

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045848.D
 Acq On : 17 Nov 2021 18:28
 Operator : SY/MD
 Sample : M4664-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:22:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

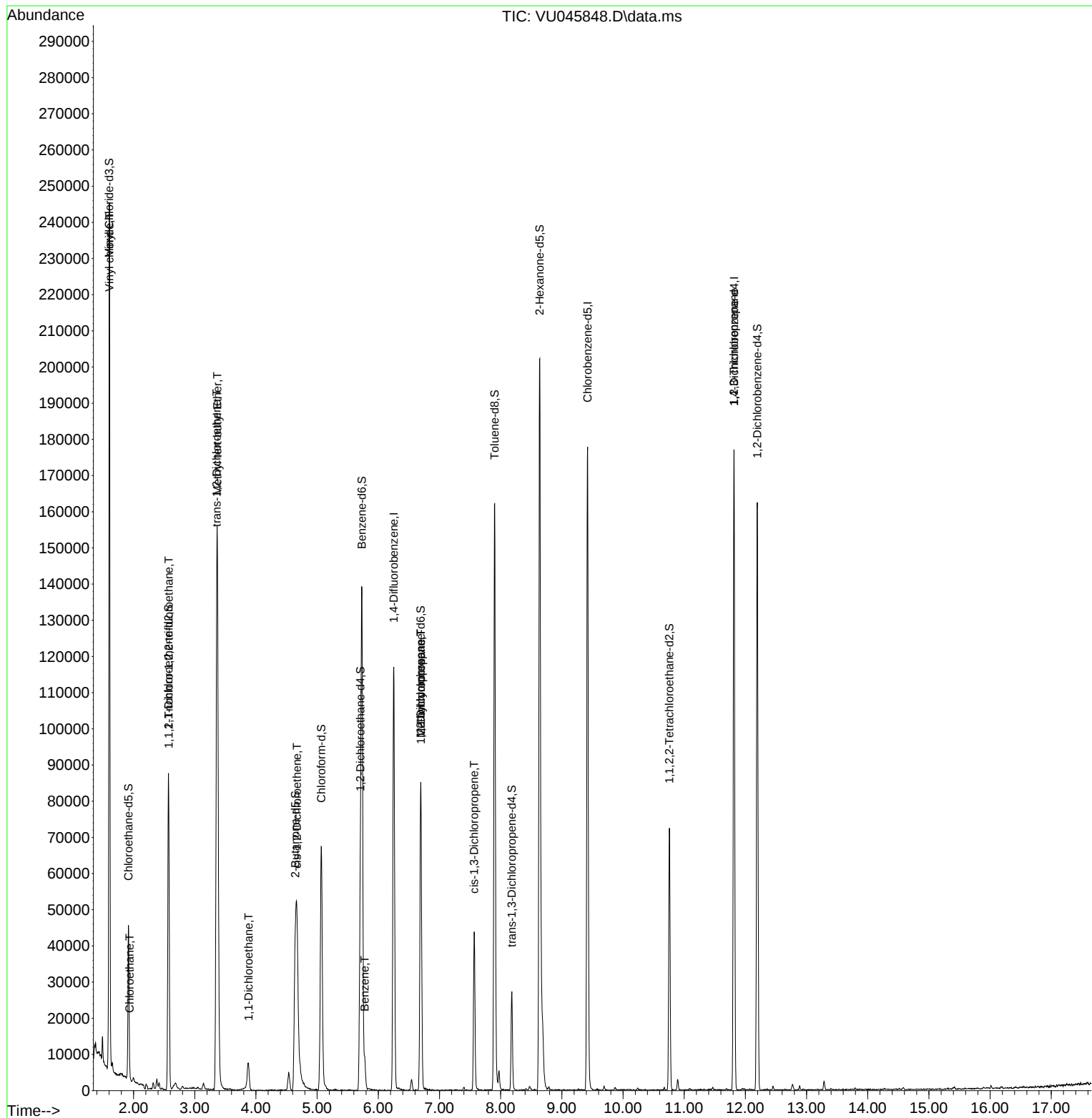
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41625	5.591	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.800%	
7) Chloroethane-d5	1.916	69	30308	5.592	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.800%	
11) 1,1-Dichloroethene-d2	2.572	65	16773	5.371	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.400%	
20) 2-Butanone-d5	4.645	46	102848	51.549	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.100%	
24) Chloroform-d	5.070	84	62631	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.707	65	36743	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.732	84	129354	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.694	67	41756	4.810	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.903	98	110778	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.182	79	15705	4.456	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.636	63	71760	45.239	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.480%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35820	4.884	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	41367	5.136	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	124787	15.334	ug/L	98
8) Chloroethane	1.935	64	882	0.190	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	386	0.063	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	145287	9.594	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	15125	2.426	ug/L	96
19) 1,1-Dichloroethane	3.880	63	8256	0.707	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	11566	1.711	ug/L	93
33) Benzene	5.777	78	7651	0.274	ug/L	100
35) Methylcyclohexane	6.694	83	9539	0.863	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4421	0.602	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1040	0.100	ug/L #	72
61) 1,2,3-Trichloropropane	11.812	75	6262	1.286	ug/L #	67

