

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062737.D
 Acq On : 14 Jan 2025 12:30
 Operator : MD/SY
 Sample : Q1058-18 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y7

Quant Time: Jan 15 00:33:36 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	95655	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41265	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18309	3.456	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.904	69	17627	4.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.560	65	10189	3.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.618	46	61468	56.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.540%
24) Chloroform-d	5.049	84	58422	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.692	65	35378	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.714	84	99292	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.679	67	30038	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.888	98	90904	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	12373	4.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.627	63	49457	53.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24921	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	34134	4.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%

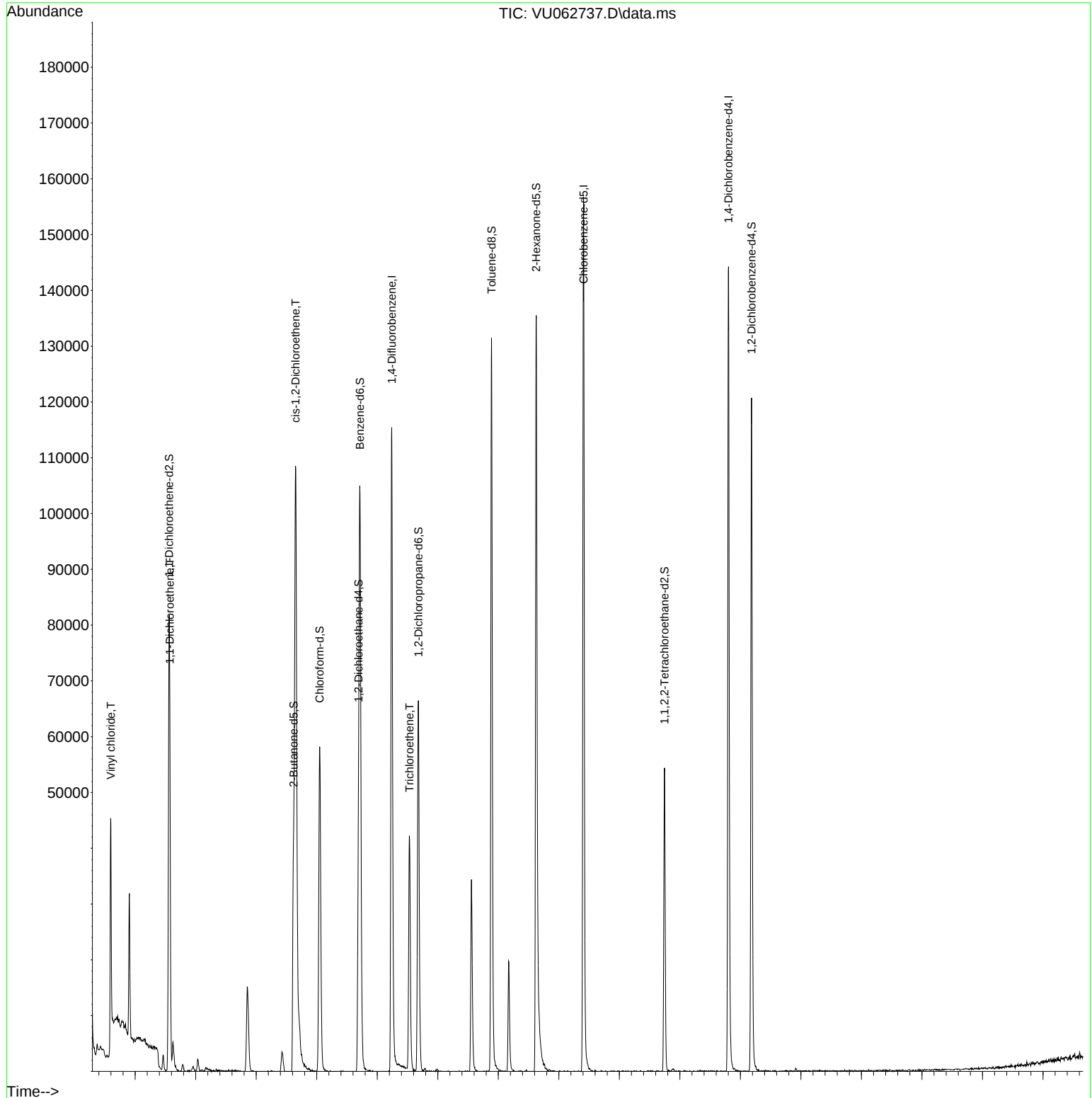
Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	10875	1.579	ug/L #	60
12) 1,1-Dichloroethene	2.573	96	15962	2.688	ug/L	94
13) Acetone	2.624	43	7510	8.756	ug/L	92
16) Methylene chloride	3.036	84	1054	0.162	ug/L	89
19) 1,1-Dichloroethane	3.853	63	18144	1.595	ug/L	95
21) 2-Butanone	4.711	43	10797	9.452	ug/L	84
22) cis-1,2-Dichloroethene	4.650	96	53296	7.693	ug/L	94
34) Trichloroethene	6.531	95	15232	1.769	ug/L	97

