

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046496.D
 Acq On : 19 Dec 2021 15:46
 Operator : SY/MD
 Sample : M5101-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:28:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

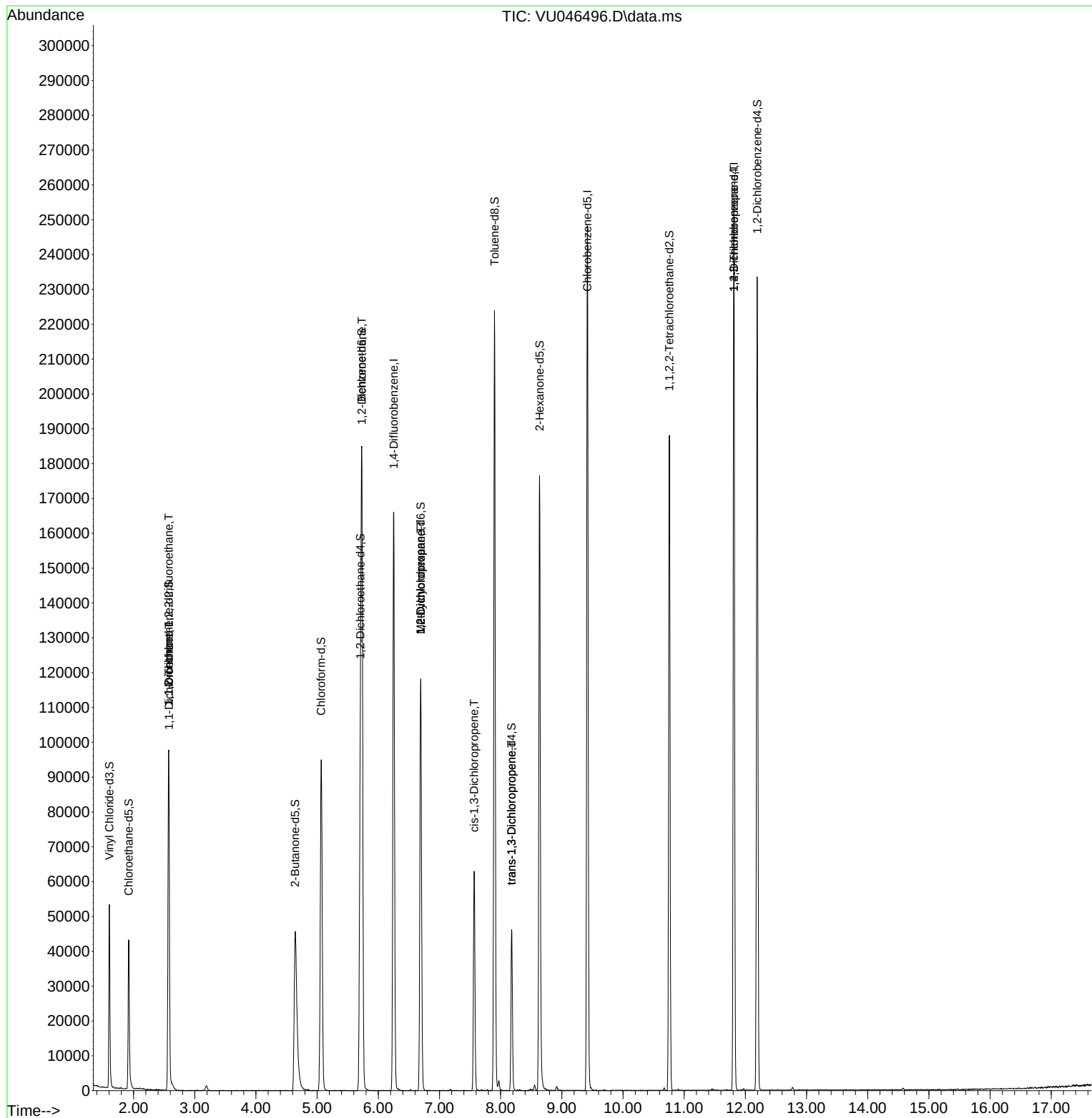
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	133168	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41809	38.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.220%
7) Chloroethane-d5	1.919	69	34848	41.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	2.575	63	60121	30.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.060%
21) 2-Butanone-d5	4.642	46	90071	103.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.290%
24) Chloroform-d	5.067	84	90806	49.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
26) 1,2-Dichloroethane-d4	5.707	65	61734	50.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
32) Benzene-d6	5.729	84	170237	43.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
36) 1,2-Dichloropropane-d6	6.694	67	54966	45.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.700%
41) Toluene-d8	7.899	98	146151	41.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.080%
43) trans-1,3-Dichloroprop...	8.179	79	26561	45.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.800%
47) 2-Hexanone-d5	8.636	63	64448	112.146	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.150%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	89193	48.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	59767	47.068	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	403	0.416	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	356	0.387	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1015	0.695	ug/L #	73
35) Methylcyclohexane	6.694	83	13887	8.232	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6043	5.586	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1733	1.053	ug/L	86
44) trans-1,3-Dichloropropene	8.179	75	1247	0.771	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	8076	5.587	ug/L #	65

