

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049468.D
 Acq On : 28 Jun 2022 19:06
 Operator : SY/MD
 Sample : N3480-02DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40815DL

Quant Time: Jun 28 19:31:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

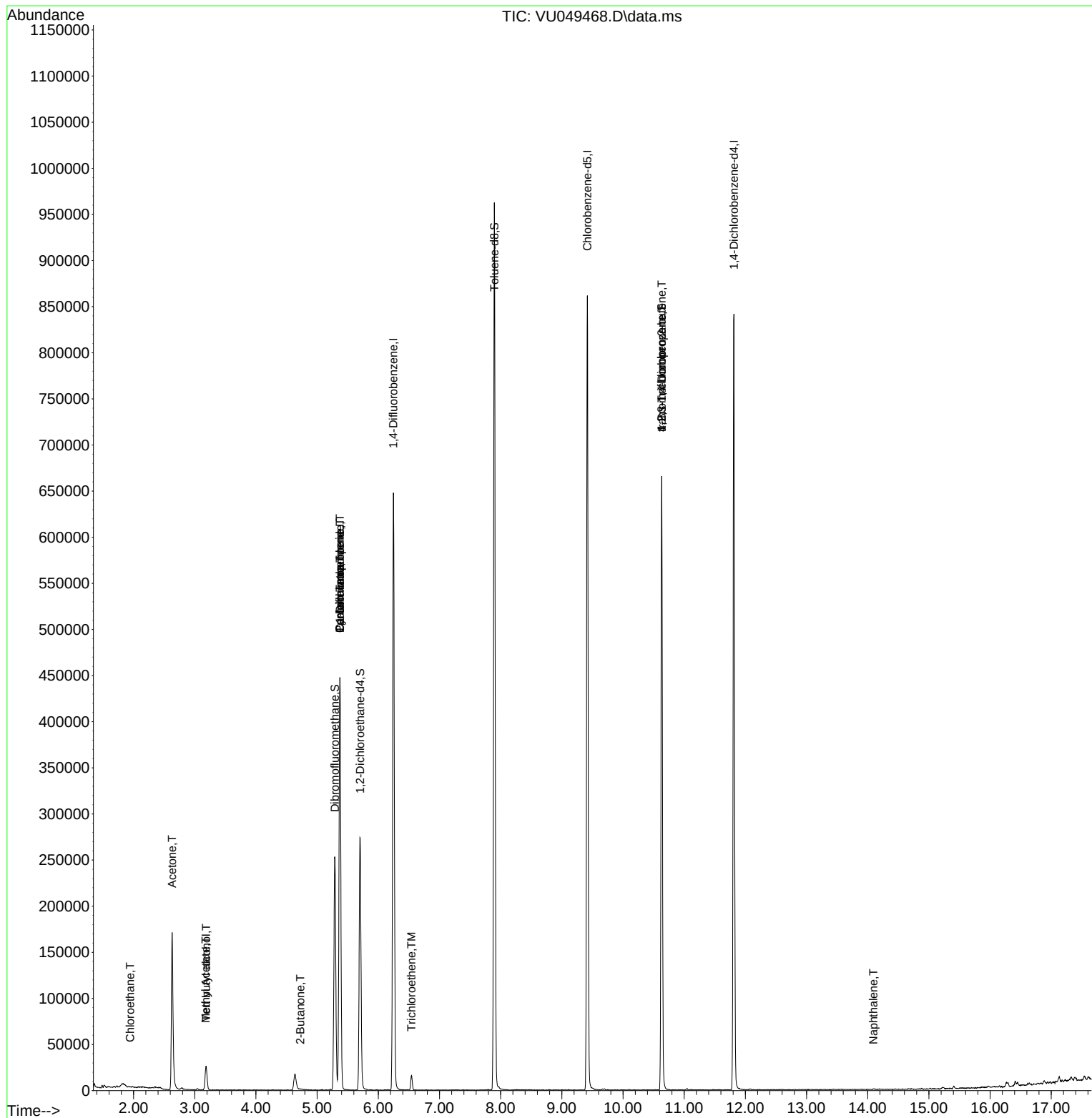
Internal Standards						
1) Pentafluorobenzene	5.372	168	310406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	531149	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	473185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	222675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	204900	42.862	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.720%
35) Dibromofluoromethane	5.289	113	166321	44.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	7.896	98	636923	48.055	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	10.632	95	230131	45.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
						Qvalue
3) Chloromethane	1.517	50	1945	Below Cal		94
6) Chloroethane	1.945	64	164	1.983	ug/l #	44
11) Tert butyl alcohol	3.186	59	17318	15.478	ug/l #	39
16) Acetone	2.630	43	206740	85.757	ug/l	99
18) Methyl Acetate	3.179	43	2738	0.420	ug/l #	47
20) Methylene Chloride	3.041	84	639	Below Cal	#	84
25) 2-Butanone	4.726	43	862	0.239	ug/l #	84
31) Cyclohexane	5.372	56	5855	0.816	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24954	4.631	ug/l #	49
38) Carbon Tetrachloride	5.372	117	30857	5.461	ug/l #	16
44) Trichloroethene	6.539	130	5776	1.494	ug/l	95
76) 1,2,3-Trichloropropane	10.632	75	114957	15.229	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	114957	56.239	ug/l #	15
95) Naphthalene	14.092	128	831	1.782	ug/l #	76

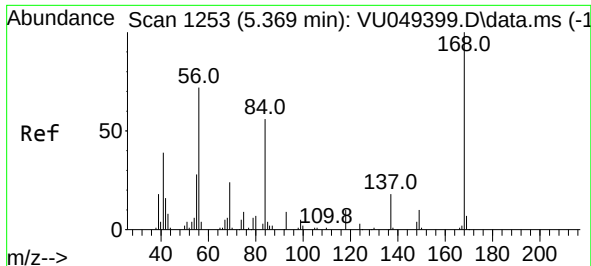
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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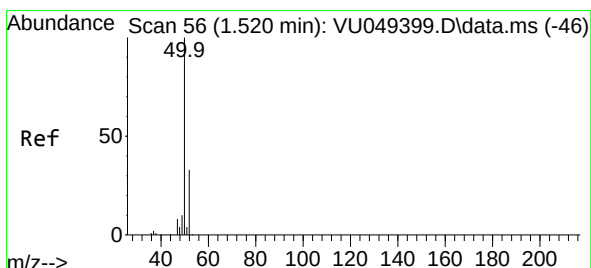
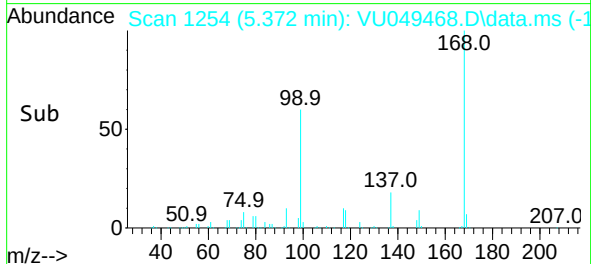
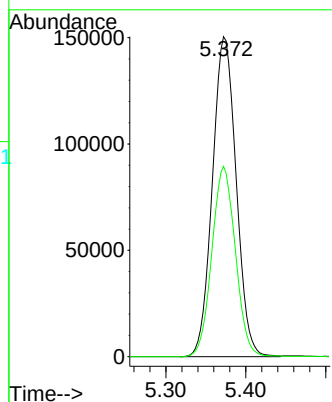
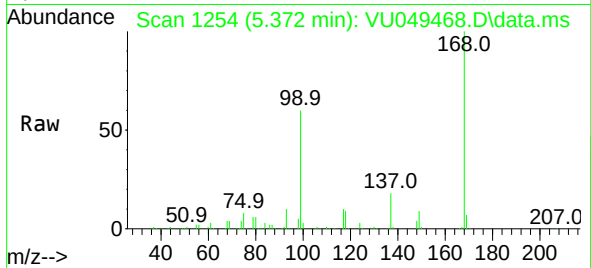




