

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043587.D
 Acq On : 06 May 2021 16:46
 Operator : SY/MD
 Sample : M2313-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 210505078-02-VOA

Quant Time: May 07 02:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	123030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	209091	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	203067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	118768	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	5.298	113	78788	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	7.906	98	288900	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	10.639	95	104270	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	497	0.53	ug/l #	84
8) Diethyl Ether	2.378	74	1995	2.08	ug/l	89
11) Tert butyl alcohol	3.182	59	1738377	2601.57	ug/l	99
13) Acrolein	2.629	56	237	6.82	ug/l #	1
14) Allyl chloride	2.890	41	19153	5.37	ug/l #	30
15) Acrylonitrile	3.186	53	17819	14.69	ug/l #	21
16) Acetone	2.626	43	776212	561.49	ug/l	100
17) Carbon Disulfide	2.800	76	6606	1.46	ug/l	97
18) Methyl Acetate	2.758	43	91905	29.08	ug/l #	58
19) Methyl tert-butyl Ether	3.372	73	4623	0.94	ug/l	99
23) Vinyl Acetate	3.964	43	21	9.96	ug/l #	78
25) 2-Butanone	4.706	43	746534	350.27	ug/l	99
26) 2,2-Dichloropropane	4.639	77	62884	26.37	ug/l #	54
27) cis-1,2-Dichloroethene	4.674	96	389	0.22	ug/l #	6
28) Bromochloromethane	4.983	49	747	0.42	ug/l #	22
29) Tetrahydrofuran	5.054	42	546259	451.34	ug/l	99
31) Cyclohexane	5.385	56	3382	1.14	ug/l #	5
36) 1,1-Dichloropropene	5.382	75	12263	5.17	ug/l #	47
37) Ethyl Acetate	4.706	43	746534	185.68	ug/l #	72
38) Carbon Tetrachloride	5.382	117	13298	5.53	ug/l #	17
40) Benzene	5.780	78	8111	1.14	ug/l	95
41) Methacrylonitrile	4.980	41	38525	17.81	ug/l #	51
42) 1,2-Dichloroethane	5.800	62	883	0.28	ug/l #	80
43) Isopropyl Acetate	5.976	43	1644	0.28	ug/l #	66
49) 1,4-Dioxane	6.970	88	2237	88.11	ug/l #	95
51) 4-Methyl-2-Pentanone	7.787	43	13781	21.82	ug/l #	73
52) Toluene	7.976	92	5082	1.24	ug/l	95
53) t-1,3-Dichloropropene	8.214	75	325	2.34	ug/l	89
55) 1,1,2-Trichloroethane	8.333	97	366	0.20	ug/l #	13
56) Ethyl methacrylate	8.234	69	625	4.39	ug/l #	1
59) 2-Hexanone	8.687	43	1998	21.18	ug/l	98
65) Chlorobenzene	9.452	112	1515	0.34	ug/l #	65
67) Ethyl Benzene	9.578	91	24969	4.16	ug/l	99
68) m/p-Xylenes	9.700	106	9574	5.19	ug/l	97
69) o-Xylene	10.108	106	4883	3.34	ug/l	91
70) Styrene	10.118	104	1395	2.92	ug/l #	50

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 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

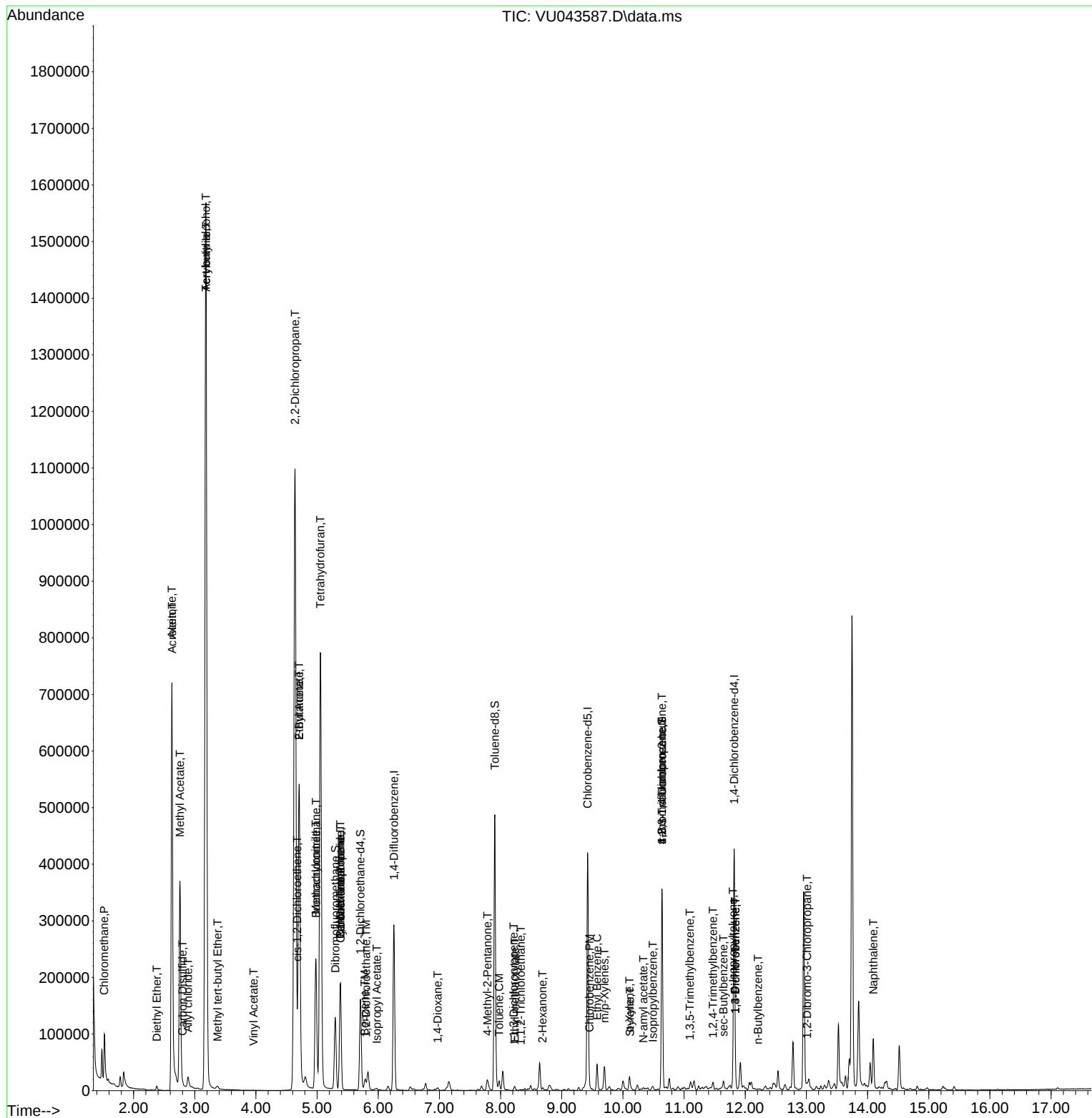
73) Isopropylbenzene	10.491	105	2026	0.29	ug/l	97
74) N-amyl acetate	10.333	43	160	2.55	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	60905	19.80	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.095	105	1862	1.01	ug/l	89
81) trans-1,4-Dichloro-2-b...	10.639	75	60905	64.47	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.475	105	5990	2.00	ug/l	99
85) sec-Butylbenzene	11.645	105	191	1.36	ug/l #	59
86) p-Isopropyltoluene	11.799	119	8247	2.65	ug/l	89
87) 1,3-Dichlorobenzene	11.841	146	3083	0.91	ug/l	81
88) 1,4-Dichlorobenzene	11.841	146	3083	0.88	ug/l	78
89) n-Butylbenzene	12.208	91	245	2.56	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	13.012	75	227	0.28	ug/l #	7
95) Naphthalene	14.095	128	58152	8.39	ug/l	99

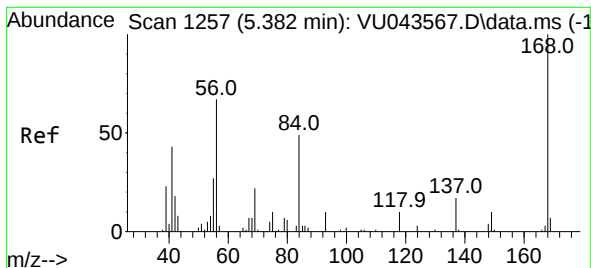
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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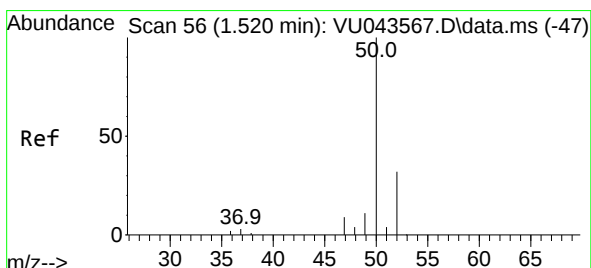
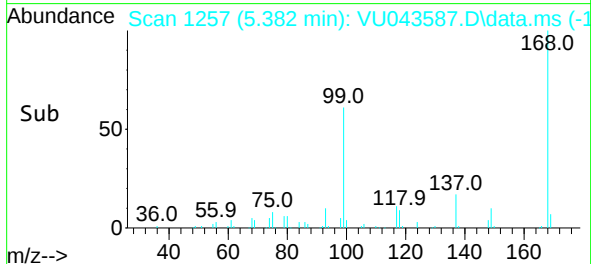
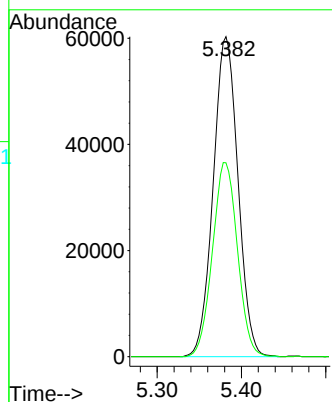
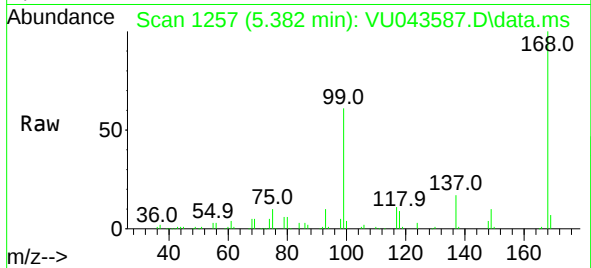




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

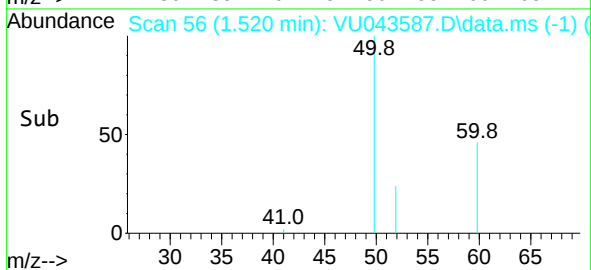
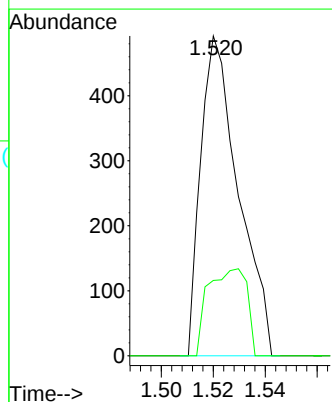
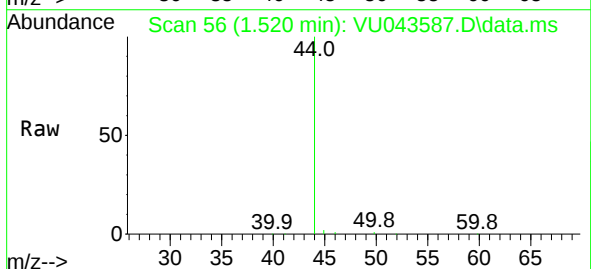
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

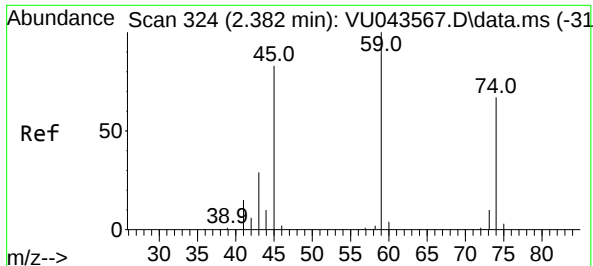
Tgt Ion:168 Resp: 123030
Ion Ratio Lower Upper
168 100
99 60.6 49.0 73.6



#3
Chloromethane
Concen: 0.53 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

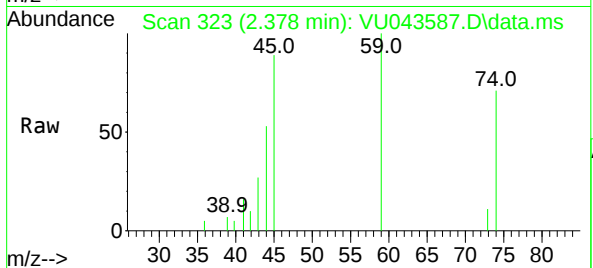
Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 23.6 25.9 38.9#



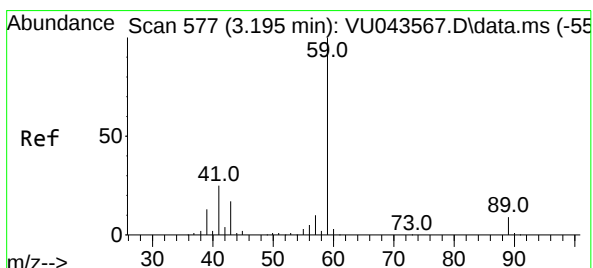
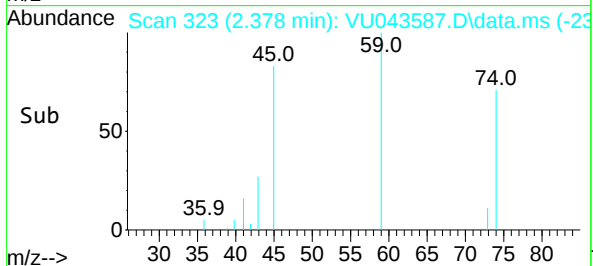
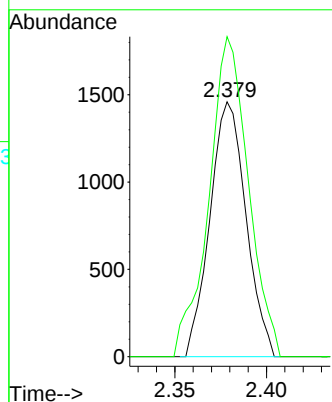


#8
Diethyl Ether
Concen: 2.08 ug/l
RT: 2.378 min Scan# 323
Delta R.T. -0.003 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

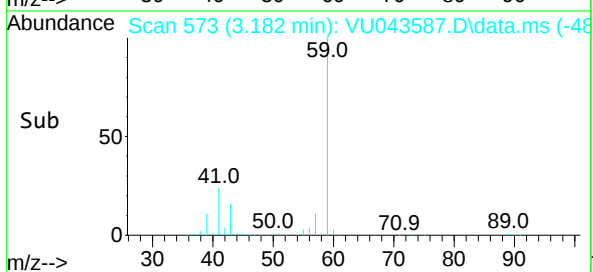
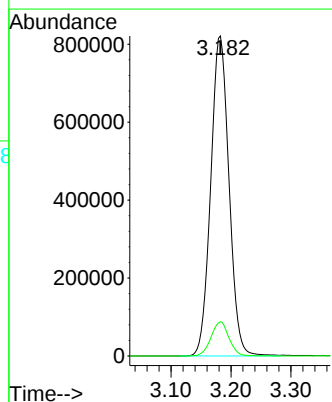
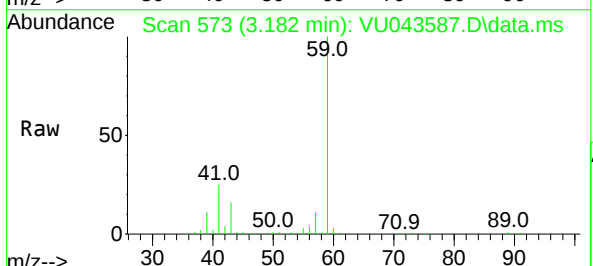


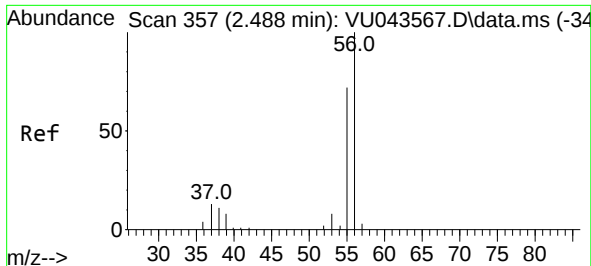
Tgt Ion: 74 Resp: 1995
Ion Ratio Lower Upper
74 100
45 137.2 62.6 187.8



