

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051129.D
 Acq On : 05 Oct 2022 16:23
 Operator : JC/MD
 Sample : N4858-01ME
 Misc : 5.47g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGSE8ME

Quant Time: Oct 06 03:04:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	428779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	437312	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179565	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	129298	29.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.500%#
7) Chloroethane-d5	1.867	69	62711	15.536	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	31.080%#
11) 1,1-Dichloroethene-d2	2.610	63	44	0.007	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.020%#
21) 2-Butanone-d5	4.636	46	231503	82.140	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	5.057	84	293487	41.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.840%
26) 1,2-Dichloroethane-d4	5.697	65	191758	44.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.500%
32) Benzene-d6	5.719	84	587388	45.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.740%
36) 1,2-Dichloropropane-d6	6.687	67	203664	49.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.020%
41) Toluene-d8	7.896	98	496053	41.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.860%
43) trans-1,3-Dichloroprop...	8.182	79	78371	39.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.080%
47) 2-Hexanone-d5	8.649	63	147864	88.124	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	326080	44.899	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	182142	47.482	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%

Target Compounds

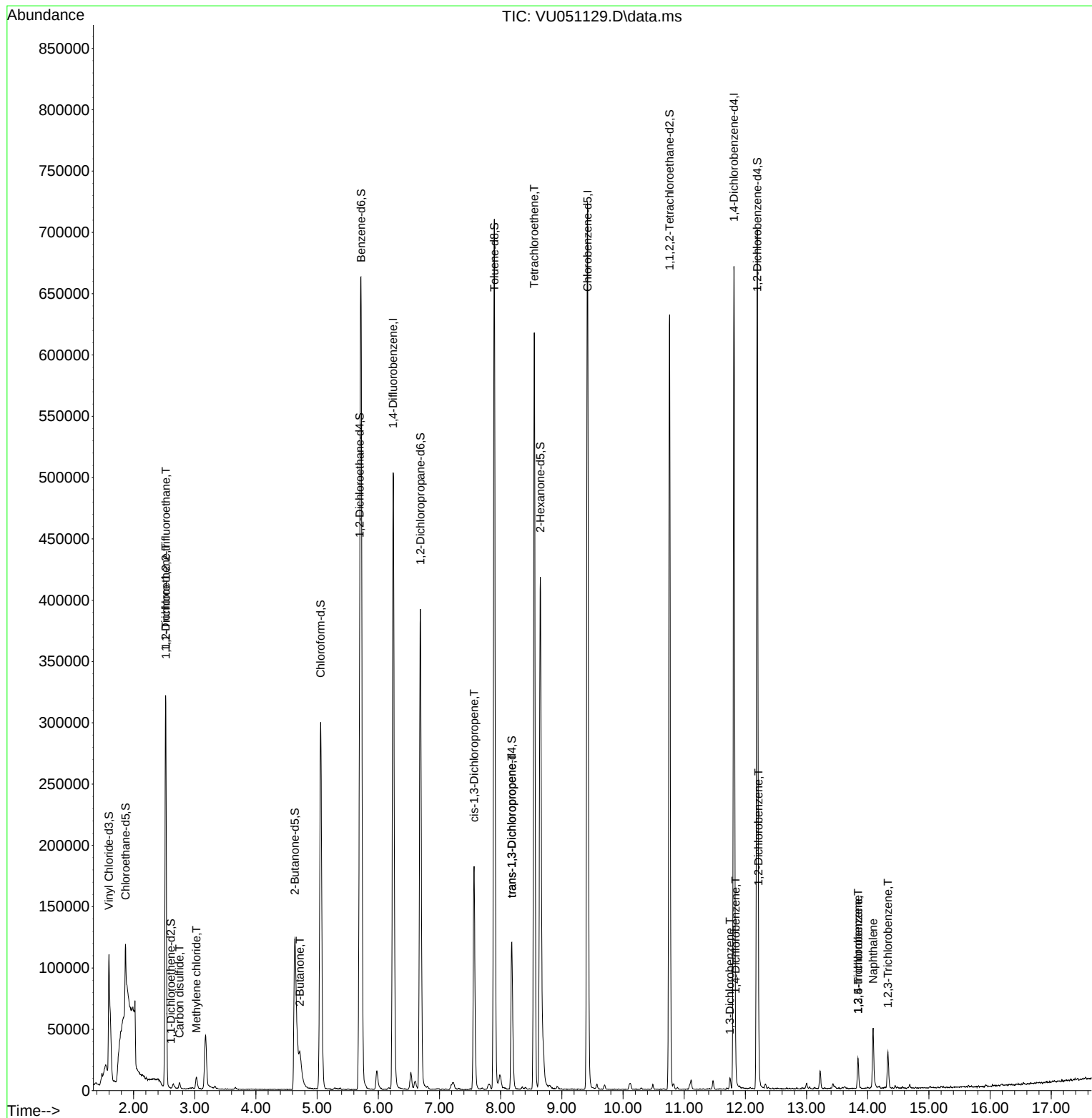
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	1992	0.609	ug/L #	31
12) 1,1-Dichloroethene	2.523	96	2143	0.701	ug/L #	1
14) Carbon disulfide	2.752	76	5973	0.661	ug/L #	91
16) Methylene chloride	3.028	84	5193	1.183	ug/L	96
22) 2-Butanone	4.716	43	37499	12.059	ug/L	95
39) cis-1,3-Dichloropropene	7.565	75	5281	1.039	ug/L #	61
44) trans-1,3-Dichloropropene	8.182	75	3991	0.776	ug/L	90
46) Tetrachloroethene	8.549	164	140355	53.633	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	4370	0.727	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	5768	0.960	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	4817	0.780	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.841	180	7540	1.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	7540	2.260	ug/L	99
71) Naphthalene	14.089	128	42487	3.558	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	9863	2.649	ug/L	100

