

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049061.D
 Acq On : 11 Jun 2022 18:44
 Operator : SY/MD
 Sample : N3277-08 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:49:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:35:15 2022
 Response via : Initial Calibration

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

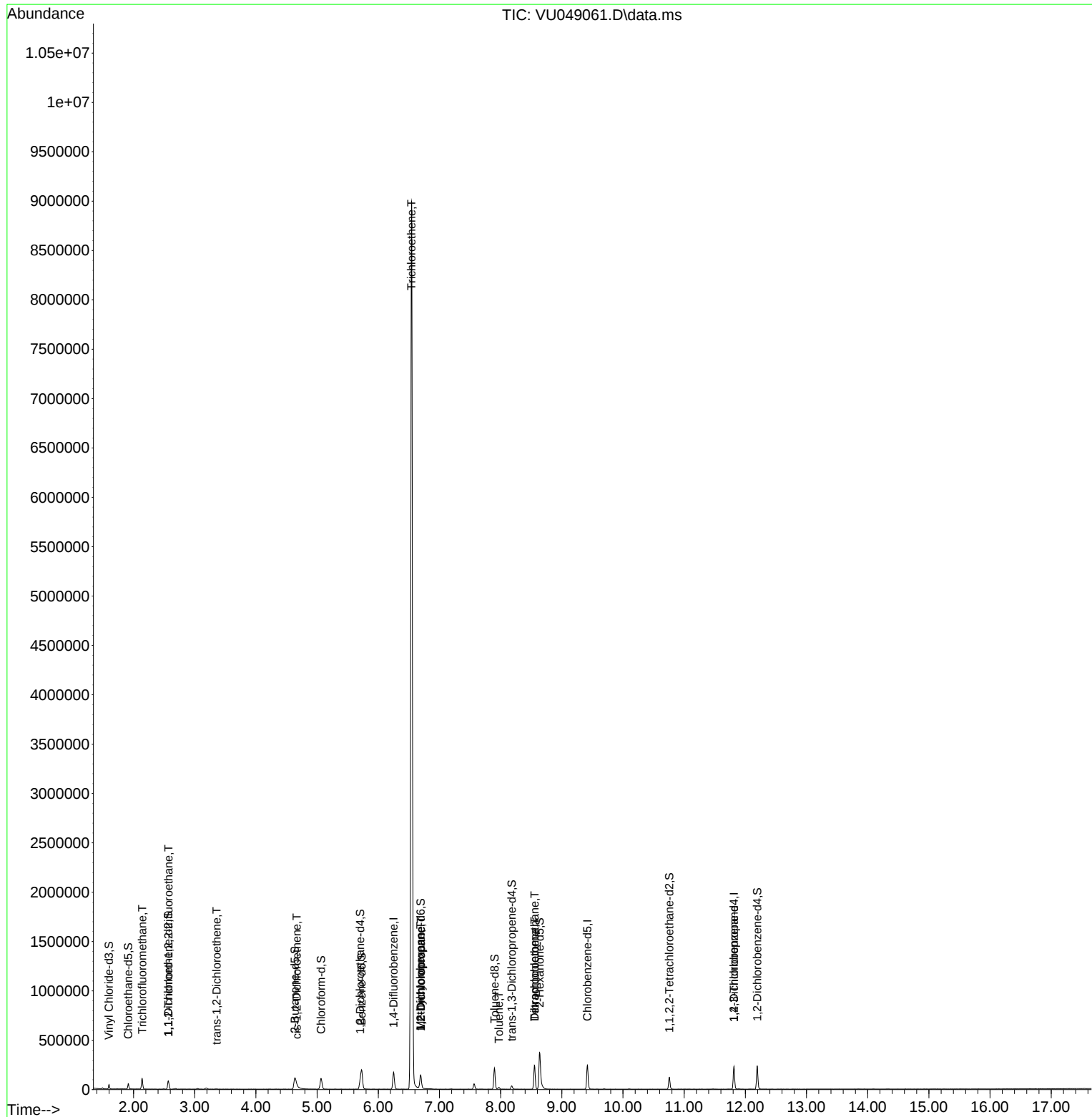
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	138200	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	138342	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	62819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	31440	5.144	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.800%		
7) Chloroethane-d5	1.913	69	35090	5.265	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.200%		
11) 1,1-Dichloroethene-d2	2.565	65	17013	5.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.600%		
20) 2-Butanone-d5	4.636	46	182453	59.952	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 119.900%		
24) Chloroform-d	5.064	84	102911	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.200%		
26) 1,2-Dichloroethane-d4	5.704	65	60817	5.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.200%		
32) Benzene-d6	5.729	84	183798	4.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.000%		
36) 1,2-Dichloropropane-d6	6.694	67	64275	5.078	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 101.600%		
41) Toluene-d8	7.900	98	143665	4.602	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.000%		
43) trans-1,3-Dichloroprop...	8.182	79	19999	4.702	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.000%		
46) 2-Hexanone-d5	8.636	63	127380	54.676	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 109.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	59420	5.337	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	63996	5.538	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.800%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	70976	4.277	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	473	0.054	ug/L #	19
18) trans-1,2-Dichloroethene	3.360	96	1066	0.114	ug/L #	91
22) cis-1,2-Dichloroethene	4.668	96	2034	0.184	ug/L	94
34) Trichloroethene	6.543	95	3101007	289.582	ug/L	97
35) Methylcyclohexane	6.691	83	14948	0.922	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	7029	0.648	ug/L #	89
42) Toluene	7.973	91	12724	0.302	ug/L	95
47) Tetrachloroethene	8.555	164	55923	6.570	ug/L	97
49) Dibromochloromethane	8.555	129	51238	5.224	ug/L #	11
61) 1,2,3-Trichloropropane	11.813	75	6758	1.004	ug/L #	68