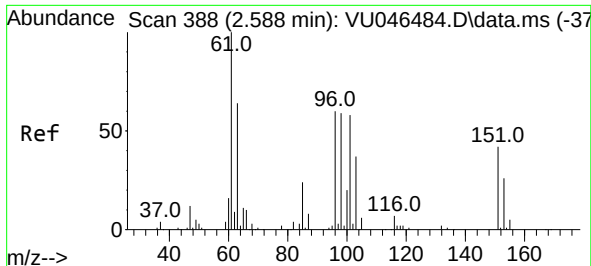
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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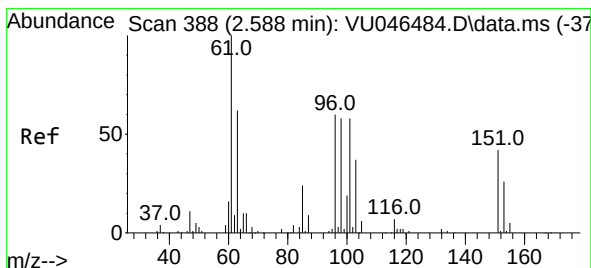
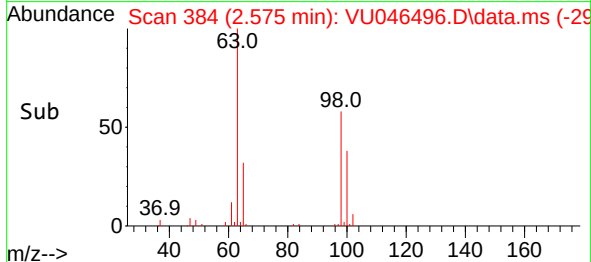
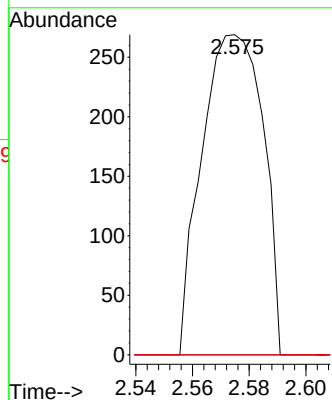
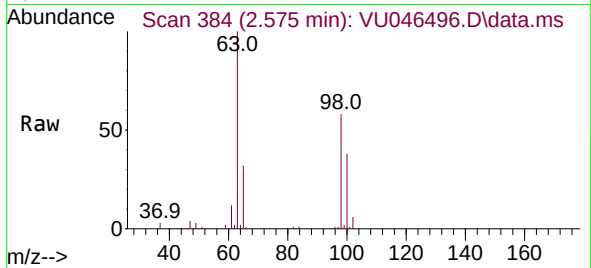




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.416 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046496.D
Acq: 19 Dec 2021 15:46

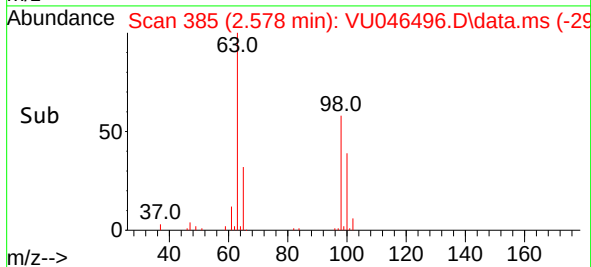
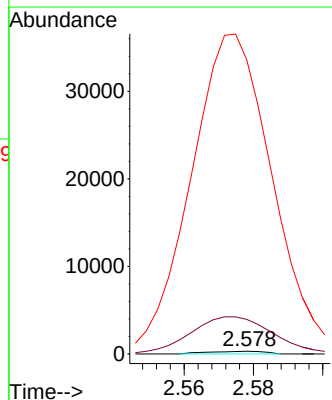
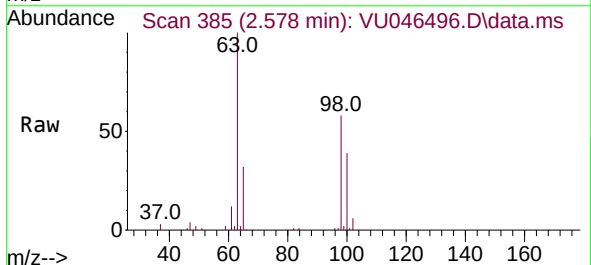
Instrument :
MSVOA_U
ClientSampleId :

