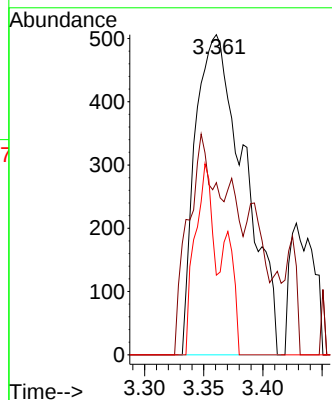
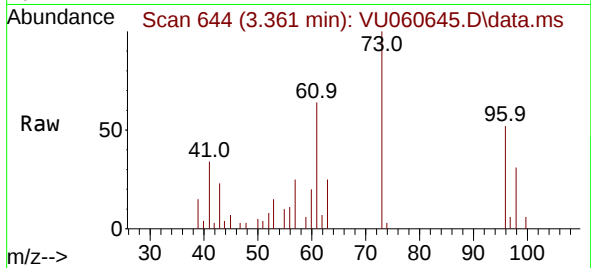




#12
Acrylonitrile
Concen: 0.524 ug/l m
RT: 3.361 min Scan# 644
Delta R.T. 0.035 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

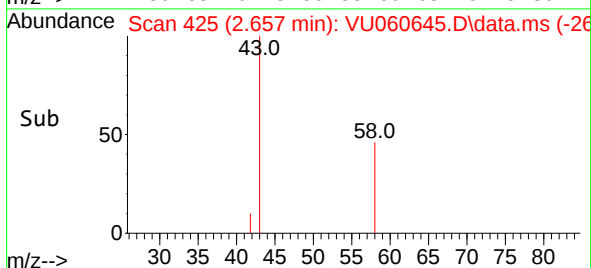
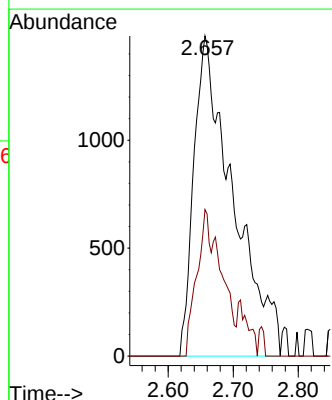
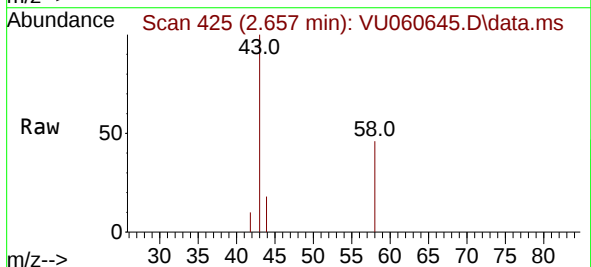
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

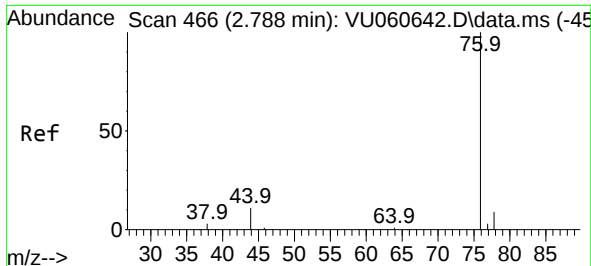
Tgt Ion: 53 Resp: 1461
Ion Ratio Lower Upper
53 100
52 0.0 56.6 84.8#
51 8.6 27.0 40.4#



#13
Acetone
Concen: 1.689 ug/l m
RT: 2.657 min Scan# 425
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 43 Resp: 6163
Ion Ratio Lower Upper
43 100
58 45.8 27.7 41.5#

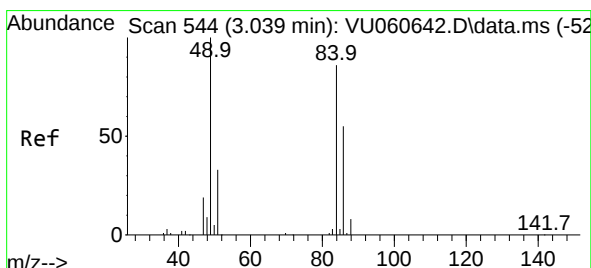
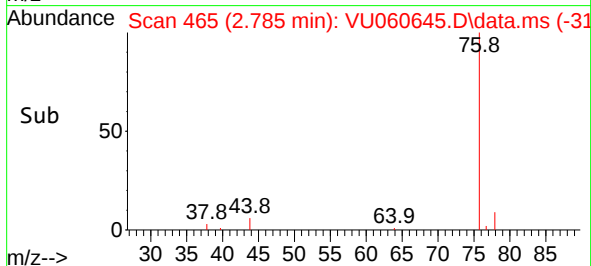
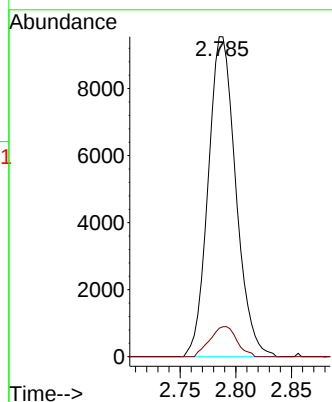
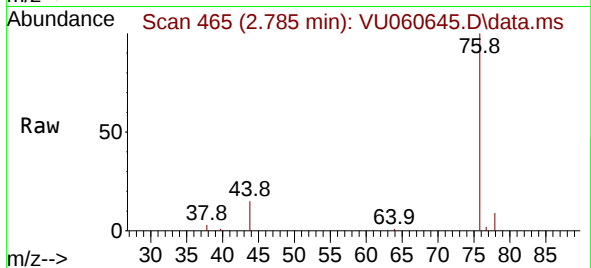




#14
Carbon Disulfide
Concen: 0.454 ug/l
RT: 2.785 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

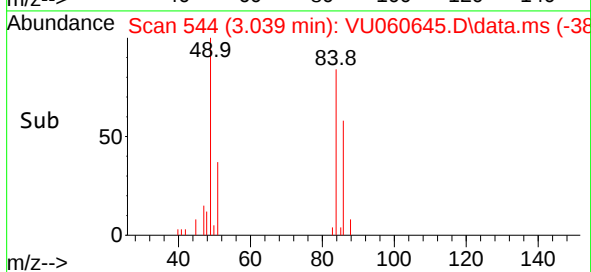
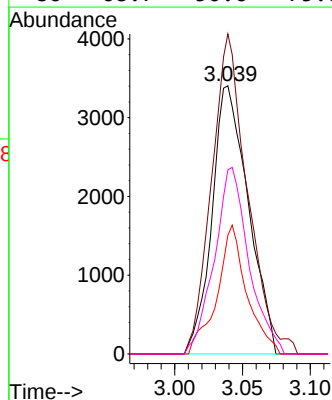
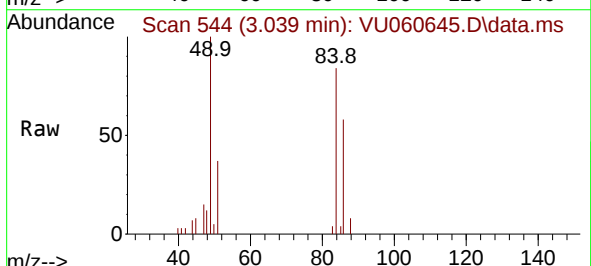
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

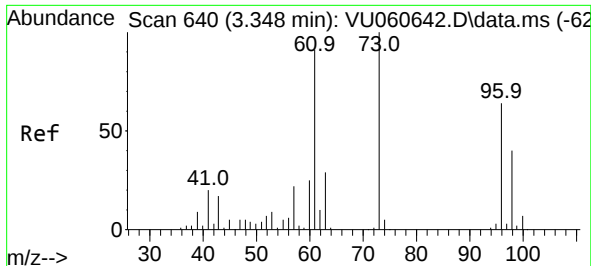
Tgt Ion: 76 Resp: 16504
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#15
Methylene Chloride
Concen: 0.472 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 84 Resp: 6329
Ion Ratio Lower Upper
84 100
49 119.4 92.8 139.2
51 44.3 0.0 75.4
86 68.7 50.6 75.8

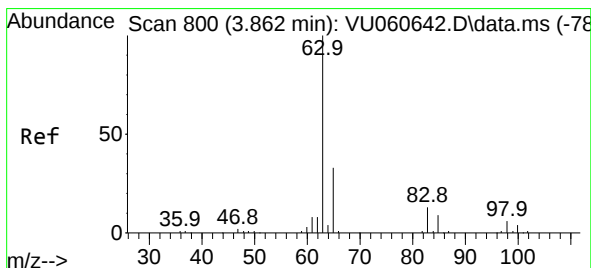
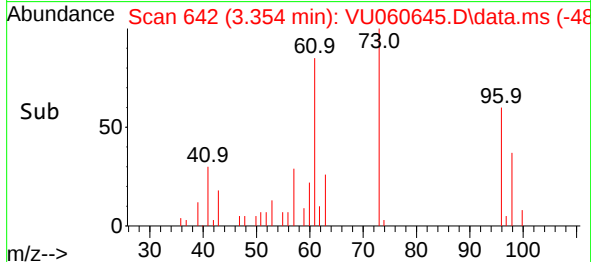
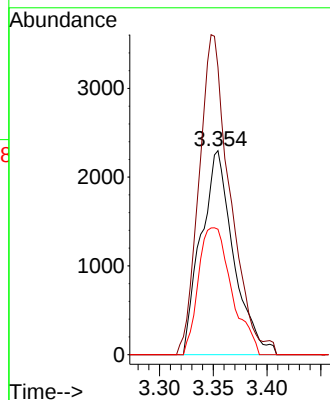
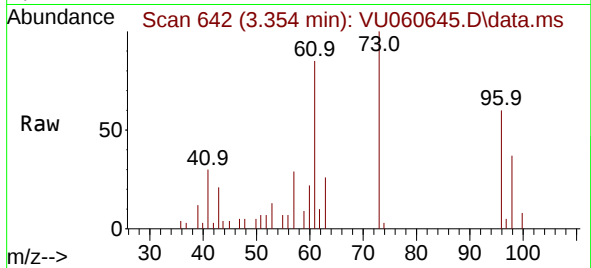




#16
trans-1,2-Dichloroethene
Concen: 0.420 ug/l
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

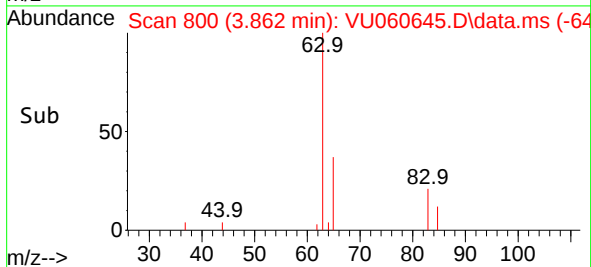
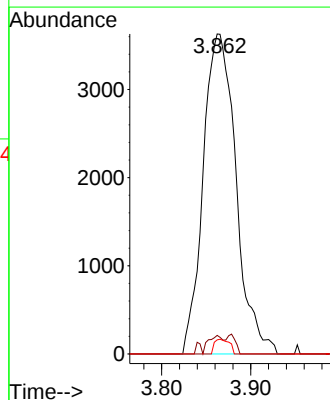
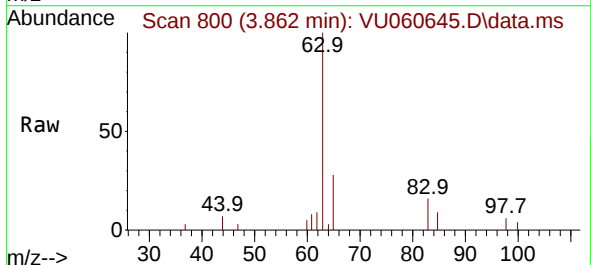
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

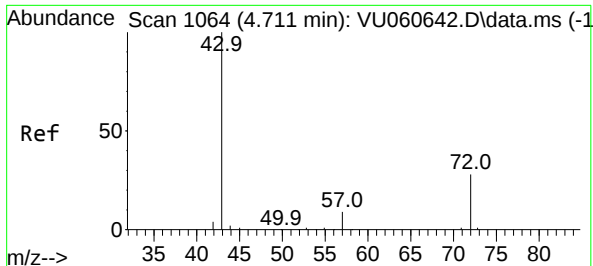
Tgt Ion: 96 Resp: 4836
Ion Ratio Lower Upper
96 100
61 140.9 113.3 169.9
98 61.5 50.0 75.0



#17
1,1-Dichloroethane
Concen: 0.420 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 63 Resp: 9304
Ion Ratio Lower Upper
63 100
98 5.8 3.1 9.4
100 4.4 2.1 6.5





#18

2-Butanone

Concen: 1.219 ug/l m

RT: 4.772 min Scan# 1083

Delta R.T. 0.061 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

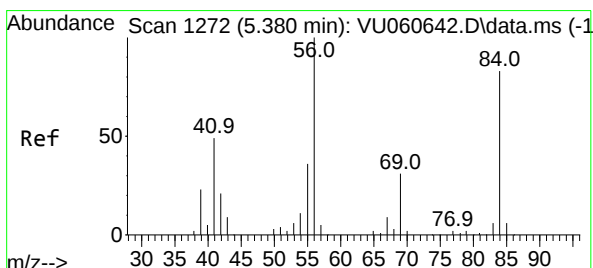
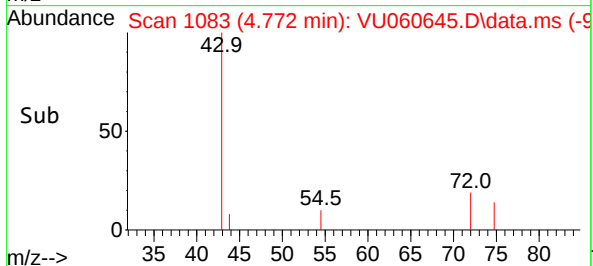
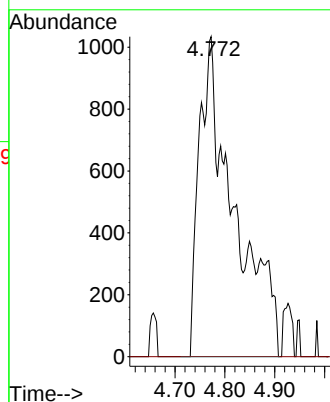
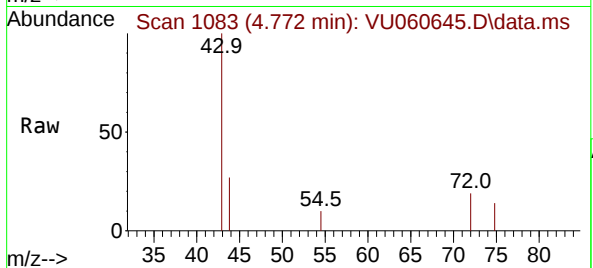
VSTDICC0.5

Tgt Ion: 43 Resp: 5015

Ion Ratio Lower Upper

43 100

57 0.0 0.0 18.8



#19

Cyclohexane

Concen: 0.352 ug/l m

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

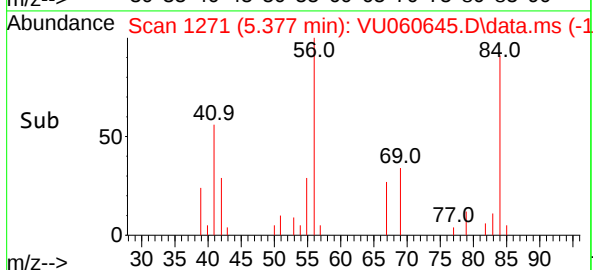
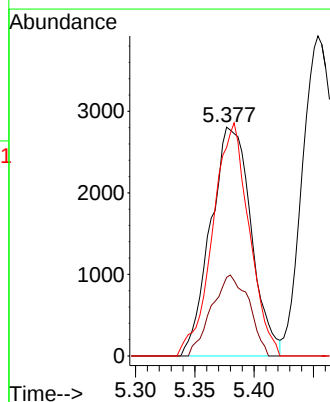
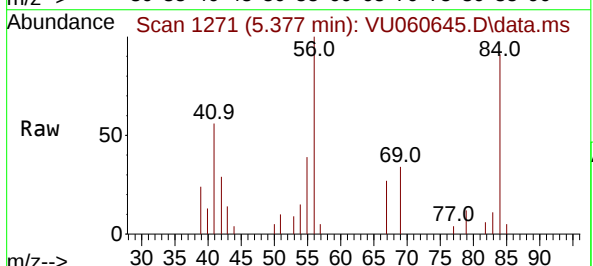
Tgt Ion: 56 Resp: 6683

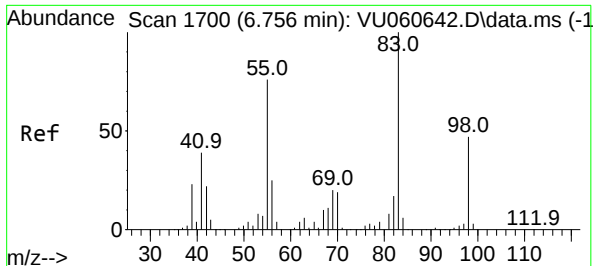
Ion Ratio Lower Upper

56 100

69 32.6 24.7 37.1

84 91.3 67.6 101.4

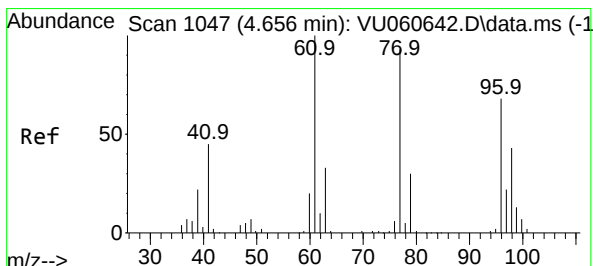
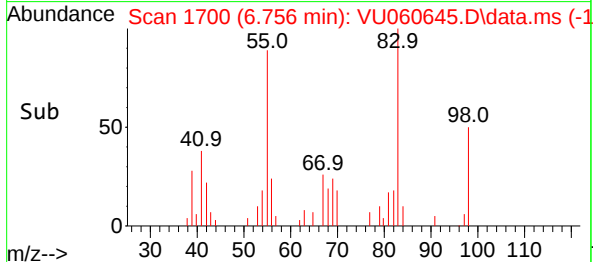
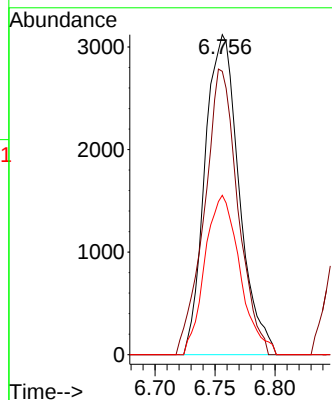
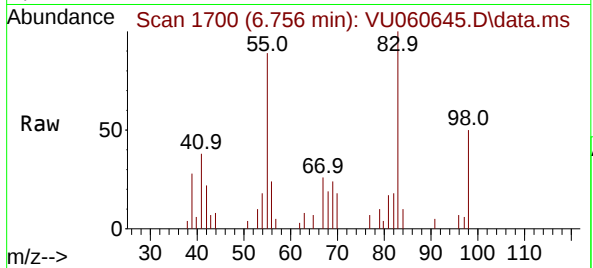




#20
Methylcyclohexane
Concen: 0.400 ug/l
RT: 6.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

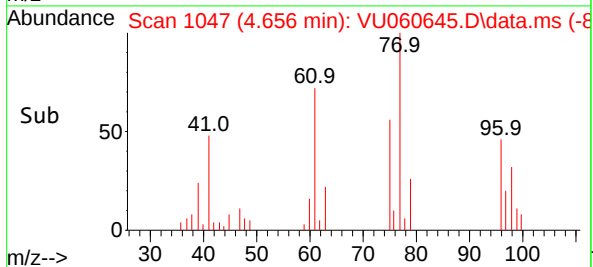
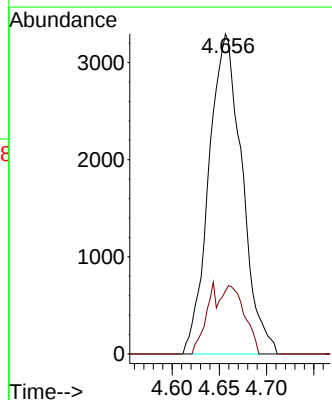
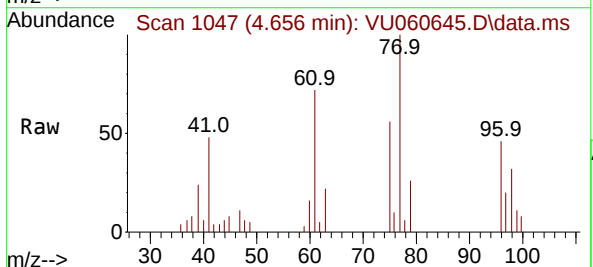
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

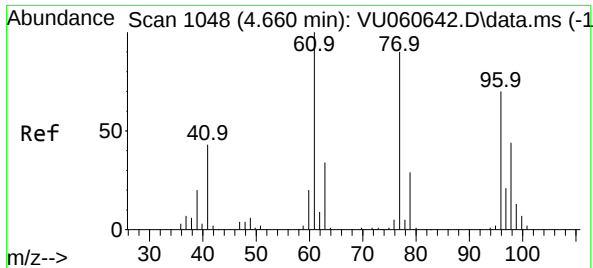
Tgt Ion: 83	Resp: 6167
Ion Ratio	Lower Upper
83 100	
55 87.6	61.6 92.4
98 51.3	37.3 55.9