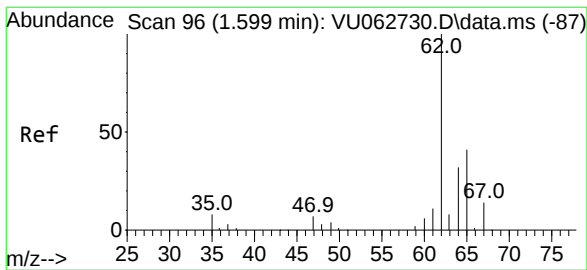
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.579 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU062737.D

Acq: 14 Jan 2025 12:30

Instrument :

MSVOA_U

ClientSampleId :

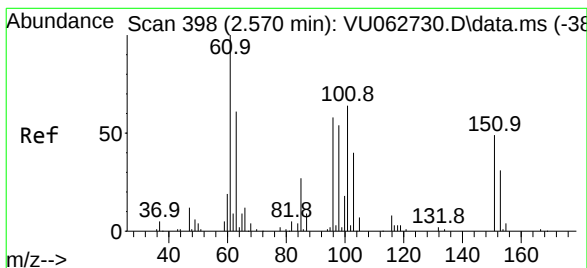
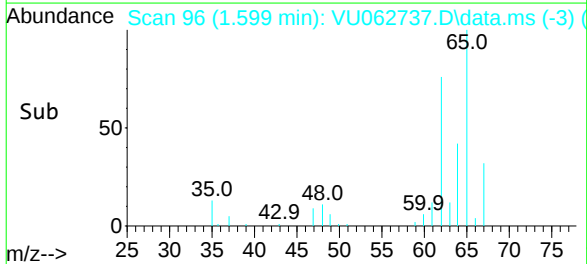
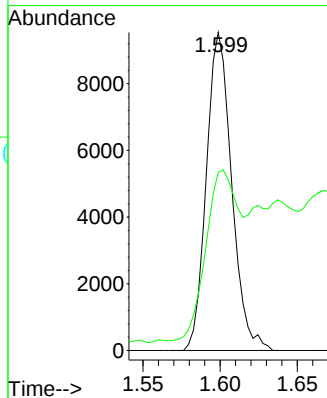
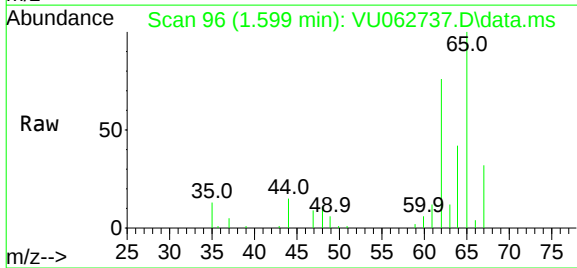
BH8Y7

Tgt Ion: 62 Resp: 10875

Ion Ratio Lower Upper

62 100

64 56.0 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 2.688 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU062737.D

Acq: 14 Jan 2025 12:30

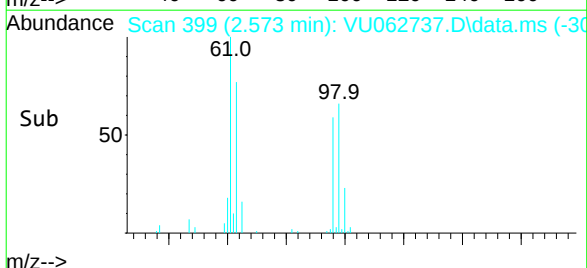
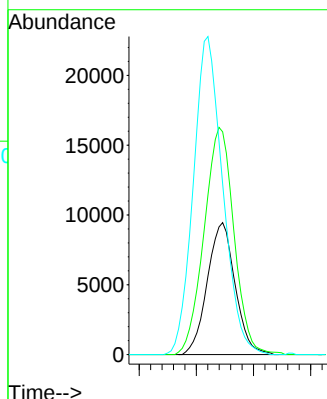
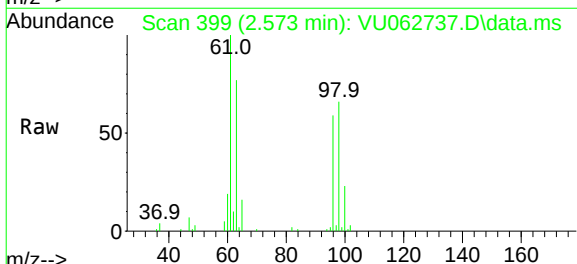
Tgt Ion: 96 Resp: 15962

