

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045563.D
 Acq On : 05 Nov 2021 16:57
 Operator : SY/MD
 Sample : M4424-02
 Misc : 5.03g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-B1-N

Quant Time: Nov 05 17:17:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

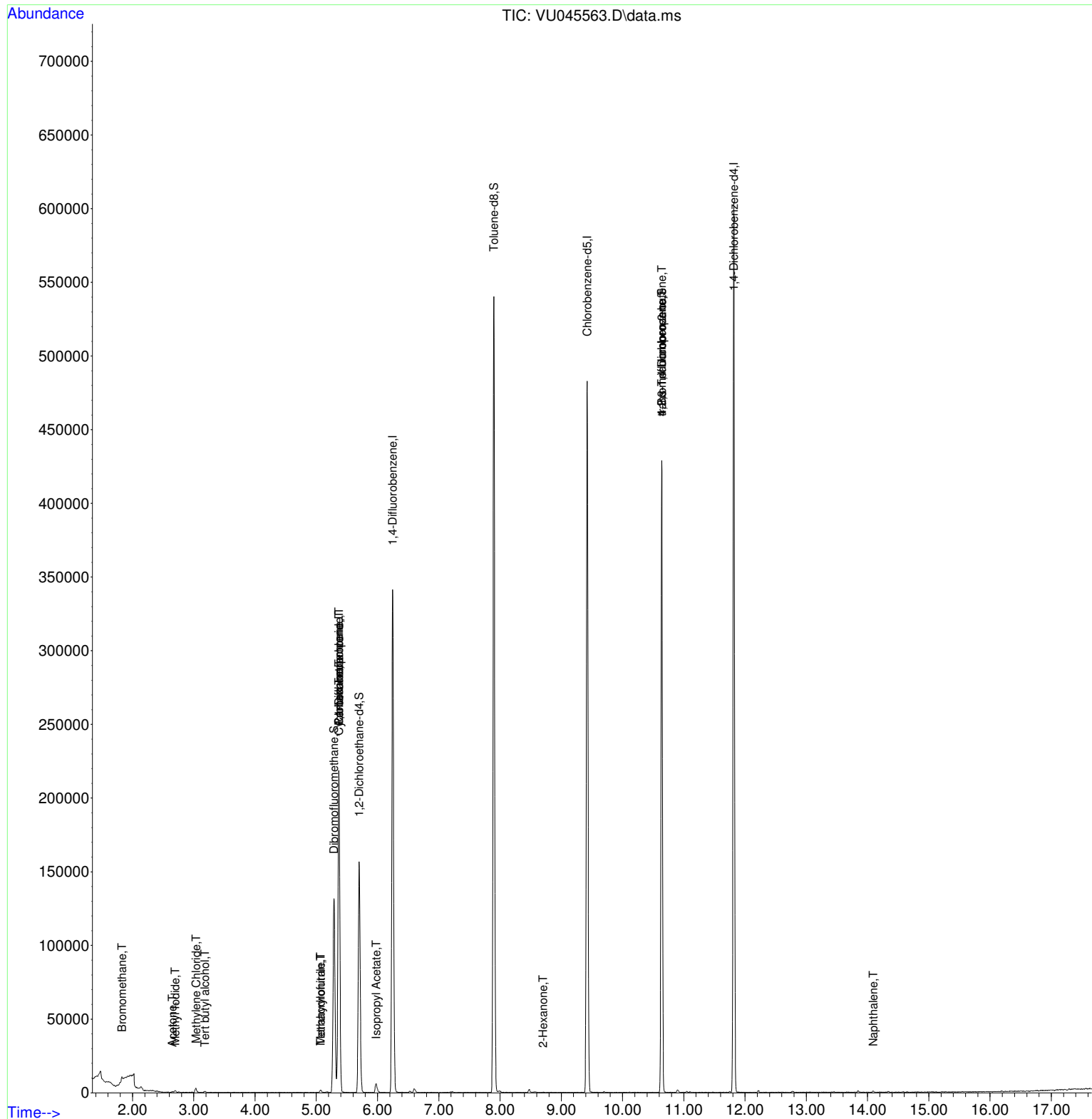
Internal Standards						
1) Pentafluorobenzene	5.369	168	147145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	281105	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	283865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	147765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	120868	54.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.70%			
35) Dibromofluoromethane	5.288	113	91407	48.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.40%			
50) Toluene-d8	7.899	98	362252	51.91	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.82%			
62) 4-Bromofluorobenzene	10.639	95	146582	52.38	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.76%			
Target Compounds						
						Qvalue
5) Bromomethane	1.826	94	1070	0.90	ug/l	84
10) Methyl Iodide	2.697	142	1415	0.66	ug/l #	86
11) Tert butyl alcohol	3.182	59	529	1.21	ug/l #	72
16) Acetone	2.649	43	759	0.68	ug/l #	88
20) Methylene Chloride	3.035	84	1636	0.84	ug/l #	85
29) Tetrahydrofuran	5.070	42	1284	1.35	ug/l #	64
31) Cyclohexane	5.366	56	3496	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	13498	4.92	ug/l #	49
38) Carbon Tetrachloride	5.369	117	15983	5.78	ug/l #	15
41) Methacrylonitrile	5.070	41	743	0.45	ug/l #	39
43) Isopropyl Acetate	5.977	43	2683	0.56	ug/l #	59
59) 2-Hexanone	8.700	43	180	7.60	ug/l #	52
76) 1,2,3-Trichloropropane	10.639	75	76907	17.16	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	76907	55.85	ug/l #	12
95) Naphthalene	14.092	128	1030	1.11	ug/l #	83

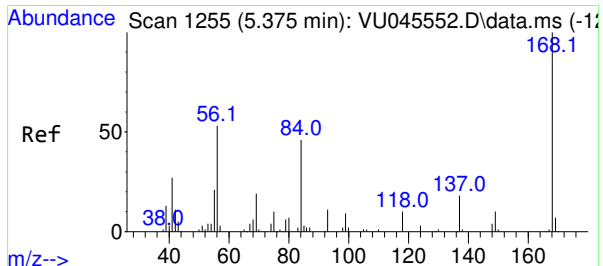
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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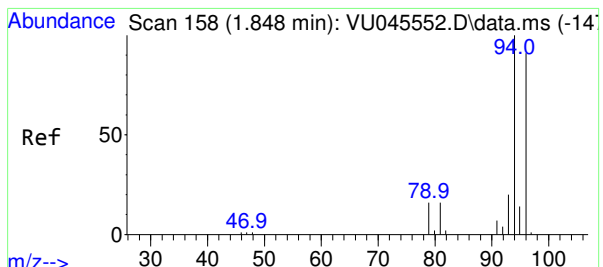
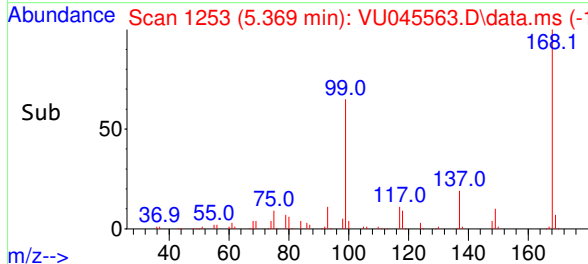
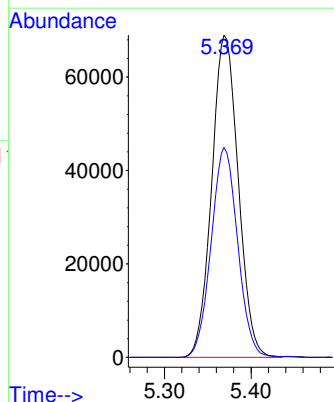
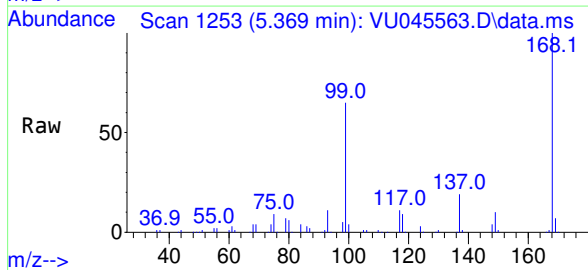




