

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048436.D
 Acq On : 05 May 2022 14:46
 Operator : SY/MD
 Sample : N2710-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL83

Quant Time: May 06 05:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

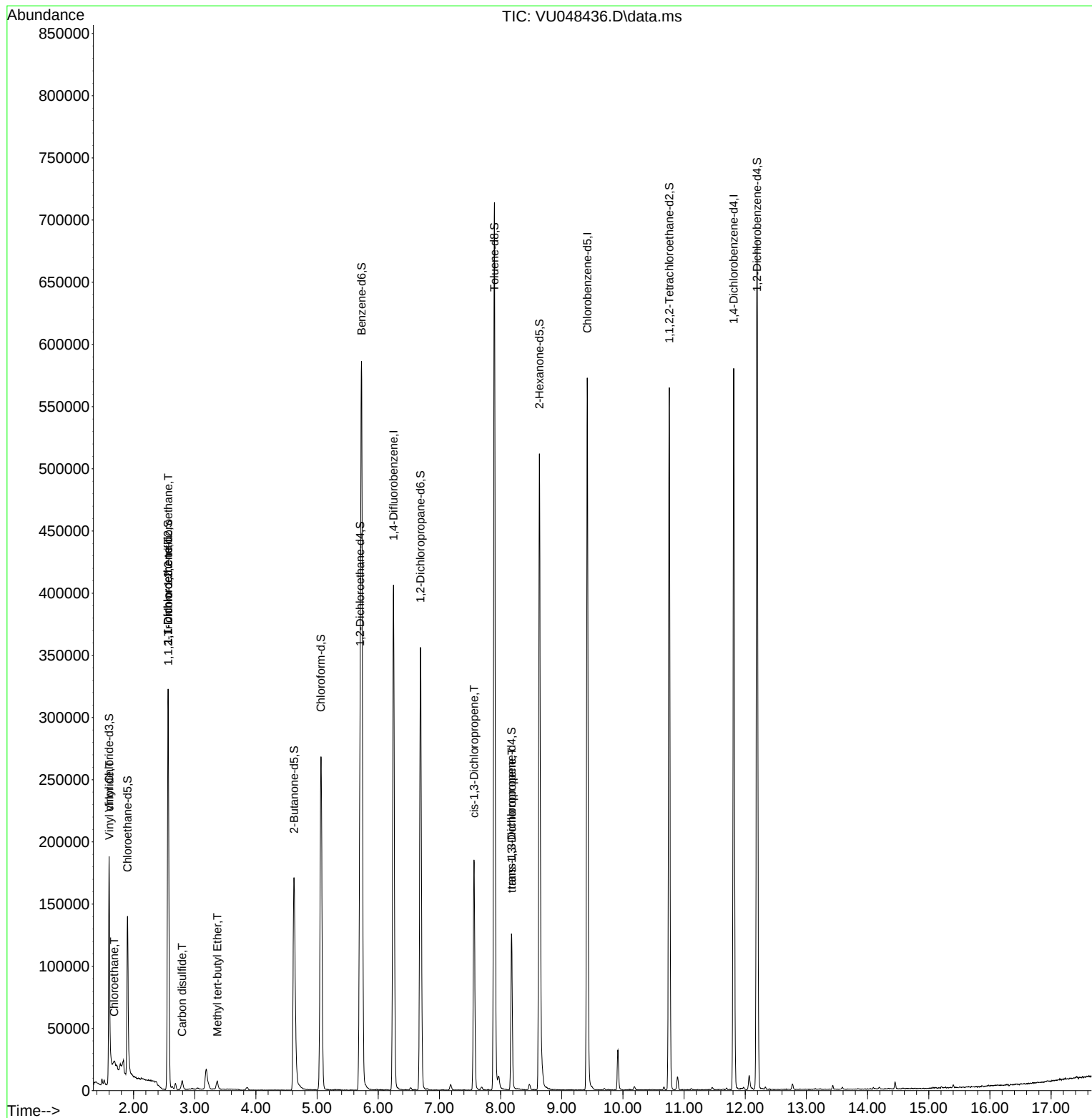
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	356890	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	346501	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	172283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	145824	44.433	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.860%	
7) Chloroethane-d5	1.899	69	116526	50.583	ug/L	-0.01
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.160%	
11) 1,1-Dichloroethene-d2	2.565	63	183592	34.914	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.820%	
21) 2-Butanone-d5	4.623	46	248553	88.797	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.800%	
24) Chloroform-d	5.063	84	261736	43.969	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.940%	
26) 1,2-Dichloroethane-d4	5.703	65	159475	45.152	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.300%	
32) Benzene-d6	5.729	84	571202	52.269	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.540%	
36) 1,2-Dichloropropane-d6	6.690	67	185580	51.366	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.740%	
41) Toluene-d8	7.899	98	498917	50.367	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.740%	
43) trans-1,3-Dichloroprop...	8.179	79	72638	45.564	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.120%	
47) 2-Hexanone-d5	8.635	63	173219	88.865	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	88.870%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	284922	44.966	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.940%	
66) 1,2-Dichlorobenzene-d4	12.195	152	202024	52.128	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.260%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	2746	0.883	ug/L #	1
8) Chloroethane	1.681	64	20990	11.935	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1969	0.732	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1698	0.724	ug/L #	1
14) Carbon disulfide	2.793	76	5911	1.033	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	6933	0.862	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3913	0.953	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	2603	0.649	ug/L	85

