

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062164.D
 Acq On : 09 Dec 2024 17:45
 Operator : MD/SY
 Sample : P5107-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 00:34:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

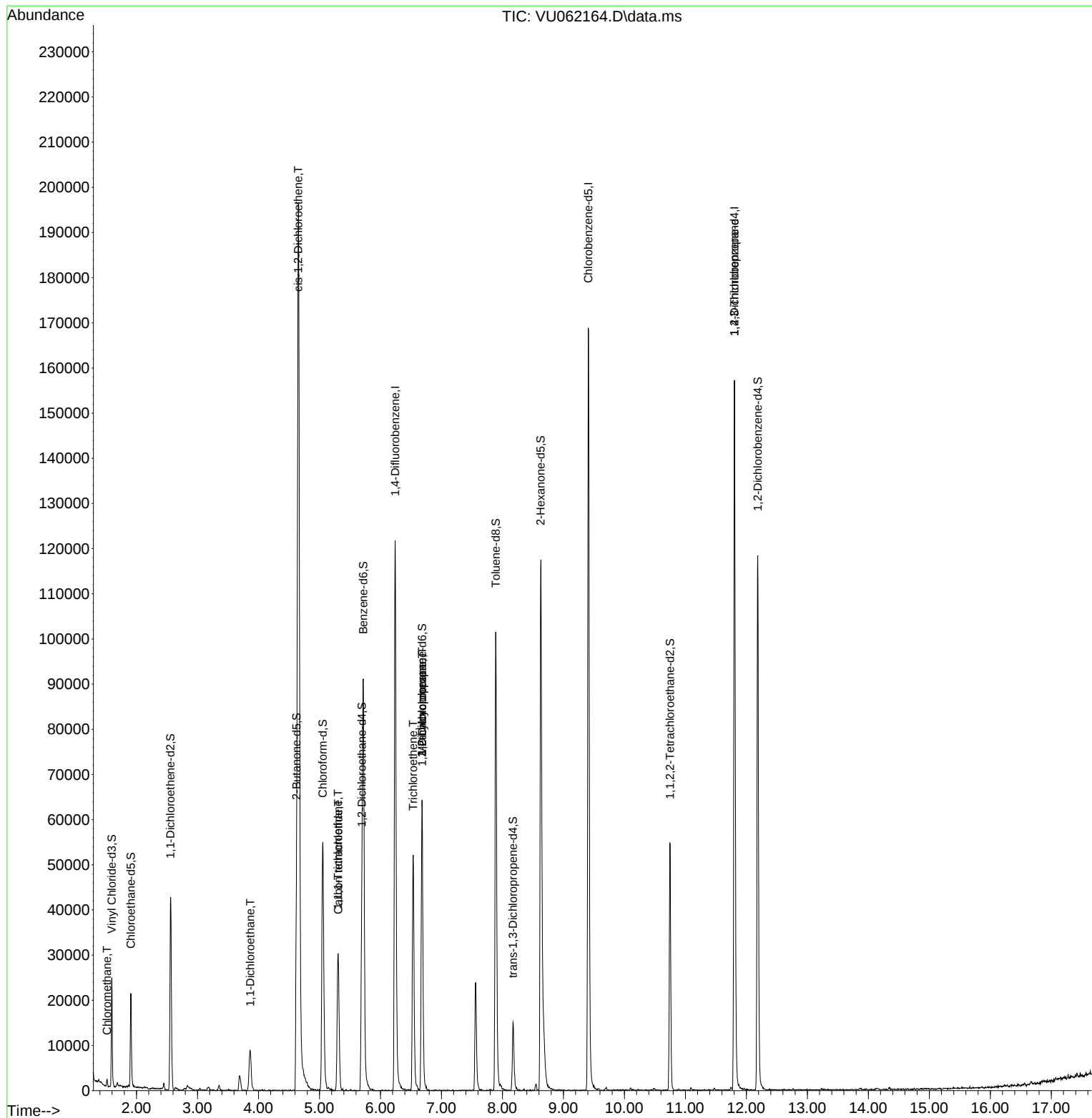
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103186	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	96330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16229	2.332	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.600%
7) Chloroethane-d5	1.907	69	14774	2.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.600%#
11) 1,1-Dichloroethene-d2	2.557	65	8032	2.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	4.624	46	61117	45.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.640%
24) Chloroform-d	5.055	84	53977	3.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.695	65	29102	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
32) Benzene-d6	5.717	84	86058	3.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.000%#
36) 1,2-Dichloropropane-d6	6.682	67	29814	3.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.891	98	73459	2.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.000%#
43) trans-1,3-Dichloroprop...	8.174	79	9433	2.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.000%#
46) 2-Hexanone-d5	8.627	63	39742	37.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	26767	4.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	32903	3.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1124	0.148	ug/L	96
19) 1,1-Dichloroethane	3.865	63	11593	0.884	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	102317	12.752	ug/L	94
29) 1,1,1-Trichloroethane	5.306	97	24100	1.778	ug/L	95
31) Carbon tetrachloride	5.309	117	2738	0.220	ug/L	97
34) Trichloroethene	6.537	95	19076	2.256	ug/L	98
35) Methylcyclohexane	6.682	83	7866	0.627	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3440	0.473	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	4714	1.123	ug/L #	66

