

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047582.D
 Acq On : 15 Mar 2022 17:06
 Operator : SY/MD
 Sample : N1858-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:48:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

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

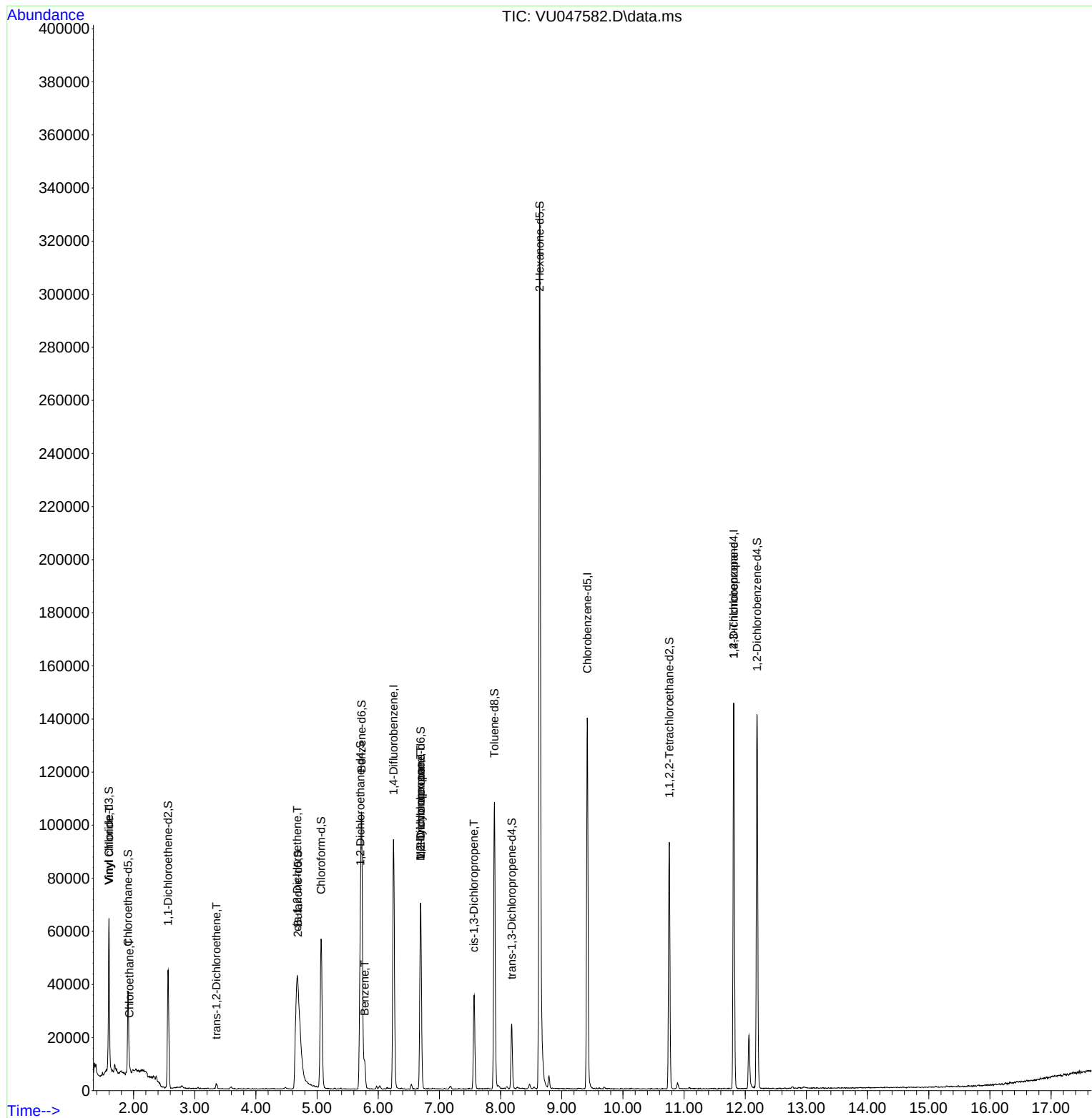
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	21341	3.984	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.600%	
7) Chloroethane-d5	1.909	69	22912	4.713	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.565	65	8159	3.248	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	4.687	46	123754	80.290	ug/L	0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	160.580%#	
24) Chloroform-d	5.067	84	53440	4.543	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.706	65	34462	5.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.729	84	94339	3.844	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
36) 1,2-Dichloropropane-d6	6.694	67	33827	4.382	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.899	98	77236	3.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.200%#	
43) trans-1,3-Dichloroprop...	8.182	79	14014	4.319	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.639	63	125579	74.653	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	149.300%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45746	5.935	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	40717	4.797	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	20362	3.995	ug/L	95
8) Chloroethane	1.932	64	502	0.163	ug/L #	68
18) trans-1,2-Dichloroethene	3.353	96	855	0.195	ug/L	85
22) cis-1,2-Dichloroethene	4.674	96	5932	1.219	ug/L	94
33) Benzene	5.777	78	9962	0.523	ug/L	100
35) Methylcyclohexane	6.690	83	8049	1.108	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	3465	0.710	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1046	0.138	ug/L #	67
61) 1,2,3-Trichloropropane	11.812	75	4430	1.300	ug/L #	61

