

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062676.D
 Acq On : 10 Jan 2025 11:45
 Operator : MD/SY
 Sample : Q1058-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 22:43:18 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

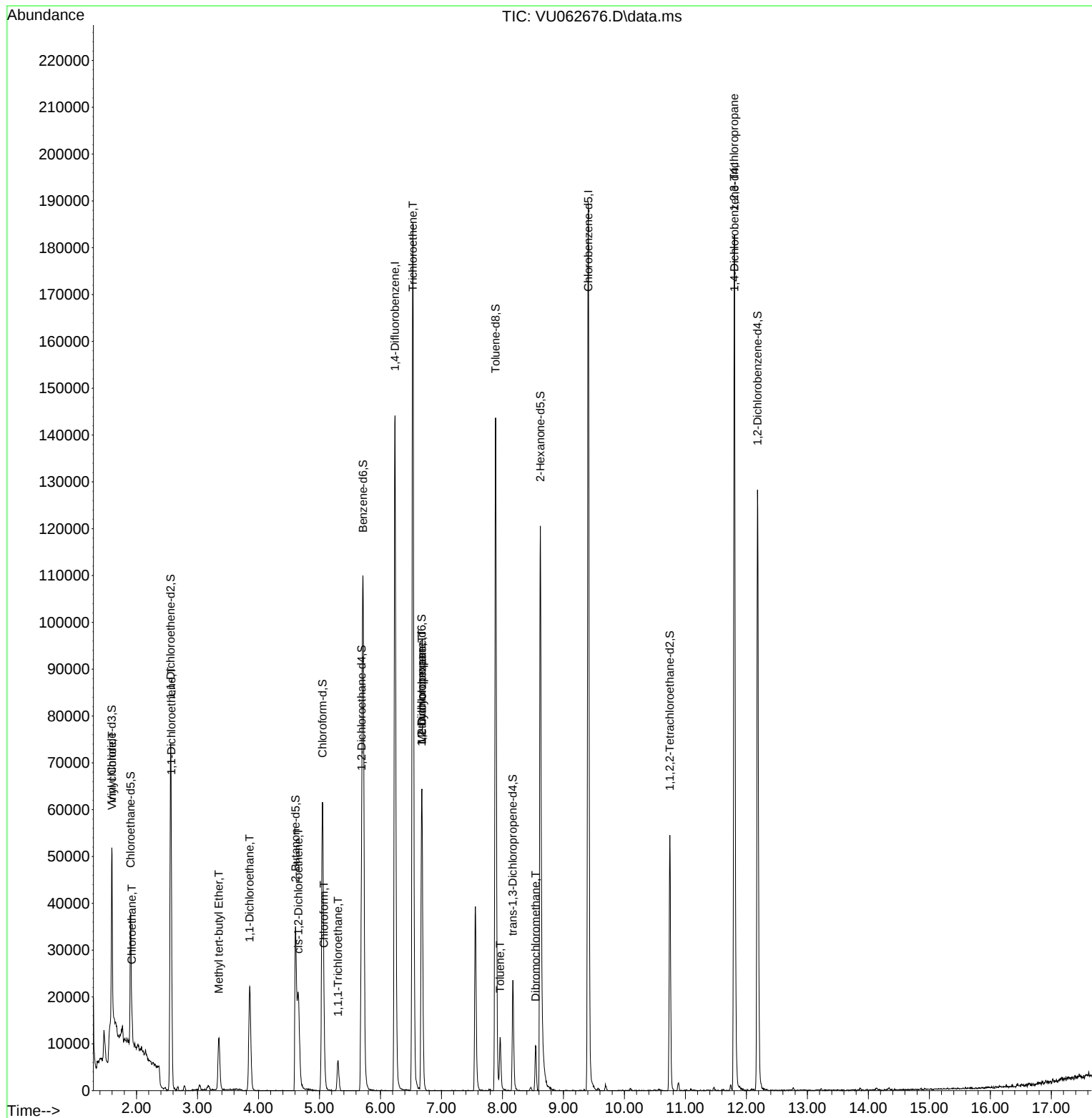
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	119335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	107329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22282	3.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.904	69	19628	3.692	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.560	65	11984	3.500	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.000%	
20) 2-Butanone-d5	4.608	46	49909	36.948	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.900%	
24) Chloroform-d	5.049	84	60401	3.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
26) 1,2-Dichloroethane-d4	5.692	65	34883	3.955	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
32) Benzene-d6	5.714	84	103217	3.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
36) 1,2-Dichloropropane-d6	6.676	67	28766	3.955	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.000%	
41) Toluene-d8	7.888	98	99056	3.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.171	79	14608	4.029	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.621	63	41619	36.495	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.980%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25034	4.109	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	12.183	152	37006	4.277	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3917	0.456	ug/L #	1
8) Chloroethane	1.923	64	4626	0.896	ug/L #	72
12) 1,1-Dichloroethene	2.570	96	8229	1.111	ug/L #	24
17) Methyl tert-butyl Ether	3.351	73	12414	0.610	ug/L	100
19) 1,1-Dichloroethane	3.856	63	25605	1.804	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	9522	1.102	ug/L	97
25) Chloroform	5.074	83	3923	0.225	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	5042	0.310	ug/L #	85
34) Trichloroethene	6.531	95	65567	6.224	ug/L	96
35) Methylcyclohexane	6.679	83	7924	0.611	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3940	0.542	ug/L #	85
42) Toluene	7.962	91	8541	0.253	ug/L	100
49) Dibromochloromethane	8.544	129	2208	0.278	ug/L #	12
61) 1,2,3-Trichloropropane	11.801	75	5209	1.129	ug/L #	60