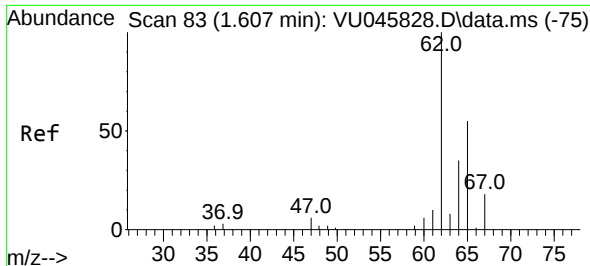
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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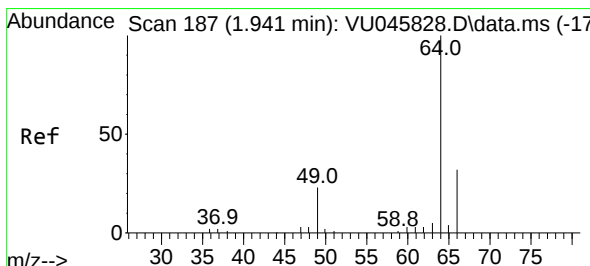
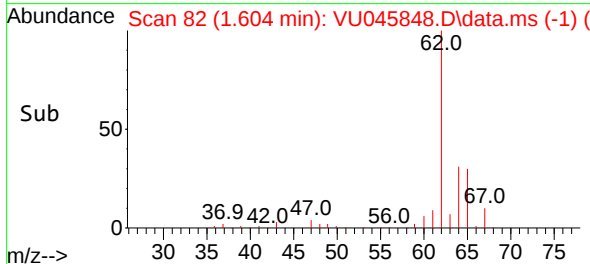
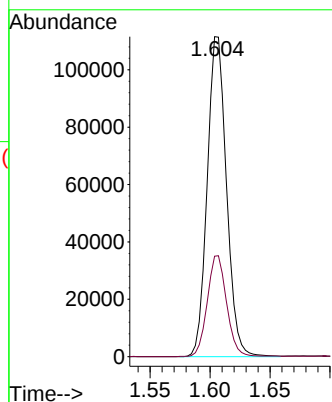
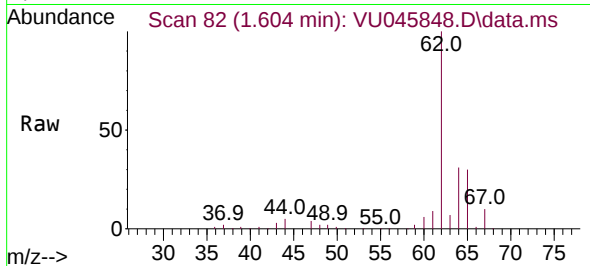




