

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062719.D
 Acq On : 13 Jan 2025 15:58
 Operator : MD/SY
 Sample : Q1059-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 19:03:40 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)

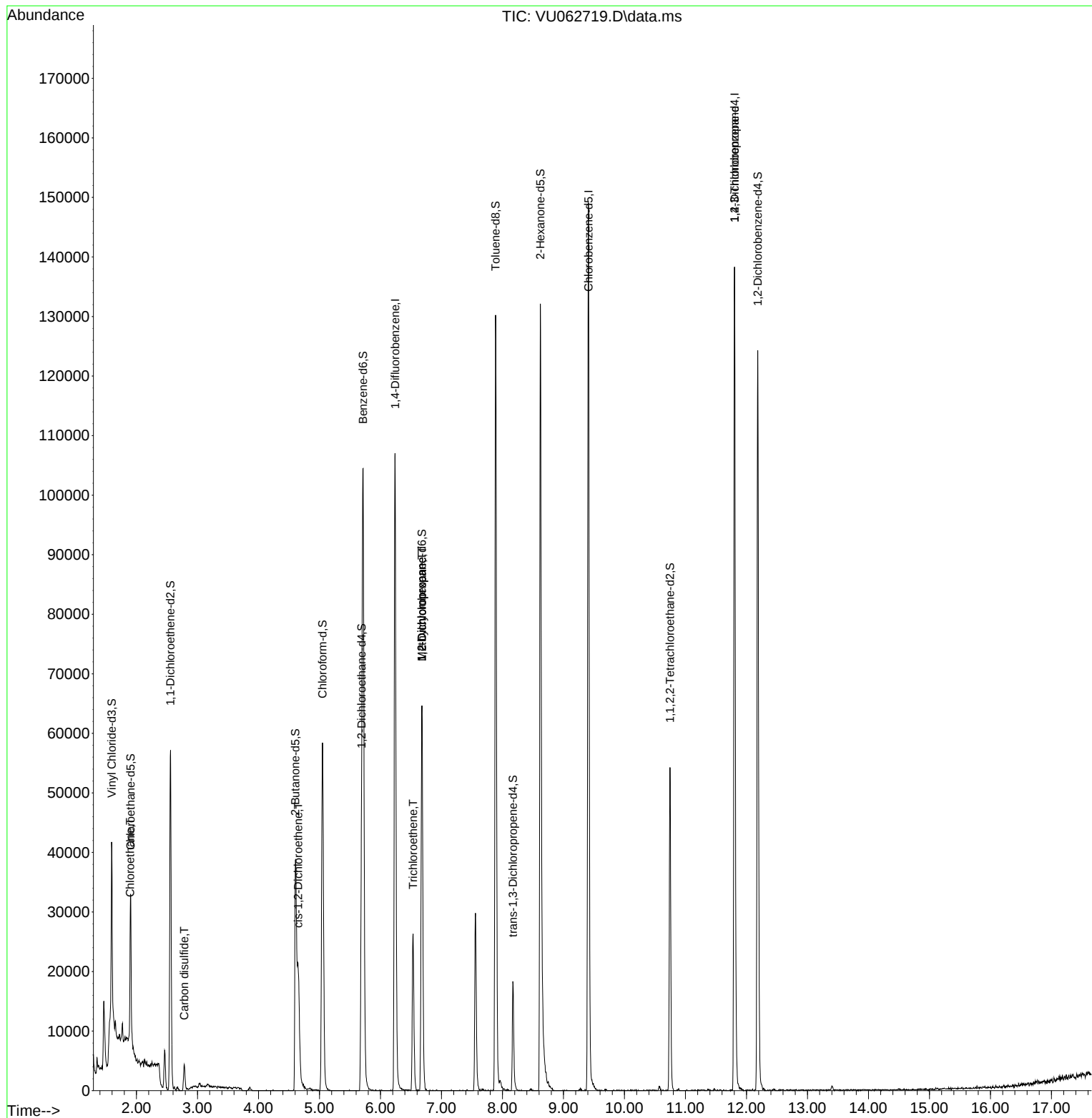
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	89732	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	19491	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.905	69	17885	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.557	65	10953	4.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.605	46	54484	53.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.280%
24) Chloroform-d	5.049	84	58034	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.689	65	33286	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.715	84	97372	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	28459	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.888	98	89689	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.171	79	11702	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.621	63	44401	49.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	25836	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35109	5.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.895	64	782	0.201	ug/L #	54
14) Carbon disulfide	2.782	76	6093	0.342	ug/L	98
22) cis-1,2-Dichloroethene	4.654	96	8626	1.327	ug/L	94
34) Trichloroethene	6.535	95	9361	1.128	ug/L	97
35) Methylcyclohexane	6.679	83	7977	0.781	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	3791	0.661	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4041	1.151	ug/L #	57

