

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062786.D
 Acq On : 16 Jan 2025 00:00
 Operator : MD/SY
 Sample : Q1071-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ78

Quant Time: Jan 16 02:09:15 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)

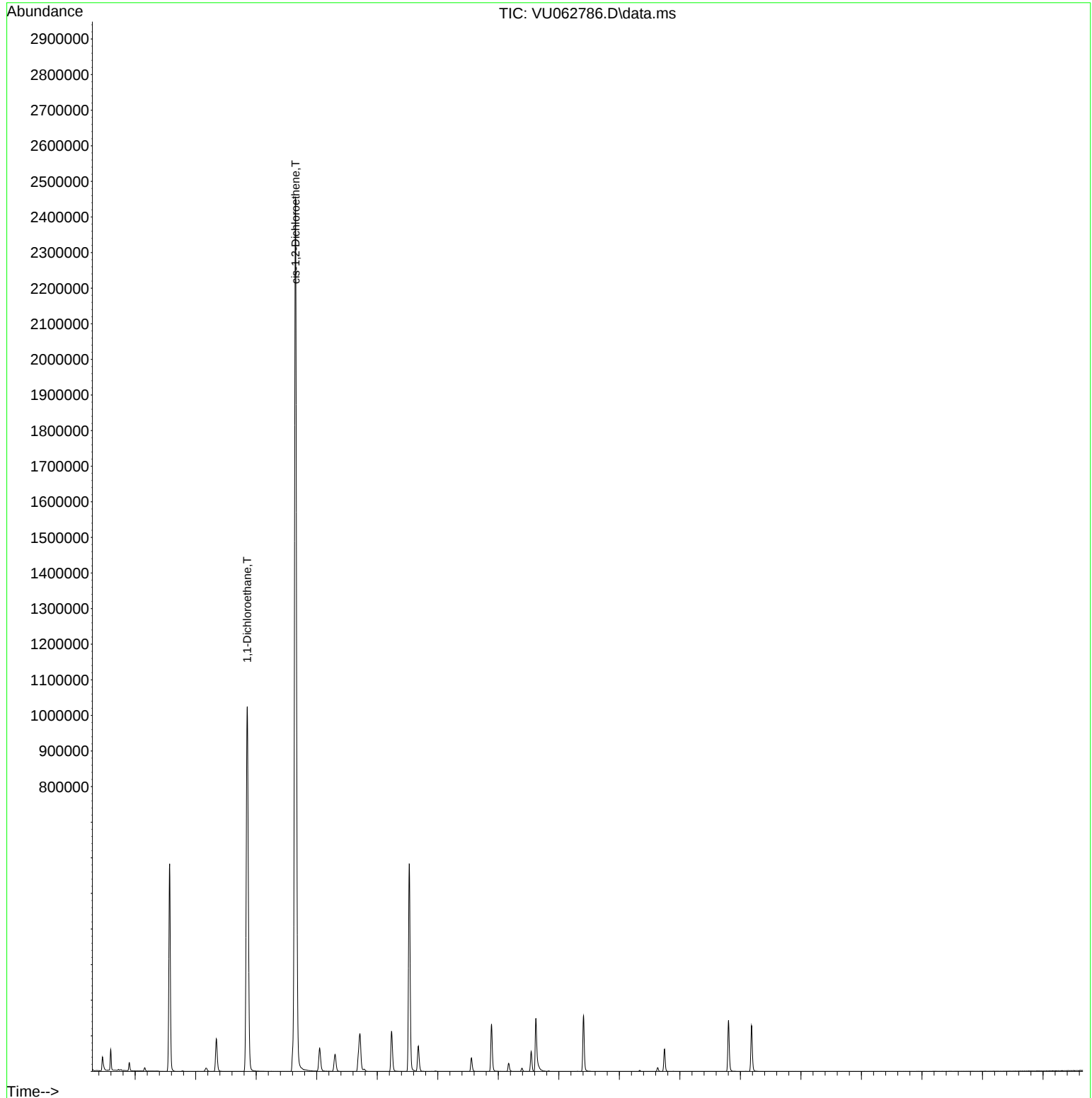
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94248	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16066	3.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.904	69	17003	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.557	65	9259	3.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.605	46	69948	65.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.140%#
24) Chloroform-d	5.049	84	61831	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.689	65	37158	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.714	84	98207	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.679	67	30313	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.888	98	90428	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.171	79	14483	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.621	63	54740	59.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28926	5.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	36684	5.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
5) Vinyl chloride	1.599	62	5292	0.780	ug/L #	42
12) 1,1-Dichloroethene	2.570	96	189557	32.399	ug/L #	77
18) trans-1,2-Dichloroethene	3.341	96	39118	6.241	ug/L	94
19) 1,1-Dichloroethane	3.853	63	1134280	101.210	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	1333321	195.328	ug/L	98
27) 1,2-Dichloroethane	5.788	62	4876	0.541	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	36199	2.736	ug/L	96
34) Trichloroethene	6.528	95	202939	23.709	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	2980	0.621	ug/L	87
47) Tetrachloroethene	8.544	164	12040	2.042	ug/L	91

