

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049678.D
 Acq On : 11 Jul 2022 16:08
 Operator : SY/MD
 Sample : N3598-08ME
 Misc : 5.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG3ME

Quant Time: Jul 12 02:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

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

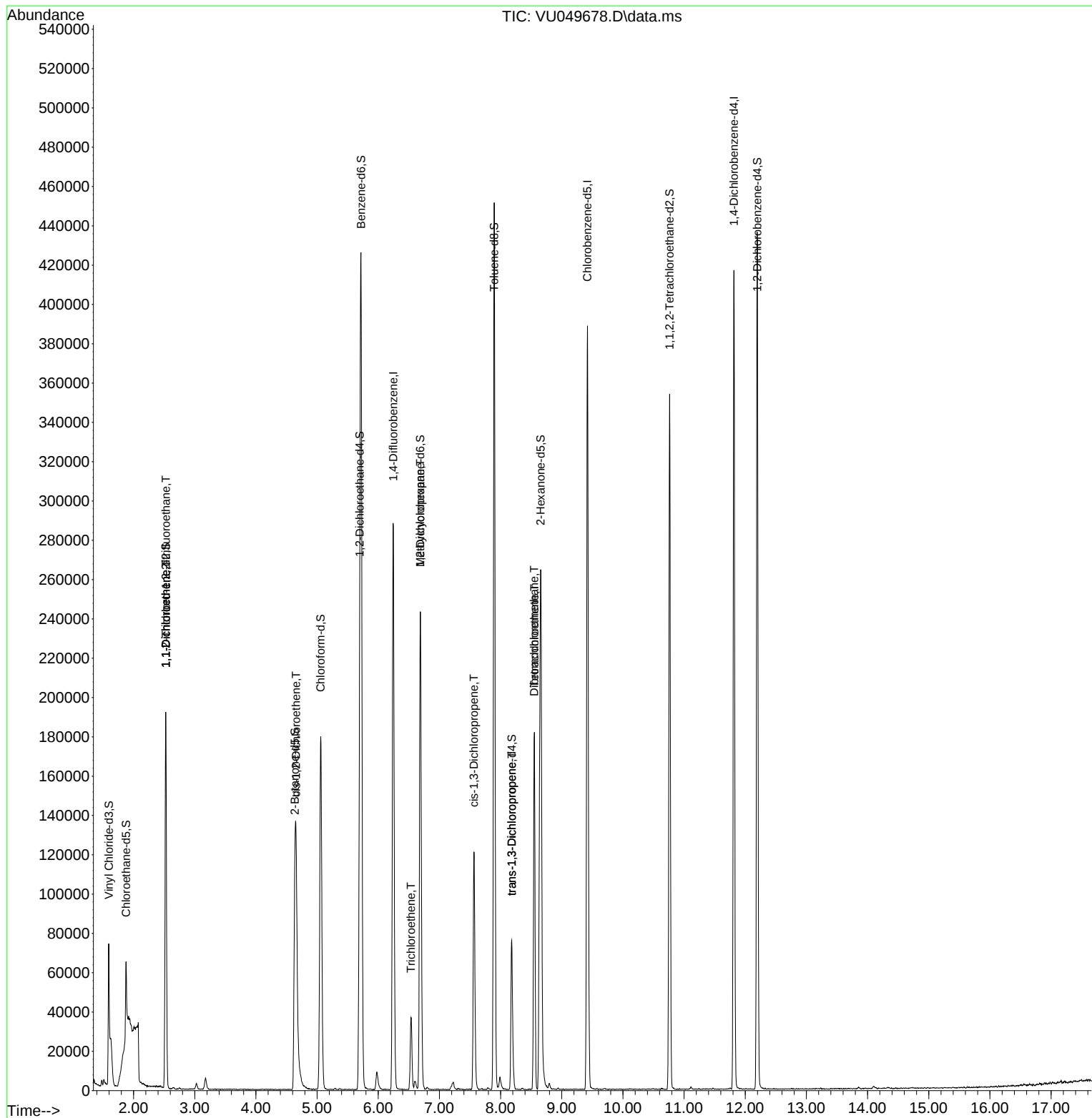
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	234525	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	224783	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	104636	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61272	30.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.920%
7) Chloroethane-d5	1.877	69	33576	23.474	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.940%#
11) 1,1-Dichloroethene-d2	2.526	63	118884	34.013	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.020%
21) 2-Butanone-d5	4.636	46	190384	112.705	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.700%
24) Chloroform-d	5.060	84	172644	49.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	5.697	65	125449	52.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.780%
32) Benzene-d6	5.719	84	346780	50.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.560%
36) 1,2-Dichloropropane-d6	6.687	67	120761	52.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.140%
41) Toluene-d8	7.896	98	292571	49.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	46826	48.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
47) 2-Hexanone-d5	8.655	63	125133	121.110	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.110%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	176775	55.003	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	107095	54.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	840	0.465	ug/L #	20
12) 1,1-Dichloroethene	2.526	96	978	0.583	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	35370	17.157	ug/L	96
34) Trichloroethene	6.536	95	12135	5.942	ug/L	98
35) Methylcyclohexane	6.687	83	26702	8.320	ug/L #	17
39) cis-1,3-Dichloropropene	7.565	75	3160	1.000	ug/L #	53
44) trans-1,3-Dichloropropene	8.182	75	2160	0.728	ug/L	87
46) Tetrachloroethene	8.552	164	36831	26.001	ug/L	98
49) Dibromochloromethane	8.549	129	37395	18.188	ug/L #	9

