

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062890.D
 Acq On : 17 Jan 2025 23:11
 Operator : MD/SY
 Sample : Q1086-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 23:43:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

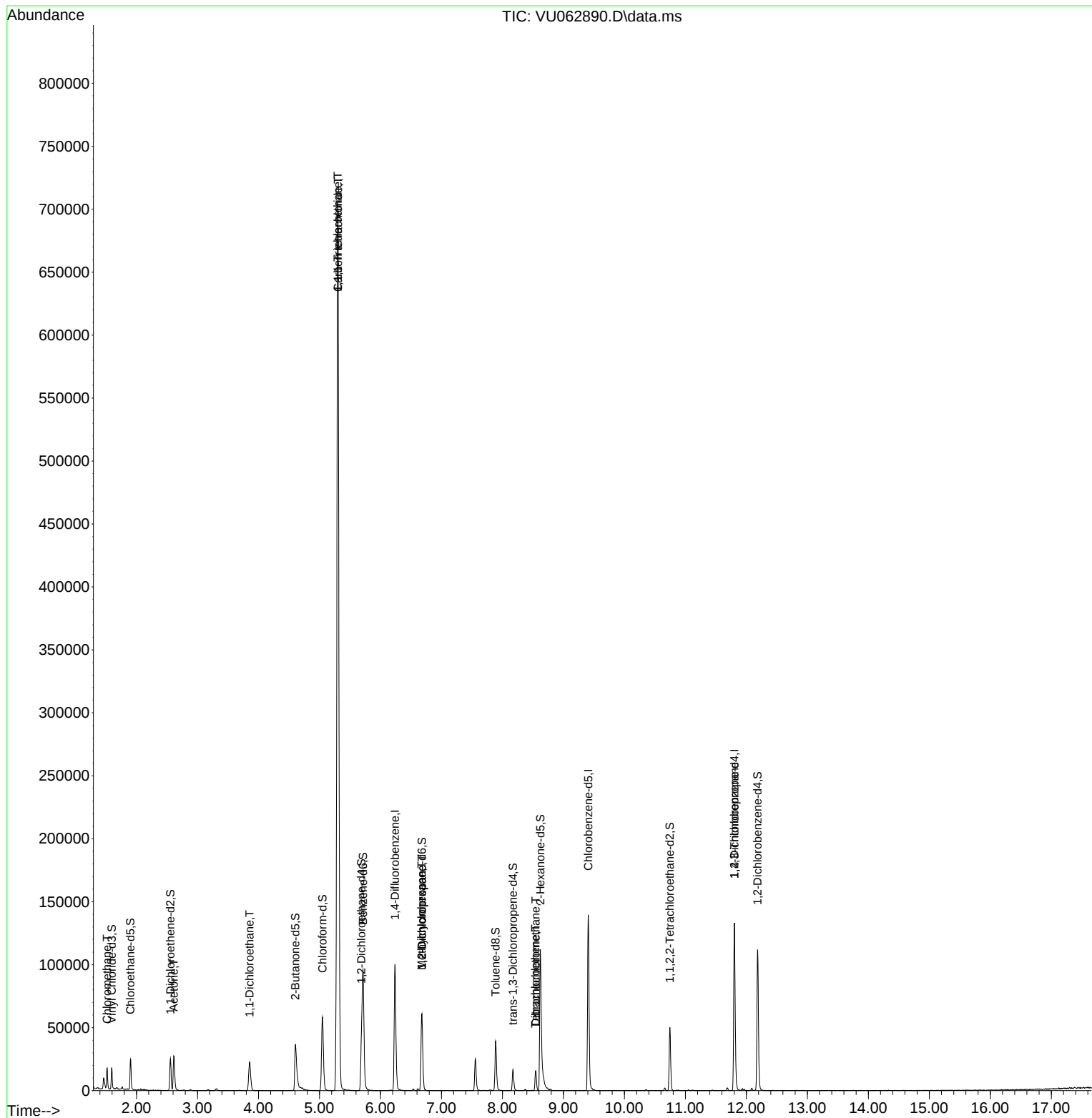
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	82550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11562	2.529	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.600%
7) Chloroethane-d5	1.901	69	17510	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.557	65	4778	2.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.400%#
20) 2-Butanone-d5	4.605	46	52998	56.718	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.440%
24) Chloroform-d	5.049	84	57065	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.689	65	33668	5.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.714	84	89690	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.679	67	26395	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.888	98	28054	1.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	29.400%#
43) trans-1,3-Dichloroprop...	8.174	79	10530	3.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.621	63	40903	48.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23265	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	33033	5.154	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	11125	2.108	ug/L	98
13) Acetone	2.612	43	30412	41.085	ug/L	98
19) 1,1-Dichloroethane	3.856	63	25458	2.593	ug/L	94
29) 1,1,1-Trichloroethane	5.300	97	545646	45.013	ug/L	98
31) Carbon tetrachloride	5.303	117	63144	5.668	ug/L	98
35) Methylcyclohexane	6.676	83	7734	0.801	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3472	0.641	ug/L #	85
47) Tetrachloroethene	8.541	164	3157	0.584	ug/L	95
49) Dibromochloromethane	8.544	129	3179	0.538	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	3517	1.029	ug/L #	57

