

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062799.D
 Acq On : 16 Jan 2025 05:19
 Operator : MD/SY
 Sample : Q1086-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:27:26 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)

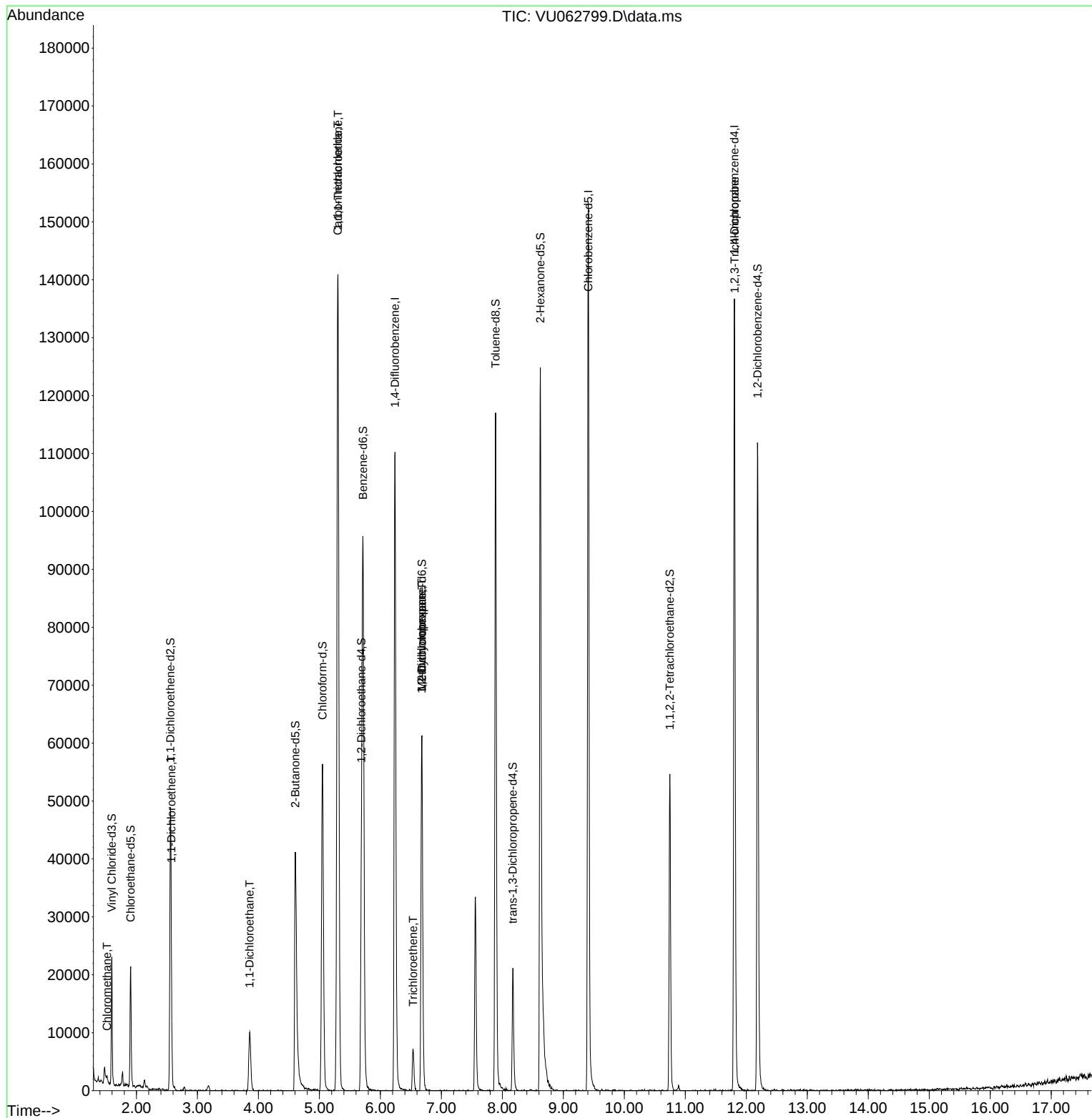
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92827	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14628	2.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.904	69	14948	3.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.557	65	8677	3.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.605	46	58990	56.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.280%
24) Chloroform-d	5.049	84	55862	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.689	65	34282	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.714	84	90160	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.679	67	28244	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	82157	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.171	79	13001	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.621	63	45112	48.774	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26256	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	32898	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	696	0.117	ug/L	92
12) 1,1-Dichloroethene	2.570	96	3299	0.572	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	12148	1.101	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	109190	8.270	ug/L	99
31) Carbon tetrachloride	5.300	117	12518	1.032	ug/L	99
34) Trichloroethene	6.538	95	2926	0.342	ug/L	93
35) Methylcyclohexane	6.679	83	7512	0.715	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3627	0.615	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	3888	1.077	ug/L #	57

