

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049545.D
 Acq On : 30 Jun 2022 05:06
 Operator : SY/MD
 Sample : N3507-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 09:13:30 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	242567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	426024	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	156497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	170673	45.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.380%
35) Dibromofluoromethane	5.289	113	135731	45.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	7.896	98	514140	48.363	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	10.632	95	171320	42.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.140%

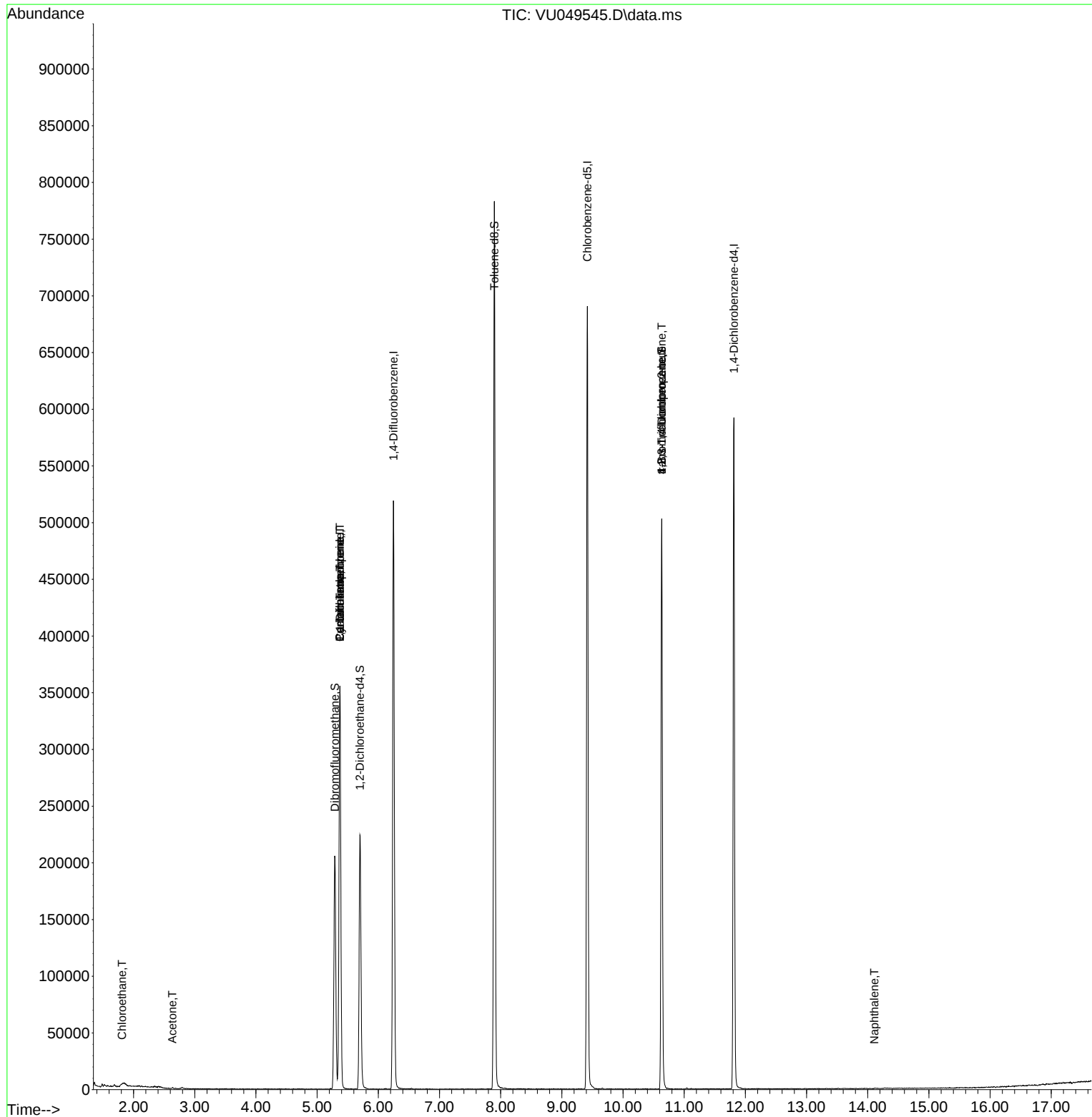
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.523	50	1387	Below Cal		100
6) Chloroethane	1.810	64	19	1.925	ug/l #	44
16) Acetone	2.636	43	1006	0.534	ug/l #	68
31) Cyclohexane	5.372	56	5366	0.957	ug/l #	13
36) 1,1-Dichloropropene	5.372	75	19548	4.523	ug/l #	48
38) Carbon Tetrachloride	5.372	117	25043	5.525	ug/l #	17
76) 1,2,3-Trichloropropane	10.632	75	86713	16.345	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	86713	60.361	ug/l #	15
95) Naphthalene	14.108	128	481	1.774	ug/l #	69

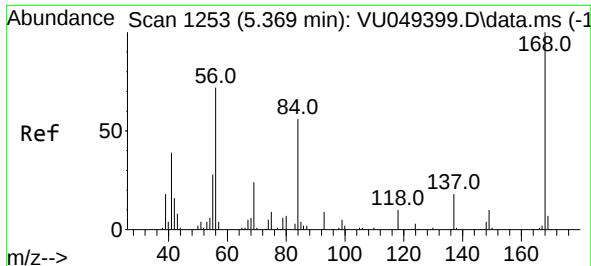
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration

