

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062825.D
 Acq On : 16 Jan 2025 17:20
 Operator : MD/SY
 Sample : Q1084-04DL 50X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:08:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

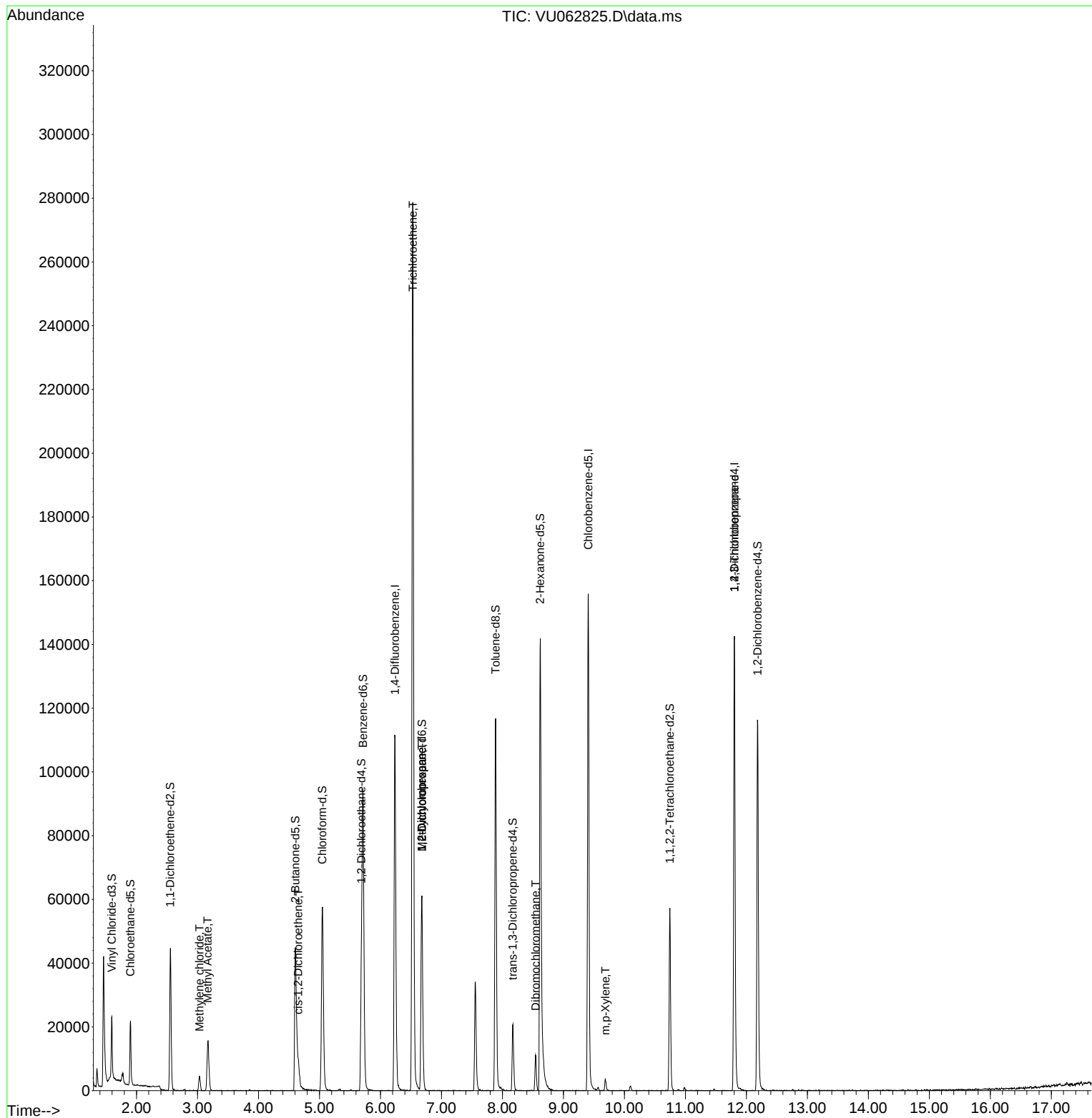
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	13586	2.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.901	69	14339	3.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.554	65	8213	3.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.605	46	61060	59.503	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.000%
24) Chloroform-d	5.045	84	56852	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.689	65	33216	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.714	84	87677	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.679	67	26491	4.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.888	98	80526	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.171	79	13218	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.618	63	49765	52.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25912	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	33811	4.955	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
15) Methyl Acetate	3.164	43	1211	0.688	ug/L #	44
16) Methylene chloride	3.033	84	2336	0.379	ug/L #	76
22) cis-1,2-Dichloroethene	4.653	96	2800	0.426	ug/L	97
34) Trichloroethene	6.531	95	96563	11.064	ug/L	97
35) Methylcyclohexane	6.679	83	7973	0.742	ug/L #	44
37) 1,2-Dichloropropane	6.679	63	3790	0.629	ug/L #	85
49) Dibromochloromethane	8.544	129	2520	0.383	ug/L #	12
53) m,p-Xylene	9.688	106	1230	0.104	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	4025	1.106	ug/L #	58

