

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049448.D
 Acq On : 28 Jun 2022 11:15
 Operator : SY/MD
 Sample : VU0628MBL01
 Misc : 5.00G/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBL01

Quant Time: Jun 28 17:06:23 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)

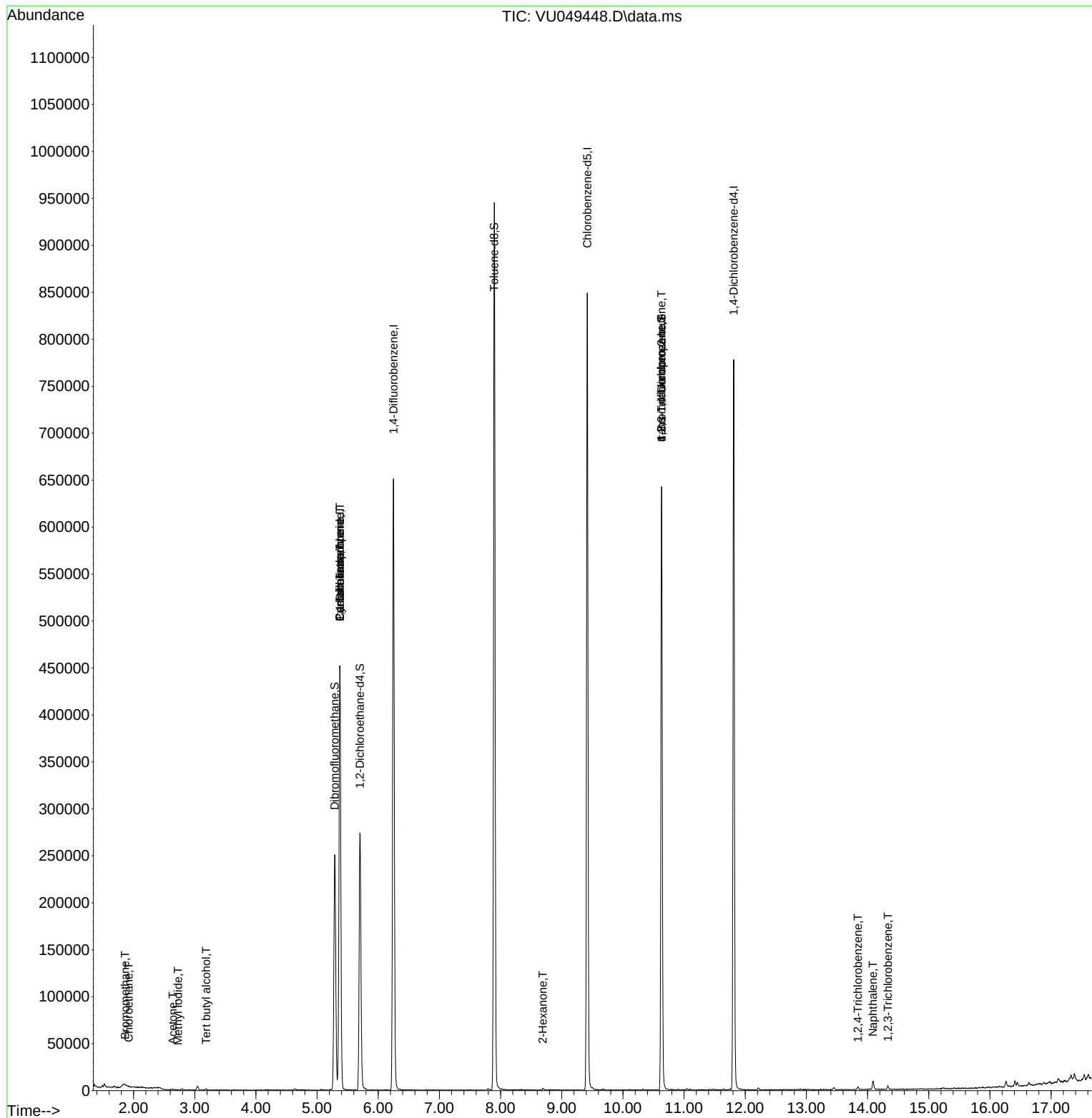
Internal Standards						
1) Pentafluorobenzene	5.372	168	313740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	533502	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	466628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	205109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	203513	42.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.240%		
35) Dibromofluoromethane	5.288	113	165624	44.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.740%		
50) Toluene-d8	7.896	98	633971	47.621	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.240%		
62) 4-Bromofluorobenzene	10.632	95	221652	43.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.920%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3512	Below Cal		97
5) Bromomethane	1.861	94	402	0.255 ug/l #		80
6) Chloroethane	1.919	64	41	1.932 ug/l #		44
10) Methyl Iodide	2.726	142	123	7.544 ug/l #		43
11) Tert butyl alcohol	3.186	59	810	0.716 ug/l #		37
16) Acetone	2.642	43	1401	0.575 ug/l #		81
20) Methylene Chloride	3.044	84	2231	Below Cal		92
31) Cyclohexane	5.372	56	6461	0.891 ug/l #		1
36) 1,1-Dichloropropene	5.372	75	25026	4.624 ug/l #		49
38) Carbon Tetrachloride	5.372	117	31234	5.503 ug/l #		15
59) 2-Hexanone	8.690	43	1470	0.258 ug/l		94
76) 1,2,3-Trichloropropane	10.632	75	110565	15.902 ug/l #		45
81) trans-1,4-Dichloro-2-b...	10.632	75	110565	58.723 ug/l #		15
93) 1,2,4-Trichlorobenzene	13.841	180	1003	1.964 ug/l		80
95) Naphthalene	14.089	128	8464	2.245 ug/l #		97
96) 1,2,3-Trichlorobenzene	14.333	180	1420	1.470 ug/l		94