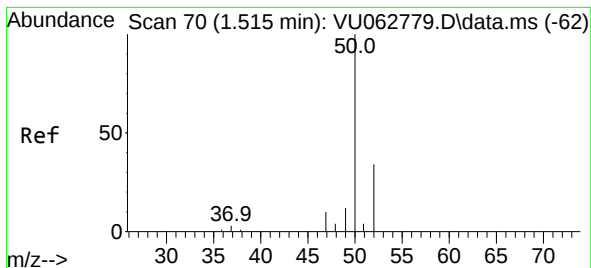
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU062799.D

Acq: 16 Jan 2025 05:19

Instrument :

MSVOA_U

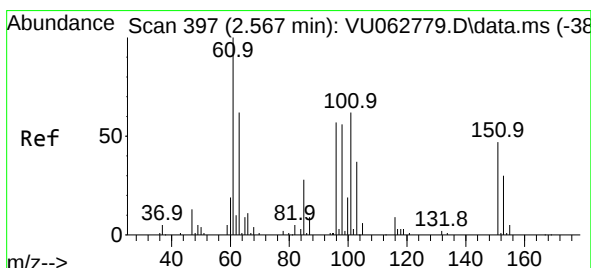
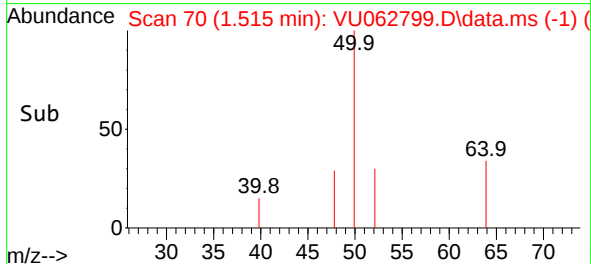
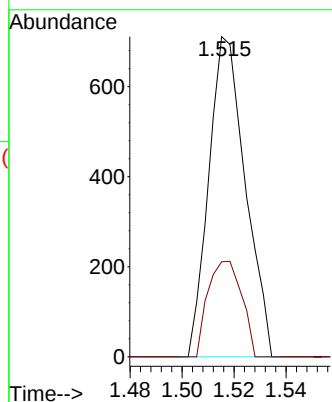
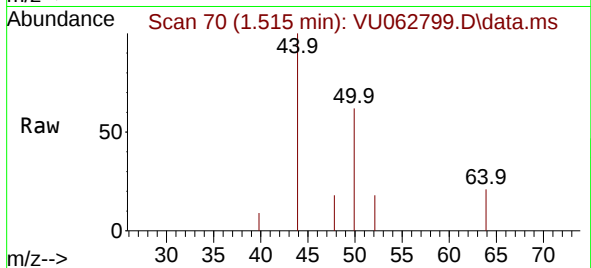
ClientSampleId :

