

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092424\
 Data File : VU060991.D
 Acq On : 24 Sep 2024 12:27
 Operator : MD/SY
 Sample : P4092-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 04:47:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
 Response via : Initial Calibration

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

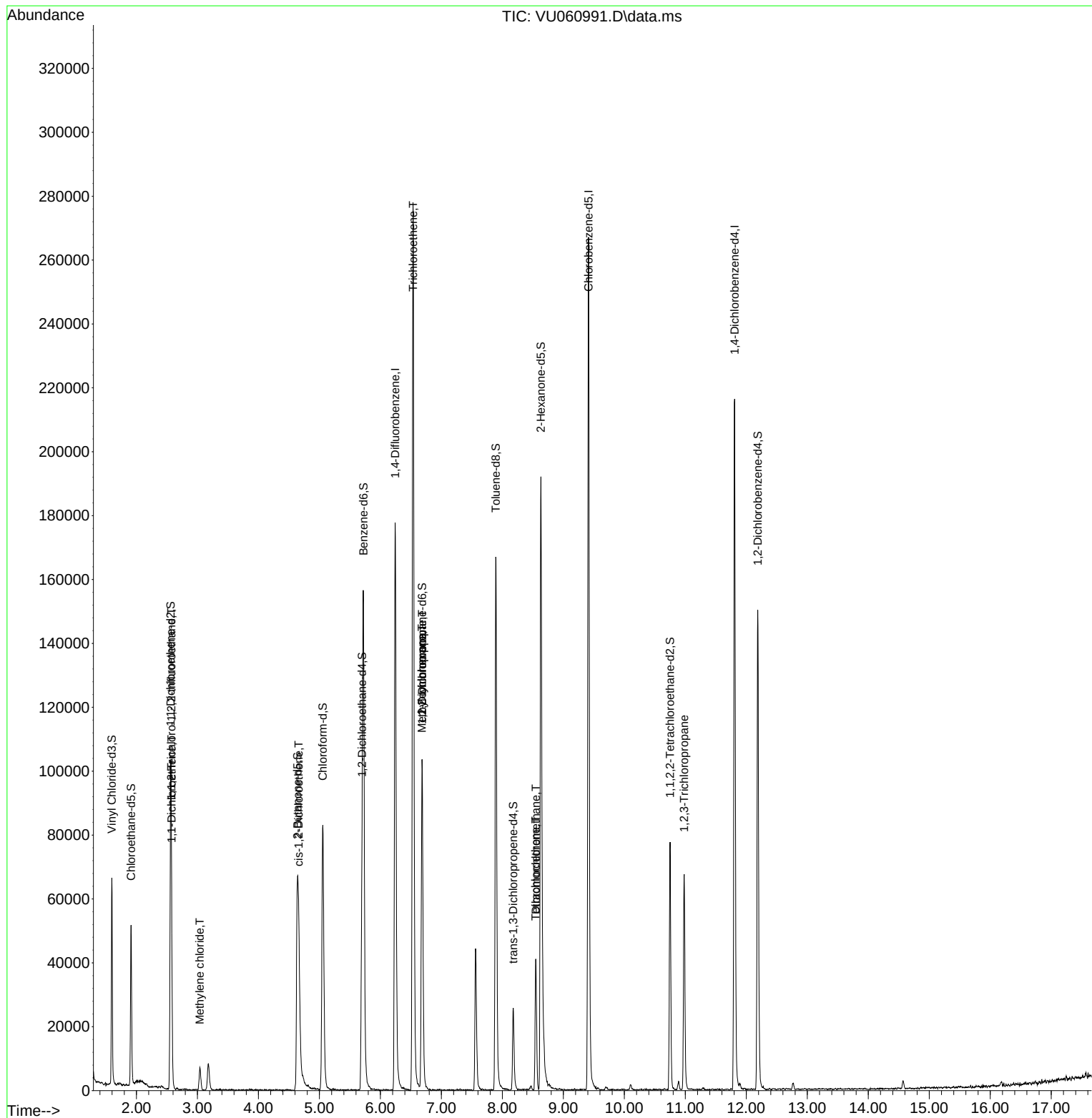
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47404	3.517	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.911	69	38046	3.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.560	65	17434	3.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.637	46	87130	40.266	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.540%
24) Chloroform-d	5.055	84	82078	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.698	65	40488	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.721	84	150337	3.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.682	67	53082	4.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.891	98	120093	3.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	8.177	79	16693	3.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.631	63	68244	36.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40511	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	43009	4.111	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5551	0.538	ug/L	92
12) 1,1-Dichloroethene	2.576	96	5889	0.625	ug/L #	1
16) Methylene chloride	3.036	84	3825	0.350	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	14267	1.320	ug/L	97
34) Trichloroethene	6.534	95	98860	8.624	ug/L	98
35) Methylcyclohexane	6.679	83	12175	0.774	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	5366	0.445	ug/L #	93
47) Tetrachloroethene	8.544	164	9785	1.074	ug/L	98
49) Dibromochloromethane	8.547	129	9550	0.964	ug/L #	9
61) 1,2,3-Trichloropropane	10.978	75	866	0.149	ug/L #	40