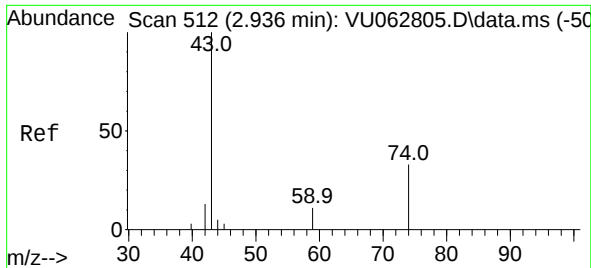
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.688 ug/L

RT: 3.164 min Scan# 512

Delta R.T. 0.228 min

Lab File: VU062825.D

Acq: 16 Jan 2025 17:20

Instrument :

MSVOA_U

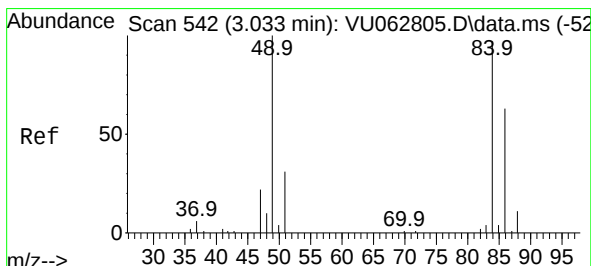
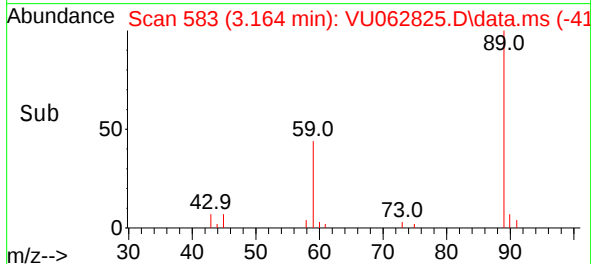
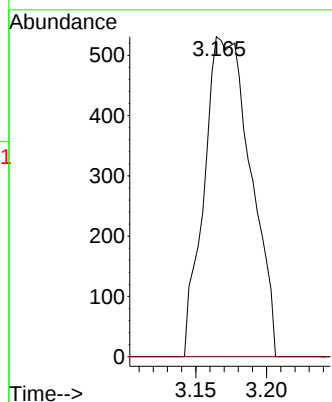
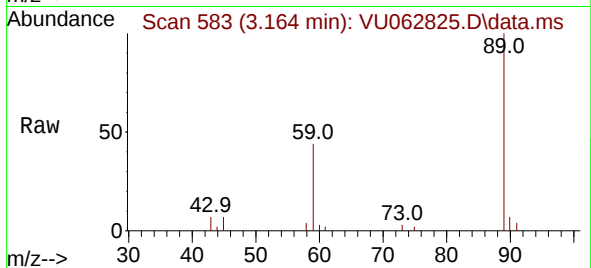
ClientSampleId :

Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

74 0.0 24.4 36.6#



#16

Methylene chloride

Concen: 0.379 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU062825.D

Acq: 16 Jan 2025 17:20

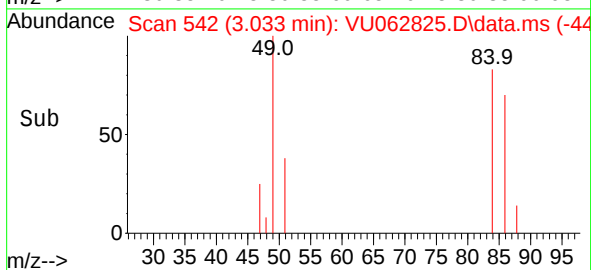
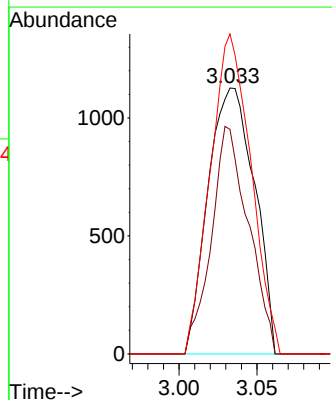
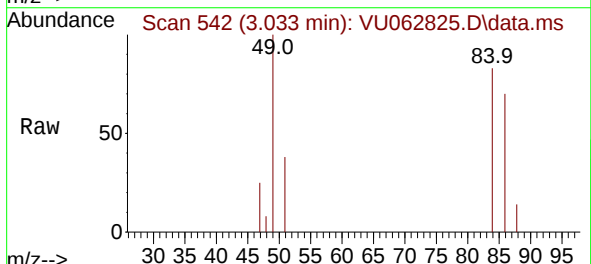
Tgt Ion: 84 Resp: 2336

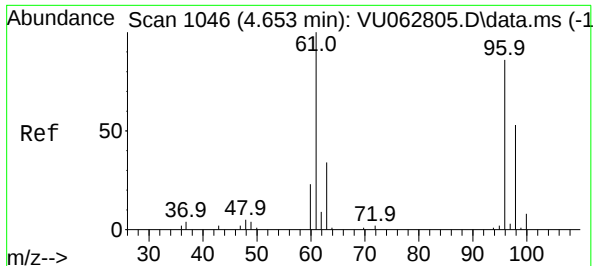
Ion Ratio Lower Upper

84 100

86 84.5 44.7 83.1#

49 120.3 68.3 126.9





#22

cis-1,2-Dichloroethene

Concen: 0.426 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU062825.D

Acq: 16 Jan 2025 17:20

Instrument :

MSVOA_U

ClientSampleId :

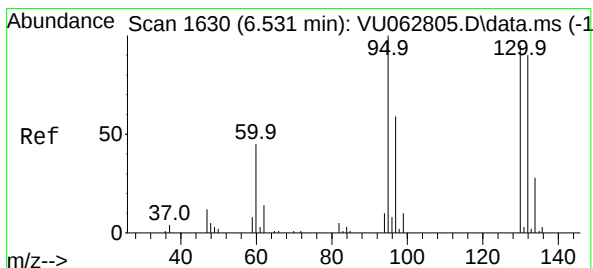
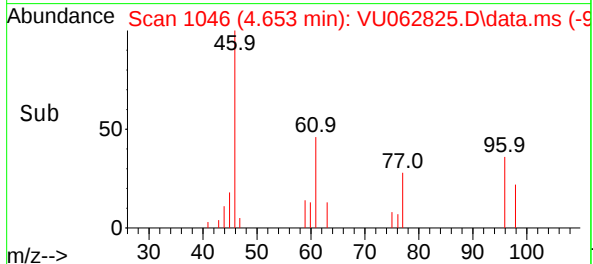
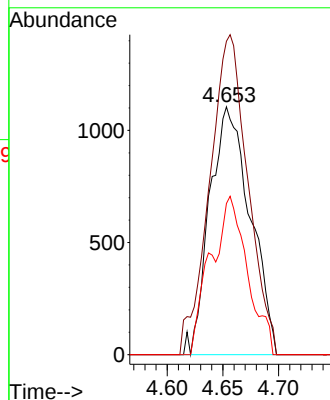
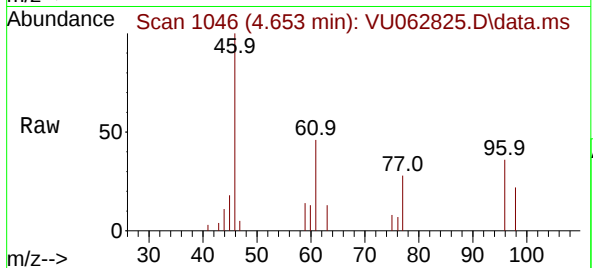
Tgt Ion: 96 Resp: 2800

