

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058829.D
 Acq On : 06 May 2024 13:02
 Operator : MD/SY
 Sample : P2392-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:10:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

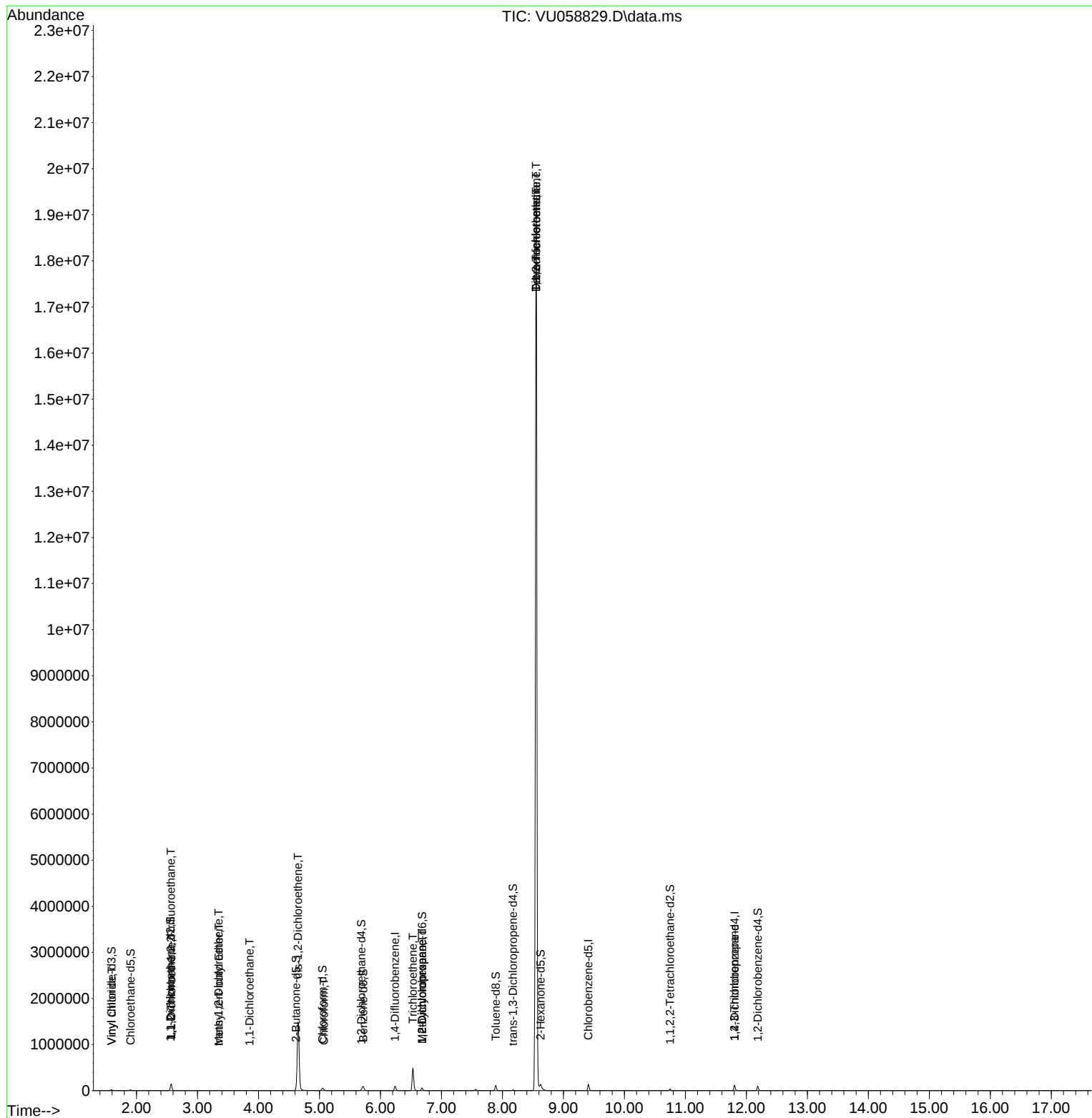
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	74029	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	71472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	15481	2.659	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.200%
7) Chloroethane-d5	1.904	69	12890	2.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.557	65	10041	3.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.615	46	39498	38.607	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.220%
24) Chloroform-d	5.049	84	48971	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.689	65	24907	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.718	84	85245	3.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.682	67	24466	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.200%
41) Toluene-d8	7.891	98	74750	3.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.174	79	9459	3.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.627	63	29172	39.850	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15946	3.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25470	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	1281	0.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	1747	0.291	ug/L	92
12) 1,1-Dichloroethene	2.570	96	35497	6.584	ug/L	89
17) Methyl tert-butyl Ether	3.351	73	1147	0.094	ug/L #	87
18) trans-1,2-Dichloroethene	3.345	96	1781	0.330	ug/L	98
19) 1,1-Dichloroethane	3.856	63	5721	0.500	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	737093	124.255	ug/L	97
25) Chloroform	5.074	83	7554	0.635	ug/L	100
34) Trichloroethene	6.531	95	161377	23.984	ug/L	97
35) Methylcyclohexane	6.682	83	6193	0.606	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3391	0.525	ug/L #	89
45) 1,1,2-Trichloroethane	8.553	97	42583	11.458	ug/L #	38
47) Tetrachloroethene	8.553	164	3975399	841.854	ug/L	98
49) Dibromochloromethane	8.553	129	4003551	919.780	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3540	1.211	ug/L #	63

