

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062186.D
 Acq On : 10 Dec 2024 03:36
 Operator : MD/SY
 Sample : P5109-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:15:29 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)

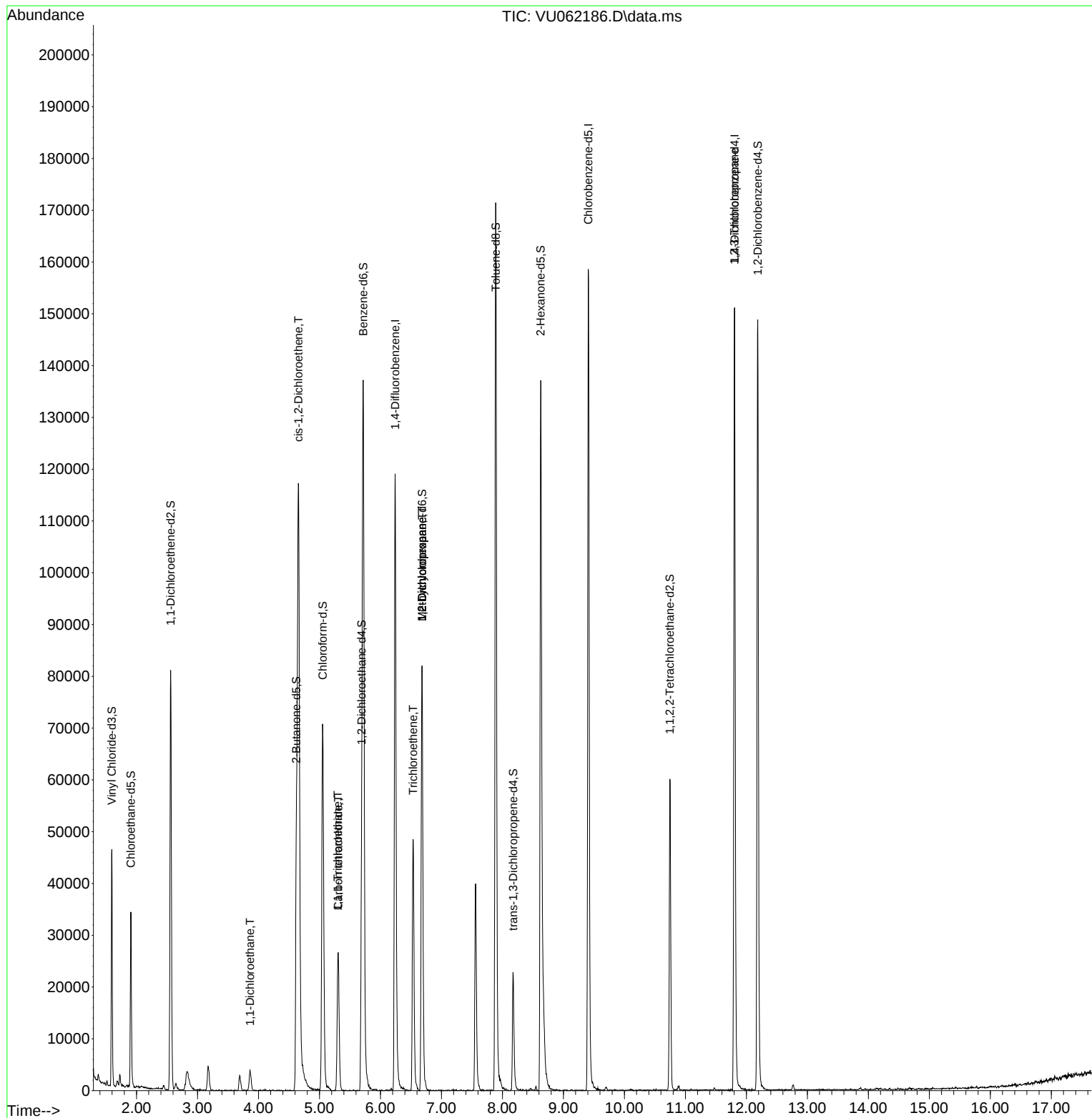
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100821	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	42726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31961	4.700	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.907	69	23148	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	15547	4.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.621	46	62832	48.210	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.420%
24) Chloroform-d	5.052	84	70896	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	37539	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.717	84	133659	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.682	67	40002	5.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.891	98	122960	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.177	79	14929	4.436	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	46629	45.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28615	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	41869	5.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.862	63	5000	0.390	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	57026	7.274	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	20771	1.591	ug/L	96
31) Carbon tetrachloride	5.309	117	2426	0.203	ug/L	97
34) Trichloroethene	6.534	95	18018	2.212	ug/L	95
35) Methylcyclohexane	6.682	83	9998	0.828	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	4669	0.667	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	4388	1.111	ug/L #	65

