

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062723.D
 Acq On : 13 Jan 2025 17:37
 Operator : MD/SY
 Sample : Q1058-07DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 19:04:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

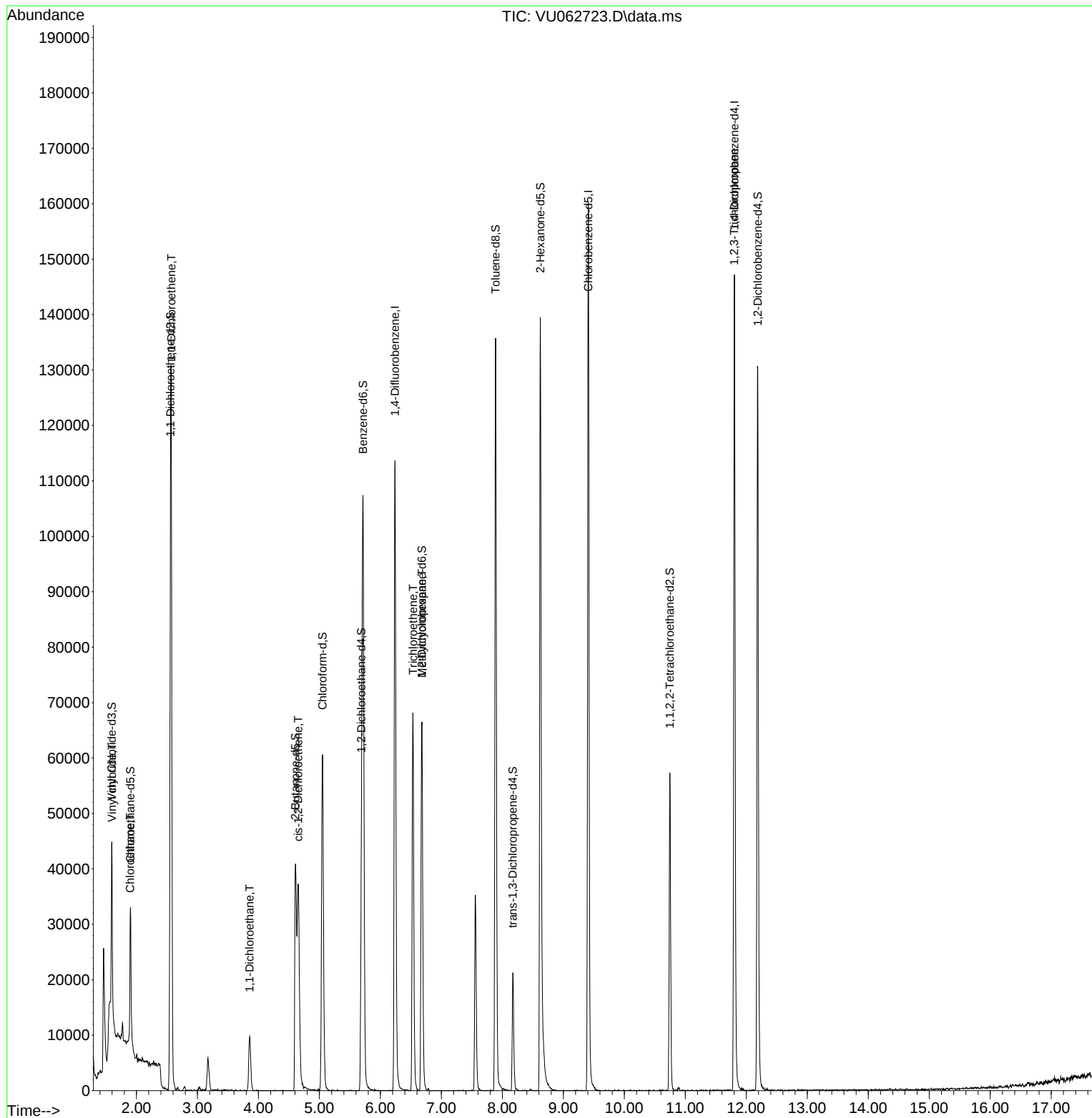
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19481	3.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.901	69	17672	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.557	65	10708	4.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.605	46	56007	53.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.620%
24) Chloroform-d	5.049	84	59283	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.689	65	36137	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	99984	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.679	67	30385	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.888	98	93348	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.171	79	13464	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.621	63	48394	52.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25948	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	36067	5.235	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
5) Vinyl chloride	1.599	62	3198	0.479	ug/L #	1
8) Chloroethane	1.895	64	845	0.210	ug/L #	53
12) 1,1-Dichloroethene	2.570	96	34645	6.013	ug/L	89
19) 1,1-Dichloroethane	3.856	63	11775	1.067	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	18714	2.784	ug/L	97
34) Trichloroethene	6.534	95	23763	2.781	ug/L	97
35) Methylcyclohexane	6.679	83	8403	0.799	ug/L #	25
61) 1,2,3-Trichloropropane	11.801	75	4215	1.147	ug/L #	58