#11
Tert butyl alcohol
Concen: 2601.57 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.013 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 59 Resp: 1738377
Ion Ratio Lower Upper
59 100
57 10.5 8.0 12.0

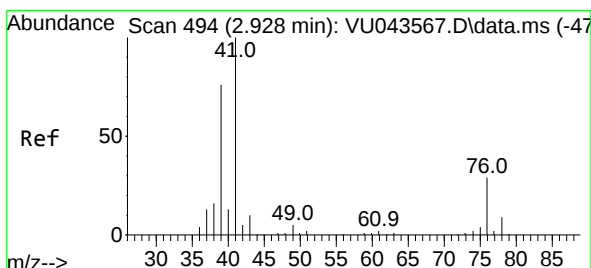
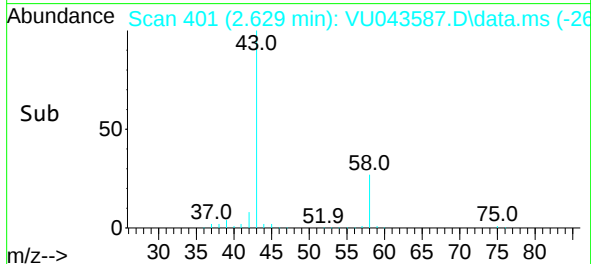
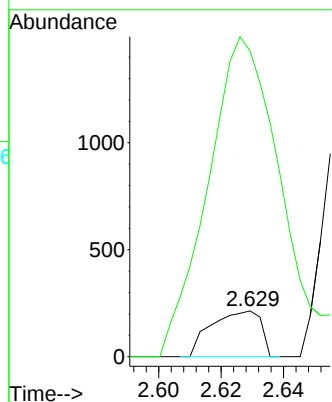
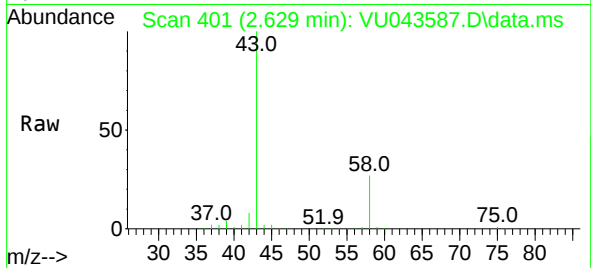




#13
Acrolein
Concen: 6.82 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.141 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

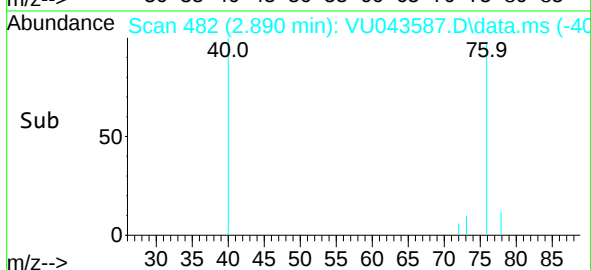
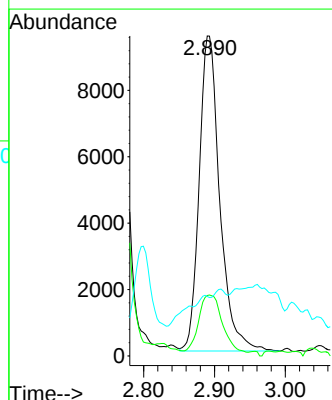
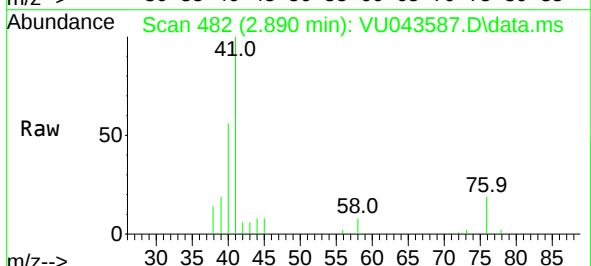
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

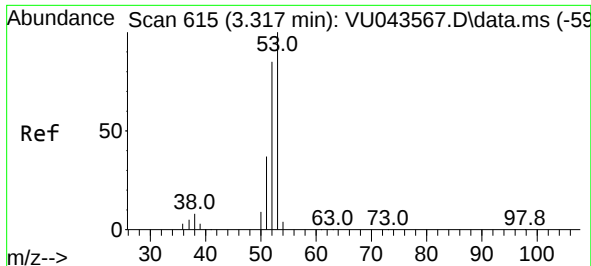
Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
55 1018.6 56.9 85.3#



#14
Allyl chloride
Concen: 5.37 ug/l
RT: 2.890 min Scan# 482
Delta R.T. -0.039 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 41 Resp: 19153
Ion Ratio Lower Upper
41 100
39 0.0 54.5 81.7#
76 8.9 19.9 29.9#





#15

Acrylonitrile

Concen: 14.69 ug/l

RT: 3.186 min Scan# 574

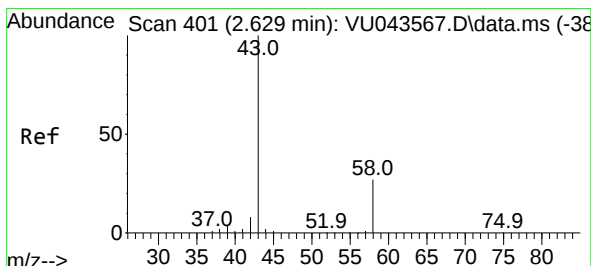
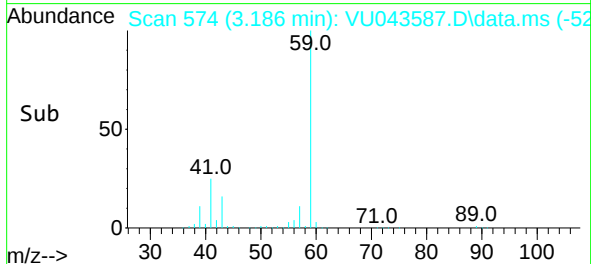
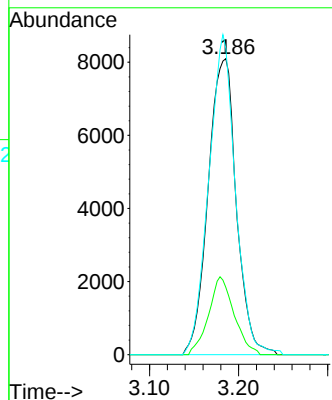
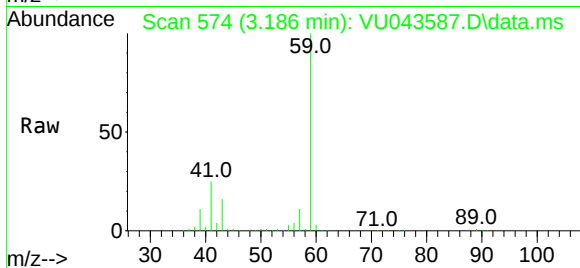
Delta R.T. -0.132 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

Instrument :
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ClientSampleId :
210505078-02-VOA

Tgt Ion:	53	Resp:	17819
Ion	Ratio	Lower	Upper
53	100		
52	23.7	67.4	101.2#
51	102.0	30.0	45.0#



#16

Acetone

Concen: 561.49 ug/l

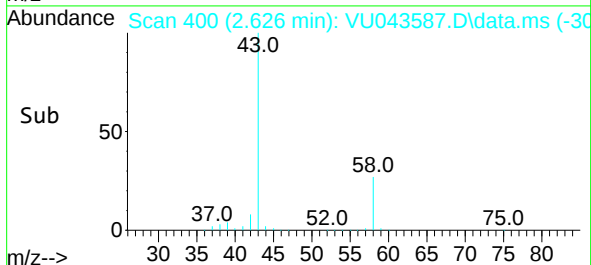
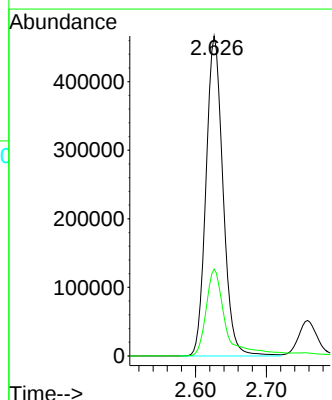
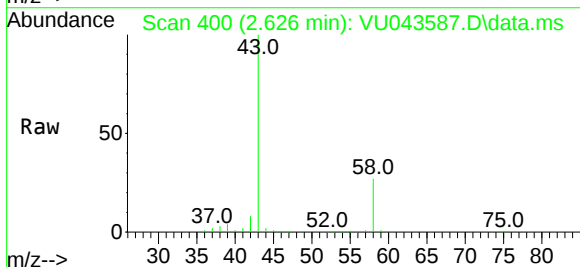
RT: 2.626 min Scan# 400

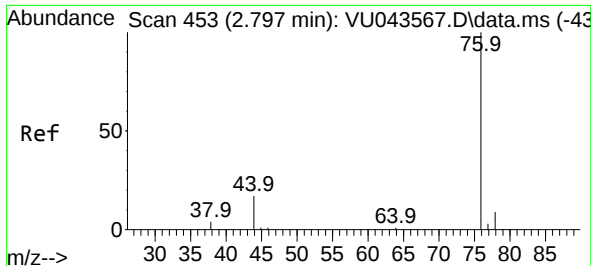
Delta R.T. -0.003 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

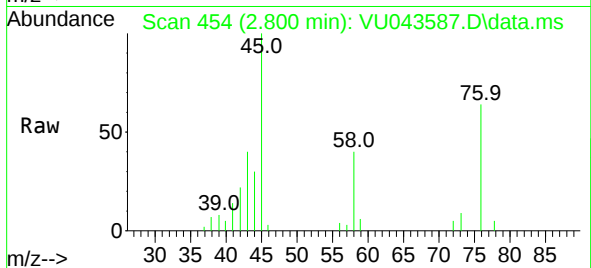
Tgt Ion:	43	Resp:	776212
Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.7	32.5



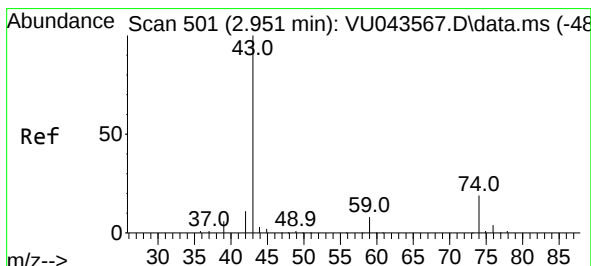
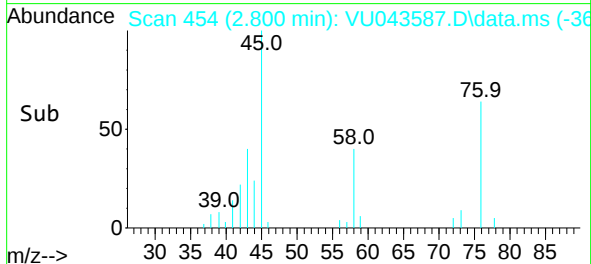
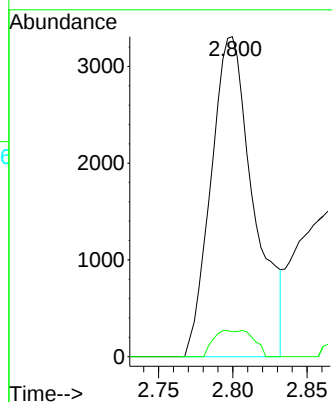


#17
Carbon Disulfide
Concen: 1.46 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Instrument :
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ClientSampleId :
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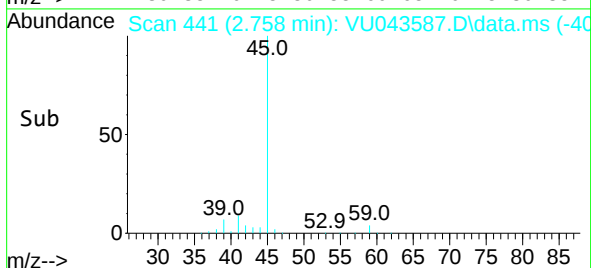
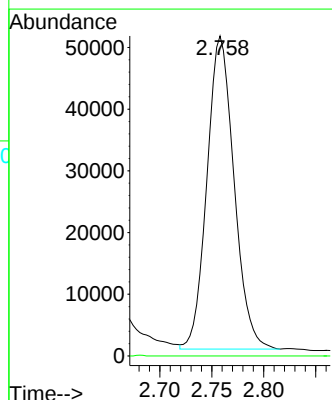
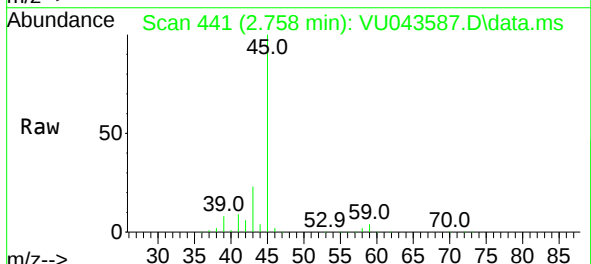


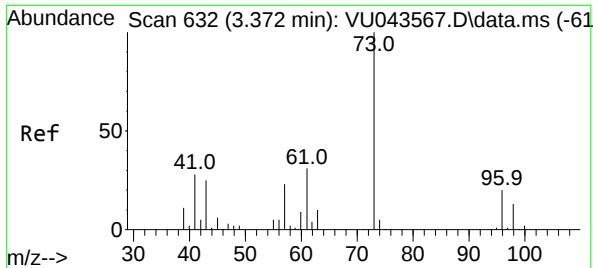
Tgt Ion: 76 Resp: 6606
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6



#18
Methyl Acetate
Concen: 29.08 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 43 Resp: 91905
Ion Ratio Lower Upper
43 100
74 0.0 15.3 22.9#



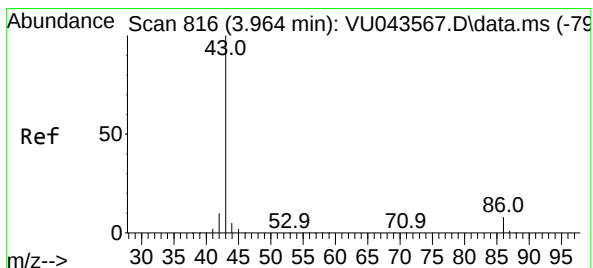
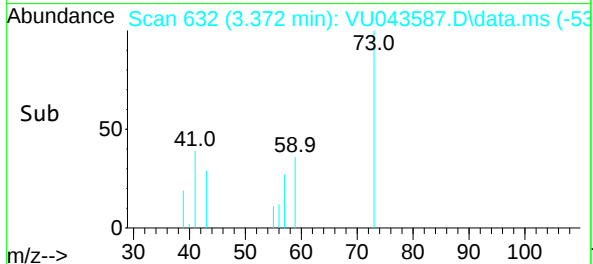
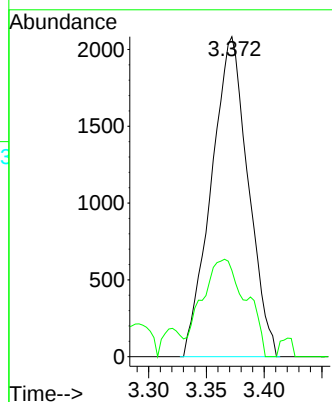
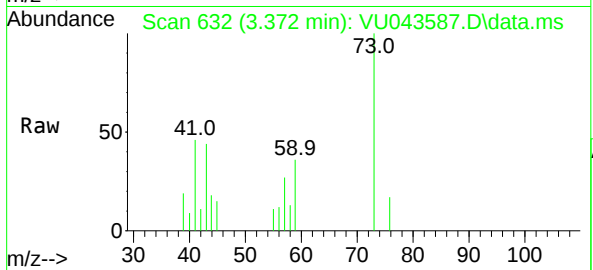


#19

Methyl tert-butyl Ether
Concen: 0.94 ug/l
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Instrument :
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ClientSampleId :
210505078-02-VOA