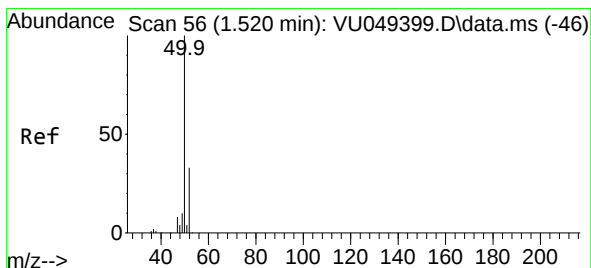
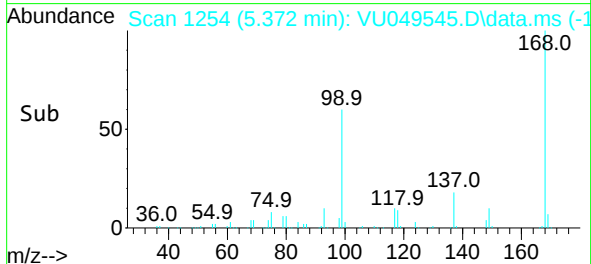
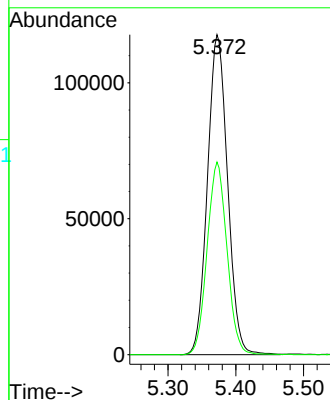
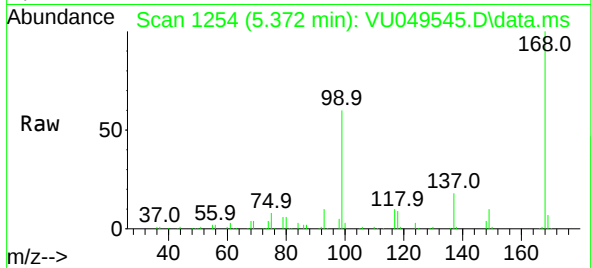




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

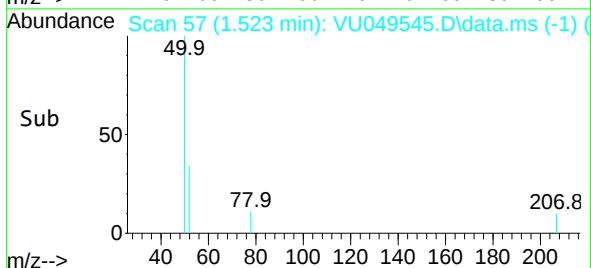
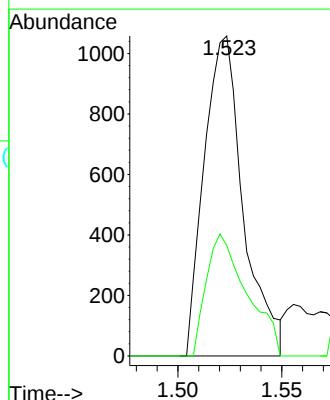
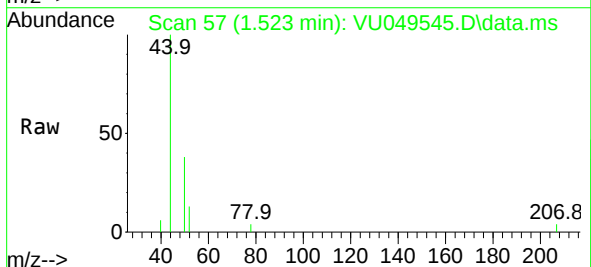
Instrument :
MSVOA_U
ClientSampleId :

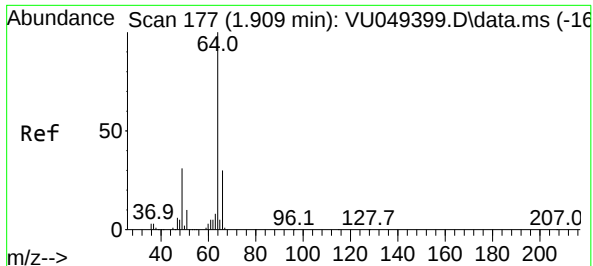
Tgt Ion:168 Resp: 242567
Ion Ratio Lower Upper
168 100
99 60.2 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

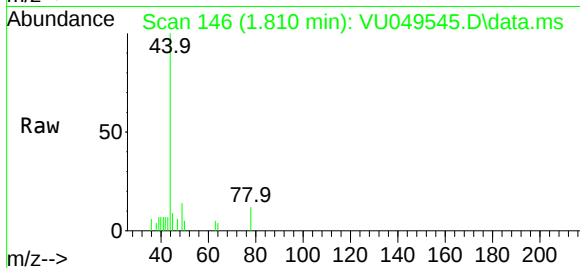
Tgt Ion: 50 Resp: 1387
Ion Ratio Lower Upper
50 100
52 34.5 27.4 41.2



