

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045860.D
 Acq On : 18 Nov 2021 11:31
 Operator : SY/MD
 Sample : M4686-11DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:52:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

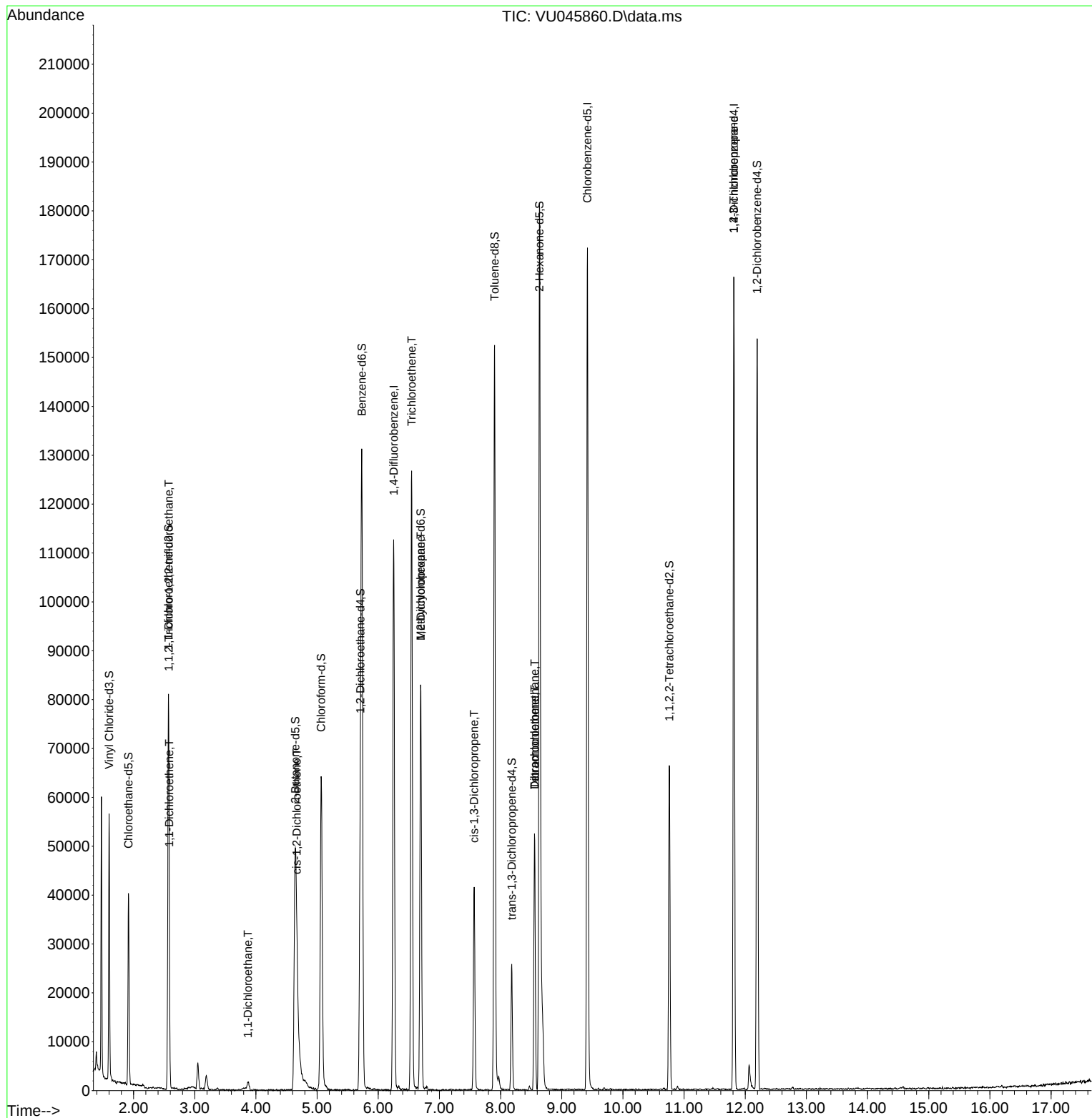
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37207	5.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.200%
7) Chloroethane-d5	1.916	69	28254	5.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.571	65	15391	5.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.645	46	99977	51.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	5.066	84	59266	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.706	65	34549	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.732	84	121910	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.693	67	38674	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.902	98	102846	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.182	79	14874	4.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.635	63	64440	42.211	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33593	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	39168	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	369	0.061	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	1094	0.192	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	2055	0.180	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	1599	0.242	ug/L	83
34) Trichloroethene	6.546	95	42945	6.203	ug/L	99
35) Methylcyclohexane	6.693	83	8914	0.838	ug/L #	26
39) cis-1,3-Dichloropropene	7.568	75	989	0.098	ug/L	89
47) Tetrachloroethene	8.555	164	11162	2.303	ug/L	98
49) Dibromochloromethane	8.555	129	11157	1.866	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5597	1.216	ug/L #	64