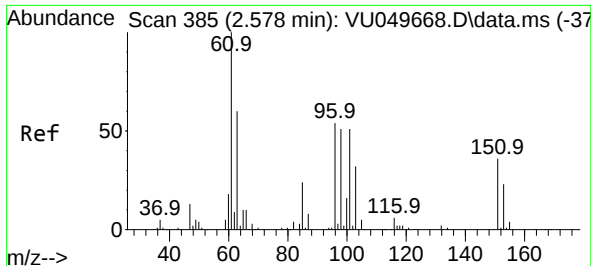
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 12 02:23:25 2022
Response via : Initial Calibration





#10

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

Concen: 0.465 ug/L

RT: 2.526 min Scan# 369

Delta R.T. -0.052 min

Lab File: VU049678.D

Acq: 11 Jul 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

C0AG3ME

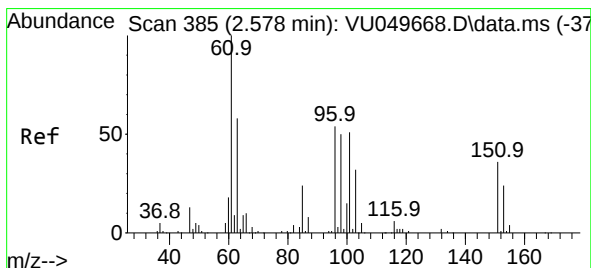
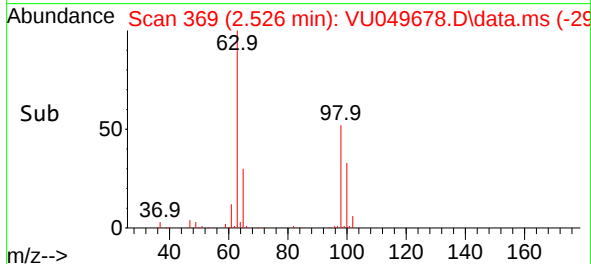
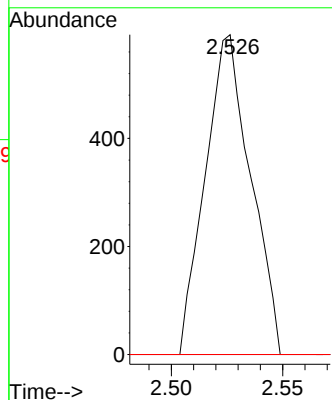
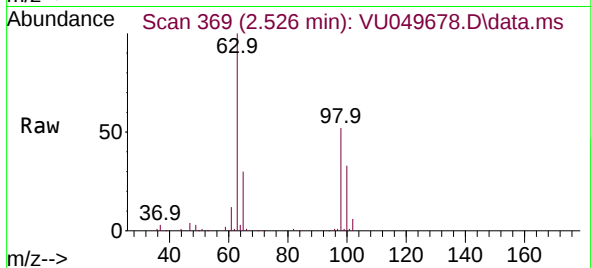
Tgt Ion:101 Resp: 840