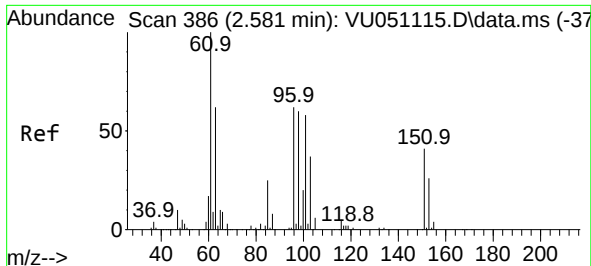
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051129.D
Acq On : 05 Oct 2022 16:23
Operator : JC/MD
Sample : N4858-01ME
Misc : 5.47g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGSE8ME

Quant Time: Oct 06 03:04:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 02:55:50 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.609 ug/L

RT: 2.527 min Scan# 3

Delta R.T. -0.055 min

Lab File: VU051129.D

Acq: 05 Oct 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

BGSE8ME

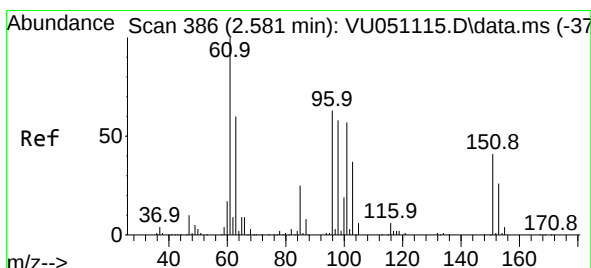
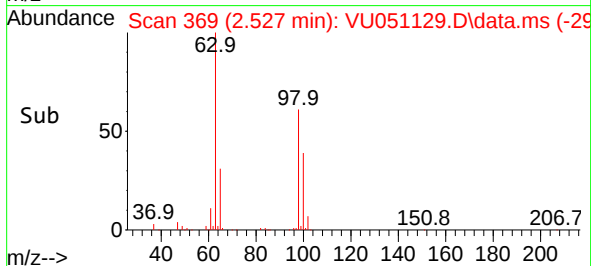
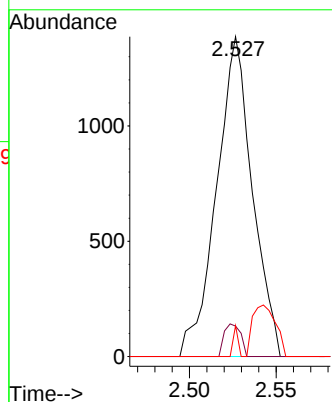
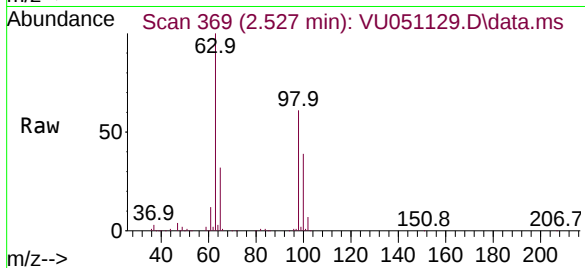
Tgt Ion:101 Resp: 1992

Ion Ratio Lower Upper

101 100

85 4.7 34.6 52.0#

151 10.4 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.701 ug/L

RT: 2.523 min Scan# 368

Delta R.T. -0.058 min

Lab File: VU051129.D

Acq: 05 Oct 2022 16:23

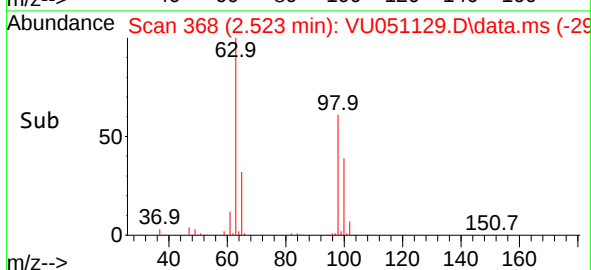
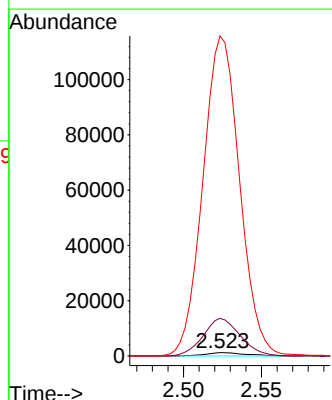
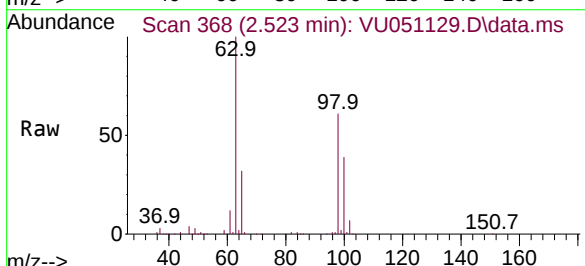
Tgt Ion: 96 Resp: 2143