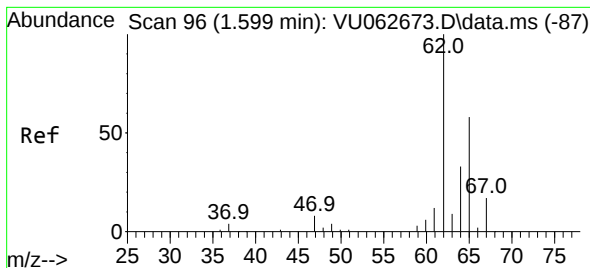
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.456 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.000 min

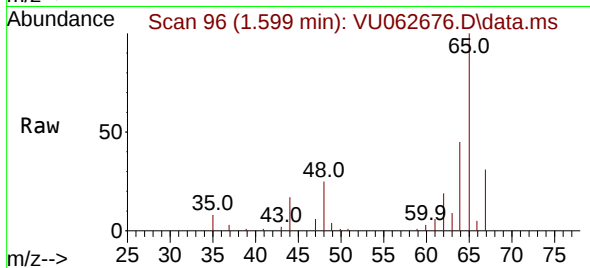
Lab File: VU062676.D

Acq: 10 Jan 2025 11:45

Instrument :

MSVOA_U

ClientSampleId :

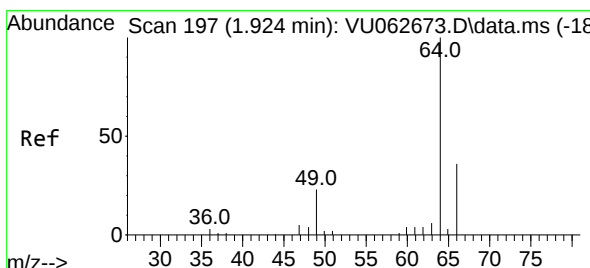
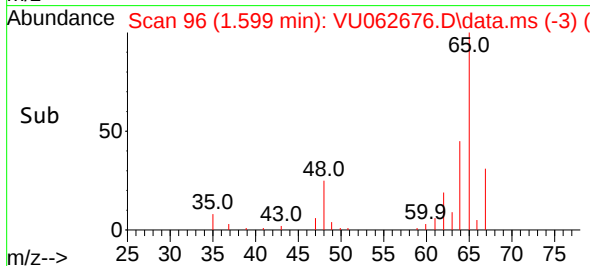
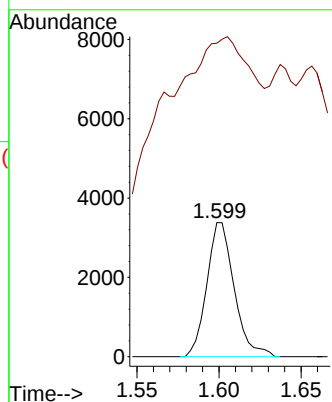