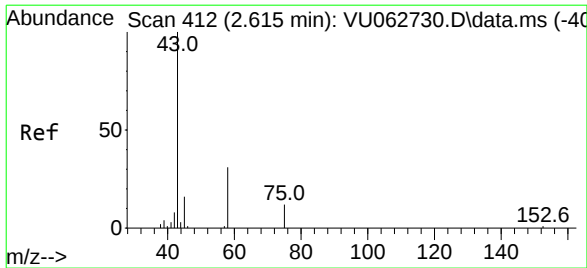
Ion Ratio Lower Upper

96 100

61 168.8 120.4 223.6

63 129.3 82.3 152.9





#13

Acetone

Concen: 8.756 ug/L

RT: 2.624 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU062737.D

Acq: 14 Jan 2025 12:30

Instrument :

MSVOA_U

ClientSampleId :

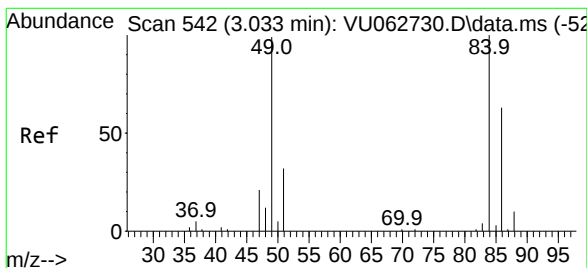
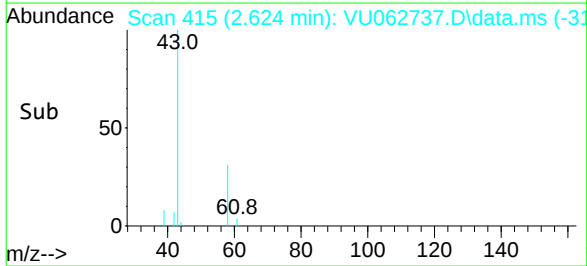
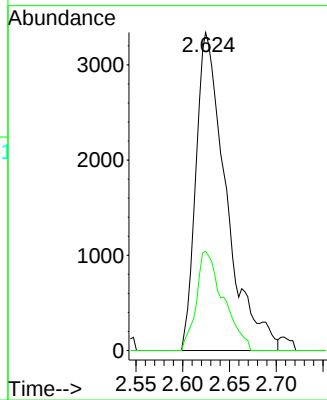
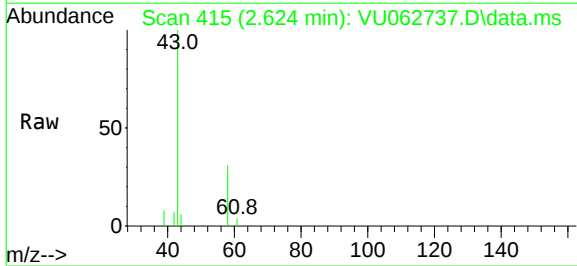
BH8Y7