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

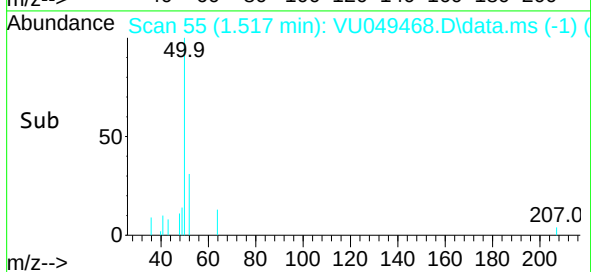
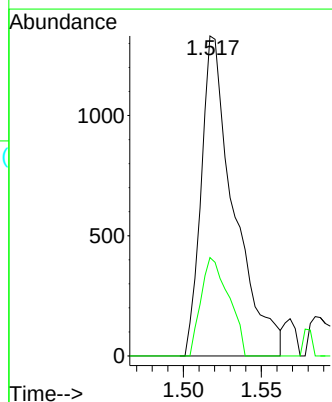
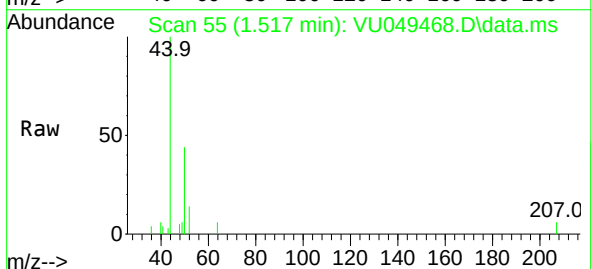
Instrument :
MSVOA_U
ClientSampleId :
40815DL

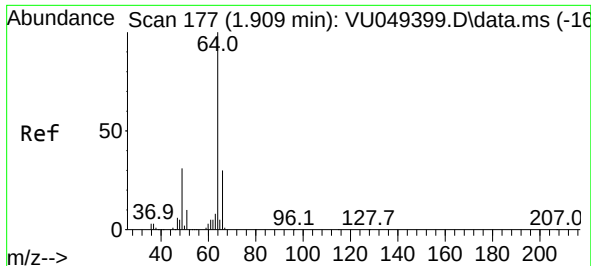
Tgt Ion:168 Resp: 310406
Ion Ratio Lower Upper
168 100
99 59.5 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion: 50 Resp: 1945
Ion Ratio Lower Upper
50 100
52 30.7 27.4 41.2

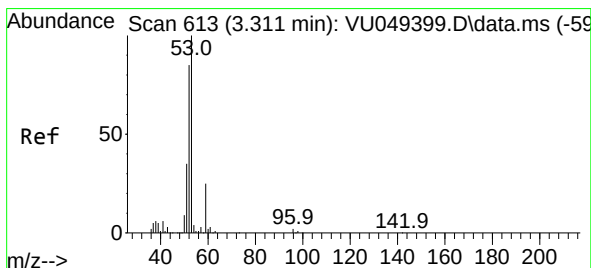
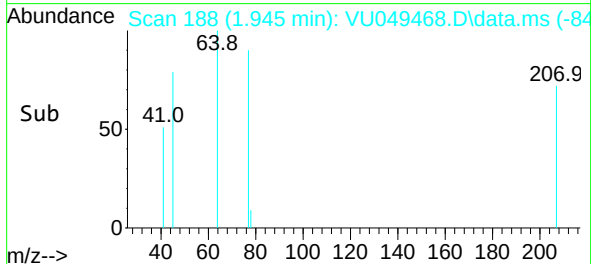
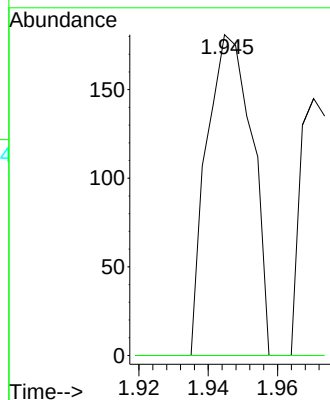
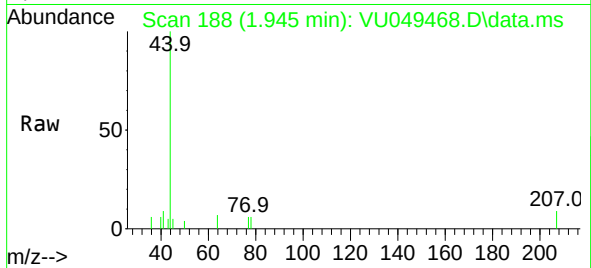




#6
Chloroethane
Concen: 1.983 ug/l
RT: 1.945 min Scan# 11
Delta R.T. 0.036 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

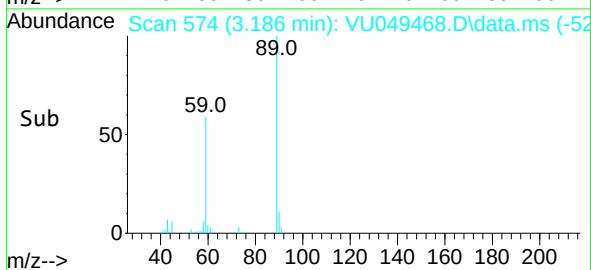
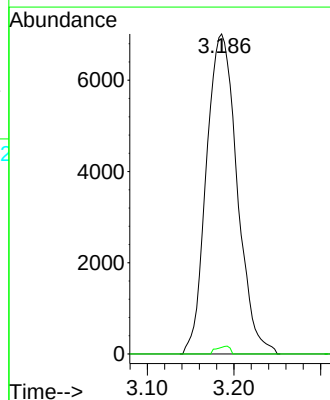
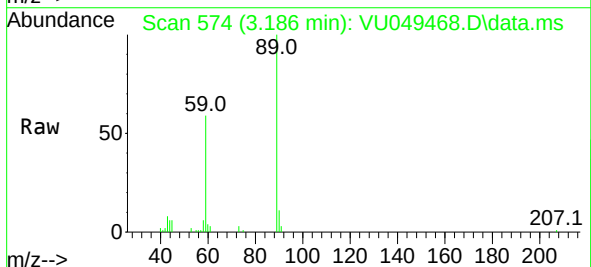
Instrument :
MSVOA_U
ClientSampleId :
40815DL

