

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049995.D
 Acq On : 28 Jul 2022 19:15
 Operator : SY/MD
 Sample : N3922-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C96

Quant Time: Jul 29 02:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

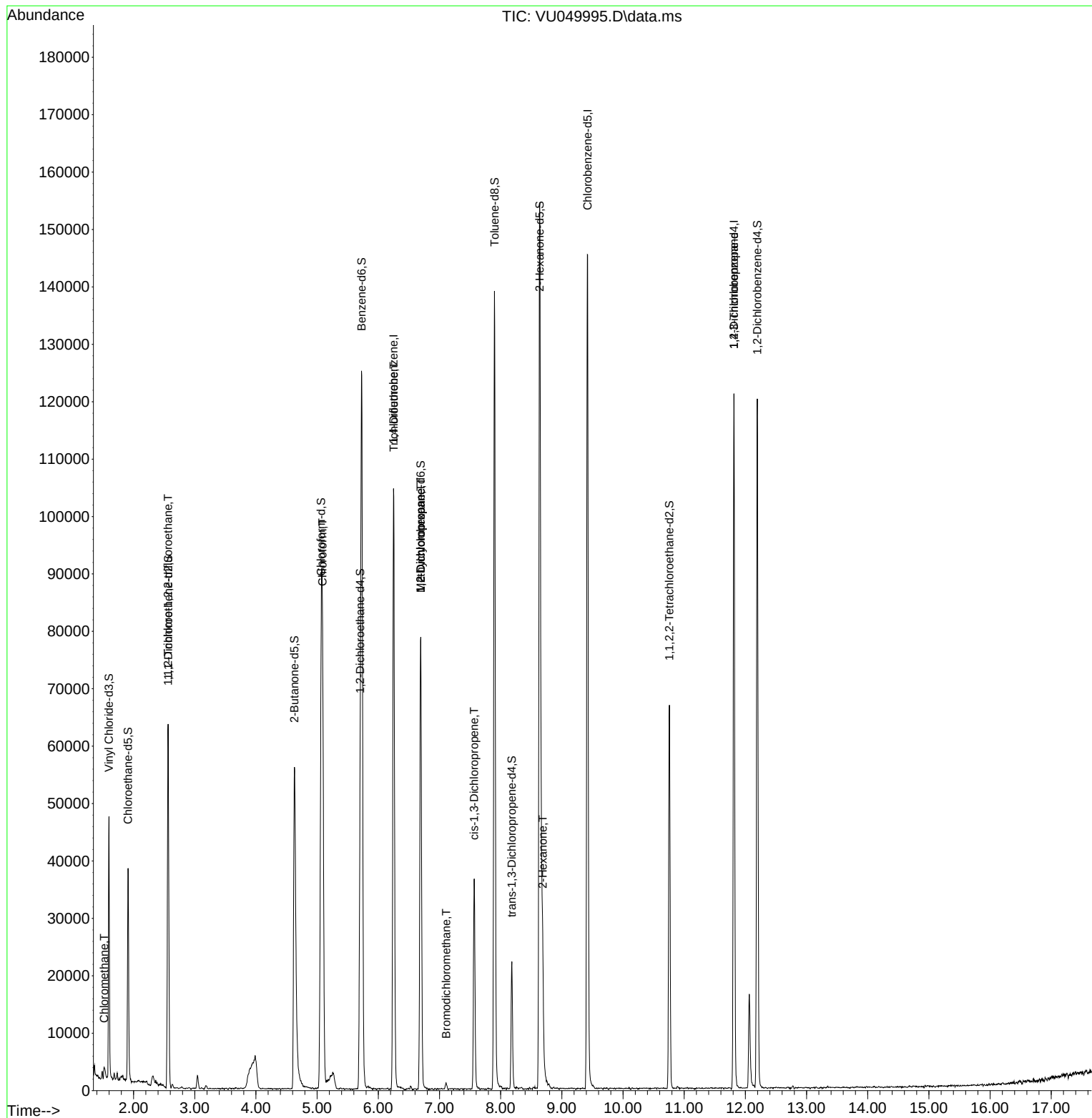
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32031	4.291	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.909	69	27909	5.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.565	65	11726	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.629	46	86037	51.772	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.540%	
24) Chloroform-d	5.067	84	63722	5.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.703	65	31309	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.729	84	120554	4.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.694	67	41408	4.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.899	98	98662	4.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.182	79	13374	4.533	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.636	63	49008	44.374	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.740%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35050	4.956	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33481	5.237	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2304	0.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	283	0.055	ug/L #	21
25) Chloroform	5.089	83	60967	5.028	ug/L	95
34) Trichloroethene	6.253	95	1543	0.250	ug/L #	5
35) Methylcyclohexane	6.694	83	9099	1.118	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3906	0.558	ug/L #	88
38) Bromodichloromethane	7.108	83	1100	0.130	ug/L #	92
39) cis-1,3-Dichloropropene	7.565	75	887	0.098	ug/L #	73
48) 2-Hexanone	8.687	43	14113	4.581	ug/L #	86
61) 1,2,3-Trichloropropane	11.812	75	4113	1.028	ug/L #	67