Tgt Ion: 43 Resp: 7510

Ion Ratio Lower Upper

43 100

58 27.9 0.0 64.4



#16

Methylene chloride

Concen: 0.162 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU062737.D

Acq: 14 Jan 2025 12:30

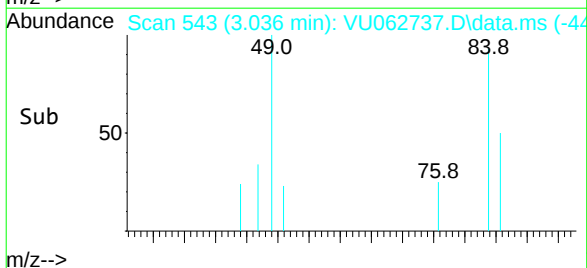
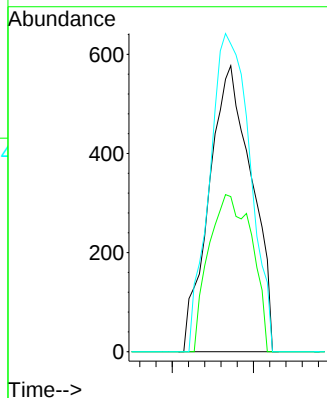
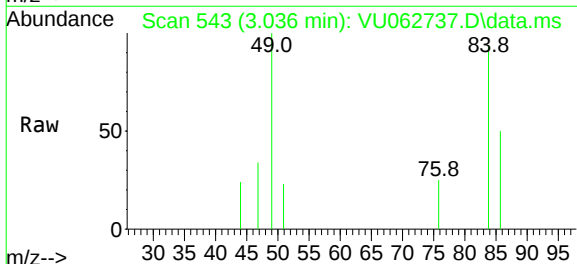
Tgt Ion: 84 Resp: 1054

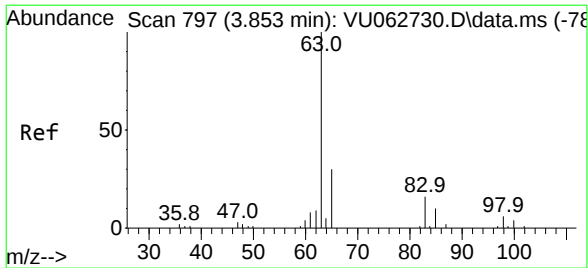
Ion Ratio Lower Upper

84 100

86 54.2 44.7 83.1

49 107.6 68.3 126.9

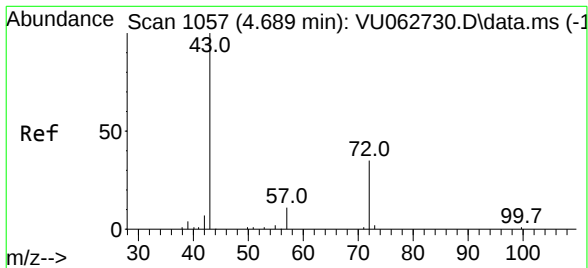
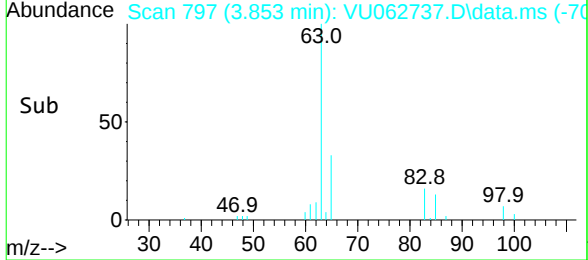
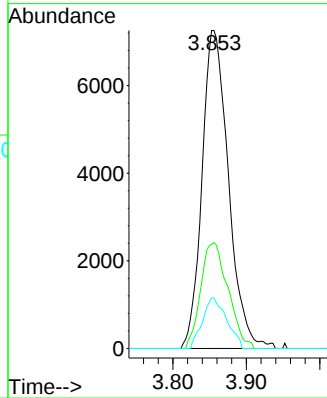
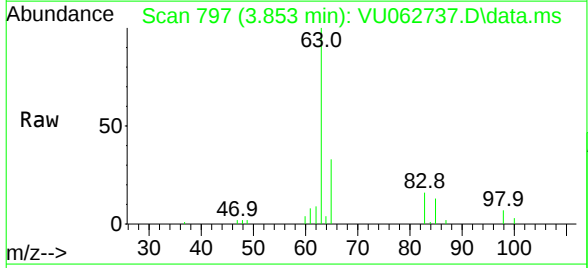




#19
1,1-Dichloroethane
Concen: 1.595 ug/L
RT: 3.853 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU062737.D
Acq: 14 Jan 2025 12:30