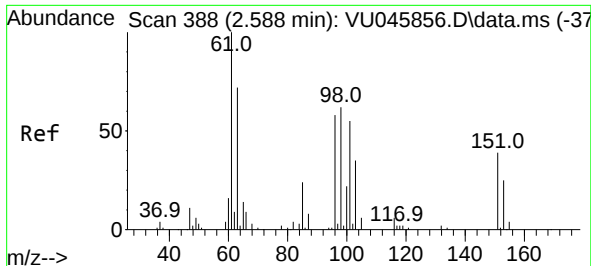
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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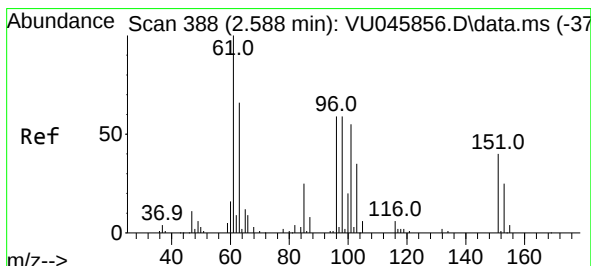
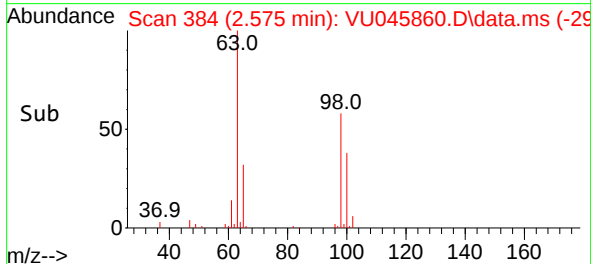
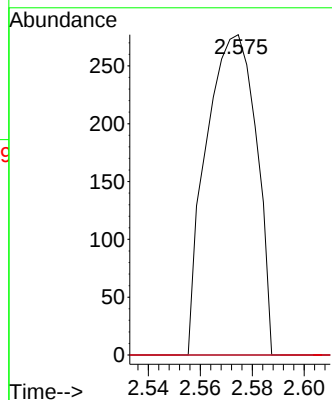
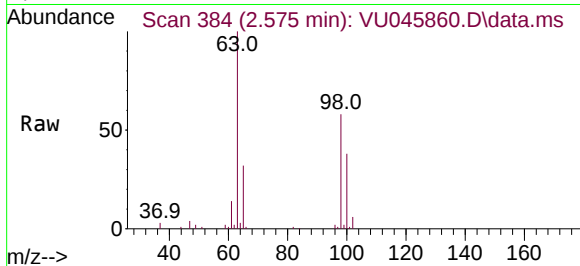




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU045860.D
Acq: 18 Nov 2021 11:31

