

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062706.D
 Acq On : 13 Jan 2025 10:39
 Operator : MD/SY
 Sample : Q1059-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 19:00:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

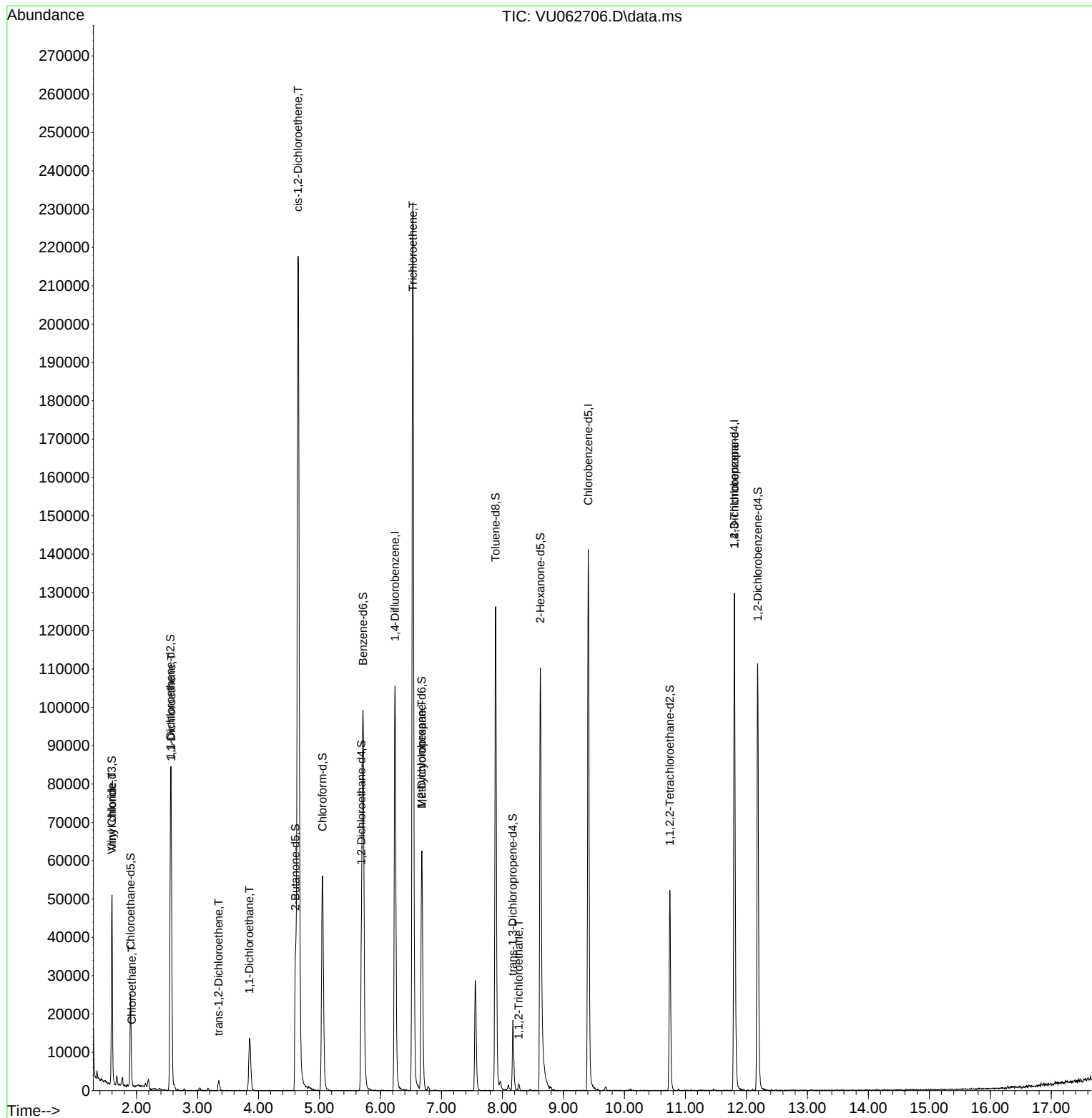
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19140	3.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	17452	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.557	65	11239	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.605	46	47529	48.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.020%
24) Chloroform-d	5.049	84	55297	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	33240	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.714	84	94736	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.676	67	27413	4.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.888	98	86618	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.171	79	11902	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.621	63	39926	46.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24509	5.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	32122	5.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	16007	2.542	ug/L	99
8) Chloroethane	1.920	64	1038	0.274	ug/L #	44
12) 1,1-Dichloroethene	2.570	96	16175	2.979	ug/L #	86
18) trans-1,2-Dichloroethene	3.348	96	825	0.142	ug/L #	66
19) 1,1-Dichloroethane	3.853	63	16485	1.585	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	119020	18.788	ug/L	94
34) Trichloroethene	6.531	95	81541	10.238	ug/L	97
35) Methylcyclohexane	6.676	83	8104	0.827	ug/L #	20
45) 1,1,2-Trichloroethane	8.267	97	1708	0.382	ug/L #	14
61) 1,2,3-Trichloropropane	11.804	75	3406	1.025	ug/L #	59

