

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060621.D
 Acq On : 05 Sep 2024 13:34
 Operator : MD/SY
 Sample : P3809-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

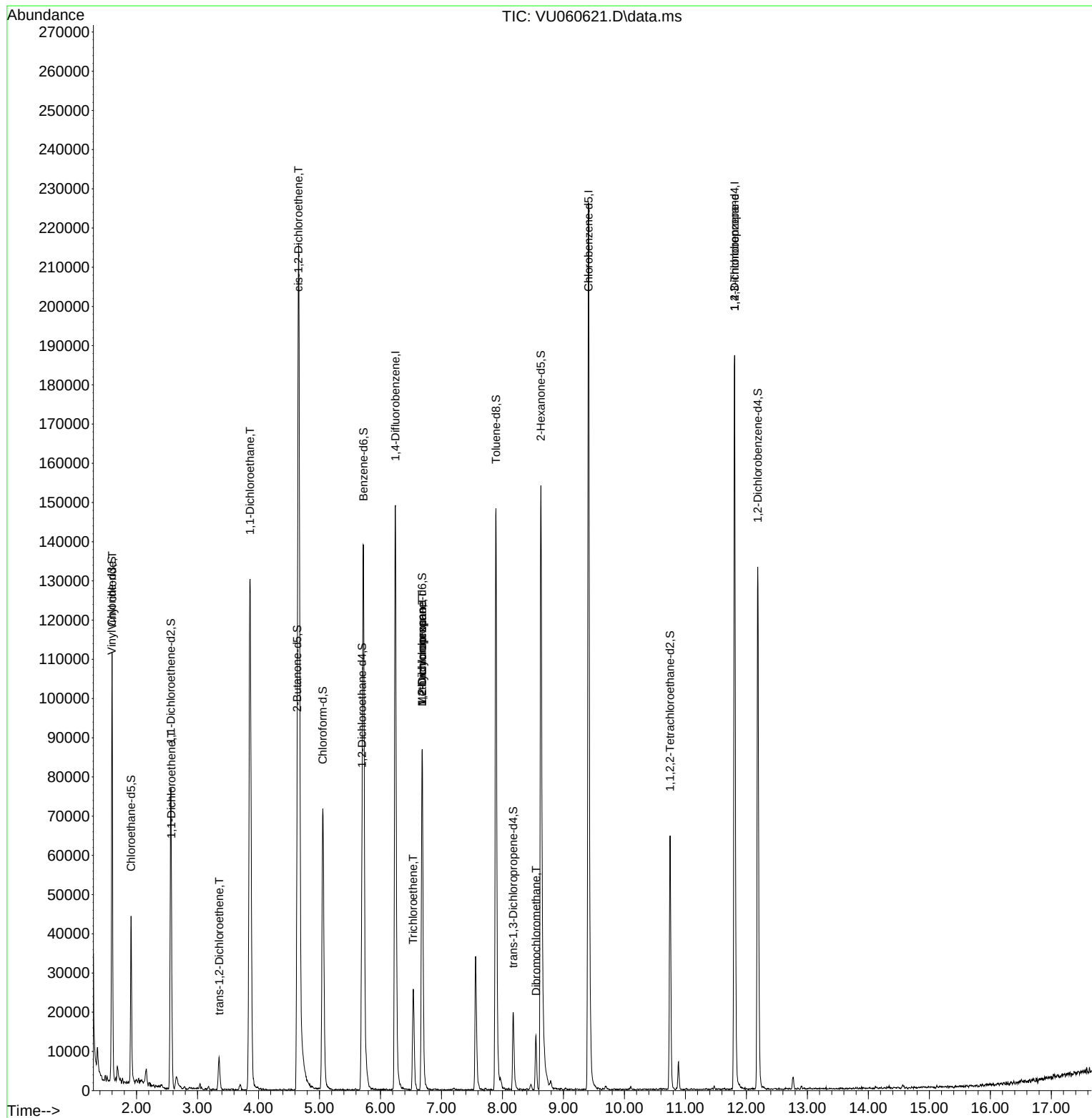
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	124614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30470	5.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.911	69	30694	3.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.563	65	13753	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.634	46	86625	45.768	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.540%
24) Chloroform-d	5.055	84	70810	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.698	65	37113	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	133193	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.685	67	45654	4.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.894	98	108087	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.177	79	12820	3.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.631	63	57104	34.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	34333	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	37489	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
5) Vinyl chloride	1.602	62	48323	4.005	ug/L	97
12) 1,1-Dichloroethene	2.573	96	3598	0.352	ug/L #	1
18) trans-1,2-Dichloroethene	3.357	96	3644	0.410	ug/L	95
19) 1,1-Dichloroethane	3.862	63	156789	8.702	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	106414	10.741	ug/L	97
34) Trichloroethene	6.537	95	9381	0.805	ug/L	96
35) Methylcyclohexane	6.682	83	10019	0.627	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	4548	0.413	ug/L #	91
49) Dibromochloromethane	8.553	129	3131	0.339	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	6603	1.243	ug/L #	65

