

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062785.D
 Acq On : 15 Jan 2025 23:35
 Operator : MD/SY
 Sample : P1059-02DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 02:08:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

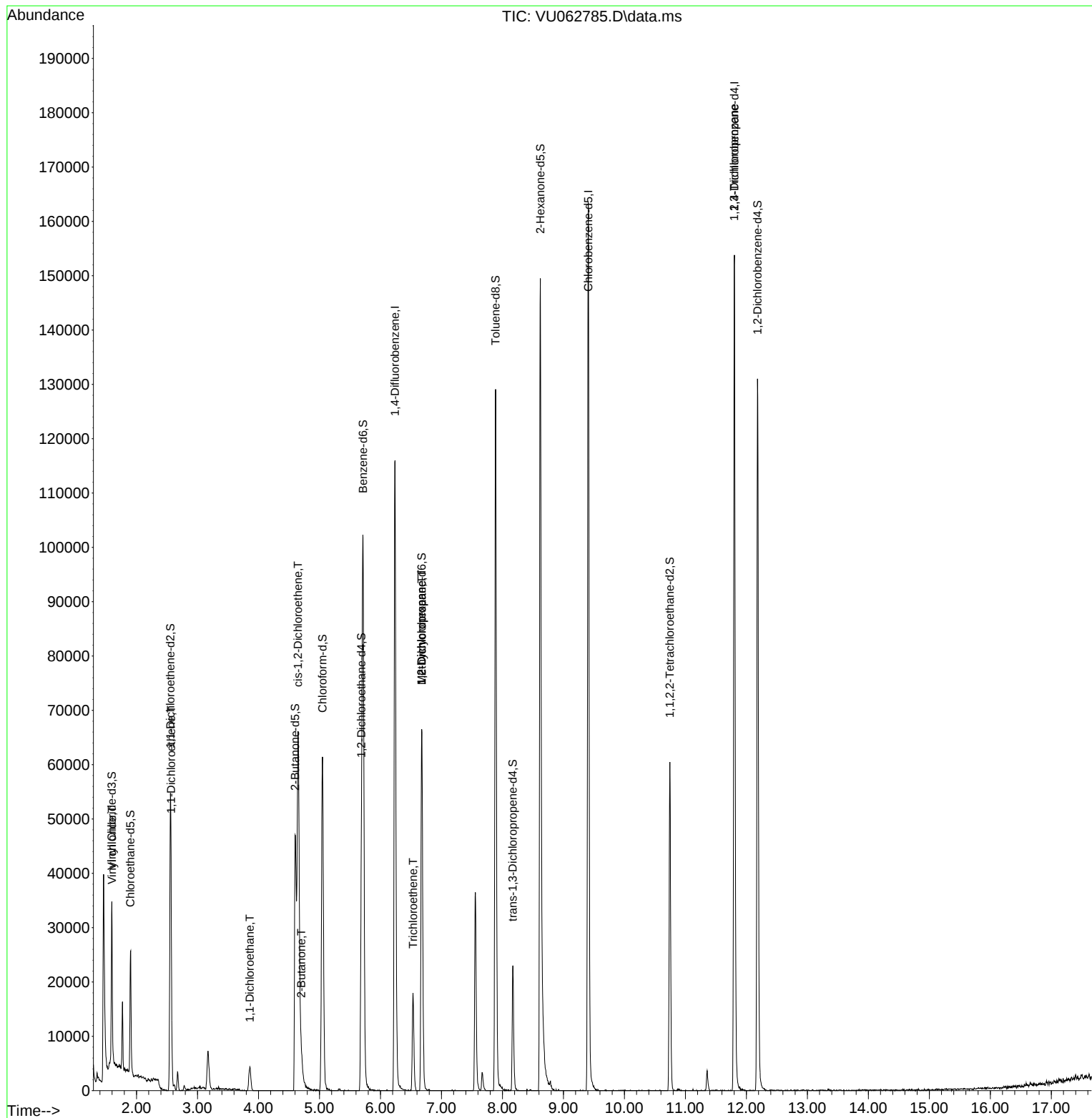
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97243	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16256	3.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.901	69	16354	3.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.557	65	9717	3.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.602	46	66850	60.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.460%
24) Chloroform-d	5.049	84	60910	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.688	65	34893	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.714	84	95604	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.676	67	28680	4.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.888	98	87374	4.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.171	79	14364	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.621	63	53216	54.679	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28376	5.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	37872	5.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3387	0.484	ug/L #	1
12) 1,1-Dichloroethene	2.566	96	3729	0.618	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	5773	0.499	ug/L	97
21) 2-Butanone	4.701	43	11114	9.570	ug/L	89
22) cis-1,2-Dichloroethene	4.650	96	34440	4.890	ug/L	94
34) Trichloroethene	6.534	95	5987	0.666	ug/L	91
35) Methylcyclohexane	6.676	83	8354	0.755	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	4068	0.655	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4229	1.108	ug/L #	57