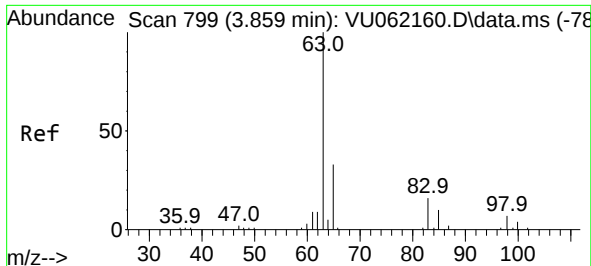
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.390 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU062186.D

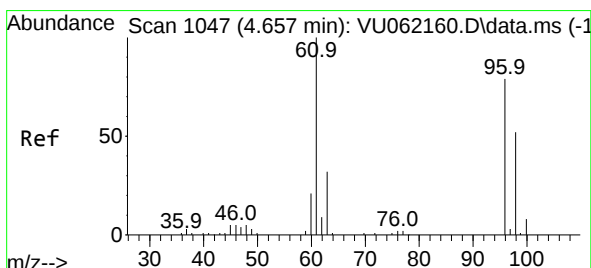
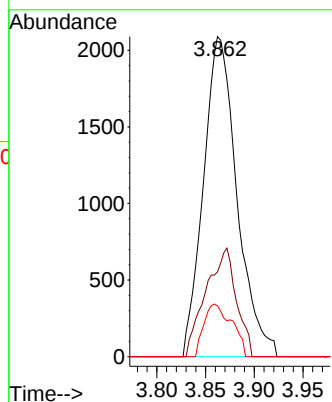
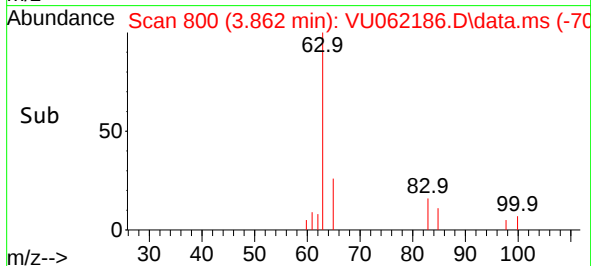
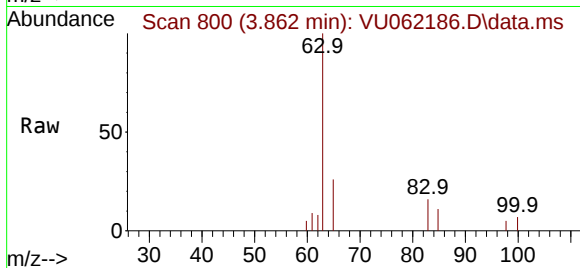
Acq: 10 Dec 2024 03:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 5000
Ion Ratio	Lower Upper
63 100	
65 26.5	22.7 42.3
83 15.9	9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 7.274 ug/L

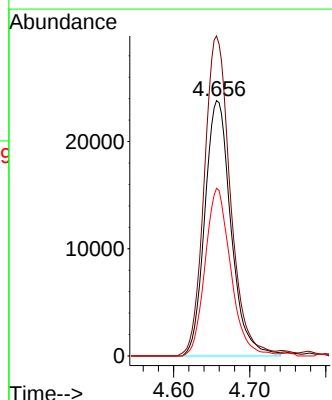
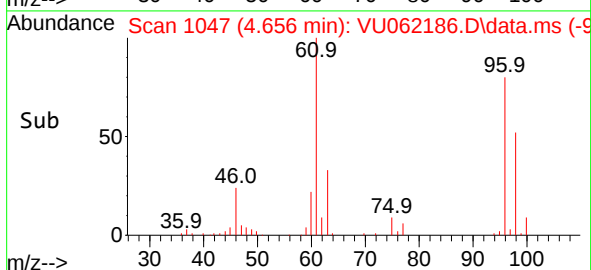
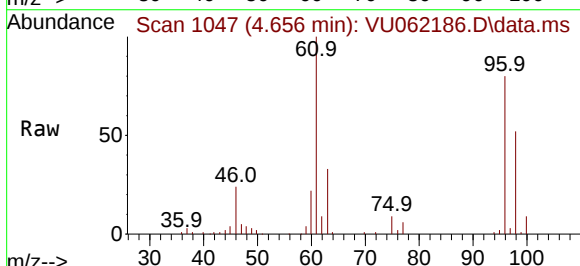
RT: 4.656 min Scan# 1047