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

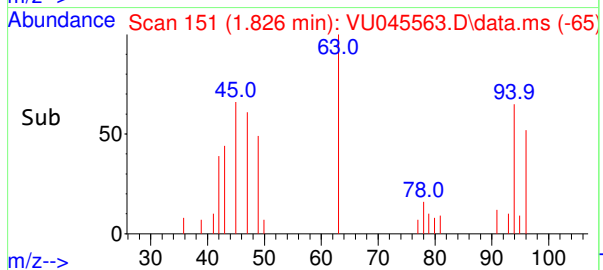
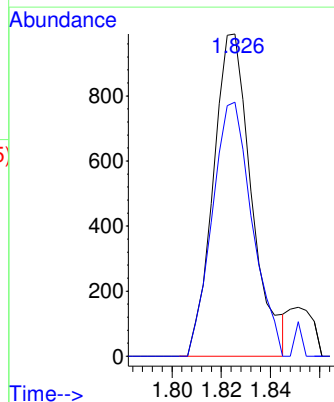
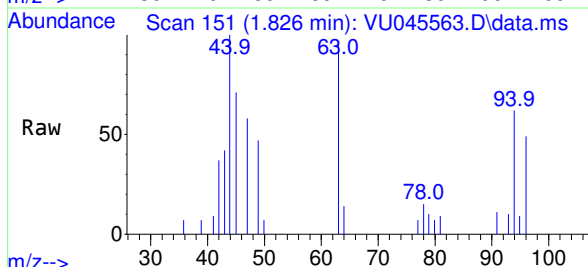
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

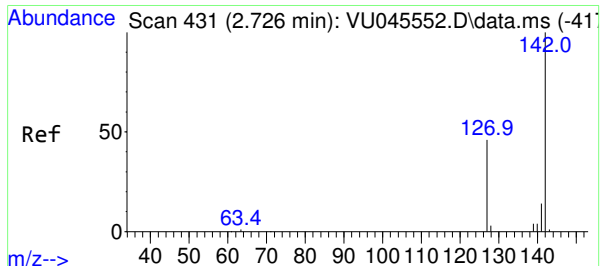
Tgt Ion:168 Resp: 147145
Ion Ratio Lower Upper
168 100
99 65.1 51.0 76.6



#5
Bromomethane
Concen: 0.90 ug/l
RT: 1.826 min Scan# 151
Delta R.T. -0.022 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 94 Resp: 1070
Ion Ratio Lower Upper
94 100
96 78.8 75.4 113.2

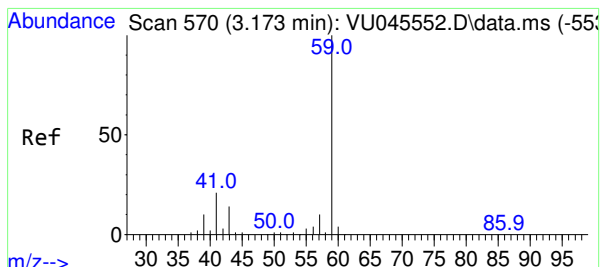
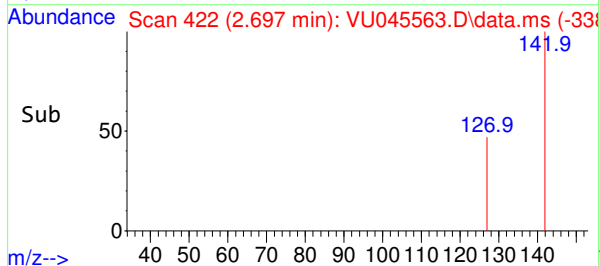
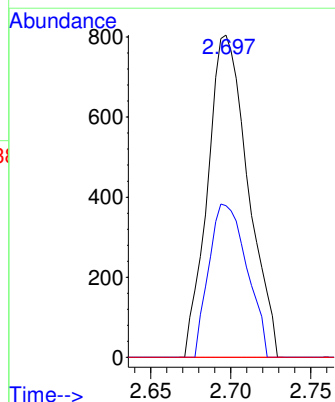
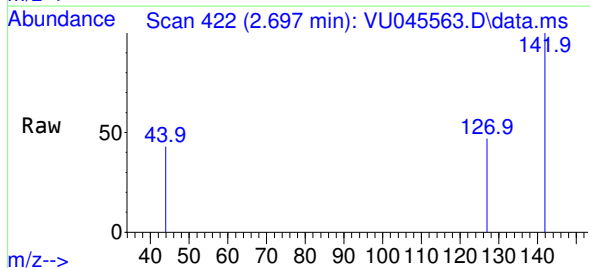




#10
Methyl Iodide
Concen: 0.66 ug/l
RT: 2.697 min Scan# 41
Delta R.T. -0.029 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

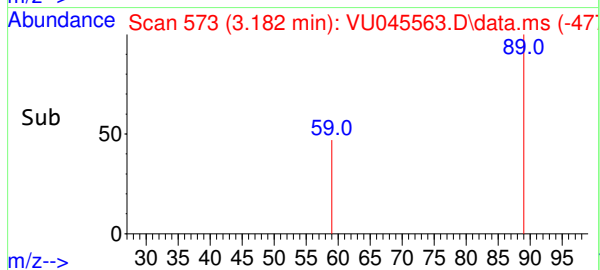
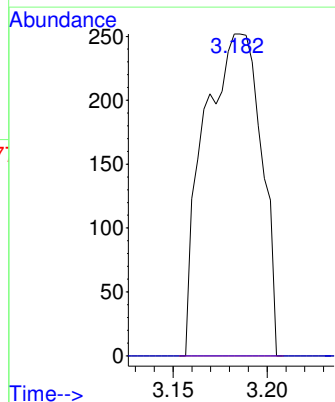
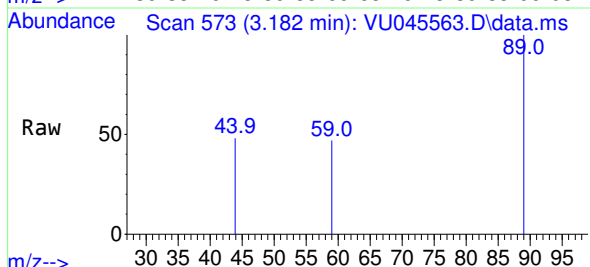
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