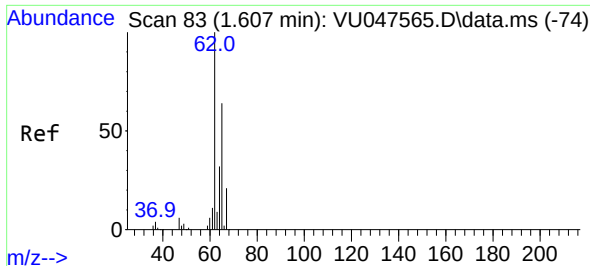
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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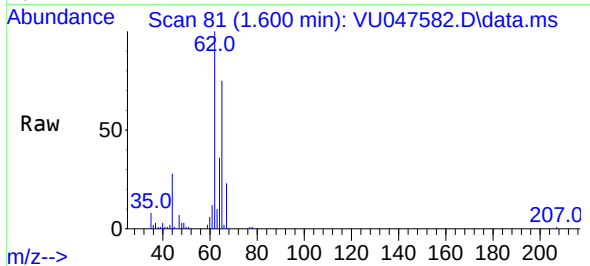
Quant Time: Mar 16 06:48:02 2022
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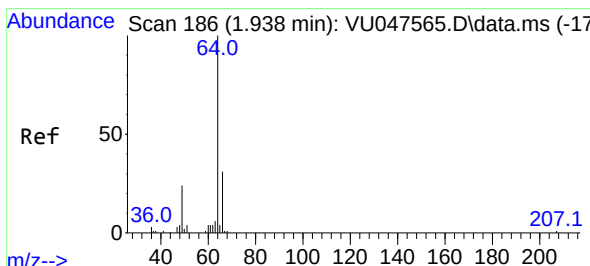
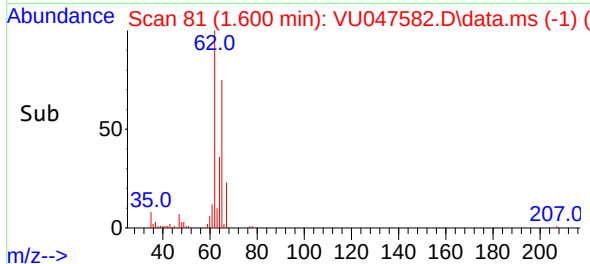
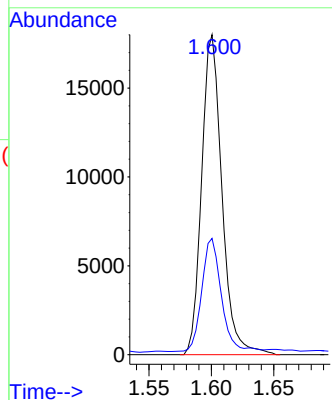


#5
 Vinyl chloride
 Concen: 3.995 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VU047582.D
 Acq: 15 Mar 2022 17:06

Instrument :
 MSVOA_U
 ClientSampleId :

