

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045864.D
 Acq On : 18 Nov 2021 13:31
 Operator : SY/MD
 Sample : M4686-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:53:06 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)

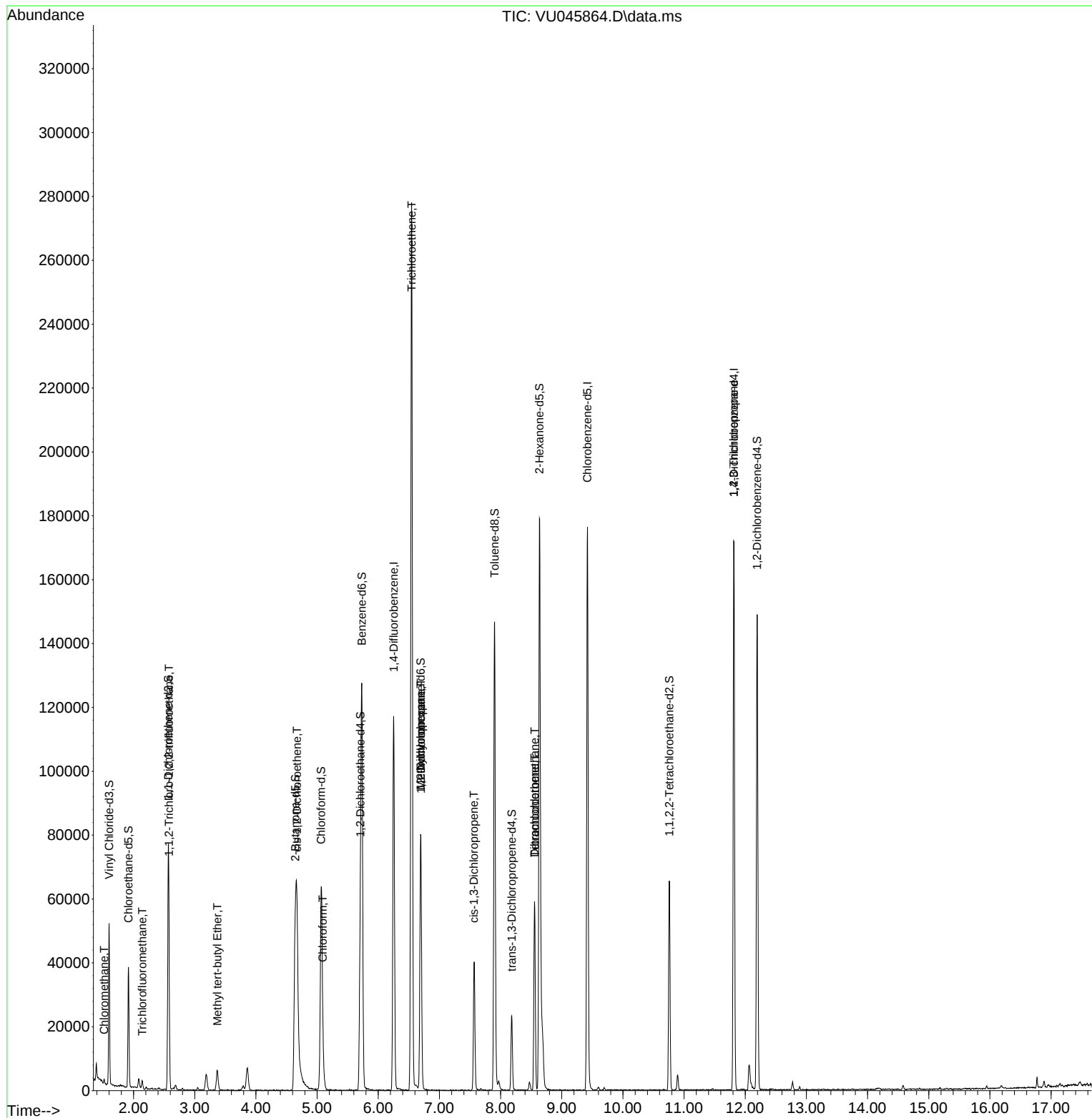
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92964	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	45764	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35229	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.916	69	27228	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.568	65	15075	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.645	46	99558	50.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.880%
24) Chloroform-d	5.067	84	54764	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.706	65	33754	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.732	84	118779	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.693	67	37999	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.902	98	99878	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.182	79	14007	4.008	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.636	63	64243	40.844	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32692	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38002	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1064	0.133	ug/L #	73
9) Trichlorofluoromethane	2.141	101	1570	0.151	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	388	0.064	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	6054	0.404	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	15390	2.301	ug/L	94
25) Chloroform	5.092	83	8271	0.660	ug/L	96
34) Trichloroethene	6.546	95	95118	13.335	ug/L	99
35) Methylcyclohexane	6.693	83	9313	0.850	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4145	0.569	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	984	0.095	ug/L #	74
47) Tetrachloroethene	8.555	164	12719	2.547	ug/L	97
49) Dibromochloromethane	8.555	129	13077	2.123	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5748	1.210	ug/L #	65