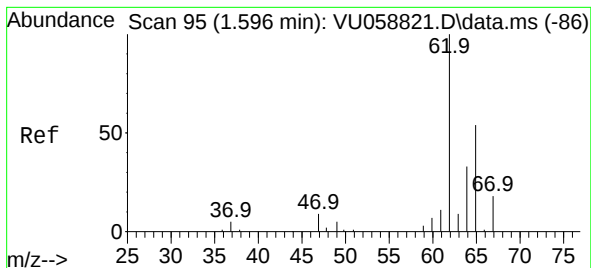
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 07 01:07:14 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.199 ug/L

RT: 1.596 min Scan# 95

Delta R.T. -0.000 min

Lab File: VU058829.D

Acq: 06 May 2024 13:02

Instrument :

MSVOA_U

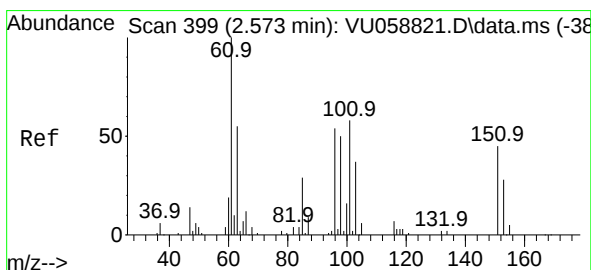
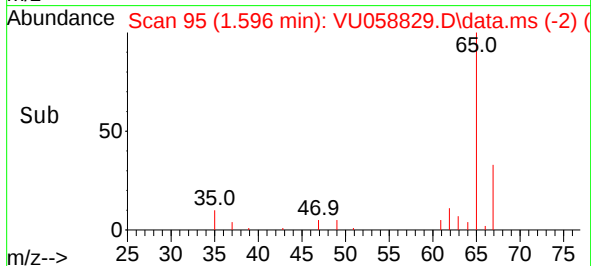
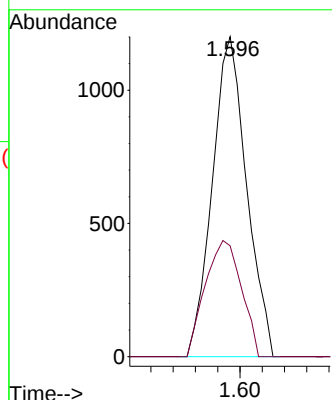
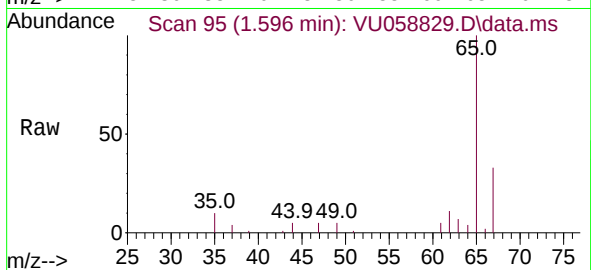
ClientSampleId :

Tgt Ion: 62 Resp: 1281

Ion Ratio Lower Upper

62 100

64 34.6 23.8 44.2



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.291 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.010 min

Lab File: VU058829.D

Acq: 06 May 2024 13:02

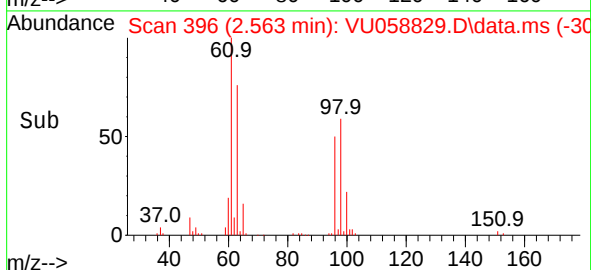
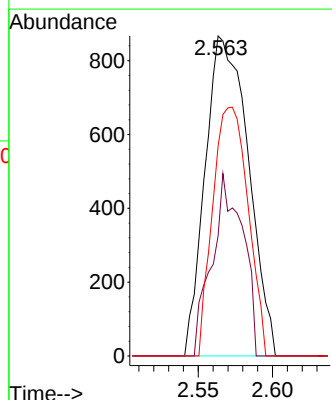
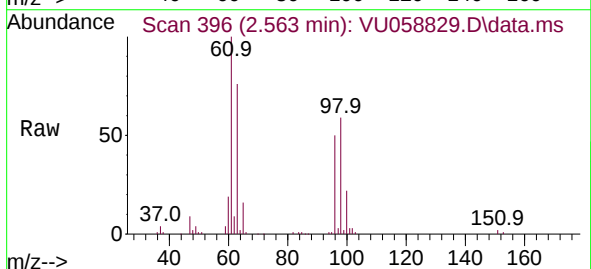
Tgt Ion: 101 Resp: 1747