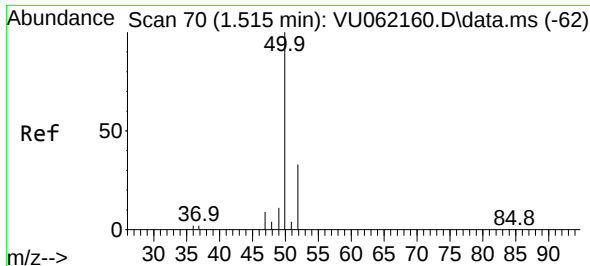
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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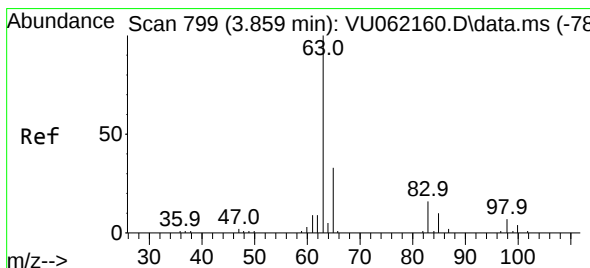
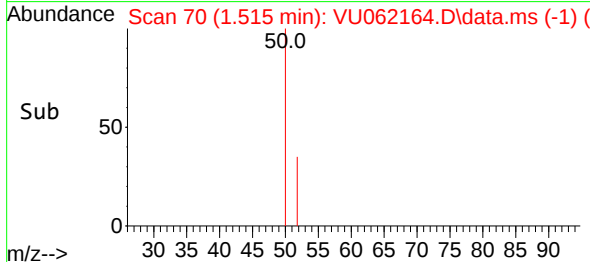
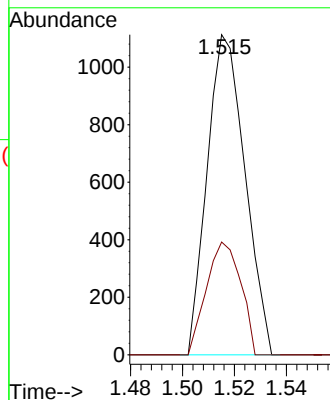
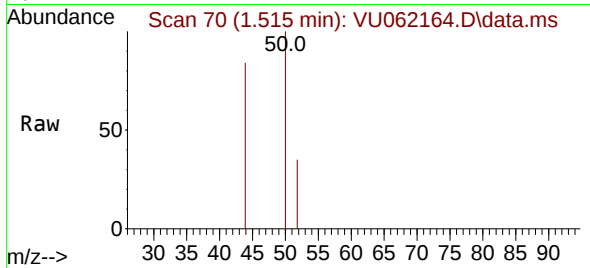




#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062164.D
Acq: 09 Dec 2024 17:45