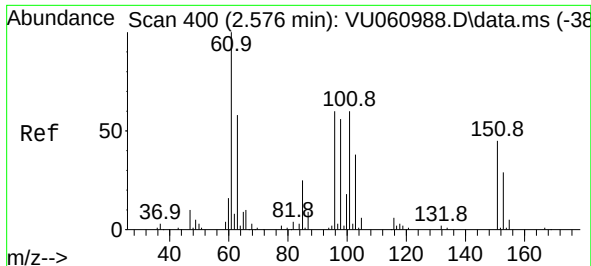
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 25 04:46:41 2024
Response via : Initial Calibration

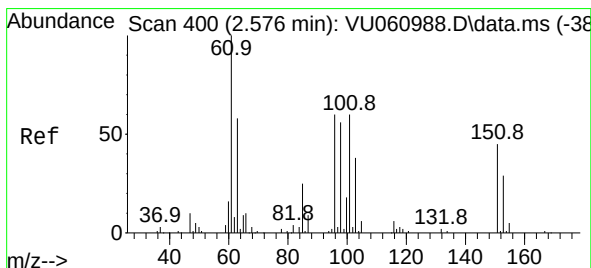
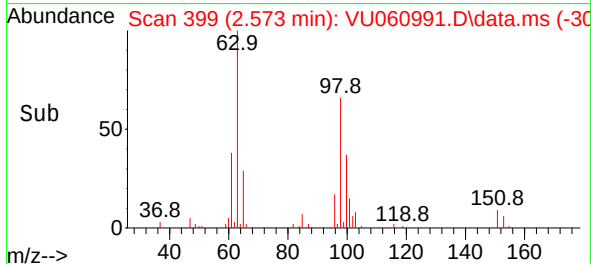
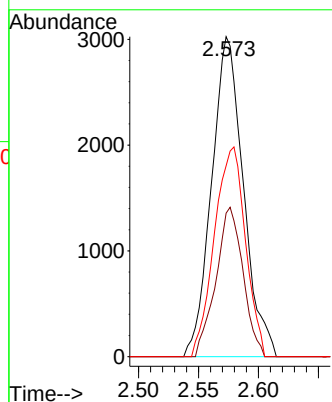
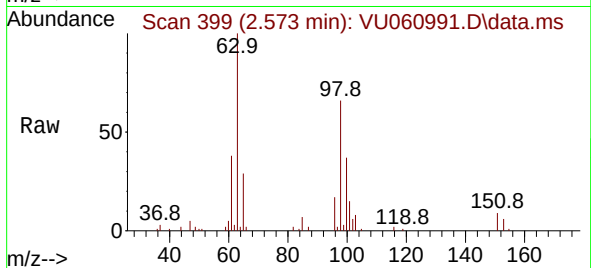