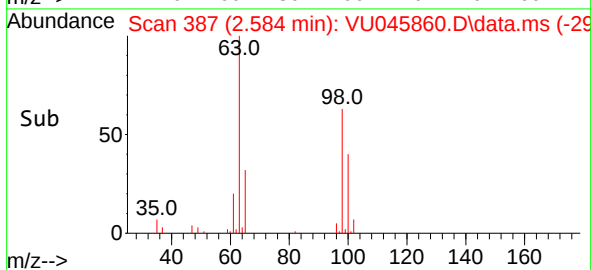
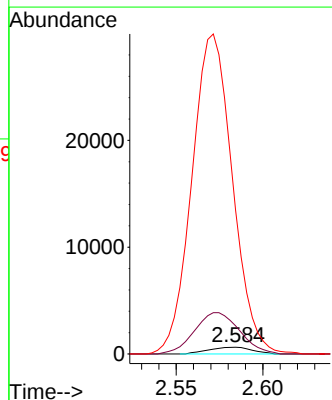
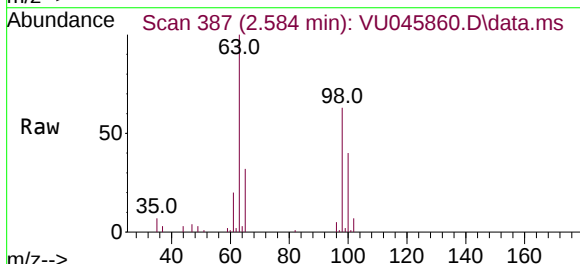
Instrument :
MSVOA_U
ClientSampleId :

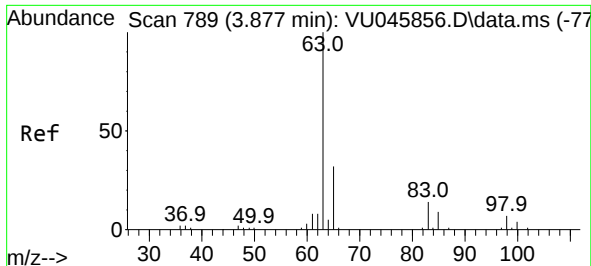
Tgt Ion:101 Resp: 369
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.192 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045860.D
Acq: 18 Nov 2021 11:31

Tgt Ion: 96 Resp: 1094
Ion Ratio Lower Upper
96 100
61 420.6 124.7 231.5#
63 2150.1 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.180 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.006 min

Lab File: VU045860.D

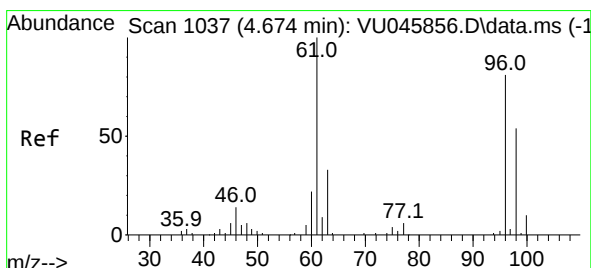
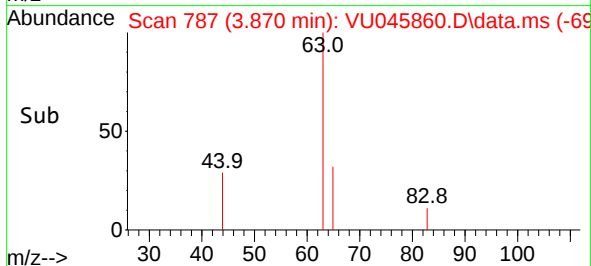
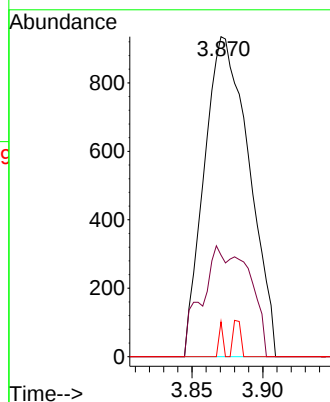
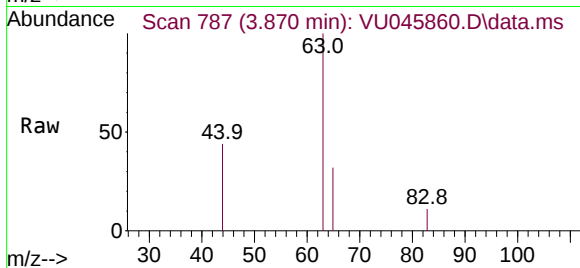
Acq: 18 Nov 2021 11:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	2055
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	10.9	9.6	17.8



