

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049485.D
 Acq On : 29 Jun 2022 02:11
 Operator : SY/MD
 Sample : N3457-09 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE132D6-20220620

Quant Time: Jun 29 05:25:19 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)

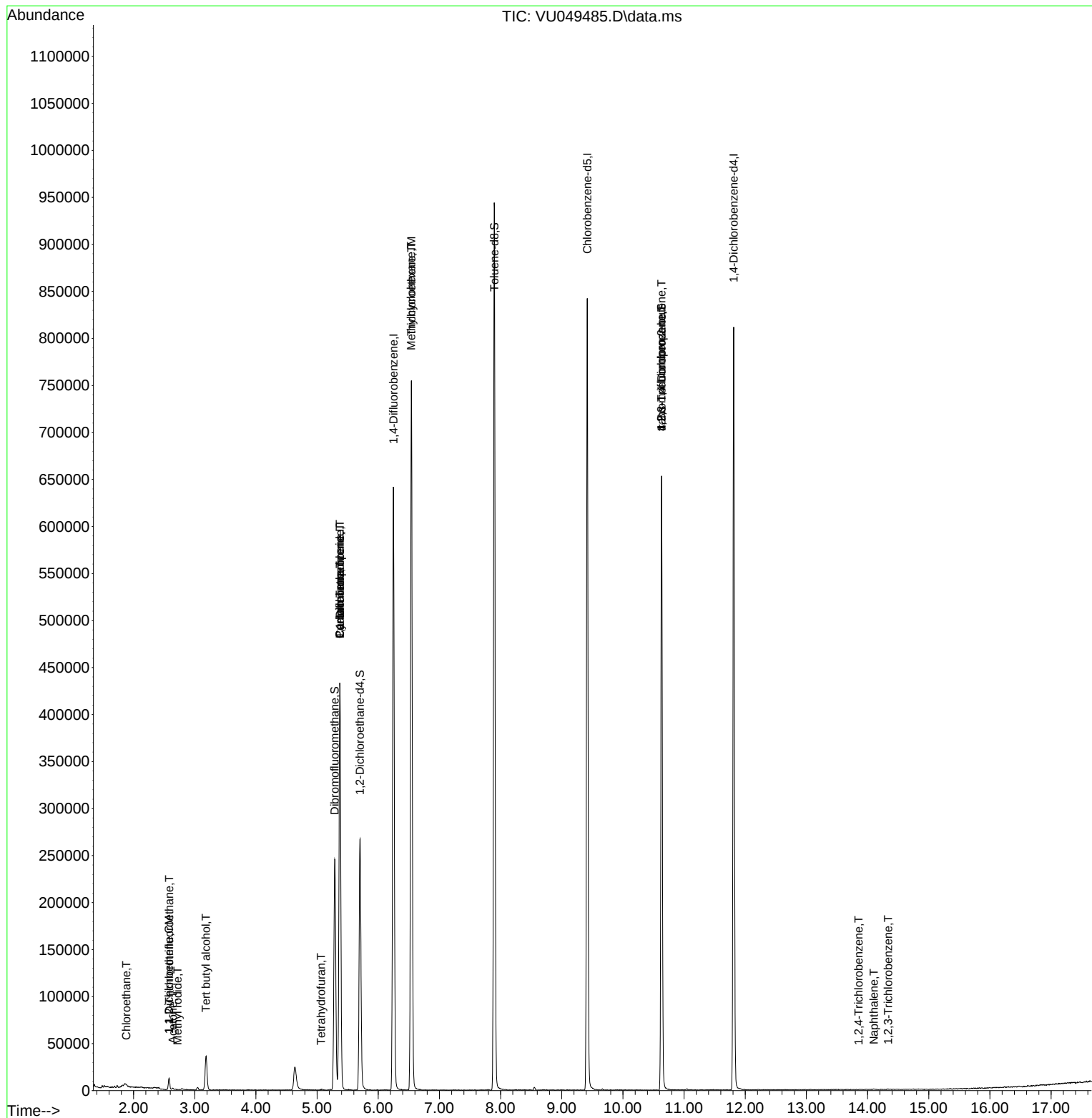
Internal Standards						
1) Pentafluorobenzene	5.372	168	297754	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	527332	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	470806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	216933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	203665	44.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.820%
35) Dibromofluoromethane	5.288	113	163830	44.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.820%
50) Toluene-d8	7.899	98	623085	47.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	10.632	95	228028	45.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1910	Below Cal		93
6) Chloroethane	1.883	64	19	1.924 ug/l	#	44
9) 1,1,2-Trichlorotrifluo...	2.581	101	3904	1.182 ug/l		94
10) Methyl Iodide	2.719	142	94	7.538 ug/l	#	43
11) Tert butyl alcohol	3.182	59	22079	20.571 ug/l	#	38
12) 1,1-Dichloroethene	2.578	96	1260	0.390 ug/l		96
16) Acetone	2.642	43	2235	0.966 ug/l	#	85
20) Methylene Chloride	3.044	84	1153	Below Cal		88
29) Tetrahydrofuran	5.066	42	516	0.217 ug/l	#	39
31) Cyclohexane	5.372	56	6024	0.875 ug/l	#	1
36) 1,1-Dichloropropene	5.372	75	24087	4.503 ug/l	#	49
38) Carbon Tetrachloride	5.372	117	30866	5.502 ug/l	#	15
39) Methylcyclohexane	6.539	83	3591	0.560 ug/l	#	1
44) Trichloroethene	6.542	130	254509	66.288 ug/l		86
76) 1,2,3-Trichloropropane	10.632	75	113350	15.414 ug/l	#	45
81) trans-1,4-Dichloro-2-b...	10.632	75	113350	56.921 ug/l	#	15
93) 1,2,4-Trichlorobenzene	13.854	180	53	1.764 ug/l	#	12
95) Naphthalene	14.101	128	1284	1.809 ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.336	180	207	1.218 ug/l	#	36

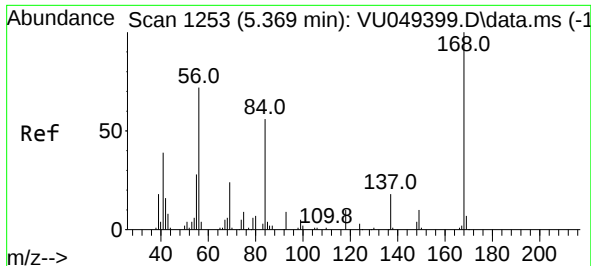
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
Data File : VU049485.D
Acq On : 29 Jun 2022 02:11
Operator : SY/MD
Sample : N3457-09 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

Quant Time: Jun 29 05:25:19 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

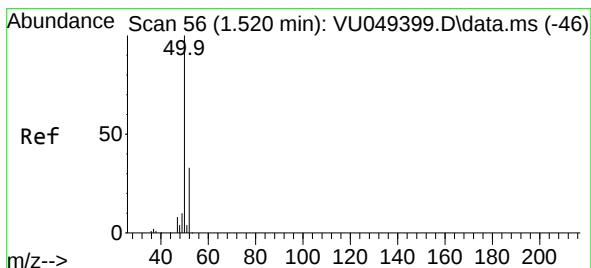
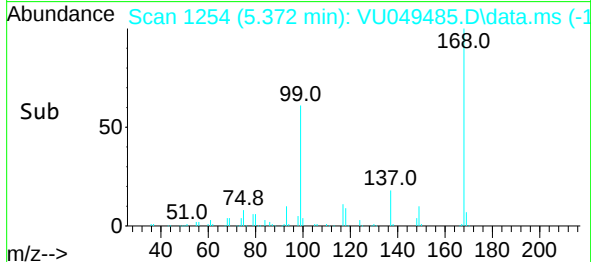
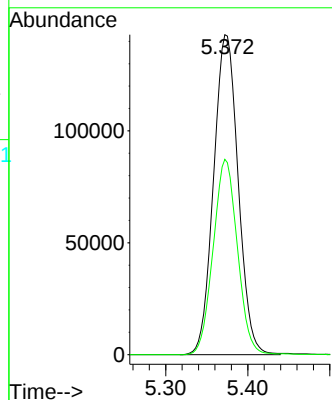
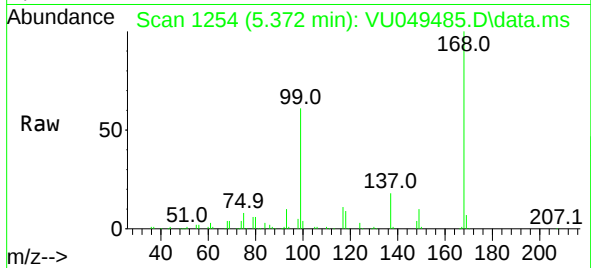




