

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062747.D
 Acq On : 14 Jan 2025 16:31
 Operator : MD/SY
 Sample : Q1057-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W4

Quant Time: Jan 15 00:36:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42672	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18364	3.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.901	69	17440	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.557	65	9681	3.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.605	46	55109	51.885	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.049	84	58109	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.689	65	33911	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.714	84	96132	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.679	67	28181	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.888	98	89630	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.171	79	12351	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.621	63	43294	45.504	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24706	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	36270	5.109	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%

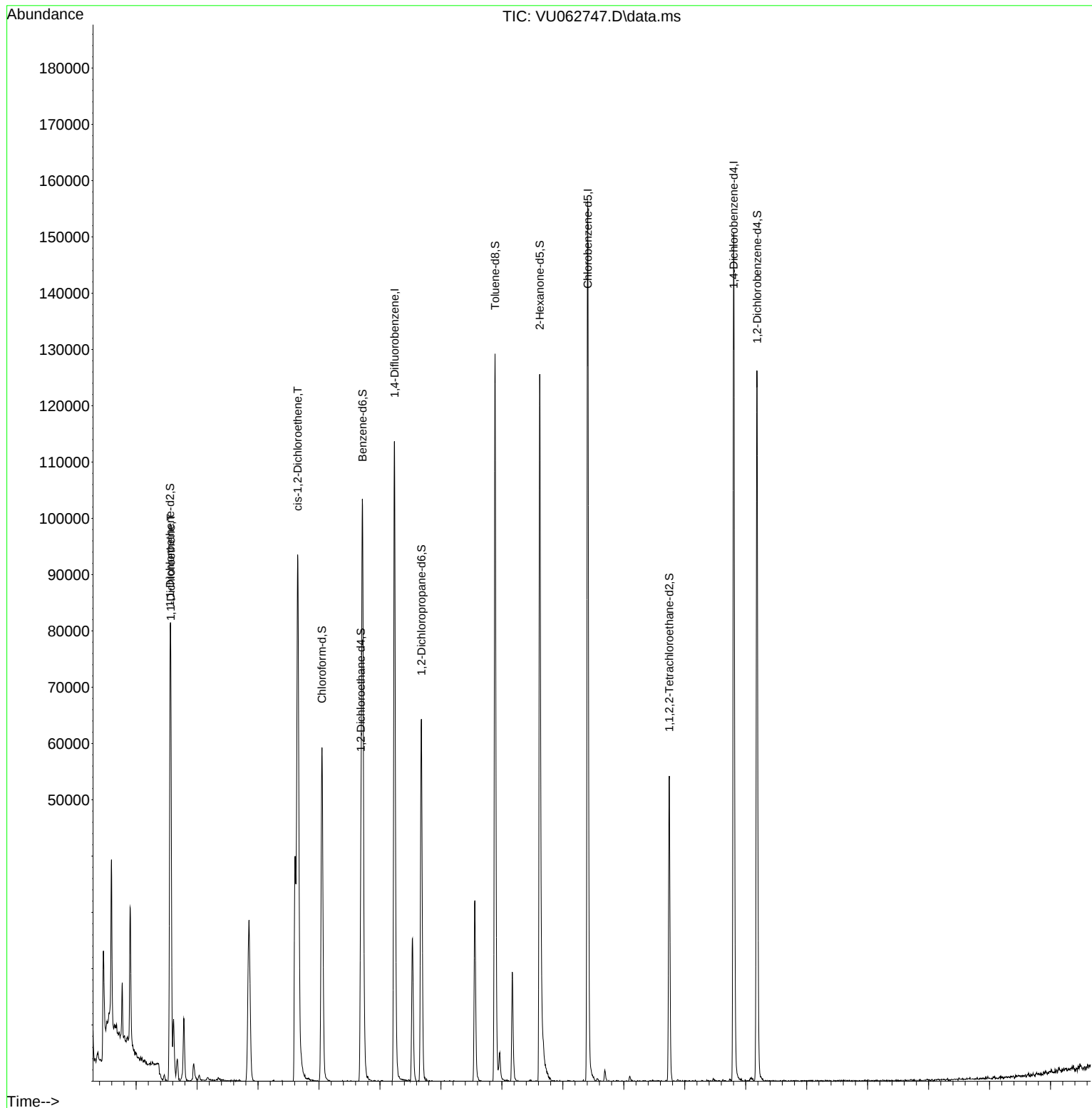
Target Compounds				Qvalue		
12) 1,1-Dichloroethene	2.570	96	16772	2.879	ug/L	89
13) Acetone	2.615	43	11780	14.000	ug/L	94
14) Carbon disulfide	2.782	76	14888	0.800	ug/L	99
15) Methyl Acetate	2.943	43	3820	2.097	ug/L	92
19) 1,1-Dichloroethane	3.853	63	25578	2.292	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	49645	7.305	ug/L	98
34) Trichloroethene	6.531	95	8870	1.009	ug/L	97
42) Toluene	7.962	91	4123	0.146	ug/L	91