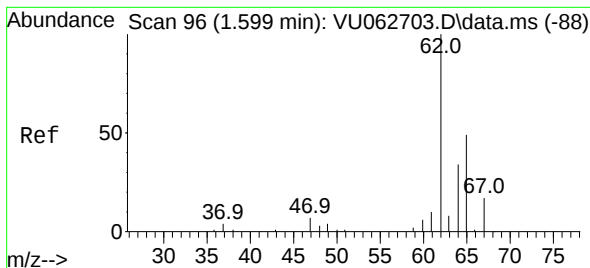
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 13 18:58:58 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.479 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062723.D

Acq: 13 Jan 2025 17:37

Instrument :

MSVOA_U

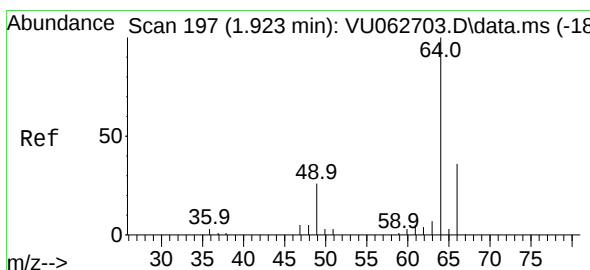
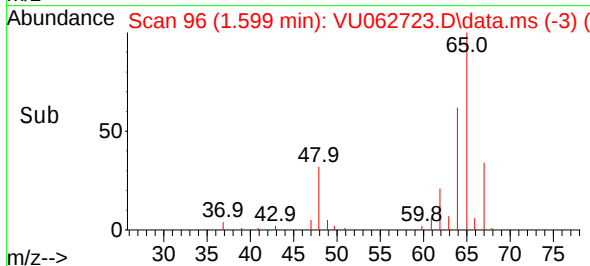
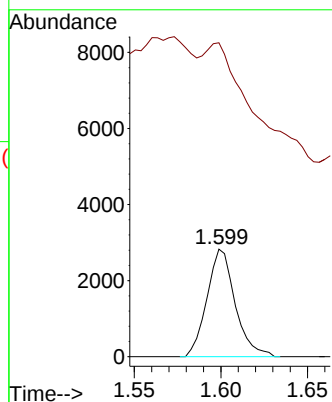
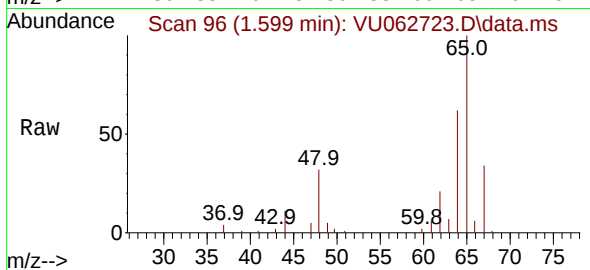
ClientSampleId :

Tgt Ion: 62 Resp: 3198

Ion Ratio Lower Upper

62 100

64 292.1 23.4 43.4#



#8

Chloroethane

Concen: 0.210 ug/L

RT: 1.895 min Scan# 188

Delta R.T. -0.029 min

Lab File: VU062723.D

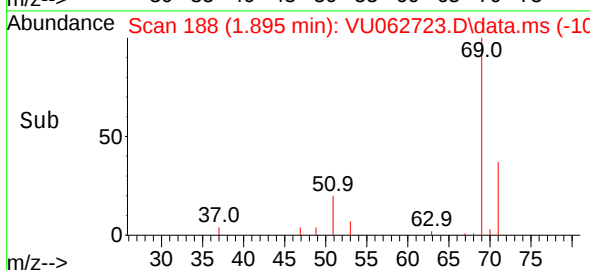
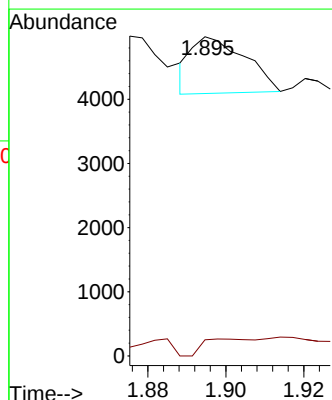
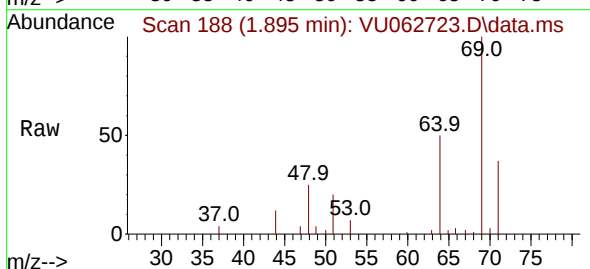
Acq: 13 Jan 2025 17:37