#22

cis-1,2-Dichloroethene

Concen: 0.242 ug/L

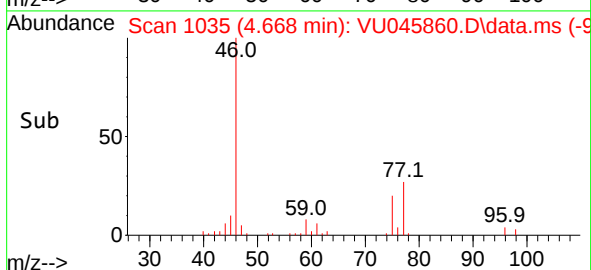
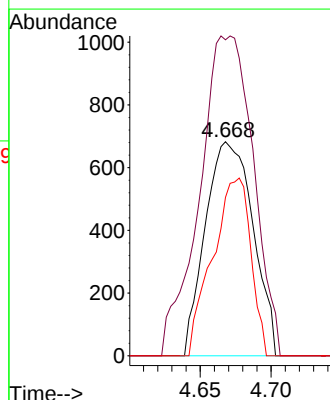
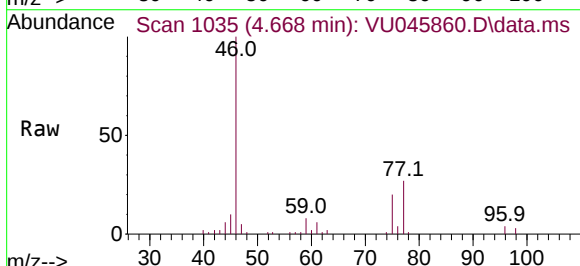
RT: 4.668 min Scan# 1035

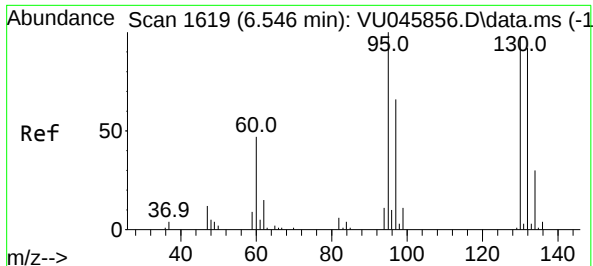
Delta R.T. -0.006 min

Lab File: VU045860.D

Acq: 18 Nov 2021 11:31

Tgt Ion:	96	Resp:	1599
Ion	Ratio	Lower	Upper
96	100		
61	147.6	88.5	164.3
98	73.9	44.4	82.5