#5
 Vinyl chloride
 Concen: 15.334 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045848.D
 Acq: 17 Nov 2021 18:28

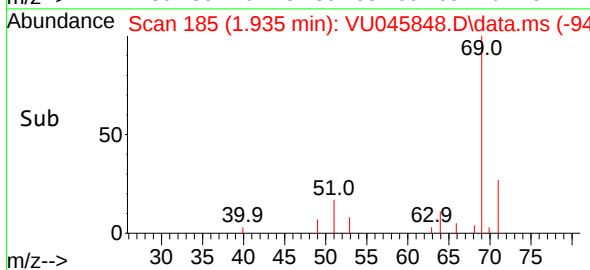
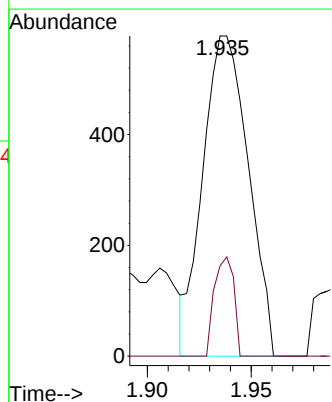
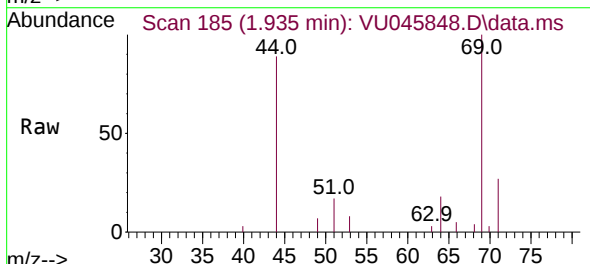
Instrument :
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 ClientSampleId :

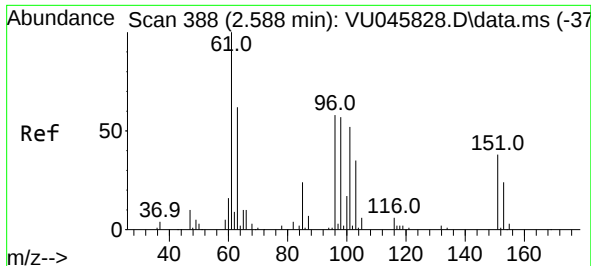
Tgt Ion: 62 Resp: 124787
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.9 42.5



#8
 Chloroethane
 Concen: 0.190 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.006 min
 Lab File: VU045848.D
 Acq: 17 Nov 2021 18:28

Tgt Ion: 64 Resp: 882
 Ion Ratio Lower Upper
 64 100
 66 28.2 22.1 41.1

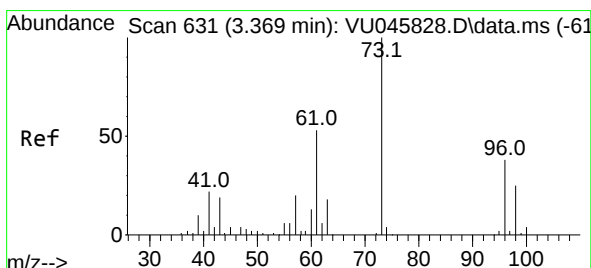
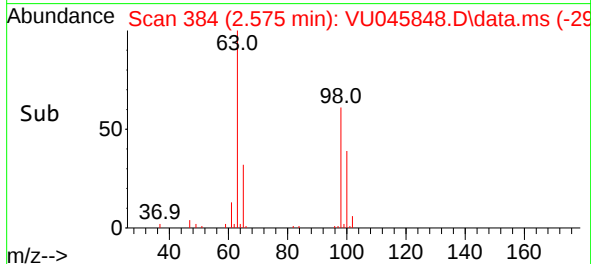
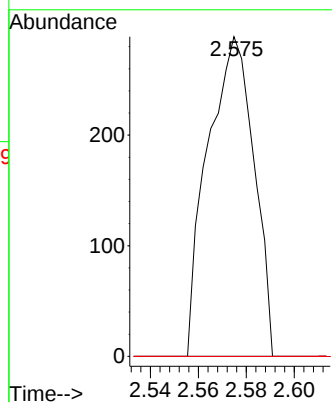
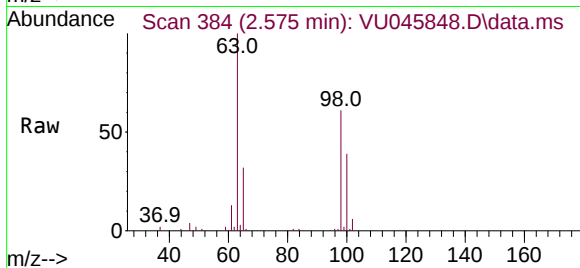