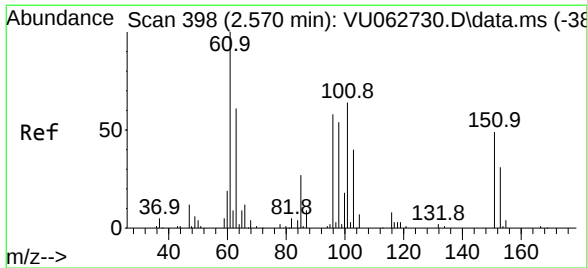
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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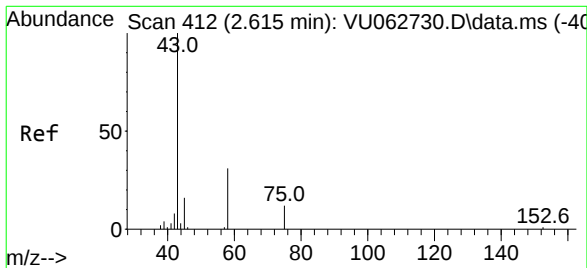
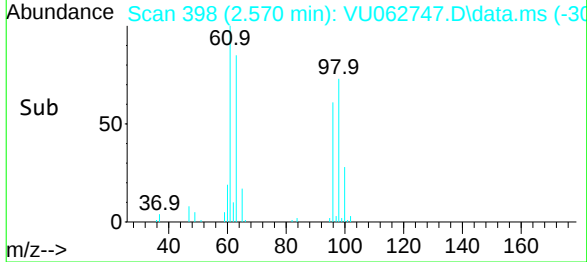
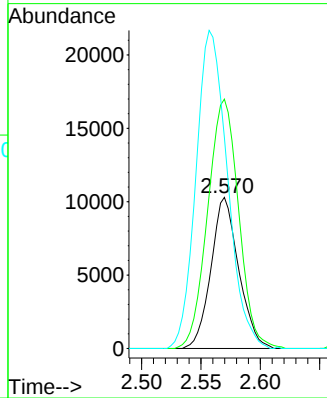
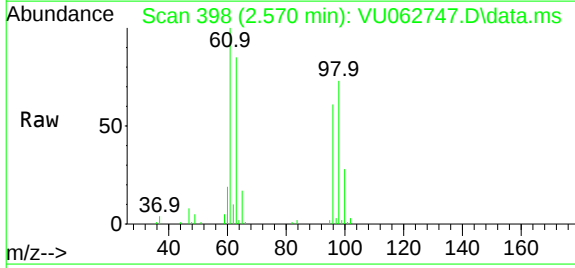




#12
1,1-Dichloroethene
Concen: 2.879 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

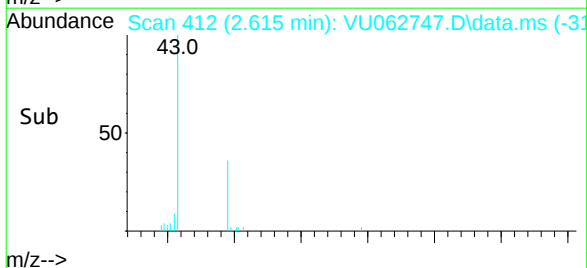
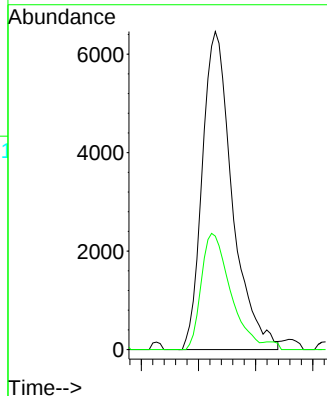
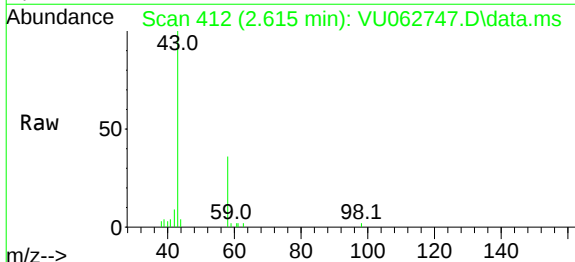
Instrument :
MSVOA_U
ClientSampleId :
BH8W4