#21
2,2-Dichloropropane
Concen: 0.460 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 77	Resp: 8034		
Ion Ratio	Lower	Upper	
77 100			
97 14.1	18.3	27.5#	

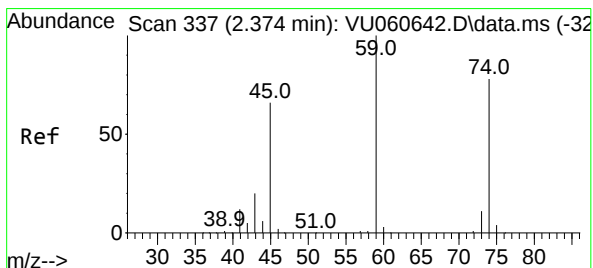
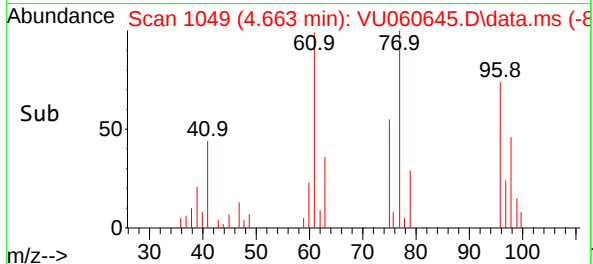
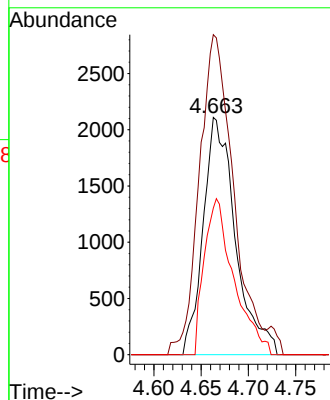
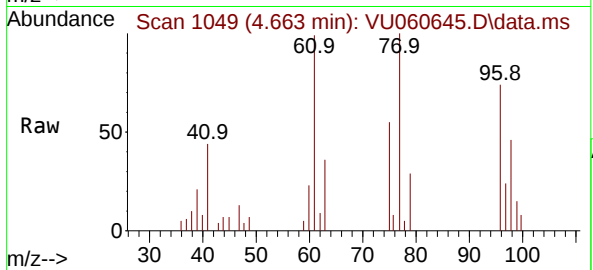




#22
 cis-1,2-Dichloroethene
 Concen: 0.406 ug/l
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

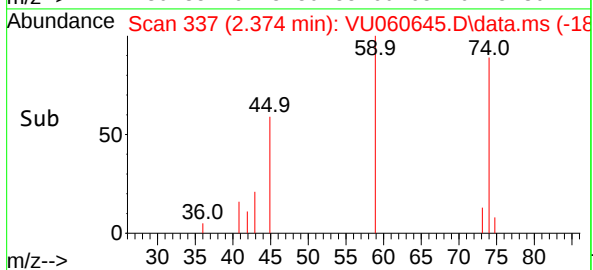
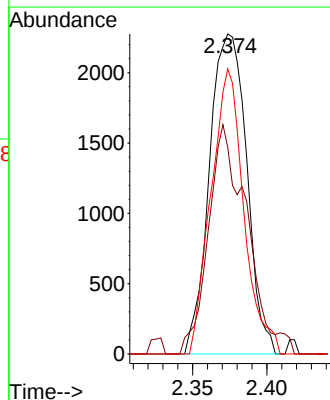
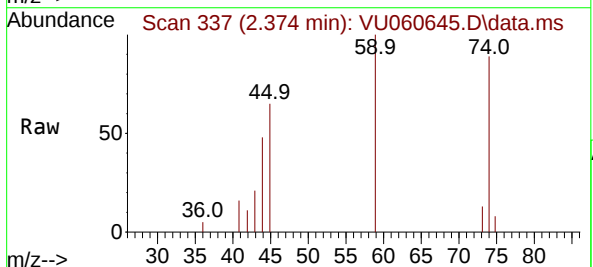
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

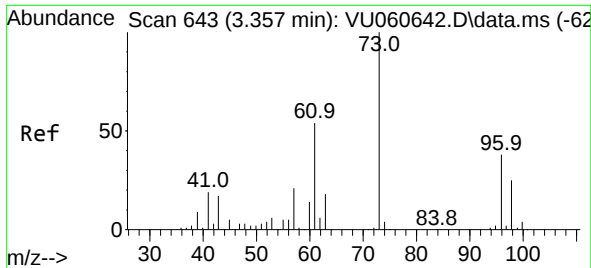
Tgt Ion:	96	Resp:	5013
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	374.5
98	60.2	32.8	98.4



#23
 Diethyl Ether
 Concen: 0.452 ug/l
 RT: 2.374 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

Tgt Ion:	59	Resp:	3968
Ion	Ratio	Lower	Upper
59	100		
45	74.2	53.0	79.4
74	78.6	61.6	92.4

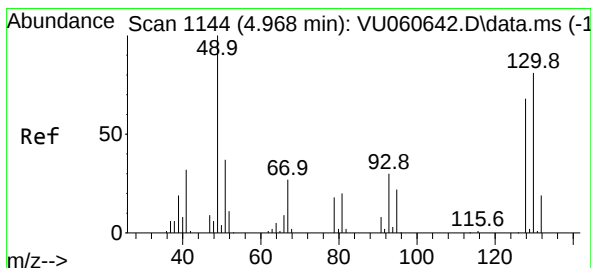
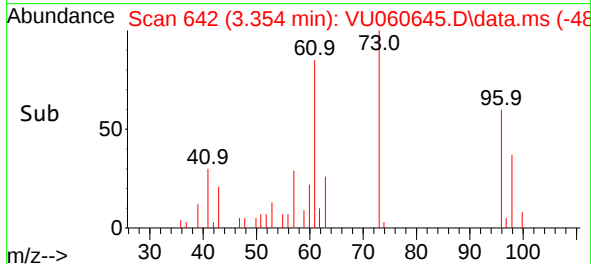
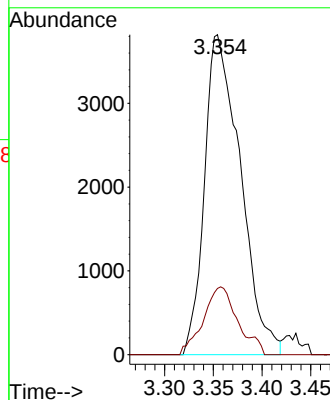
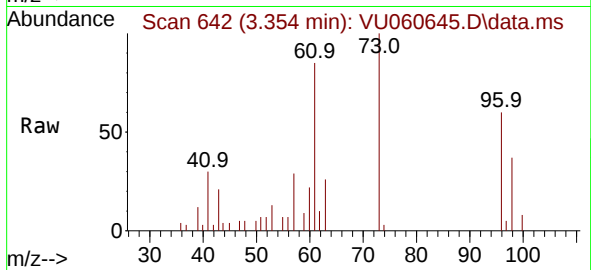




#25
Methyl tert-Butyl Ether
Concen: 0.370 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

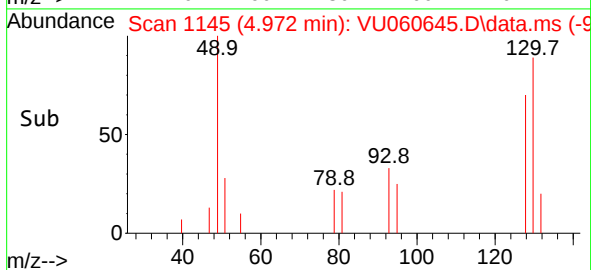
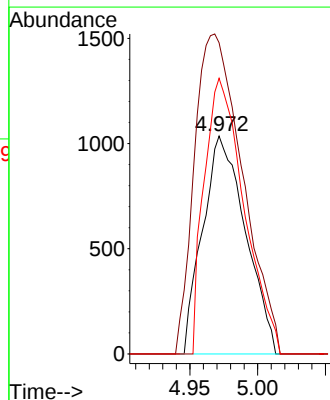
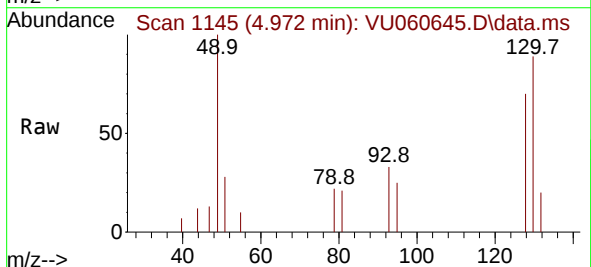
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

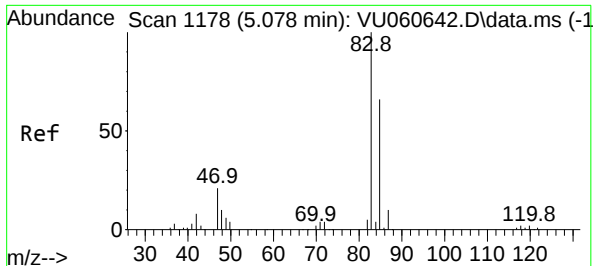
Tgt Ion: 73 Resp: 9769
Ion Ratio Lower Upper
73 100
43 20.3 14.4 21.6



#26
Bromochloromethane
Concen: 0.430 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 128 Resp: 2273
Ion Ratio Lower Upper
128 100
49 165.0 0.0 315.6
130 117.8 101.6 152.4





#27

Chloroform

Concen: 0.459 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

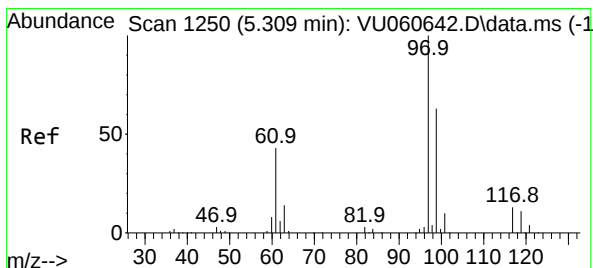
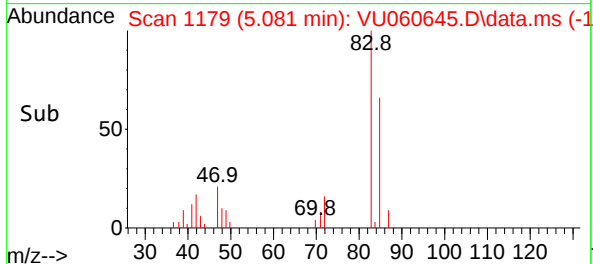
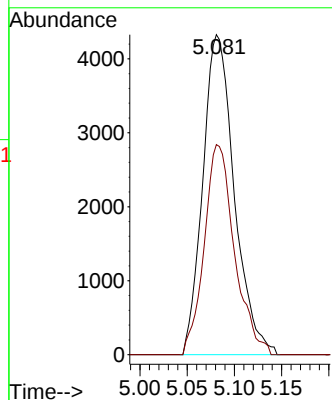
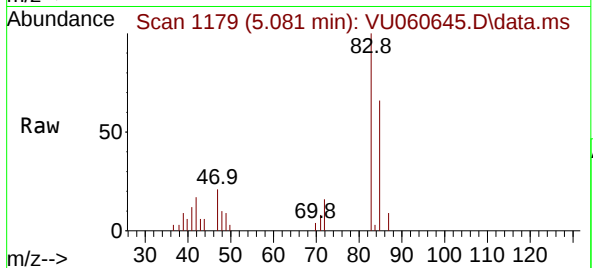
VSTDICC0.5

Tgt Ion: 83 Resp: 10026

Ion Ratio Lower Upper

83 100

85 63.7 0.0 131.4



#28

1,1,1-Trichloroethane

Concen: 0.475 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

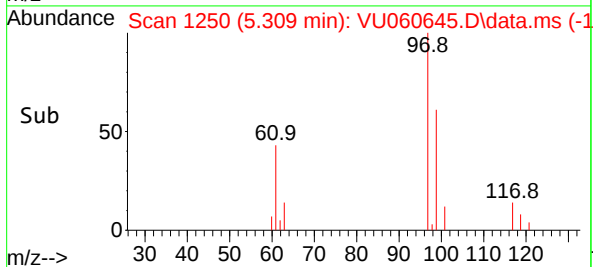
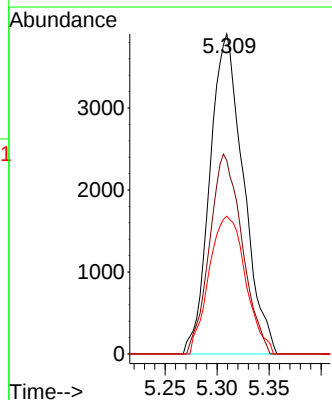
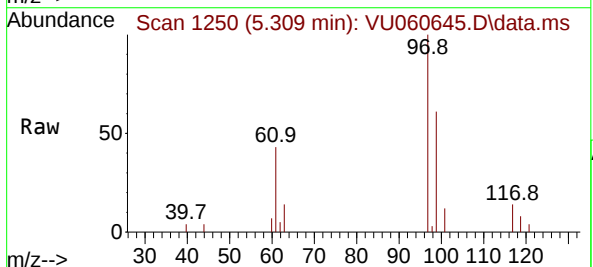
Tgt Ion: 97 Resp: 8731

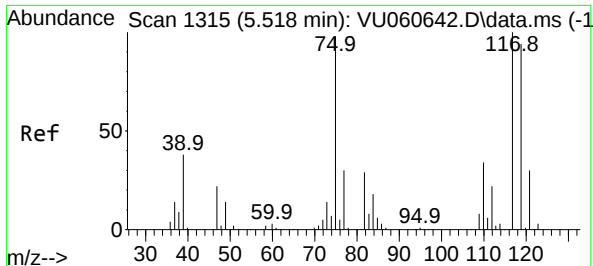
Ion Ratio Lower Upper

97 100

99 60.8 32.1 96.5

61 46.9 21.6 65.0

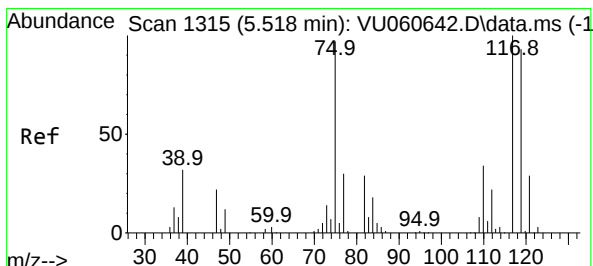
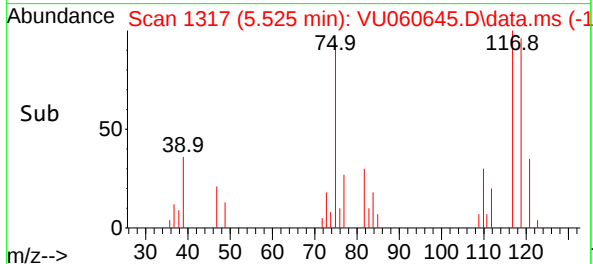
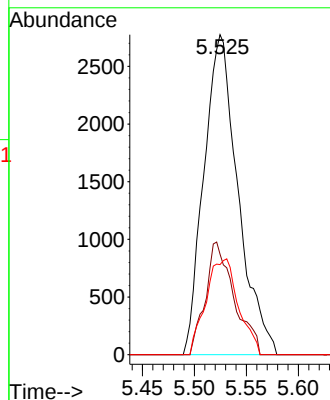
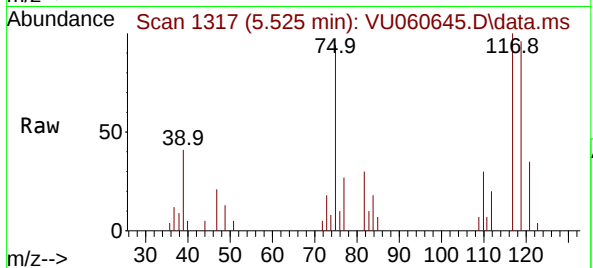




#29
1,1-Dichloropropene
Concen: 0.428 ug/l
RT: 5.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

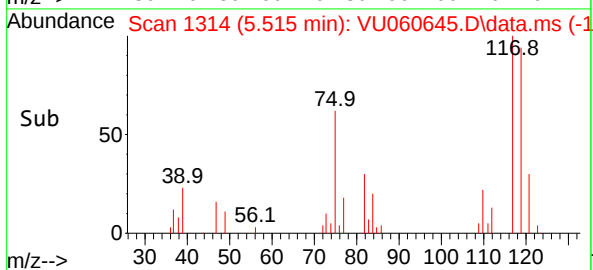
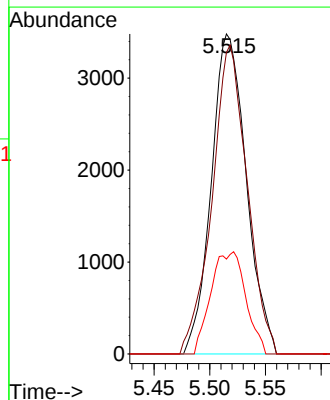
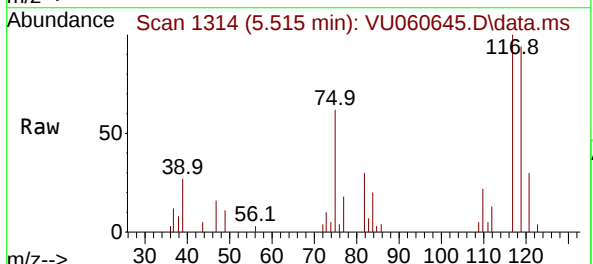
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

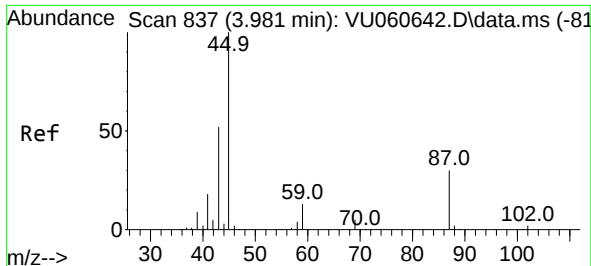
Tgt Ion: 75 Resp: 6317
Ion Ratio Lower Upper
75 100
110 29.8 17.3 52.0
77 28.6 25.0 37.4



#30
Carbon Tetrachloride
Concen: 0.500 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 117 Resp: 7605
Ion Ratio Lower Upper
117 100
119 94.3 74.7 112.1
121 29.6 23.6 35.4

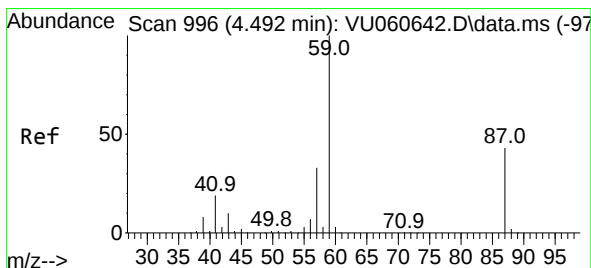
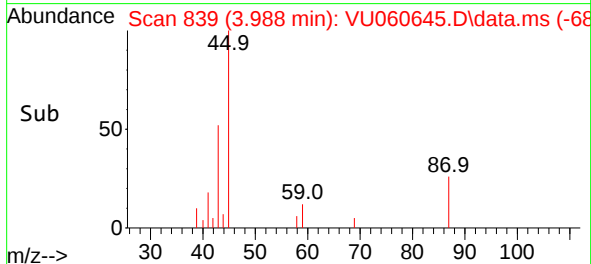
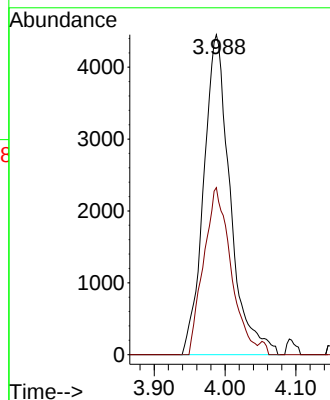
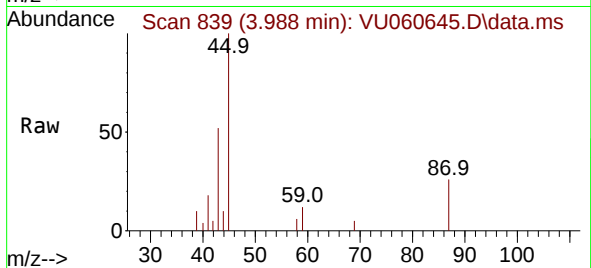




#31
Isopropyl Ether
Concen: 0.362 ug/l
RT: 3.988 min Scan# 81
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

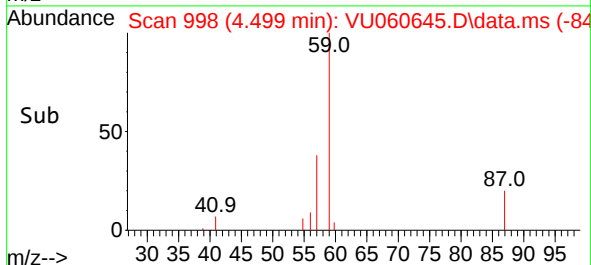
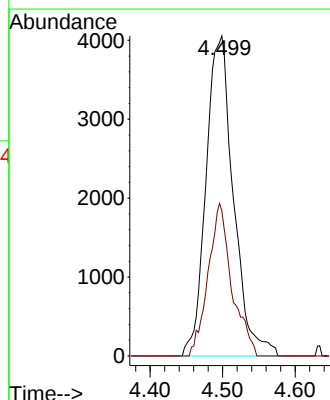
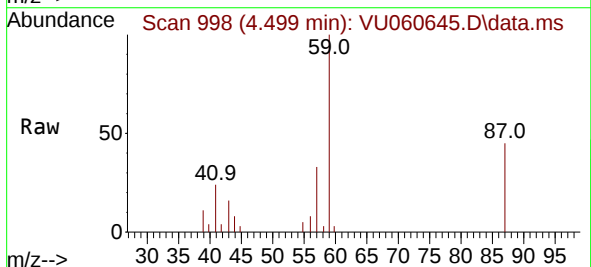
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

