

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045383.D
 Acq On : 25 Oct 2021 14:39
 Operator : SY/MD
 Sample : M4290-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 04:42:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

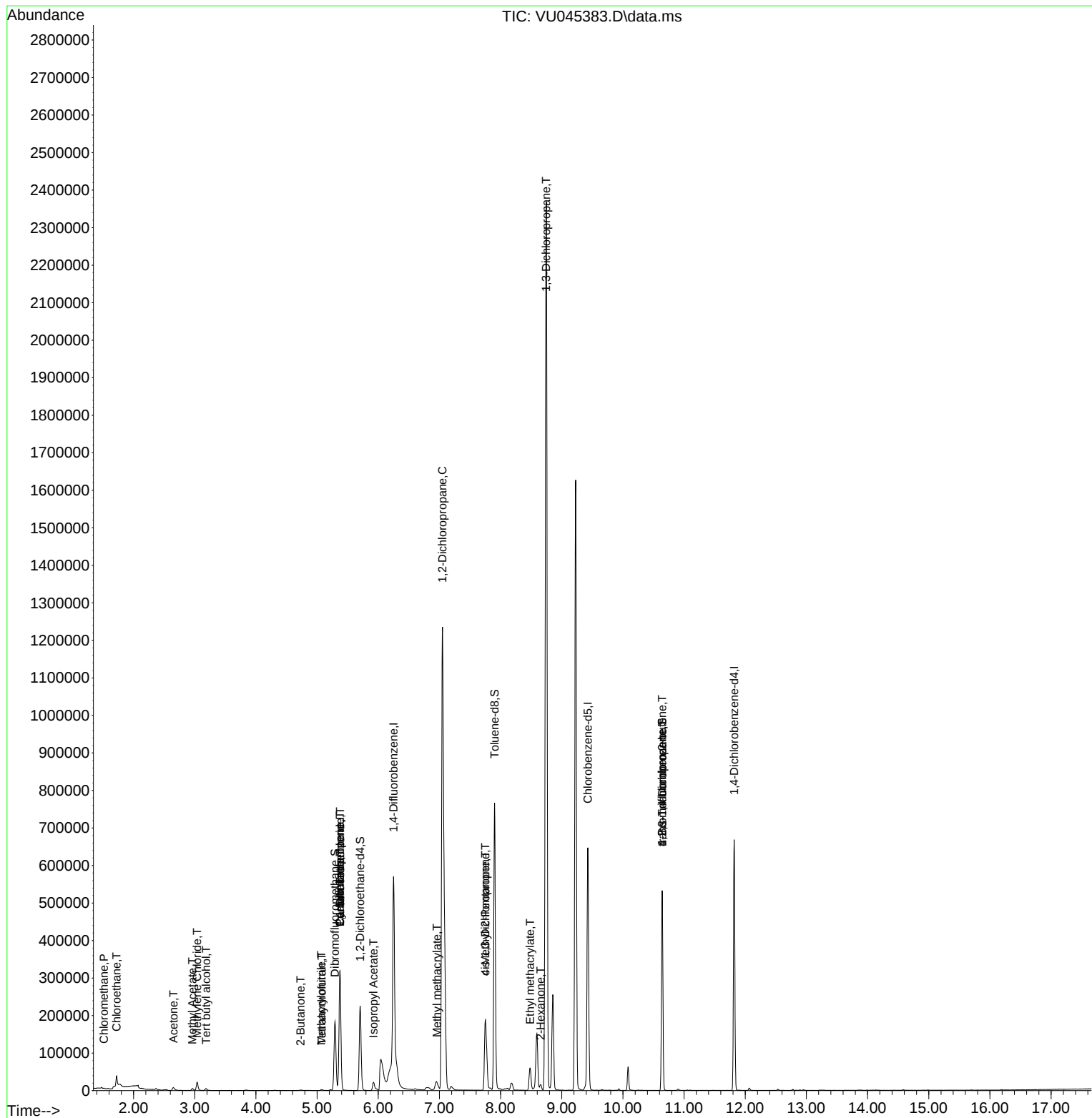
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.375	168	218213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	417181	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	385884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	163332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	177615	48.897	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.800%
35) Dibromofluoromethane	5.292	113	128063	48.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.320%
50) Toluene-d8	7.902	98	520760	50.081	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.160%
62) 4-Bromofluorobenzene	10.642	95	186574	43.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	893	0.255	ug/l	97
6) Chloroethane	1.723	64	29442	10.966	ug/l #	51
11) Tert butyl alcohol	3.186	59	3489	3.347	ug/l #	72
16) Acetone	2.652	43	13197	6.121	ug/l	99
18) Methyl Acetate	2.960	43	8628	1.369	ug/l	94
20) Methylene Chloride	3.038	84	11435	3.521	ug/l	94
25) 2-Butanone	4.729	43	3145	1.027	ug/l	91
29) Tetrahydrofuran	5.076	42	1838	1.008	ug/l #	81
31) Cyclohexane	5.372	56	5444	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20576	4.716	ug/l #	50
38) Carbon Tetrachloride	5.375	117	22541	5.971	ug/l #	16
41) Methacrylonitrile	5.070	41	1141	0.384	ug/l #	40
43) Isopropyl Acetate	5.922	43	31847	3.667	ug/l	99
45) 1,2-Dichloropropane	7.050	63	2018	0.586	ug/l #	45
48) Methyl methacrylate	6.957	41	8951	2.118	ug/l #	14
49) 1,4-Dioxane	7.057	88	212	Below Cal	#	1
51) 4-Methyl-2-Pentanone	7.751	43	108054	17.091	ug/l #	46
54) cis-1,3-Dichloropropene	7.751	75	53642	9.994	ug/l #	58
56) Ethyl methacrylate	8.484	69	182	1.847	ug/l #	1
57) 1,3-Dichloropropane	8.745	76	32342	5.348	ug/l #	43
59) 2-Hexanone	8.655	43	15151	2.943	ug/l #	23
76) 1,2,3-Trichloropropane	10.642	75	96042	20.160	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.642	75	96042	55.946	ug/l #	9

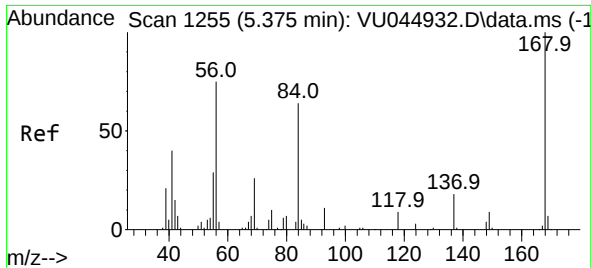
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
Data File : VU045383.D
Acq On : 25 Oct 2021 14:39
Operator : SY/MD
Sample : M4290-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 26 04:42:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

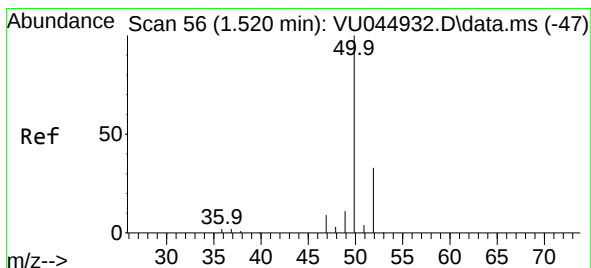
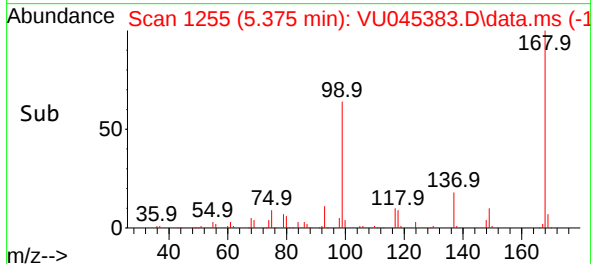
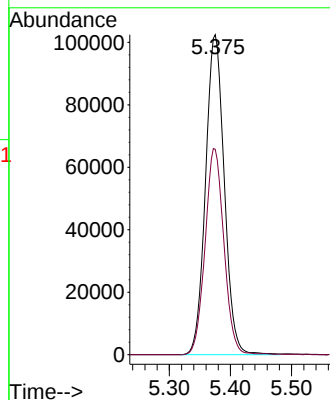
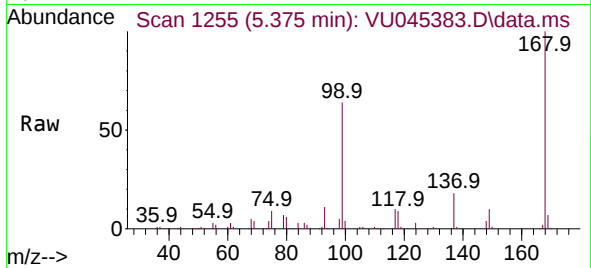




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

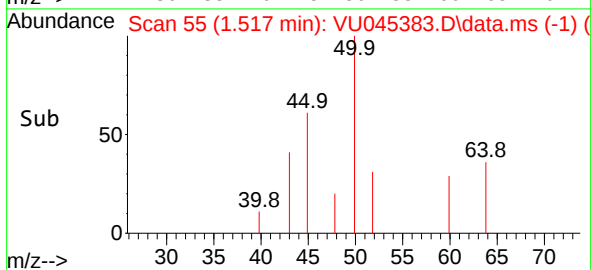
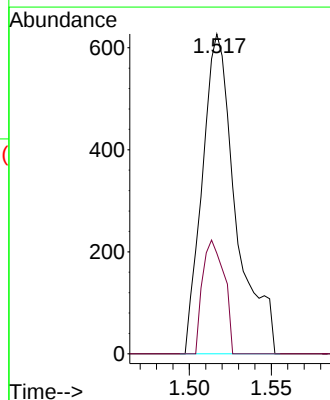
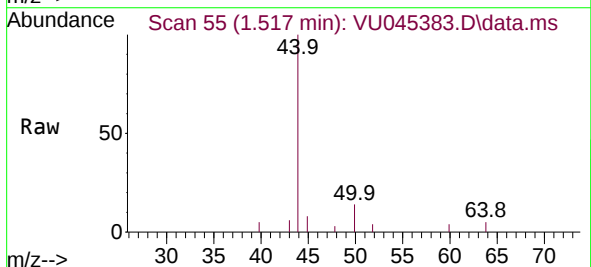
Instrument :
MSVOA_U
ClientSampled :

