

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048515.D
 Acq On : 11 May 2022 14:32
 Operator : SY/MD
 Sample : N2790-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 03:43:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 03:40:41 2022
 Response via : Initial Calibration

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

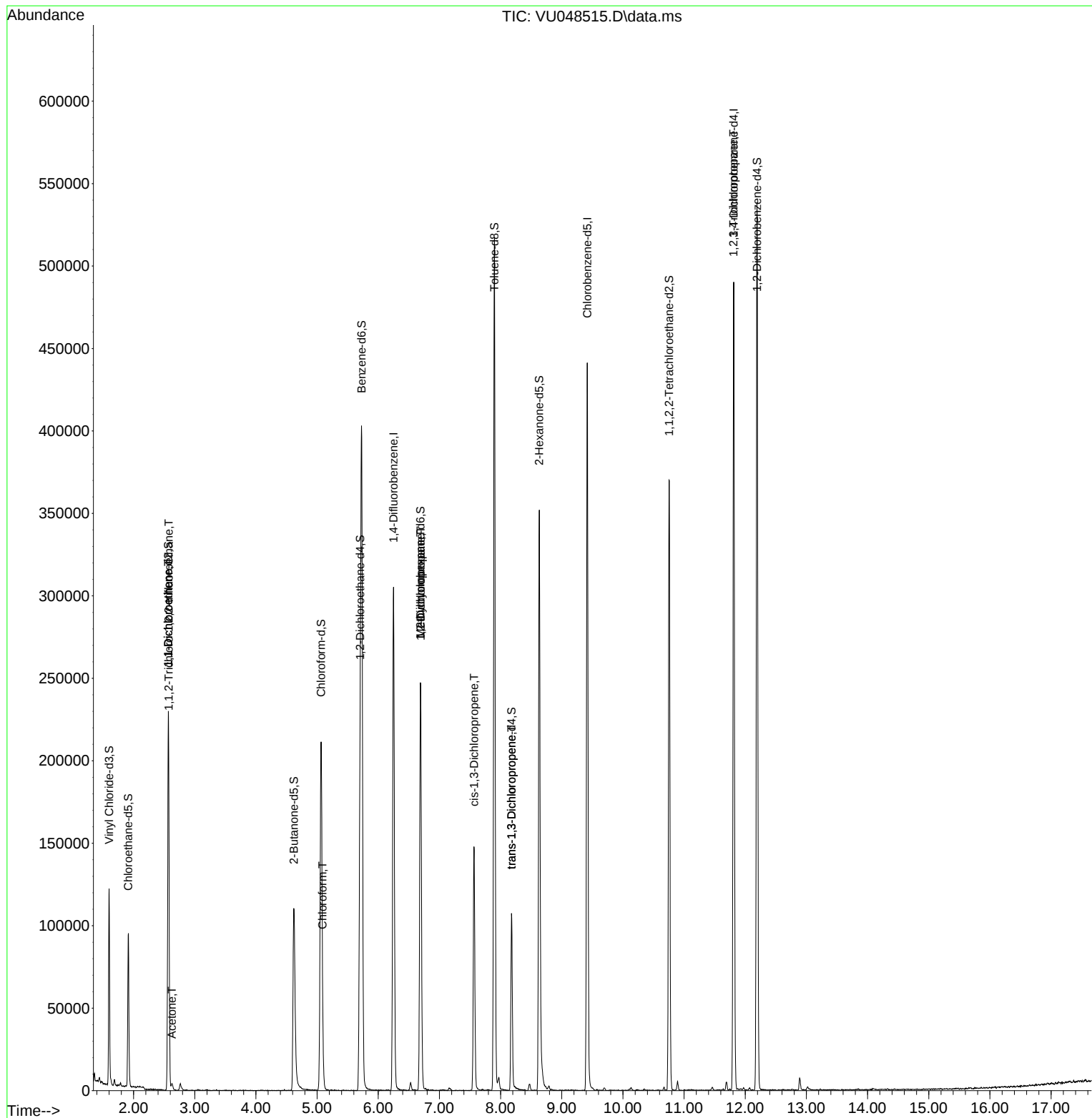
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	245555	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	249136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	83897	39.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.340%
7) Chloroethane-d5	1.912	69	65049	47.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.260%
11) 1,1-Dichloroethene-d2	2.568	63	133978	35.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.200%
21) 2-Butanone-d5	4.620	46	160207	88.954	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.950%
24) Chloroform-d	5.066	84	196492	53.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.980%
26) 1,2-Dichloroethane-d4	5.703	65	144409	60.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.960%
32) Benzene-d6	5.729	84	365634	48.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.690	67	113117	45.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	7.899	98	336978	50.328	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.660%
43) trans-1,3-Dichloroprop...	8.179	79	62695	55.174	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.340%
47) 2-Hexanone-d5	8.632	63	118361	99.054	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.050%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	171359	45.568	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	143255	55.258	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.520%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	782	0.430	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1087	0.632	ug/L #	1
13) Acetone	2.626	43	4747	3.496	ug/L	94
25) Chloroform	5.089	83	18105	4.844	ug/L	99
35) Methylcyclohexane	6.690	83	28143	8.365	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	13594	5.678	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3655	1.073	ug/L #	58
44) trans-1,3-Dichloropropene	8.179	75	2721	0.822	ug/L #	82
60) 1,2,3-Trichloropropane	11.809	75	12526	3.665	ug/L #	63