Tgt Ion: 62 Resp: 3917

Ion Ratio Lower Upper

62 100

64 233.8 23.4 43.4#



#8

Chloroethane

Concen: 0.896 ug/L

RT: 1.923 min Scan# 197

Delta R.T. -0.000 min

Lab File: VU062676.D

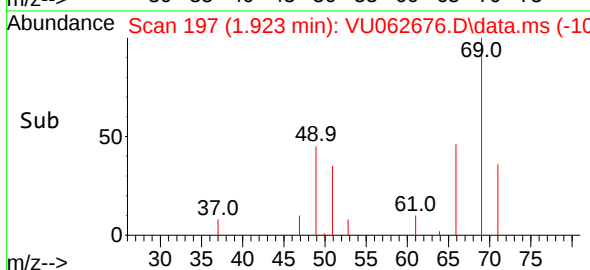
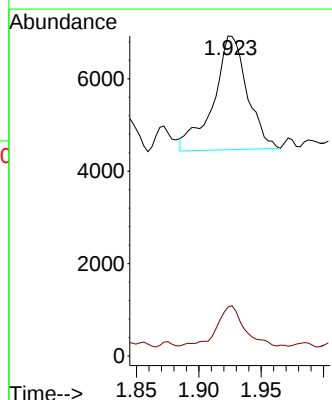
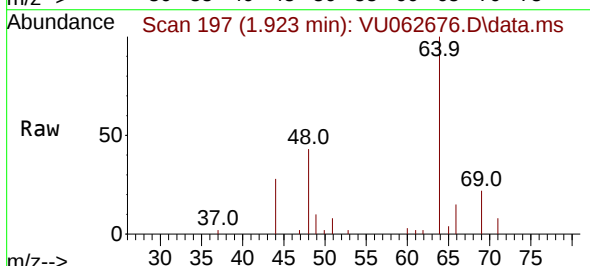
Acq: 10 Jan 2025 11:45

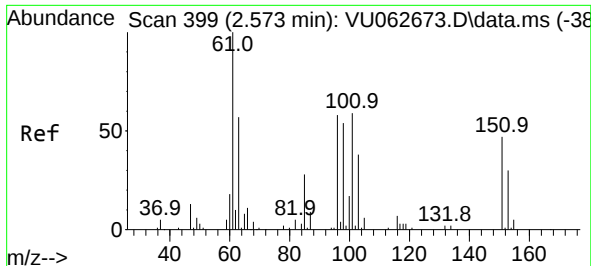
Tgt Ion: 64 Resp: 4626

Ion Ratio Lower Upper

64 100

66 15.3 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 1.111 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU062676.D

Acq: 10 Jan 2025 11:45

Instrument :

MSVOA_U

ClientSampleId :

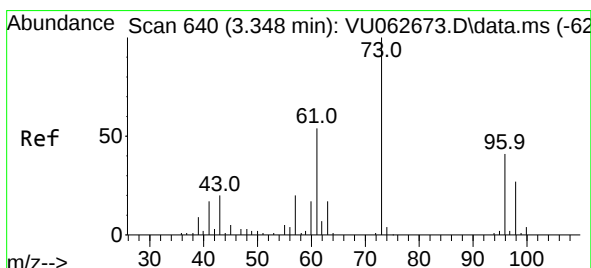
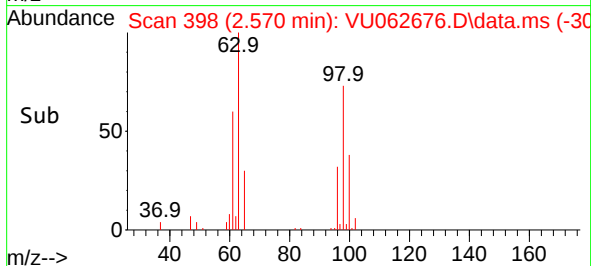
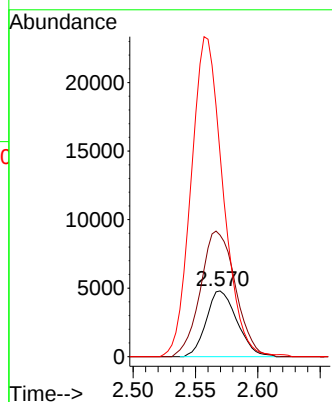
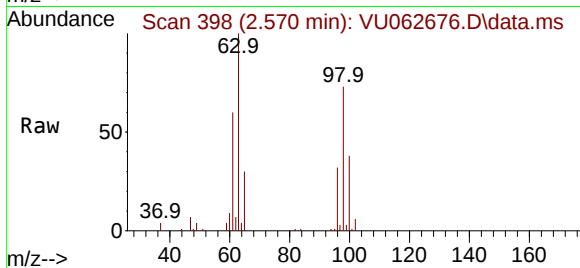
Tgt Ion: 96 Resp: 8229

