

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062835.D
 Acq On : 16 Jan 2025 21:50
 Operator : MD/SY
 Sample : Q1057-20DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 00:07:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

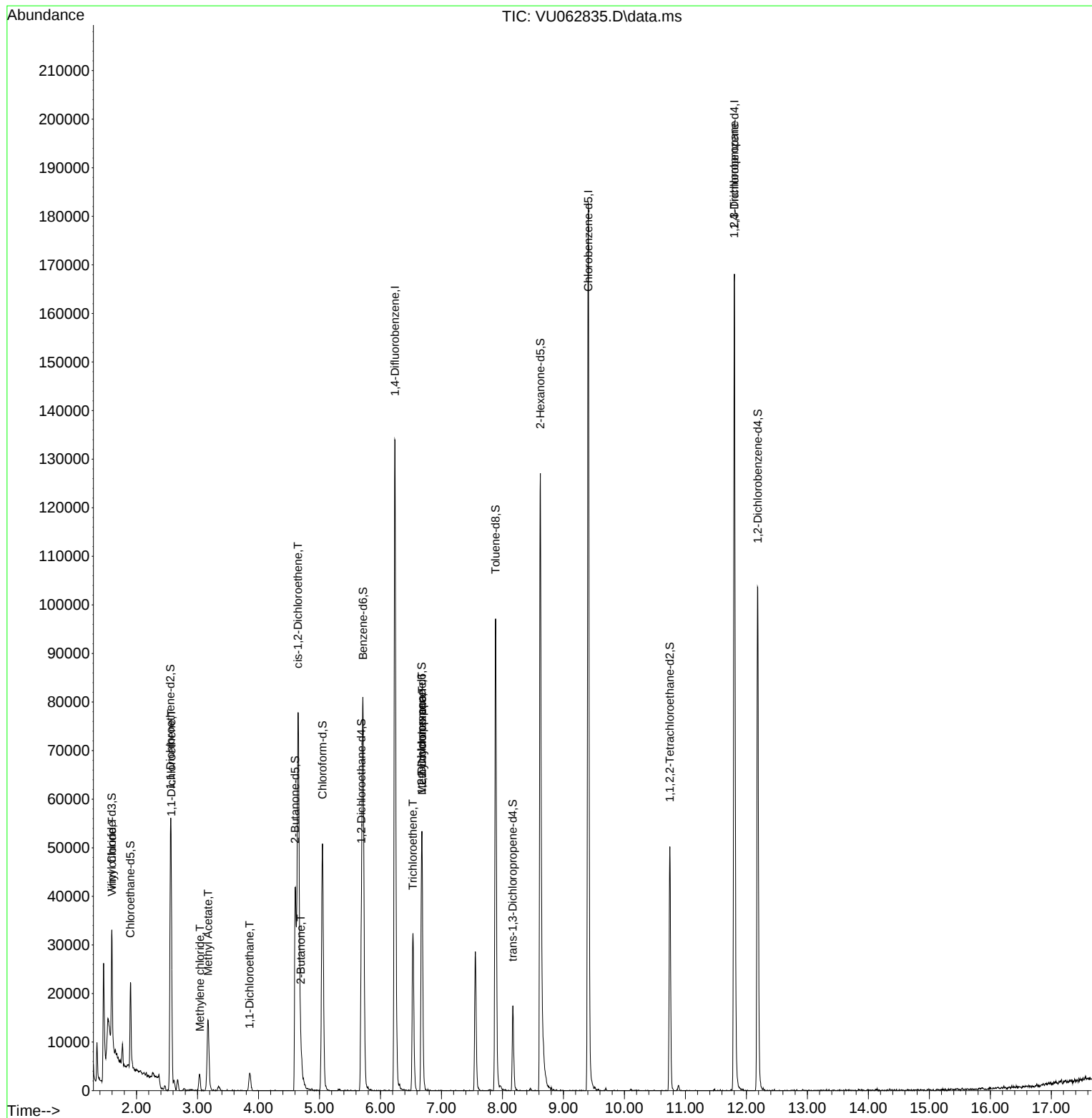
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	111337	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102515	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11975	1.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	38.800%#
7) Chloroethane-d5	1.901	69	12541	2.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.600%#
11) 1,1-Dichloroethene-d2	2.557	65	7181	2.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.000%#
20) 2-Butanone-d5	4.602	46	57629	45.727	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.460%
24) Chloroform-d	5.049	84	50481	3.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
26) 1,2-Dichloroethane-d4	5.689	65	29619	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
32) Benzene-d6	5.714	84	74505	2.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.400%#
36) 1,2-Dichloropropane-d6	6.676	67	23064	3.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.400%
41) Toluene-d8	7.888	98	68381	2.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	8.171	79	10867	3.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.800%
46) 2-Hexanone-d5	8.621	63	43965	40.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23083	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	30089	3.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.400%#
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5031	0.628	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	10896	1.576	ug/L	90
15) Methyl Acetate	3.174	43	1116	0.516	ug/L #	44
16) Methylene chloride	3.039	84	1919	0.253	ug/L	87
19) 1,1-Dichloroethane	3.856	63	4389	0.332	ug/L #	82
21) 2-Butanone	4.692	43	10585	7.961	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	40704	5.048	ug/L	98
34) Trichloroethene	6.531	95	11943	1.187	ug/L	90
35) Methylcyclohexane	6.682	83	6734	0.544	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	2983	0.429	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4697	1.059	ug/L #	59

