

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062739.D
 Acq On : 14 Jan 2025 13:18
 Operator : MD/SY
 Sample : Q1057-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:34:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

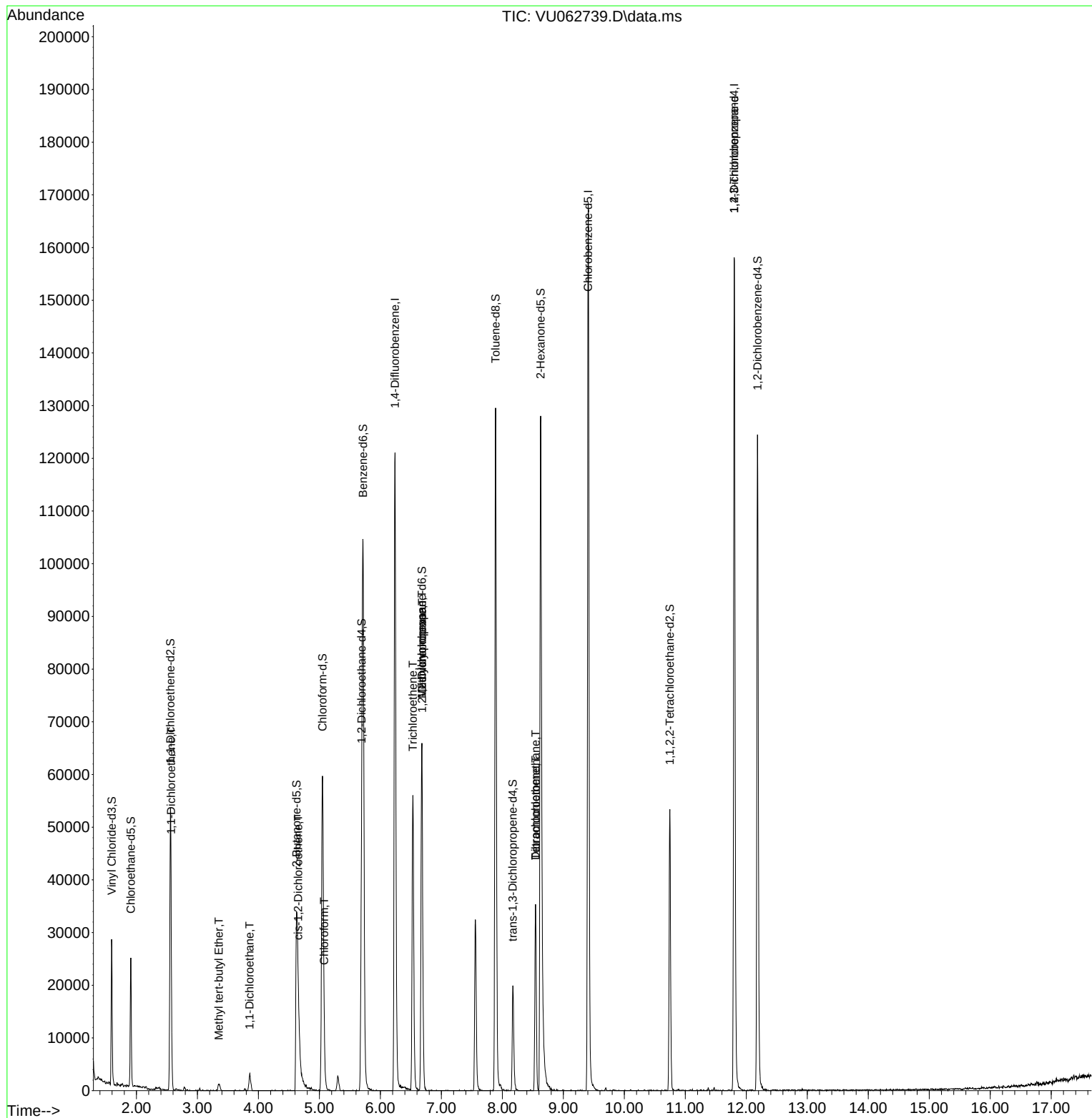
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	101262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	97092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	45155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	18421	3.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.908	69	16710	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.557	65	9899	3.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.625	46	59100	51.560	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.120%
24) Chloroform-d	5.049	84	59130	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	33081	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.715	84	97239	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.679	67	28722	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.888	98	88272	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.171	79	13458	4.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.625	63	48367	46.884	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	25278	4.587	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	34605	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	1715	0.273	ug/L #	1
17) Methyl tert-butyl Ether	3.351	73	1948	0.113	ug/L #	73
19) 1,1-Dichloroethane	3.856	63	3824	0.318	ug/L	92
22) cis-1,2-Dichloroethene	4.654	96	2451	0.334	ug/L #	81
25) Chloroform	5.078	83	3044	0.205	ug/L	79
34) Trichloroethene	6.531	95	19903	2.089	ug/L	98
35) Methylcyclohexane	6.679	83	7760	0.662	ug/L #	23
37) 1,2-Dichloropropane	6.683	63	3955	0.601	ug/L #	85
47) Tetrachloroethene	8.544	164	7929	1.208	ug/L	95
49) Dibromochloromethane	8.544	129	7608	1.060	ug/L #	12
61) 1,2,3-Trichloropropane	11.801	75	4362	1.089	ug/L #	58