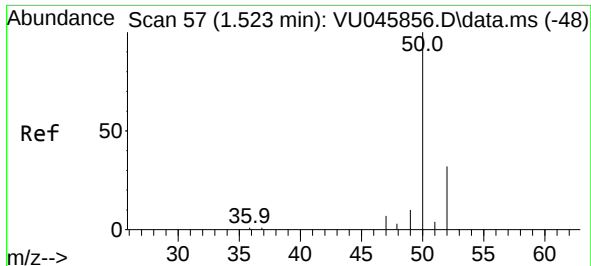
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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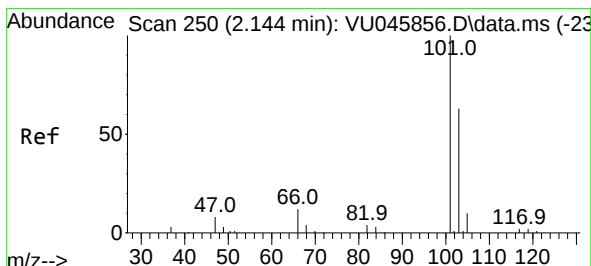
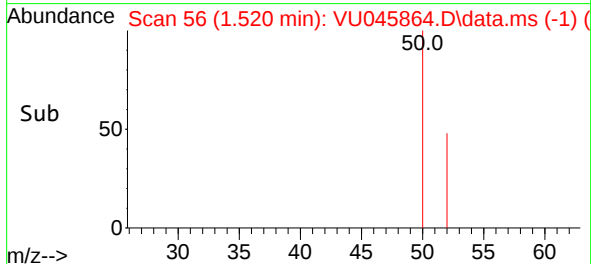
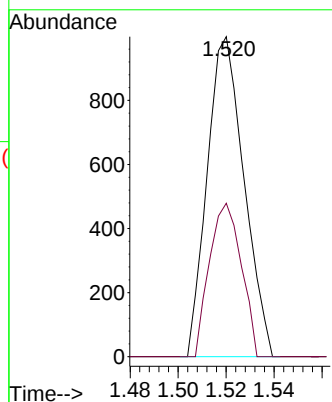
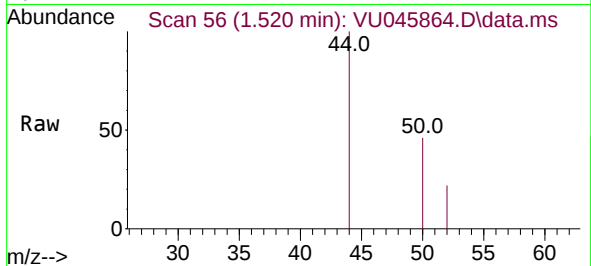




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

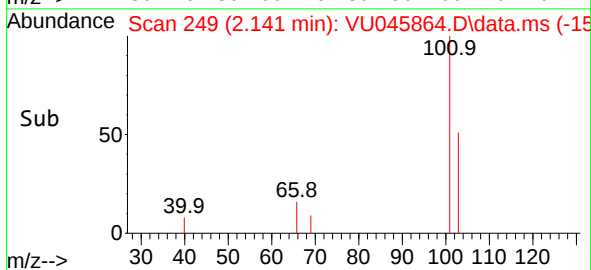
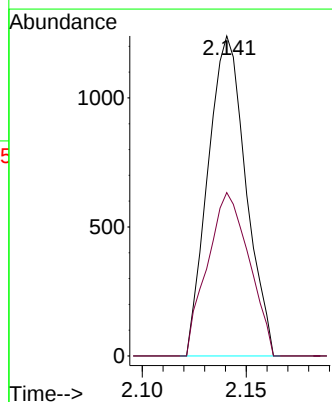
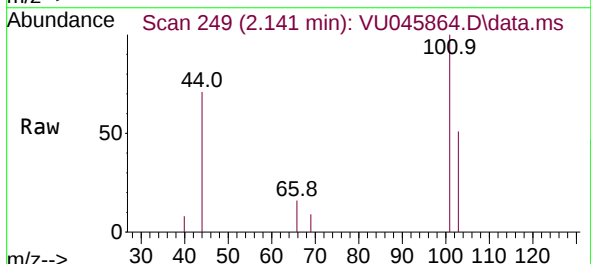
Instrument :
MSVOA_U
ClientSampleId :

