

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060666.D
 Acq On : 10 Sep 2024 15:02
 Operator : MD/SY
 Sample : P3918-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:48:13 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)

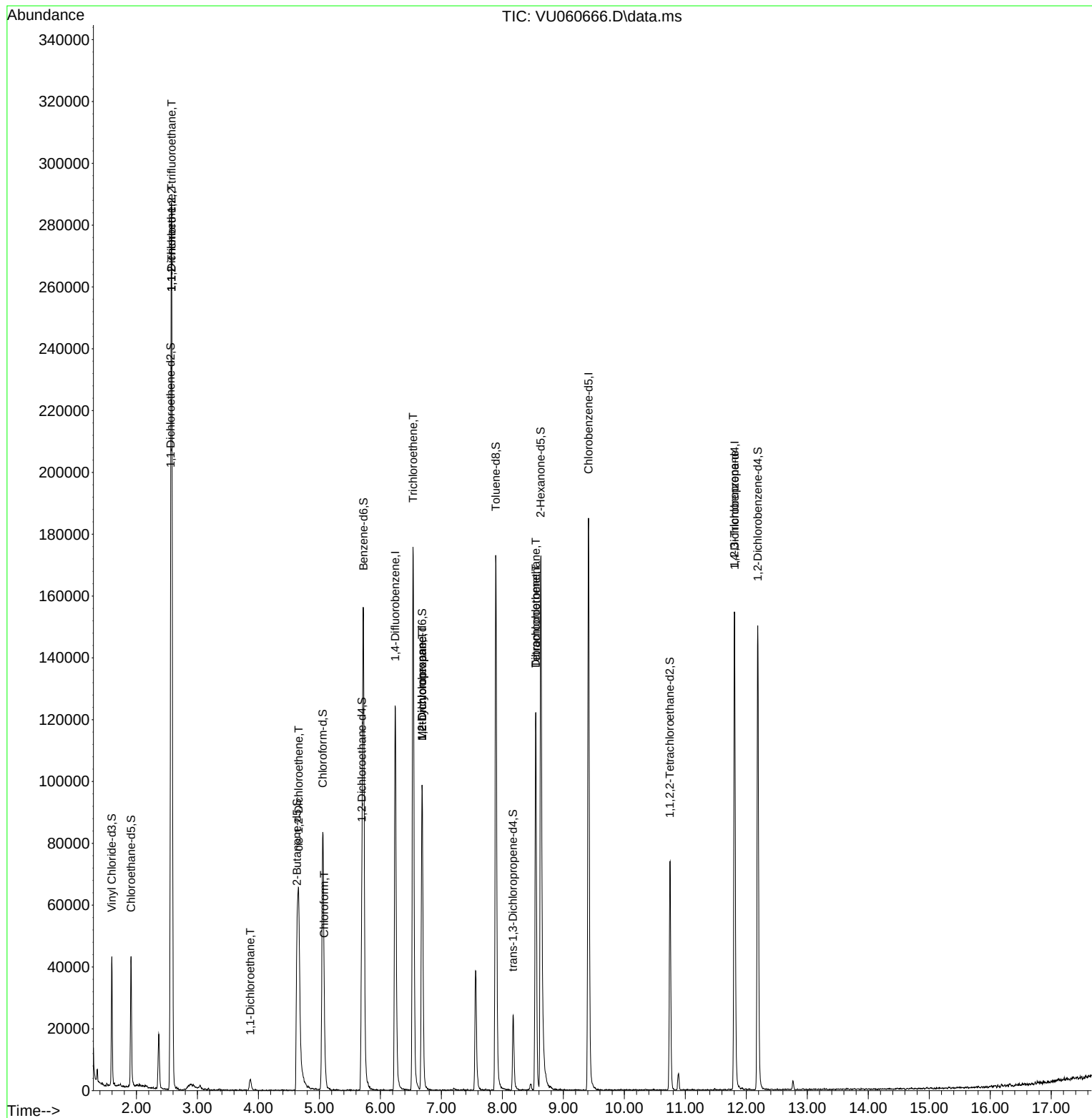
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	105597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	110750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28590	6.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.600%
7) Chloroethane-d5	1.911	69	31493	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	14369	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	4.631	46	85927	53.576	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.160%
24) Chloroform-d	5.055	84	79588	5.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.800%
26) 1,2-Dichloroethane-d4	5.695	65	42970	6.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.800%
32) Benzene-d6	5.721	84	148466	6.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.600%
36) 1,2-Dichloropropane-d6	6.682	67	48954	6.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.400%
41) Toluene-d8	7.891	98	124528	5.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	15798	5.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.000%
46) 2-Hexanone-d5	8.627	63	61896	46.235	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	37435	5.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	43434	6.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.800%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	85078	9.048	ug/L	99
12) 1,1-Dichloroethene	2.573	96	11443	1.322	ug/L #	16
19) 1,1-Dichloroethane	3.866	63	4938	0.323	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	22546	2.685	ug/L	94
25) Chloroform	5.078	83	7949	0.492	ug/L	97
34) Trichloroethene	6.534	95	62075	6.519	ug/L	96
35) Methylcyclohexane	6.682	83	11987	0.918	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	5906	0.656	ug/L #	91
47) Tetrachloroethene	8.547	164	27201	3.485	ug/L	93
49) Dibromochloromethane	8.547	129	26528	3.514	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	4858	1.083	ug/L #	58