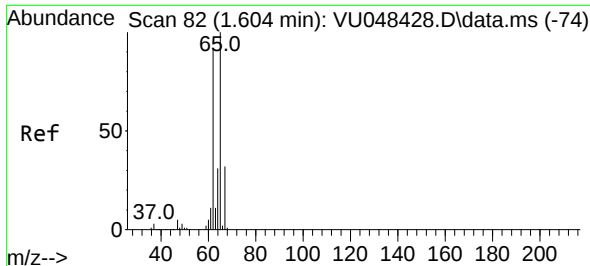
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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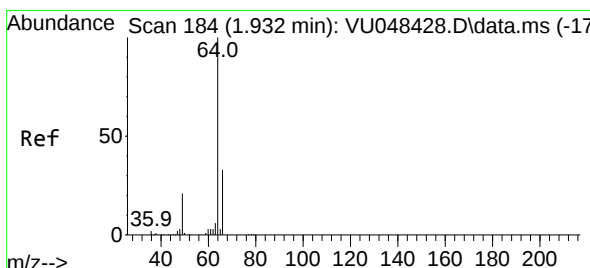
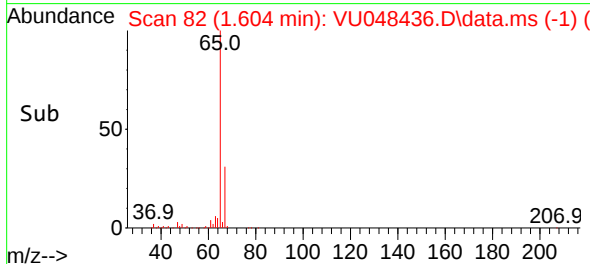
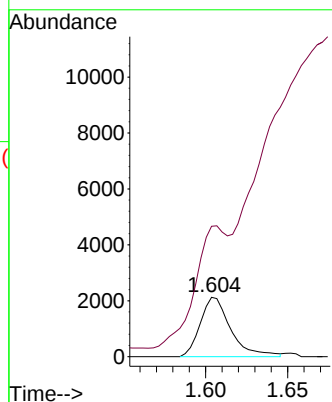
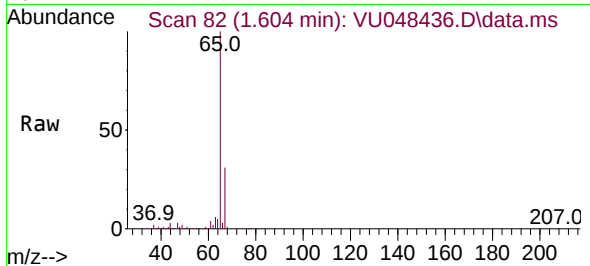




#5
 Vinyl chloride
 Concen: 0.883 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048436.D
 Acq: 05 May 2022 14:46

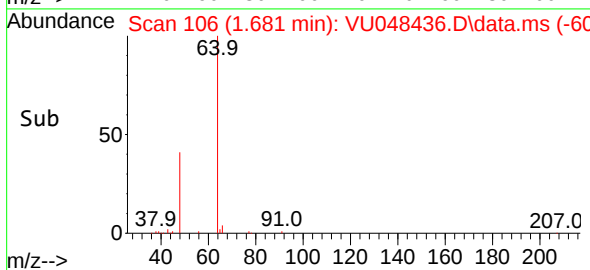
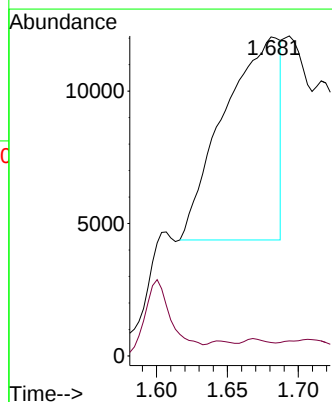
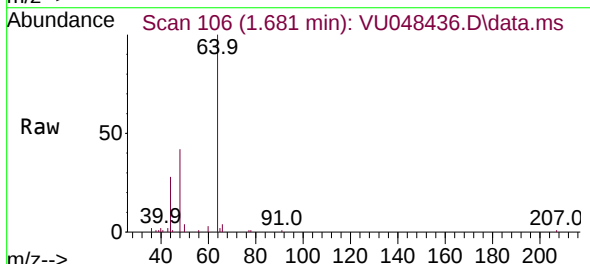
Instrument :
 MSVOA_U
 ClientSampleId :
 EXL83