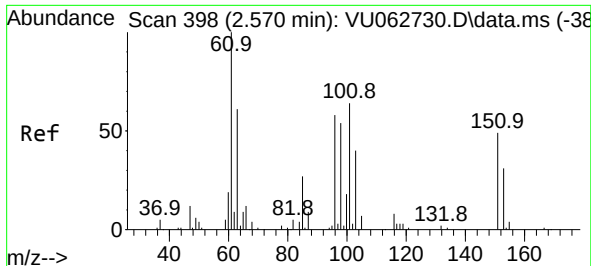
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.273 ug/L

RT: 2.567 min Scan# 398

Delta R.T. -0.003 min

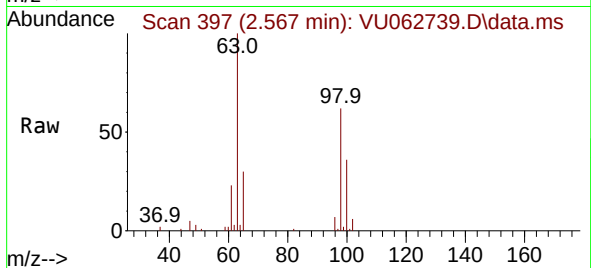
Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

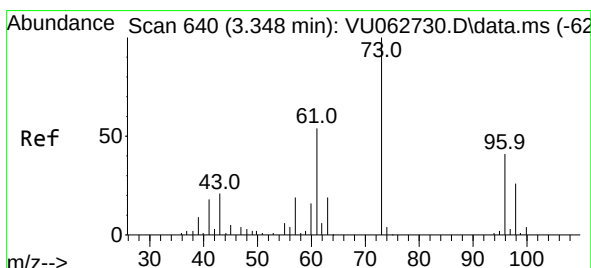
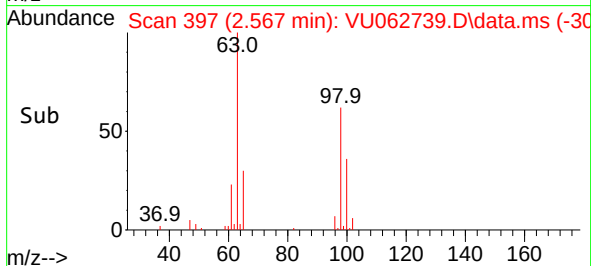
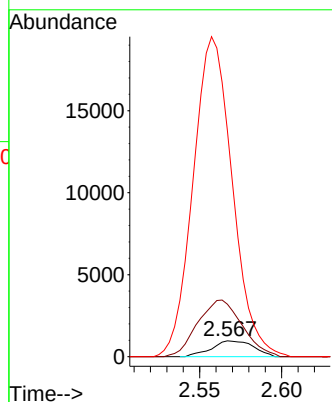
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1715
Ion	Ratio	Lower	Upper
96	100		
61	330.5	120.4	223.6#
63	1422.6	82.3	152.9#