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

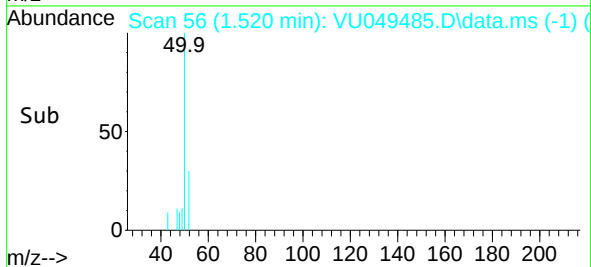
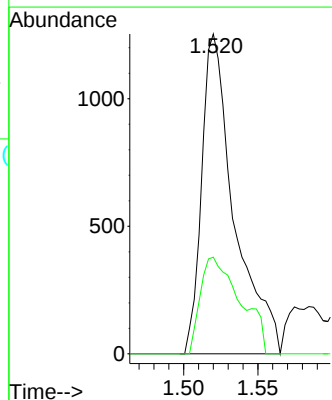
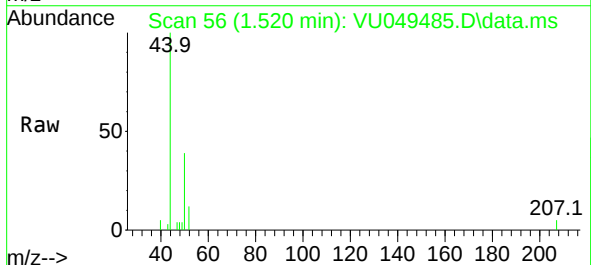
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

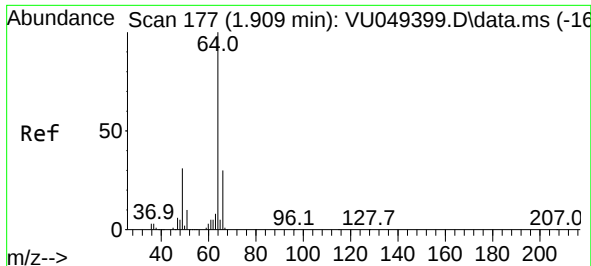
Tgt Ion:168 Resp: 297754
Ion Ratio Lower Upper
168 100
99 61.1 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion: 50 Resp: 1910
Ion Ratio Lower Upper
50 100
52 30.2 27.4 41.2

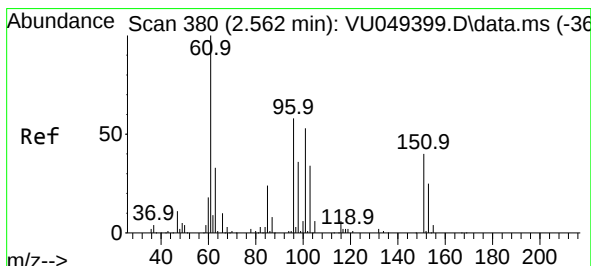
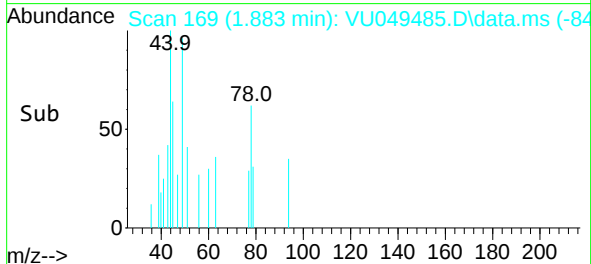
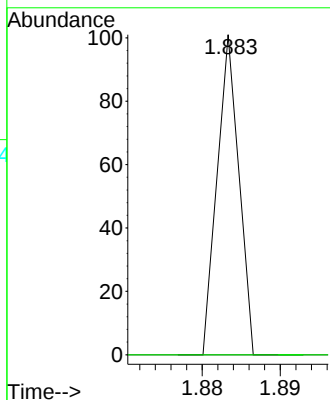
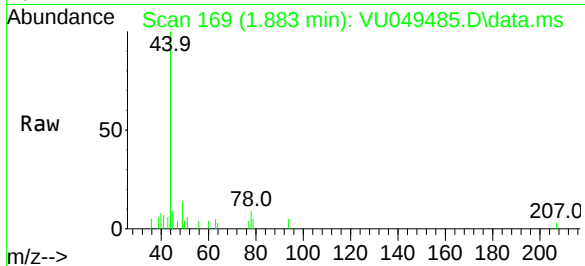




#6
Chloroethane
Concen: 1.924 ug/l
RT: 1.883 min Scan# 1
Delta R.T. -0.026 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

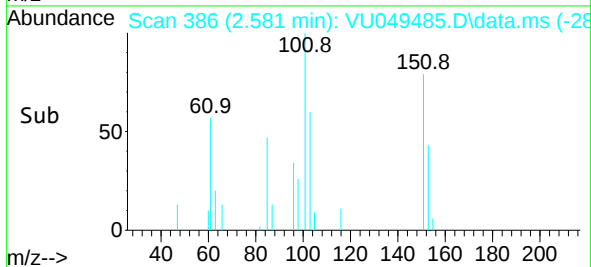
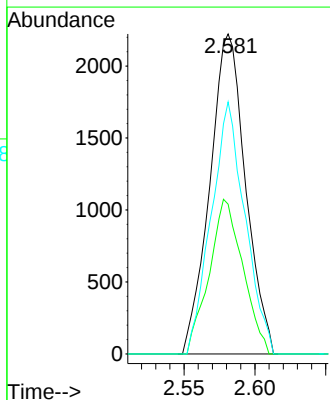
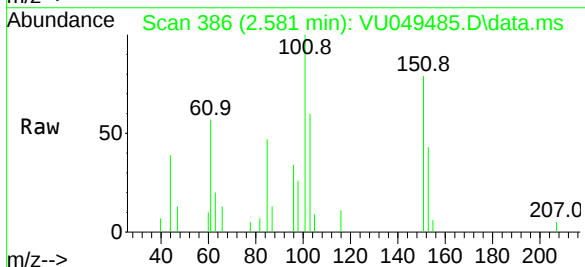
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

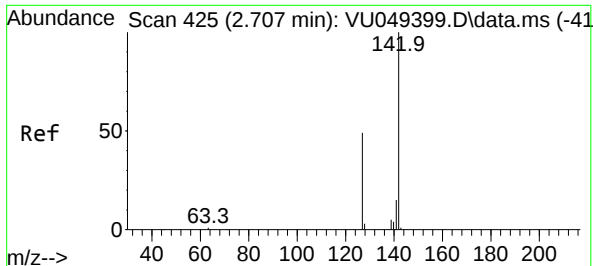
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.182 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

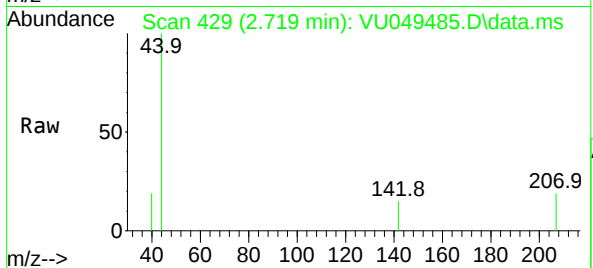
Tgt Ion:101 Resp: 3904
Ion Ratio Lower Upper
101 100
85 45.5 33.9 50.9
151 74.4 64.0 96.0