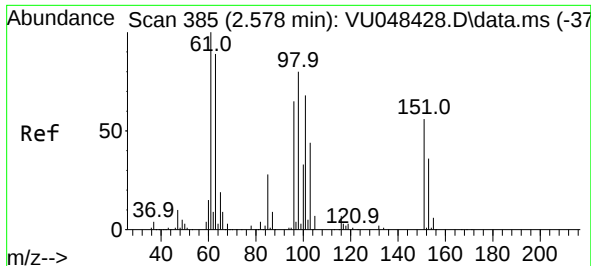
Tgt Ion: 62 Resp: 2746
 Ion Ratio Lower Upper
 62 100
 64 219.7 22.5 41.7#



#8
 Chloroethane
 Concen: 11.935 ug/L
 RT: 1.681 min Scan# 106
 Delta R.T. -0.251 min
 Lab File: VU048436.D
 Acq: 05 May 2022 14:46

Tgt Ion: 64 Resp: 20990
 Ion Ratio Lower Upper
 64 100
 66 4.2 21.9 40.7#





#10

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

Concen: 0.732 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU048436.D

Acq: 05 May 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

EXL83

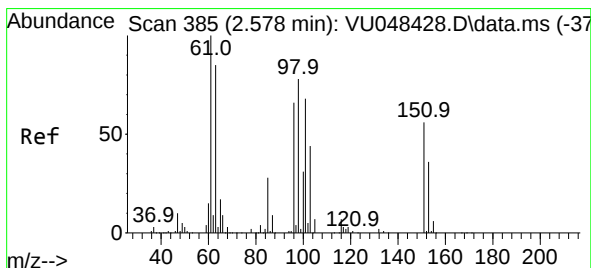
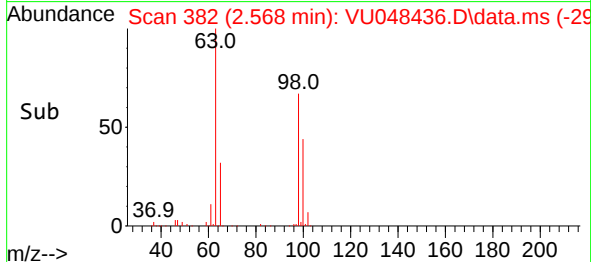
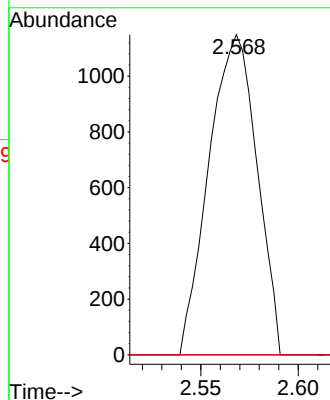
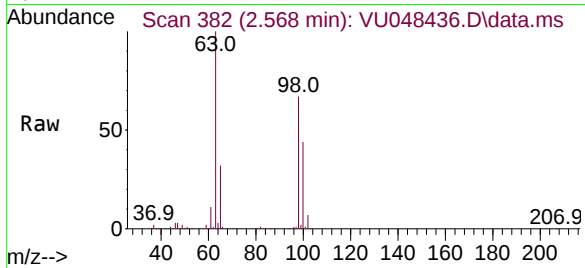
Tgt Ion:101 Resp: 1969

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.724 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU048436.D