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

151 0.0 56.9 85.3#



#12

1,1-Dichloroethene

Concen: 0.583 ug/L

RT: 2.526 min Scan# 369

Delta R.T. -0.052 min

Lab File: VU049678.D

Acq: 11 Jul 2022 16:08

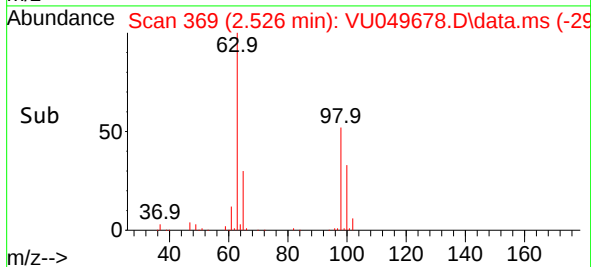
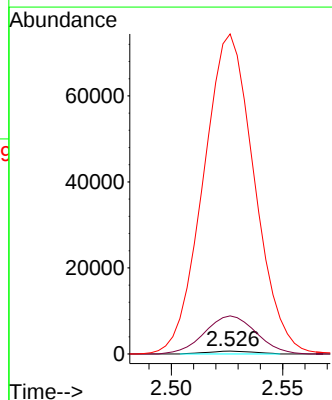
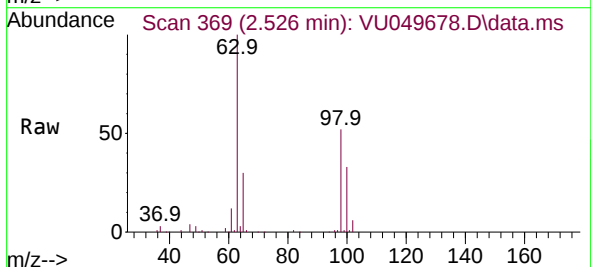
Tgt Ion: 96 Resp: 978

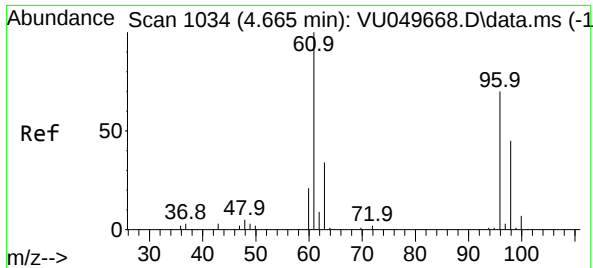
Ion Ratio Lower Upper

96 100

61 1340.0 129.6 240.6#

63 11272.7 79.0 146.6#

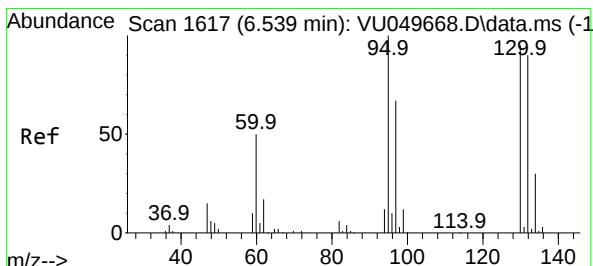
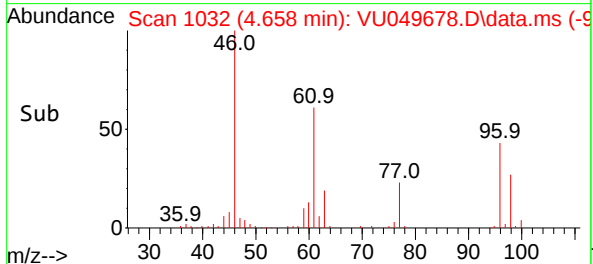
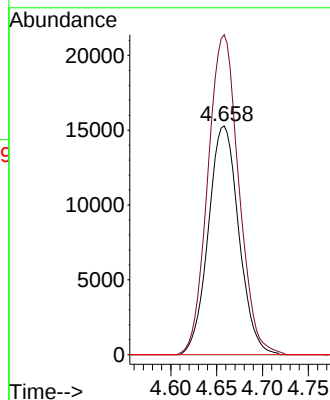
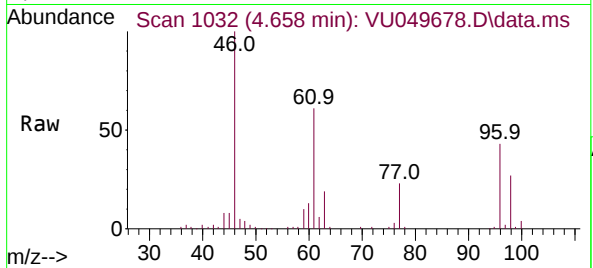




#20
cis-1,2-Dichloroethene
Concen: 17.157 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VU049678.D
Acq: 11 Jul 2022 16:08