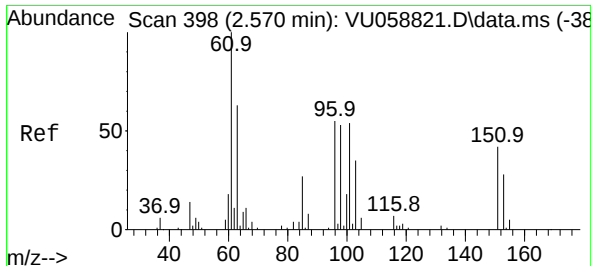
Ion Ratio Lower Upper

101 100

85 40.8 36.7 55.1

151 63.7 56.6 84.8

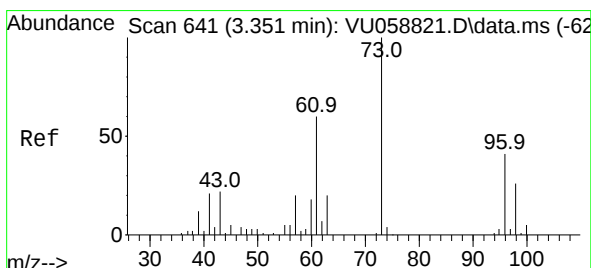
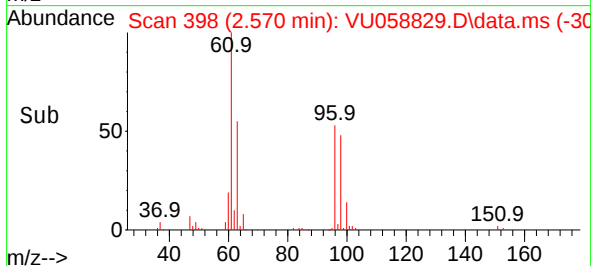
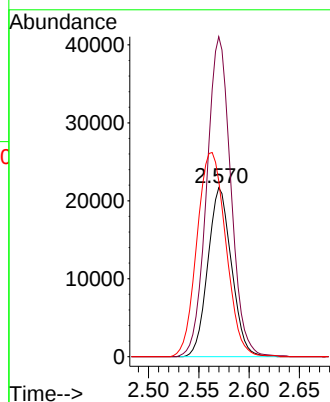
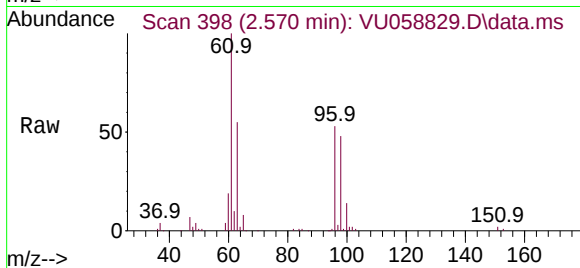




#12
1,1-Dichloroethene
Concen: 6.584 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

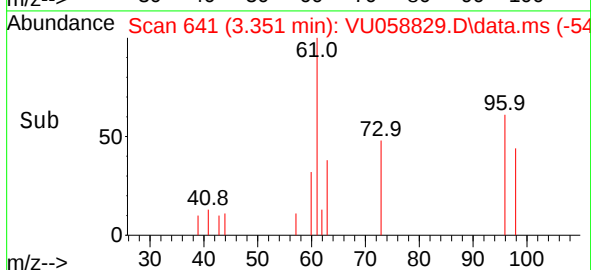
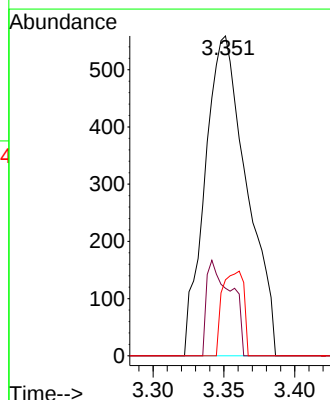
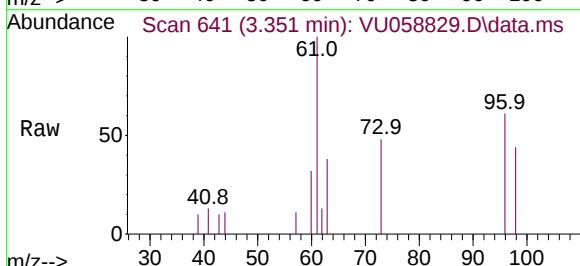
Instrument :
MSVOA_U
ClientSampleId :