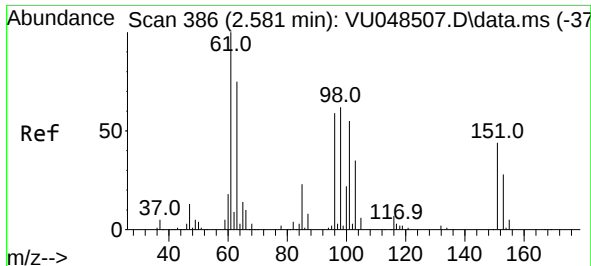
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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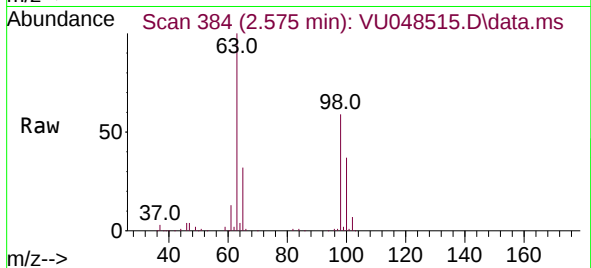
Quant Time: May 12 03:43:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
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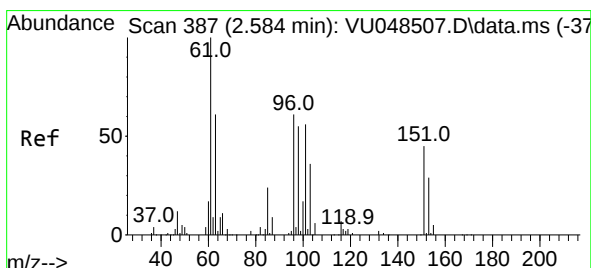
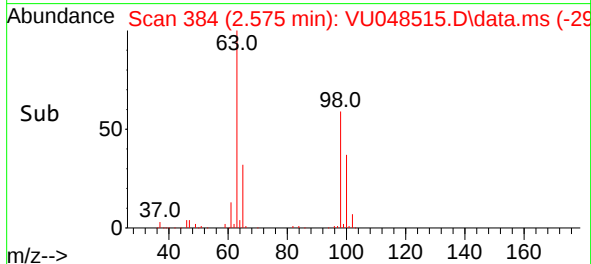
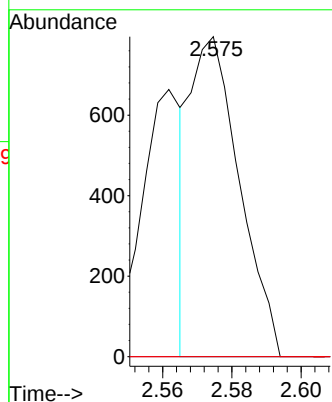


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.430 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VU048515.D
 Acq: 11 May 2022 14:32

Instrument :
 MSVOA_U
 ClientSampleId :