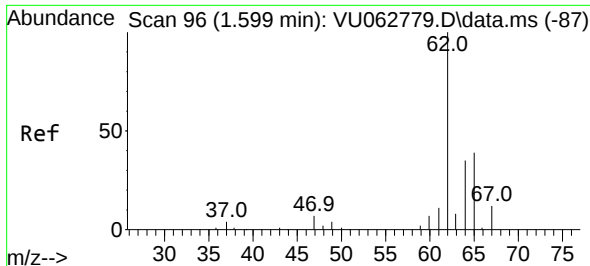
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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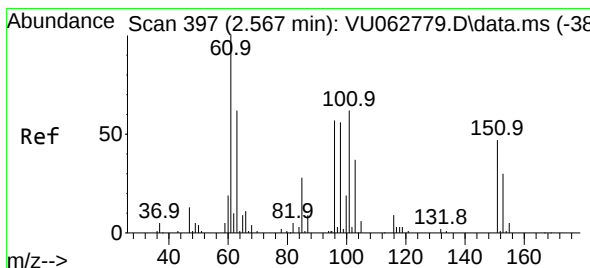
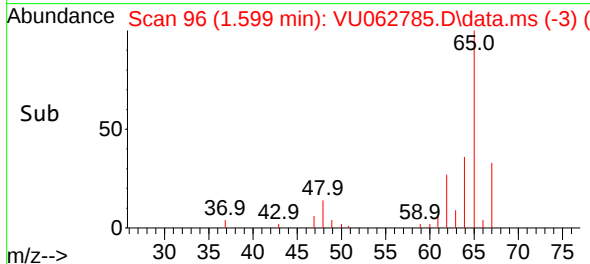
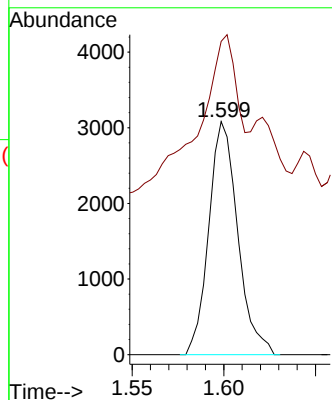
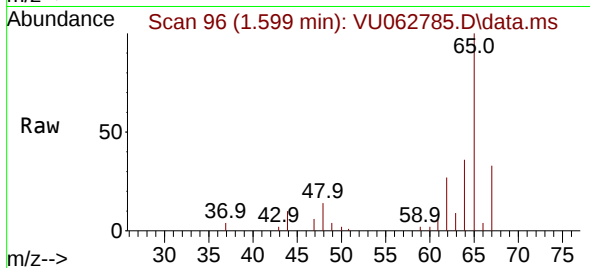




#5
 Vinyl chloride
 Concen: 0.484 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062785.D
 Acq: 15 Jan 2025 23:35