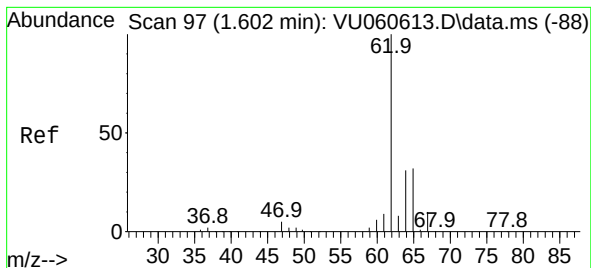
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 06 02:03:06 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.005 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060621.D

Acq: 05 Sep 2024 13:34

Instrument :

MSVOA_U

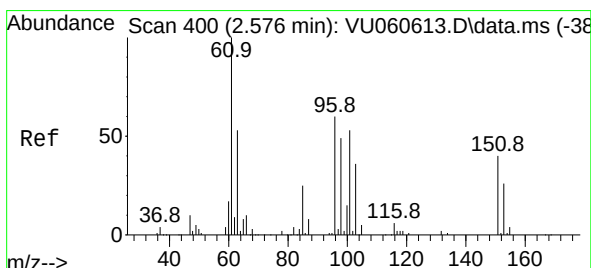
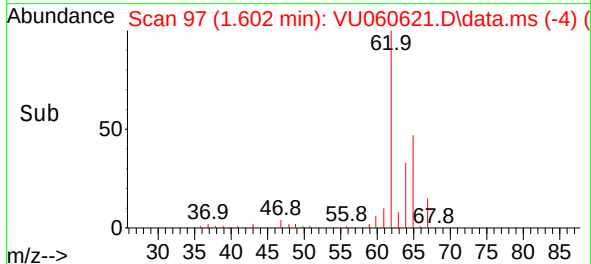
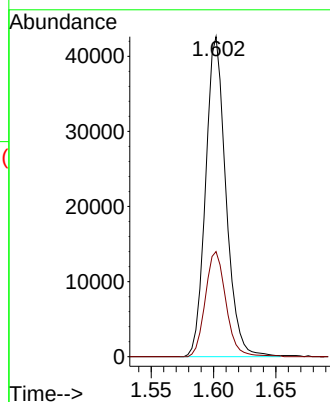
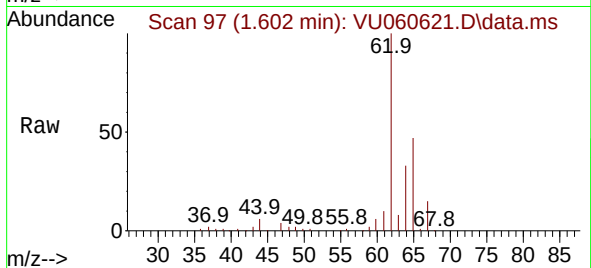
ClientSampleId :