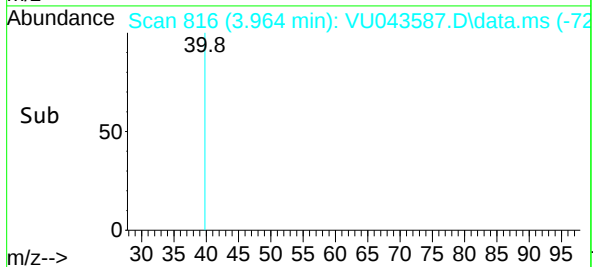
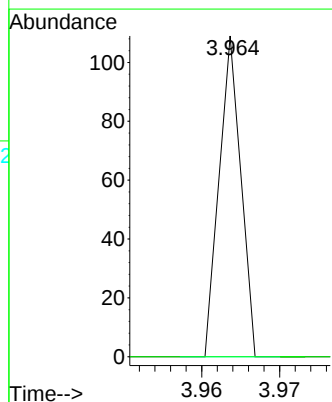
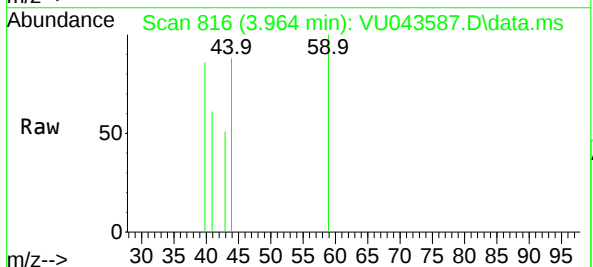
Tgt Ion: 73 Resp: 4623
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4

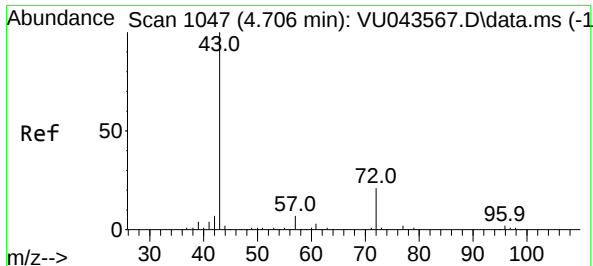


#23

Vinyl Acetate
Concen: 9.96 ug/l
RT: 3.964 min Scan# 816
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
86 0.0 6.2 9.2#

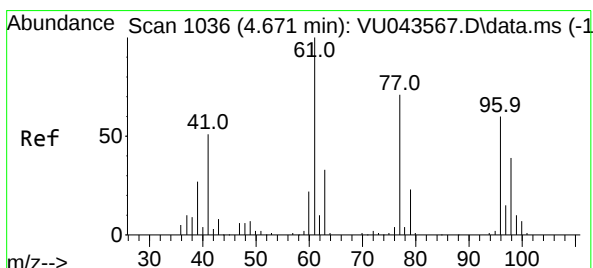
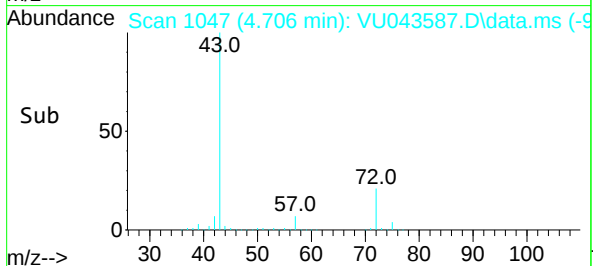
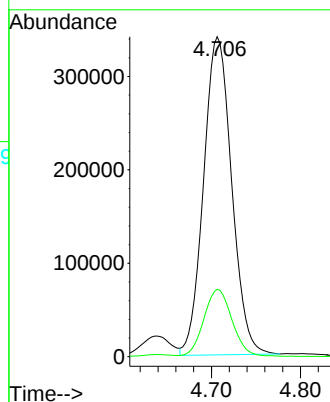
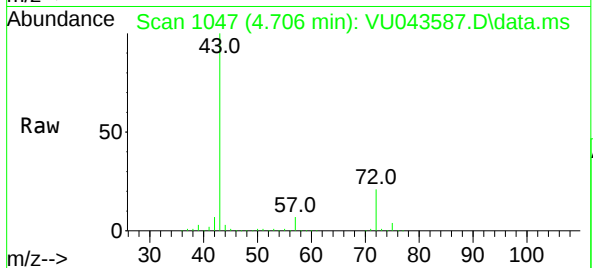




#25
2-Butanone
Concen: 350.27 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

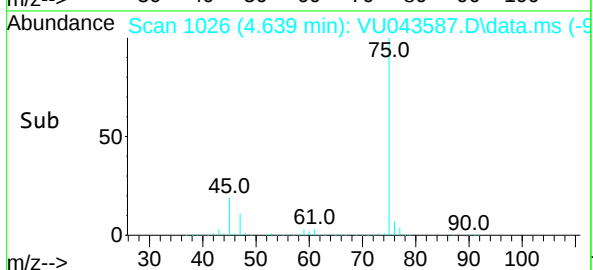
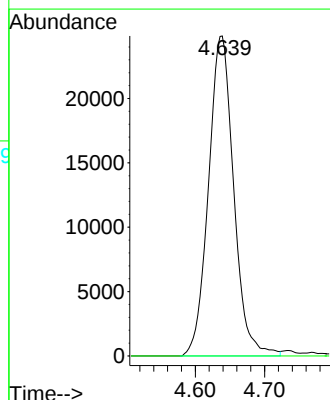
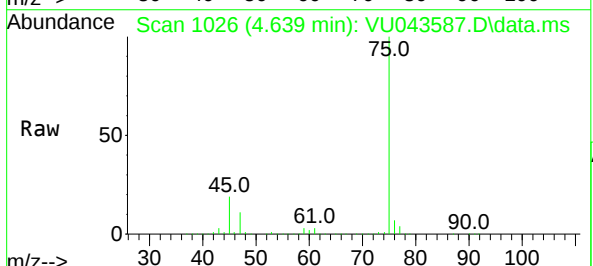
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

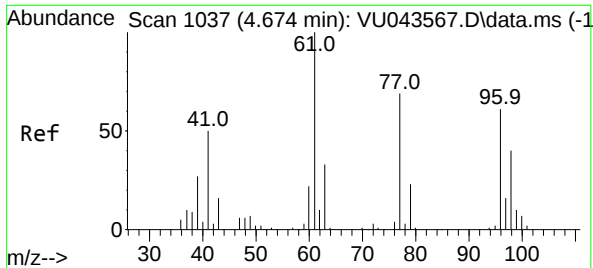
Tgt Ion: 43 Resp: 746534
Ion Ratio Lower Upper
43 100
72 21.1 16.5 24.7



#26
2,2-Dichloropropane
Concen: 26.37 ug/l
RT: 4.639 min Scan# 1026
Delta R.T. -0.032 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 77 Resp: 62884
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#

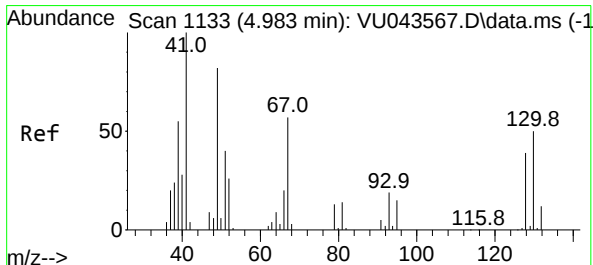
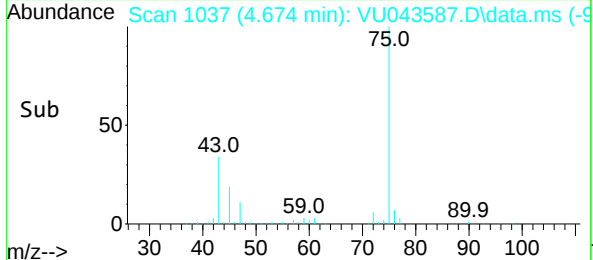
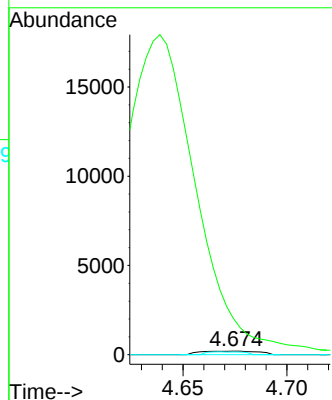
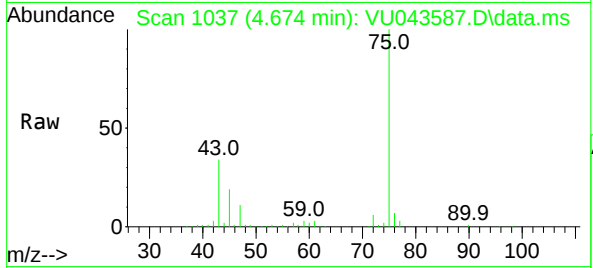




#27
 cis-1,2-Dichloroethene
 Concen: 0.22 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU043587.D
 Acq: 06 May 2021 16:46

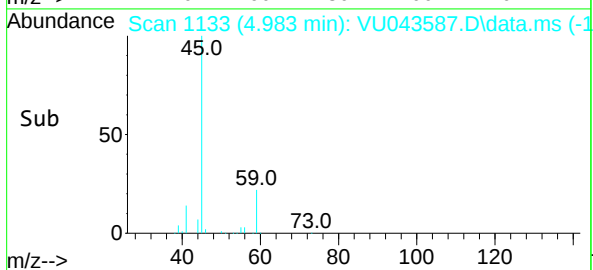
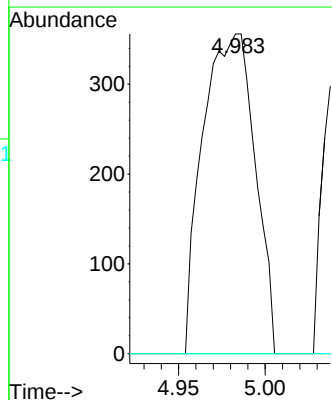
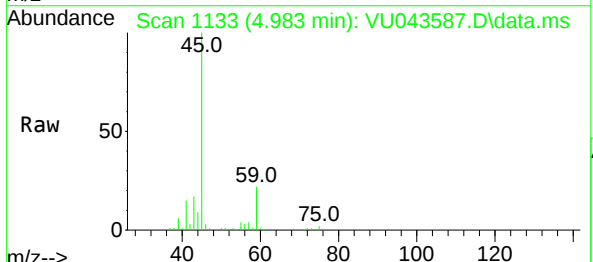
Instrument :
 MSVOA_U
 ClientSampleId :
 210505078-02-VOA

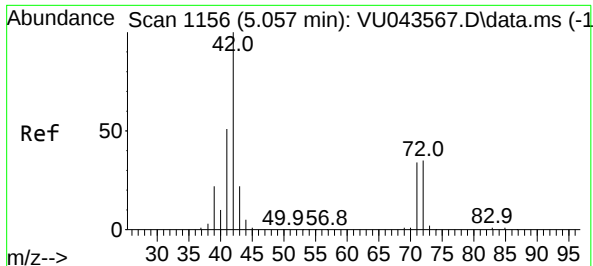
Tgt Ion:	96	Resp:	389
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	334.6
98	50.6	0.0	126.8



#28
 Bromochloromethane
 Concen: 0.42 ug/l
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU043587.D
 Acq: 06 May 2021 16:46

Tgt Ion:	49	Resp:	747
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.8
130	0.0	48.1	72.1#





#29

Tetrahydrofuran

Concen: 451.34 ug/l

RT: 5.054 min Scan# 1155

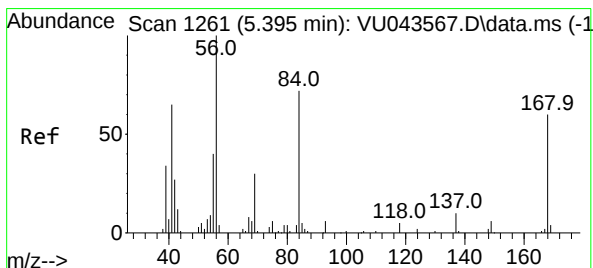
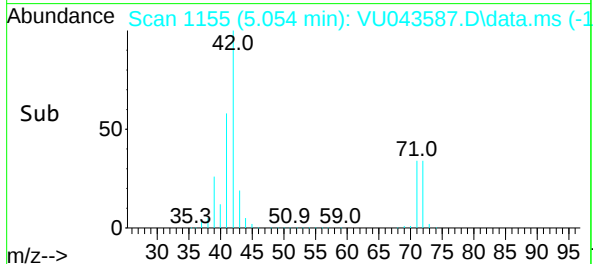
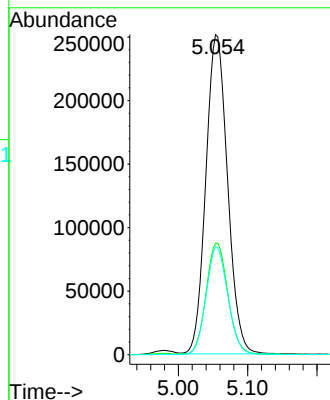
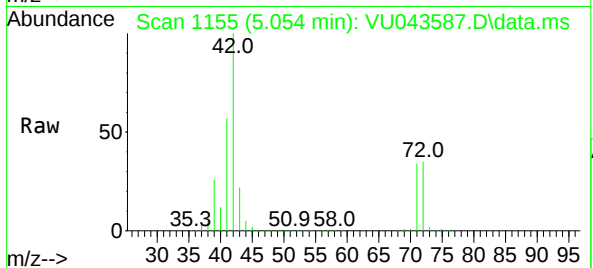
Delta R.T. -0.003 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

Tgt Ion:	42	Resp:	546259
Ion	Ratio	Lower	Upper
42	100		
72	35.0	28.5	42.7
71	33.8	27.4	41.2



#31

Cyclohexane

Concen: 1.14 ug/l

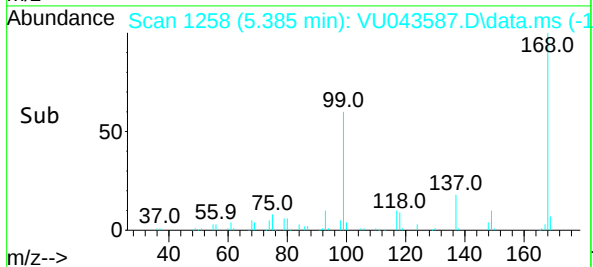
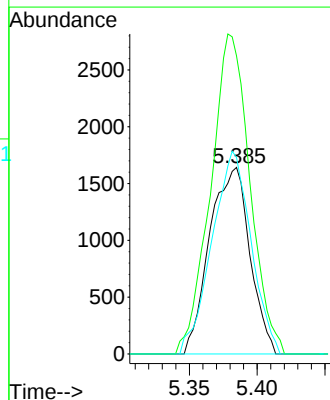
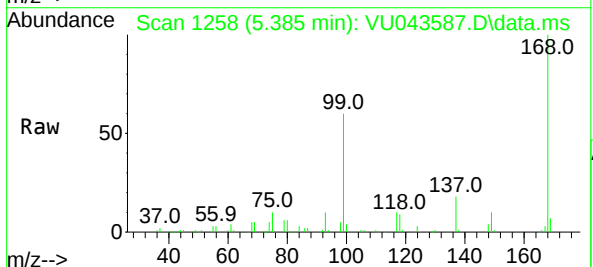
RT: 5.385 min Scan# 1258

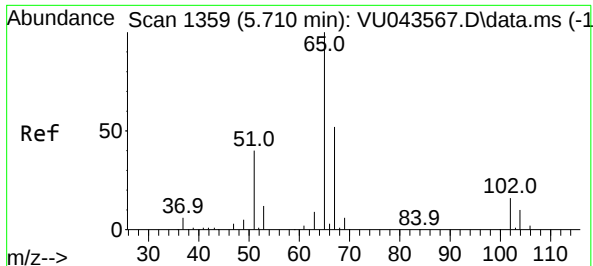
Delta R.T. -0.010 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

Tgt Ion:	56	Resp:	3382
Ion	Ratio	Lower	Upper
56	100		
69	153.0	23.9	35.9#
84	105.3	57.7	86.5#





#33

1,2-Dichloroethane-d4

Concen: 47.69 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

Tgt Ion: 65 Resp: 118768

Ion Ratio Lower Upper

65 100

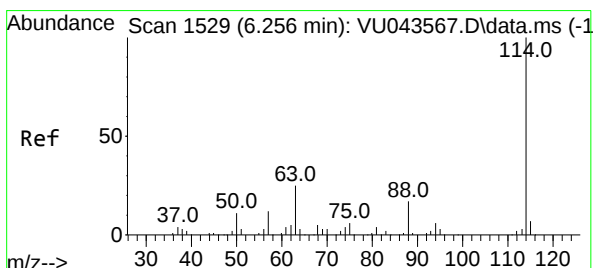
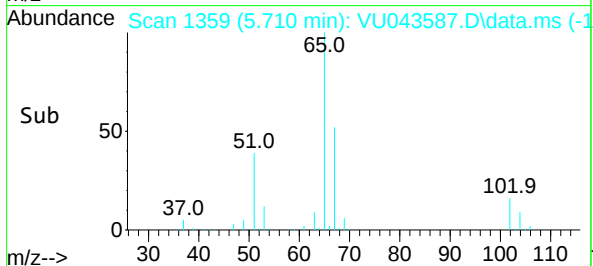
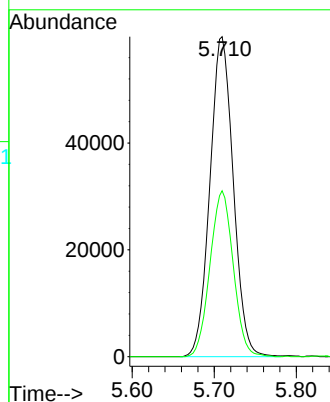
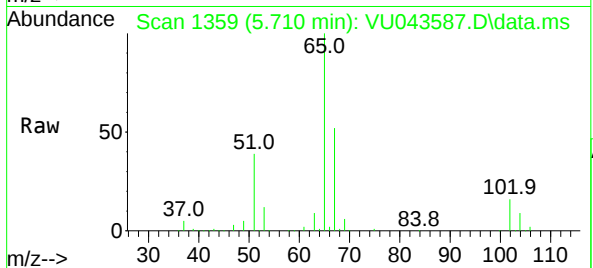
67 51.5 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :

210505078-02-VOA



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.000 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

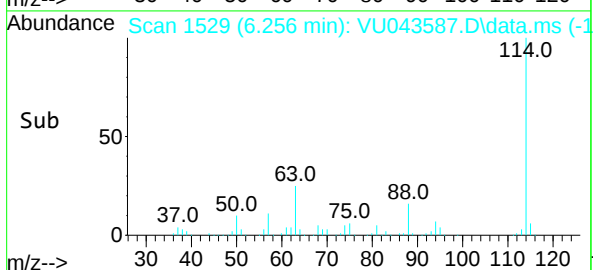
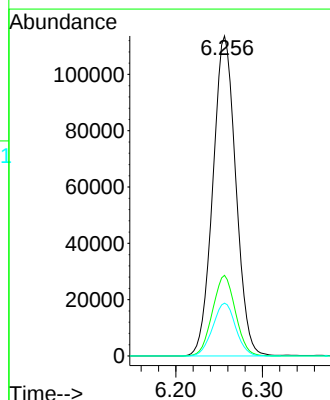
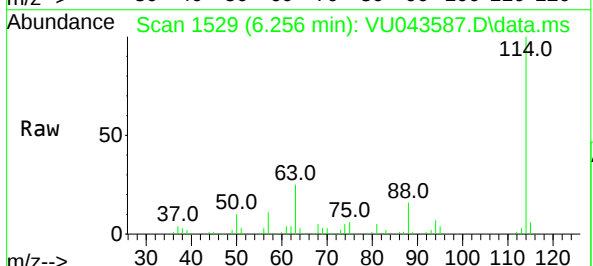
Tgt Ion: 114 Resp: 209091

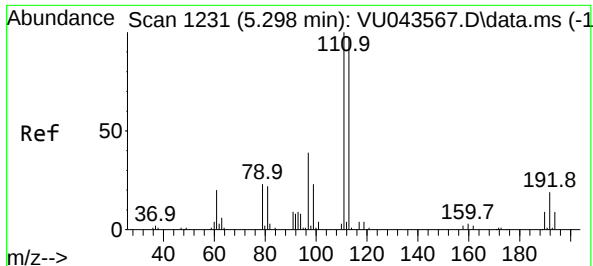
Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.2

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.25 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

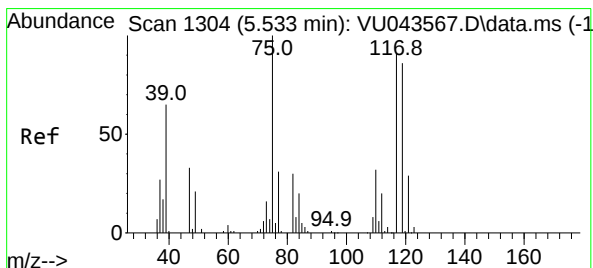
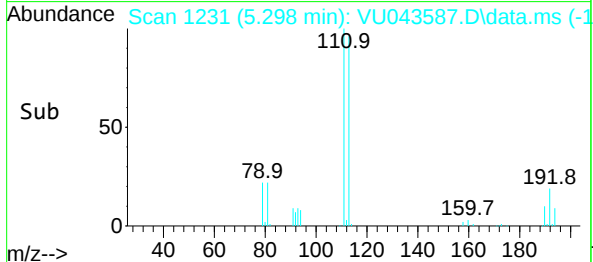
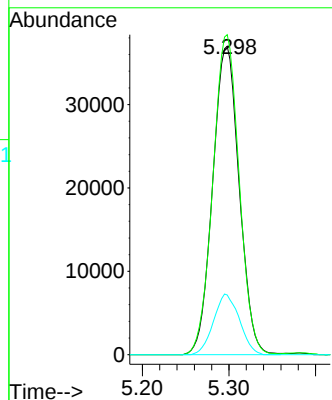
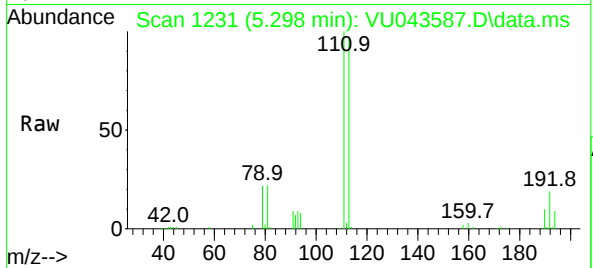
Tgt Ion:113 Resp: 78788

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 19.1 15.8 23.6



#36

1,1-Dichloropropene

Concen: 5.17 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

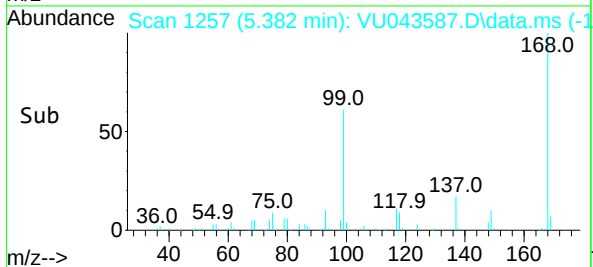
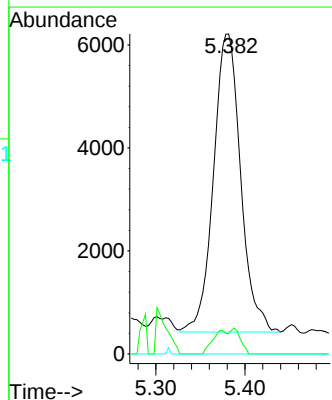
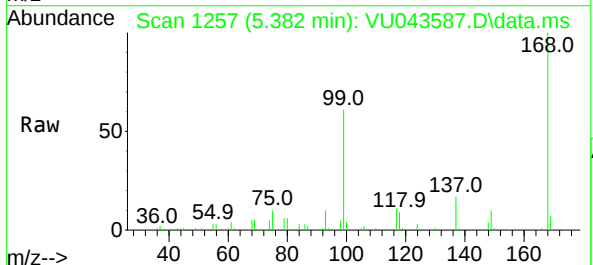
Tgt Ion: 75 Resp: 12263

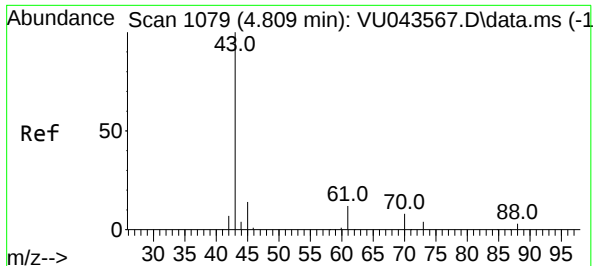
Ion Ratio Lower Upper

75 100

110 4.6 16.2 48.5#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 185.68 ug/l

RT: 4.706 min Scan# 1047

Delta R.T. -0.103 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

Tgt Ion: 43 Resp: 746534

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

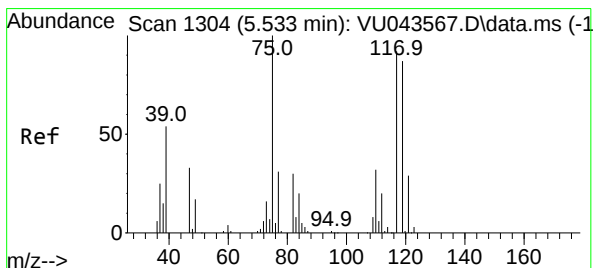
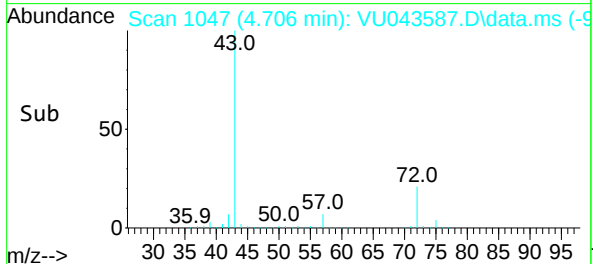
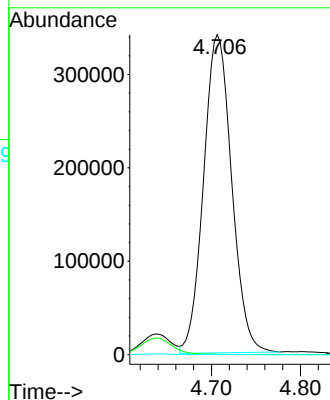
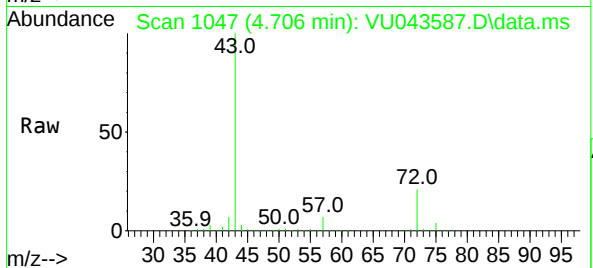
70 0.0 6.5 9.7#

Instrument :

MSVOA_U

ClientSampleId :

210505078-02-VOA



#38

Carbon Tetrachloride

Concen: 5.53 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

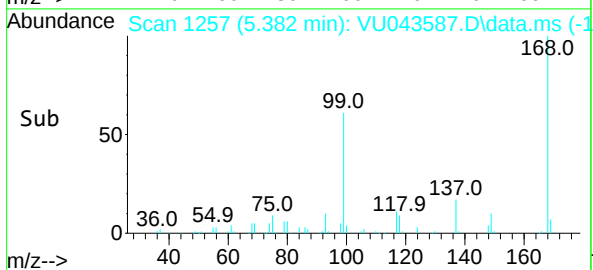
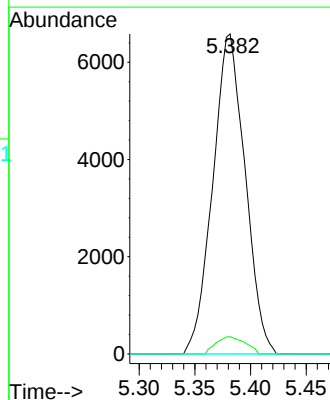
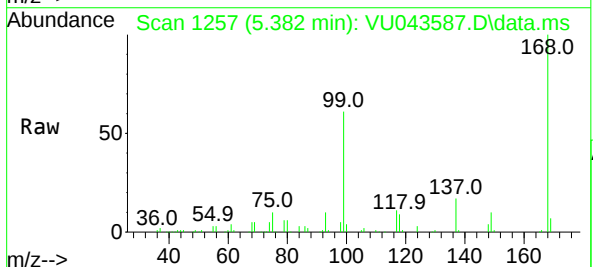
Tgt Ion: 117 Resp: 13298

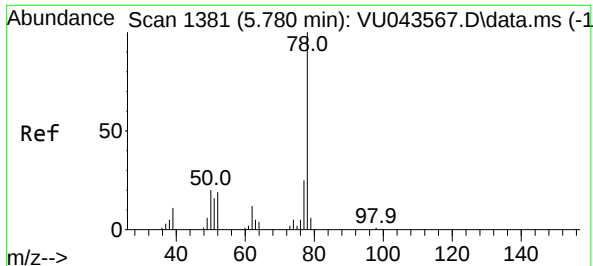
Ion Ratio Lower Upper

117 100

119 5.4 75.4 113.0#

121 0.0 25.2 37.8#

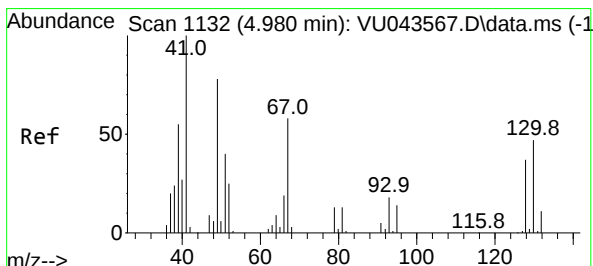
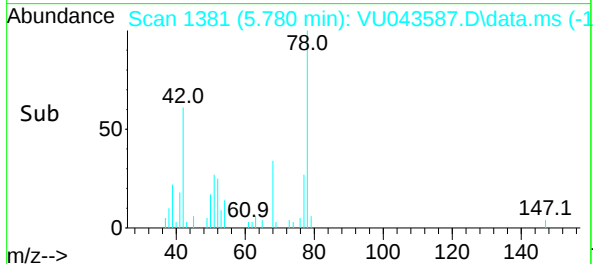
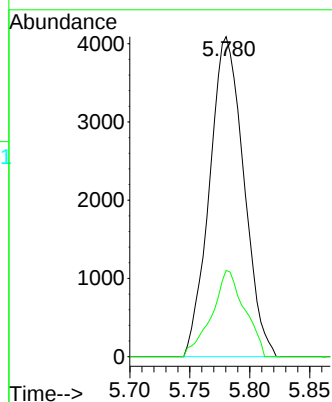
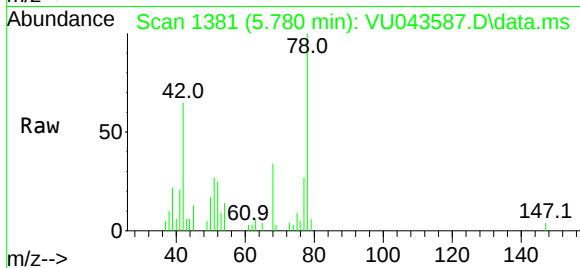




#40
Benzene
Concen: 1.14 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

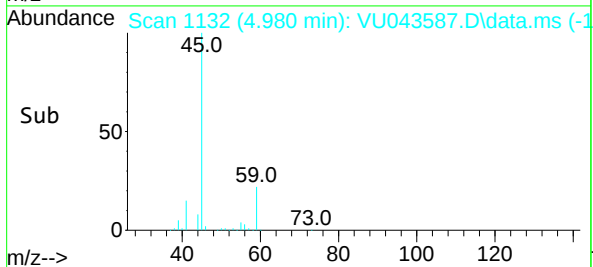
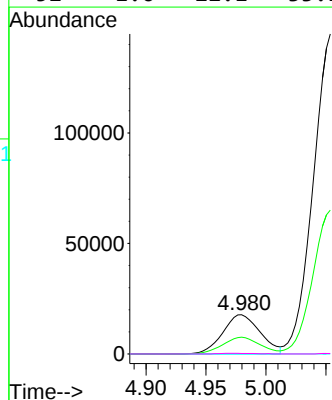
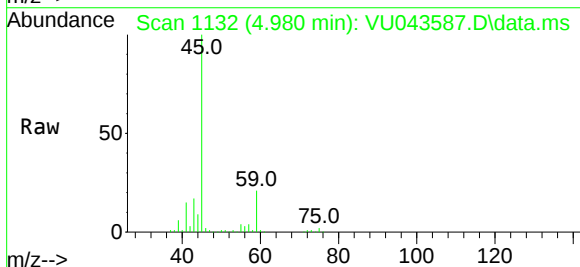
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

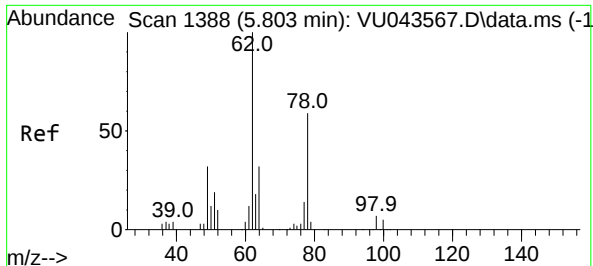
Tgt Ion: 78 Resp: 8111
Ion Ratio Lower Upper
78 100
77 26.9 19.7 29.5



#41
Methacrylonitrile
Concen: 17.81 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 41 Resp: 38525
Ion Ratio Lower Upper
41 100
39 43.0 45.8 68.6#
67 0.0 46.5 69.7#
52 1.6 22.1 33.1#