Acq: 05 May 2022 14:46

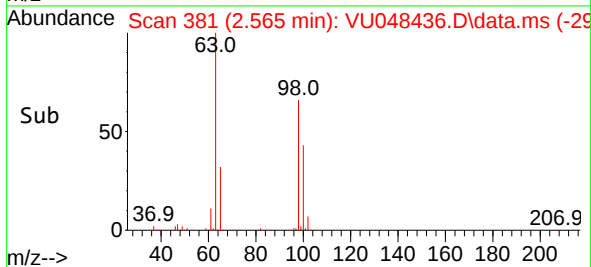
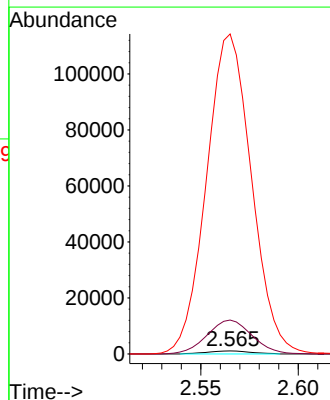
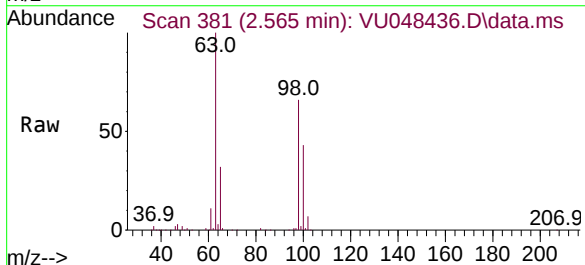
Tgt Ion: 96 Resp: 1698

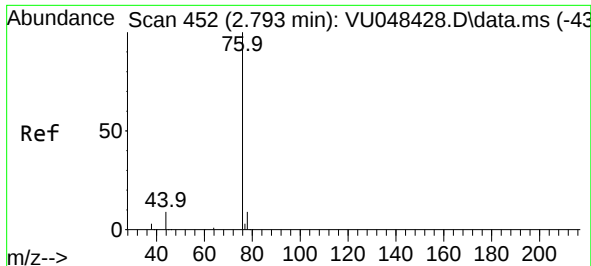
Ion Ratio Lower Upper

96 100

61 1093.9 107.9 200.3#

63 10305.5 80.3 149.1#





#14

Carbon disulfide

Concen: 1.033 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU048436.D

Acq: 05 May 2022 14:46

Instrument :

MSVOA_U

ClientSampleId :

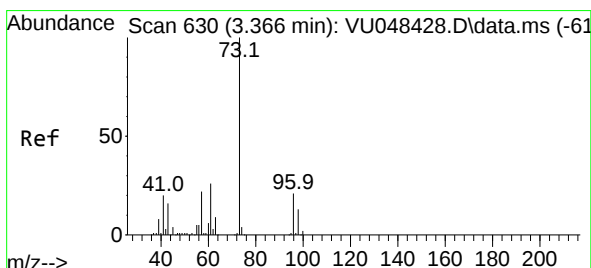
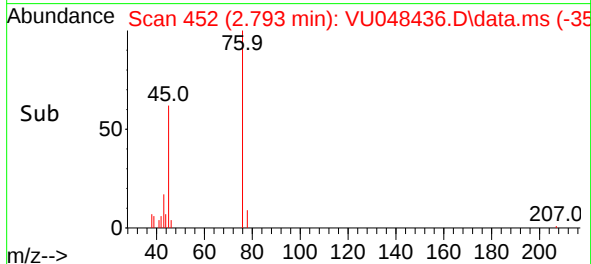
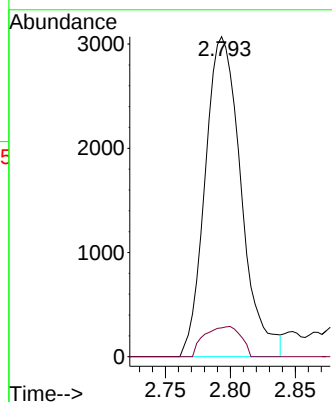
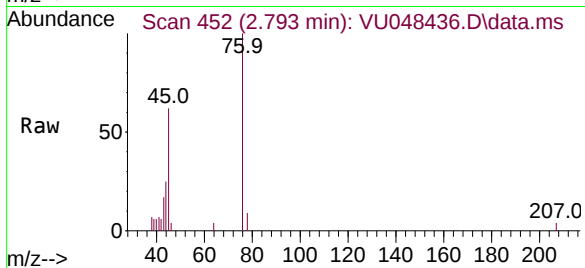
EXL83