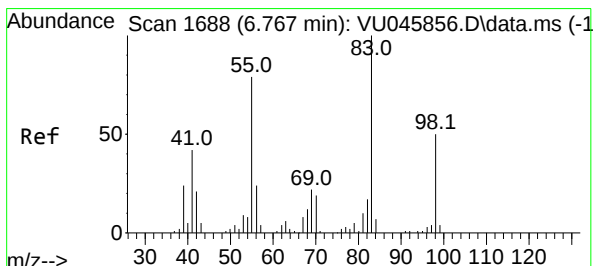
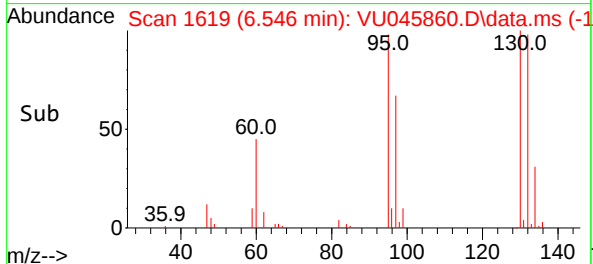
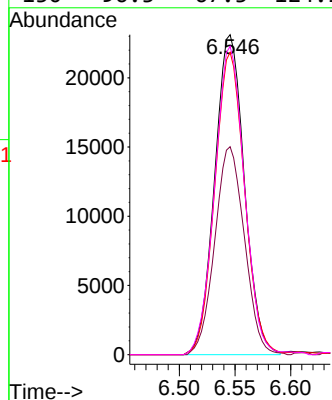
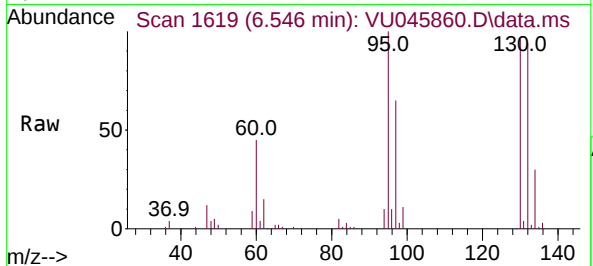




#34
Trichloroethene
Concen: 6.203 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045860.D
Acq: 18 Nov 2021 11:31

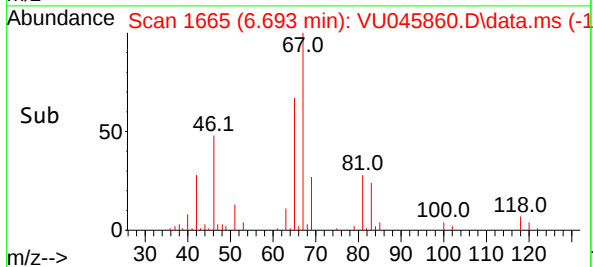
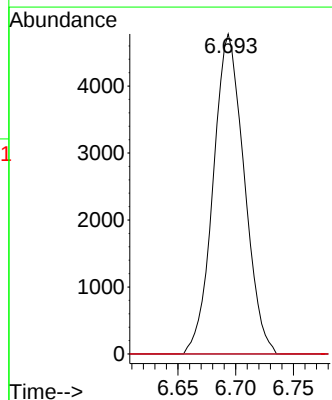
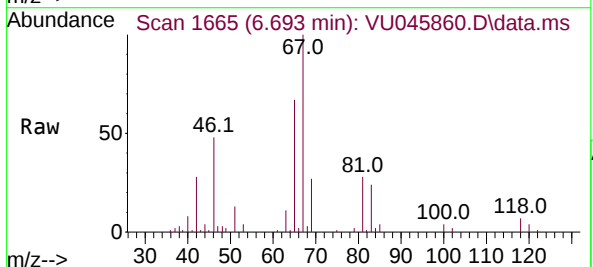
Instrument :
MSVOA_U
ClientSampleId :

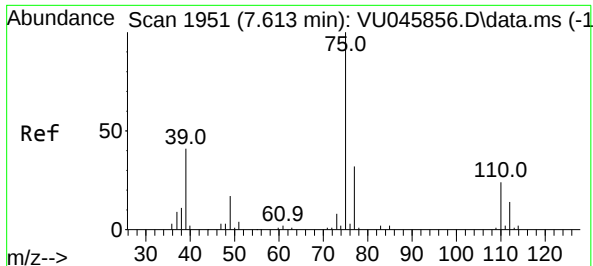
Tgt Ion: 95 Resp: 42945
Ion Ratio Lower Upper
95 100
97 65.0 46.5 86.5
132 94.5 65.1 120.9
130 96.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045860.D
Acq: 18 Nov 2021 11:31