Ion Ratio Lower Upper

96 100

61 185.0 120.4 223.6

63 308.7 82.3 152.9#



#17

Methyl tert-butyl Ether

Concen: 0.610 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU062676.D

Acq: 10 Jan 2025 11:45

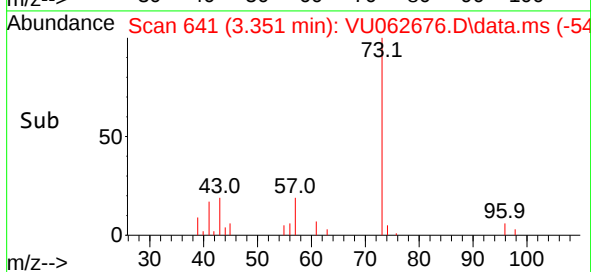
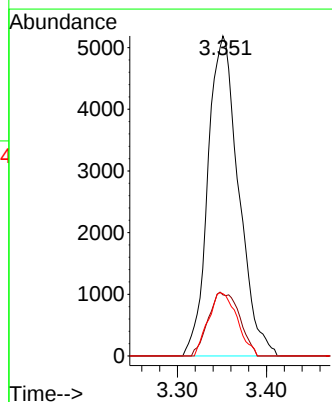
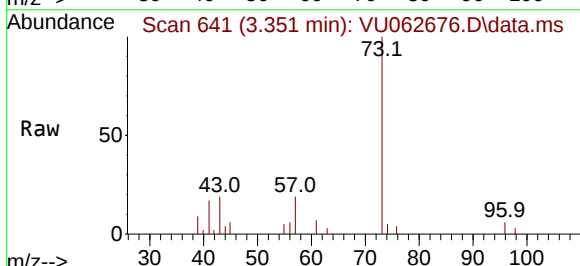
Tgt Ion: 73 Resp: 12414

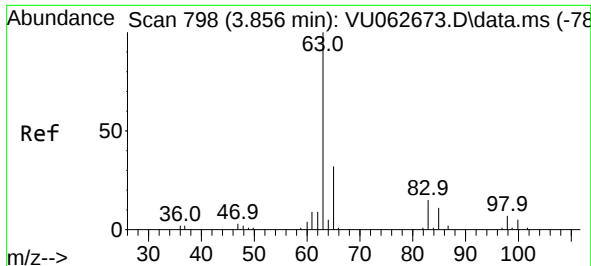
Ion Ratio Lower Upper

73 100

43 20.2 16.2 24.4

57 18.5 14.6 22.0





#19

1,1-Dichloroethane

Concen: 1.804 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU062676.D

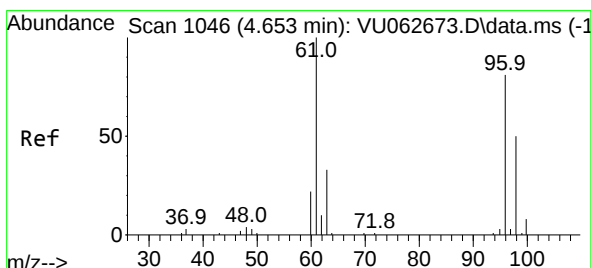
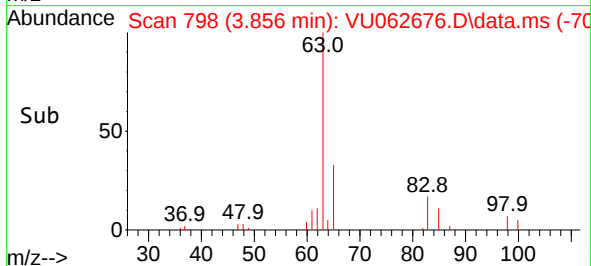
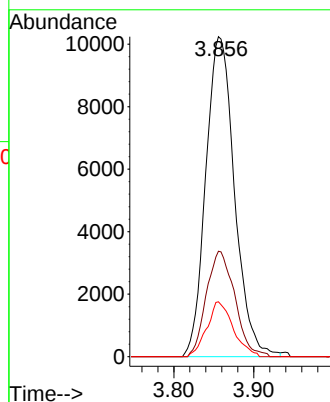
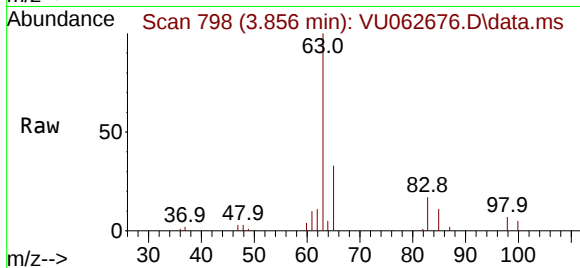
Acq: 10 Jan 2025 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	25605
Ion	Ratio	Lower	Upper
63	100		
65	33.0	20.7	38.5
83	17.2	10.5	19.5