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.063 ug/L
RT: 2.575 min Scan# 386
Delta R.T. -0.013 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

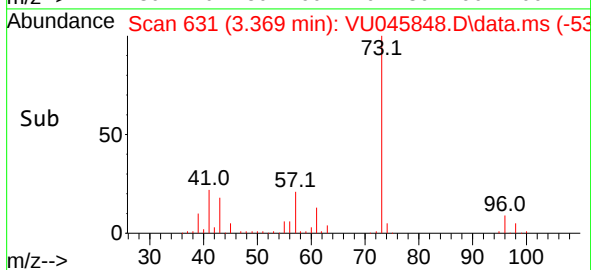
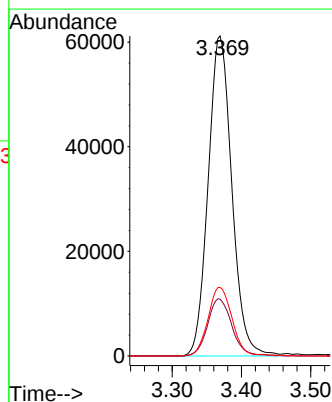
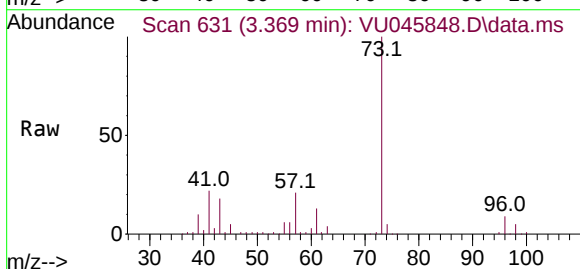
Instrument :
MSVOA_U
ClientSampleId :

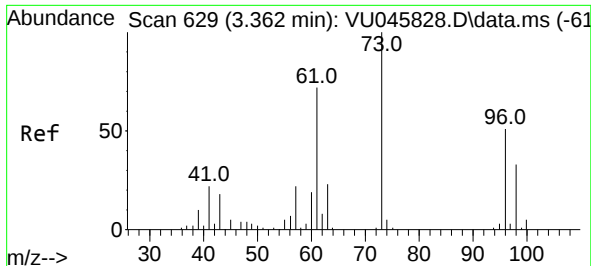
Tgt Ion:101 Resp: 386
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 9.594 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

Tgt Ion: 73 Resp: 145287
Ion Ratio Lower Upper
73 100
43 18.3 14.8 22.2
57 21.5 17.4 26.0