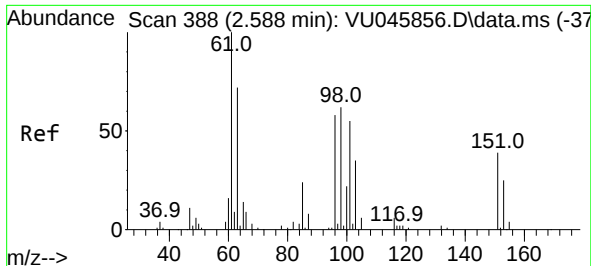
Tgt Ion: 50 Resp: 1064
Ion Ratio Lower Upper
50 100
52 47.9 23.0 42.8#



#9
Trichlorofluoromethane
Concen: 0.151 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Tgt Ion:101 Resp: 1570
Ion Ratio Lower Upper
101 100
103 56.1 51.5 77.3

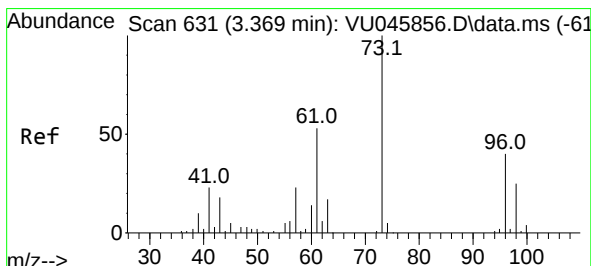
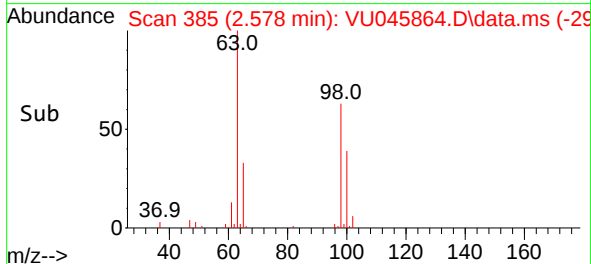
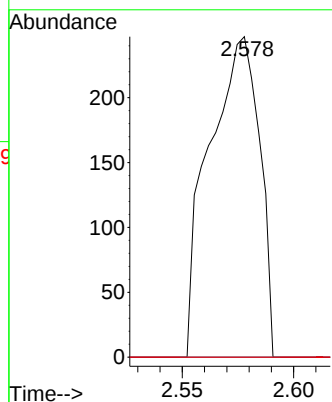
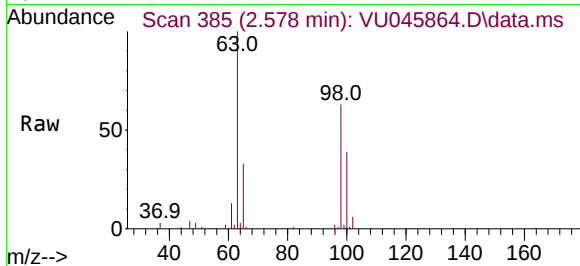




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.578 min Scan# 388
 Delta R.T. -0.010 min
 Lab File: VU045864.D
 Acq: 18 Nov 2021 13:31