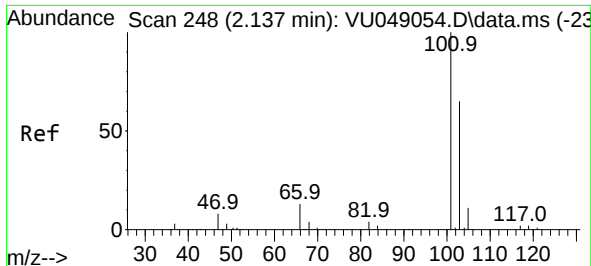
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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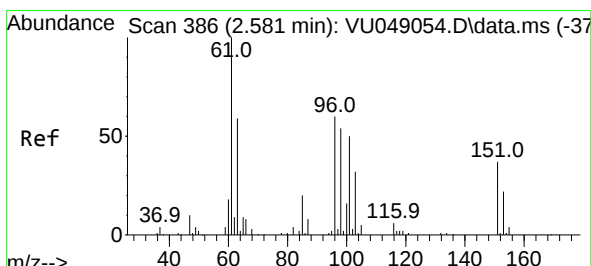
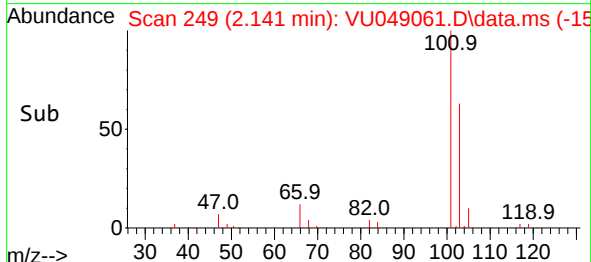
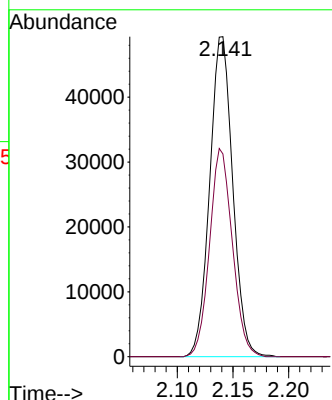
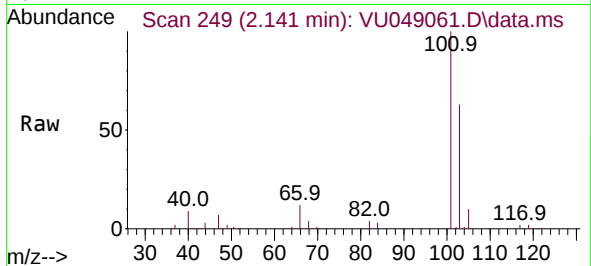




#9
 Trichlorofluoromethane
 Concen: 4.277 ug/L
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU049061.D
 Acq: 11 Jun 2022 18:44