#22

cis-1,2-Dichloroethene

Concen: 1.102 ug/L

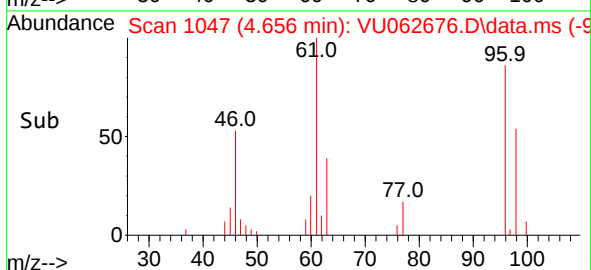
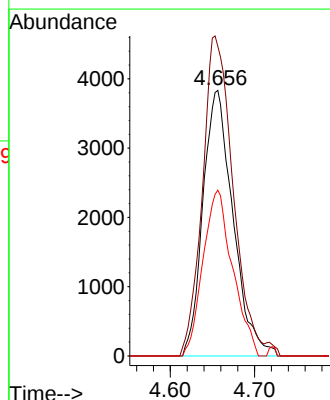
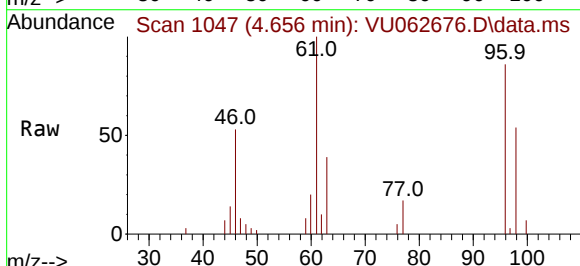
RT: 4.656 min Scan# 1047

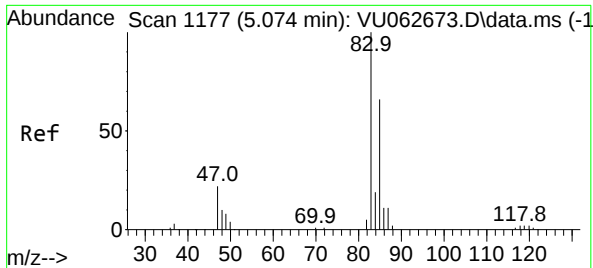
Delta R.T. 0.003 min

Lab File: VU062676.D

Acq: 10 Jan 2025 11:45

Tgt Ion:	96	Resp:	9522
Ion	Ratio	Lower	Upper
96	100		
61	116.6	84.8	157.6
98	62.4	43.1	80.1

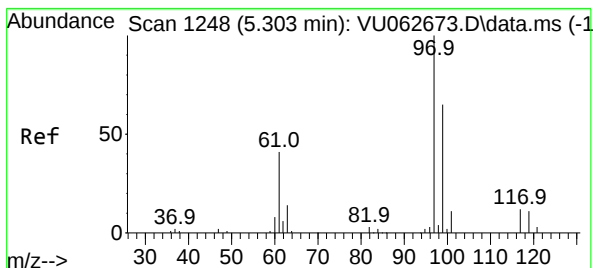
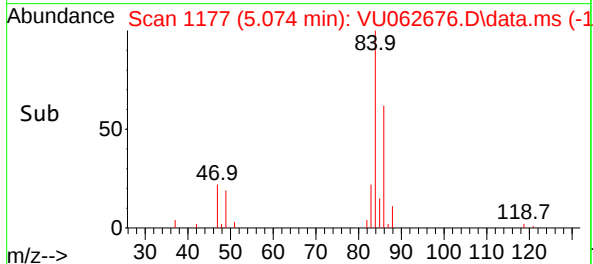
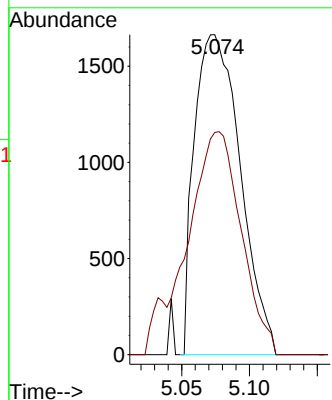
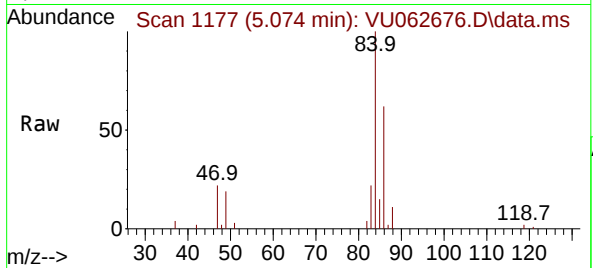




#25
Chloroform
Concen: 0.225 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