#42

1,2-Dichloroethane

Concen: 0.28 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VU043587.D

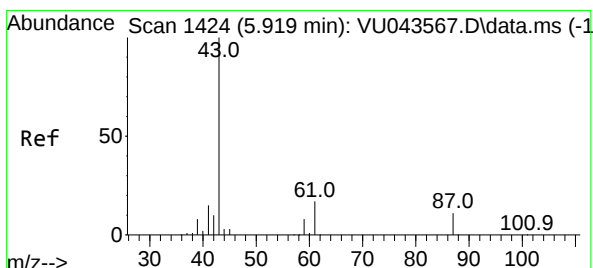
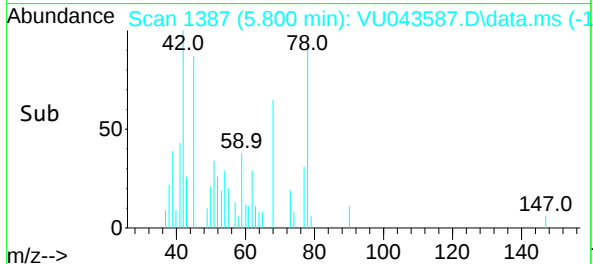
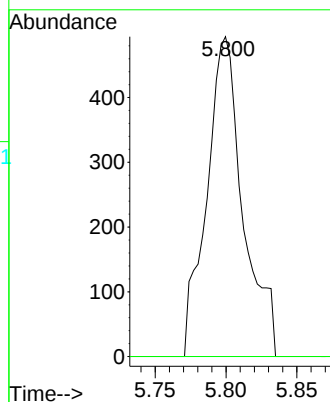
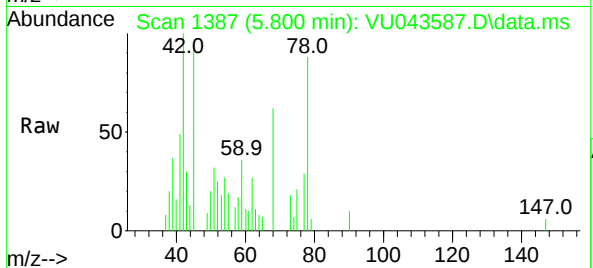
Acq: 06 May 2021 16:46

Tgt Ion: 62 Resp: 883

Ion Ratio Lower Upper

62 100

98 0.0 0.0 13.8



#43

Isopropyl Acetate

Concen: 0.28 ug/l

RT: 5.976 min Scan# 1442

Delta R.T. 0.058 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

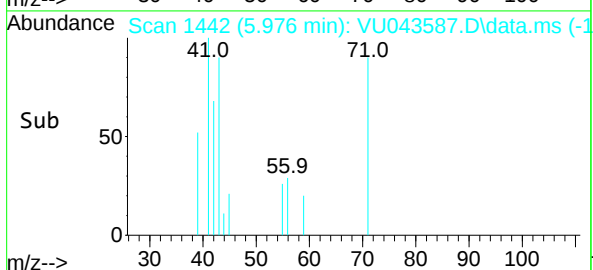
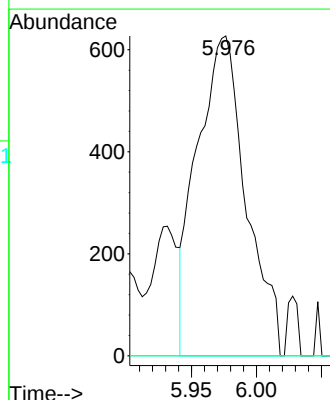
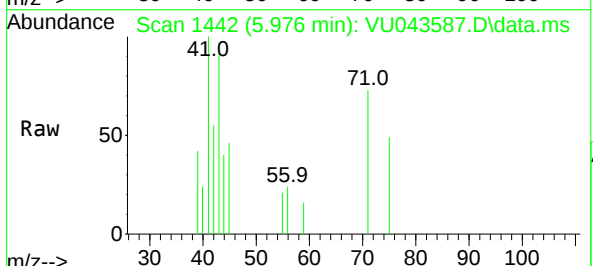
Tgt Ion: 43 Resp: 1644

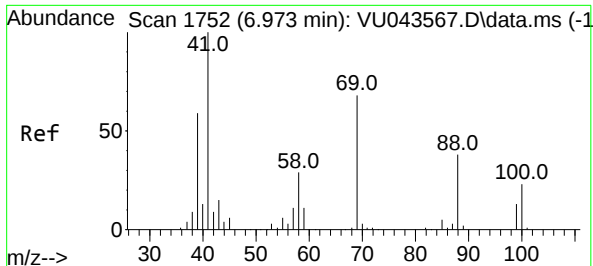
Ion Ratio Lower Upper

43 100

61 0.0 13.4 20.2#

87 0.0 8.0 12.0#





#49

1,4-Dioxane

Concen: 88.11 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. -0.003 min

Lab File: VU043587.D

Acq: 06 May 2021 16:46

Tgt Ion: 88 Resp: 2237

Ion Ratio Lower Upper

88 100

43 51.7 33.6 50.4#

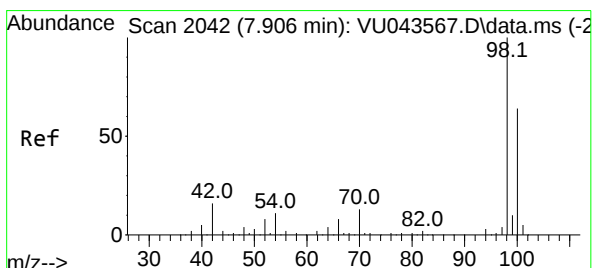
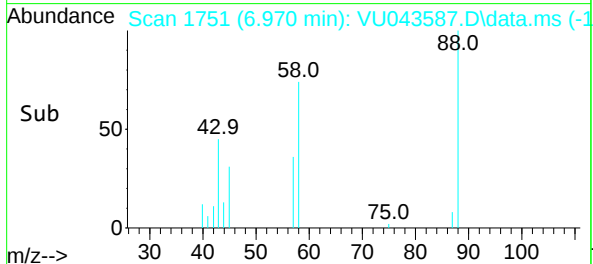
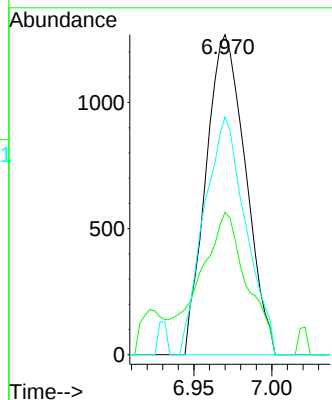
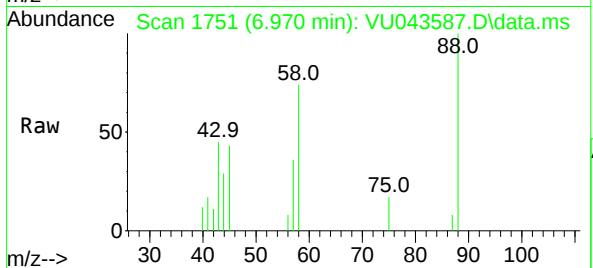
58 78.5 62.7 94.1

Instrument :

MSVOA_U

ClientSampleId :

210505078-02-VOA



#50

Toluene-d8

Concen: 48.86 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043587.D

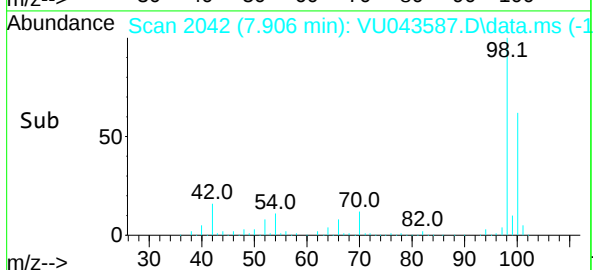
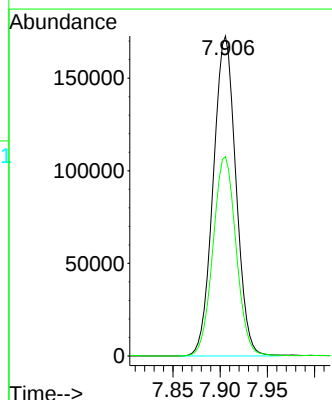
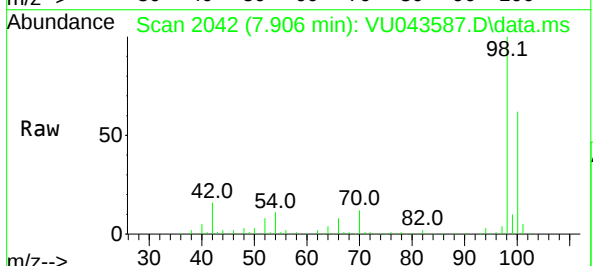
Acq: 06 May 2021 16:46

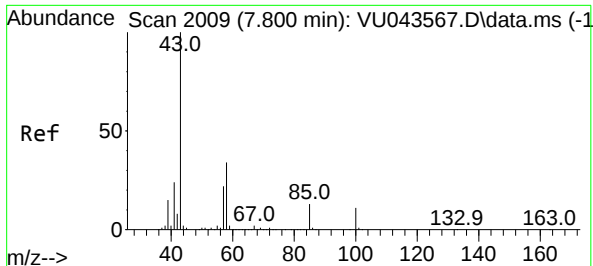
Tgt Ion: 98 Resp: 288900

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

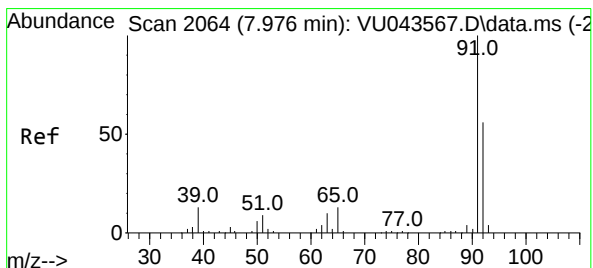
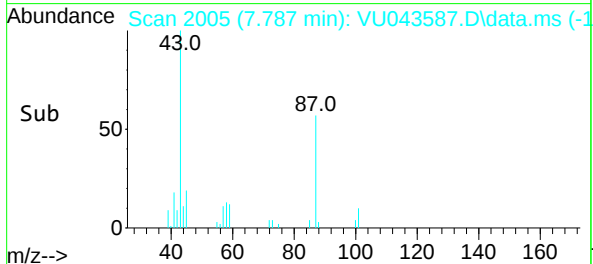
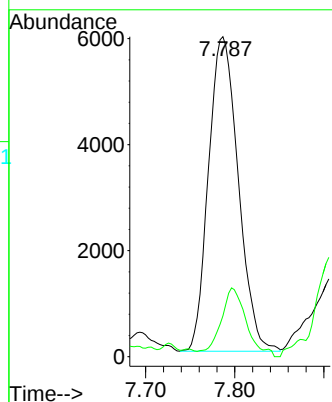
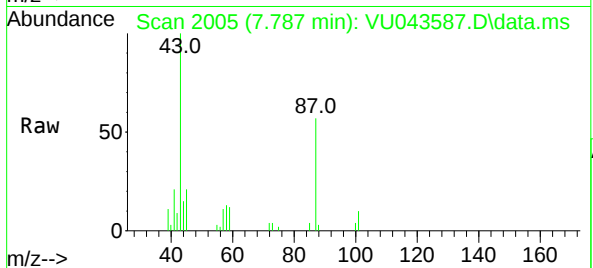




#51
4-Methyl-2-Pentanone
Concen: 21.82 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.013 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

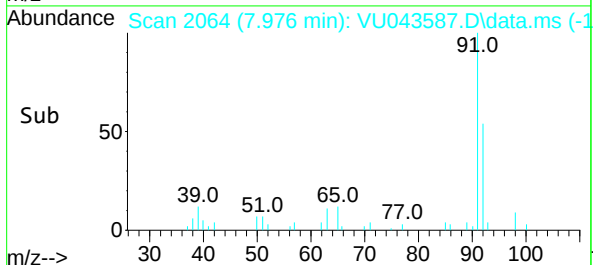
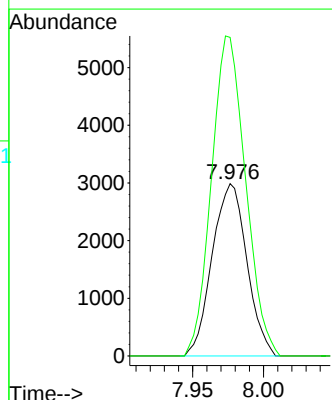
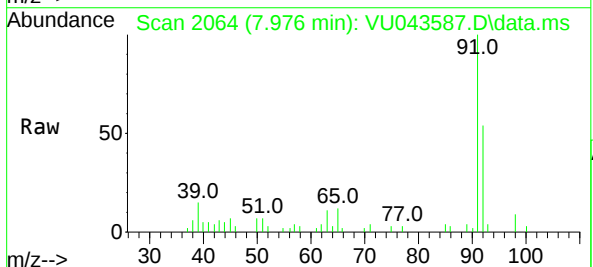
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

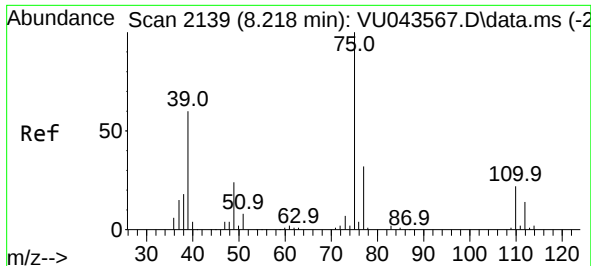
Tgt Ion: 43 Resp: 13781
Ion Ratio Lower Upper
43 100
58 18.8 27.2 40.8#



#52
Toluene
Concen: 1.24 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 92 Resp: 5082
Ion Ratio Lower Upper
92 100
91 182.5 140.9 211.3

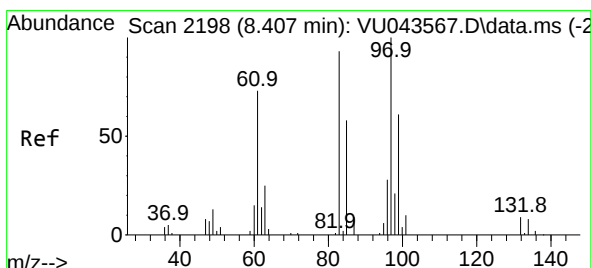
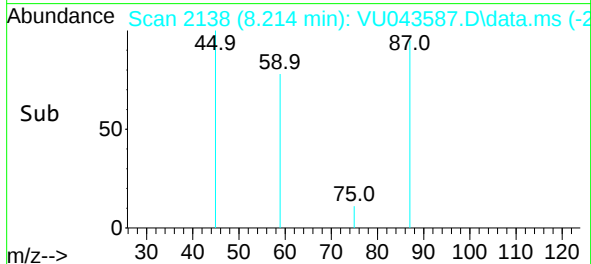
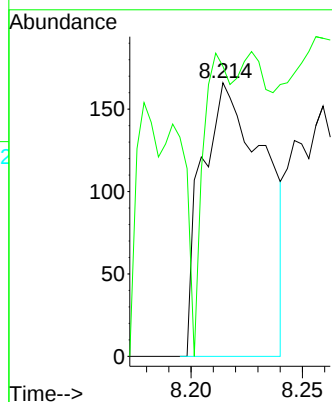
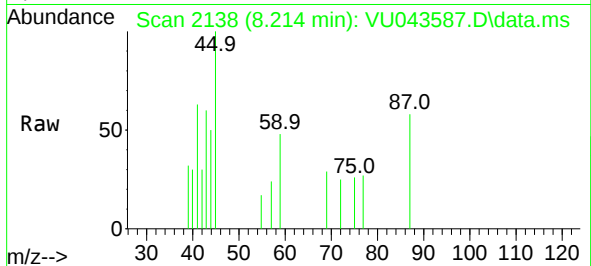




#53
t-1,3-Dichloropropene
Concen: 2.34 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.004 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

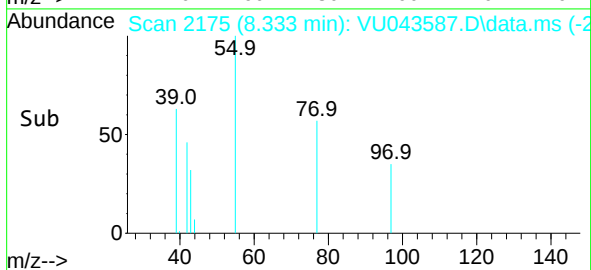
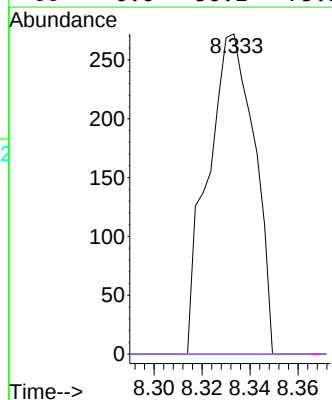
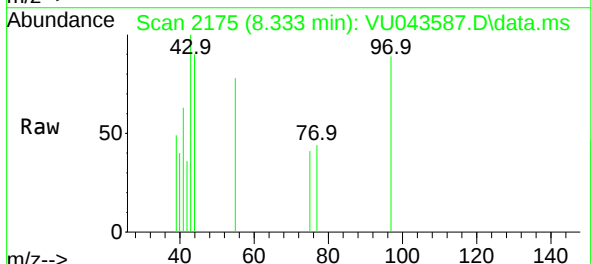
Instrument :
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ClientSampleId :
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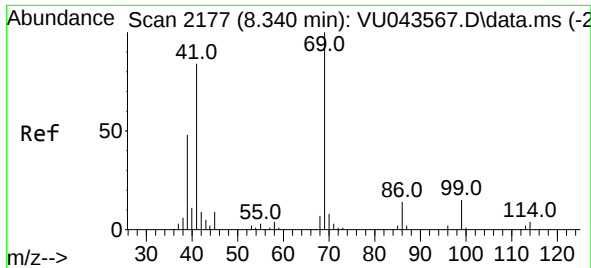
Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
77 25.9 25.5 38.3



