

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046766.D
 Acq On : 17 Jan 2022 15:24
 Operator : SY/MD
 Sample : N1168-01ME
 Misc : 5.76g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 02:17:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

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

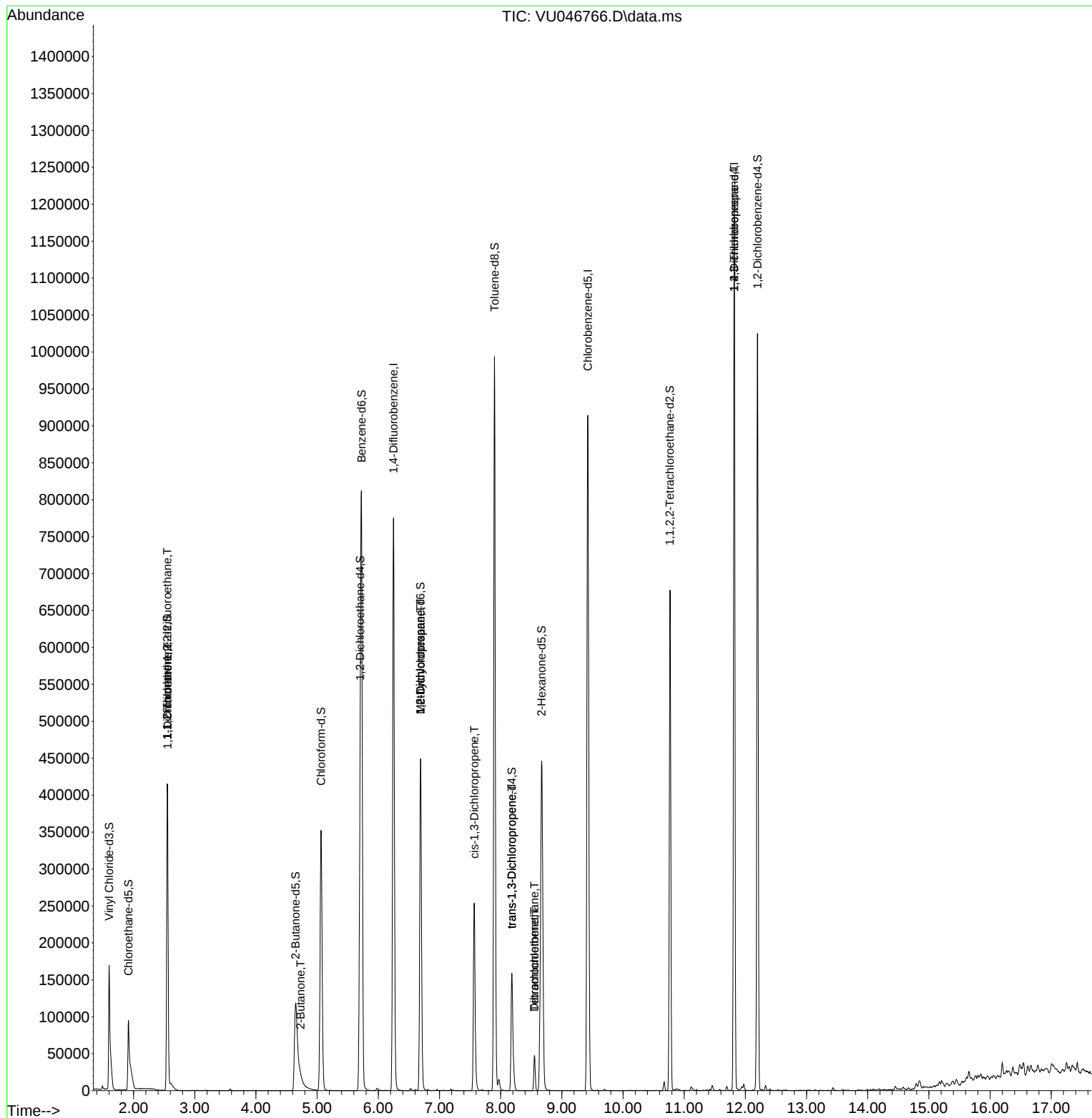
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	671590	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	643919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	322687	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	186605	31.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.680%
7) Chloroethane-d5	1.916	69	127922	29.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.760%#
11) 1,1-Dichloroethene-d2	2.552	63	250672	25.149	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.300%#
21) 2-Butanone-d5	4.649	46	300224	69.995	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.000%
24) Chloroform-d	5.063	84	350464	33.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.840%#
26) 1,2-Dichloroethane-d4	5.703	65	239538	36.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.120%
32) Benzene-d6	5.726	84	740983	36.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.740%
36) 1,2-Dichloropropane-d6	6.690	67	224499	36.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.220%
41) Toluene-d8	7.899	98	696791	38.787	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.580%#
43) trans-1,3-Dichloroprop...	8.182	79	118798	40.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.440%
47) 2-Hexanone-d5	8.671	63	267539	82.135	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.130%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	341905	36.005	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	271873	40.717	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.440%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	2263	0.479	ug/L #	20
12) 1,1-Dichloroethene	2.555	96	2053	0.462	ug/L #	1
22) 2-Butanone	4.732	43	7893	1.696	ug/L	87
35) Methylcyclohexane	6.690	83	56453	7.236	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	24598	5.019	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	7210	0.956	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	5192	0.710	ug/L	93
46) Tetrachloroethene	8.552	164	10571	2.773	ug/L	97
49) Dibromochloromethane	8.552	129	10281	1.869	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	36073	5.312	ug/L #	66