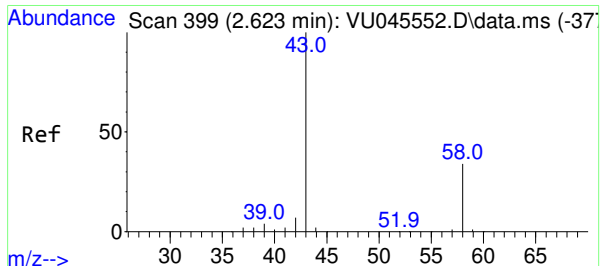
Tgt Ion:142 Resp: 1415
Ion Ratio Lower Upper
142 100
127 44.7 32.2 48.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.21 ug/l
RT: 3.182 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 59 Resp: 529
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

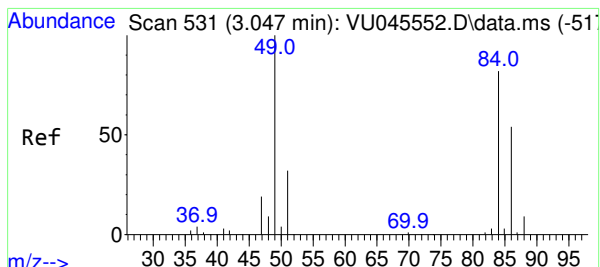
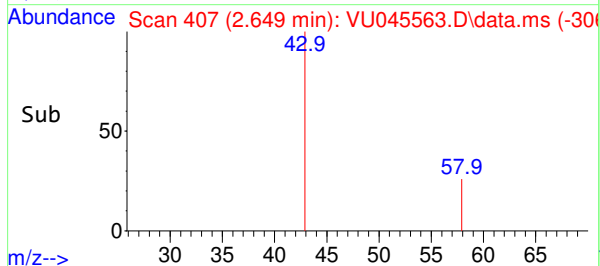
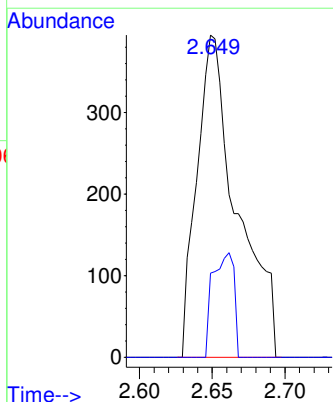
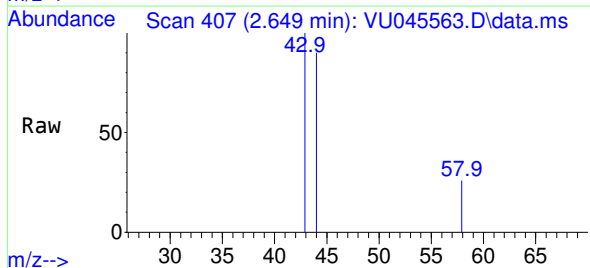




#16
Acetone
Concen: 0.68 ug/l
RT: 2.649 min Scan# 41
Delta R.T. 0.026 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

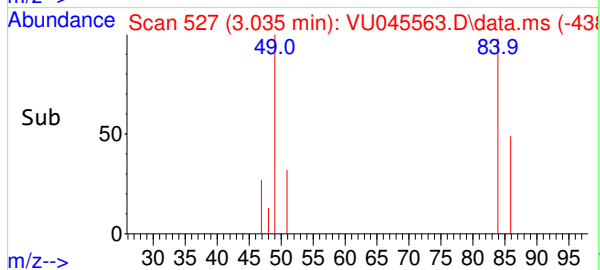
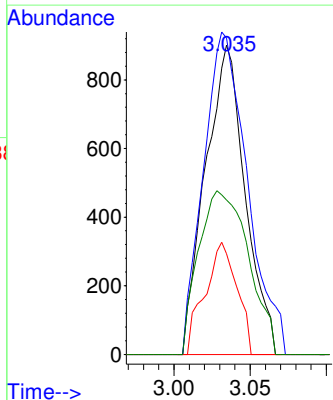
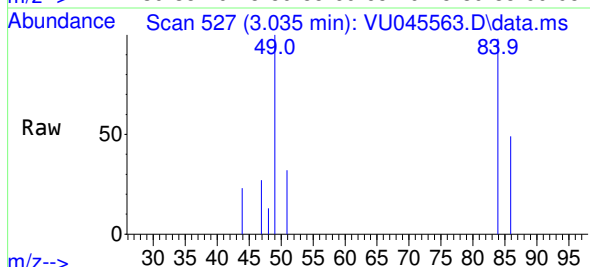
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

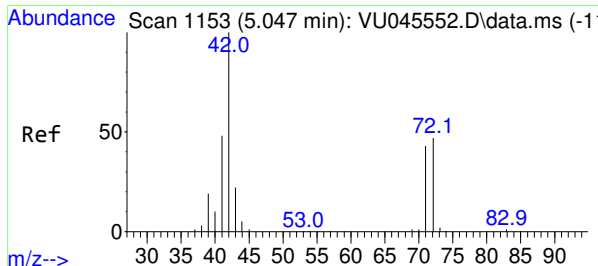
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 26.1 26.2 39.2#



#20
Methylene Chloride
Concen: 0.84 ug/l
RT: 3.035 min Scan# 527
Delta R.T. -0.013 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 84 Resp: 1636
Ion Ratio Lower Upper
84 100
49 102.3 96.4 144.6
51 32.5 30.5 45.7
86 49.9 50.3 75.5#





#29

Tetrahydrofuran

Concen: 1.35 ug/l

RT: 5.070 min Scan# 1

Delta R.T. 0.023 min

Lab File: VU045563.D

Acq: 05 Nov 2021 16:57

Instrument :

MSVOA_U

ClientSampleId :

