

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045032.D
 Acq On : 30 Sep 2021 07:23
 Operator : SY/MD
 Sample : M3971-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KEARNY-COMP

Quant Time: Sep 30 08:29:56 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

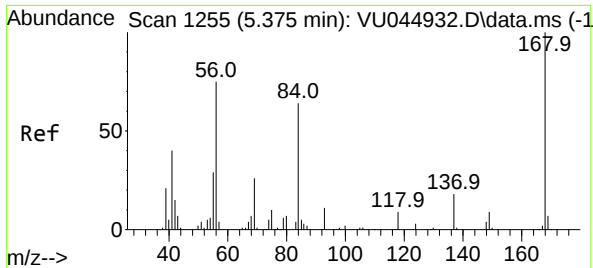
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	196326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	355722	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	350264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	160120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	159101	48.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.360%		
35) Dibromofluoromethane	5.292	113	110619	49.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	7.902	98	459123	51.782	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.560%		
62) 4-Bromofluorobenzene	10.635	95	175753	48.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.020%		
Target Compounds						Qvalue
6) Chloroethane	1.854	64	1139	0.472	ug/l #	42
11) Tert butyl alcohol	3.205	59	1614	1.721	ug/l #	72
16) Acetone	2.629	43	57214	29.494	ug/l	97
18) Methyl Acetate	2.957	43	6397	1.128	ug/l	95
20) Methylene Chloride	3.047	84	9637	3.298	ug/l	95
25) 2-Butanone	4.713	43	5157	1.871	ug/l	94
29) Tetrahydrofuran	5.063	42	997	0.608	ug/l #	82
31) Cyclohexane	5.378	56	5171	1.042	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18456	4.961	ug/l #	49
37) Ethyl Acetate	4.713	43	5157	1.048	ug/l #	69
38) Carbon Tetrachloride	5.378	117	20377	6.330	ug/l #	17
40) Benzene	5.774	78	3405	0.307	ug/l	93
41) Methacrylonitrile	5.067	41	552	0.218	ug/l #	34
43) Isopropyl Acetate	5.919	43	14922	2.015	ug/l	98
48) Methyl methacrylate	6.902	41	4029	1.118	ug/l #	24
51) 4-Methyl-2-Pentanone	7.796	43	8583	1.592	ug/l	95
52) Toluene	7.973	92	1858	0.268	ug/l	99
54) cis-1,3-Dichloropropene	7.742	75	28726	6.277	ug/l #	62
56) Ethyl methacrylate	8.584	69	406	1.891	ug/l #	1
57) 1,3-Dichloropropane	8.729	76	6968	1.351	ug/l #	43
59) 2-Hexanone	8.729	43	96142	21.900	ug/l #	51
76) 1,2,3-Trichloropropane	10.635	75	94272	20.185	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	94272	56.017	ug/l #	9

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

Quant Time: Sep 30 08:29:56 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

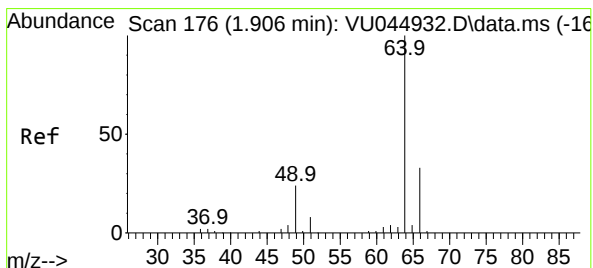
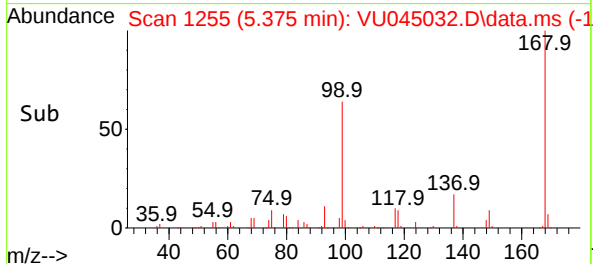
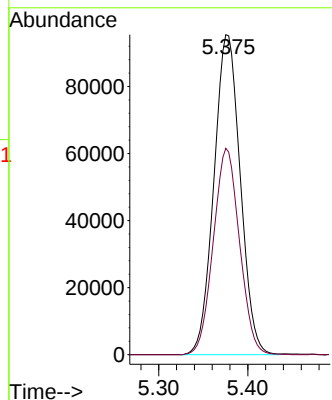
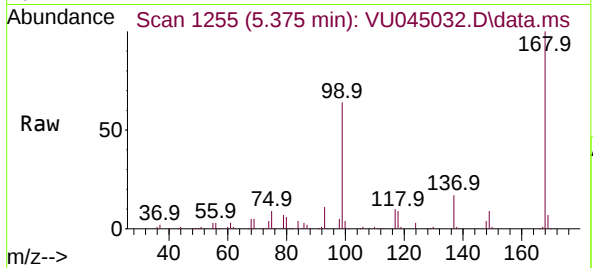




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

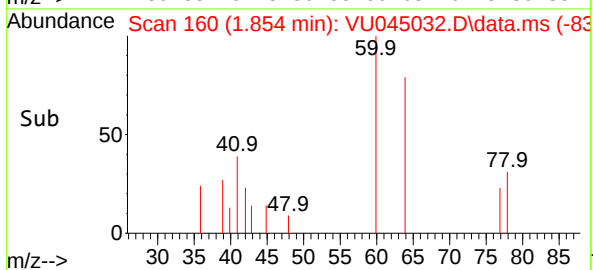
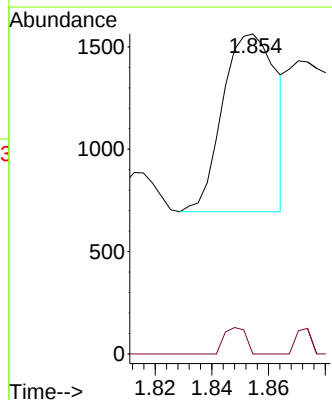
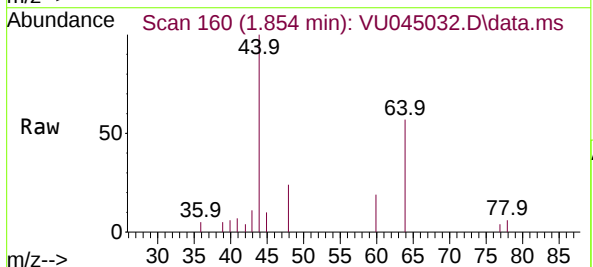
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

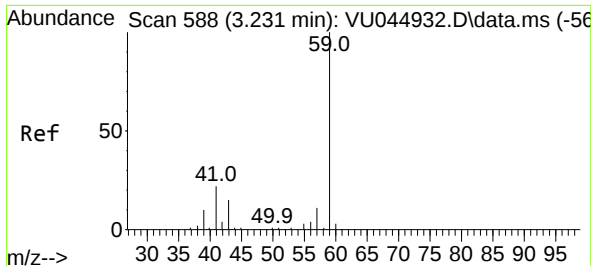
Tgt Ion:168 Resp: 196326
Ion Ratio Lower Upper
168 100
99 64.5 51.4 77.0



#6
Chloroethane
Concen: 0.472 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.052 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 64 Resp: 1139
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#

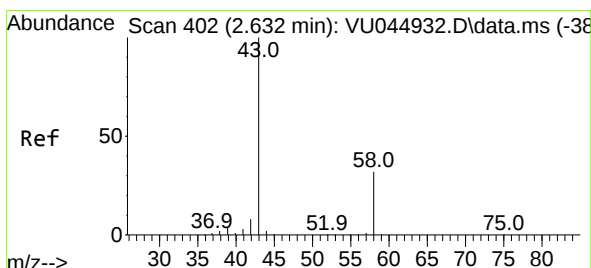
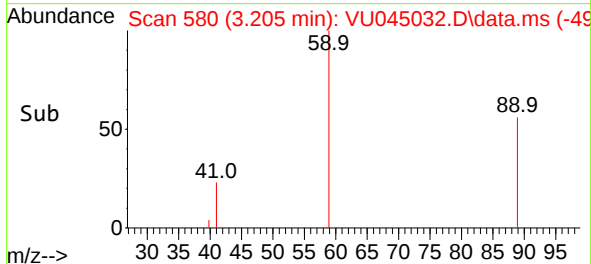
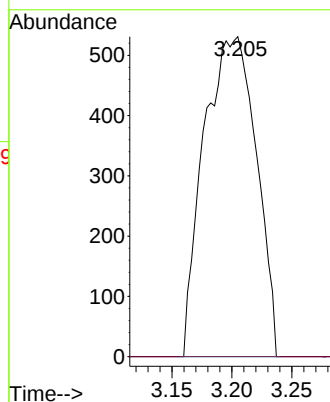
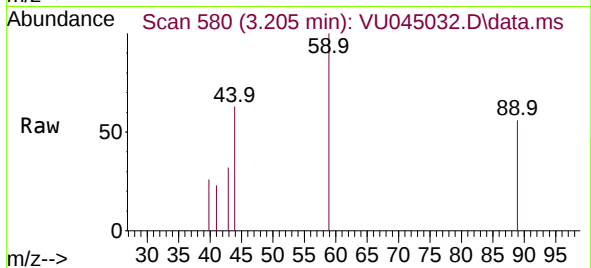