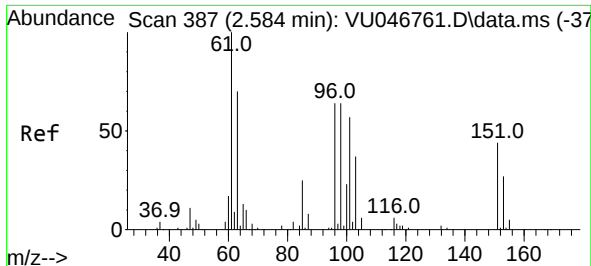
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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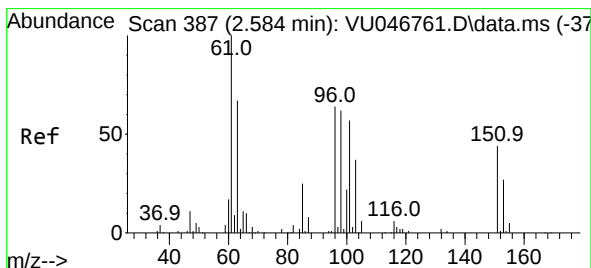
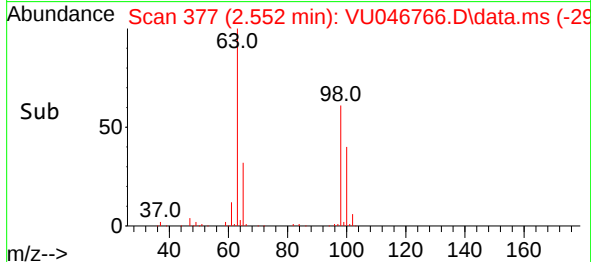
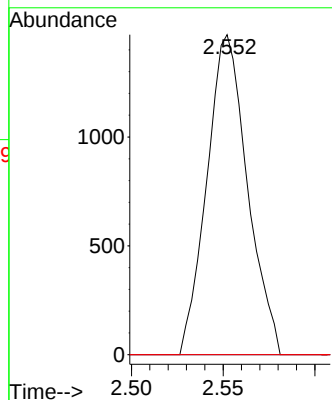
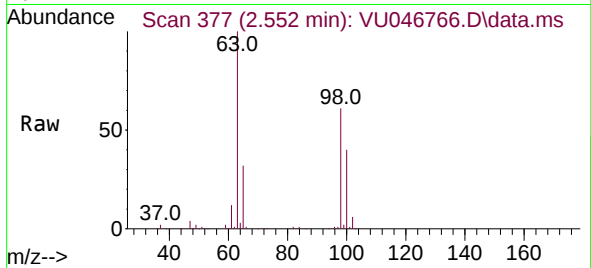