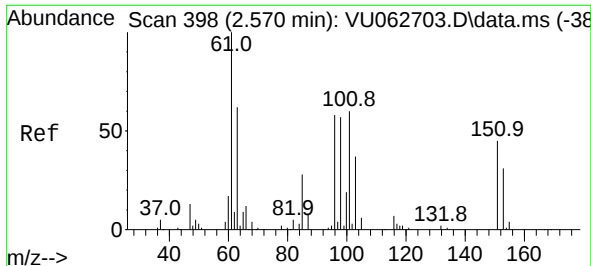
Tgt Ion: 64 Resp: 845

Ion Ratio Lower Upper

64 100

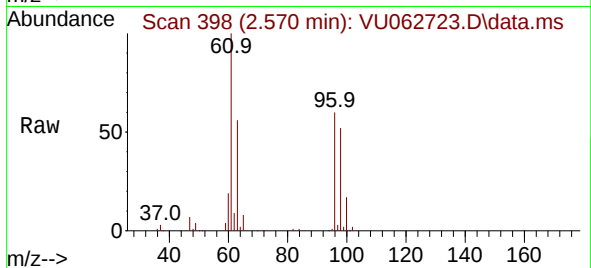
66 5.1 21.6 40.2#



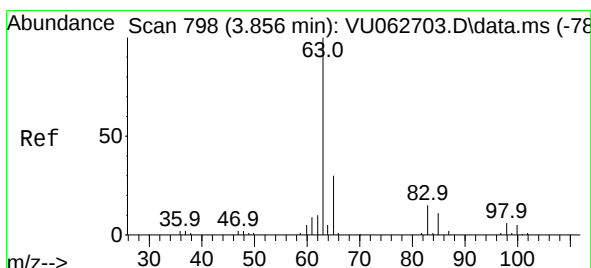
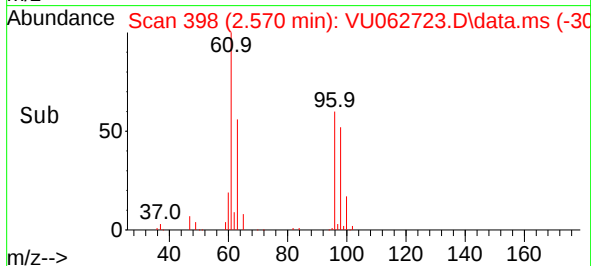
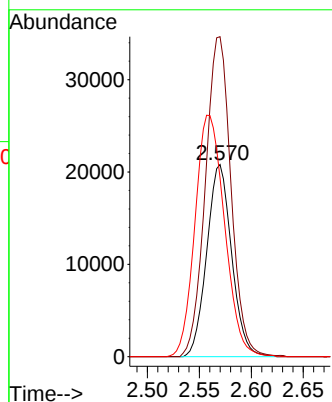


#12
1,1-Dichloroethene
Concen: 6.013 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062723.D
Acq: 13 Jan 2025 17:37

Instrument :
MSVOA_U
ClientSampleId :

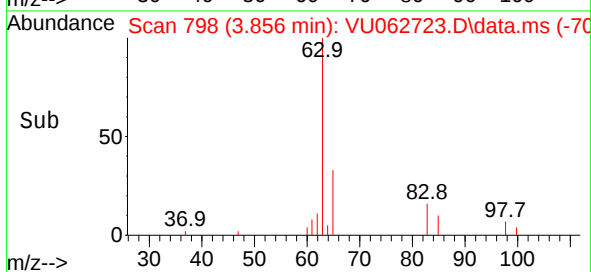
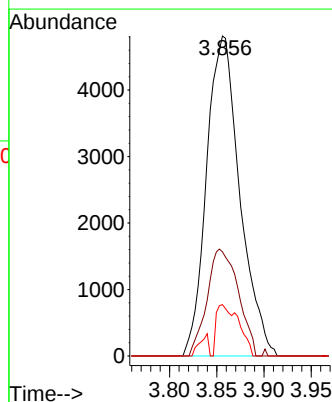
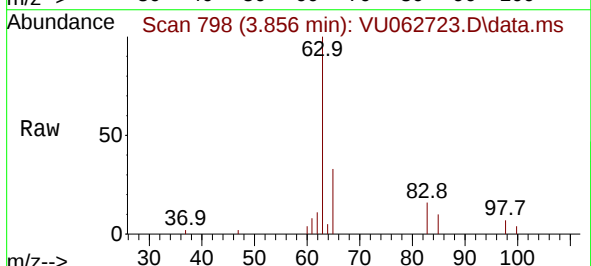