Tgt Ion: 76 Resp: 5911

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl tert-butyl Ether

Concen: 0.862 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU048436.D

Acq: 05 May 2022 14:46

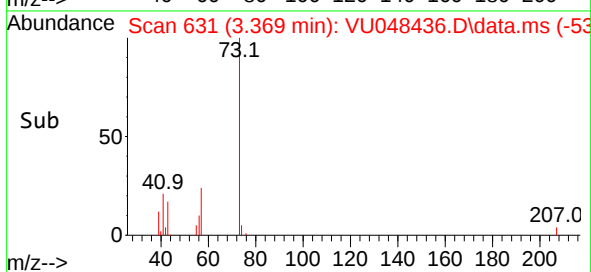
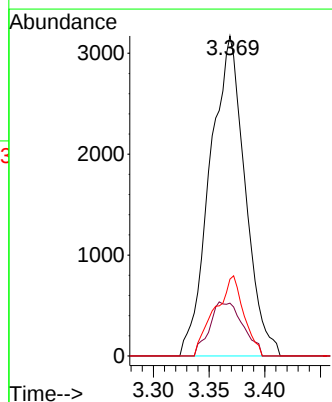
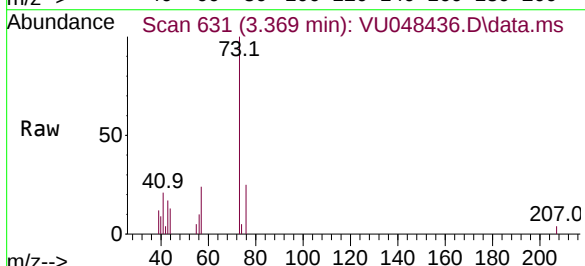
Tgt Ion: 73 Resp: 6933

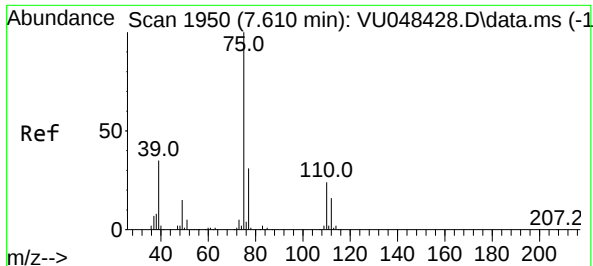
Ion Ratio Lower Upper

73 100

43 8.6 13.8 20.6#

57 20.8 17.9 26.9

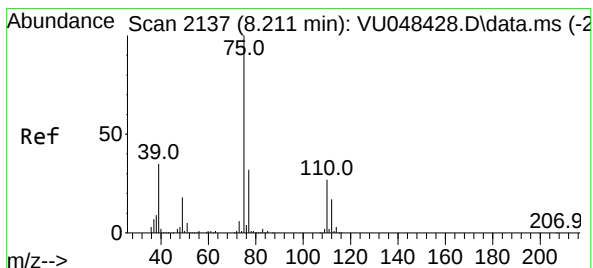
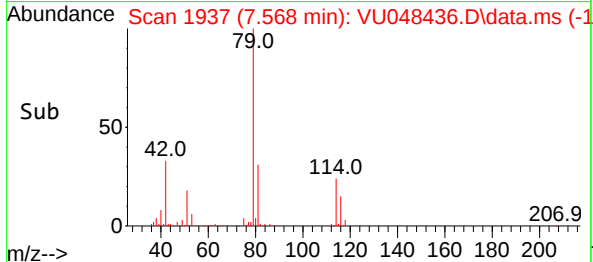
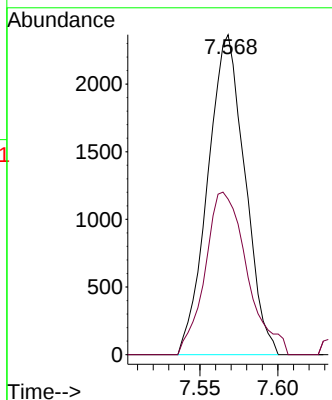
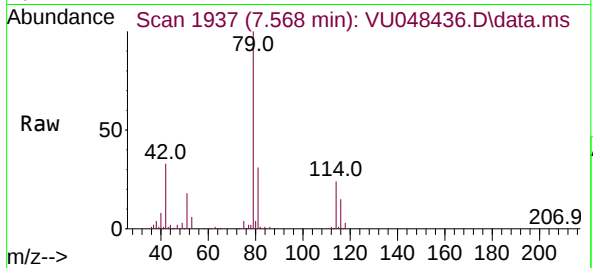




#39
 cis-1,3-Dichloropropene
 Concen: 0.953 ug/L
 RT: 7.568 min Scan# 1950
 Delta R.T. -0.042 min
 Lab File: VU048436.D
 Acq: 05 May 2022 14:46

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL83

Tgt Ion: 75 Resp: 3913
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.649 ug/L
 RT: 8.182 min Scan# 2128
 Delta R.T. -0.029 min
 Lab File: VU048436.D
 Acq: 05 May 2022 14:46

Tgt Ion: 75 Resp: 2603
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.1 41.1