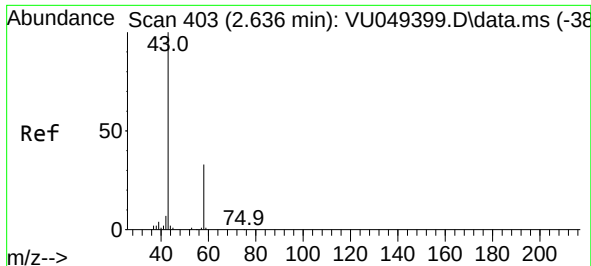
Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 15.478 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion: 59 Resp: 17318
Ion Ratio Lower Upper
59 100
57 1.1 30.6 45.8#





#16

Acetone

Concen: 85.757 ug/l

RT: 2.630 min Scan# 403

Delta R.T. -0.006 min

Lab File: VU049468.D

Acq: 28 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

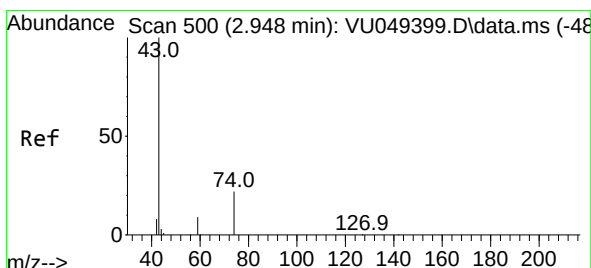
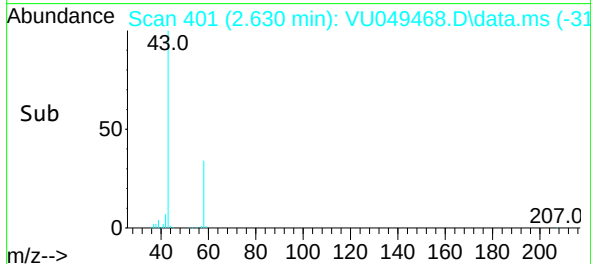
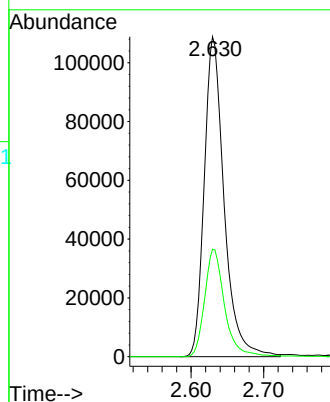
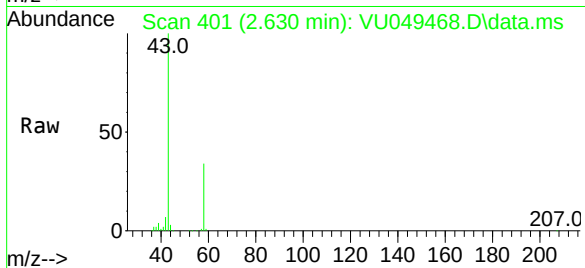
40815DL

Tgt Ion: 43 Resp: 206740

Ion Ratio Lower Upper

43 100

58 33.6 27.5 41.3



#18

Methyl Acetate

Concen: 0.420 ug/l

RT: 3.179 min Scan# 572

Delta R.T. 0.232 min

Lab File: VU049468.D

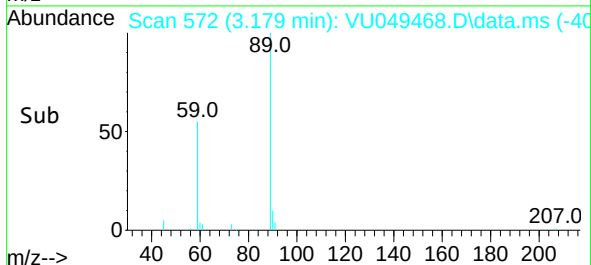
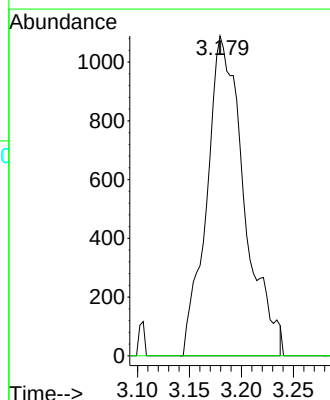
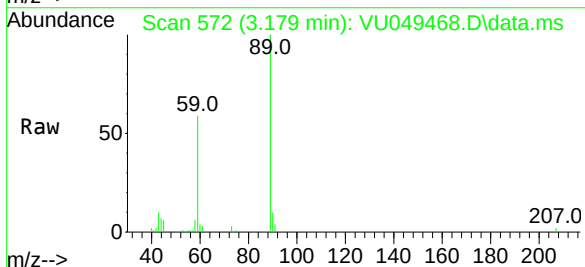
Acq: 28 Jun 2022 19:06