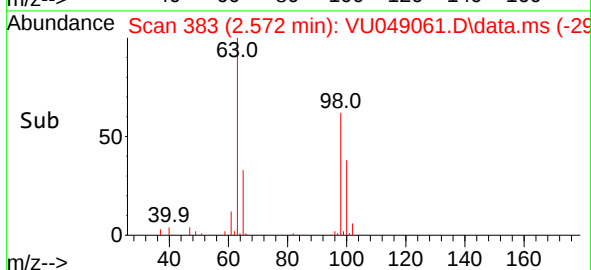
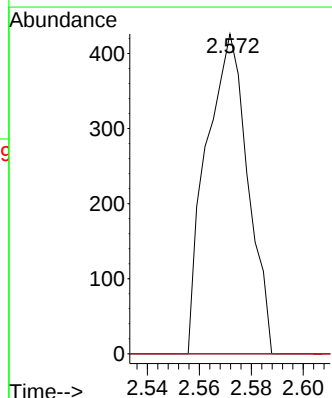
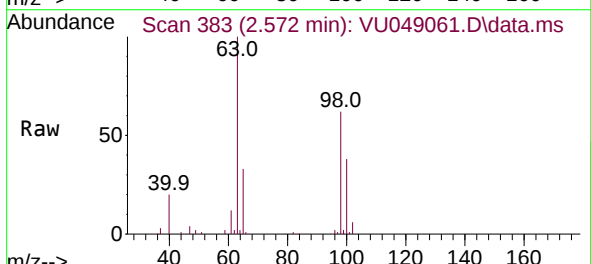
Instrument :
 MSVOA_U
 ClientSampleId :

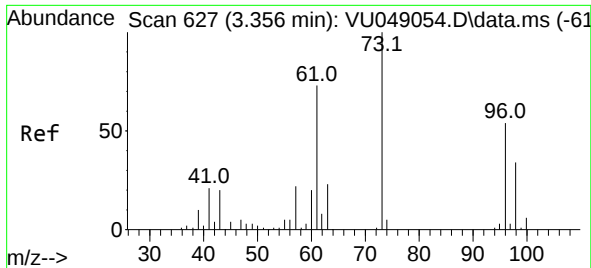
Tgt Ion:101 Resp: 70976
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.5 75.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.009 min
 Lab File: VU049061.D
 Acq: 11 Jun 2022 18:44

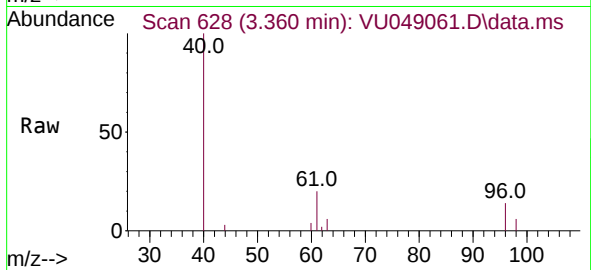
Tgt Ion:101 Resp: 473
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.0 54.0#
 151 0.0 60.7 91.1#



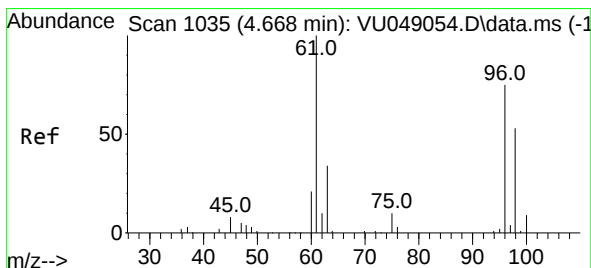
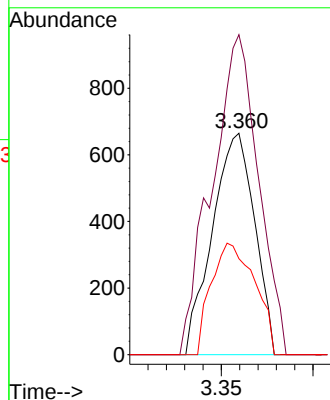
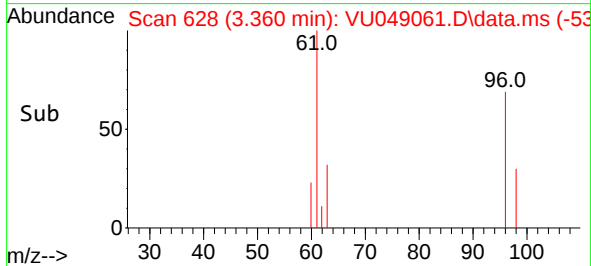