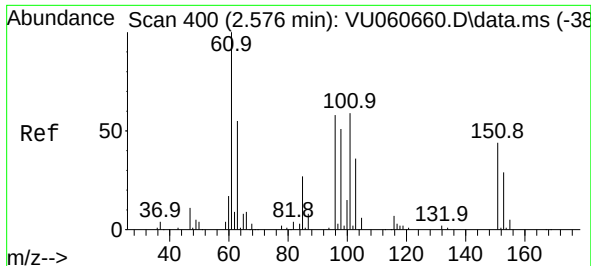
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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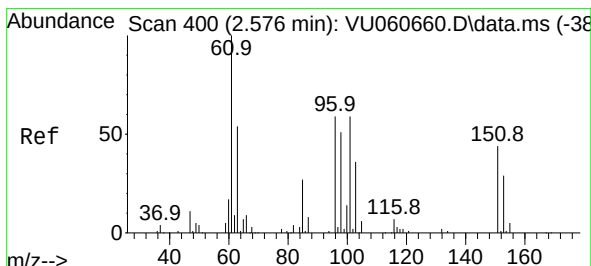
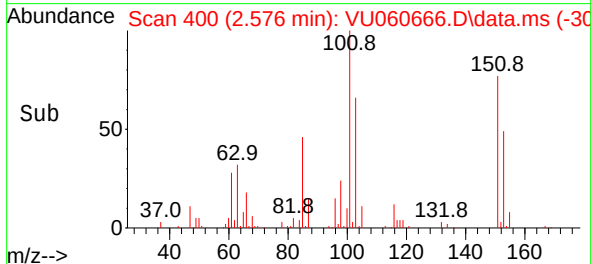
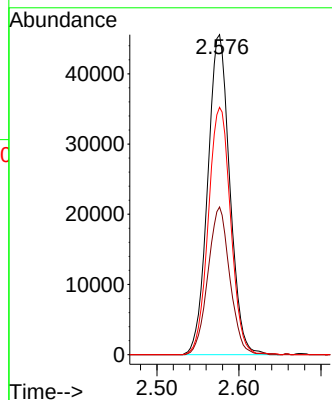
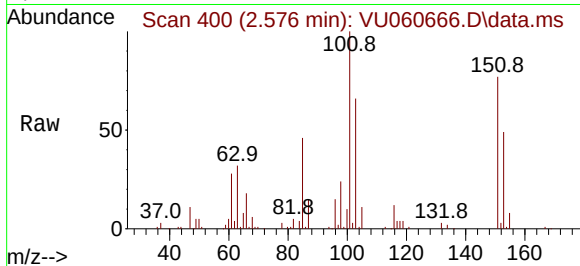




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.048 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060666.D
 Acq: 10 Sep 2024 15:02