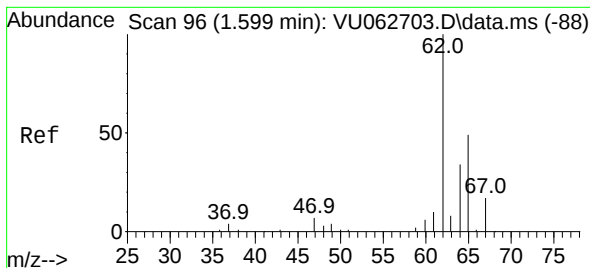
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 13 18:58:58 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.542 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

Instrument :

MSVOA_U

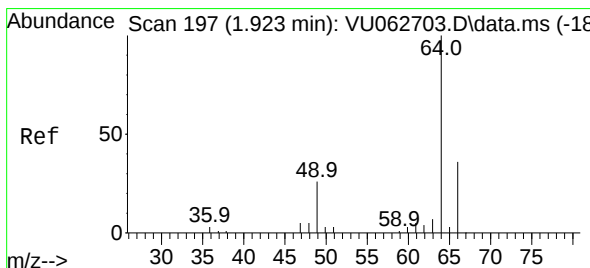
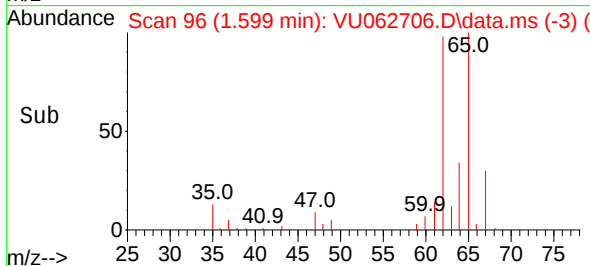
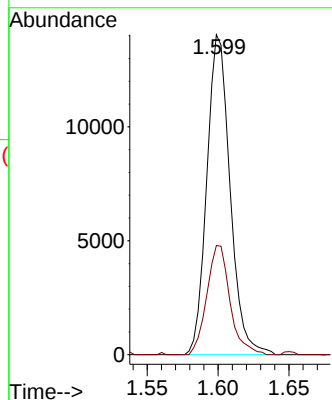
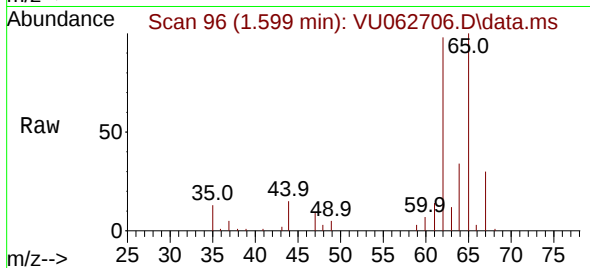
ClientSampleId :