Ion Ratio Lower Upper

96 100

61 126.5 84.8 157.6

98 61.0 43.1 80.1



#34

Trichloroethene

Concen: 11.064 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VU062825.D

Acq: 16 Jan 2025 17:20

Tgt Ion: 95 Resp: 96563

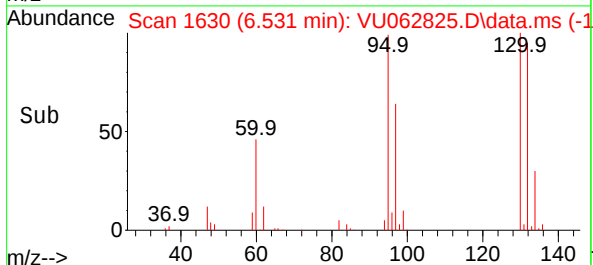
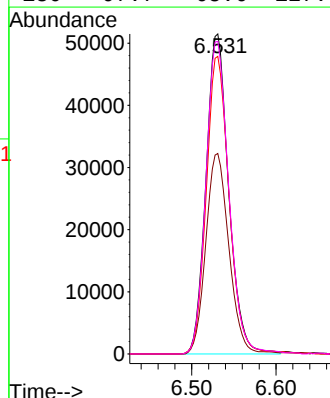
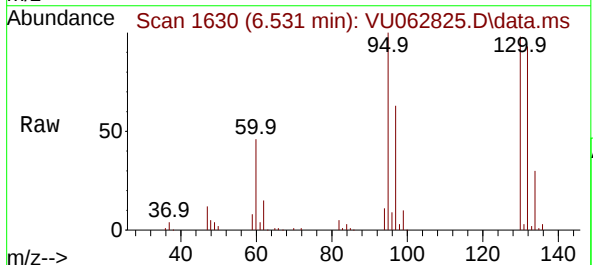
Ion Ratio Lower Upper

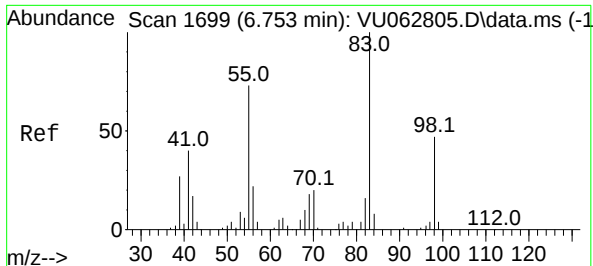
95 100

97 62.7 47.5 88.3

132 93.0 66.9 124.3

130 97.7 68.6 127.4





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062825.D

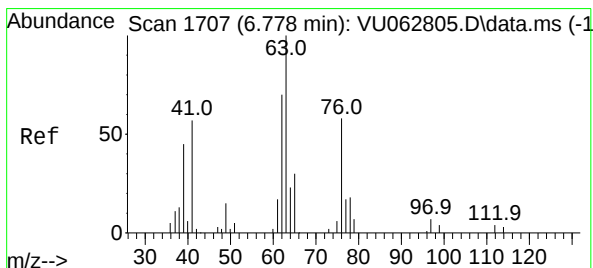
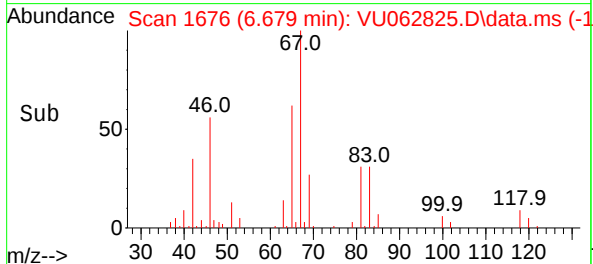
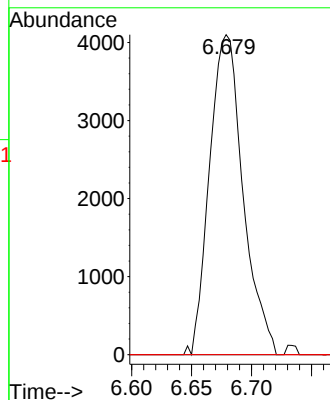
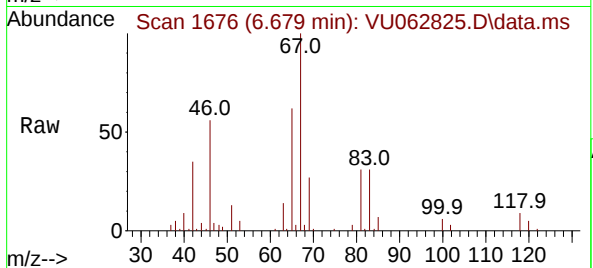
Acq: 16 Jan 2025 17:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	7973
Ion	Ratio	Lower Upper
83	100	
55	0.0	57.2 85.8#
98	40.2	36.6 55.0