#17

Methyl tert-butyl Ether

Concen: 0.113 ug/L

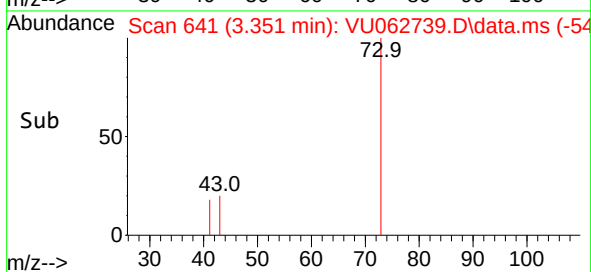
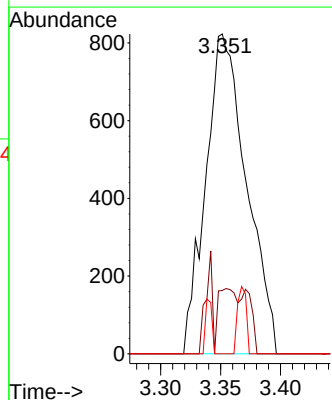
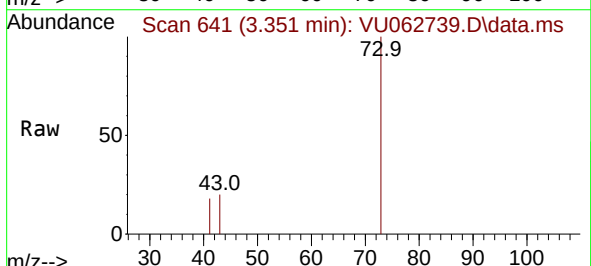
RT: 3.351 min Scan# 641

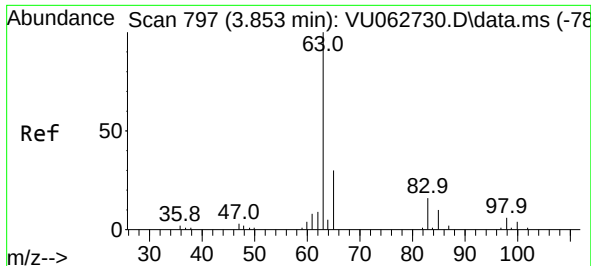
Delta R.T. 0.003 min

Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

Tgt Ion:	73	Resp:	1948
Ion	Ratio	Lower	Upper
73	100		
43	9.3	16.2	24.4#
57	4.6	14.6	22.0#





#19

1,1-Dichloroethane

Concen: 0.318 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062739.D

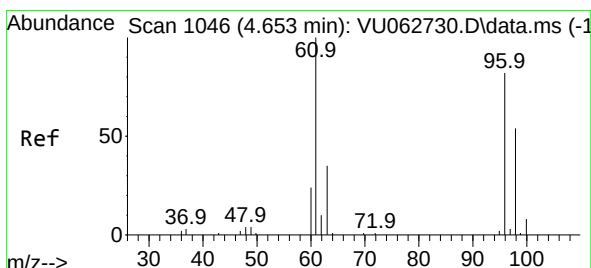
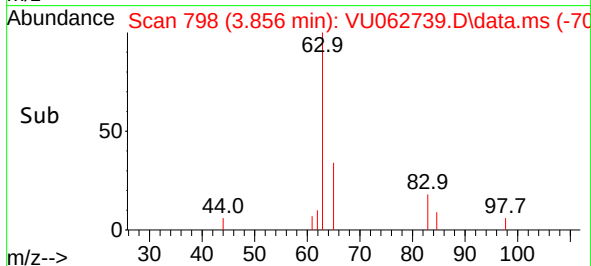
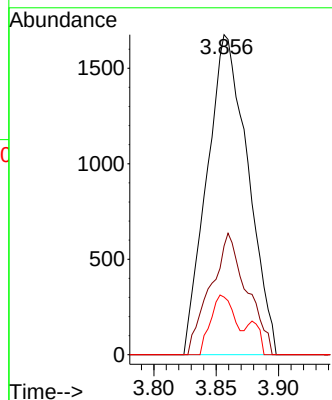
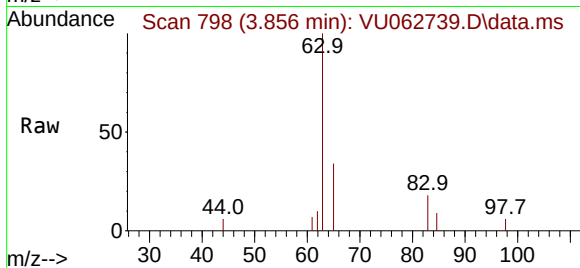
Acq: 14 Jan 2025 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3824
Ion Ratio	Lower Upper
63	100
65	33.9 20.7 38.5
83	18.0 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 0.334 ug/L