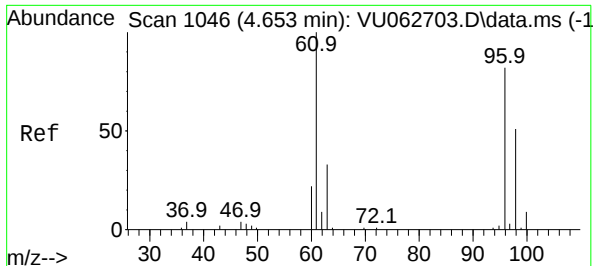
Tgt Ion: 96 Resp: 34645
Ion Ratio Lower Upper
96 100
61 166.6 120.4 223.6
63 93.0 82.3 152.9



#19
1,1-Dichloroethane
Concen: 1.067 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU062723.D
Acq: 13 Jan 2025 17:37

Tgt Ion: 63 Resp: 11775
Ion Ratio Lower Upper
63 100
65 32.6 20.7 38.5
83 16.0 10.5 19.5

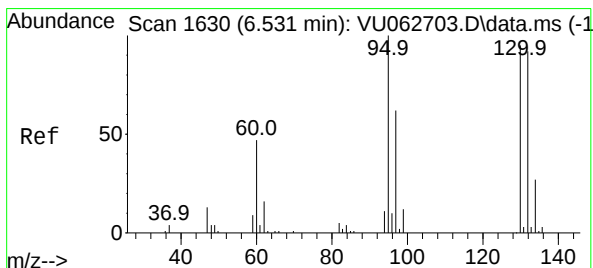
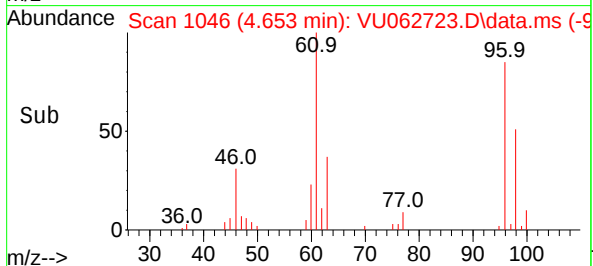
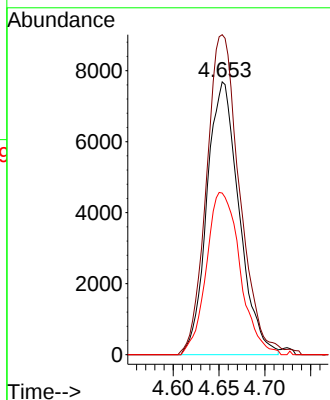
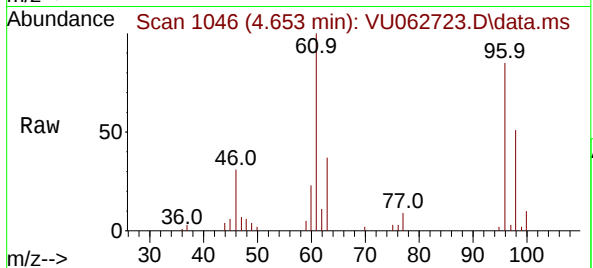




#22
cis-1,2-Dichloroethene
Concen: 2.784 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062723.D
Acq: 13 Jan 2025 17:37