Tgt Ion: 62 Resp: 16007

Ion Ratio Lower Upper

62 100

64 34.1 23.4 43.4



#8

Chloroethane

Concen: 0.274 ug/L

RT: 1.920 min Scan# 196

Delta R.T. -0.003 min

Lab File: VU062706.D

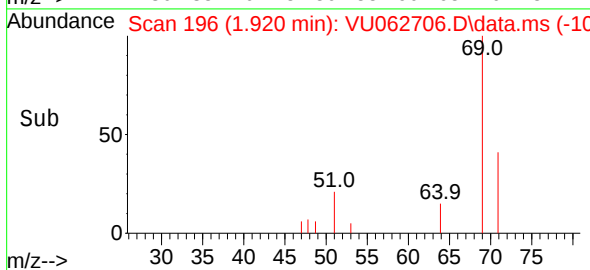
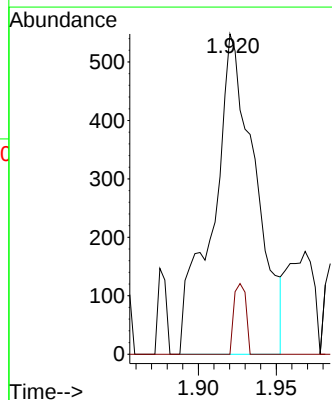
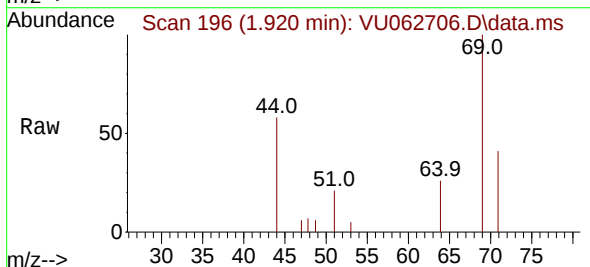
Acq: 13 Jan 2025 10:39

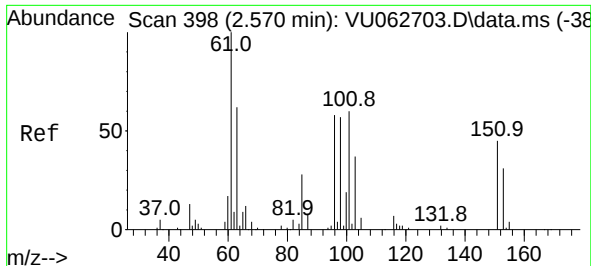
Tgt Ion: 64 Resp: 1038

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 2.979 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

Instrument :

MSVOA_U

ClientSampleId :

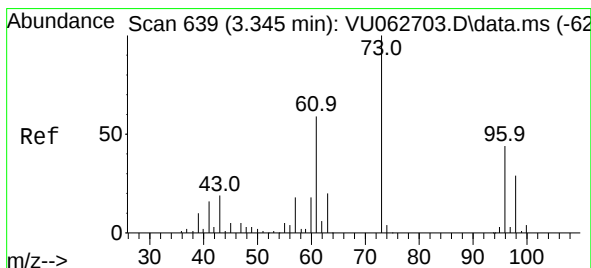
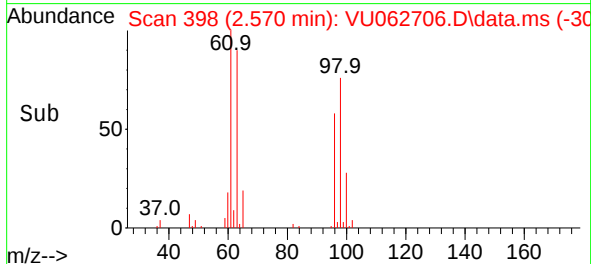
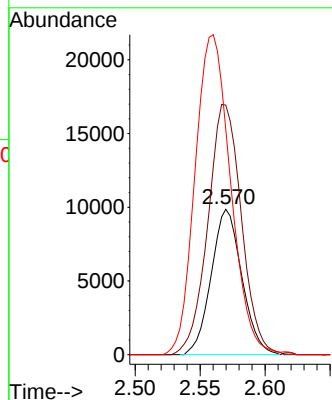
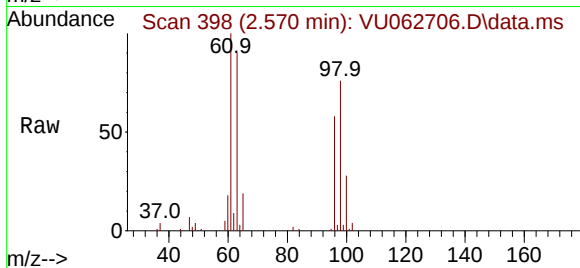
Tgt Ion: 96 Resp: 16175