#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 3.360 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049061.D
Acq: 11 Jun 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :

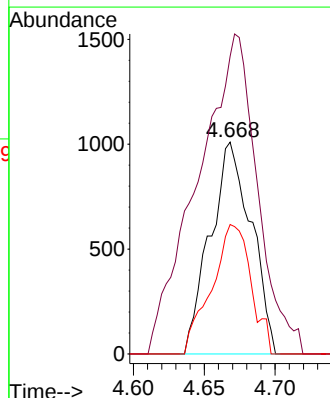
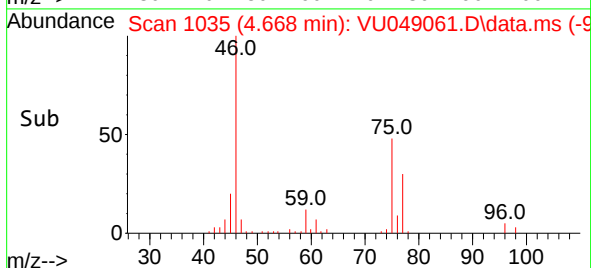
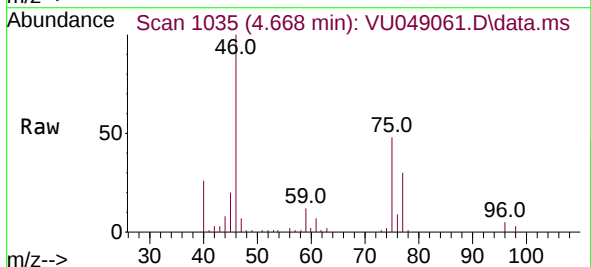


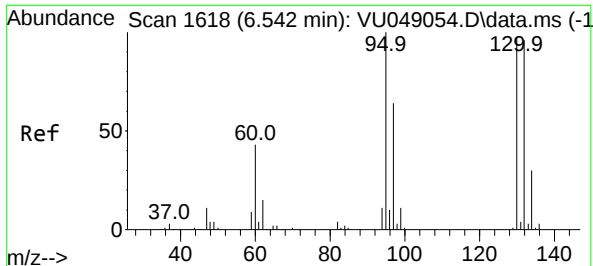
Tgt Ion: 96 Resp: 1066
Ion Ratio Lower Upper
96 100
61 144.5 99.1 184.1
98 43.3 44.1 81.9#



#22
cis-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU049061.D
Acq: 11 Jun 2022 18:44

Tgt Ion: 96 Resp: 2034
Ion Ratio Lower Upper
96 100
61 140.5 91.1 169.1
98 61.1 43.0 80.0



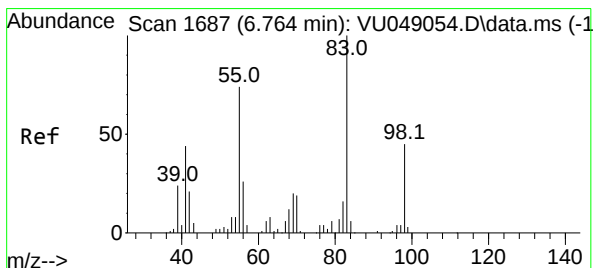
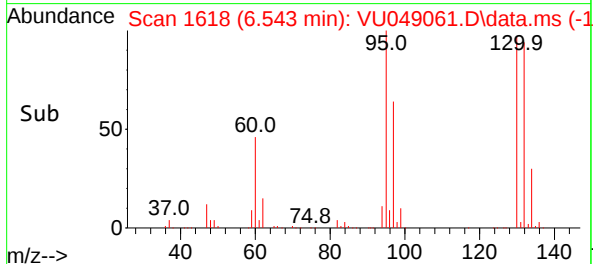
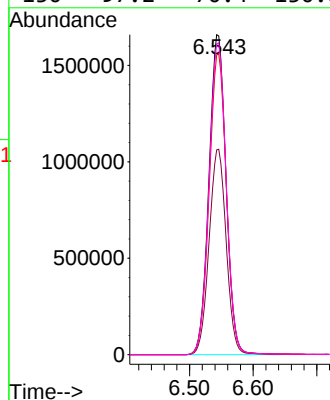
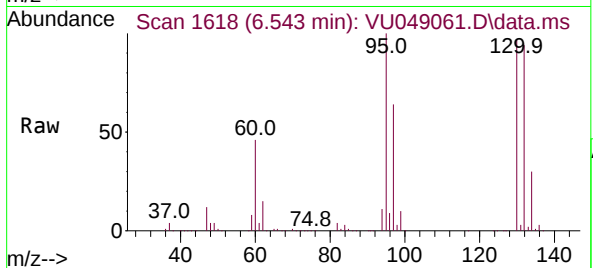


