

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060667.D
 Acq On : 10 Sep 2024 15:26
 Operator : MD/SY
 Sample : P3918-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:48:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

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

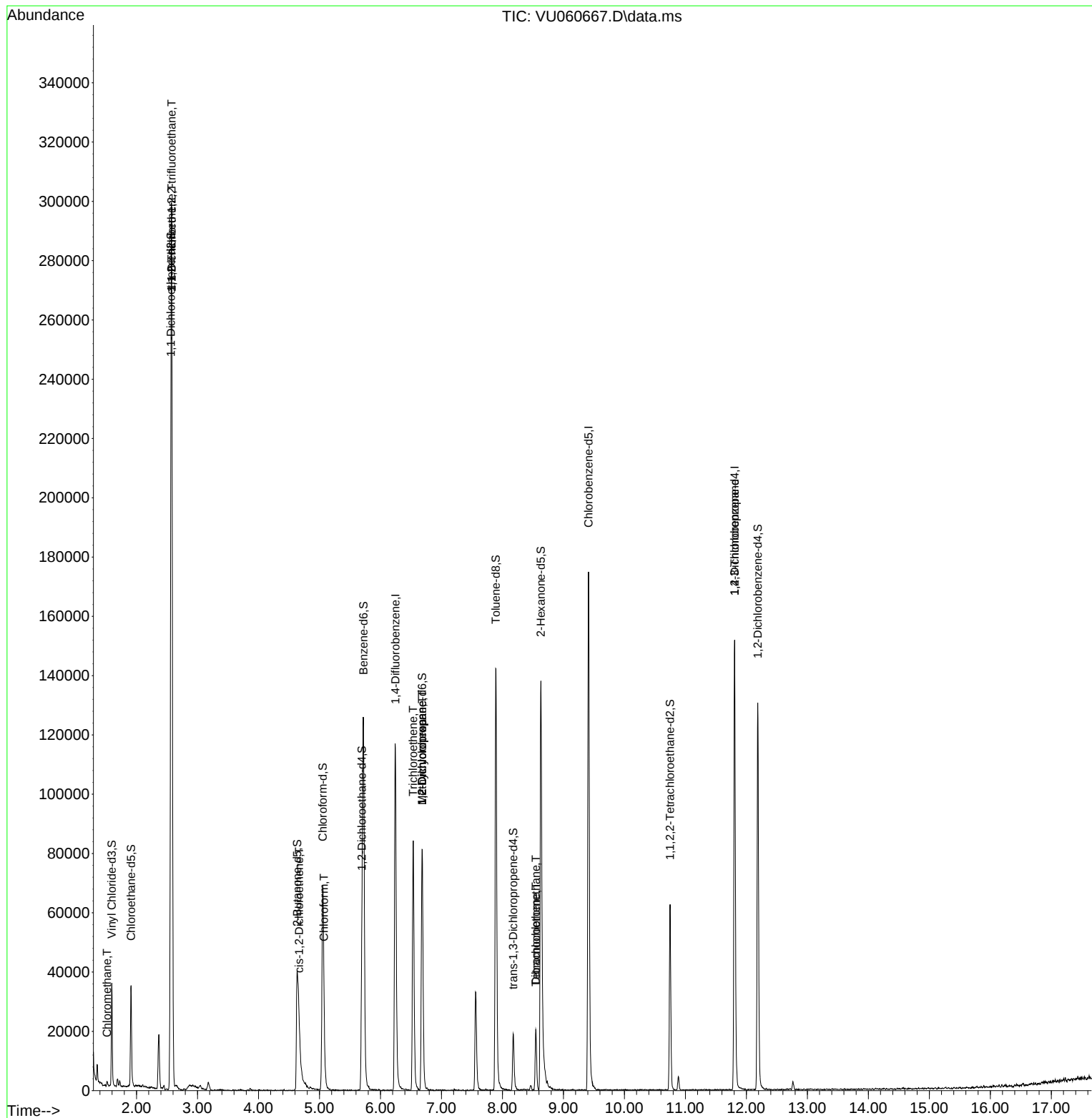
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	98283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	106715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23870	5.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.000%
7) Chloroethane-d5	1.911	69	25863	3.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.563	65	12175	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.634	46	70744	47.391	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.780%
24) Chloroform-d	5.055	84	68346	5.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.695	65	35832	5.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.721	84	120237	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	39722	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	103222	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.177	79	12030	4.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	49871	38.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30775	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36282	5.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
3) Chloromethane	1.518	50	1087	0.112	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	102029	11.658	ug/L	99
12) 1,1-Dichloroethene	2.576	96	6823	0.847	ug/L #	23
22) cis-1,2-Dichloroethene	4.666	96	3867	0.495	ug/L	92
25) Chloroform	5.074	83	3459	0.230	ug/L	86
34) Trichloroethene	6.537	95	28781	3.137	ug/L	97
35) Methylcyclohexane	6.685	83	9715	0.772	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	4404	0.508	ug/L #	91
47) Tetrachloroethene	8.550	164	4595	0.611	ug/L	95
49) Dibromochloromethane	8.547	129	4526	0.622	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	4918	1.144	ug/L #	67