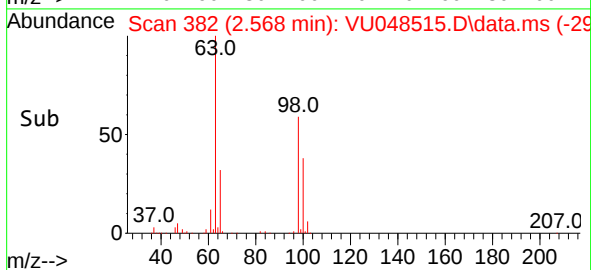
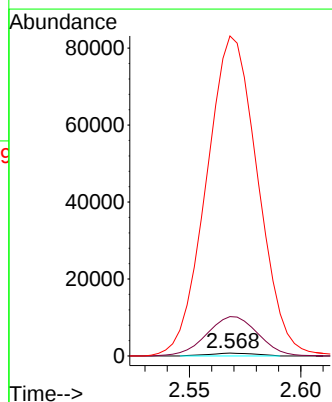
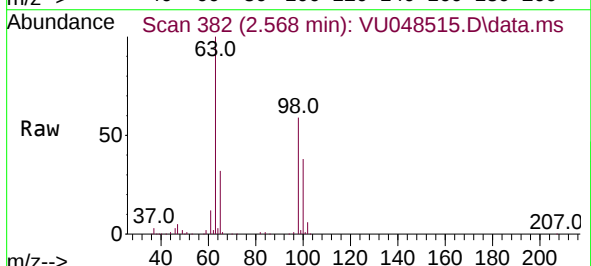


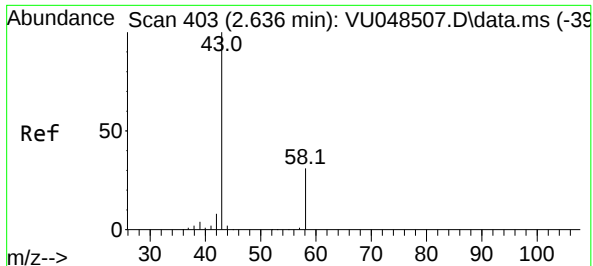
Tgt Ion:101 Resp: 782
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.632 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048515.D
 Acq: 11 May 2022 14:32

Tgt Ion: 96 Resp: 1087
 Ion Ratio Lower Upper
 96 100
 61 1395.6 124.5 231.3#
 63 11346.2 92.5 171.9#





#13

Acetone

Concen: 3.496 ug/L

RT: 2.626 min Scan# 403

Delta R.T. -0.010 min

Lab File: VU048515.D

Acq: 11 May 2022 14:32

Instrument :

MSVOA_U

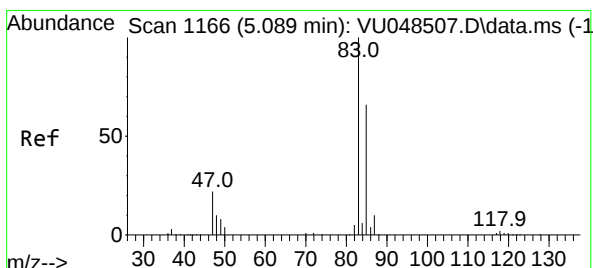
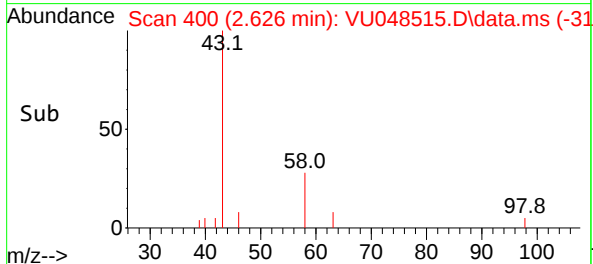
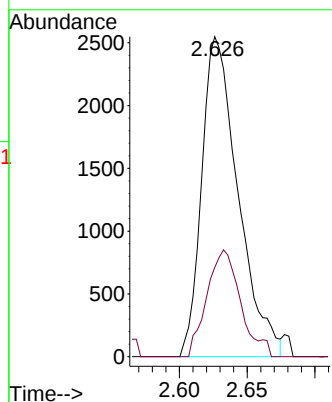
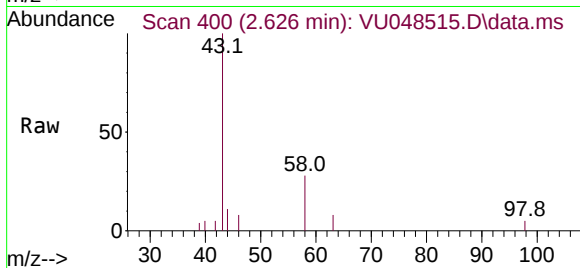
ClientSampleId :

