

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051006.D
 Acq On : 30 Sep 2022 02:19
 Operator : JC/MD
 Sample : N4859-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 05:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 02:29:24 2022
 Response via : Initial Calibration

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

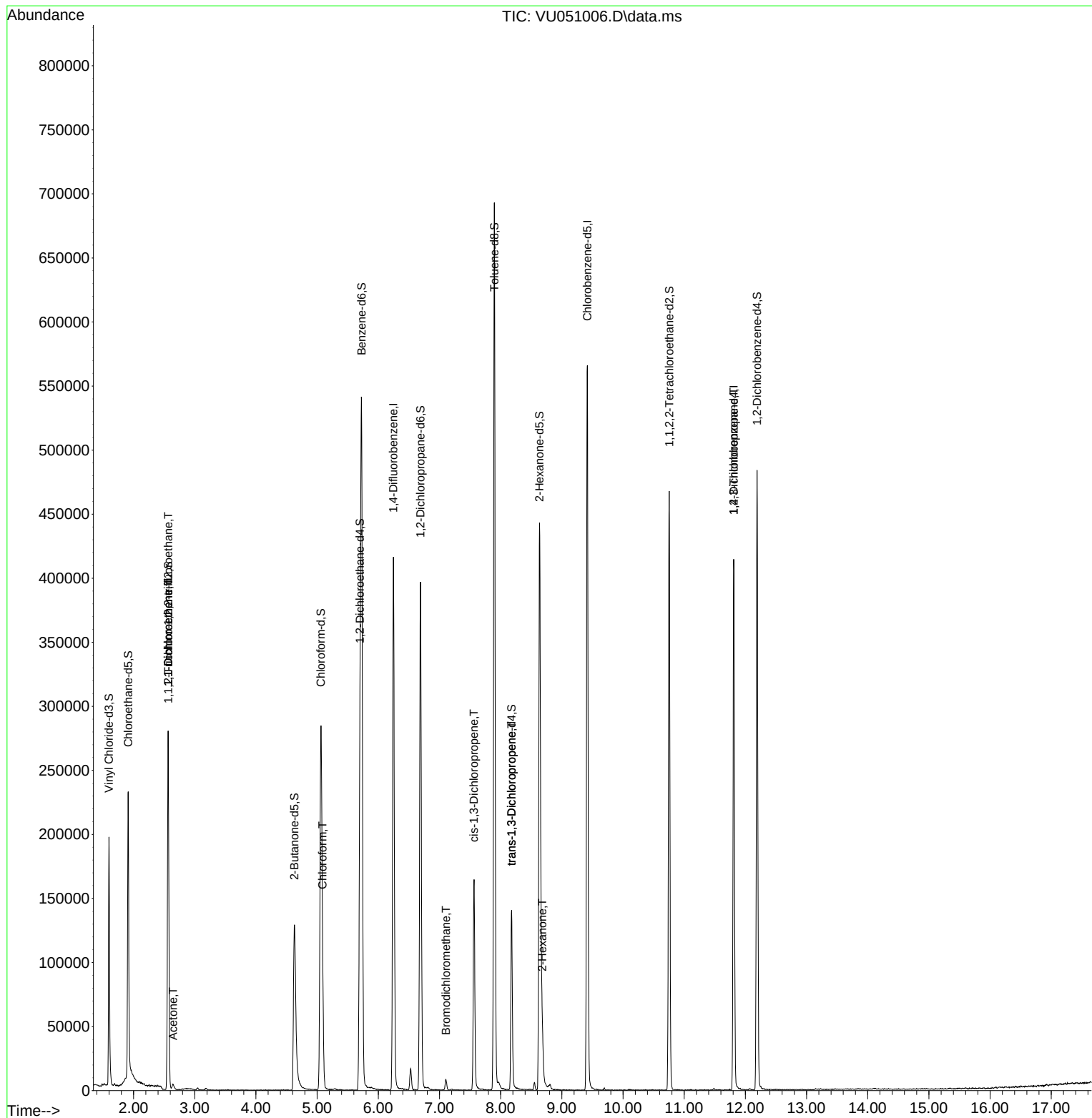
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	328977	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110140	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	145283	43.576	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.160%	
7) Chloroethane-d5	1.912	69	157416	50.828	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.660%	
11) 1,1-Dichloroethene-d2	2.565	63	160878	32.667	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.340%	
21) 2-Butanone-d5	4.629	46	201288	93.086	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.090%	
24) Chloroform-d	5.060	84	255954	47.650	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.300%	
26) 1,2-Dichloroethane-d4	5.700	65	169021	50.837	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.680%	
32) Benzene-d6	5.726	84	500714	53.902	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.800%	
36) 1,2-Dichloropropane-d6	6.690	67	189380	62.827	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	125.660%#	
41) Toluene-d8	7.896	98	458047	53.369	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.740%	
43) trans-1,3-Dichloroprop...	8.179	79	78786	54.799	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	109.600%	
47) 2-Hexanone-d5	8.632	63	132253	108.660	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	108.660%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	232821	44.195	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.380%	
66) 1,2-Dichlorobenzene-d4	12.192	152	126408	53.724	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.440%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1578	0.628	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1389	0.592	ug/L #	1
13) Acetone	2.645	43	5679	3.289	ug/L	85
25) Chloroform	5.089	83	66657	12.926	ug/L	100
38) Bromodichloromethane	7.105	83	6200	1.784	ug/L	86
39) cis-1,3-Dichloropropene	7.562	75	3782	1.025	ug/L #	51
44) trans-1,3-Dichloropropene	8.179	75	3419	0.917	ug/L	94
48) 2-Hexanone	8.681	43	20813	6.076	ug/L #	38
60) 1,2,3-Trichloropropane	11.809	75	14148	4.881	ug/L #	66