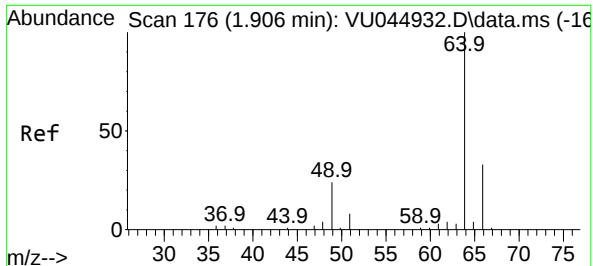
Tgt Ion:168 Resp: 218213
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 50 Resp: 893
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5

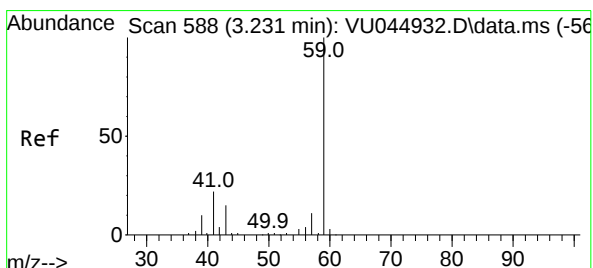
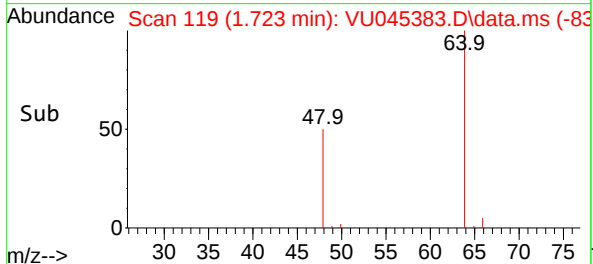
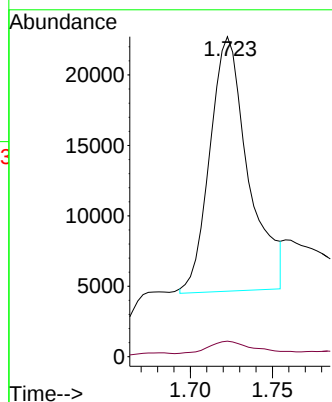
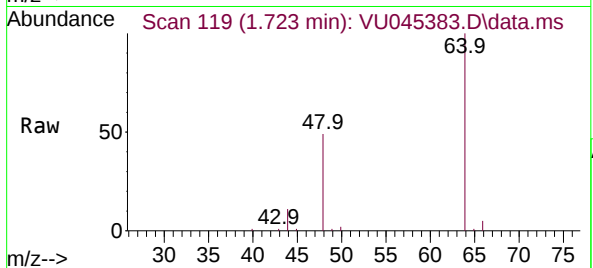




#6
Chloroethane
Concen: 10.966 ug/l
RT: 1.723 min Scan# 119
Delta R.T. -0.183 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

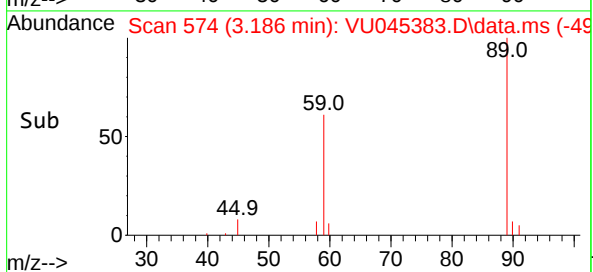
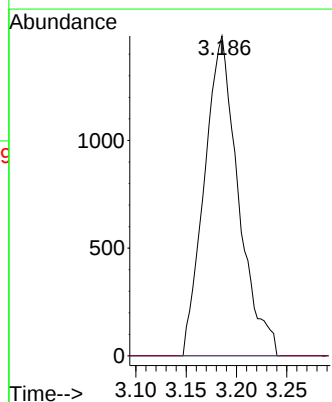
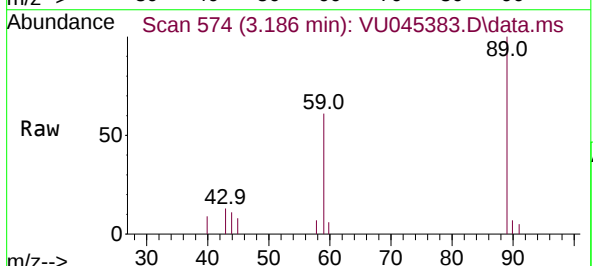
Instrument :
MSVOA_U
ClientSampled :

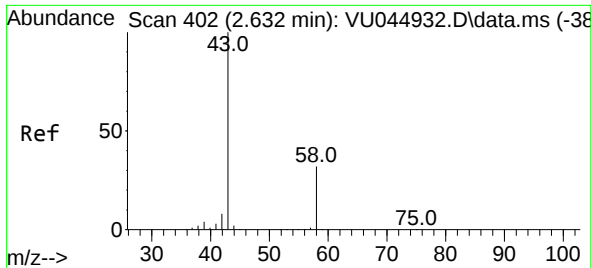
Tgt Ion: 64 Resp: 29442
Ion Ratio Lower Upper
64 100
66 4.8 25.8 38.8#



#11
Tert butyl alcohol
Concen: 3.347 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.045 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 59 Resp: 3489
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

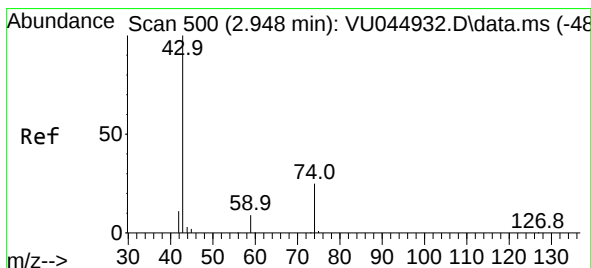
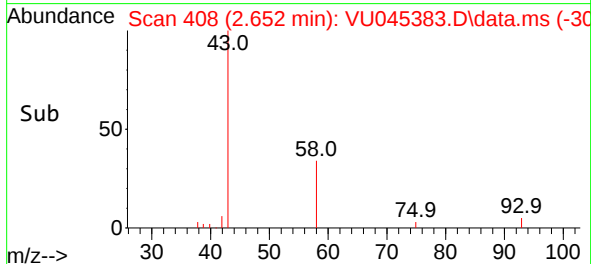
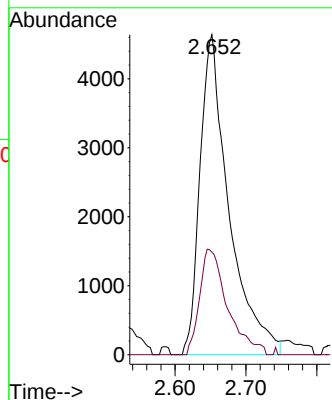
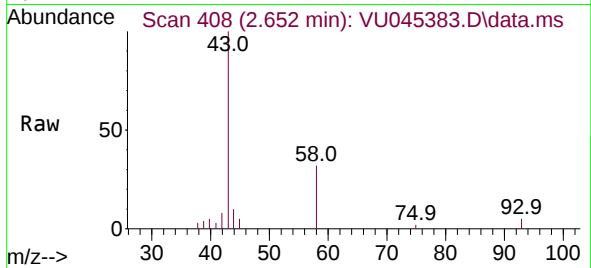




#16
Acetone
Concen: 6.121 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.020 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

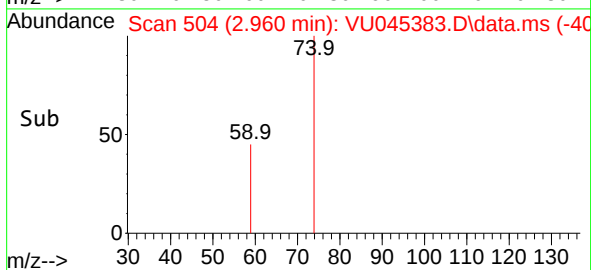
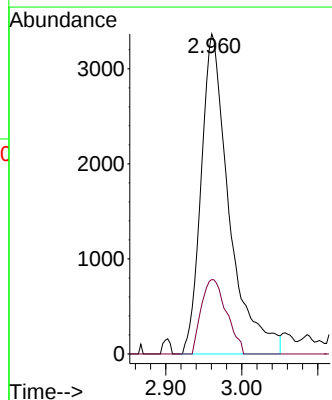
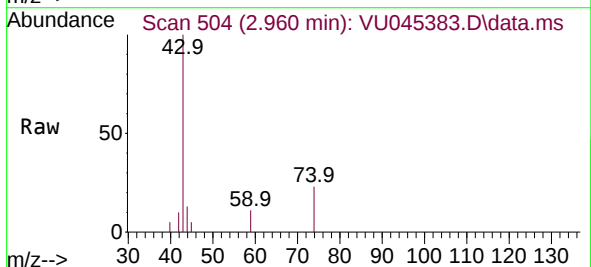
Instrument :
MSVOA_U
ClientSampled :