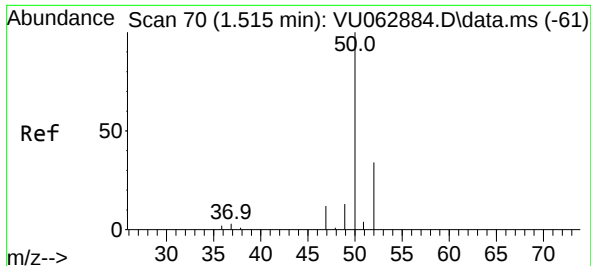
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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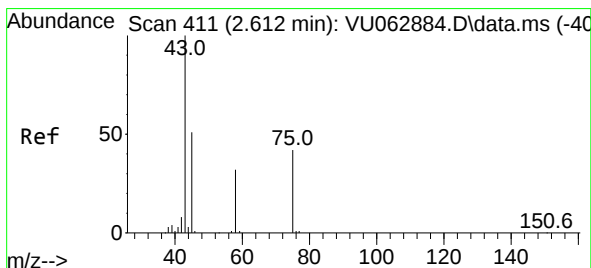
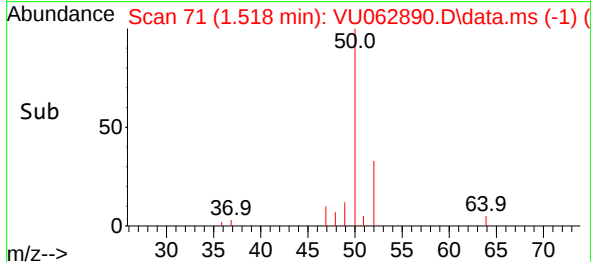
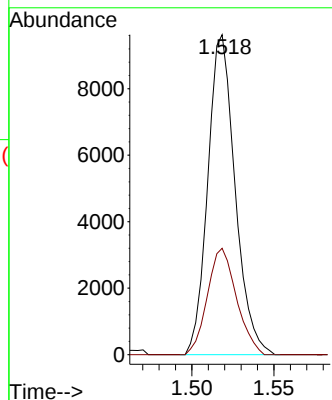
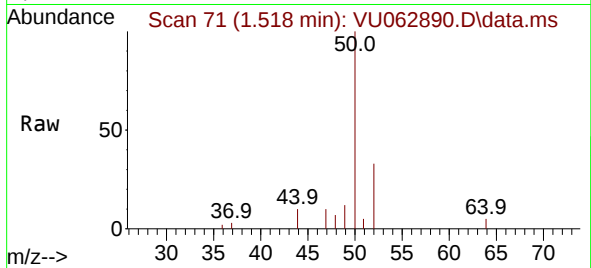