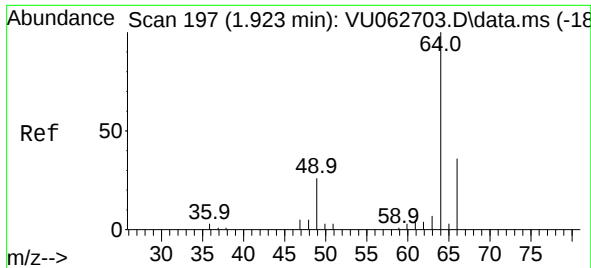
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

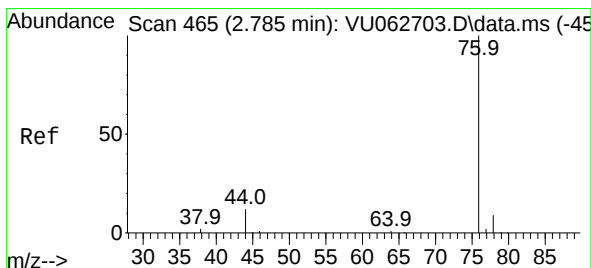
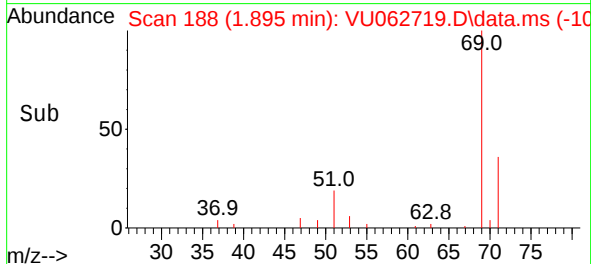
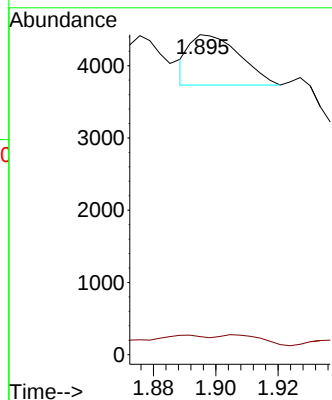
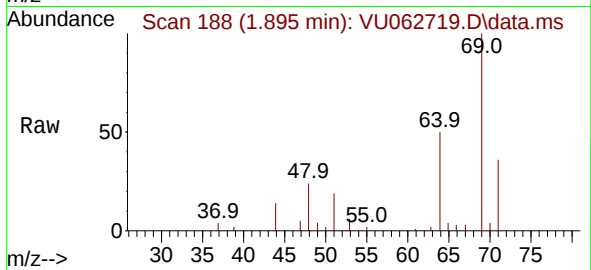




#8
Chloroethane
Concen: 0.201 ug/L
RT: 1.895 min Scan# 11
Delta R.T. -0.028 min
Lab File: VU062719.D
Acq: 13 Jan 2025 15:58