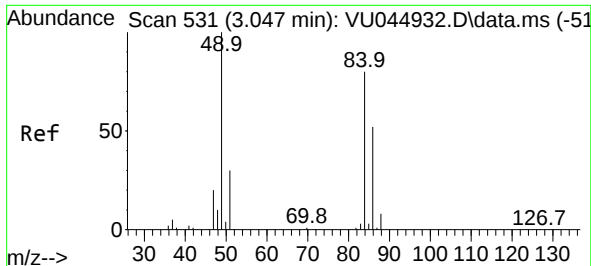
Tgt Ion: 43 Resp: 13197
Ion Ratio Lower Upper
43 100
58 32.0 25.2 37.8



#18
Methyl Acetate
Concen: 1.369 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.012 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 43 Resp: 8628
Ion Ratio Lower Upper
43 100
74 20.9 19.0 28.6

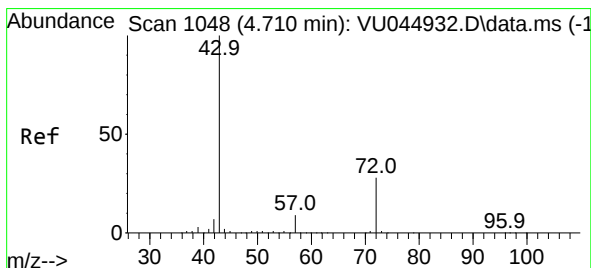
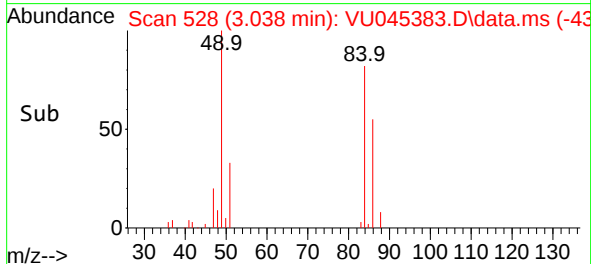
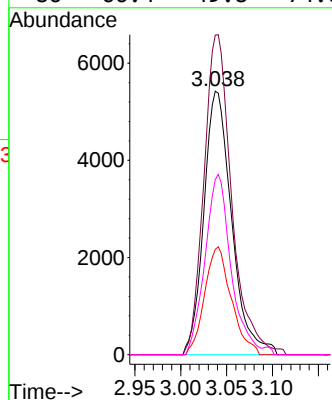
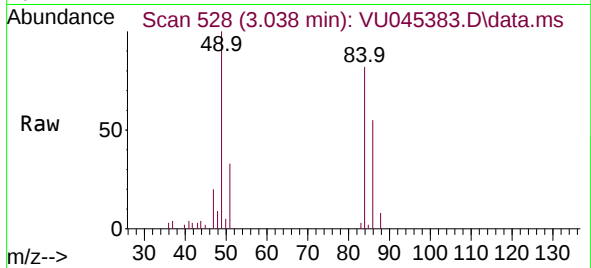




#20
Methylene Chloride
Concen: 3.521 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.009 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

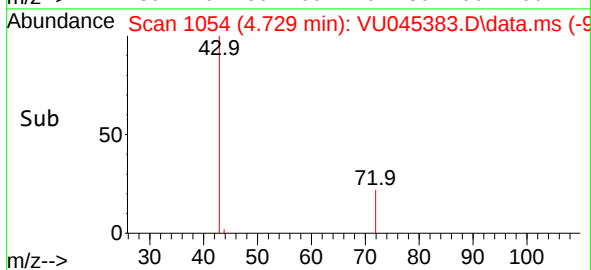
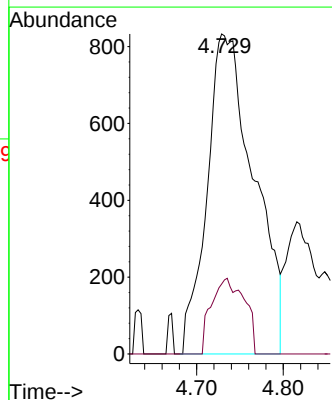
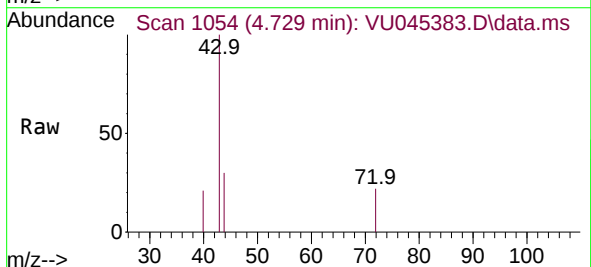
Instrument :
MSVOA_U
ClientSampleId :

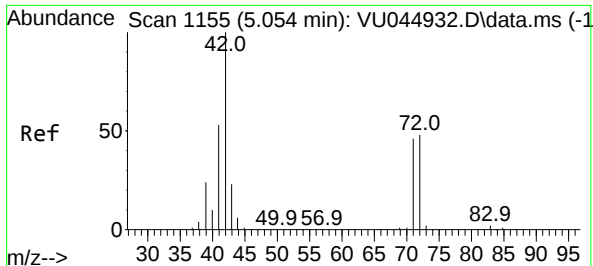
Tgt Ion:	84	Resp:	11435
Ion	Ratio	Lower	Upper
84	100		
49	121.3	104.9	157.3
51	40.0	31.8	47.8
86	66.4	49.8	74.6



#25
2-Butanone
Concen: 1.027 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.019 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion:	43	Resp:	3145
Ion	Ratio	Lower	Upper
43	100		
72	21.8	21.3	31.9





#29

Tetrahydrofuran

Concen: 1.008 ug/l

RT: 5.076 min Scan# 1162

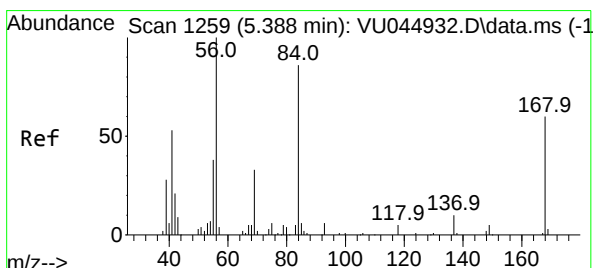
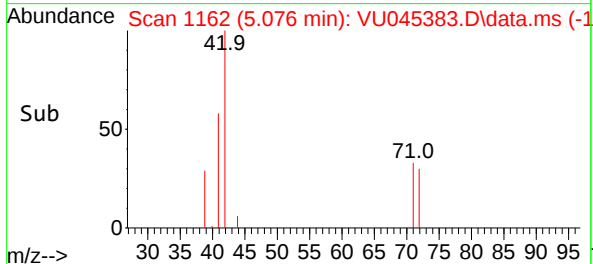
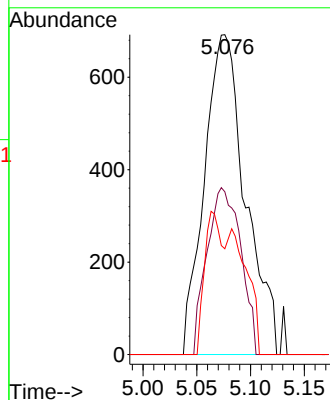
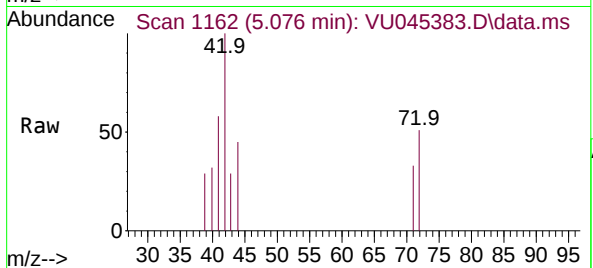
Delta R.T. 0.022 min

Lab File: VU045383.D

Acq: 25 Oct 2021 14:39

Tgt Ion:	42	Resp:	1838
Ion	Ratio	Lower	Upper
42	100		
72	43.0	36.2	54.4
71	20.0	34.1	51.1#

Instrument :
MSVOA_U
ClientSampleId :



#31

Cyclohexane

Concen: 0.987 ug/l

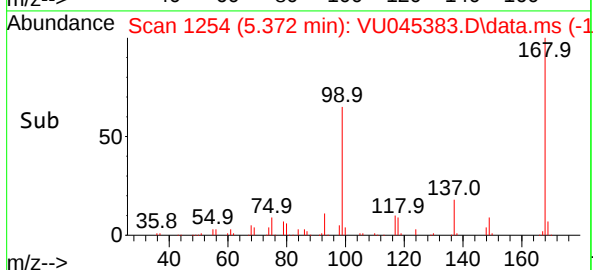
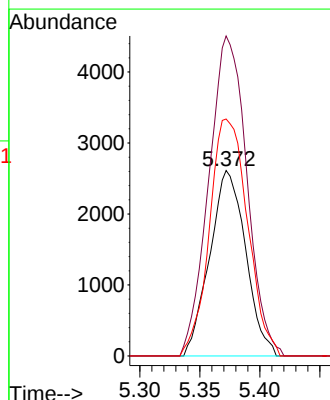
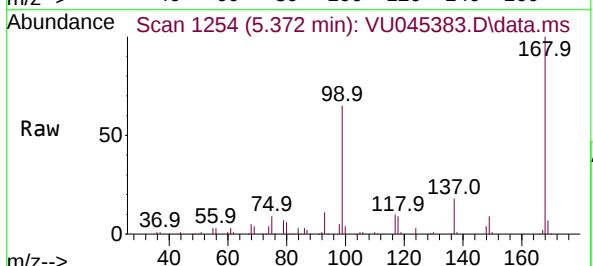
RT: 5.372 min Scan# 1254