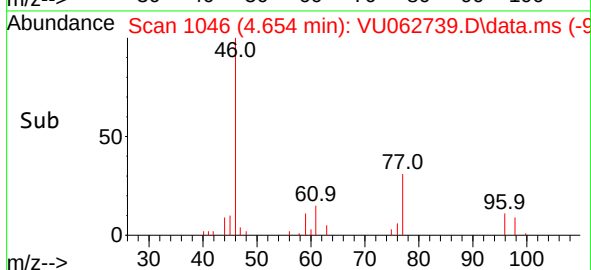
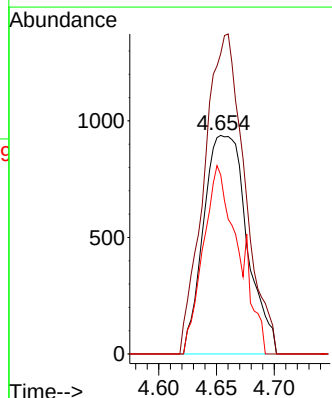
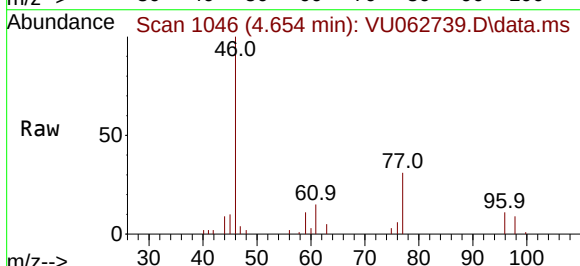
RT: 4.654 min Scan# 1046

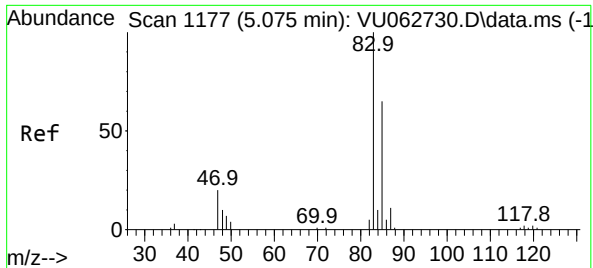
Delta R.T. 0.000 min

Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

Tgt Ion: 96	Resp: 2451
Ion Ratio	Lower Upper
96	100
61	137.3 84.8 157.6
98	82.0 43.1 80.1





#25

Chloroform

Concen: 0.205 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

Instrument :

MSVOA_U

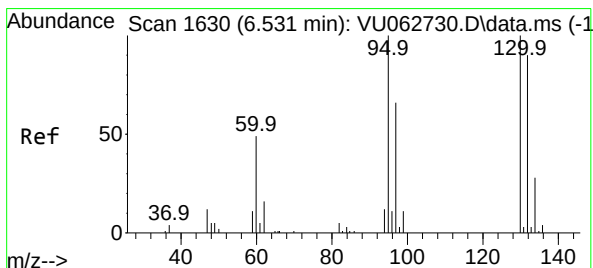
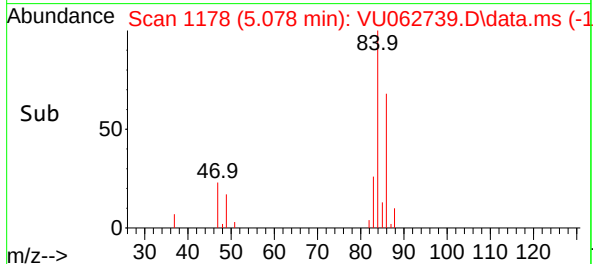
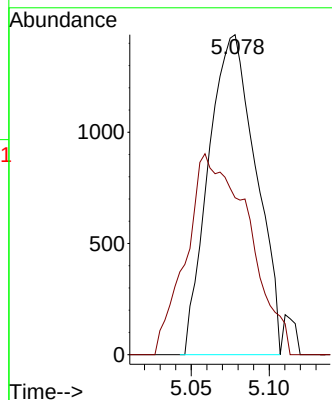
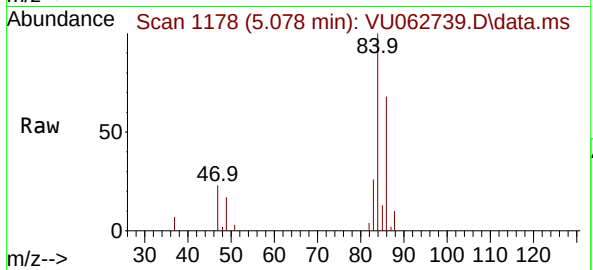
ClientSampleId :