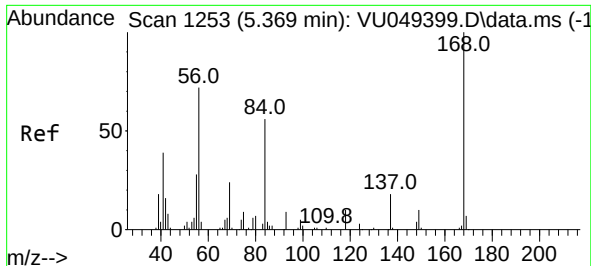
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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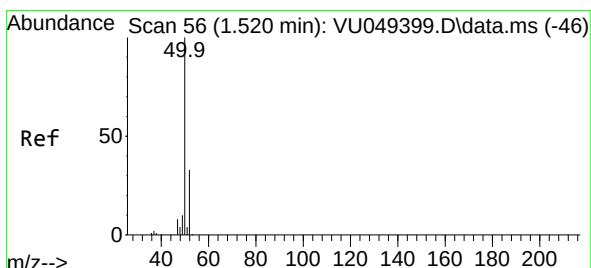
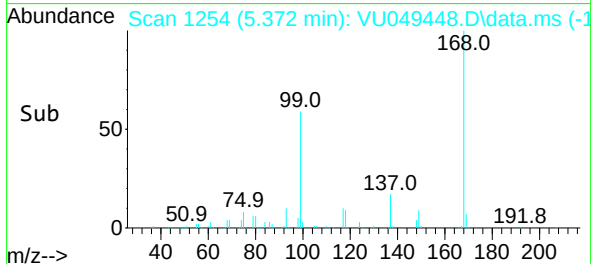
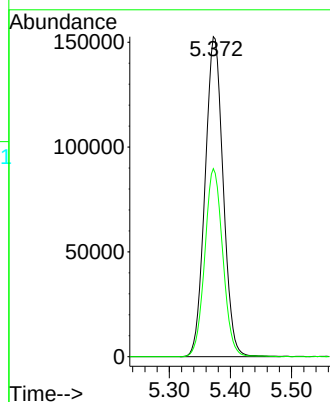
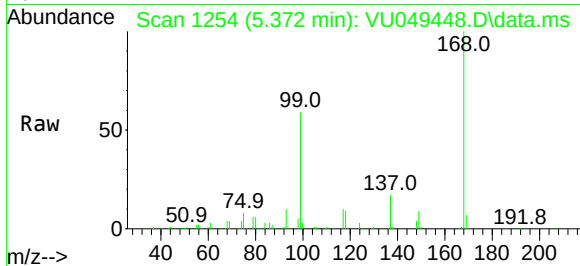




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

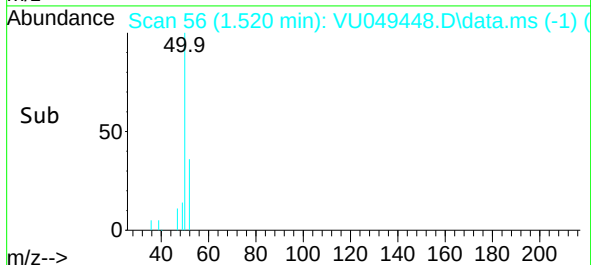
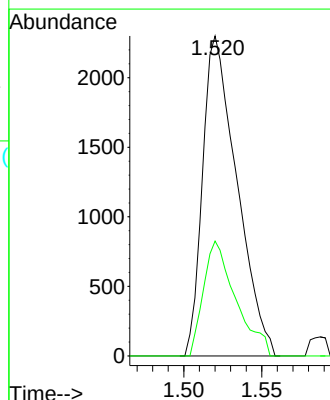
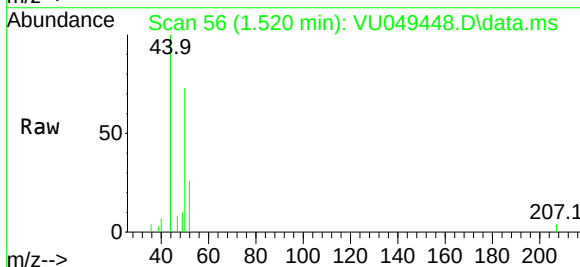
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

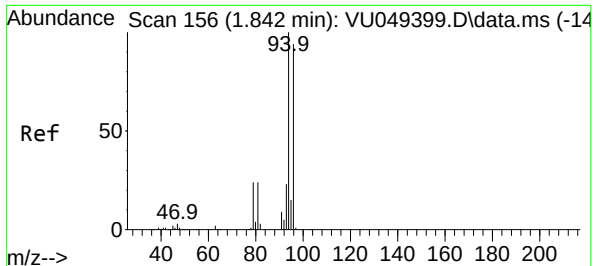
Tgt Ion:168 Resp: 313740
Ion Ratio Lower Upper
168 100
99 58.7 39.3 58.9



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 50 Resp: 3512
Ion Ratio Lower Upper
50 100
52 35.9 27.4 41.2

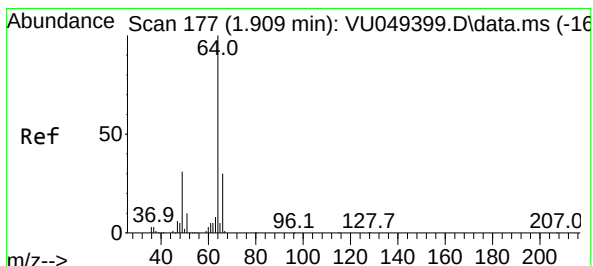
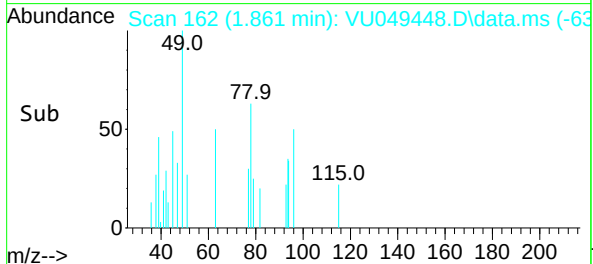
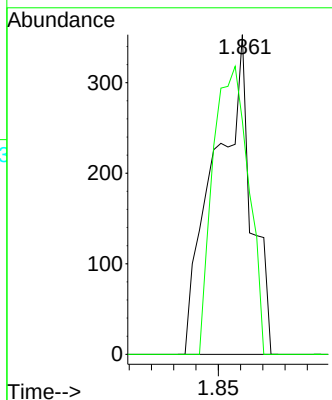
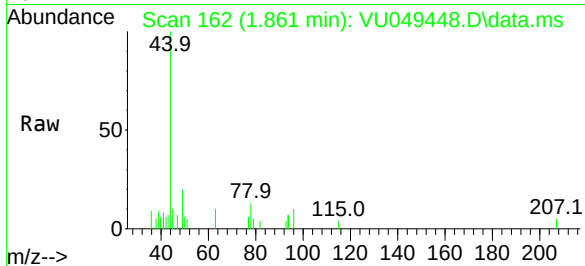




#5
Bromomethane
Concen: 0.255 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.019 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

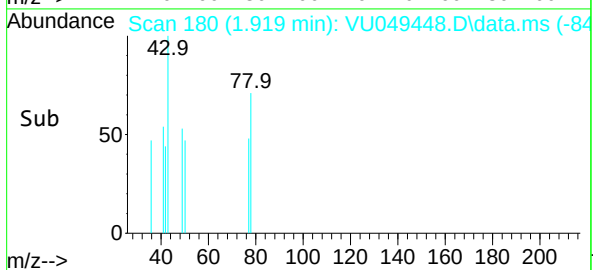
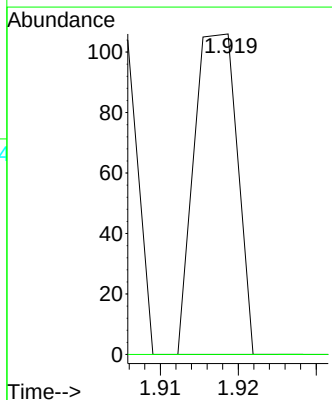
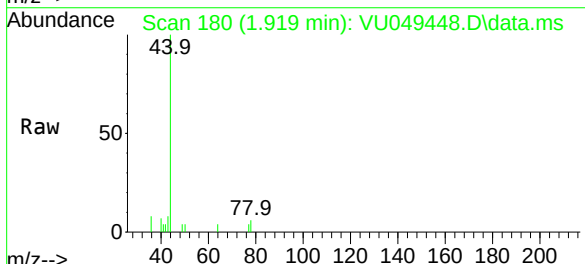
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ClientSampleId :
VU0628MBL01