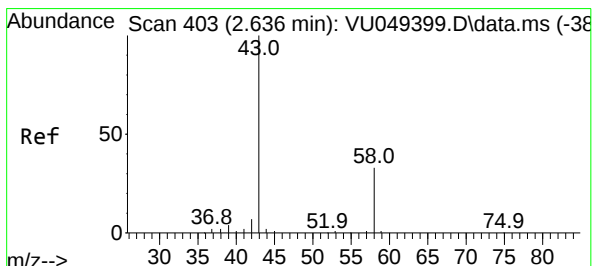
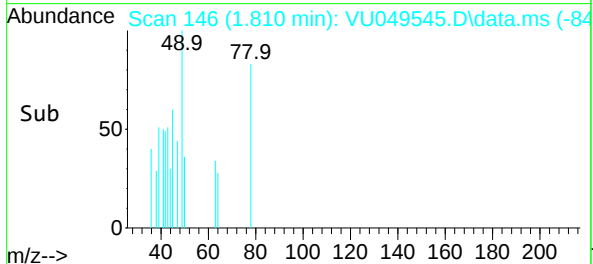
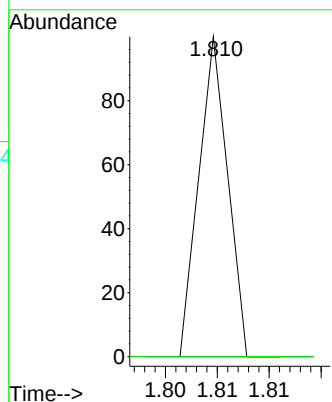


#6
Chloroethane
Concen: 1.925 ug/l
RT: 1.810 min Scan# 146
Delta R.T. -0.099 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

Instrument :
MSVOA_U
ClientSampleId :

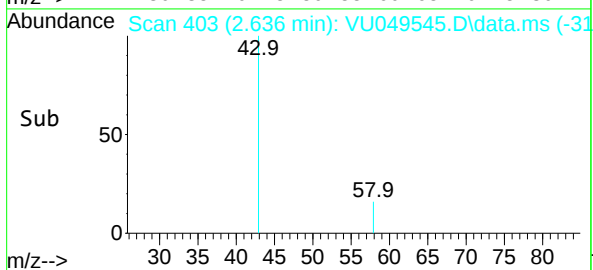
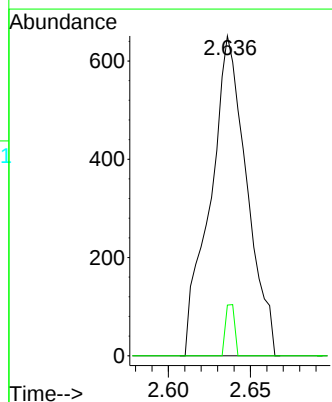
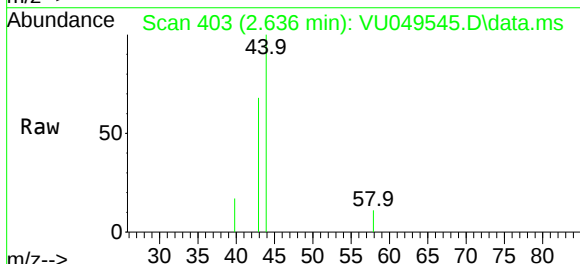


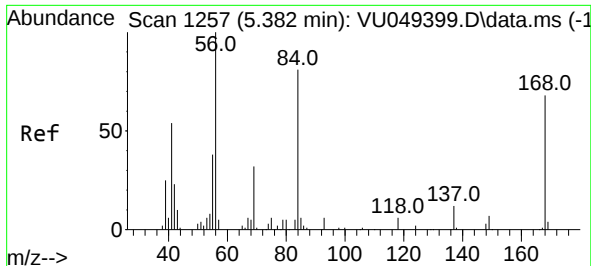
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 0.534 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

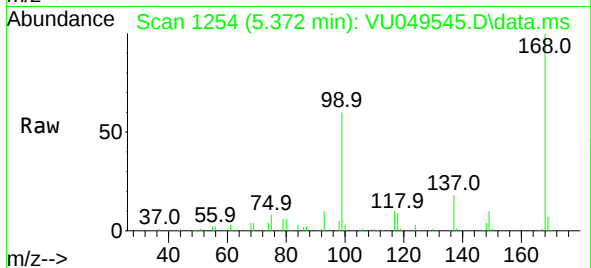
Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 15.8 27.5 41.3#



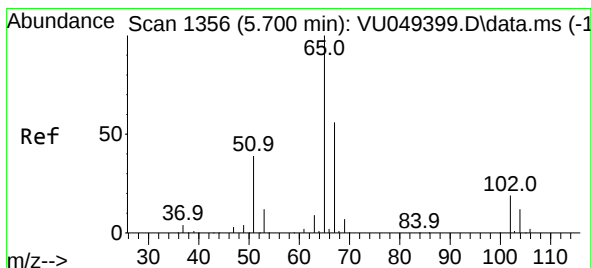
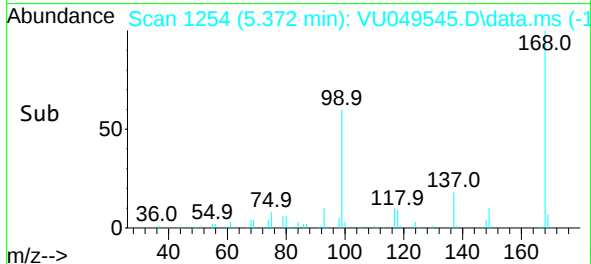
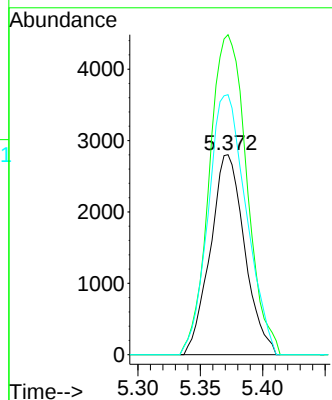