Ion Ratio Lower Upper

96 100

61 171.7 120.4 223.6

63 154.9 82.3 152.9#



#18

trans-1,2-Dichloroethene

Concen: 0.142 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

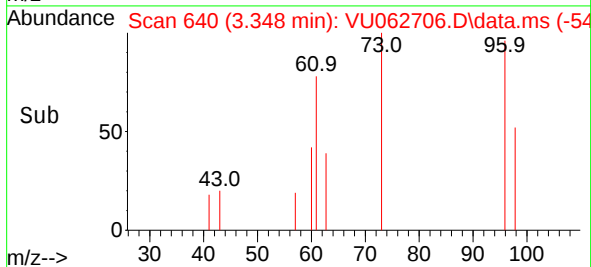
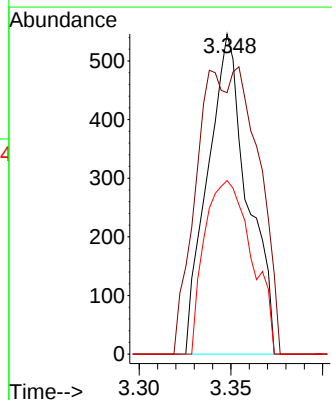
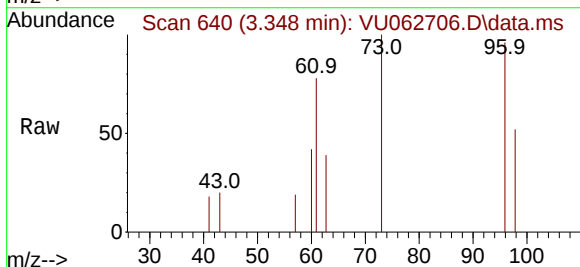
Tgt Ion: 96 Resp: 825