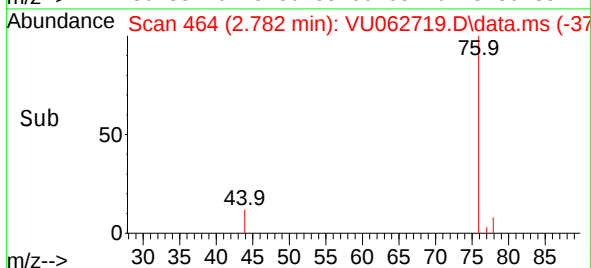
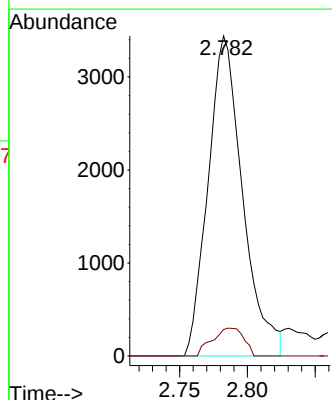
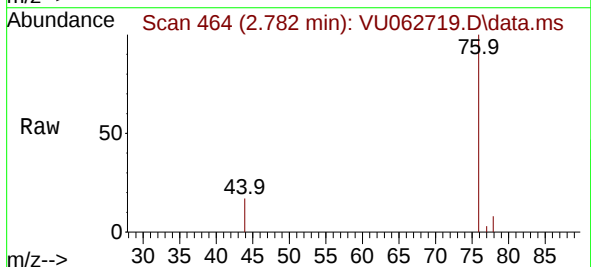
Instrument :
MSVOA_U
ClientSampleId :

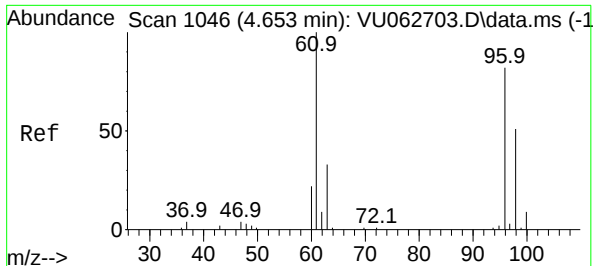
Tgt Ion: 64 Resp: 782
Ion Ratio Lower Upper
64 100
66 5.7 21.6 40.2#



#14
Carbon disulfide
Concen: 0.342 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.003 min
Lab File: VU062719.D
Acq: 13 Jan 2025 15:58

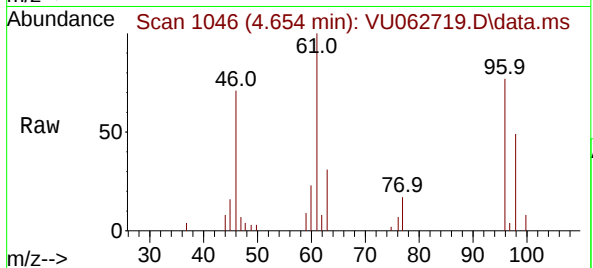
Tgt Ion: 76 Resp: 6093
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



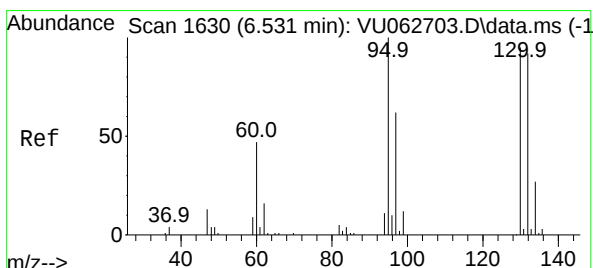
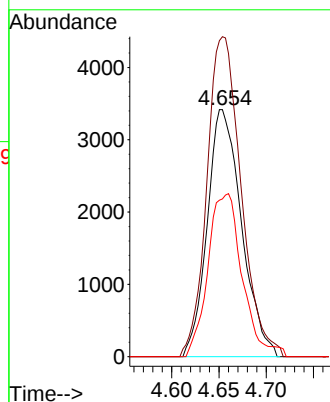
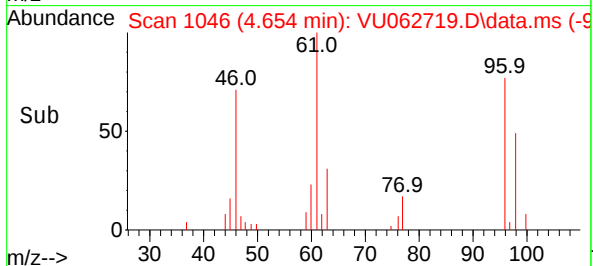