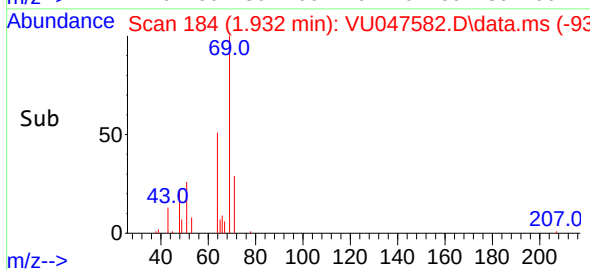
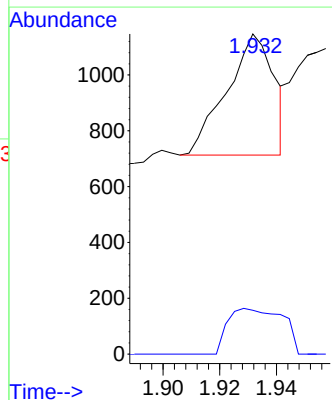
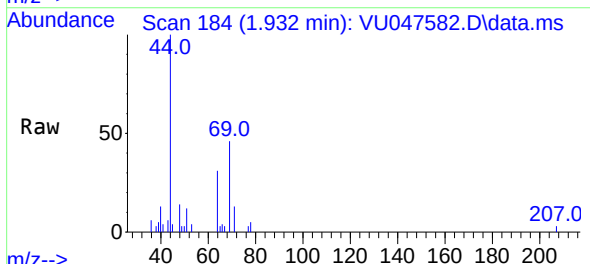


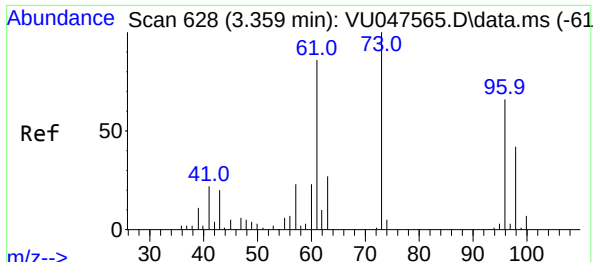
Tgt Ion: 62 Resp: 20362
 Ion Ratio Lower Upper
 62 100
 64 36.4 23.5 43.7



#8
 Chloroethane
 Concen: 0.163 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.006 min
 Lab File: VU047582.D
 Acq: 15 Mar 2022 17:06

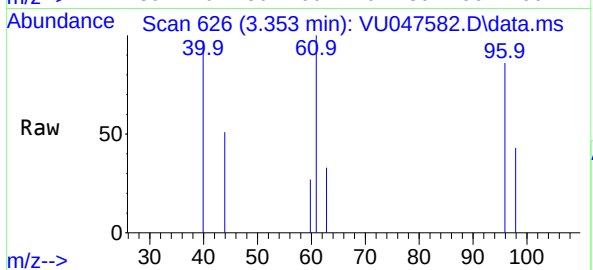
Tgt Ion: 64 Resp: 502
 Ion Ratio Lower Upper
 64 100
 66 13.7 22.0 40.8#





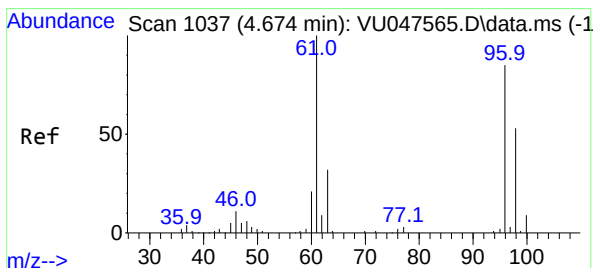
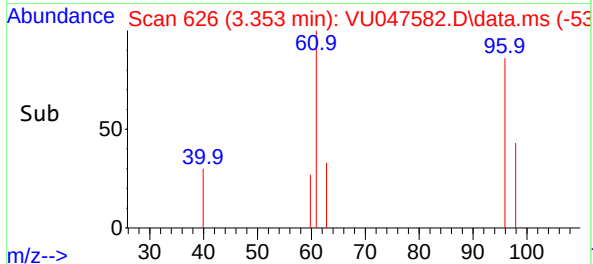
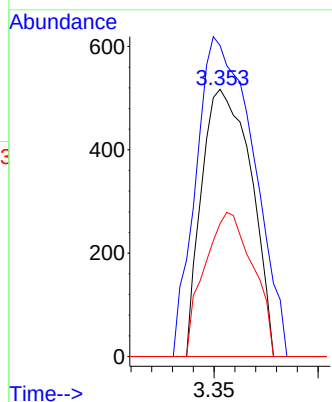
#18
trans-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU047582.D
Acq: 15 Mar 2022 17:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 855