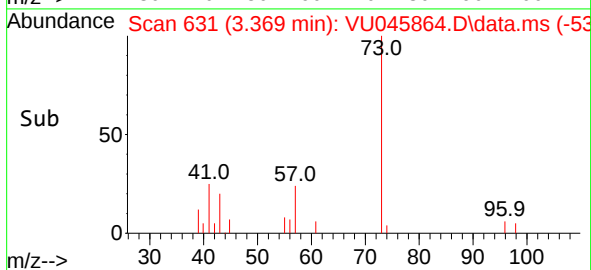
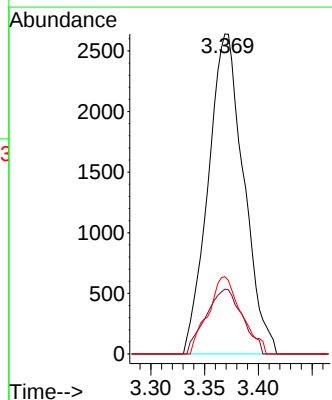
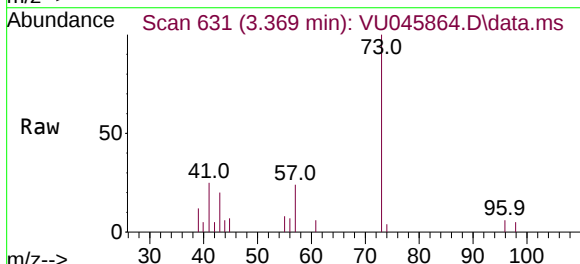
Instrument :
 MSVOA_U
 ClientSampleId :

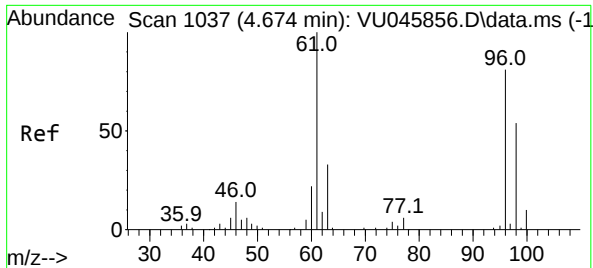
Tgt Ion:101 Resp: 388
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#17
 Methyl tert-butyl Ether
 Concen: 0.404 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. -0.000 min
 Lab File: VU045864.D
 Acq: 18 Nov 2021 13:31

Tgt Ion: 73 Resp: 6054
 Ion Ratio Lower Upper
 73 100
 43 21.0 14.8 22.2
 57 22.7 17.4 26.0

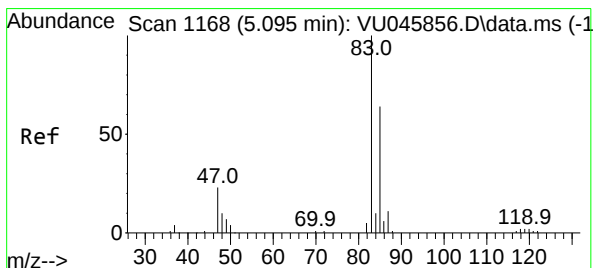
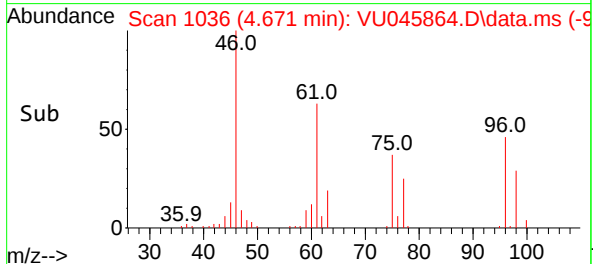
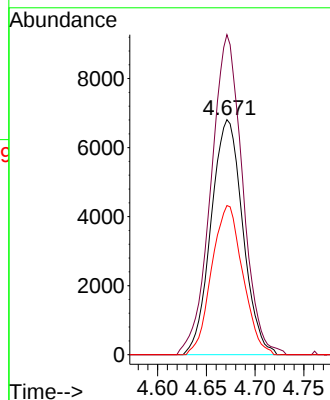
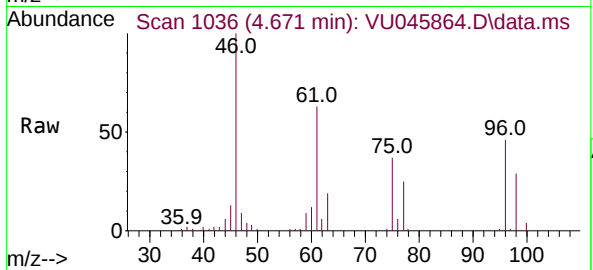




#22
 cis-1,2-Dichloroethene
 Concen: 2.301 ug/L
 RT: 4.671 min Scan# 1103
 Delta R.T. -0.003 min
 Lab File: VU045864.D
 Acq: 18 Nov 2021 13:31