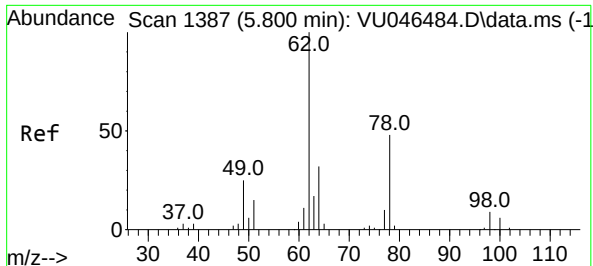
Tgt Ion:101 Resp: 403
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.387 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU046496.D
Acq: 19 Dec 2021 15:46

Tgt Ion: 96 Resp: 356
Ion Ratio Lower Upper
96 100
61 1298.7 118.6 220.2#
63 11052.6 93.0 172.8#

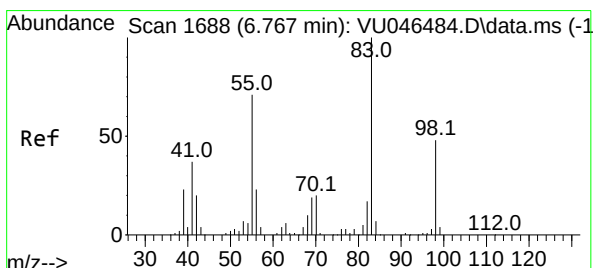
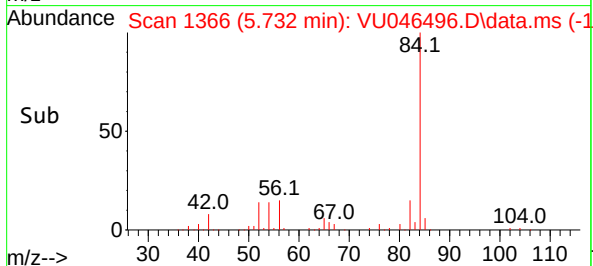
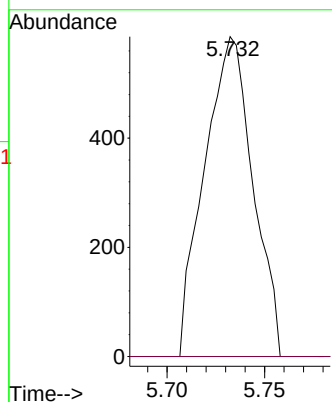
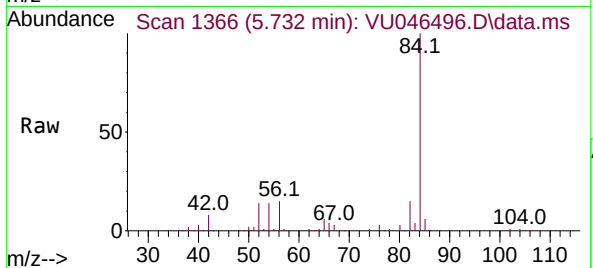




#27
1,2-Dichloroethane
Concen: 0.695 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU046496.D
Acq: 19 Dec 2021 15:46