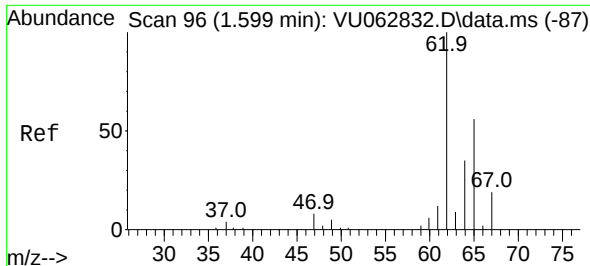
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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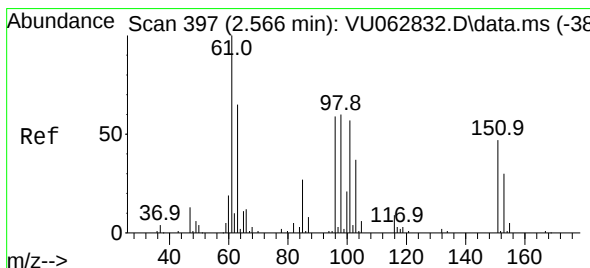
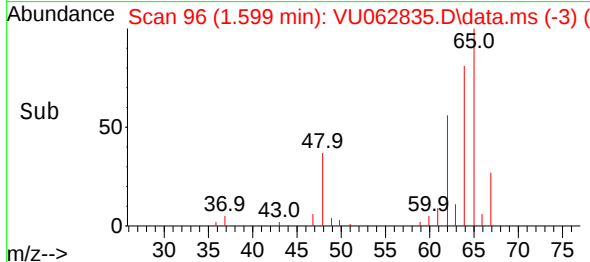
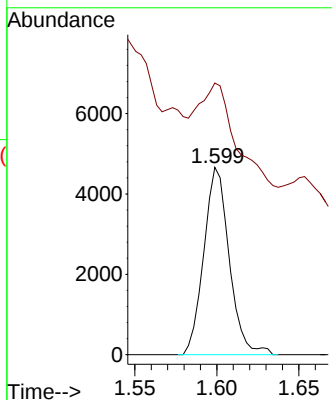
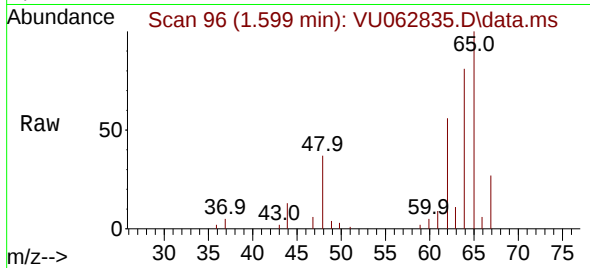