Tgt Ion: 62 Resp: 48323

Ion Ratio Lower Upper

62 100

64 32.8 22.0 40.8



#12

1,1-Dichloroethene

Concen: 0.352 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU060621.D

Acq: 05 Sep 2024 13:34

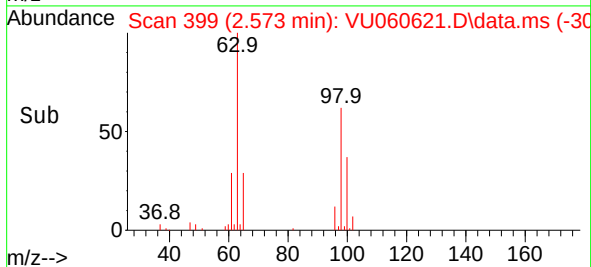
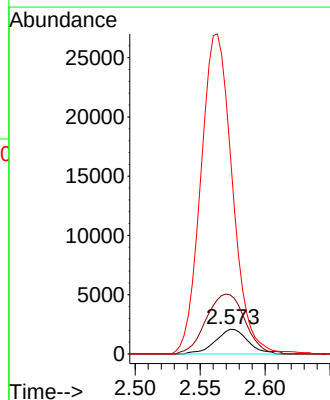
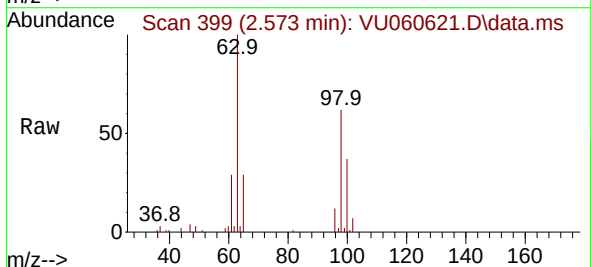
Tgt Ion: 96 Resp: 3598