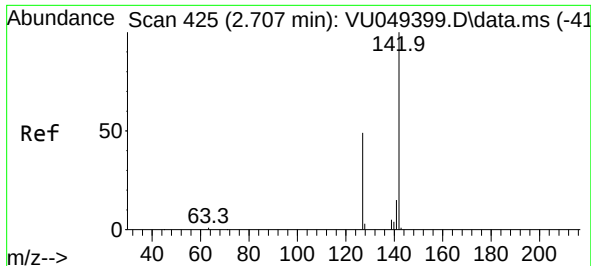
Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 73.1 73.7 110.5#



#6
Chloroethane
Concen: 1.932 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#





#10

Methyl Iodide

Concen: 7.544 ug/l

RT: 2.726 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU049448.D

Acq: 28 Jun 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBL01

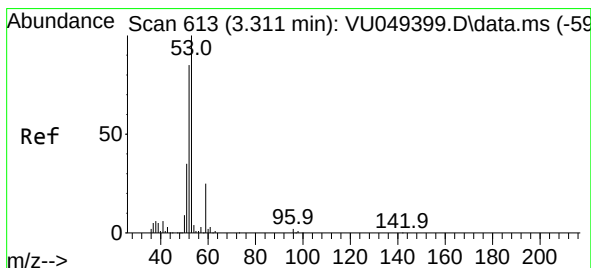
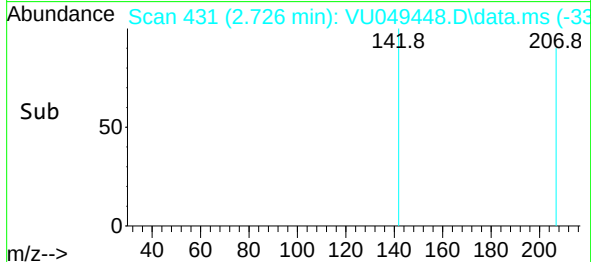
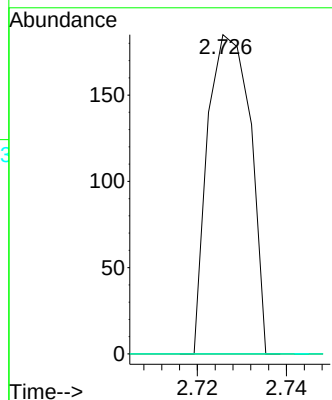
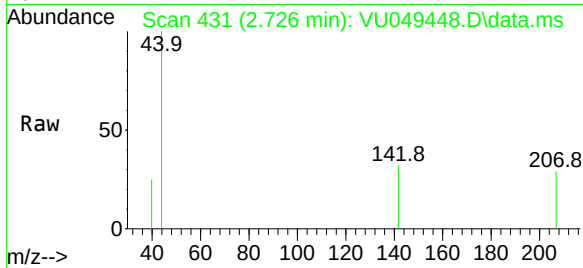
Tgt Ion:142 Resp: 123

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: 0.716 ug/l

RT: 3.186 min Scan# 574

Delta R.T. -0.125 min

Lab File: VU049448.D

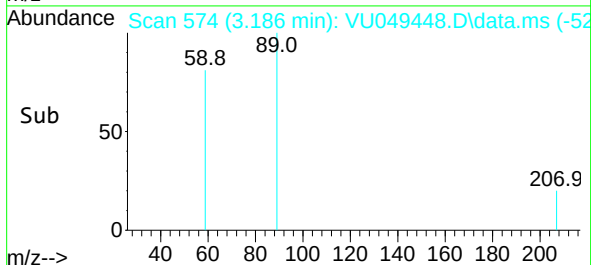
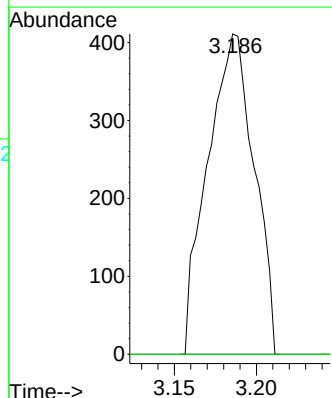
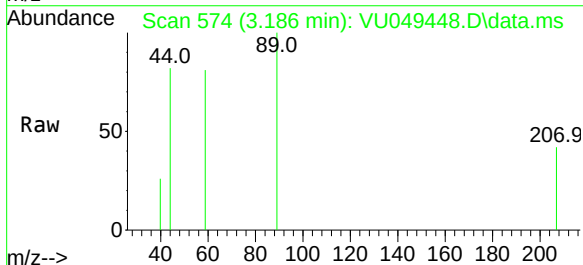
Acq: 28 Jun 2022 11:15

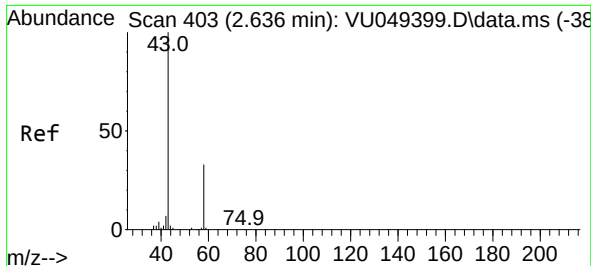
Tgt Ion: 59 Resp: 810

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#

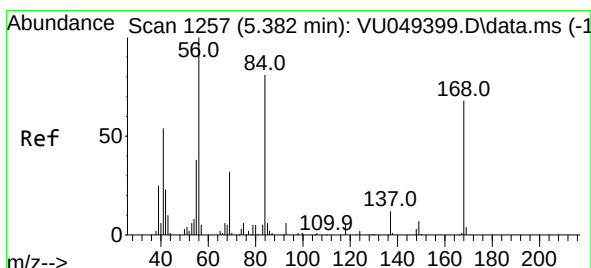
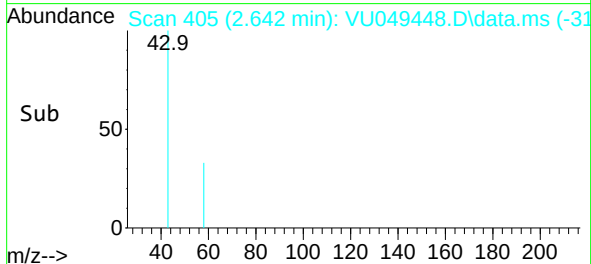
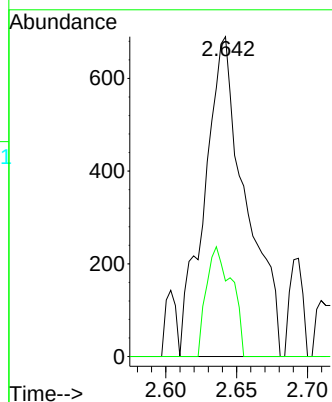
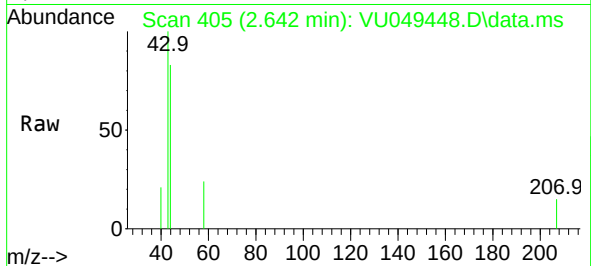