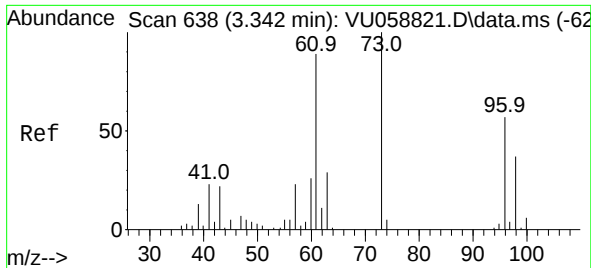
Tgt Ion: 96 Resp: 35497
Ion Ratio Lower Upper
96 100
61 189.4 135.3 251.3
63 103.9 91.9 170.7



#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

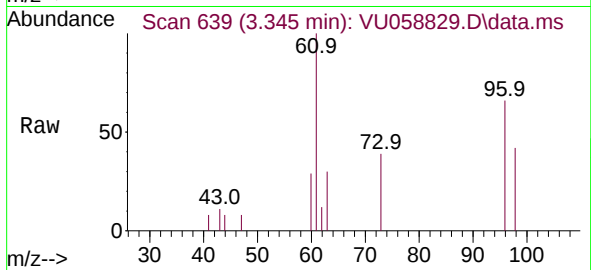
Tgt Ion: 73 Resp: 1147
Ion Ratio Lower Upper
73 100
43 17.4 17.7 26.5#
57 13.5 17.0 25.4#





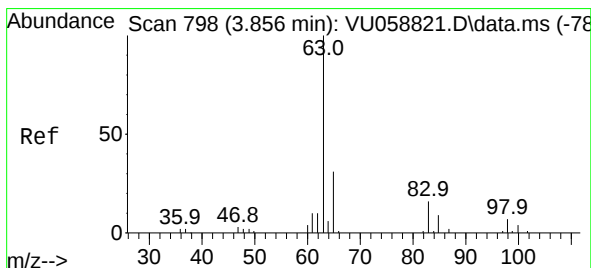
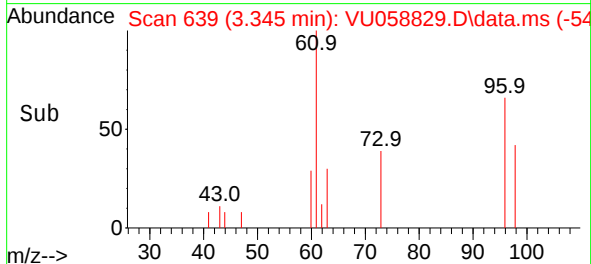
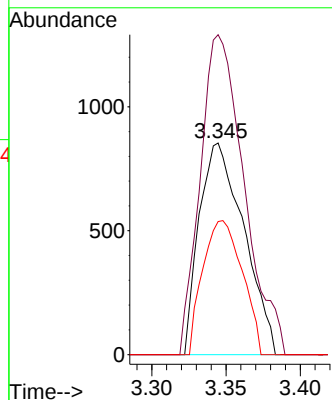
#18
trans-1,2-Dichloroethene
Concen: 0.330 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 1781

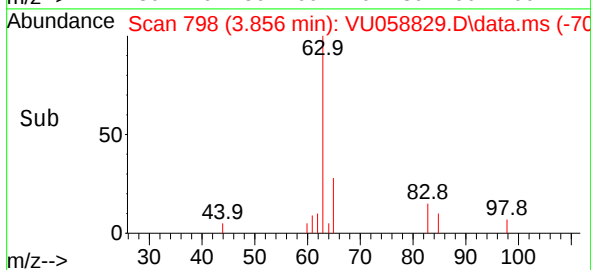
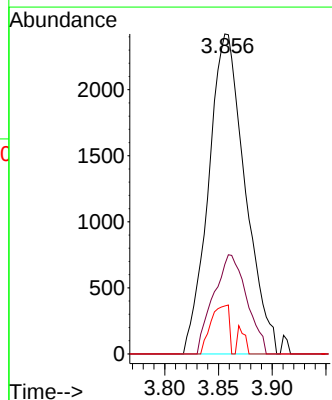
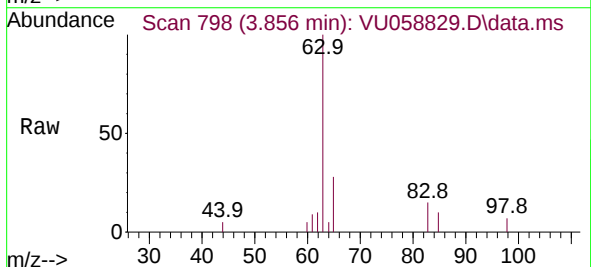
Ion	Ratio	Lower	Upper
96	100		
61	151.2	108.6	201.8
98	62.9	44.4	82.4

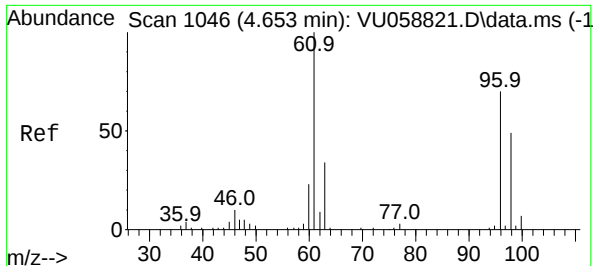


#19
1,1-Dichloroethane
Concen: 0.500 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Tgt Ion: 63 Resp: 5721