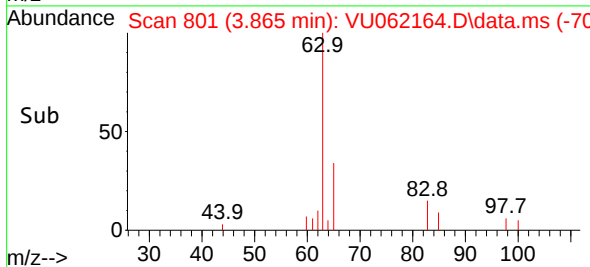
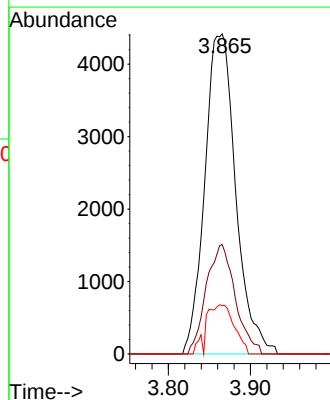
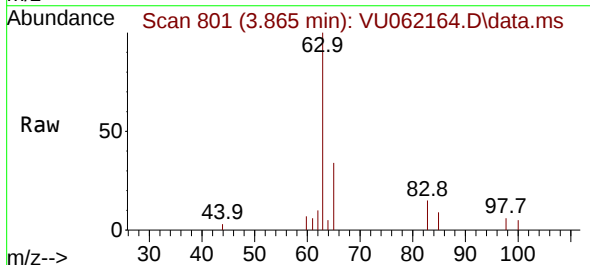
Instrument :
MSVOA_U
ClientSampleId :

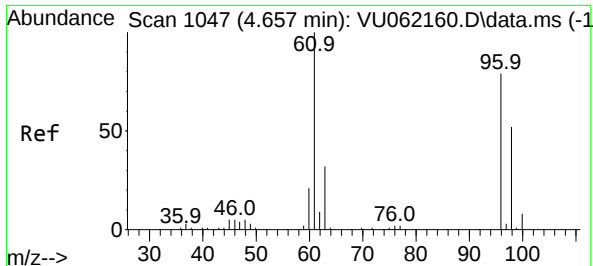
Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 35.2 23.1 42.9



#19
1,1-Dichloroethane
Concen: 0.884 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU062164.D
Acq: 09 Dec 2024 17:45

Tgt Ion: 63 Resp: 11593
Ion Ratio Lower Upper
63 100
65 34.2 22.7 42.3
83 15.1 9.9 18.3





#22

cis-1,2-Dichloroethene

Concen: 12.752 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU062164.D

Acq: 09 Dec 2024 17:45

Instrument :

MSVOA_U

ClientSampleId :

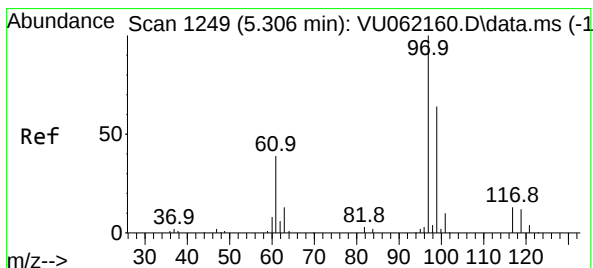
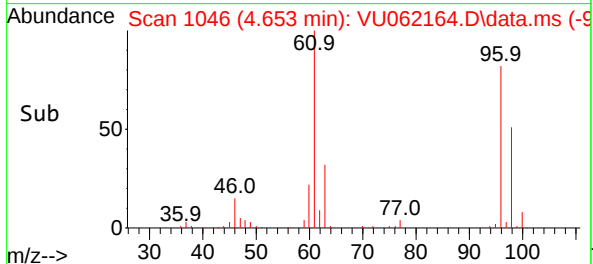
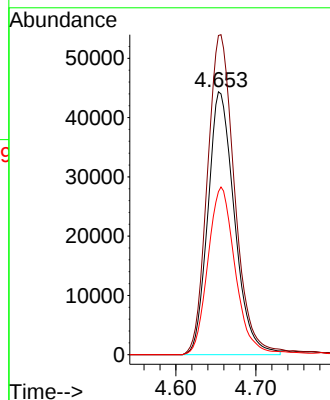
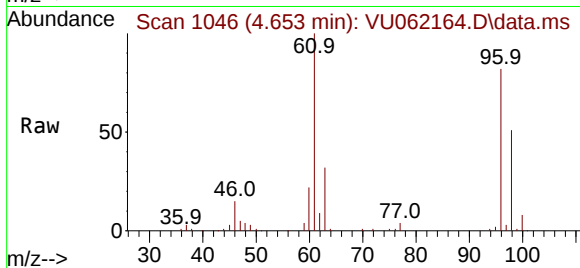
Tgt Ion: 96 Resp: 102317