#11
Tert butyl alcohol
Concen: 1.721 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.026 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

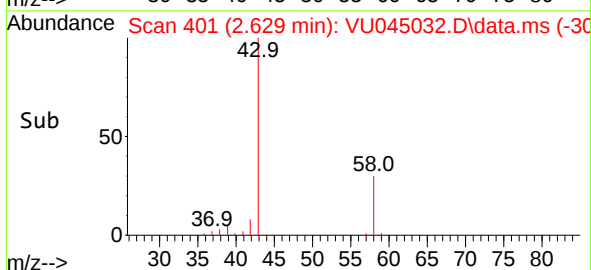
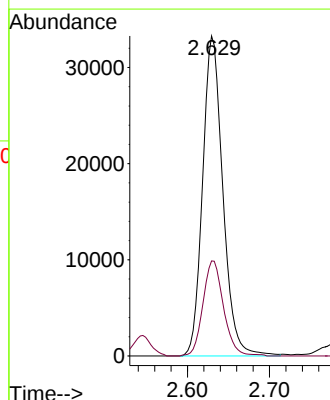
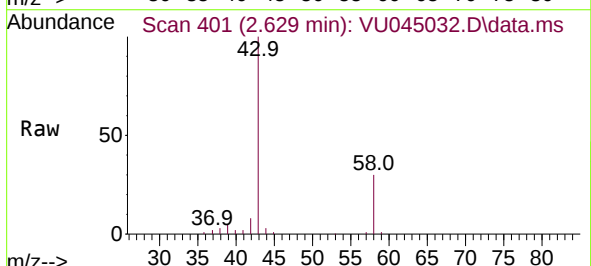
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MSVOA_U
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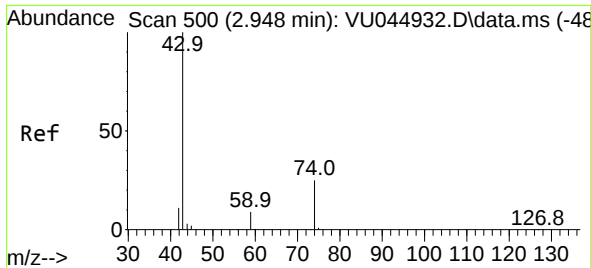
Tgt Ion: 59 Resp: 1614
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 29.494 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 43 Resp: 57214
Ion Ratio Lower Upper
43 100
58 29.7 25.2 37.8

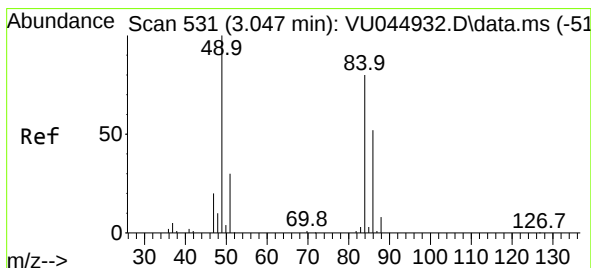
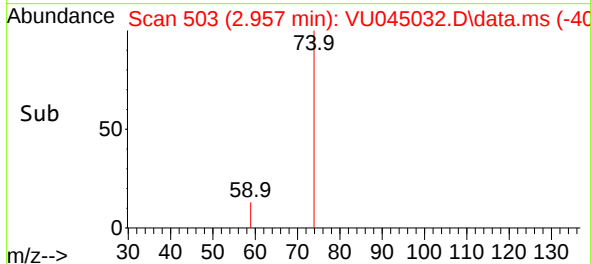
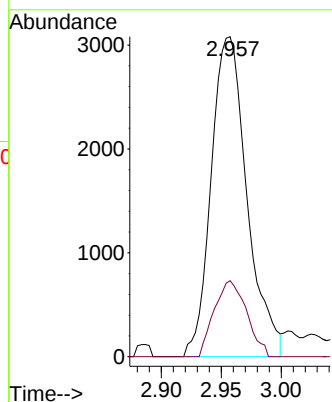
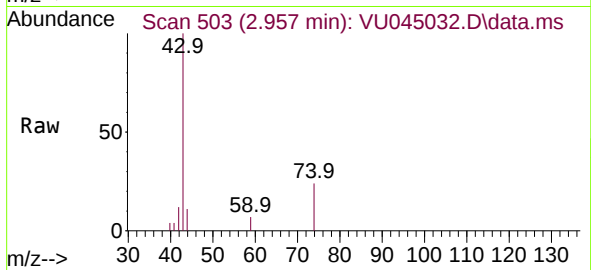




#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.009 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

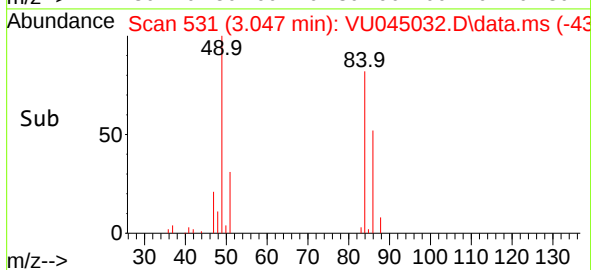
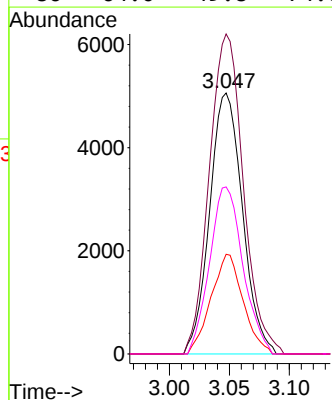
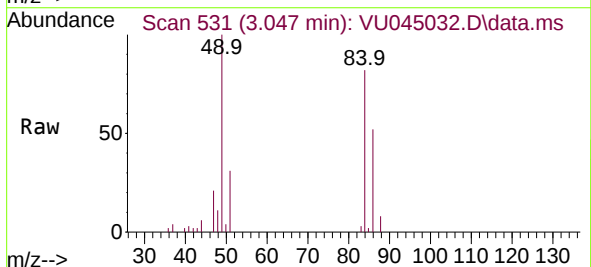
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

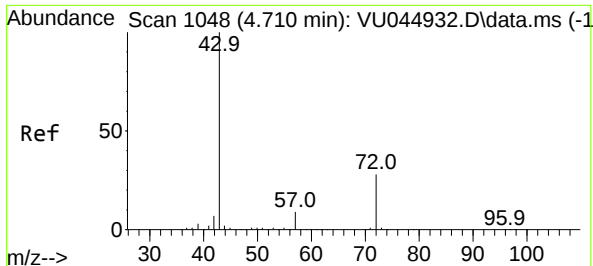
Tgt Ion: 43 Resp: 6397
Ion Ratio Lower Upper
43 100
74 21.5 19.0 28.6



#20
Methylene Chloride
Concen: 3.298 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 84 Resp: 9637
Ion Ratio Lower Upper
84 100
49 122.6 104.9 157.3
51 38.2 31.8 47.8
86 64.0 49.8 74.6





#25

2-Butanone

Concen: 1.871 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045032.D

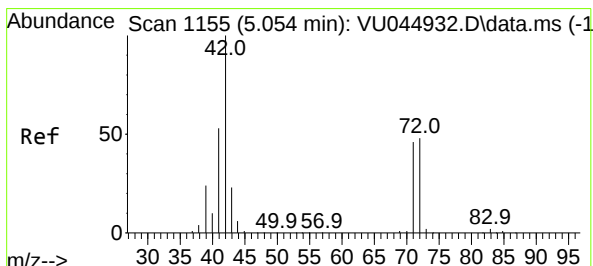
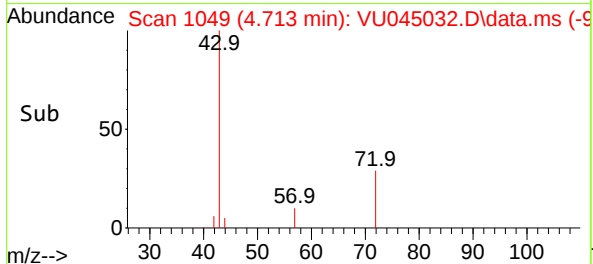
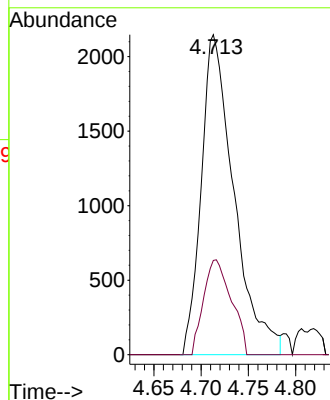
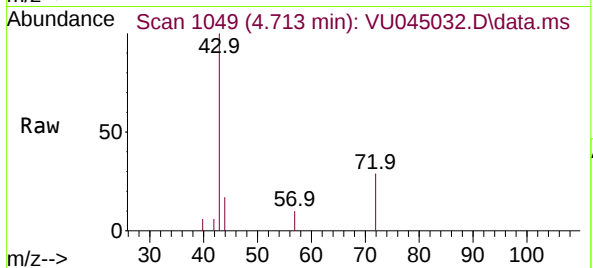
Acq: 30 Sep 2021 07:23