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.479 ug/L
RT: 2.552 min Scan# 31
Delta R.T. -0.032 min
Lab File: VU046766.D
Acq: 17 Jan 2022 15:24

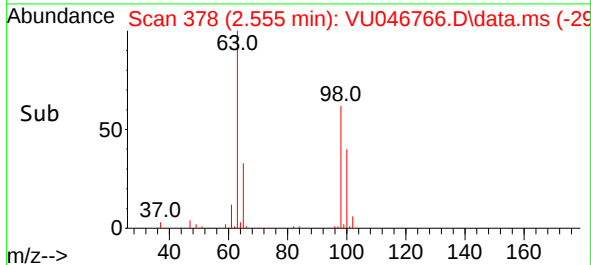
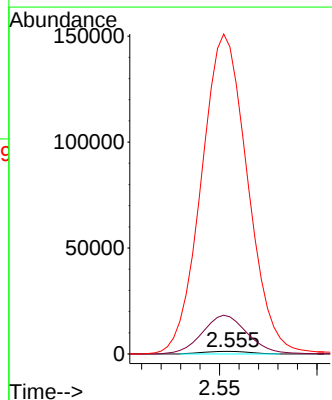
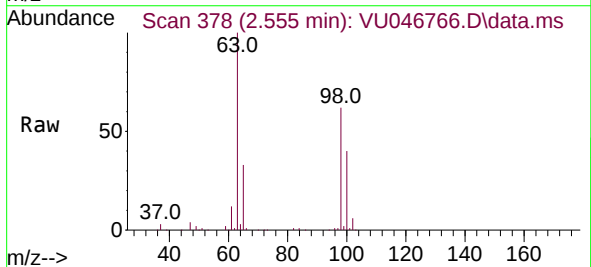
Instrument :
MSVOA_U
ClientSampleId :

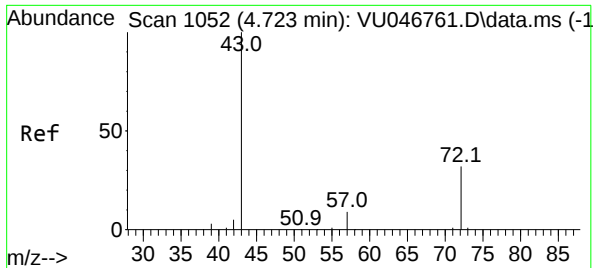
Tgt Ion:101 Resp: 2263
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 0.462 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.029 min
Lab File: VU046766.D
Acq: 17 Jan 2022 15:24

Tgt Ion: 96 Resp: 2053
Ion Ratio Lower Upper
96 100
61 1452.1 114.9 213.3#
63 12009.3 86.0 159.8#





#22

2-Butanone

Concen: 1.696 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.010 min

Lab File: VU046766.D

Acq: 17 Jan 2022 15:24

Instrument :