#16
Acetone
Concen: 0.575 ug/l
RT: 2.642 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

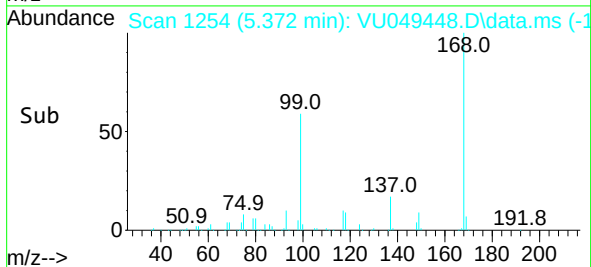
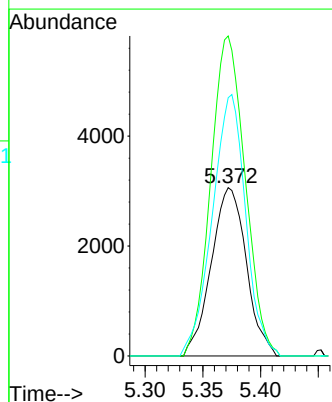
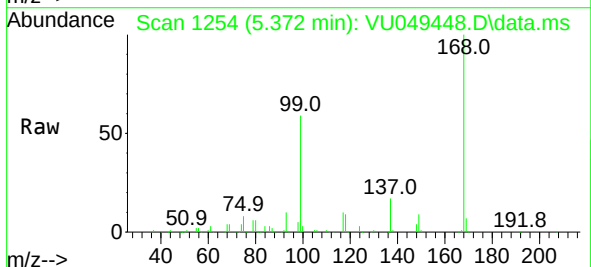
Instrument :
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ClientSampleId :
VU0628MBL01

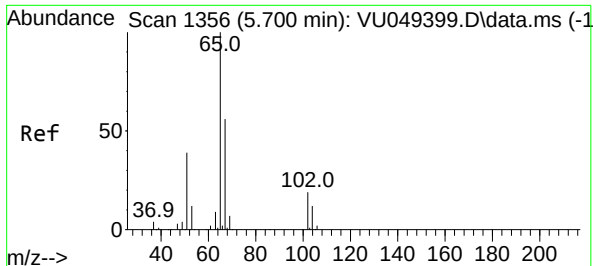
Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
58 23.6 27.5 41.3#



#31
Cyclohexane
Concen: 0.891 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 56 Resp: 6461
Ion Ratio Lower Upper
56 100
69 190.2 27.8 41.8#
84 153.5 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 42.119 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049448.D

Acq: 28 Jun 2022 11:15

Instrument :

MSVOA_U

ClientSampleId :

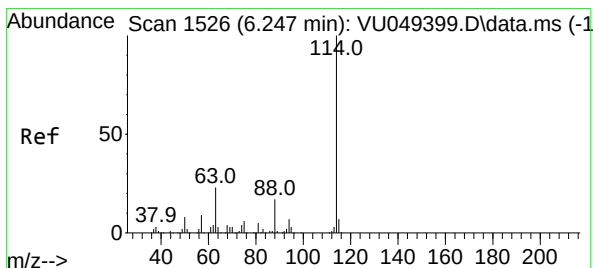
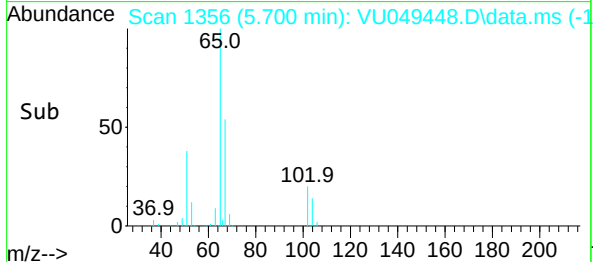
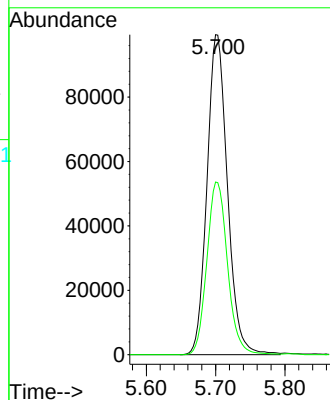
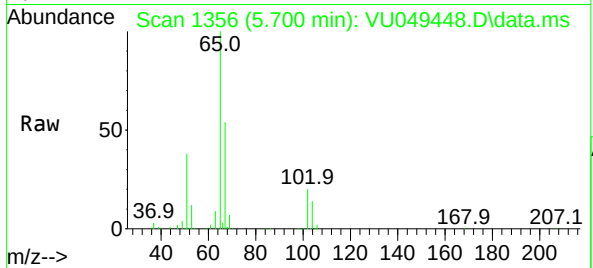
VU0628MBL01

Tgt Ion: 65 Resp: 203513

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049448.D

Acq: 28 Jun 2022 11:15

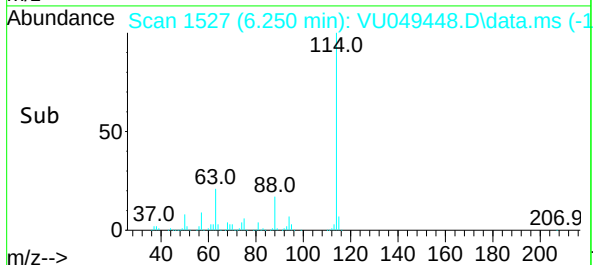
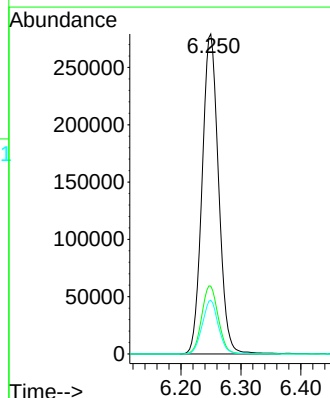
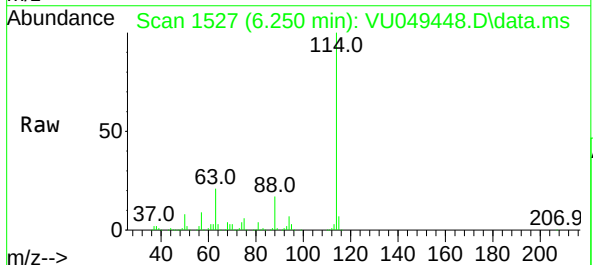
Tgt Ion: 114 Resp: 533502

