

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046401.D
 Acq On : 15 Dec 2021 17:17
 Operator : SY/MD
 Sample : VIBLK
 Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 03:11:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

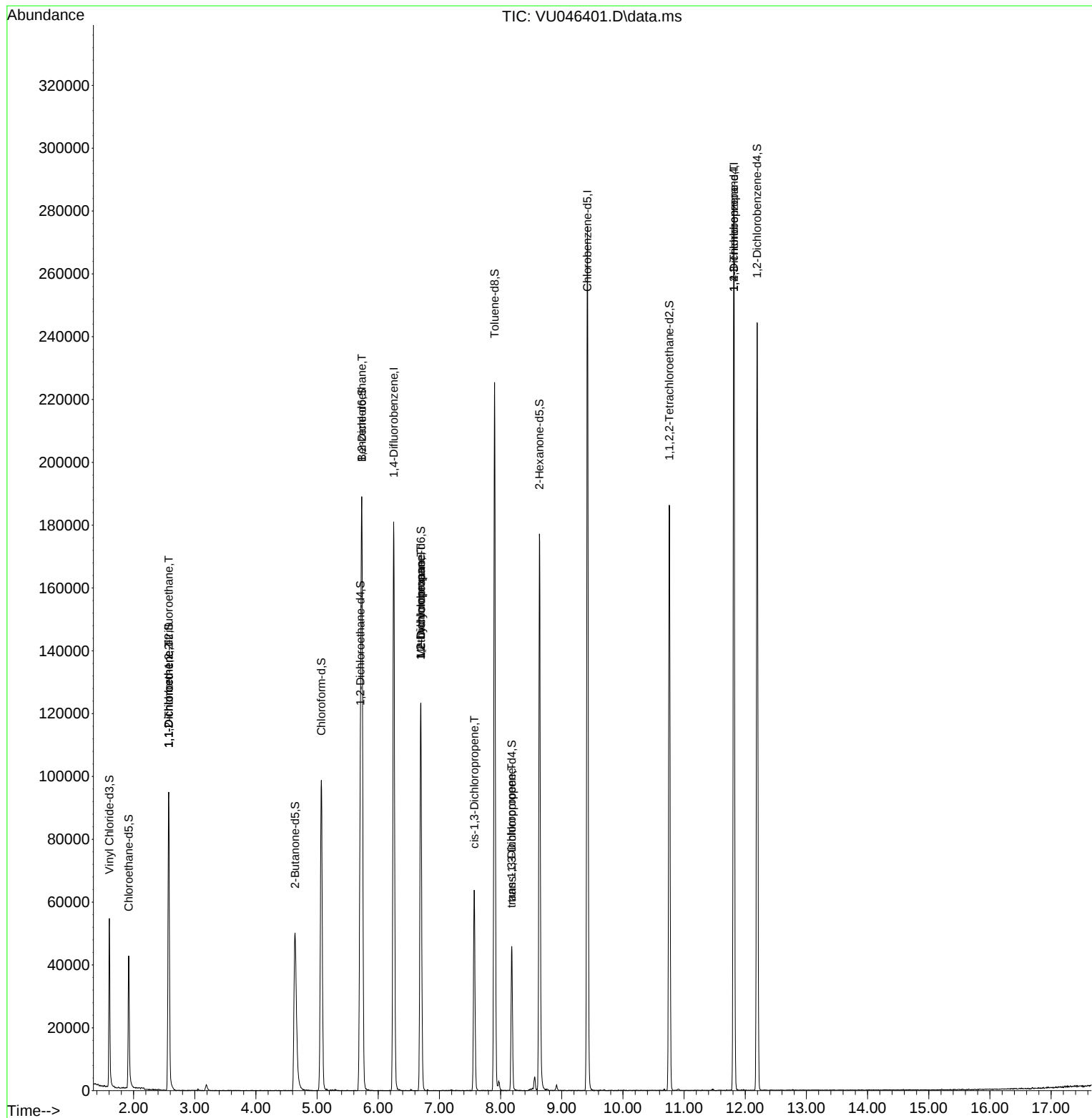
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145100	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	149926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	73346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41509	34.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.460%
7) Chloroethane-d5	1.919	69	34368	37.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.900%
11) 1,1-Dichloroethene-d2	2.575	63	57501	26.798	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.600%#
21) 2-Butanone-d5	4.639	46	86368	90.897	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.900%
24) Chloroform-d	5.070	84	92638	46.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
26) 1,2-Dichloroethane-d4	5.706	65	63566	47.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
32) Benzene-d6	5.732	84	173020	40.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.520%
36) 1,2-Dichloropropane-d6	6.697	67	57803	43.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.800%
41) Toluene-d8	7.902	98	146668	37.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.980%#
43) trans-1,3-Dichloroprop...	8.182	79	26278	40.875	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.760%
47) 2-Hexanone-d5	8.635	63	62713	99.318	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90719	44.918	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	61463	43.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.020%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	448	0.424	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	336	0.335	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1017	0.639	ug/L #	73
35) Methylcyclohexane	6.697	83	14318	7.725	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6471	5.444	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1531	0.847	ug/L #	56
44) trans-1,3-Dichloropropene	8.179	75	1177	0.663	ug/L	86
60) 1,2,3-Trichloropropane	11.815	75	9165	5.700	ug/L #	65