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.538 ug/L
 RT: 2.573 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VU060991.D
 Acq: 24 Sep 2024 12:27

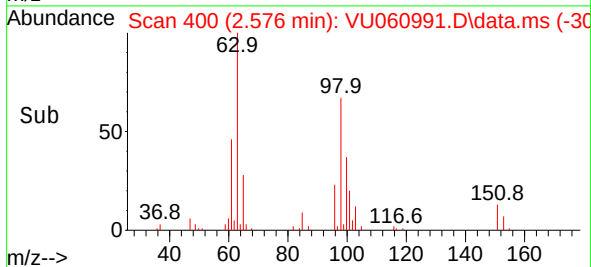
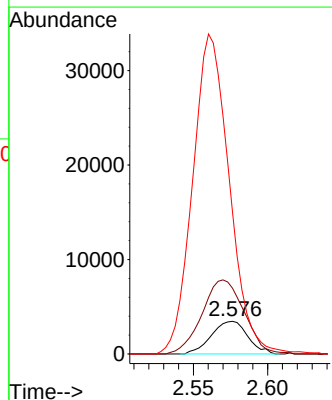
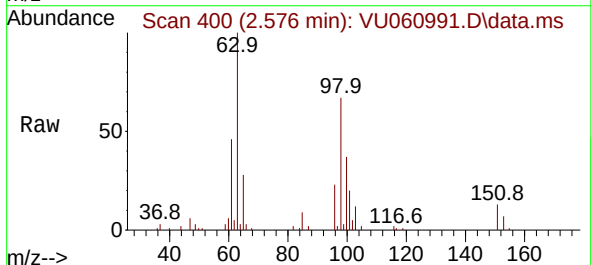
Instrument :
 MSVOA_U
 ClientSampleId :

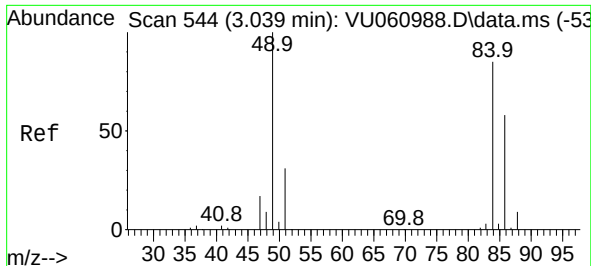
Tgt Ion:101 Resp: 5551
 Ion Ratio Lower Upper
 101 100
 85 39.9 34.2 51.4
 151 64.3 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 0.625 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060991.D
 Acq: 24 Sep 2024 12:27

Tgt Ion: 96 Resp: 5889
 Ion Ratio Lower Upper
 96 100
 61 185.6 120.7 224.1
 63 400.2 90.0 167.2#





#16

Methylene chloride

Concen: 0.350 ug/L

RT: 3.036 min Scan# 544

Delta R.T. -0.003 min

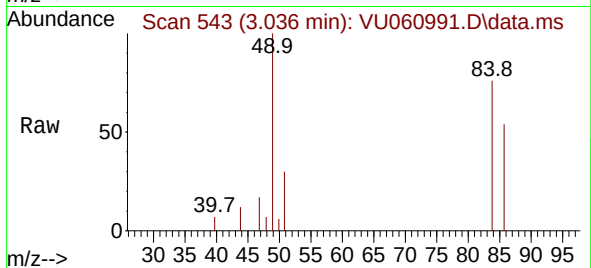
Lab File: VU060991.D

Acq: 24 Sep 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :



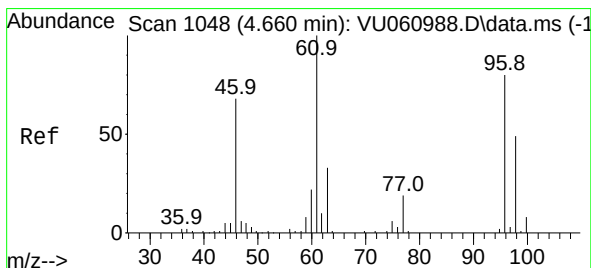
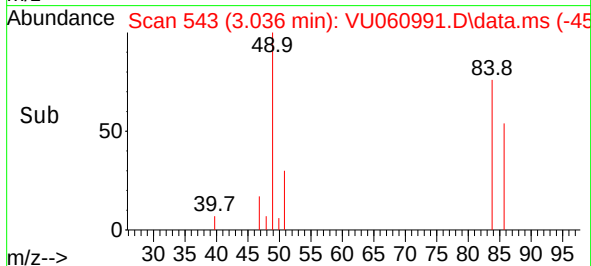
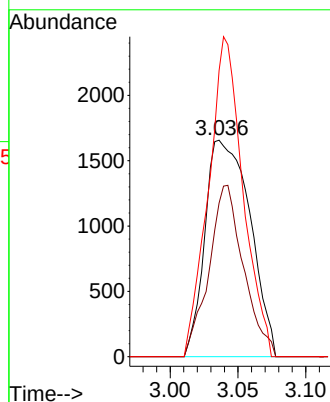
Tgt Ion: 84 Resp: 3825

Ion Ratio Lower Upper

84 100

86 71.0 47.3 87.8

49 132.2 78.7 146.1



#22

cis-1,2-Dichloroethene

Concen: 1.320 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060991.D

Acq: 24 Sep 2024 12:27

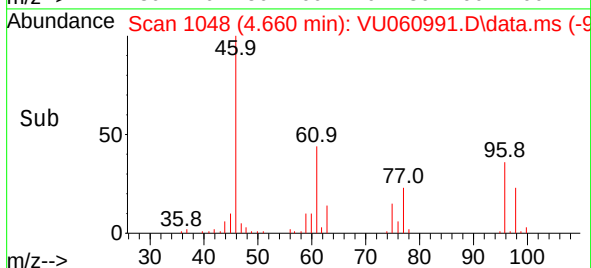
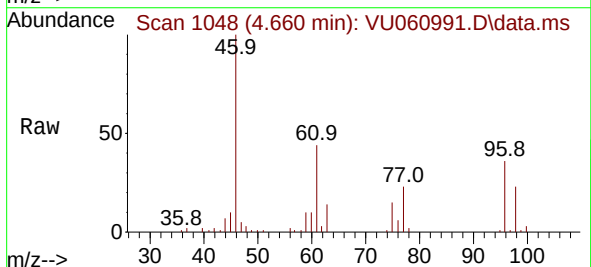
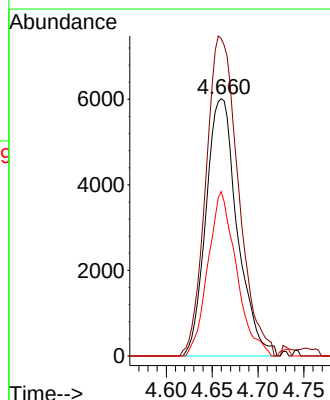
Tgt Ion: 96 Resp: 14267

