

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060559.D
 Acq On : 28 Aug 2024 16:45
 Operator : MD/SY
 Sample : P3755-01DL 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

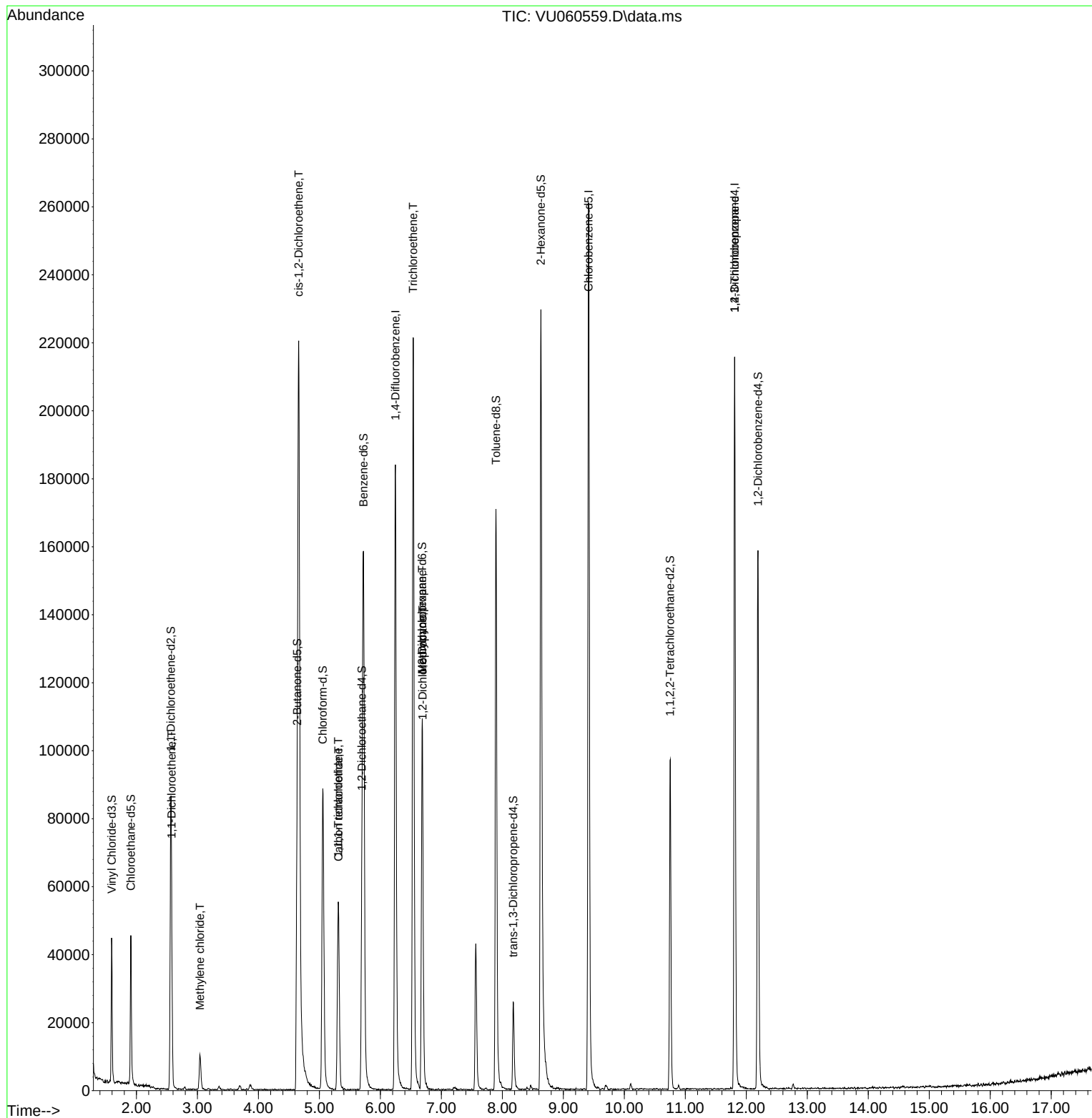
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159942	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29286	4.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.908	69	31824	2.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.400%#
11) 1,1-Dichloroethene-d2	2.563	65	13702	3.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.634	46	119681	49.266	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.540%
24) Chloroform-d	5.055	84	87603	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	47304	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.721	84	155528	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.685	67	55791	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.894	98	124898	3.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.177	79	17452	4.182	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	85646	42.868	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49062	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	48869	5.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	10956	0.836	ug/L #	52
16) Methylene chloride	3.039	84	5732	0.450	ug/L	81
22) cis-1,2-Dichloroethene	4.660	96	107438	8.449	ug/L	92
29) 1,1,1-Trichloroethane	5.309	97	41086	1.815	ug/L	96
31) Carbon tetrachloride	5.313	117	5978	0.286	ug/L	94
34) Trichloroethene	6.538	95	77850	5.479	ug/L	98
35) Methylcyclohexane	6.685	83	12999	0.667	ug/L #	16
37) 1,2-Dichloropropane	6.692	63	5520	0.411	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	6300	1.032	ug/L #	61