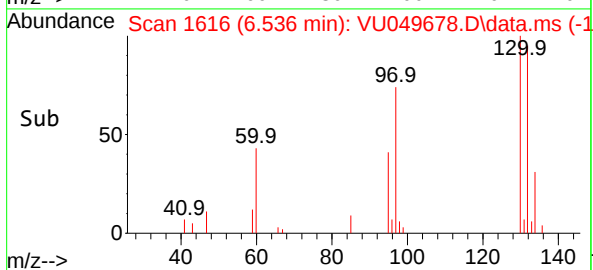
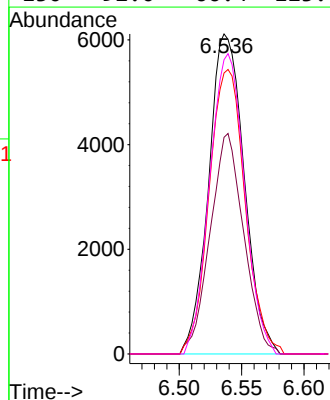
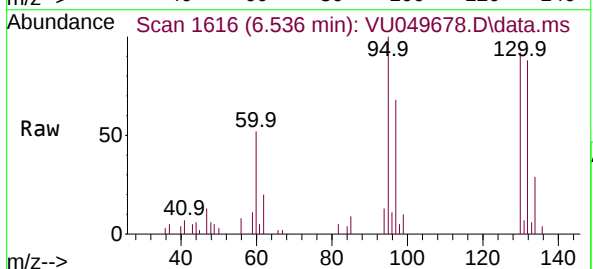
Instrument :
MSVOA_U
ClientSampleId :
C0AG3ME

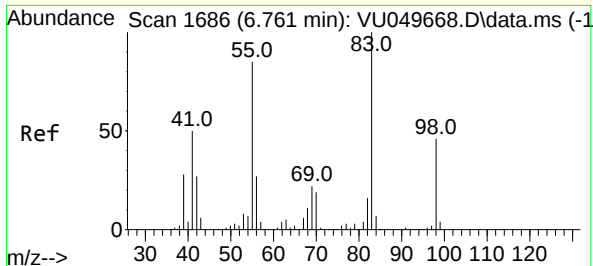
Tgt Ion: 96 Resp: 35370
Ion Ratio Lower Upper
96 100
61 139.8 101.1 187.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 5.942 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU049678.D
Acq: 11 Jul 2022 16:08

Tgt Ion: 95 Resp: 12135
Ion Ratio Lower Upper
95 100
97 67.7 46.9 87.1
132 87.8 62.7 116.5
130 92.0 66.4 123.4

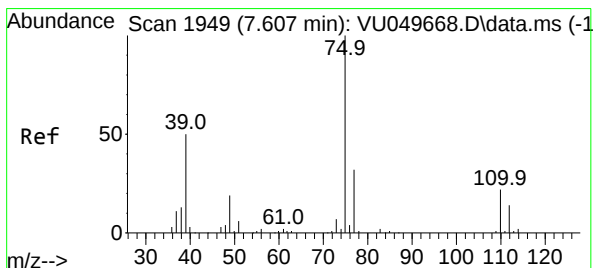
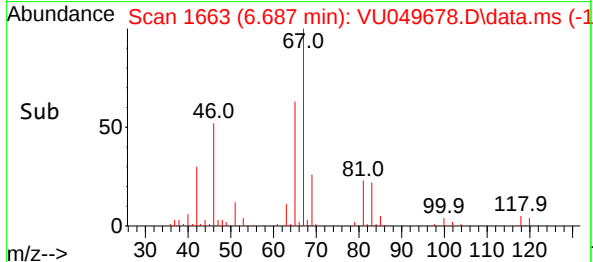
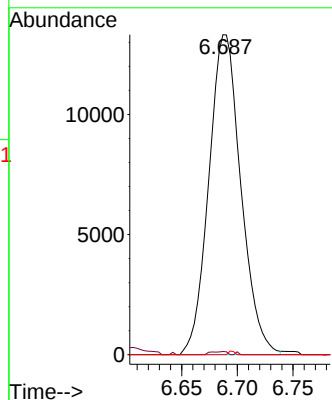
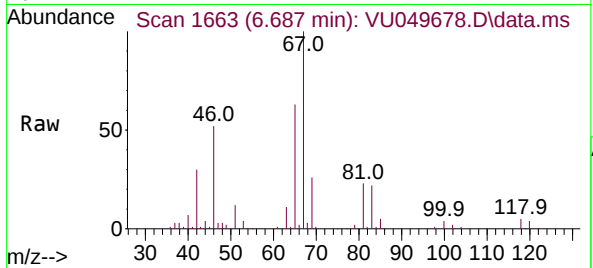