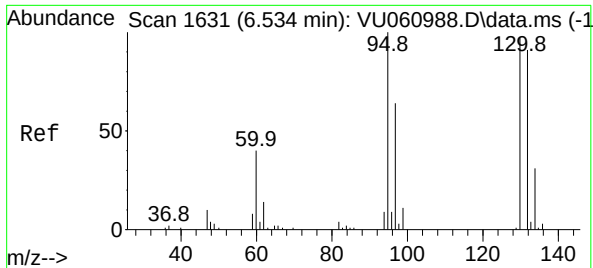
Ion Ratio Lower Upper

96 100

61 123.3 89.7 166.5

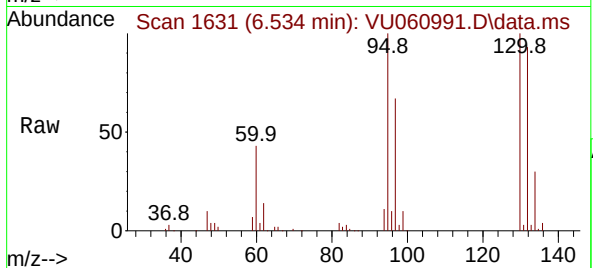
98 63.9 45.1 83.9



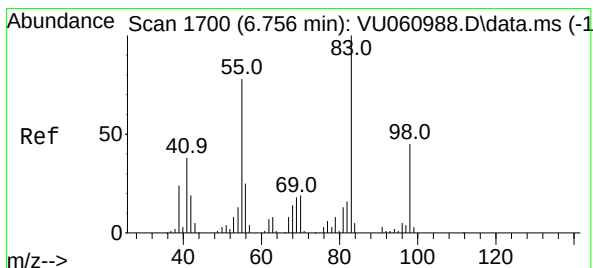
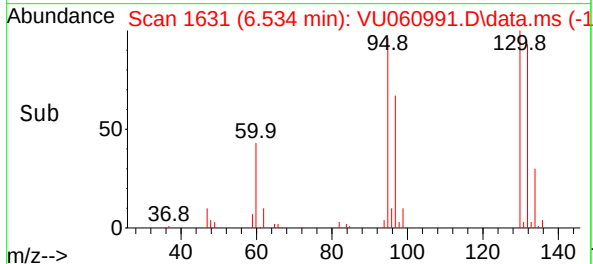
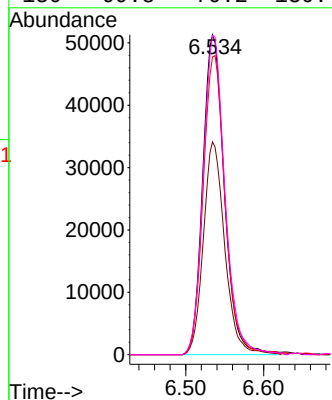


#34
Trichloroethene
Concen: 8.624 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060991.D
Acq: 24 Sep 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

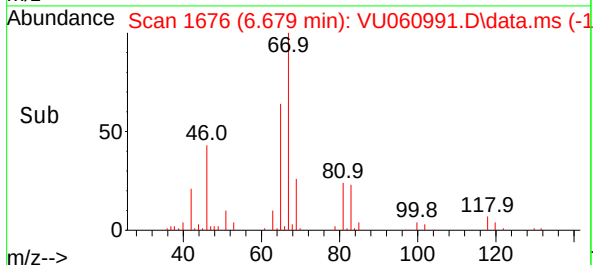
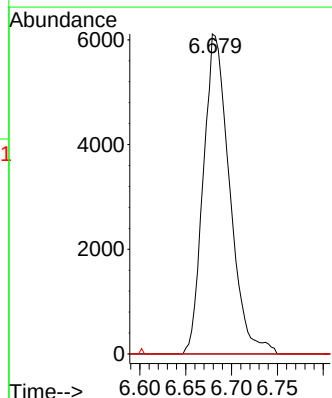
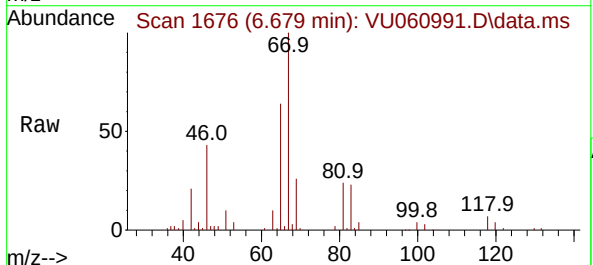


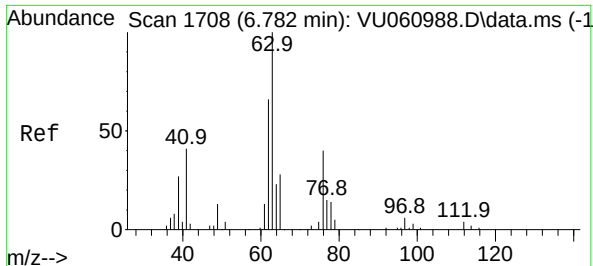
Tgt Ion:	95	Resp:	98860
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.9	83.5
132	93.1	63.5	117.9
130	99.8	70.2	130.4