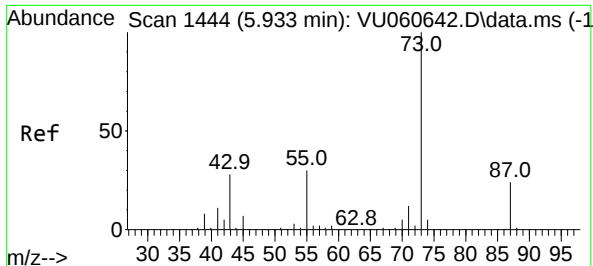
Tgt Ion: 45 Resp: 11574
Ion Ratio Lower Upper
45 100
43 53.5 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 0.344 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 59 Resp: 10671
Ion Ratio Lower Upper
59 100
87 41.0 33.6 50.4

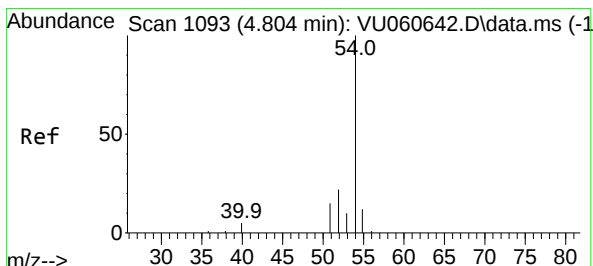
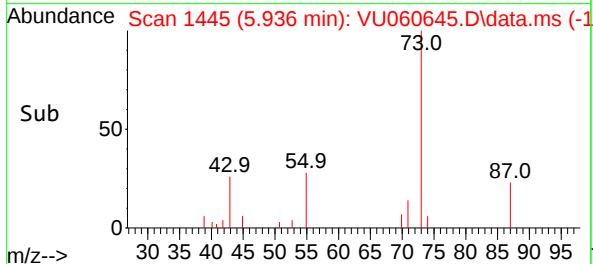
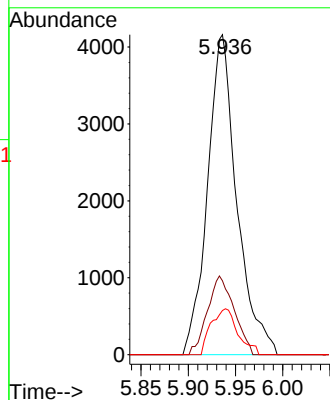
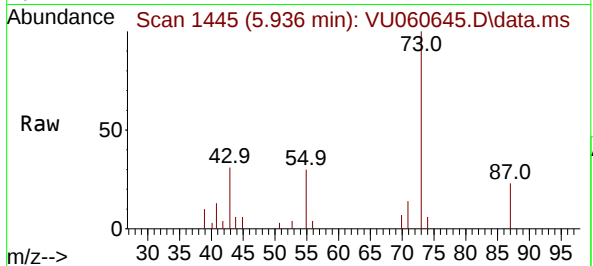




#33
Tert-Amyl methyl ether
Concen: 0.395 ug/l
RT: 5.936 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

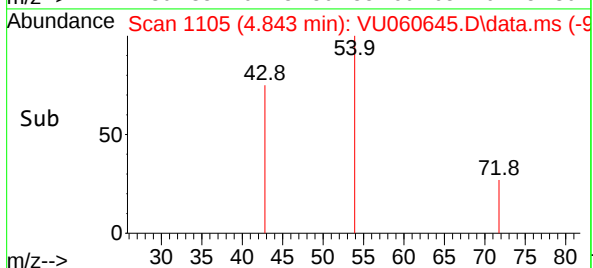
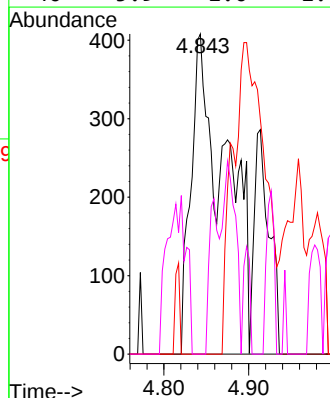
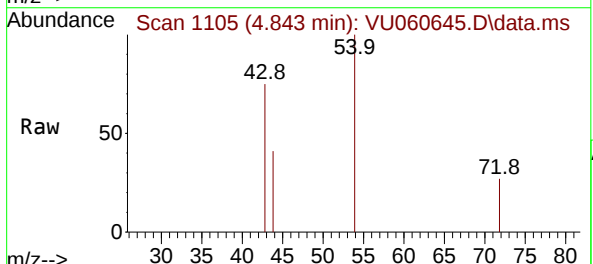
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

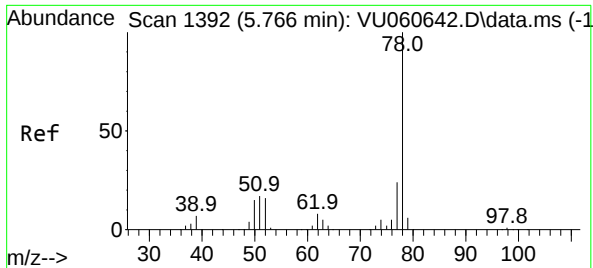
Tgt Ion: 73	Resp: 8969
Ion Ratio	Lower Upper
73	100
87	22.4 19.8 29.8
71	13.0 9.2 13.8



#34
Propionitrile
Concen: 1.349 ug/l m
RT: 4.843 min Scan# 1105
Delta R.T. 0.039 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 54	Resp: 1514
Ion Ratio	Lower Upper
54	100
52	0.0 12.2 18.2#
55	0.0 3.5 5.3#
40	5.9 1.0 1.4#





#35

Benzene

Concen: 0.446 ug/l

RT: 5.769 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

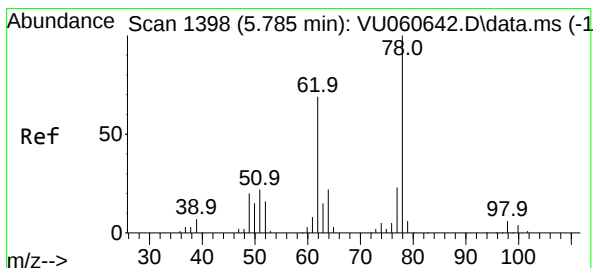
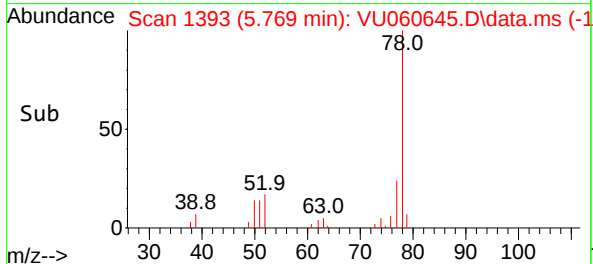
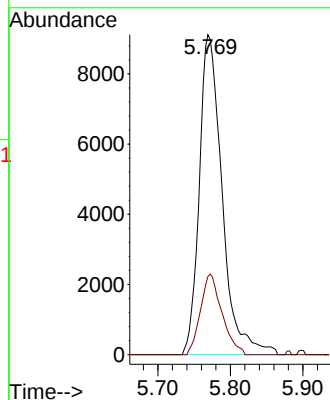
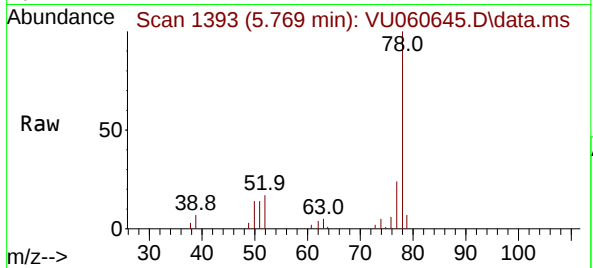
VSTDICC0.5

Tgt Ion: 78 Resp: 19974

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.2



#36

1,2-Dichloroethane

Concen: 0.481 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU060645.D

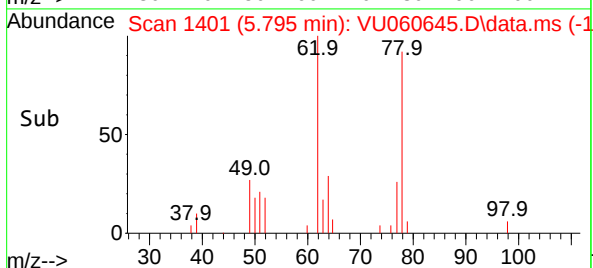
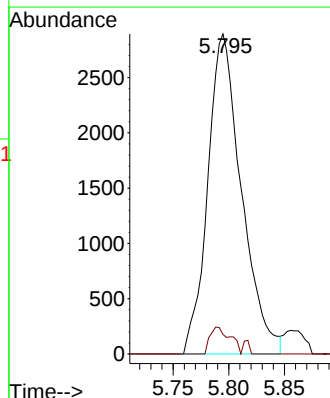
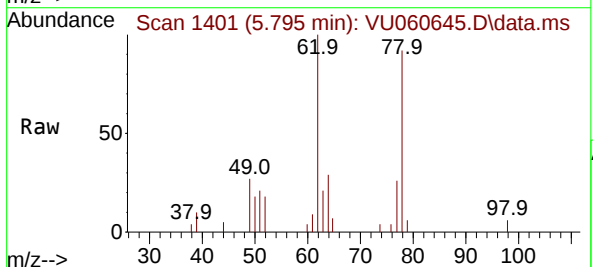
Acq: 06 Sep 2024 16:45

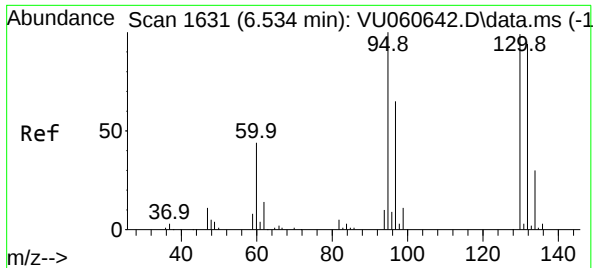
Tgt Ion: 62 Resp: 6085

Ion Ratio Lower Upper

62 100

98 5.0 6.9 10.3#

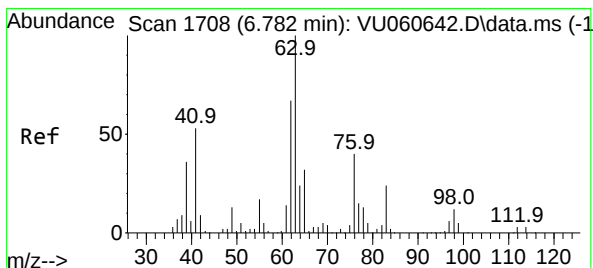
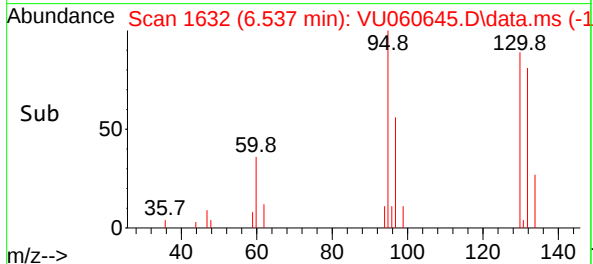
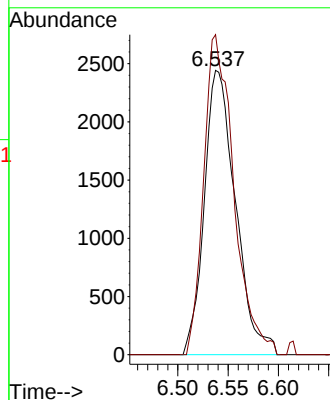
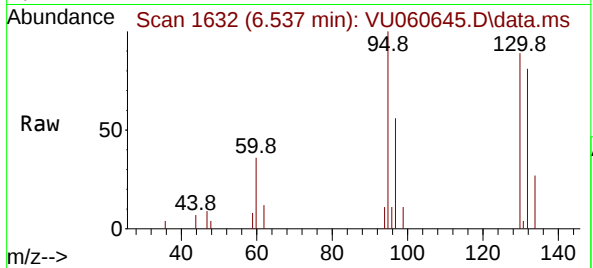




#37
Trichloroethene
Concen: 0.472 ug/l
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

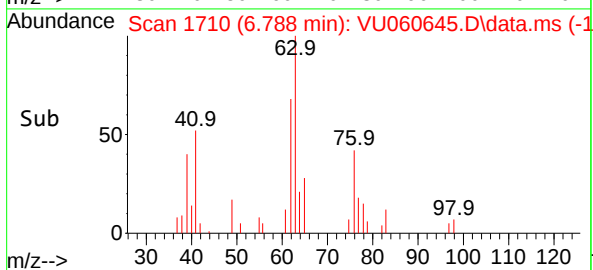
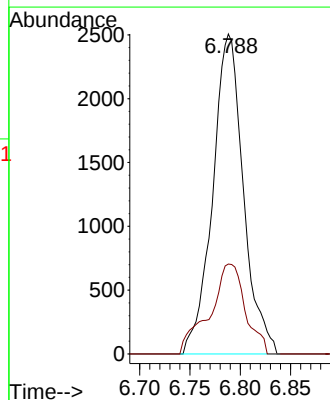
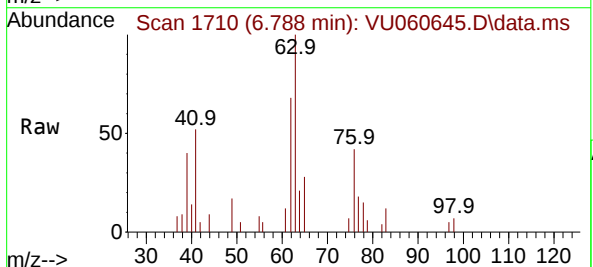
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

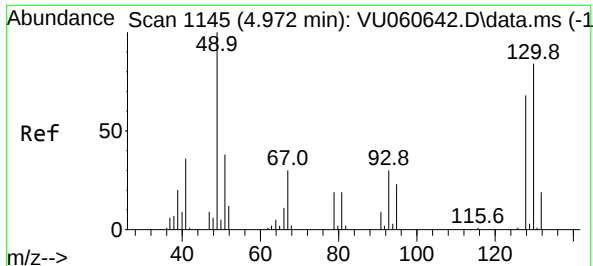
Tgt Ion:130 Resp: 5273
Ion Ratio Lower Upper
130 100
95 112.6 80.9 121.3



#38
1,2-Dichloropropane
Concen: 0.440 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 63 Resp: 5315
Ion Ratio Lower Upper
63 100
65 28.1 25.8 38.6





#39

Methacrylonitrile

Concen: 0.234 ug/l m

RT: 5.007 min Scan# 1156

Delta R.T. 0.035 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 940

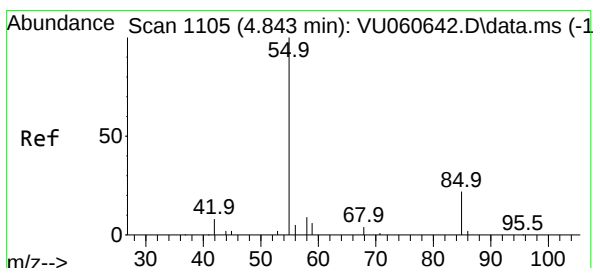
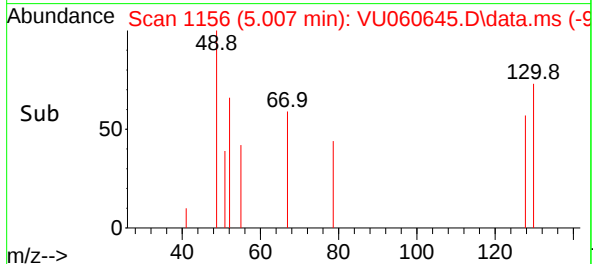
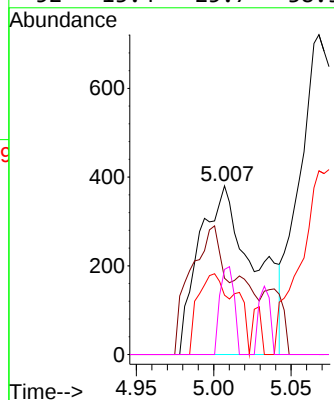
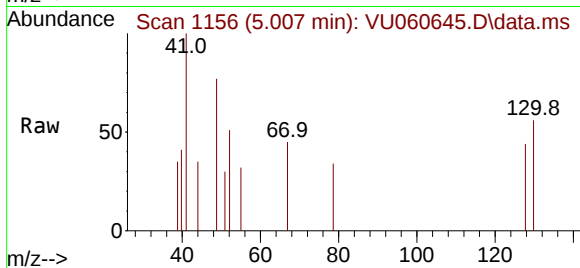
Ion Ratio Lower Upper

41 100

67 46.7 72.6 109.0#

39 24.6 42.8 64.2#

52 13.4 25.7 38.5#



#40

Methyl acrylate

Concen: 0.225 ug/l m

RT: 4.894 min Scan# 1121

Delta R.T. 0.051 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion: 55 Resp: 1606

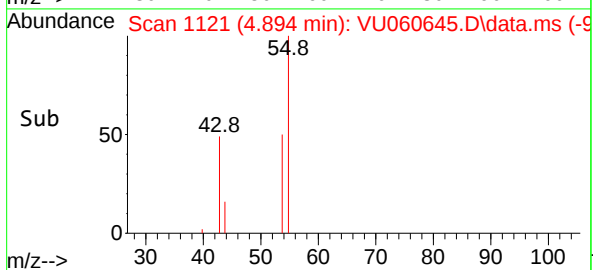
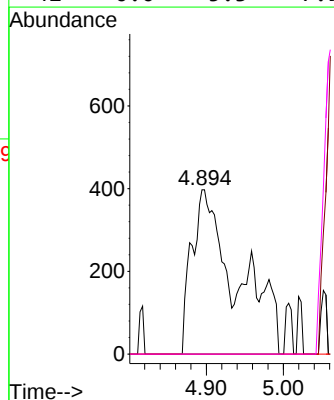
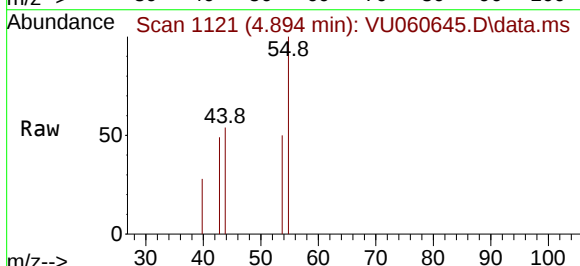
Ion Ratio Lower Upper

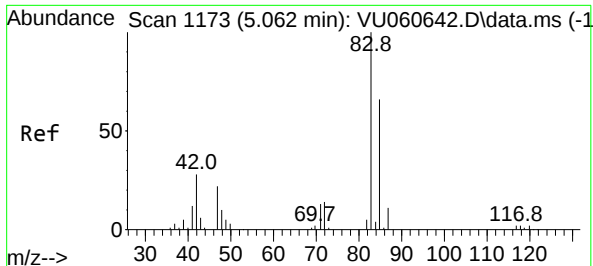
55 100

85 0.0 12.2 18.4#

58 0.0 6.3 9.5#

42 0.0 5.3 7.9#





#41

Tetrahydrofuran

Concen: 1.654 ug/l m

RT: 5.084 min Scan# 1173

Delta R.T. 0.023 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

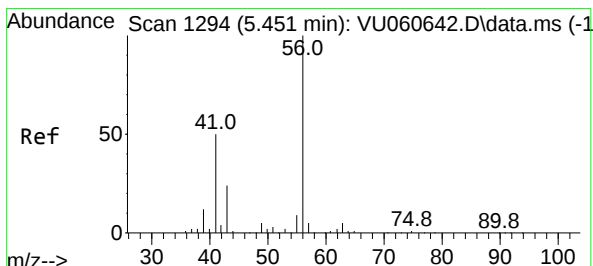
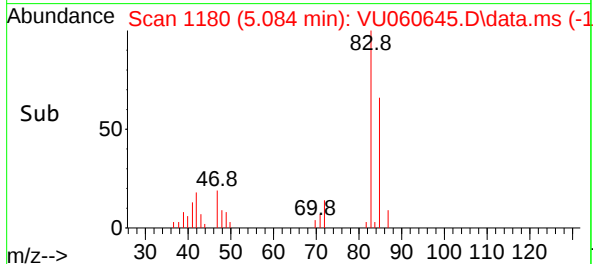
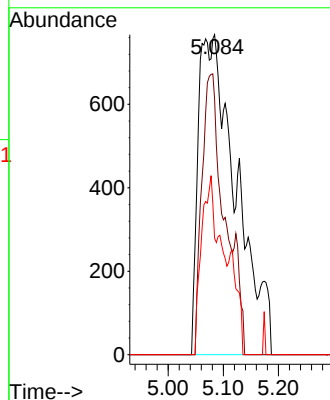
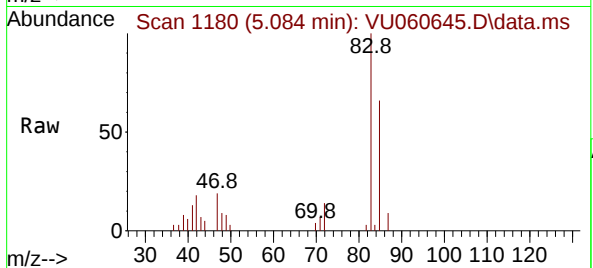
Tgt Ion: 42 Resp: 3643