MSVOA_U

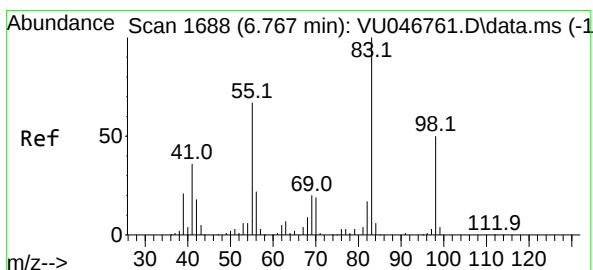
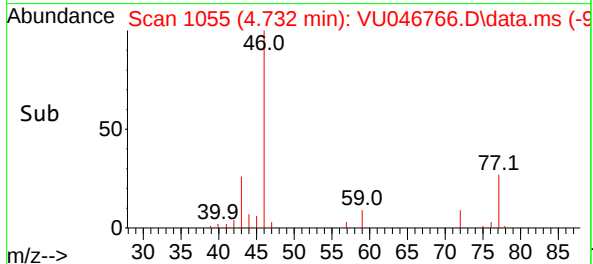
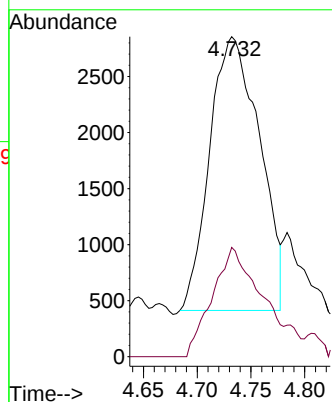
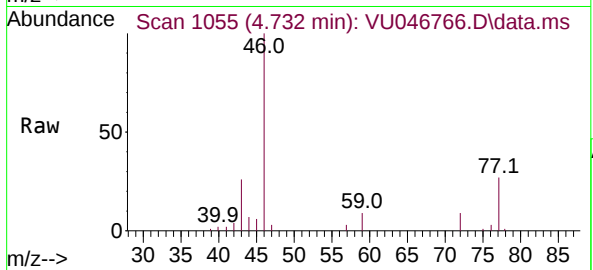
ClientSampleId :

Tgt Ion: 43 Resp: 7893

Ion Ratio Lower Upper

43 100

72 38.1 15.6 46.8



#35

Methylcyclohexane

Concen: 7.236 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046766.D

Acq: 17 Jan 2022 15:24

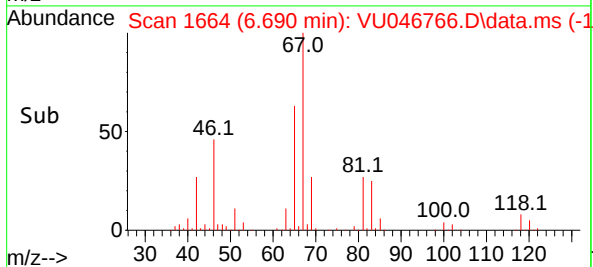
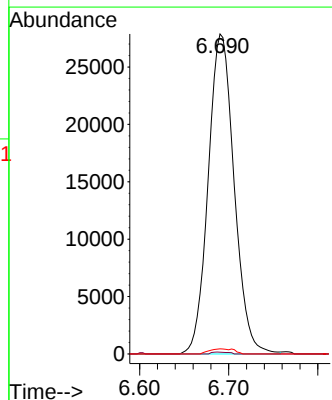
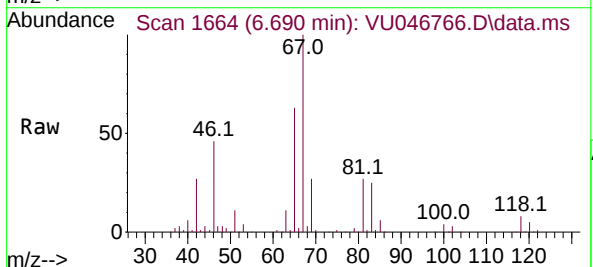
Tgt Ion: 83 Resp: 56453

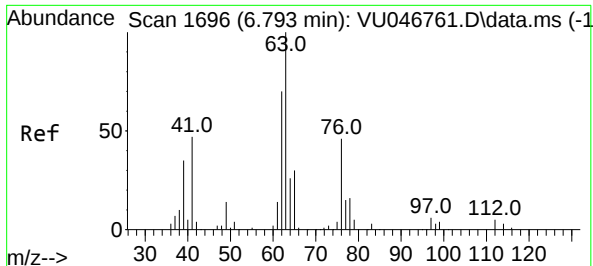
Ion Ratio Lower Upper

83 100

55 0.4 56.6 85.0#

98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.019 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046766.D

Acq: 17 Jan 2022 15:24

Instrument :