T2-B1-N

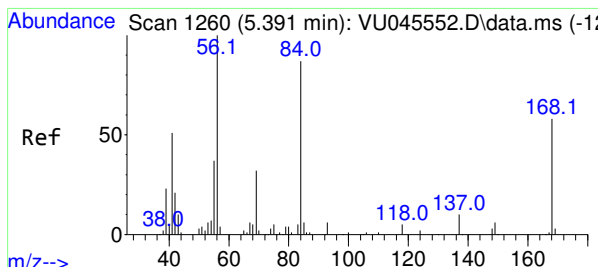
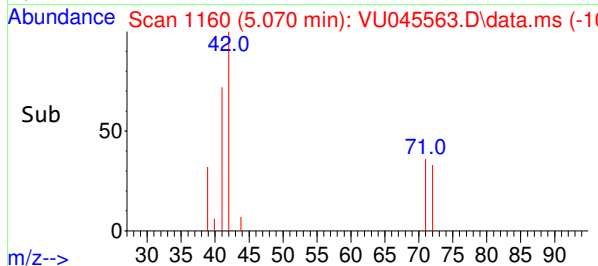
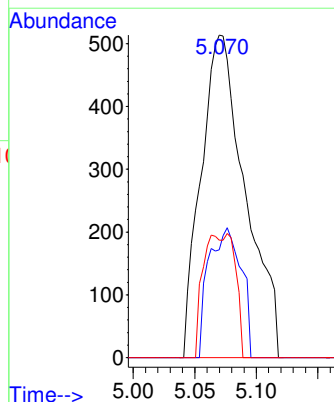
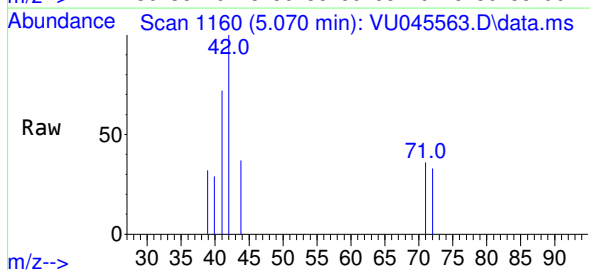
Tgt Ion: 42 Resp: 1284

Ion Ratio Lower Upper

42 100

72 29.4 38.2 57.4#

71 15.3 35.4 53.2#



#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.026 min

Lab File: VU045563.D

Acq: 05 Nov 2021 16:57

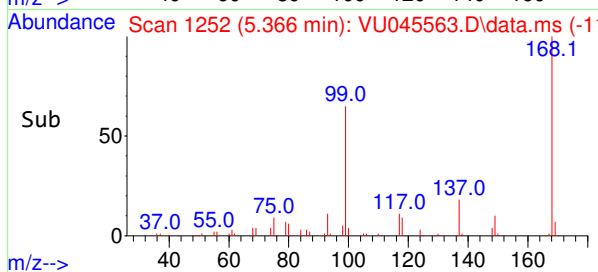
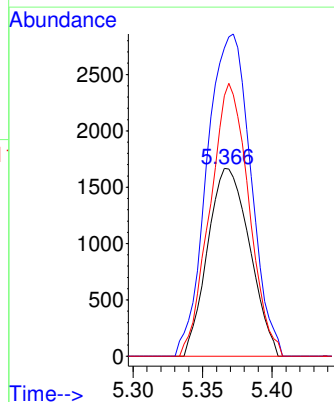
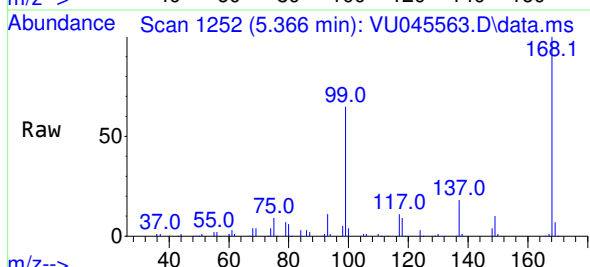
Tgt Ion: 56 Resp: 3496

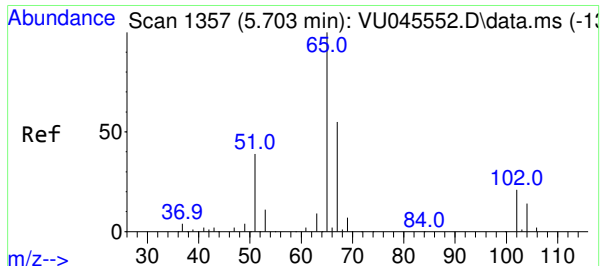
Ion Ratio Lower Upper

56 100

69 164.0 26.4 39.6#

84 138.8 68.4 102.6#

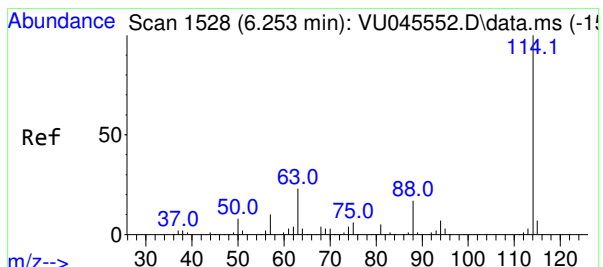
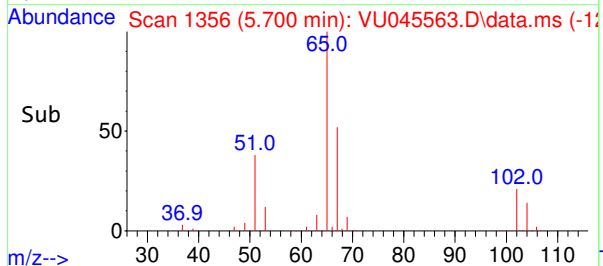
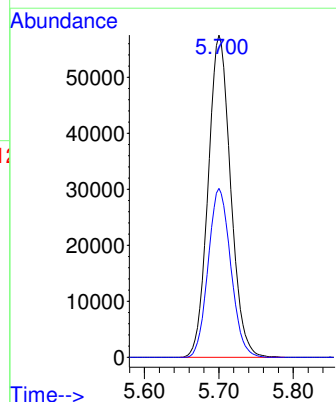
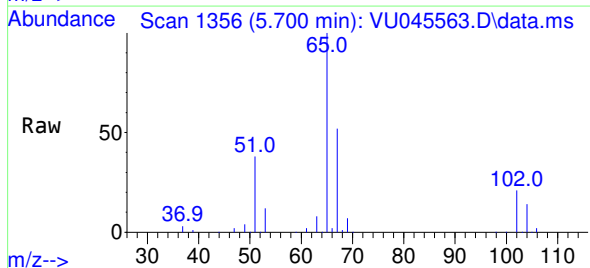




#33
1,2-Dichloroethane-d4
Concen: 54.85 ug/l
RT: 5.700 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

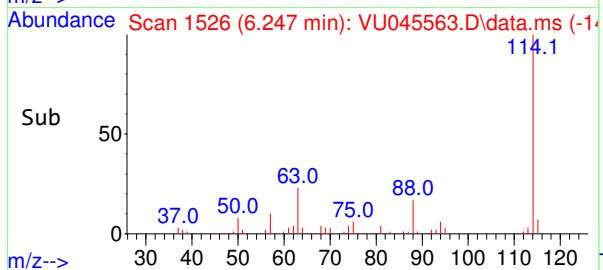
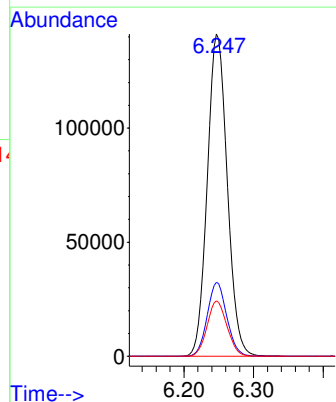
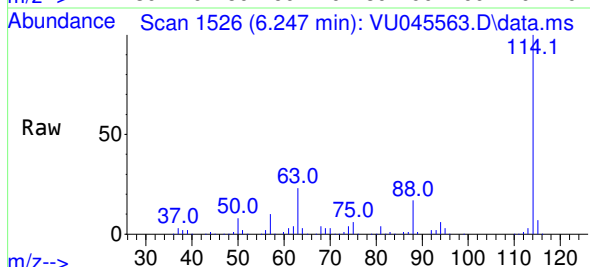
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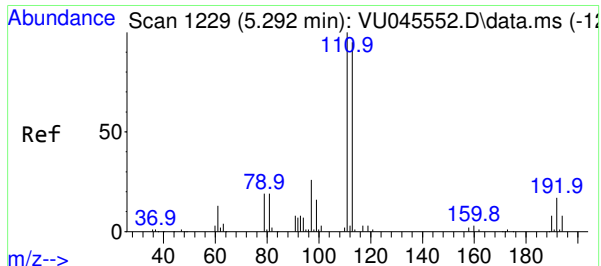
Tgt Ion: 65 Resp: 120868
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.247 min Scan# 1526
Delta R.T. -0.006 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 114 Resp: 281105
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.6
88 17.2 0.0 33.8