#3
Chloromethane
Concen: 2.108 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU062890.D
Acq: 17 Jan 2025 23:11

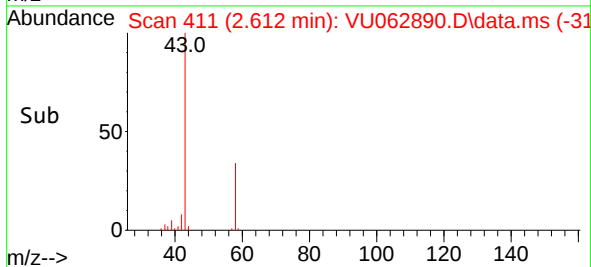
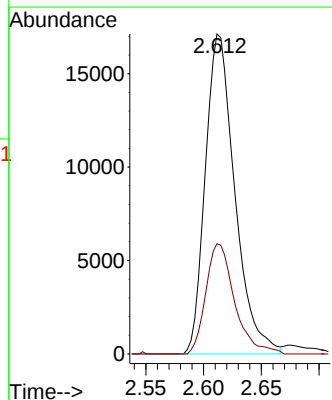
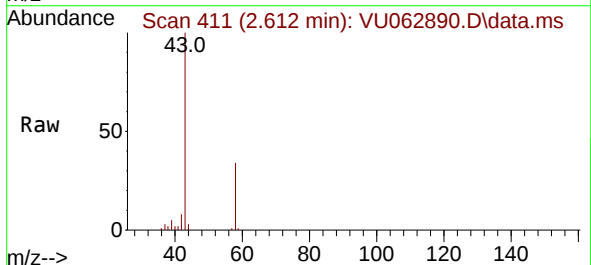
Instrument :
MSVOA_U
ClientSampleId :

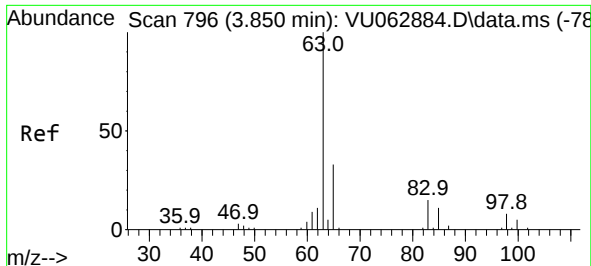
Tgt Ion: 50 Resp: 11125
Ion Ratio Lower Upper
50 100
52 33.2 24.1 44.7



#13
Acetone
Concen: 41.085 ug/L
RT: 2.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU062890.D
Acq: 17 Jan 2025 23:11