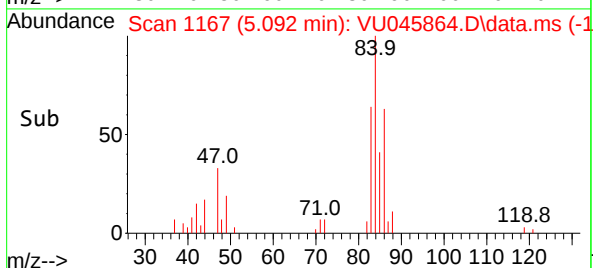
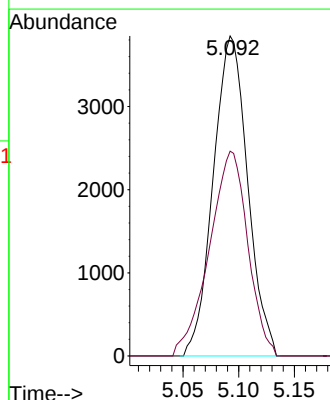
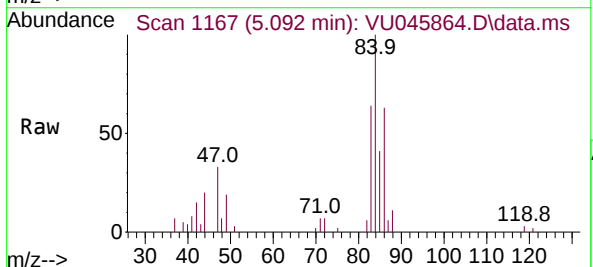
Instrument :
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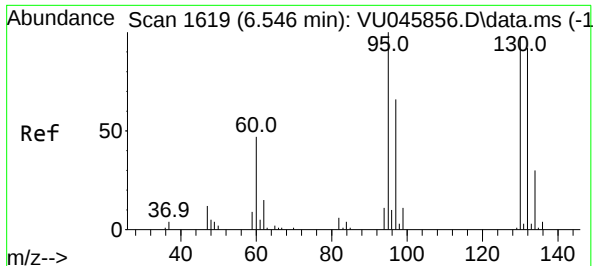
Tgt Ion: 96 Resp: 15390
 Ion Ratio Lower Upper
 96 100
 61 136.2 88.5 164.3
 98 63.4 44.4 82.5



#25
 Chloroform
 Concen: 0.660 ug/L
 RT: 5.092 min Scan# 1167
 Delta R.T. -0.003 min
 Lab File: VU045864.D
 Acq: 18 Nov 2021 13:31

Tgt Ion: 83 Resp: 8271
 Ion Ratio Lower Upper
 83 100
 85 64.0 46.9 87.1

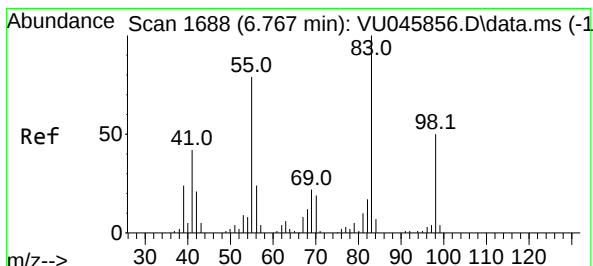
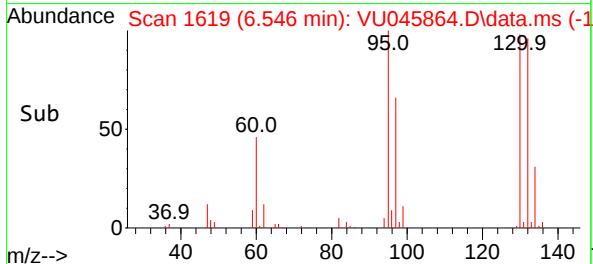
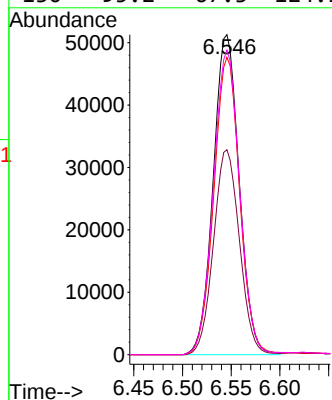
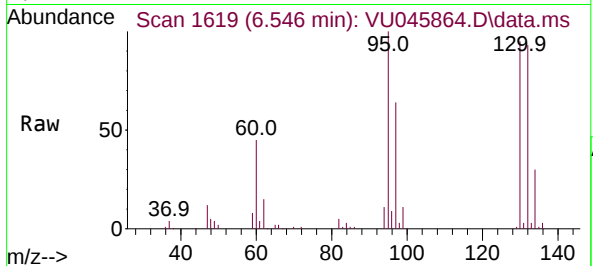