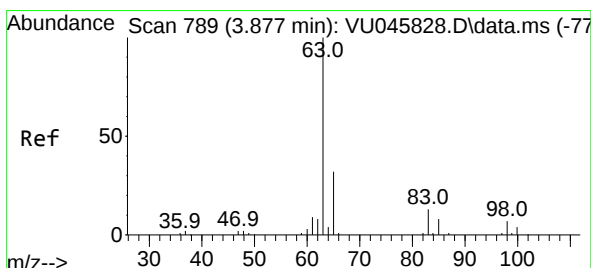
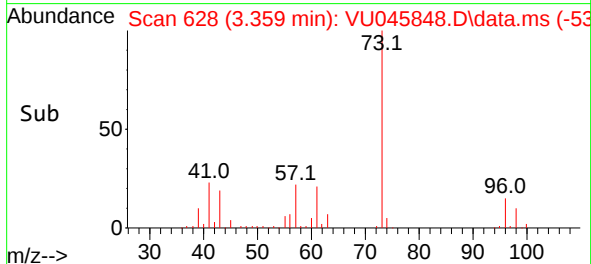
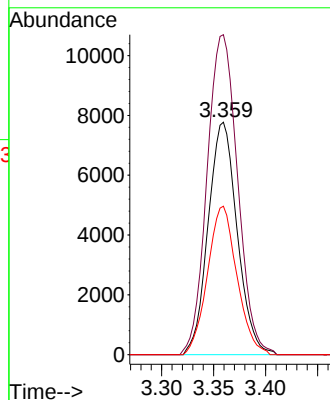
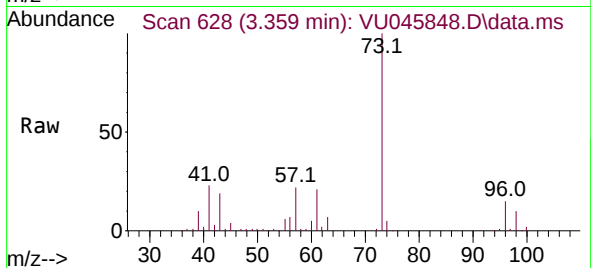




#18
trans-1,2-Dichloroethene
Concen: 2.426 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

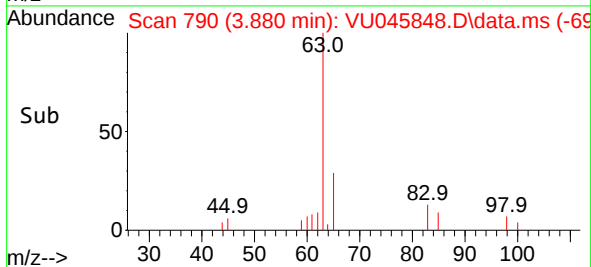
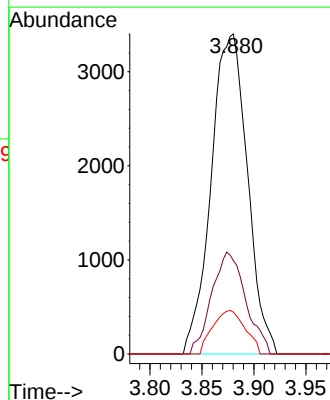
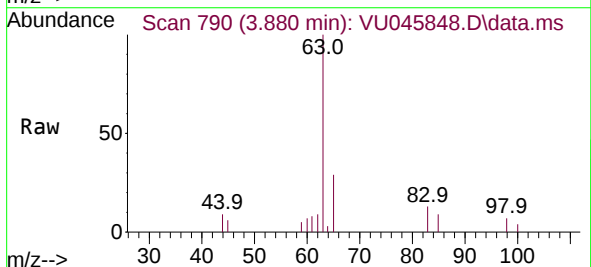
Instrument :
MSVOA_U
ClientSampleId :

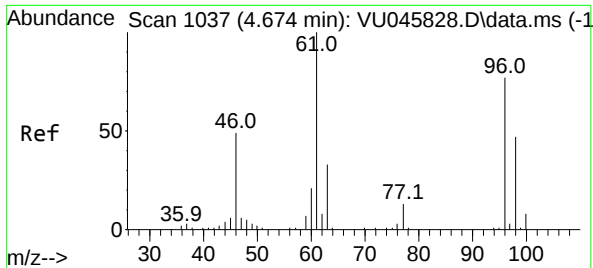
Tgt Ion: 96 Resp: 15125
Ion Ratio Lower Upper
96 100
61 137.6 100.8 187.2
98 63.9 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.707 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

Tgt Ion: 63 Resp: 8256
Ion Ratio Lower Upper
63 100
65 29.2 22.3 41.5
83 13.1 9.6 17.8