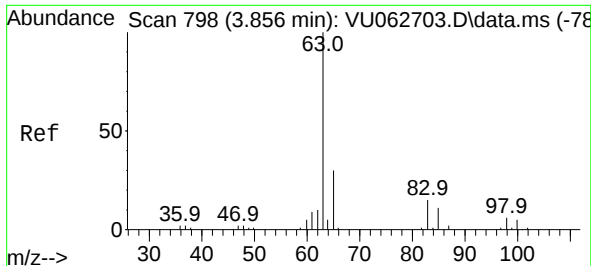
Ion Ratio Lower Upper

96 100

61 81.7 94.4 175.2#

98 54.2 42.8 79.4





#19

1,1-Dichloroethane

Concen: 1.585 ug/L

RT: 3.853 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU062706.D

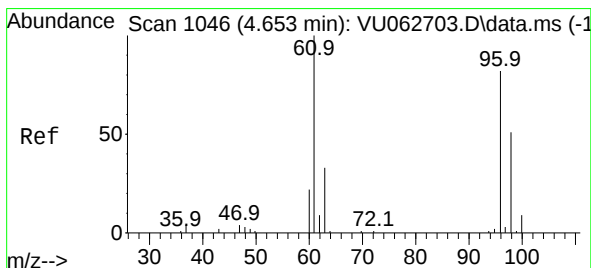
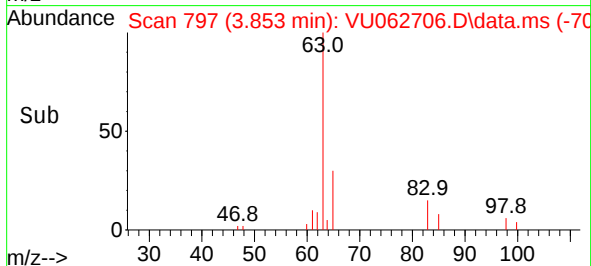
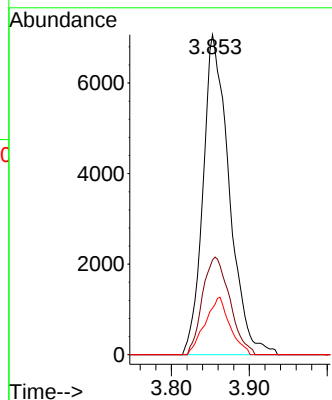
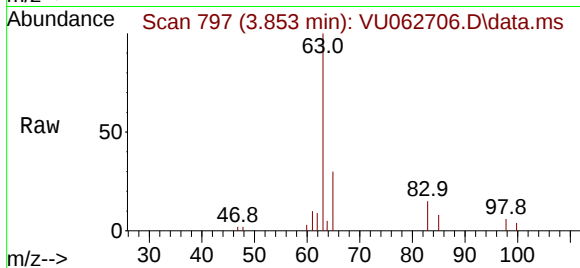
Acq: 13 Jan 2025 10:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 16485
Ion Ratio	Lower Upper
63	100
65	28.2 20.7 38.5
83	13.8 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 18.788 ug/L

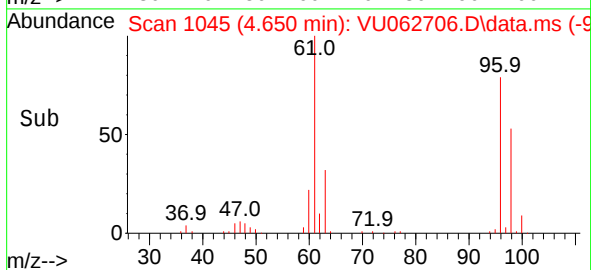
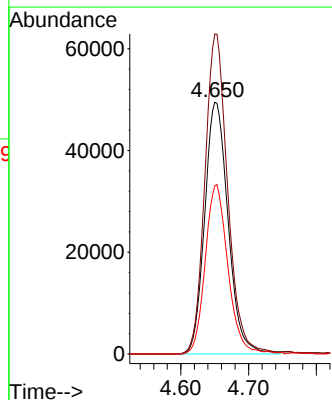
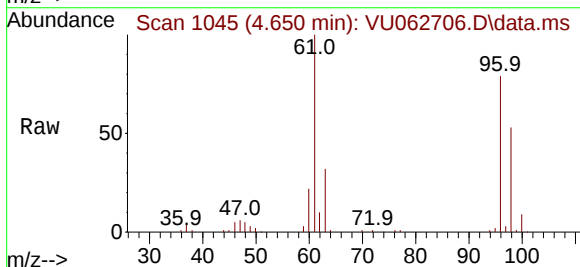
RT: 4.650 min Scan# 1045

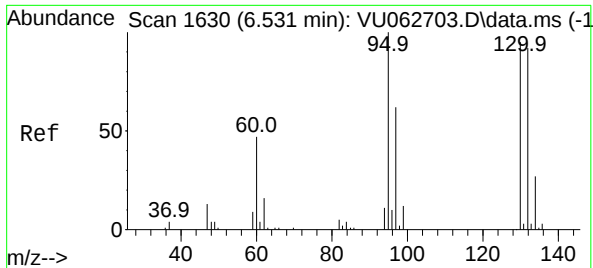
Delta R.T. -0.003 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