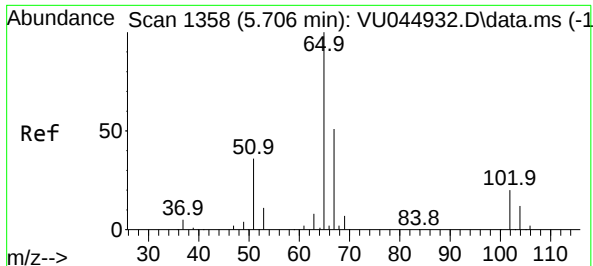
Delta R.T. -0.016 min

Lab File: VU045383.D

Acq: 25 Oct 2021 14:39

Tgt Ion:	56	Resp:	5444
Ion	Ratio	Lower	Upper
56	100		
69	172.5	25.2	37.8#
84	127.8	66.4	99.6#



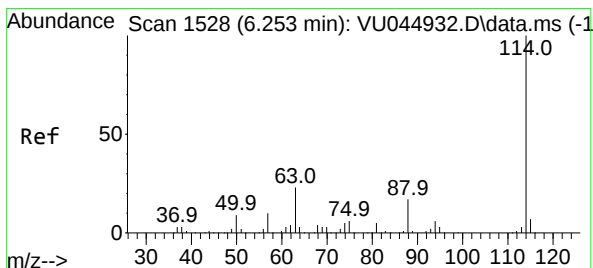
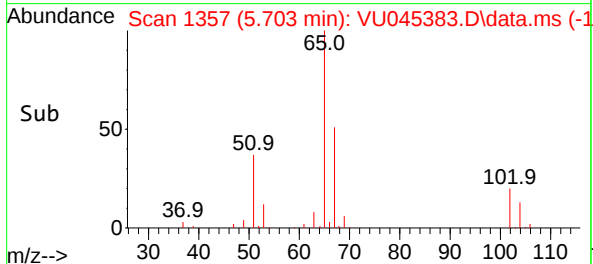
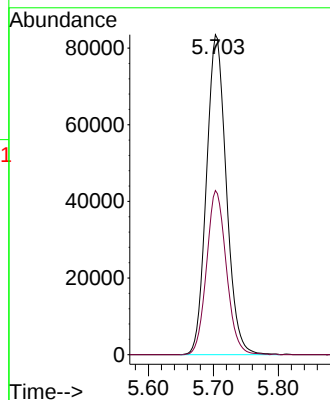
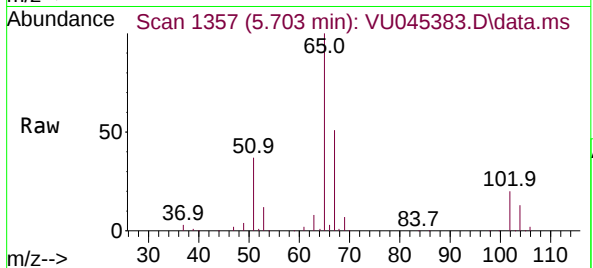


#33

1,2-Dichloroethane-d4
Concen: 48.897 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Instrument :
MSVOA_U
ClientSampled :

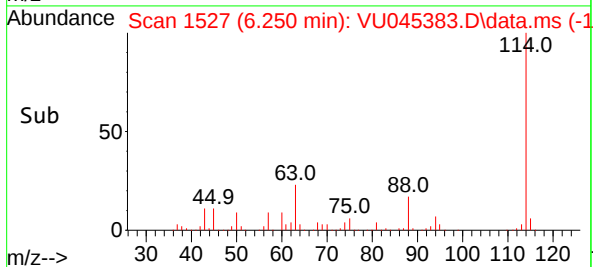
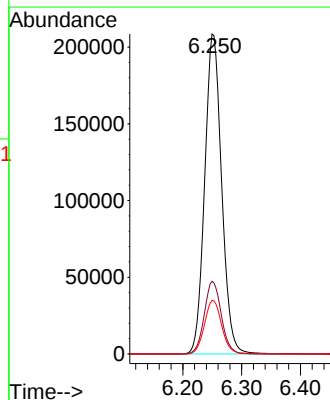
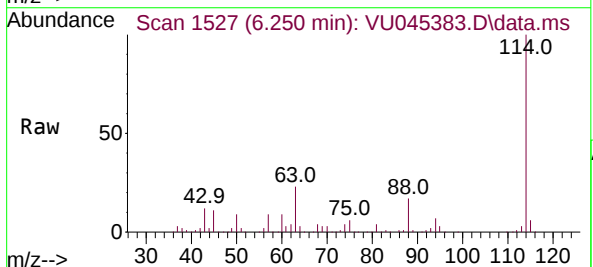
Tgt Ion: 65 Resp: 177615
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

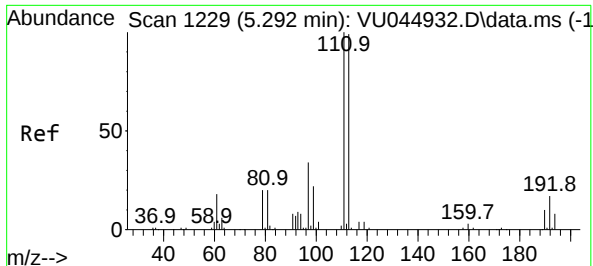


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 114 Resp: 417181
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 16.7 0.0 32.8

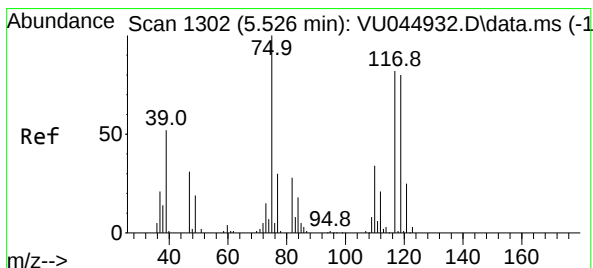
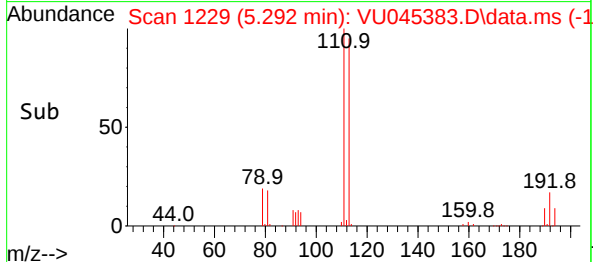
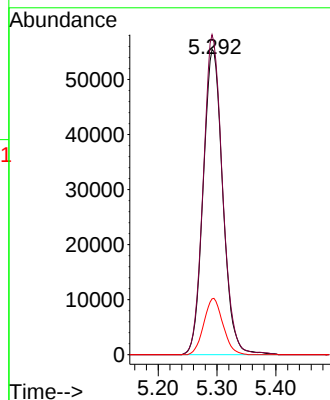
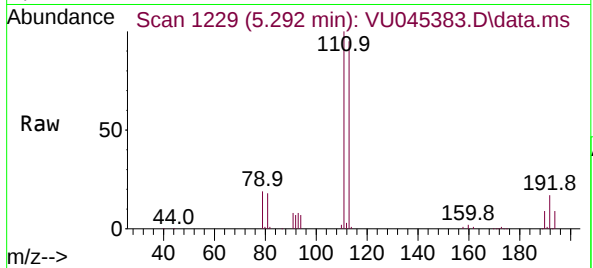




#35
Dibromofluoromethane
Concen: 48.661 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

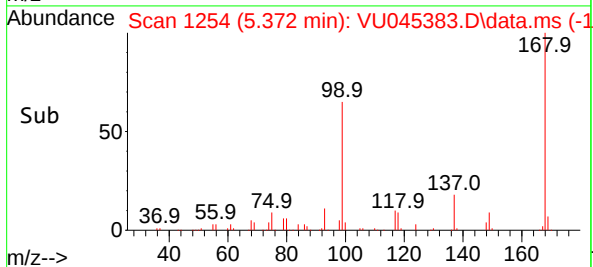
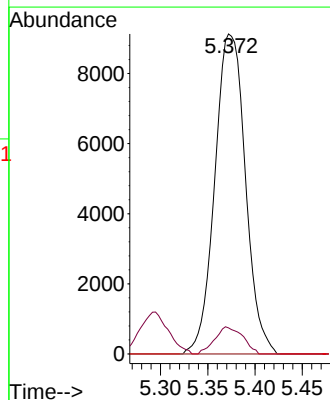
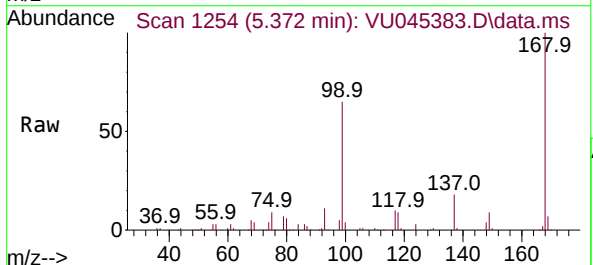
Instrument :
MSVOA_U
ClientSampleId :

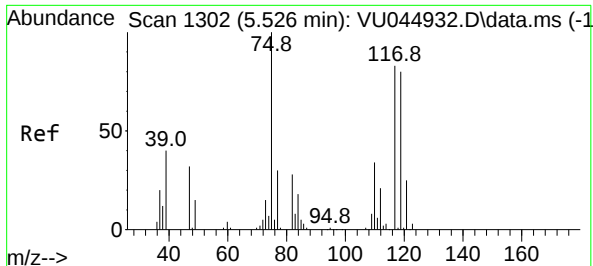
Tgt Ion:113 Resp: 128063
Ion Ratio Lower Upper
113 100
111 103.0 84.1 126.1
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