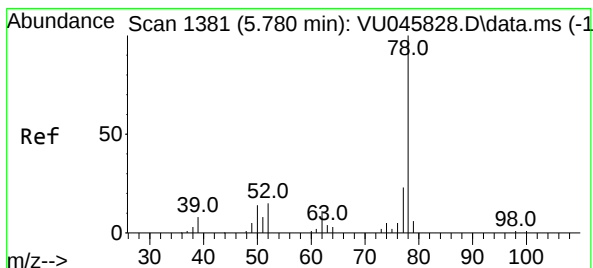
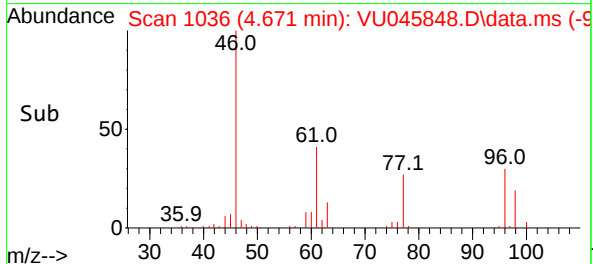
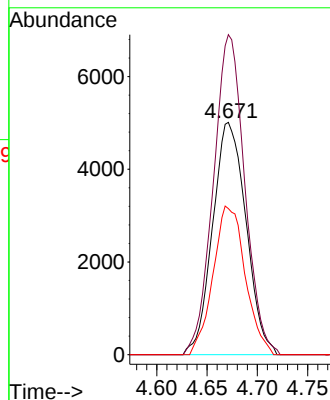
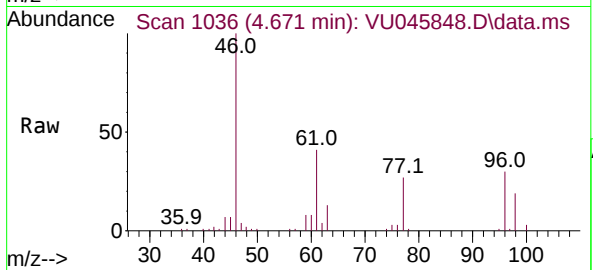




#22
 cis-1,2-Dichloroethene
 Concen: 1.711 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045848.D
 Acq: 17 Nov 2021 18:28

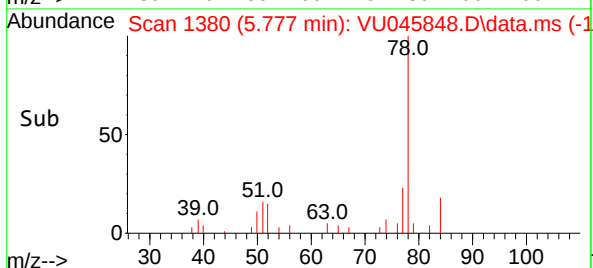
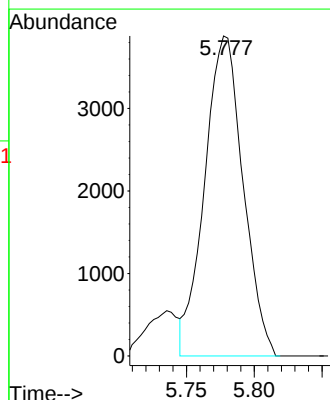
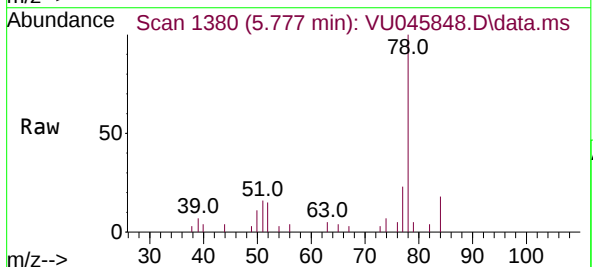
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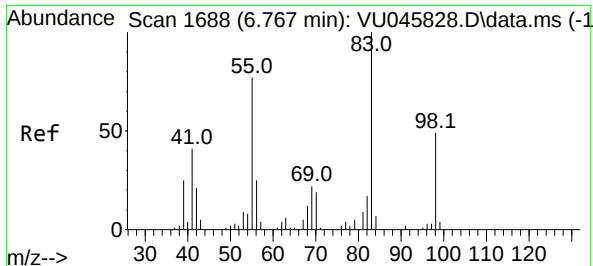
Tgt Ion: 96 Resp: 11566
 Ion Ratio Lower Upper
 96 100
 61 137.8 88.5 164.3
 98 62.9 44.4 82.5