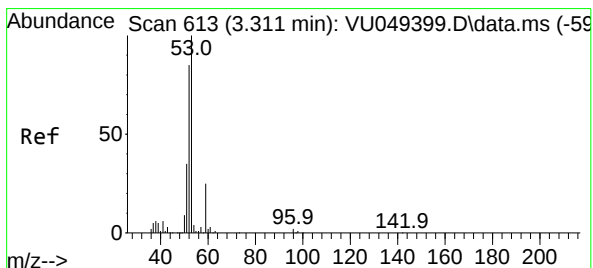
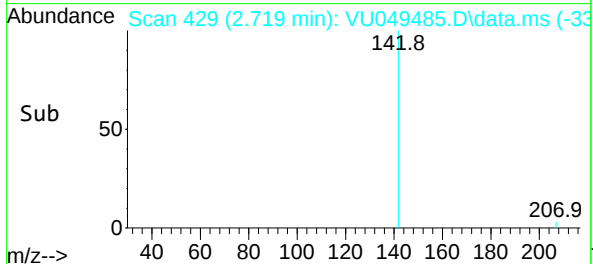
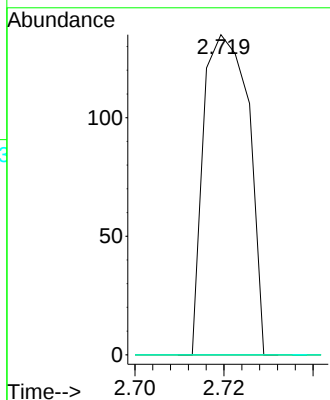


#10
Methyl Iodide
Concen: 7.538 ug/l
RT: 2.719 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

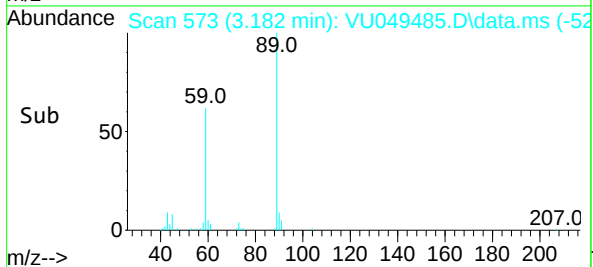
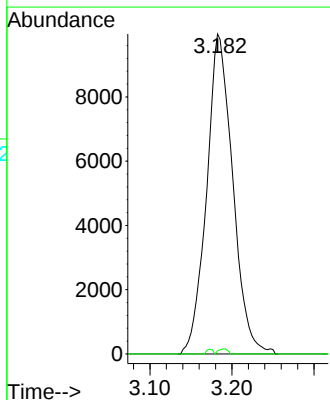
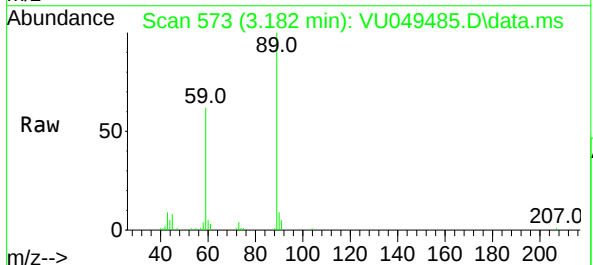


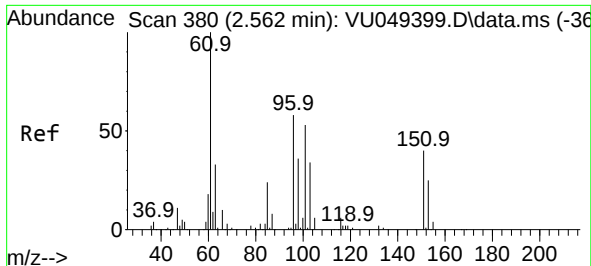
Tgt Ion:142 Resp: 94
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 20.571 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.129 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion: 59 Resp: 22079
Ion Ratio Lower Upper
59 100
57 0.6 30.6 45.8#

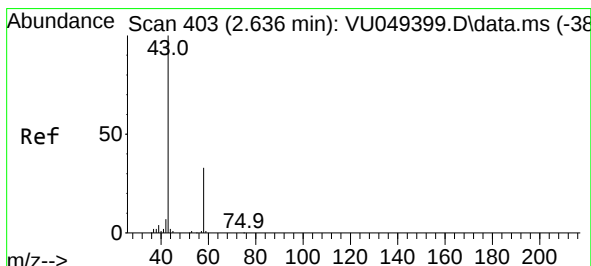
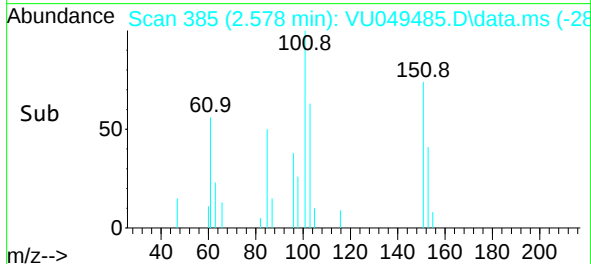
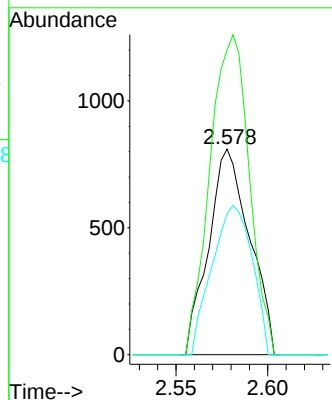
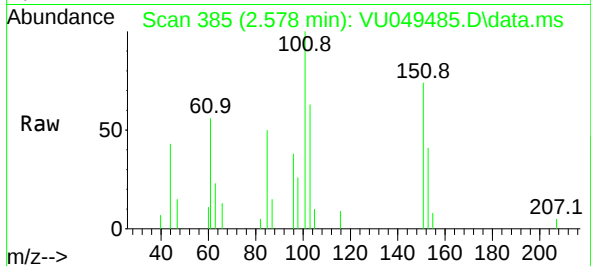




#12
1,1-Dichloroethene
Concen: 0.390 ug/l
RT: 2.578 min Scan# 31
Delta R.T. 0.016 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

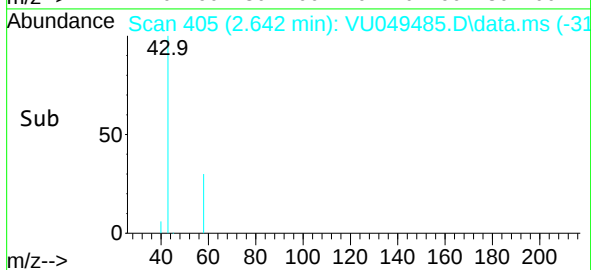
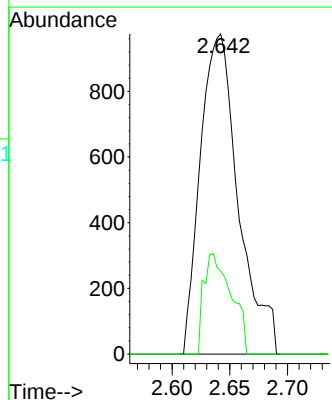
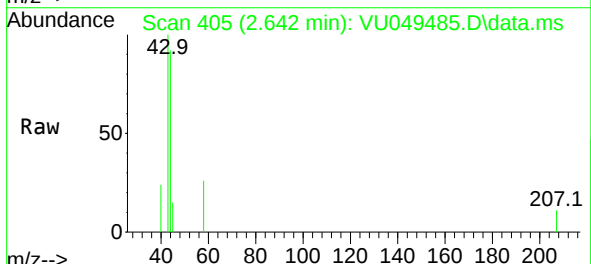
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

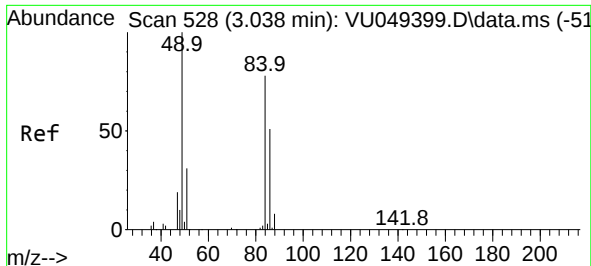
Tgt Ion: 96 Resp: 1260
Ion Ratio Lower Upper
96 100
61 148.3 122.2 183.2
98 68.5 50.7 76.1



#16
Acetone
Concen: 0.966 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 25.8 27.5 41.3#