#35
Methylcyclohexane
Concen: 8.320 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU049678.D
Acq: 11 Jul 2022 16:08

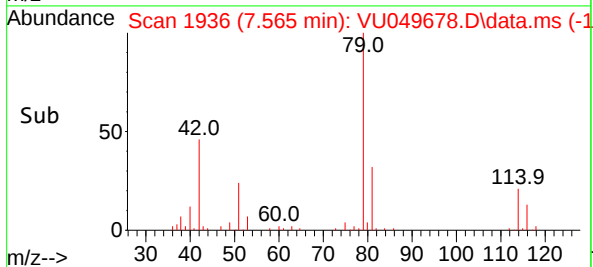
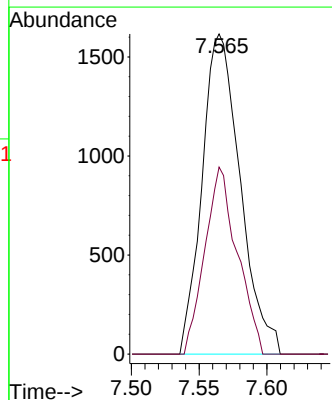
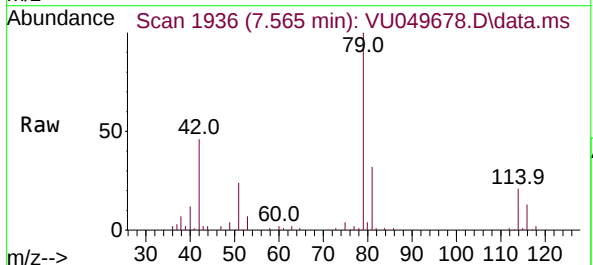
Instrument :
MSVOA_U
ClientSampleId :
C0AG3ME

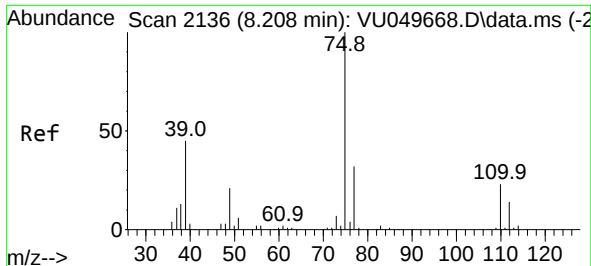
Tgt Ion: 83 Resp: 26702
Ion Ratio Lower Upper
83 100
55 0.3 66.0 99.0#
98 0.2 34.6 51.8#



#39
cis-1,3-Dichloropropene
Concen: 1.000 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049678.D
Acq: 11 Jul 2022 16:08

Tgt Ion: 75 Resp: 3160
Ion Ratio Lower Upper
75 100
77 58.4 22.6 42.0#

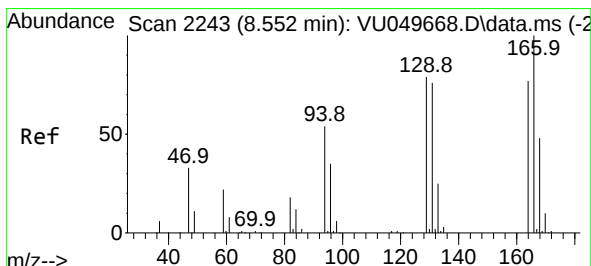
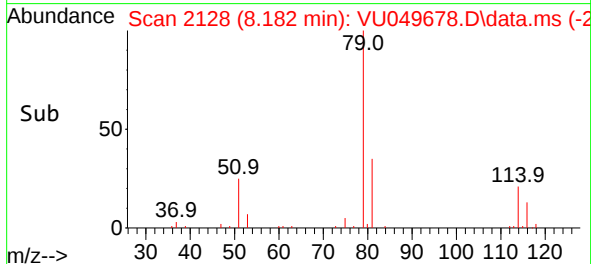
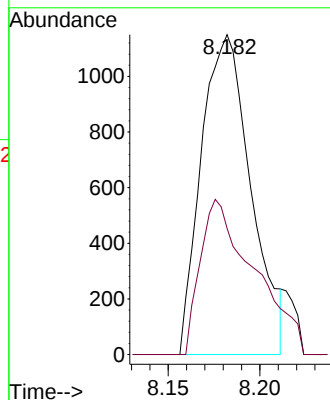
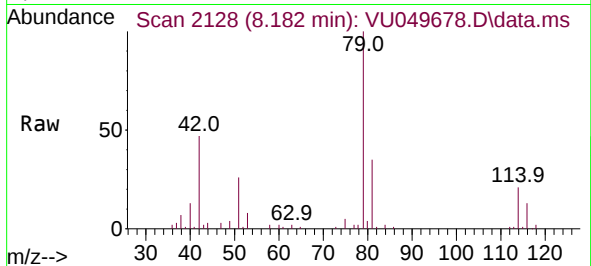