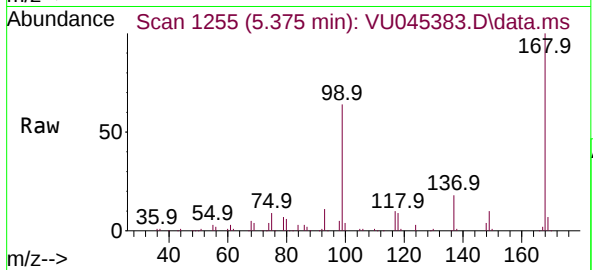
Tgt Ion: 75 Resp: 20576
Ion Ratio Lower Upper
75 100
110 7.7 16.3 48.9#
77 0.0 25.0 37.4#



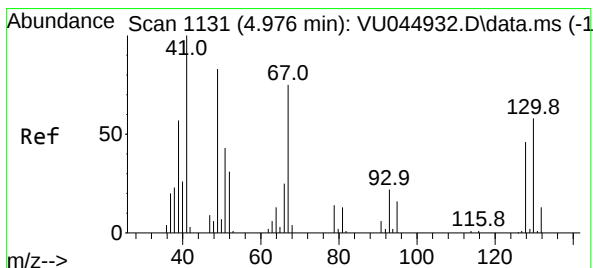
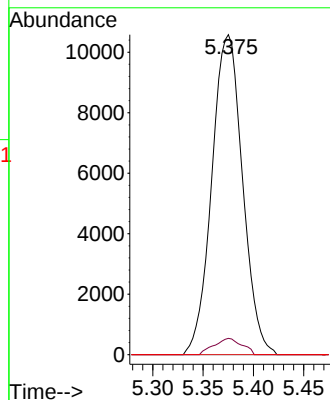
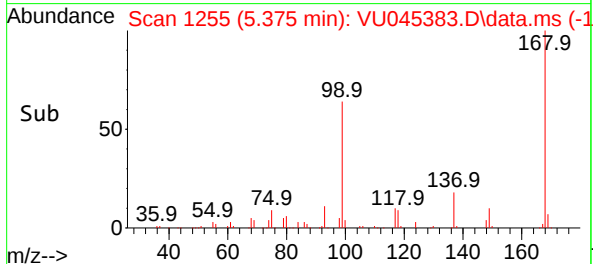


#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

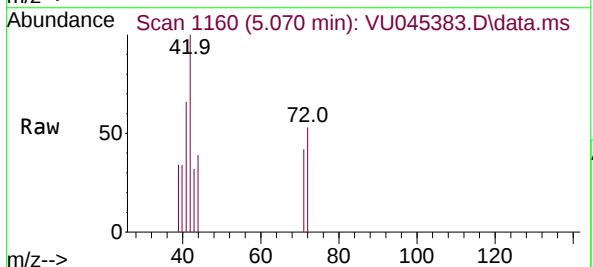
Instrument :
MSVOA_U
ClientSampleId :



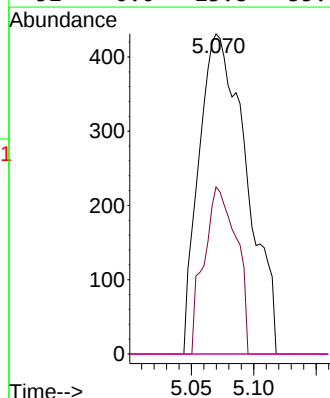
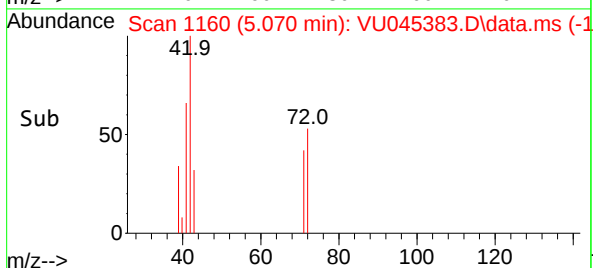
Tgt Ion:117 Resp: 22541
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.2#
121 0.0 24.5 36.7#

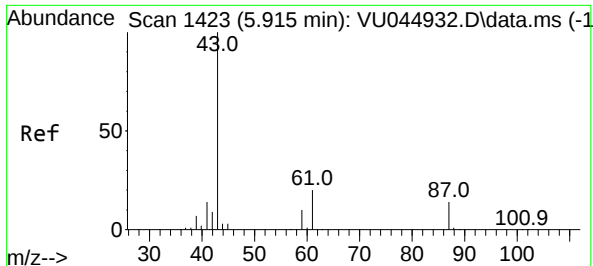


#41
Methacrylonitrile
Concen: 0.384 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.094 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39



Tgt Ion: 41 Resp: 1141
Ion Ratio Lower Upper
41 100
39 35.6 44.4 66.6#
67 0.0 58.1 87.1#
52 0.0 23.8 35.8#



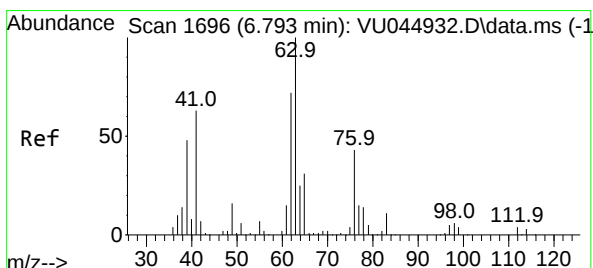
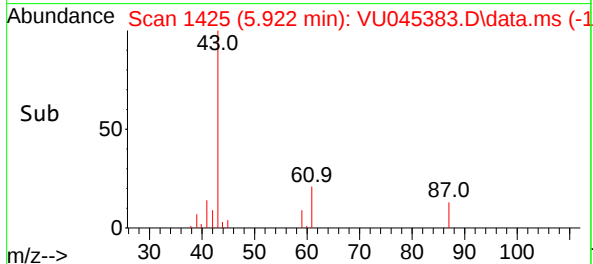
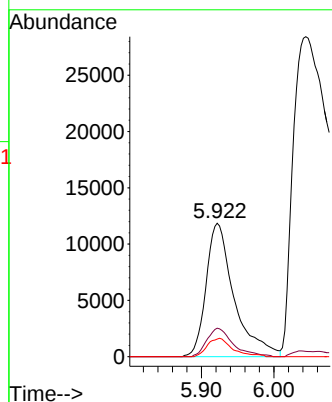
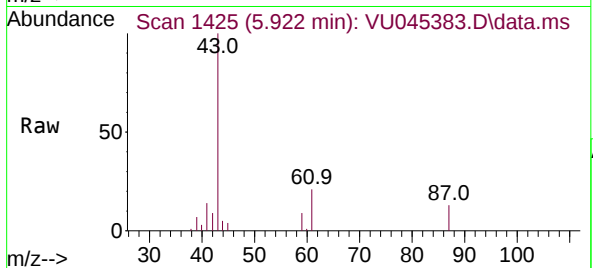


#43

Isopropyl Acetate
Concen: 3.667 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Instrument :
MSVOA_U
ClientSampled :

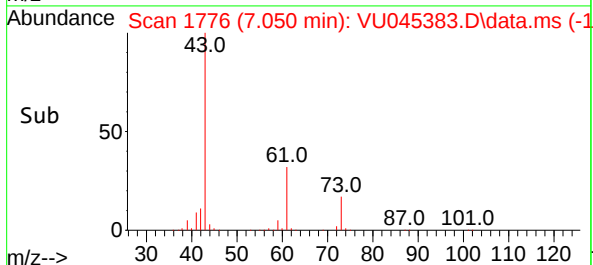
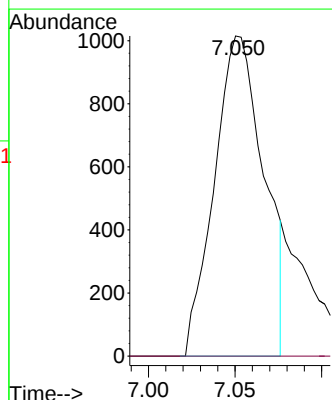
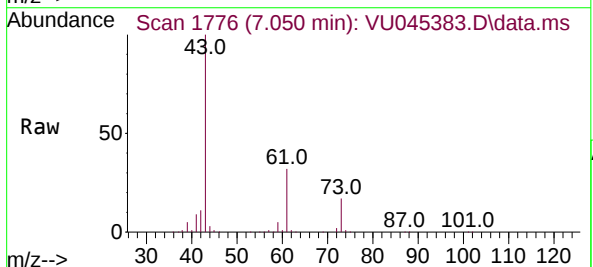
Tgt Ion: 43	Resp: 31847
Ion Ratio	Lower Upper
43	100
61	20.0 16.1 24.1
87	12.3 10.3 15.5

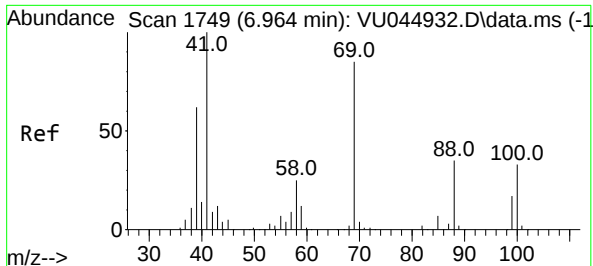


#45

1,2-Dichloropropane
Concen: 0.586 ug/l
RT: 7.050 min Scan# 1776
Delta R.T. 0.257 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 63	Resp: 2018
Ion Ratio	Lower Upper
63	100
65	0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 2.118 ug/l