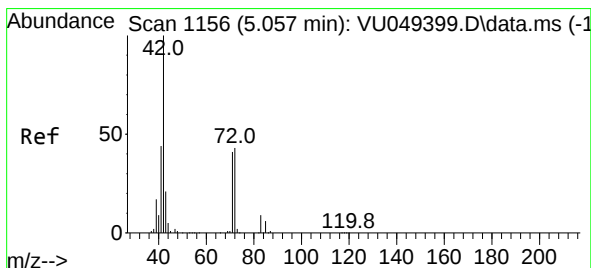
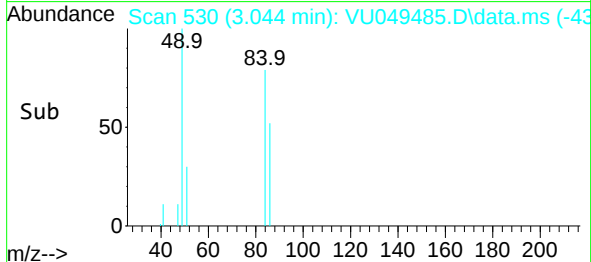
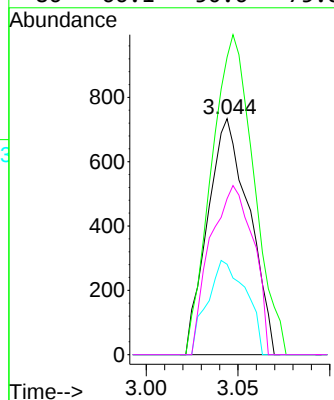
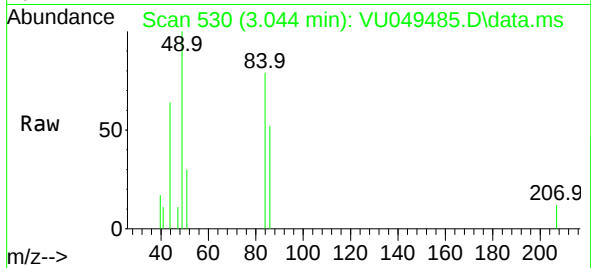




#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

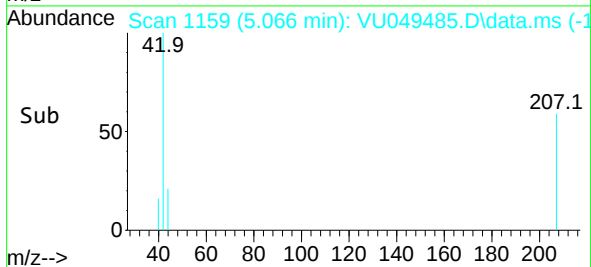
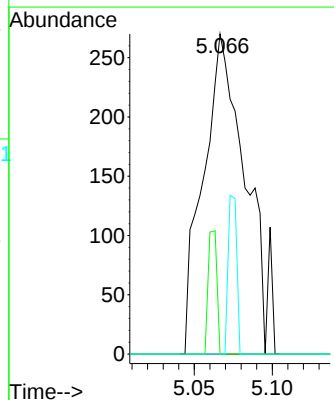
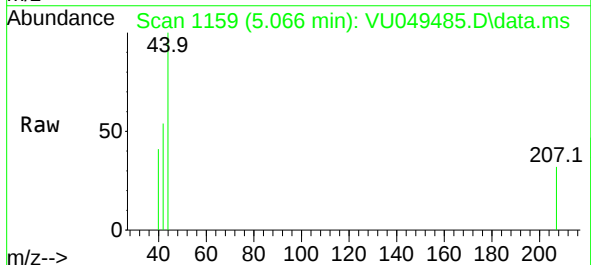
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

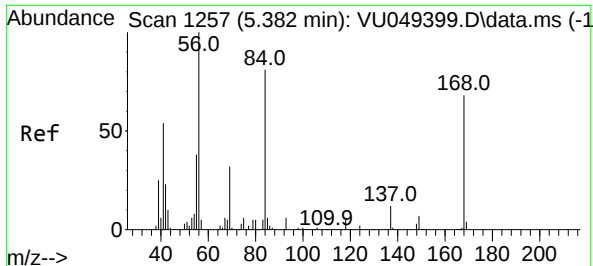
Tgt Ion:	84	Resp:	1153
Ion	Ratio	Lower	Upper
84	100		
49	126.0	86.6	129.8
51	38.3	26.6	40.0
86	66.1	50.6	75.8



#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 5.066 min Scan# 1159
Delta R.T. 0.010 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion:	42	Resp:	516
Ion	Ratio	Lower	Upper
42	100		
72	7.8	42.6	63.8#
71	9.9	40.3	60.5#





#31

Cyclohexane

Concen: 0.875 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU049485.D

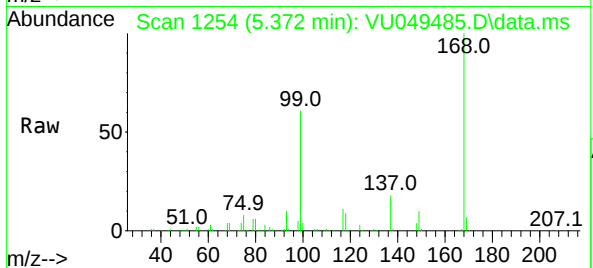
Acq: 29 Jun 2022 02:11

Instrument :

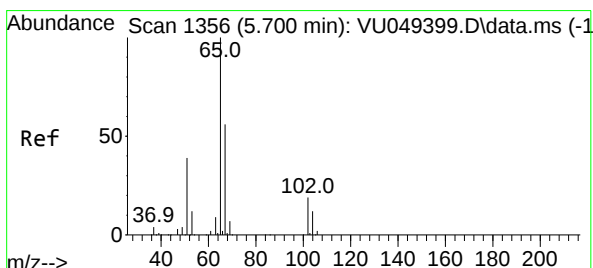
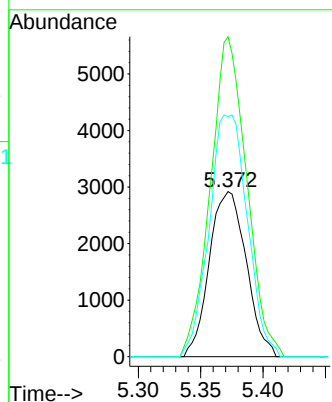
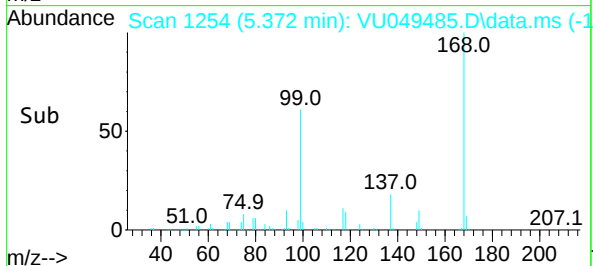
MSVOA_U

ClientSampleId :

RE132D6-20220620



Tgt Ion: 56	Resp: 6024
Ion Ratio	Lower Upper
56	100
69	193.8 27.8 41.8#
84	145.4 74.2 111.4#



#33

1,2-Dichloroethane-d4

Concen: 44.414 ug/l

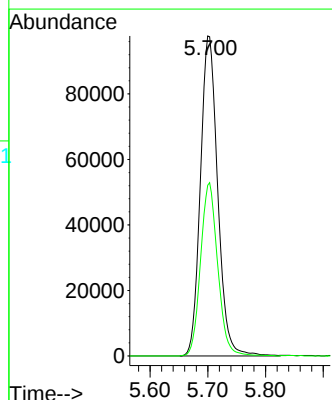
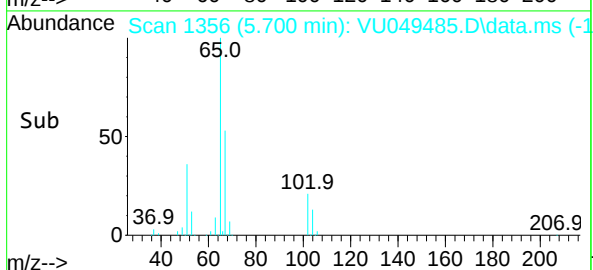
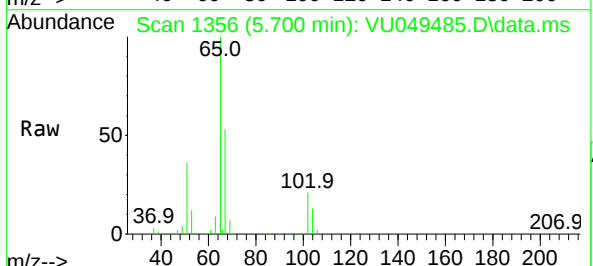
RT: 5.700 min Scan# 1356