Tgt Ion: 83 Resp: 8914
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 15.3 39.0 58.6#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU045860.D

Acq: 18 Nov 2021 11:31

Instrument :

MSVOA_U

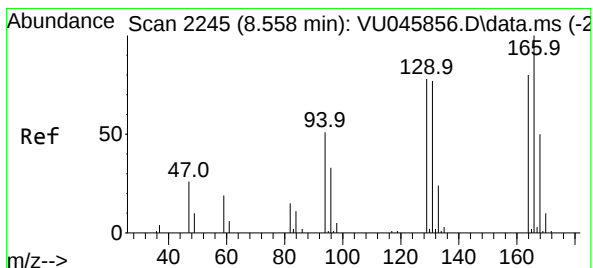
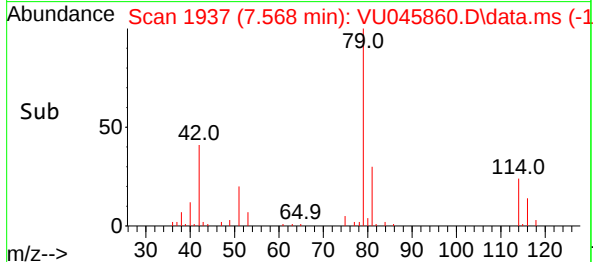
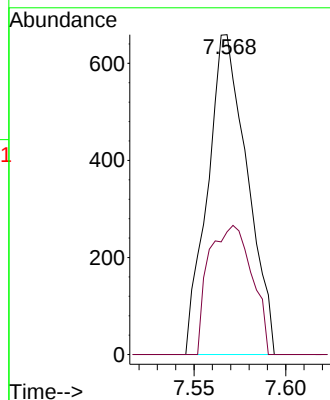
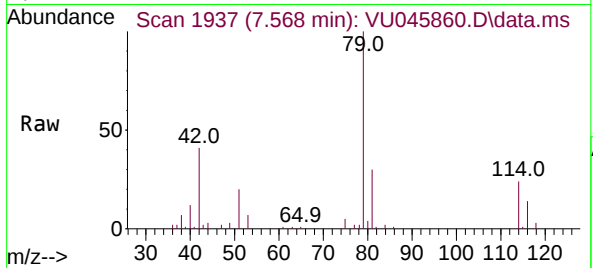
ClientSampleId :

Tgt Ion: 75 Resp: 989

Ion Ratio Lower Upper

75 100

77 38.4 22.5 41.9



#47

Tetrachloroethene

Concen: 2.303 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU045860.D

Acq: 18 Nov 2021 11:31

Tgt Ion: 164 Resp: 11162

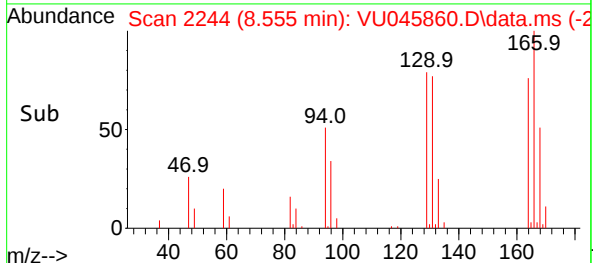
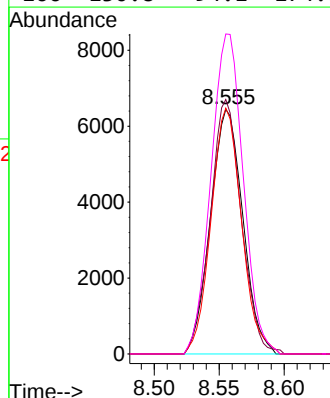
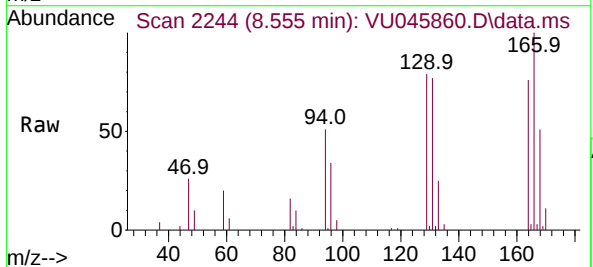
Ion Ratio Lower Upper