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU060991.D
Acq: 24 Sep 2024 12:27

Tgt Ion:	83	Resp:	12175
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	37.6	56.4#





#37

1,2-Dichloropropane

Concen: 0.445 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU060991.D

Acq: 24 Sep 2024 12:27

Instrument :

MSVOA_U

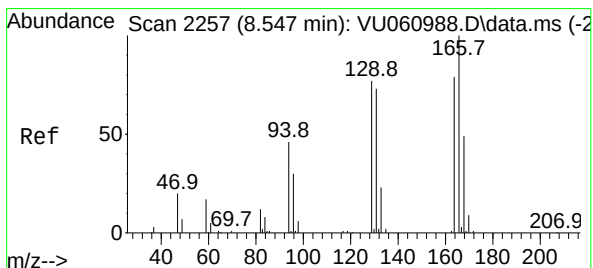
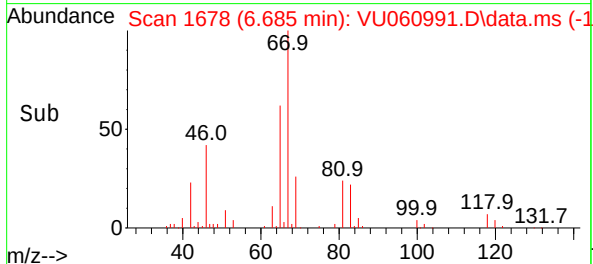
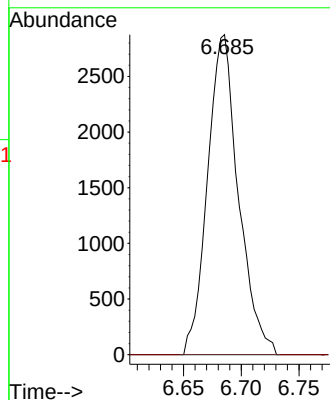
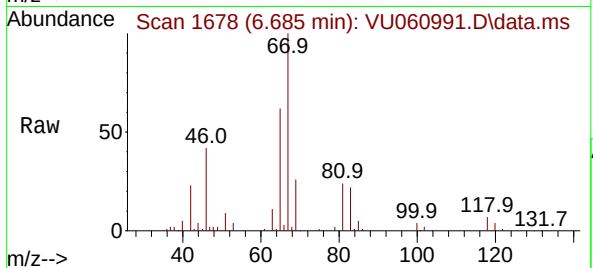
ClientSampleId :

Tgt Ion: 63 Resp: 5366

Ion Ratio Lower Upper

63 100

112 0.0 2.0 3.0#



#47

Tetrachloroethene

Concen: 1.074 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU060991.D

Acq: 24 Sep 2024 12:27

Tgt Ion: 164 Resp: 9785

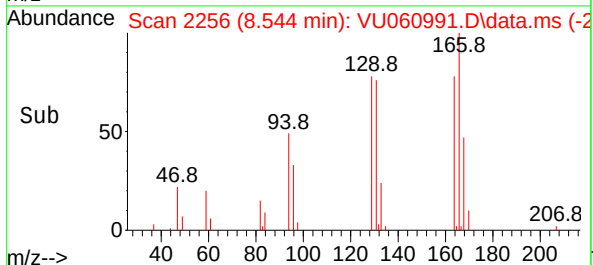
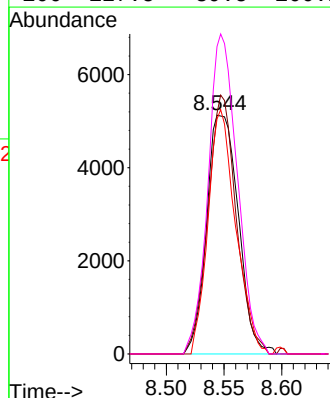
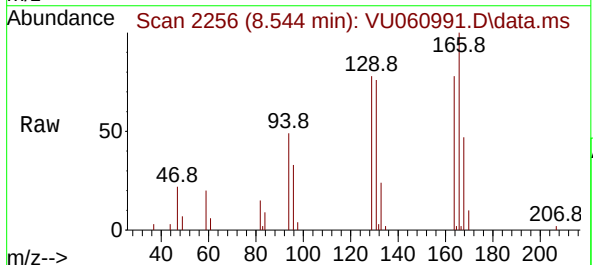
Ion Ratio Lower Upper