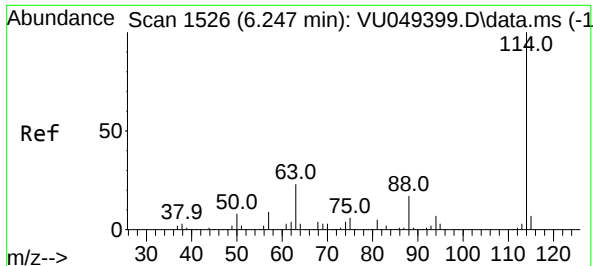
Delta R.T. -0.000 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

Tgt Ion: 65	Resp: 203665
Ion Ratio	Lower Upper
65	100
67	53.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

Instrument :

MSVOA_U

ClientSampleId :

RE132D6-20220620

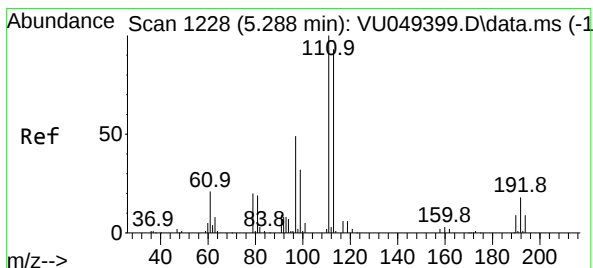
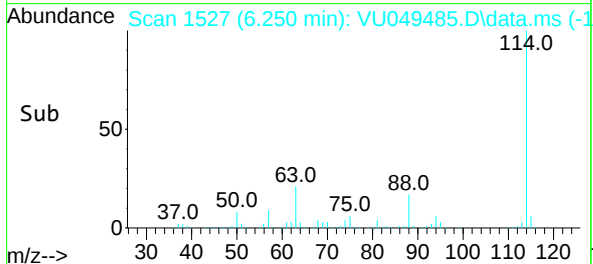
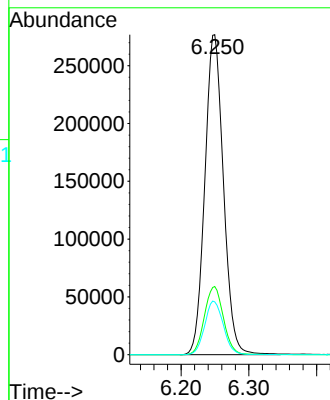
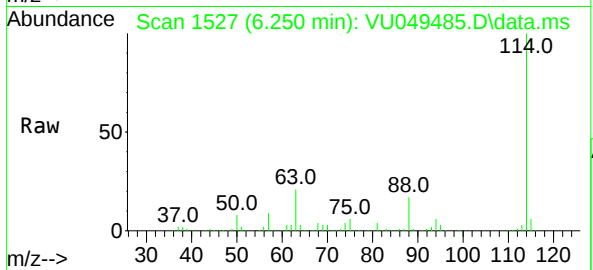
Tgt Ion:114 Resp: 527332

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.406 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

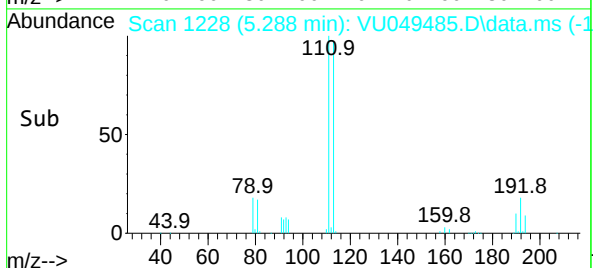
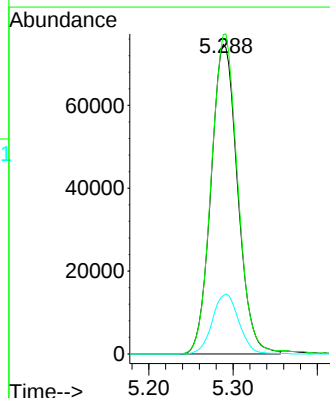
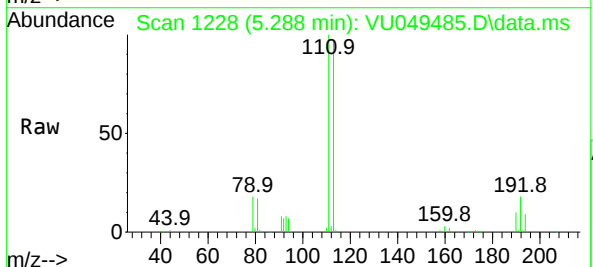
Tgt Ion:113 Resp: 163830

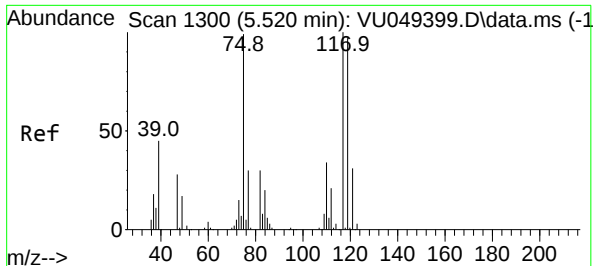
Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

192 19.3 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.503 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

Instrument :

MSVOA_U

ClientSampleId :

RE132D6-20220620

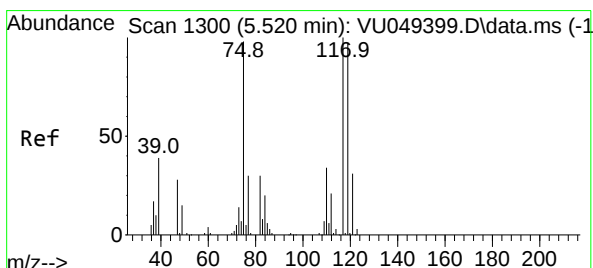
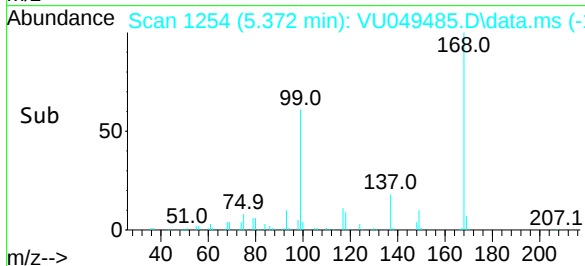
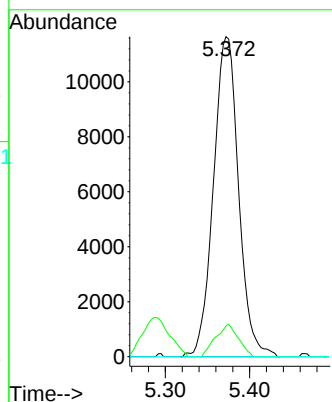
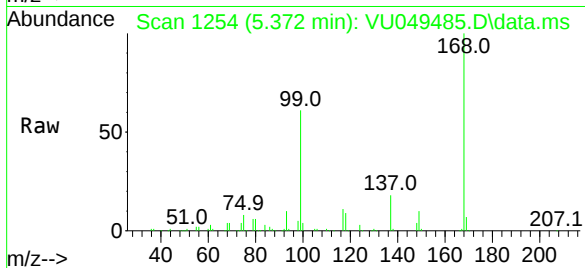
Tgt Ion: 75 Resp: 24087

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.502 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

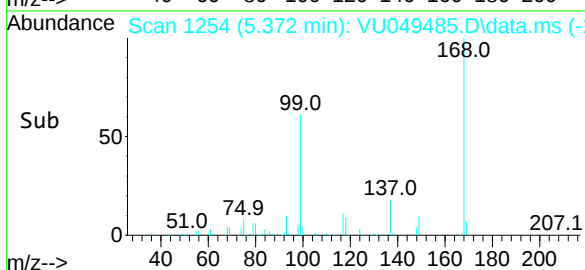
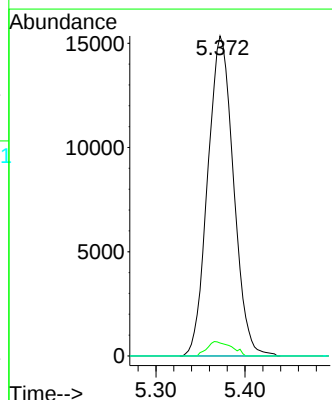
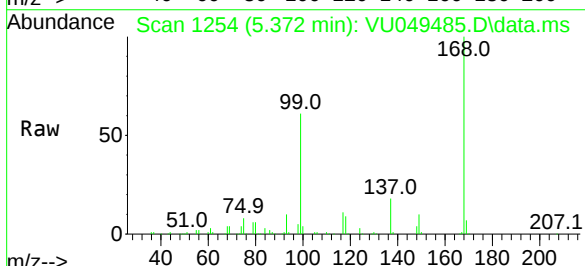
Tgt Ion: 117 Resp: 30866