Ion Ratio Lower Upper

42 100

72 47.2 40.4 60.6

71 19.6 33.8 50.6#



#42

1-Chlorobutane

Concen: 0.416 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.003 min

Lab File: VU060645.D

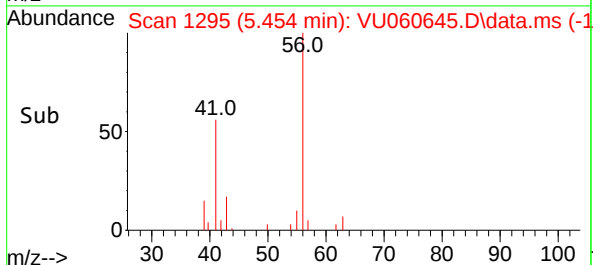
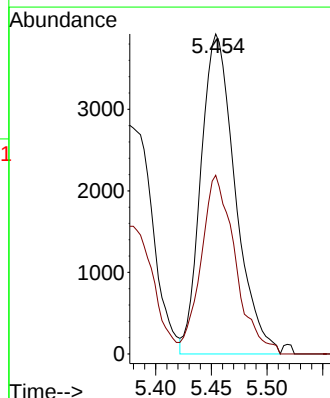
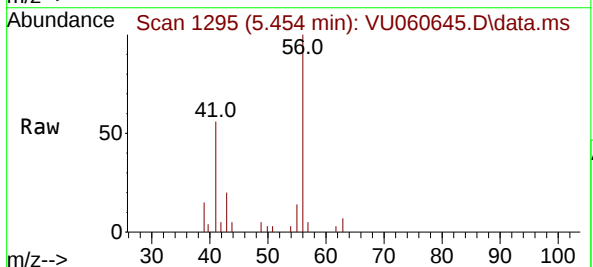
Acq: 06 Sep 2024 16:45

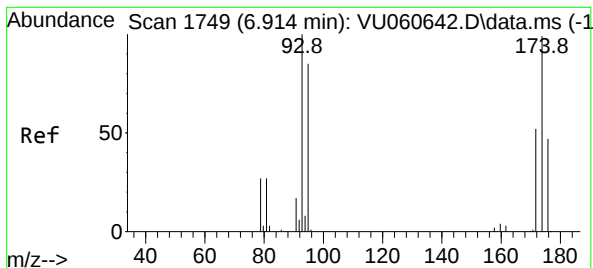
Tgt Ion: 56 Resp: 8407

Ion Ratio Lower Upper

56 100

41 55.5 24.9 74.6





#43

Dibromomethane

Concen: 0.456 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

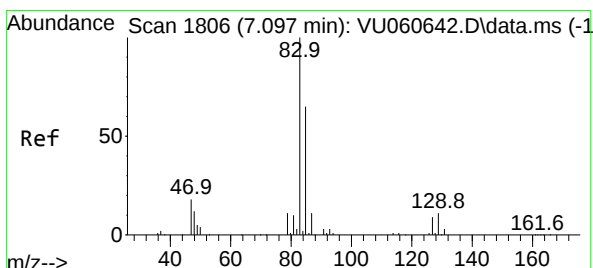
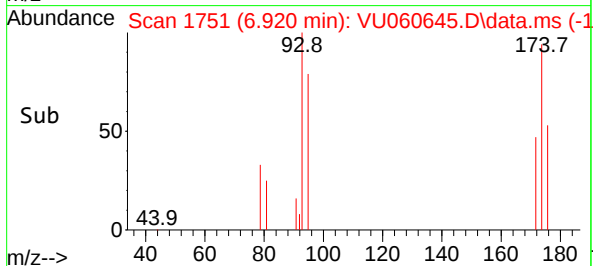
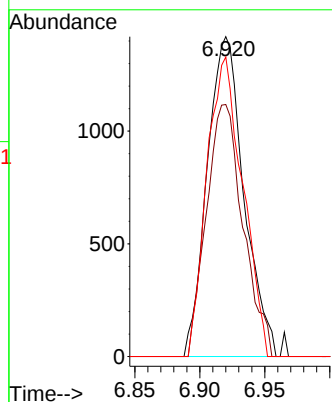
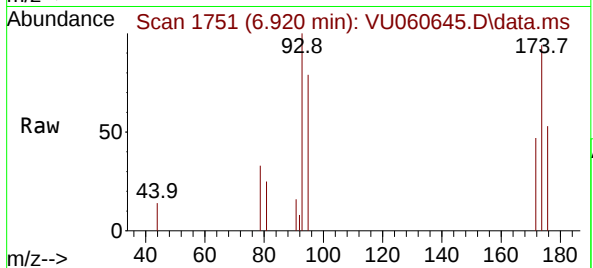
Tgt Ion: 93 Resp: 2787

Ion Ratio Lower Upper

93 100

95 78.5 66.1 99.1

174 91.4 76.2 114.4



#44

Bromodichloromethane

Concen: 0.465 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

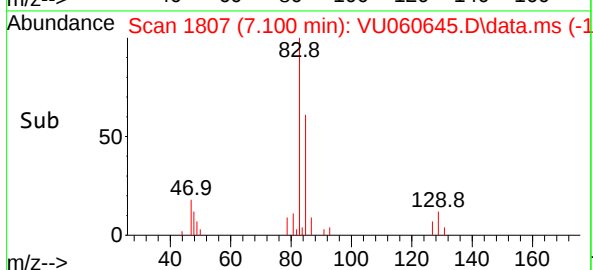
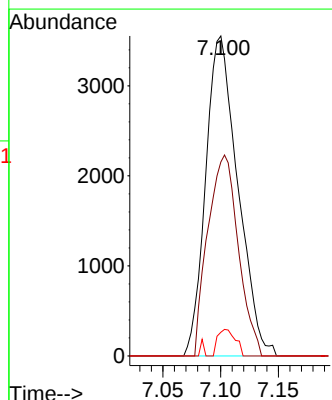
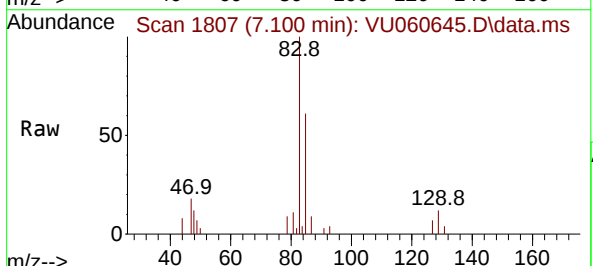
Tgt Ion: 83 Resp: 6872

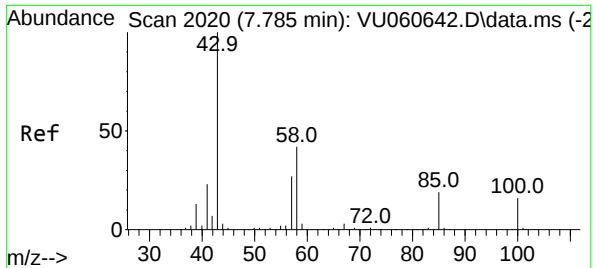
Ion Ratio Lower Upper

83 100

85 58.1 52.2 78.4

127 7.1 8.1 12.1#

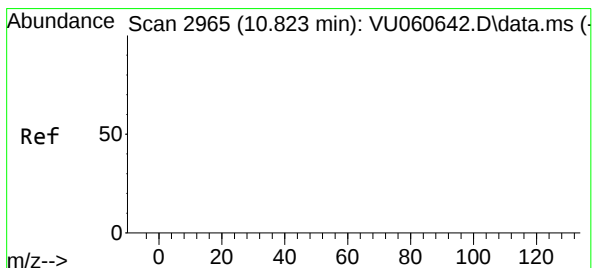
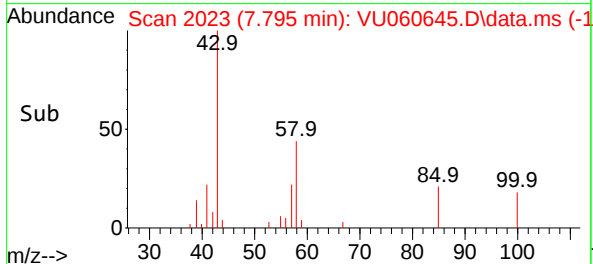
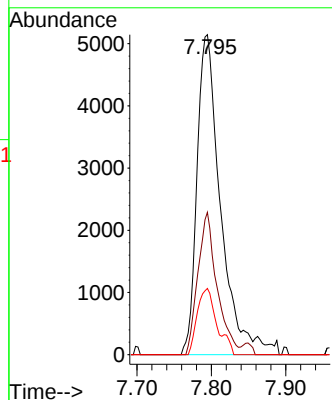
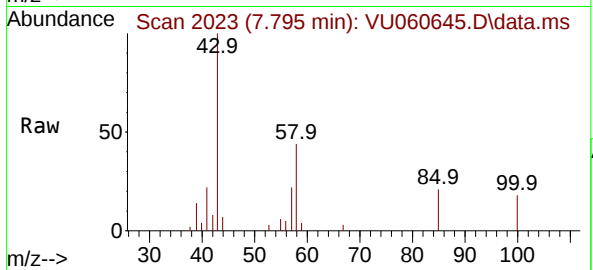




#45
4-Methyl-2-Pentanone
Concen: 1.951 ug/l m
RT: 7.795 min Scan# 2023
Delta R.T. 0.010 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

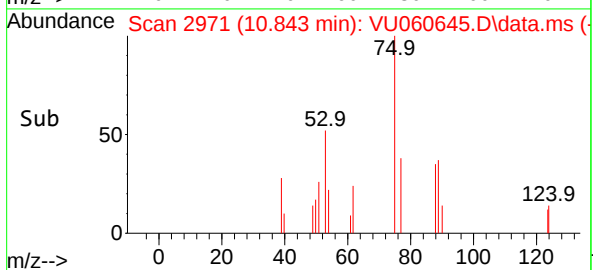
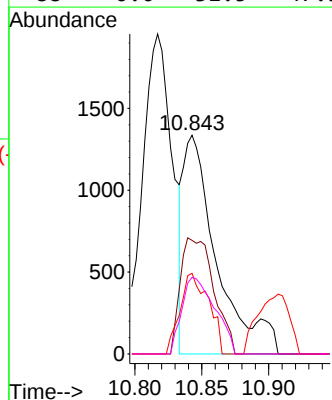
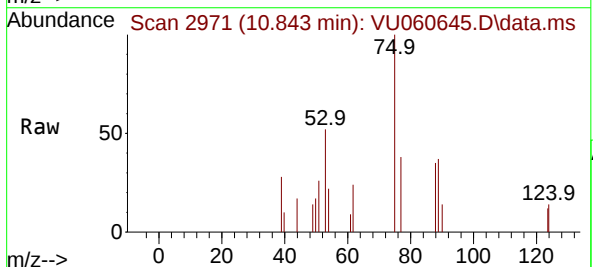
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

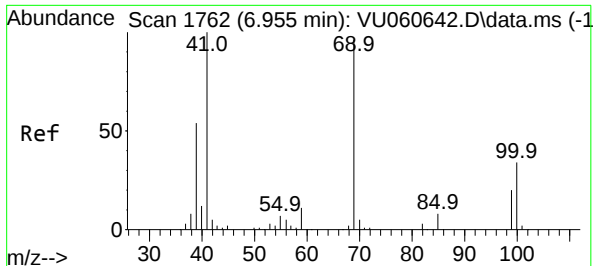
Tgt Ion: 43 Resp: 11358
Ion Ratio Lower Upper
43 100
58 35.9 21.2 63.6
85 17.1 15.2 22.8



#46
t-1,4-Dichloro-2-butene
Concen: 0.721 ug/l m
RT: 10.843 min Scan# 2971
Delta R.T. 0.019 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 75 Resp: 2326
Ion Ratio Lower Upper
75 100
53 0.0 55.5 83.3#
89 0.0 36.8 55.2#
88 0.0 31.5 47.3#

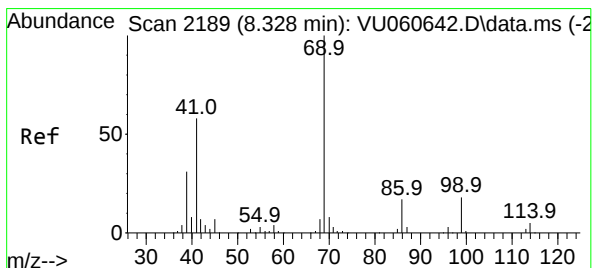
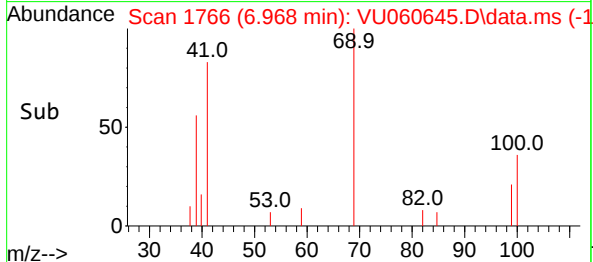
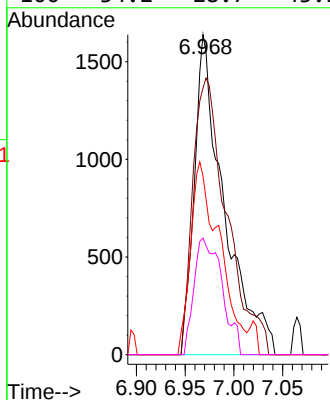
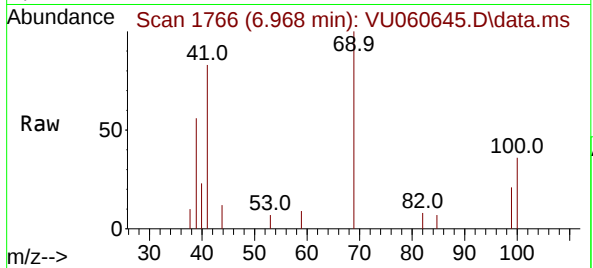




#47
Methyl methacrylate
Concen: 0.702 ug/l
RT: 6.968 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

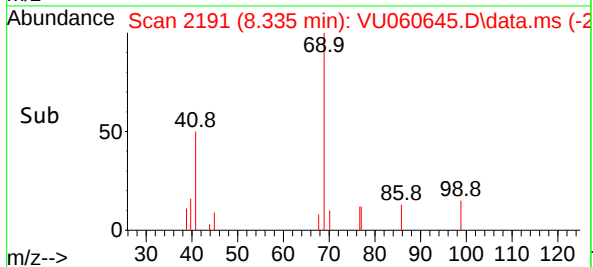
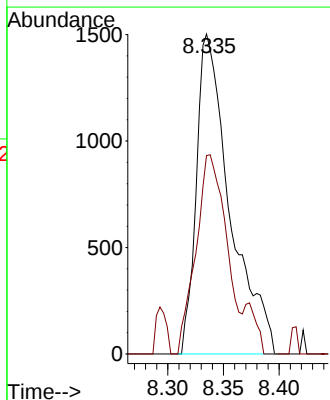
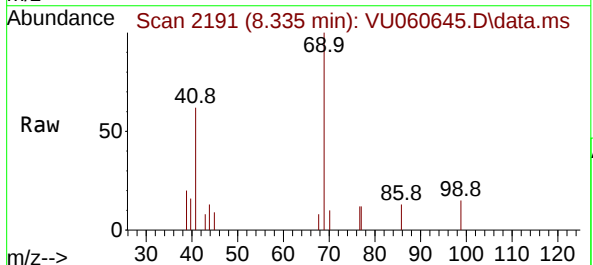
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

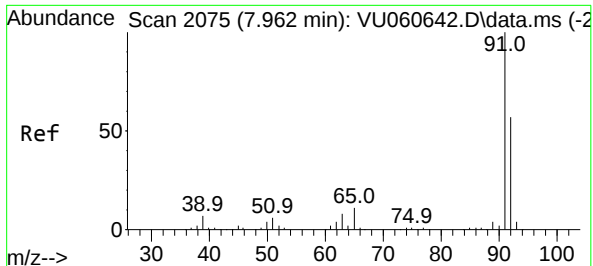
Tgt Ion:	69	Resp:	3481
Ion	Ratio	Lower	Upper
69	100		
41	98.6	0.0	211.8
39	58.7	45.1	67.7
100	34.2	28.7	43.1



#48
Ethyl methacrylate
Concen: 0.370 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	69	Resp:	3151
Ion	Ratio	Lower	Upper
69	100		
41	56.8	28.9	86.7





#49

Toluene

Concen: 0.413 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

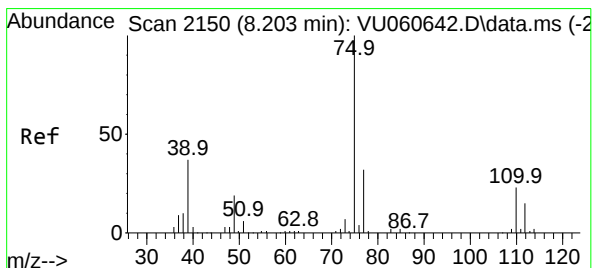
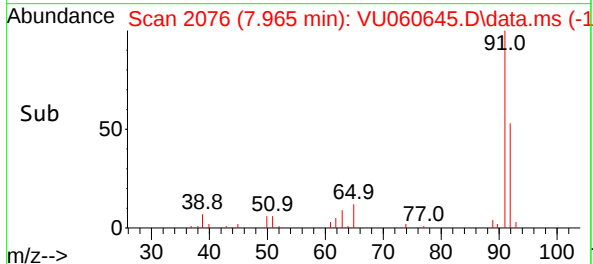
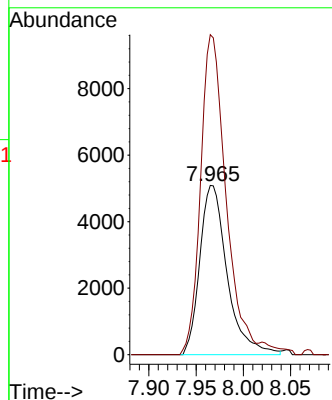
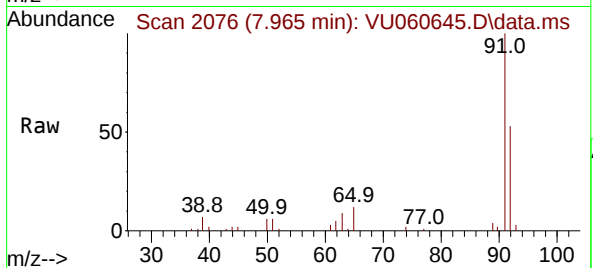
VSTDICC0.5

Tgt Ion: 92 Resp: 10253

Ion Ratio Lower Upper

92 100

91 174.4 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.422 ug/l m

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU060645.D

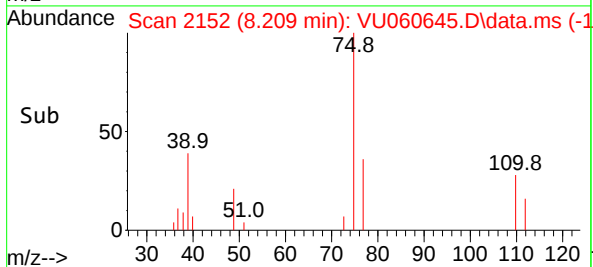
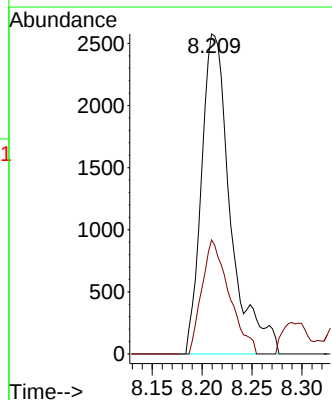
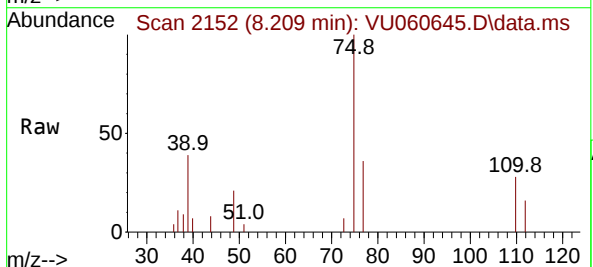
Acq: 06 Sep 2024 16:45