Tgt Ion: 50 Resp: 696

Ion Ratio Lower Upper

50 100

52 29.7 24.1 44.7



#12

1,1-Dichloroethene

Concen: 0.572 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU062799.D

Acq: 16 Jan 2025 05:19

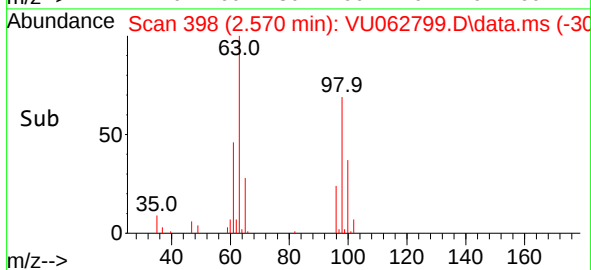
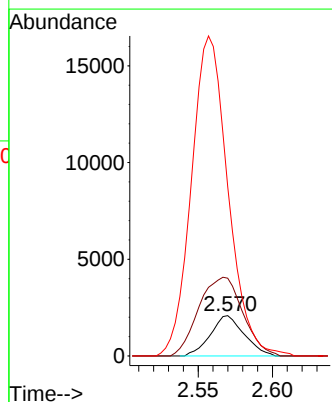
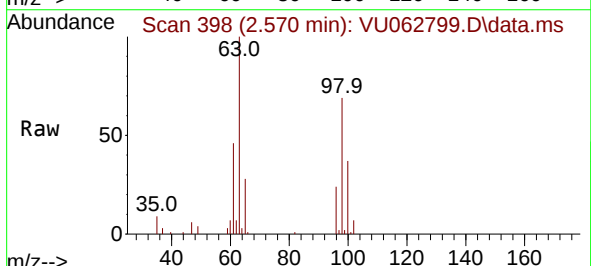
Tgt Ion: 96 Resp: 3299

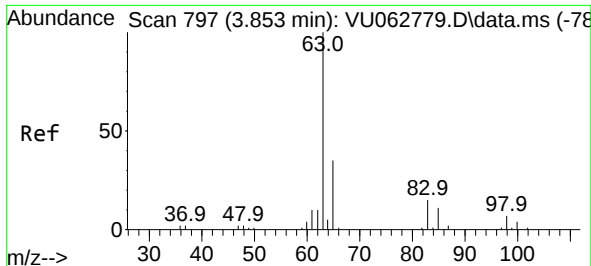
Ion Ratio Lower Upper

96 100

61 192.3 120.4 223.6

63 419.1 82.3 152.9#





#19

1,1-Dichloroethane

Concen: 1.101 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062799.D

Acq: 16 Jan 2025 05:19

Instrument :

MSVOA_U

ClientSampleId :

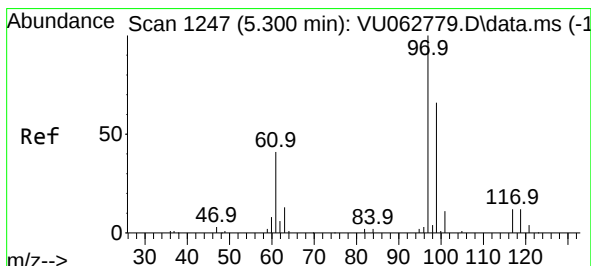
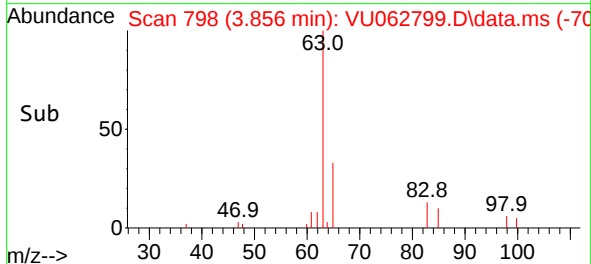
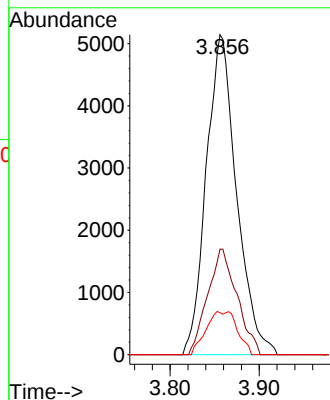
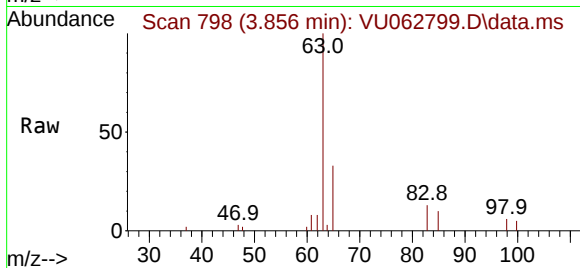
Tgt Ion: 63 Resp: 12148

