

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062705.D
 Acq On : 13 Jan 2025 10:14
 Operator : MD/SY
 Sample : Q1059-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 19:00:01 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

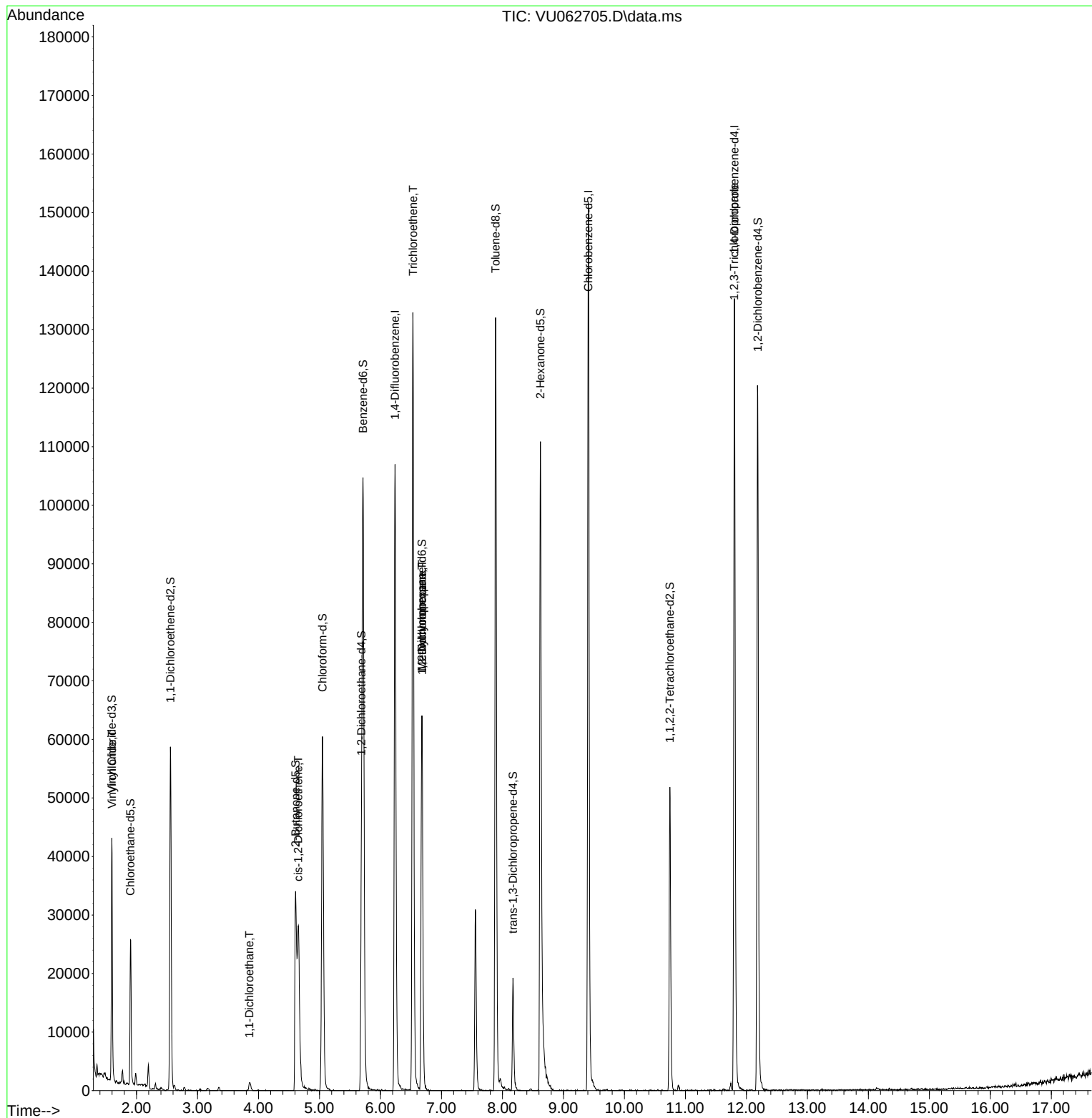
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89390	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39834	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	19456	3.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.901	69	18243	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	11292	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.608	46	48365	47.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.600%
24) Chloroform-d	5.049	84	58551	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.689	65	33704	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.714	84	98518	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	28807	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.888	98	91873	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	11053	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.621	63	39975	43.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24224	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34926	5.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
5) Vinyl chloride	1.599	62	9033	1.404	ug/L	98
19) 1,1-Dichloroethane	3.853	63	2334	0.220	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	14102	2.178	ug/L	96
34) Trichloroethene	6.534	95	47500	5.657	ug/L	97
35) Methylcyclohexane	6.679	83	7962	0.771	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	3713	0.640	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3915	1.108	ug/L #	59