#5
 Vinyl chloride
 Concen: 0.628 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU062835.D
 Acq: 16 Jan 2025 21:50

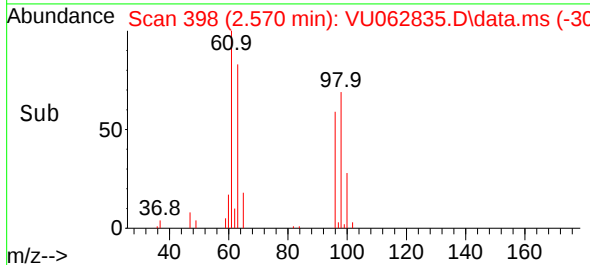
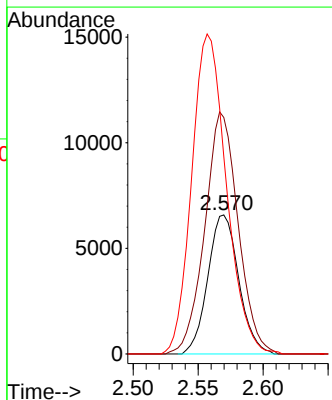
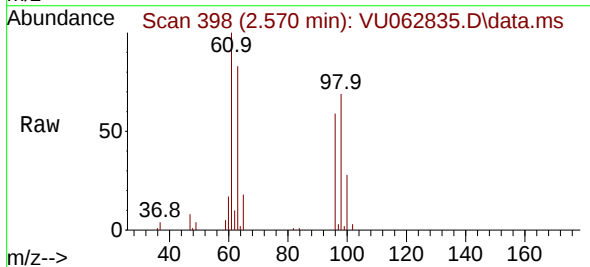
Instrument :
 MSVOA_U
 ClientSampleId :

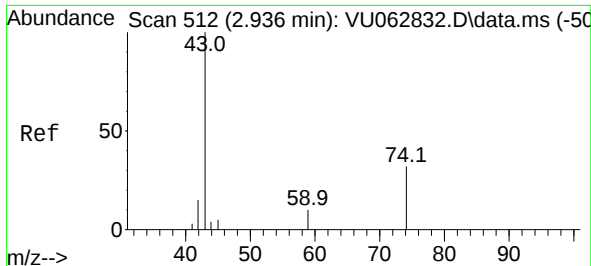
Tgt Ion: 62 Resp: 5031
 Ion Ratio Lower Upper
 62 100
 64 145.0 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 1.576 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU062835.D
 Acq: 16 Jan 2025 21:50

Tgt Ion: 96 Resp: 10896
 Ion Ratio Lower Upper
 96 100
 61 170.0 120.4 223.6
 63 141.9 82.3 152.9





#15

Methyl Acetate

Concen: 0.516 ug/L

RT: 3.174 min Scan# 512

Delta R.T. 0.238 min

Lab File: VU062835.D

Acq: 16 Jan 2025 21:50

Instrument :

