

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049540.D
 Acq On : 30 Jun 2022 03:08
 Operator : SY/MD
 Sample : N3525-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 04:14:17 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)

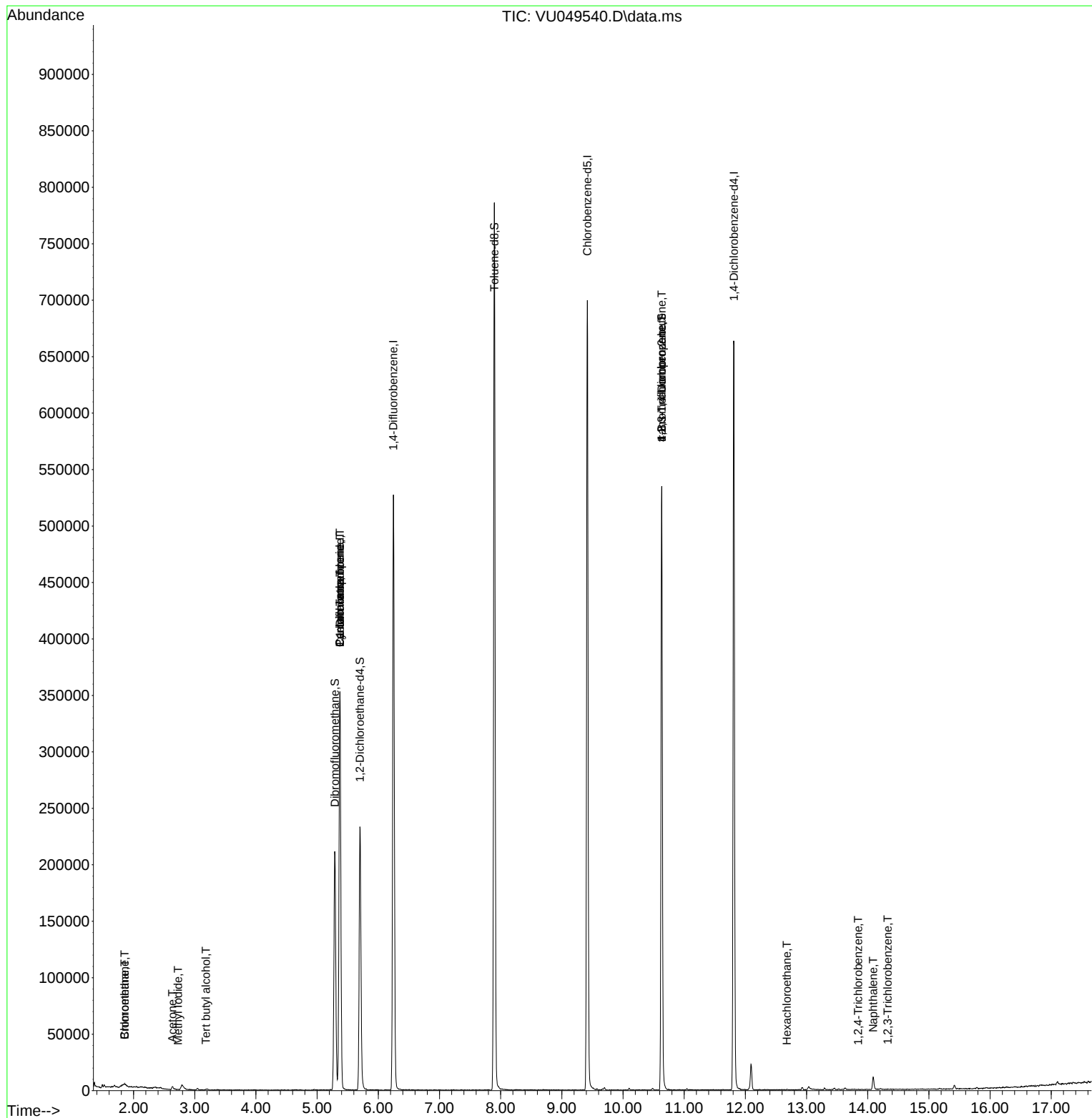
Internal Standards						
1) Pentafluorobenzene	5.372	168	242034	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	428991	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	389592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172733	46.340	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.289	113	136985	45.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	7.896	98	514961	48.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.200%
62) 4-Bromofluorobenzene	10.632	95	181382	44.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1987	Below Cal		95
5) Bromomethane	1.855	94	333	0.273	ug/l #	59
6) Chloroethane	1.855	64	100	1.969	ug/l #	44
10) Methyl Iodide	2.726	142	92	7.543	ug/l #	43
11) Tert butyl alcohol	3.183	59	415	0.476	ug/l #	37
16) Acetone	2.636	43	3490	1.857	ug/l	97
20) Methylene Chloride	3.041	84	472	Below Cal	#	74
31) Cyclohexane	5.372	56	5092	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19425	4.464	ug/l #	49
38) Carbon Tetrachloride	5.372	117	25543	5.597	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	93448	15.815	ug/l #	46
81) trans-1,4-Dichloro-2-b...	10.632	75	93448	58.405	ug/l #	15
90) Hexachloroethane	12.677	117	459	0.213	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.841	180	96	1.778	ug/l #	12
95) Naphthalene	14.089	128	10471	2.477	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.327	180	72	1.195	ug/l #	41

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

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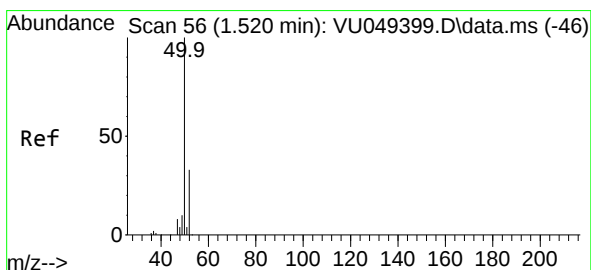
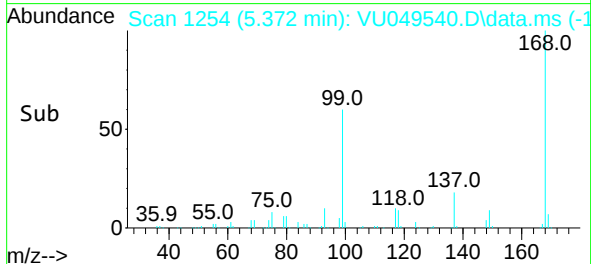
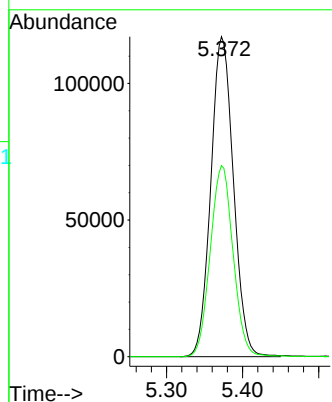
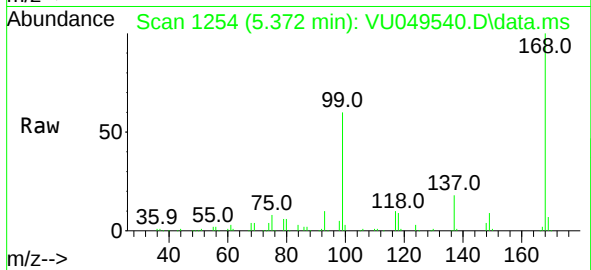