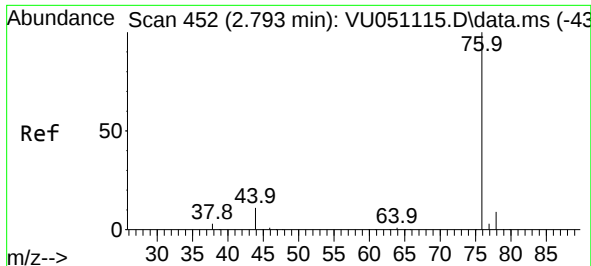
Ion Ratio Lower Upper

96 100

61 1144.5 113.0 209.9#

63 9722.9 91.7 170.3#

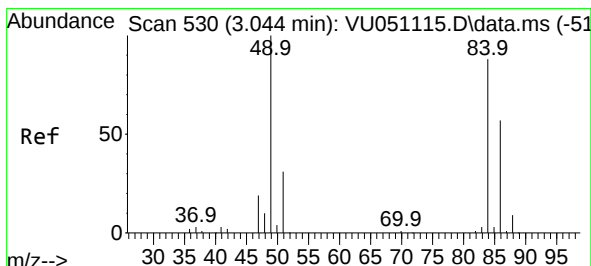
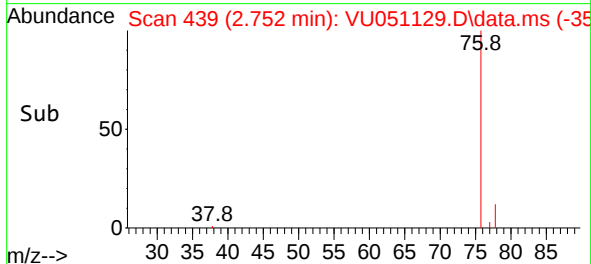
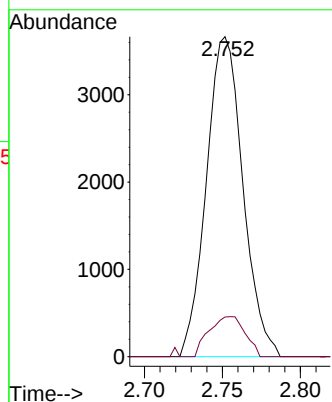
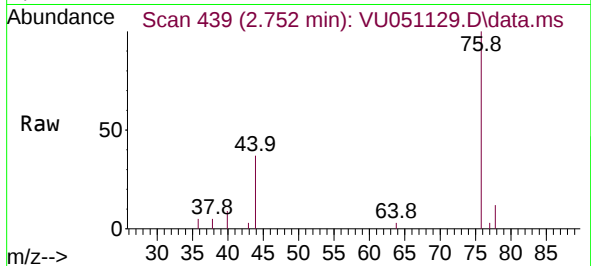




#14
Carbon disulfide
Concen: 0.661 ug/L
RT: 2.752 min Scan# 41
Delta R.T. -0.042 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

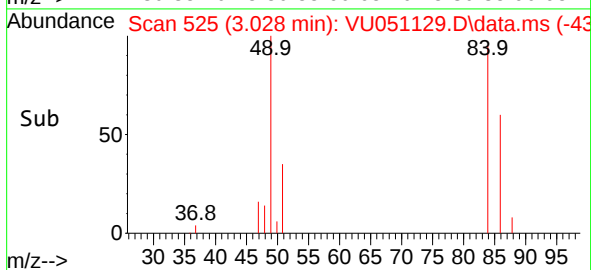
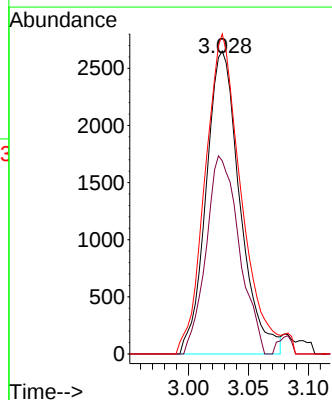
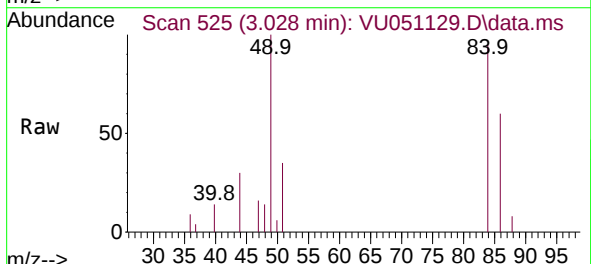
Instrument :
MSVOA_U
ClientSampleId :
BGSE8ME

