

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062688.D
 Acq On : 10 Jan 2025 16:52
 Operator : MD/SY
 Sample : Q1058-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X6

Quant Time: Jan 10 22:46:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	93344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42795	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21321	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.904	69	18306	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.557	65	11636	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.605	46	60572	57.327	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.660%
24) Chloroform-d	5.052	84	59446	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.689	65	35084	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.714	84	99718	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.679	67	29740	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.888	98	94539	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.171	79	14698	4.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.621	63	53953	58.043	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27662	5.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	36355	5.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%

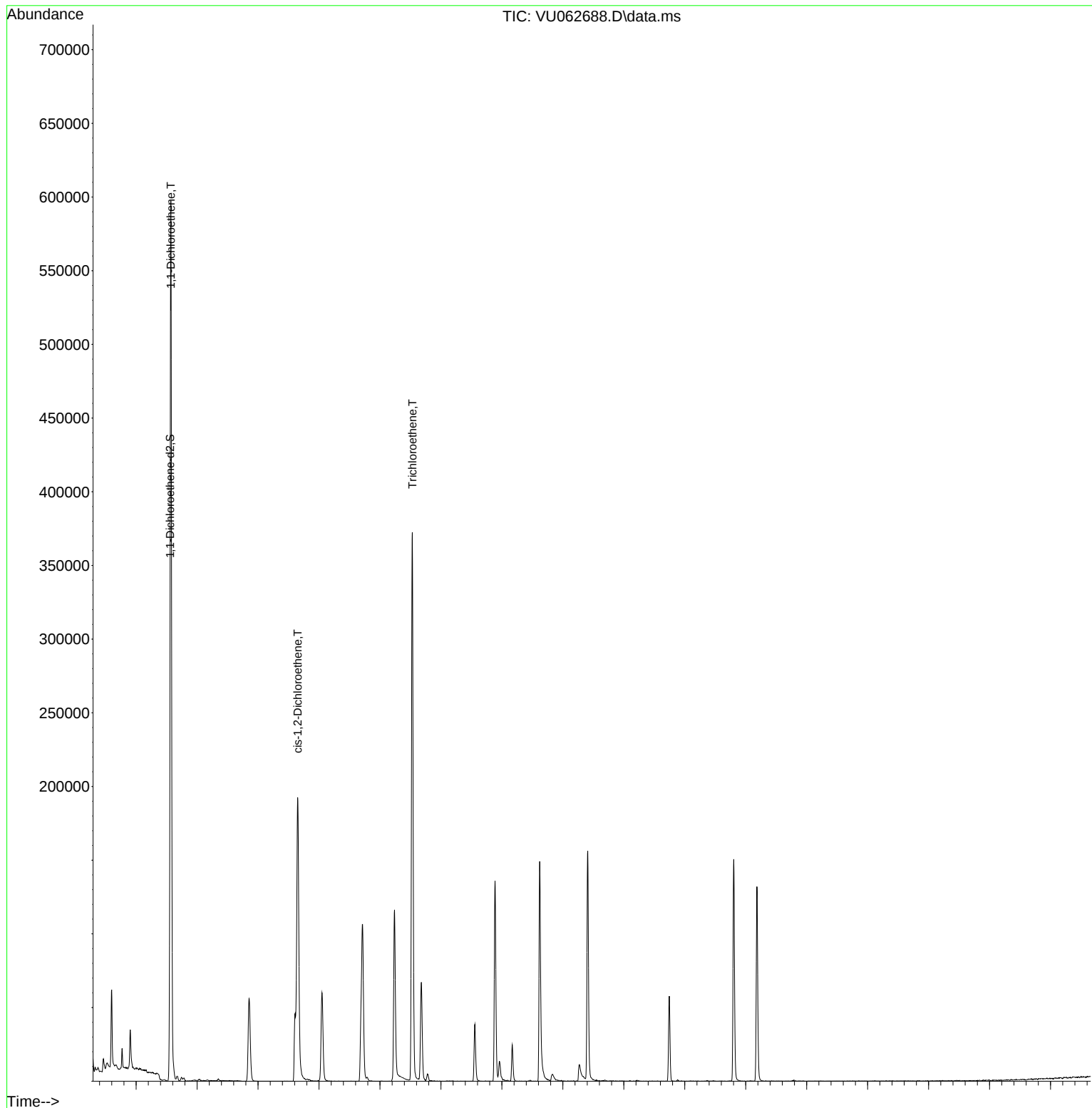
Target Compounds					Qvalue
5) Vinyl chloride	1.599	62	17194	2.559 ug/L	# 49
12) 1,1-Dichloroethene	2.570	96	198305	34.223 ug/L	# 74
13) Acetone	2.615	43	8422	10.062 ug/L	97
19) 1,1-Dichloroethane	3.853	63	62791	5.657 ug/L	96
21) 2-Butanone	4.705	43	6416	5.756 ug/L	84
22) cis-1,2-Dichloroethene	4.650	96	104525	15.461 ug/L	98
34) Trichloroethene	6.531	95	129222	15.050 ug/L	97
42) Toluene	7.962	91	9474	0.344 ug/L	100