#34
Trichloroethene
Concen: 289.582 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049061.D
Acq: 11 Jun 2022 18:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3101007

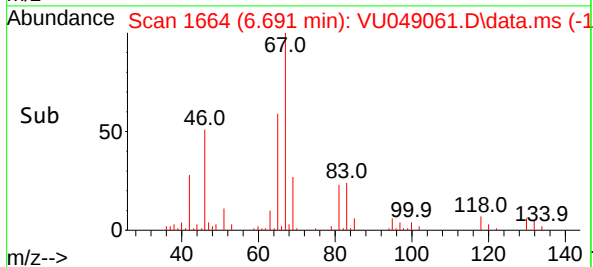
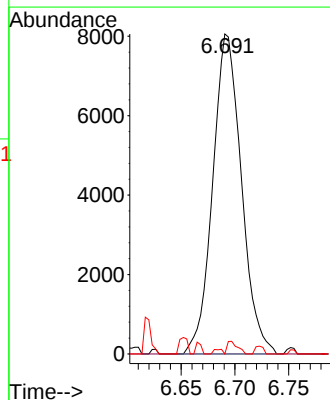
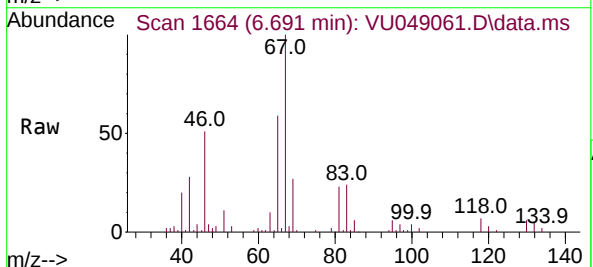
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.9	83.5
132	93.7	62.8	116.6
130	97.2	70.4	130.8

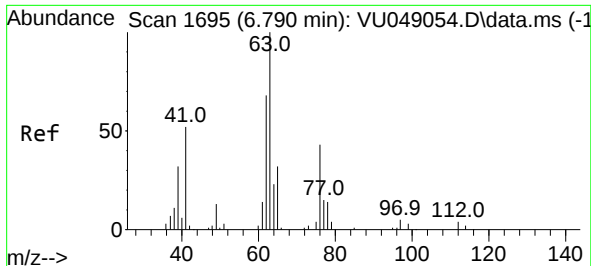


#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049061.D
Acq: 11 Jun 2022 18:44

Tgt Ion: 83 Resp: 14948

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.6	90.8#
98	0.0	35.8	53.8#





#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.093 min

Lab File: VU049061.D

Acq: 11 Jun 2022 18:44

Instrument :

MSVOA_U

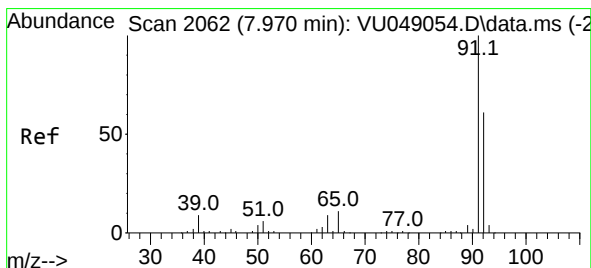
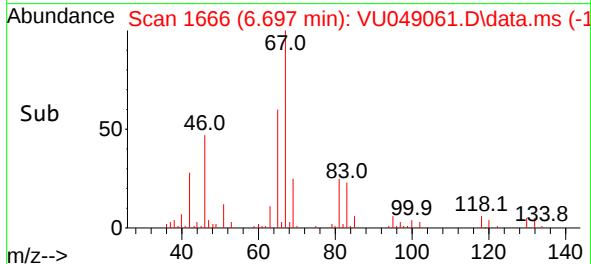
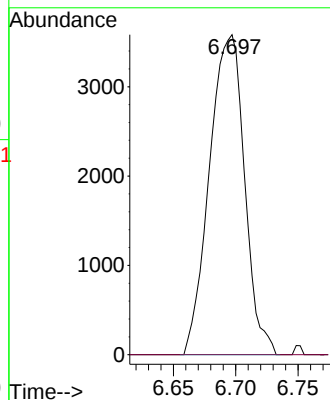
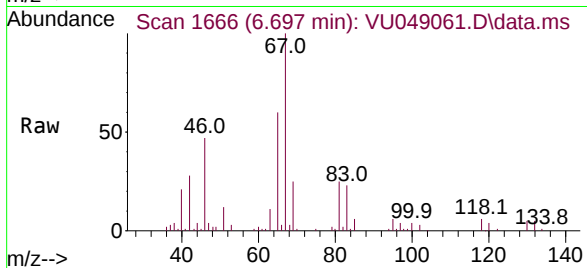
ClientSampleId :