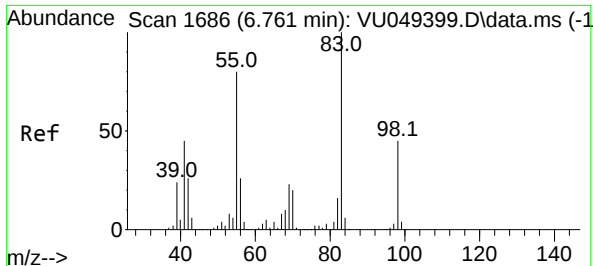
Ion Ratio Lower Upper

117 100

119 4.1 76.8 115.2#

121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.560 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.222 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

Instrument :

MSVOA_U

ClientSampleId :

RE132D6-20220620

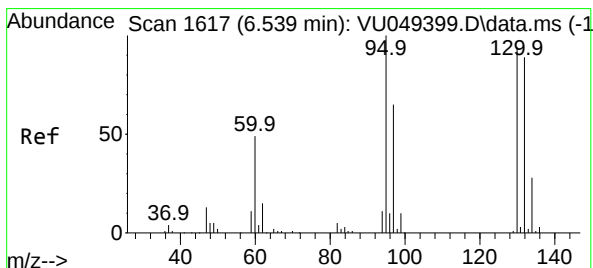
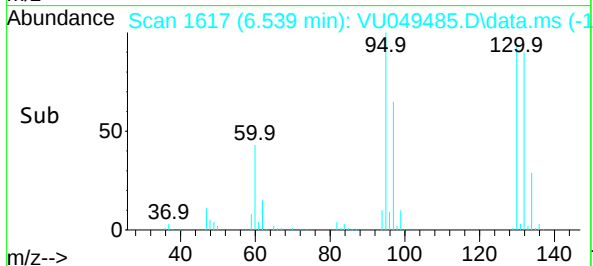
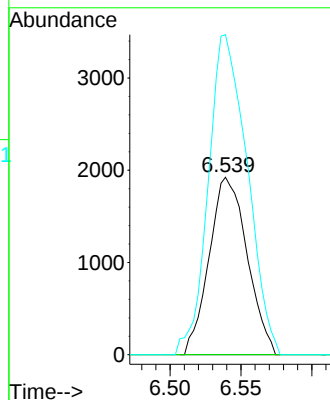
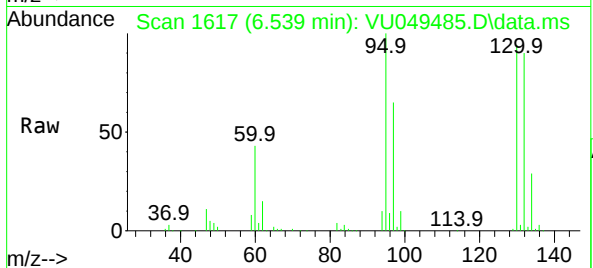
Tgt Ion: 83 Resp: 3591

Ion Ratio Lower Upper

83 100

55 0.0 55.3 82.9#

98 180.4 37.3 55.9#



#44

Trichloroethene

Concen: 66.288 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049485.D

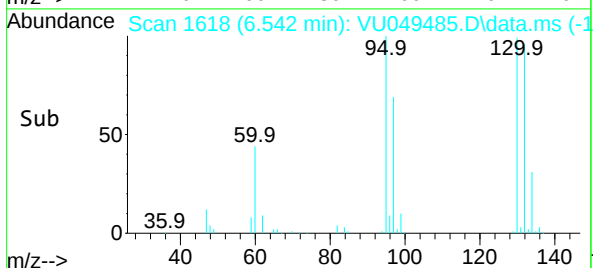
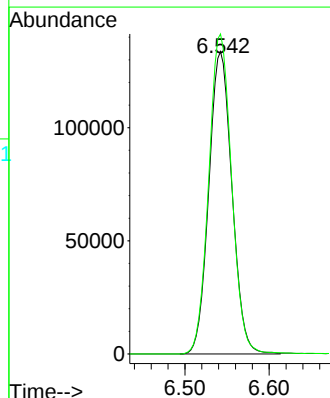
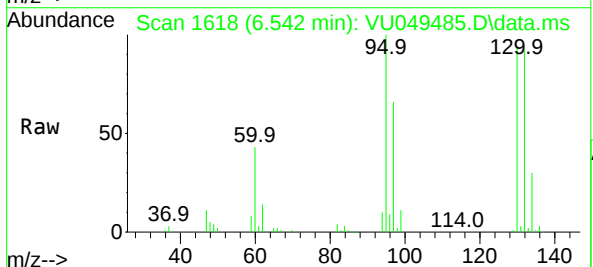
Acq: 29 Jun 2022 02:11

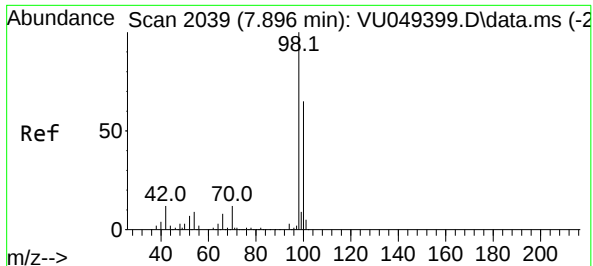
Tgt Ion:130 Resp: 254509

Ion Ratio Lower Upper

130 100

95 105.8 0.0 184.6

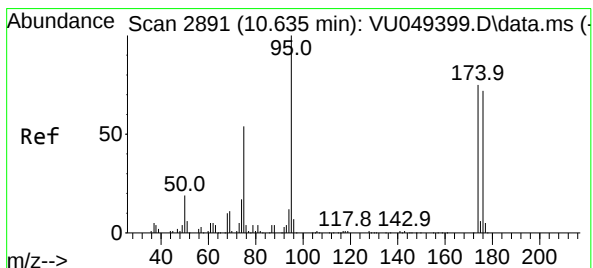
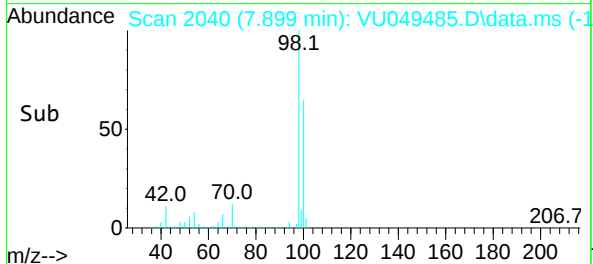
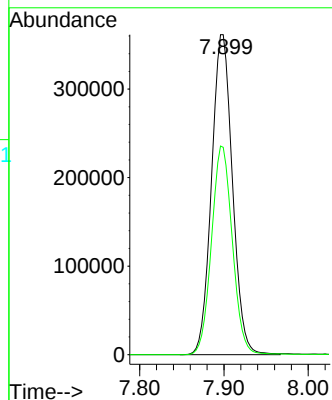
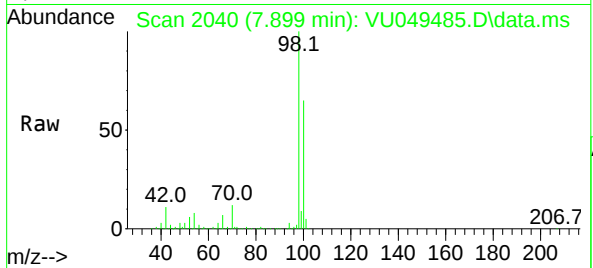




#50
Toluene-d8
Concen: 47.351 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