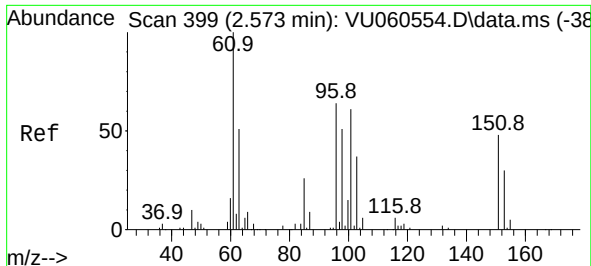
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.836 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.004 min

Lab File: VU060559.D

Acq: 28 Aug 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

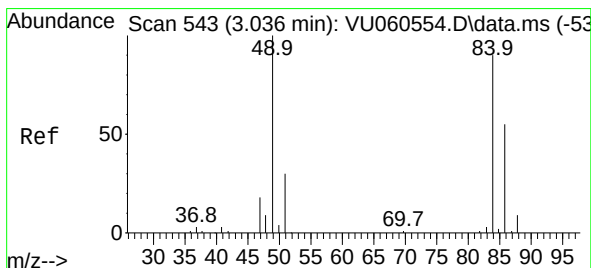
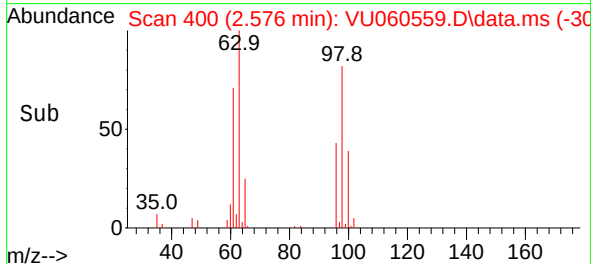
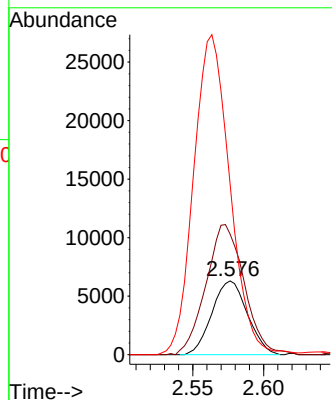
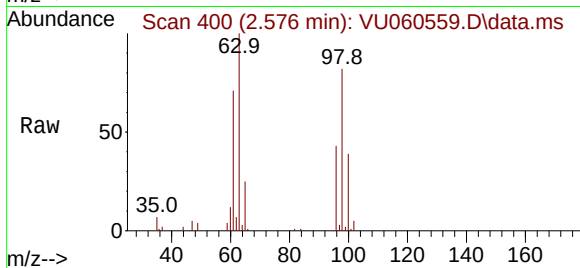
Tgt Ion: 96 Resp: 10956