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

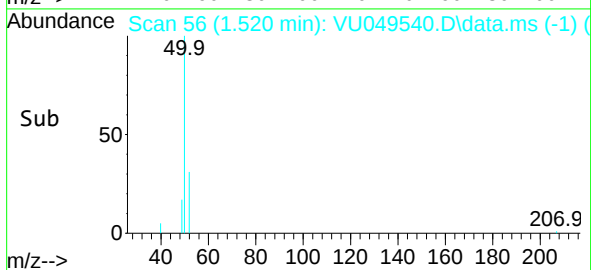
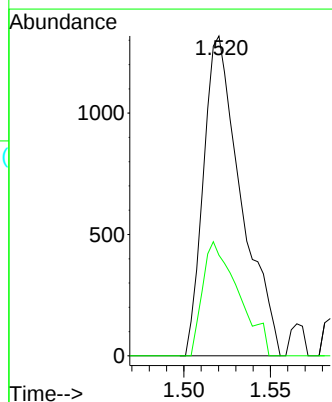
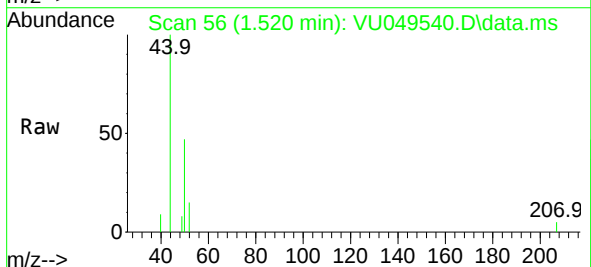
Instrument :
MSVOA_U
ClientSampleId :

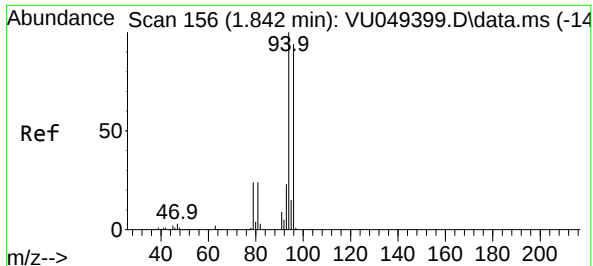
Tgt Ion:168 Resp: 242034
Ion Ratio Lower Upper
168 100
99 59.7 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

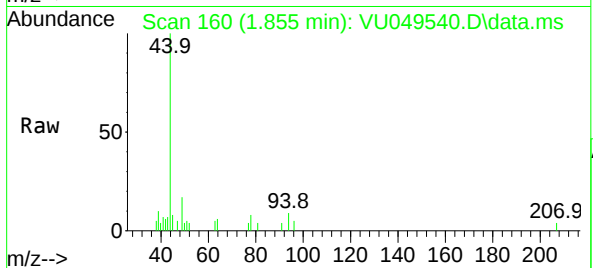
Tgt Ion: 50 Resp: 1987
Ion Ratio Lower Upper
50 100
52 31.5 27.4 41.2



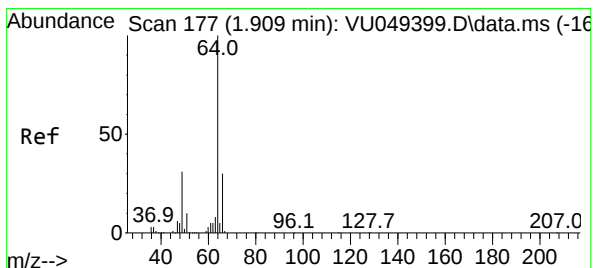
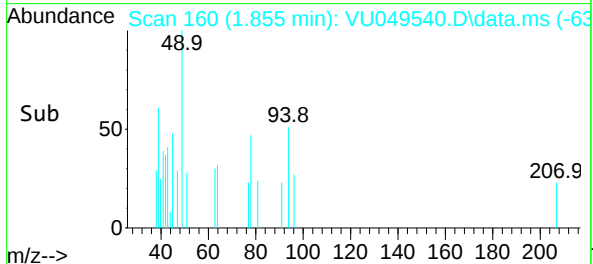
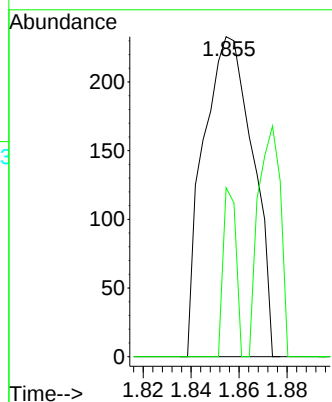


#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.855 min Scan# 160
Delta R.T. 0.013 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Instrument :
MSVOA_U
ClientSampleId :

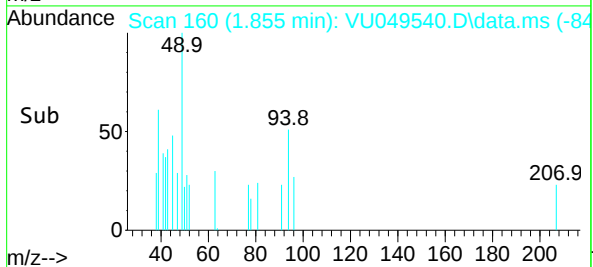
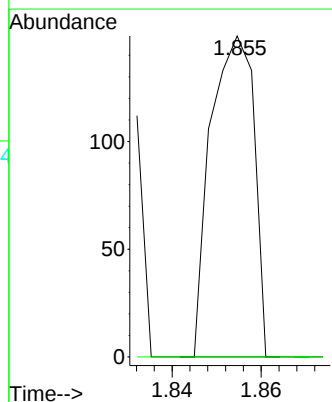
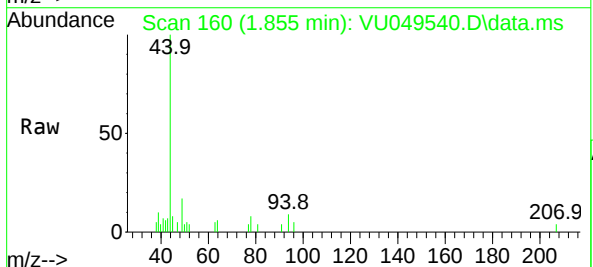


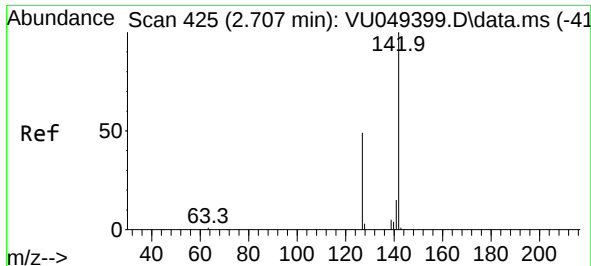
Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 52.8 73.7 110.5#



#6
Chloroethane
Concen: 1.969 ug/l
RT: 1.855 min Scan# 160
Delta R.T. -0.054 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