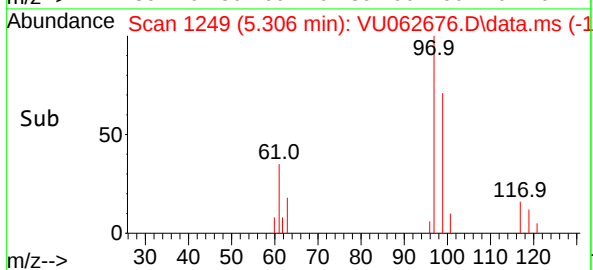
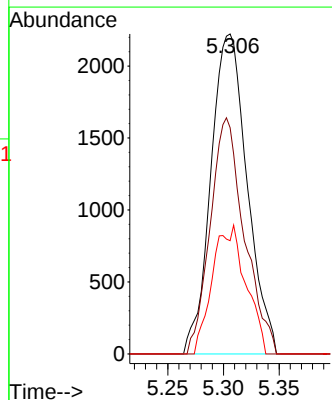
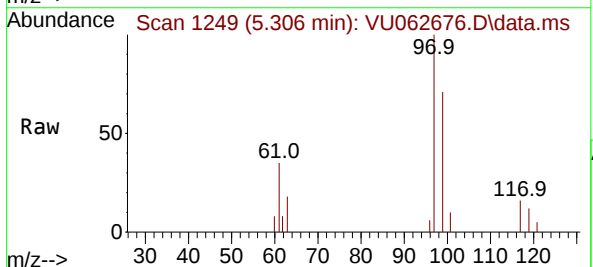
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MSVOA_U
ClientSampleId :

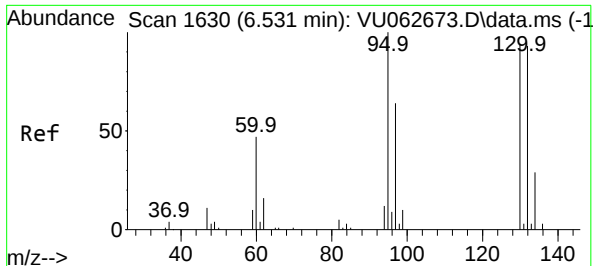
Tgt Ion: 83 Resp: 3923
Ion Ratio Lower Upper
83 100
85 69.5 45.8 85.2



#29
1,1,1-Trichloroethane
Concen: 0.310 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

Tgt Ion: 97 Resp: 5042
Ion Ratio Lower Upper
97 100
99 69.3 52.4 78.6
61 20.7 32.2 48.4#

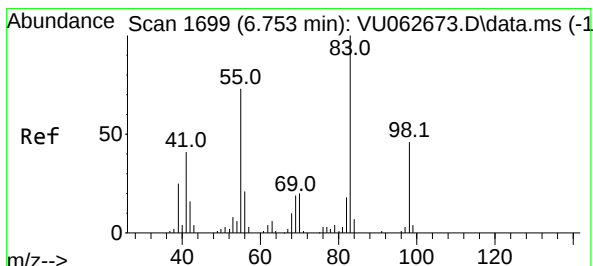
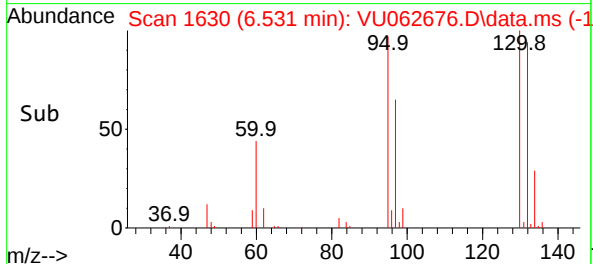
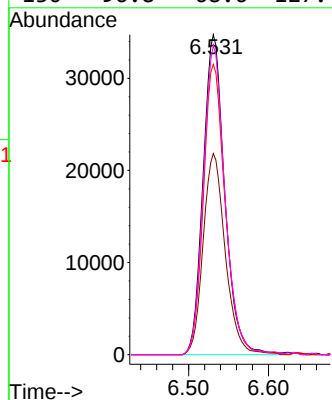
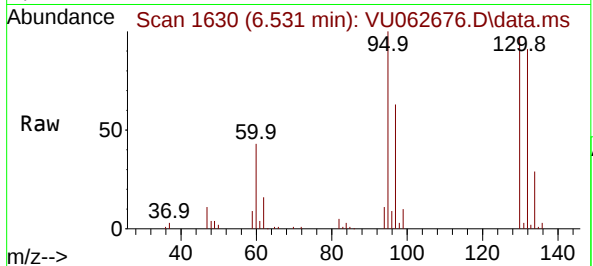




#34
Trichloroethene
Concen: 6.224 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