RT: 6.957 min Scan# 1747

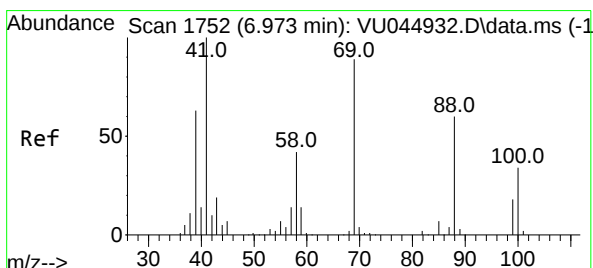
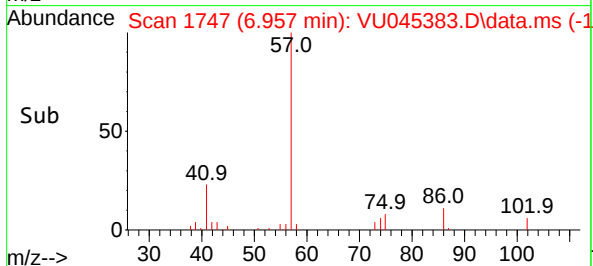
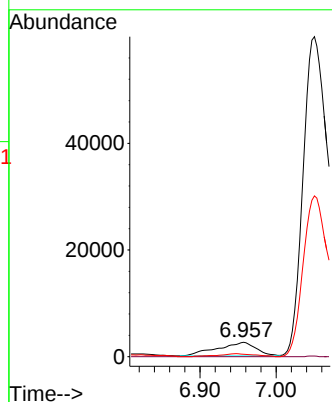
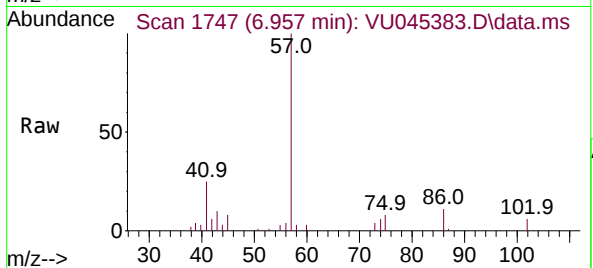
Delta R.T. -0.007 min

Lab File: VU045383.D

Acq: 25 Oct 2021 14:39

Tgt Ion:	41	Resp:	8951
Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.6	98.4#
39	0.0	46.2	69.4#

Instrument :
MSVOA_U
ClientSampled :



#49

1,4-Dioxane

Concen: Below Cal

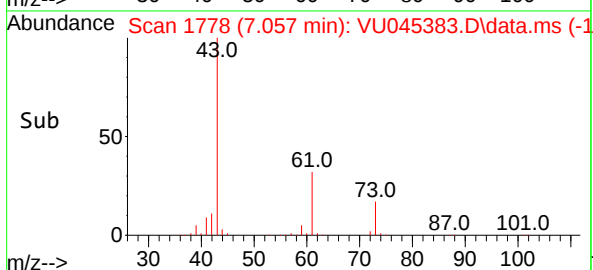
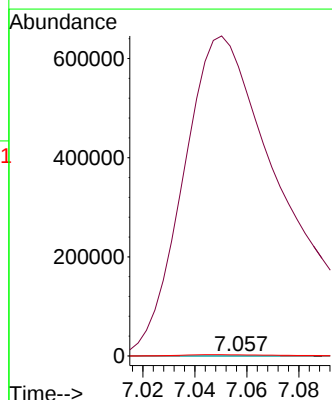
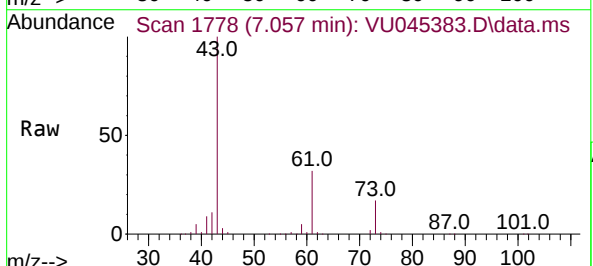
RT: 7.057 min Scan# 1778

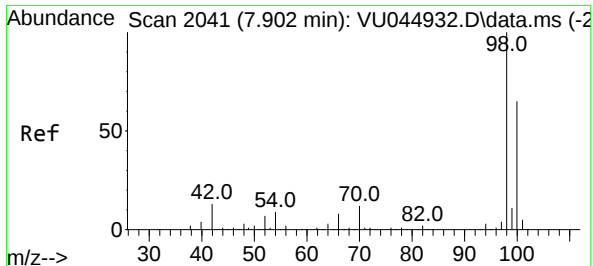
Delta R.T. 0.084 min

Lab File: VU045383.D

Acq: 25 Oct 2021 14:39

Tgt Ion:	88	Resp:	212
Ion	Ratio	Lower	Upper
88	100		
43	833273.6	25.8	38.6#
58	3468.9	61.3	91.9#

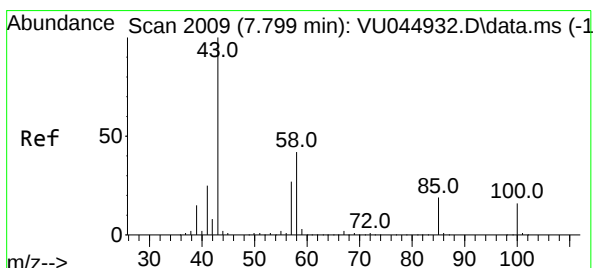
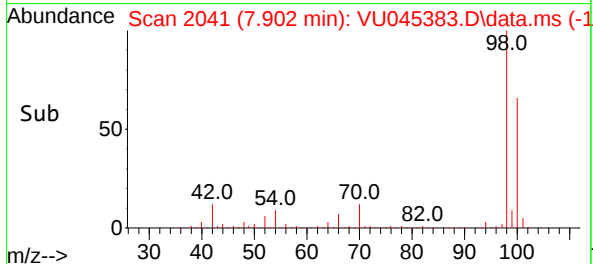
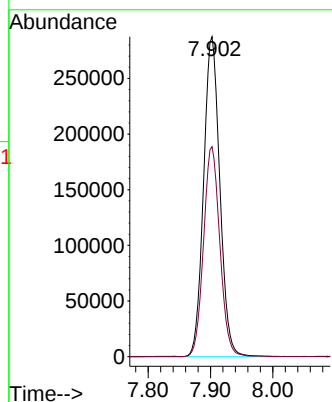
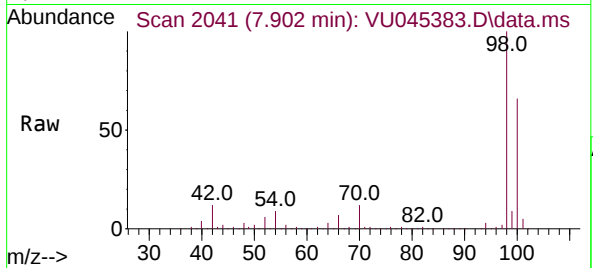




#50
Toluene-d8
Concen: 50.081 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

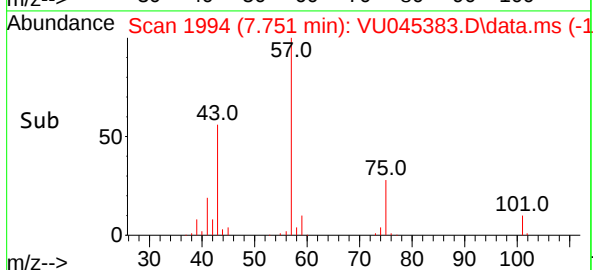
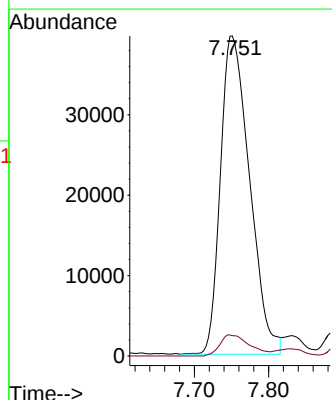
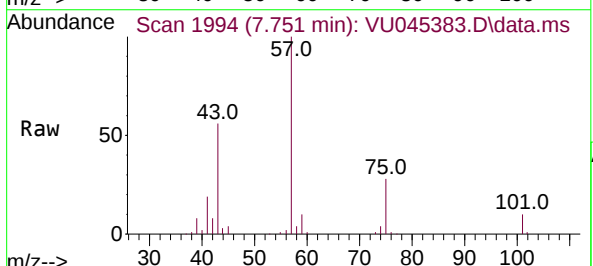
Instrument :
MSVOA_U
ClientSampled :

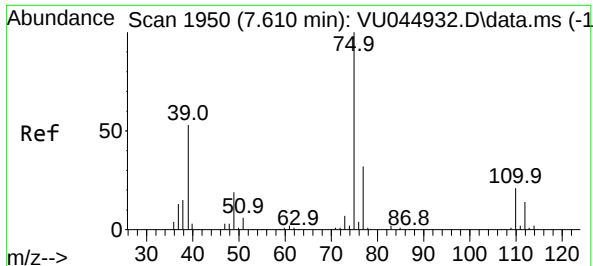
Tgt Ion: 98 Resp: 520760
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 17.091 ug/l
RT: 7.751 min Scan# 1994
Delta R.T. -0.048 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 43 Resp: 108054
Ion Ratio Lower Upper
43 100
58 6.8 32.4 48.6#