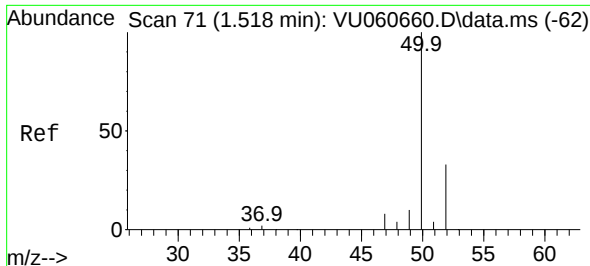
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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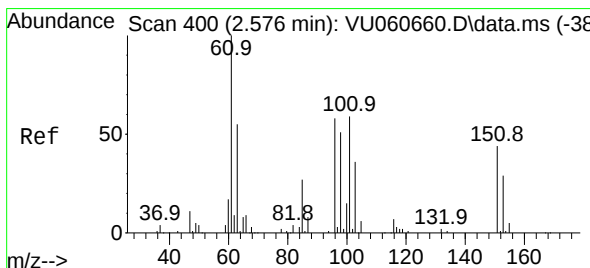
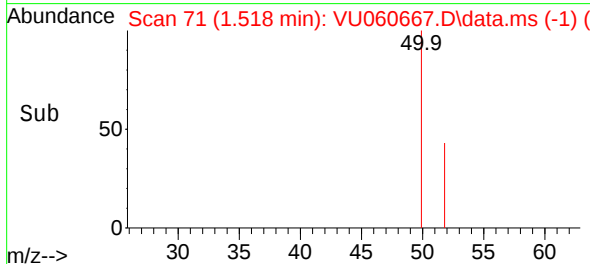
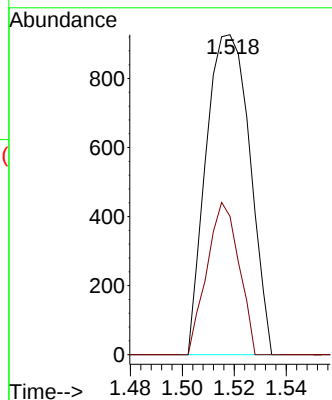
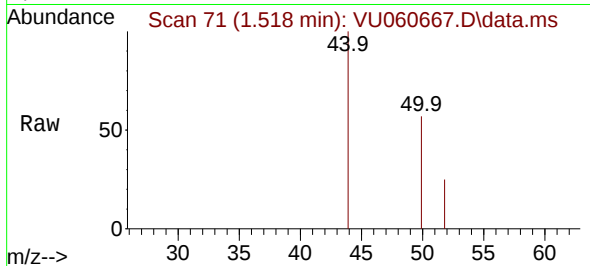




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060667.D
Acq: 10 Sep 2024 15:26

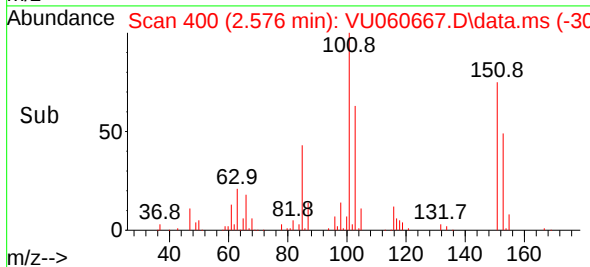
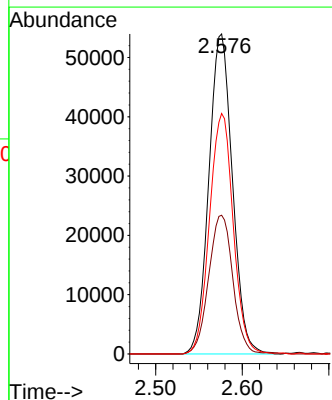
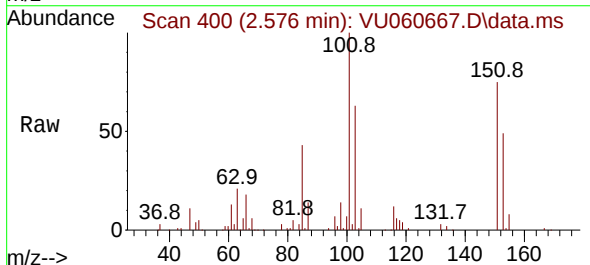
Instrument :
MSVOA_U
ClientSampleId :