Tgt Ion: 43 Resp: 5157

Ion Ratio Lower Upper

43 100

72 29.5 21.3 31.9



#29

Tetrahydrofuran

Concen: 0.608 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.009 min

Lab File: VU045032.D

Acq: 30 Sep 2021 07:23

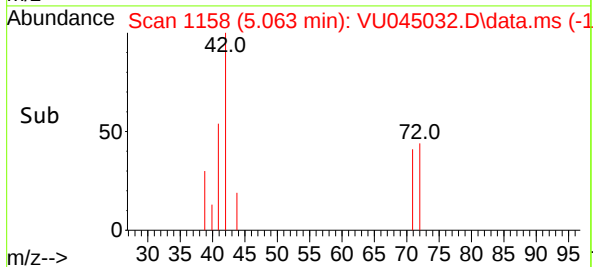
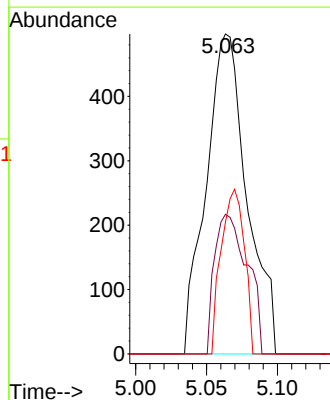
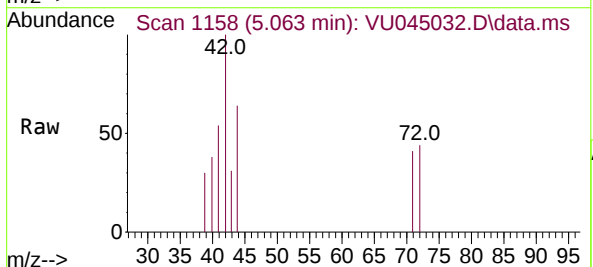
Tgt Ion: 42 Resp: 997

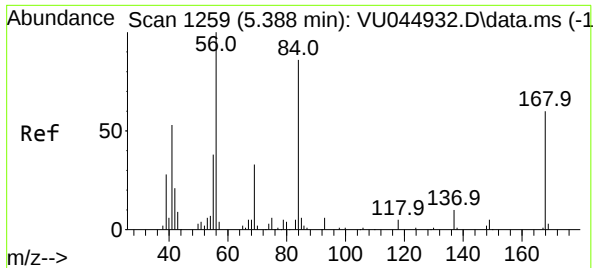
Ion Ratio Lower Upper

42 100

72 34.8 36.2 54.4#

71 29.2 34.1 51.1#

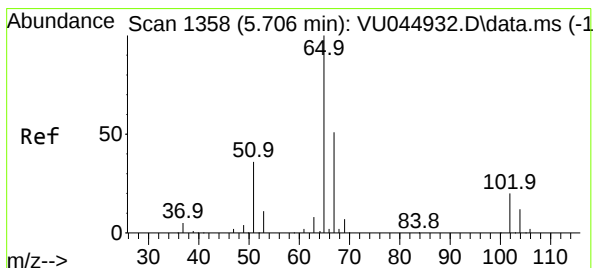
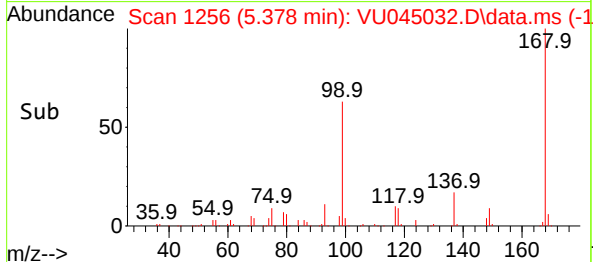
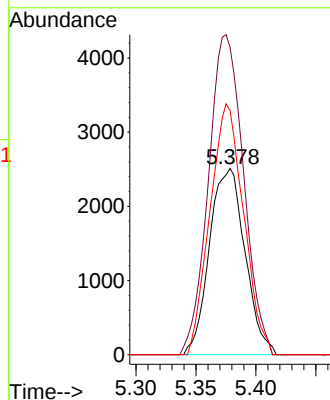
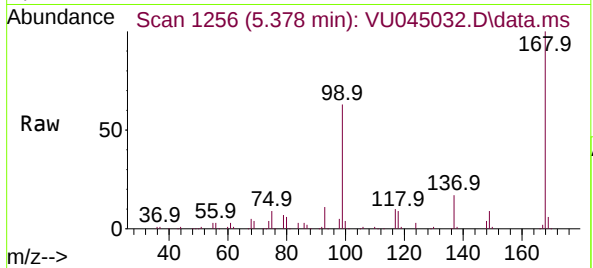




#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

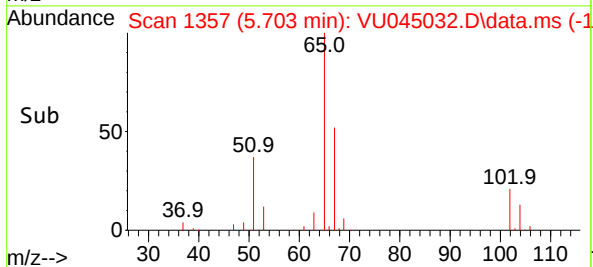
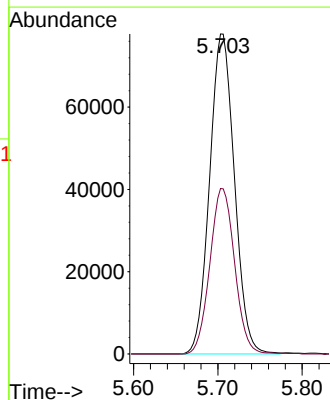
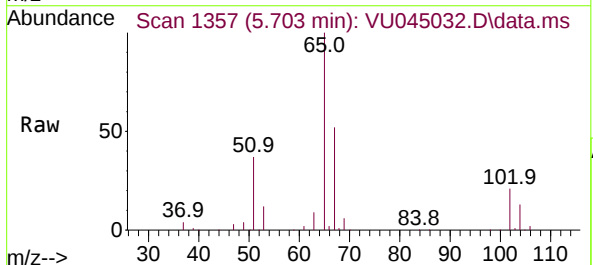
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

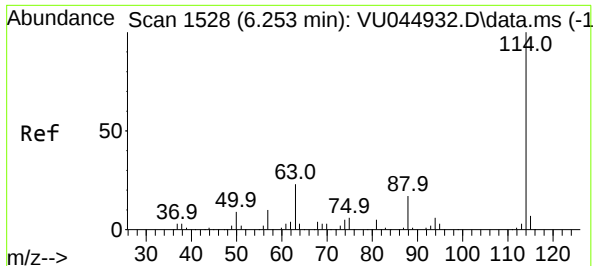
Tgt Ion: 56 Resp: 5171
Ion Ratio Lower Upper
56 100
69 164.9 25.2 37.8#
84 131.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.683 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 65 Resp: 159101
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

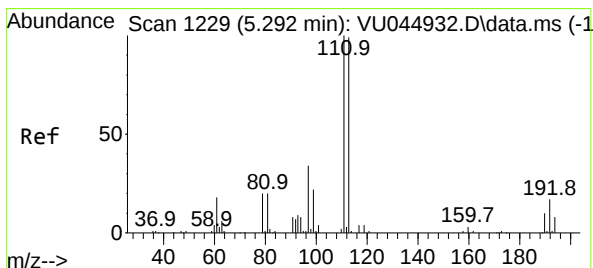
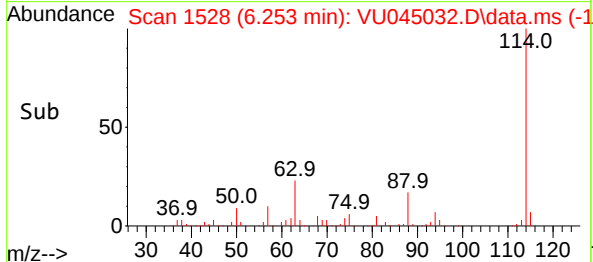
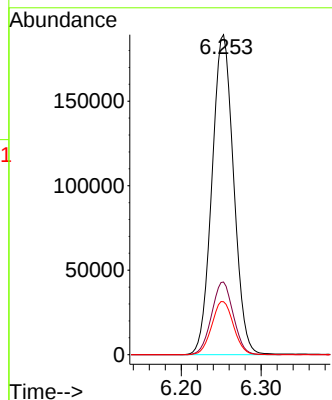
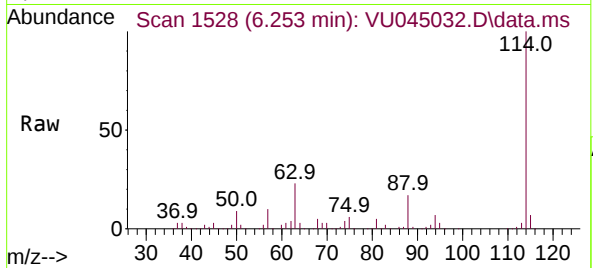