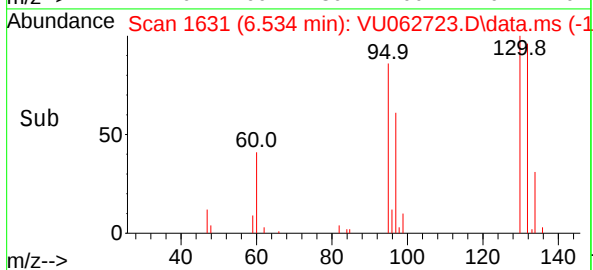
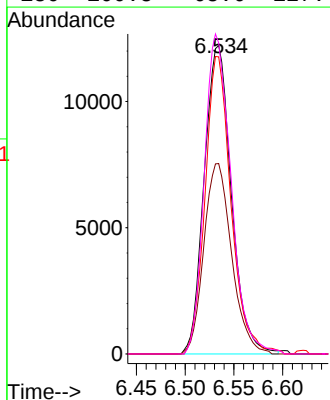
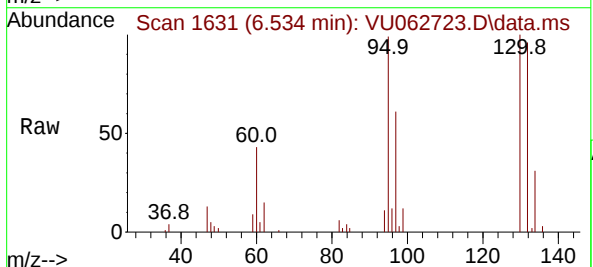
Instrument :
MSVOA_U
ClientSampleId :

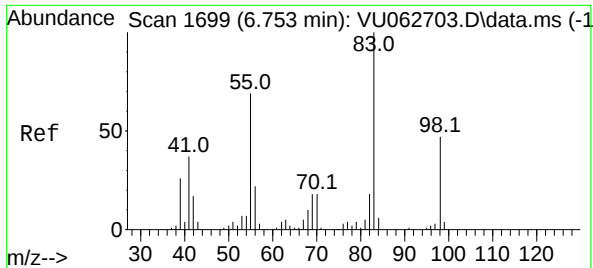
Tgt Ion: 96 Resp: 18714
Ion Ratio Lower Upper
96 100
61 117.3 84.8 157.6
98 59.2 43.1 80.1



#34
Trichloroethene
Concen: 2.781 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU062723.D
Acq: 13 Jan 2025 17:37

Tgt Ion: 95 Resp: 23763
Ion Ratio Lower Upper
95 100
97 61.7 47.5 88.3
132 96.3 66.9 124.3
130 100.8 68.6 127.4





#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062723.D

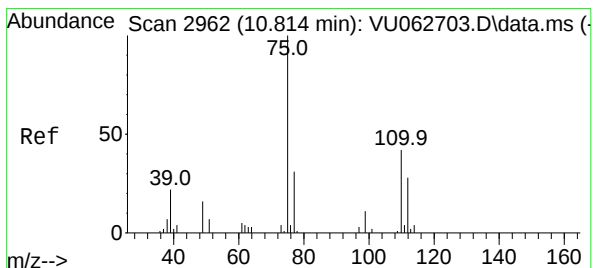
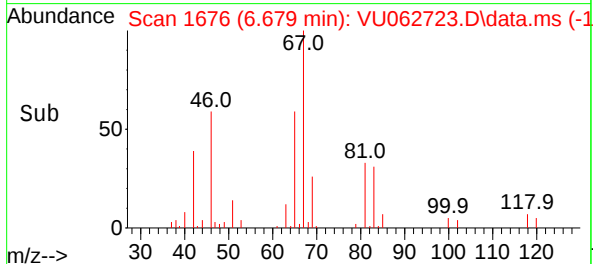
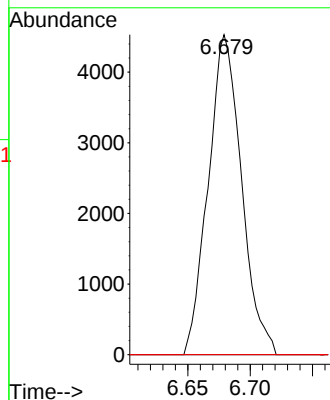
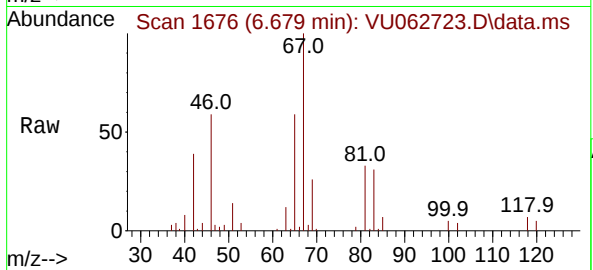
Acq: 13 Jan 2025 17:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8403
Ion Ratio	Lower Upper
83	100
55	0.0 57.2 85.8#
98	7.5 36.6 55.0#



#61

1,2,3-Trichloropropane

Concen: 1.147 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062723.D

Acq: 13 Jan 2025 17:37

Tgt Ion: 75	Resp: 4215
Ion Ratio	Lower Upper
75	100
110	0.7 33.2 49.8#
77	39.6 25.9 38.9#