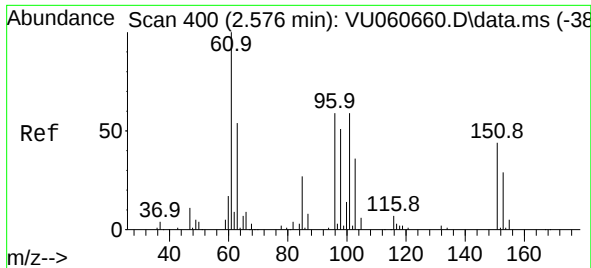
Tgt Ion: 50 Resp: 1087
Ion Ratio Lower Upper
50 100
52 43.3 22.7 42.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.658 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060667.D
Acq: 10 Sep 2024 15:26

Tgt Ion:101 Resp: 102029
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 75.8 61.7 92.5

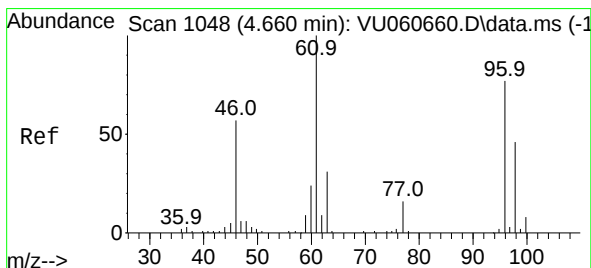
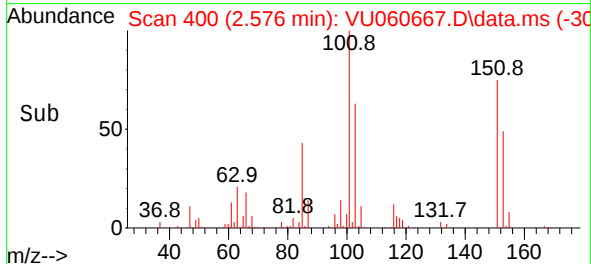
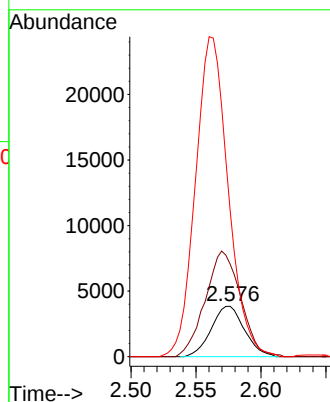
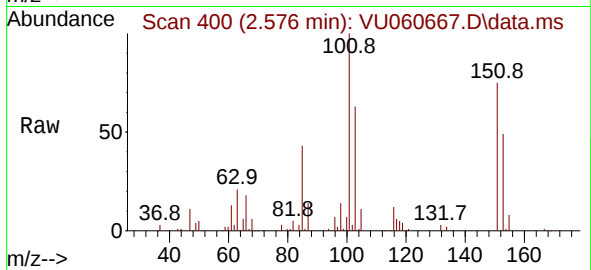




#12
1,1-Dichloroethene
Concen: 0.847 ug/L
RT: 2.576 min Scan# 40
Delta R.T. -0.000 min
Lab File: VU060667.D
Acq: 10 Sep 2024 15:26