MSVOA_U

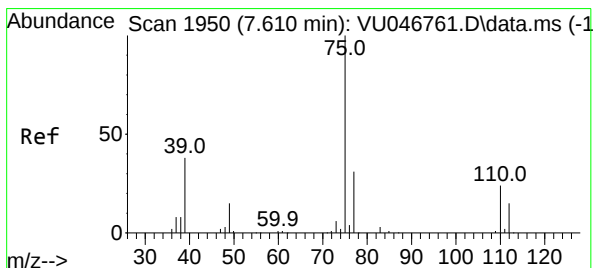
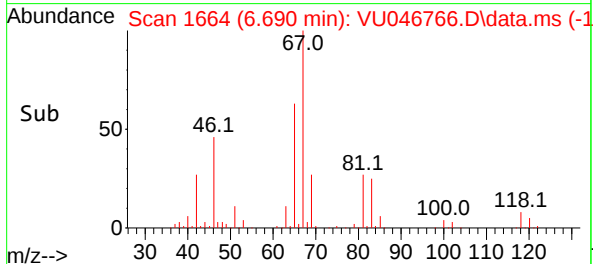
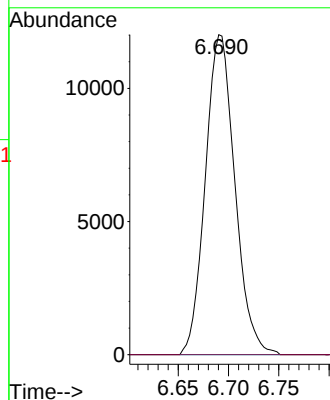
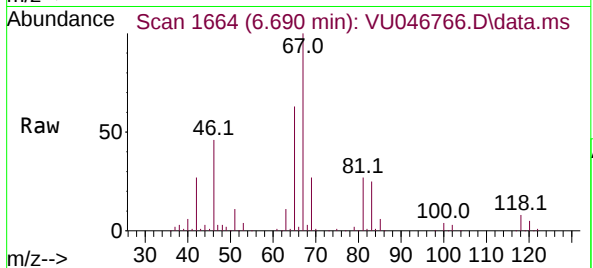
ClientSampleId :

Tgt Ion: 63 Resp: 24598

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046766.D

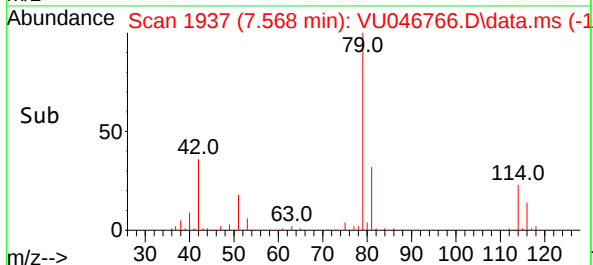
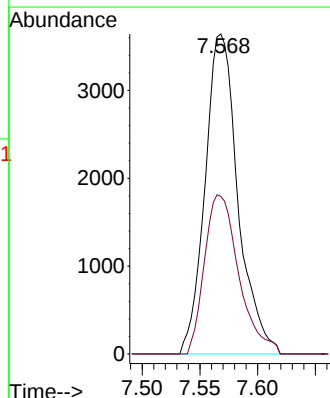
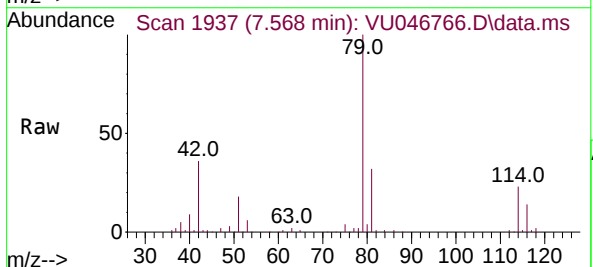
Acq: 17 Jan 2022 15:24