#31
Cyclohexane
Concen: 0.957 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.009 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

Instrument :
MSVOA_U
ClientSampleId :

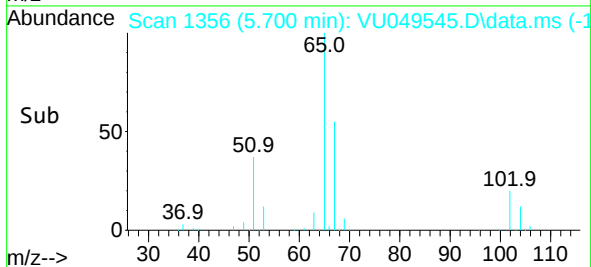
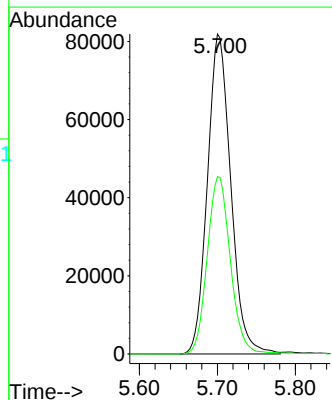
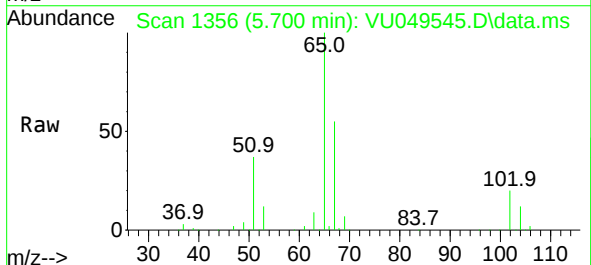


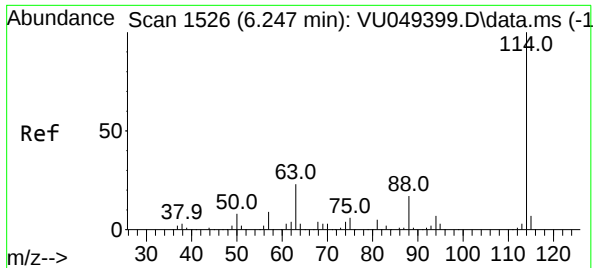
Tgt Ion: 56 Resp: 5366
Ion Ratio Lower Upper
56 100
69 160.0 27.8 41.8#
84 130.0 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 45.687 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

Tgt Ion: 65 Resp: 170673
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049545.D

Acq: 30 Jun 2022 05:06

Instrument :

MSVOA_U

ClientSampleId :

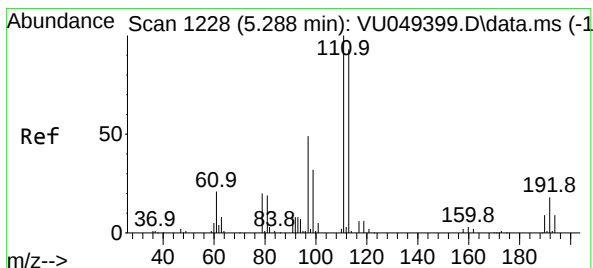
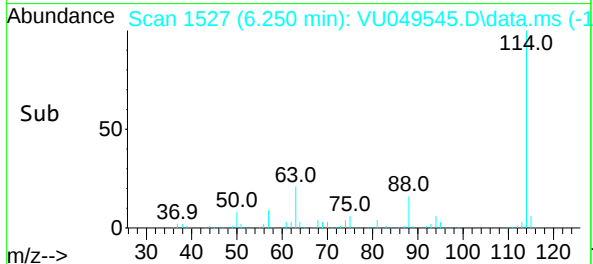
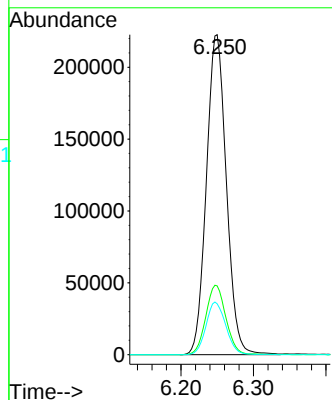
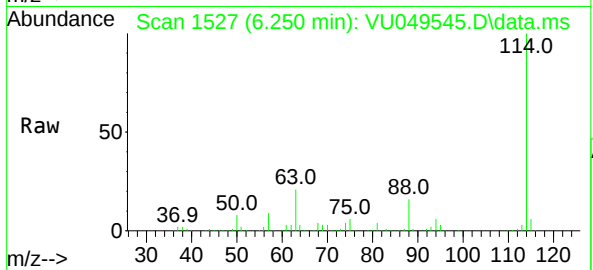
Tgt Ion:114 Resp: 426024