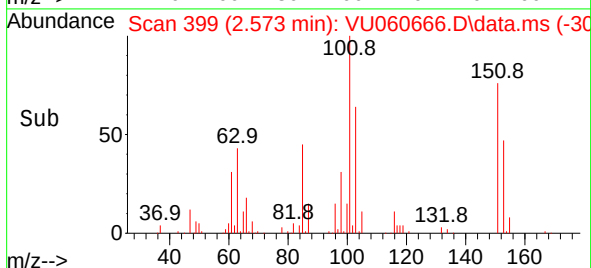
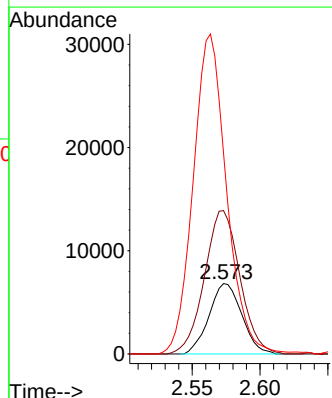
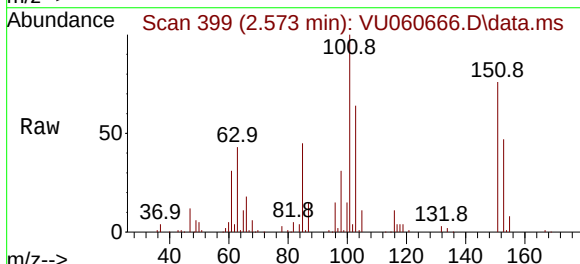
Instrument :
 MSVOA_U
 ClientSampleId :

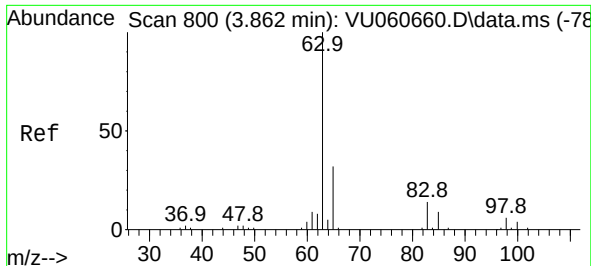
Tgt Ion:101 Resp: 85078
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.8 53.6
 151 78.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 1.322 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060666.D
 Acq: 10 Sep 2024 15:02

Tgt Ion: 96 Resp: 11443
 Ion Ratio Lower Upper
 96 100
 61 203.6 116.4 216.2
 63 285.0 74.8 139.0#





#19

1,1-Dichloroethane

Concen: 0.323 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU060666.D

Acq: 10 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

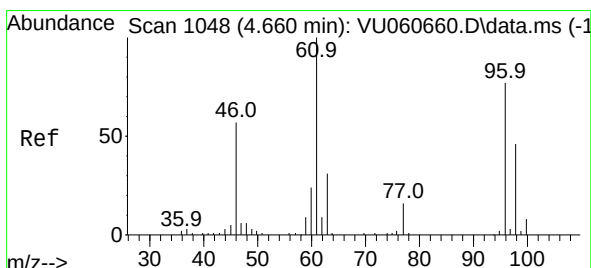
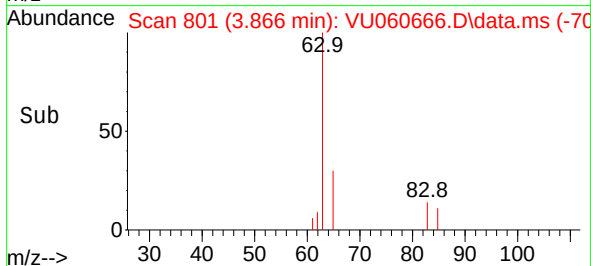
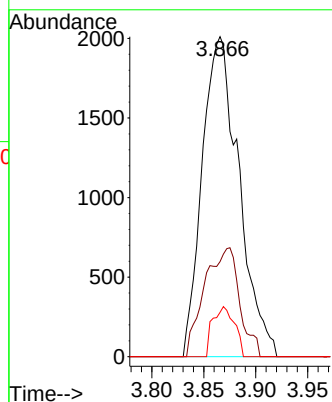
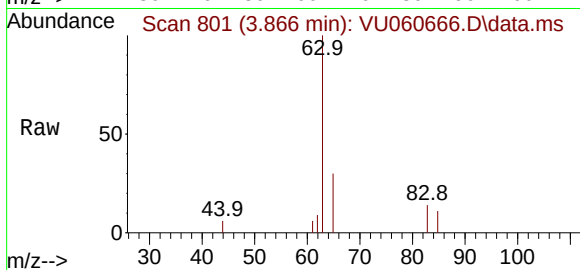
Tgt Ion: 63 Resp: 4938