Ion Ratio Lower Upper

96 100

61 163.4 116.4 216.2

63 231.2 74.8 139.0#



#16

Methylene chloride

Concen: 0.450 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060559.D

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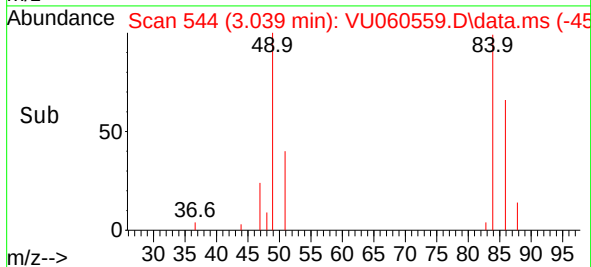
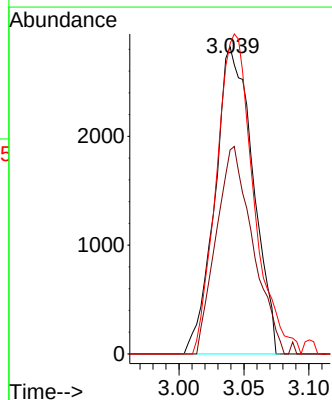
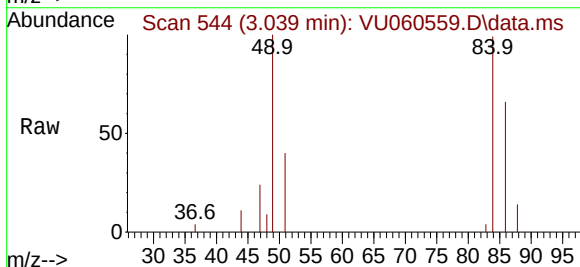
Tgt Ion: 84 Resp: 5732

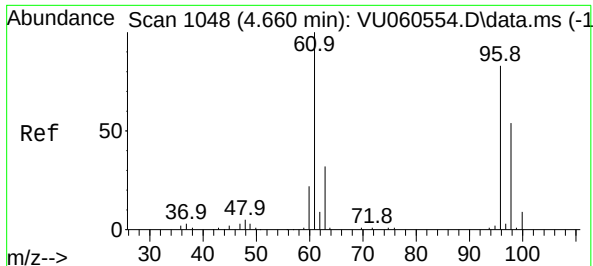
Ion Ratio Lower Upper

84 100

86 66.4 47.5 88.3

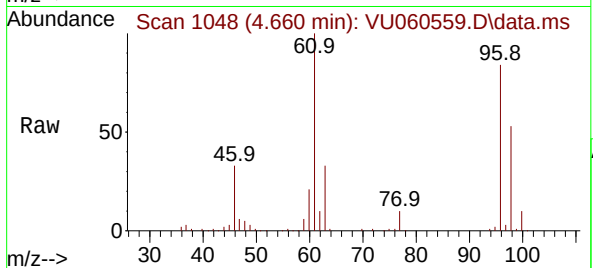
49 101.1 94.4 175.2





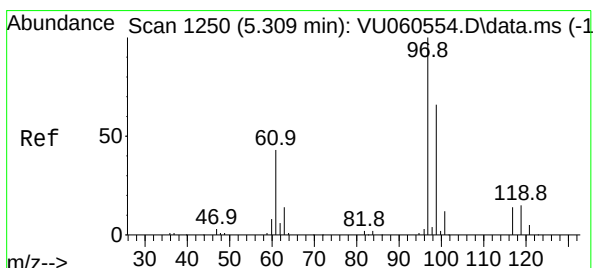
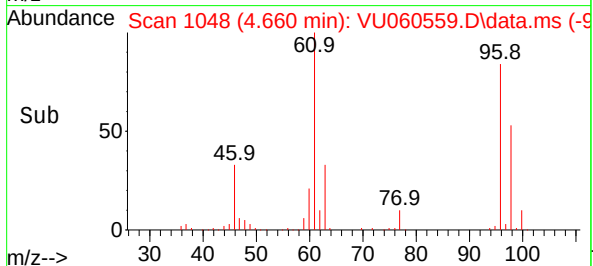
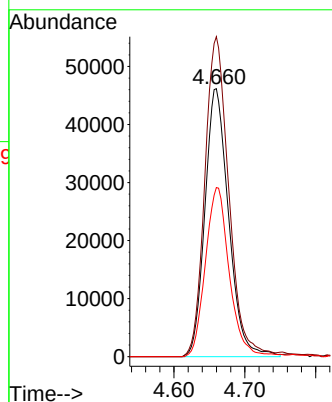
#22
 cis-1,2-Dichloroethene
 Concen: 8.449 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060559.D
 Acq: 28 Aug 2024 16:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 107438