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.539 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049545.D

Acq: 30 Jun 2022 05:06

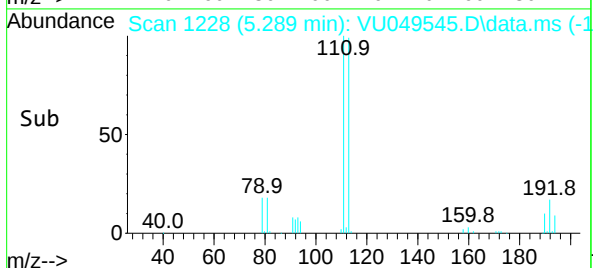
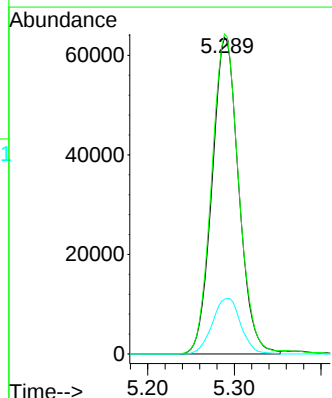
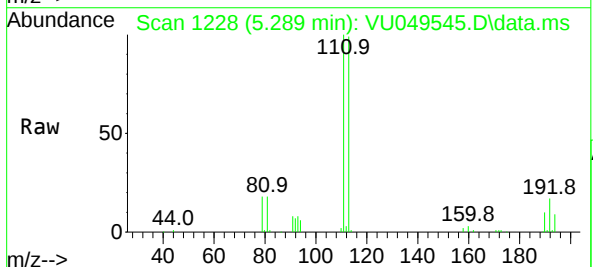
Tgt Ion:113 Resp: 135731

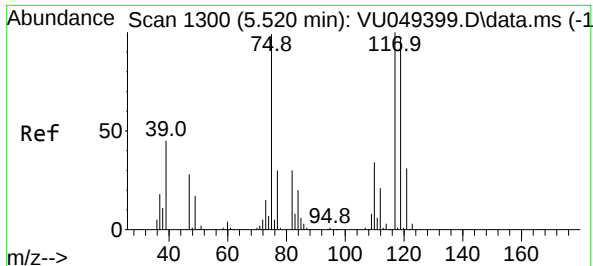
Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

192 18.7 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.523 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049545.D

Acq: 30 Jun 2022 05:06

Instrument :

MSVOA_U

ClientSampleId :

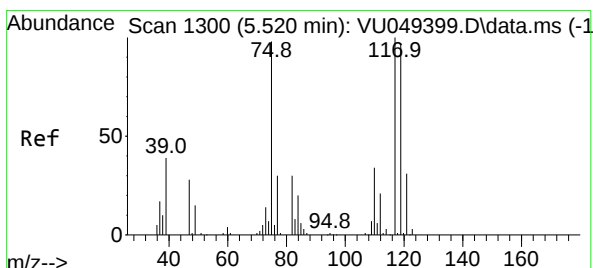
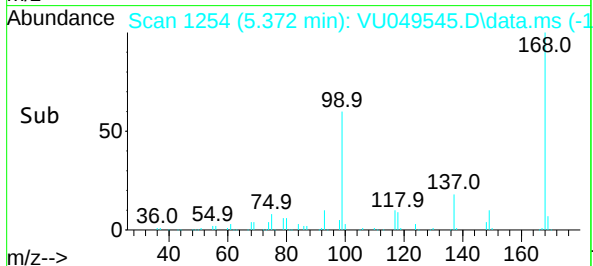
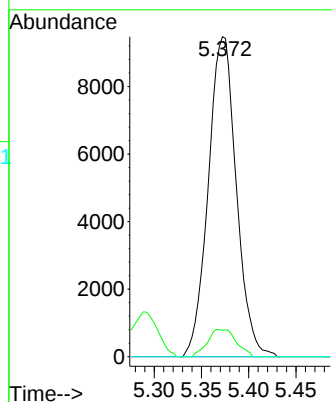
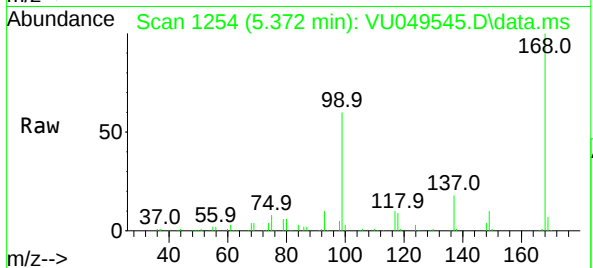
Tgt Ion: 75 Resp: 19548

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.525 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049545.D