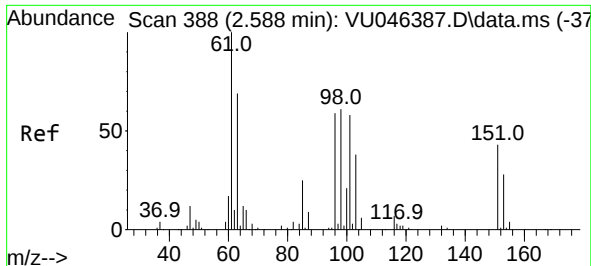
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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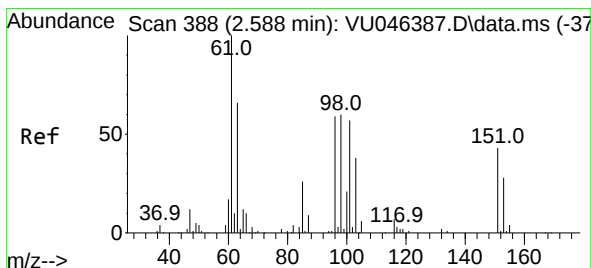
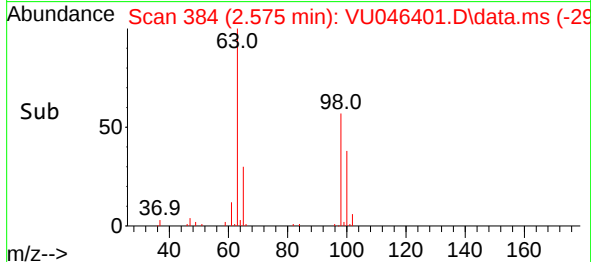
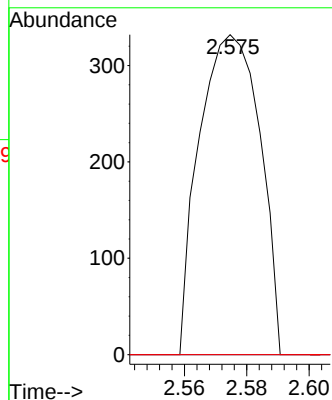
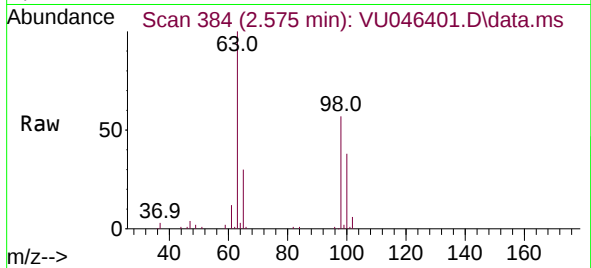




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.424 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046401.D
 Acq: 15 Dec 2021 17:17