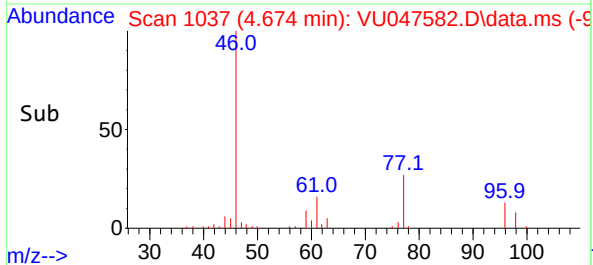
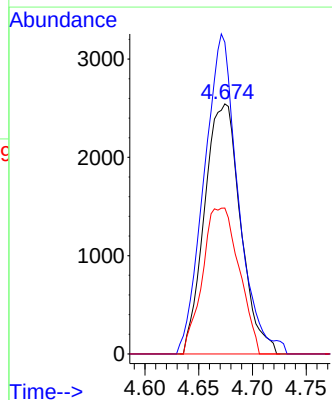
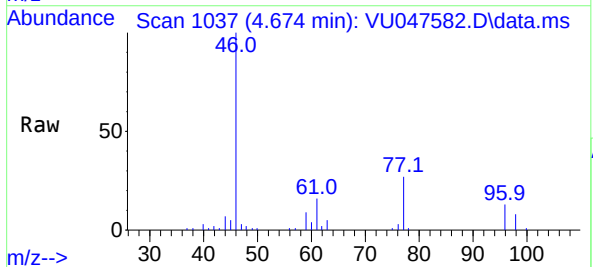
Ion	Ratio	Lower	Upper
96	100		
61	116.4	91.7	170.3
98	49.7	45.1	83.7

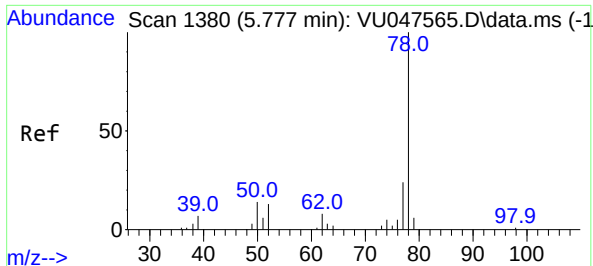


#22
cis-1,2-Dichloroethene
Concen: 1.219 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047582.D
Acq: 15 Mar 2022 17:06

Tgt Ion: 96 Resp: 5932

Ion	Ratio	Lower	Upper
96	100		
61	124.7	83.9	155.7
98	58.3	46.4	86.2

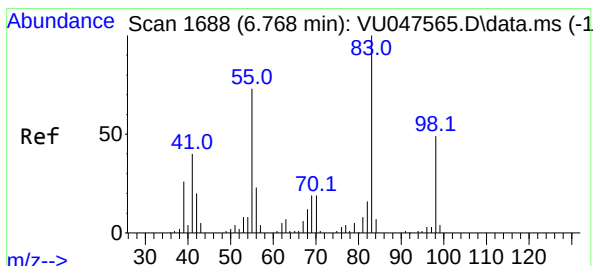
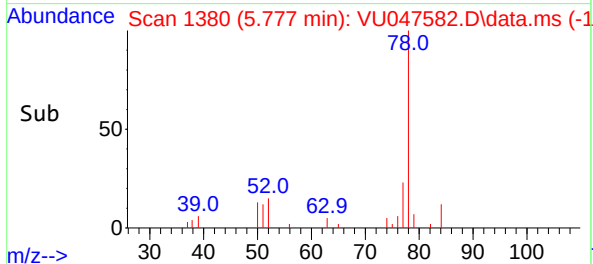
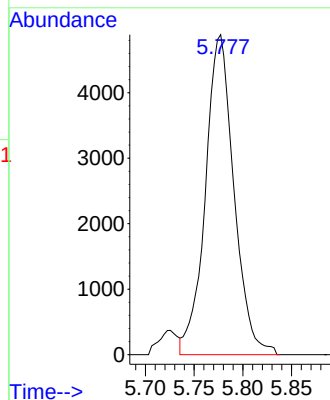
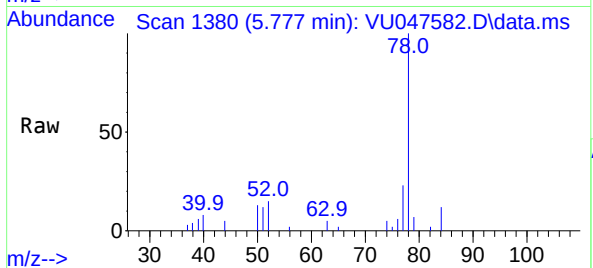