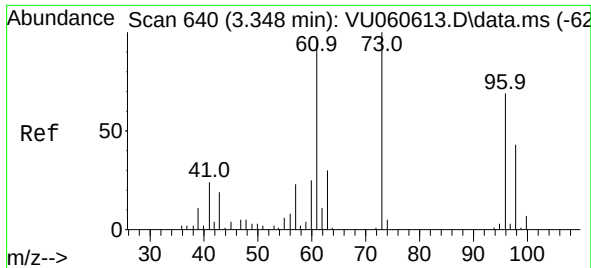
Ion Ratio Lower Upper

96 100

61 239.3 116.4 216.2#

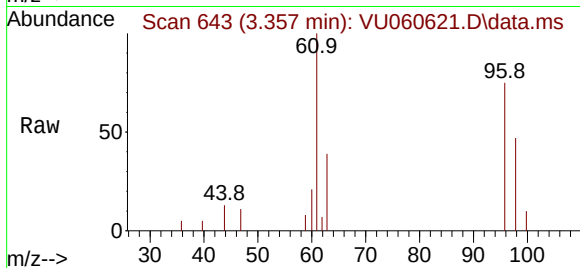
63 822.7 74.8 139.0#





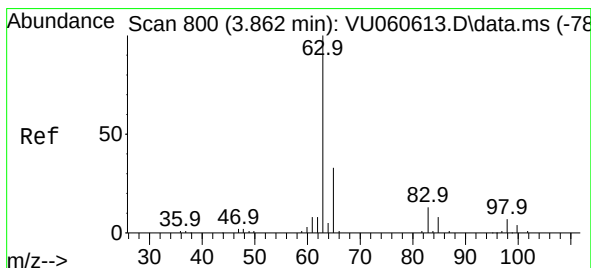
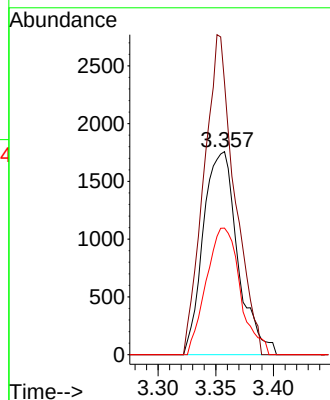
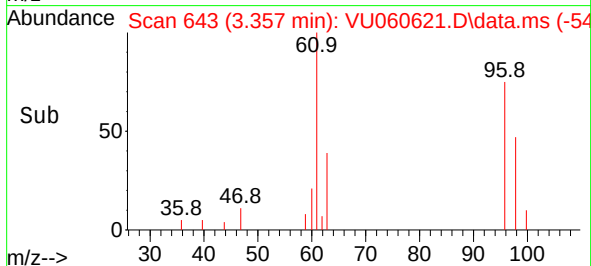
#18
trans-1,2-Dichloroethene
Concen: 0.410 ug/L
RT: 3.357 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU060621.D
Acq: 05 Sep 2024 13:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 3644

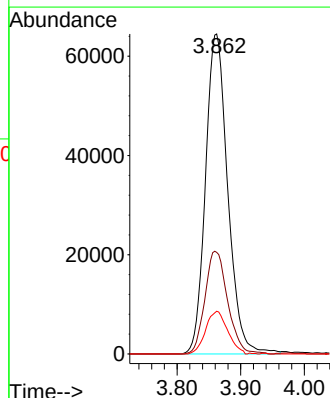
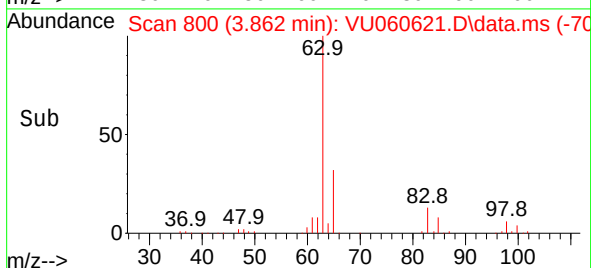
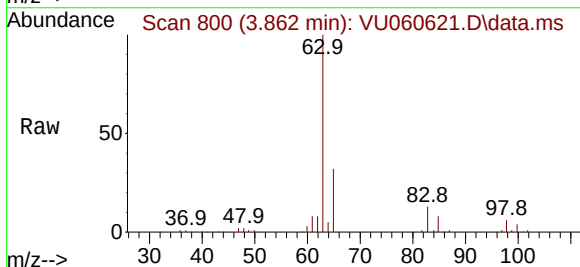
Ion	Ratio	Lower	Upper
96	100		
61	134.0	99.2	184.2
98	62.3	44.0	81.8

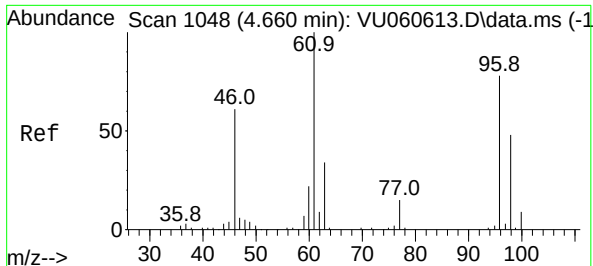


#19
1,1-Dichloroethane
Concen: 8.702 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060621.D
Acq: 05 Sep 2024 13:34