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

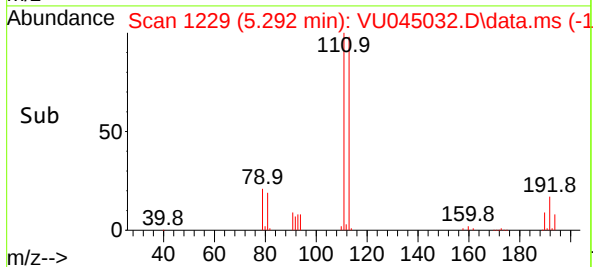
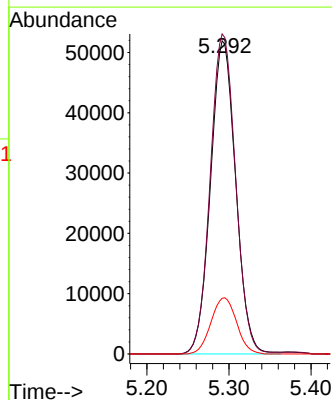
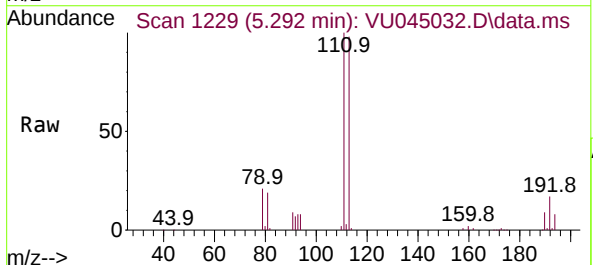
Instrument :
MSVOA_U
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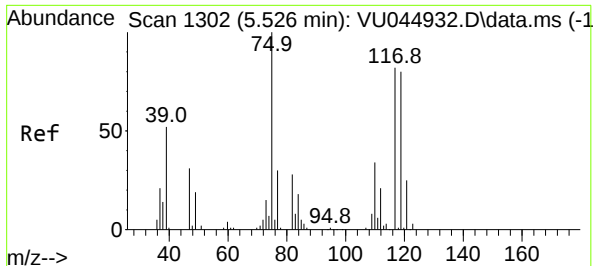
Tgt Ion:114 Resp: 355722
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion:113 Resp: 110619
Ion Ratio Lower Upper
113 100
111 102.8 84.1 126.1
192 18.3 14.8 22.2



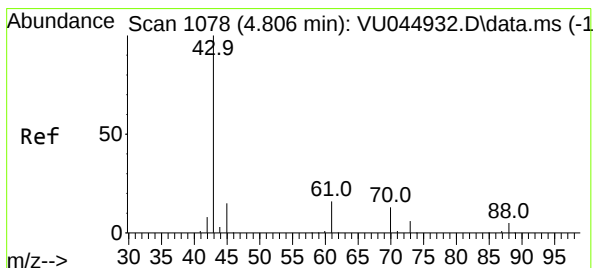
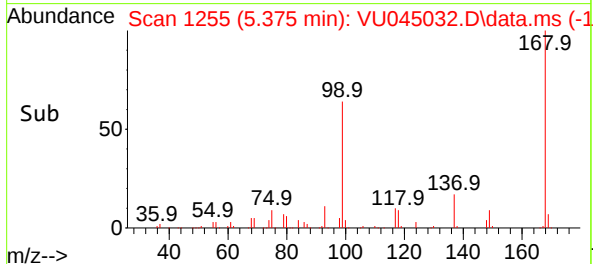
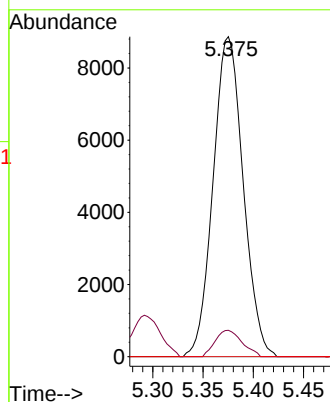
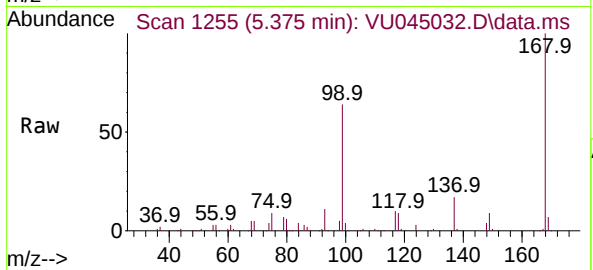


#36

1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.151 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

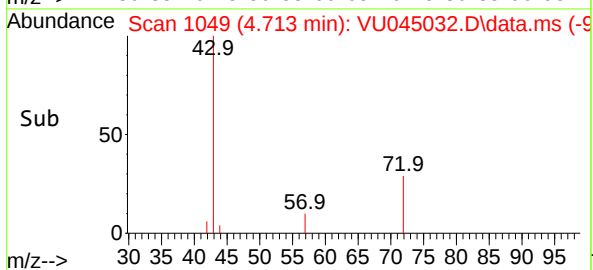
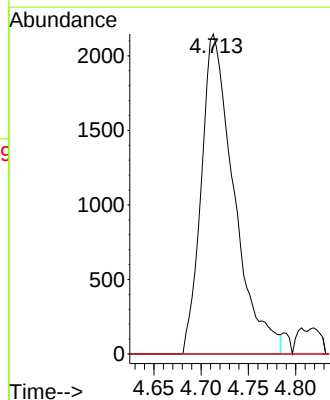
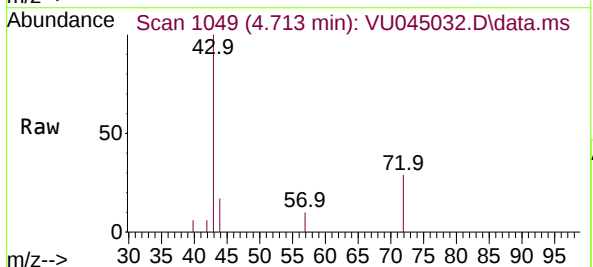
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.3	48.9#
77	0.0	25.0	37.4#

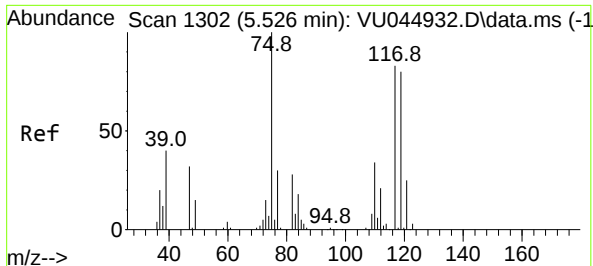


#37

Ethyl Acetate
Concen: 1.048 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.093 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

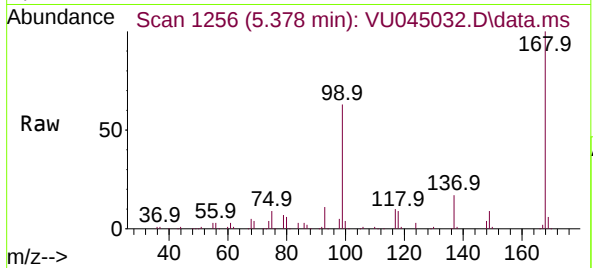
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	8.2	12.4#



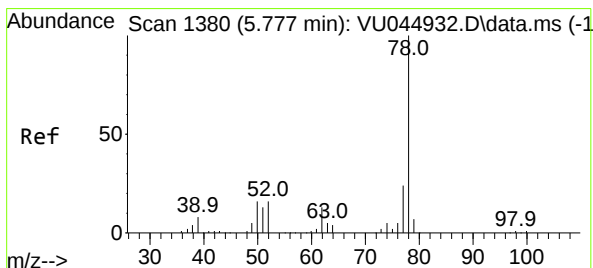
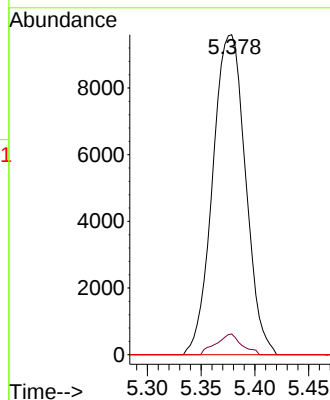
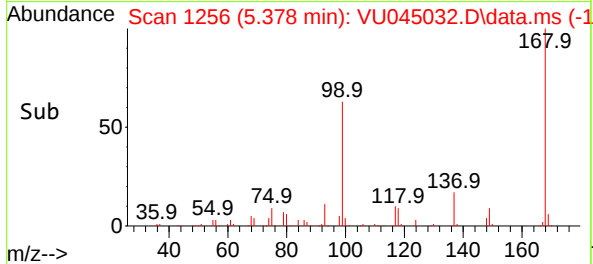