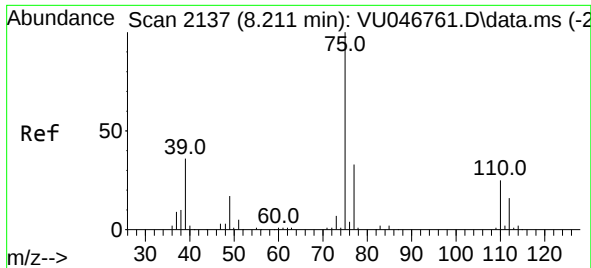
Tgt Ion: 75 Resp: 7210

Ion Ratio Lower Upper

75 100

77 49.3 22.3 41.3#

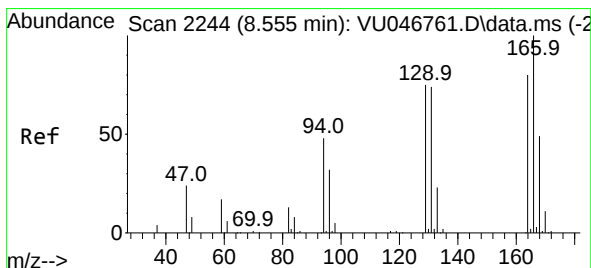
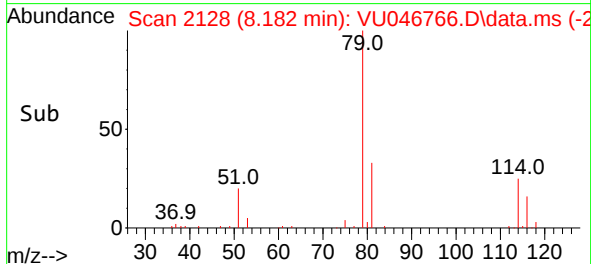
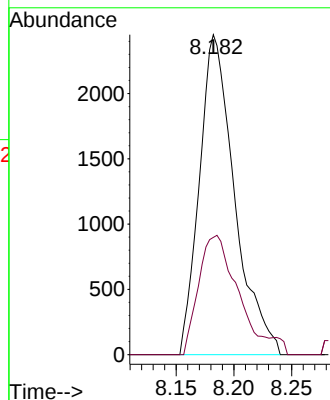
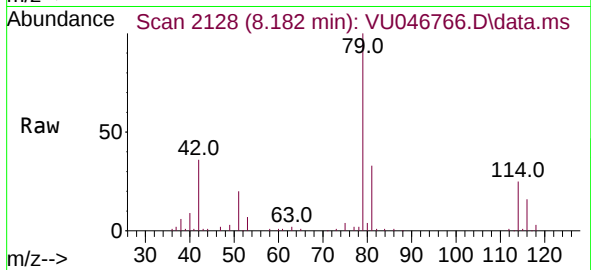




#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046766.D
Acq: 17 Jan 2022 15:24

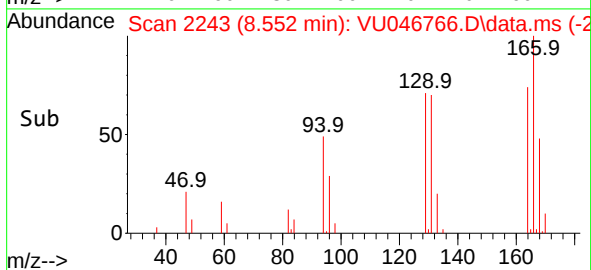
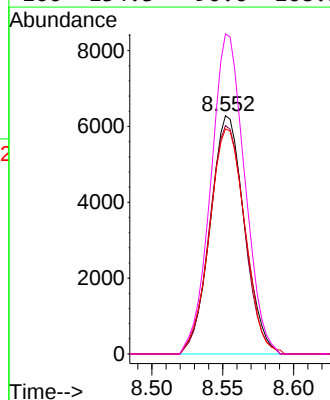
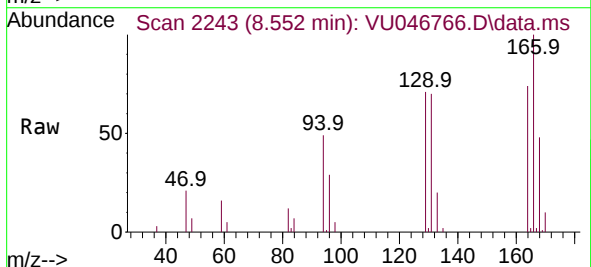
Instrument :
MSVOA_U
ClientSampleId :