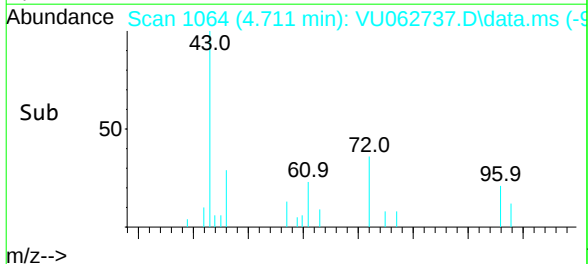
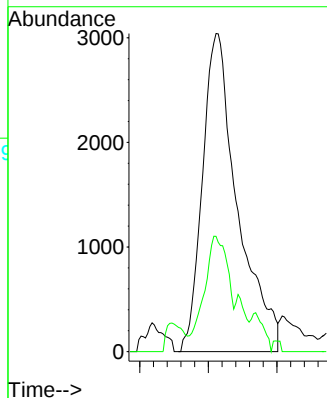
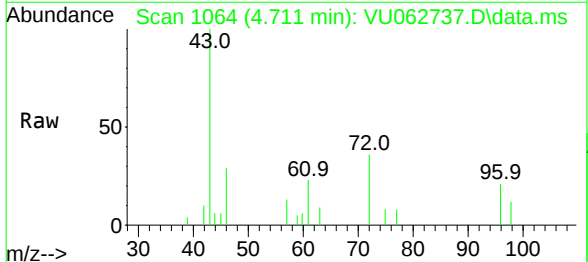
Instrument :
MSVOA_U
ClientSampleId :
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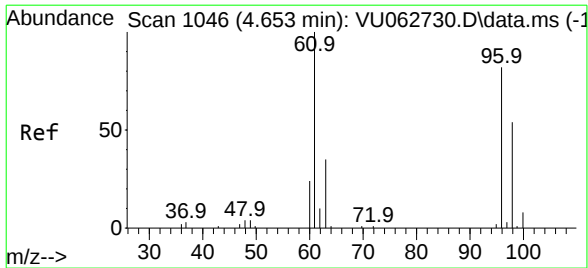
Tgt Ion:	63	Resp:	18144
Ion	Ratio	Lower	Upper
63	100		
65	32.8	20.7	38.5
83	15.9	10.5	19.5



#21
2-Butanone
Concen: 9.452 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.022 min
Lab File: VU062737.D
Acq: 14 Jan 2025 12:30

Tgt Ion:	43	Resp:	10797
Ion	Ratio	Lower	Upper
43	100		
72	25.2	17.1	51.2

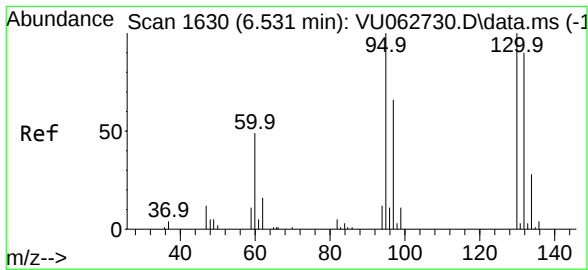
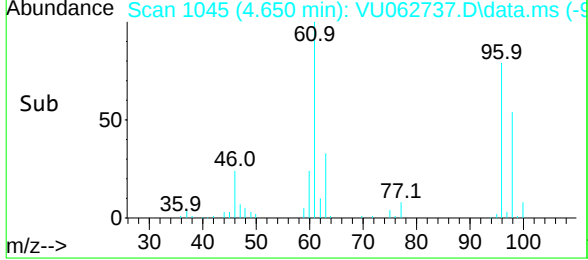
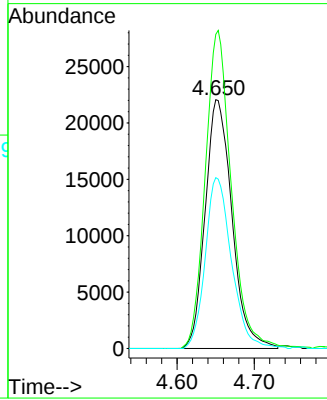
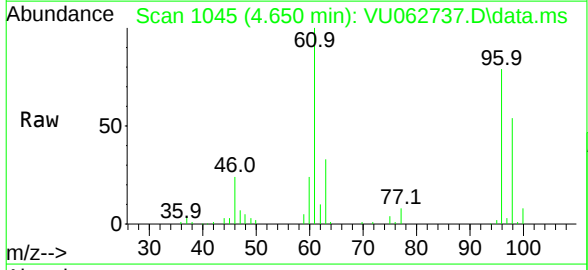




#22
 cis-1,2-Dichloroethene
 Concen: 7.693 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062737.D
 Acq: 14 Jan 2025 12:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y7

Tgt Ion:	96	Resp:	53296
Ion	Ratio	Lower	Upper
96	100		
61	126.3	84.8	157.6
98	68.7	43.1	80.1



#34
 Trichloroethene
 Concen: 1.769 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062737.D
 Acq: 14 Jan 2025 12:30

Tgt Ion:	95	Resp:	15232
Ion	Ratio	Lower	Upper
95	100		
97	63.3	47.5	88.3
132	95.2	66.9	124.3
130	95.6	68.6	127.4