MSVOA_U

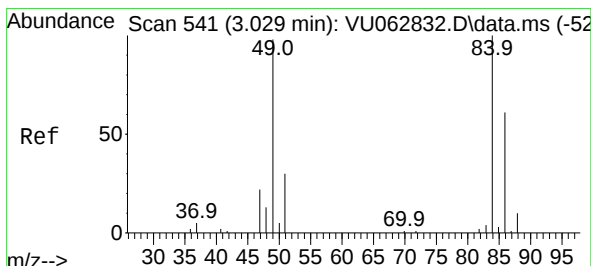
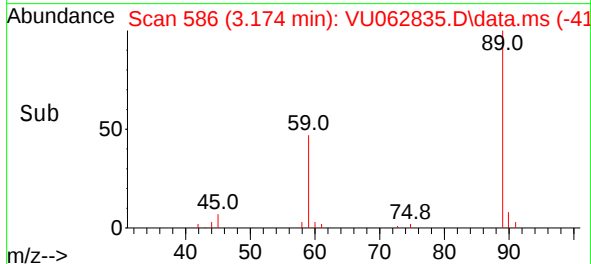
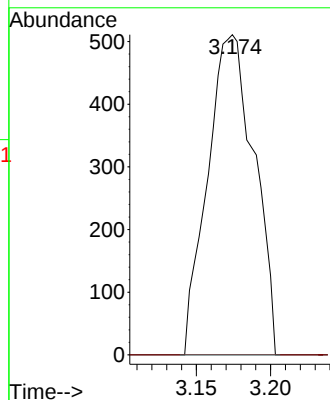
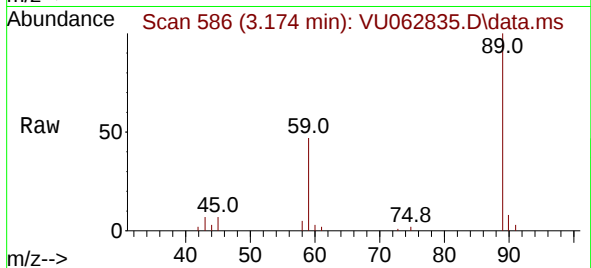
ClientSampleId :

Tgt Ion: 43 Resp: 1116

Ion Ratio Lower Upper

43 100

74 0.0 24.4 36.6#



#16

Methylene chloride

Concen: 0.253 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.010 min

Lab File: VU062835.D

Acq: 16 Jan 2025 21:50

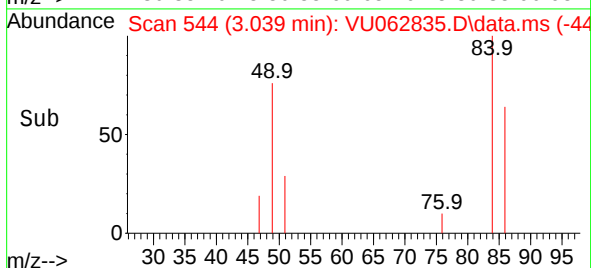
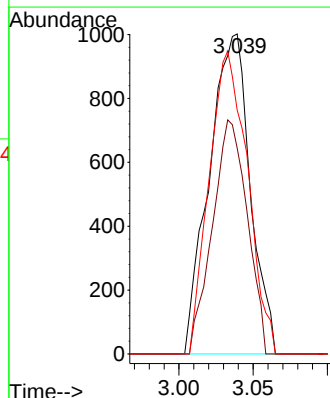
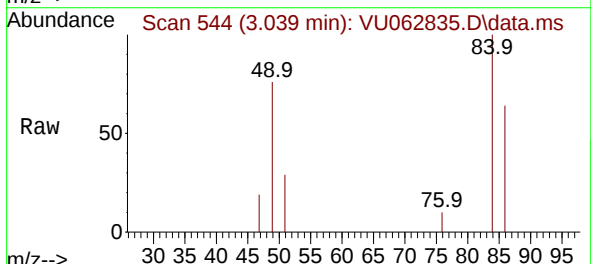
Tgt Ion: 84 Resp: 1919