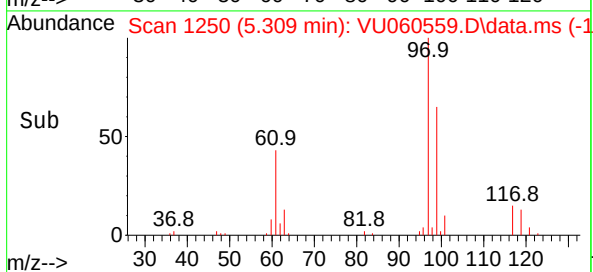
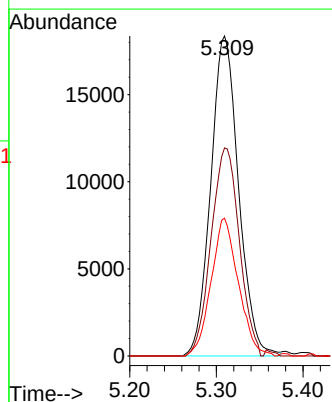
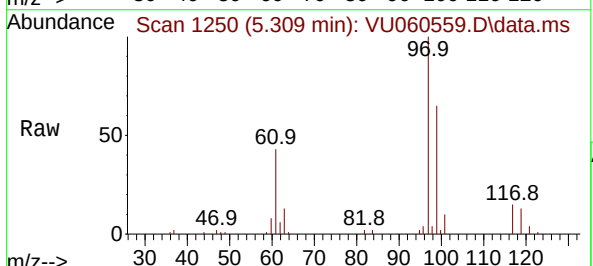
Ion	Ratio	Lower	Upper
96	100		
61	119.4	92.9	172.5
98	63.1	45.0	83.6

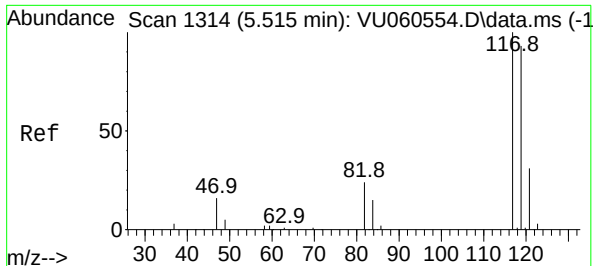


#29
 1,1,1-Trichloroethane
 Concen: 1.815 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU060559.D
 Acq: 28 Aug 2024 16:45

Tgt Ion: 97 Resp: 41086

Ion	Ratio	Lower	Upper
97	100		
99	65.8	49.7	74.5
61	42.1	35.4	53.2

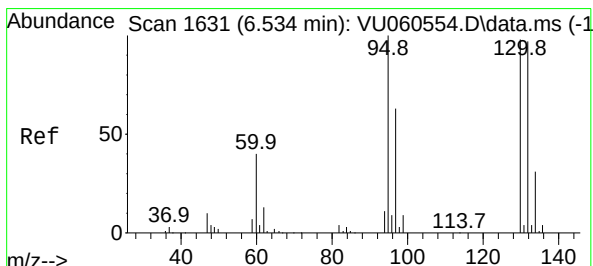
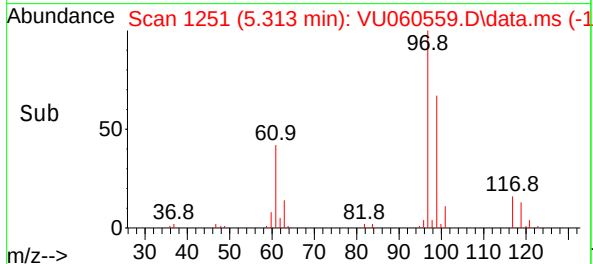
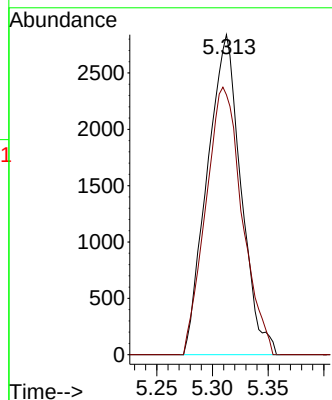
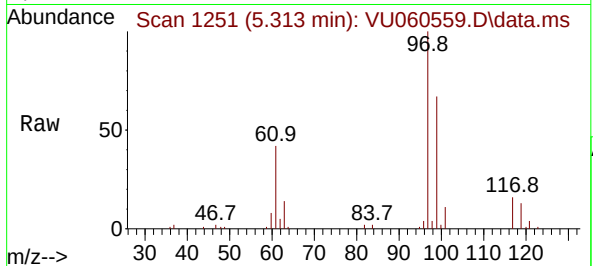