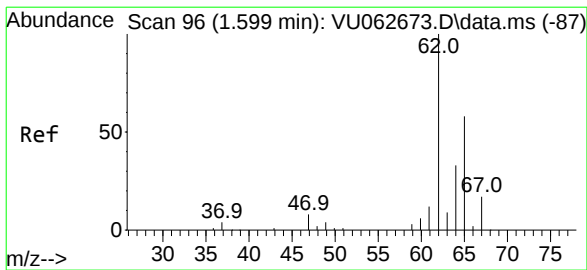
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.559 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

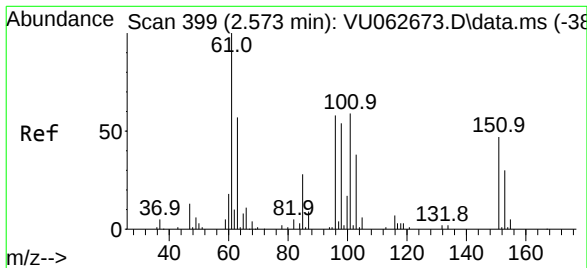
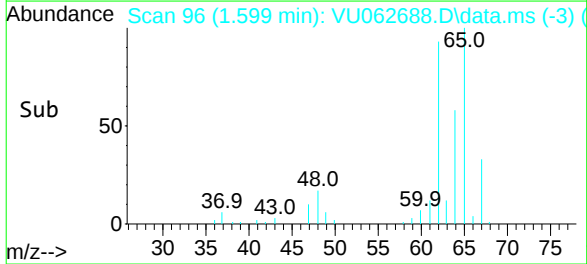
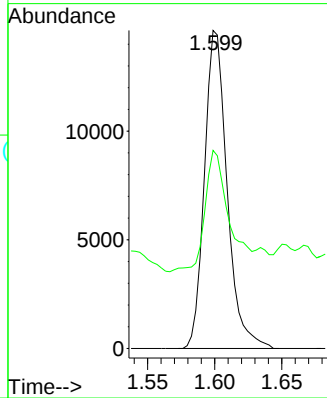
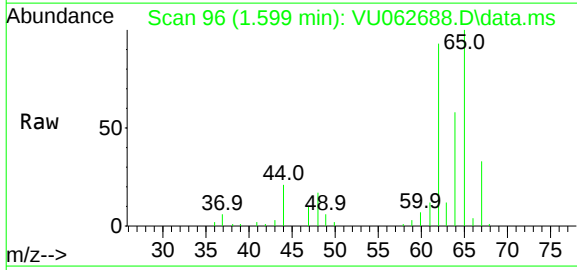
BH8X6

Tgt Ion: 62 Resp: 17194

Ion Ratio Lower Upper

62 100

64 62.3 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 34.223 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

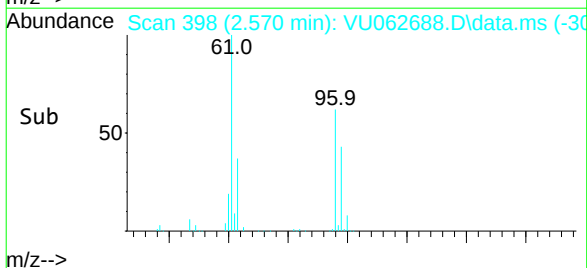
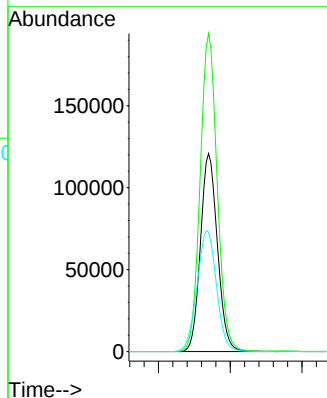
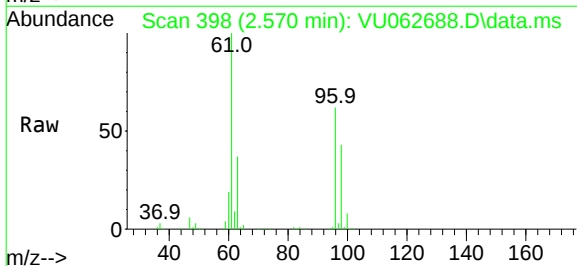
Tgt Ion: 96 Resp: 198305