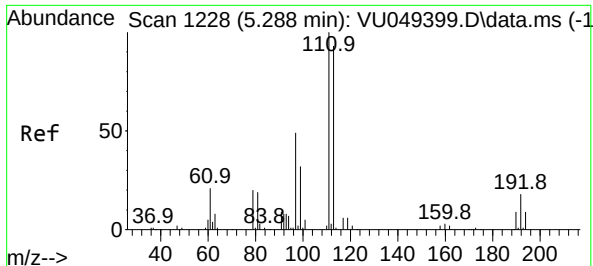
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.8 0.0 29.2

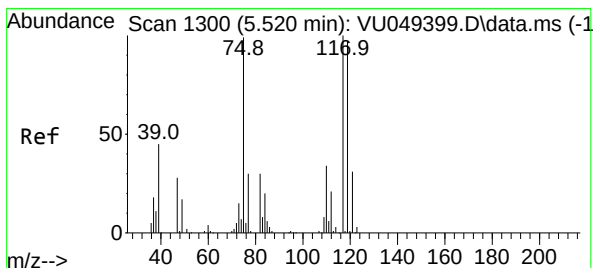
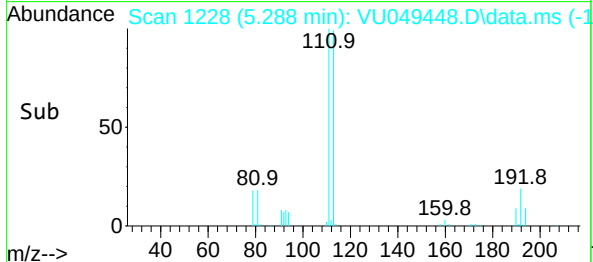
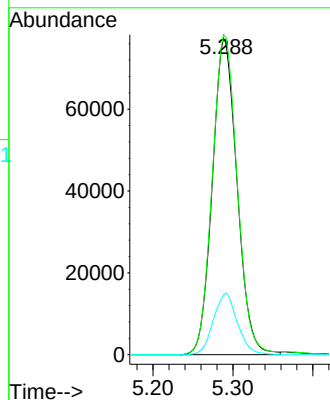
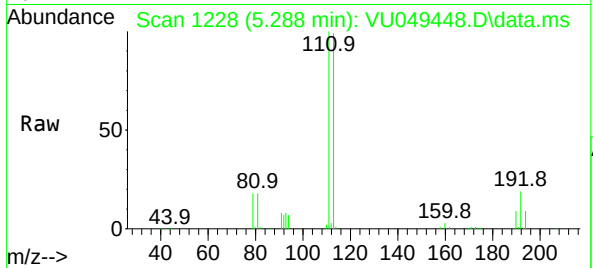




#35
Dibromofluoromethane
Concen: 44.373 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

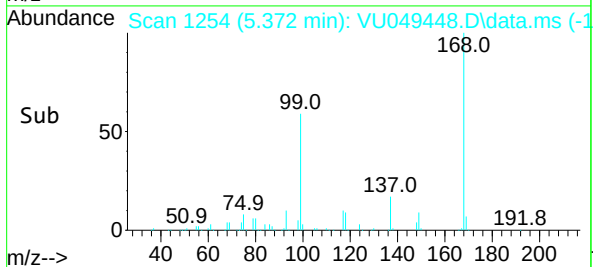
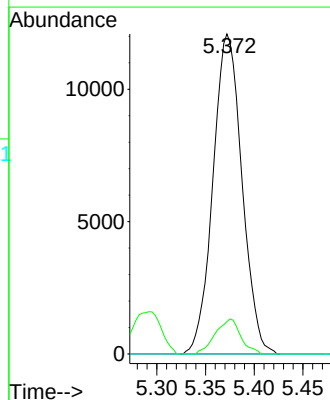
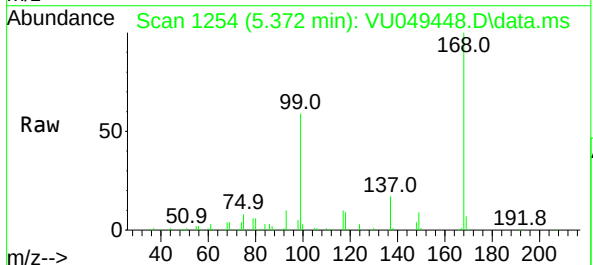
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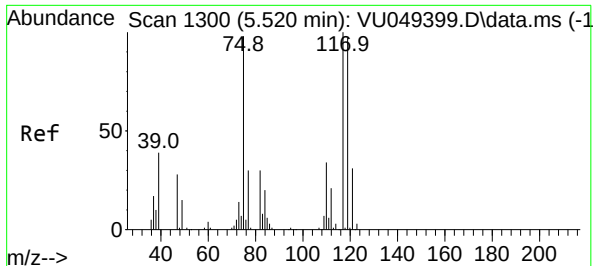
Tgt Ion:113 Resp: 165624
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 18.9 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 75 Resp: 25026
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 25.1 37.7#

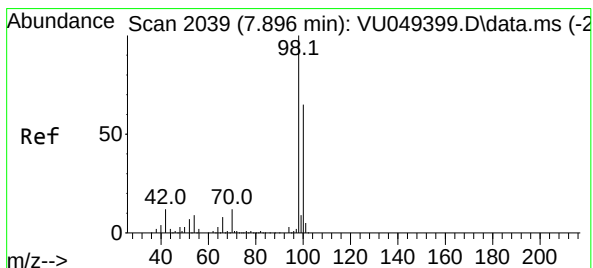
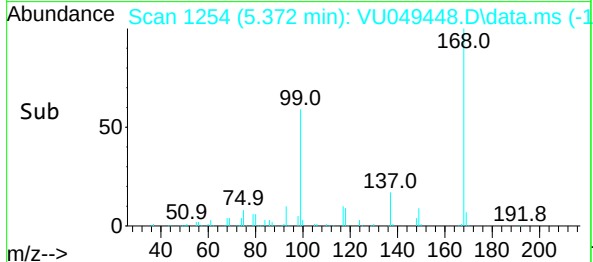
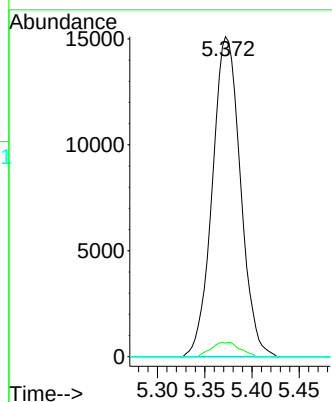
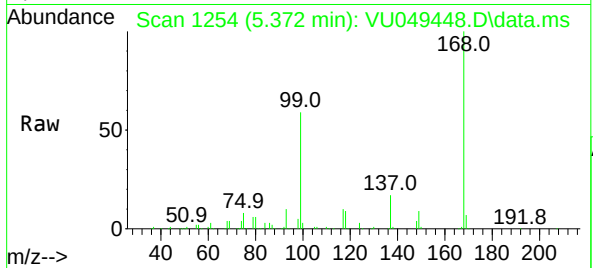