#33
 Benzene
 Concen: 0.274 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. -0.003 min
 Lab File: VU045848.D
 Acq: 17 Nov 2021 18:28

Tgt Ion: 78 Resp: 7651

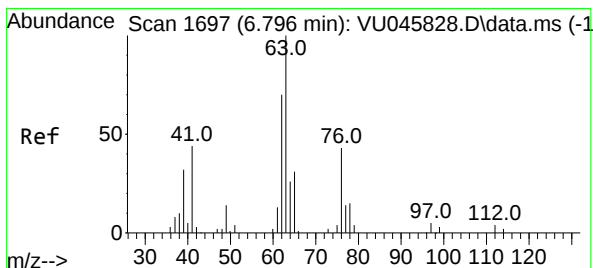
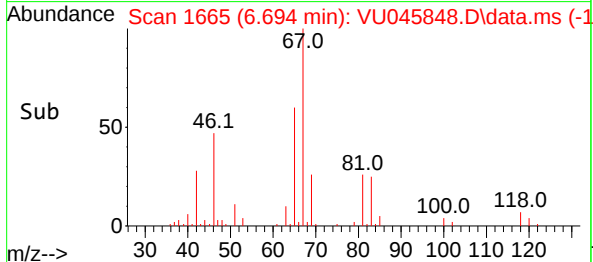
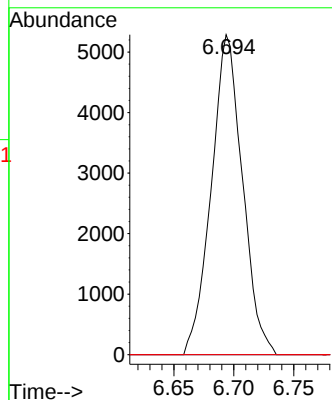
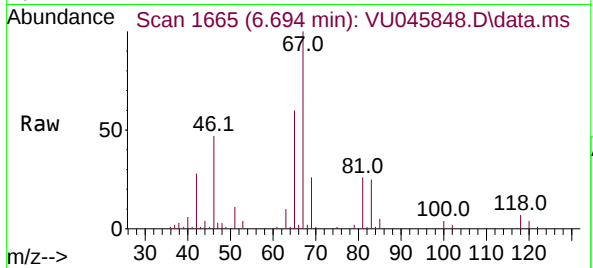