#37

1,2-Dichloropropane

Concen: 0.629 ug/L

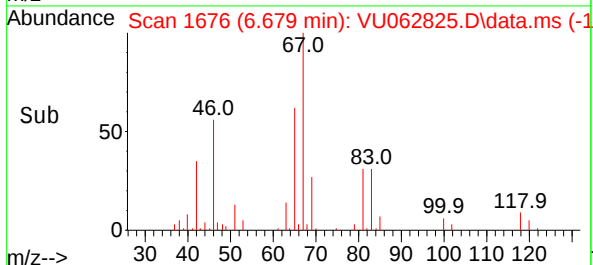
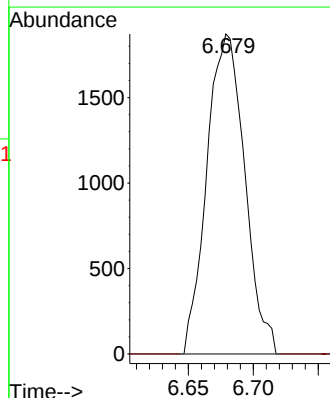
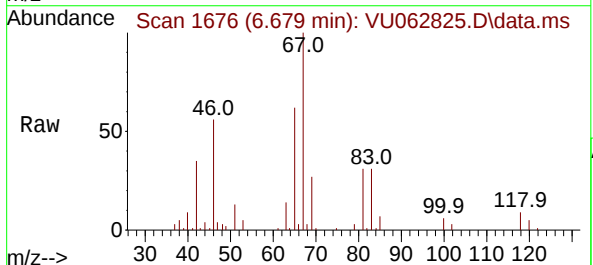
RT: 6.679 min Scan# 1676

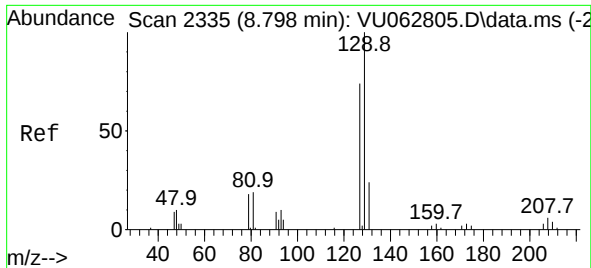
Delta R.T. -0.100 min

Lab File: VU062825.D

Acq: 16 Jan 2025 17:20

Tgt Ion: 63	Resp:	3790
Ion	Ratio	Lower Upper
63	100	
112	0.0	3.8 5.8#





#49

Dibromochloromethane

Concen: 0.383 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062825.D

Acq: 16 Jan 2025 17:20

Instrument :