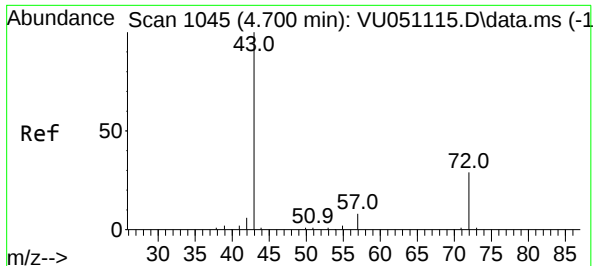
Tgt Ion: 76 Resp: 5973
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#



#16
Methylene chloride
Concen: 1.183 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.016 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion: 84 Resp: 5193
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.4
49 105.7 78.3 145.3





#22

2-Butanone

Concen: 12.059 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.016 min

Lab File: VU051129.D

Acq: 05 Oct 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

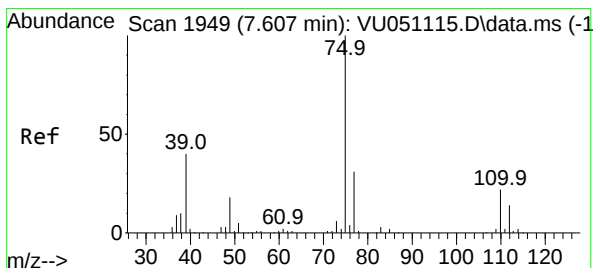
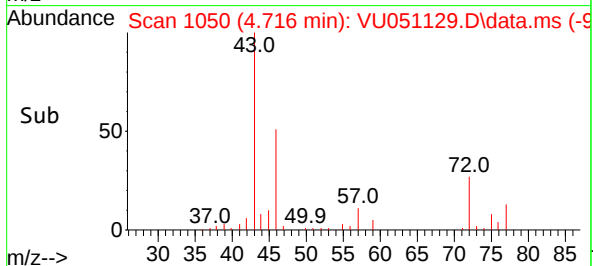
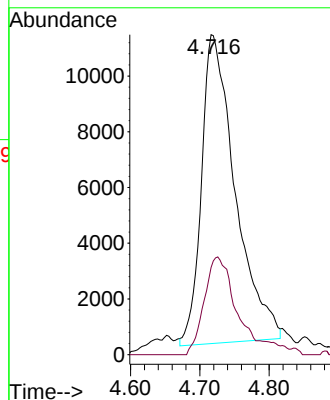
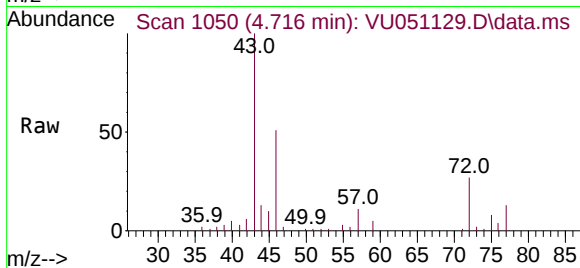
BGSE8ME

Tgt Ion: 43 Resp: 37499

Ion Ratio Lower Upper

43 100

72 28.7 15.8 47.4



#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU051129.D

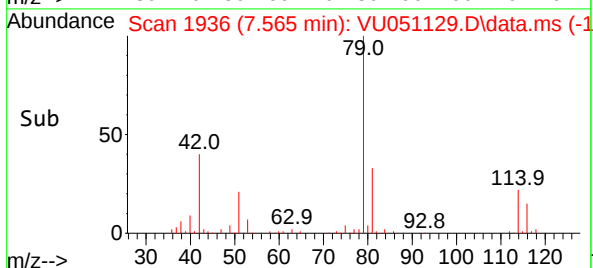
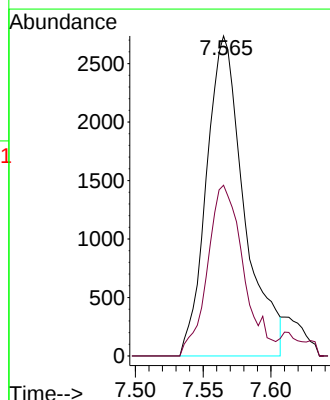
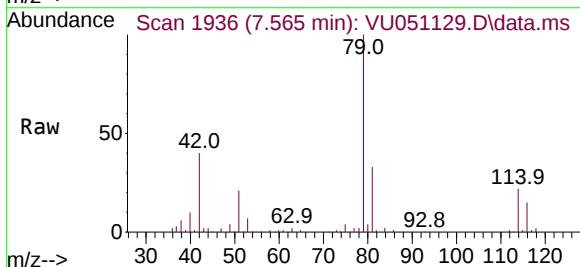
Acq: 05 Oct 2022 16:23