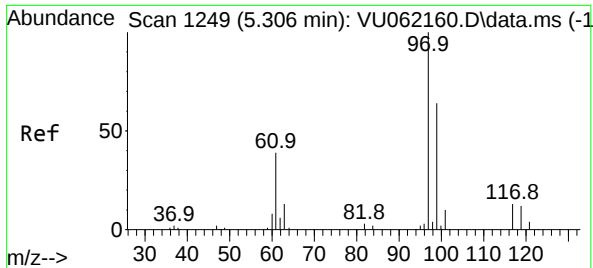
Delta R.T. -0.000 min

Lab File: VU062186.D

Acq: 10 Dec 2024 03:36

Tgt Ion: 96	Resp: 57026		
Ion Ratio	Lower	Upper	
96	100		
61	125.3	92.0	170.8
98	65.7	44.5	82.7

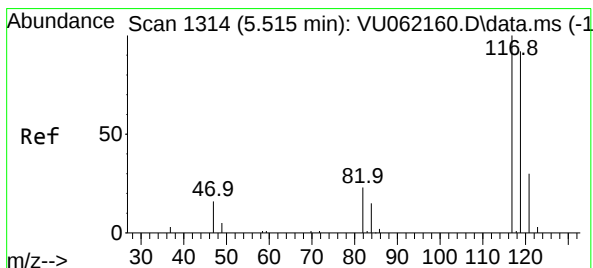
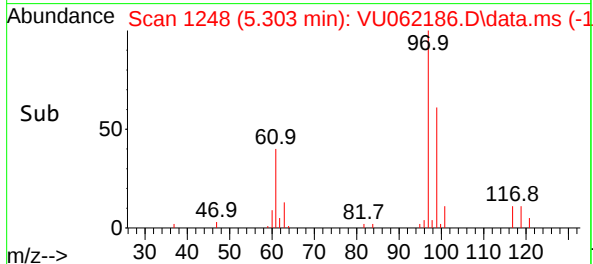
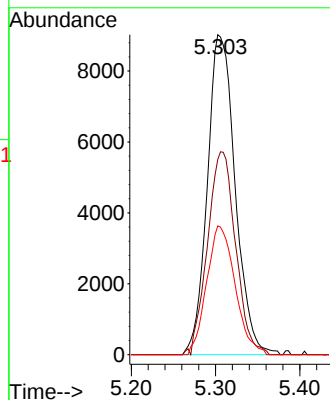
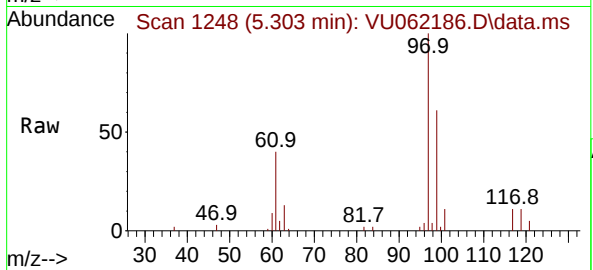




#29
1,1,1-Trichloroethane
Concen: 1.591 ug/L
RT: 5.303 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062186.D
Acq: 10 Dec 2024 03:36

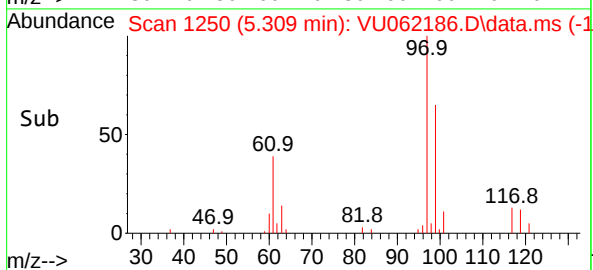
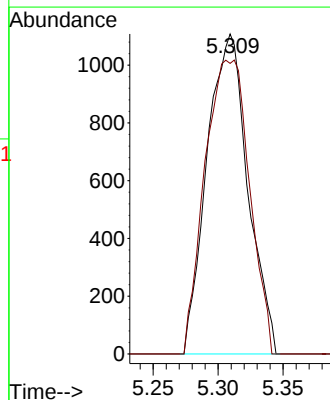
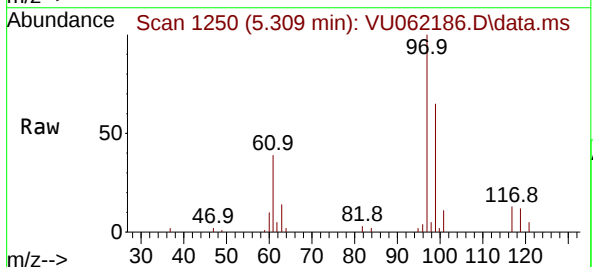
Instrument :
MSVOA_U
ClientSampleId :