Tgt Ion: 43 Resp: 4747

Ion Ratio Lower Upper

43 100

58 29.8 0.0 66.2



#25

Chloroform

Concen: 4.844 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048515.D

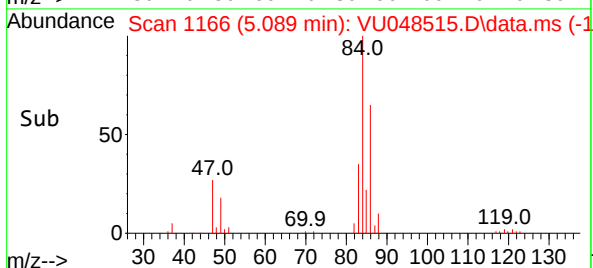
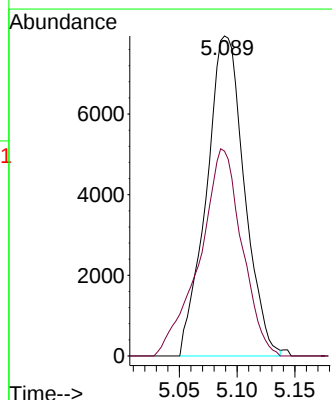
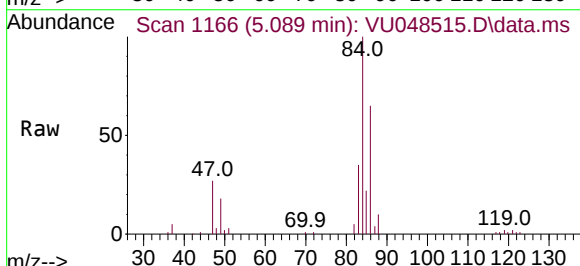
Acq: 11 May 2022 14:32

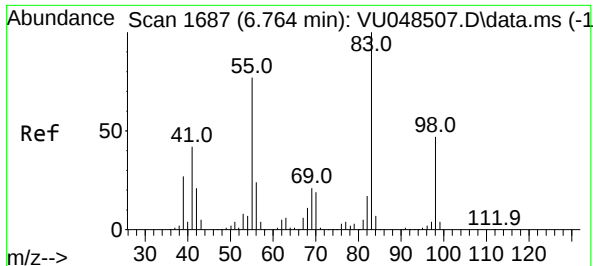
Tgt Ion: 83 Resp: 18105

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.2





#35

Methylcyclohexane

Concen: 8.365 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU048515.D

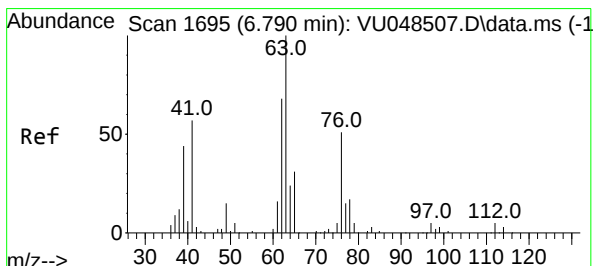
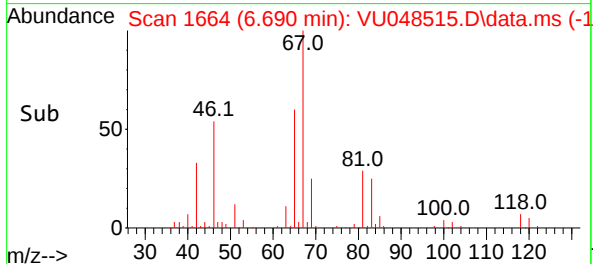
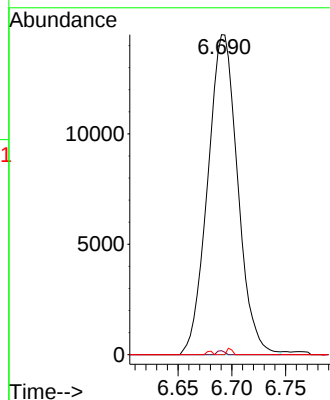
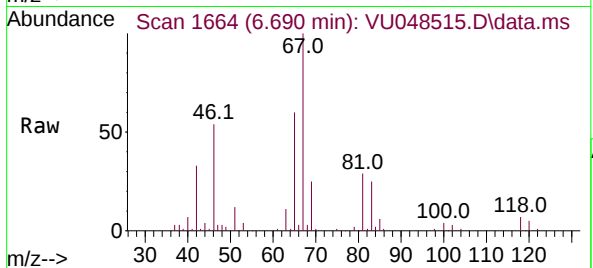
Acq: 11 May 2022 14:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 28143
Ion Ratio	Lower Upper
83 100	
55 0.3	63.4 95.2#
98 0.3	35.9 53.9#