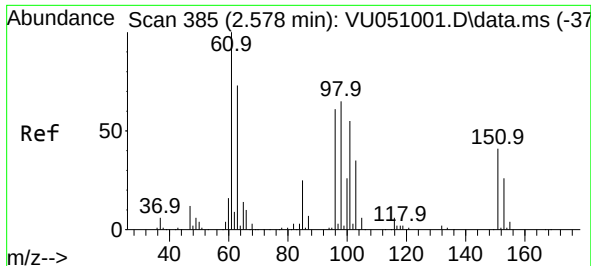
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 30 02:29:24 2022
Response via : Initial Calibration





#10

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

Concen: 0.628 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU051006.D

Acq: 30 Sep 2022 02:19

Instrument :

MSVOA_U

ClientSampleId :

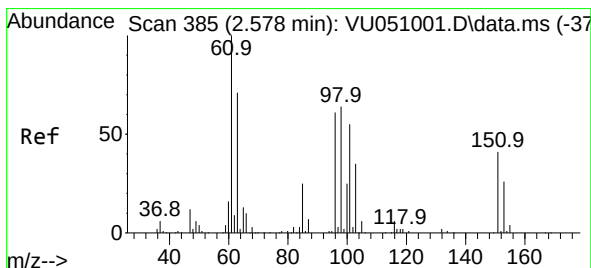
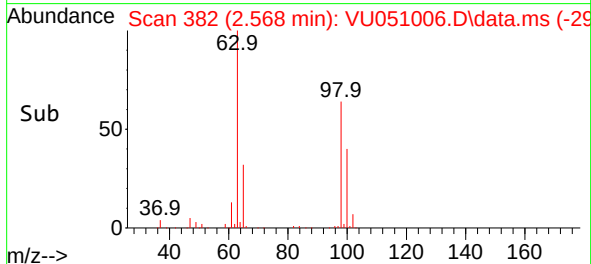
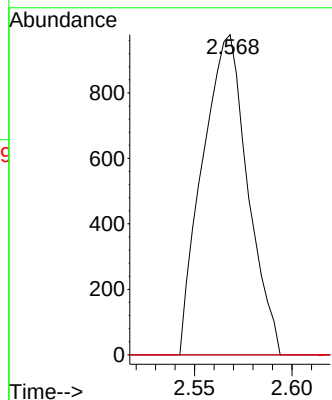
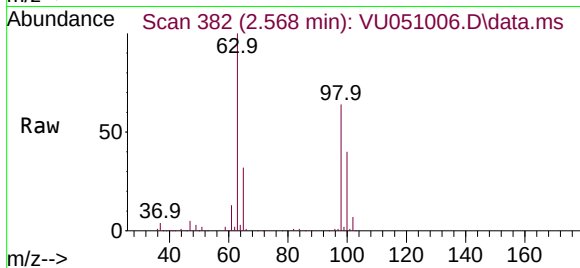
Tgt Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.592 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU051006.D