#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.148 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

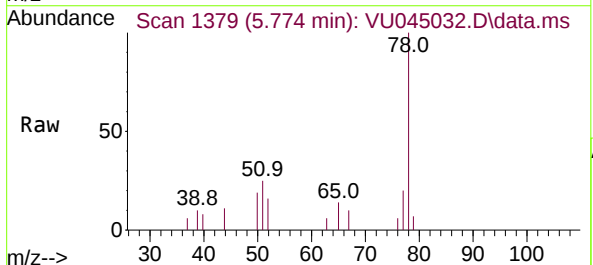
Instrument :
MSVOA_U
ClientSampleId :
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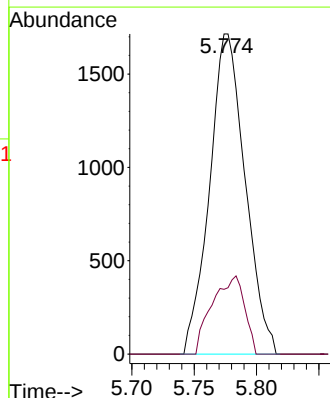
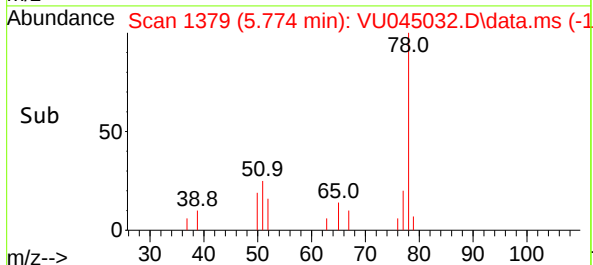
Tgt Ion:117 Resp: 20377
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.2#
121 0.0 24.5 36.7#

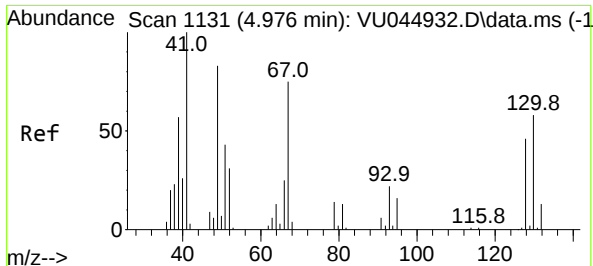


#40
Benzene
Concen: 0.307 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23



Tgt Ion: 78 Resp: 3405
Ion Ratio Lower Upper
78 100
77 20.2 19.1 28.7

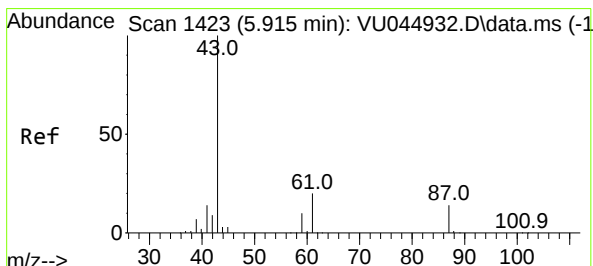
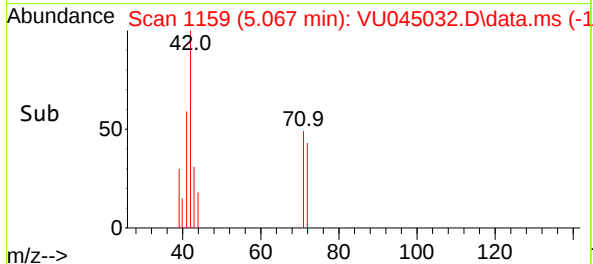
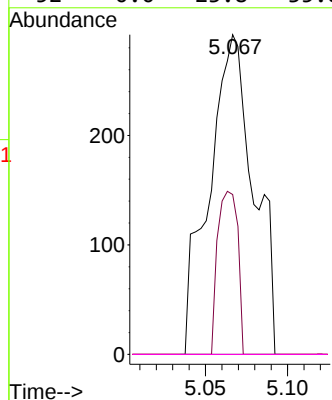
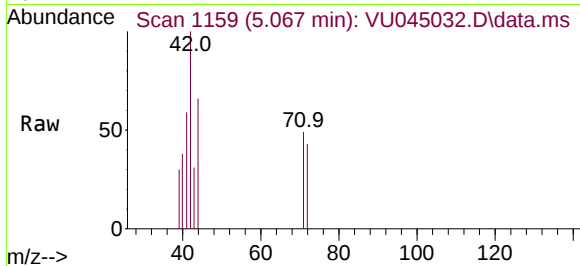




#41
Methacrylonitrile
Concen: 0.218 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.091 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

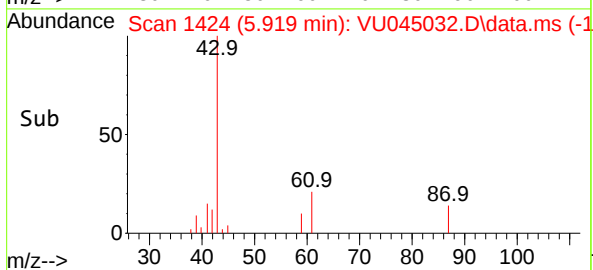
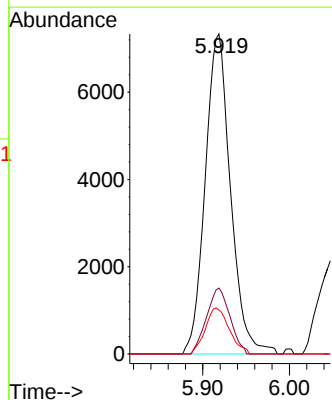
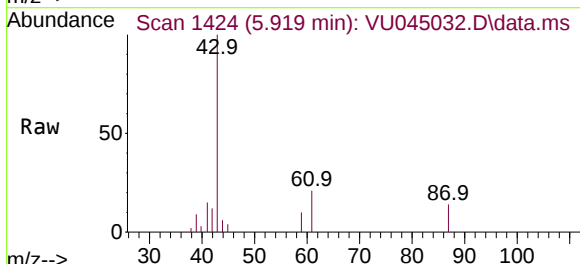
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

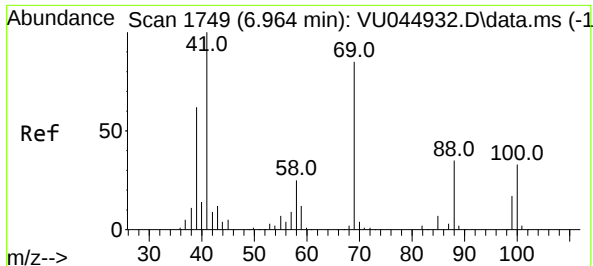
Tgt Ion:	41	Resp:	552
Ion	Ratio	Lower	Upper
41	100		
39	23.0	44.4	66.6#
67	0.0	58.1	87.1#
52	0.0	23.8	35.8#



#43
Isopropyl Acetate
Concen: 2.015 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion:	43	Resp:	14922
Ion	Ratio	Lower	Upper
43	100		
61	18.9	16.1	24.1
87	13.6	10.3	15.5

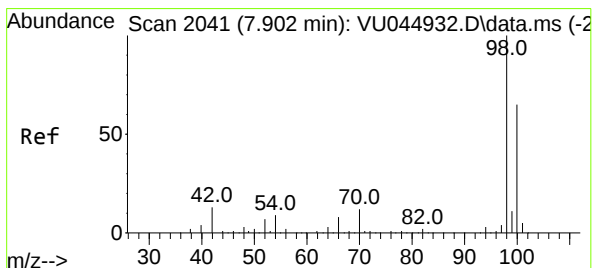
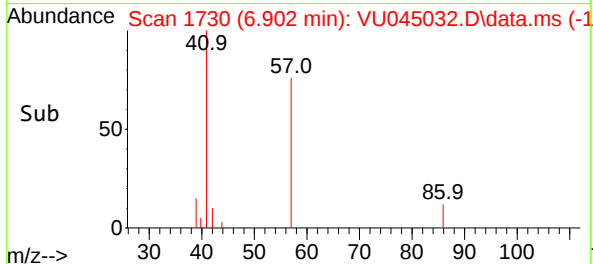
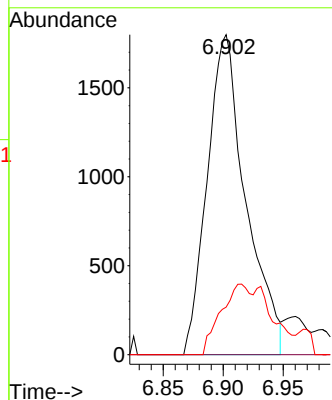
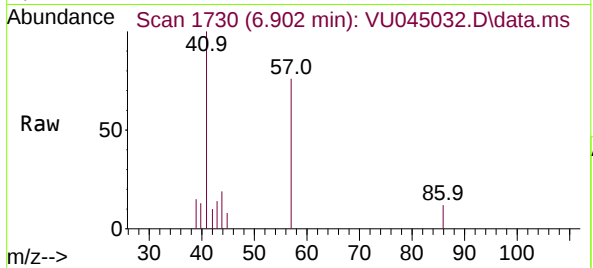