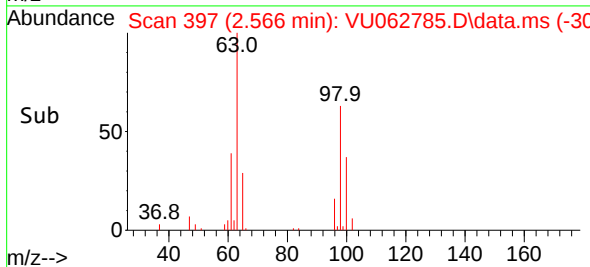
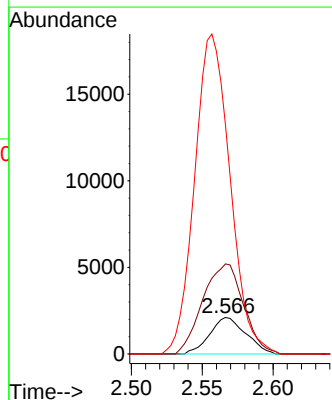
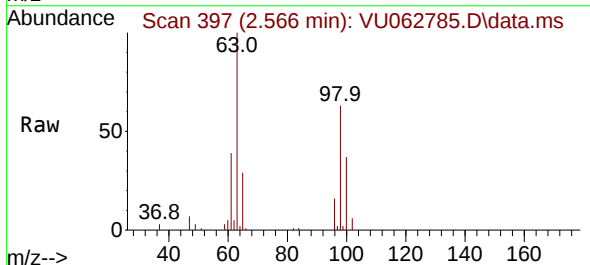
Instrument :
 MSVOA_U
 ClientSampleId :

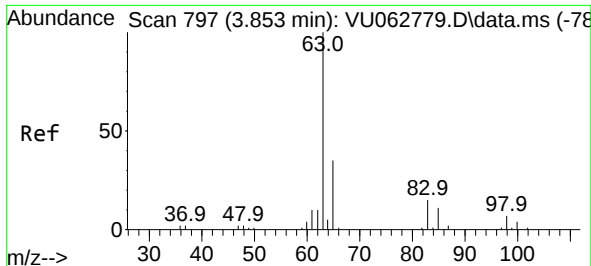
Tgt Ion: 62 Resp: 3387
 Ion Ratio Lower Upper
 62 100
 64 134.4 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 0.618 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU062785.D
 Acq: 15 Jan 2025 23:35

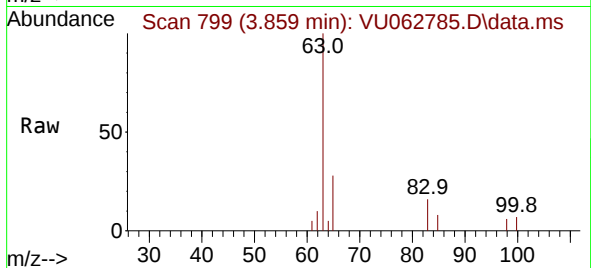
Tgt Ion: 96 Resp: 3729
 Ion Ratio Lower Upper
 96 100
 61 246.7 120.4 223.6#
 63 626.1 82.3 152.9#



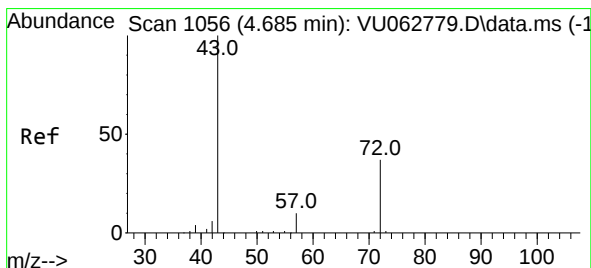
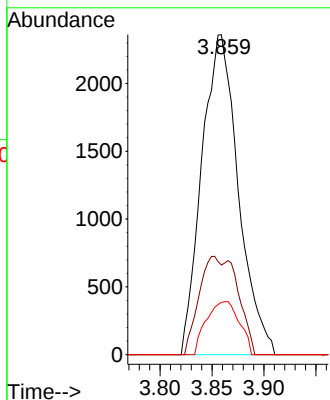
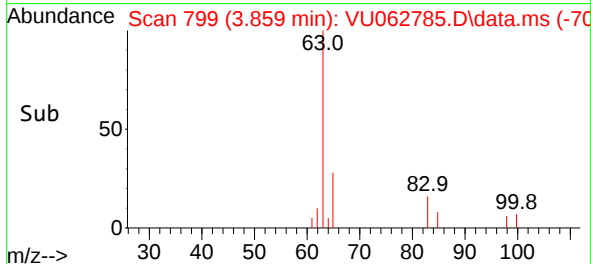


#19
1,1-Dichloroethane
Concen: 0.499 ug/L
RT: 3.859 min Scan# 797
Delta R.T. 0.006 min
Lab File: VU062785.D
Acq: 15 Jan 2025 23:35