Ion Ratio Lower Upper

96 100

61 121.4 92.0 170.8

98 62.0 44.5 82.7



#29

1,1,1-Trichloroethane

Concen: 1.778 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU062164.D

Acq: 09 Dec 2024 17:45

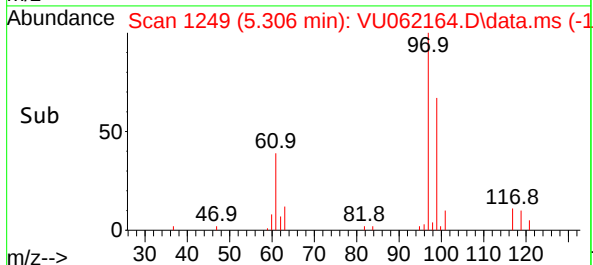
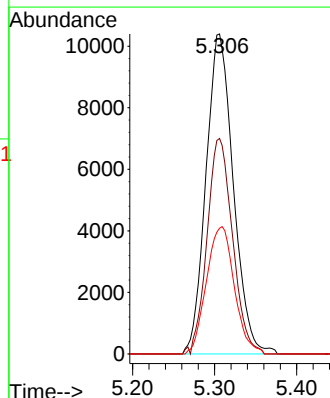
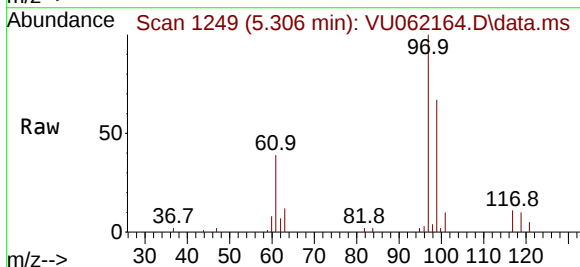
Tgt Ion: 97 Resp: 24100

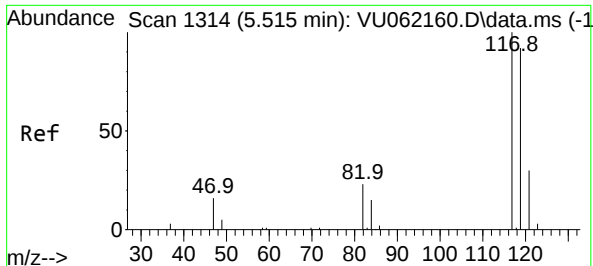
Ion Ratio Lower Upper

97 100

99 62.8 51.4 77.2

61 40.5 37.8 56.6

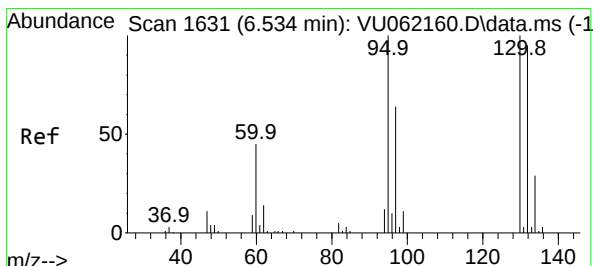
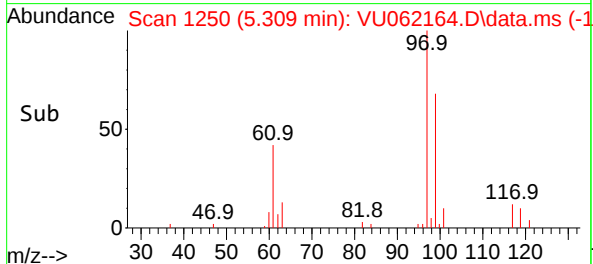
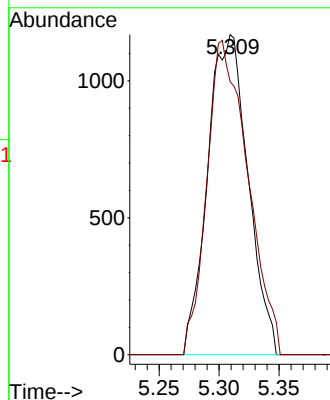
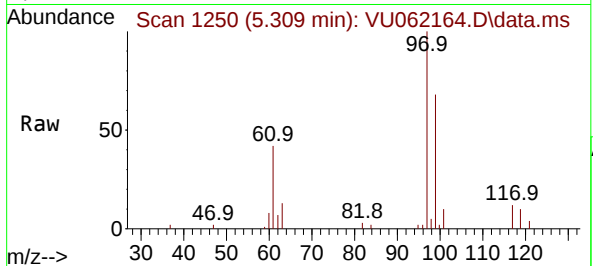