Acq: 30 Sep 2022 02:19

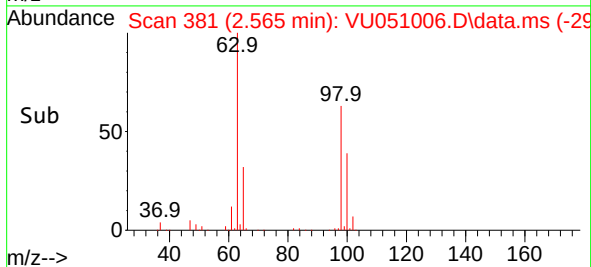
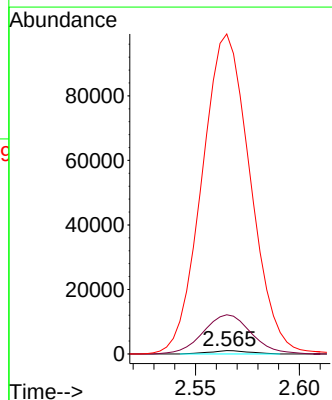
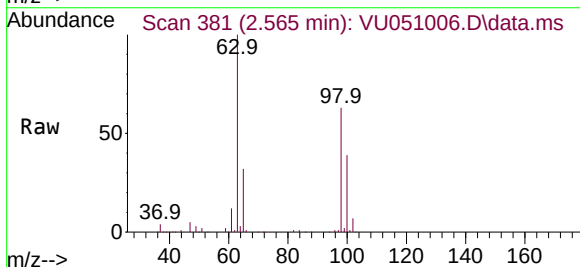
Tgt Ion: 96 Resp: 1389

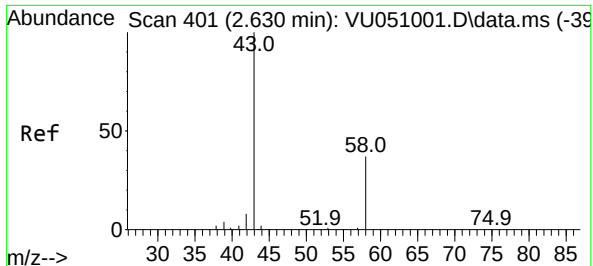
Ion Ratio Lower Upper

96 100

61 1180.8 113.0 209.9#

63 9649.0 91.7 170.3#

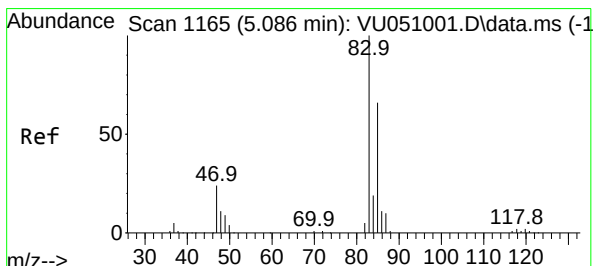
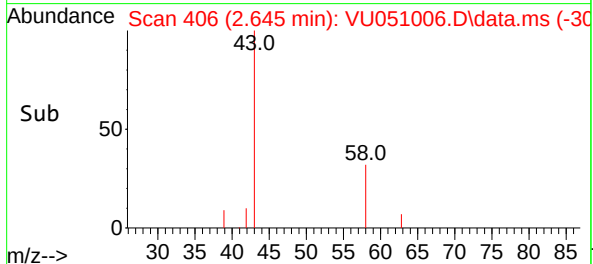
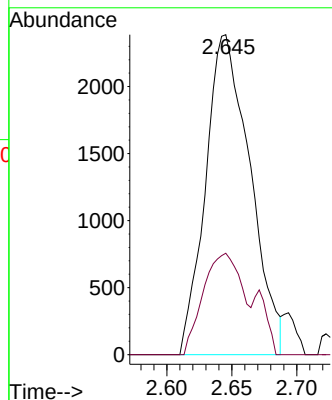
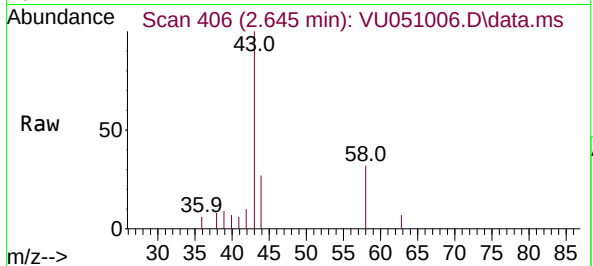