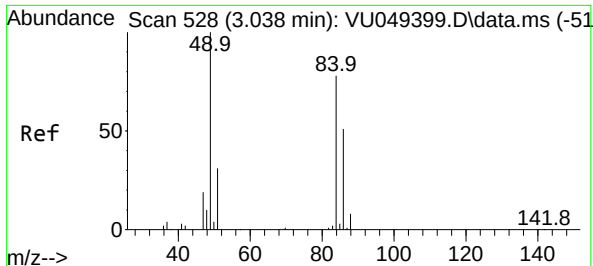
Tgt Ion: 43 Resp: 2738

Ion Ratio Lower Upper

43 100

74 0.0 22.5 33.7#

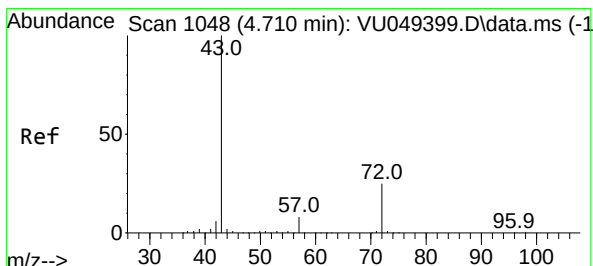
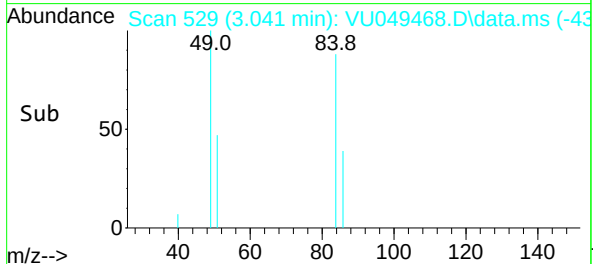
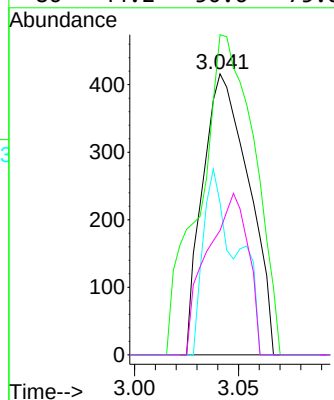
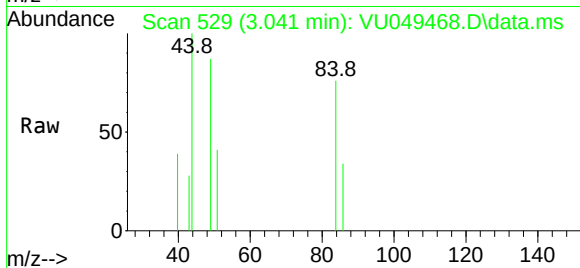




#20
Methylene Chloride
Concen: Below Cal
RT: 3.041 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

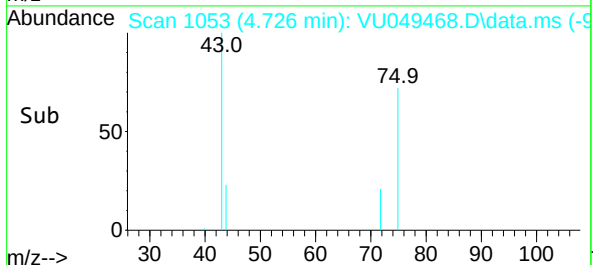
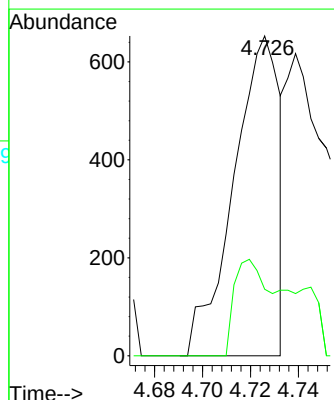
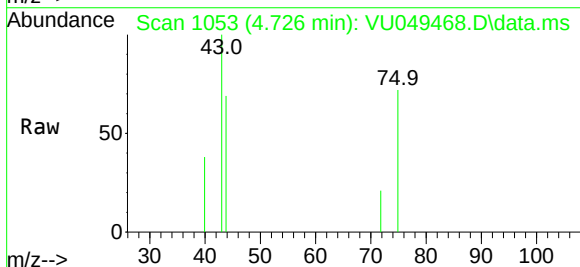
Instrument :
MSVOA_U
ClientSampleId :
40815DL

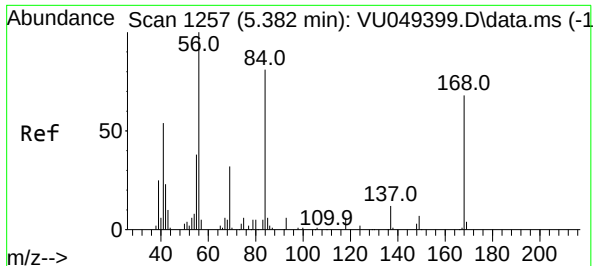
Tgt Ion:	84	Resp:	639
Ion	Ratio	Lower	Upper
84	100		
49	113.9	86.6	129.8
51	54.1	26.6	40.0#
86	44.2	50.6	75.8#



#25
2-Butanone
Concen: 0.239 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion:	43	Resp:	862
Ion	Ratio	Lower	Upper
43	100		
72	20.8	23.8	35.6#

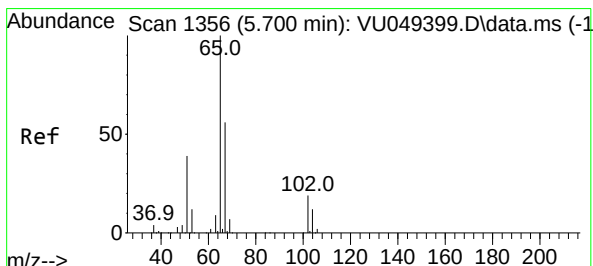
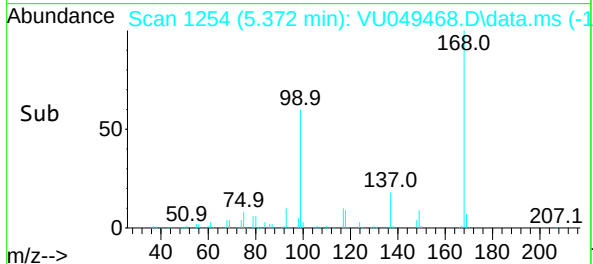
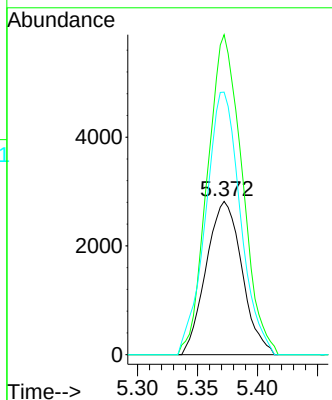
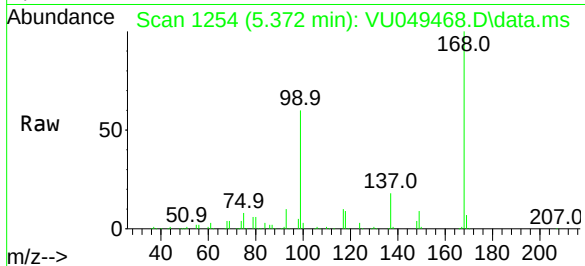




#31
Cyclohexane
Concen: 0.816 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