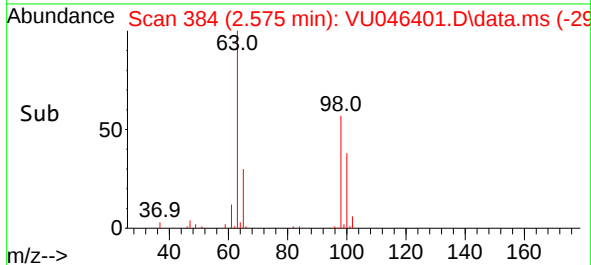
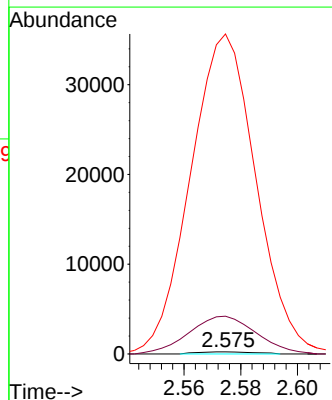
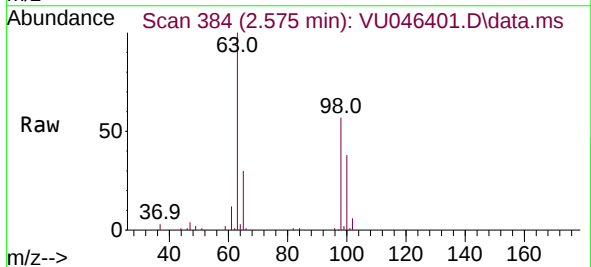
Instrument :
 MSVOA_U
 ClientSampleId :

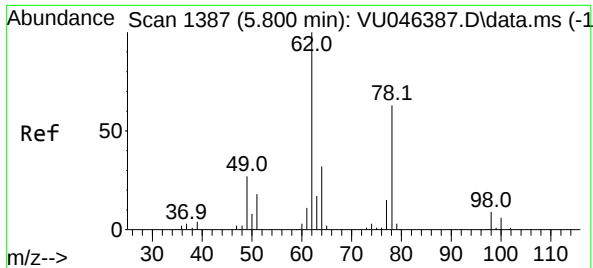
Tgt Ion:101 Resp: 448
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.335 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046401.D
 Acq: 15 Dec 2021 17:17

Tgt Ion: 96 Resp: 336
 Ion Ratio Lower Upper
 96 100
 61 1754.2 118.6 220.2#
 63 14856.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.639 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU046401.D

Acq: 15 Dec 2021 17:17

Instrument :

MSVOA_U

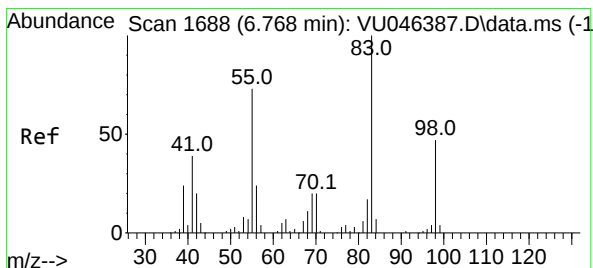
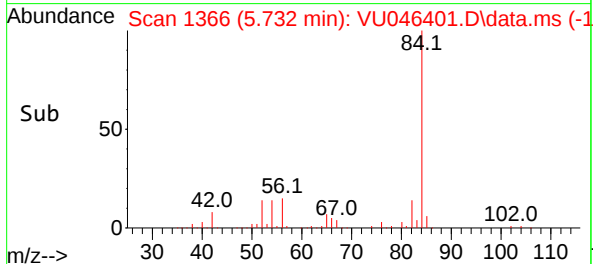
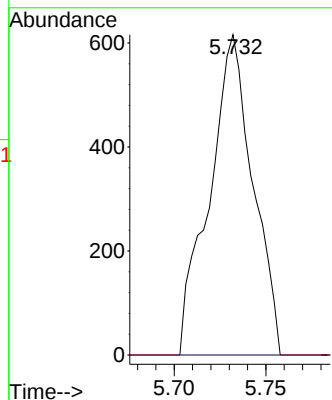
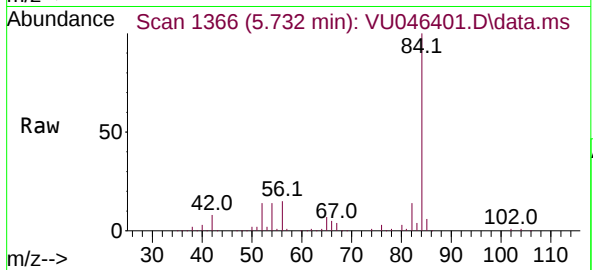
ClientSampleId :

Tgt Ion: 62 Resp: 1017

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.725 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU046401.D