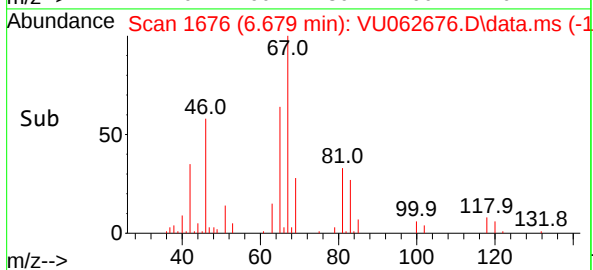
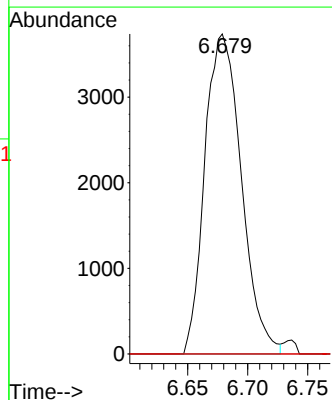
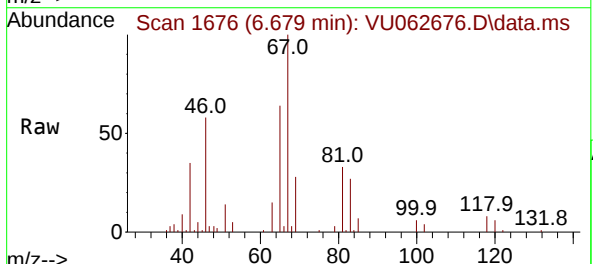
Instrument :
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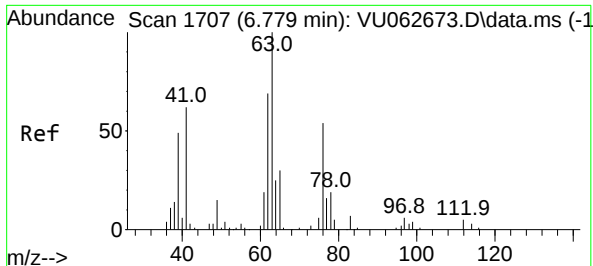
Tgt Ion: 95 Resp: 65567
Ion Ratio Lower Upper
95 100
97 62.9 47.5 88.3
132 90.7 66.9 124.3
130 96.8 68.6 127.4



#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

Tgt Ion: 83 Resp: 7924
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#

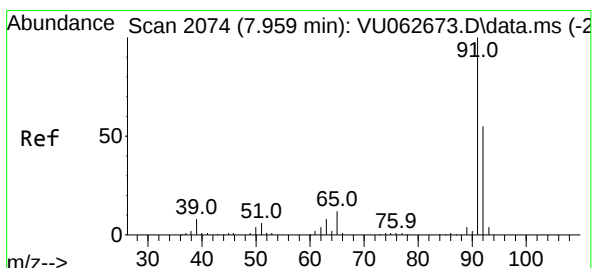
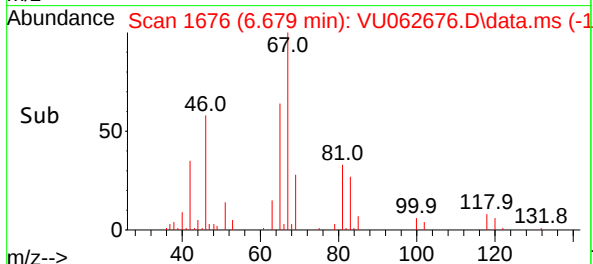
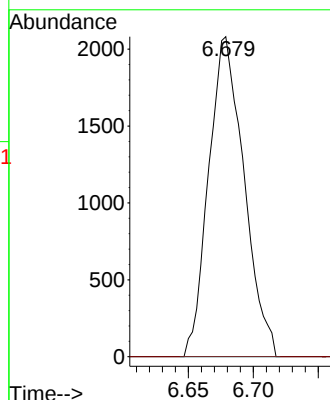
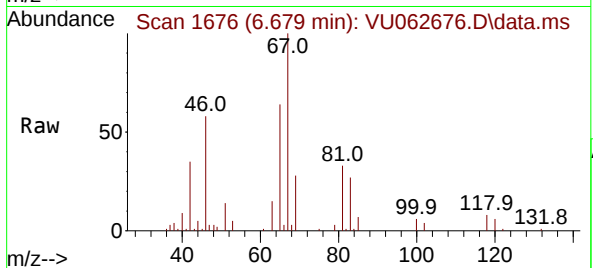