#34
Trichloroethene
Concen: 13.335 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

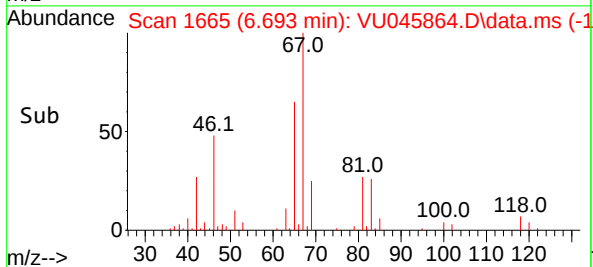
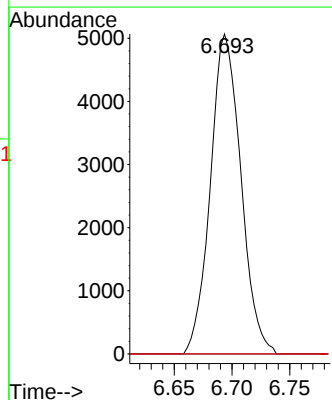
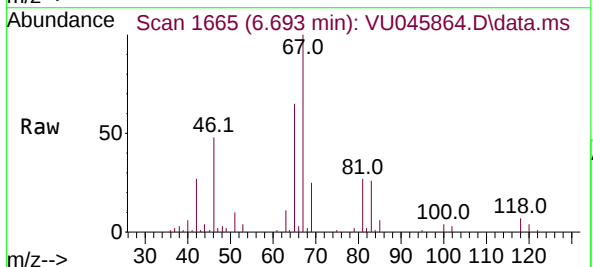
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ClientSampleId :

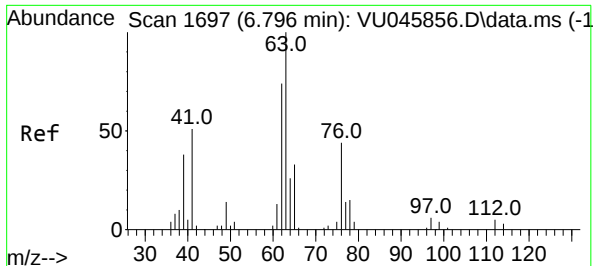
Tgt Ion: 95 Resp: 95118
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 92.9 65.1 120.9
130 95.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045864.D
Acq: 18 Nov 2021 13:31

Tgt Ion: 83 Resp: 9313
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045864.D

Acq: 18 Nov 2021 13:31

Instrument :

MSVOA_U

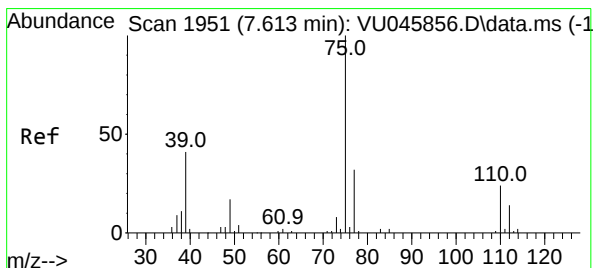
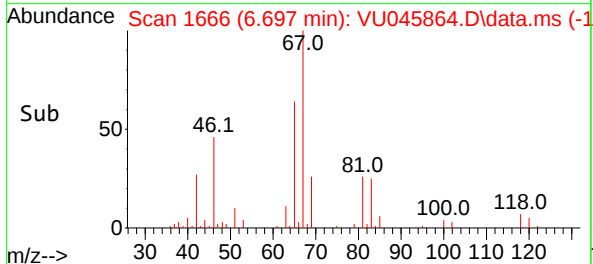
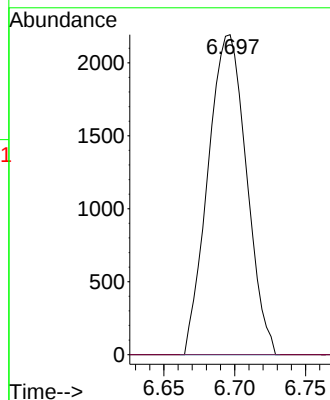
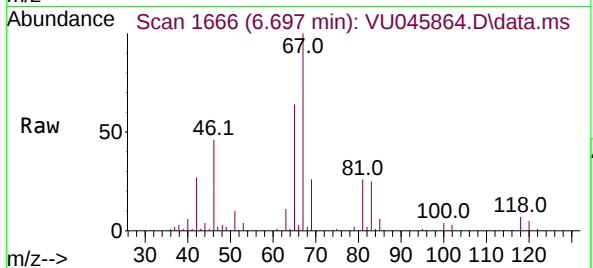
ClientSampleId :