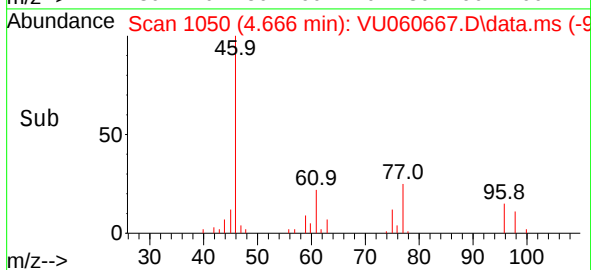
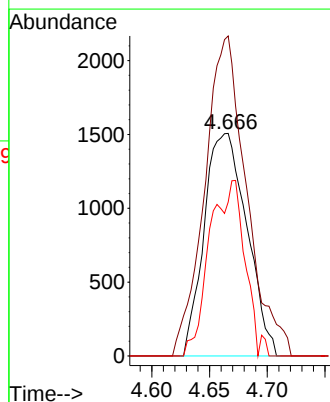
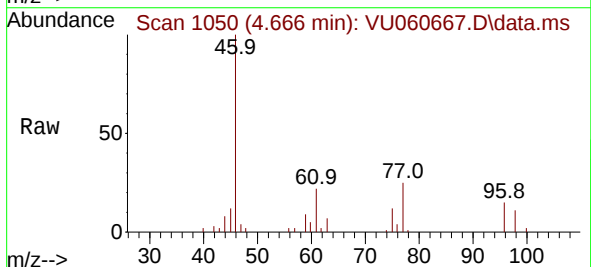
Instrument :
MSVOA_U
ClientSampleId :

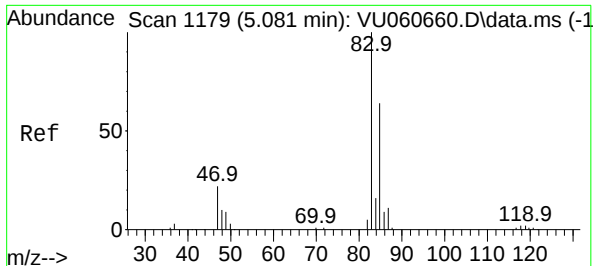
Tgt Ion: 96 Resp: 6823
Ion Ratio Lower Upper
96 100
61 183.9 116.4 216.2
63 291.0 74.8 139.0#



#22
cis-1,2-Dichloroethene
Concen: 0.495 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU060667.D
Acq: 10 Sep 2024 15:26

Tgt Ion: 96 Resp: 3867
Ion Ratio Lower Upper
96 100
61 143.8 92.9 172.5
98 69.1 45.0 83.6





#25

Chloroform

Concen: 0.230 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.007 min

Lab File: VU060667.D

Acq: 10 Sep 2024 15:26

Instrument :

MSVOA_U

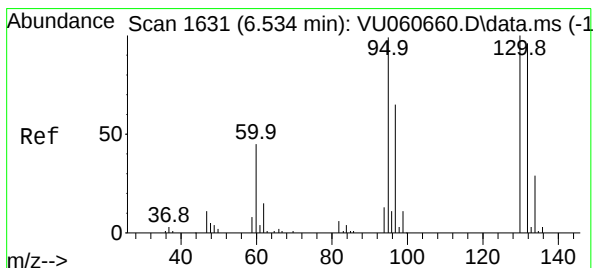
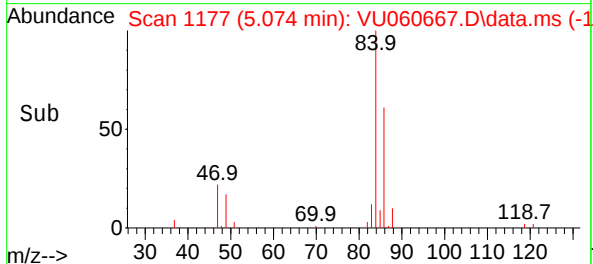
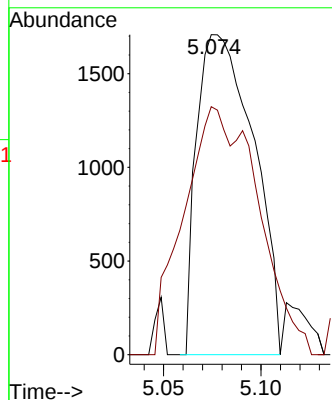
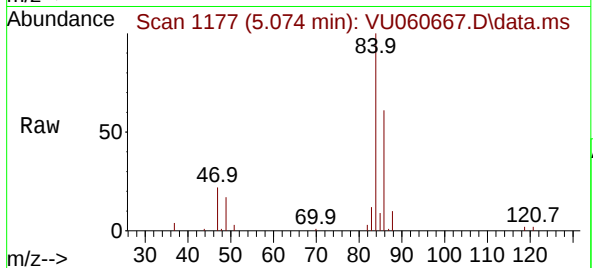
ClientSampleId :