#44
trans-1,3-Dichloropropene
Concen: 0.728 ug/L
RT: 8.182 min Scan# 2136
Delta R.T. -0.026 min
Lab File: VU049678.D
Acq: 11 Jul 2022 16:08

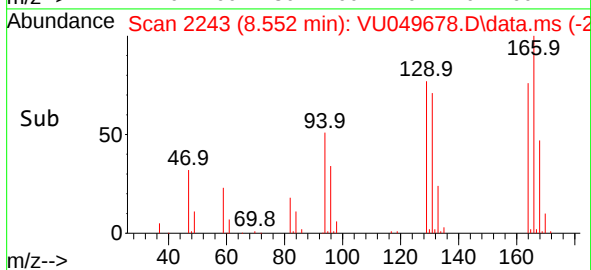
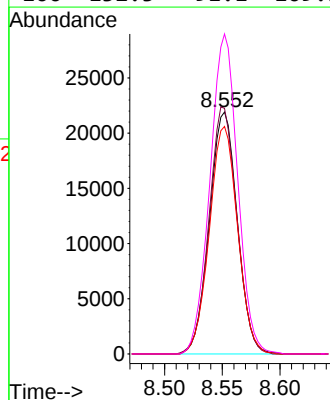
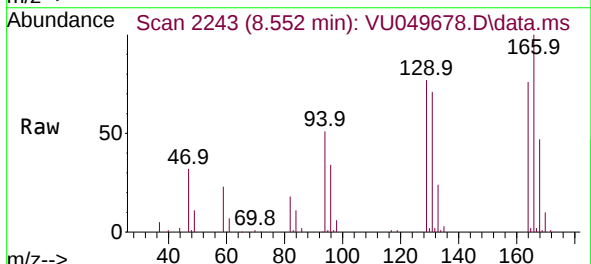
Instrument :
MSVOA_U
ClientSampleId :
C0AG3ME

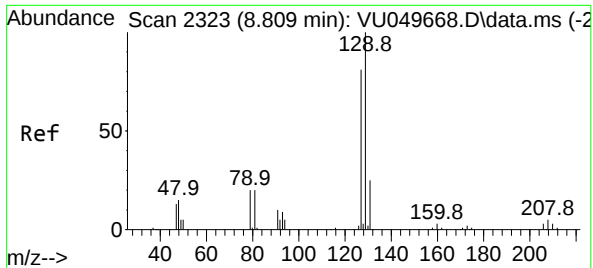
Tgt Ion: 75 Resp: 2160
Ion Ratio Lower Upper
75 100
77 39.5 22.5 41.9



#46
Tetrachloroethene
Concen: 26.001 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049678.D
Acq: 11 Jul 2022 16:08

Tgt Ion: 164 Resp: 36831
Ion Ratio Lower Upper
164 100
129 101.6 72.0 133.8
131 94.0 69.0 128.1
166 132.3 91.1 169.3





#49

Dibromochloromethane

Concen: 18.188 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.261 min

Lab File: VU049678.D

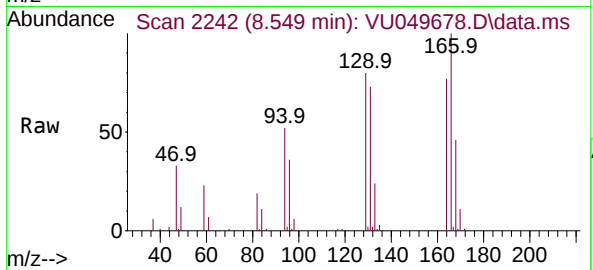
Acq: 11 Jul 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

C0AG3ME



Tgt Ion:129 Resp: 37395

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#