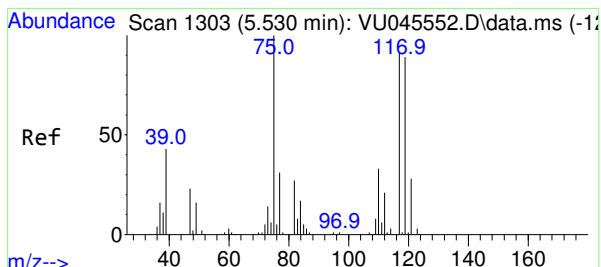
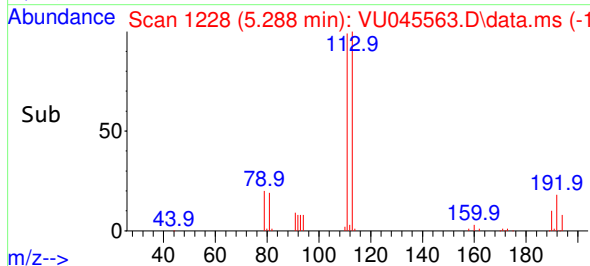
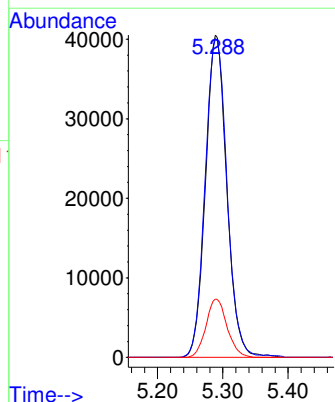
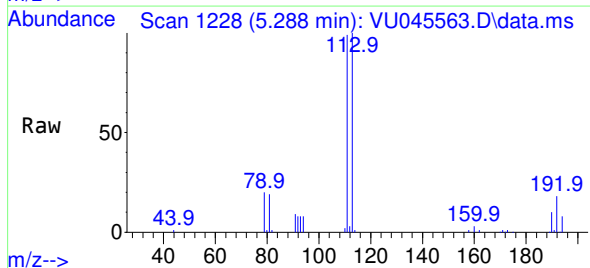




#35
Dibromofluoromethane
Concen: 48.70 ug/l
RT: 5.288 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

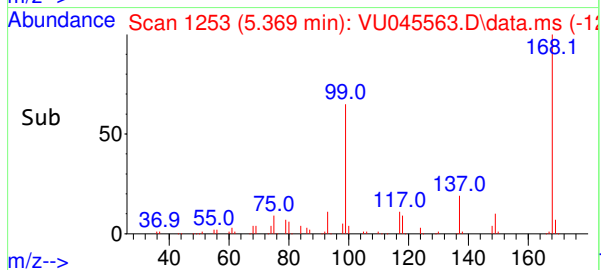
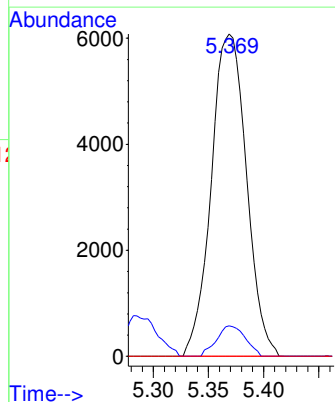
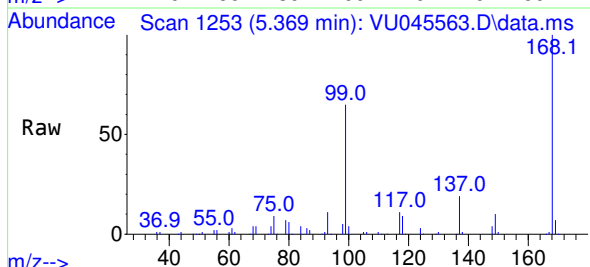
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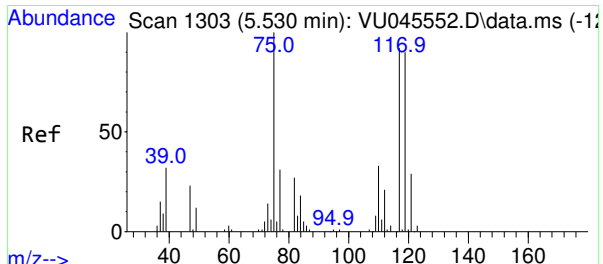
Tgt Ion:113 Resp: 91407
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.161 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 75 Resp: 13498
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.0#
77 0.0 25.0 37.4#

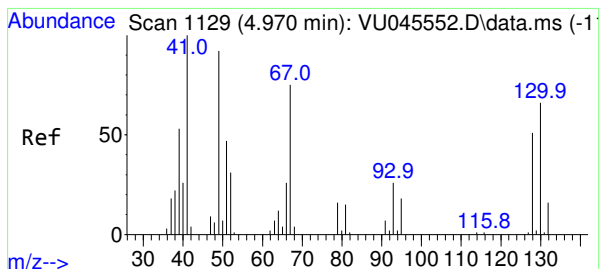
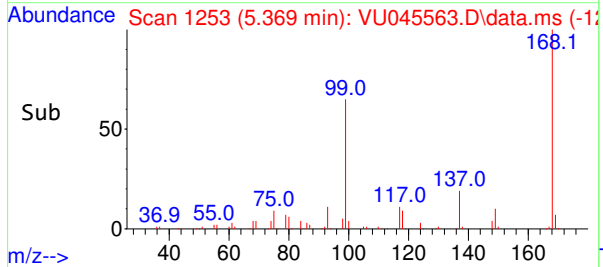
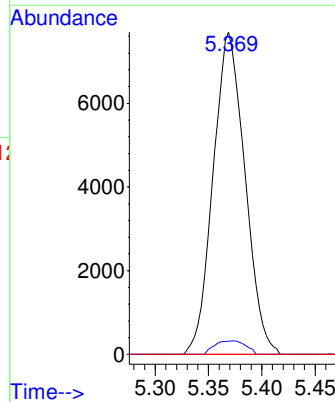
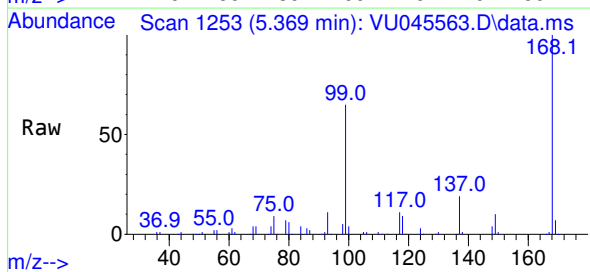