Tgt Ion: 63 Resp: 7029

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#42

Toluene

Concen: 0.302 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU049061.D

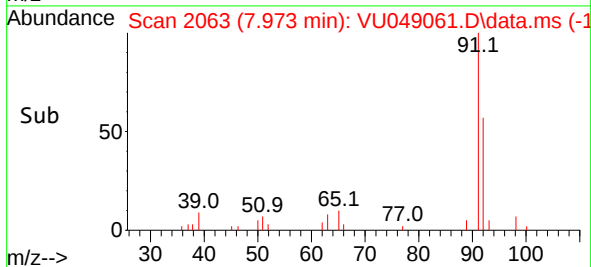
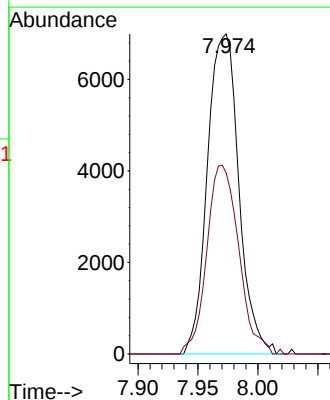
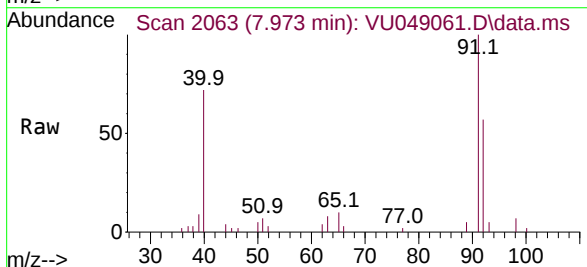
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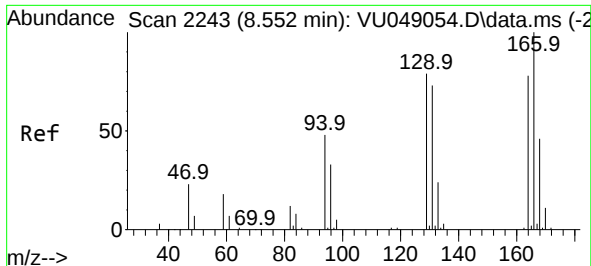
Tgt Ion: 91 Resp: 12724