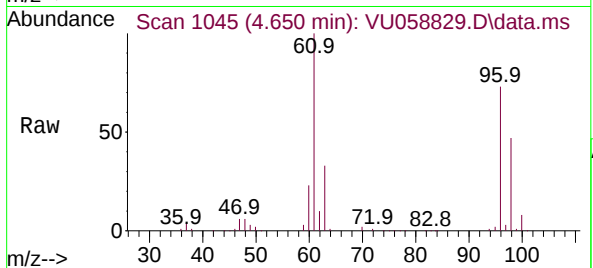
Ion	Ratio	Lower	Upper
63	100		
65	28.0	21.6	40.2
83	15.0	9.5	17.7





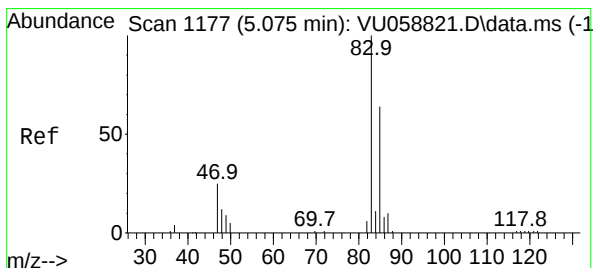
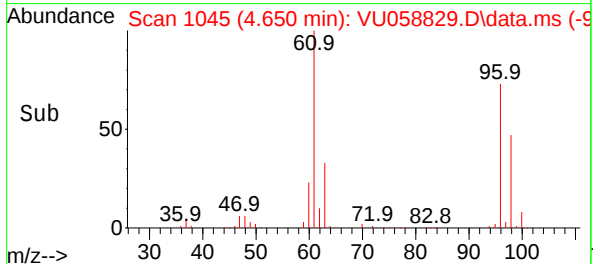
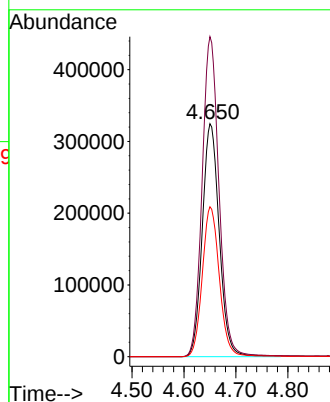
#22
cis-1,2-Dichloroethene
Concen: 124.255 ug/L
RT: 4.650 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 737093

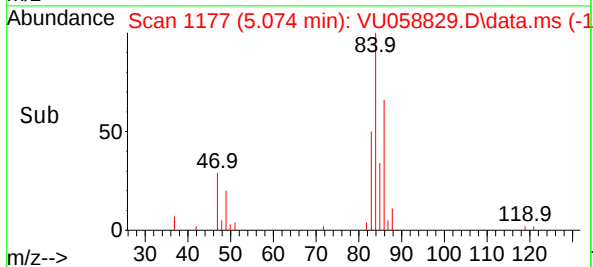
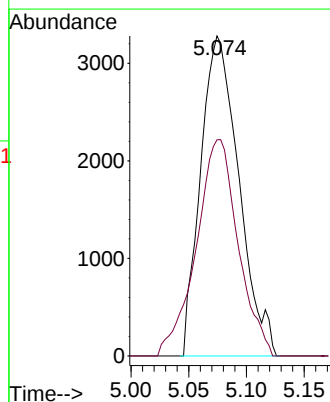
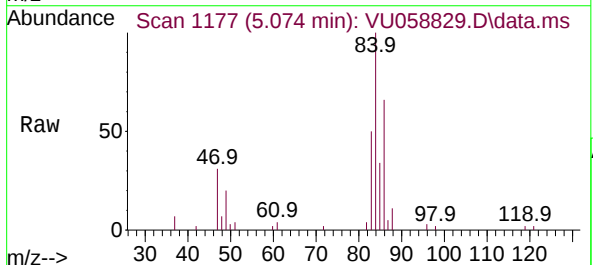
Ion	Ratio	Lower	Upper
96	100		
61	137.4	100.4	186.4
98	64.4	45.1	83.7

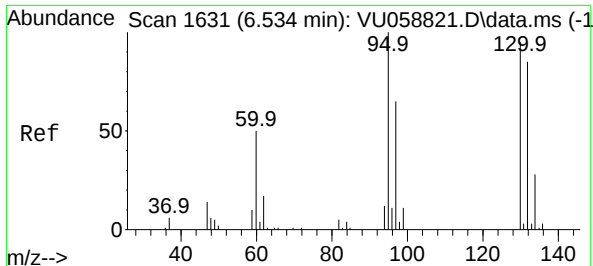


#25
Chloroform
Concen: 0.635 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Tgt Ion: 83 Resp: 7554