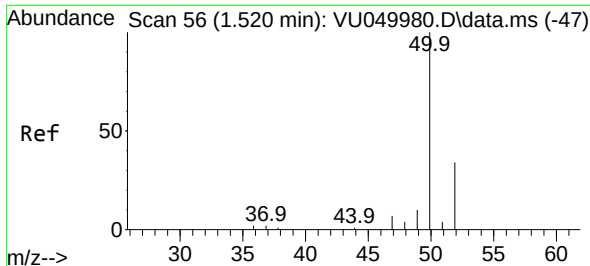
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU049995.D
Acq On : 28 Jul 2022 19:15
Operator : SY/MD
Sample : N3922-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C96

Quant Time: Jul 29 02:39:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 02:27:55 2022
Response via : Initial Calibration

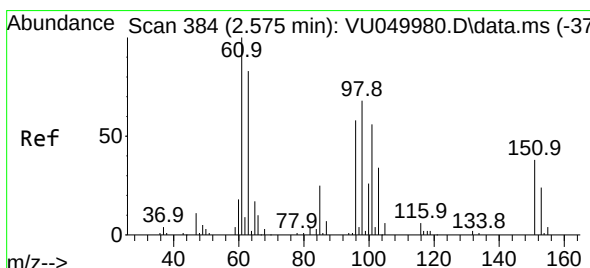
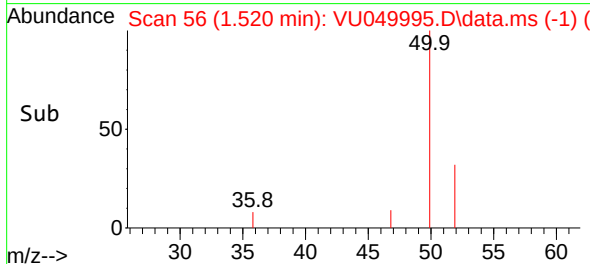
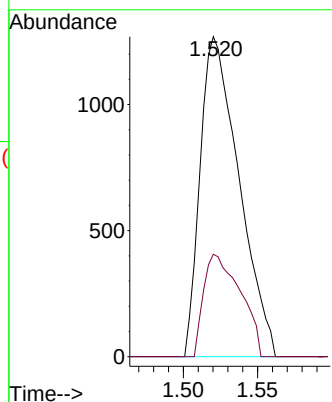
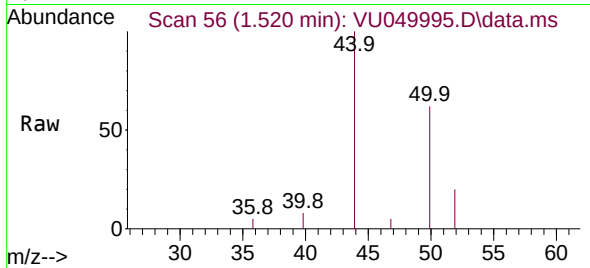