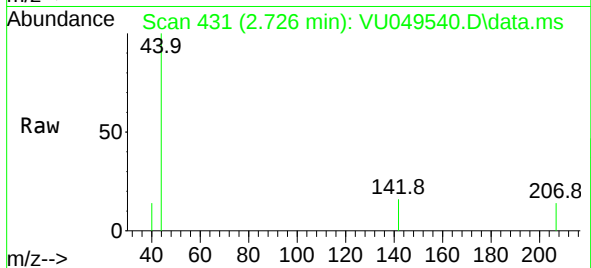
Tgt Ion: 64 Resp: 100
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



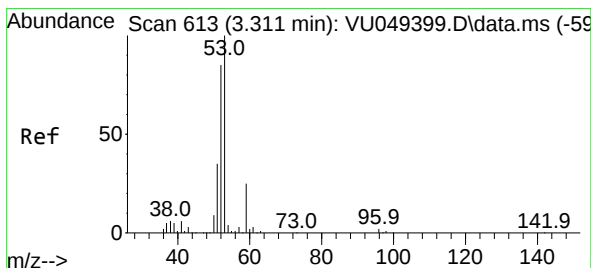
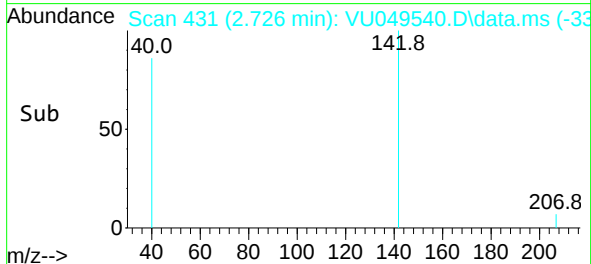
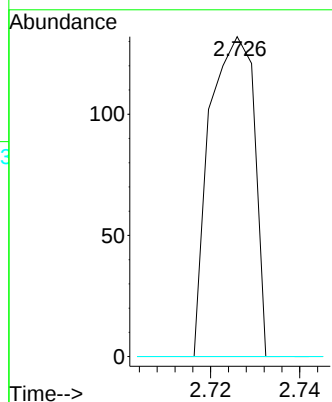


#10
Methyl Iodide
Concen: 7.543 ug/l
RT: 2.726 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Instrument :
MSVOA_U
ClientSampleId :

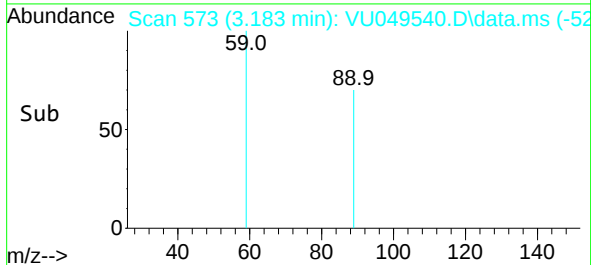
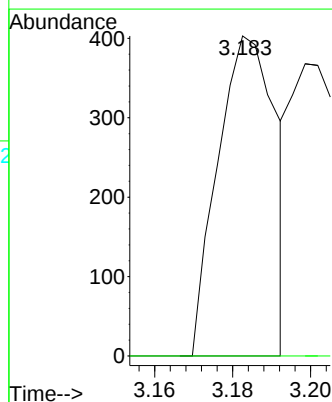
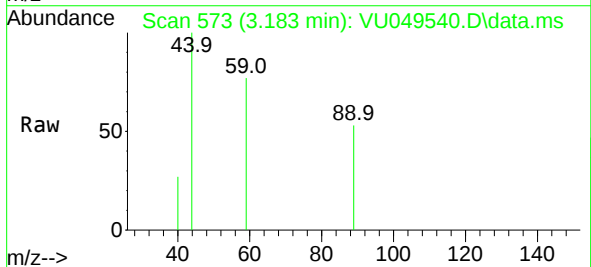


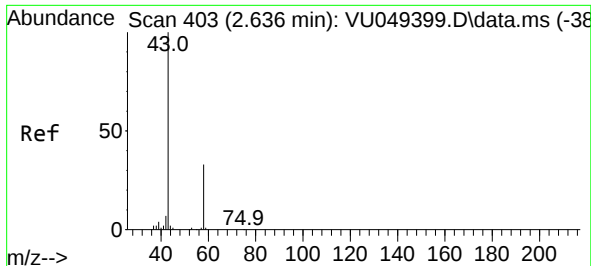
Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.476 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.128 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Tgt Ion: 59 Resp: 415
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#





#16

Acetone

Concen: 1.857 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU049540.D

Acq: 30 Jun 2022 03:08

Instrument :

MSVOA_U

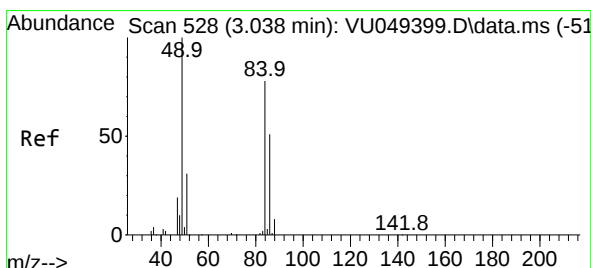
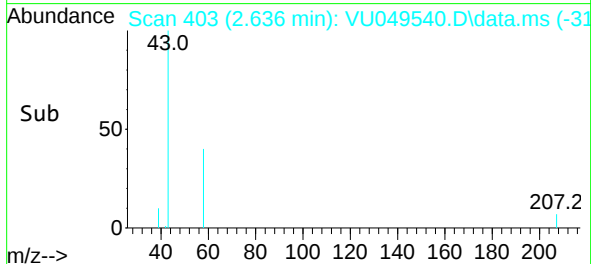
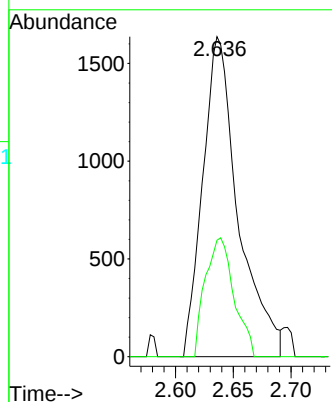
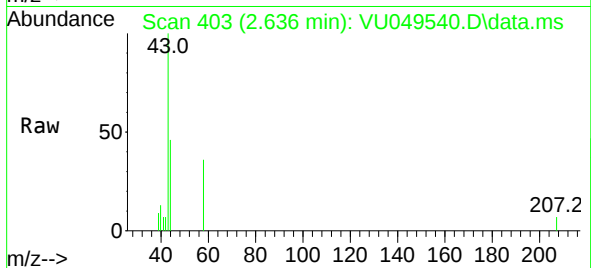
ClientSampleId :