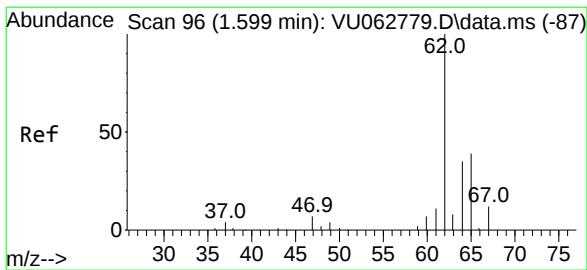
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.780 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062786.D

Acq: 16 Jan 2025 00:00

Instrument :

MSVOA_U

ClientSampleId :

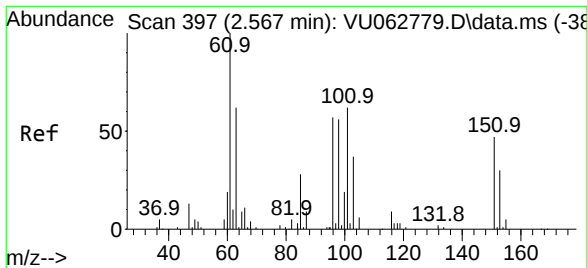
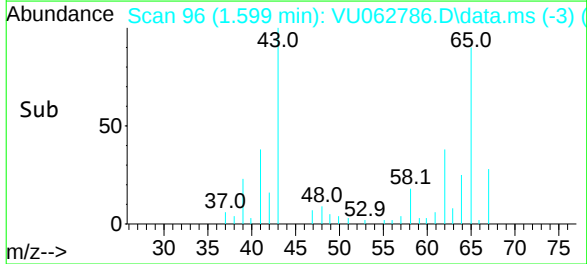
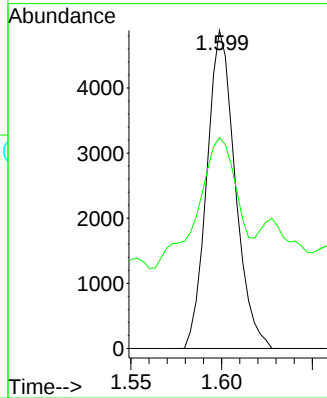
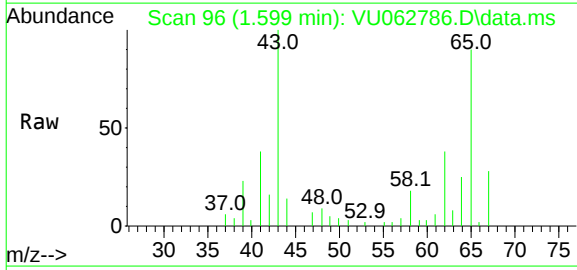
GCQ78