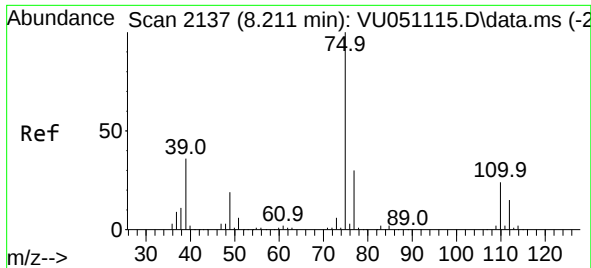
Tgt Ion: 75 Resp: 5281

Ion Ratio Lower Upper

75 100

77 53.4 22.0 41.0#

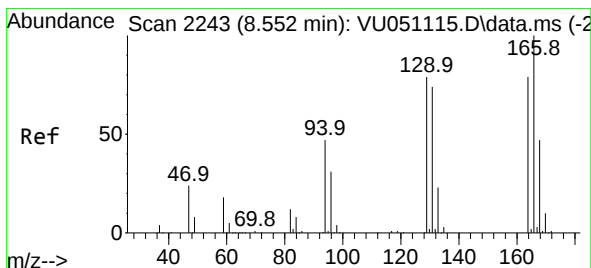
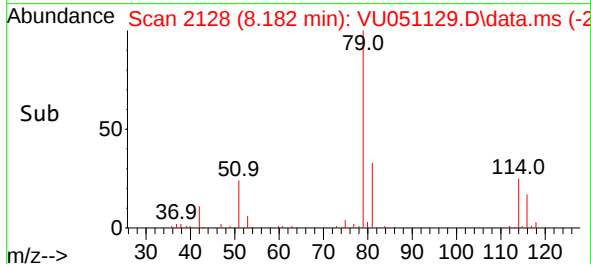
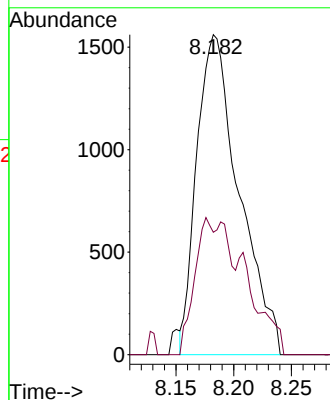
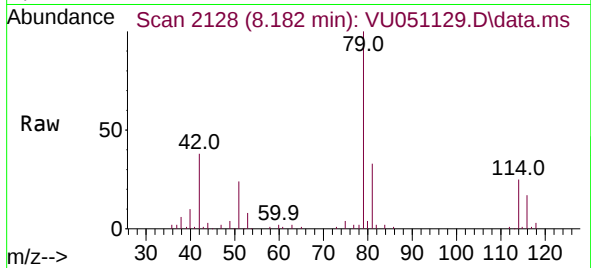




#44
trans-1,3-Dichloropropene
Concen: 0.776 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

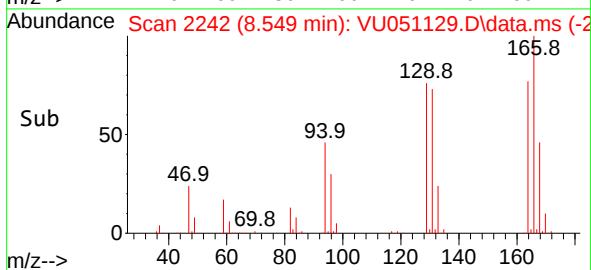
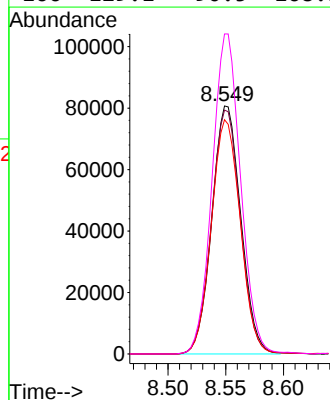
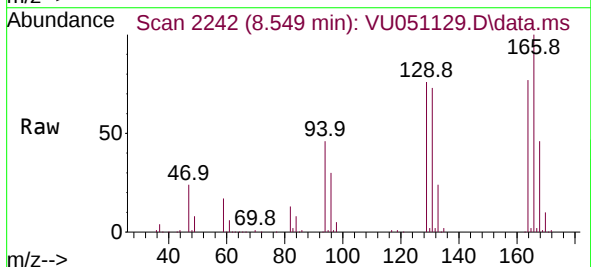
Instrument :
MSVOA_U
ClientSampleId :
BGSE8ME

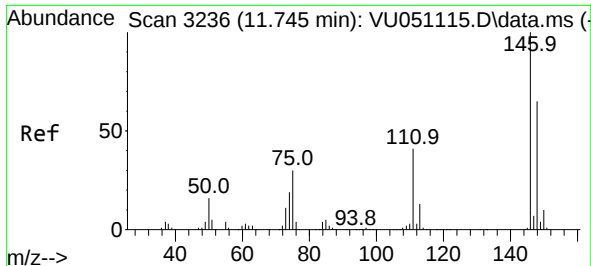
Tgt Ion: 75 Resp: 3991
Ion Ratio Lower Upper
75 100
77 38.2 22.7 42.3