#33
Benzene
Concen: 0.523 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047582.D
Acq: 15 Mar 2022 17:06

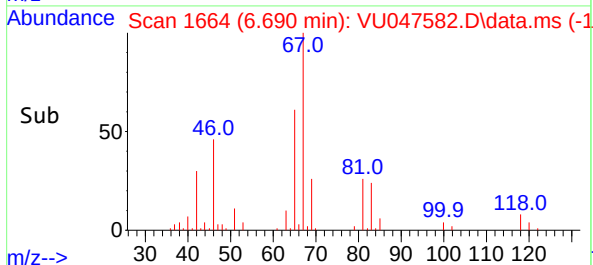
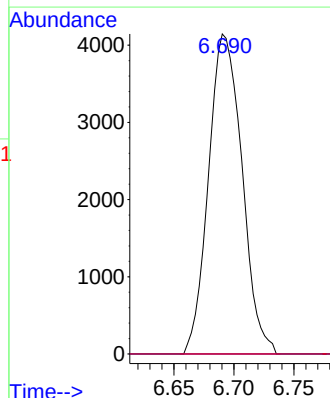
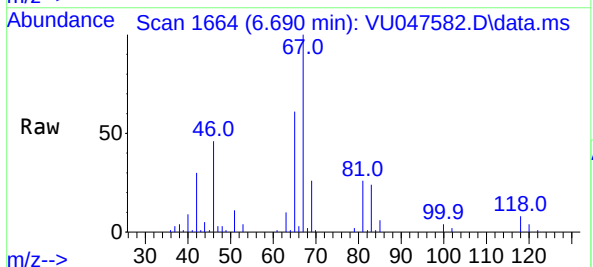
Instrument :
MSVOA_U
ClientSampleId :

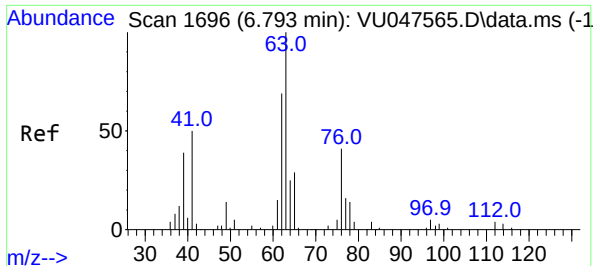
Tgt Ion: 78 Resp: 9962



#35
Methylcyclohexane
Concen: 1.108 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU047582.D
Acq: 15 Mar 2022 17:06

Tgt Ion: 83 Resp: 8049
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.0 37.5 56.3#

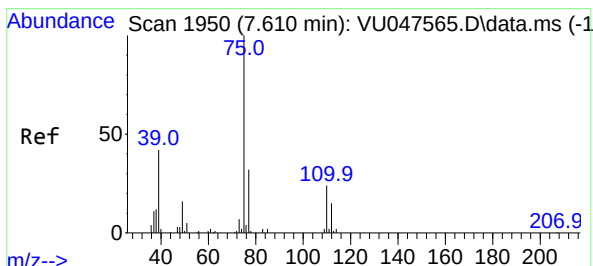
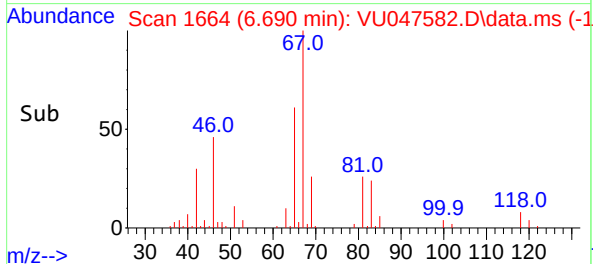
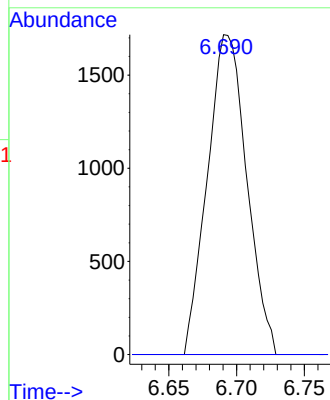
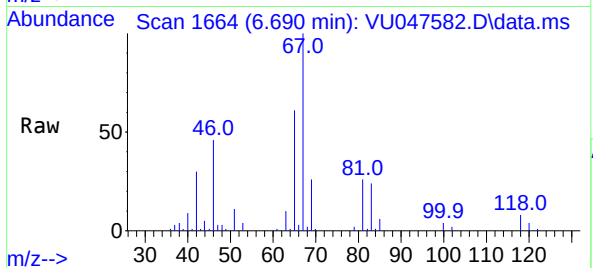