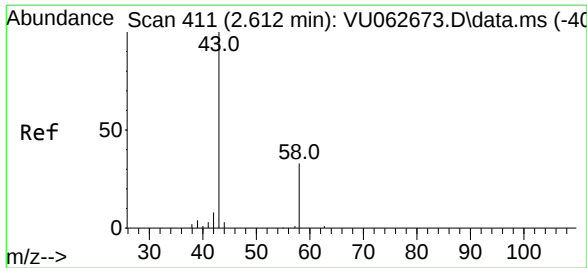
Ion Ratio Lower Upper

96 100

61 160.5 120.4 223.6

63 60.1 82.3 152.9#





#13

Acetone

Concen: 10.062 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

Instrument :

MSVOA_U

ClientSampleId :

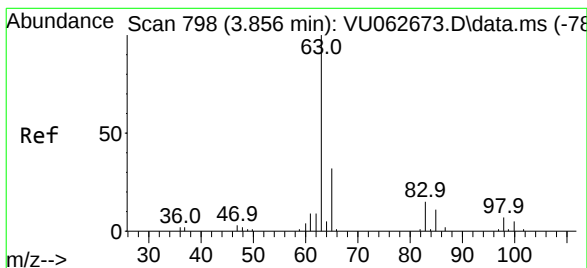
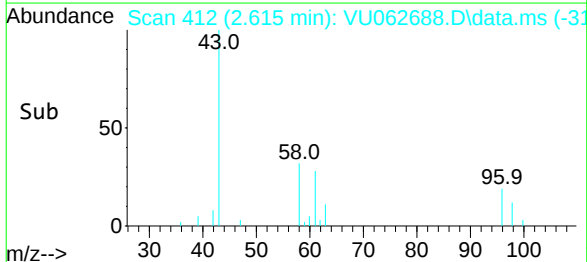
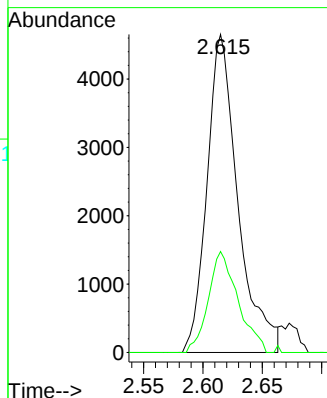
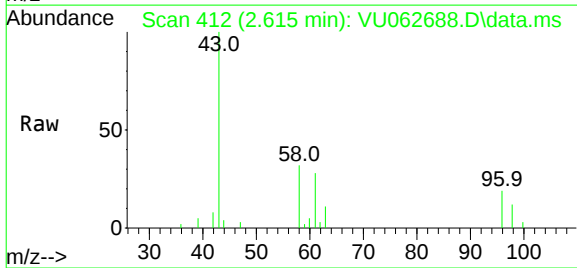
BH8X6