#3
Chloromethane
Concen: 0.290 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049995.D
Acq: 28 Jul 2022 19:15

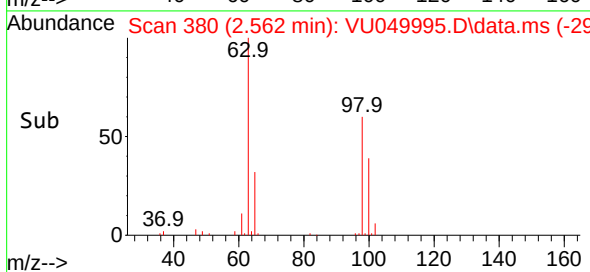
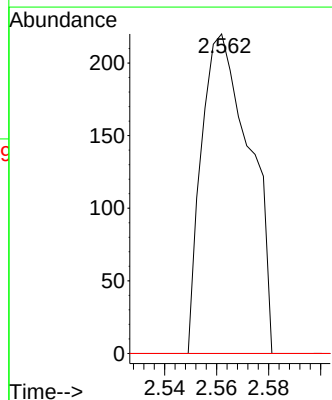
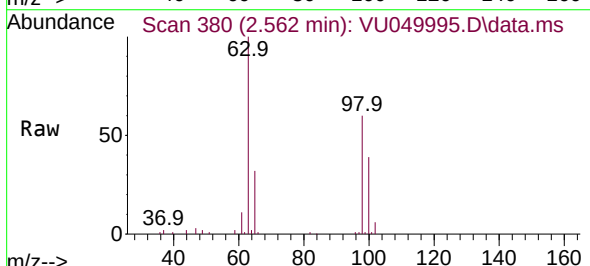
Instrument :
MSVOA_U
ClientSampleId :
C0C96

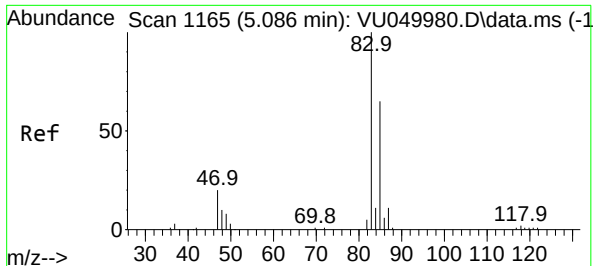
Tgt Ion: 50 Resp: 2304
Ion Ratio Lower Upper
50 100
52 32.0 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049995.D
Acq: 28 Jul 2022 19:15

Tgt Ion: 101 Resp: 283
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#25

Chloroform

Concen: 5.028 ug/L

RT: 5.089 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049995.D

Acq: 28 Jul 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

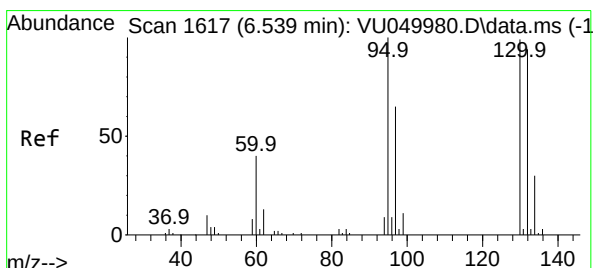
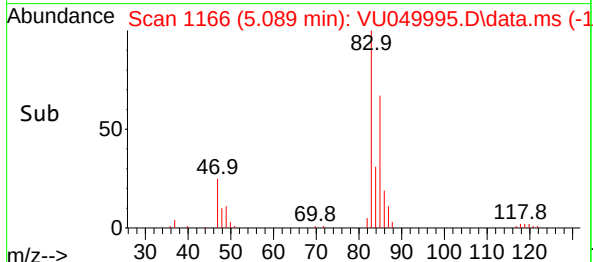
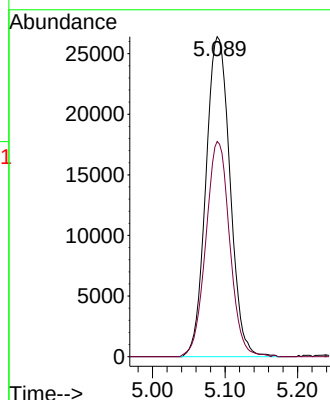
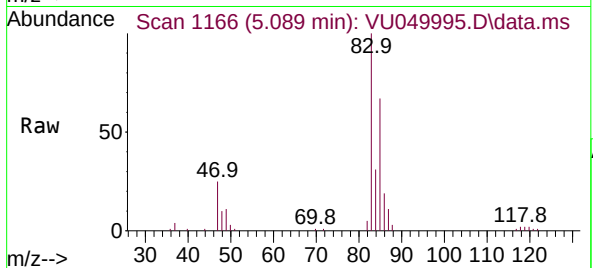
C0C96