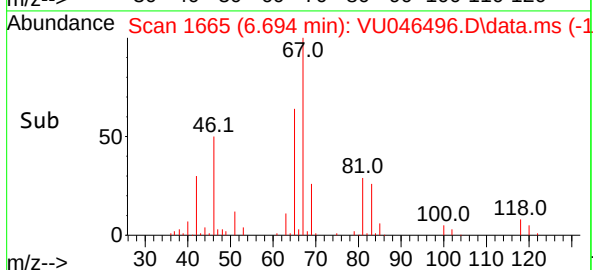
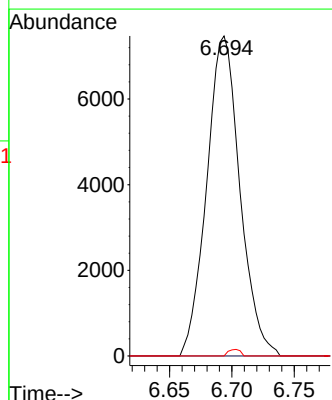
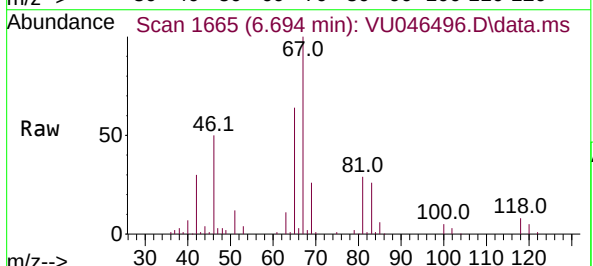
Instrument :
MSVOA_U
ClientSampleId :

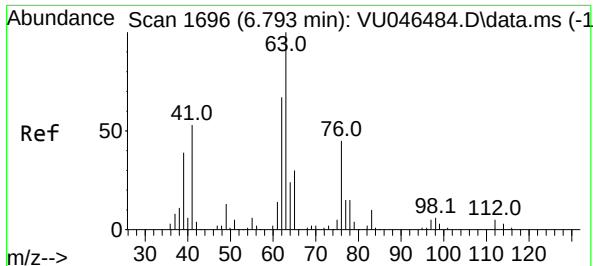
Tgt Ion: 62 Resp: 1015
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.232 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046496.D
Acq: 19 Dec 2021 15:46

Tgt Ion: 83 Resp: 13887
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.586 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU046496.D

Acq: 19 Dec 2021 15:46

Instrument :

MSVOA_U

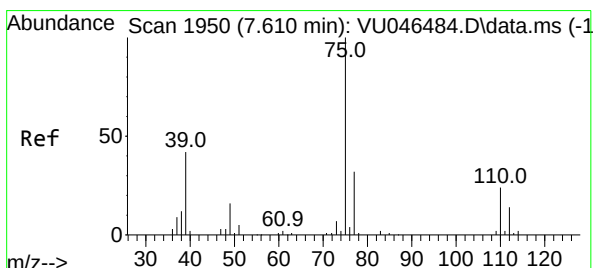
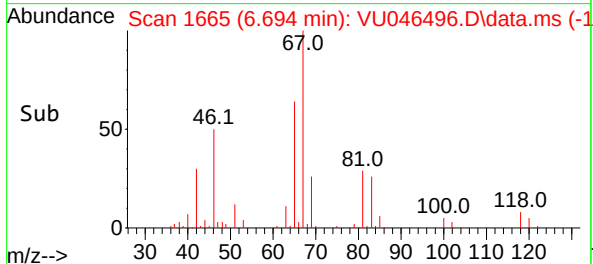
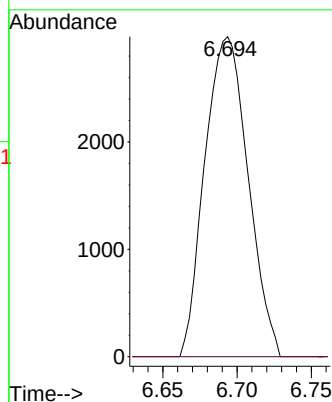
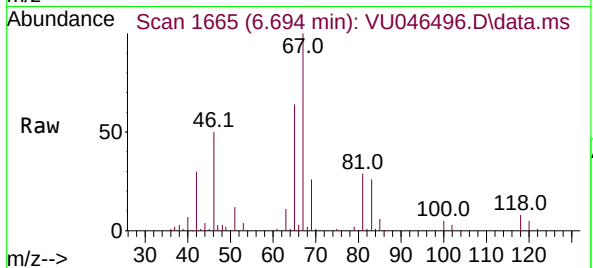
ClientSampleId :

Tgt Ion: 63 Resp: 6043

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.053 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046496.D