#31
Carbon tetrachloride
Concen: 0.220 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062164.D
Acq: 09 Dec 2024 17:45

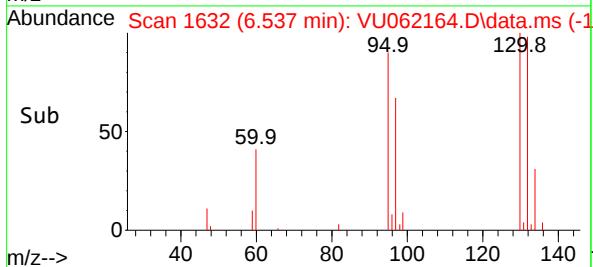
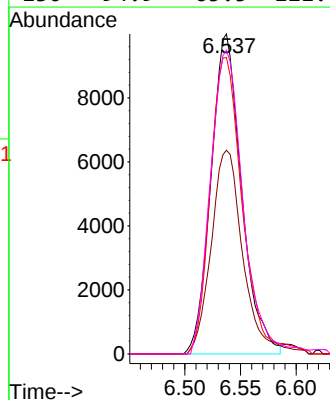
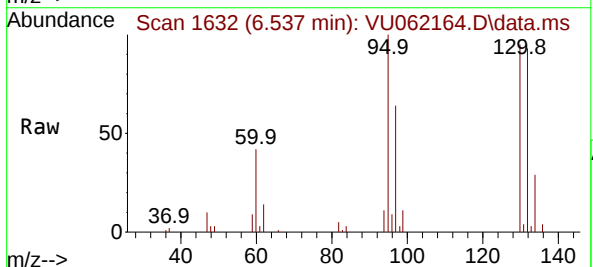
Instrument :
MSVOA_U
ClientSampleId :

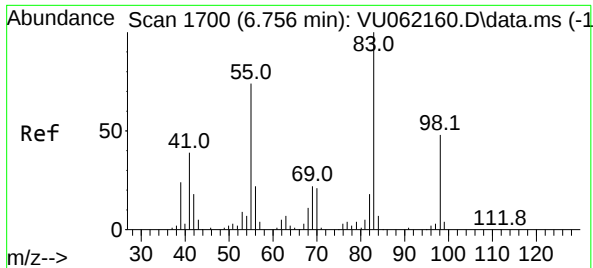
Tgt Ion:117 Resp: 2738
Ion Ratio Lower Upper
117 100
119 99.6 77.5 116.3



#34
Trichloroethene
Concen: 2.256 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062164.D
Acq: 09 Dec 2024 17:45

Tgt Ion: 95 Resp: 19076
Ion Ratio Lower Upper
95 100
97 63.7 45.9 85.3
132 92.6 63.8 118.4
130 94.9 65.5 121.7