Acq: 30 Jun 2022 05:06

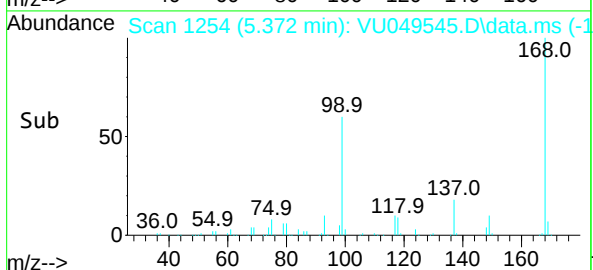
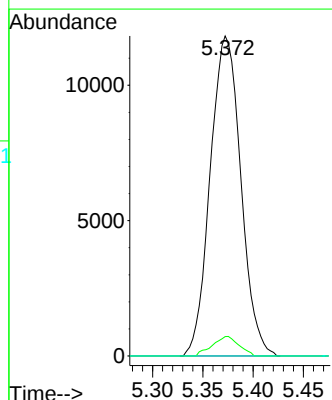
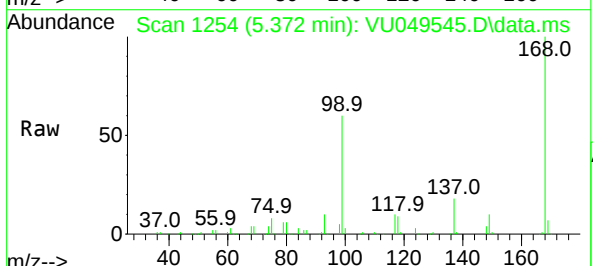
Tgt Ion: 117 Resp: 25043

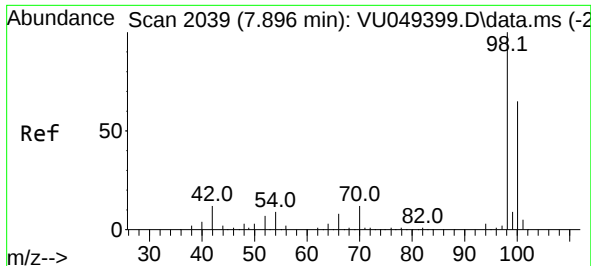
Ion Ratio Lower Upper

117 100

119 6.1 76.8 115.2#

121 0.0 24.7 37.1#

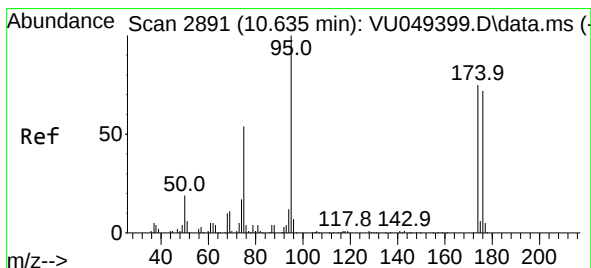
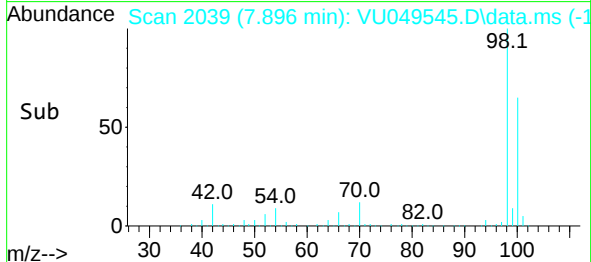
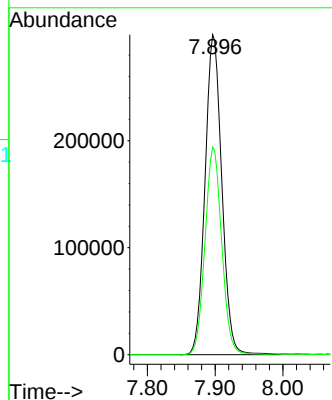
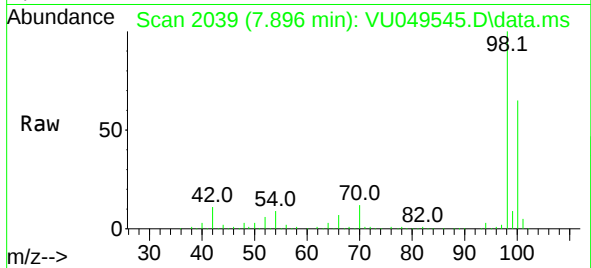




#50
Toluene-d8
Concen: 48.363 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

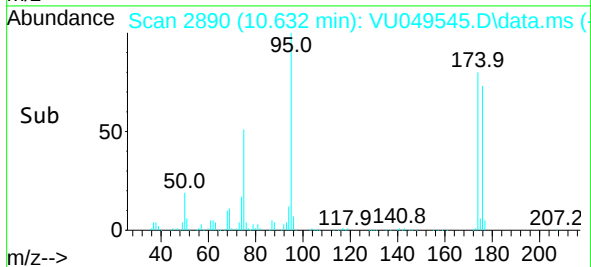
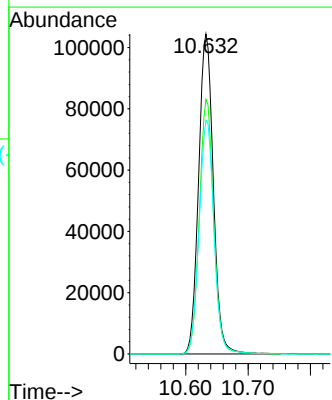
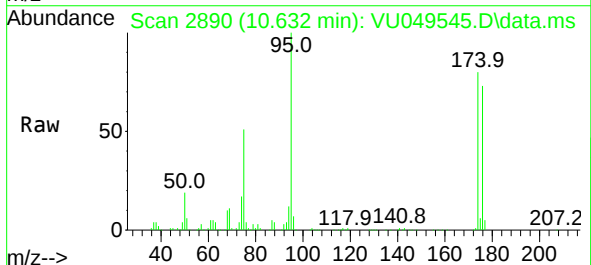
Instrument :
MSVOA_U
ClientSampleId :