Tgt Ion: 83 Resp: 3044

Ion Ratio Lower Upper

83 100

85 49.1 45.8 85.2



#34

Trichloroethene

Concen: 2.089 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

Tgt Ion: 95 Resp: 19903

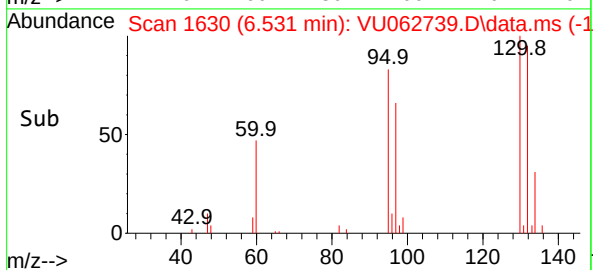
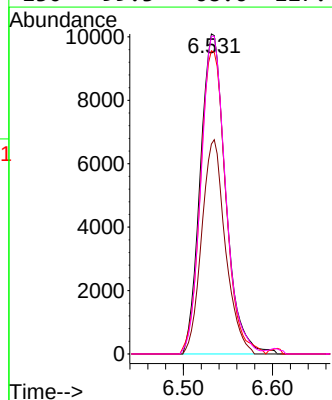
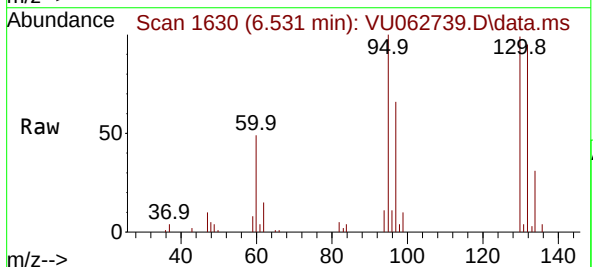
Ion Ratio Lower Upper

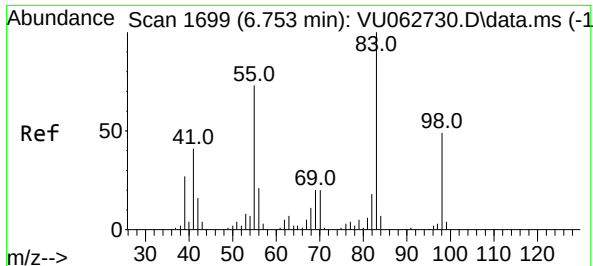
95 100

97 65.6 47.5 88.3

132 94.7 66.9 124.3

130 99.3 68.6 127.4





#35

Methylcyclohexane

Concen: 0.662 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062739.D

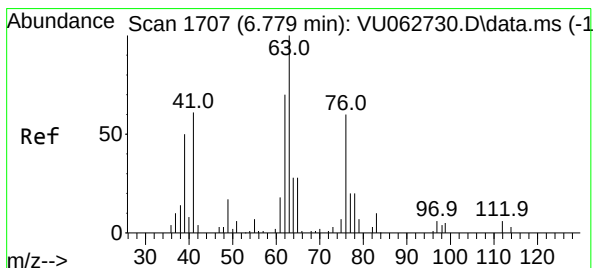
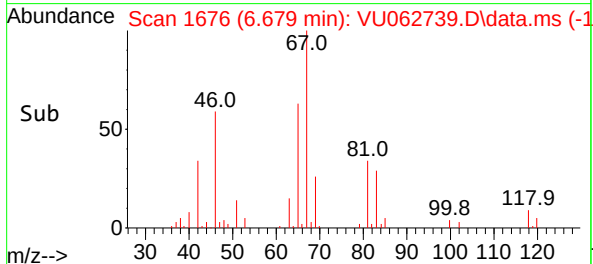
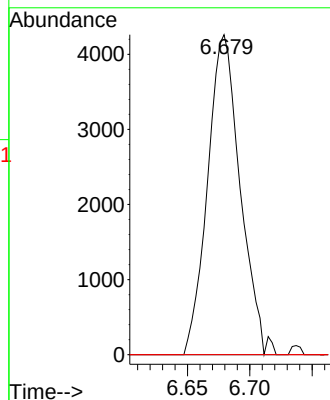
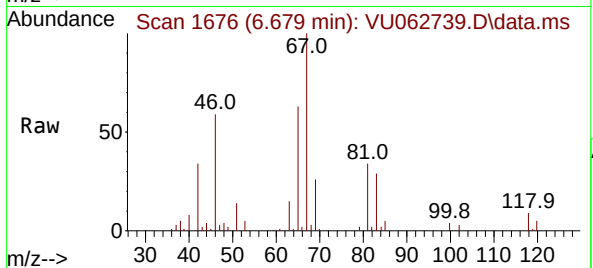
Acq: 14 Jan 2025 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	7760
Ion Ratio	Lower	Upper
83	100	
55	0.0	57.2 85.8#
98	4.5	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.601 ug/L