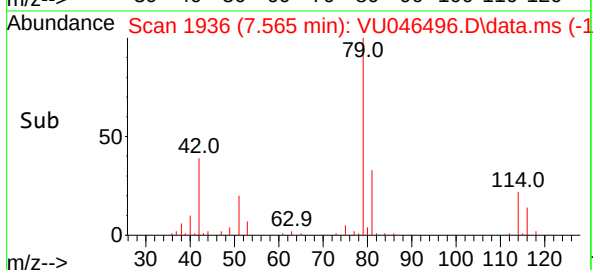
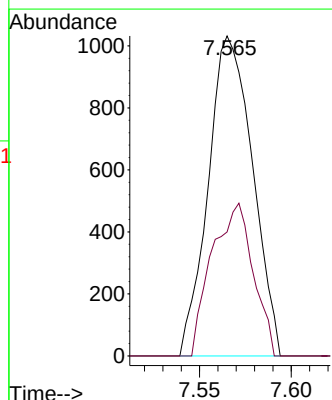
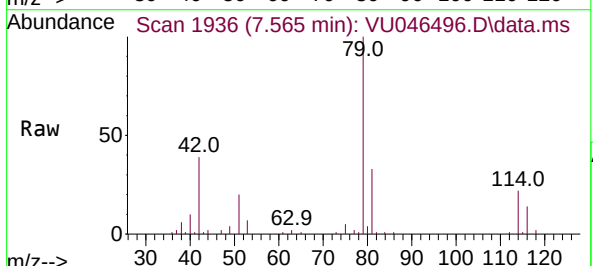
Acq: 19 Dec 2021 15:46

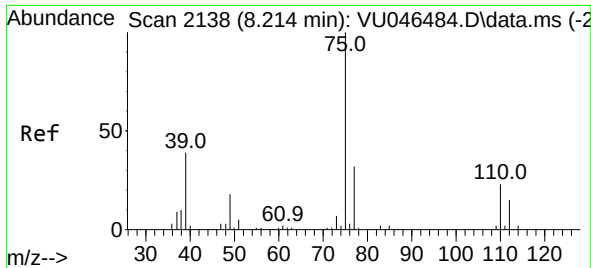
Tgt Ion: 75 Resp: 1733

Ion Ratio Lower Upper

75 100

77 38.8 21.8 40.6

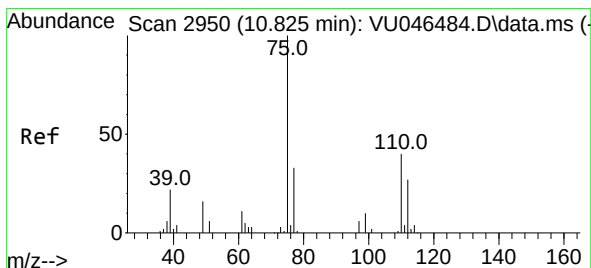
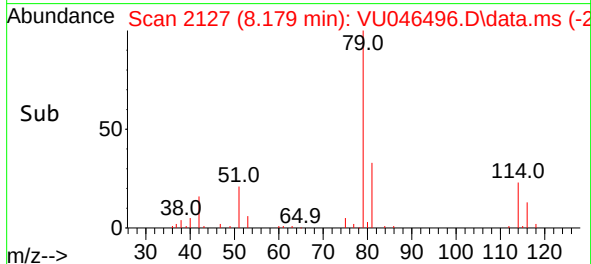
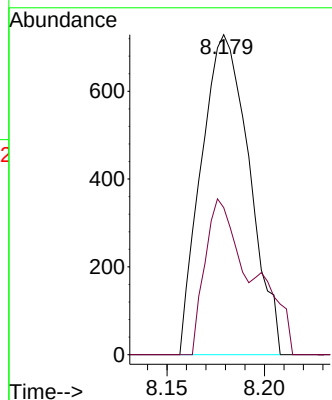
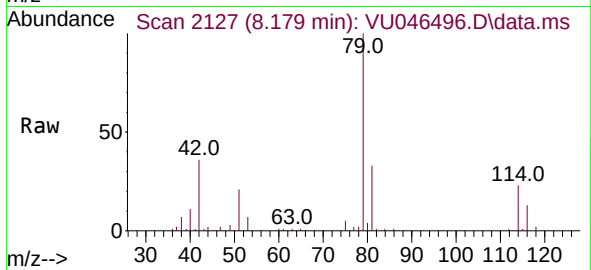




#44
 trans-1,3-Dichloropropene
 Concen: 0.771 ug/L
 RT: 8.179 min Scan# 2138
 Delta R.T. -0.035 min
 Lab File: VU046496.D
 Acq: 19 Dec 2021 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1247
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.7 40.3#



#60
 1,2,3-Trichloropropane
 Concen: 5.587 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046496.D
 Acq: 19 Dec 2021 15:46

Tgt Ion: 75 Resp: 8076
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.4 39.6
 110 2.4 32.4 48.6#