Acq: 15 Dec 2021 17:17

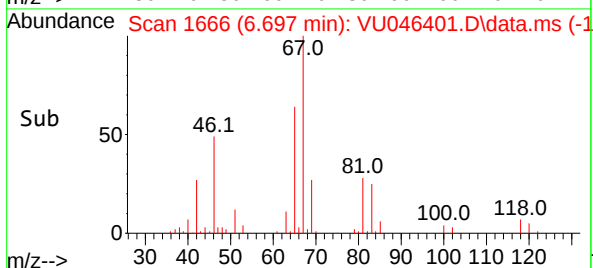
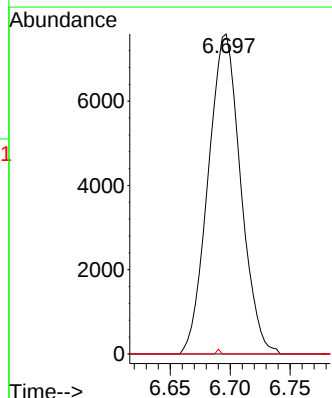
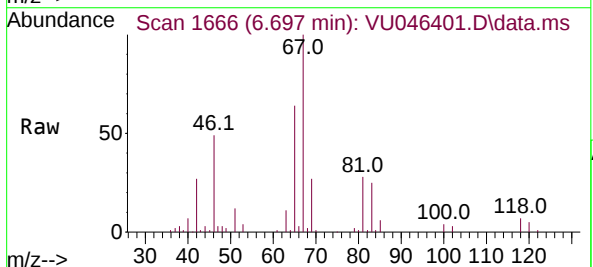
Tgt Ion: 83 Resp: 14318

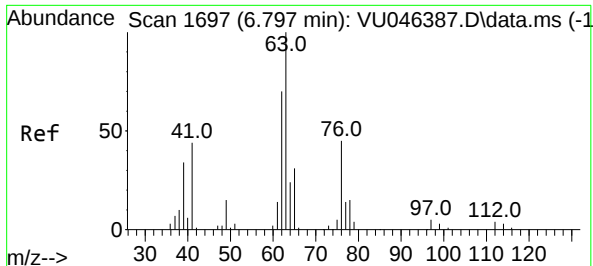
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.444 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046401.D

Acq: 15 Dec 2021 17:17

Instrument :

MSVOA_U

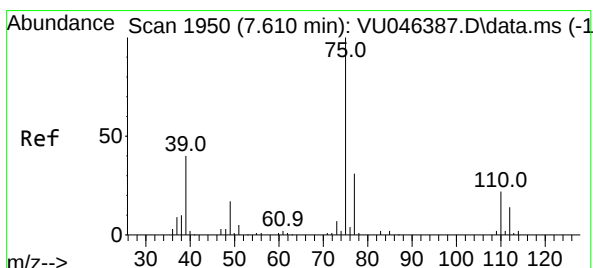
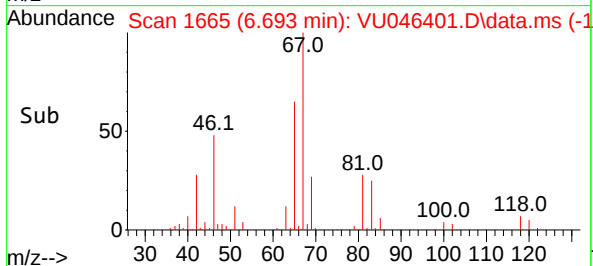
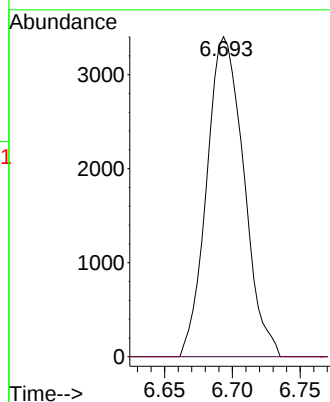
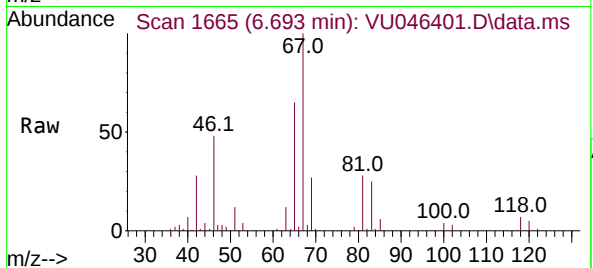
ClientSampleId :