Ion Ratio Lower Upper

63 100

65 29.7 20.5 38.1

83 13.9 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 2.685 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060666.D

Acq: 10 Sep 2024 15:02

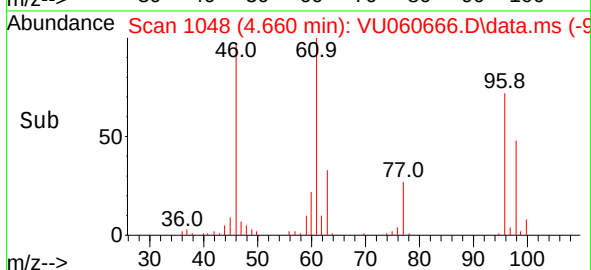
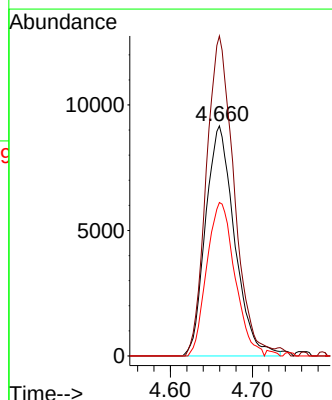
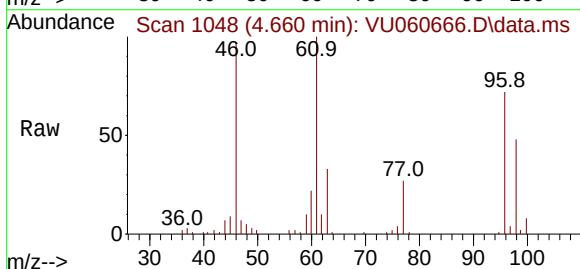
Tgt Ion: 96 Resp: 22546

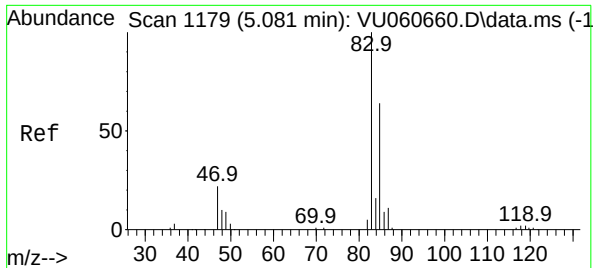
Ion Ratio Lower Upper

96 100

61 139.1 92.9 172.5

98 68.9 45.0 83.6





#25

Chloroform

Concen: 0.492 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060666.D

Acq: 10 Sep 2024 15:02

Instrument :

MSVOA_U

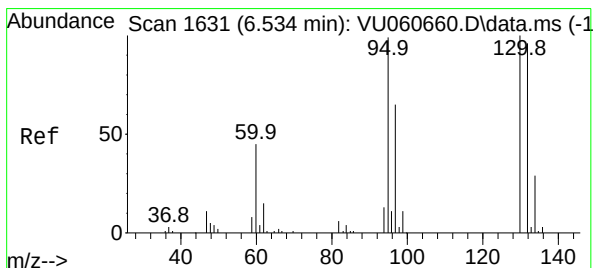
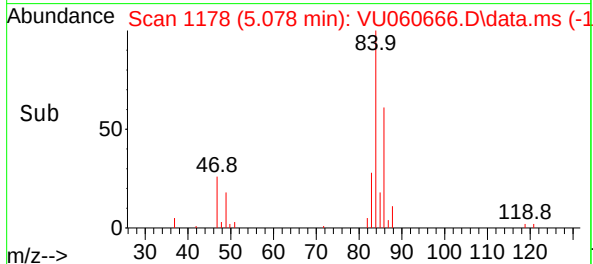
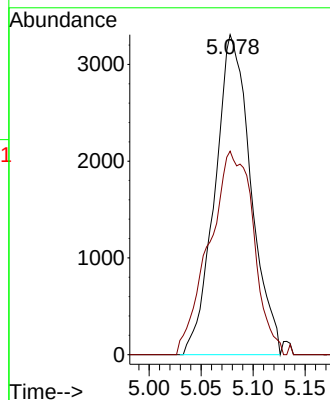
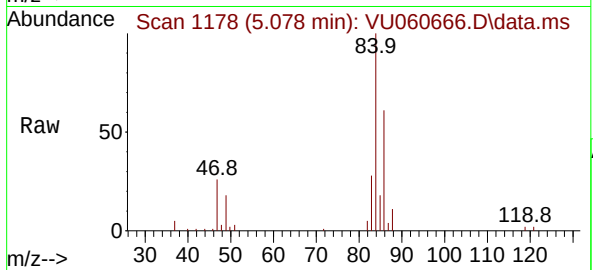
ClientSampleId :