Tgt Ion: 83 Resp: 3459

Ion Ratio Lower Upper

83 100

85 77.5 46.4 86.2



#34

Trichloroethene

Concen: 3.137 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU060667.D

Acq: 10 Sep 2024 15:26

Tgt Ion: 95 Resp: 28781

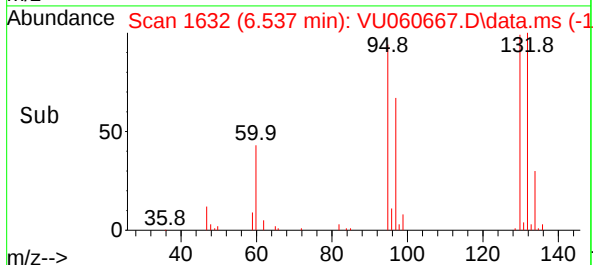
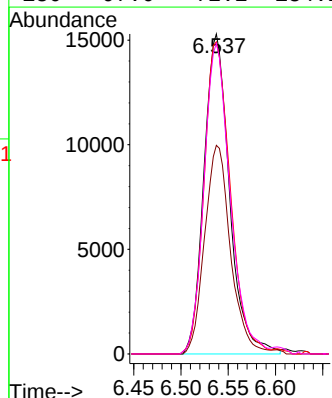
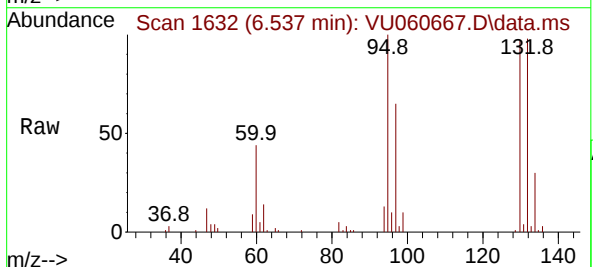
Ion Ratio Lower Upper

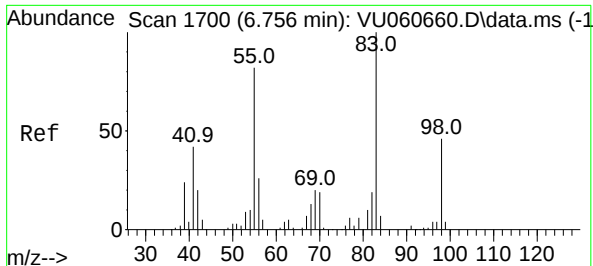
95 100

97 65.2 45.8 85.2

132 97.5 67.4 125.2

130 97.0 72.2 134.2





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060667.D

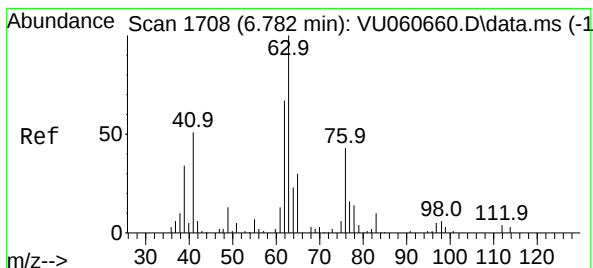
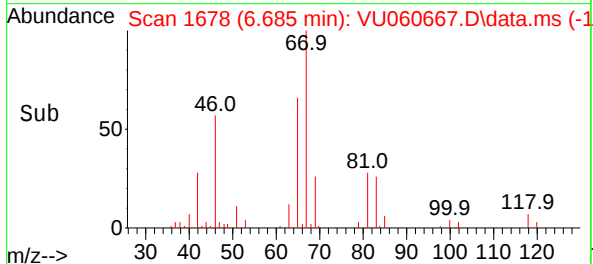
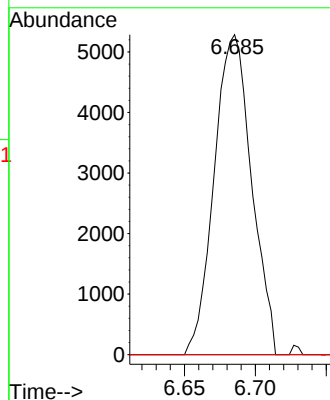
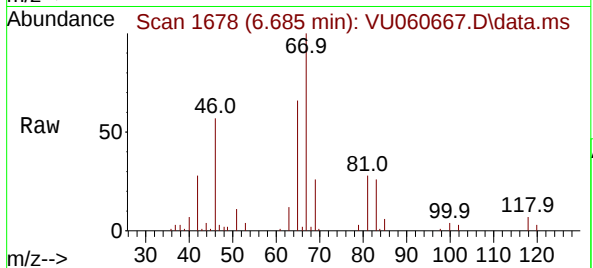
Acq: 10 Sep 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9715
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: 0.508 ug/L