Tgt Ion: 43 Resp: 3490

Ion Ratio Lower Upper

43 100

58 36.4 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049540.D

Acq: 30 Jun 2022 03:08

Tgt Ion: 84 Resp: 472

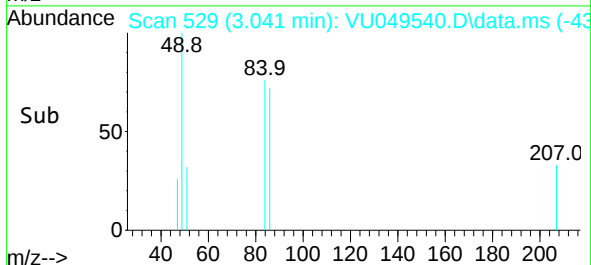
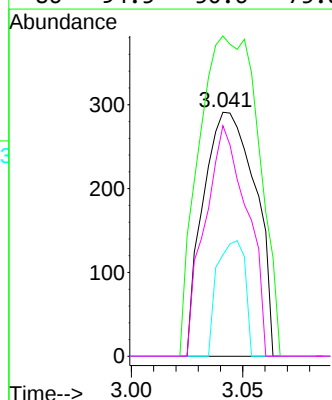
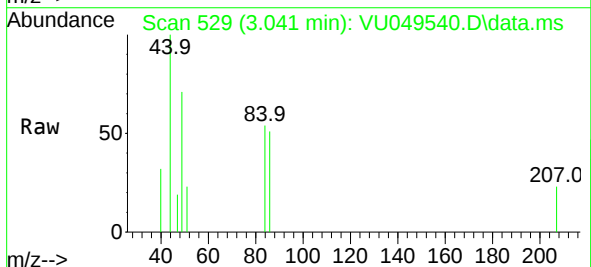
Ion Ratio Lower Upper

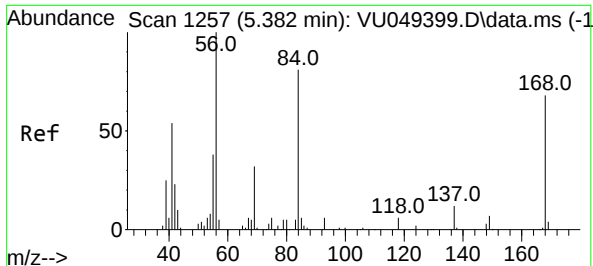
84 100

49 131.3 86.6 129.8#

51 41.6 26.6 40.0#

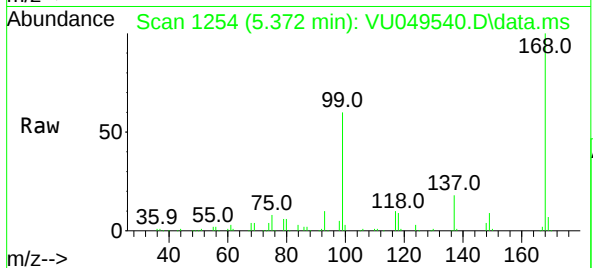
86 94.5 50.6 75.8#



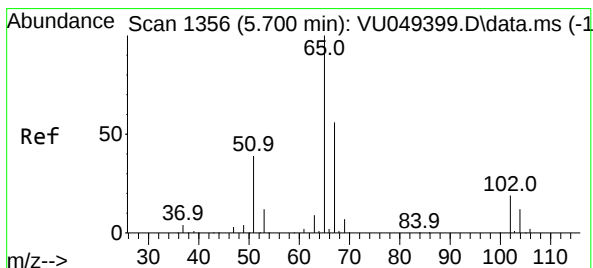
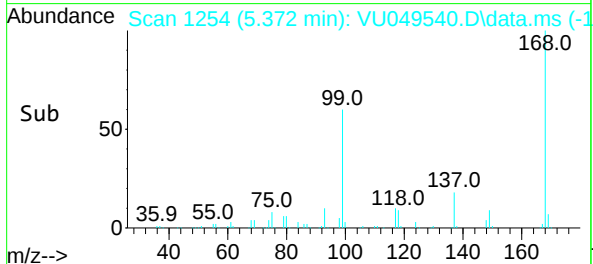
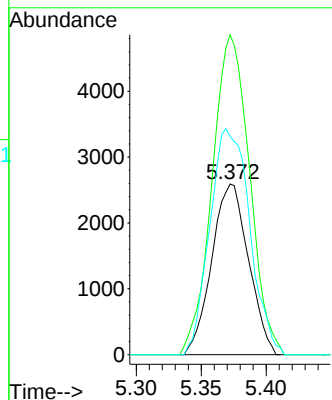


#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.009 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Instrument :
MSVOA_U
ClientSampleId :

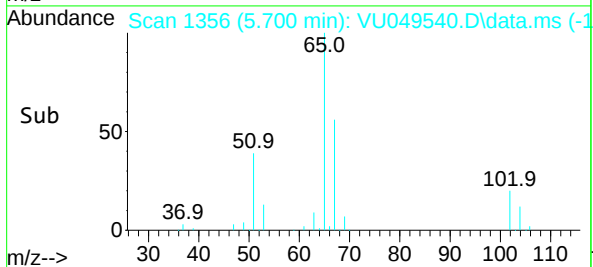
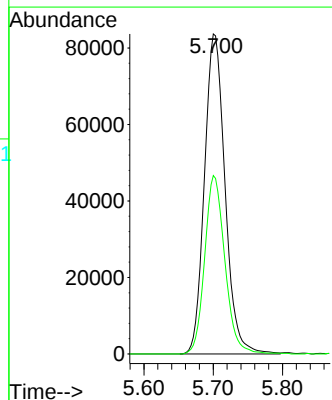
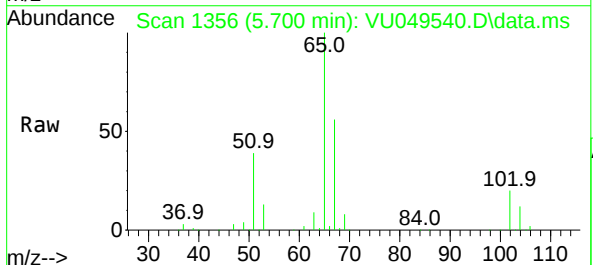


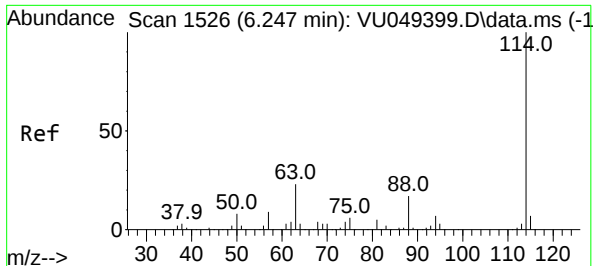
Tgt Ion: 56 Resp: 5092
Ion Ratio Lower Upper
56 100
69 187.5 27.8 41.8#
84 127.9 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 46.340 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Tgt Ion: 65 Resp: 172733
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.0