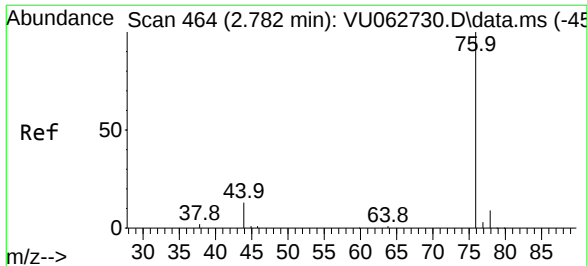
Tgt Ion: 96 Resp: 16772
Ion Ratio Lower Upper
96 100
61 165.0 120.4 223.6
63 139.7 82.3 152.9



#13
Acetone
Concen: 14.000 ug/L
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 43 Resp: 11780
Ion Ratio Lower Upper
43 100
58 35.5 0.0 64.4





#14

Carbon disulfide

Concen: 0.800 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU062747.D

Acq: 14 Jan 2025 16:31

Instrument :

MSVOA_U

ClientSampleId :

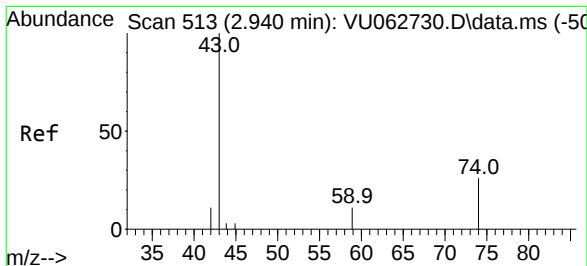
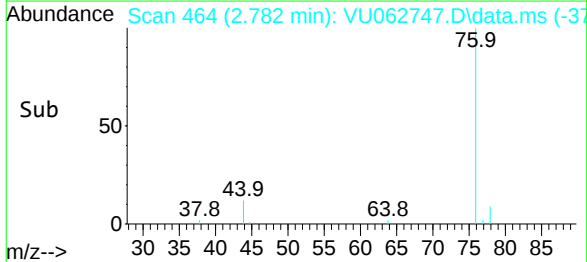
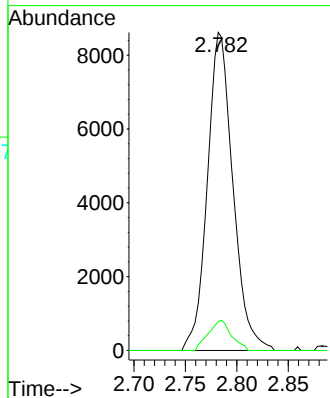
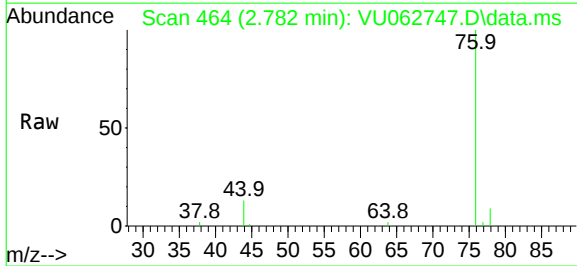
BH8W4