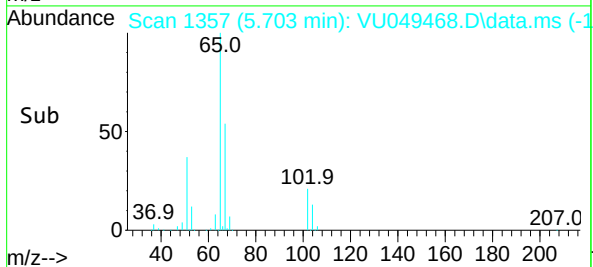
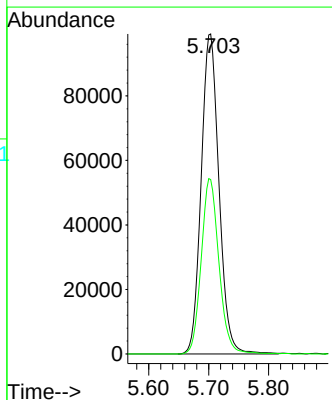
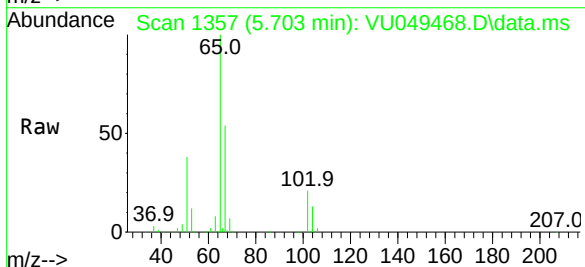
Instrument :
MSVOA_U
ClientSampleId :
40815DL

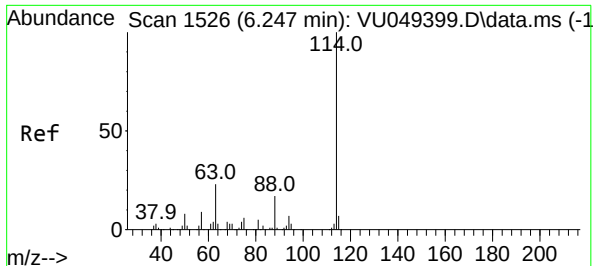
Tgt Ion: 56 Resp: 5855
Ion Ratio Lower Upper
56 100
69 208.8 27.8 41.8#
84 171.3 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 42.862 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion: 65 Resp: 204900
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 114

Delta R.T. 0.000 min

Lab File: VU049468.D

Acq: 28 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

40815DL

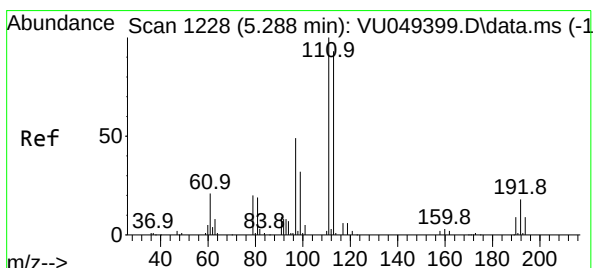
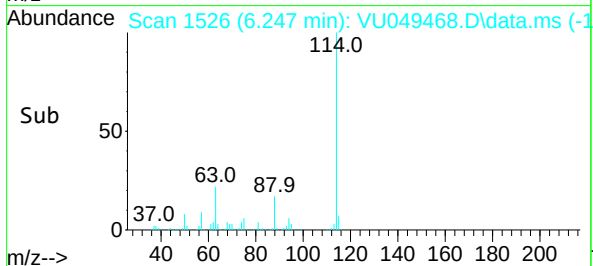
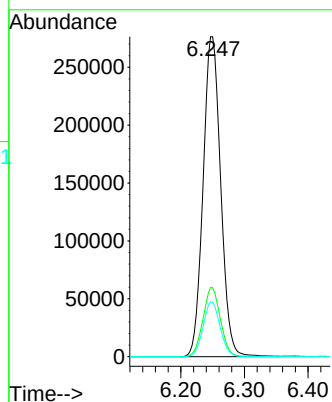
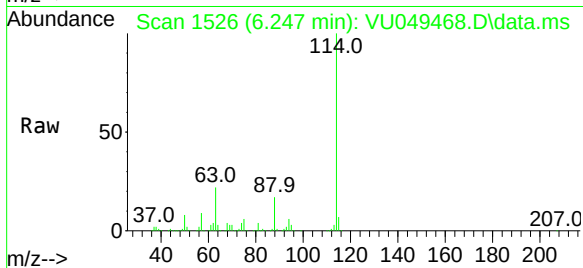
Tgt Ion:114 Resp: 531149

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 17.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.757 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049468.D

Acq: 28 Jun 2022 19:06

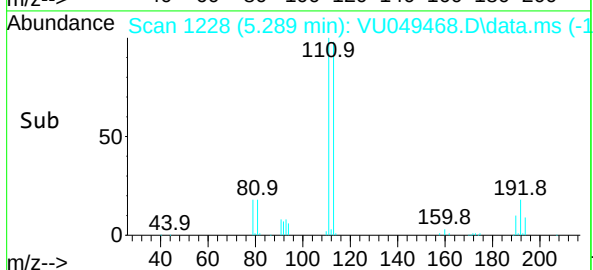
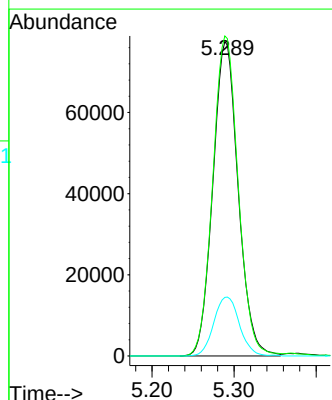
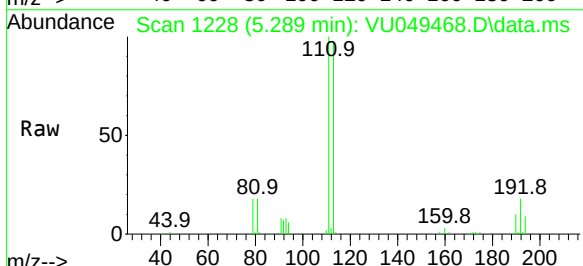
Tgt Ion:113 Resp: 166321

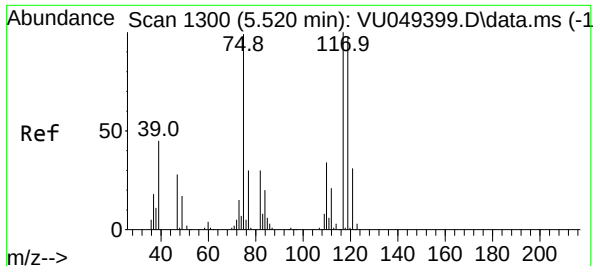
Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 19.0 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.631 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049468.D

Acq: 28 Jun 2022 19:06

Instrument :

MSVOA_U

ClientSampleId :