#55
1,1,2-Trichloroethane
Concen: 0.20 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.074 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 97 Resp: 366
Ion Ratio Lower Upper
97 100
83 0.0 74.4 111.6#
85 0.0 46.6 70.0#
99 0.0 50.1 75.1#

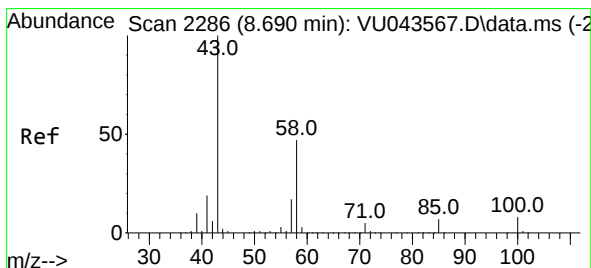
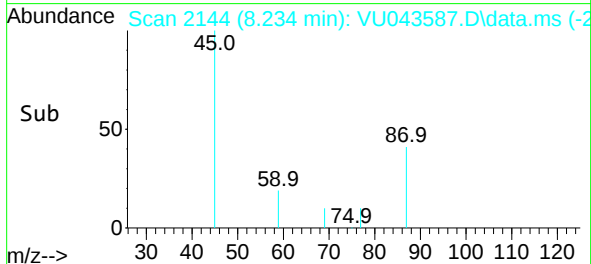
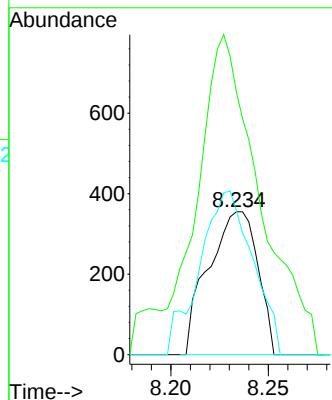
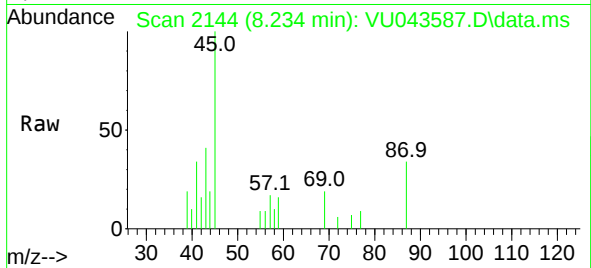




#56
Ethyl methacrylate
Concen: 4.39 ug/l
RT: 8.234 min Scan# 2144
Delta R.T. -0.106 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

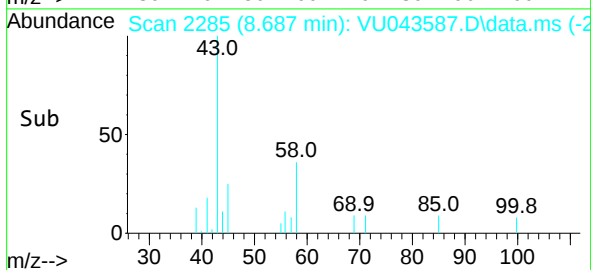
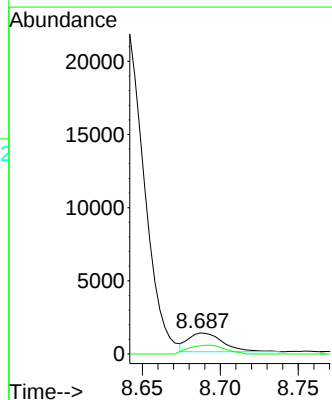
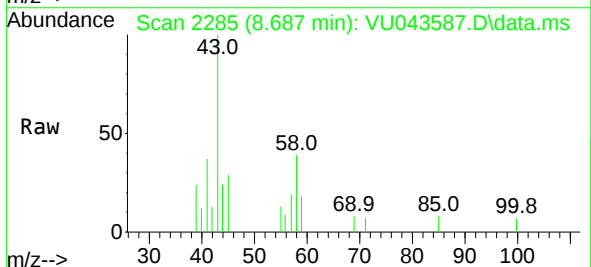
Instrument :
MSVOA_U
ClientSampleId :
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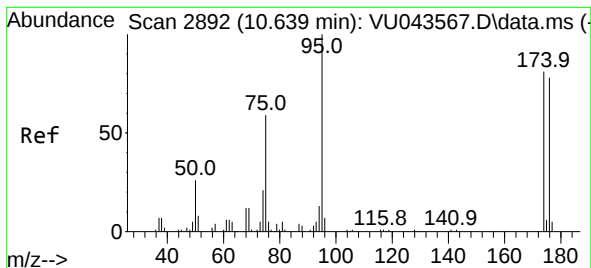
Tgt Ion: 69 Resp: 625
Ion Ratio Lower Upper
69 100
41 280.3 66.7 100.1#
39 123.0 37.8 56.8#



#59
2-Hexanone
Concen: 21.18 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 47.9 23.4 70.2

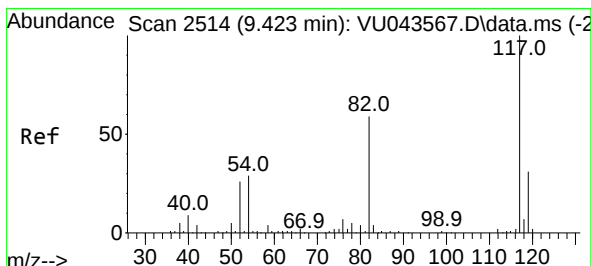
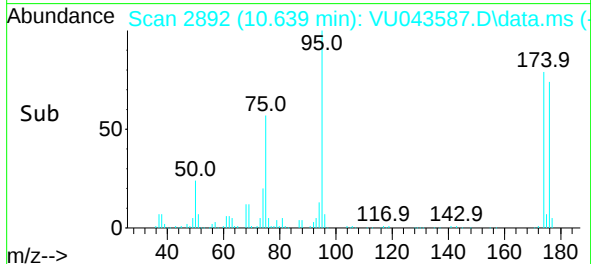
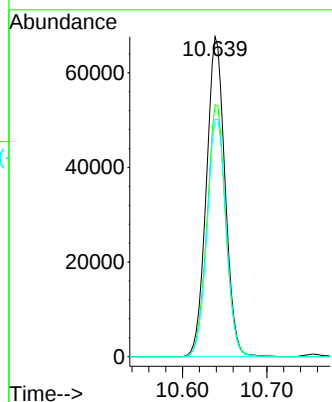
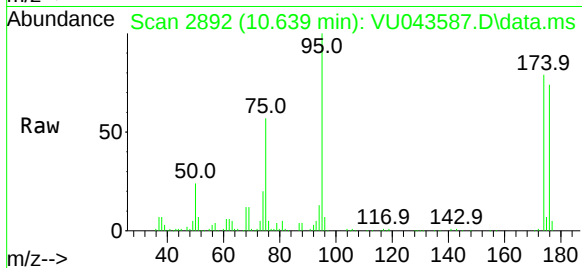




#62
4-Bromofluorobenzene
Concen: 46.35 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

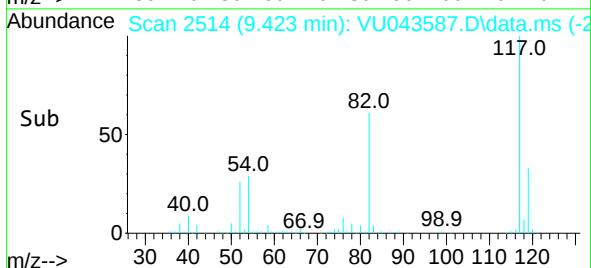
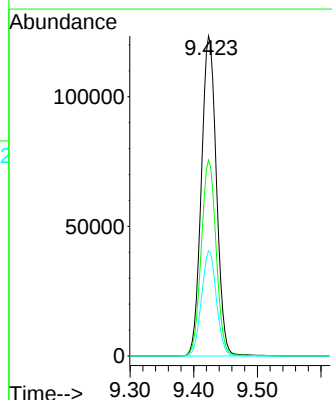
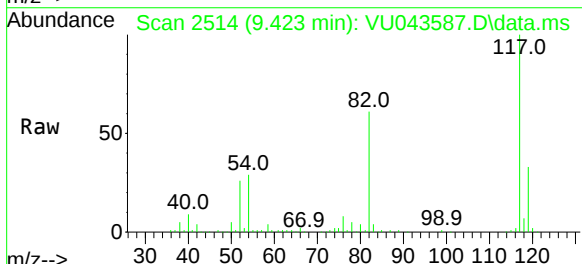
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

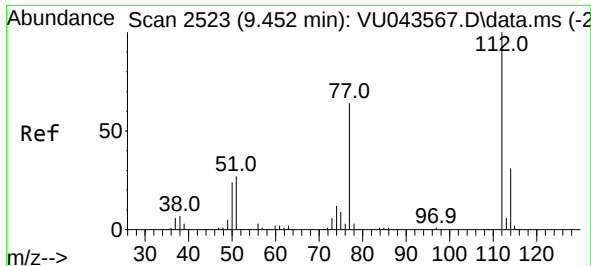
Tgt Ion: 95 Resp: 104270
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.8
176 75.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 117 Resp: 203067
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 32.9 24.7 37.1

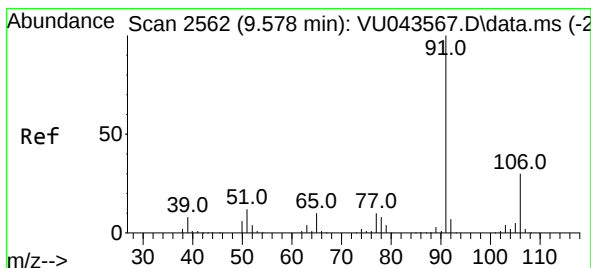
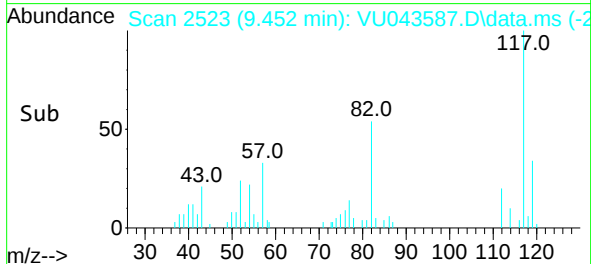
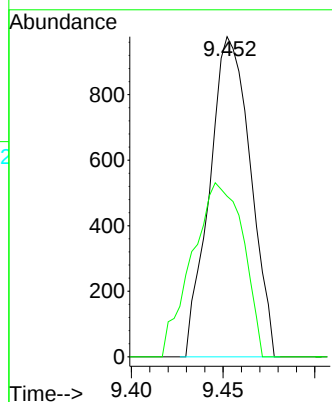
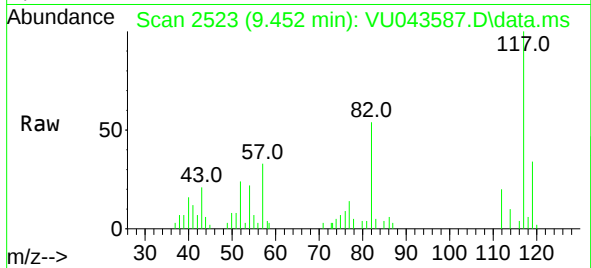




#65
Chlorobenzene
Concen: 0.34 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

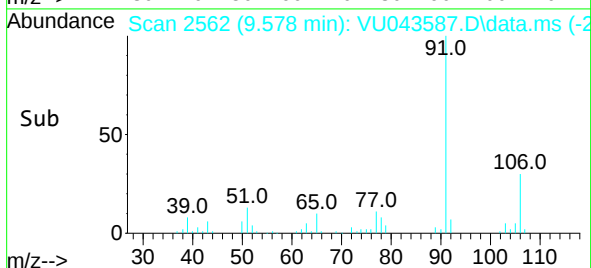
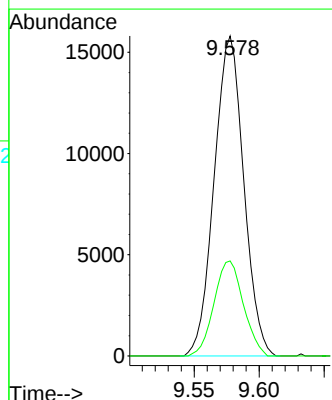
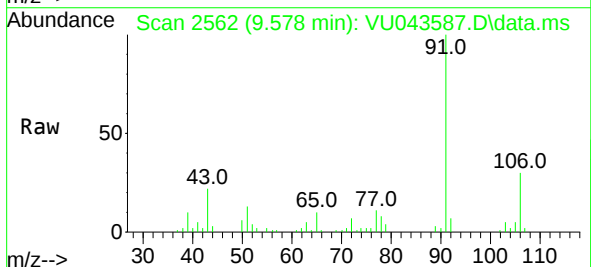
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

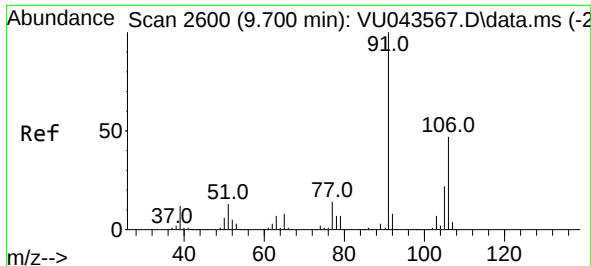
Tgt Ion:112 Resp: 1515
Ion Ratio Lower Upper
112 100
114 50.2 24.6 37.0#



#67
Ethyl Benzene
Concen: 4.16 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 91 Resp: 24969
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0

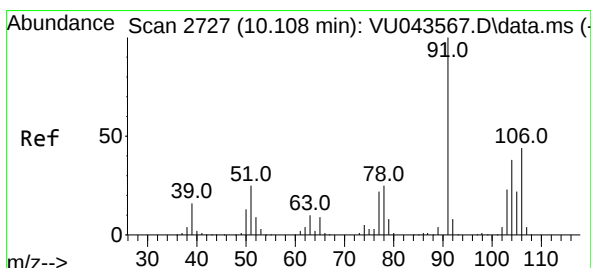
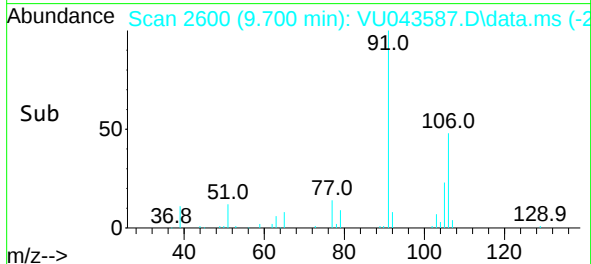
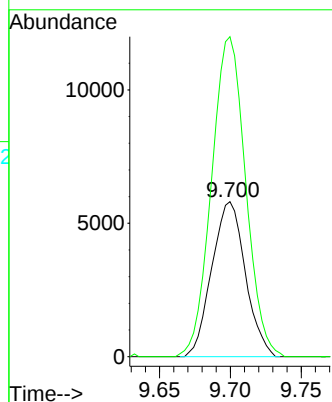
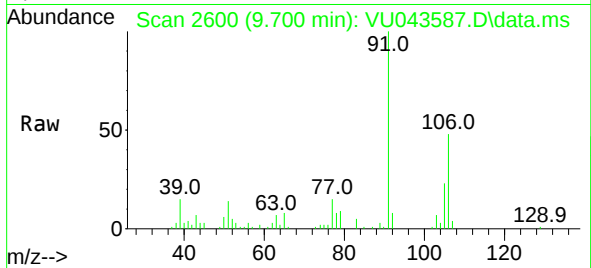




#68
m/p-Xylenes
Concen: 5.19 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