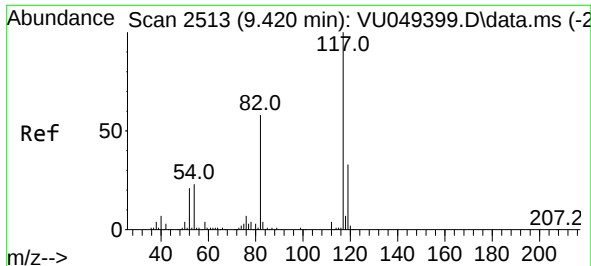
Tgt Ion: 98 Resp: 514140
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.069 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

Tgt Ion: 95 Resp: 171320
Ion Ratio Lower Upper
95 100
174 77.7 0.0 182.0
176 73.7 0.0 177.8

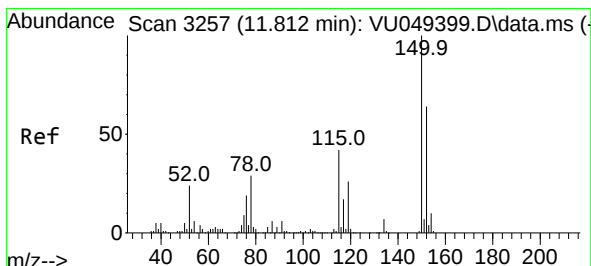
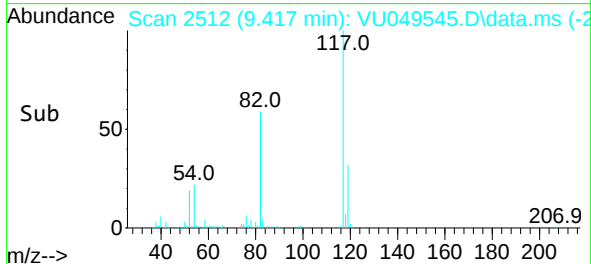
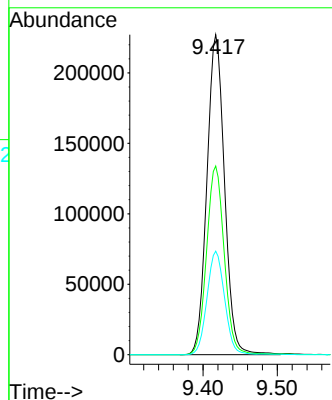
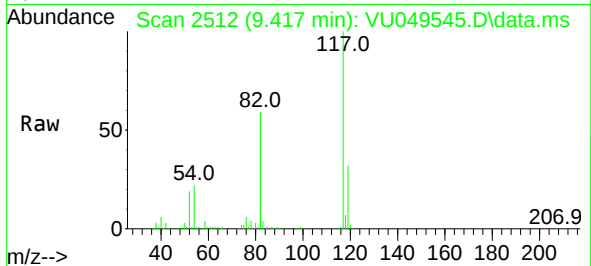




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

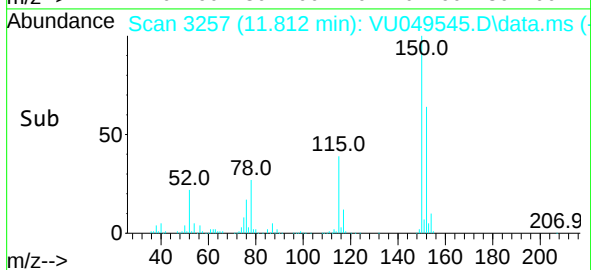
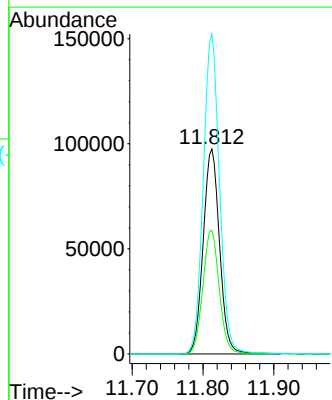
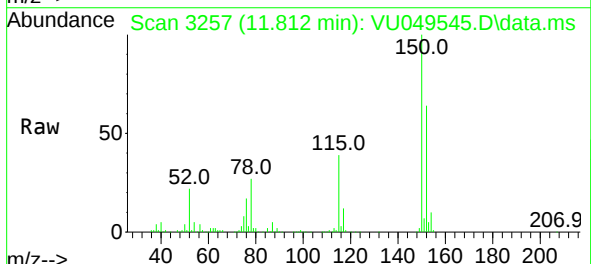
Instrument :
MSVOA_U
ClientSampleId :

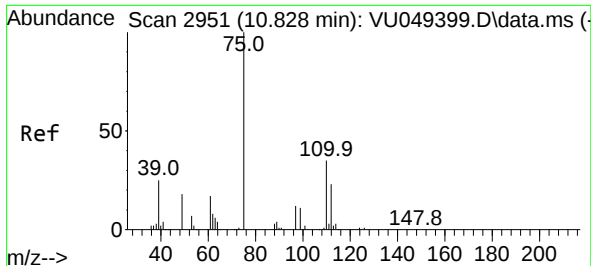
Tgt Ion:117 Resp: 374019
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