#46
Tetrachloroethene
Concen: 53.633 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion:164 Resp: 140355
Ion Ratio Lower Upper
164 100
129 98.4 68.1 126.5
131 94.5 67.8 126.0
166 129.1 90.5 168.1

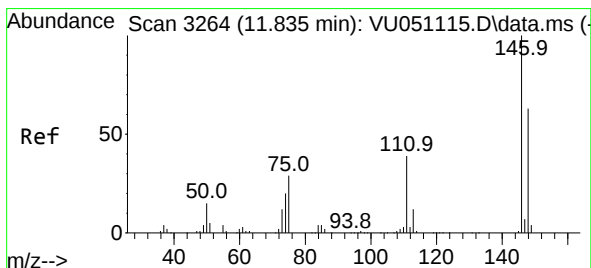
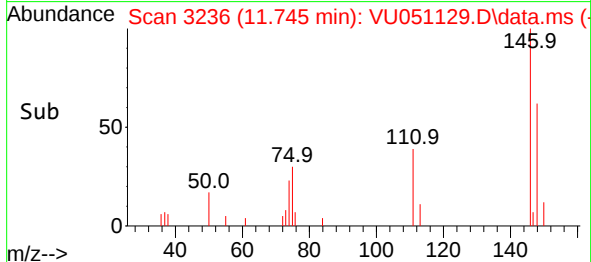
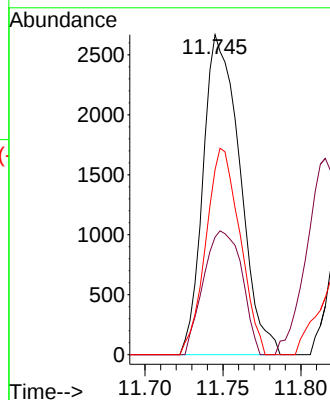
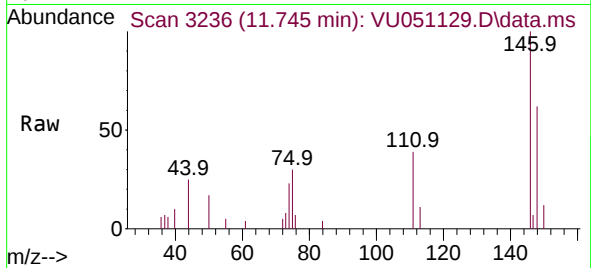




#64
1,3-Dichlorobenzene
Concen: 0.727 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

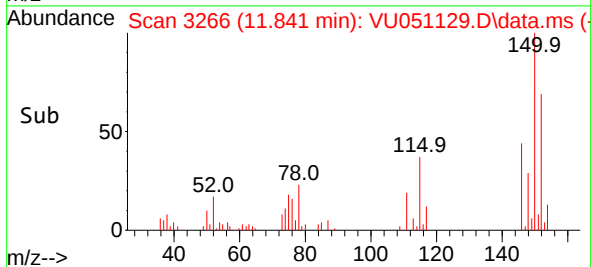
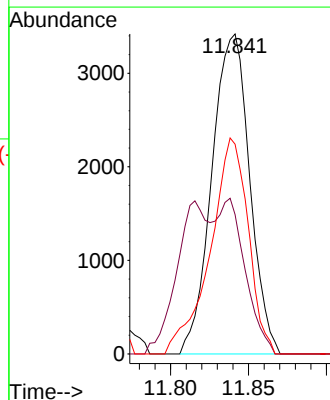
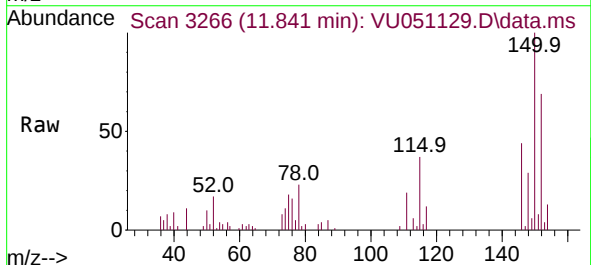
Instrument :
MSVOA_U
ClientSampleId :
BGSE8ME

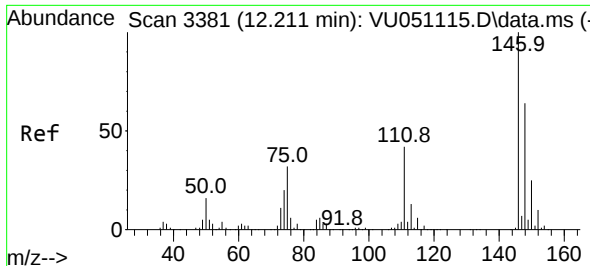
Tgt Ion:146 Resp: 4370
Ion Ratio Lower Upper
146 100
111 36.7 28.2 52.4
148 57.8 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 0.960 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

Tgt Ion:146 Resp: 5768
Ion Ratio Lower Upper
146 100
111 43.6 27.0 50.2
148 65.6 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 0.780 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051129.D