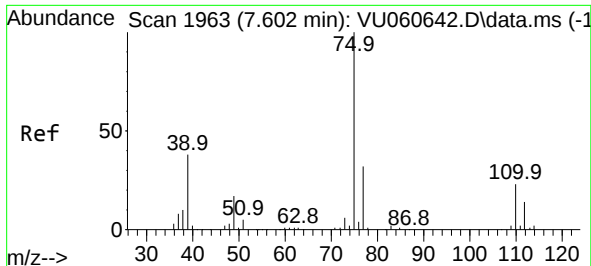
Tgt Ion: 75 Resp: 5197

Ion Ratio Lower Upper

75 100

77 35.7 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 0.452 ug/l

RT: 7.608 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

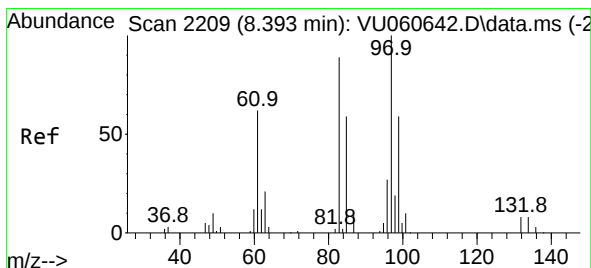
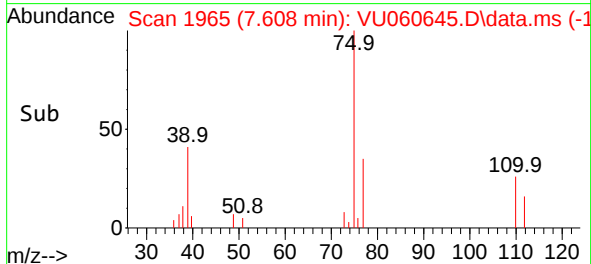
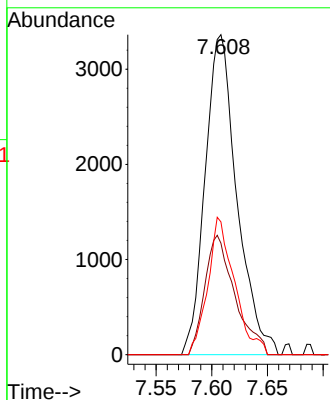
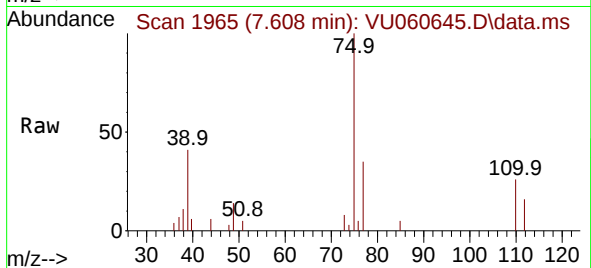
Tgt Ion: 75 Resp: 6685

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.2

39 47.4 30.7 46.1#



#52

1,1,2-Trichloroethane

Concen: 0.414 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion: 97 Resp: 3683

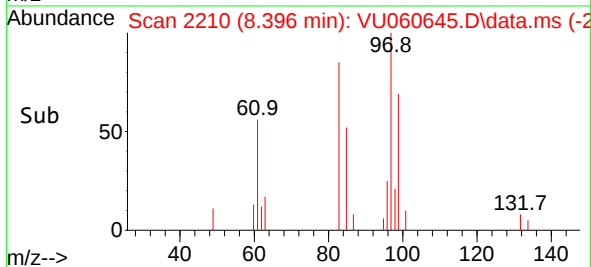
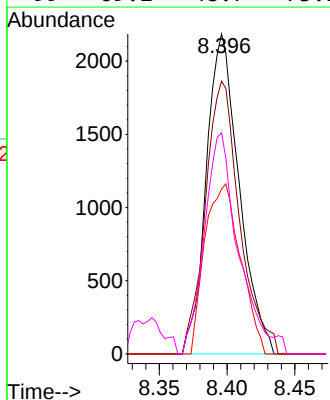
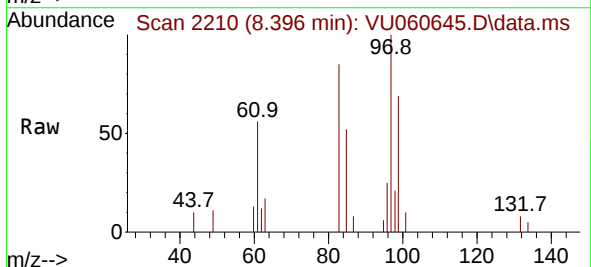
Ion Ratio Lower Upper

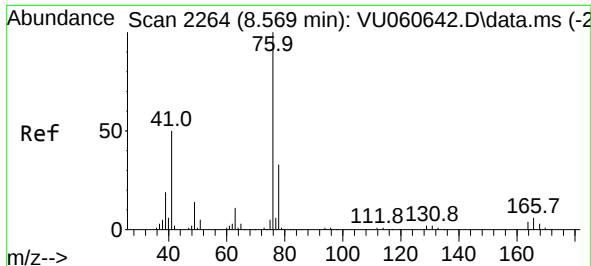
97 100

83 85.2 71.4 107.2

85 51.6 46.9 70.3

99 69.2 48.7 73.1

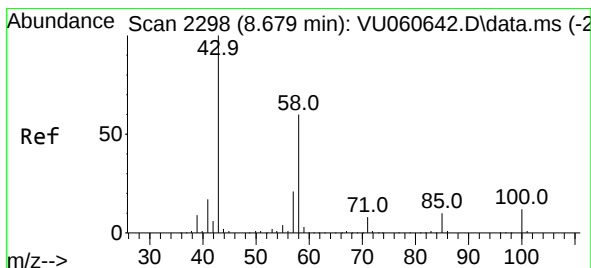
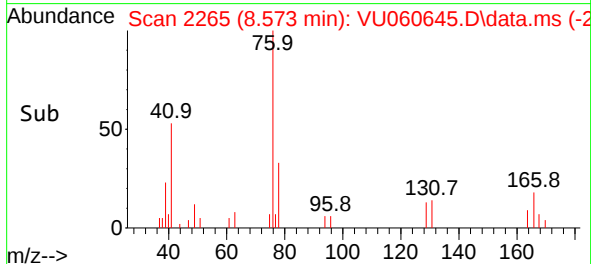
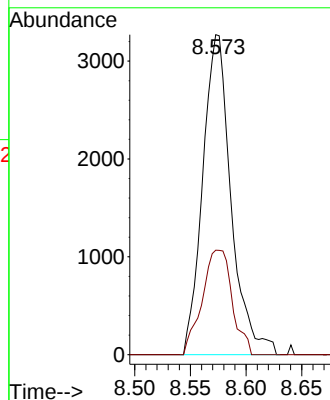
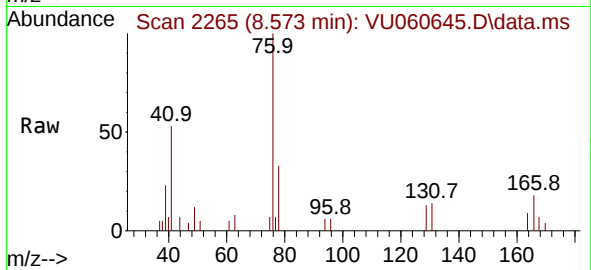




#53
1,3-Dichloropropane
Concen: 0.404 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

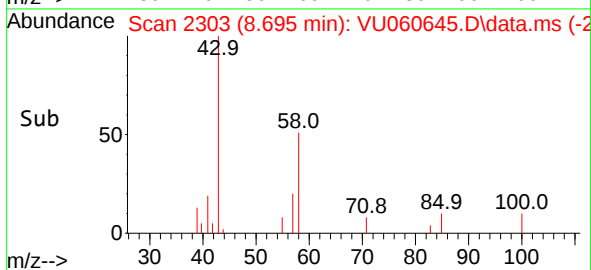
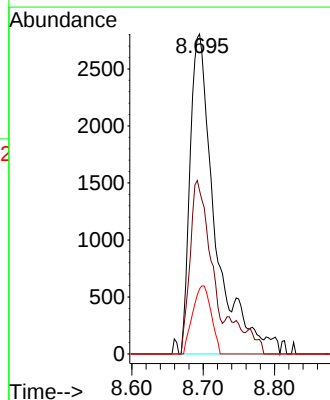
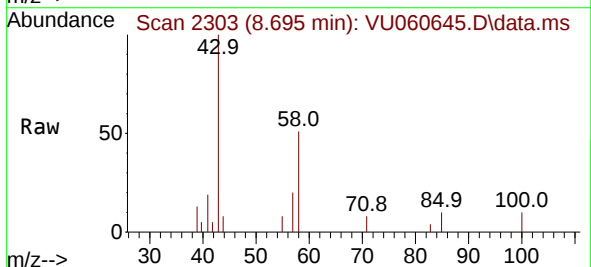
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

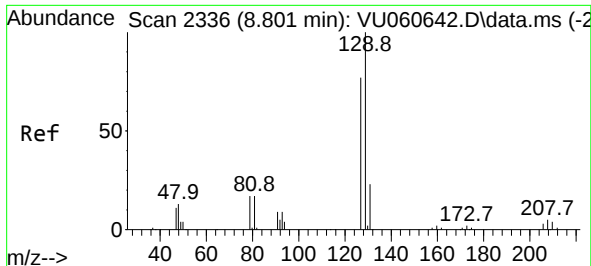
Tgt Ion: 76 Resp: 5799
Ion Ratio Lower Upper
76 100
78 34.5 26.3 39.5



#54
2-Hexanone
Concen: 1.460 ug/l m
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 43 Resp: 6860
Ion Ratio Lower Upper
43 100
58 43.9 39.5 79.5
57 15.7 0.5 40.5





#55

Dibromochloromethane

Concen: 0.380 ug/l

RT: 8.804 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

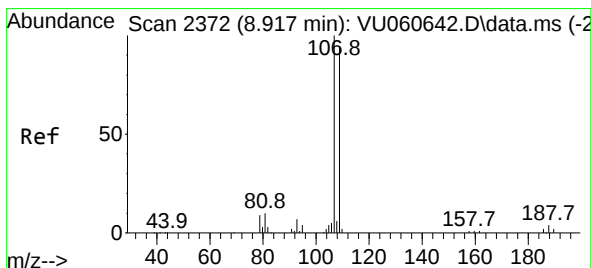
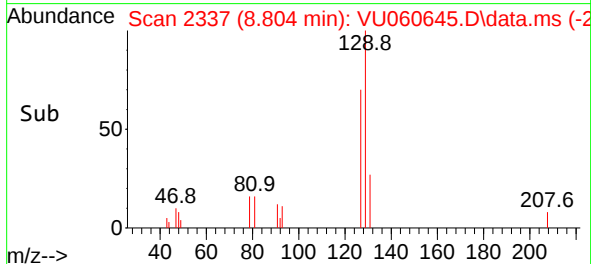
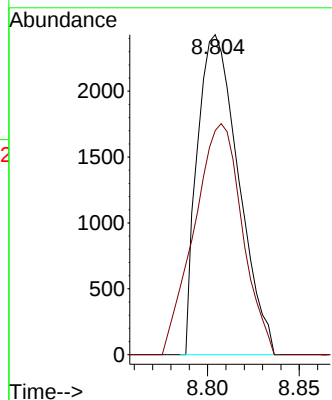
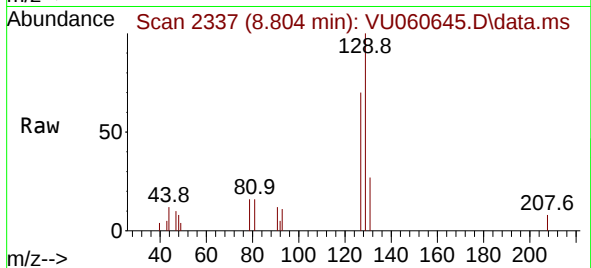
VSTDICC0.5

Tgt Ion:129 Resp: 3788

Ion Ratio Lower Upper

129 100

127 84.3 60.6 91.0



#56

1,2-Dibromoethane

Concen: 0.384 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.006 min

Lab File: VU060645.D

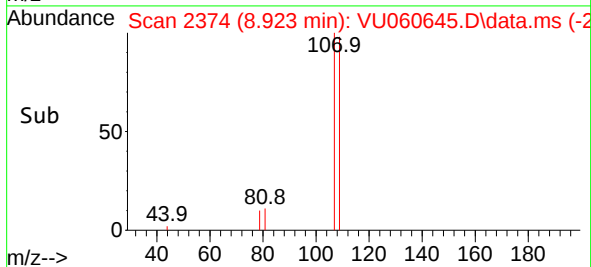
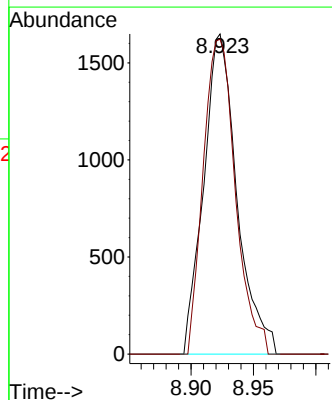
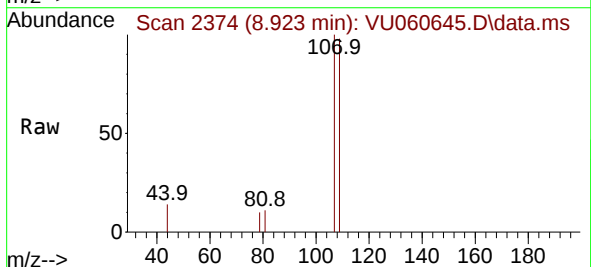
Acq: 06 Sep 2024 16:45

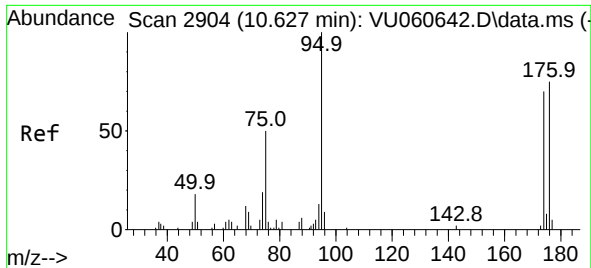
Tgt Ion:107 Resp: 3065

Ion Ratio Lower Upper

107 100

109 94.9 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.875 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

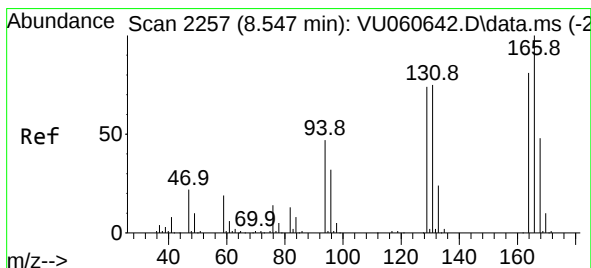
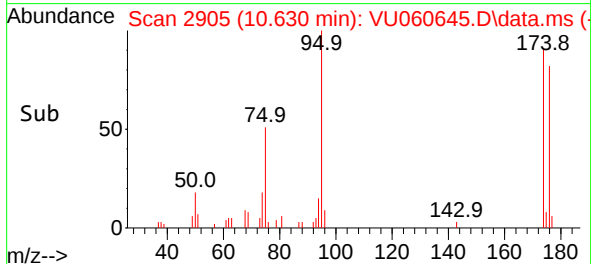
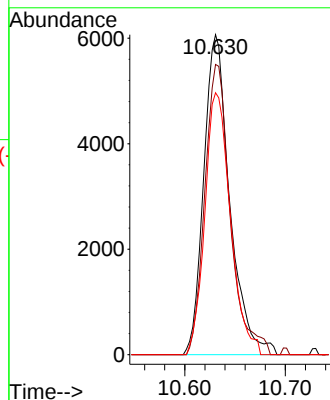
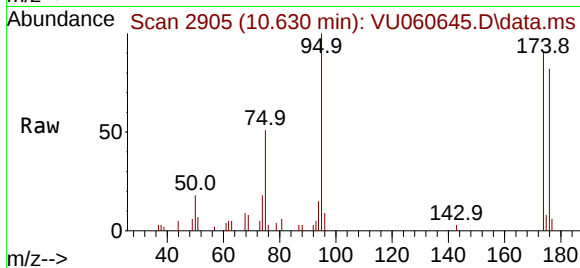
Tgt Ion: 95 Resp: 10897

Ion Ratio Lower Upper

95 100

174 88.8 63.2 94.8

176 80.7 62.8 94.2



#58

Tetrachloroethene

Concen: 0.512 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Tgt Ion: 164 Resp: 5181

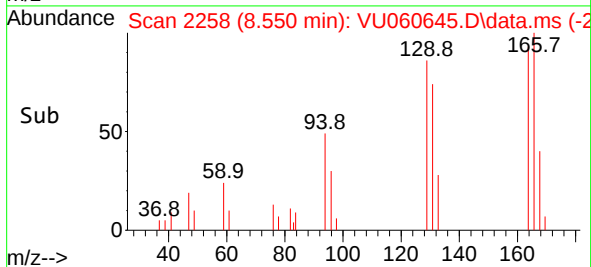
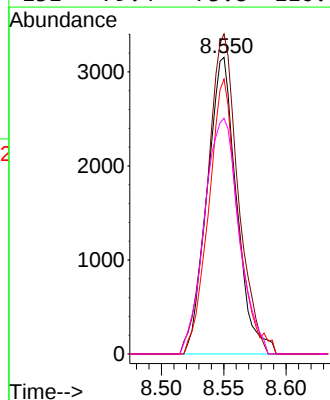
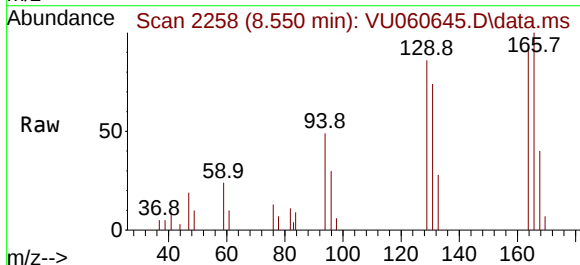
Ion Ratio Lower Upper

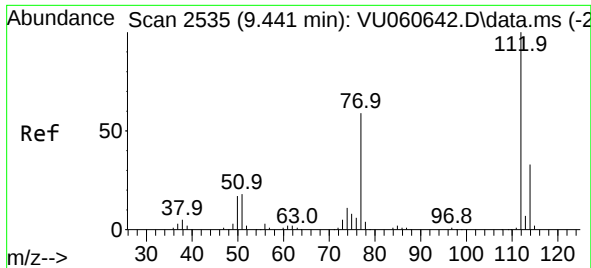
164 100

166 107.9 98.5 147.7

129 92.6 73.0 109.6

131 79.4 73.8 110.8

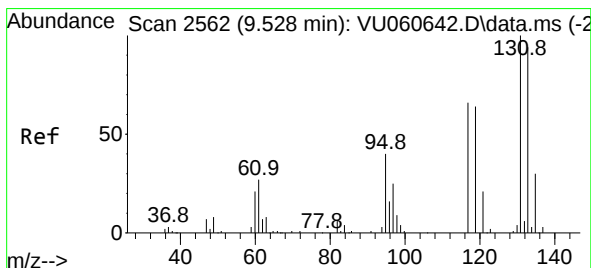
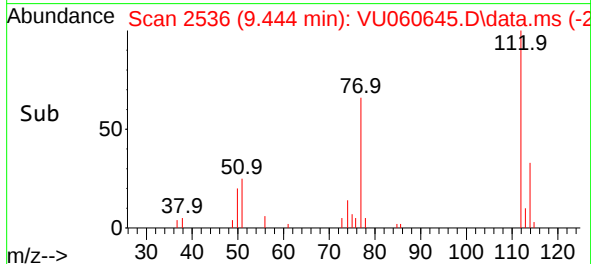
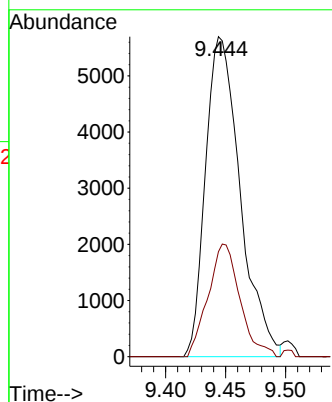
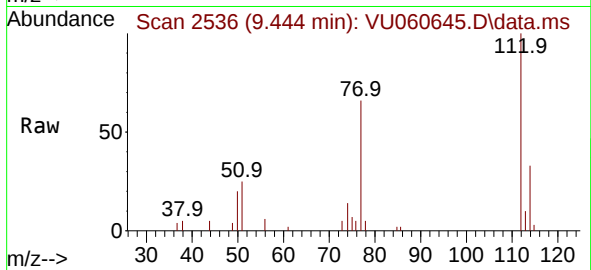




#59
Chlorobenzene
Concen: 0.422 ug/l
RT: 9.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

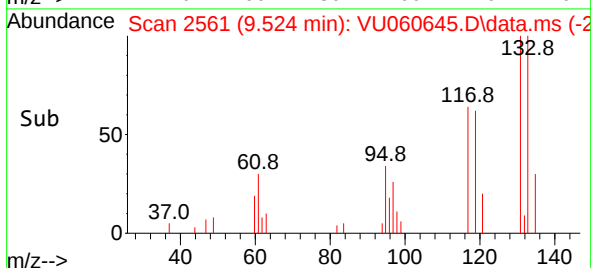
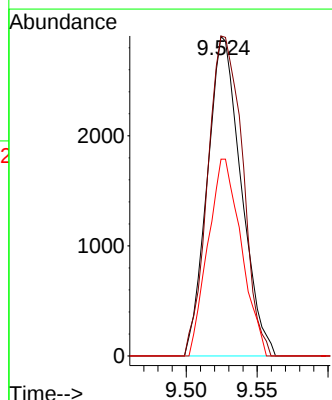
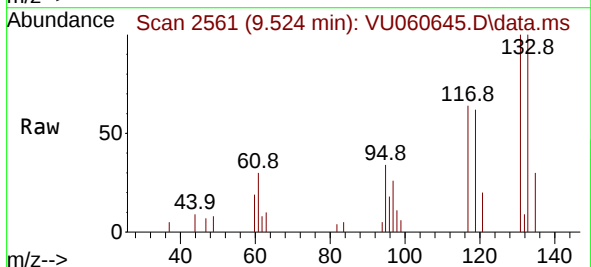
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