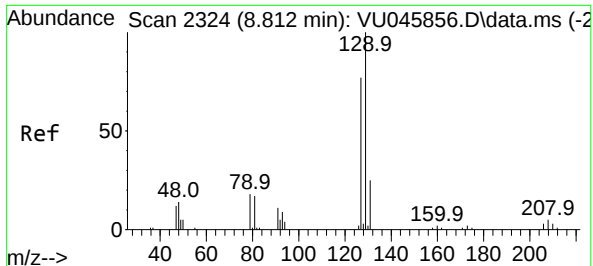
164 100

129 104.0 71.8 133.4

131 100.4 68.5 127.3

166 130.8 94.1 174.8

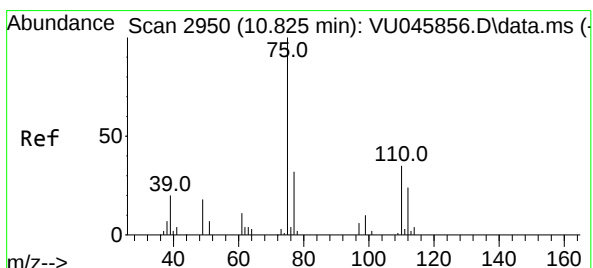
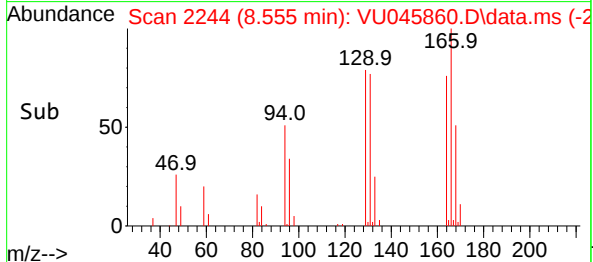
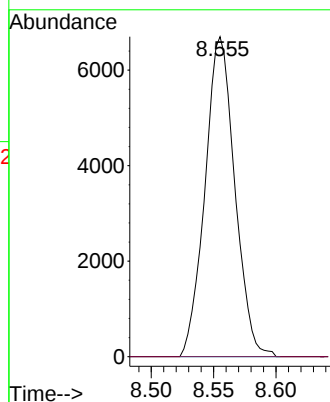
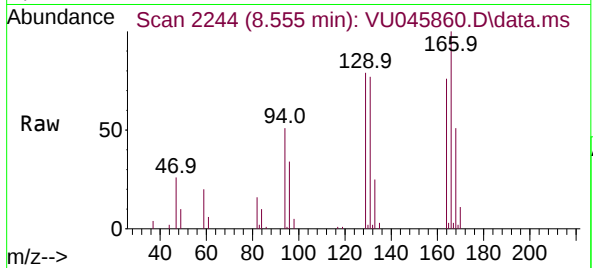




#49
Dibromochloromethane
Concen: 1.866 ug/L
RT: 8.555 min Scan# 21157
Delta R.T. -0.257 min
Lab File: VU045860.D
Acq: 18 Nov 2021 11:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 11157
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.216 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045860.D
Acq: 18 Nov 2021 11:31

Tgt Ion: 75 Resp: 5597
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 35.2 25.5 38.3