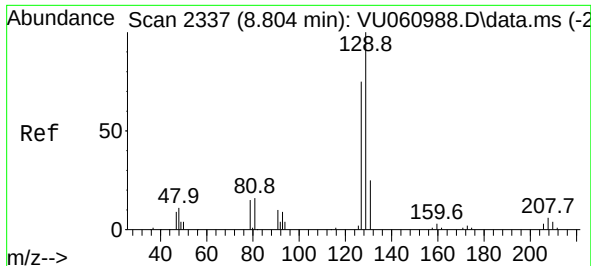
164 100

129 98.3 67.3 124.9

131 96.0 65.4 121.4

166 127.5 89.5 166.1





#49

Dibromochloromethane

Concen: 0.964 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060991.D

Acq: 24 Sep 2024 12:27

Instrument :

MSVOA_U

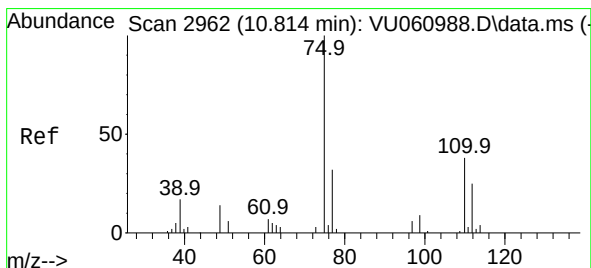
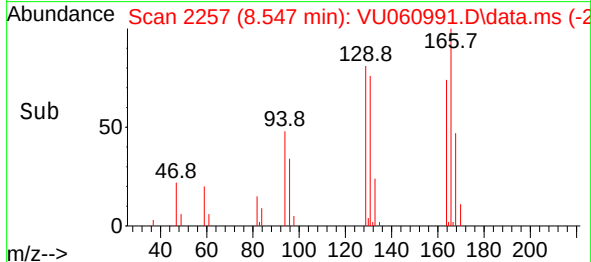
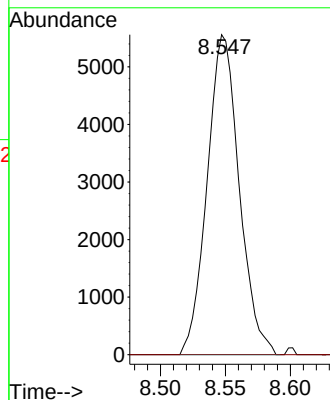
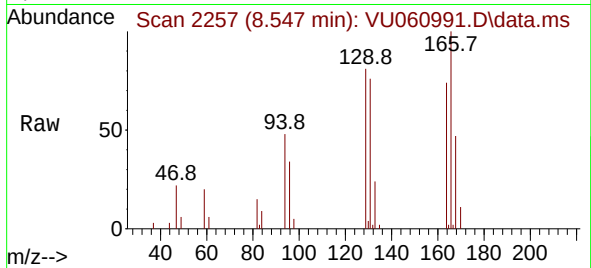
ClientSampleId :

Tgt Ion:129 Resp: 9550

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 0.149 ug/L

RT: 10.978 min Scan# 3013

Delta R.T. 0.164 min

Lab File: VU060991.D

Acq: 24 Sep 2024 12:27

Tgt Ion: 75 Resp: 866

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 0.0 26.3 39.5#