Tgt Ion: 63 Resp: 6471

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046401.D

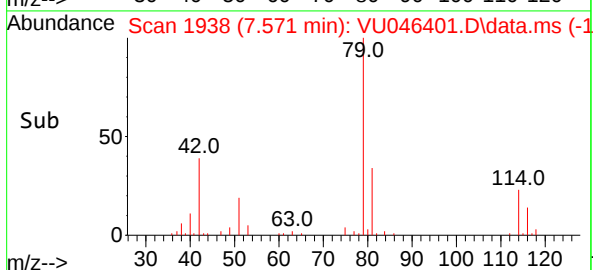
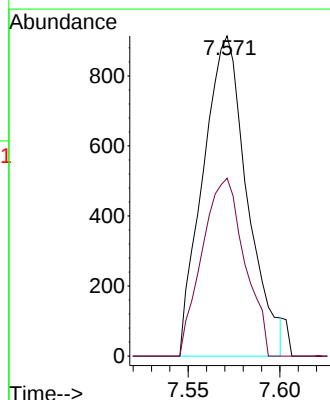
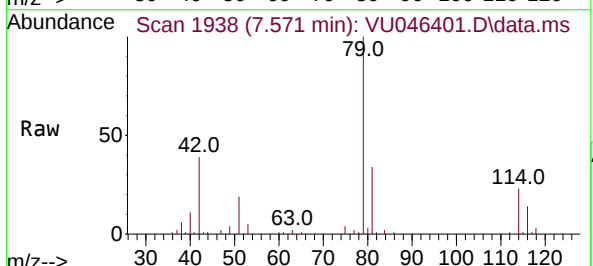
Acq: 15 Dec 2021 17:17

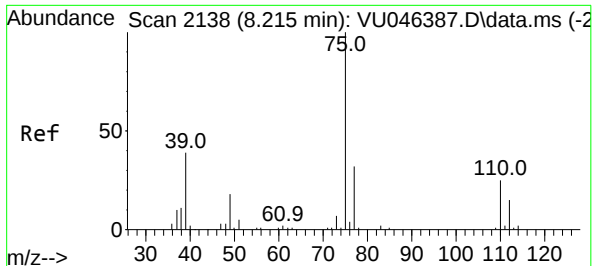
Tgt Ion: 75 Resp: 1531

Ion Ratio Lower Upper

75 100

77 55.6 21.8 40.6#

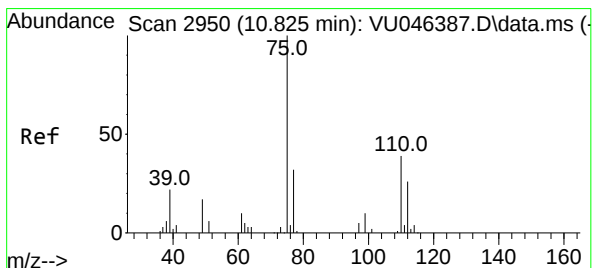
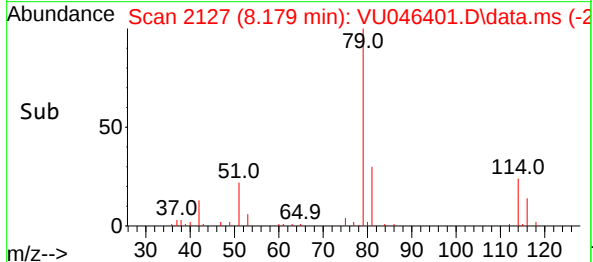
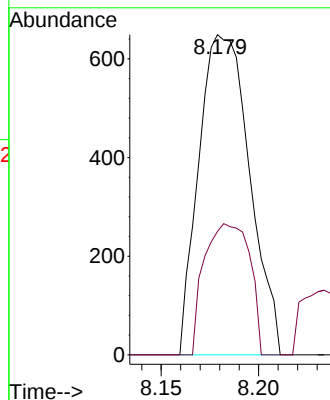
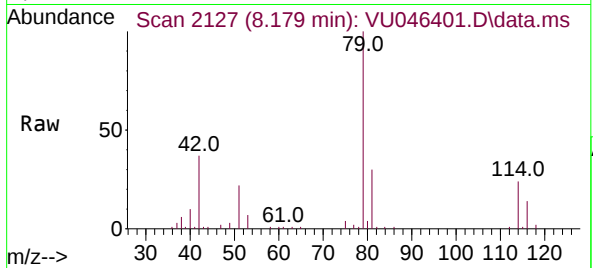




#44
trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.036 min
Lab File: VU046401.D
Acq: 15 Dec 2021 17:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1177
Ion Ratio Lower Upper
75 100
77 38.5 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.700 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU046401.D
Acq: 15 Dec 2021 17:17

Tgt Ion: 75 Resp: 9165
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 1.2 32.4 48.6#