#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

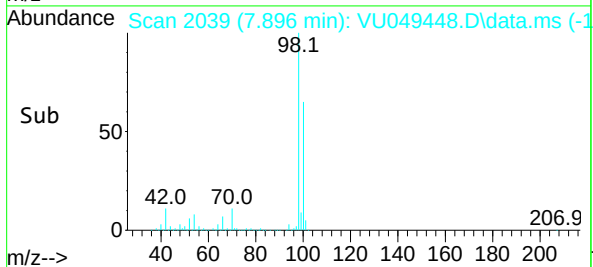
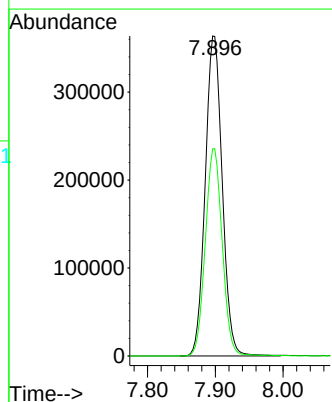
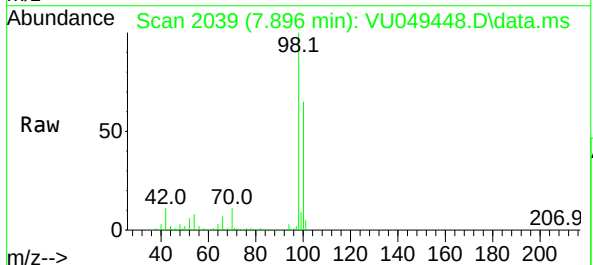
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

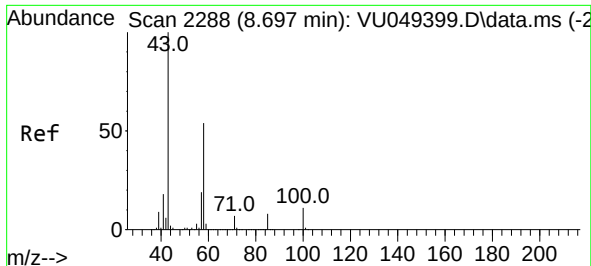
Tgt Ion:117 Resp: 31234
Ion Ratio Lower Upper
117 100
119 4.3 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.621 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 98 Resp: 633971
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

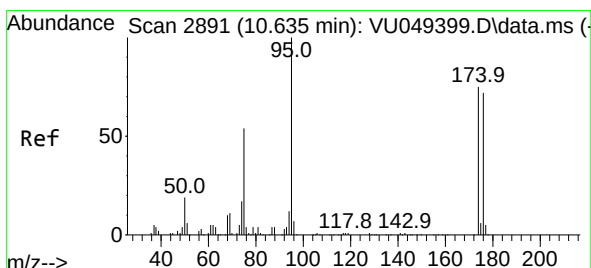
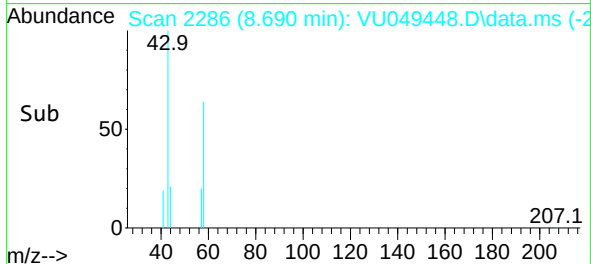
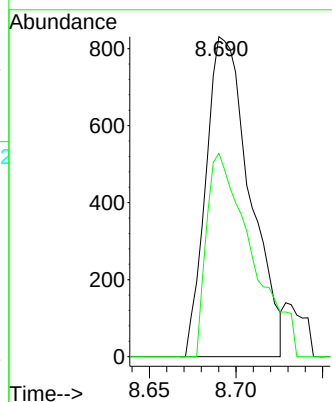
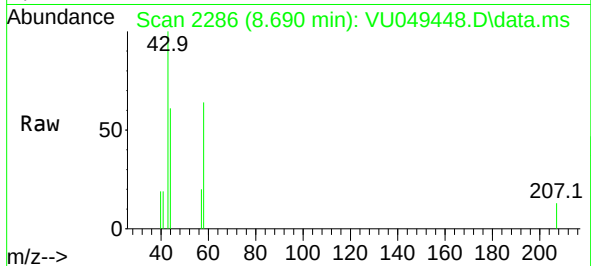




#59
2-Hexanone
Concen: 0.258 ug/l
RT: 8.690 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

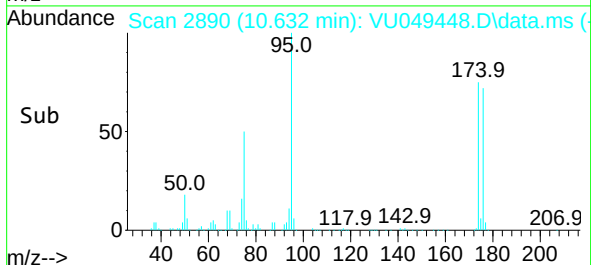
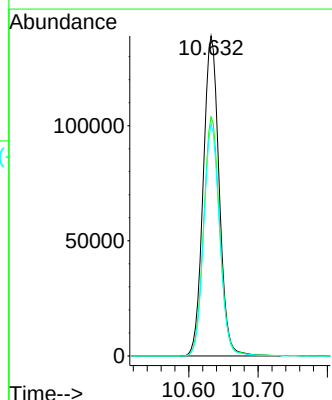
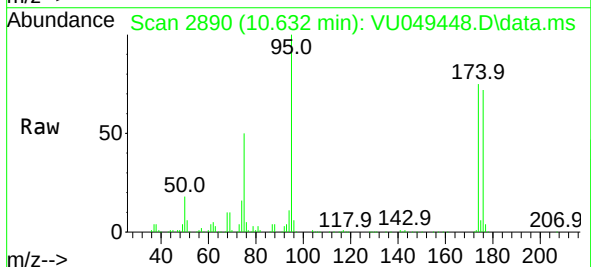
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

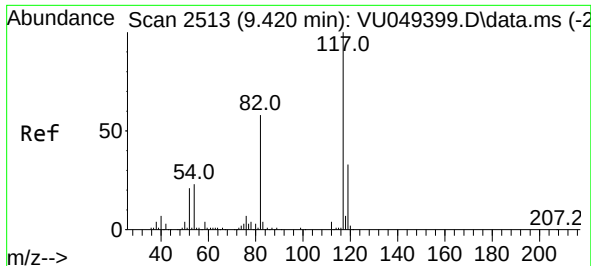
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 64.7 30.3 90.8



#62
4-Bromofluorobenzene
Concen: 43.463 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 95 Resp: 221652
Ion Ratio Lower Upper
95 100
174 75.5 0.0 182.0
176 72.5 0.0 177.8