Tgt Ion: 83 Resp: 7949

Ion Ratio Lower Upper

83 100

85 63.6 46.4 86.2



#34

Trichloroethene

Concen: 6.519 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU060666.D

Acq: 10 Sep 2024 15:02

Tgt Ion: 95 Resp: 62075

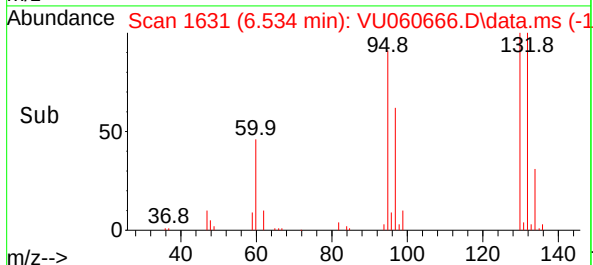
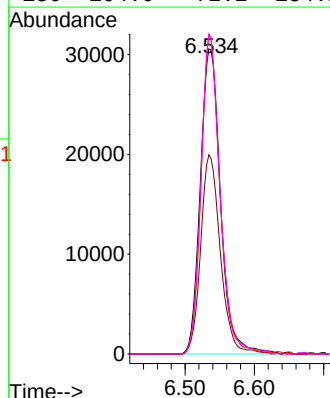
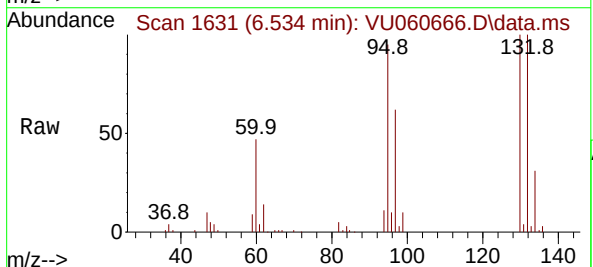
Ion Ratio Lower Upper

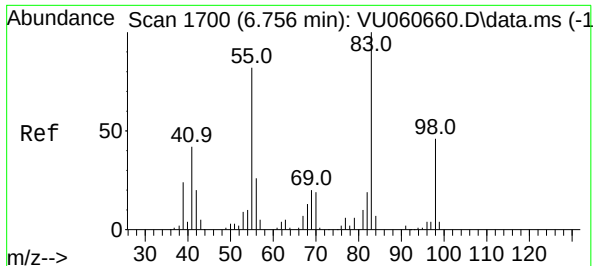
95 100

97 65.2 45.8 85.2

132 104.5 67.4 125.2

130 104.9 72.2 134.2





#35

Methylcyclohexane

Concen: 0.918 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060666.D

Acq: 10 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :

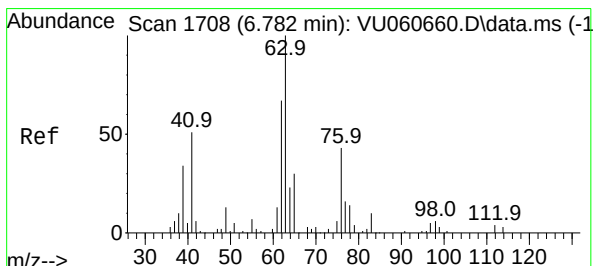
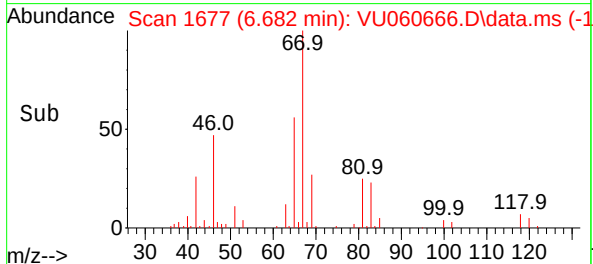
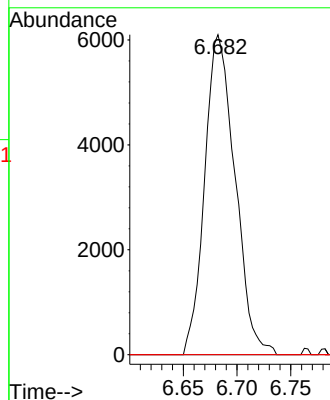
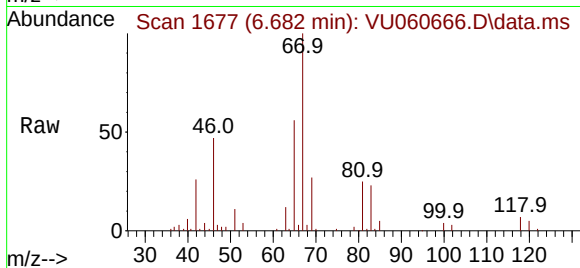
Tgt Ion: 83 Resp: 11987