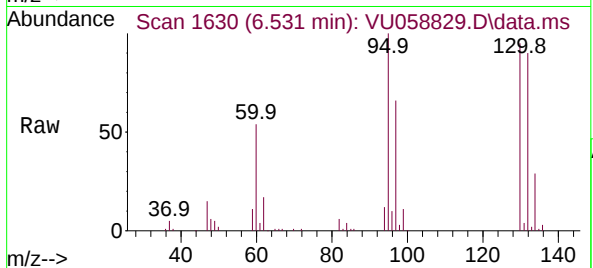
Ion	Ratio	Lower	Upper
83	100		
85	67.6	47.0	87.4



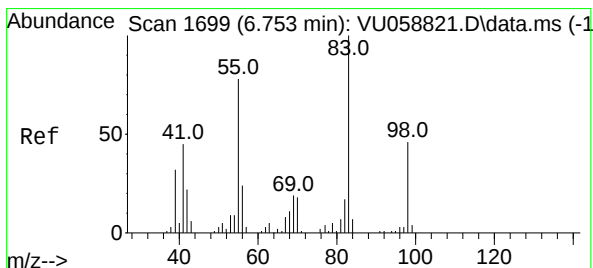
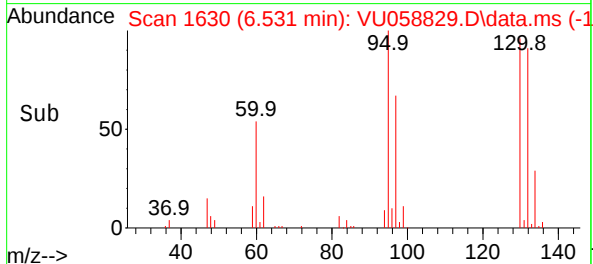
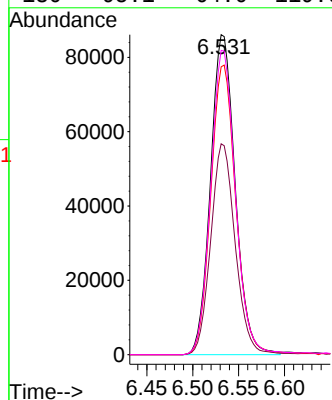


#34
Trichloroethene
Concen: 23.984 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Instrument :
MSVOA_U
ClientSampleId :

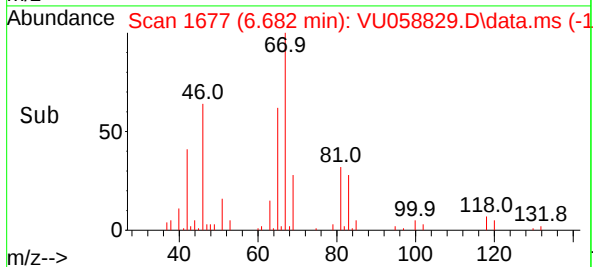
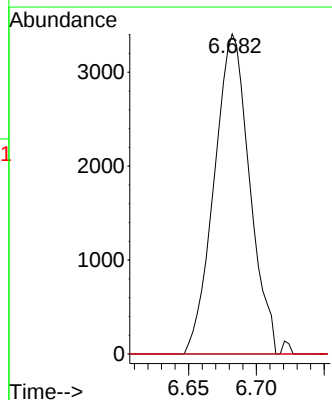
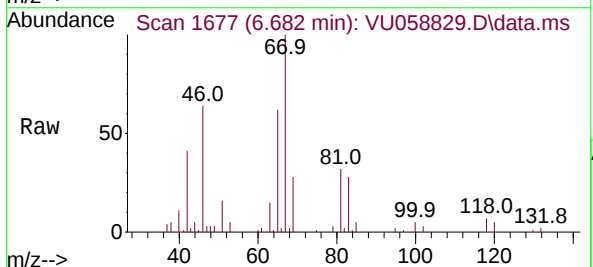


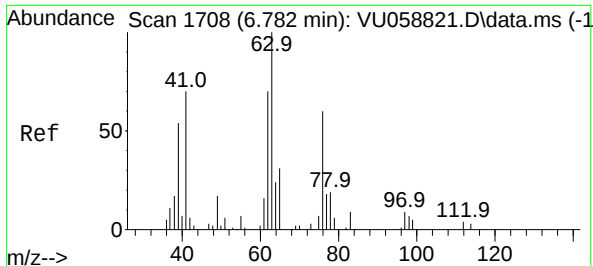
Tgt Ion: 95 Resp: 161377
Ion Ratio Lower Upper
95 100
97 65.9 44.4 82.4
132 90.0 61.6 114.4
130 95.1 64.0 119.0



#35
Methylcyclohexane
Concen: 0.606 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Tgt Ion: 83 Resp: 6193
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.0 35.4 53.2#