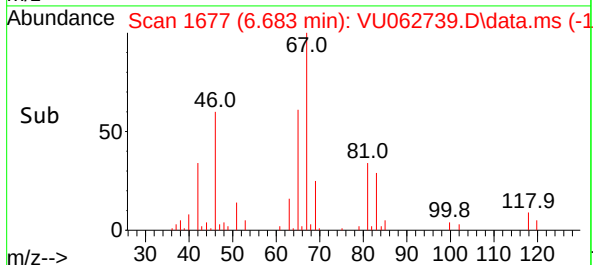
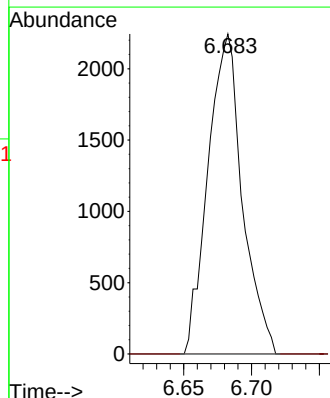
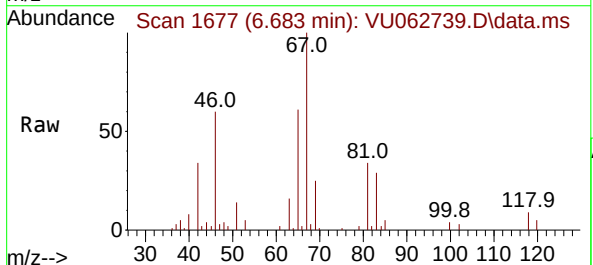
RT: 6.683 min Scan# 1677