Tgt Ion: 83 Resp: 60967

Ion Ratio Lower Upper

83 100

85 67.2 44.4 82.4



#34

Trichloroethene

Concen: 0.250 ug/L

RT: 6.253 min Scan# 1528

Delta R.T. -0.286 min

Lab File: VU049995.D

Acq: 28 Jul 2022 19:15

Tgt Ion: 95 Resp: 1543

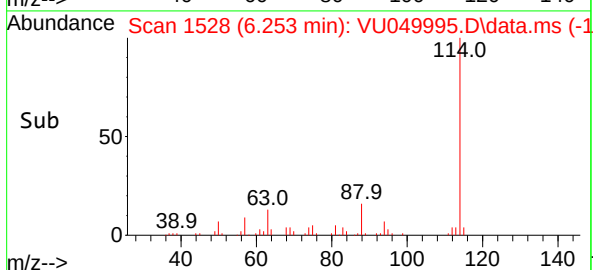
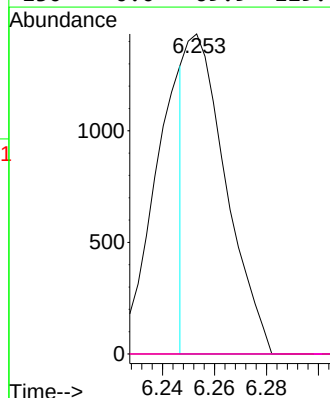
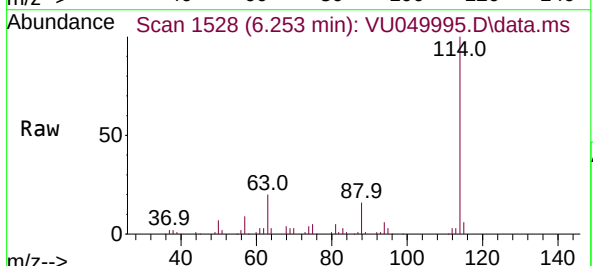
Ion Ratio Lower Upper

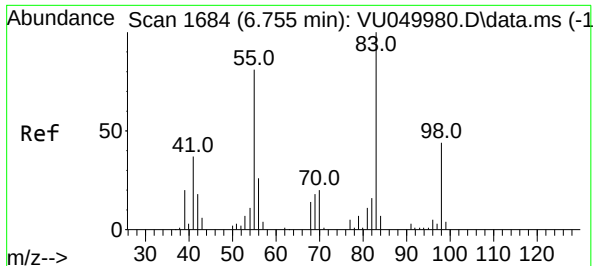
95 100

97 0.0 45.6 84.8#

132 0.0 66.8 124.2#

130 0.0 69.9 129.7#





#35

Methylcyclohexane

Concen: 1.118 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.061 min

Lab File: VU049995.D

Acq: 28 Jul 2022 19:15

Instrument :

MSVOA_U

ClientSampleId :