Tgt Ion: 62 Resp: 5292

Ion Ratio Lower Upper

62 100

64 66.3 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 32.399 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU062786.D

Acq: 16 Jan 2025 00:00

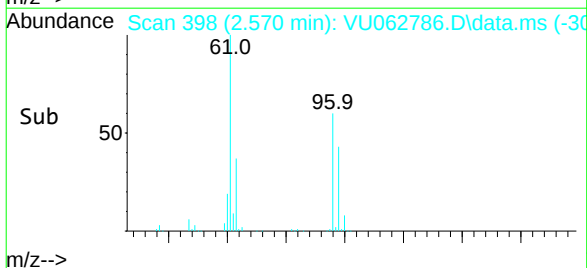
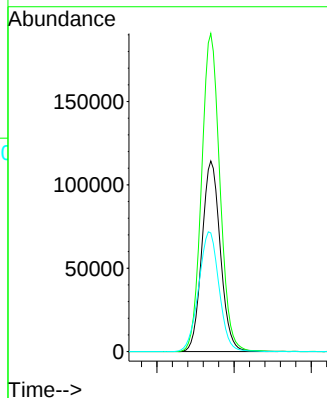
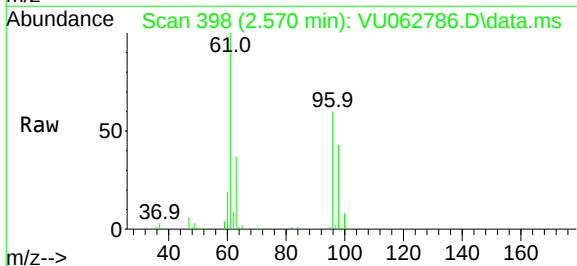
Tgt Ion: 96 Resp: 189557

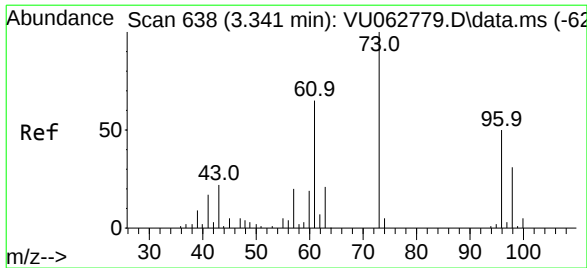
Ion Ratio Lower Upper

96 100

61 166.9 120.4 223.6

63 62.3 82.3 152.9#

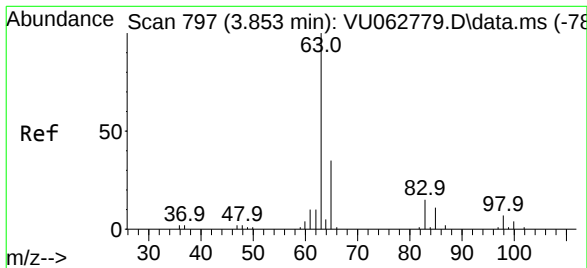
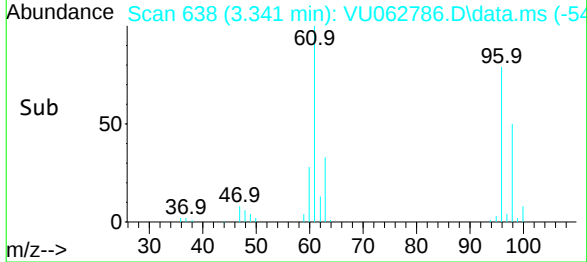
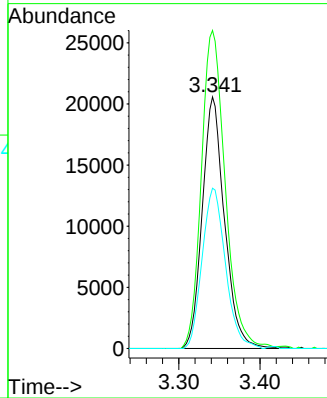
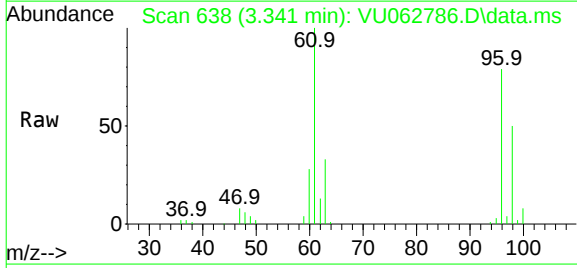