#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.369 min Scan# 1160
Delta R.T. -0.161 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

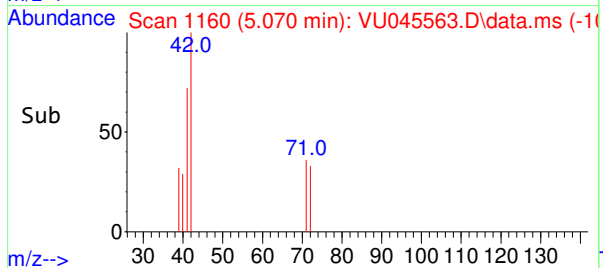
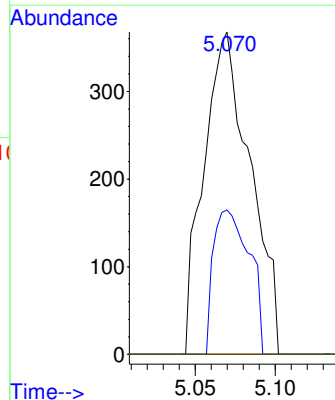
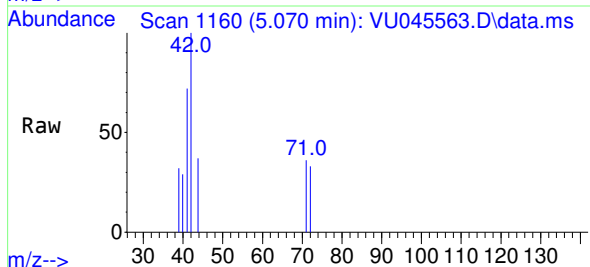
Instrument : MSVOA_U
ClientSampleId : T2-B1-N

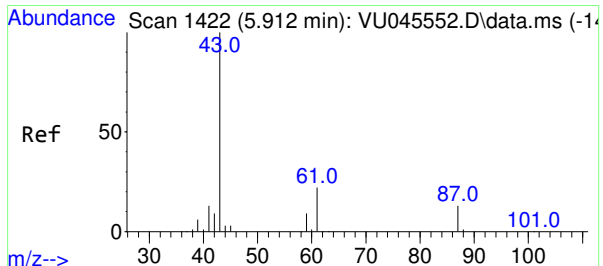
Tgt Ion:	117	Resp:	15983
Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.4	116.0#
121	0.0	24.8	37.2#



#41
Methacrylonitrile
Concen: 0.45 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.100 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion:	41	Resp:	743
Ion	Ratio	Lower	Upper
41	100		
39	34.9	43.4	65.0#
67	0.0	61.0	91.4#
52	0.0	23.4	35.0#

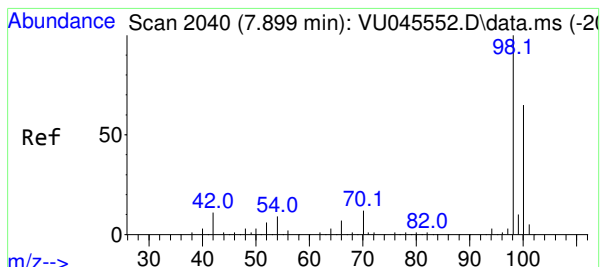
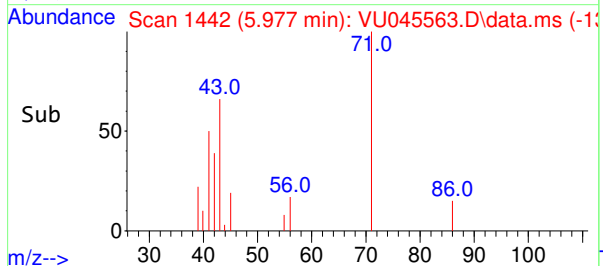
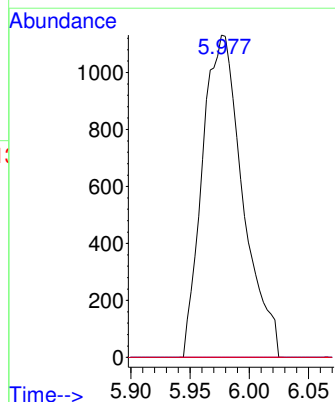
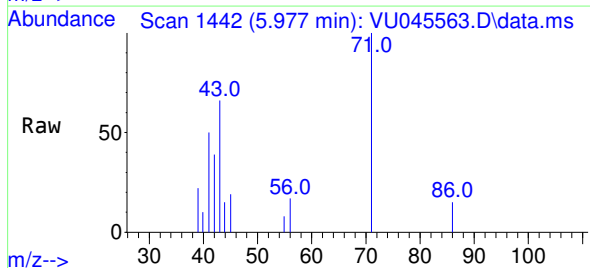




#43
Isopropyl Acetate
Concen: 0.56 ug/l
RT: 5.977 min Scan# 1
Delta R.T. 0.064 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

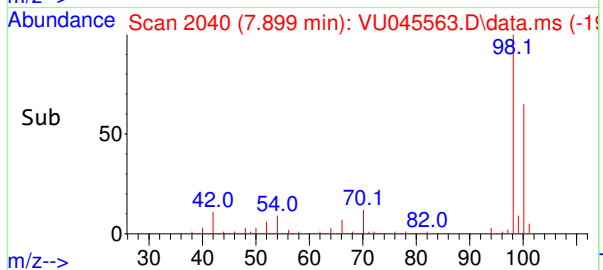
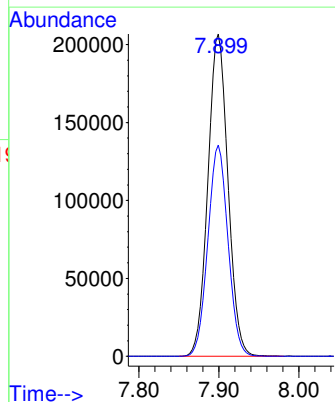
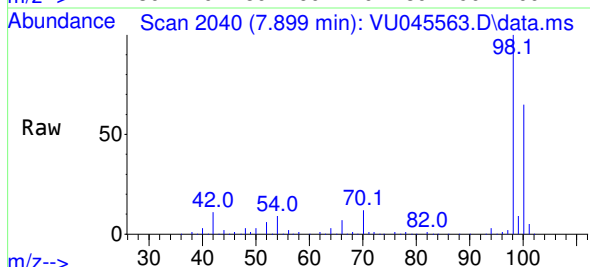
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