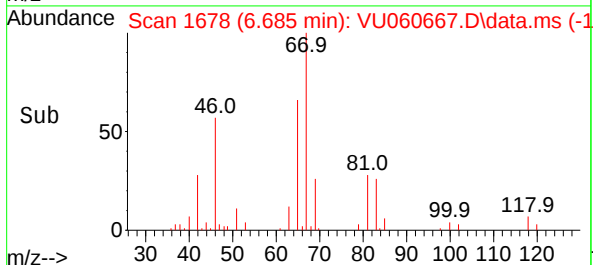
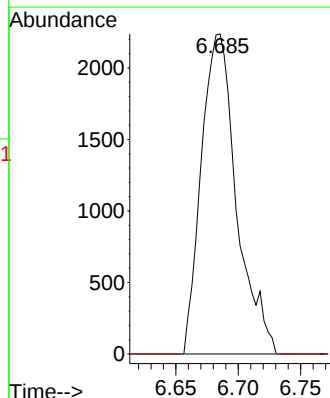
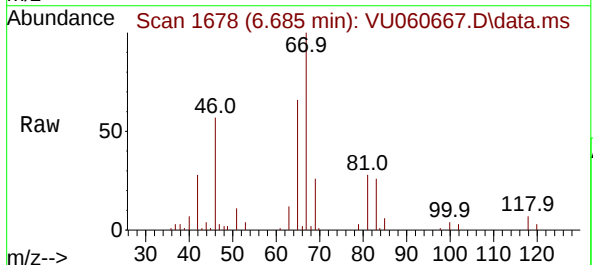
RT: 6.685 min Scan# 1678