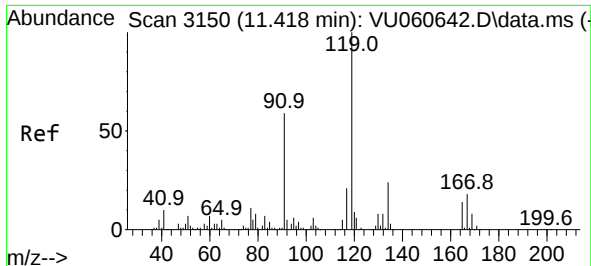
Tgt Ion:112 Resp: 11452
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#60
1,1,1,2-Tetrachloroethane
Concen: 0.452 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:131 Resp: 4811
Ion Ratio Lower Upper
131 100
133 103.2 76.7 115.1
119 60.7 52.6 79.0

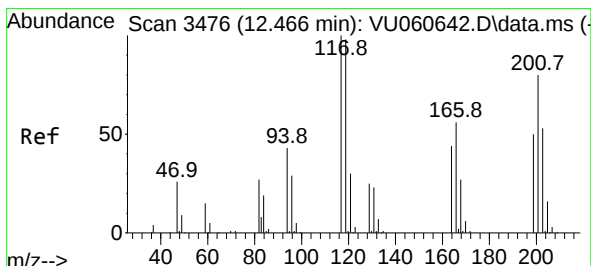
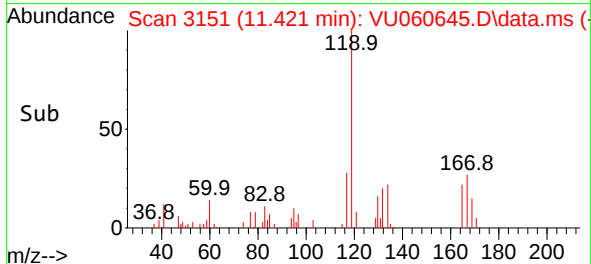
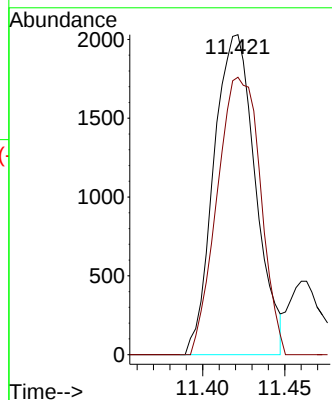
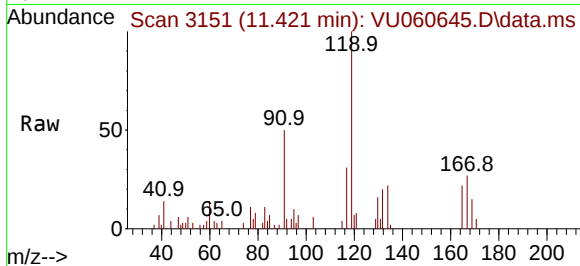




#61
 Pentachloroethane
 Concen: 0.401 ug/l
 RT: 11.421 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

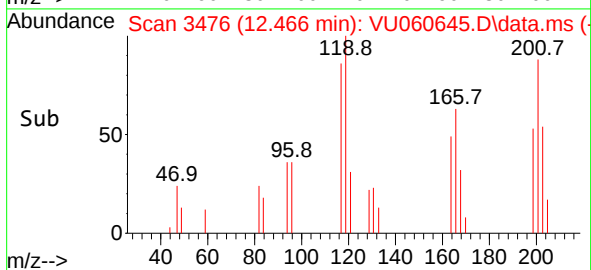
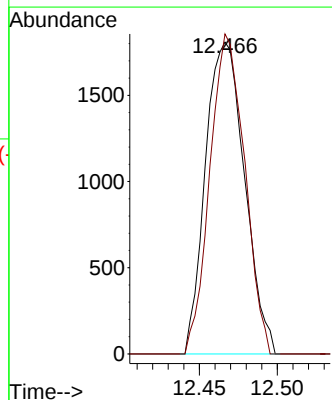
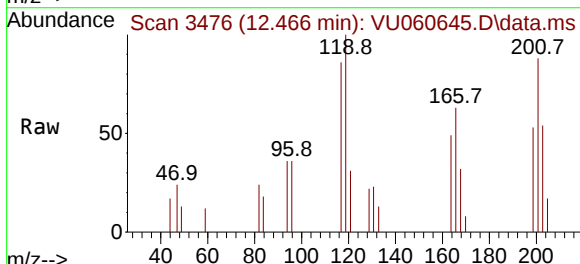
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

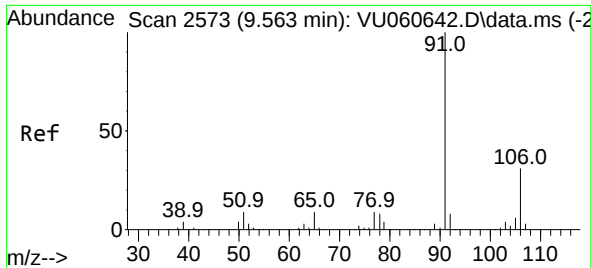
Tgt Ion:117 Resp: 3579
 Ion Ratio Lower Upper
 117 100
 167 90.1 65.3 97.9



#62
 Hexachloroethane
 Concen: 0.363 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

Tgt Ion:117 Resp: 3156
 Ion Ratio Lower Upper
 117 100
 201 91.1 65.0 97.6

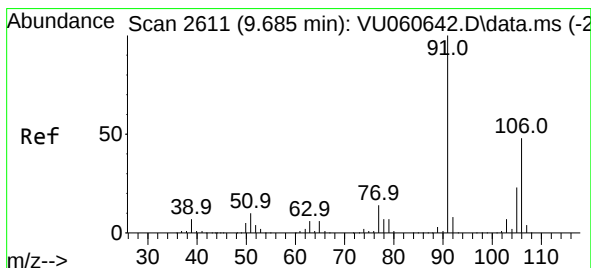
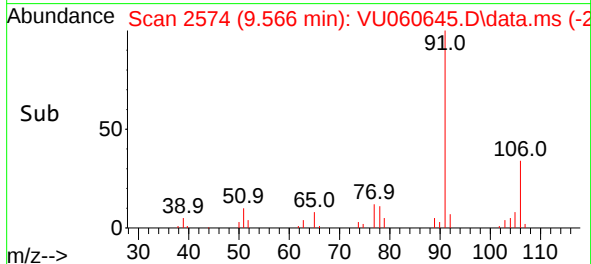
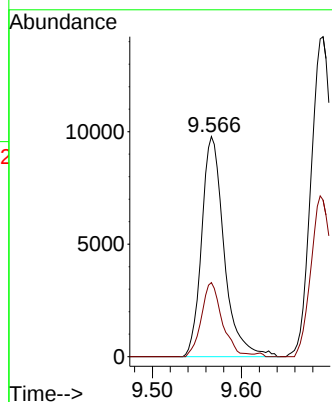
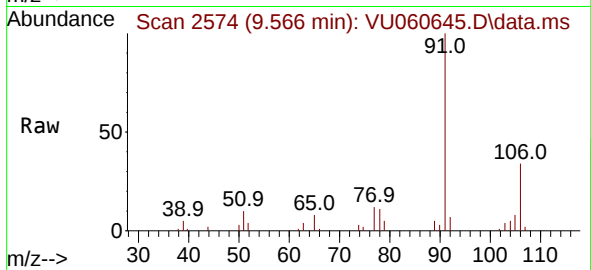




#63
Ethyl Benzene
Concen: 0.403 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

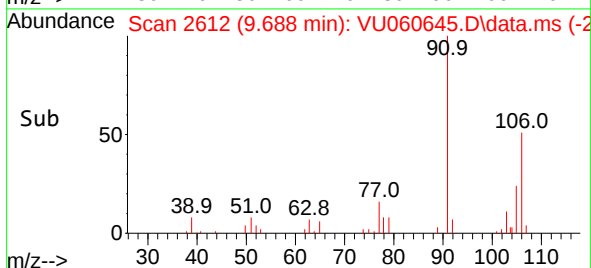
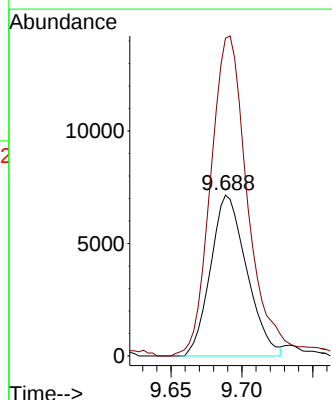
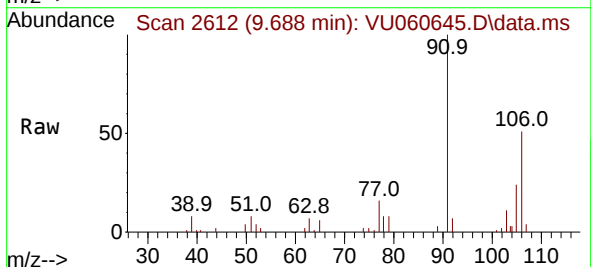
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

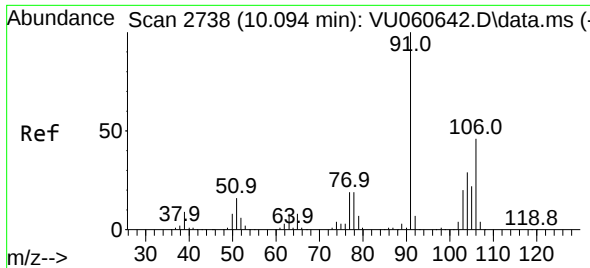
Tgt Ion: 91 Resp: 17126
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3



#64
m/p-Xylenes
Concen: 0.752 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 106 Resp: 12667
Ion Ratio Lower Upper
106 100
91 207.9 165.2 247.8

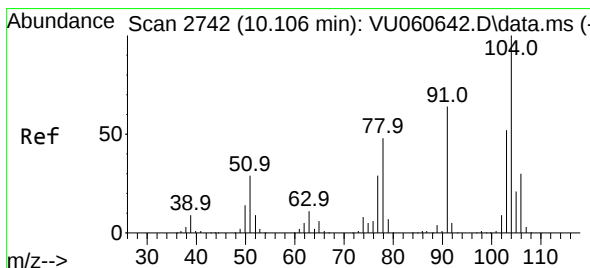
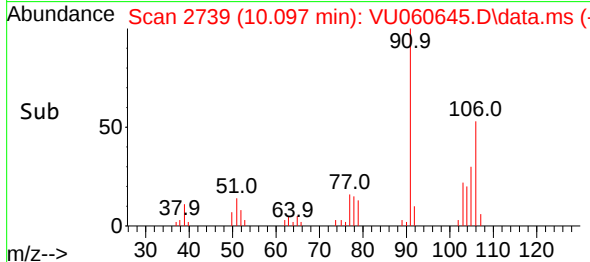
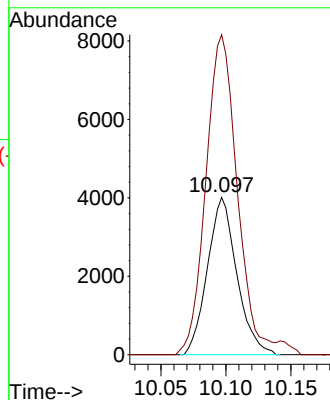
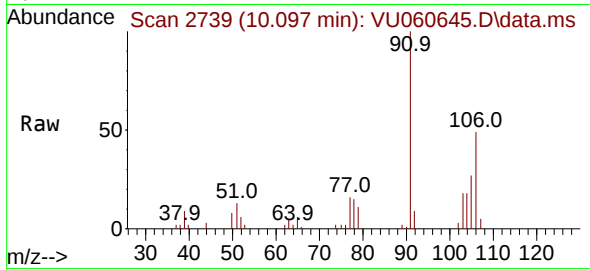




#65
o-Xylene
Concen: 0.389 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

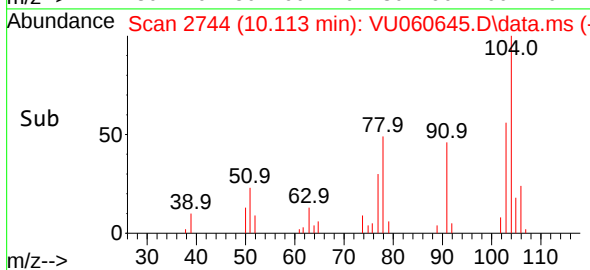
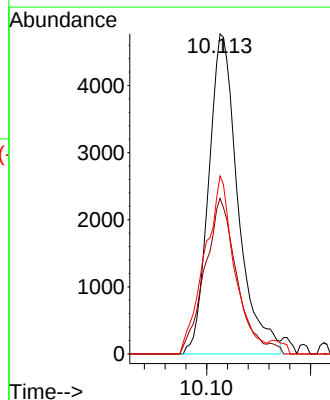
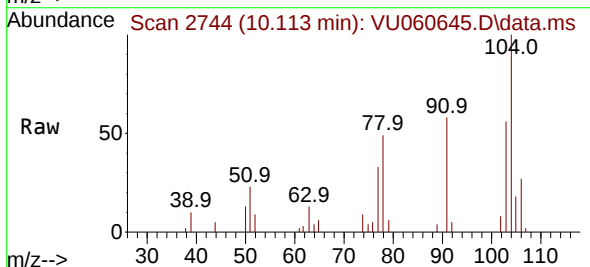
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

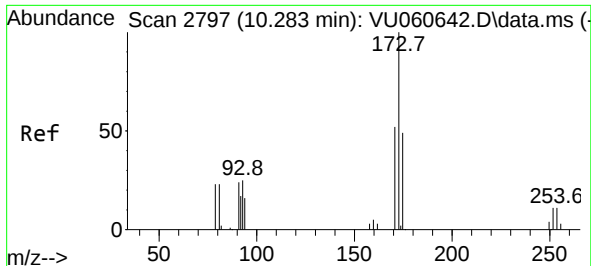
Tgt Ion:106 Resp: 6306
Ion Ratio Lower Upper
106 100
91 216.4 107.9 323.8



#66
Styrene
Concen: 0.350 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:104 Resp: 9363
Ion Ratio Lower Upper
104 100
78 53.2 41.5 62.3
103 57.1 45.3 67.9

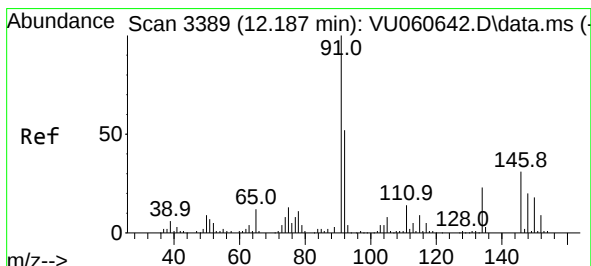
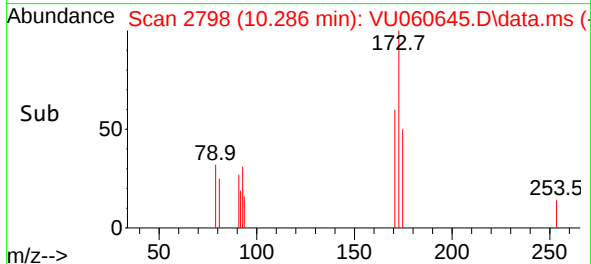
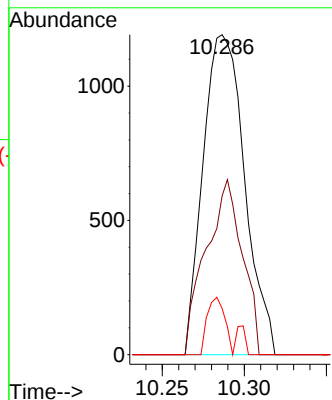
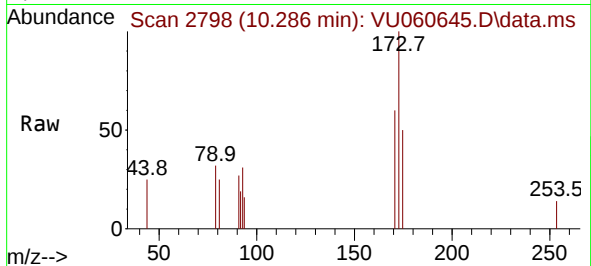




#67
Bromoform
Concen: 0.360 ug/l
RT: 10.286 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

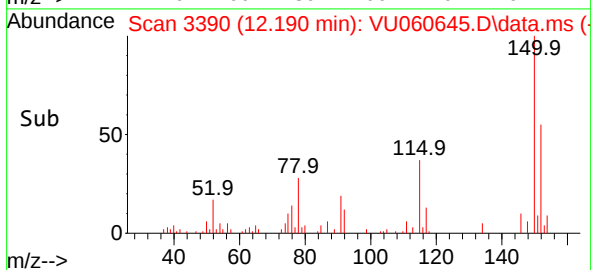
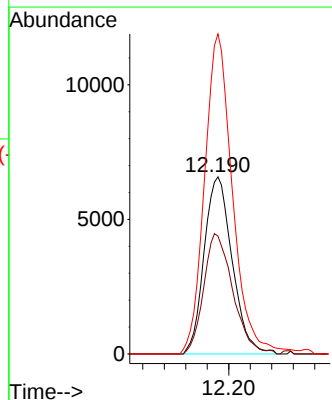
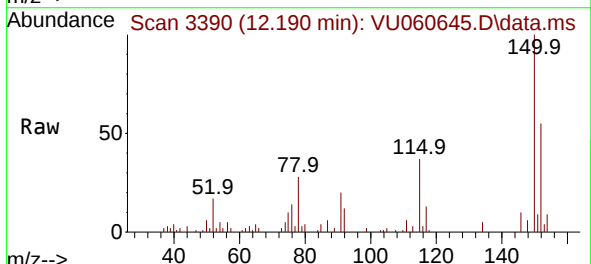
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

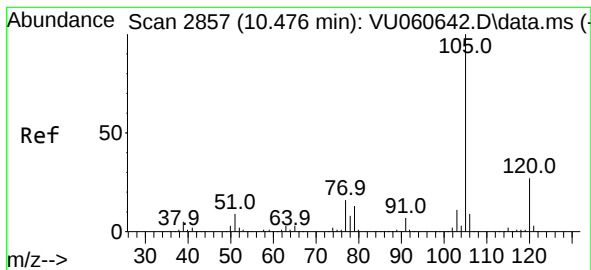
Tgt Ion:173 Resp: 2097
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 7.6 8.6 12.8#



#68
1,2-Dichlorobenzene-d4
Concen: 0.888 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:152 Resp: 11927
Ion Ratio Lower Upper
152 100
115 70.4 0.0 300.4
150 180.3 0.0 669.4





#69

Isopropylbenzene

Concen: 0.397 ug/l

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

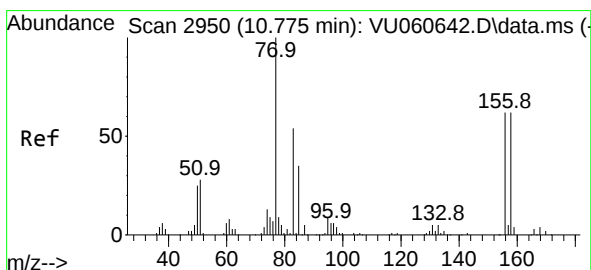
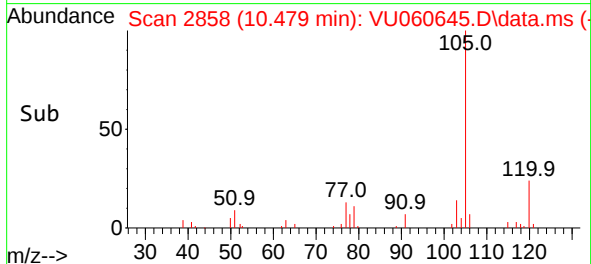
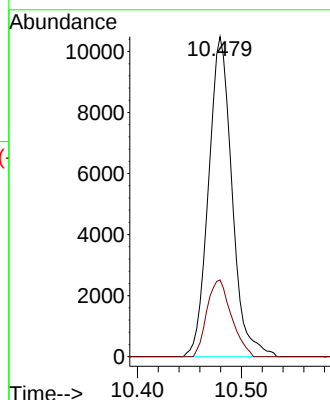
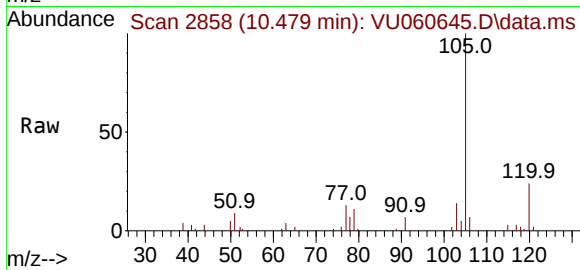
VSTDIC0.5

Tgt Ion:105 Resp: 16471

Ion Ratio Lower Upper

105 100

120 24.9 13.3 39.8



#70

1,1,2,2-Tetrachloroethane

Concen: 0.361 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

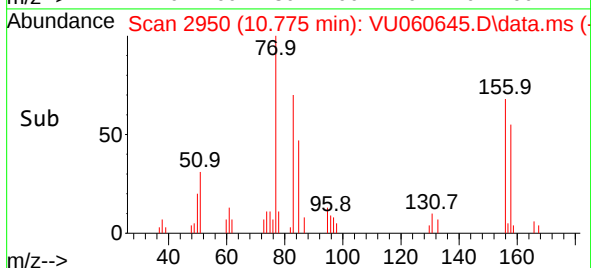
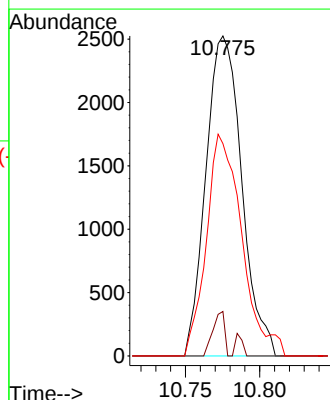
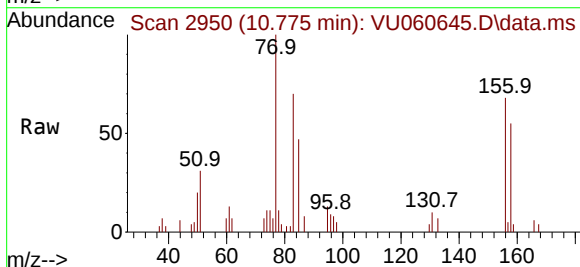
Tgt Ion: 83 Resp: 4240