#31
Carbon tetrachloride
Concen: 0.286 ug/L
RT: 5.313 min Scan# 117
Delta R.T. -0.202 min
Lab File: VU060559.D
Acq: 28 Aug 2024 16:45

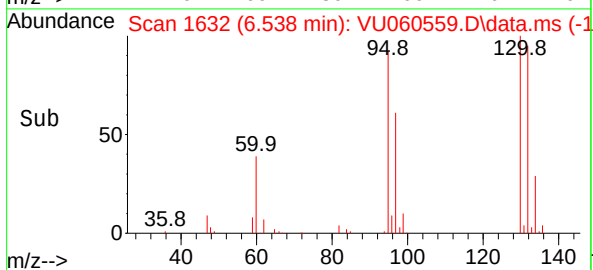
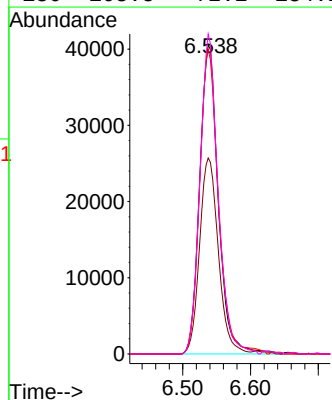
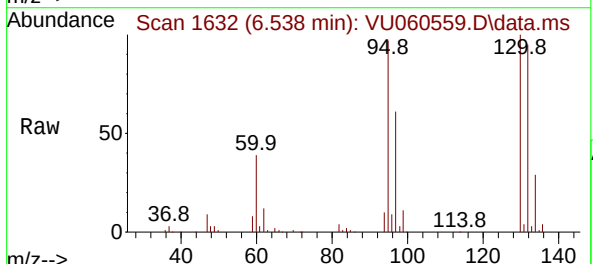
Instrument :
MSVOA_U
ClientSampleId :

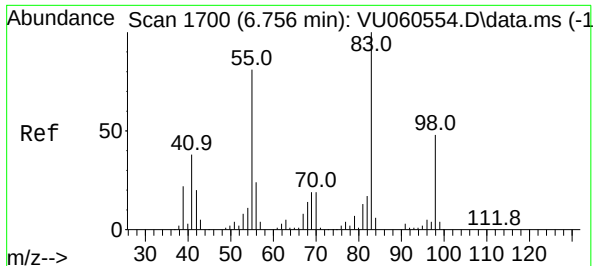
Tgt Ion:117 Resp: 5978
Ion Ratio Lower Upper
117 100
119 90.1 76.4 114.6



#34
Trichloroethene
Concen: 5.479 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU060559.D
Acq: 28 Aug 2024 16:45

Tgt Ion: 95 Resp: 77850
Ion Ratio Lower Upper
95 100
97 63.4 45.8 85.2
132 98.5 67.4 125.2
130 103.5 72.2 134.2

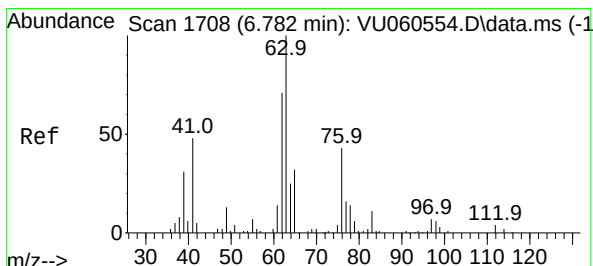
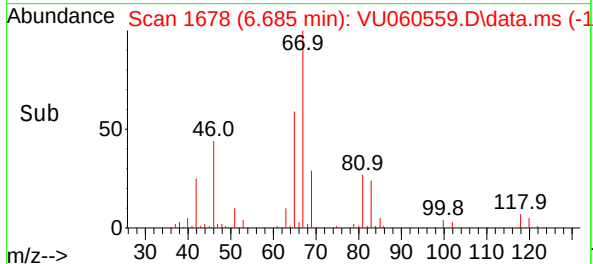
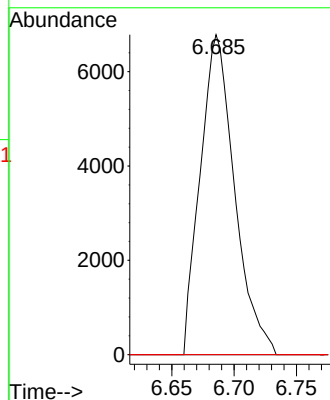
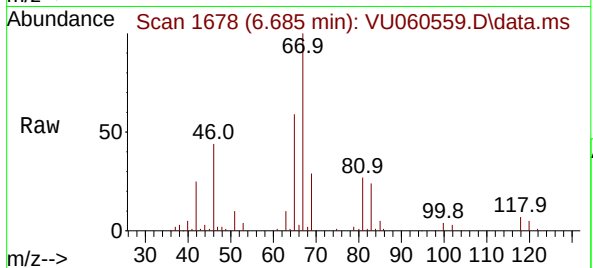