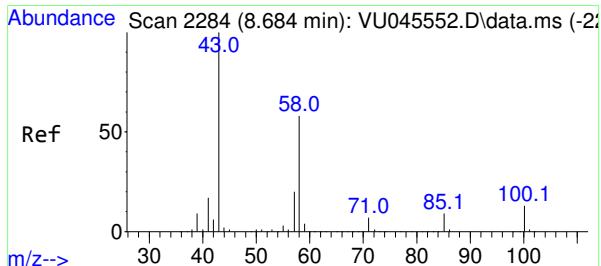
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
61 0.0 16.9 25.3#
87 0.0 11.0 16.4#



#50
Toluene-d8
Concen: 51.91 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 98 Resp: 362252
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

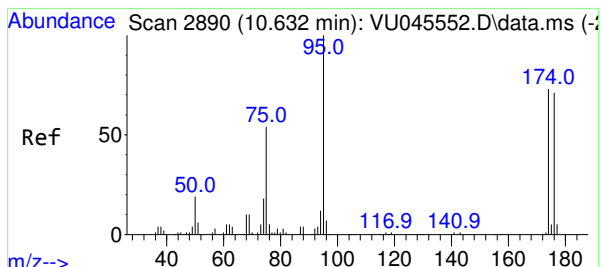
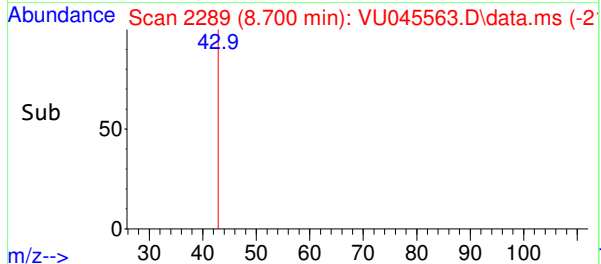
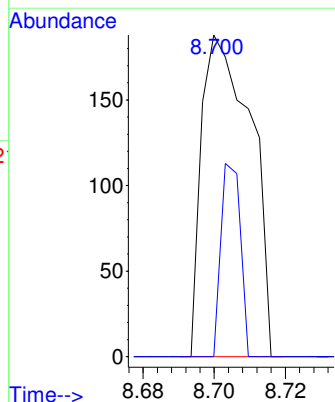
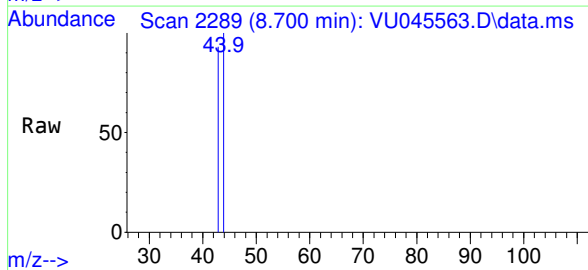




#59
2-Hexanone
Concen: 7.60 ug/l
RT: 8.700 min Scan# 2
Delta R.T. 0.016 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

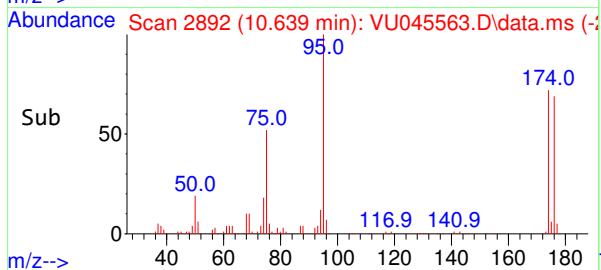
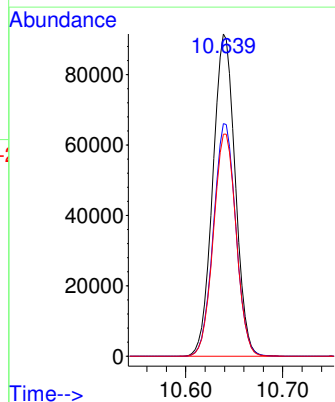
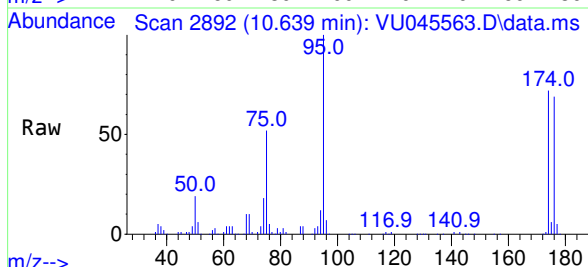
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

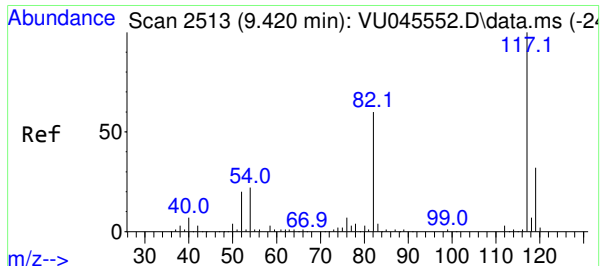
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
58 23.3 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 52.38 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 95 Resp: 146582
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 70.0 0.0 138.2

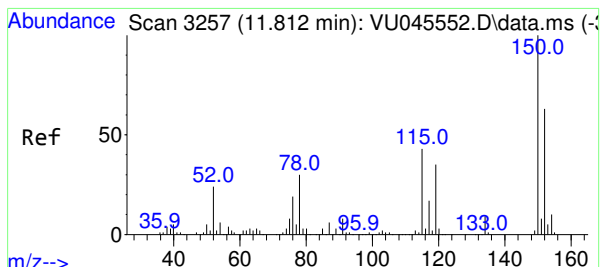
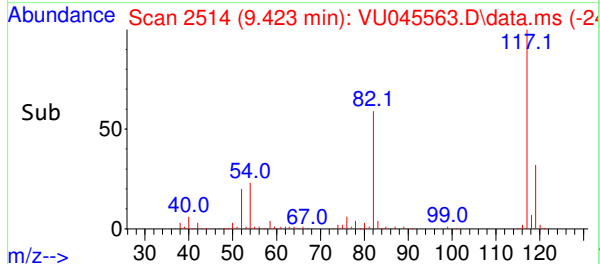
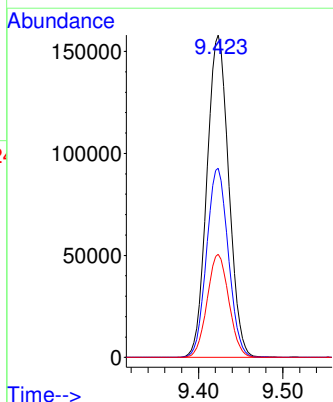
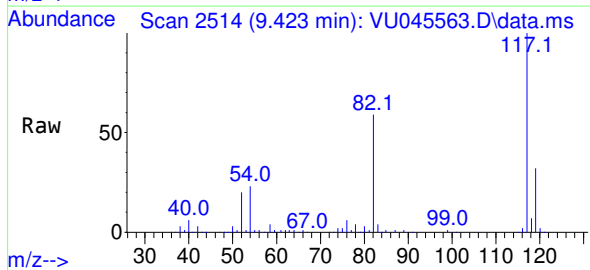