#13
Acetone
Concen: 3.289 ug/L
RT: 2.645 min Scan# 401
Delta R.T. 0.016 min
Lab File: VU051006.D
Acq: 30 Sep 2022 02:19

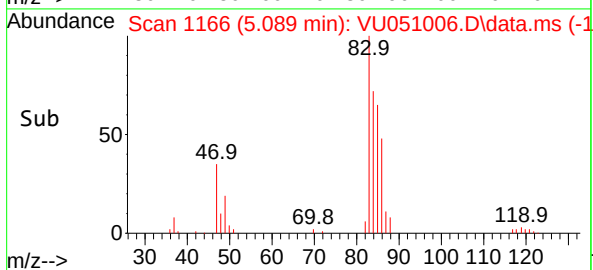
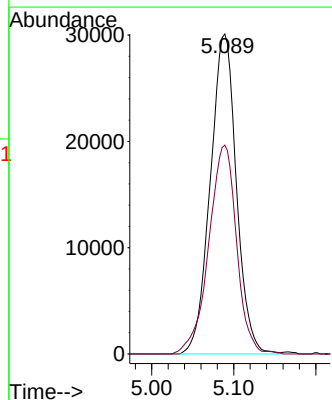
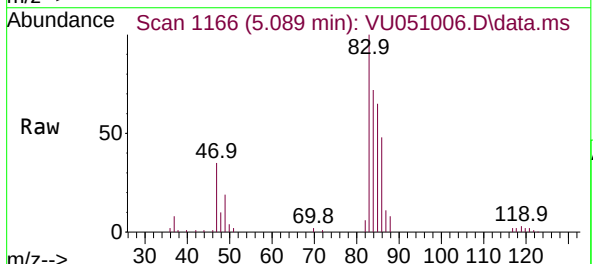
Instrument :
MSVOA_U
ClientSampleId :

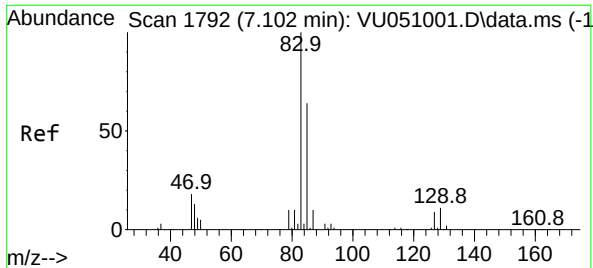
Tgt Ion: 43 Resp: 5679
Ion Ratio Lower Upper
43 100
58 27.9 0.0 73.6



#25
Chloroform
Concen: 12.926 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU051006.D
Acq: 30 Sep 2022 02:19

Tgt Ion: 83 Resp: 66657
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9

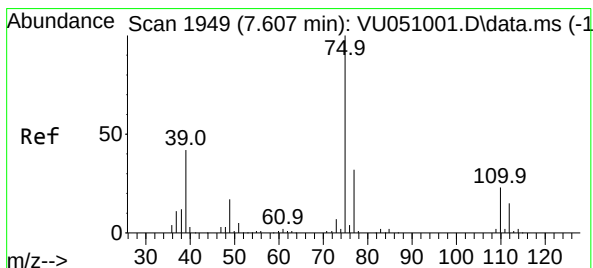
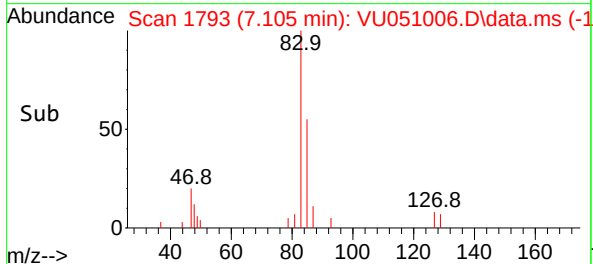
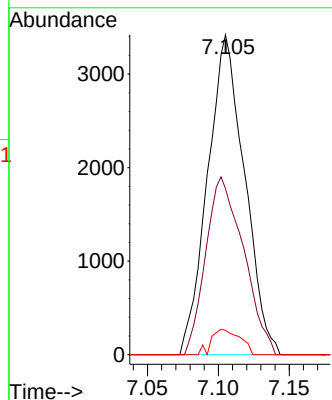
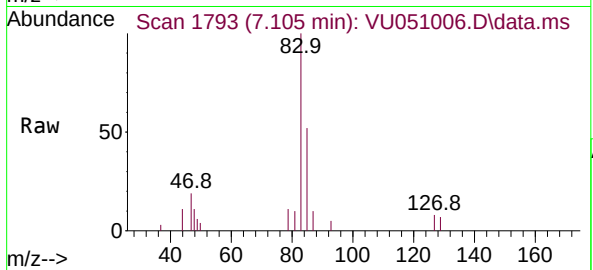