Ion Ratio Lower Upper

91 100

92 56.6 42.1 78.1





#47

Tetrachloroethene

Concen: 6.570 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

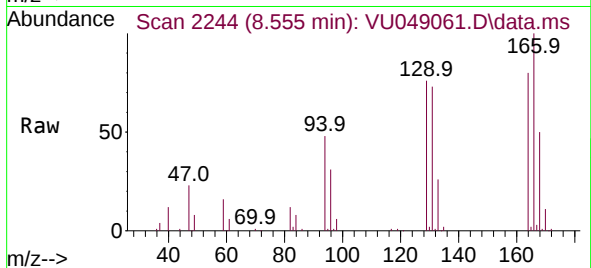
Lab File: VU049061.D

Acq: 11 Jun 2022 18:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 55923

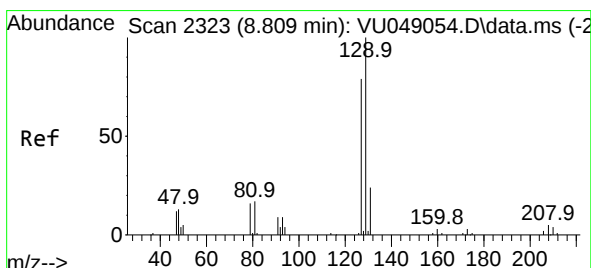
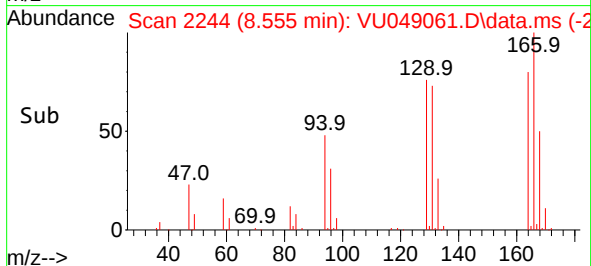
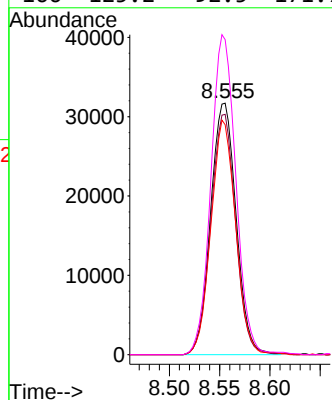
Ion Ratio Lower Upper

164 100

129 95.5 67.0 124.4

131 91.4 65.0 120.8

166 125.2 92.5 171.7



#49

Dibromochloromethane

Concen: 5.224 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.254 min

Lab File: VU049061.D

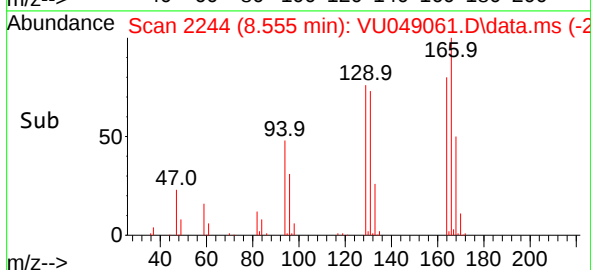
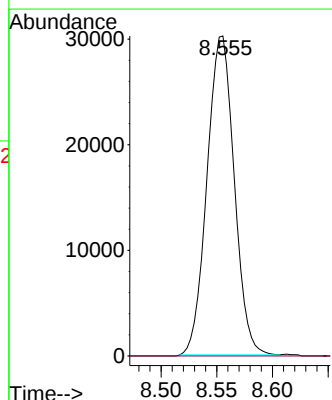
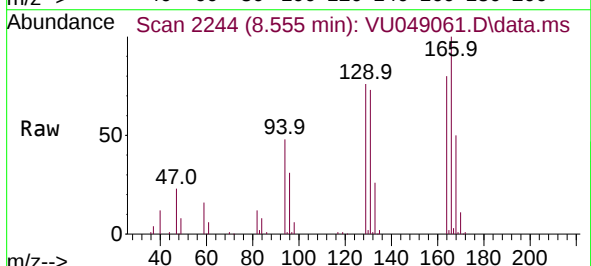
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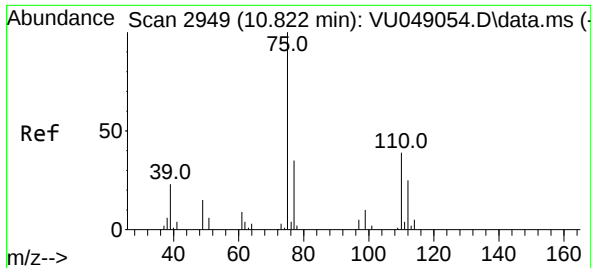
Tgt Ion:129 Resp: 51238

Ion Ratio Lower Upper

129 100

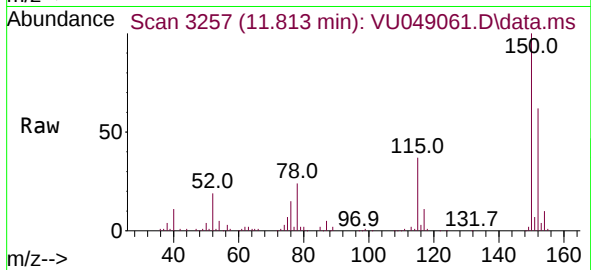
127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.004 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU049061.D
 Acq: 11 Jun 2022 18:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6758
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.6 43.0#
 77 33.4 25.4 38.0