#18
trans-1,2-Dichloroethene
Concen: 6.241 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062786.D
Acq: 16 Jan 2025 00:00

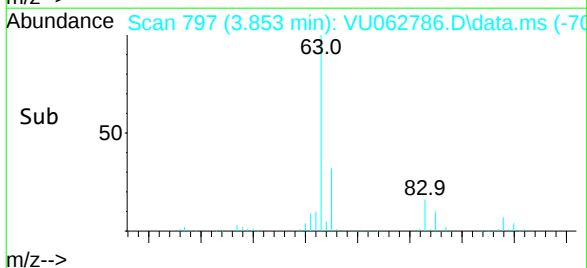
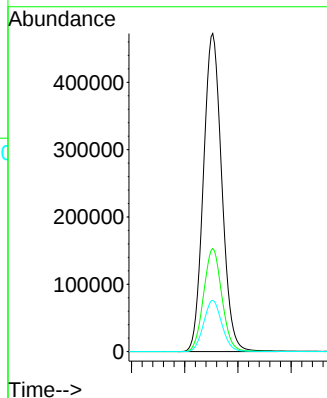
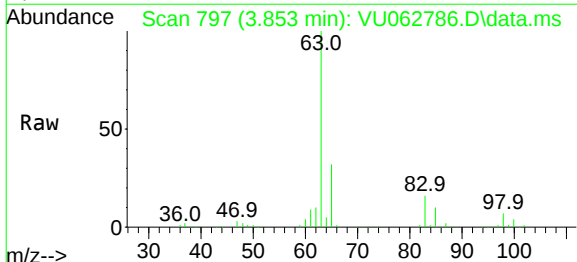
Instrument :
MSVOA_U
ClientSampleId :
GCQ78

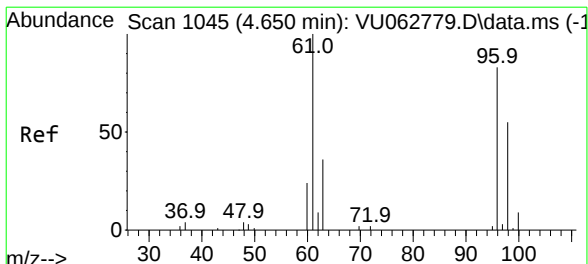
Tgt Ion:	96	Resp:	39118
Ion	Ratio	Lower	Upper
96	100		
61	126.4	94.4	175.2
98	63.7	42.8	79.4



#19
1,1-Dichloroethane
Concen: 101.210 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062786.D
Acq: 16 Jan 2025 00:00

Tgt Ion:	63	Resp:	1134280
Ion	Ratio	Lower	Upper
63	100		
65	32.4	20.7	38.5
83	16.1	10.5	19.5