Acq: 05 Oct 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

BGSE8ME

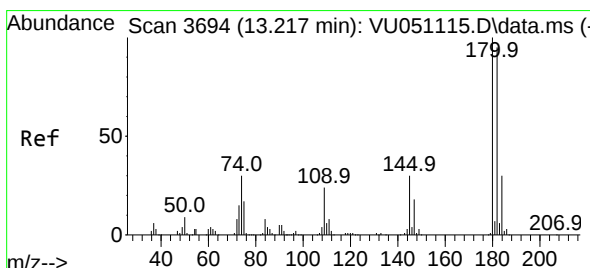
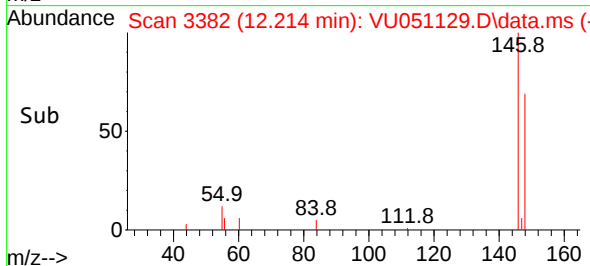
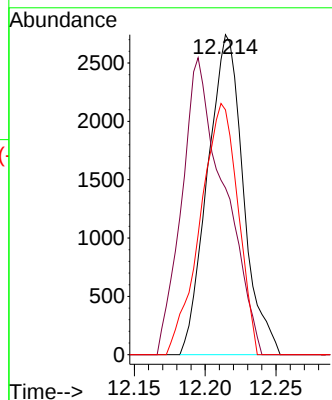
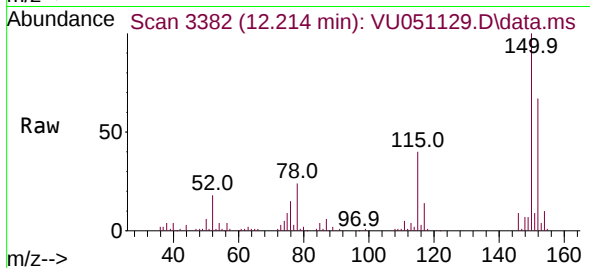
Tgt Ion:146 Resp: 4817

Ion Ratio Lower Upper

146 100

111 52.1 33.7 50.5#

148 76.5 50.8 76.2#



#69

1,3,5-Trichlorobenzene

Concen: 1.849 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.624 min

Lab File: VU051129.D

Acq: 05 Oct 2022 16:23

Tgt Ion:180 Resp: 7540

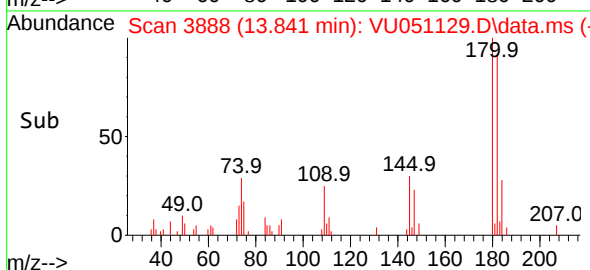
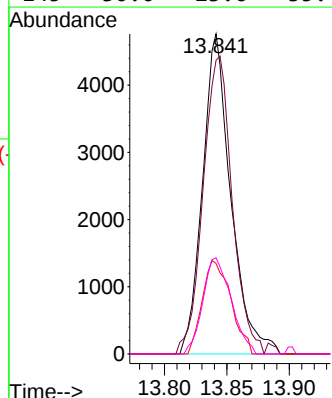
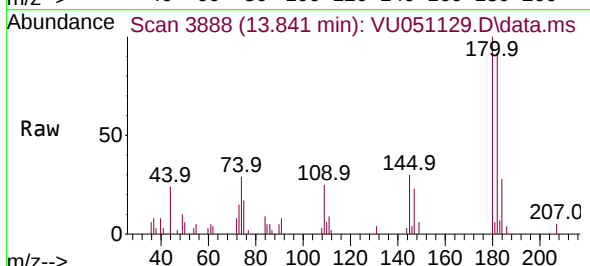
Ion Ratio Lower Upper