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: 0.656 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU060666.D

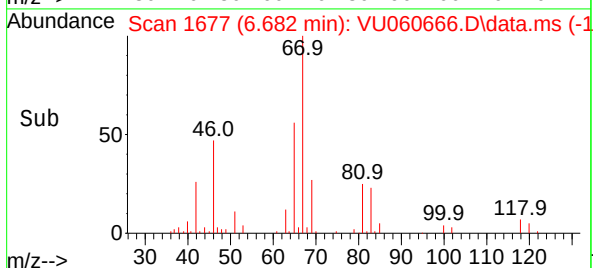
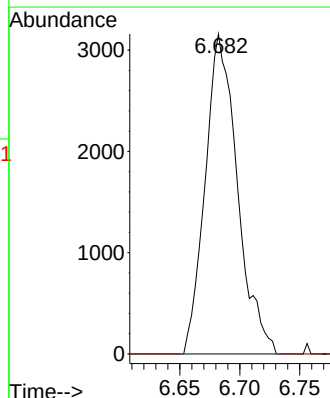
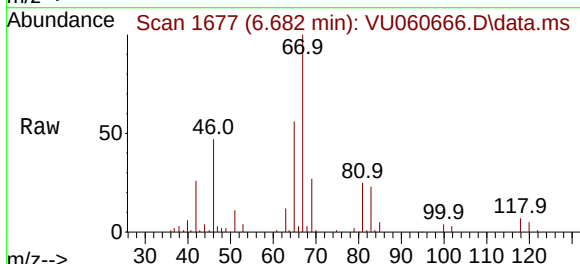
Acq: 10 Sep 2024 15:02