#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

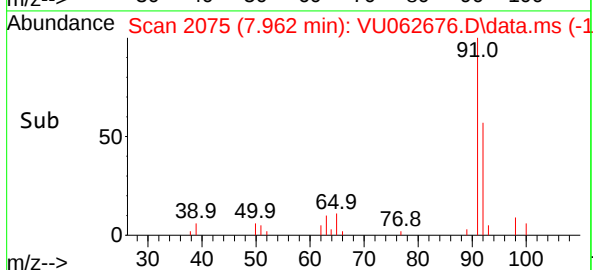
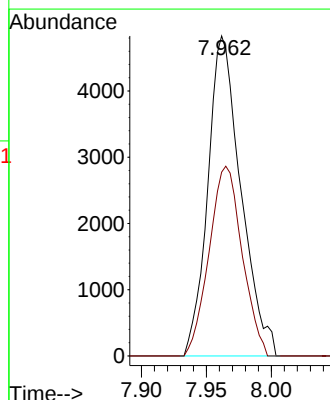
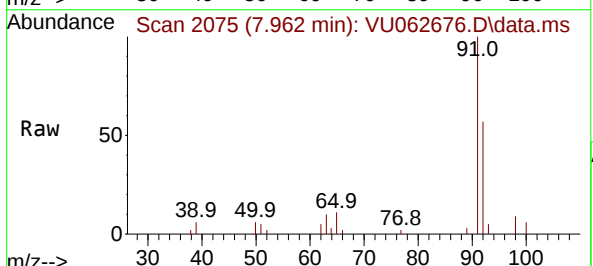
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MSVOA_U
ClientSampleId :

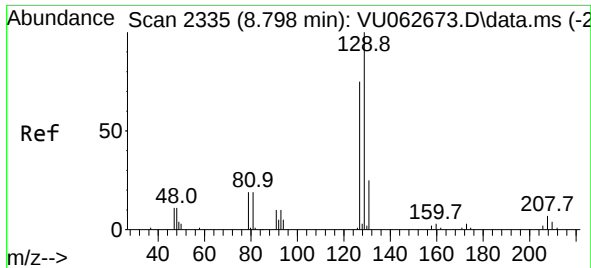
Tgt Ion: 63 Resp: 3940
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.253 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

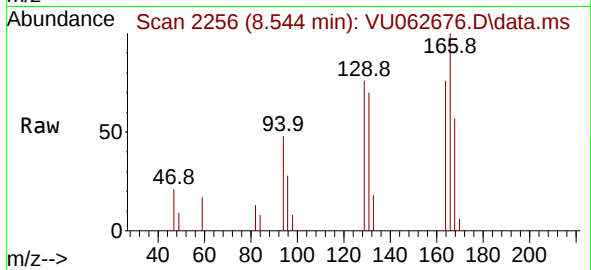
Tgt Ion: 91 Resp: 8541
Ion Ratio Lower Upper
91 100
92 57.5 40.4 75.0



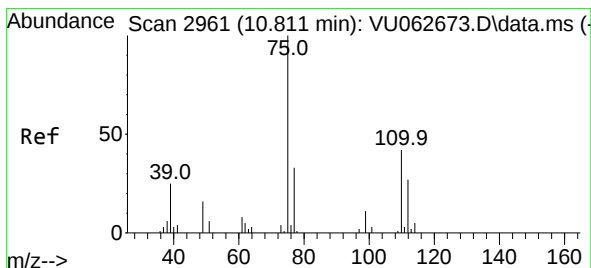
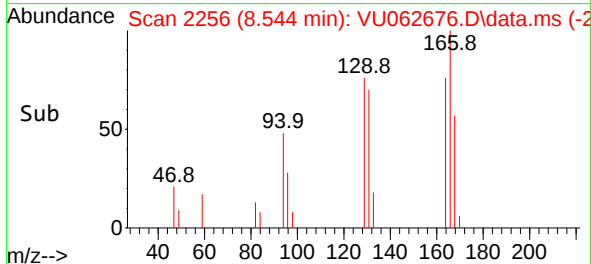
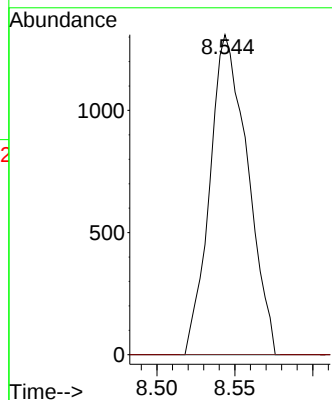


#49
Dibromochloromethane
Concen: 0.278 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 2208
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#



#61
1,2,3-Trichloropropane
Concen: 1.129 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU062676.D
Acq: 10 Jan 2025 11:45

Tgt Ion: 75 Resp: 5209
Ion Ratio Lower Upper
75 100
110 0.4 33.2 49.8#
77 37.1 25.9 38.9