Tgt Ion: 43 Resp: 30412
Ion Ratio Lower Upper
43 100
58 33.6 0.0 64.4





#19

1,1-Dichloroethane

Concen: 2.593 ug/L

RT: 3.856 min Scan# 796

Delta R.T. 0.006 min

Lab File: VU062890.D

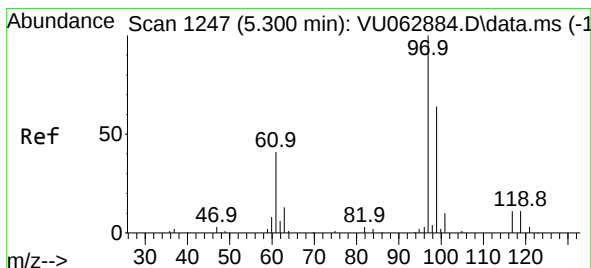
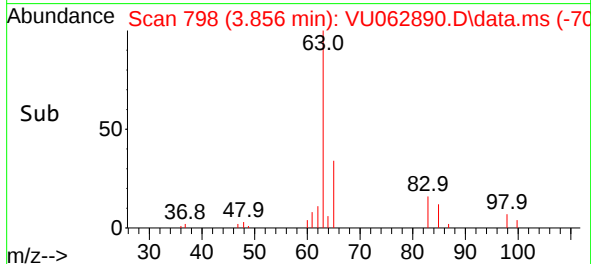
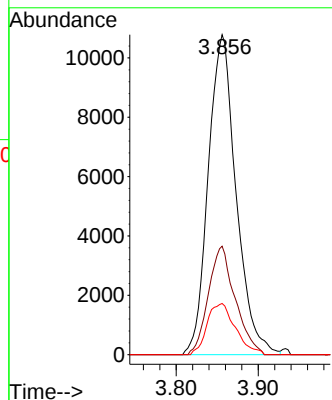
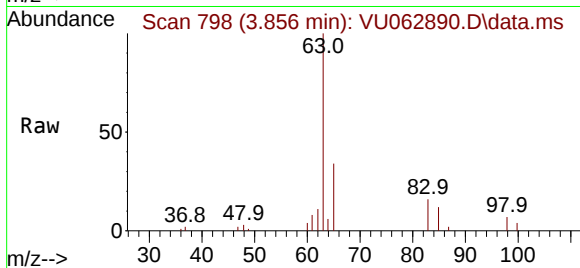
Acq: 17 Jan 2025 23:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 25458
Ion Ratio	Lower Upper
63 100	
65 33.9	20.7 38.5
83 16.0	10.5 19.5



#29

1,1,1-Trichloroethane

Concen: 45.013 ug/L

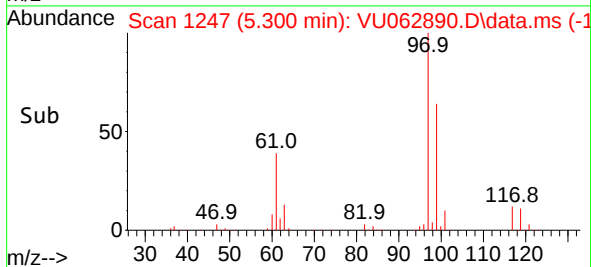
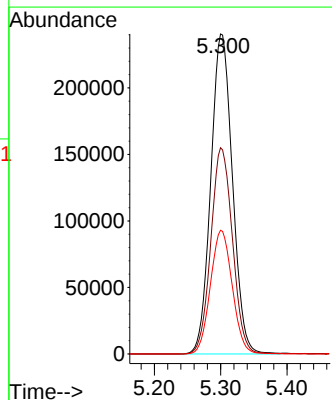
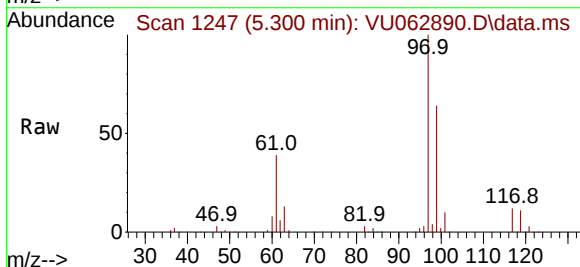
RT: 5.300 min Scan# 1247

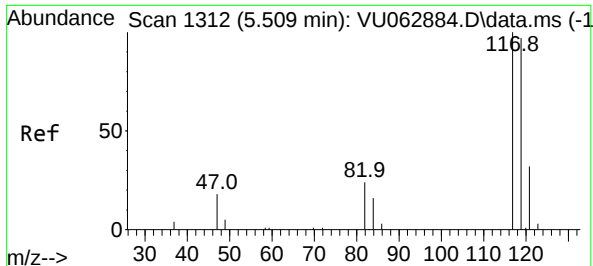
Delta R.T. -0.000 min

Lab File: VU062890.D

Acq: 17 Jan 2025 23:11

Tgt Ion: 97	Resp: 545646
Ion Ratio	Lower Upper
97 100	
99 64.5	52.4 78.6
61 38.9	32.2 48.4