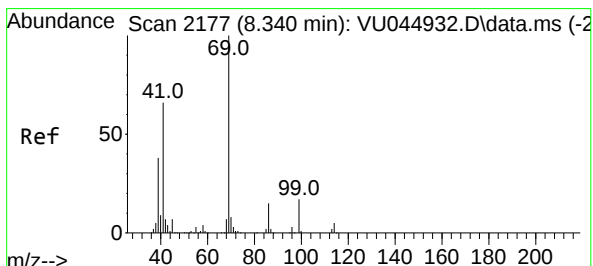
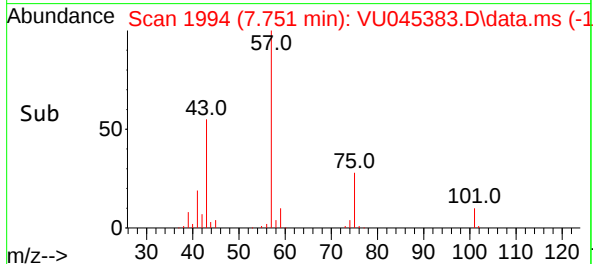
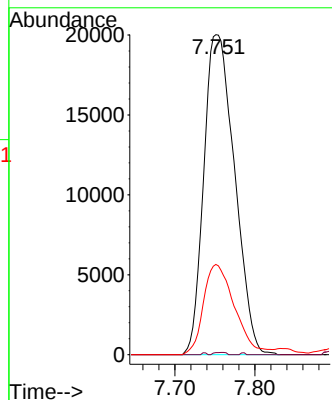
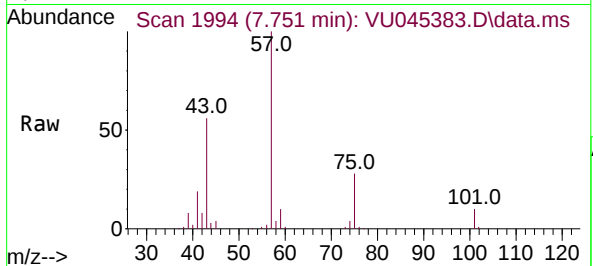




#54
 cis-1,3-Dichloropropene
 Concen: 9.994 ug/l
 RT: 7.751 min Scan# 1994
 Delta R.T. 0.141 min
 Lab File: VU045383.D
 Acq: 25 Oct 2021 14:39

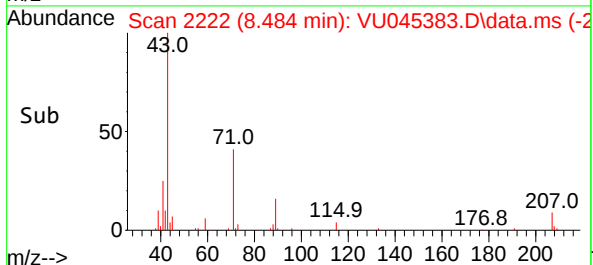
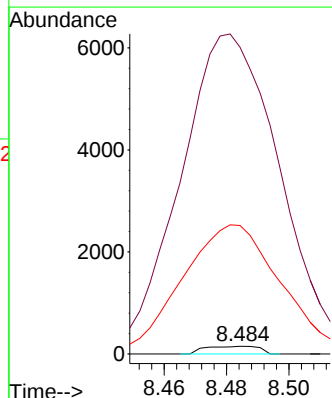
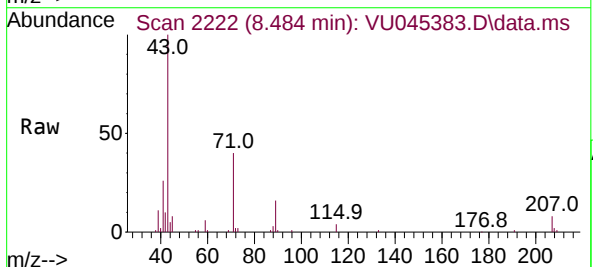
Instrument :
 MSVOA_U
 ClientSampleId :

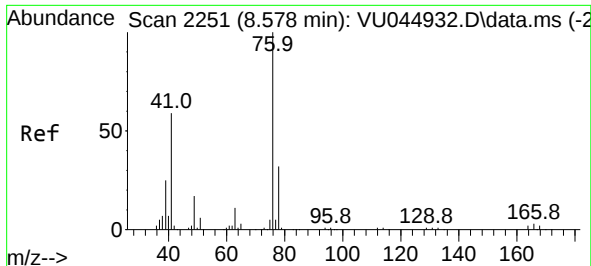
Tgt Ion: 75 Resp: 53642
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.6#
 39 28.2 41.4 62.2#



#56
 Ethyl methacrylate
 Concen: 1.847 ug/l
 RT: 8.484 min Scan# 2222
 Delta R.T. 0.144 min
 Lab File: VU045383.D
 Acq: 25 Oct 2021 14:39

Tgt Ion: 69 Resp: 182
 Ion Ratio Lower Upper
 69 100
 41 7750.0 53.5 80.3#
 39 3085.7 31.1 46.7#



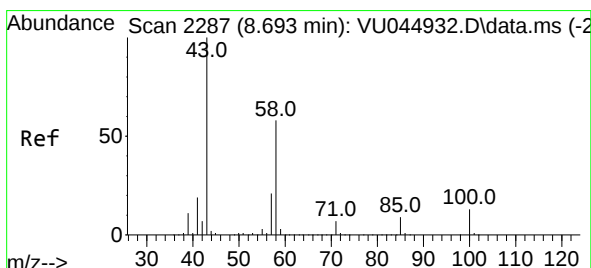
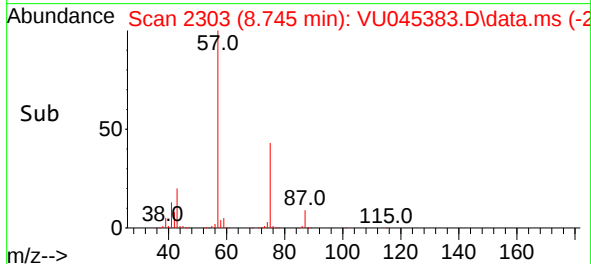
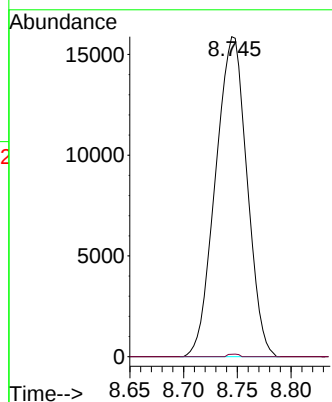
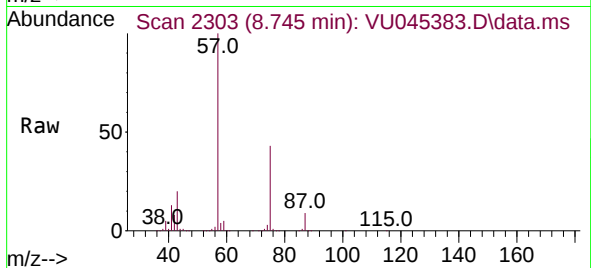


#57

1,3-Dichloropropane
Concen: 5.348 ug/l
RT: 8.745 min Scan# 2303
Delta R.T. 0.167 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Instrument :
MSVOA_U
ClientSampled :

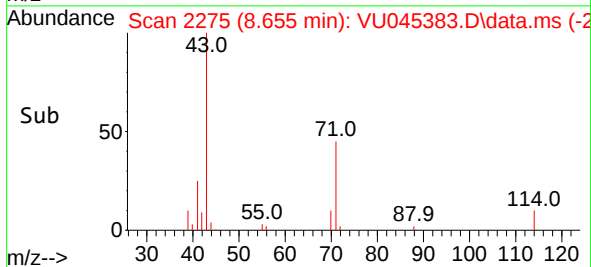
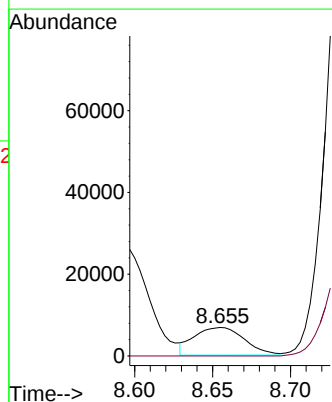
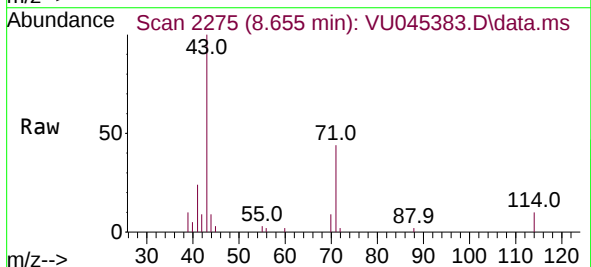
Tgt Ion: 76 Resp: 32342
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#

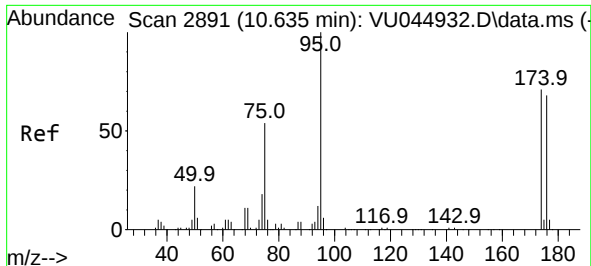


#59

2-Hexanone
Concen: 2.943 ug/l
RT: 8.655 min Scan# 2275
Delta R.T. -0.038 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 43 Resp: 15151
Ion Ratio Lower Upper
43 100
58 0.0 28.0 84.0#