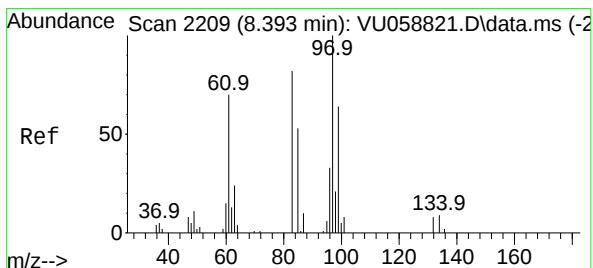
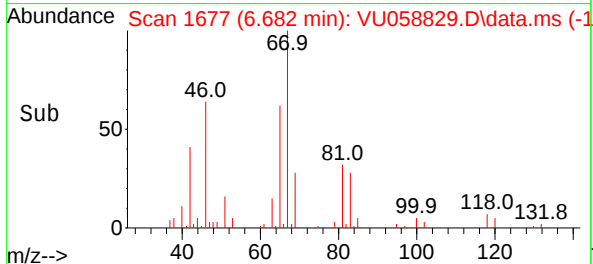
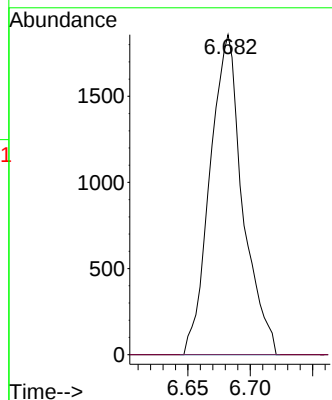
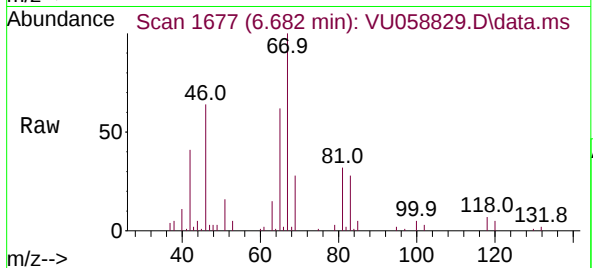




#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

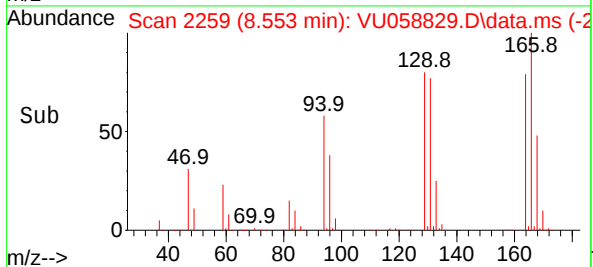
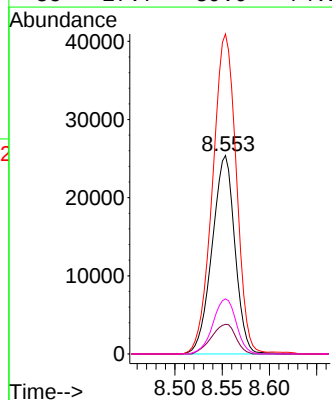
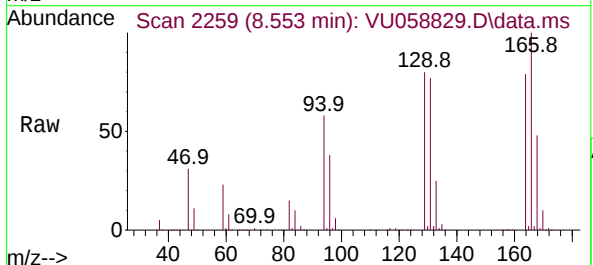
Instrument :
MSVOA_U
ClientSampleId :

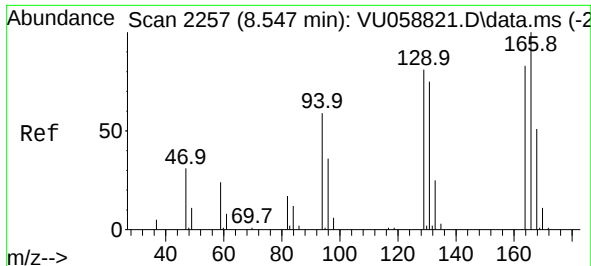
Tgt Ion: 63 Resp: 3391
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#45
1,1,2-Trichloroethane
Concen: 11.458 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.161 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Tgt Ion: 97 Resp: 42583
Ion Ratio Lower Upper
97 100
99 15.0 43.7 81.1#
83 161.3 62.9 116.9#
85 27.7 39.9 74.1#