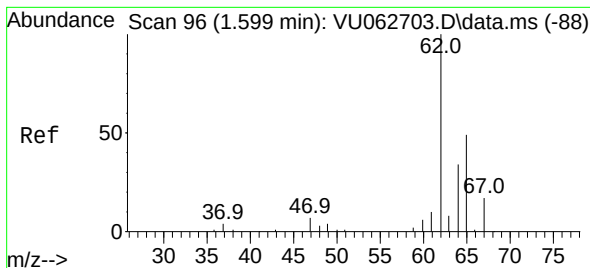
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 19:00:01 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





#5

Vinyl chloride

Concen: 1.404 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

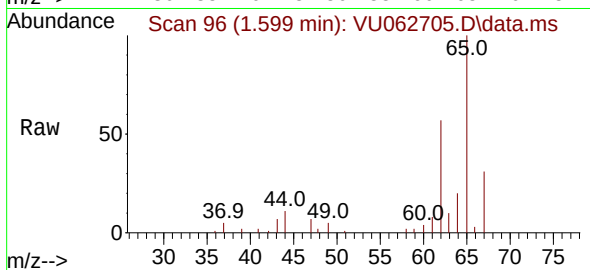
Lab File: VU062705.D

Acq: 13 Jan 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

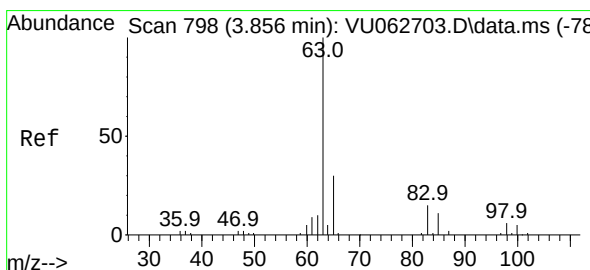
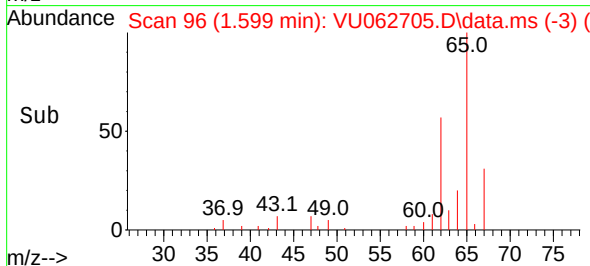
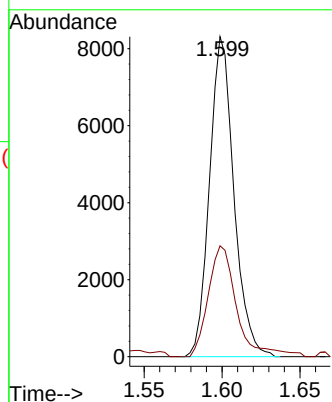