Tgt Ion: 96	Resp: 119020
Ion Ratio	Lower Upper
96	100
61	127.1 84.8 157.6
98	66.8 43.1 80.1





#34

Trichloroethene

Concen: 10.238 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 81541

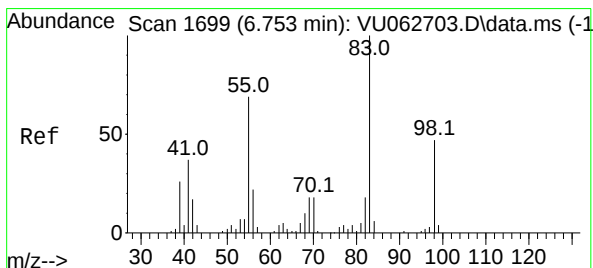
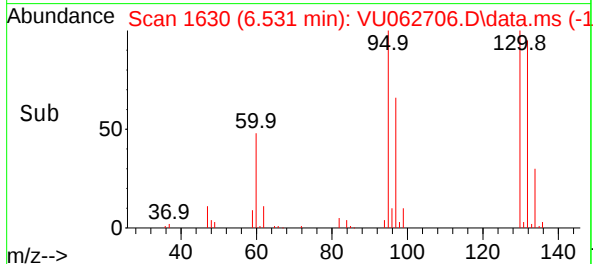
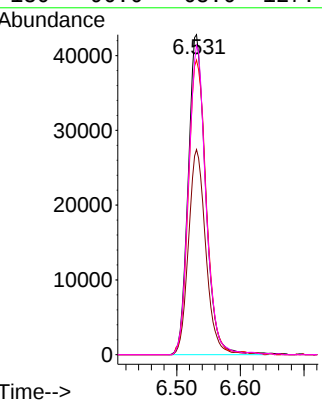
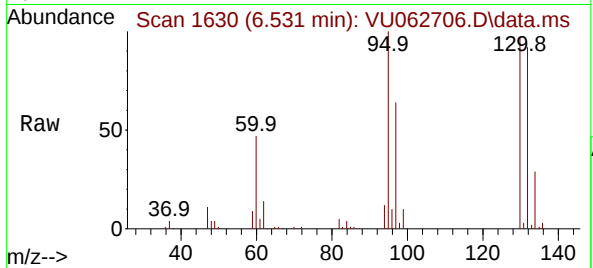
Ion Ratio Lower Upper

95 100

97 64.1 47.5 88.3

132 92.1 66.9 124.3

130 96.6 68.6 127.4



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.077 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

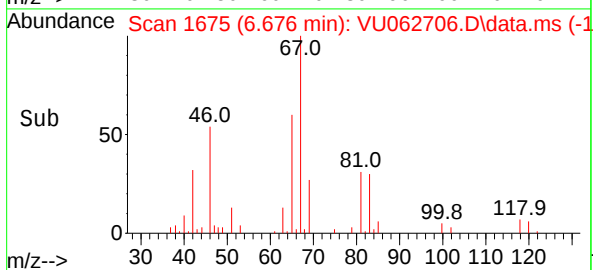
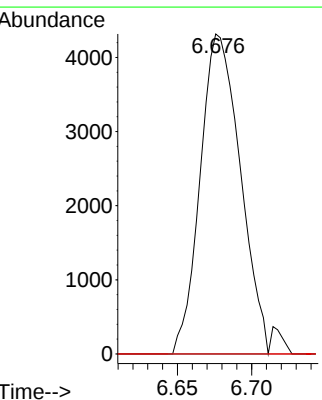
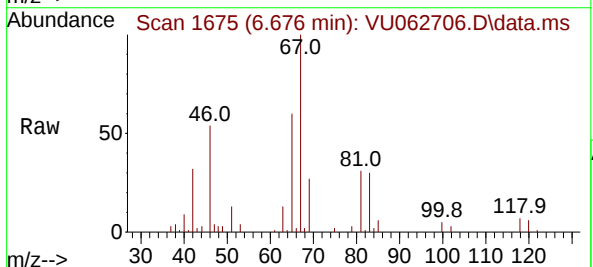
Tgt Ion: 83 Resp: 8104