#47

Tetrachloroethene

Concen: 841.854 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.006 min

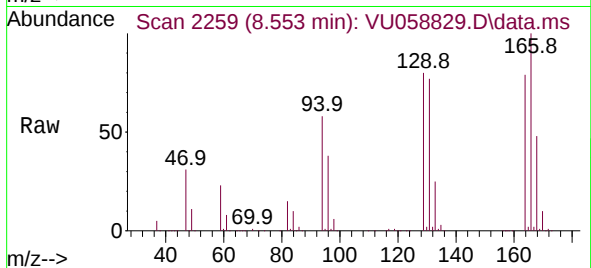
Lab File: VU058829.D

Acq: 06 May 2024 13:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3975399

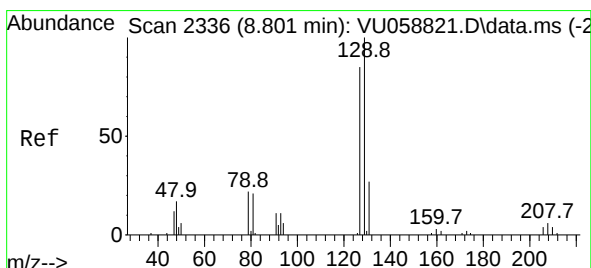
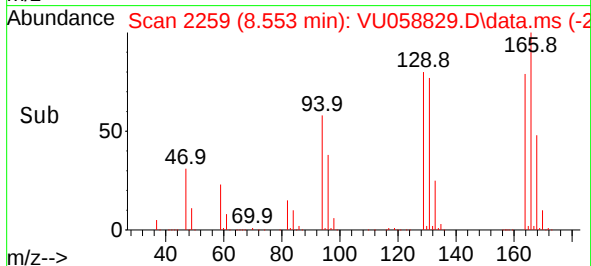
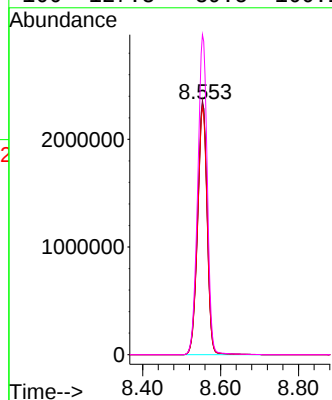
Ion Ratio Lower Upper

164 100

129 101.3 71.5 132.9

131 98.6 65.0 120.6

166 127.3 89.5 166.1



#49

Dibromochloromethane

Concen: 919.780 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.248 min

Lab File: VU058829.D

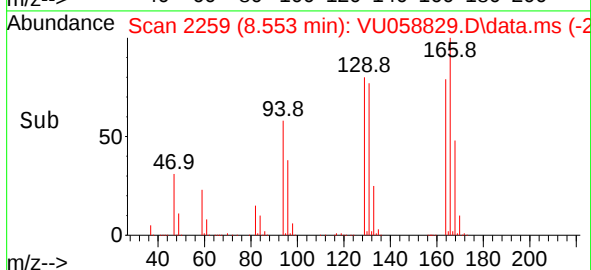
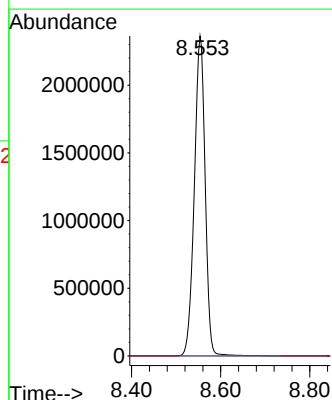
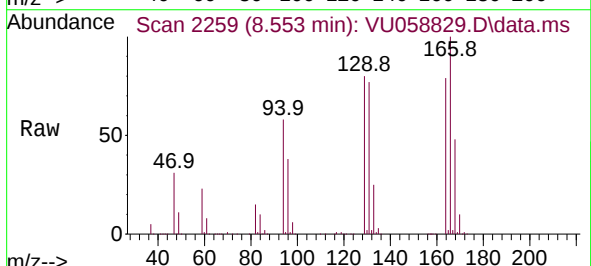
Acq: 06 May 2024 13:02

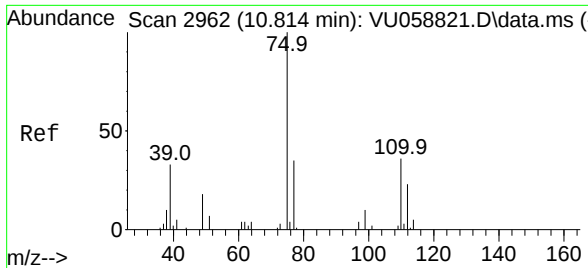
Tgt Ion:129 Resp: 4003551

Ion Ratio Lower Upper

129 100

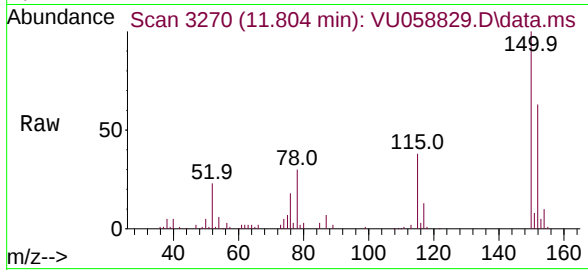
127 0.0 51.0 94.8#





#61
1,2,3-Trichloropropane
Concen: 1.211 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058829.D
Acq: 06 May 2024 13:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	3540
Ion	Ratio	Lower	Upper
75	100		
110	1.2	28.6	43.0#
77	38.1	25.4	38.2