#38
Bromodichloromethane
Concen: 1.784 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051006.D
Acq: 30 Sep 2022 02:19

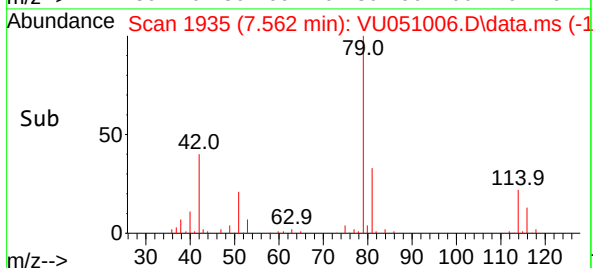
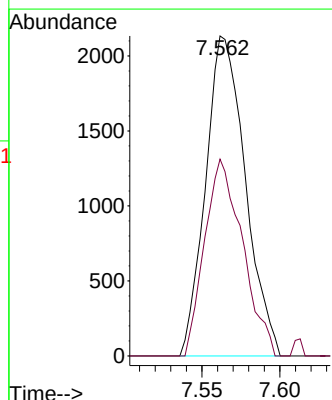
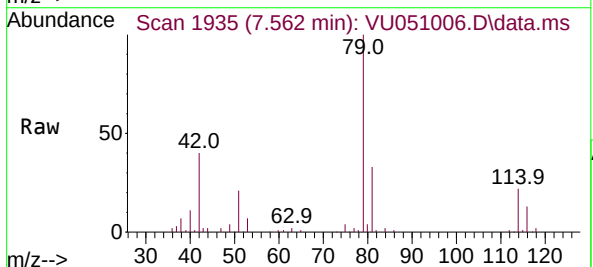
Instrument :
MSVOA_U
ClientSampleId :

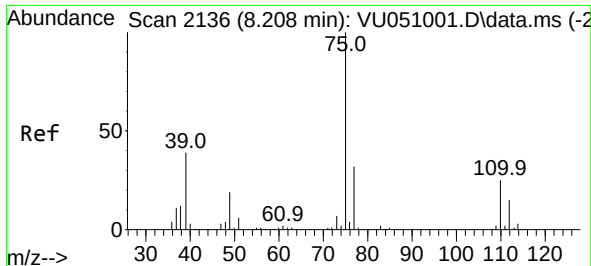
Tgt Ion: 83 Resp: 6200
Ion Ratio Lower Upper
83 100
85 51.9 45.1 83.7
127 7.6 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 1.025 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU051006.D
Acq: 30 Sep 2022 02:19

Tgt Ion: 75 Resp: 3782
Ion Ratio Lower Upper
75 100
77 58.5 22.0 41.0#

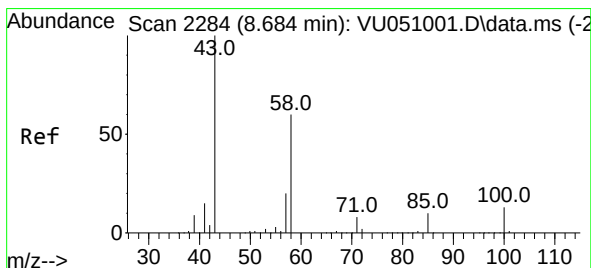
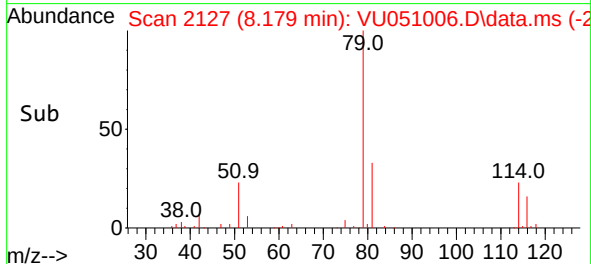
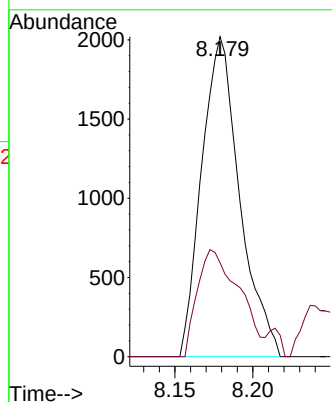
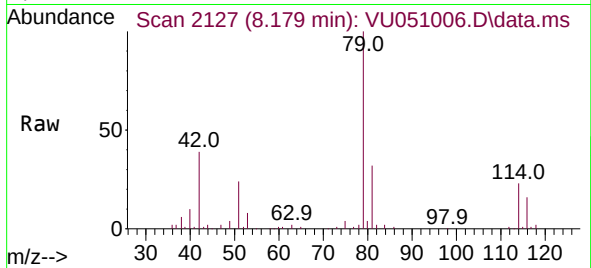