C0C96

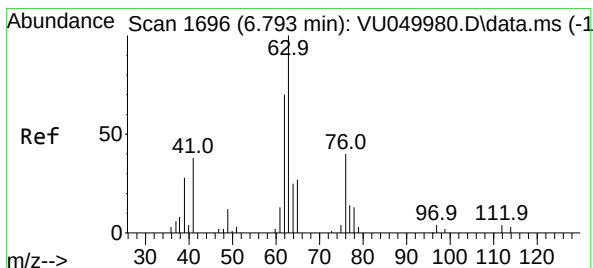
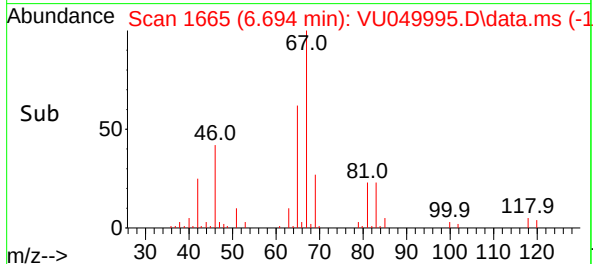
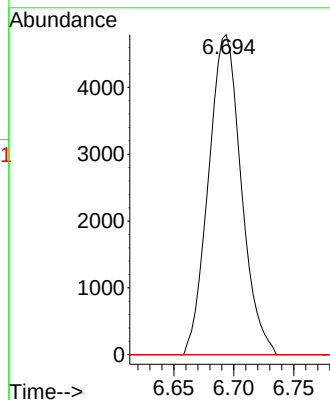
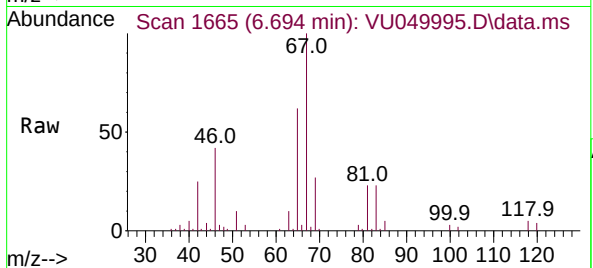
Tgt Ion: 83 Resp: 9099

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.099 min

Lab File: VU049995.D

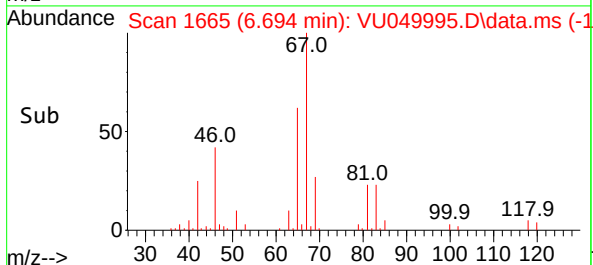
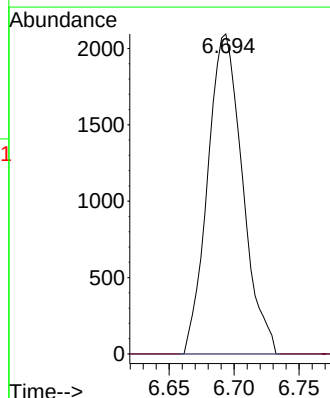
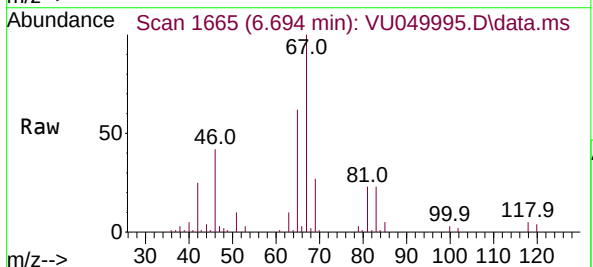
Acq: 28 Jul 2022 19:15