Ion Ratio Lower Upper

63 100

65 32.0 20.7 38.5

83 12.7 10.5 19.5



#29

1,1,1-Trichloroethane

Concen: 8.270 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VU062799.D

Acq: 16 Jan 2025 05:19

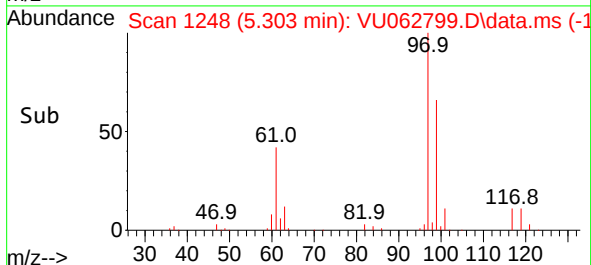
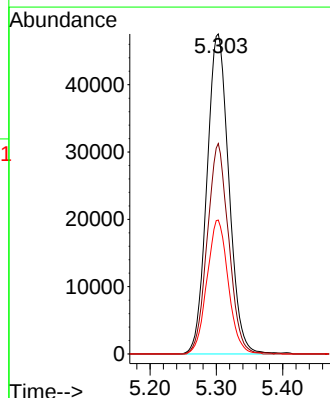
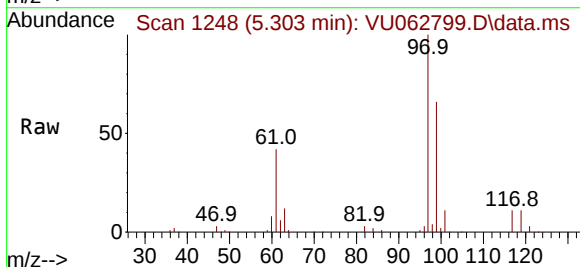
Tgt Ion: 97 Resp: 109190

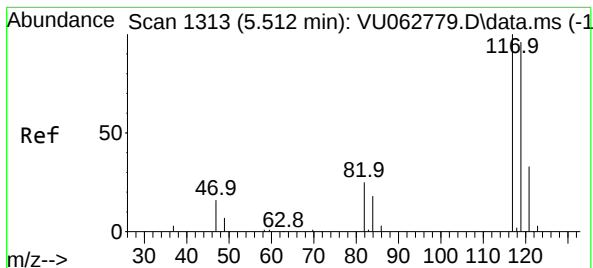
Ion Ratio Lower Upper

97 100

99 64.3 52.4 78.6

61 40.7 32.2 48.4





#31

Carbon tetrachloride

Concen: 1.032 ug/L

RT: 5.300 min Scan# 11

Delta R.T. -0.212 min

Lab File: VU062799.D

Acq: 16 Jan 2025 05:19

Instrument :

MSVOA_U

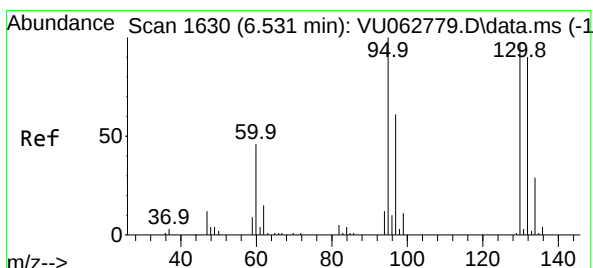
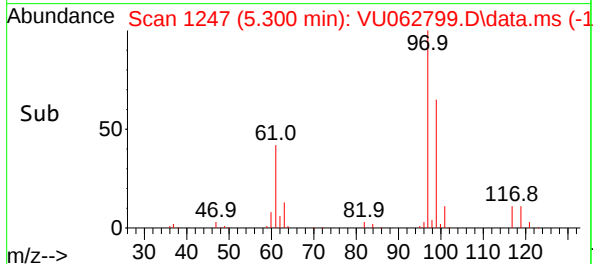
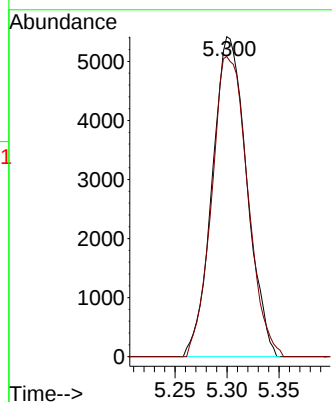
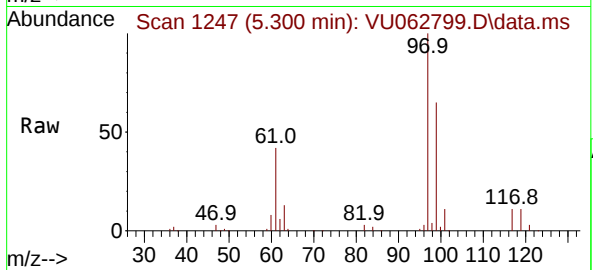
ClientSampleId :