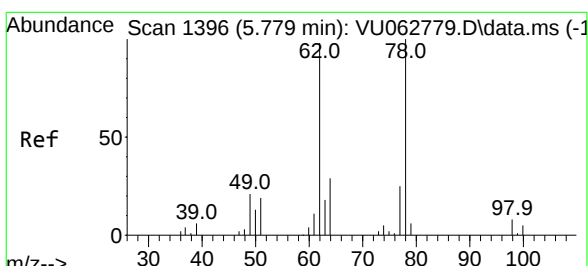
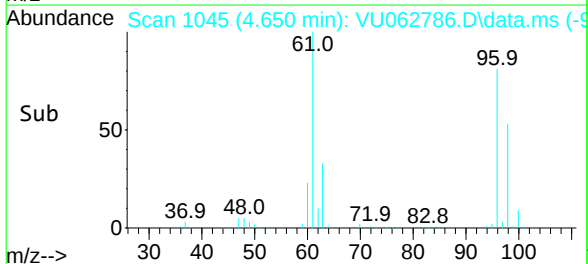
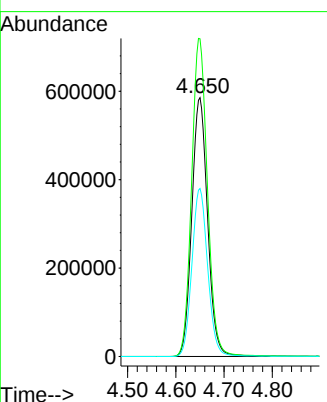
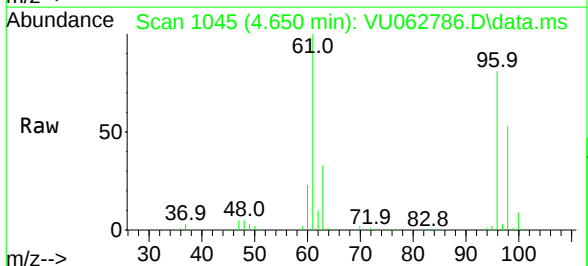


#22
 cis-1,2-Dichloroethene
 Concen: 195.328 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU062786.D
 Acq: 16 Jan 2025 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ78

Tgt Ion: 96 Resp: 1333321

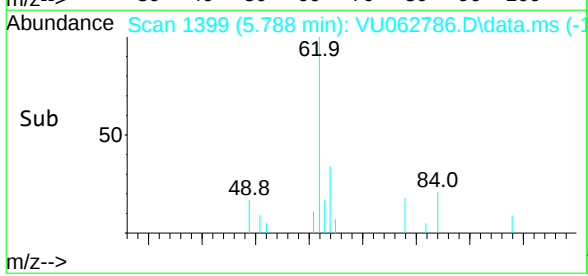
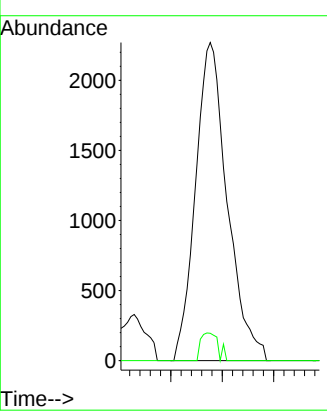
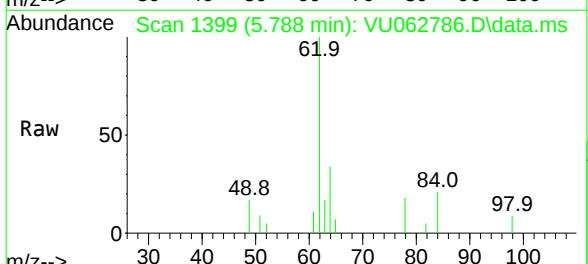
Ion	Ratio	Lower	Upper
96	100		
61	122.7	84.8	157.6
98	64.9	43.1	80.1

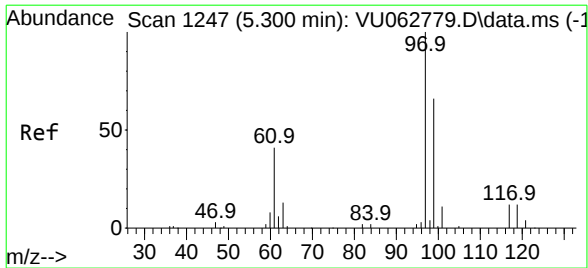


#27
 1,2-Dichloroethane
 Concen: 0.541 ug/L
 RT: 5.788 min Scan# 1399
 Delta R.T. 0.010 min
 Lab File: VU062786.D
 Acq: 16 Jan 2025 00:00