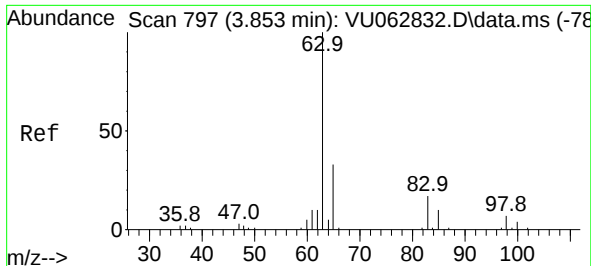
Ion Ratio Lower Upper

84 100

86 64.4 44.7 83.1

49 76.2 68.3 126.9





#19

1,1-Dichloroethane

Concen: 0.332 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062835.D

Acq: 16 Jan 2025 21:50

Instrument :

MSVOA_U

ClientSampleId :

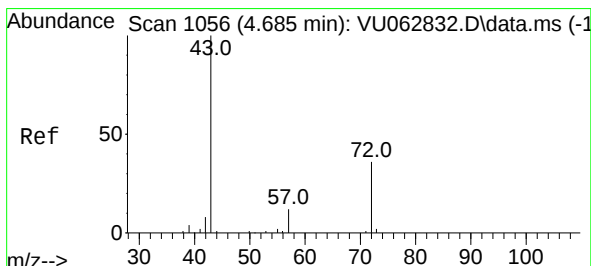
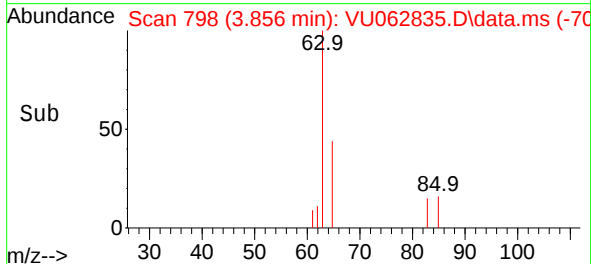
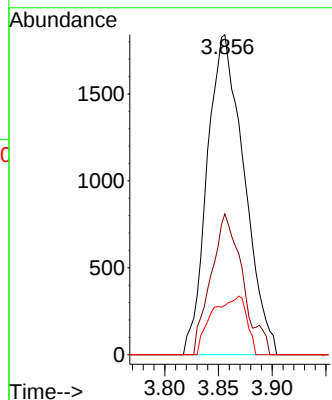
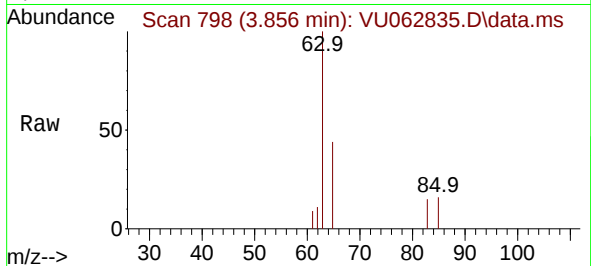
Tgt Ion: 63 Resp: 4389

Ion Ratio Lower Upper

63 100

65 44.0 20.7 38.5#

83 15.4 10.5 19.5



#21

2-Butanone

Concen: 7.961 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VU062835.D

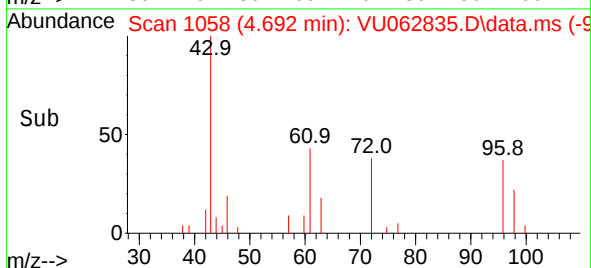
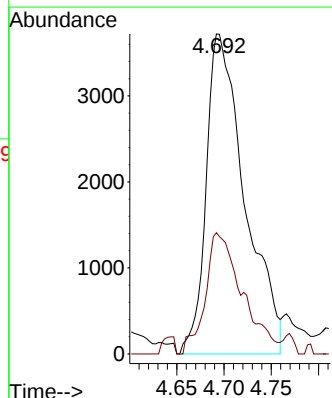
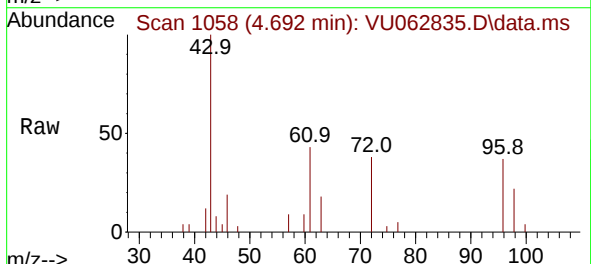
Acq: 16 Jan 2025 21:50