#37

1,2-Dichloropropane

Concen: 5.678 ug/L

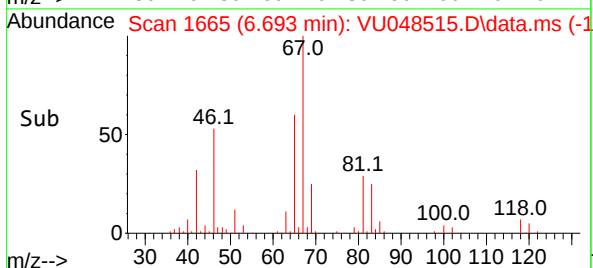
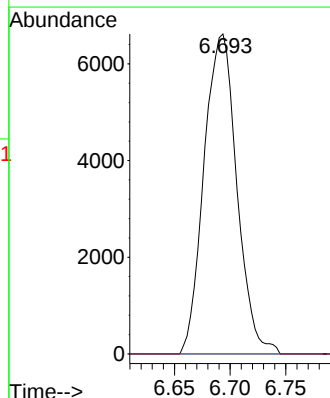
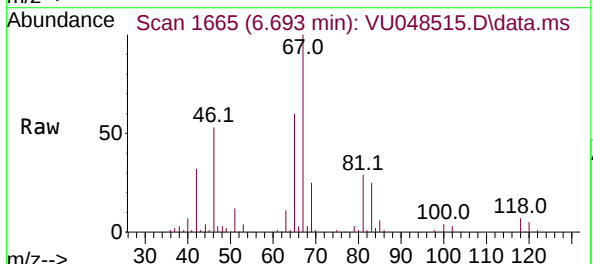
RT: 6.693 min Scan# 1665

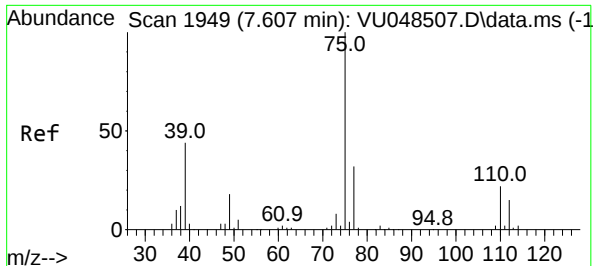
Delta R.T. -0.097 min

Lab File: VU048515.D

Acq: 11 May 2022 14:32

Tgt Ion: 63	Resp: 13594
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.073 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048515.D

Acq: 11 May 2022 14:32

Instrument :