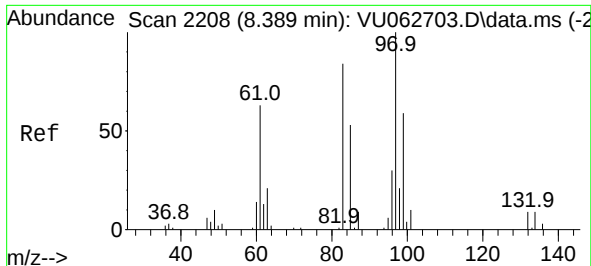
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.0 36.6 55.0#





#45

1,1,2-Trichloroethane

Concen: 0.382 ug/L

RT: 8.267 min Scan# 2170

Delta R.T. -0.122 min

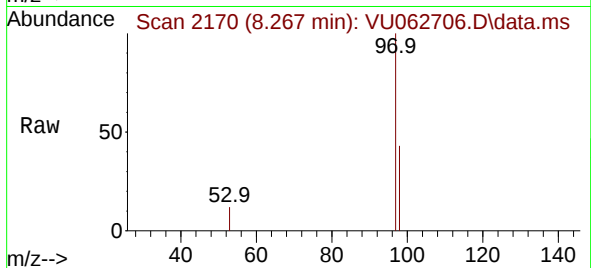
Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1708

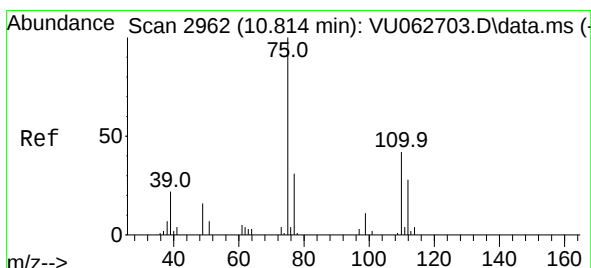
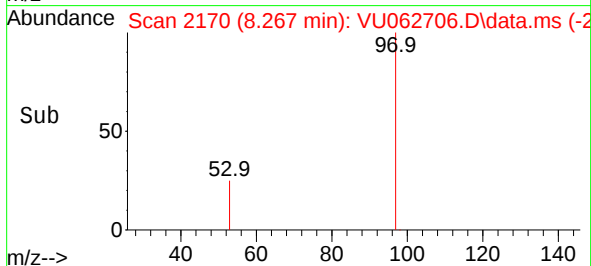
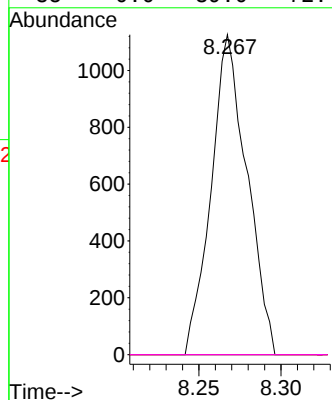
Ion Ratio Lower Upper

97 100

99 0.0 45.6 84.6#

83 0.0 63.0 117.0#

85 0.0 39.0 72.4#



#61

1,2,3-Trichloropropane

Concen: 1.025 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062706.D

Acq: 13 Jan 2025 10:39

Tgt Ion: 75 Resp: 3406

Ion Ratio Lower Upper

75 100

110 0.6 33.2 49.8#

77 38.3 25.9 38.9