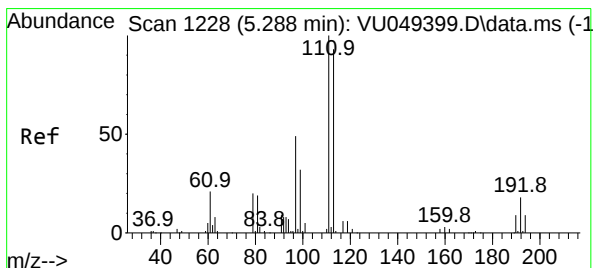
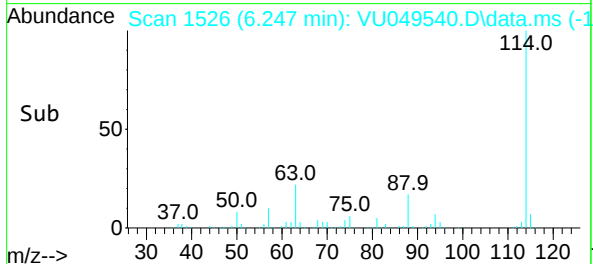
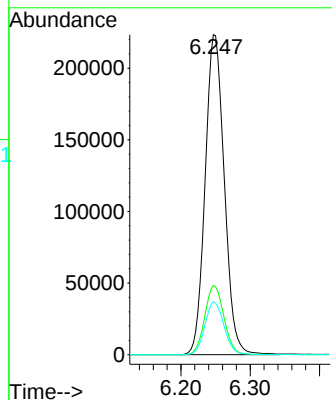
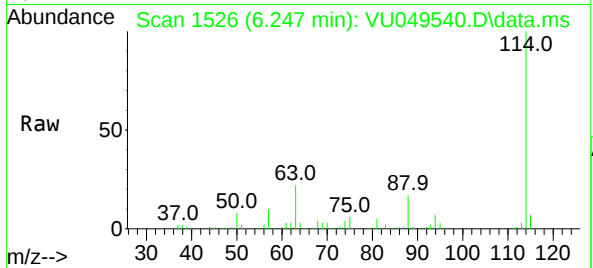




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

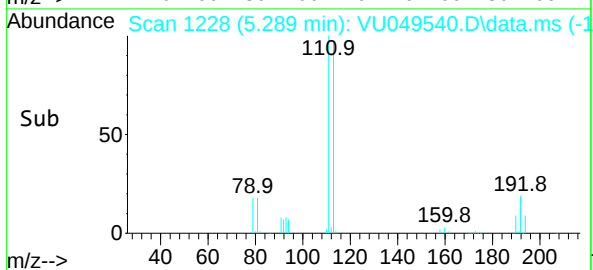
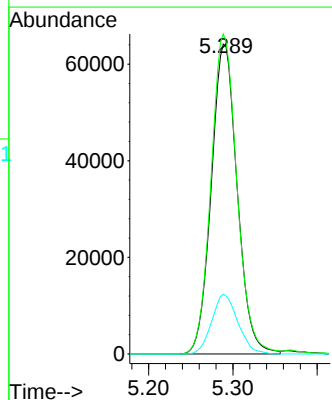
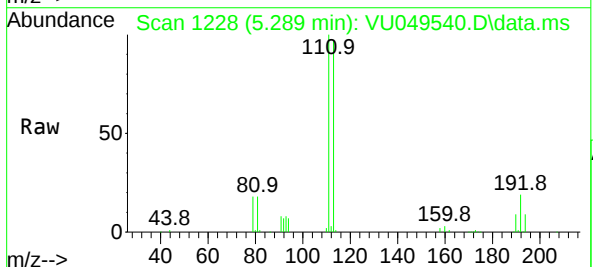
Instrument :
MSVOA_U
ClientSampleId :

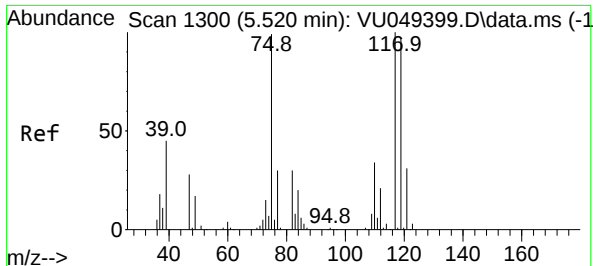
Tgt Ion:114 Resp: 428991
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 16.5 0.0 29.2



#35
Dibromofluoromethane
Concen: 45.641 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Tgt Ion:113 Resp: 136985
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 19.4 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.464 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049540.D

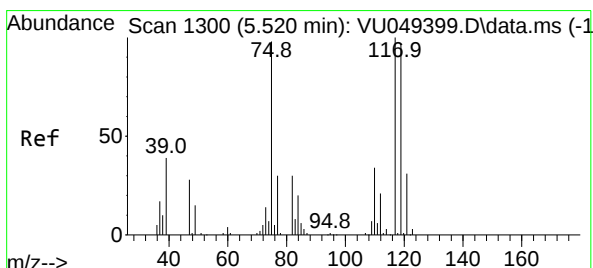
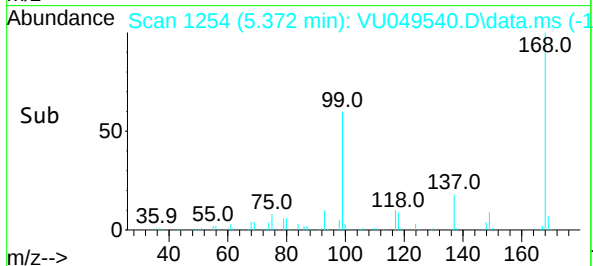
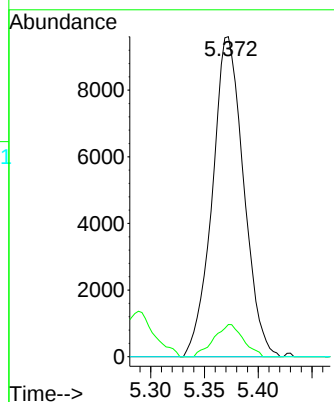
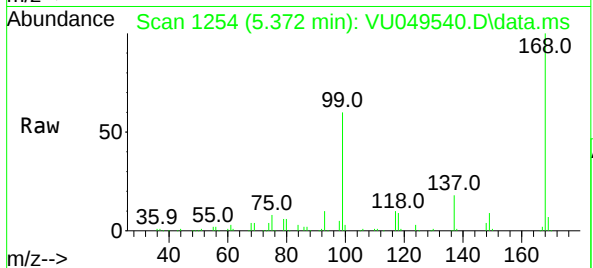
Acq: 30 Jun 2022 03:08

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	19425
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.4	55.2#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.597 ug/l

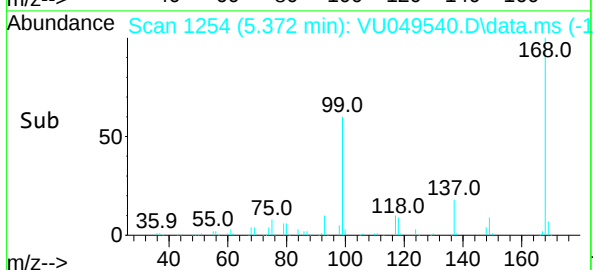
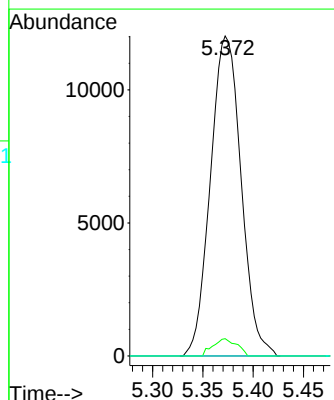
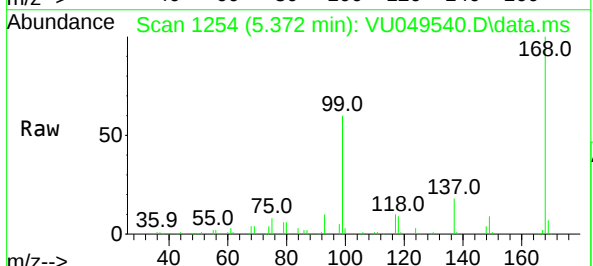
RT: 5.372 min Scan# 1254