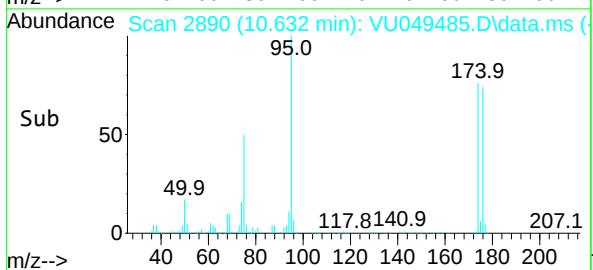
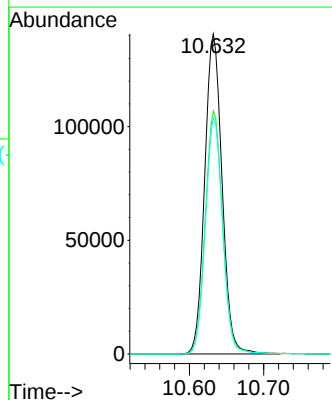
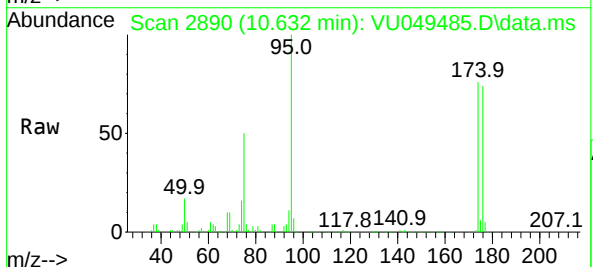
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

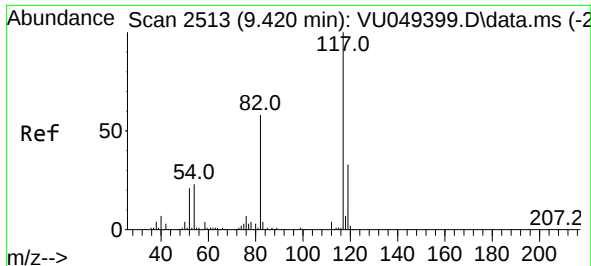
Tgt Ion: 98 Resp: 623085
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.237 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion: 95 Resp: 228028
Ion Ratio Lower Upper
95 100
174 76.1 0.0 182.0
176 73.7 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU049485.D

Acq: 29 Jun 2022 02:11

Instrument :

MSVOA_U

ClientSampleId :

RE132D6-20220620

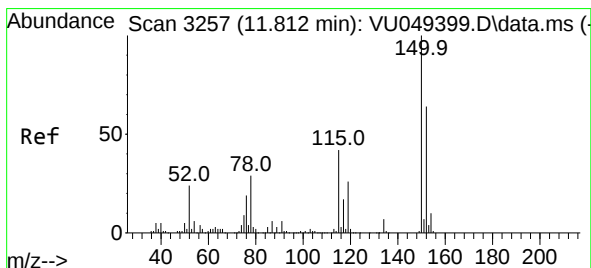
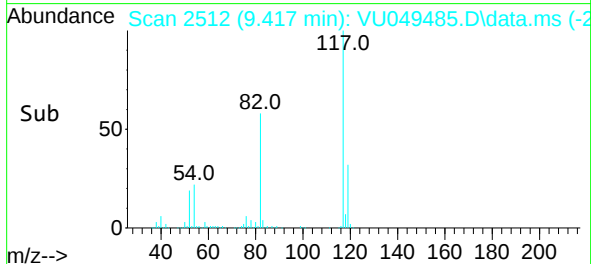
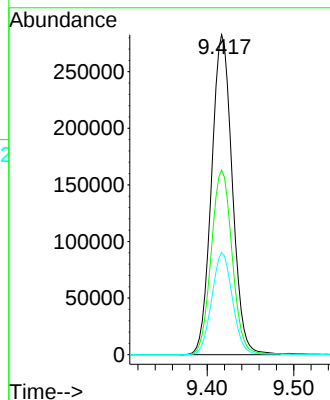
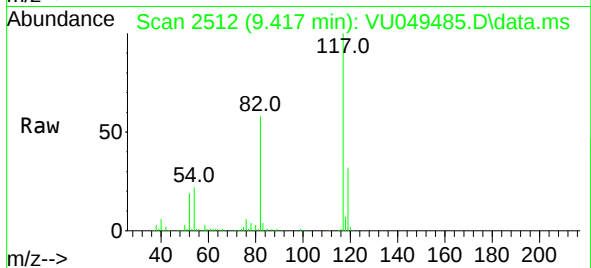
Tgt Ion:117 Resp: 470806

Ion Ratio Lower Upper

117 100

82 57.7 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: VU049485.D

Acq: 29 Jun 2022 02:11

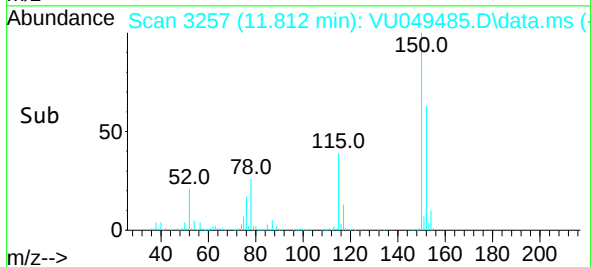
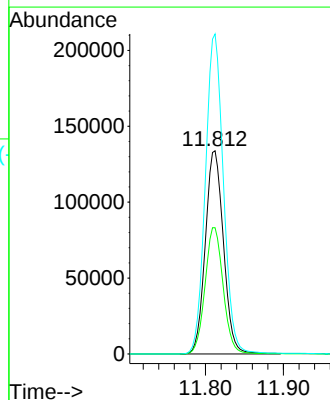
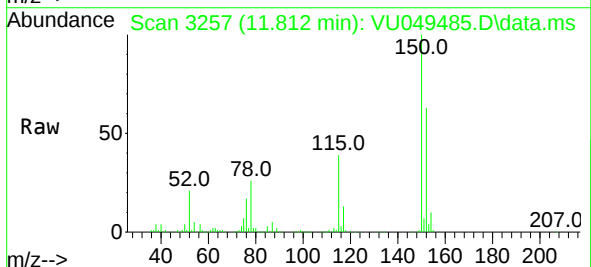
Tgt Ion:152 Resp: 216933

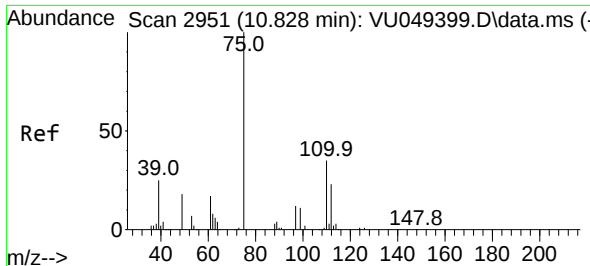
Ion Ratio Lower Upper

152 100

115 61.8 37.0 110.9

150 157.0 0.0 342.2

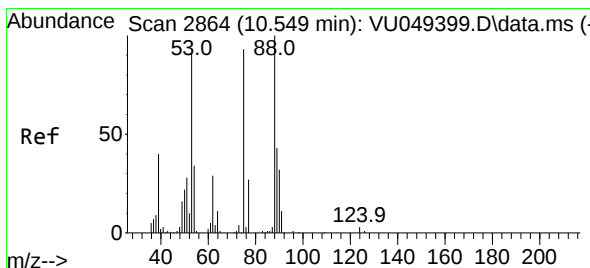
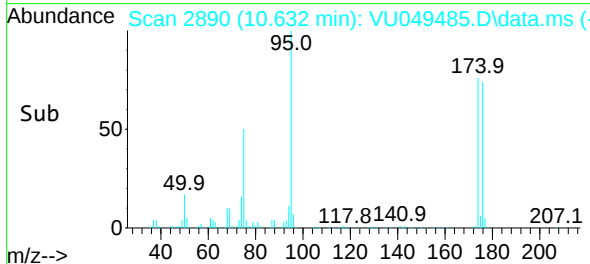
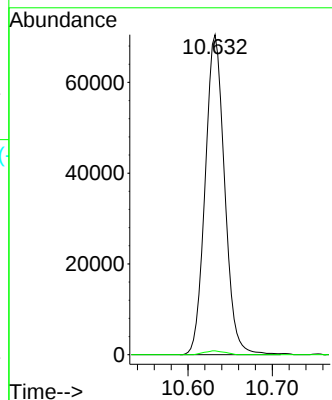
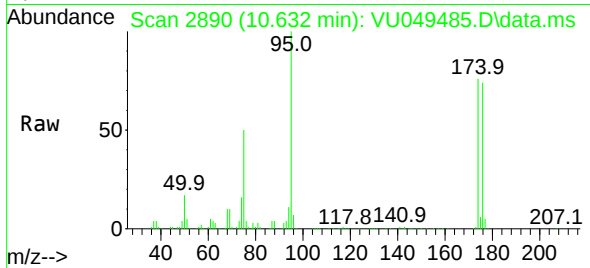