40815DL

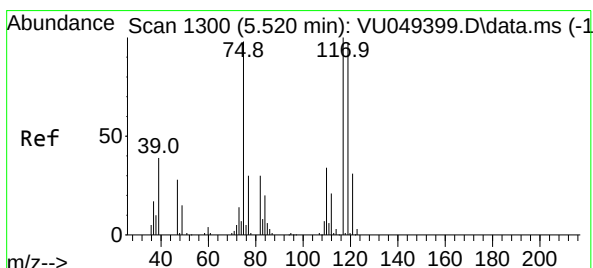
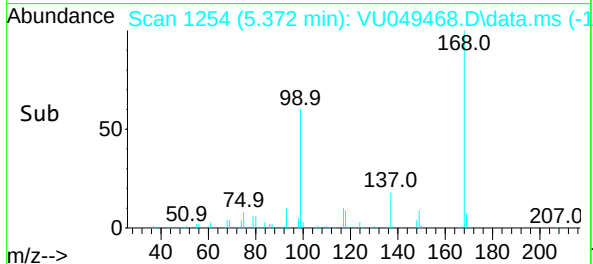
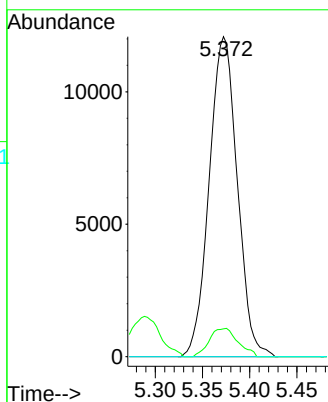
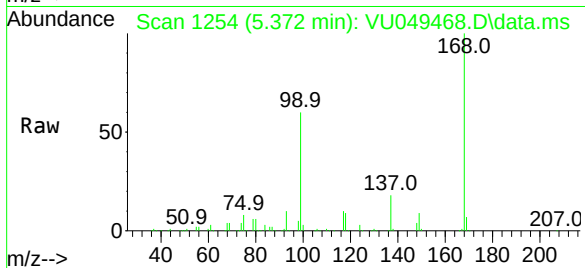
Tgt Ion: 75 Resp: 24954

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.461 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049468.D

Acq: 28 Jun 2022 19:06

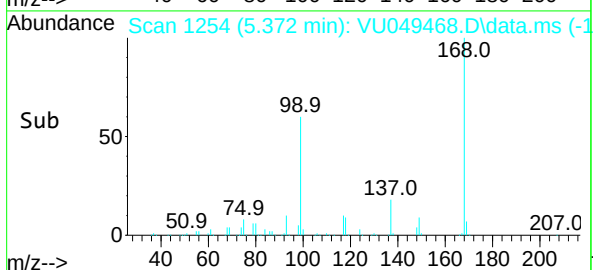
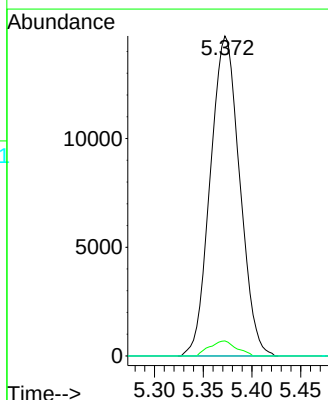
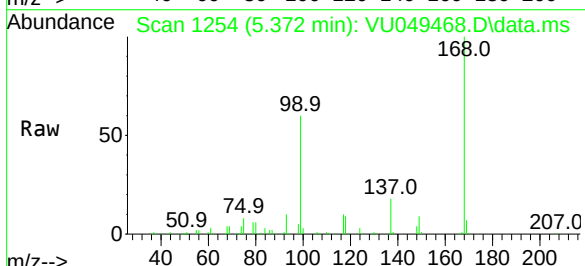
Tgt Ion: 117 Resp: 30857

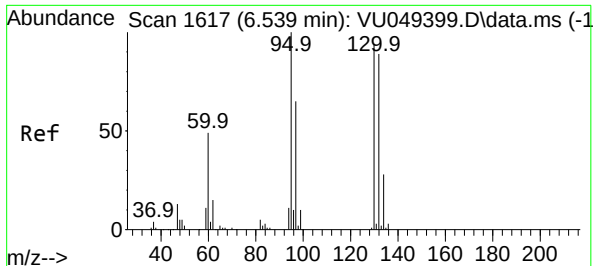
Ion Ratio Lower Upper

117 100

119 4.7 76.8 115.2#

121 0.0 24.7 37.1#

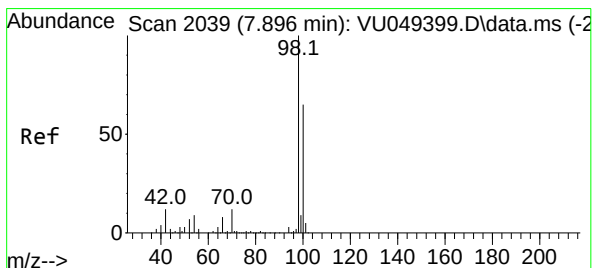
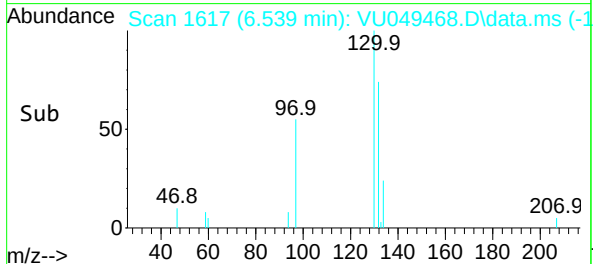
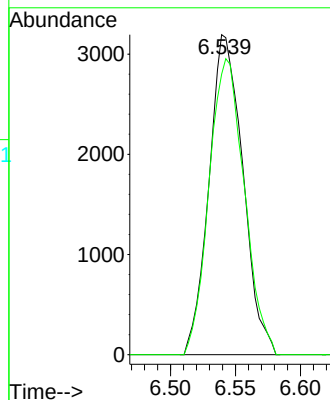
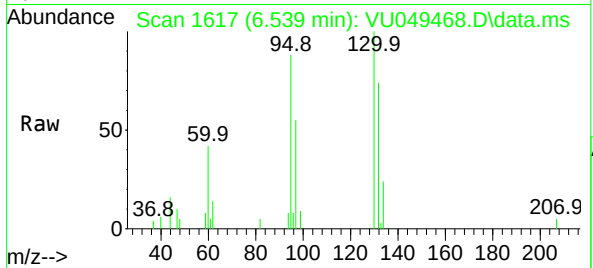




#44
Trichloroethene
Concen: 1.494 ug/l
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