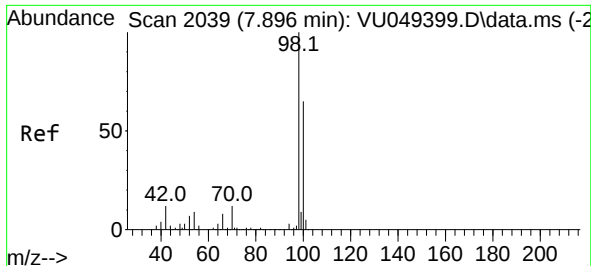
Delta R.T. -0.148 min

Lab File: VU049540.D

Acq: 30 Jun 2022 03:08

Tgt Ion:	117	Resp:	25543
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.8	115.2#
121	0.0	24.7	37.1#

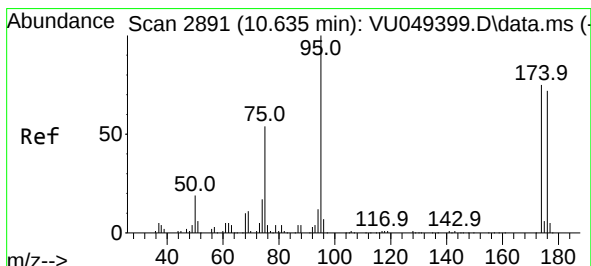
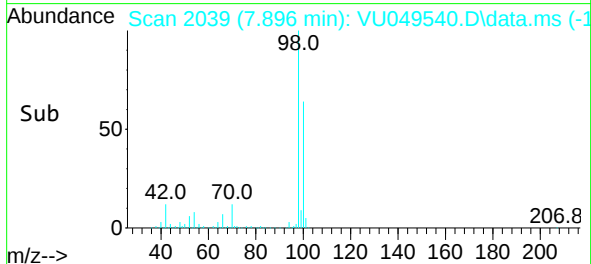
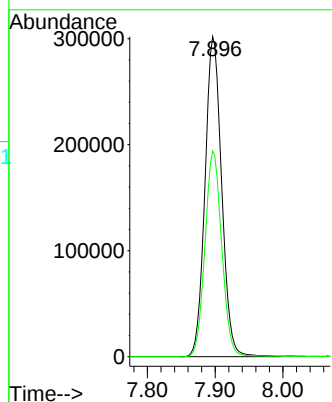
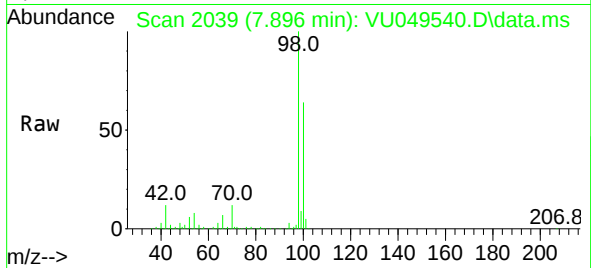




#50
Toluene-d8
Concen: 48.105 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

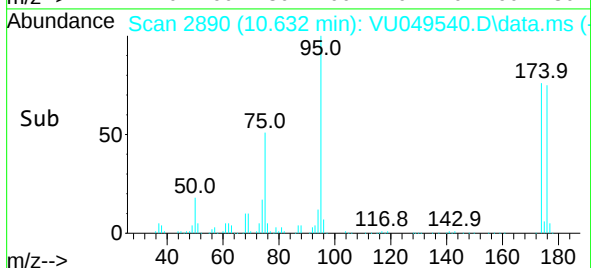
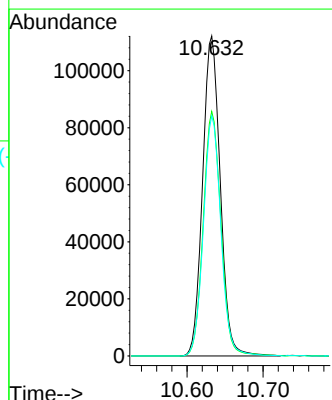
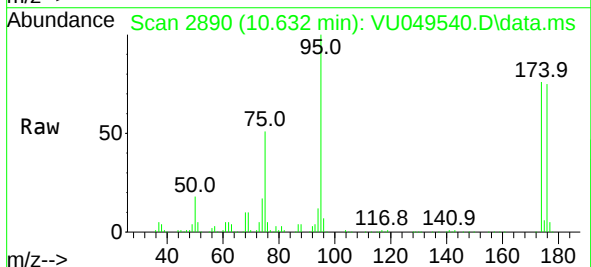
Instrument :
MSVOA_U
ClientSampleId :

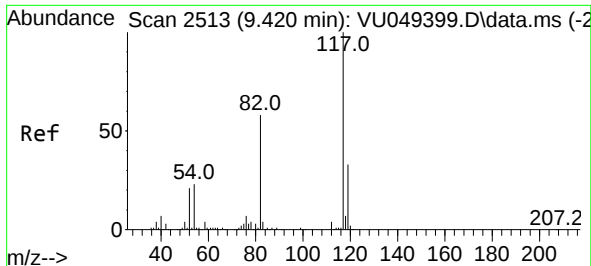
Tgt Ion: 98 Resp: 514961
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.232 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

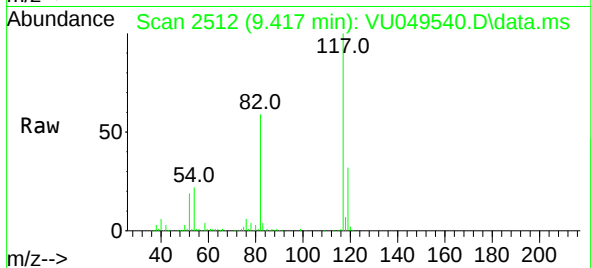
Tgt Ion: 95 Resp: 181382
Ion Ratio Lower Upper
95 100
174 76.5 0.0 182.0
176 74.2 0.0 177.8



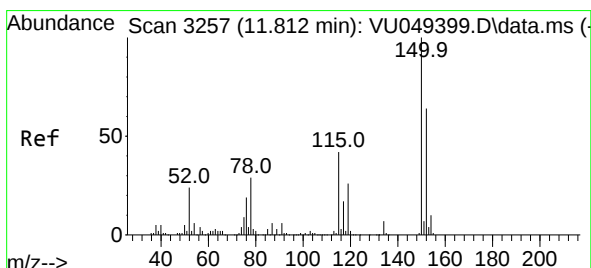
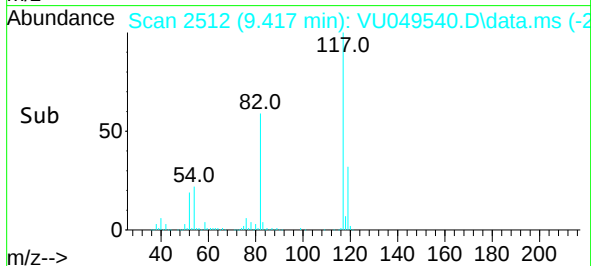
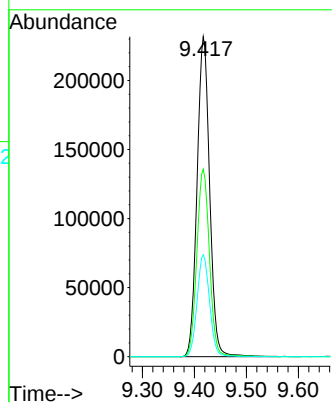