#48
Methyl methacrylate
Concen: 1.118 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.062 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

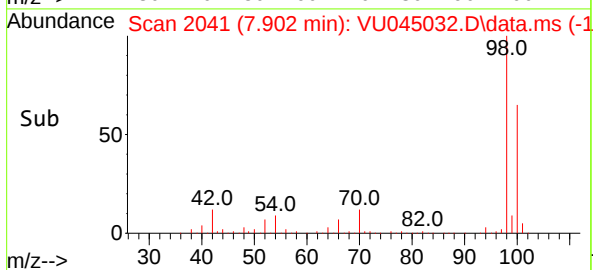
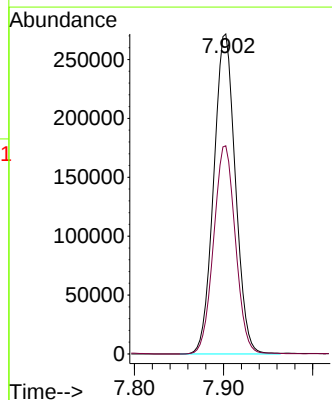
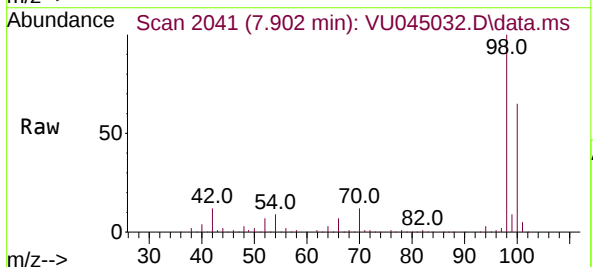
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

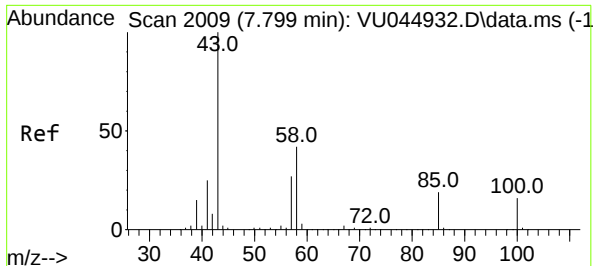
Tgt Ion: 41 Resp: 4029
Ion Ratio Lower Upper
41 100
69 0.0 65.6 98.4#
39 17.6 46.2 69.4#



#50
Toluene-d8
Concen: 51.782 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 98 Resp: 459123
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

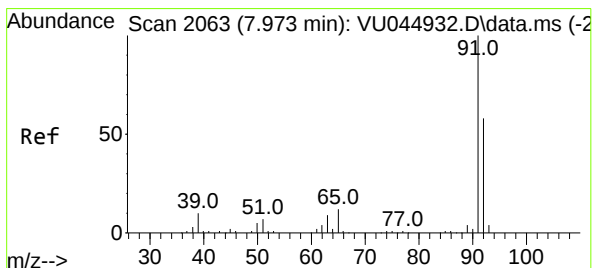
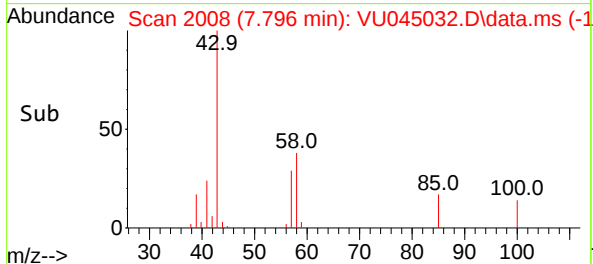
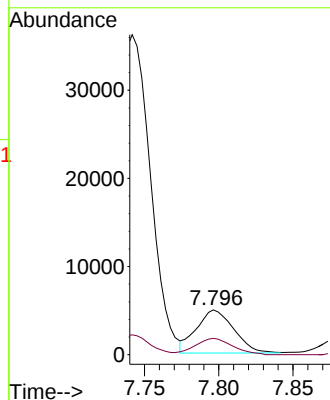
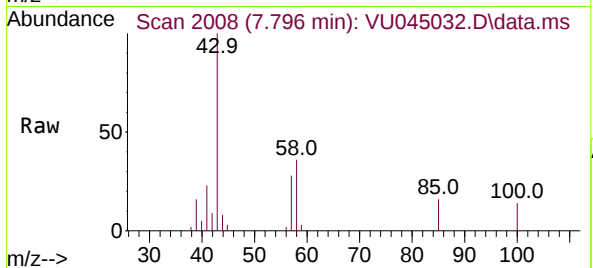




#51
4-Methyl-2-Pentanone
Concen: 1.592 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

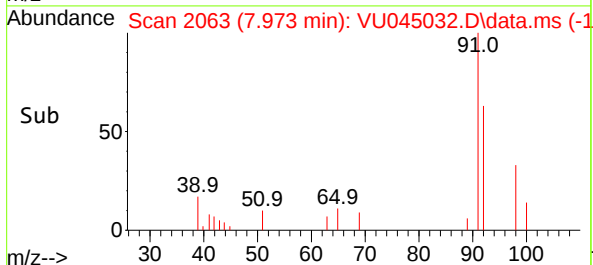
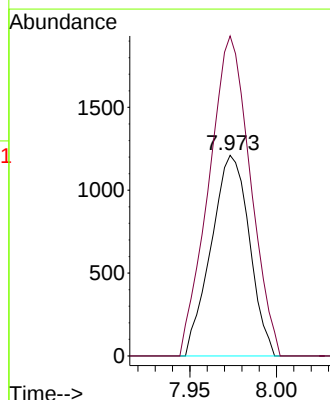
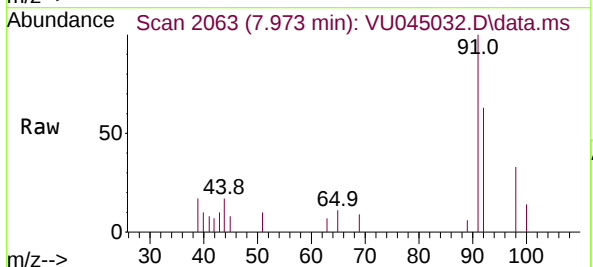
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

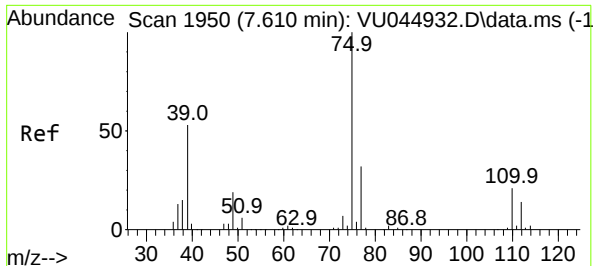
Tgt Ion: 43 Resp: 8583
Ion Ratio Lower Upper
43 100
58 37.4 32.4 48.6



#52
Toluene
Concen: 0.268 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 92 Resp: 1858
Ion Ratio Lower Upper
92 100
91 172.8 136.9 205.3

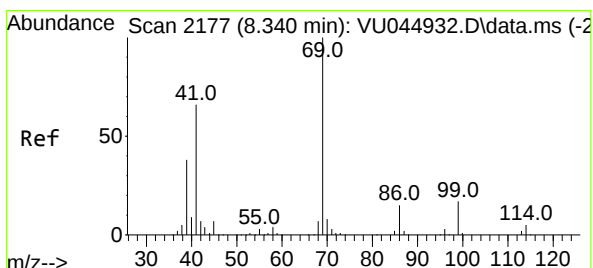
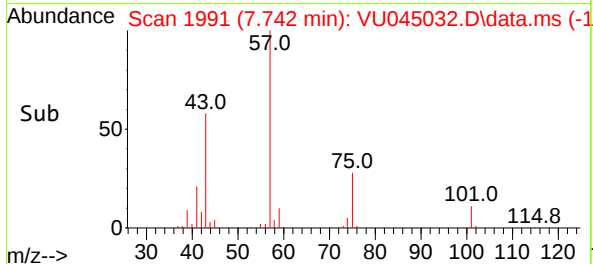
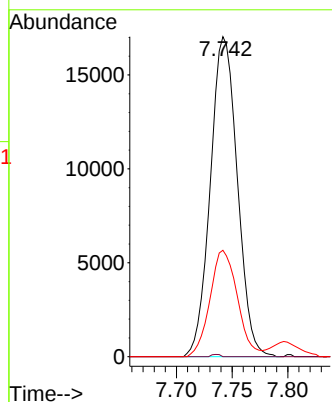
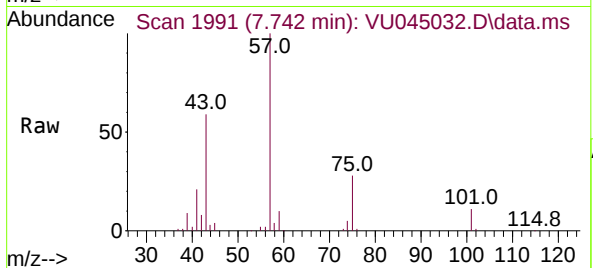