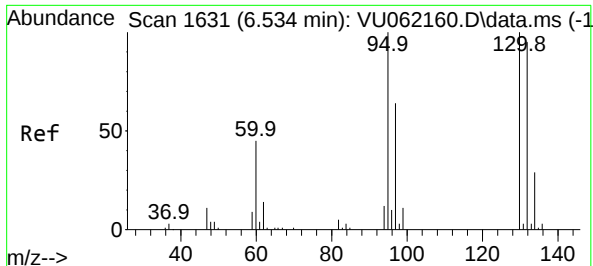
Tgt Ion: 97 Resp: 20771
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 40.9 37.8 56.6



#31
Carbon tetrachloride
Concen: 0.203 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.206 min
Lab File: VU062186.D
Acq: 10 Dec 2024 03:36

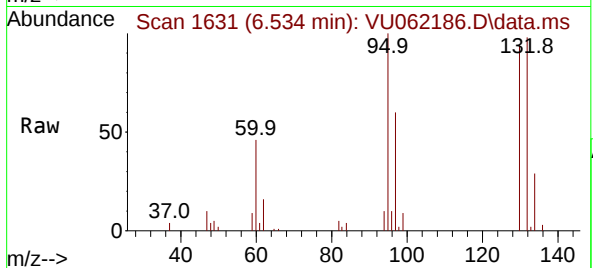
Tgt Ion:117 Resp: 2426
Ion Ratio Lower Upper
117 100
119 100.1 77.5 116.3



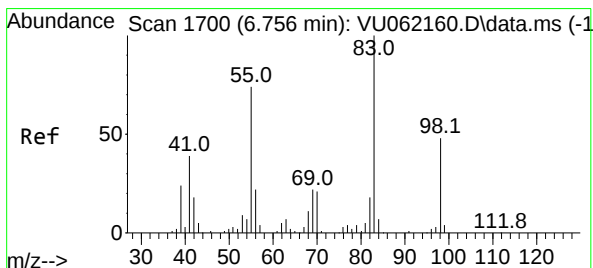
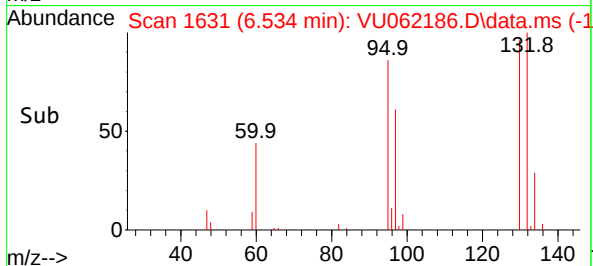
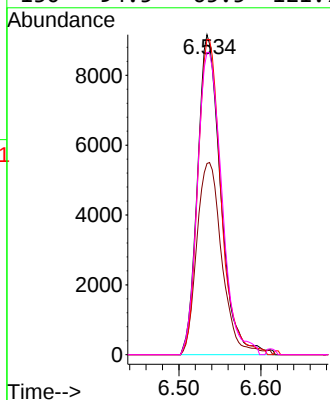


#34
Trichloroethene
Concen: 2.212 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062186.D
Acq: 10 Dec 2024 03:36

Instrument :
MSVOA_U
ClientSampleId :