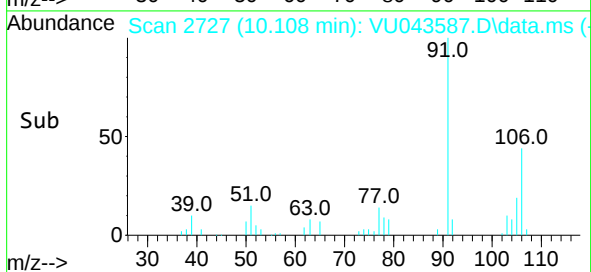
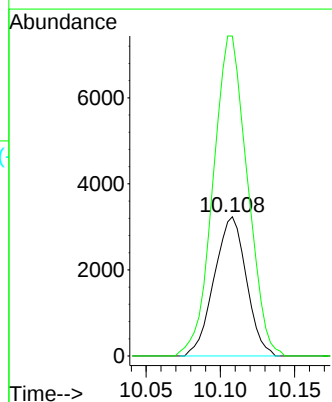
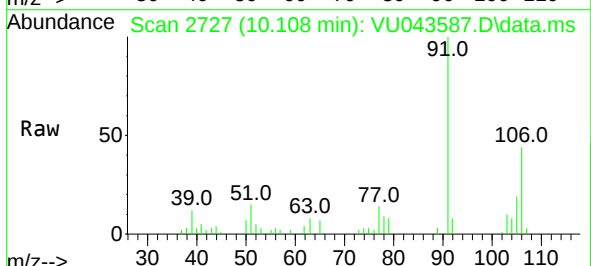
Instrument :
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ClientSampleId :
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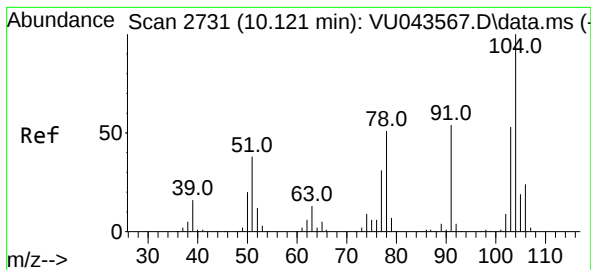
Tgt Ion:106 Resp: 9574
Ion Ratio Lower Upper
106 100
91 209.7 171.7 257.5



#69
o-Xylene
Concen: 3.34 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion:106 Resp: 4883
Ion Ratio Lower Upper
106 100
91 244.6 114.5 343.5

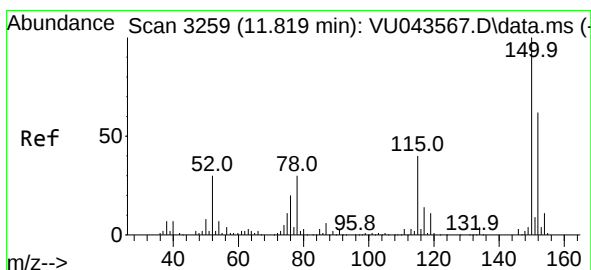
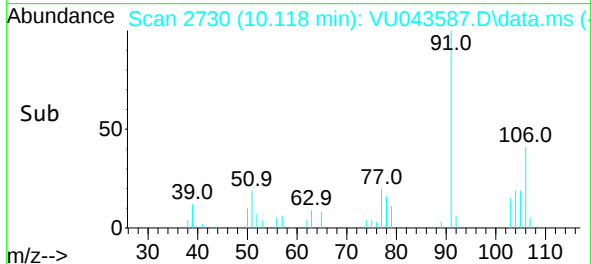
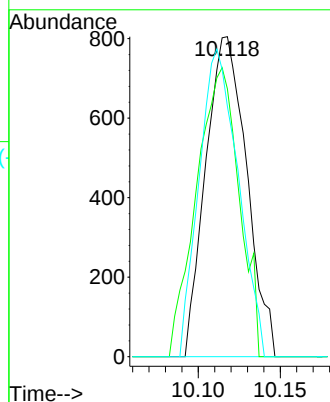
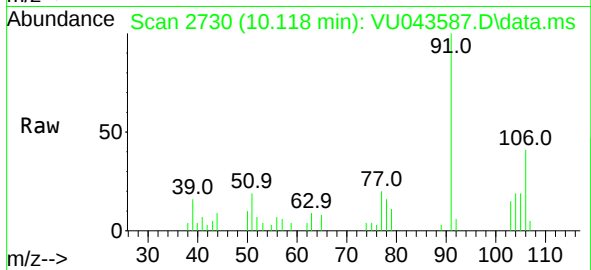




#70
Styrene
Concen: 2.92 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

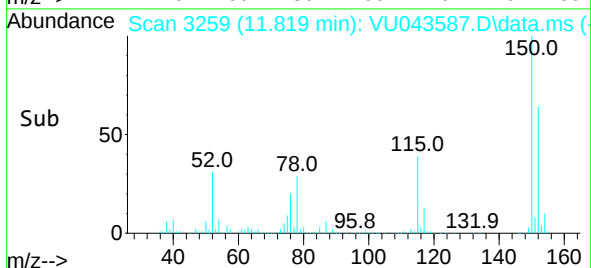
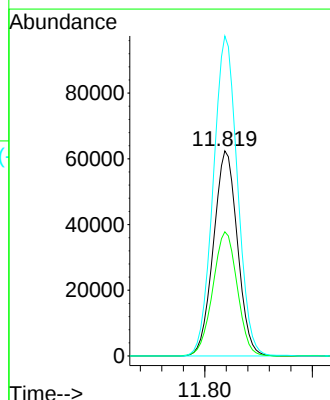
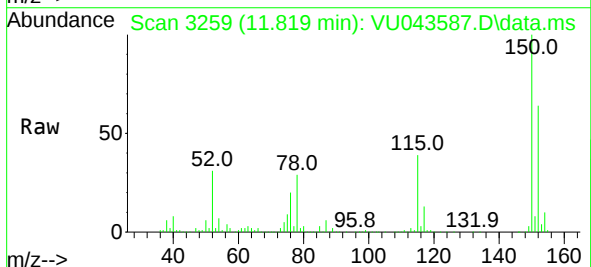
Instrument :
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ClientSampleId :
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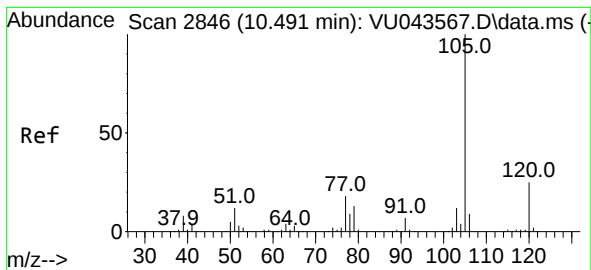
Tgt Ion:104 Resp: 1395
Ion Ratio Lower Upper
104 100
78 94.1 44.6 67.0#
103 91.7 45.1 67.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion:152 Resp: 96762
Ion Ratio Lower Upper
152 100
115 61.8 46.1 138.3
150 157.4 0.0 361.0

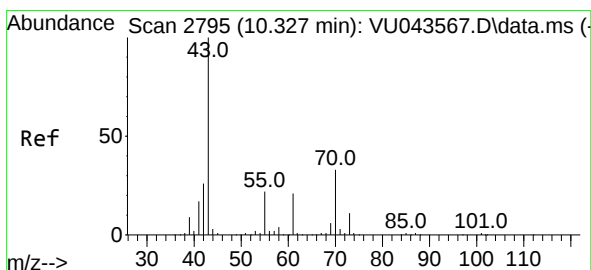
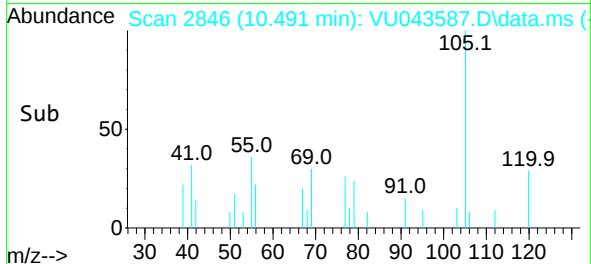
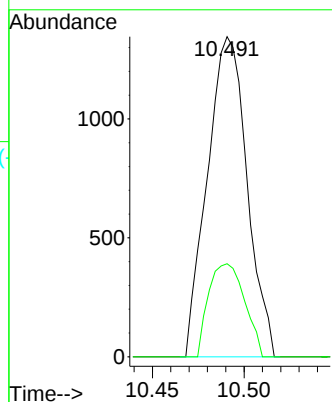
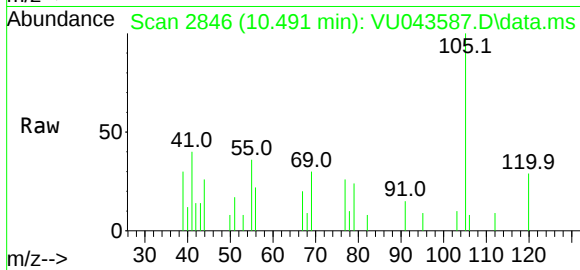




#73
Isopropylbenzene
Concen: 0.29 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

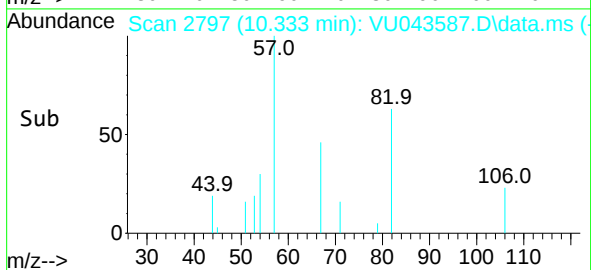
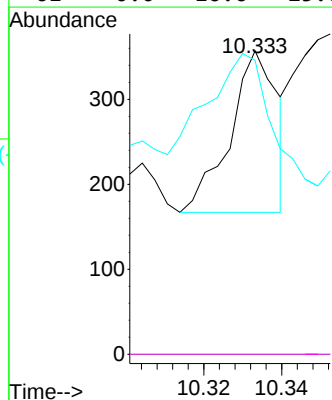
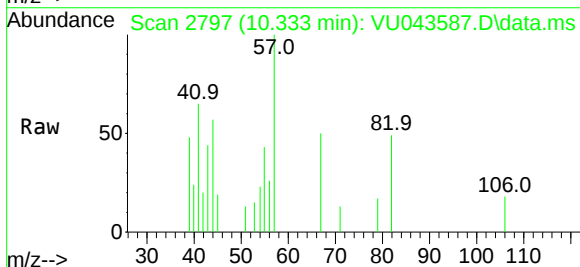
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ClientSampleId :
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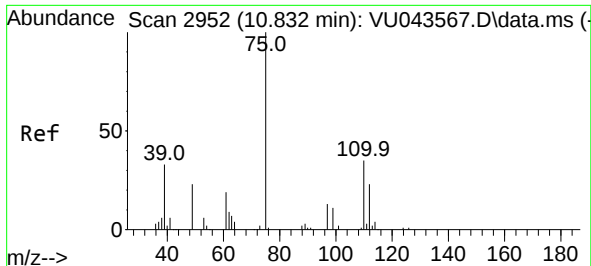
Tgt Ion:105 Resp: 2026
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6



#74
N-ethyl acetate
Concen: 2.55 ug/l
RT: 10.333 min Scan# 2797
Delta R.T. 0.006 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
70 0.0 26.4 39.6#
55 0.0 18.0 27.0#
61 0.0 16.6 25.0#

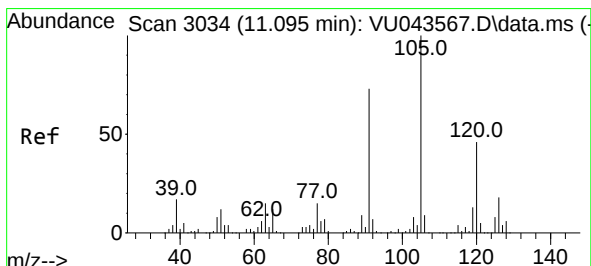
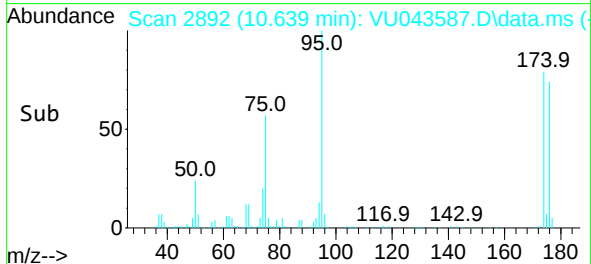
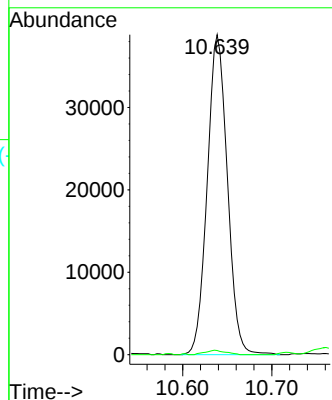
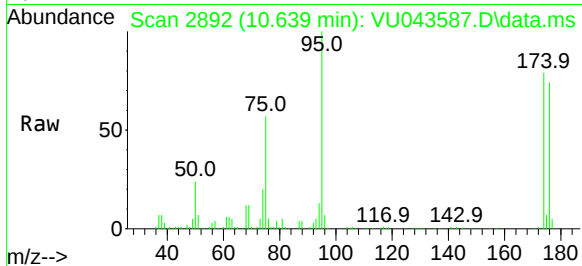




#76
1,2,3-Trichloropropane
Concen: 19.80 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

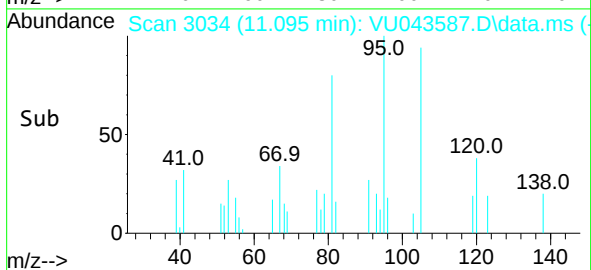
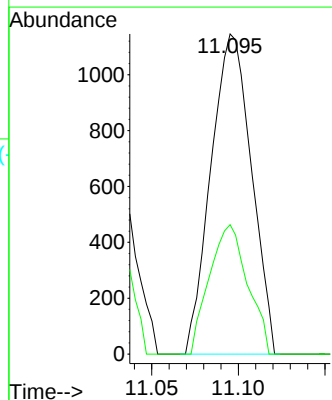
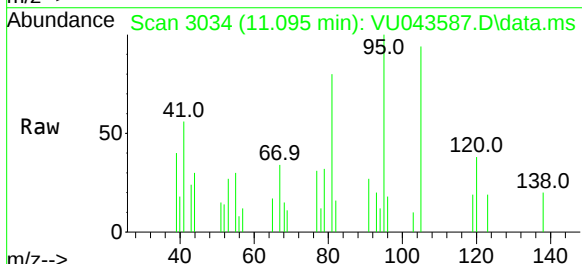
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

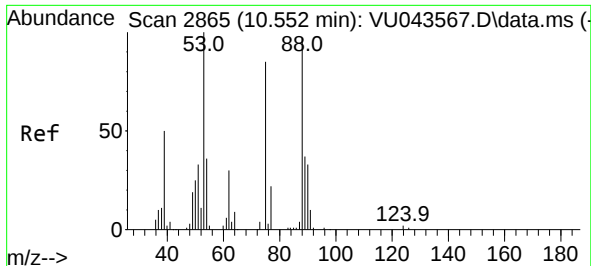
Tgt Ion: 75 Resp: 60905
Ion Ratio Lower Upper
75 100
77 1.4 17.1 51.3#



#80
1,3,5-Trimethylbenzene
Concen: 1.01 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion:105 Resp: 1862
Ion Ratio Lower Upper
105 100
120 38.2 22.9 68.7

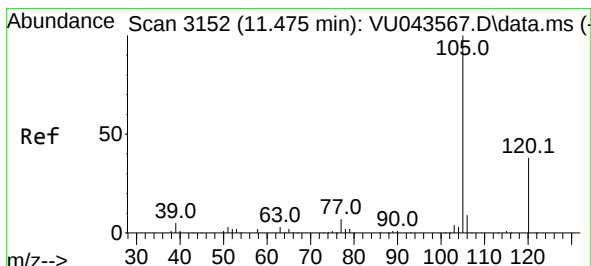
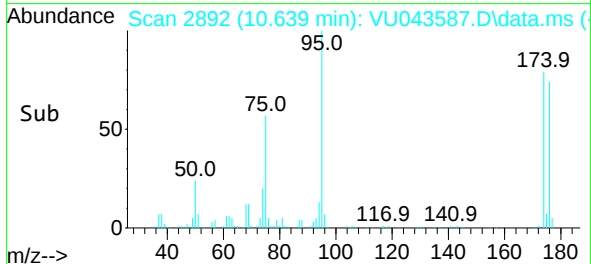
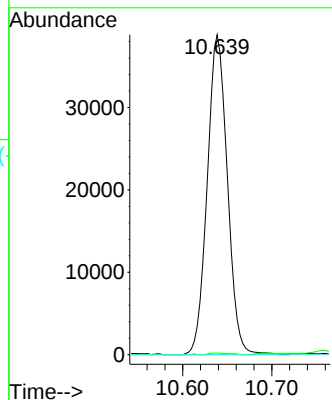
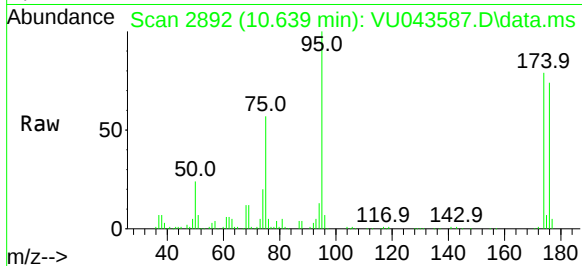