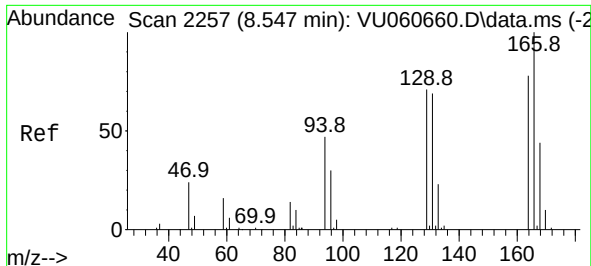
Tgt Ion: 63 Resp: 5906

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#47

Tetrachloroethene

Concen: 3.485 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

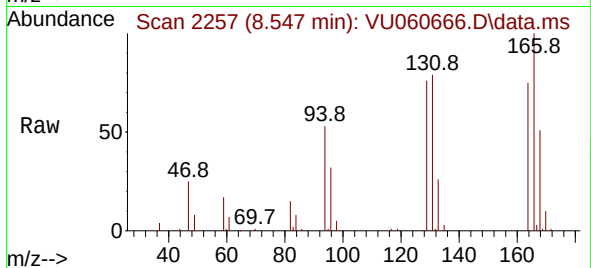
Lab File: VU060666.D

Acq: 10 Sep 2024 15:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 27201

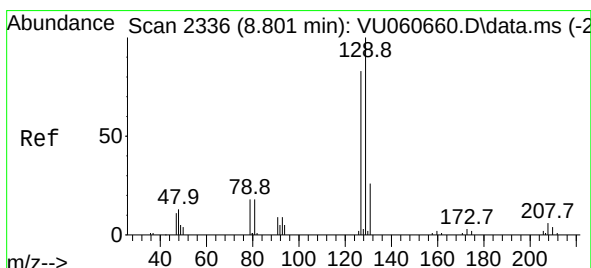
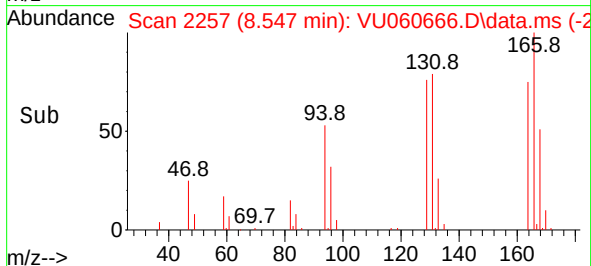
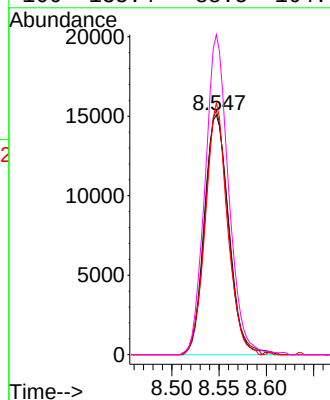
Ion Ratio Lower Upper

164 100

129 102.0 67.8 125.8

131 105.0 67.2 124.8

166 133.4 88.5 164.4



#49

Dibromochloromethane

Concen: 3.514 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060666.D

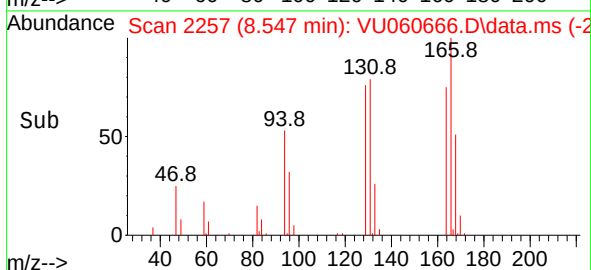
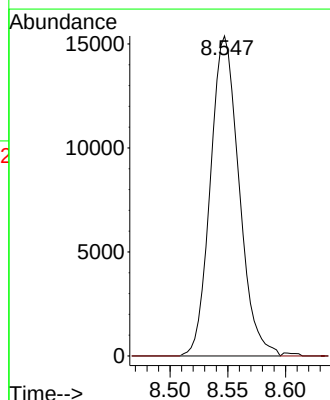
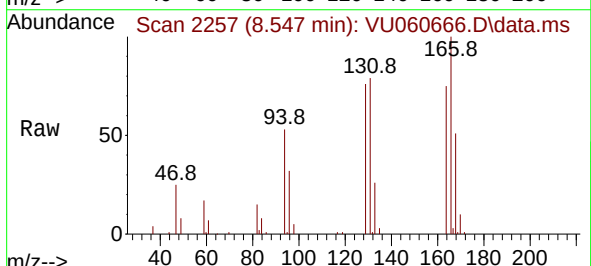
Acq: 10 Sep 2024 15:02

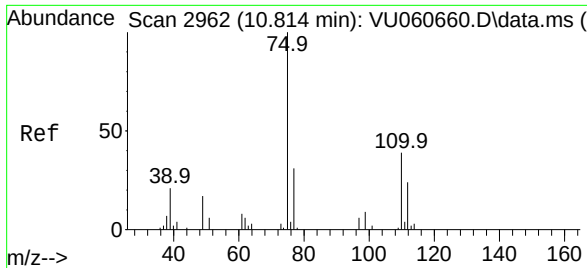
Tgt Ion:129 Resp: 26528

Ion Ratio Lower Upper

129 100

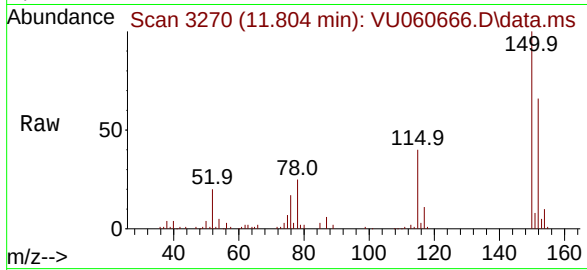
127 0.0 53.0 98.4#





#61
1,2,3-Trichloropropane
Concen: 1.083 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060666.D
Acq: 10 Sep 2024 15:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.1	30.2	45.4#
77	43.0	25.4	38.2#