Tgt Ion: 63 Resp: 156789

Ion	Ratio	Lower	Upper
63	100		
65	31.7	20.5	38.1
83	13.4	9.2	17.2

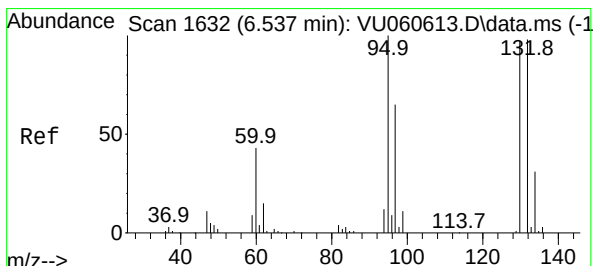
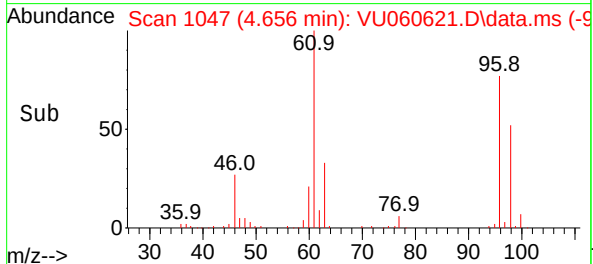
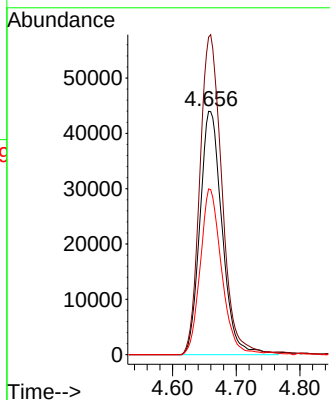
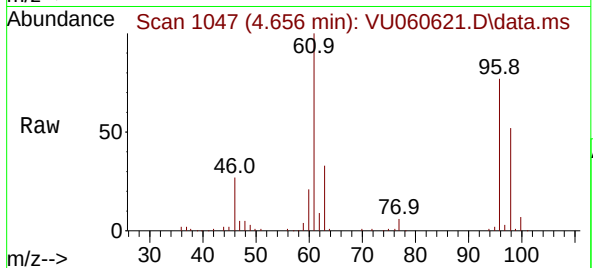




#22
cis-1,2-Dichloroethene
Concen: 10.741 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060621.D
Acq: 05 Sep 2024 13:34

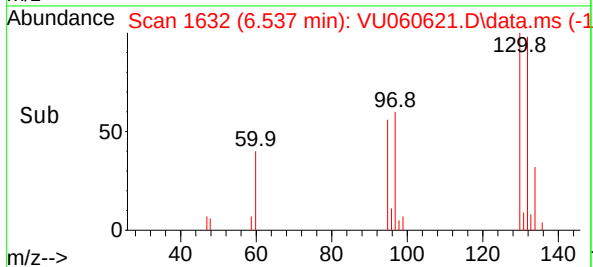
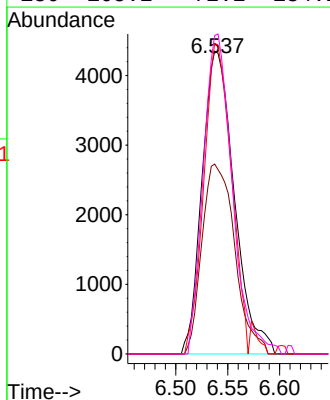
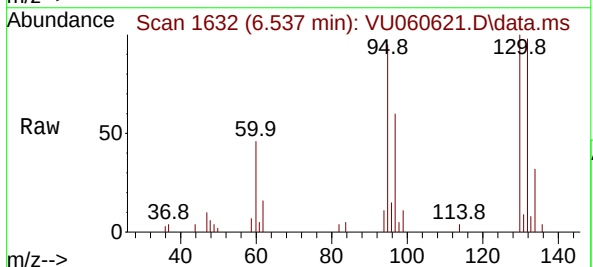
Instrument :
MSVOA_U
ClientSampleId :

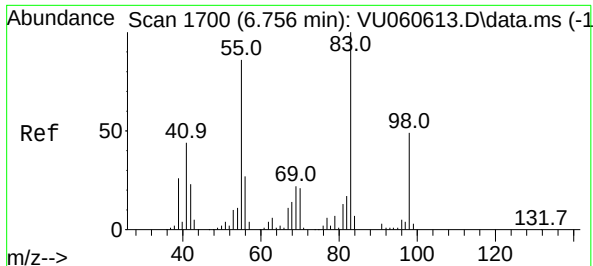
Tgt Ion: 96 Resp: 106414
Ion Ratio Lower Upper
96 100
61 130.5 92.9 172.5
98 68.1 45.0 83.6