Tgt Ion: 76 Resp: 14888

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#15

Methyl Acetate

Concen: 2.097 ug/L

RT: 2.943 min Scan# 514

Delta R.T. 0.003 min

Lab File: VU062747.D

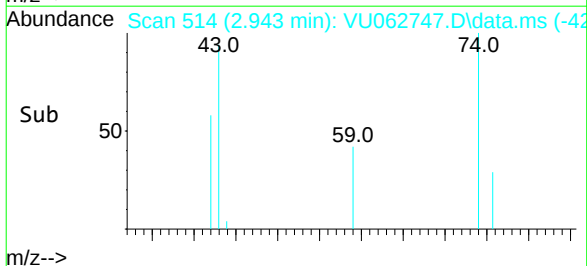
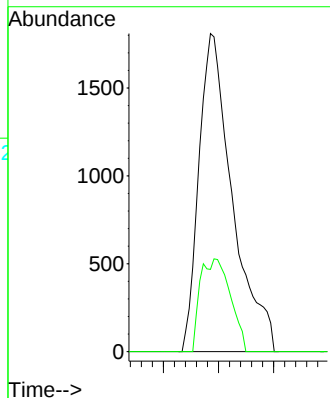
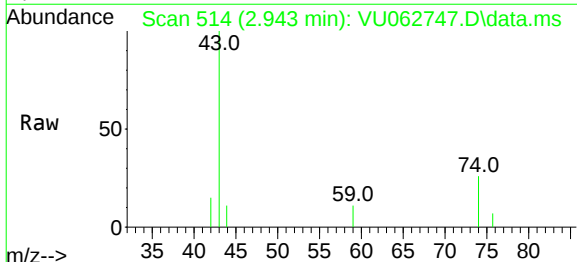
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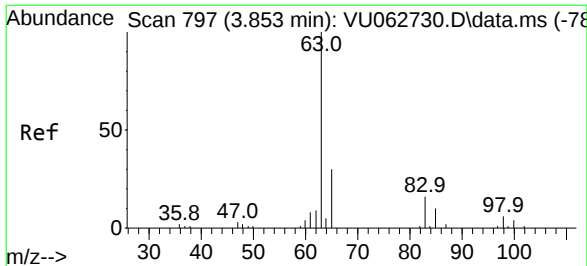
Tgt Ion: 43 Resp: 3820

Ion Ratio Lower Upper

43 100

74 26.2 24.4 36.6

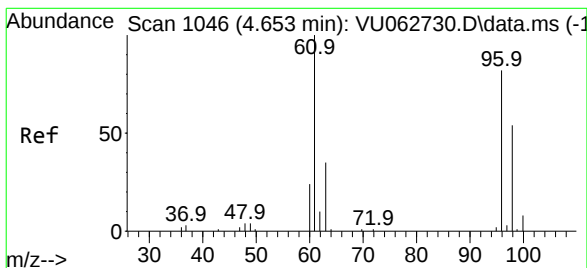
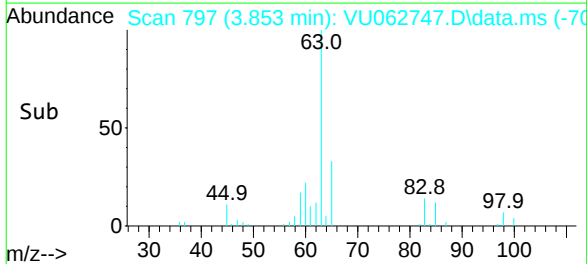
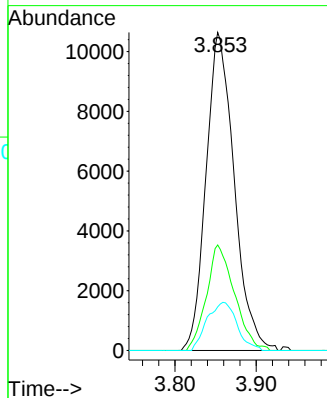
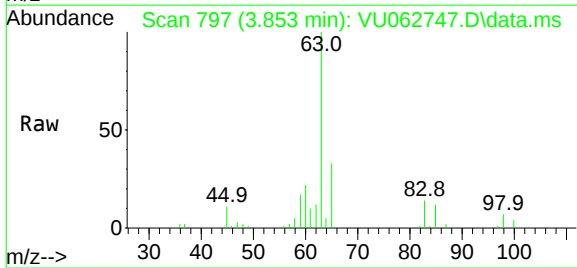




#19
1,1-Dichloroethane
Concen: 2.292 ug/L
RT: 3.853 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