Tgt Ion: 62 Resp: 4876

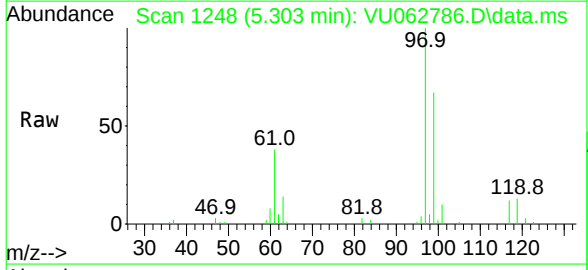
Ion	Ratio	Lower	Upper
62	100		
98	8.6	5.8	8.6



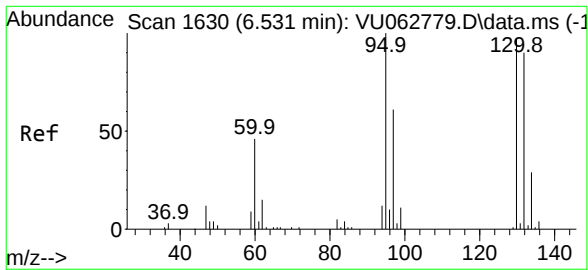
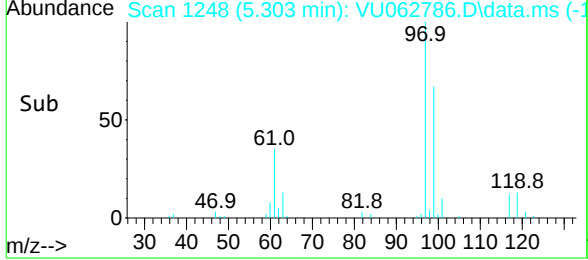
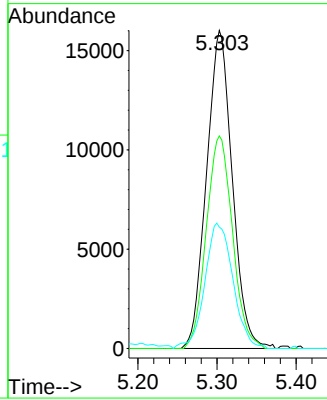


#29
 1,1,1-Trichloroethane
 Concen: 2.736 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. 0.003 min
 Lab File: VU062786.D
 Acq: 16 Jan 2025 00:00

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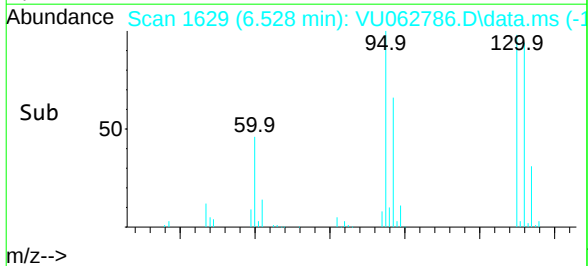
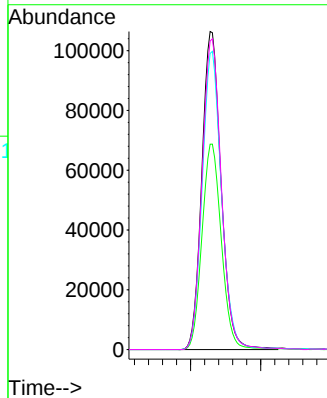
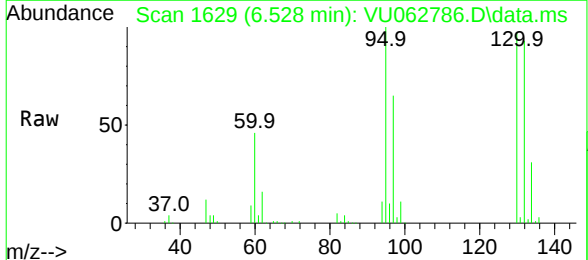