#22
cis-1,2-Dichloroethene
Concen: 1.327 ug/L
RT: 4.654 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062719.D
Acq: 13 Jan 2025 15:58

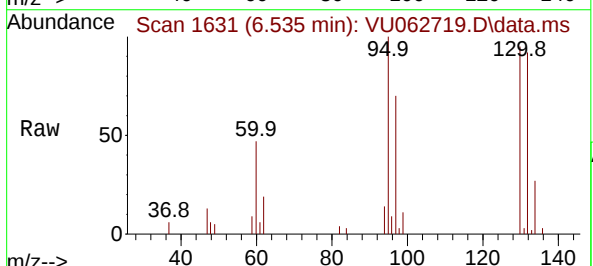
Instrument :
MSVOA_U
ClientSampleId :



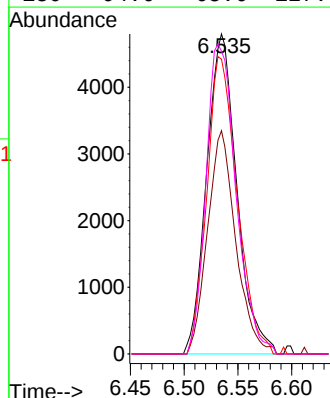
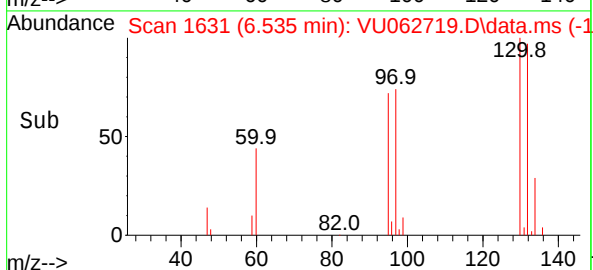
Tgt Ion: 96 Resp: 8626
Ion Ratio Lower Upper
96 100
61 129.5 84.8 157.6
98 63.9 43.1 80.1

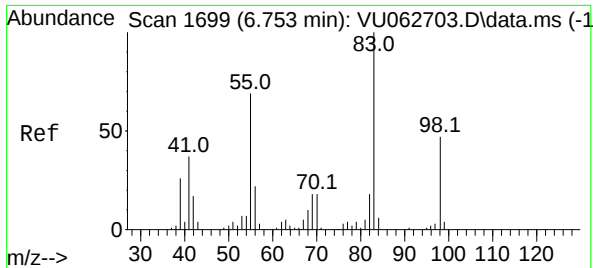


#34
Trichloroethene
Concen: 1.128 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. 0.004 min
Lab File: VU062719.D
Acq: 13 Jan 2025 15:58



Tgt Ion: 95 Resp: 9361
Ion Ratio Lower Upper
95 100
97 69.8 47.5 88.3
132 92.2 66.9 124.3
130 94.6 68.6 127.4





#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.073 min

Lab File: VU062719.D

Acq: 13 Jan 2025 15:58

Instrument :

MSVOA_U

ClientSampleId :

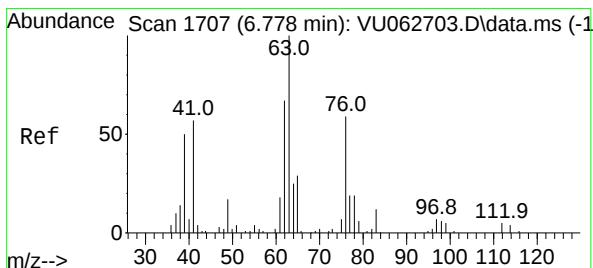
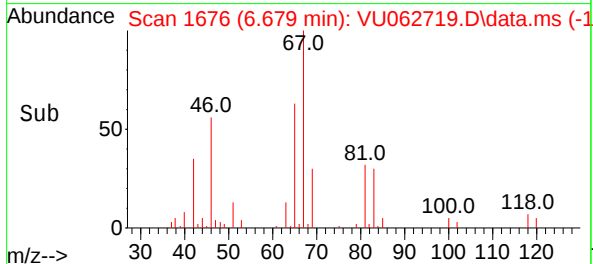
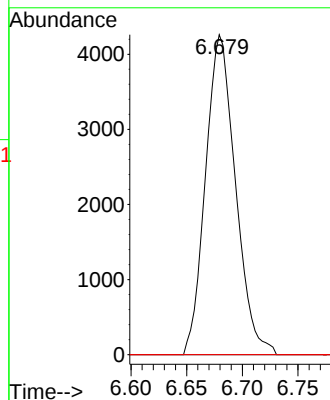
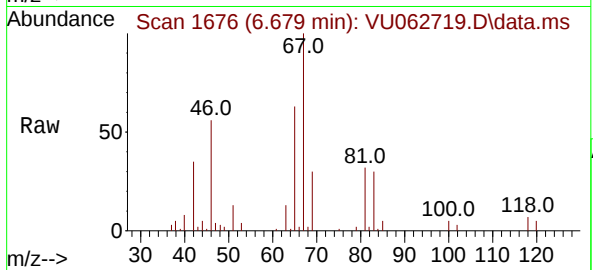
Tgt Ion: 83 Resp: 7977

Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 3.2 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.099 min

Lab File: VU062719.D

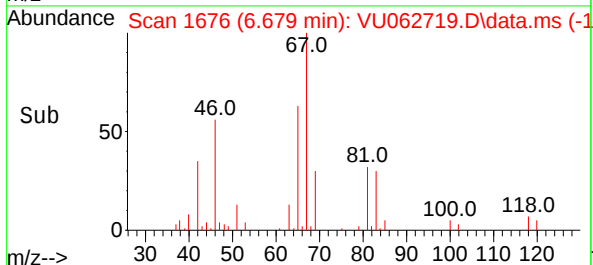
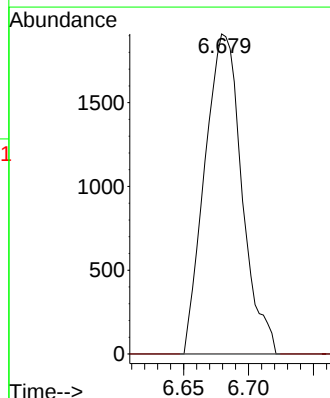
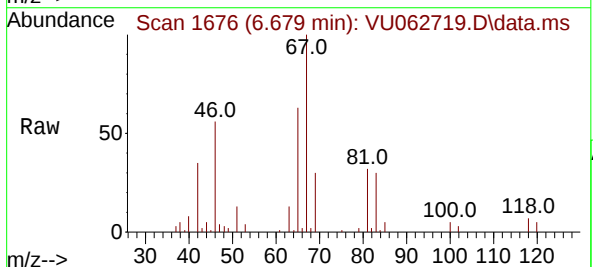
Acq: 13 Jan 2025 15:58

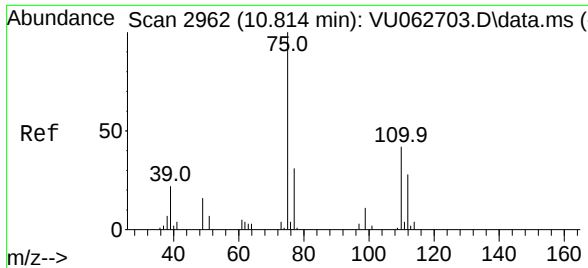
Tgt Ion: 63 Resp: 3791

Ion Ratio Lower Upper

63 100

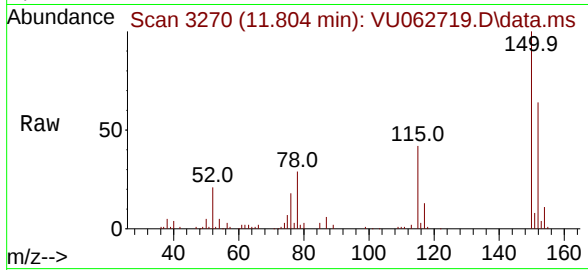
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.151 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU062719.D
 Acq: 13 Jan 2025 15:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4041
Ion	Ratio	Lower	Upper
75	100		
110	3.9	33.2	49.8#
77	44.2	25.9	38.9#