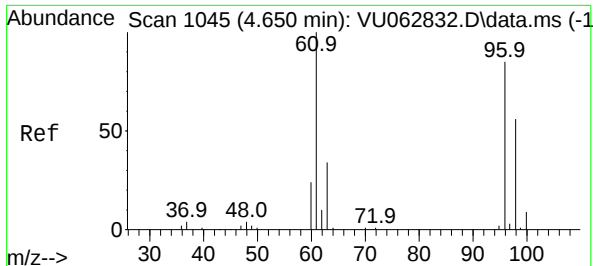
Tgt Ion: 43 Resp: 10585

Ion Ratio Lower Upper

43 100

72 36.2 17.1 51.2

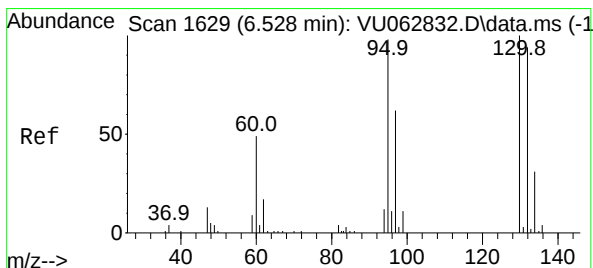
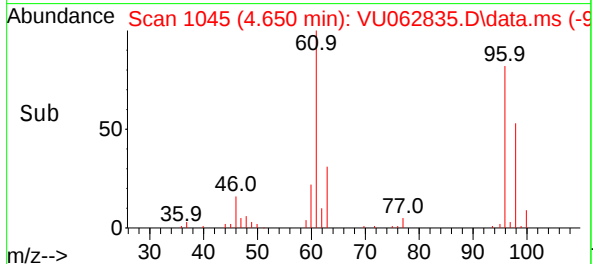
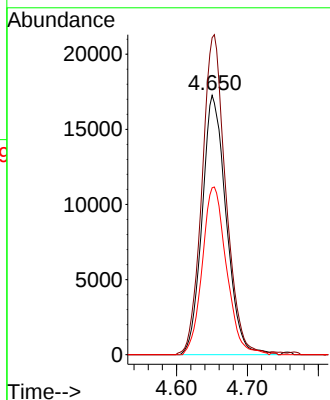
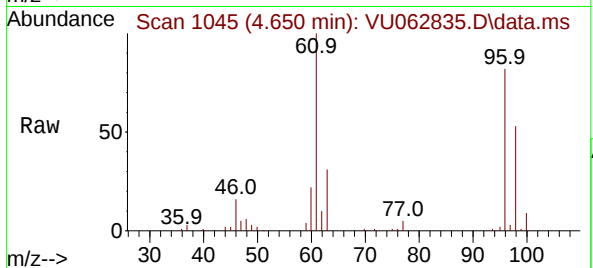




#22
cis-1,2-Dichloroethene
Concen: 5.048 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062835.D
Acq: 16 Jan 2025 21:50