#34
Trichloroethene
Concen: 0.805 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060621.D
Acq: 05 Sep 2024 13:34

Tgt Ion: 95 Resp: 9381
Ion Ratio Lower Upper
95 100
97 62.7 45.8 85.2
132 102.6 67.4 125.2
130 105.2 72.2 134.2





#35

Methylcyclohexane

Concen: 0.627 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060621.D

Acq: 05 Sep 2024 13:34

Instrument :

MSVOA_U

ClientSampleId :

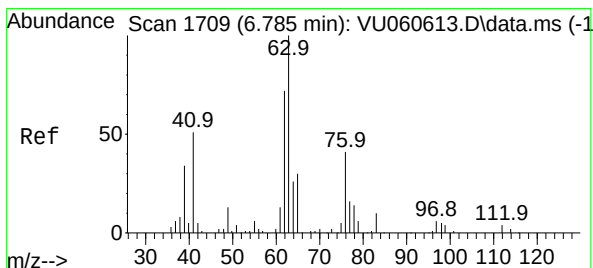
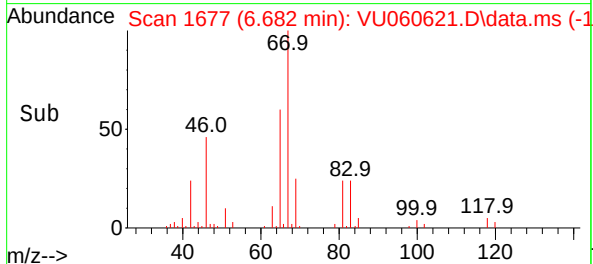
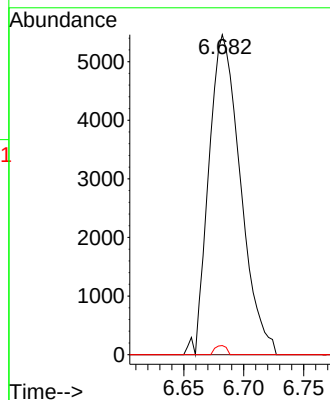
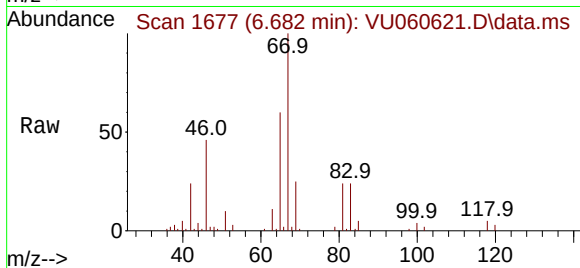
Tgt Ion: 83 Resp: 10019

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 1.0 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.413 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU060621.D

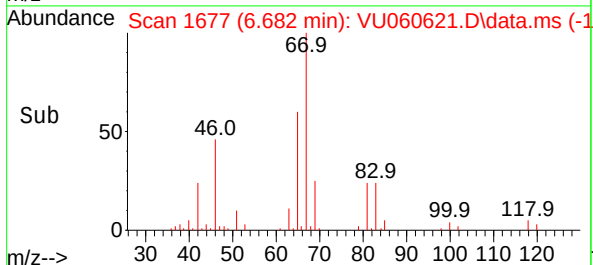
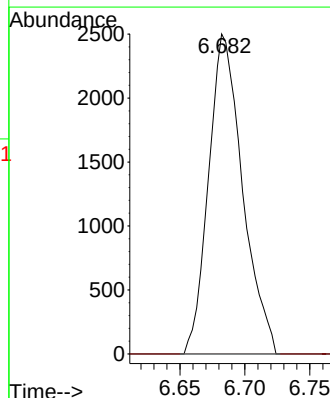
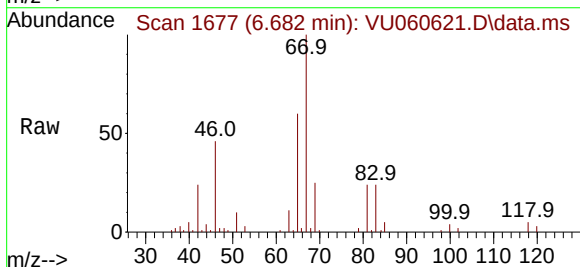
Acq: 05 Sep 2024 13:34