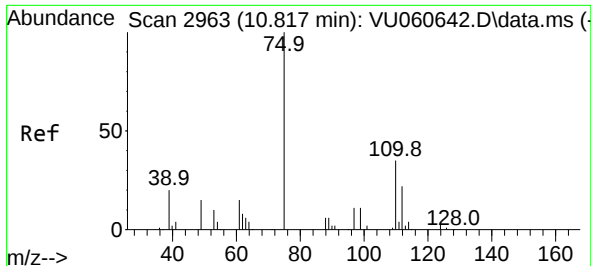
Ion Ratio Lower Upper

83 100

131 4.5 8.2 12.2#

85 68.5 52.1 78.1

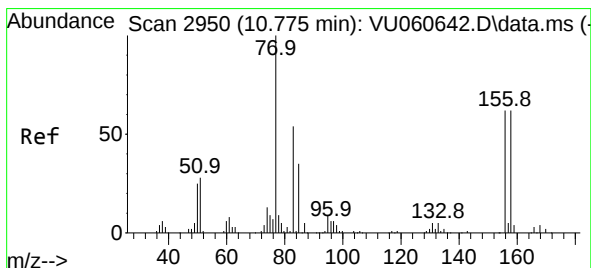
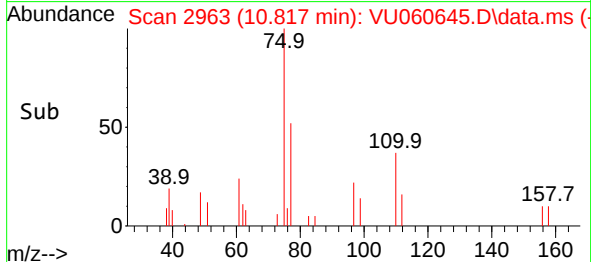
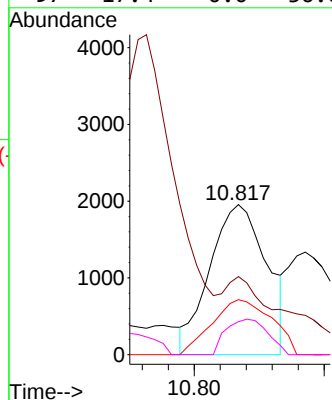
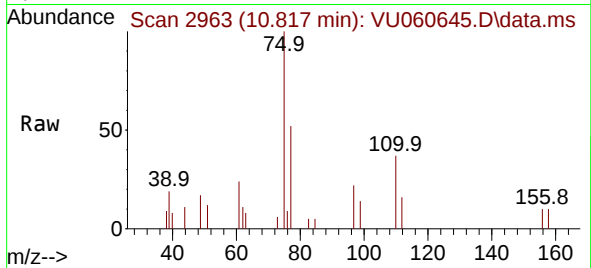




#71
1,2,3-Trichloropropane
Concen: 0.345 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

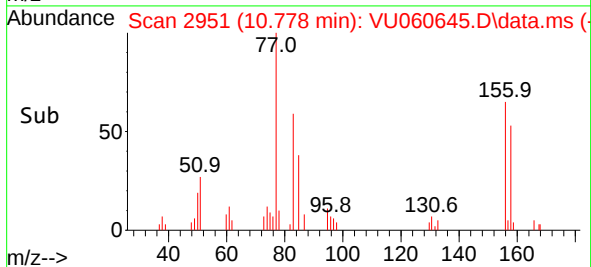
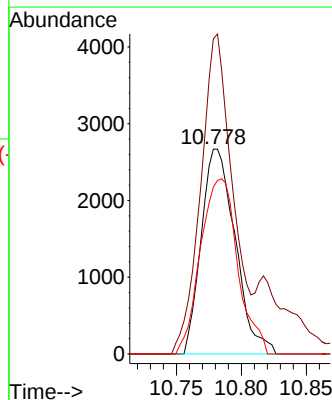
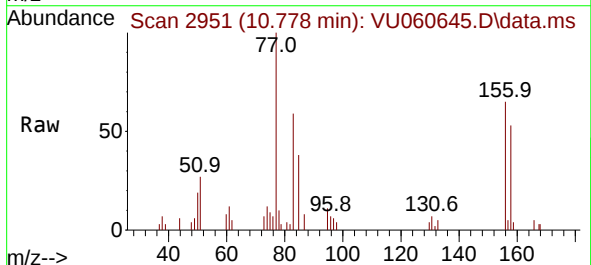
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

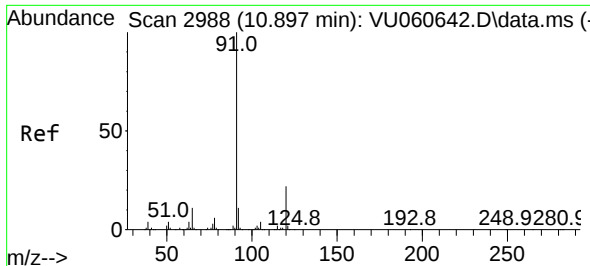
Tgt Ion:	75	Resp:	2971
Ion	Ratio	Lower	Upper
75	100		
77	60.4	0.0	0.0#
110	38.6	0.0	68.8
97	17.4	0.0	36.0



#72
Bromobenzene
Concen: 0.439 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:	156	Resp:	4857
Ion	Ratio	Lower	Upper
156	100		
77	145.9	0.0	320.2
158	93.5	0.0	196.0

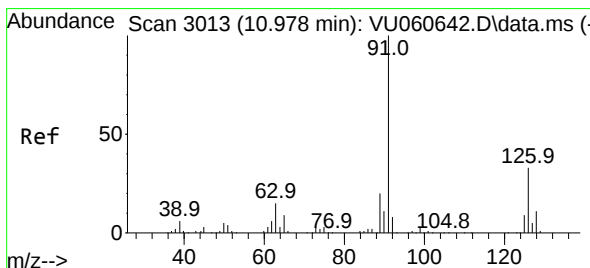
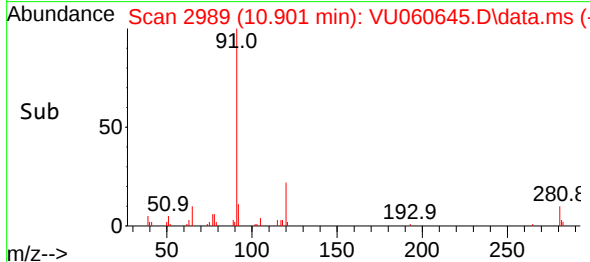
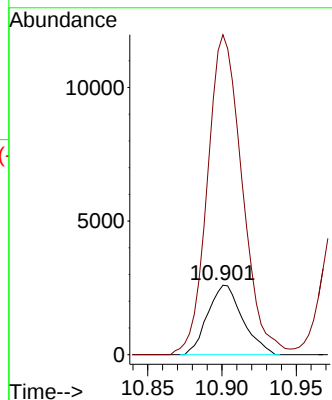
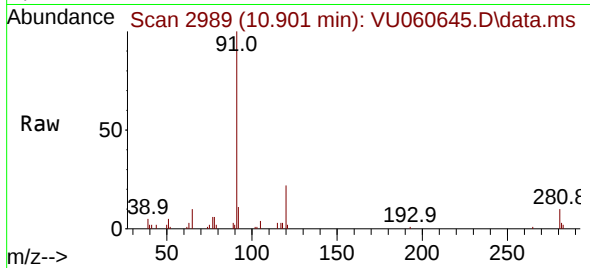




#73
n-propylbenzene
Concen: 0.370 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

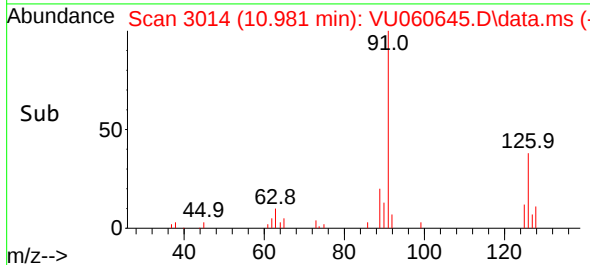
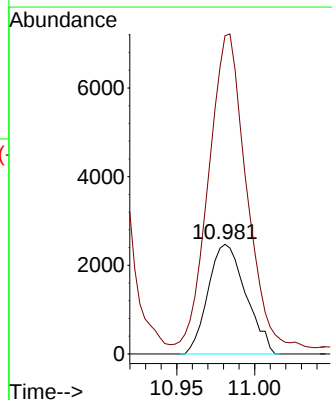
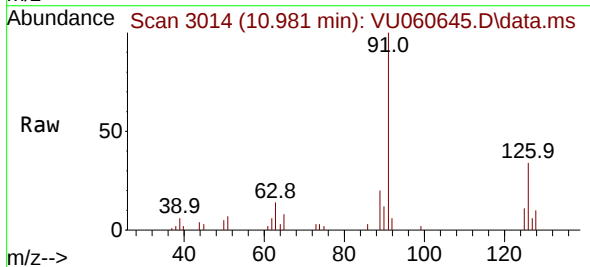
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

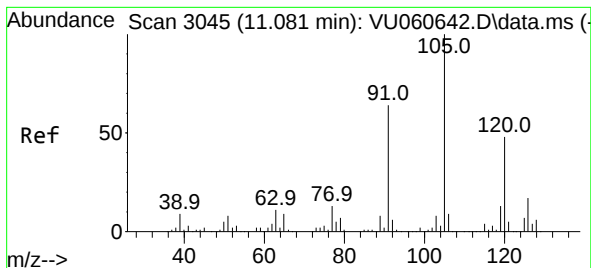
Tgt Ion:120 Resp: 4264
Ion Ratio Lower Upper
120 100
91 457.9 358.4 537.6



#74
2-Chlorotoluene
Concen: 0.387 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:126 Resp: 4166
Ion Ratio Lower Upper
126 100
91 289.0 0.0 599.6





#75

1,3,5-Trimethylbenzene

Concen: 0.364 ug/l

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

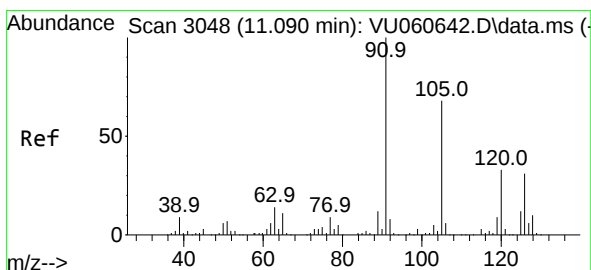
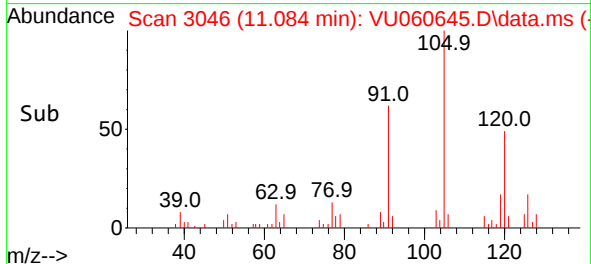
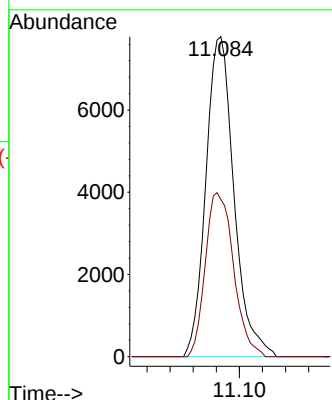
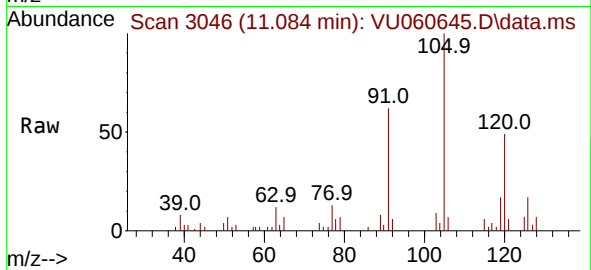
VSTDIC0.5

Tgt Ion:105 Resp: 13158

Ion Ratio Lower Upper

105 100

120 51.5 38.3 57.5



#76

4-Chlorotoluene

Concen: 0.394 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU060645.D

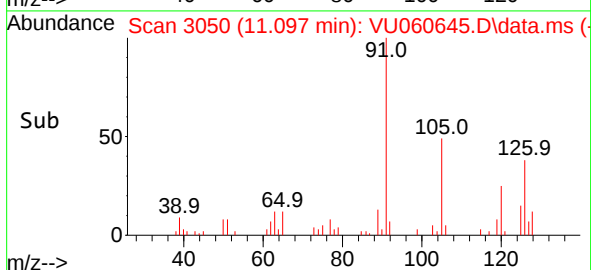
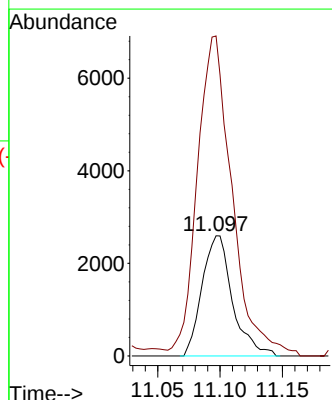
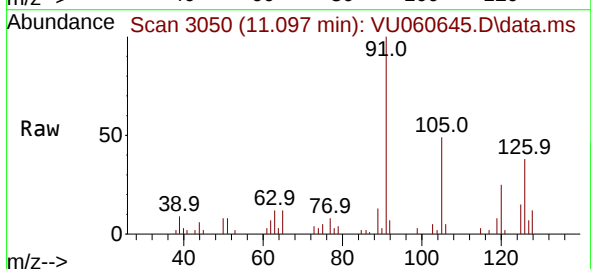
Acq: 06 Sep 2024 16:45

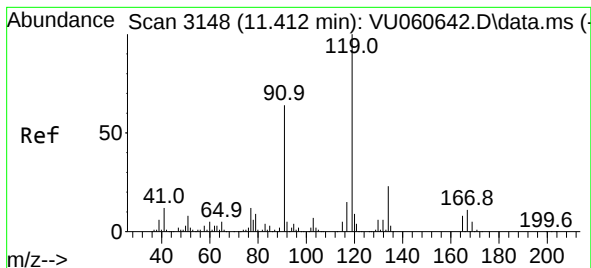
Tgt Ion:126 Resp: 4404

Ion Ratio Lower Upper

126 100

91 304.5 0.0 676.6





#77

tert-Butylbenzene

Concen: 0.410 ug/l

RT: 11.415 min Scan# 3148

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

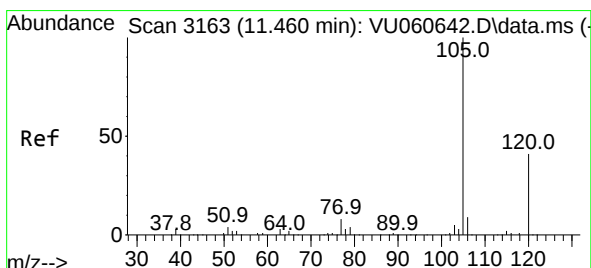
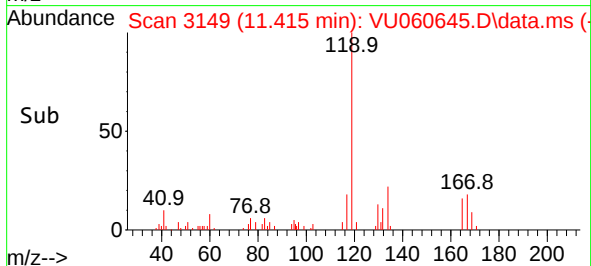
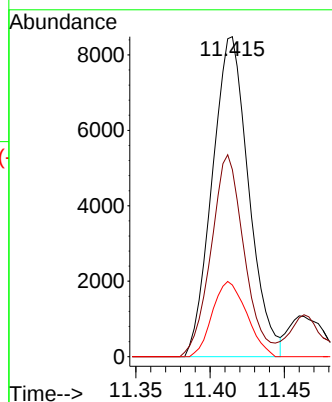
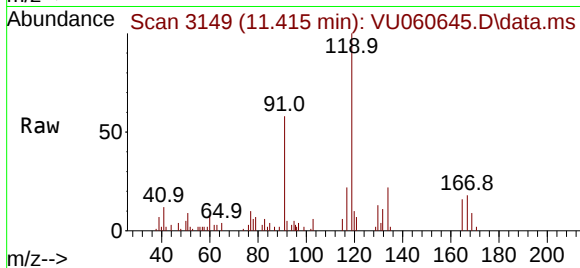
Tgt Ion:119 Resp: 14491

Ion Ratio Lower Upper

119 100

91 57.4 30.3 90.8

134 22.1 18.3 27.5



#78

1,2,4-Trimethylbenzene

Concen: 0.356 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060645.D

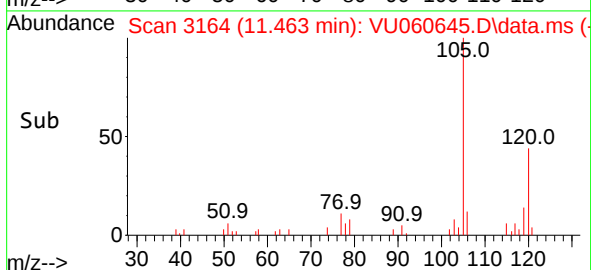
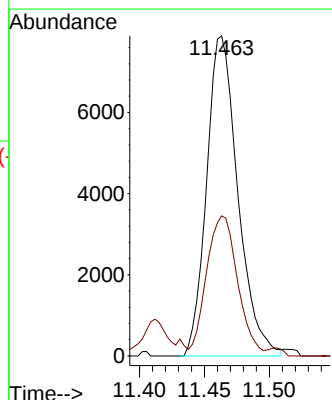
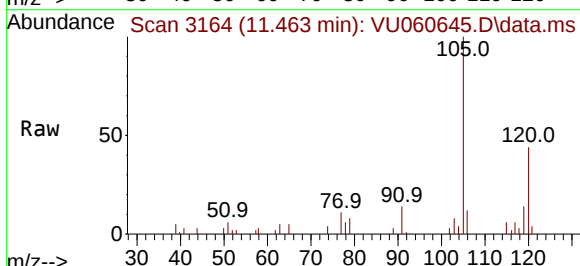
Acq: 06 Sep 2024 16:45

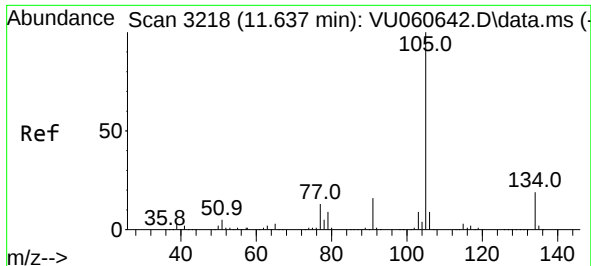
Tgt Ion:105 Resp: 13176

Ion Ratio Lower Upper

105 100

120 43.6 22.6 67.7

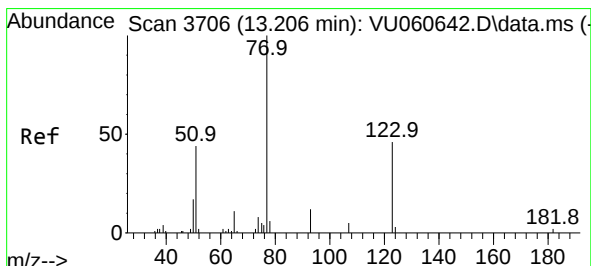
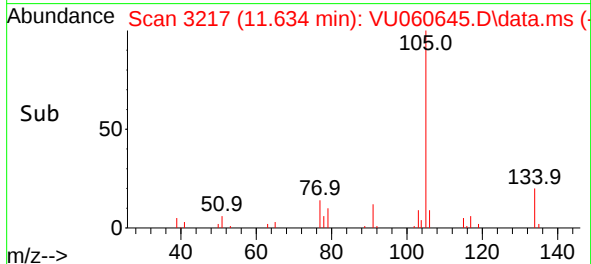
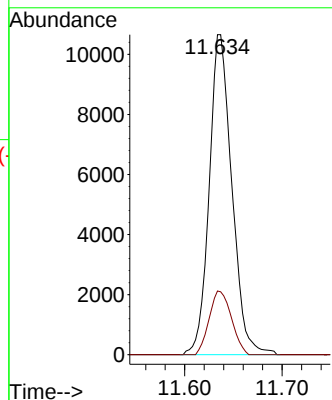
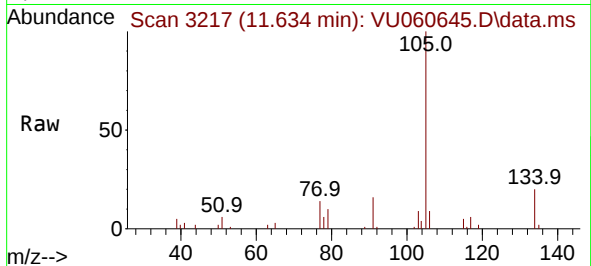




#79
 sec-Butylbenzene
 Concen: 0.368 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