#81
trans-1,4-Dichloro-2-butene
Concen: 64.47 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

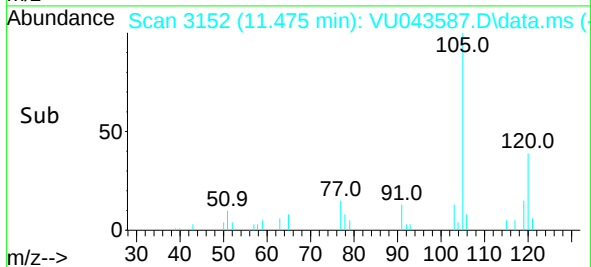
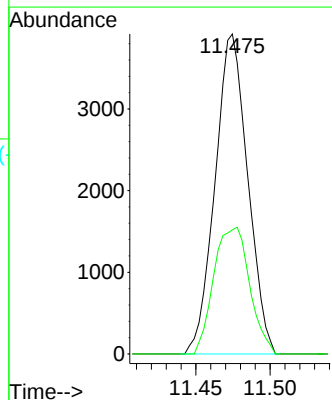
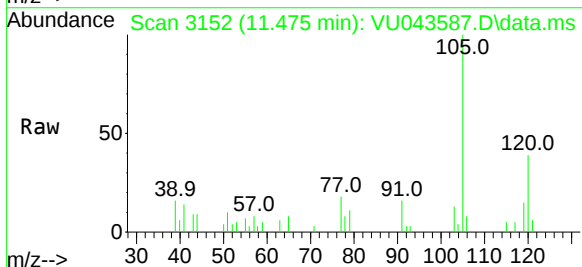
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

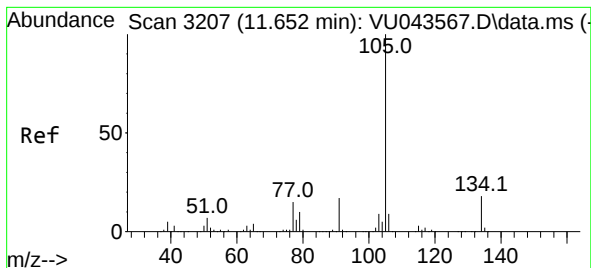
Tgt Ion: 75 Resp: 60905
Ion Ratio Lower Upper
75 100
53 0.5 95.8 143.8#
89 0.0 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 2.00 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 105 Resp: 5990
Ion Ratio Lower Upper
105 100
120 43.4 21.4 64.2

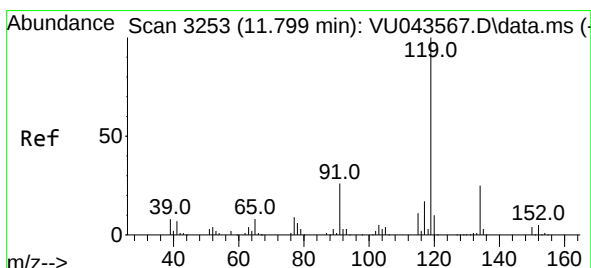
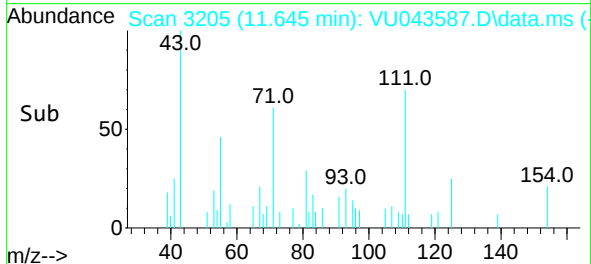
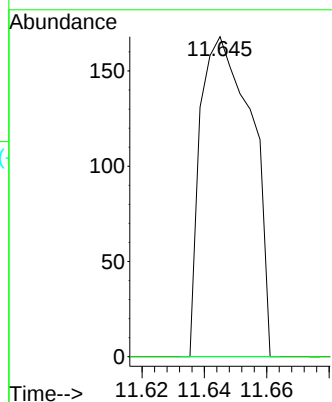
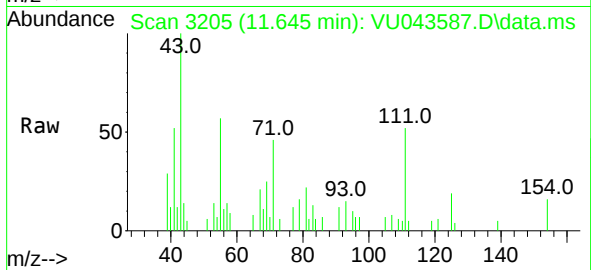




#85
 sec-Butylbenzene
 Concen: 1.36 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.007 min
 Lab File: VU043587.D
 Acq: 06 May 2021 16:46

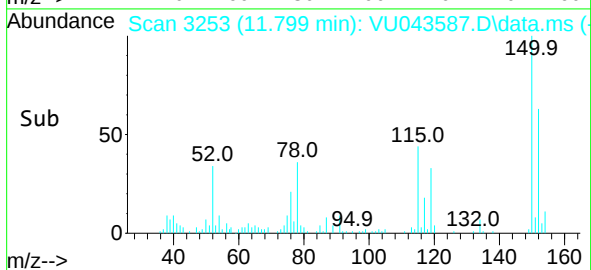
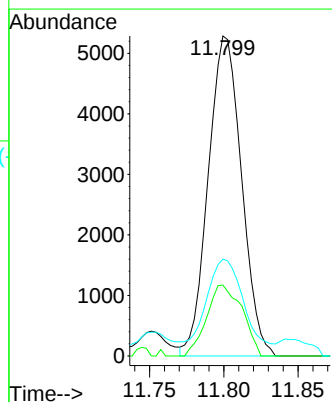
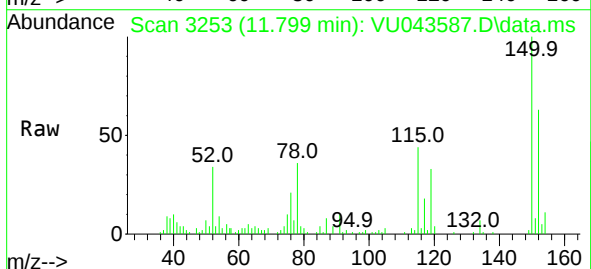
Instrument :
 MSVOA_U
 ClientSampleId :
 210505078-02-VOA

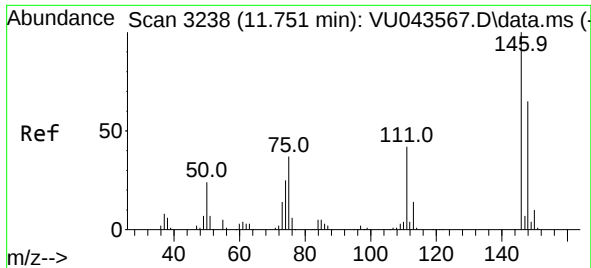
Tgt Ion:105 Resp: 191
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#



#86
 p-Isopropyltoluene
 Concen: 2.65 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.000 min
 Lab File: VU043587.D
 Acq: 06 May 2021 16:46

Tgt Ion:119 Resp: 8247
 Ion Ratio Lower Upper
 119 100
 134 23.6 12.7 38.0
 91 36.0 13.3 39.9

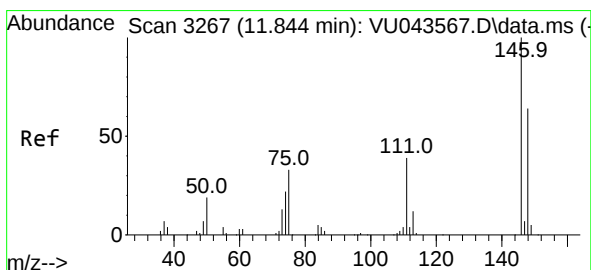
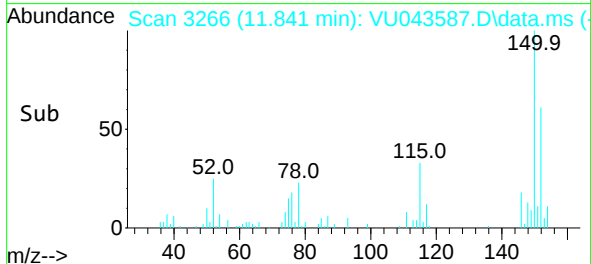
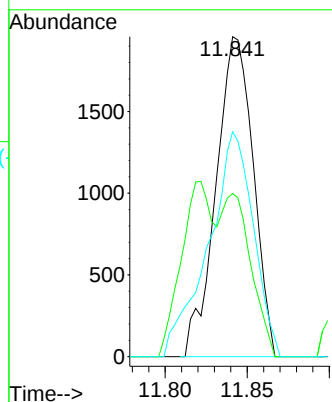
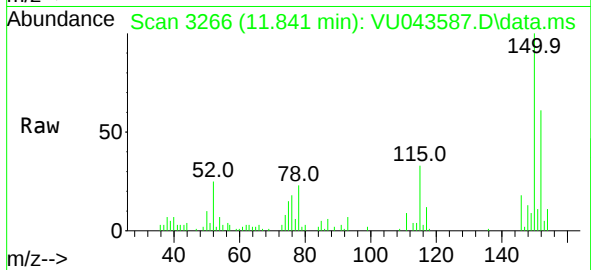




#87
1,3-Dichlorobenzene
Concen: 0.91 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.090 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

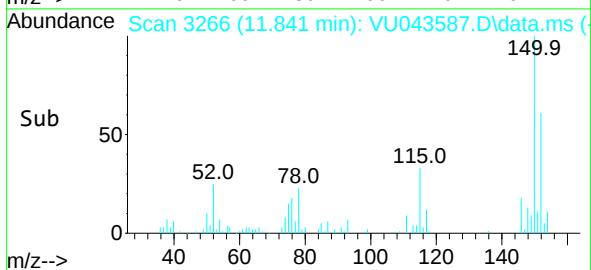
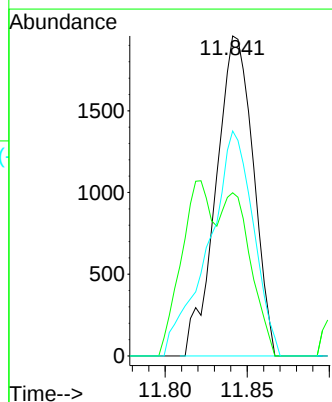
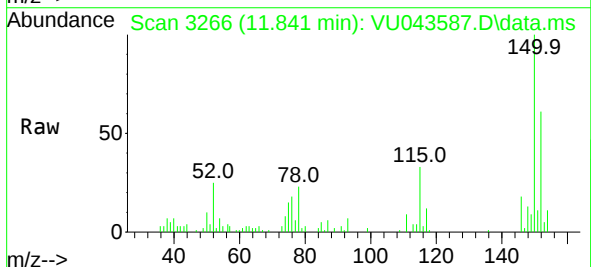
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

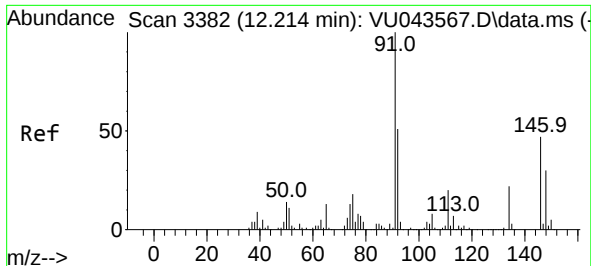
Tgt Ion:146 Resp: 3083
Ion Ratio Lower Upper
146 100
111 48.2 20.9 62.7
148 84.7 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 0.88 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion:146 Resp: 3083
Ion Ratio Lower Upper
146 100
111 48.2 20.2 60.6
148 84.7 31.7 95.1

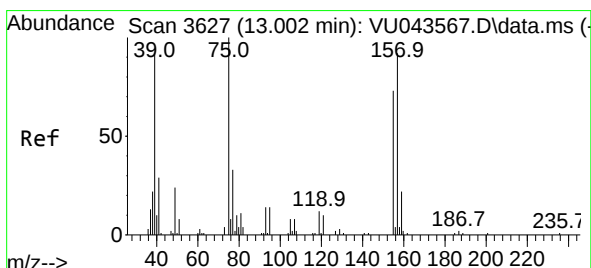
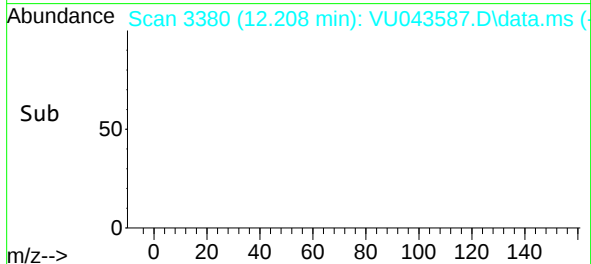
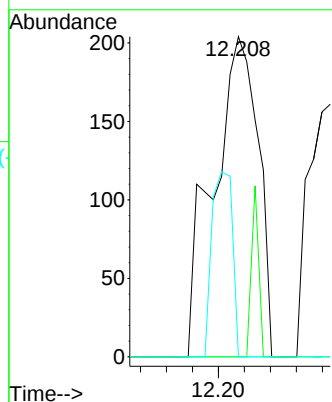
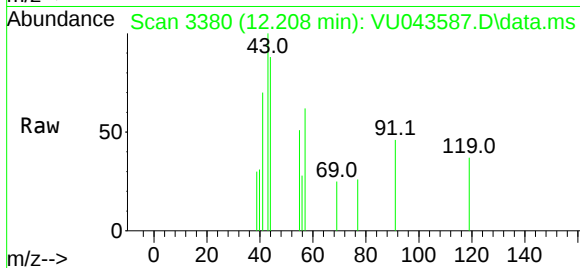




#89
n-Butylbenzene
Concen: 2.56 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.006 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

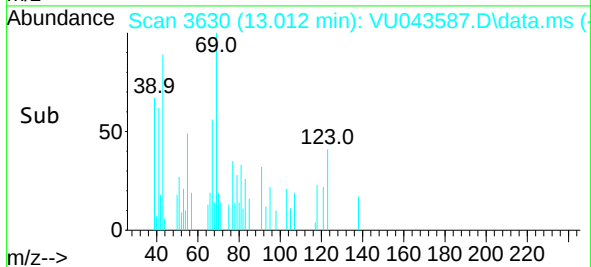
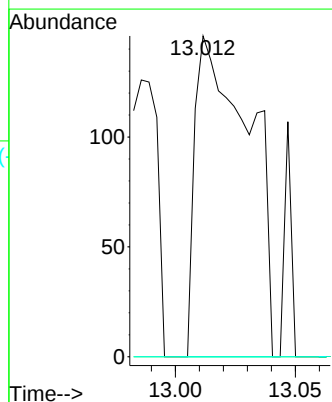
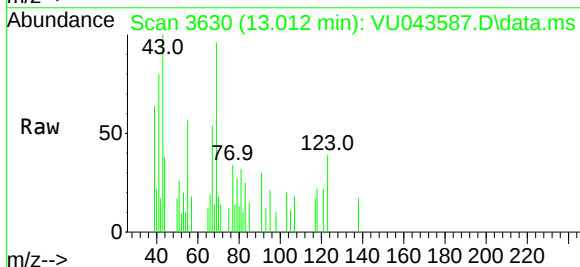
Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

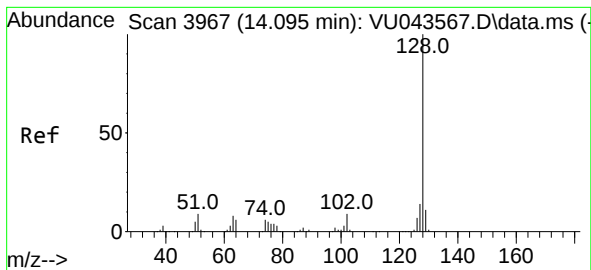
Tgt Ion: 91 Resp: 245
Ion Ratio Lower Upper
91 100
92 8.6 25.4 76.2#
134 26.5 11.3 33.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.28 ug/l
RT: 13.012 min Scan# 3630
Delta R.T. 0.010 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
155 0.0 36.7 110.1#
157 0.0 47.1 141.4#





#95
Naphthalene
Concen: 8.39 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043587.D
Acq: 06 May 2021 16:46

Instrument :
MSVOA_U
ClientSampleId :
210505078-02-VOA

Tgt Ion:128 Resp: 58152
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.9 8.6 12.8