#35
Methylcyclohexane
Concen: 0.667 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.070 min
Lab File: VU060559.D
Acq: 28 Aug 2024 16:45

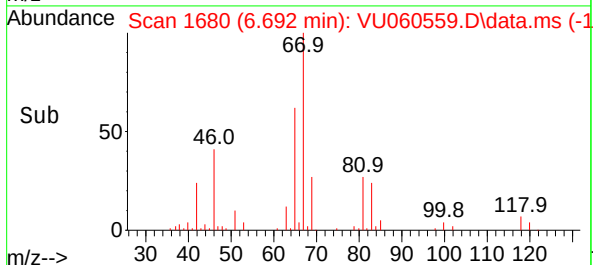
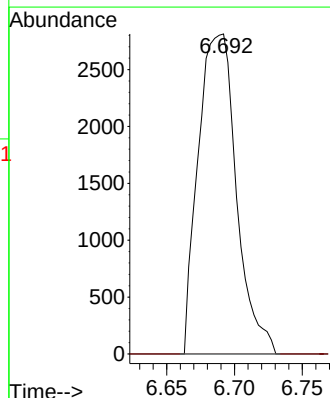
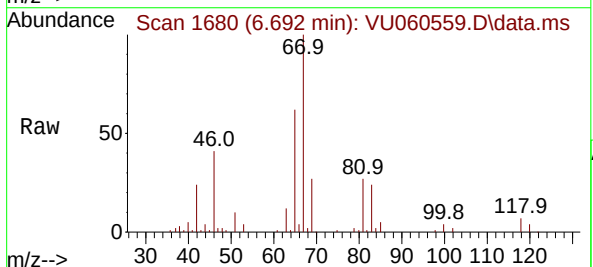
Instrument :
MSVOA_U
ClientSampleId :

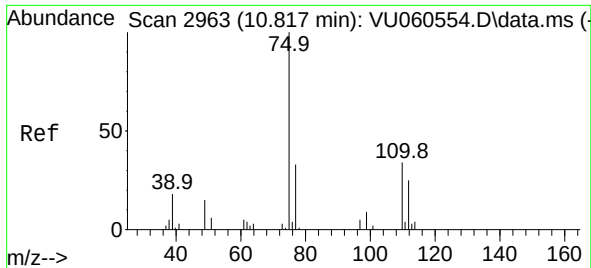
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.8#
98	0.0	37.8	56.8#



#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.090 min
Lab File: VU060559.D
Acq: 28 Aug 2024 16:45

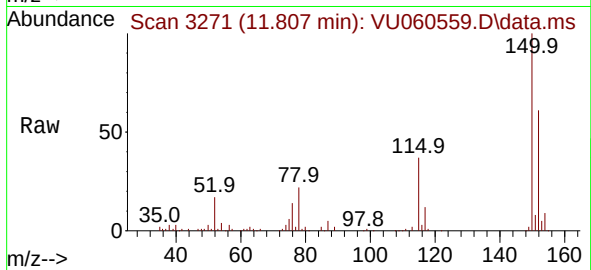
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.3	3.5#





#61
1,2,3-Trichloropropane
Concen: 1.032 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU060559.D
Acq: 28 Aug 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.4	30.2	45.4#
77	39.9	25.4	38.2#