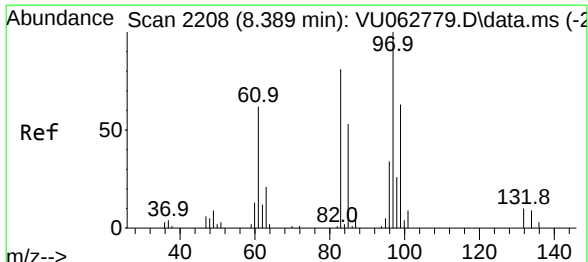
Tgt Ion:	97	Resp:	36199
Ion	Ratio	Lower	Upper
97	100		
99	68.1	52.4	78.6
61	43.0	32.2	48.4



#34
 Trichloroethene
 Concen: 23.709 ug/L
 RT: 6.528 min Scan# 1629
 Delta R.T. -0.003 min
 Lab File: VU062786.D
 Acq: 16 Jan 2025 00:00

Tgt Ion:	95	Resp:	202939
Ion	Ratio	Lower	Upper
95	100		
97	64.6	47.5	88.3
132	93.1	66.9	124.3
130	97.0	68.6	127.4

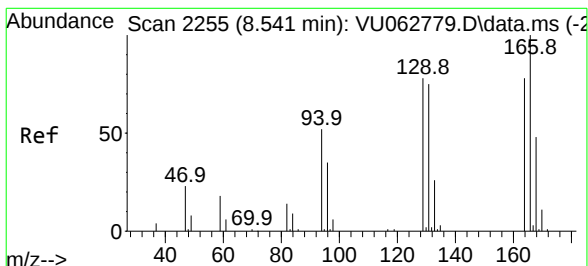
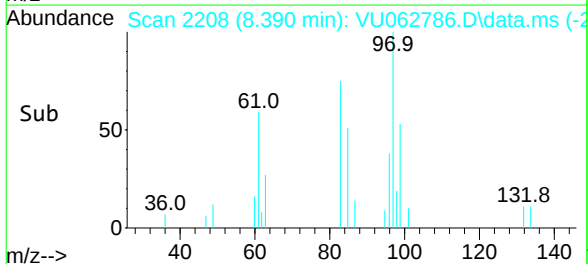
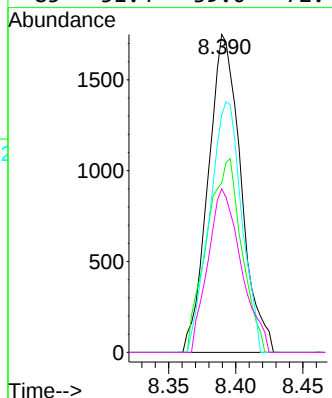
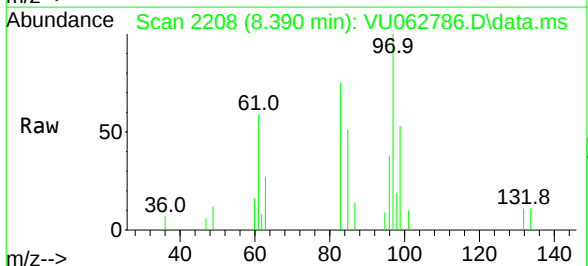




#45
 1,1,2-Trichloroethane
 Concen: 0.621 ug/L
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU062786.D
 Acq: 16 Jan 2025 00:00

Instrument :
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Tgt Ion:	97	Resp:	2980
Ion	Ratio	Lower	Upper
97	100		
99	53.3	45.6	84.6
83	74.6	63.0	117.0
85	51.4	39.0	72.4



#47
 Tetrachloroethene
 Concen: 2.042 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.003 min
 Lab File: VU062786.D
 Acq: 16 Jan 2025 00:00

Tgt Ion:	164	Resp:	12040
Ion	Ratio	Lower	Upper
164	100		
129	94.1	71.0	131.9
131	92.8	69.4	129.0
166	119.5	92.7	172.3