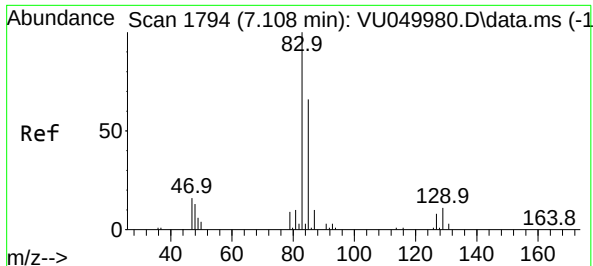
Tgt Ion: 63 Resp: 3906

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

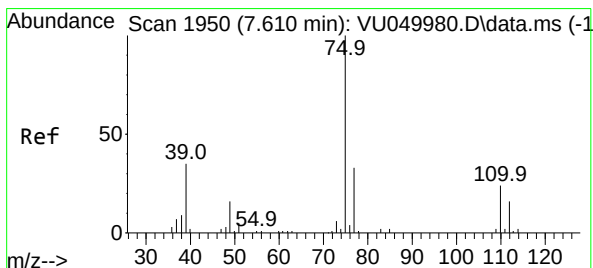
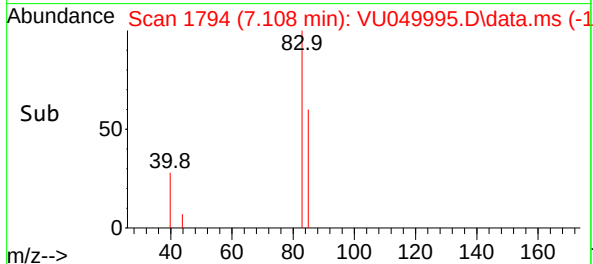
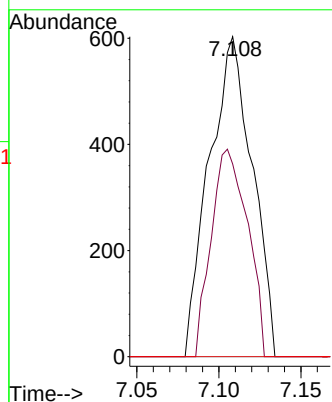
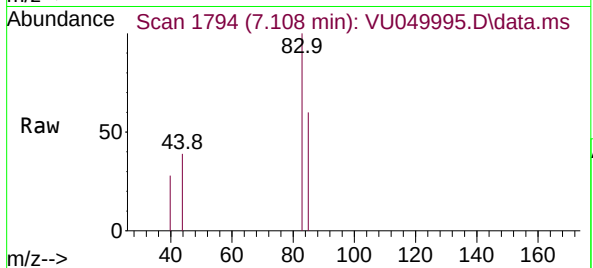




#38
Bromodichloromethane
Concen: 0.130 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049995.D
Acq: 28 Jul 2022 19:15

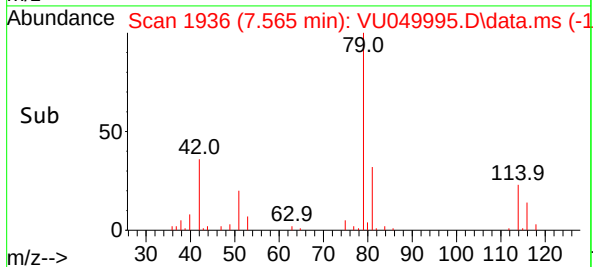
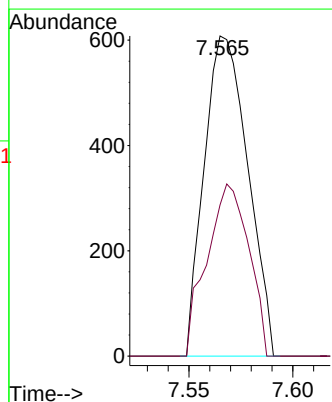
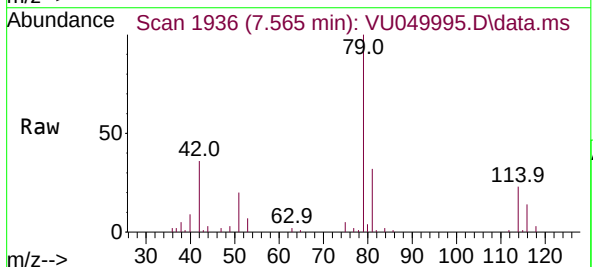
Instrument :
MSVOA_U
ClientSampleId :
C0C96