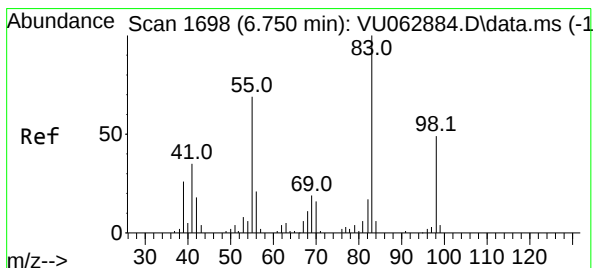
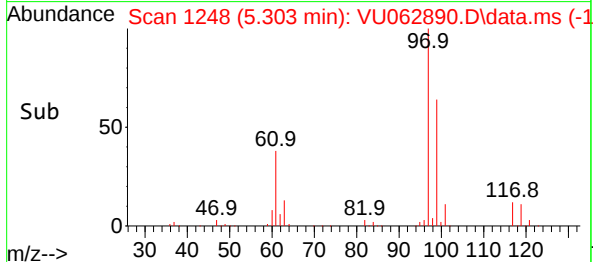
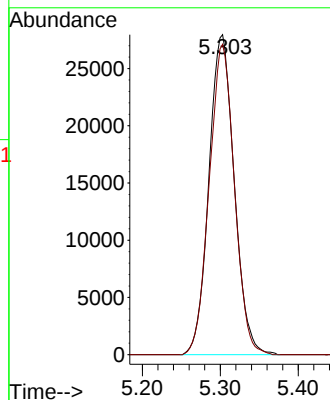
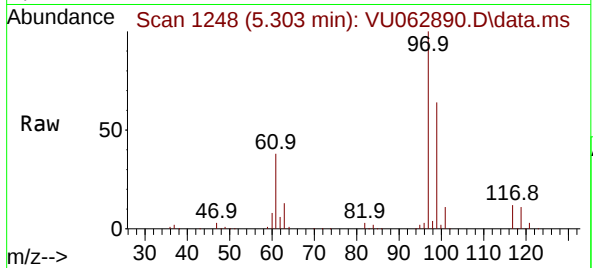




#31
Carbon tetrachloride
Concen: 5.668 ug/L
RT: 5.303 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062890.D
Acq: 17 Jan 2025 23:11

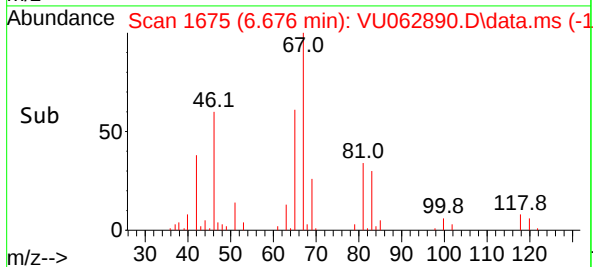
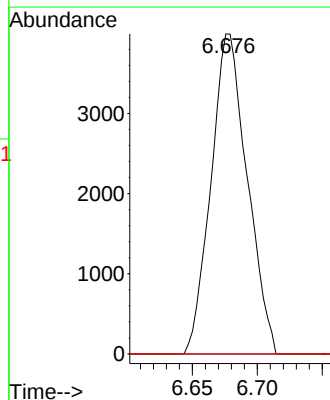
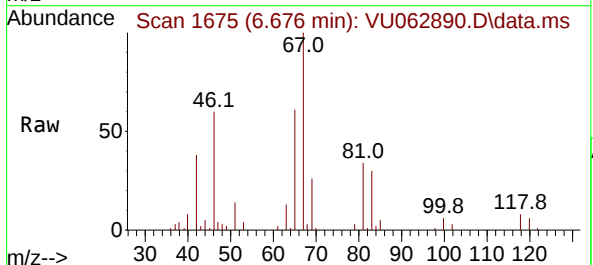
Instrument :
MSVOA_U
ClientSampleId :