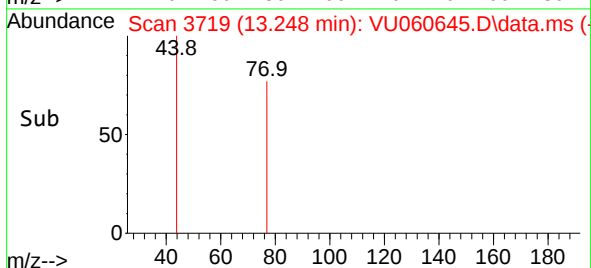
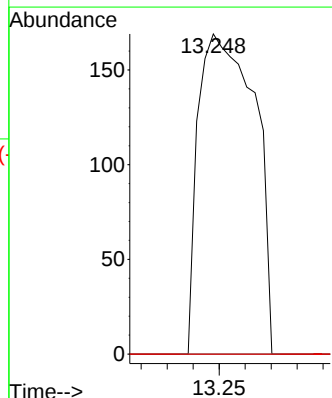
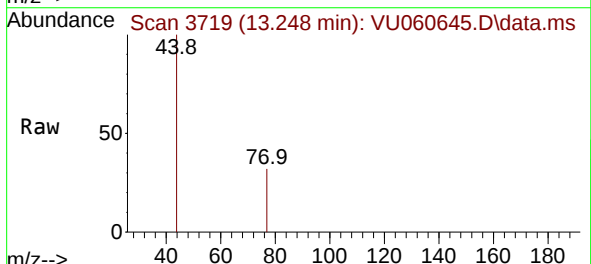
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

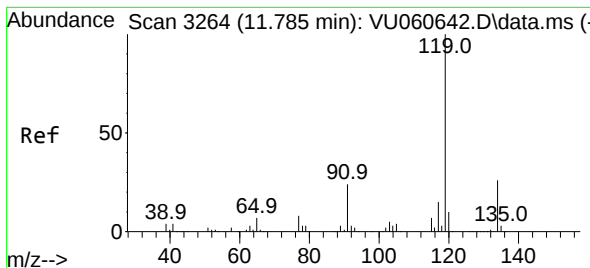
Tgt Ion:105 Resp: 17204
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.8 23.6



#80
 Nitrobenzene
 Concen: 0.510 ug/l
 RT: 13.248 min Scan# 3719
 Delta R.T. 0.042 min
 Lab File: VU060645.D
 Acq: 06 Sep 2024 16:45

Tgt Ion: 77 Resp: 254
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.9 70.5#
 65 0.0 9.9 12.5#





#81

p-Isopropyltoluene

Concen: 0.340 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

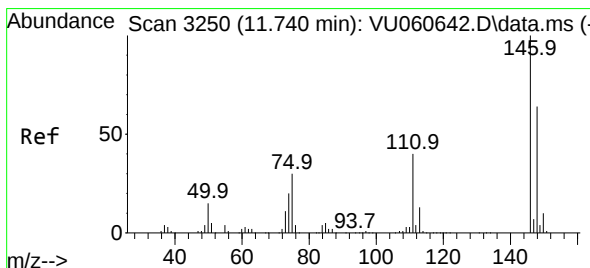
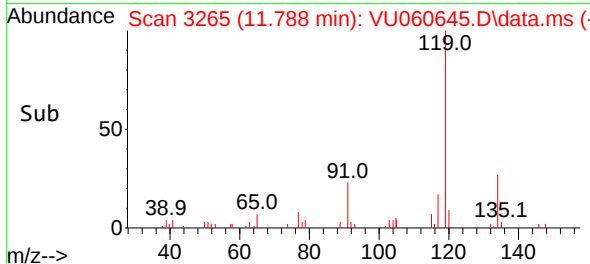
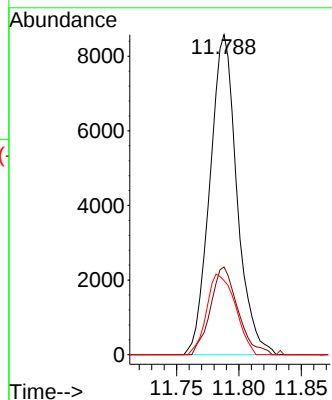
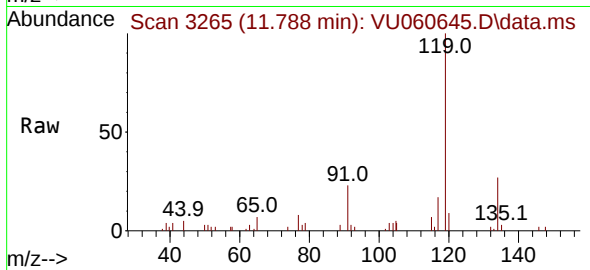
Tgt Ion:119 Resp: 12951

Ion Ratio Lower Upper

119 100

134 27.7 20.9 31.3

91 26.7 19.5 29.3



#82

1,3-Dichlorobenzene

Concen: 0.400 ug/l

RT: 11.746 min Scan# 3252

Delta R.T. 0.006 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

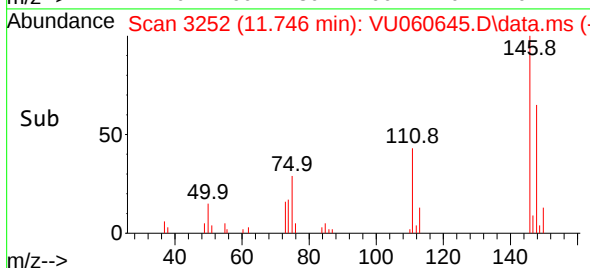
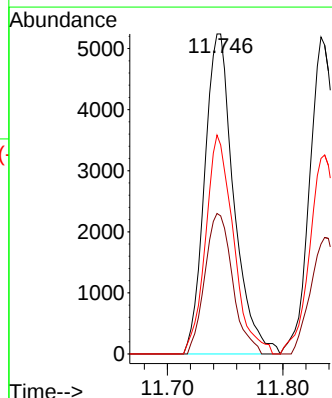
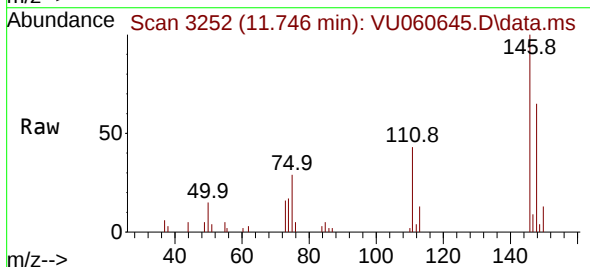
Tgt Ion:146 Resp: 9191

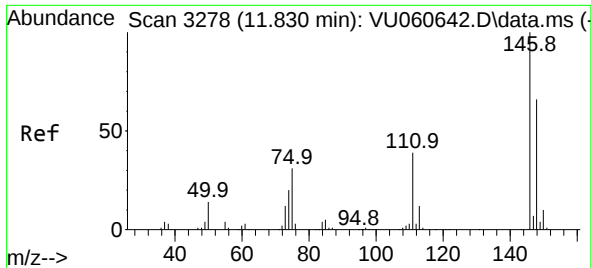
Ion Ratio Lower Upper

146 100

111 41.7 33.0 49.4

148 65.3 51.8 77.6

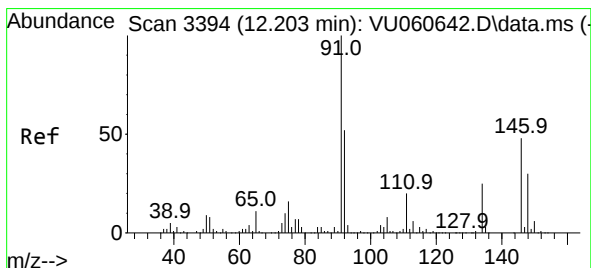
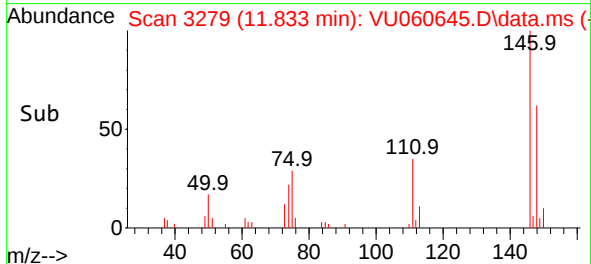
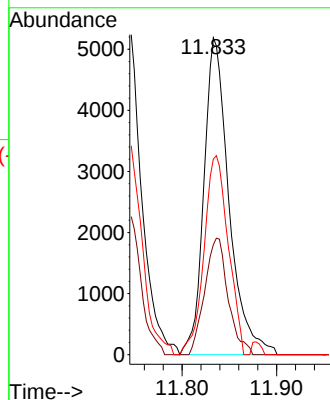
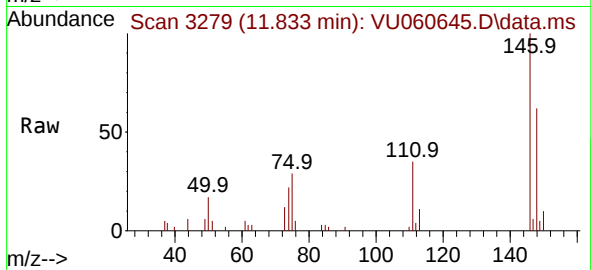




#83
1,4-Dichlorobenzene
Concen: 0.420 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

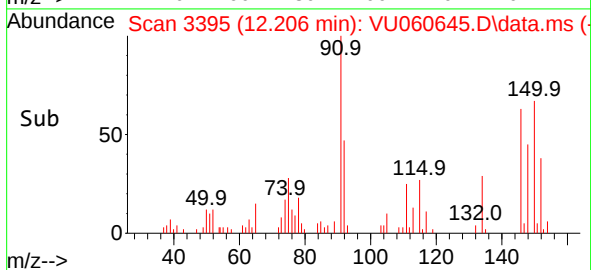
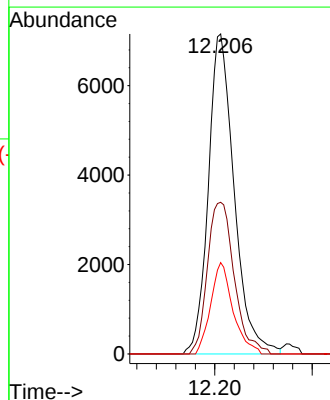
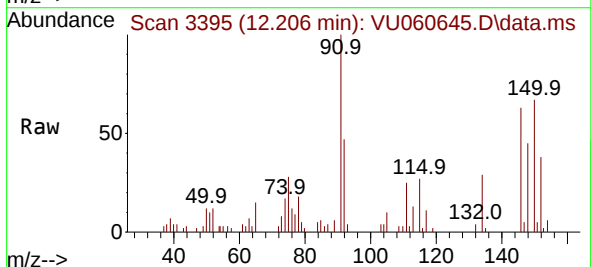
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

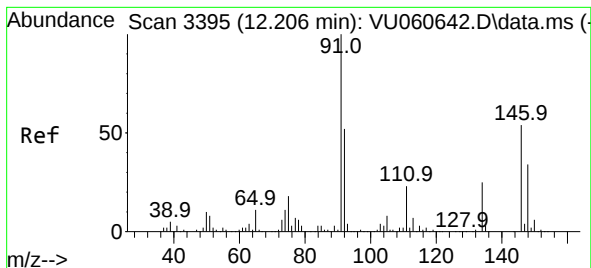
Tgt Ion:146 Resp: 9569
Ion Ratio Lower Upper
146 100
111 34.3 31.8 47.6
148 60.6 52.1 78.1



#84
n-Butylbenzene
Concen: 0.359 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion: 91 Resp: 13190
Ion Ratio Lower Upper
91 100
92 49.1 41.3 61.9
134 24.6 19.8 29.8





#85

1,2-Dichlorobenzene

Concen: 0.392 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

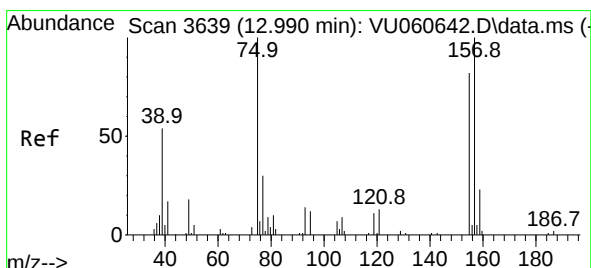
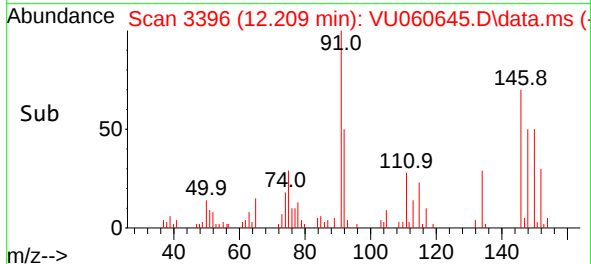
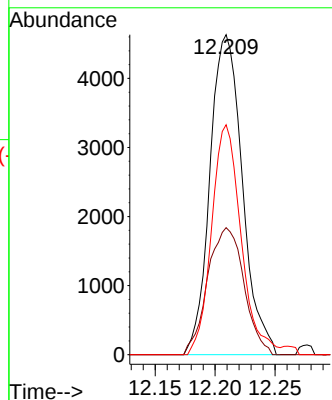
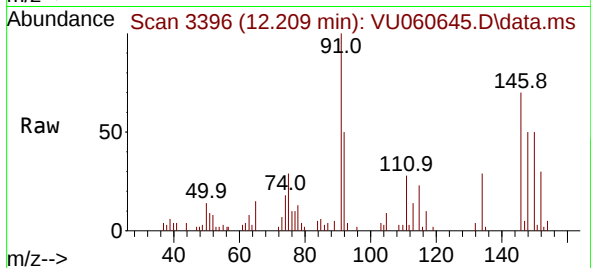
Tgt Ion:146 Resp: 8707

Ion Ratio Lower Upper

146 100

111 44.4 21.1 63.1

148 65.5 31.6 94.8



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.347 ug/l

RT: 13.000 min Scan# 3642

Delta R.T. 0.010 min

Lab File: VU060645.D

Acq: 06 Sep 2024 16:45

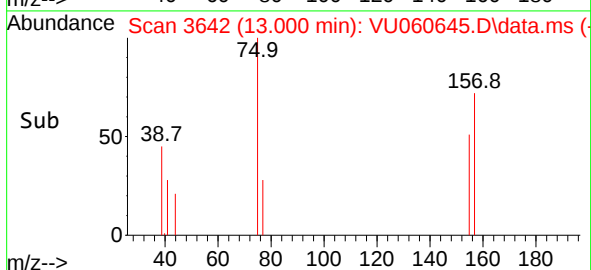
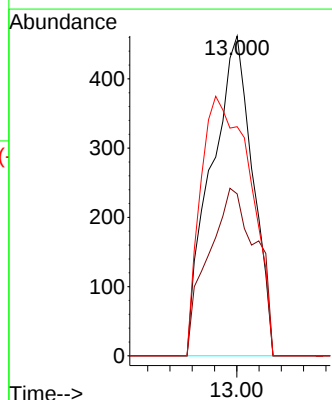
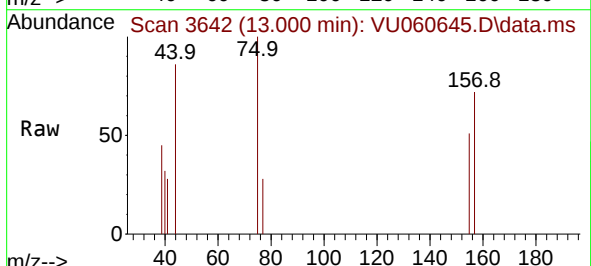
Tgt Ion: 75 Resp: 597

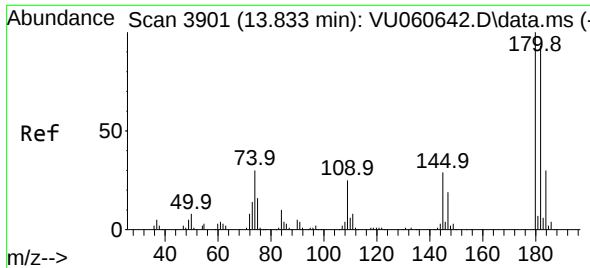
Ion Ratio Lower Upper

75 100

155 60.6 67.6 101.4#

157 97.5 81.0 121.6

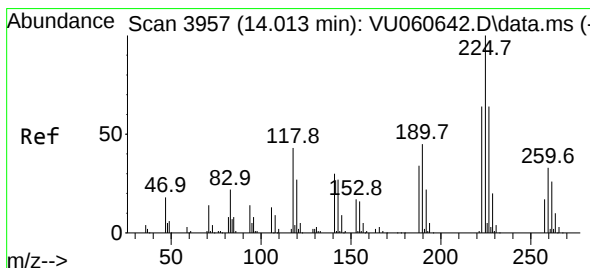
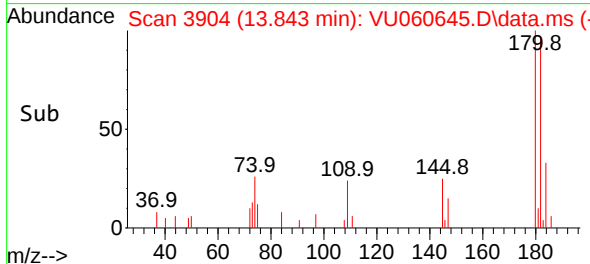
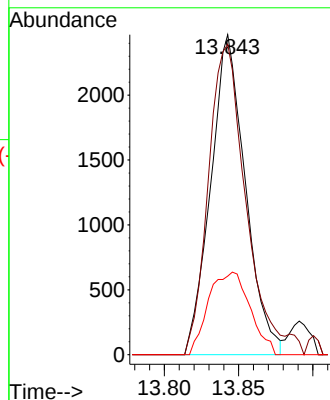
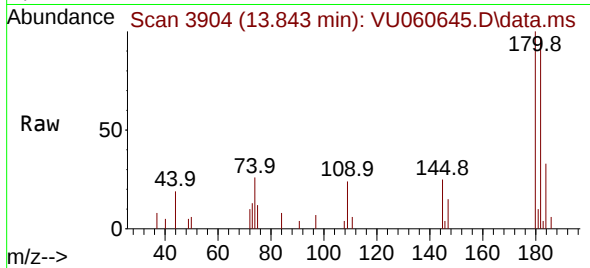




#87
1,2,4-Trichlorobenzene
Concen: 0.314 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

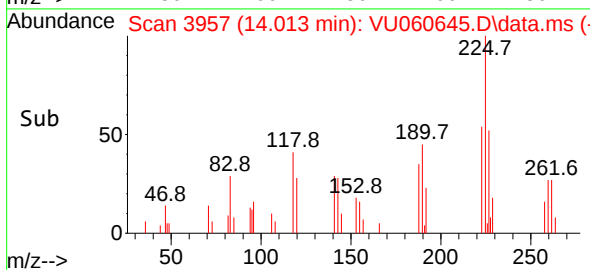
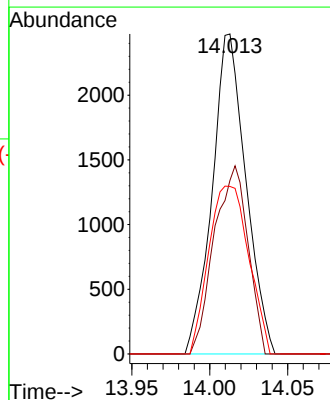
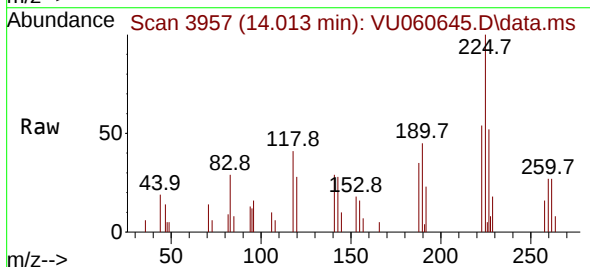
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

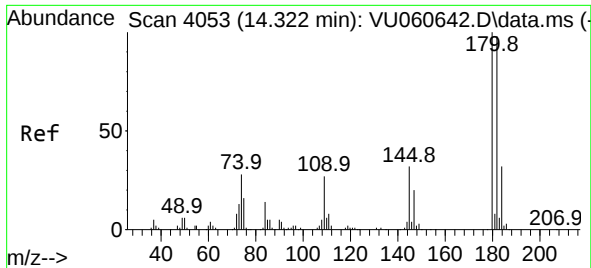
Tgt Ion:180 Resp: 3999
Ion Ratio Lower Upper
180 100
182 105.4 75.0 112.4
145 30.9 23.8 35.6



#88
Hexachlorobutadiene
Concen: 0.448 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU060645.D
Acq: 06 Sep 2024 16:45

Tgt Ion:225 Resp: 3718
Ion Ratio Lower Upper
225 100
223 58.8 50.3 75.5
227 62.4 50.6 76.0





#90

1,2,3-Trichlorobenzene

Concen: 0.277 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU060645.D

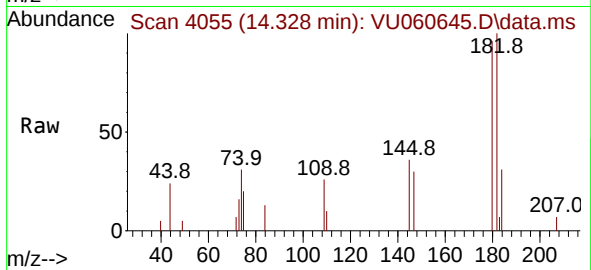
Acq: 06 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 3379

Ion Ratio Lower Upper

180 100

182 103.0 77.1 115.7

145 28.5 25.4 38.0