Tgt Ion:152 Resp: 156497
Ion Ratio Lower Upper
152 100
115 60.4 37.0 110.9
150 155.2 0.0 342.2

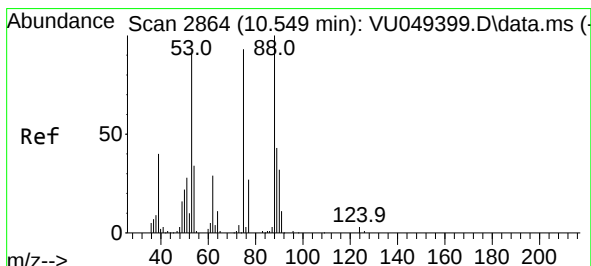
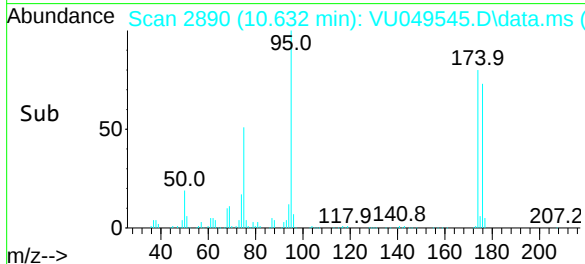
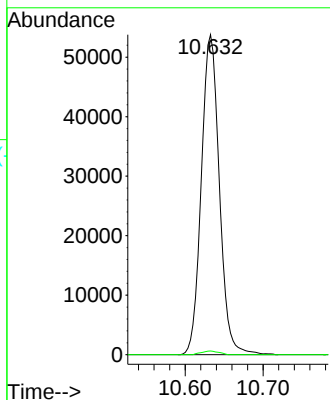
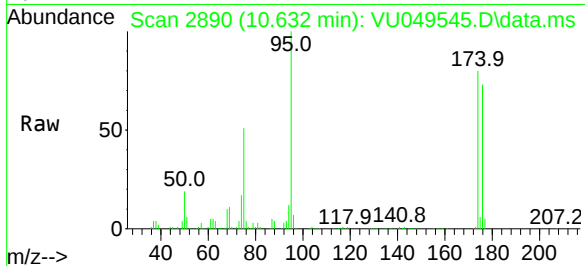




#76
1,2,3-Trichloropropane
Concen: 16.345 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

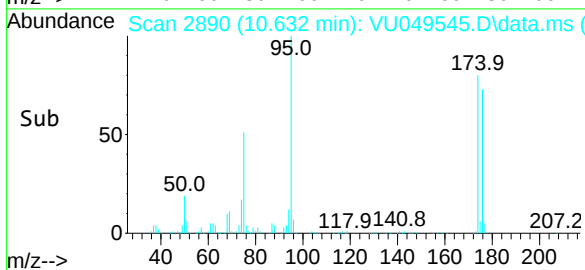
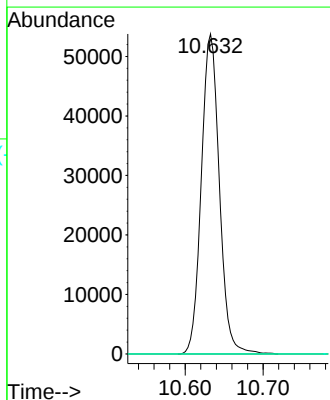
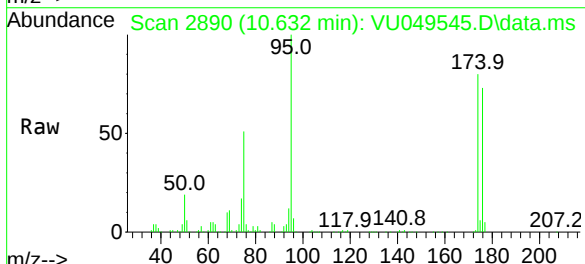
Instrument :
MSVOA_U
ClientSampleId :

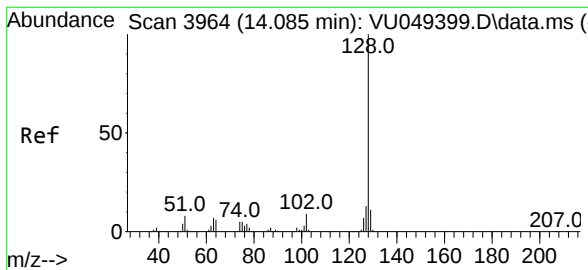
Tgt Ion: 75 Resp: 86713
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.361 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049545.D
Acq: 30 Jun 2022 05:06

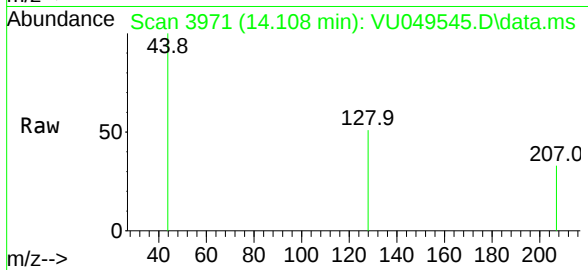
Tgt Ion: 75 Resp: 86713
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#95
 Naphthalene
 Concen: 1.774 ug/l
 RT: 14.108 min Scan# 3964
 Delta R.T. 0.023 min
 Lab File: VU049545.D
 Acq: 30 Jun 2022 05:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128	Resp:	481
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 13.0#