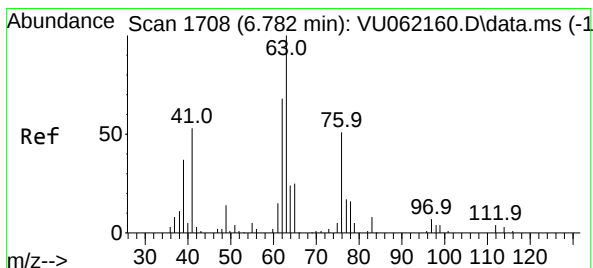
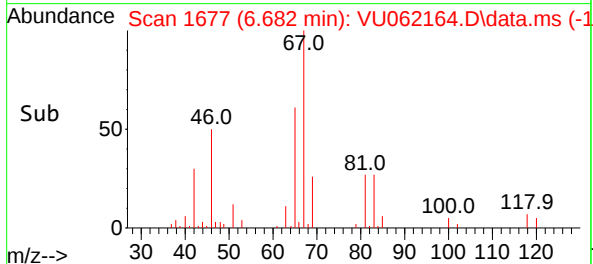
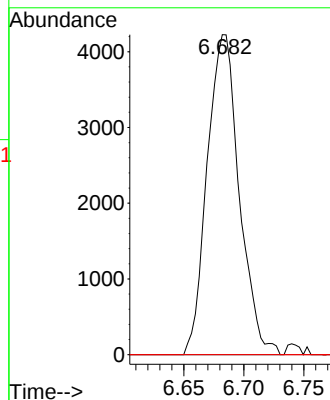
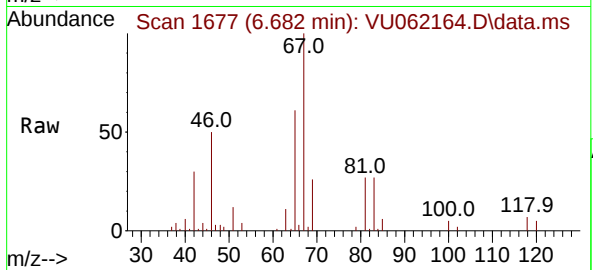




#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU062164.D
Acq: 09 Dec 2024 17:45

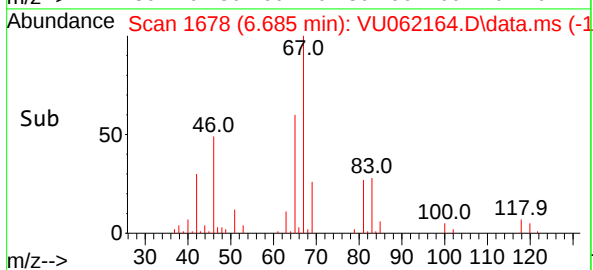
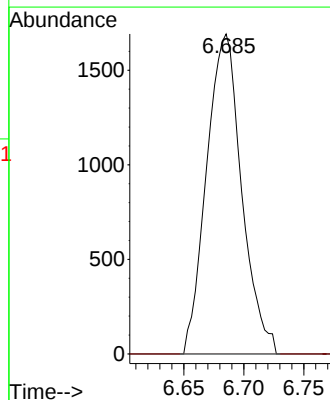
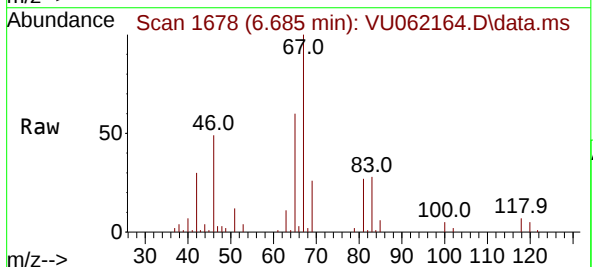
Instrument :
MSVOA_U
ClientSampleId :

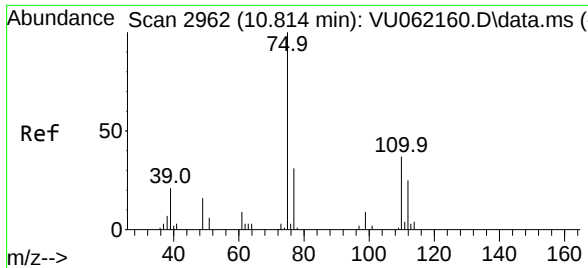
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#



#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU062164.D
Acq: 09 Dec 2024 17:45

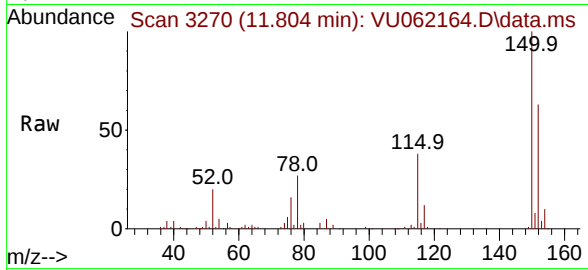
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.123 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062164.D
 Acq: 09 Dec 2024 17:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4714
Ion	Ratio	Lower	Upper
75	100		
110	1.0	28.9	43.3#
77	36.2	26.5	39.7