Tgt Ion: 62 Resp: 9033

Ion Ratio Lower Upper

62 100

64 34.6 23.4 43.4



#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU062705.D

Acq: 13 Jan 2025 10:14

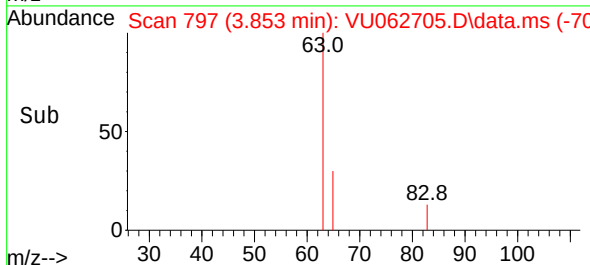
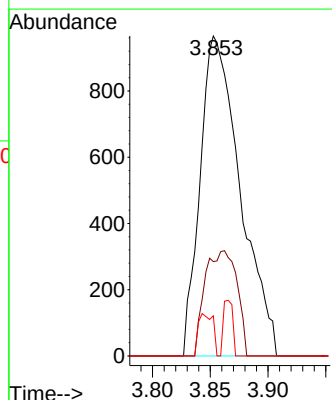
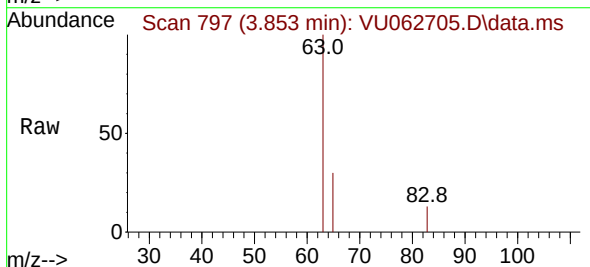
Tgt Ion: 63 Resp: 2334

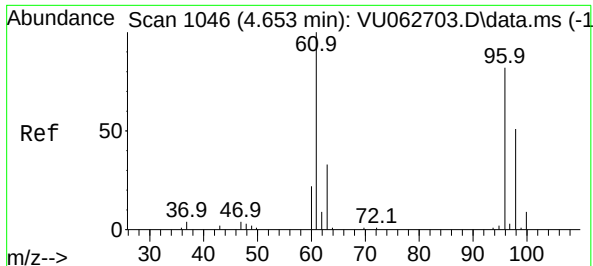
Ion Ratio Lower Upper

63 100

65 29.5 20.7 38.5

83 12.5 10.5 19.5

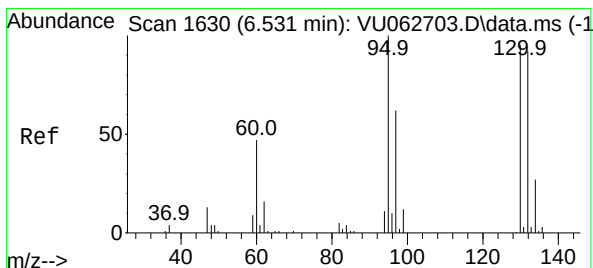
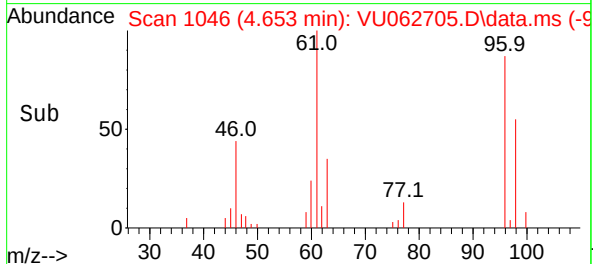
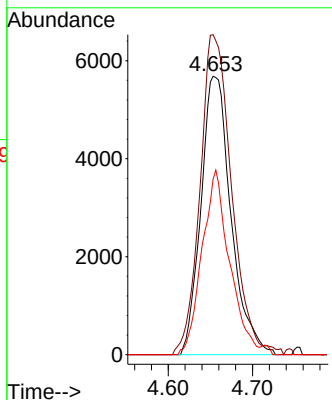
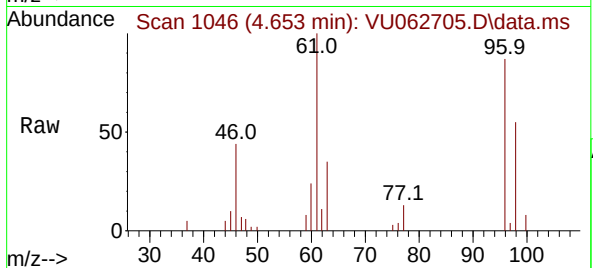