#76
1,2,3-Trichloropropane
Concen: 15.414 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

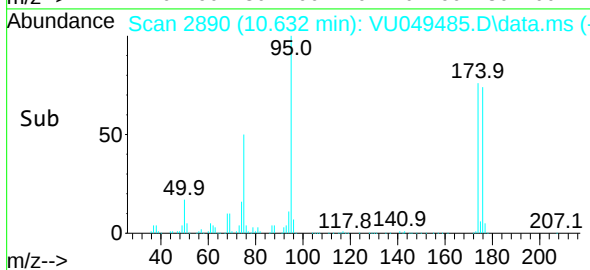
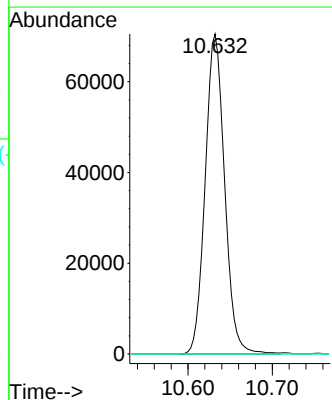
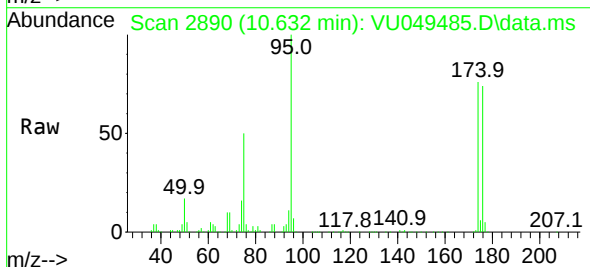
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

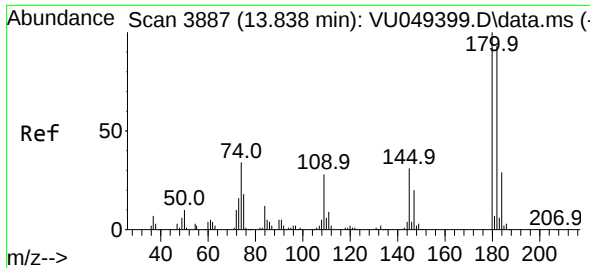
Tgt Ion: 75 Resp: 113350
Ion Ratio Lower Upper
75 100
77 1.3 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.921 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion: 75 Resp: 113350
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

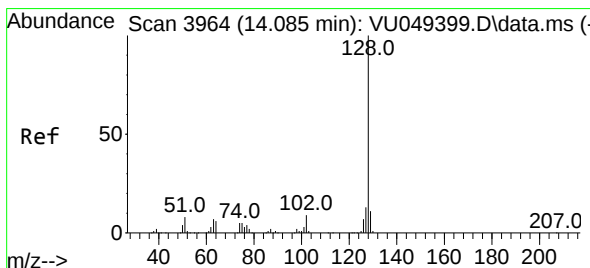
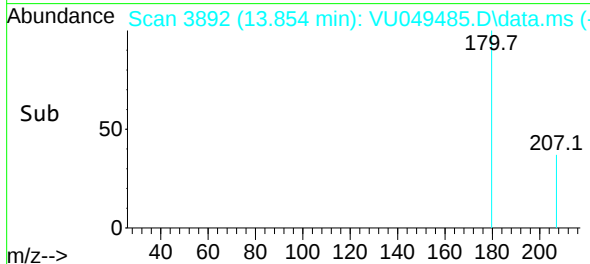
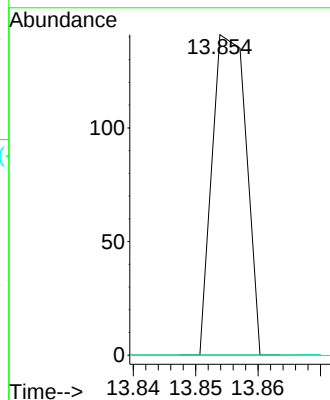
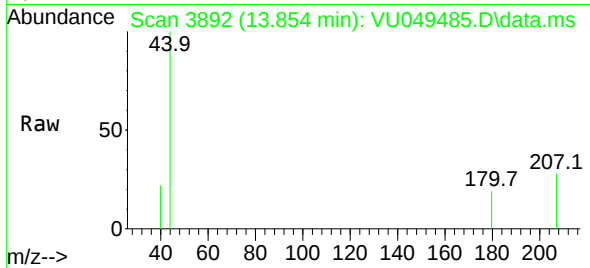




#93
1,2,4-Trichlorobenzene
Concen: 1.764 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.016 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

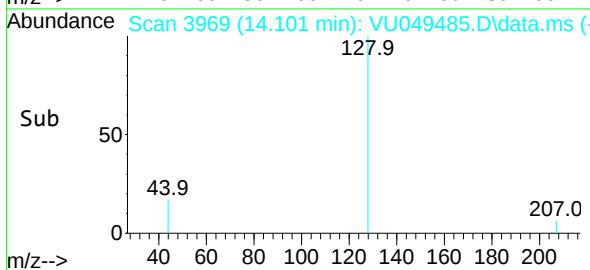
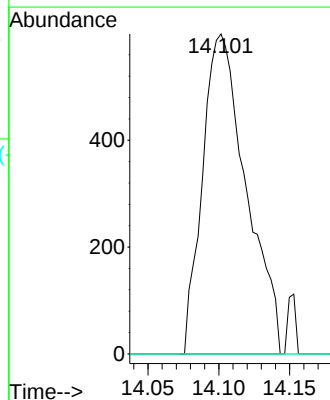
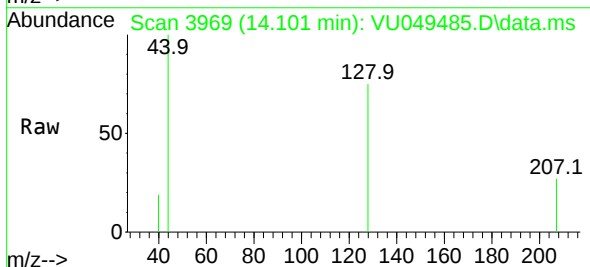
Instrument :
MSVOA_U
ClientSampleId :
RE132D6-20220620

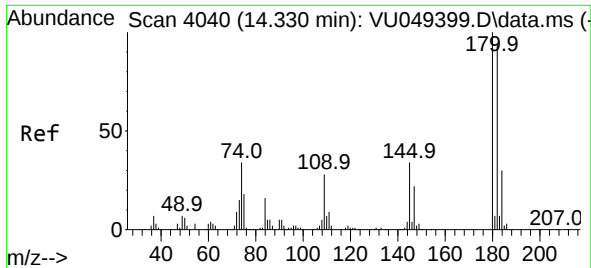
Tgt Ion:180 Resp: 53
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#



#95
Naphthalene
Concen: 1.809 ug/l
RT: 14.101 min Scan# 3969
Delta R.T. 0.016 min
Lab File: VU049485.D
Acq: 29 Jun 2022 02:11

Tgt Ion:128 Resp: 1284
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.218 ug/l

RT: 14.336 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU049485.D

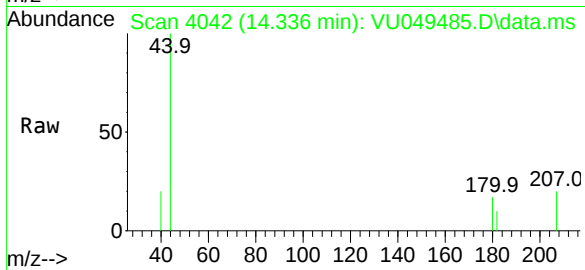
Acq: 29 Jun 2022 02:11

Instrument :

MSVOA_U

ClientSampleId :

RE132D6-20220620



Tgt Ion:180 Resp: 207

Ion Ratio Lower Upper

180 100

182 30.9 48.4 145.0#

145 0.0 14.8 44.4#