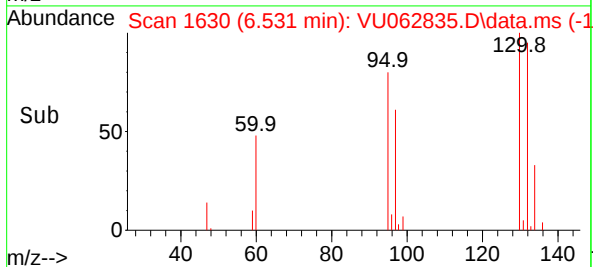
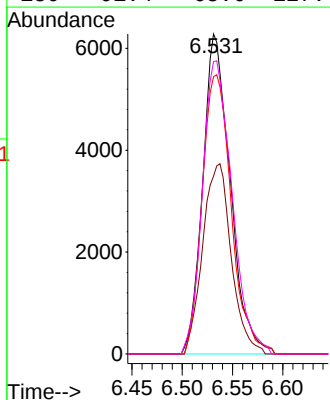
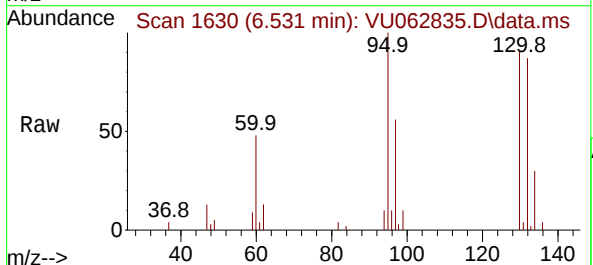
Instrument :
MSVOA_U
ClientSampleId :

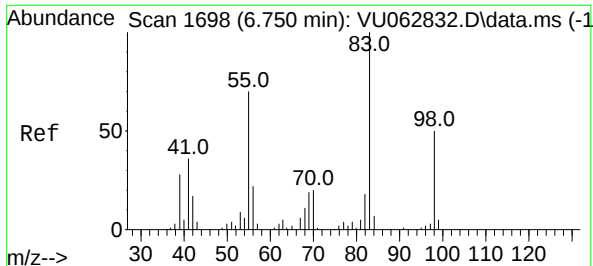
Tgt Ion: 96 Resp: 40704
Ion Ratio Lower Upper
96 100
61 122.2 84.8 157.6
98 64.3 43.1 80.1



#34
Trichloroethene
Concen: 1.187 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU062835.D
Acq: 16 Jan 2025 21:50

Tgt Ion: 95 Resp: 11943
Ion Ratio Lower Upper
95 100
97 55.6 47.5 88.3
132 86.7 66.9 124.3
130 91.4 68.6 127.4





#35

Methylcyclohexane

Concen: 0.544 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU062835.D

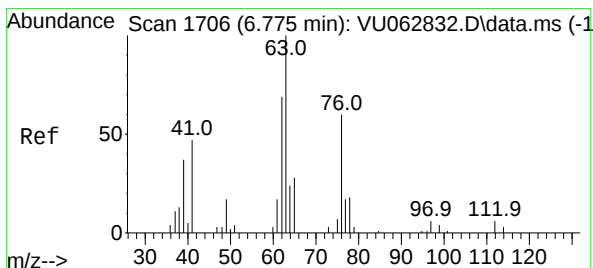
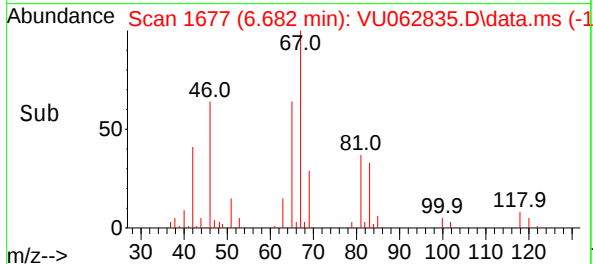
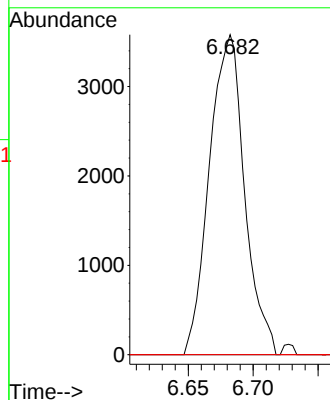
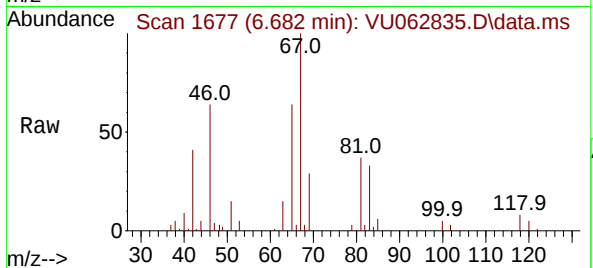
Acq: 16 Jan 2025 21:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6734
Ion Ratio	Lower Upper
83	100
55	0.0 57.2 85.8#
98	1.9 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.429 ug/L