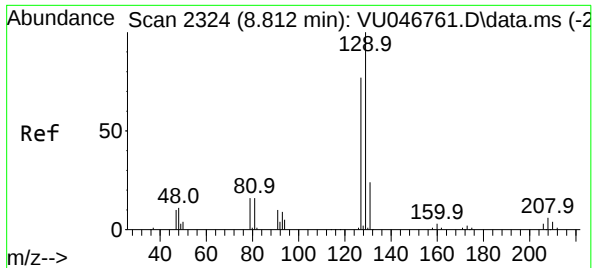
Tgt Ion: 75 Resp: 5192
Ion Ratio Lower Upper
75 100
77 36.6 23.0 42.8



#46
Tetrachloroethene
Concen: 2.773 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046766.D
Acq: 17 Jan 2022 15:24

Tgt Ion: 164 Resp: 10571
Ion Ratio Lower Upper
164 100
129 95.8 69.5 129.1
131 94.5 67.0 124.4
166 134.3 90.6 168.2





#49

Dibromochloromethane

Concen: 1.869 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU046766.D

Acq: 17 Jan 2022 15:24

Instrument :

MSVOA_U

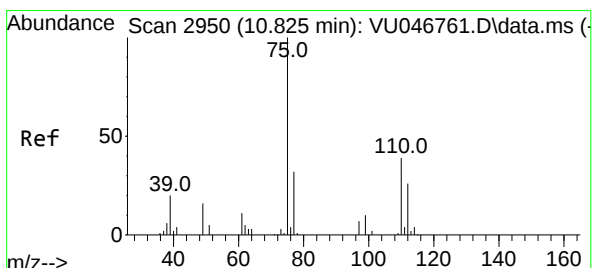
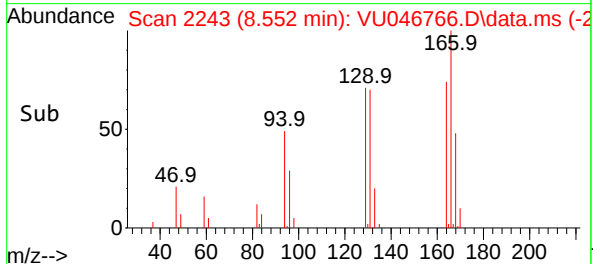
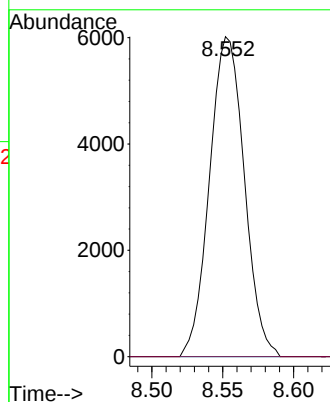
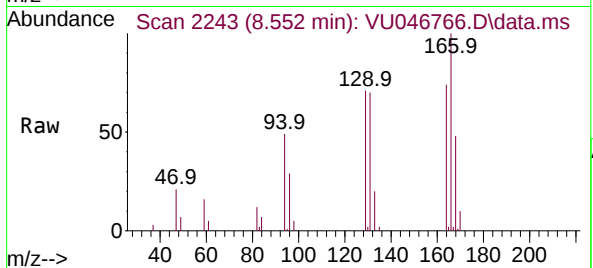
ClientSampleId :

Tgt Ion:129 Resp: 10281

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#60

1,2,3-Trichloropropane

Concen: 5.312 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.993 min

Lab File: VU046766.D

Acq: 17 Jan 2022 15:24

Tgt Ion: 75 Resp: 36073

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 2.7 32.5 48.7#