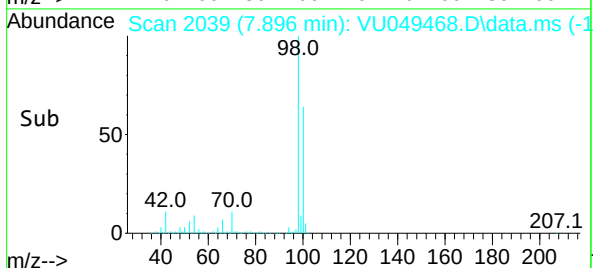
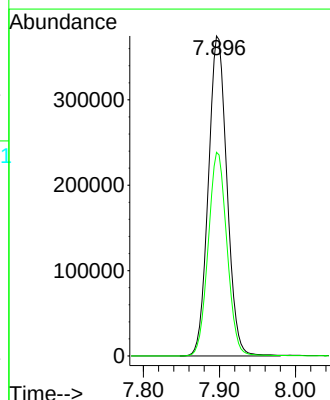
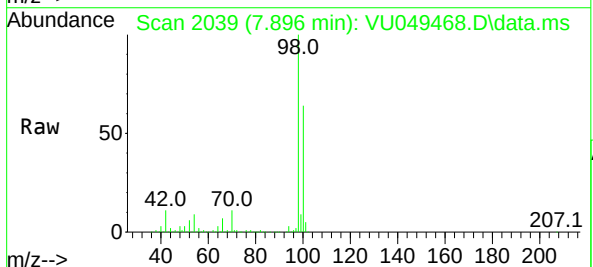
Instrument :
MSVOA_U
ClientSampleId :
40815DL

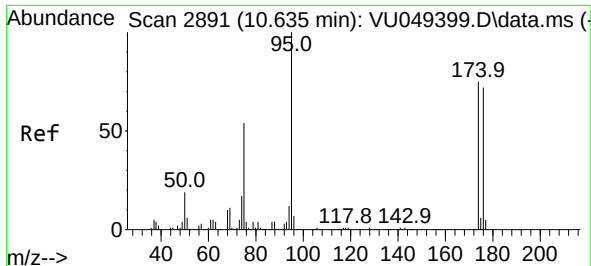
Tgt Ion:130 Resp: 5776
Ion Ratio Lower Upper
130 100
95 87.6 0.0 184.6



#50
Toluene-d8
Concen: 48.055 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion: 98 Resp: 636923
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

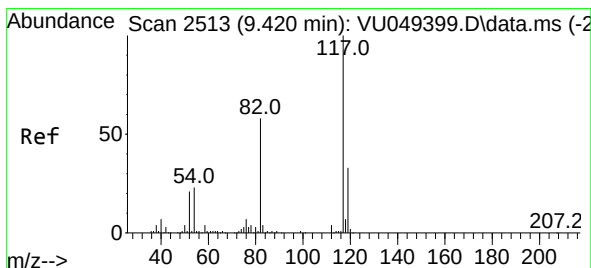
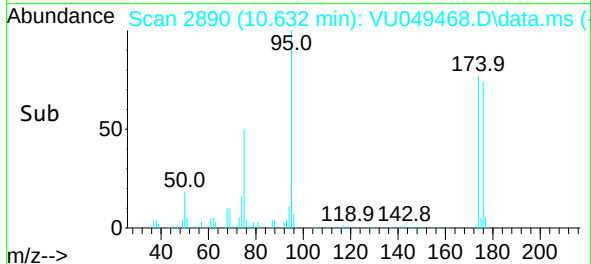
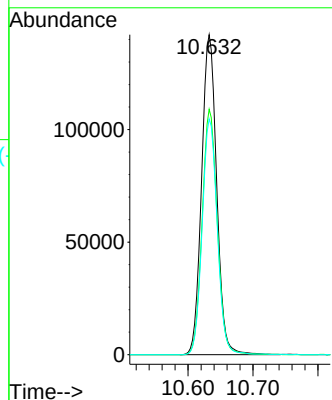
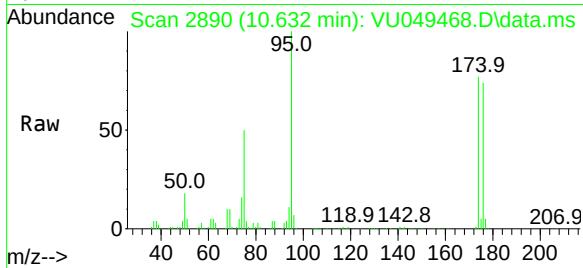




#62
4-Bromofluorobenzene
Concen: 45.326 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

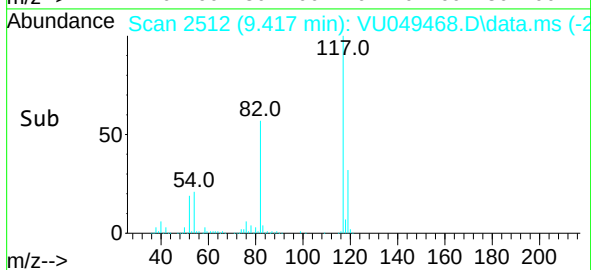
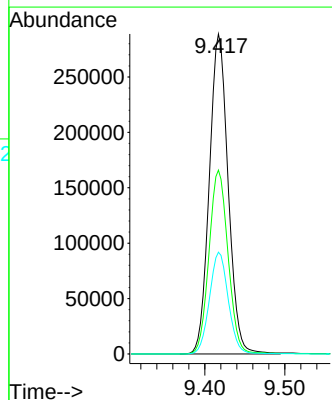
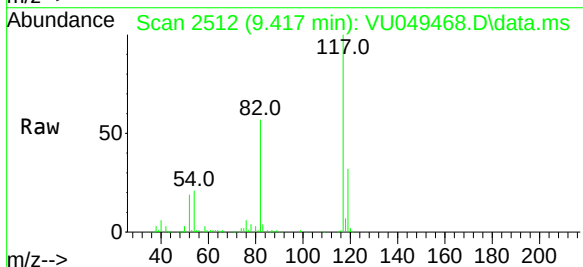
Instrument :
MSVOA_U
ClientSampleId :
40815DL

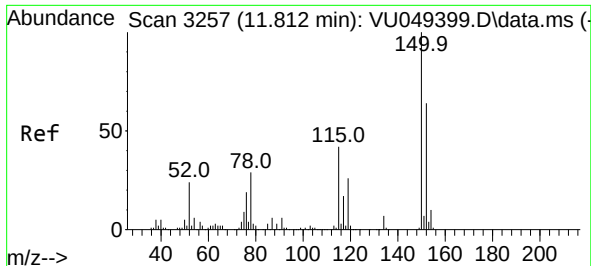
Tgt Ion: 95 Resp: 230131
Ion Ratio Lower Upper
95 100
174 76.6 0.0 182.0
176 73.5 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion: 117 Resp: 473185
Ion Ratio Lower Upper
117 100
82 57.5 41.7 62.5
119 31.8 25.7 38.5