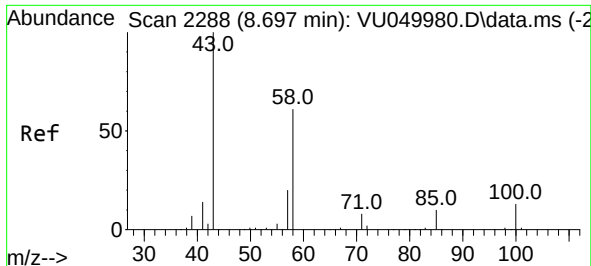
Tgt Ion: 83 Resp: 1100
Ion Ratio Lower Upper
83 100
85 60.2 44.9 83.5
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049995.D
Acq: 28 Jul 2022 19:15

Tgt Ion: 75 Resp: 887
Ion Ratio Lower Upper
75 100
77 47.2 22.5 41.9#

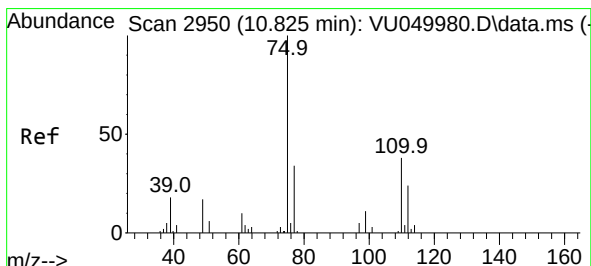
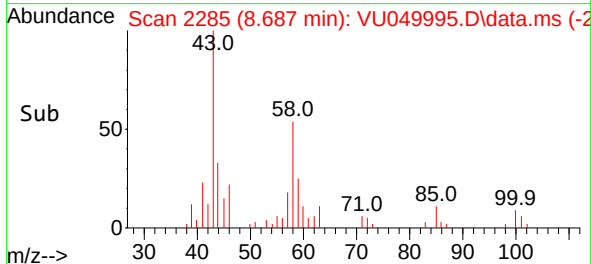
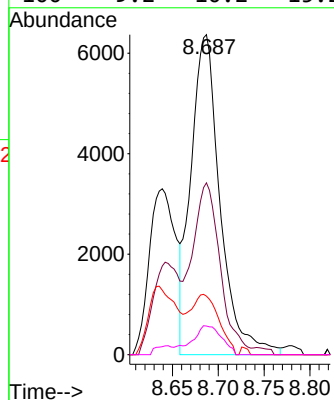
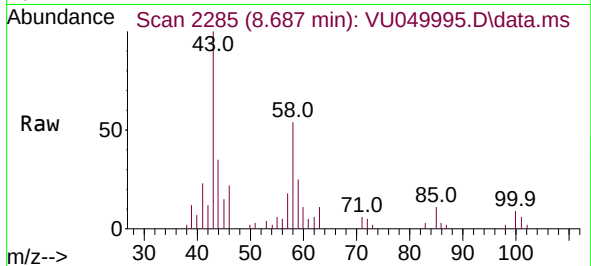




#48
2-Hexanone
Concen: 4.581 ug/L
RT: 8.687 min Scan# 2113
Delta R.T. -0.009 min
Lab File: VU049995.D
Acq: 28 Jul 2022 19:15

Instrument :
MSVOA_U
ClientSampleId :
C0C96

Tgt Ion: 43	Resp: 14113
Ion Ratio	Lower Upper
43 100	
58 48.1	49.4 74.0#
57 17.7	17.0 25.4
100 9.2	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.028 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU049995.D
Acq: 28 Jul 2022 19:15

Tgt Ion: 75	Resp: 4113
Ion Ratio	Lower Upper
75 100	
110 0.0	28.1 42.1#
77 29.3	24.7 37.1