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

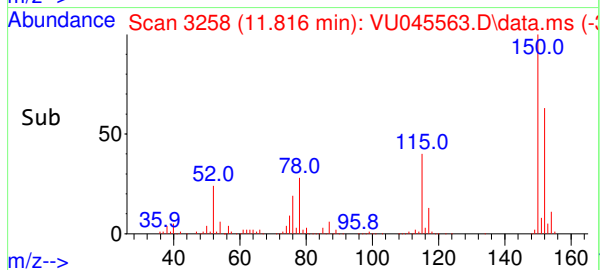
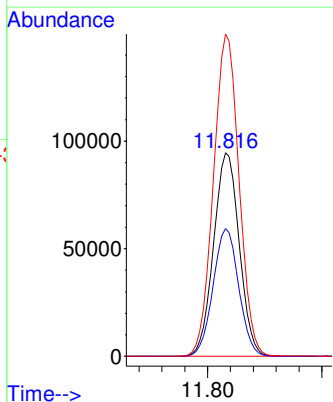
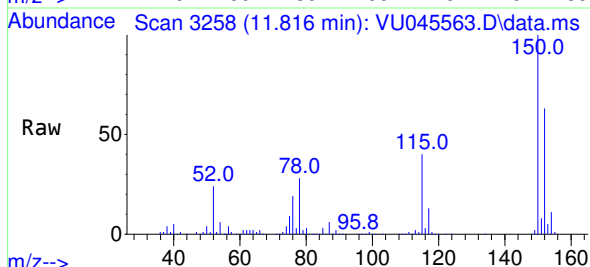
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

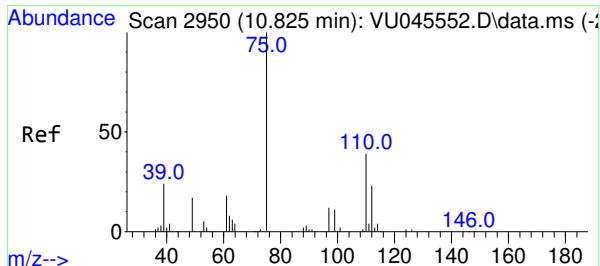
Tgt Ion:117 Resp: 283865
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion:152 Resp: 147765
Ion Ratio Lower Upper
152 100
115 62.7 42.7 128.1
150 158.1 0.0 346.8

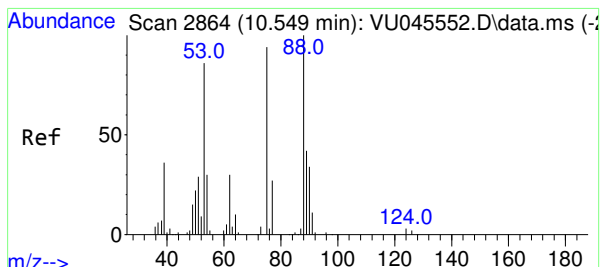
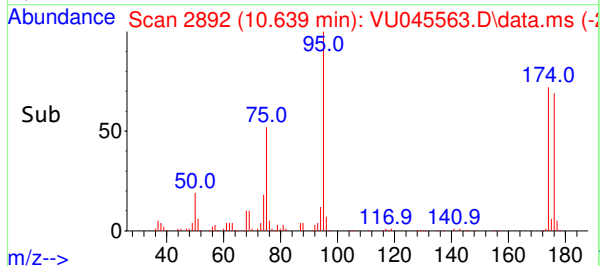
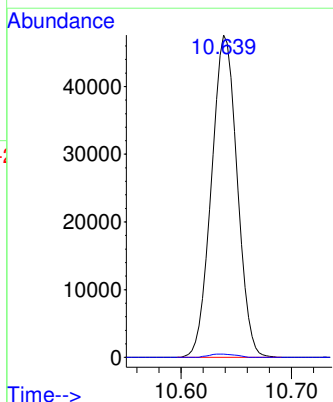
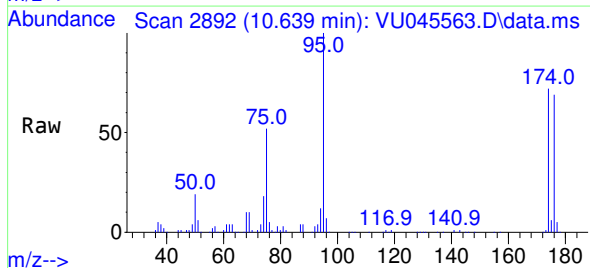




#76
1,2,3-Trichloropropane
Concen: 17.16 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.186 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

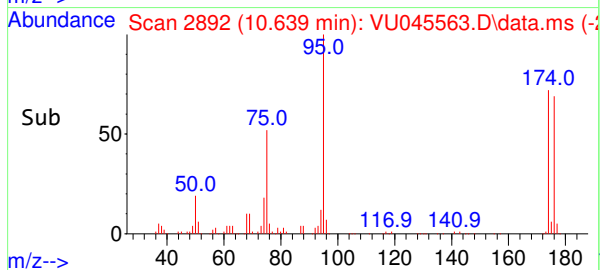
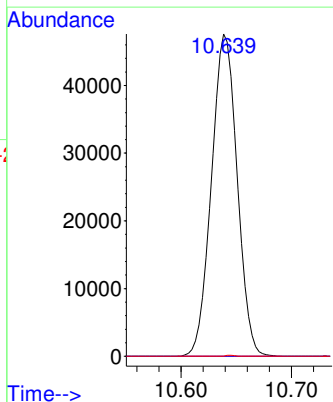
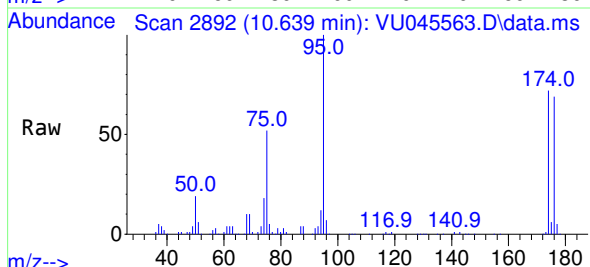
Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

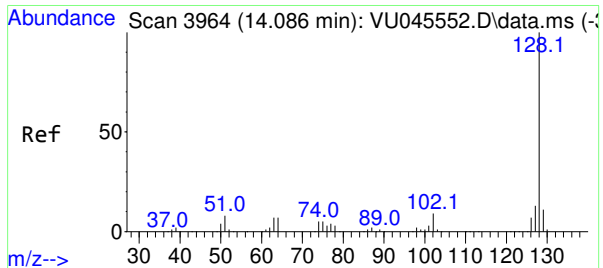
Tgt Ion: 75 Resp: 76907
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.85 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.090 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Tgt Ion: 75 Resp: 76907
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.1 34.0 51.0#





#95
Naphthalene
Concen: 1.11 ug/l
RT: 14.092 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU045563.D
Acq: 05 Nov 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
T2-B1-N

Tgt Ion:	128	Resp:	1030
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.6	15.8#
129	0.0	8.6	13.0#