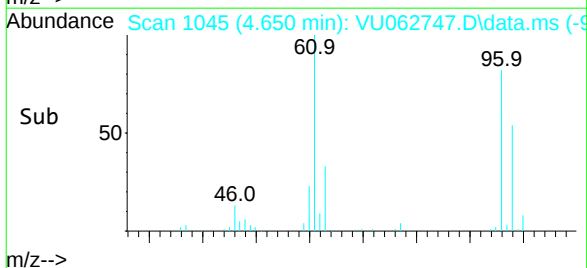
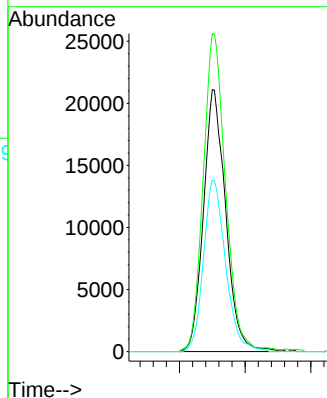
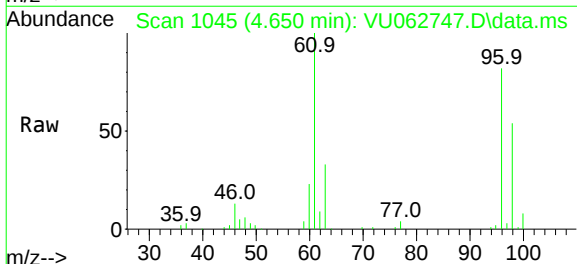
Instrument :
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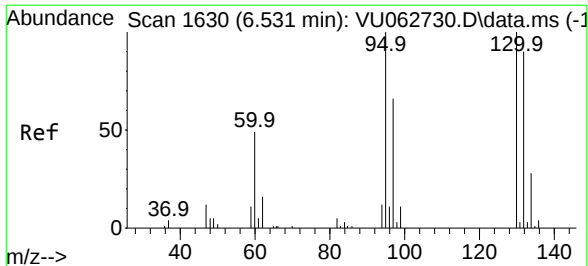
Tgt Ion:	63	Resp:	25578
Ion	Ratio	Lower	Upper
63	100		
65	33.2	20.7	38.5
83	13.7	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 7.305 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

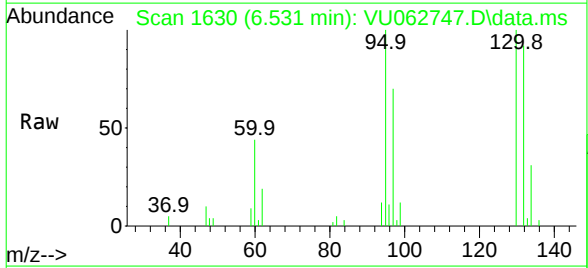
Tgt Ion:	96	Resp:	49645
Ion	Ratio	Lower	Upper
96	100		
61	121.4	84.8	157.6
98	65.4	43.1	80.1



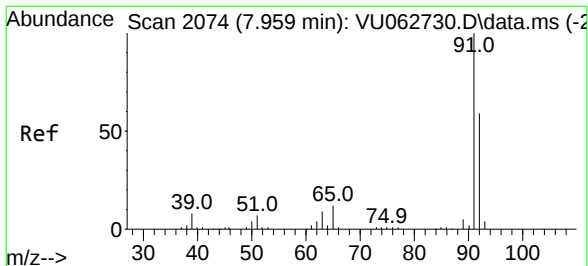
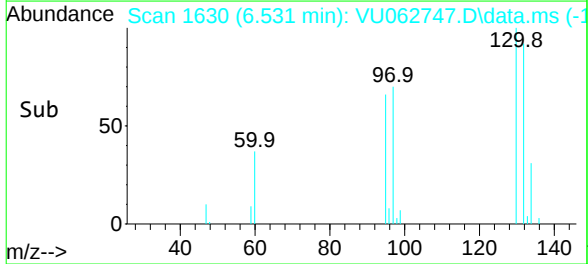
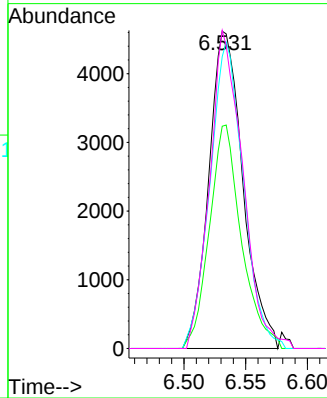


#34
Trichloroethene
Concen: 1.009 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Instrument :
MSVOA_U
ClientSampleId :
BH8W4



Tgt Ion: 95 Resp: 8870
Ion Ratio Lower Upper
95 100
97 70.1 47.5 88.3
132 92.0 66.9 124.3
130 100.3 68.6 127.4



#42
Toluene
Concen: 0.146 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062747.D
Acq: 14 Jan 2025 16:31

Tgt Ion: 91 Resp: 4123
Ion Ratio Lower Upper
91 100
92 64.4 40.4 75.0