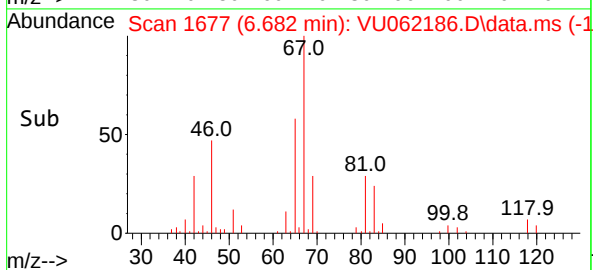
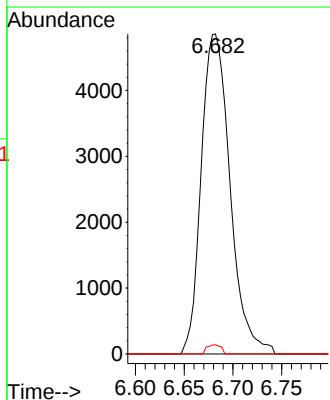
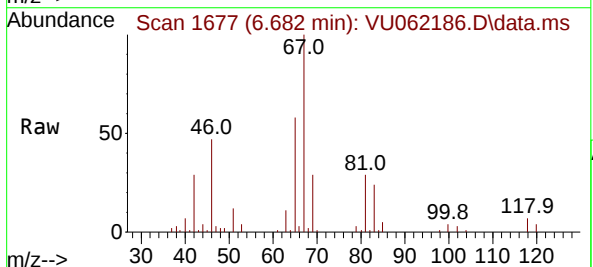


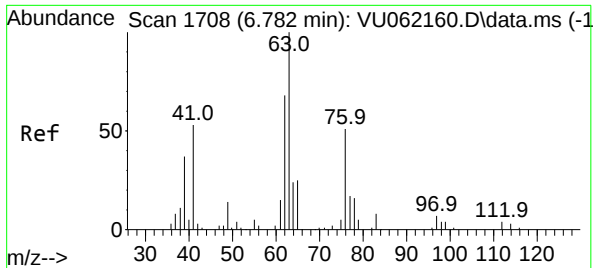
Tgt Ion:	95	Resp:	18018
Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.9	85.3
132	98.5	63.8	118.4
130	94.5	65.5	121.7



#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU062186.D
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Tgt Ion:	83	Resp:	9998
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	1.4	34.8	52.2#

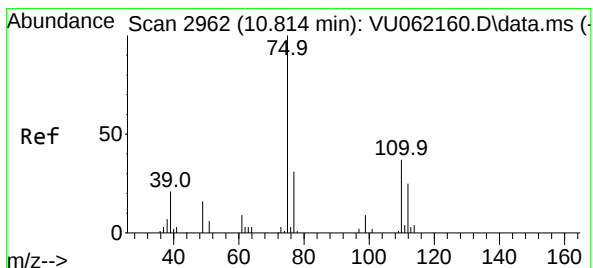
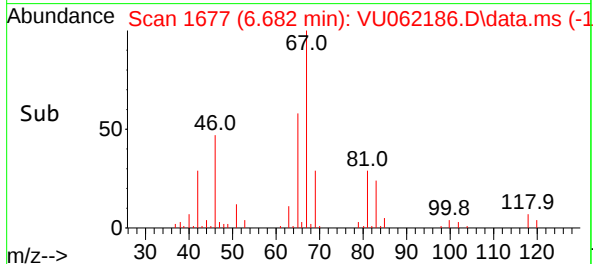
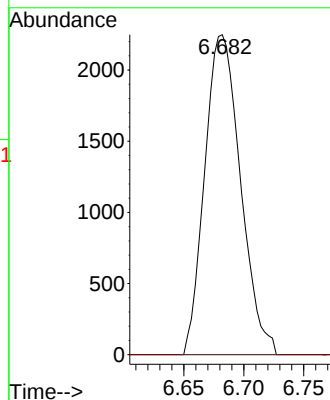
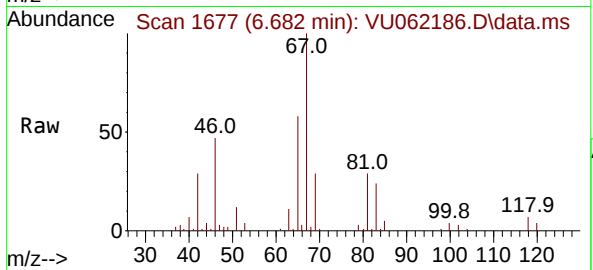




#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062186.D
Acq: 10 Dec 2024 03:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4669
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.111 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062186.D
Acq: 10 Dec 2024 03:36

Tgt Ion: 75 Resp: 4388
Ion Ratio Lower Upper
75 100
110 2.1 28.9 43.3#
77 39.4 26.5 39.7