Tgt Ion:117 Resp: 12518

Ion Ratio Lower Upper

117 100

119 97.3 78.6 118.0



#34

Trichloroethene

Concen: 0.342 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.006 min

Lab File: VU062799.D

Acq: 16 Jan 2025 05:19

Tgt Ion: 95 Resp: 2926

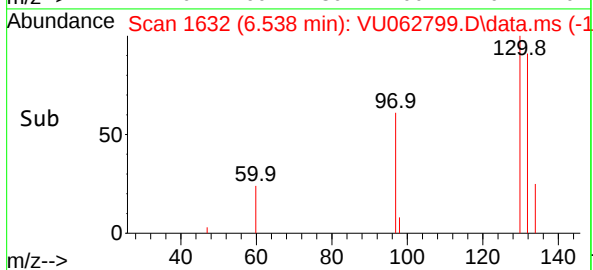
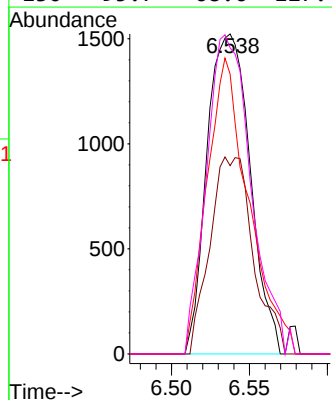
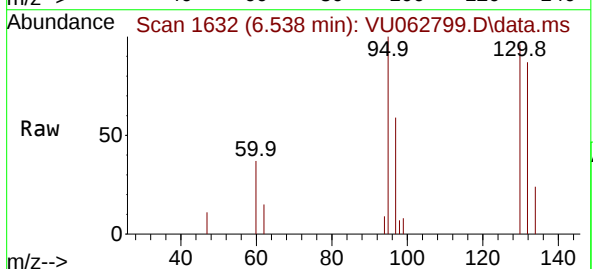
Ion Ratio Lower Upper

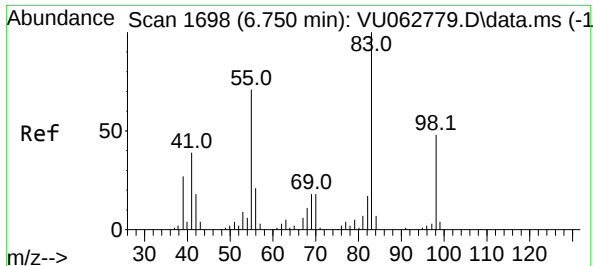
95 100

97 58.8 47.5 88.3

132 87.5 66.9 124.3

130 95.7 68.6 127.4

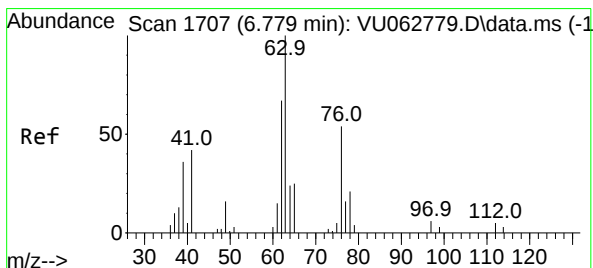
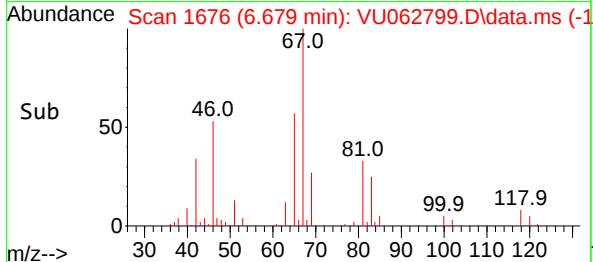
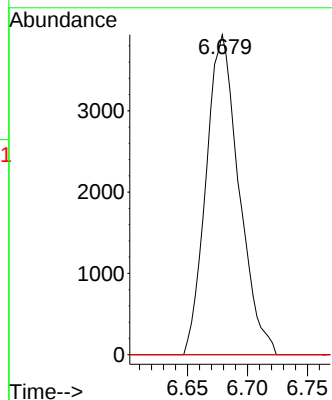
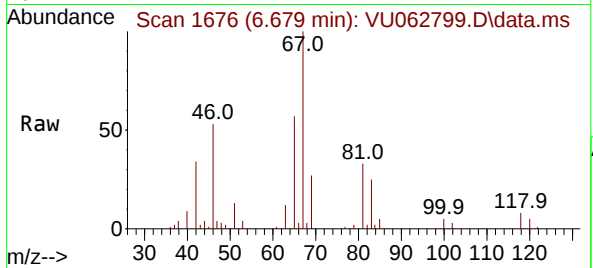