MSVOA_U

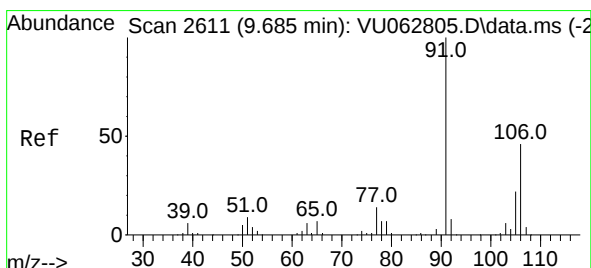
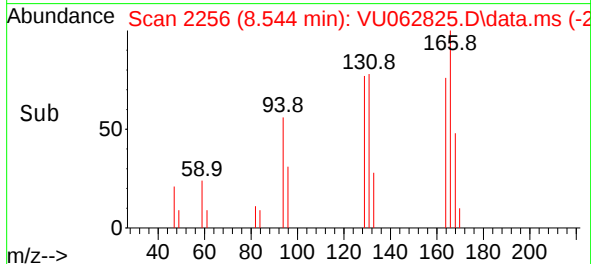
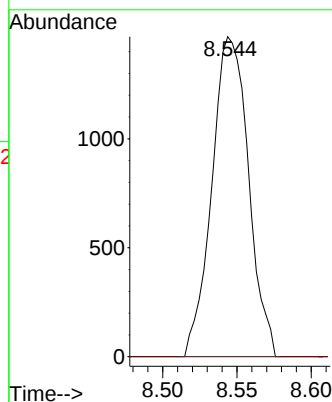
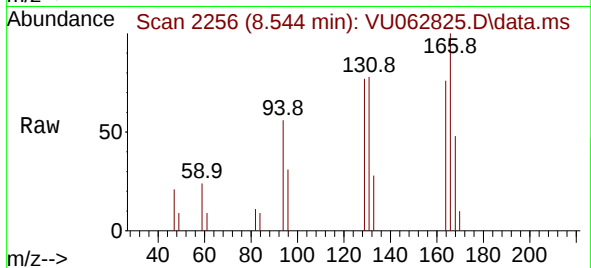
ClientSampleId :

Tgt Ion:129 Resp: 2520

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#



#53

m,p-Xylene

Concen: 0.104 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU062825.D

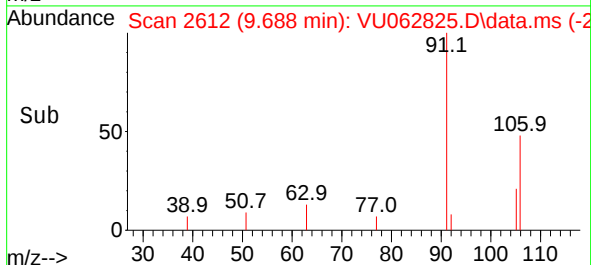
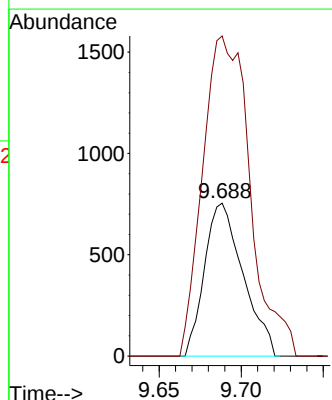
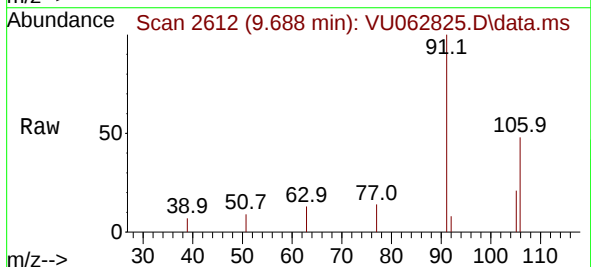
Acq: 16 Jan 2025 17:20

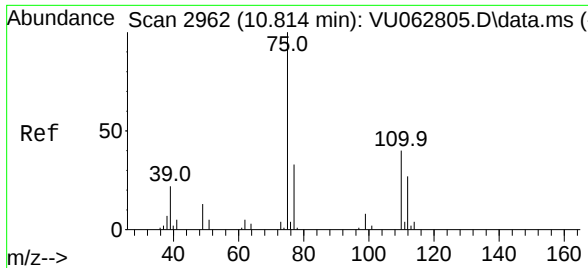
Tgt Ion:106 Resp: 1230

Ion Ratio Lower Upper

106 100

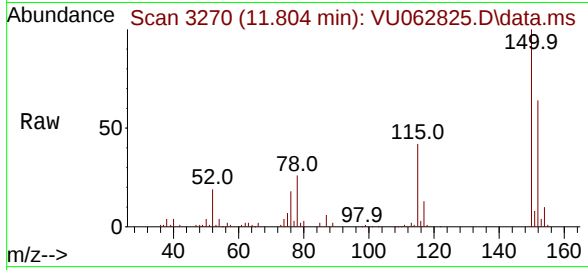
91 209.3 153.1 284.3





#61
 1,2,3-Trichloropropane
 Concen: 1.106 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062825.D
 Acq: 16 Jan 2025 17:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4025
Ion	Ratio	Lower	Upper
75	100		
110	1.7	33.2	49.8#
77	40.4	25.9	38.9#