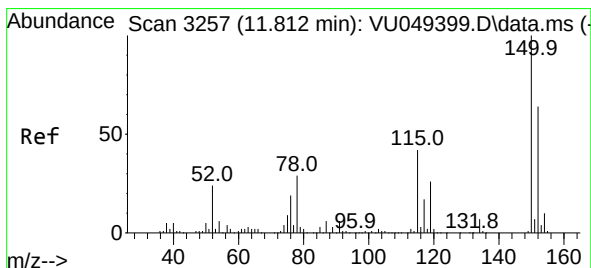
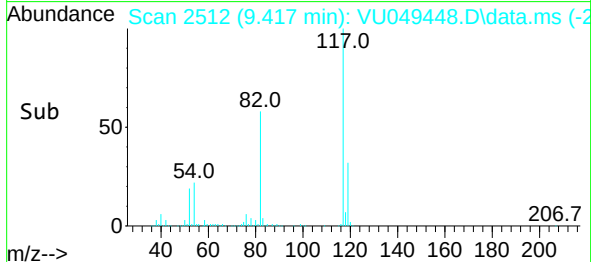
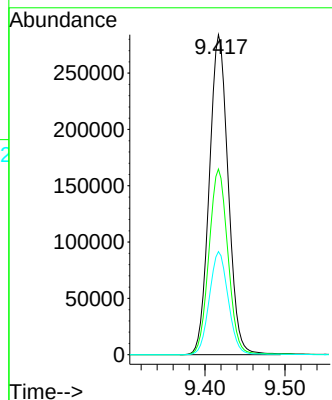
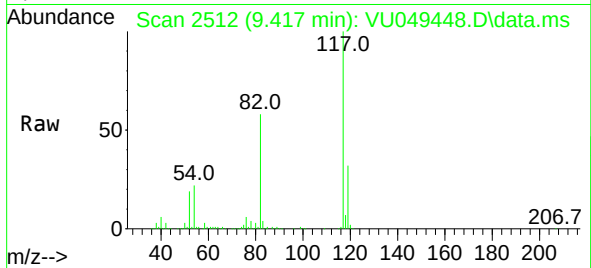




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

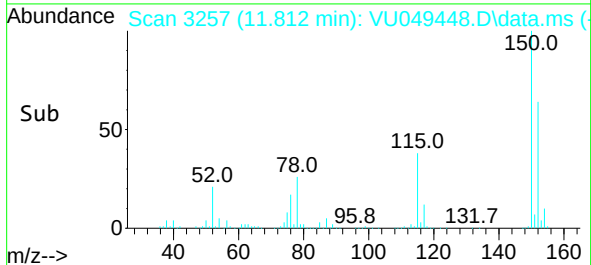
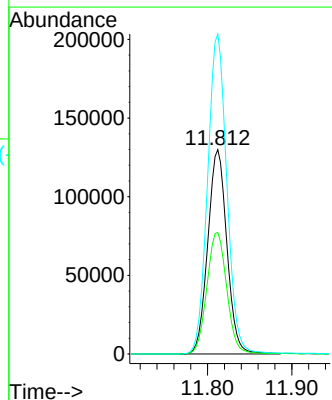
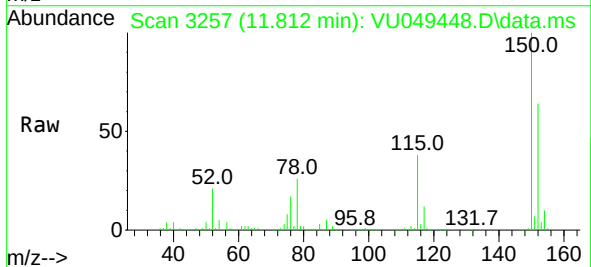
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

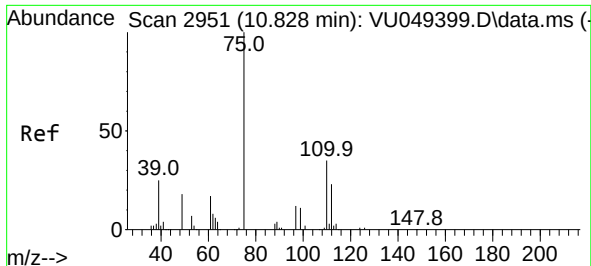
Tgt Ion:117 Resp: 466628
Ion Ratio Lower Upper
117 100
82 58.0 41.7 62.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion:152 Resp: 205109
Ion Ratio Lower Upper
152 100
115 61.8 37.0 110.9
150 157.7 0.0 342.2

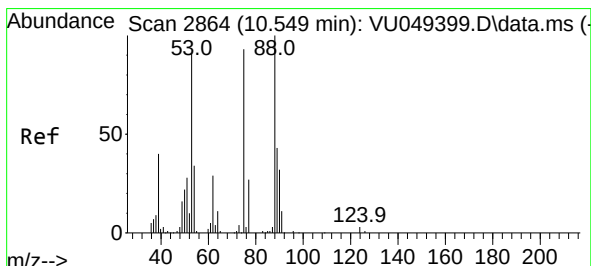
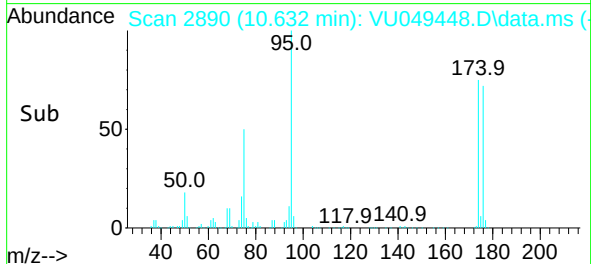
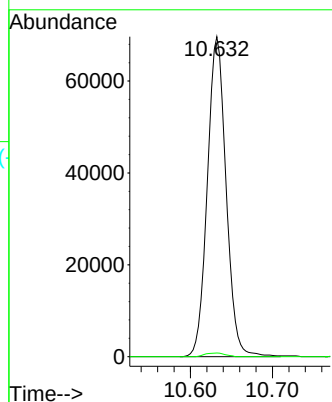
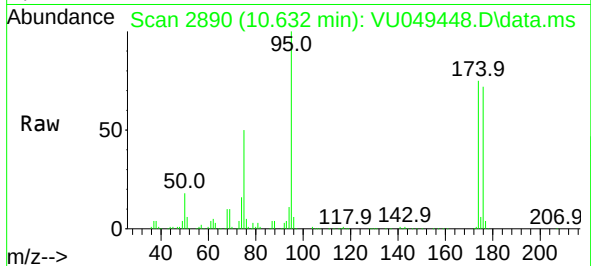




#76
1,2,3-Trichloropropane
Concen: 15.902 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