#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

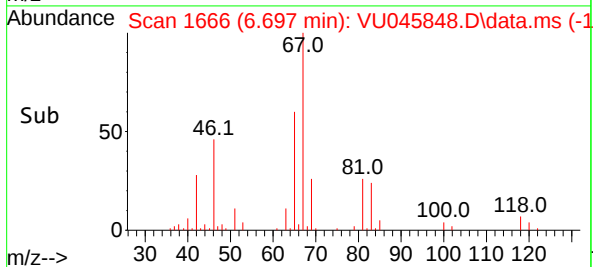
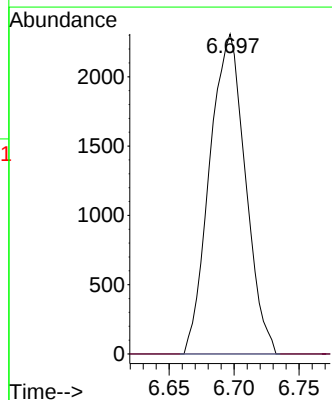
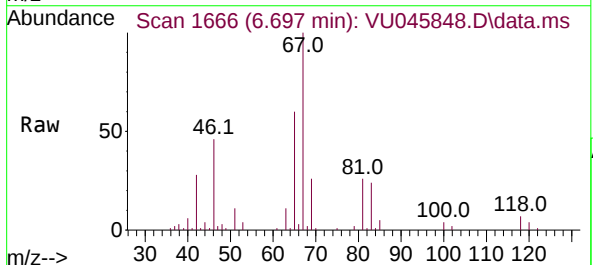
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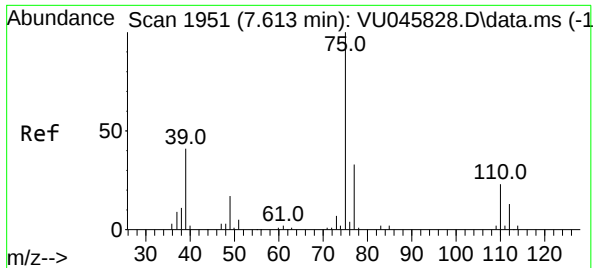
Tgt Ion: 83 Resp: 9539
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

Tgt Ion: 63 Resp: 4421
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.048 min

Lab File: VU045848.D

Acq: 17 Nov 2021 18:28

Instrument :

MSVOA_U

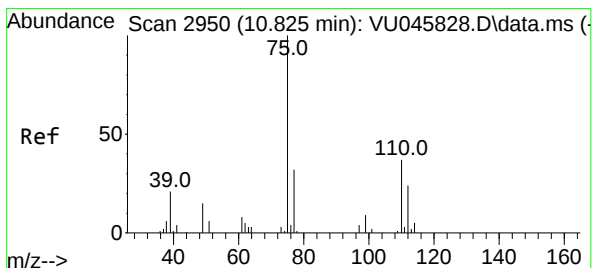
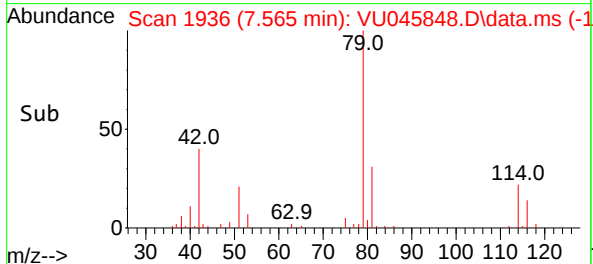
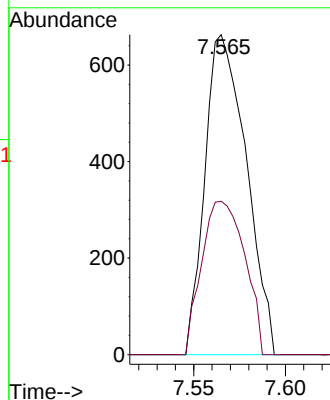
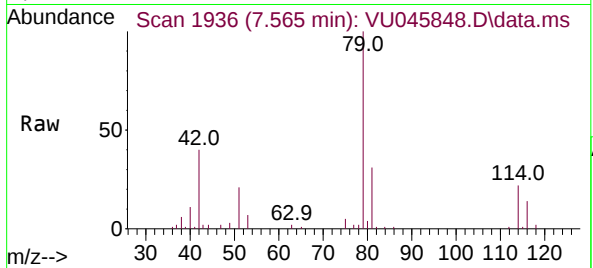
ClientSampleId :

Tgt Ion: 75 Resp: 1040

Ion Ratio Lower Upper

75 100

77 48.0 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 1.286 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045848.D

Acq: 17 Nov 2021 18:28

Tgt Ion: 75 Resp: 6262

Ion Ratio Lower Upper

75 100

110 1.0 29.9 44.9#

77 31.8 25.5 38.3