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Instrument :
MSVOA_U
ClientSampleId :

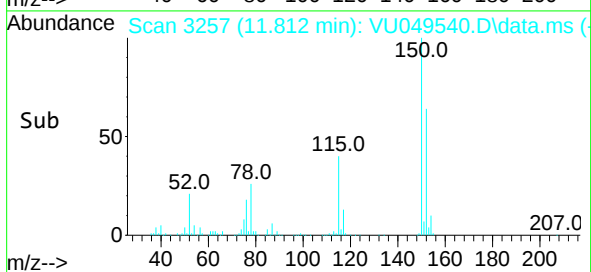
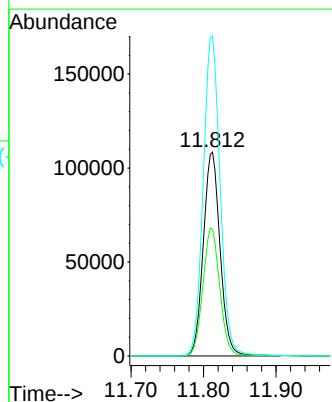
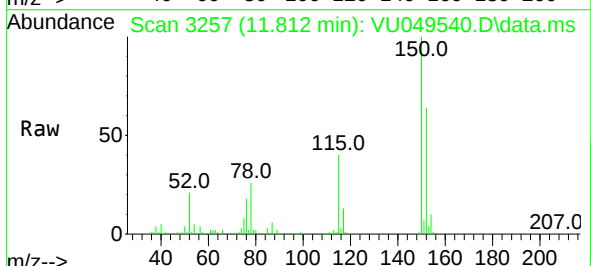


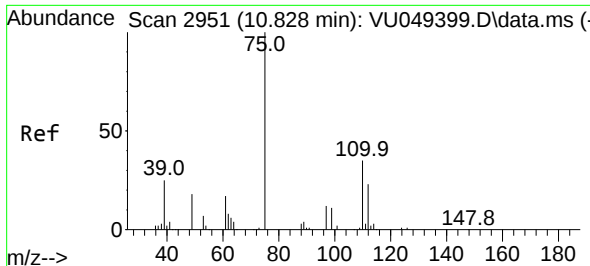
Tgt Ion:117 Resp: 389592
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Tgt Ion:152 Resp: 174301
Ion Ratio Lower Upper
152 100
115 63.1 37.0 110.9
150 157.6 0.0 342.2

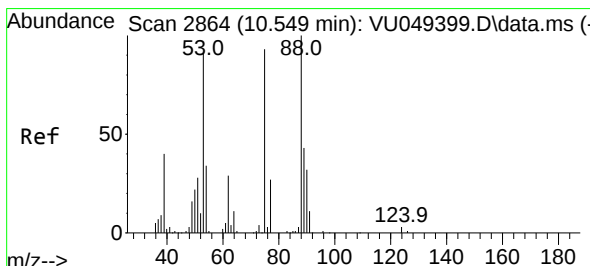
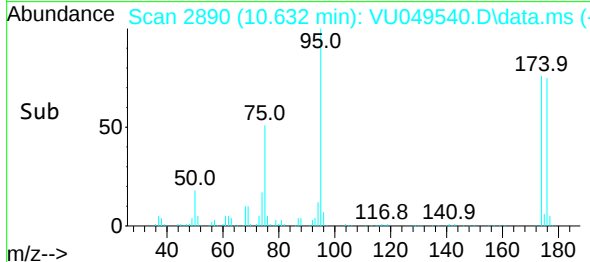
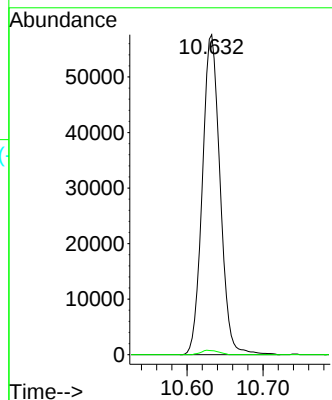
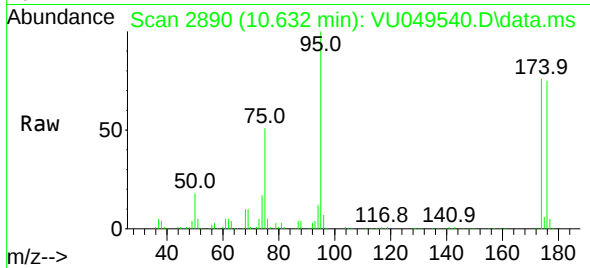




#76
1,2,3-Trichloropropane
Concen: 15.815 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

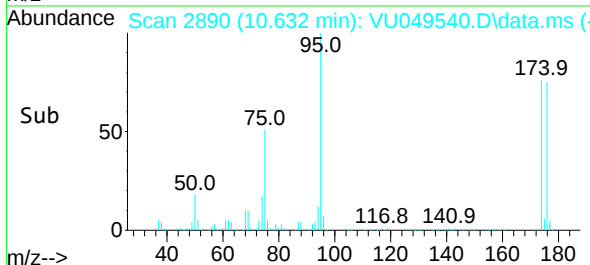
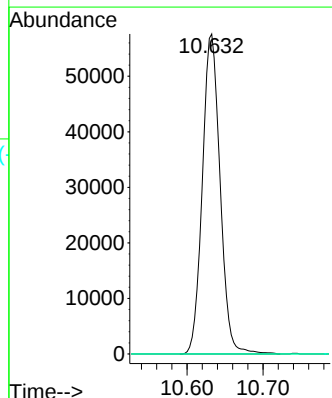
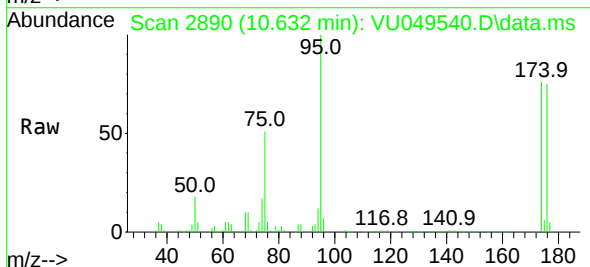
Instrument :
MSVOA_U
ClientSampleId :

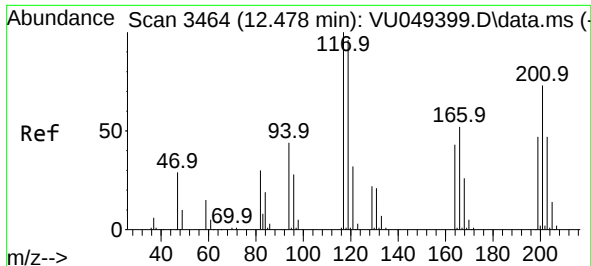
Tgt Ion: 75 Resp: 93448
Ion Ratio Lower Upper
75 100
77 1.4 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.405 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