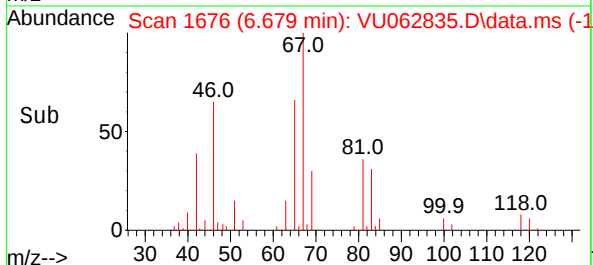
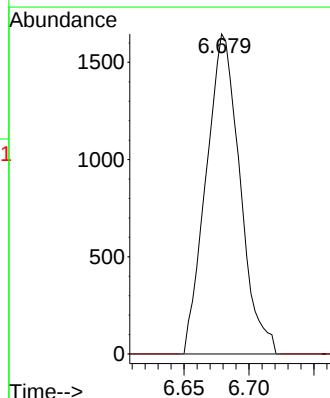
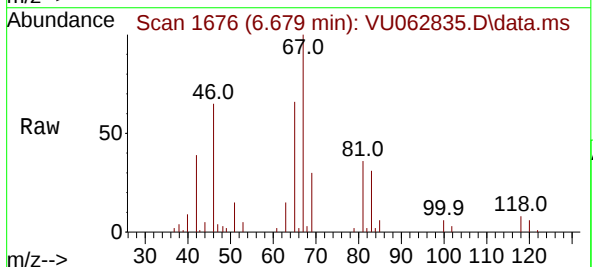
RT: 6.679 min Scan# 1676

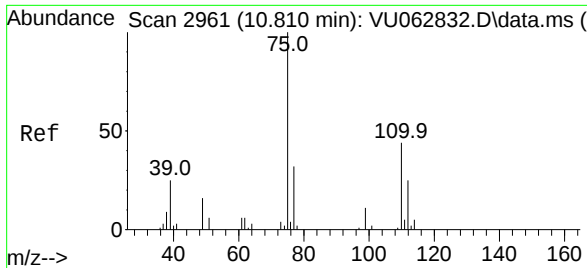
Delta R.T. -0.096 min

Lab File: VU062835.D

Acq: 16 Jan 2025 21:50

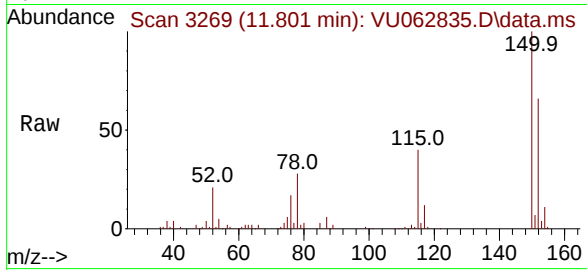
Tgt Ion: 63	Resp: 2983
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.059 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062835.D
 Acq: 16 Jan 2025 21:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4697
Ion	Ratio	Lower	Upper
75	100		
110	1.9	33.2	49.8#
77	39.7	25.9	38.9#