#37
1,2-Dichloropropane
Concen: 0.710 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU047582.D
Acq: 15 Mar 2022 17:06

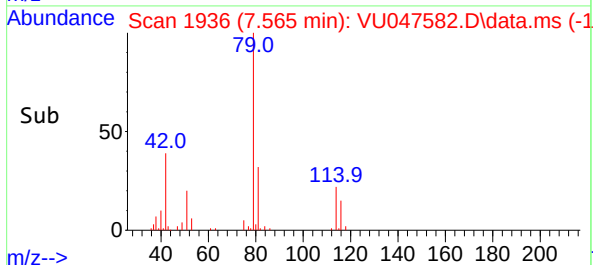
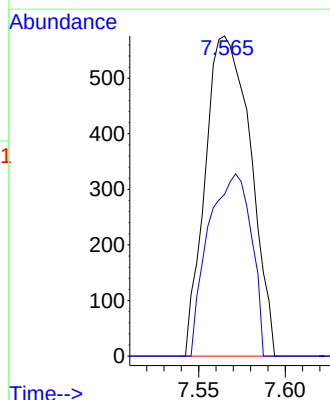
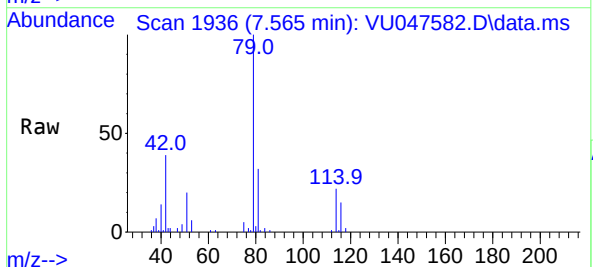
Instrument :
MSVOA_U
ClientSampleId :

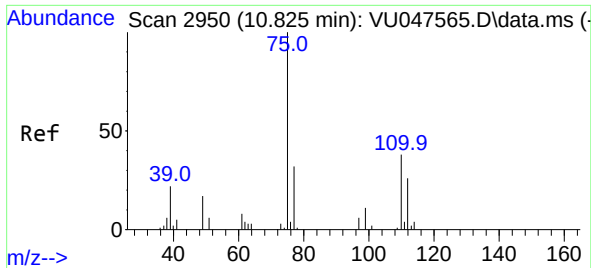
Tgt Ion: 63 Resp: 3465
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.138 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU047582.D
Acq: 15 Mar 2022 17:06

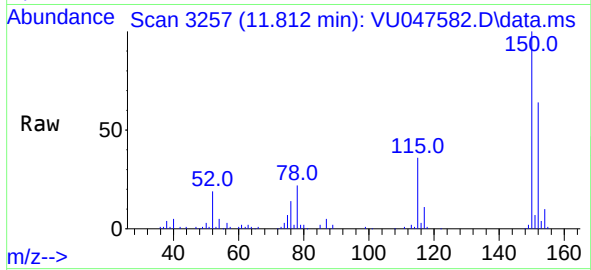
Tgt Ion: 75 Resp: 1046
Ion Ratio Lower Upper
75 100
77 50.5 22.6 42.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.300 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047582.D
 Acq: 15 Mar 2022 17:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4430
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.2 45.4#
 77 26.9 26.6 39.8