#22
 cis-1,2-Dichloroethene
 Concen: 2.178 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062705.D
 Acq: 13 Jan 2025 10:14

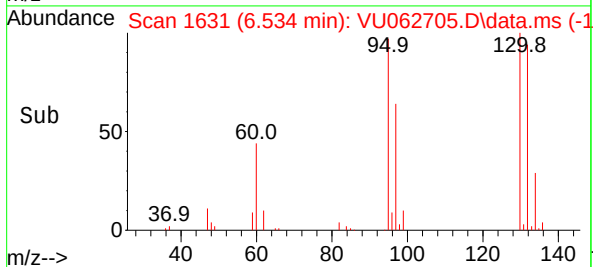
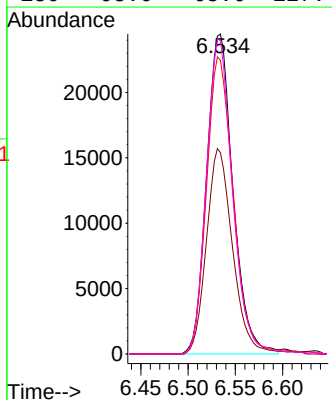
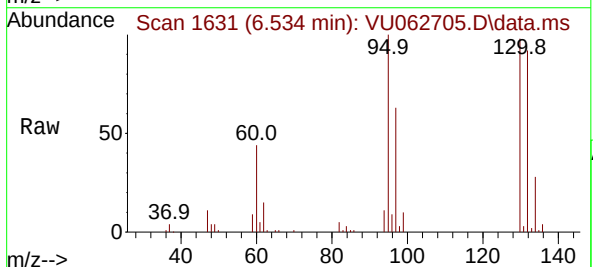
Instrument :
 MSVOA_U
 ClientSampleId :

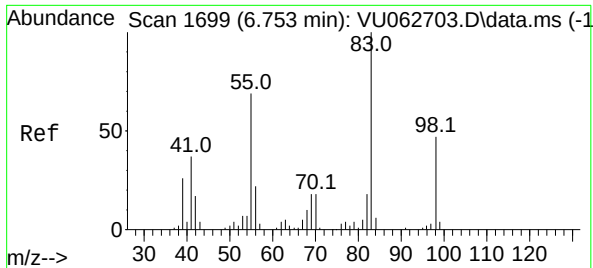
Tgt Ion: 96 Resp: 14102
 Ion Ratio Lower Upper
 96 100
 61 114.9 84.8 157.6
 98 63.0 43.1 80.1



#34
 Trichloroethene
 Concen: 5.657 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062705.D
 Acq: 13 Jan 2025 10:14

Tgt Ion: 95 Resp: 47500
 Ion Ratio Lower Upper
 95 100
 97 62.9 47.5 88.3
 132 91.8 66.9 124.3
 130 98.0 68.6 127.4





#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062705.D

Acq: 13 Jan 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

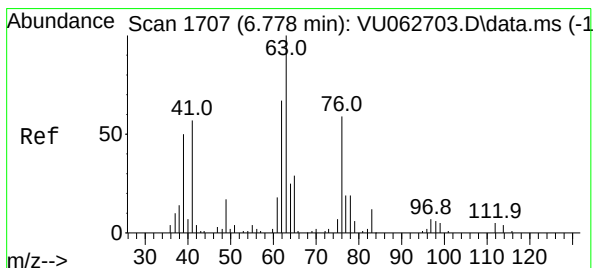
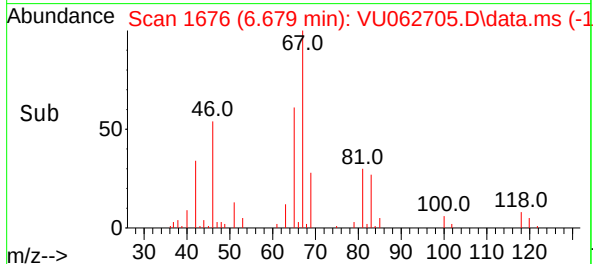
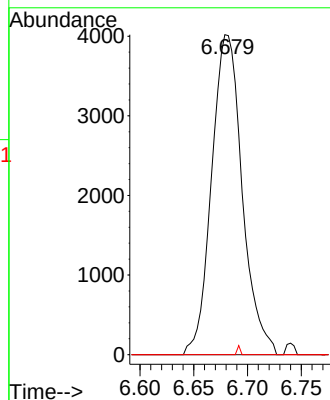
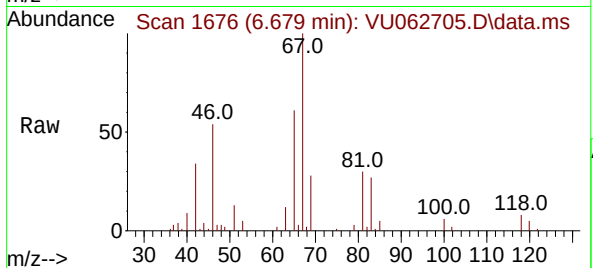
Tgt Ion: 83 Resp: 7962

Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 3.4 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.096 min

Lab File: VU062705.D

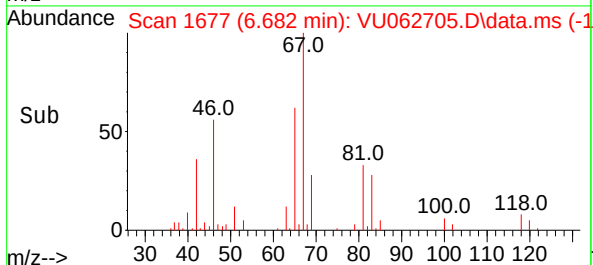
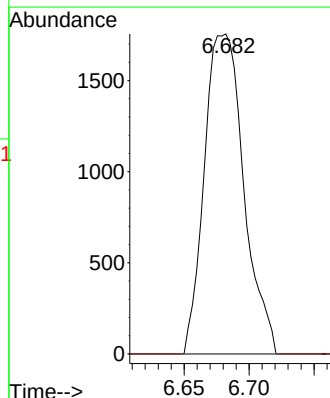
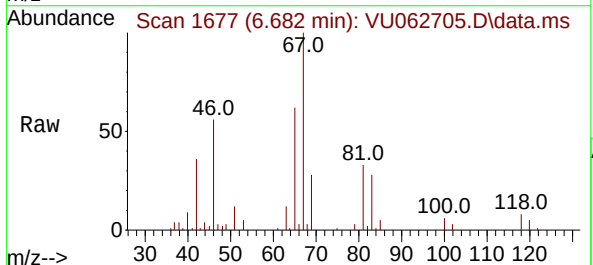
Acq: 13 Jan 2025 10:14

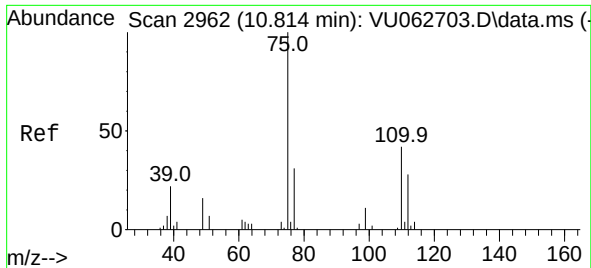
Tgt Ion: 63 Resp: 3713

Ion Ratio Lower Upper

63 100

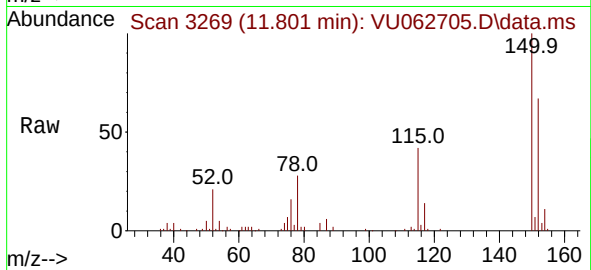
112 0.0 3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 1.108 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU062705.D
Acq: 13 Jan 2025 10:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3915
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 37.8 25.9 38.9