#44
trans-1,3-Dichloropropene
Concen: 0.917 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051006.D
Acq: 30 Sep 2022 02:19

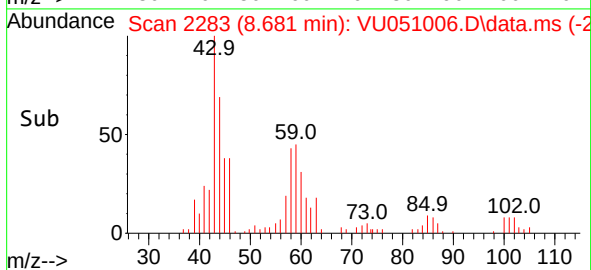
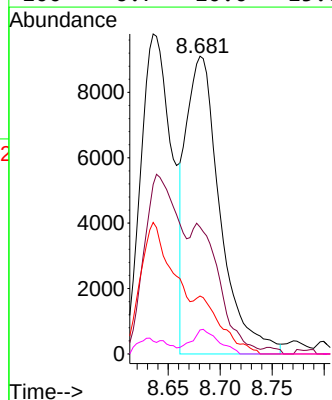
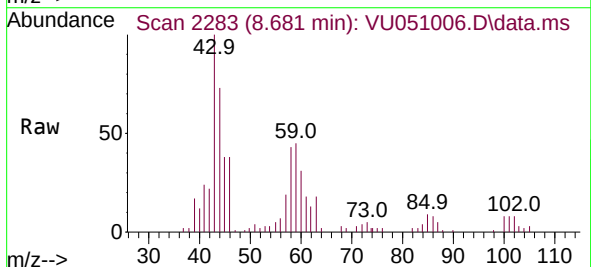
Instrument :
MSVOA_U
ClientSampleId :

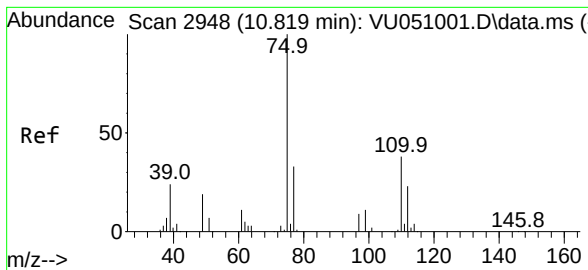
Tgt Ion: 75 Resp: 3419
Ion Ratio Lower Upper
75 100
77 29.4 22.7 42.3



#48
2-Hexanone
Concen: 6.076 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VU051006.D
Acq: 30 Sep 2022 02:19

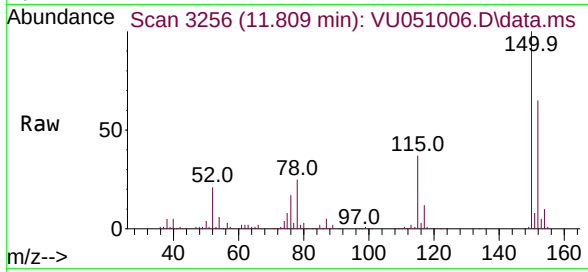
Tgt Ion: 43 Resp: 20813
Ion Ratio Lower Upper
43 100
58 0.9 48.3 72.5#
57 0.0 15.9 23.9#
100 6.7 10.0 15.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.881 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051006.D
 Acq: 30 Sep 2022 02:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	14148
Ion Ratio	Lower	Upper
75	100	
77	29.1	26.1 39.1
110	2.3	30.0 45.0#