#54
 cis-1,3-Dichloropropene
 Concen: 6.277 ug/l
 RT: 7.742 min Scan# 1991
 Delta R.T. 0.132 min
 Lab File: VU045032.D
 Acq: 30 Sep 2021 07:23

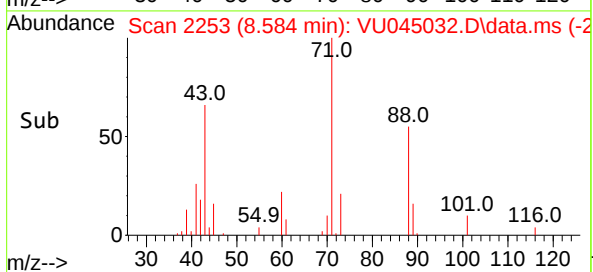
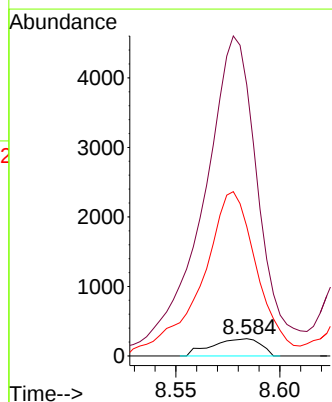
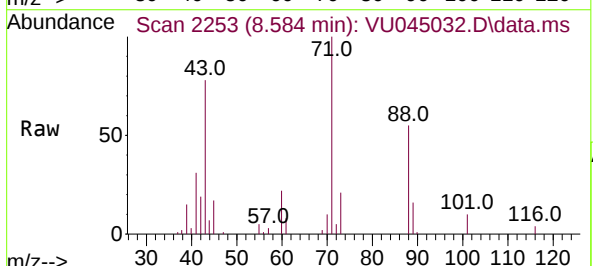
Instrument :
 MSVOA_U
 ClientSampleId :
 KEARNY-COMP

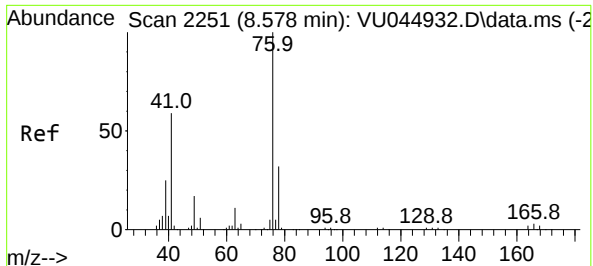
Tgt Ion: 75 Resp: 28726
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 33.3 41.4 62.2#



#56
 Ethyl methacrylate
 Concen: 1.891 ug/l
 RT: 8.584 min Scan# 2253
 Delta R.T. 0.244 min
 Lab File: VU045032.D
 Acq: 30 Sep 2021 07:23

Tgt Ion: 69 Resp: 406
 Ion Ratio Lower Upper
 69 100
 41 2007.4 53.5 80.3#
 39 1091.1 31.1 46.7#



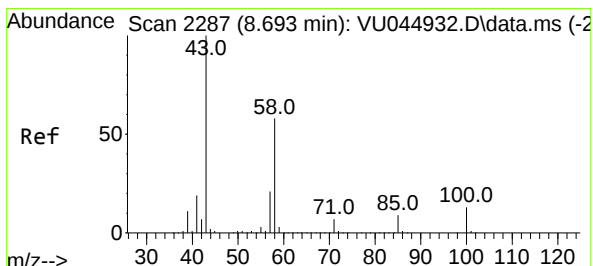
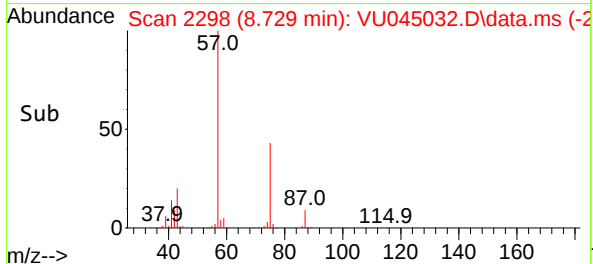
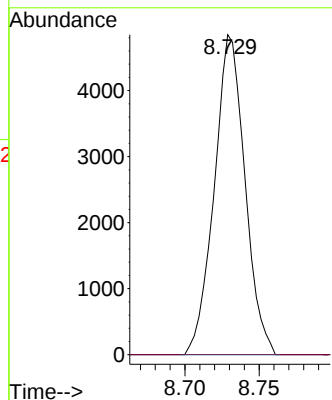
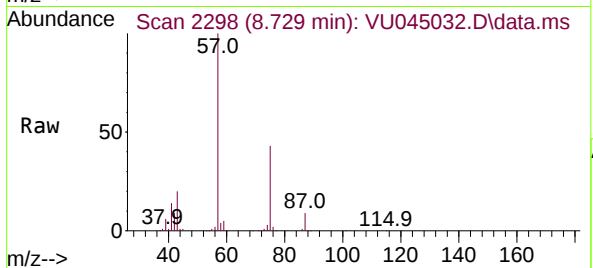


#57

1,3-Dichloropropane
Concen: 1.351 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.151 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

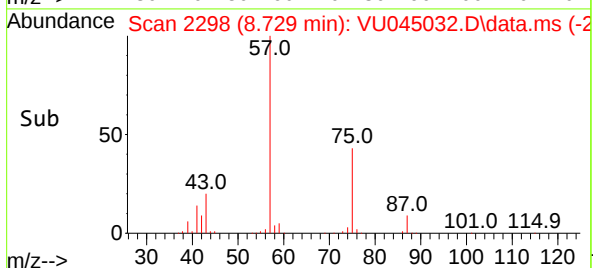
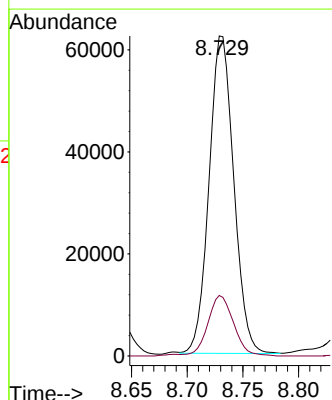
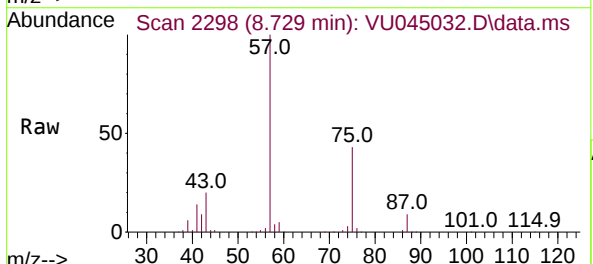
Tgt Ion: 76 Resp: 6968
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

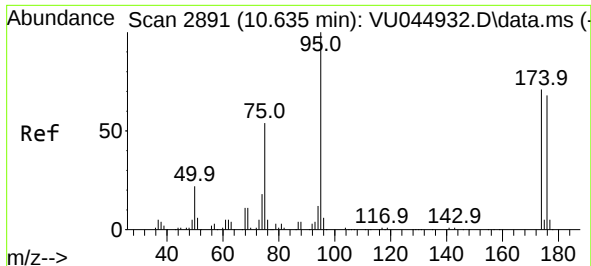


#59

2-Hexanone
Concen: 21.900 ug/l
RT: 8.729 min Scan# 2298
Delta R.T. 0.036 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 43 Resp: 96142
Ion Ratio Lower Upper
43 100
58 20.2 28.0 84.0#