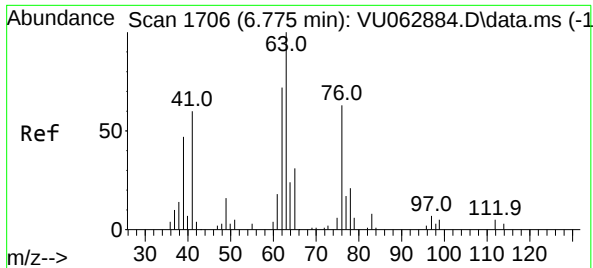
Tgt Ion:117 Resp: 63144
Ion Ratio Lower Upper
117 100
119 96.3 78.6 118.0



#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062890.D
Acq: 17 Jan 2025 23:11

Tgt Ion: 83 Resp: 7734
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: 0.641 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU062890.D

Acq: 17 Jan 2025 23:11

Instrument :

MSVOA_U

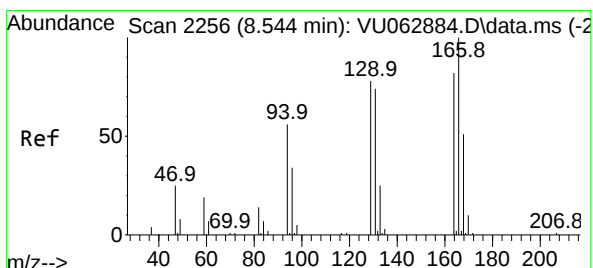
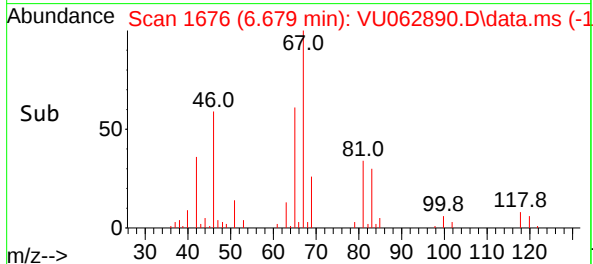
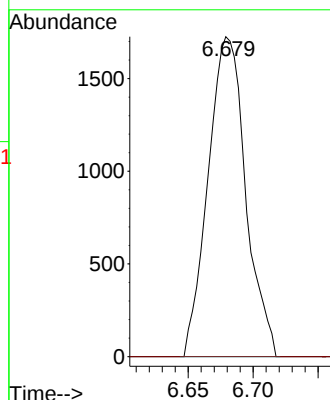
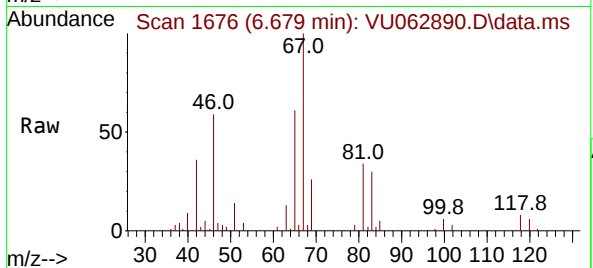
ClientSampleId :

Tgt Ion: 63 Resp: 3472

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#47

Tetrachloroethene

Concen: 0.584 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. -0.003 min

Lab File: VU062890.D

Acq: 17 Jan 2025 23:11

Tgt Ion: 164 Resp: 3157

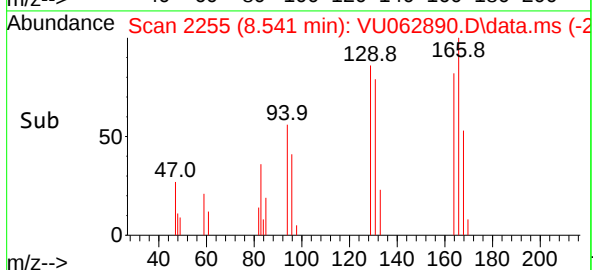
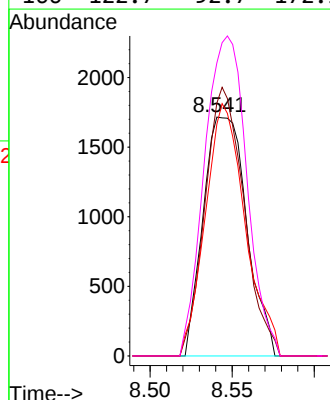
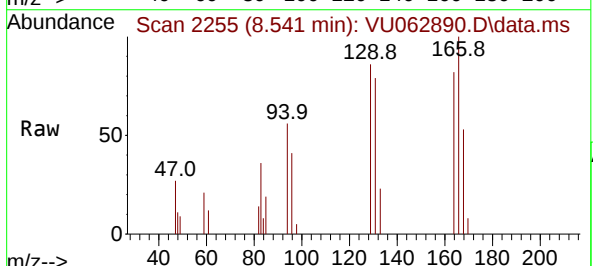
Ion Ratio Lower Upper