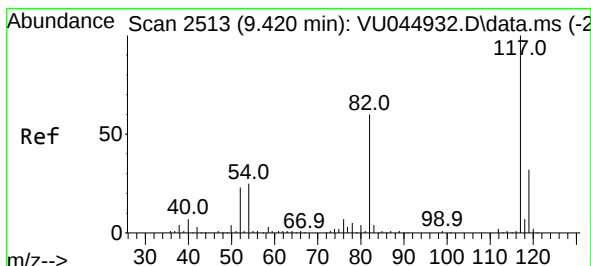
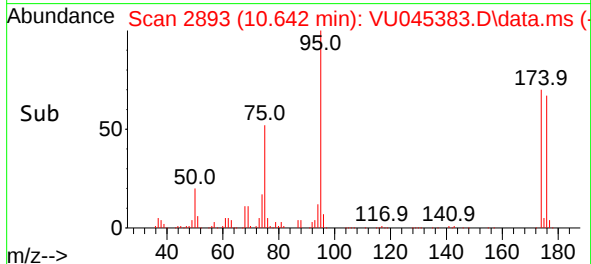
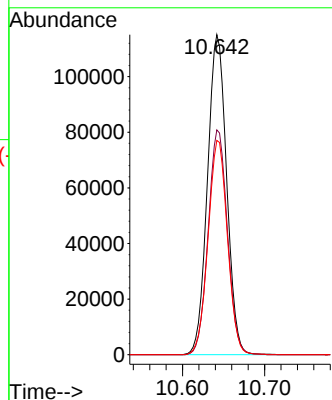
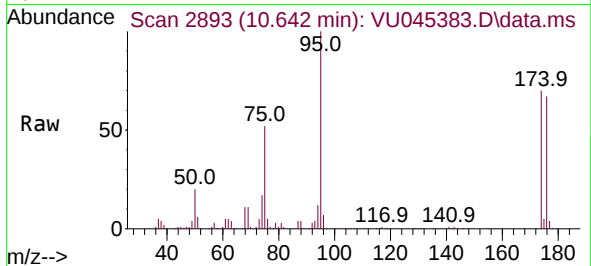




#62
4-Bromofluorobenzene
Concen: 43.460 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

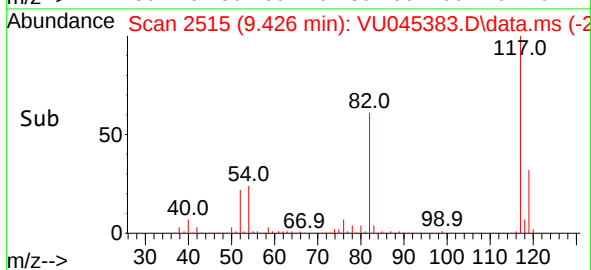
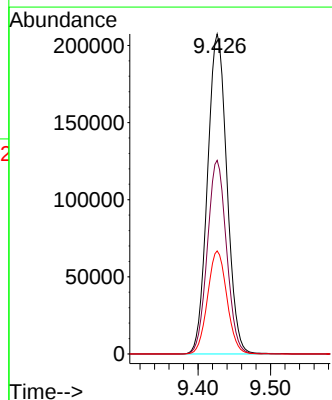
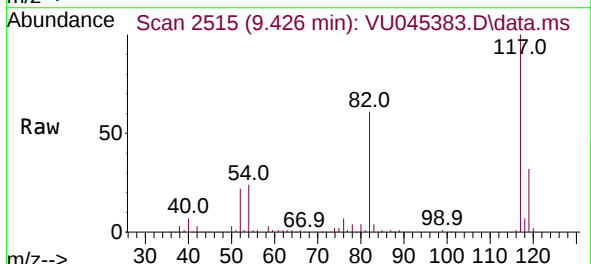
Instrument :
MSVOA_U
ClientSampleId :

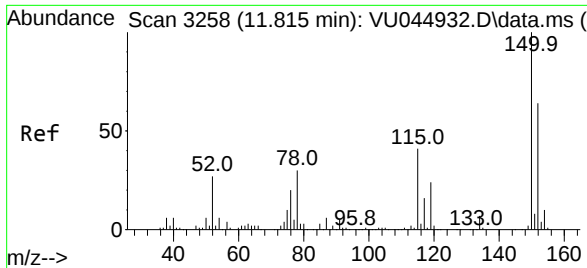
Tgt Ion: 95 Resp: 186574
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.6
176 67.7 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.006 min
Lab File: VU045383.D
Acq: 25 Oct 2021 14:39

Tgt Ion: 117 Resp: 385884
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.2 25.8 38.6

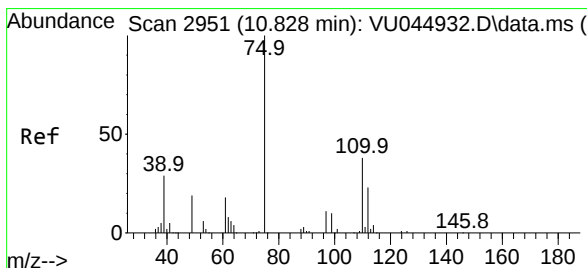
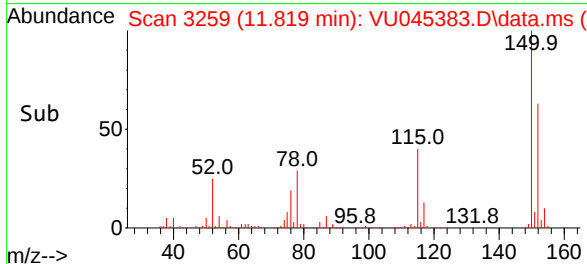
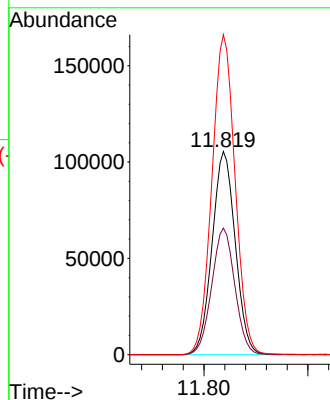
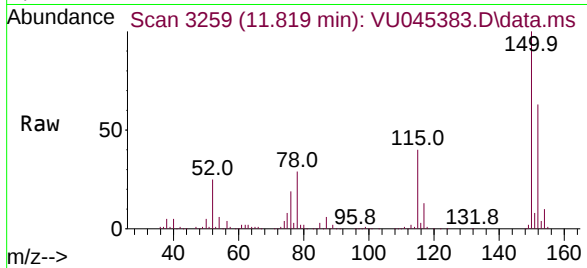




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.004 min
 Lab File: VU045383.D
 Acq: 25 Oct 2021 14:39

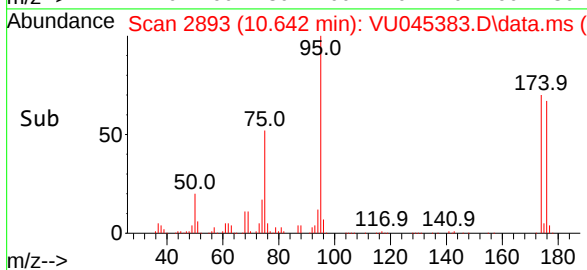
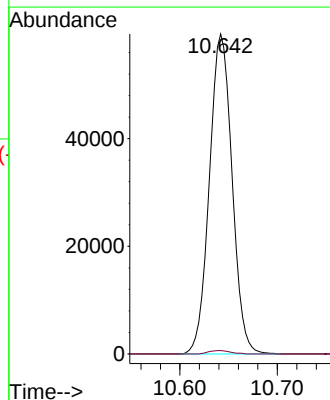
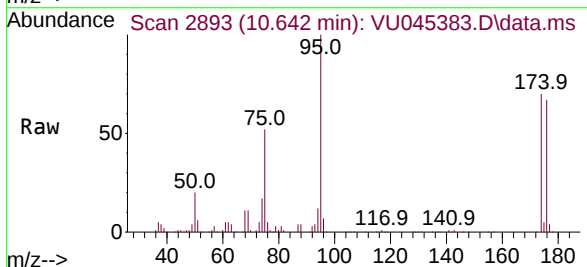
Instrument :
 MSVOA_U
 ClientSampled :

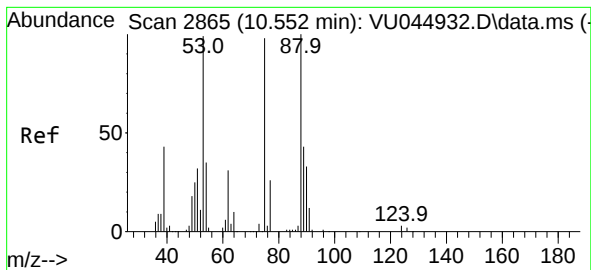
Tgt Ion:152 Resp: 163332
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.5 130.7
 150 157.7 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.160 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.186 min
 Lab File: VU045383.D
 Acq: 25 Oct 2021 14:39

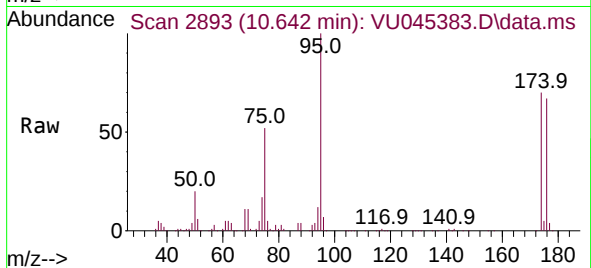
Tgt Ion: 75 Resp: 96042
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.946 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. 0.090 min
 Lab File: VU045383.D
 Acq: 25 Oct 2021 14:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 96042
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