Tgt Ion: 43 Resp: 8422

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.4



#19

1,1-Dichloroethane

Concen: 5.657 ug/L

RT: 3.853 min Scan# 797

Delta R.T. -0.003 min

Lab File: VU062688.D

Acq: 10 Jan 2025 16:52

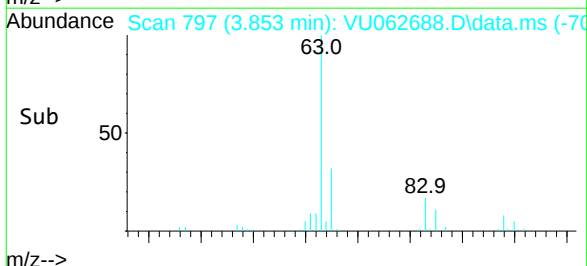
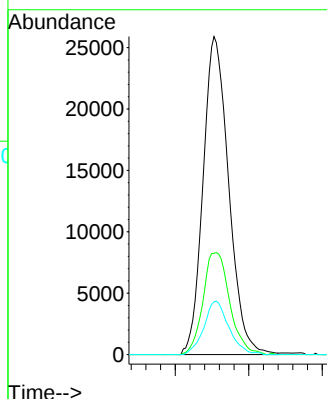
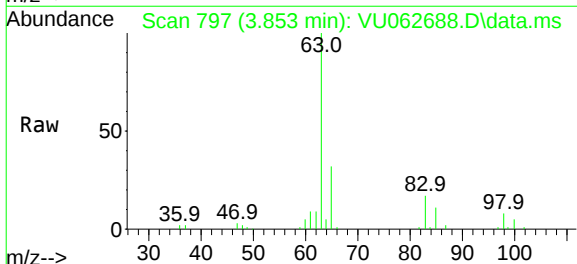
Tgt Ion: 63 Resp: 62791

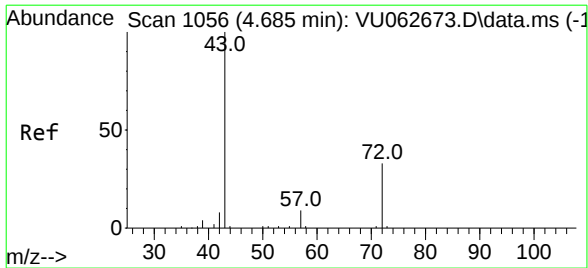
Ion Ratio Lower Upper

63 100

65 31.9 20.7 38.5

83 16.6 10.5 19.5

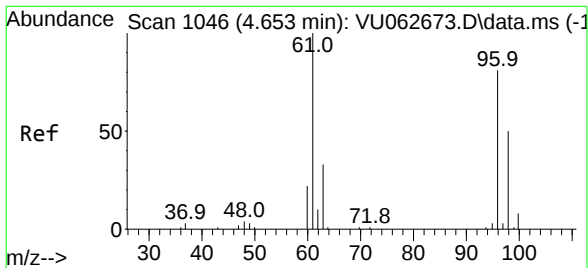
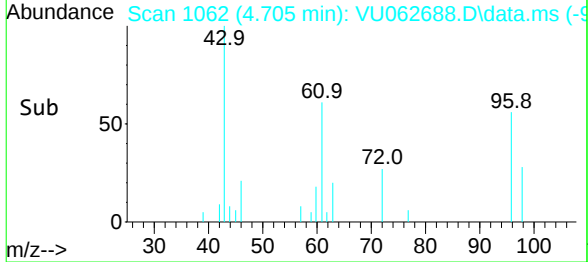
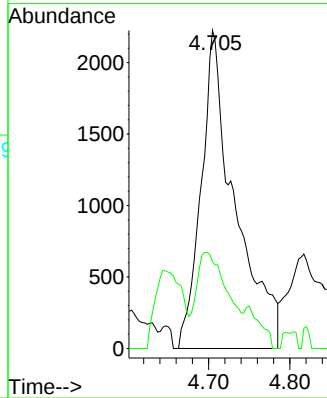
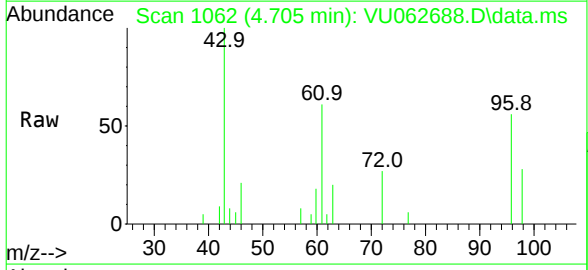




#21
2-Butanone
Concen: 5.756 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.019 min
Lab File: VU062688.D
Acq: 10 Jan 2025 16:52