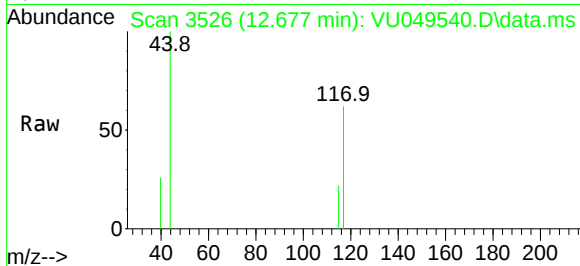
Tgt Ion: 75 Resp: 93448
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



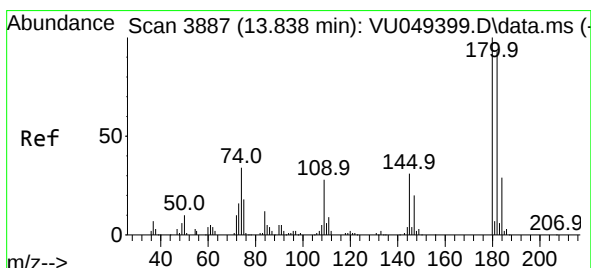
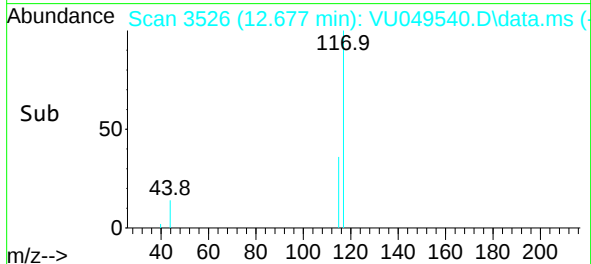
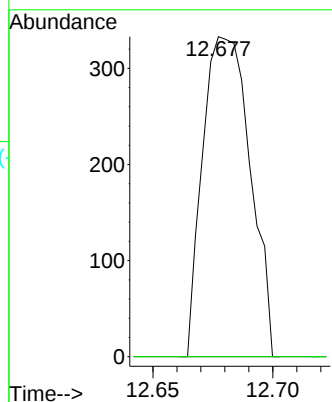


#90
Hexachloroethane
Concen: 0.213 ug/l
RT: 12.677 min Scan# 31
Delta R.T. 0.199 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Instrument :
MSVOA_U
ClientSampleId :

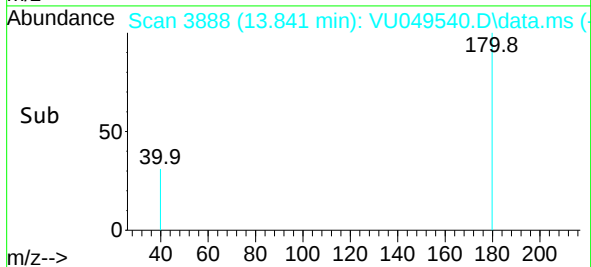
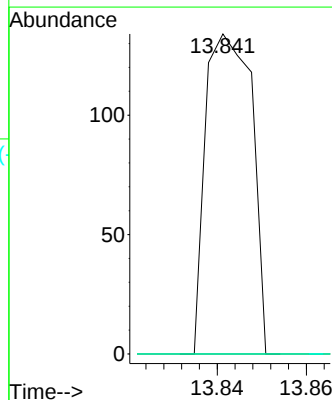
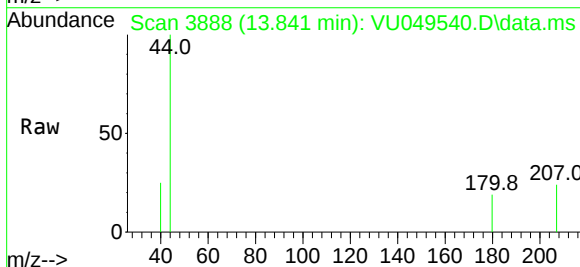


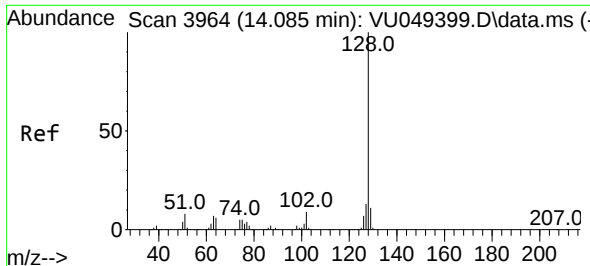
Tgt Ion:117 Resp: 459
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#



#93
1,2,4-Trichlorobenzene
Concen: 1.778 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Tgt Ion:180 Resp: 96
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#

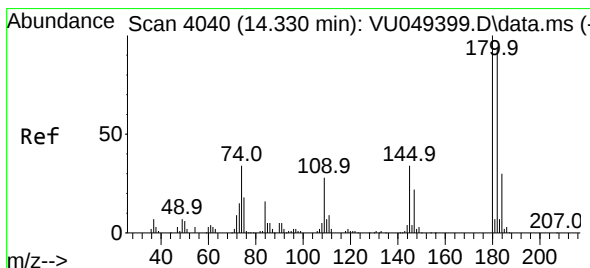
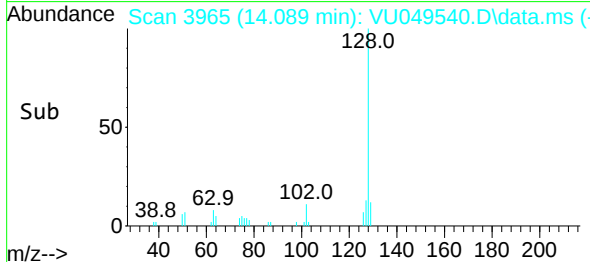
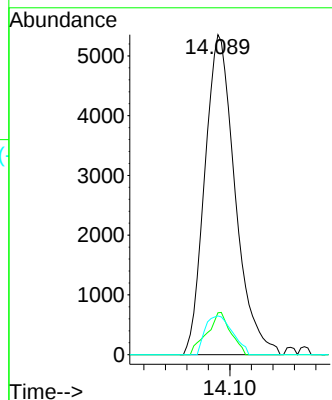
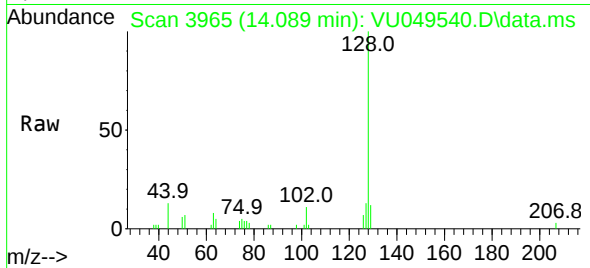




#95
Naphthalene
Concen: 2.477 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 10471
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.195 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049540.D
Acq: 30 Jun 2022 03:08

Tgt Ion:180 Resp: 72
Ion Ratio Lower Upper
180 100
182 155.6 48.4 145.0#
145 0.0 14.8 44.4#