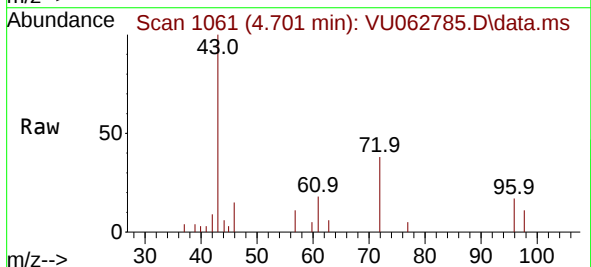
Instrument :
MSVOA_U
ClientSampleId :



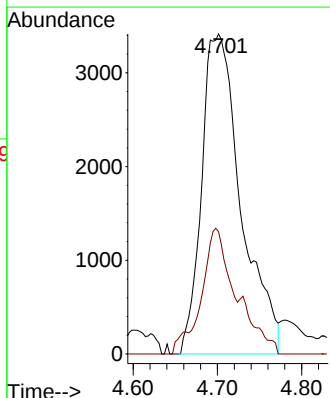
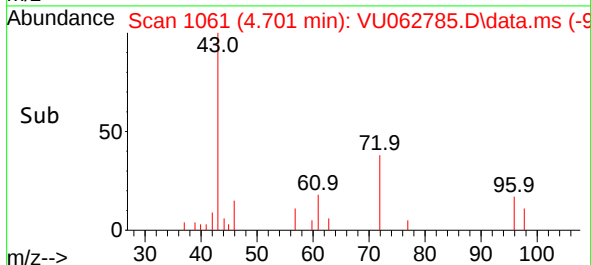
Tgt Ion: 63 Resp: 5773
Ion Ratio Lower Upper
63 100
65 28.0 20.7 38.5
83 16.4 10.5 19.5

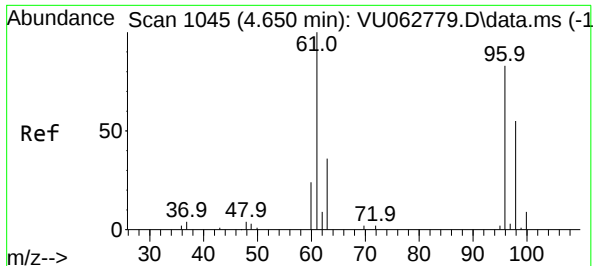


#21
2-Butanone
Concen: 9.570 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VU062785.D
Acq: 15 Jan 2025 23:35



Tgt Ion: 43 Resp: 11114
Ion Ratio Lower Upper
43 100
72 27.7 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 4.890 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU062785.D

Acq: 15 Jan 2025 23:35

Instrument :

MSVOA_U

ClientSampleId :

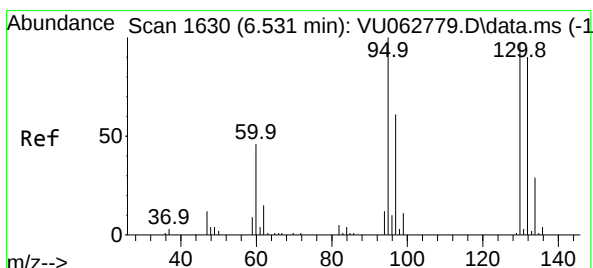
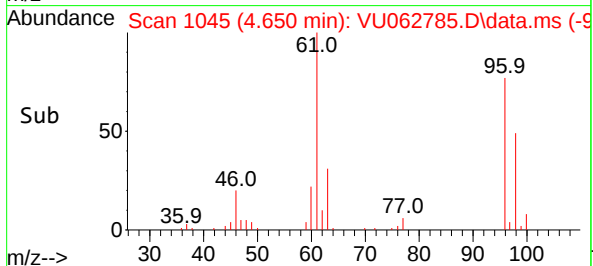
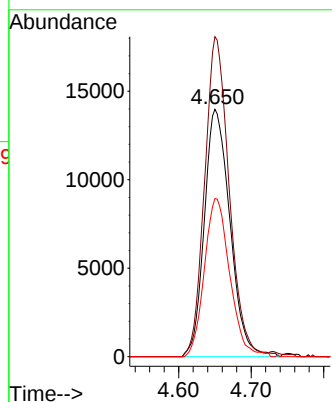
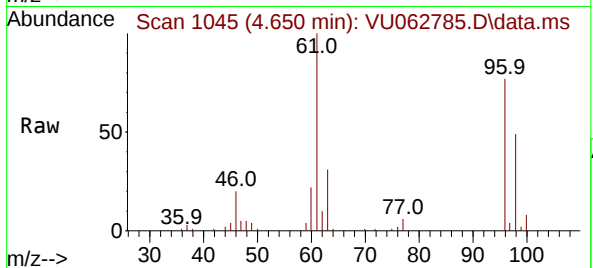
Tgt Ion: 96 Resp: 34440