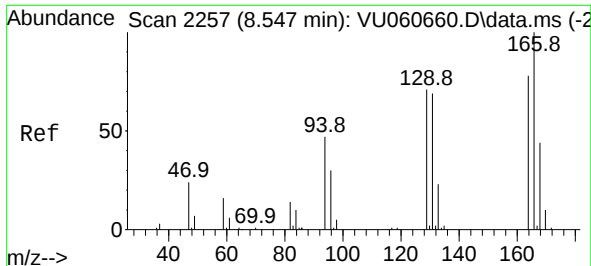
Delta R.T. -0.097 min

Lab File: VU060667.D

Acq: 10 Sep 2024 15:26

Tgt Ion: 63	Resp:	4404
Ion Ratio	Lower	Upper
63	100	
112	0.0	2.3 3.5#





#47

Tetrachloroethene

Concen: 0.611 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

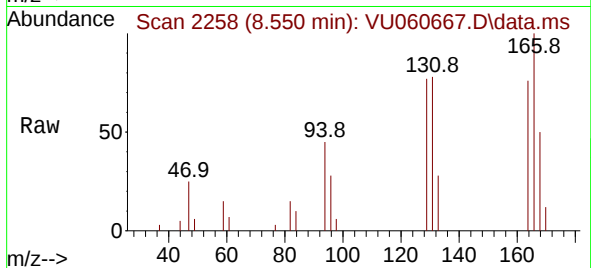
Lab File: VU060667.D

Acq: 10 Sep 2024 15:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4595

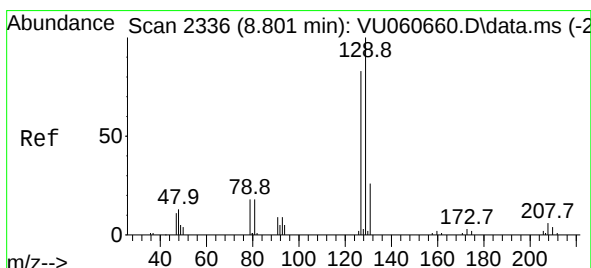
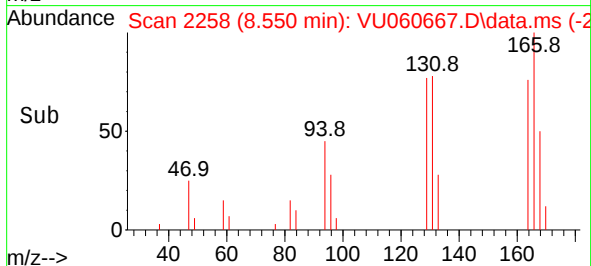
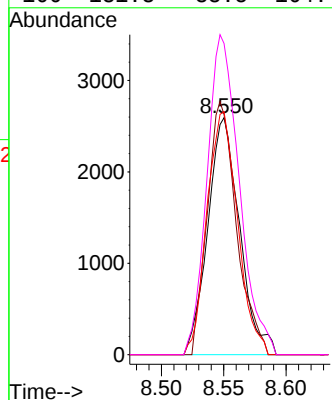
Ion Ratio Lower Upper

164 100

129 101.2 67.8 125.8

131 102.5 67.2 124.8

166 131.3 88.5 164.4



#49

Dibromochloromethane

Concen: 0.622 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060667.D

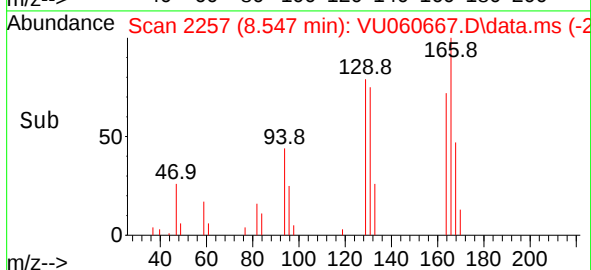
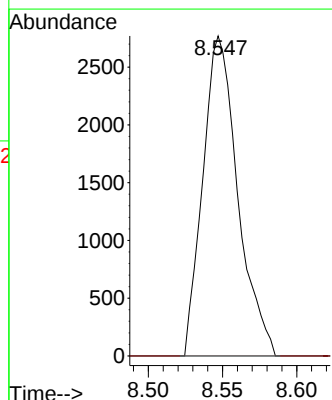
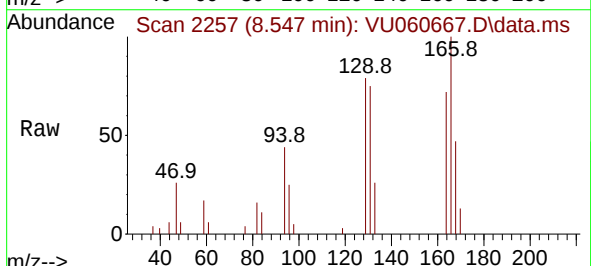
Acq: 10 Sep 2024 15:26

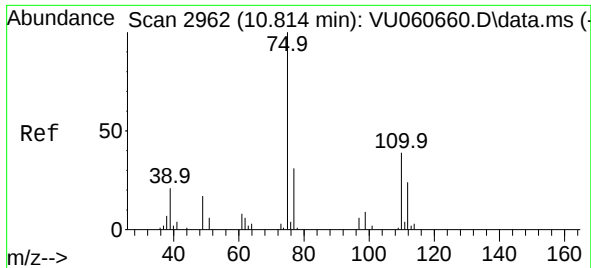
Tgt Ion:129 Resp: 4526

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#





#61

1,2,3-Trichloropropane

Concen: 1.144 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.993 min

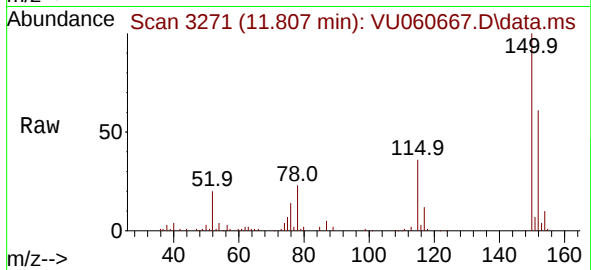
Lab File: VU060667.D

Acq: 10 Sep 2024 15:26

Instrument :

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ClientSampleId :



Tgt Ion:	75	Resp:	4918
Ion	Ratio	Lower	Upper
75	100		
110	2.9	30.2	45.4#
77	33.6	25.4	38.2