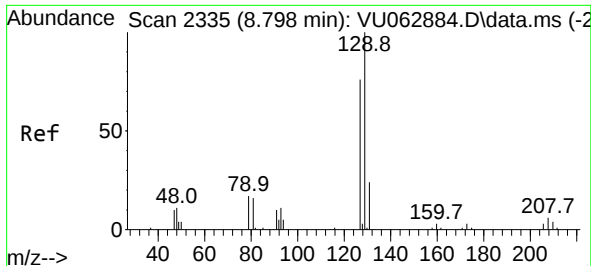
164 100

129 105.8 71.0 131.9

131 97.0 69.4 129.0

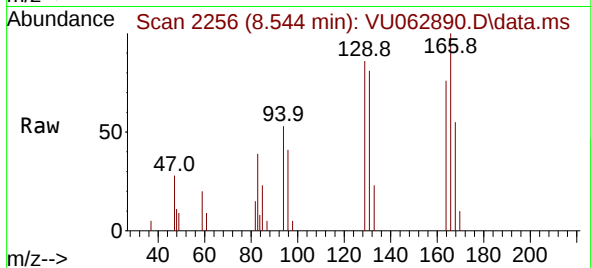
166 122.7 92.7 172.3



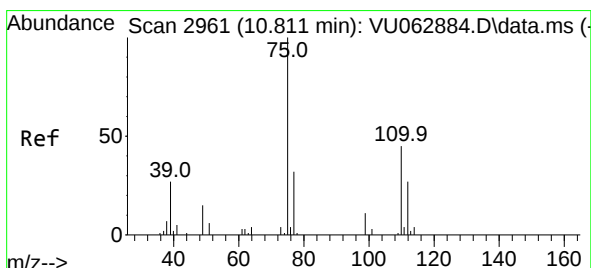
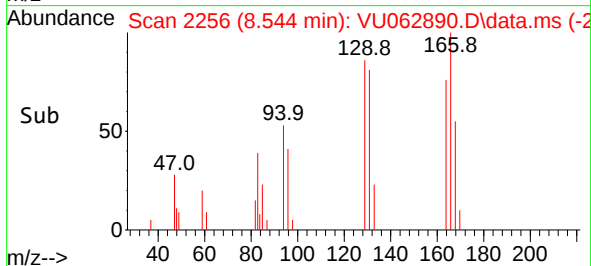
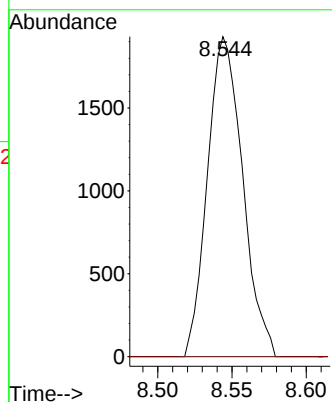


#49
Dibromochloromethane
Concen: 0.538 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU062890.D
Acq: 17 Jan 2025 23:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 3179
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#



#61
1,2,3-Trichloropropane
Concen: 1.029 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.993 min
Lab File: VU062890.D
Acq: 17 Jan 2025 23:11

Tgt Ion: 75 Resp: 3517
Ion Ratio Lower Upper
75 100
110 0.6 33.2 49.8#
77 40.9 25.9 38.9#