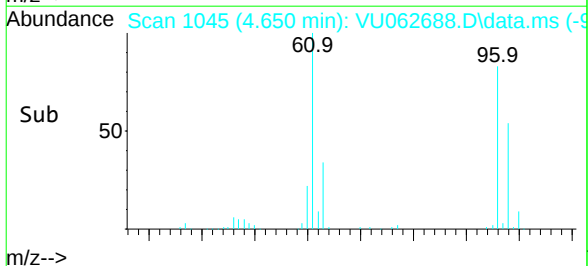
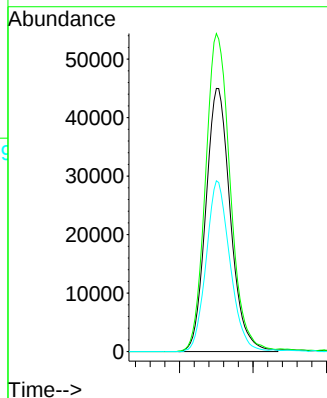
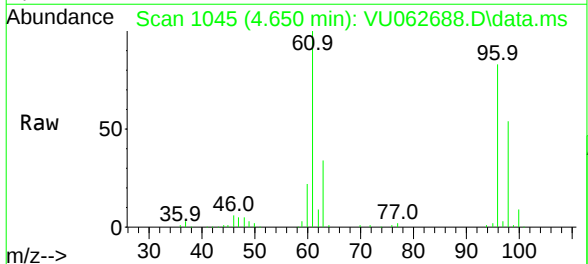
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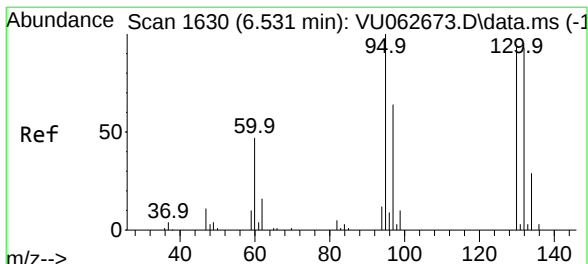
Tgt Ion: 43 Resp: 6416
Ion Ratio Lower Upper
43 100
72 24.8 17.1 51.2



#22
cis-1,2-Dichloroethene
Concen: 15.461 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062688.D
Acq: 10 Jan 2025 16:52

Tgt Ion: 96 Resp: 104525
Ion Ratio Lower Upper
96 100
61 120.9 84.8 157.6
98 64.9 43.1 80.1

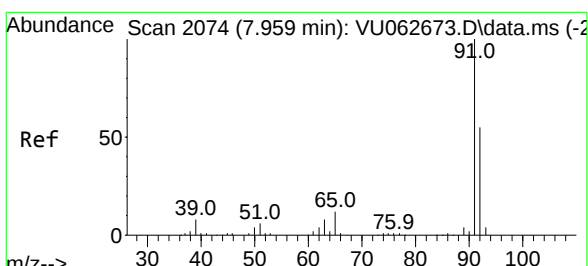
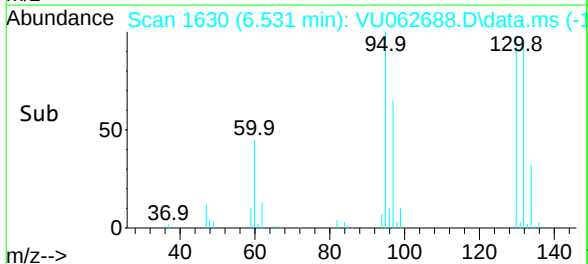
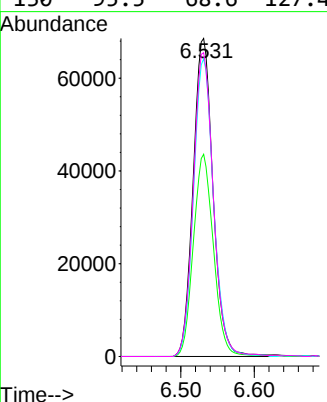
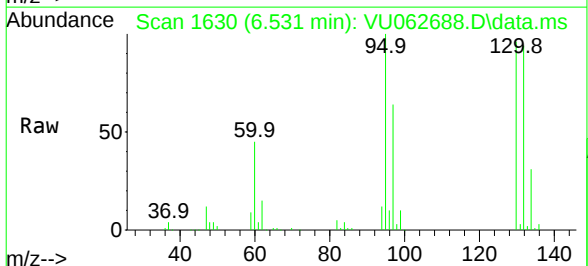




#34
 Trichloroethene
 Concen: 15.050 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU062688.D
 Acq: 10 Jan 2025 16:52

Instrument : MSVOA_U
 ClientSampleId : BH8X6

Tgt Ion:	95	Resp:	129222
Ion	Ratio	Lower	Upper
95	100		
97	63.6	47.5	88.3
132	93.6	66.9	124.3
130	95.5	68.6	127.4



#42
 Toluene
 Concen: 0.344 ug/L
 RT: 7.962 min Scan# 2075
 Delta R.T. 0.003 min
 Lab File: VU062688.D
 Acq: 10 Jan 2025 16:52

Tgt Ion:	91	Resp:	9474
Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.4	75.0