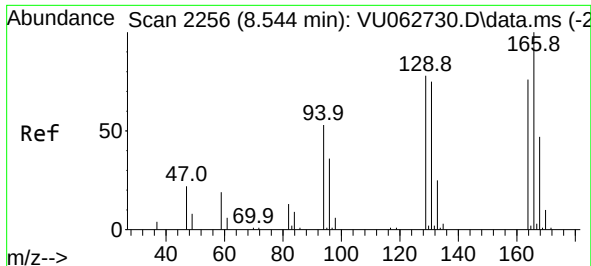
Delta R.T. -0.096 min

Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

Tgt Ion: 63	Resp:	3955
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.8#





#47

Tetrachloroethene

Concen: 1.208 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

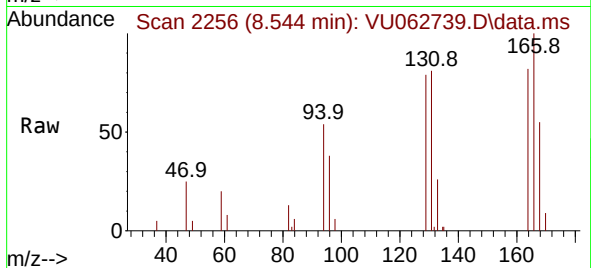
Lab File: VU062739.D

Acq: 14 Jan 2025 13:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 7929

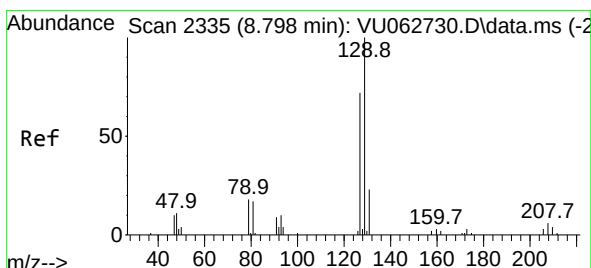
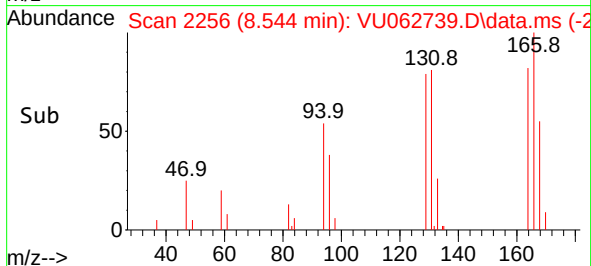
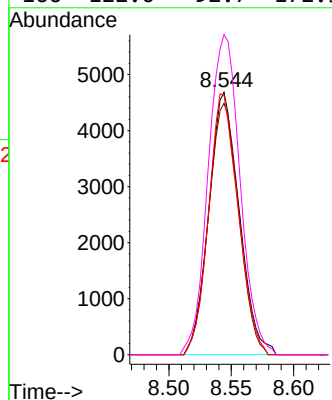
Ion Ratio Lower Upper

164 100

129 95.8 71.0 131.9

131 98.9 69.4 129.0

166 122.0 92.7 172.3



#49

Dibromochloromethane

Concen: 1.060 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU062739.D

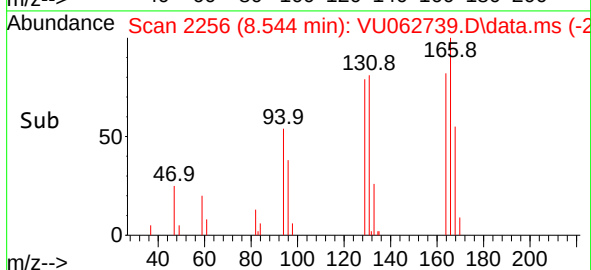
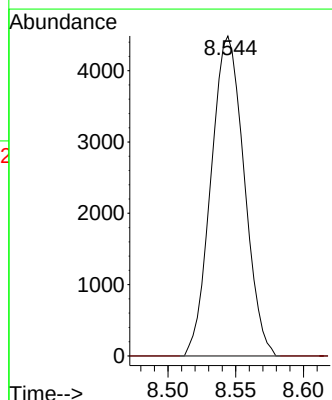
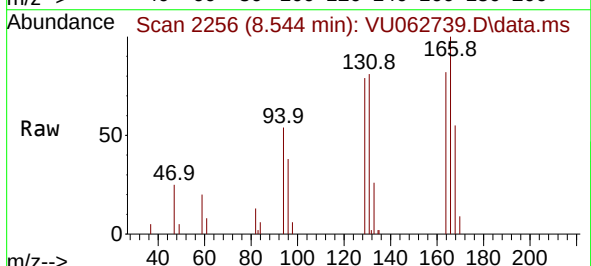
Acq: 14 Jan 2025 13:18

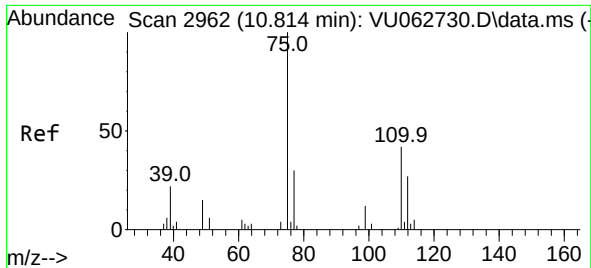
Tgt Ion:129 Resp: 7608

Ion Ratio Lower Upper

129 100

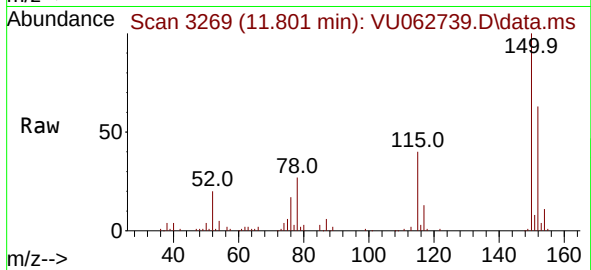
127 0.0 52.1 96.9#





#61
1,2,3-Trichloropropane
Concen: 1.089 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU062739.D
Acq: 14 Jan 2025 13:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4362
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 39.2 25.9 38.9#