MSVOA_U

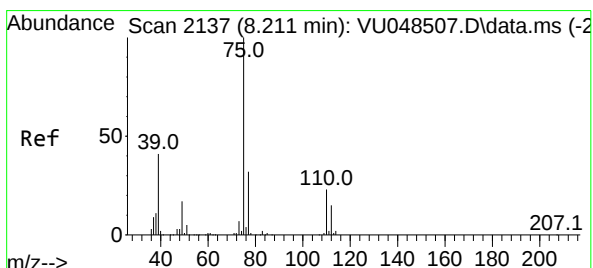
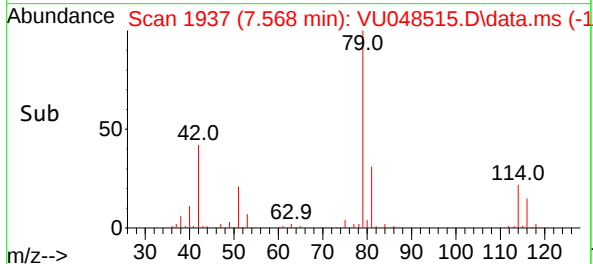
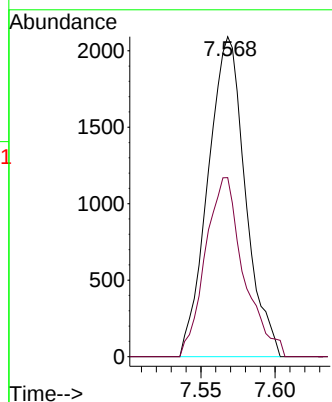
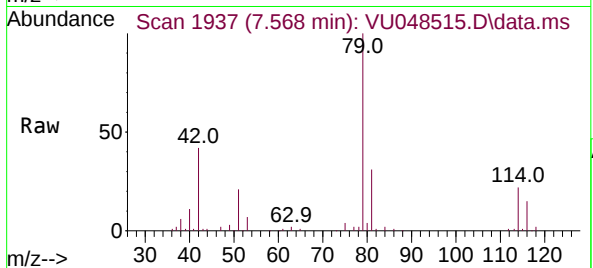
ClientSampleId :

Tgt Ion: 75 Resp: 3655

Ion Ratio Lower Upper

75 100

77 55.9 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048515.D

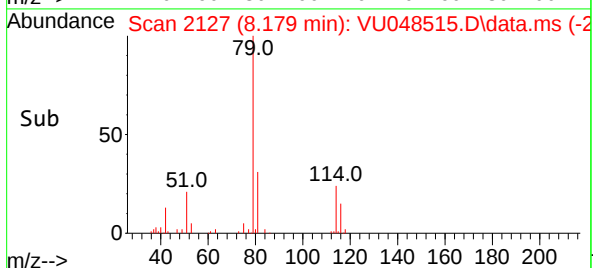
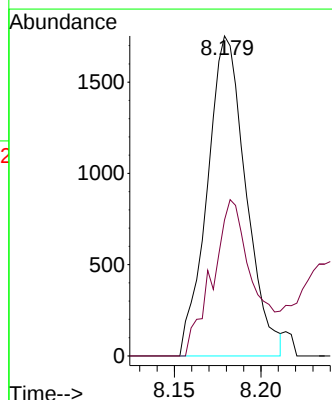
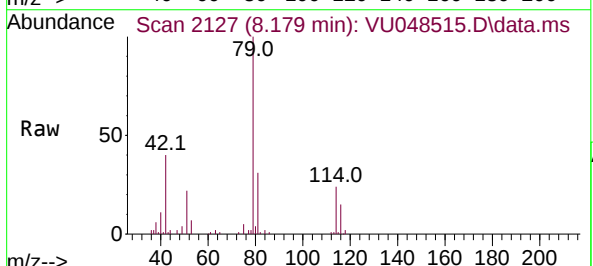
Acq: 11 May 2022 14:32

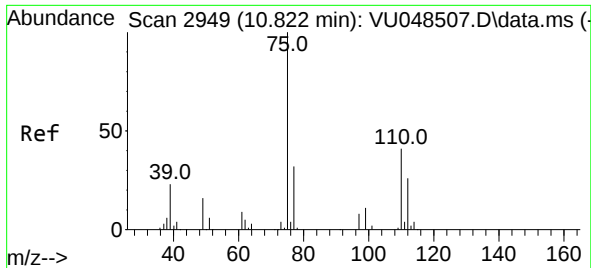
Tgt Ion: 75 Resp: 2721

Ion Ratio Lower Upper

75 100

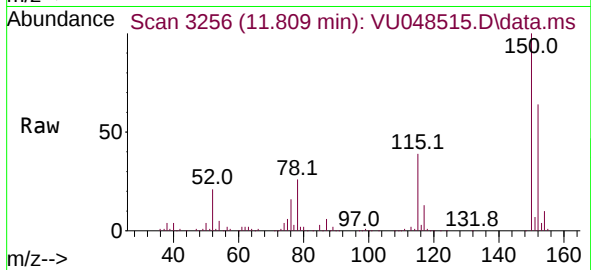
77 42.5 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.665 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048515.D
 Acq: 11 May 2022 14:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.5	25.5	38.3#
110	2.2	28.9	43.3#