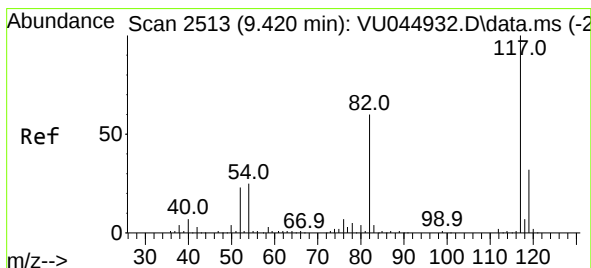
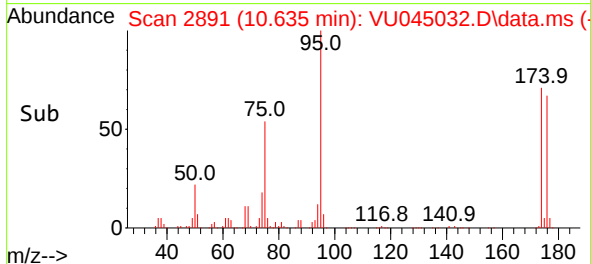
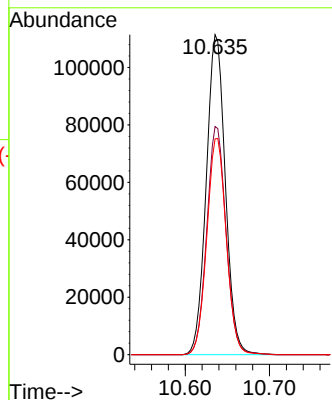
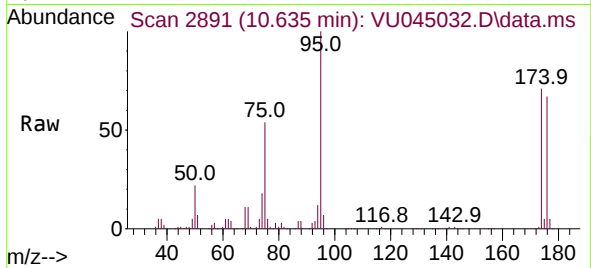




#62
4-Bromofluorobenzene
Concen: 48.013 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

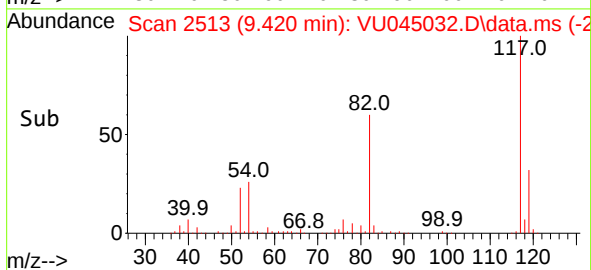
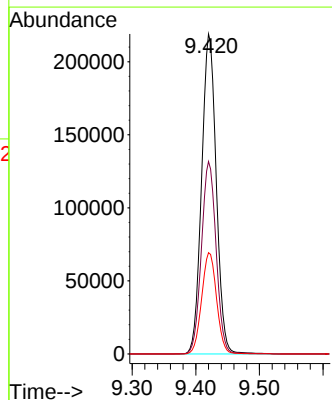
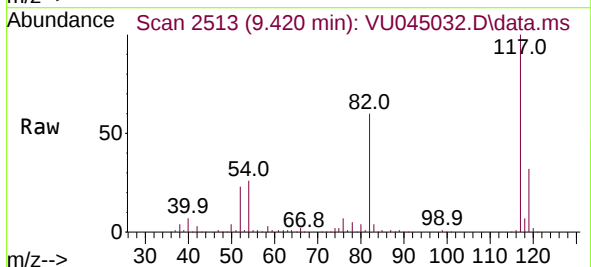
Instrument :
MSVOA_U
ClientSampleId :
KEARNY-COMP

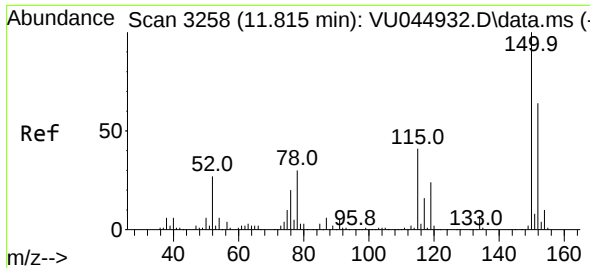
Tgt Ion: 95 Resp: 175753
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.6
176 68.8 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045032.D
Acq: 30 Sep 2021 07:23

Tgt Ion: 117 Resp: 350264
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.8
119 31.7 25.8 38.6

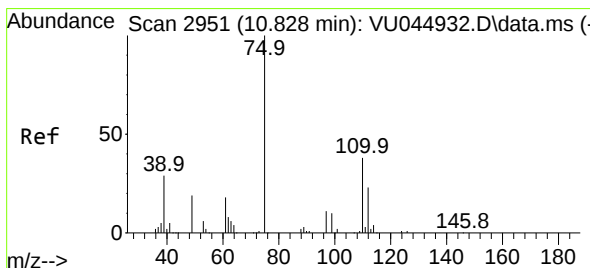
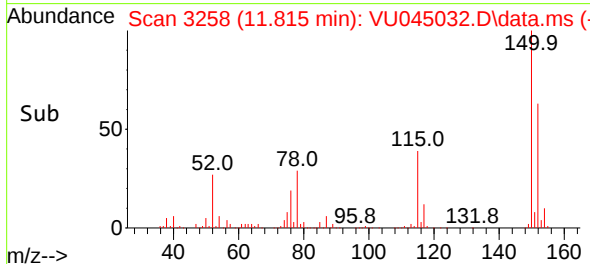
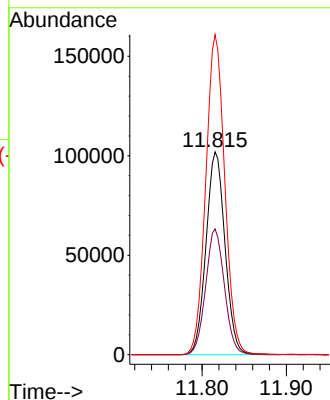
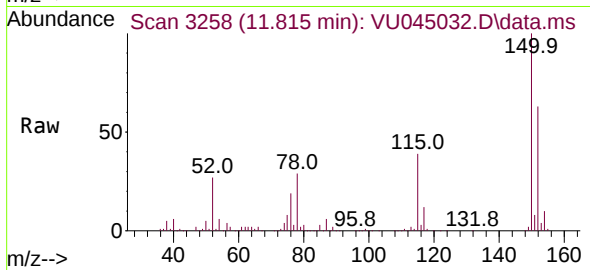




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU045032.D
 Acq: 30 Sep 2021 07:23

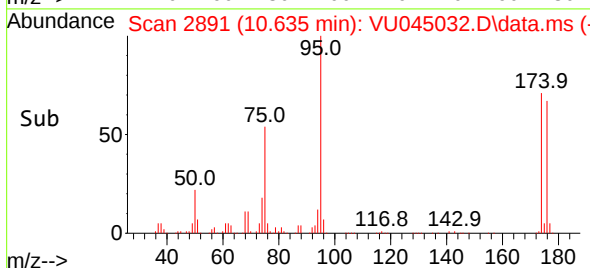
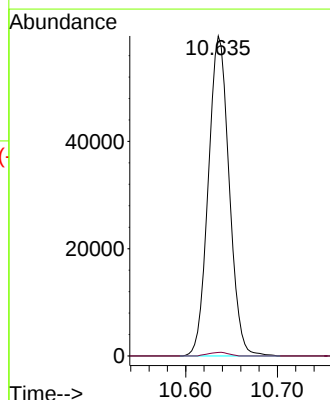
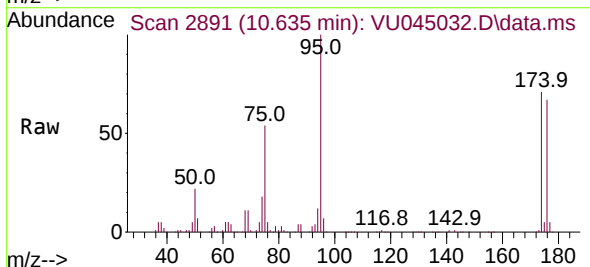
Instrument :
 MSVOA_U
 ClientSampleId :
 KEARNY-COMP

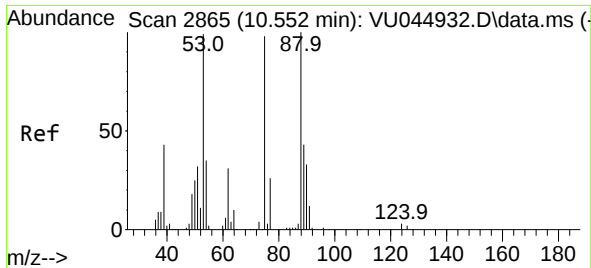
Tgt Ion:152 Resp: 160120
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.5 130.7
 150 157.8 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.185 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045032.D
 Acq: 30 Sep 2021 07:23

Tgt Ion: 75 Resp: 94272
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.017 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. 0.083 min
 Lab File: VU045032.D
 Acq: 30 Sep 2021 07:23

Instrument :
 MSVOA_U
 ClientSampleId :
 KEARNY-COMP

Tgt Ion: 75 Resp: 94272
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