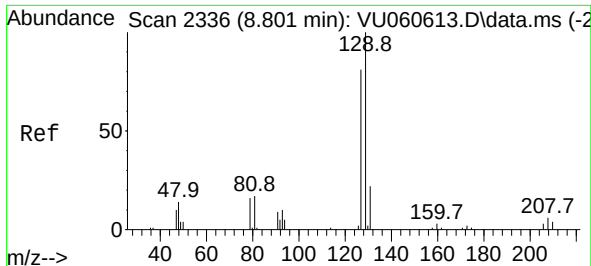
Tgt Ion: 63 Resp: 4548

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#49

Dibromochloromethane

Concen: 0.339 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.248 min MSVOA_U

Lab File: VU060621.D

Acq: 05 Sep 2024 13:34

Instrument :

MSVOA_U

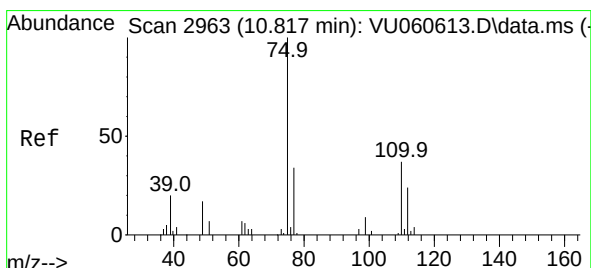
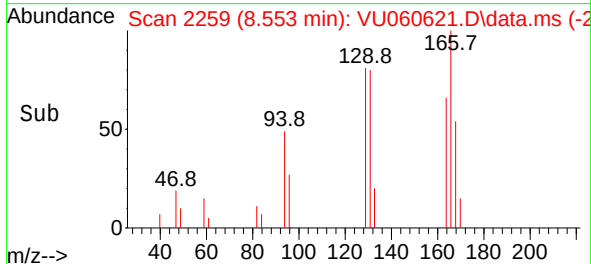
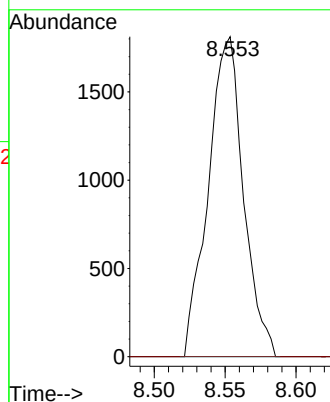
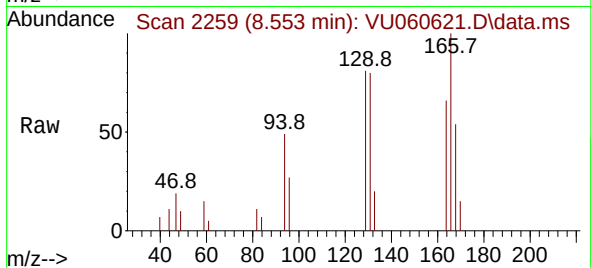
ClientSampleId :

Tgt Ion:129 Resp: 3131

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



#61

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060621.D

Acq: 05 Sep 2024 13:34

Tgt Ion: 75 Resp: 6603

Ion Ratio Lower Upper

75 100

110 0.0 30.2 45.4#

77 31.0 25.4 38.2