Ion Ratio Lower Upper

96 100

61 129.4 84.8 157.6

98 63.9 43.1 80.1



#34

Trichloroethene

Concen: 0.666 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU062785.D

Acq: 15 Jan 2025 23:35

Tgt Ion: 95 Resp: 5987

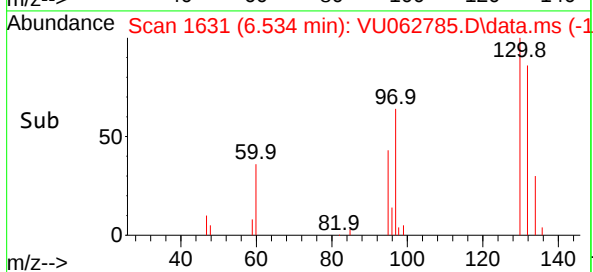
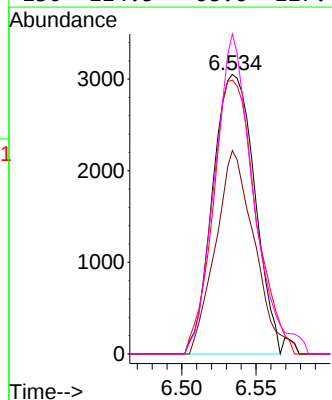
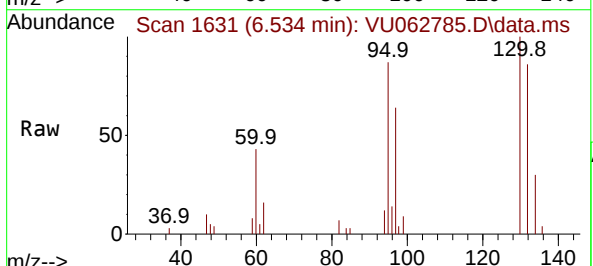
Ion Ratio Lower Upper