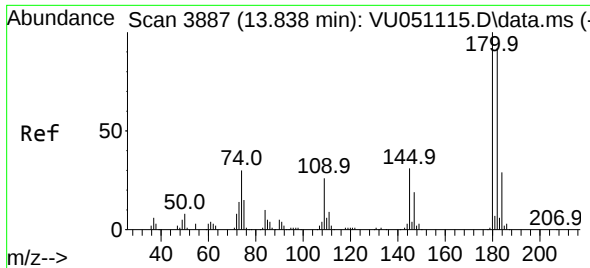
180 100

182 95.6 77.0 115.4

184 29.5 24.4 36.6

145 30.0 23.6 35.4

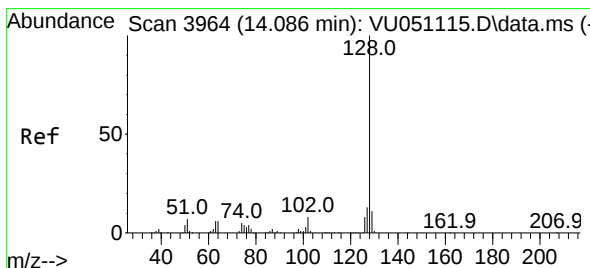
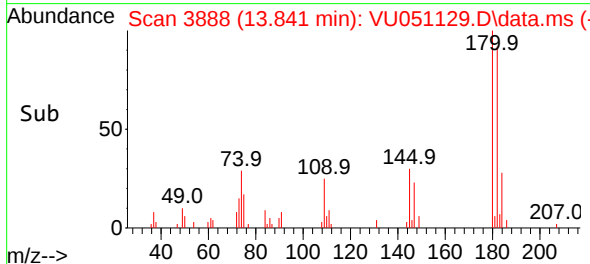
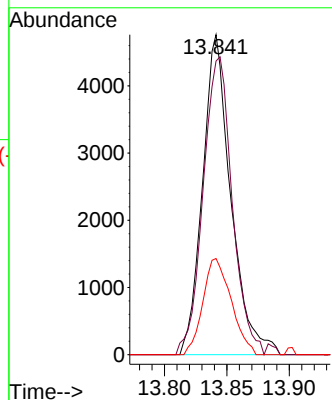
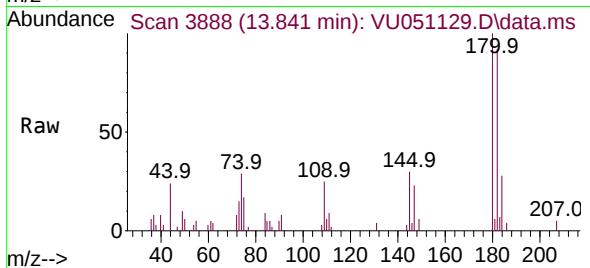




#70
1,2,4-trichlorobenzene
Concen: 2.260 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

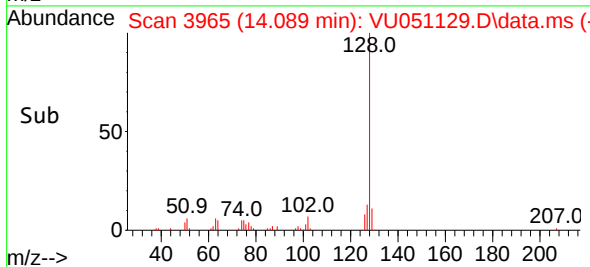
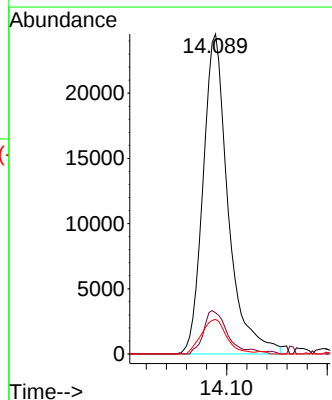
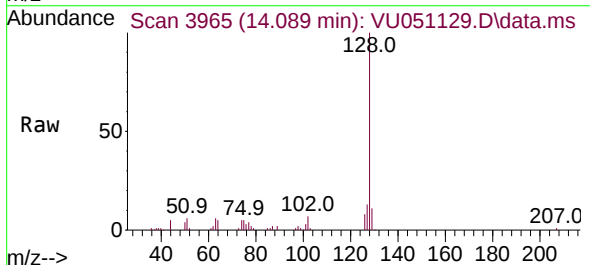
Instrument :
MSVOA_U
ClientSampleId :
BGSE8ME

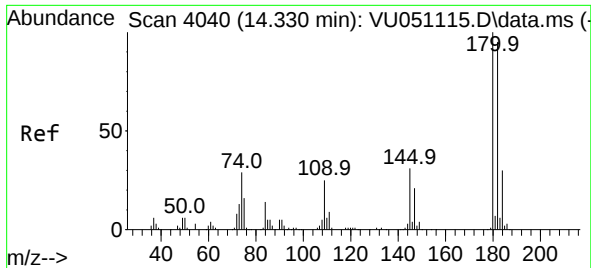
Tgt Ion:180 Resp: 7540
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 30.0 24.0 36.0



#71
Naphthalene
Concen: 3.558 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051129.D
Acq: 05 Oct 2022 16:23

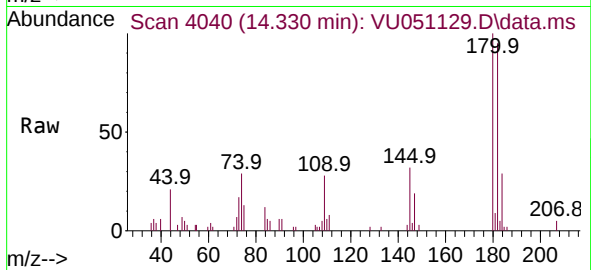
Tgt Ion:128 Resp: 42487
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 2.649 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU051129.D
 Acq: 05 Oct 2022 16:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BGSE8ME



Tgt Ion:	180	Resp:	9863
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	33.2	26.1	39.1