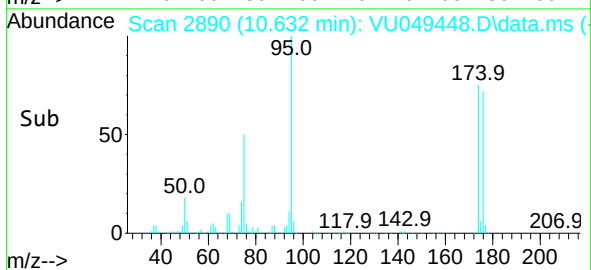
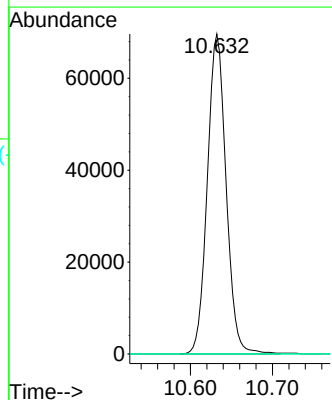
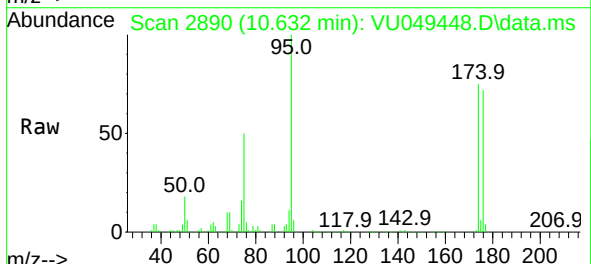
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

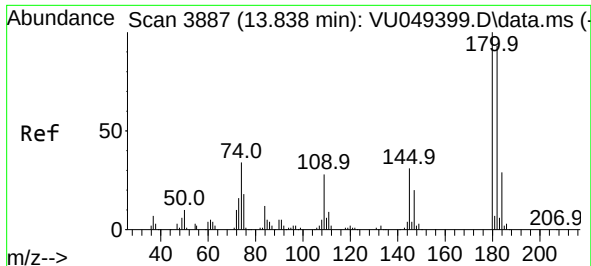
Tgt Ion: 75 Resp: 110565
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.723 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

Tgt Ion: 75 Resp: 110565
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

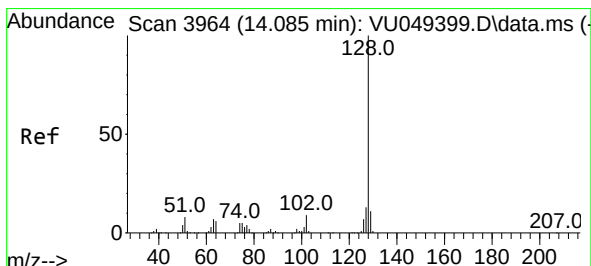
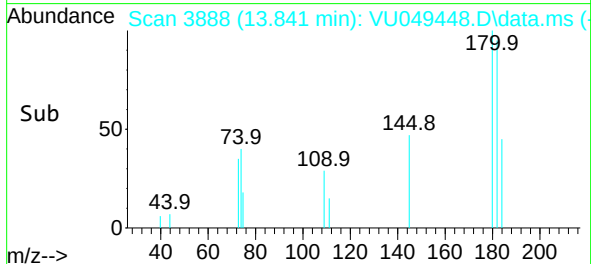
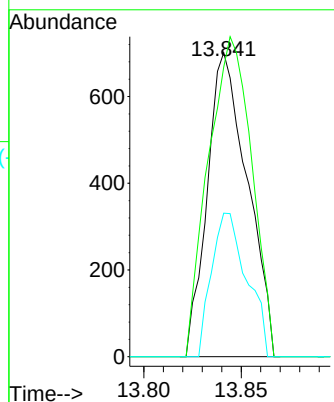
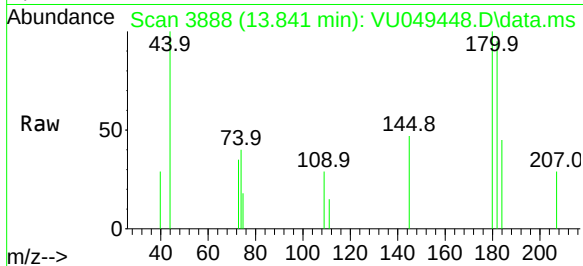




#93
1,2,4-Trichlorobenzene
Concen: 1.964 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

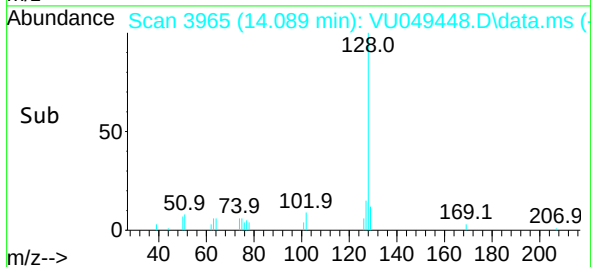
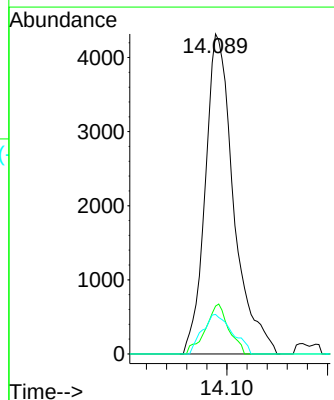
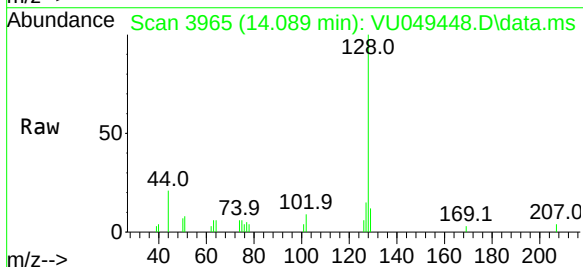
Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

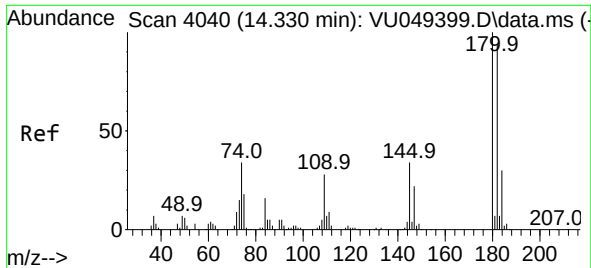
Tgt Ion:180 Resp: 1003
Ion Ratio Lower Upper
180 100
182 114.1 47.9 143.6
145 41.4 14.0 41.9



#95
Naphthalene
Concen: 2.245 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049448.D
Acq: 28 Jun 2022 11:15

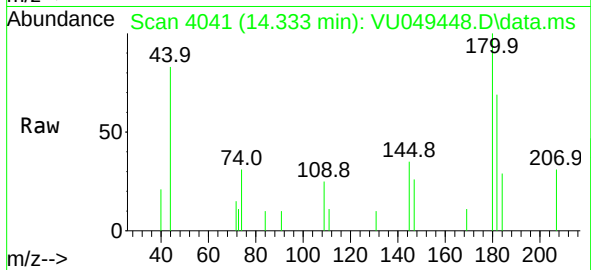
Tgt Ion:128 Resp: 8464
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 13.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.470 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU049448.D
 Acq: 28 Jun 2022 11:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBL01



Tgt Ion:180 Resp: 1420
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.4 145.0
 145 41.9 14.8 44.4