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.679 min Scan# 1675
Delta R.T. -0.071 min
Lab File: VU062799.D
Acq: 16 Jan 2025 05:19

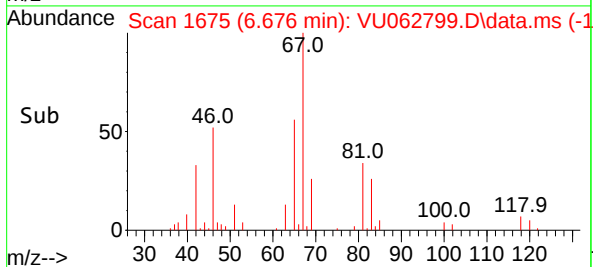
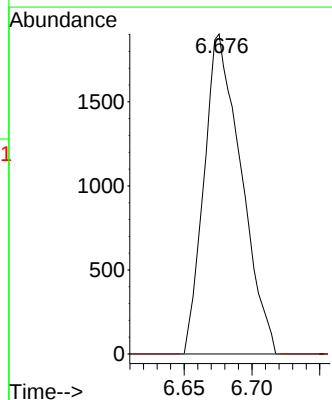
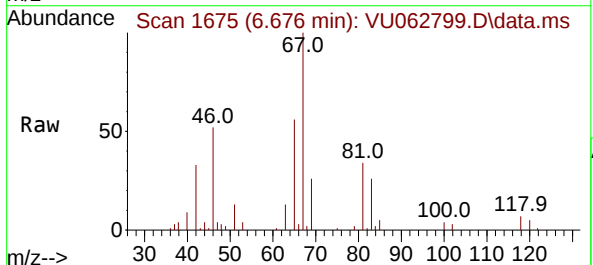
Instrument :
MSVOA_U
ClientSampleId :

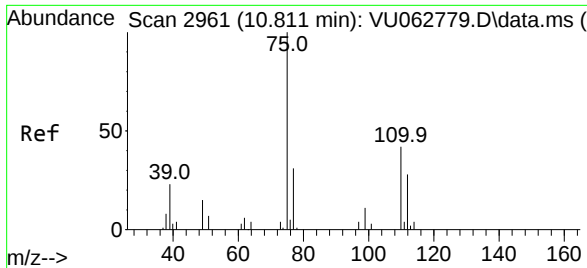
Tgt Ion	83	Resp	7512
Ion Ratio	Lower	Upper	
83	100		
55	0.0	57.2	85.8#
98	1.2	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062799.D
Acq: 16 Jan 2025 05:19

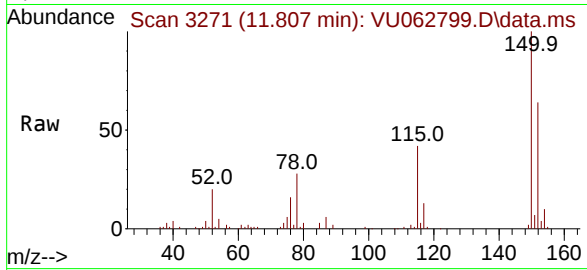
Tgt Ion	63	Resp	3627
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.8	5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.077 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU062799.D
 Acq: 16 Jan 2025 05:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3888
 Ion Ratio Lower Upper
 75 100
 110 1.1 33.2 49.8#
 77 23.8 25.9 38.9#