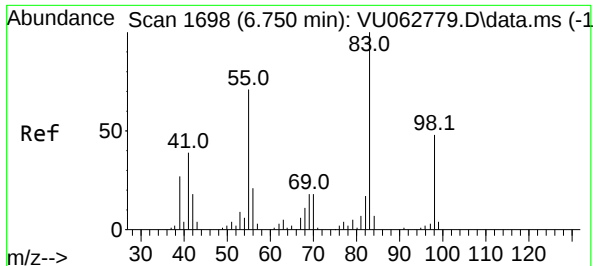
95 100

97 72.8 47.5 88.3

132 98.0 66.9 124.3

130 114.5 68.6 127.4





#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.074 min

Lab File: VU062785.D

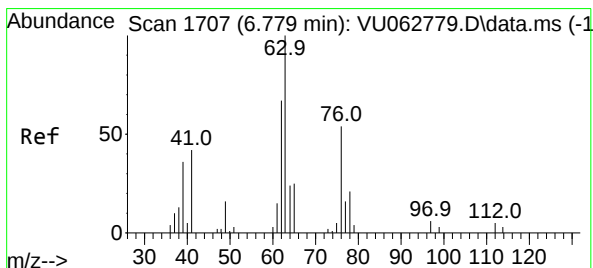
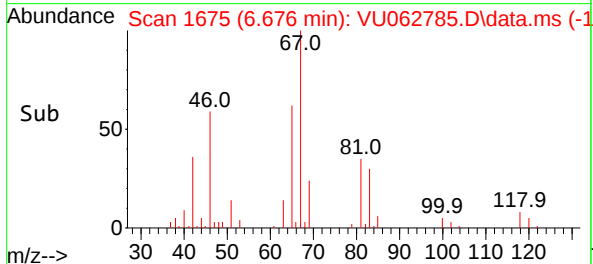
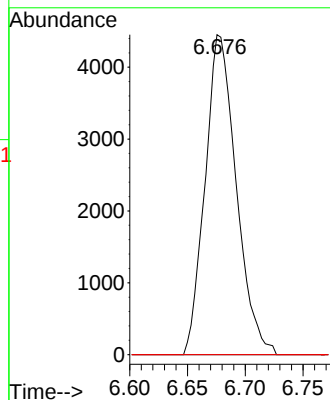
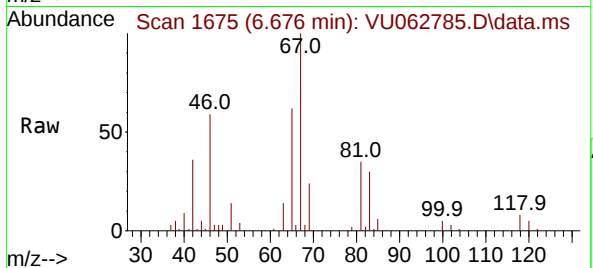
Acq: 15 Jan 2025 23:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	8354
Ion Ratio	Lower	Upper	
83	100		
55	0.0	57.2	85.8#
98	1.6	36.6	55.0#



#37

1,2-Dichloropropane

Concen: 0.655 ug/L

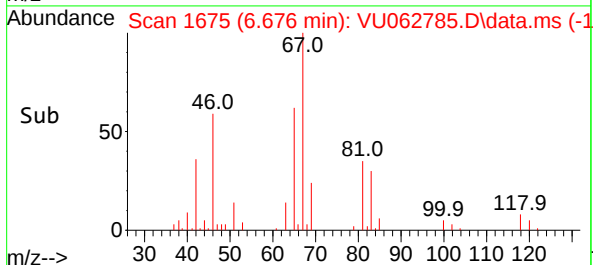
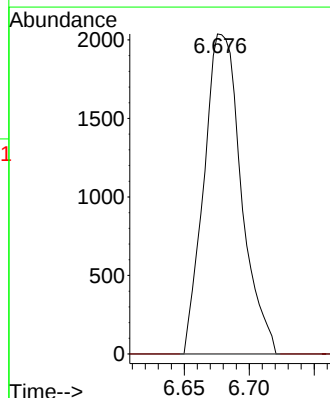
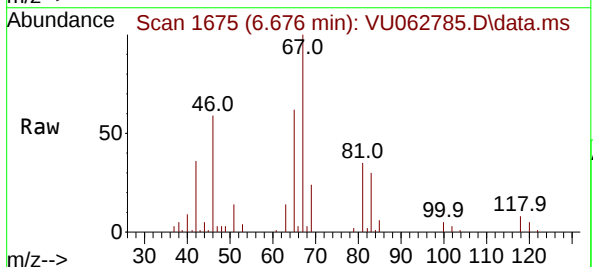
RT: 6.676 min Scan# 1675

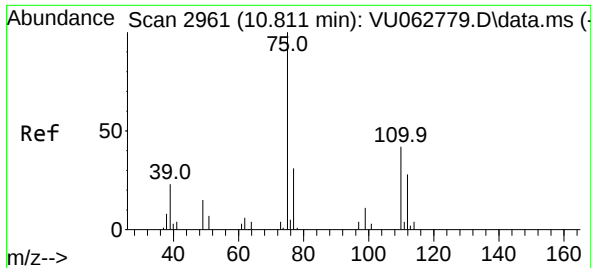
Delta R.T. -0.103 min

Lab File: VU062785.D

Acq: 15 Jan 2025 23:35

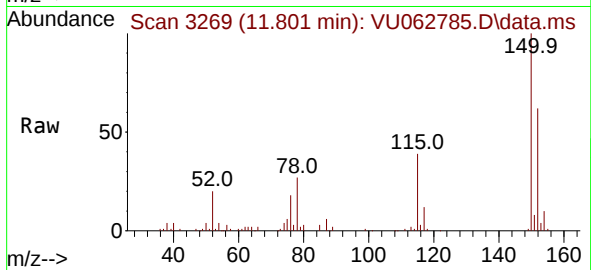
Tgt Ion:	63	Resp:	4068
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.8	5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.108 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062785.D
 Acq: 15 Jan 2025 23:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4229
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 39.7 25.9 38.9#