Tgt Ion: 63 Resp: 4145

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.048 min

Lab File: VU045864.D

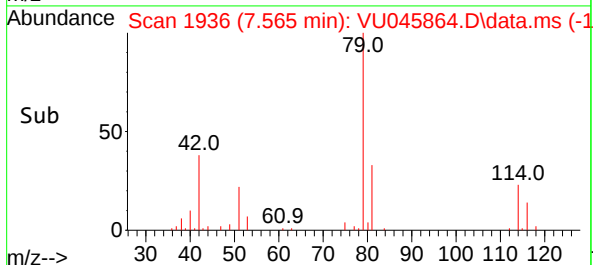
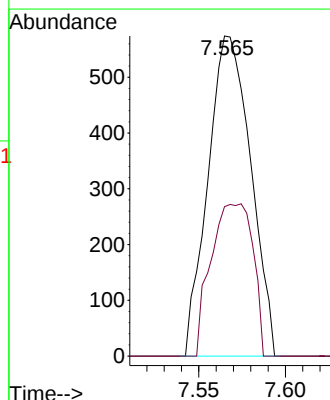
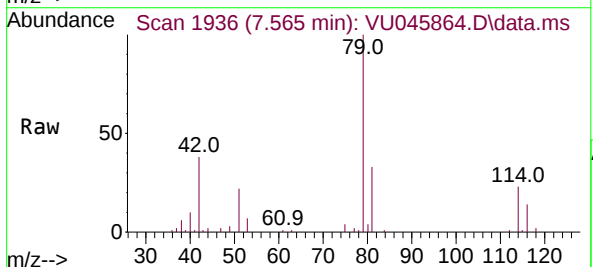
Acq: 18 Nov 2021 13:31