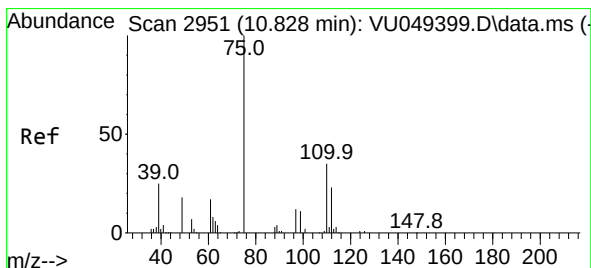
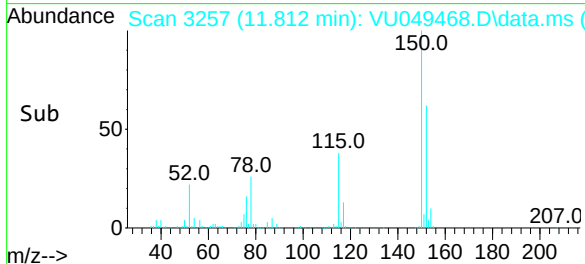
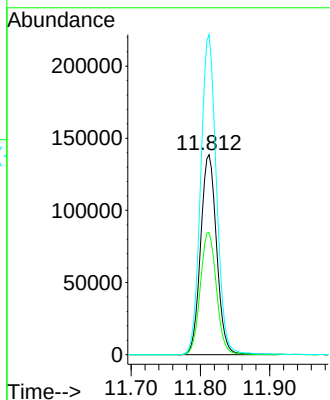
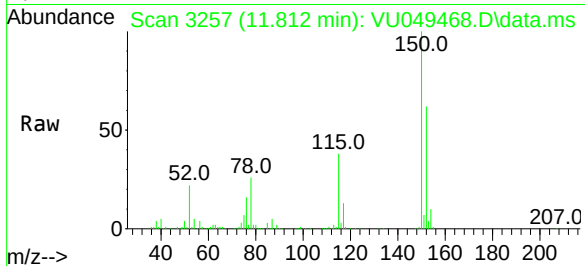




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049468.D
 Acq: 28 Jun 2022 19:06

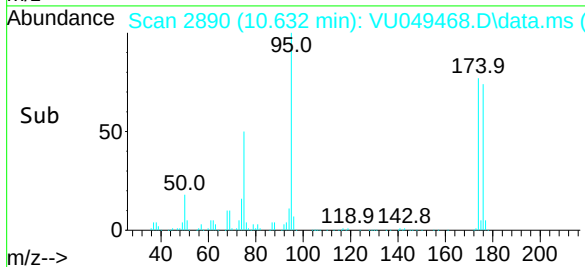
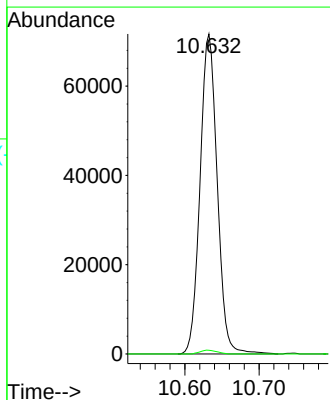
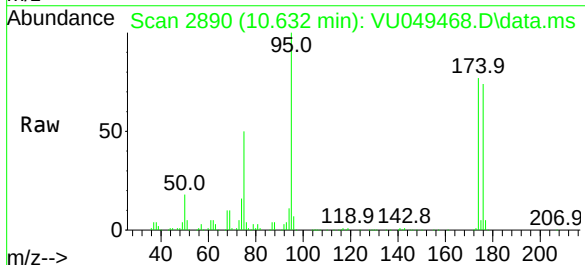
Instrument :
 MSVOA_U
 ClientSampleId :
 40815DL

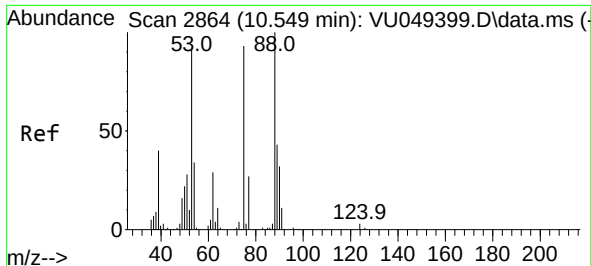
Tgt Ion:152 Resp: 222675
 Ion Ratio Lower Upper
 152 100
 115 61.6 37.0 110.9
 150 157.2 0.0 342.2



#76
 1,2,3-Trichloropropane
 Concen: 15.229 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.196 min
 Lab File: VU049468.D
 Acq: 28 Jun 2022 19:06

Tgt Ion: 75 Resp: 114957
 Ion Ratio Lower Upper
 75 100
 77 1.2 15.8 47.3#

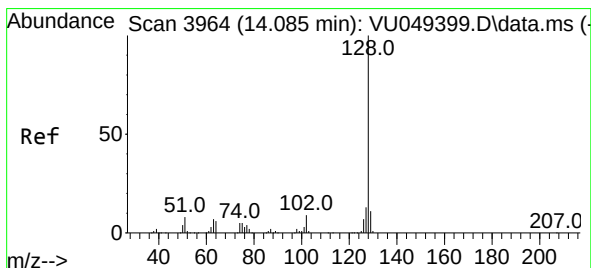
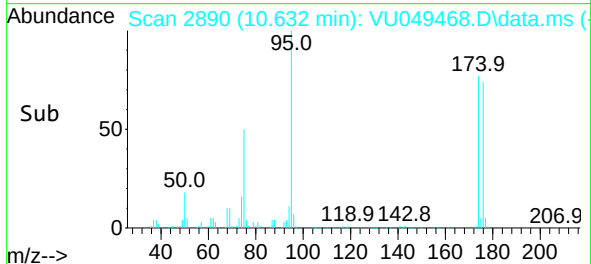
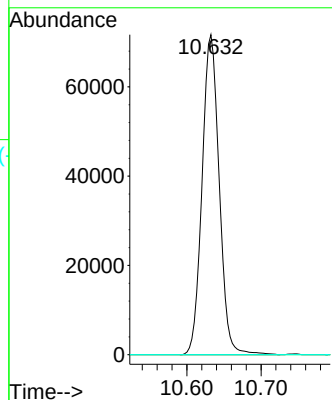
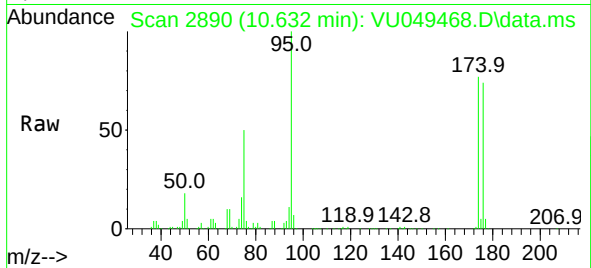




#81
trans-1,4-Dichloro-2-butene
Concen: 56.239 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Instrument :
MSVOA_U
ClientSampleId :
40815DL

Tgt Ion: 75 Resp: 114957
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 1.782 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049468.D
Acq: 28 Jun 2022 19:06

Tgt Ion: 128 Resp: 831
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.2 8.6 13.0#