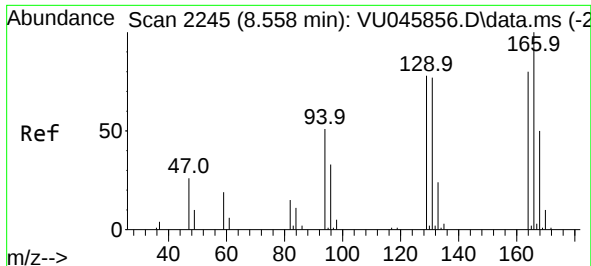
Tgt Ion: 75 Resp: 984

Ion Ratio Lower Upper

75 100

77 46.7 22.5 41.9#





#47

Tetrachloroethene

Concen: 2.547 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

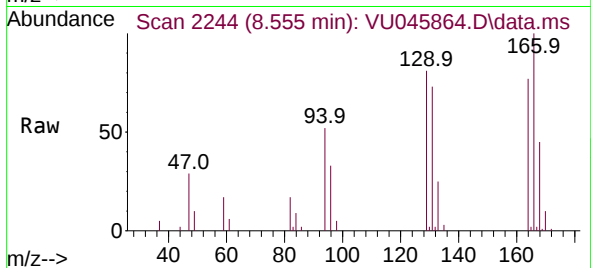
Lab File: VU045864.D

Acq: 18 Nov 2021 13:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 12719

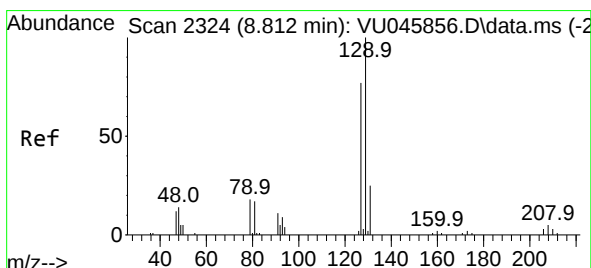
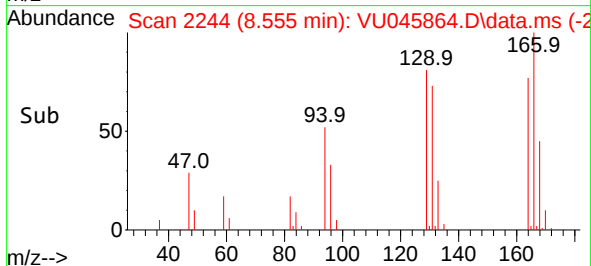
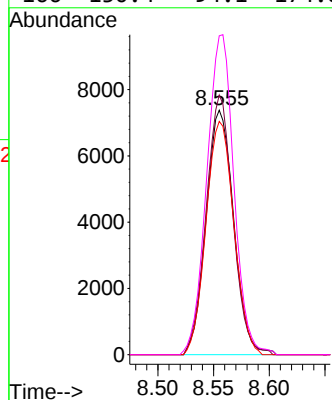
Ion Ratio Lower Upper

164 100

129 106.2 71.8 133.4

131 95.5 68.5 127.3

166 130.4 94.1 174.8



#49

Dibromochloromethane

Concen: 2.123 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045864.D

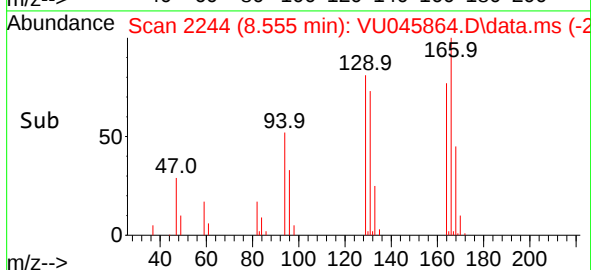
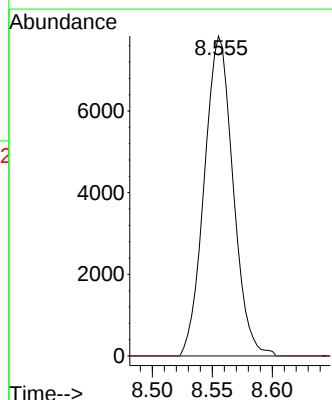
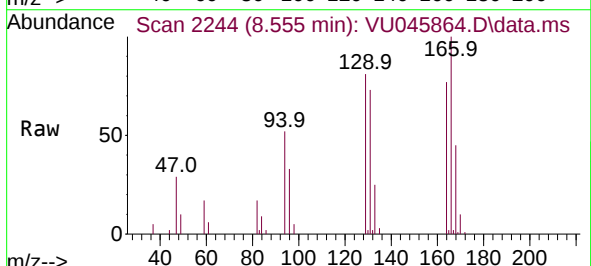
Acq: 18 Nov 2021 13:31

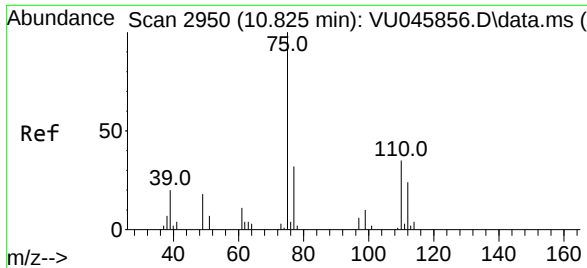
Tgt Ion:129 Resp: 13077

Ion Ratio Lower Upper

129 100

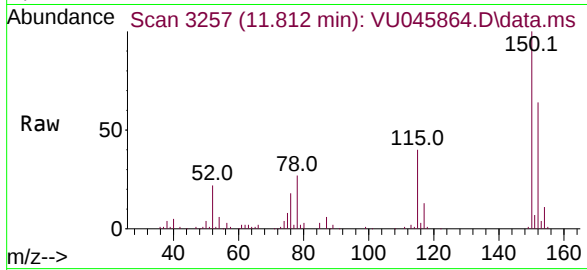
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.210 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045864.D
 Acq: 18 Nov 2021 13:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5748
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 30.3 25.5 38.3

