

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060927.D
 Acq On : 20 Sep 2024 05:27
 Operator : MD/SY
 Sample : P3952-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:59:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

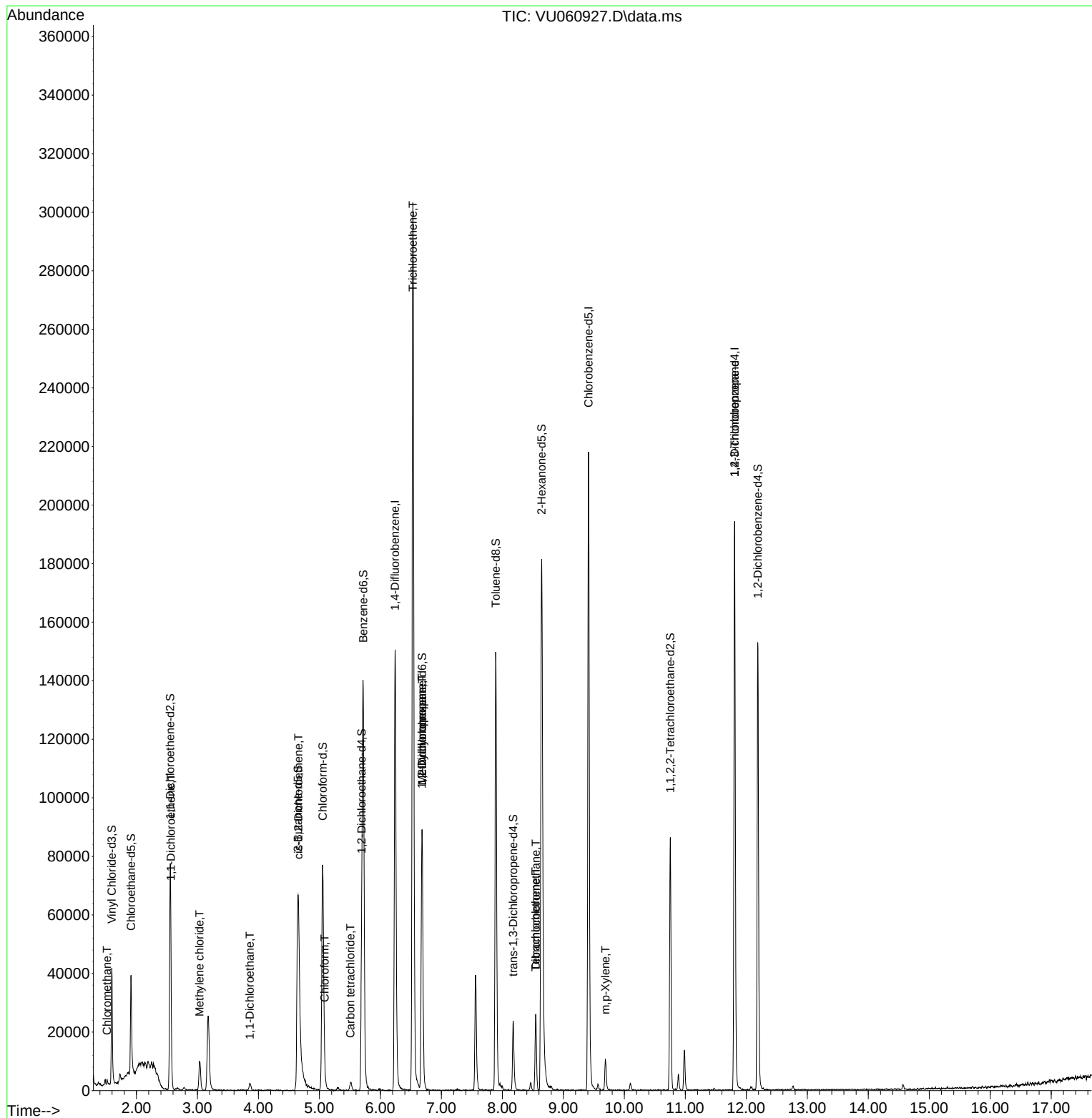
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	135165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57167	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29822	2.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.000%
7) Chloroethane-d5	1.911	69	28799	3.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.554	65	13432	3.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.647	46	93121	47.713	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	5.052	84	77473	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.692	65	39437	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.718	84	134218	3.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.682	67	46180	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.891	98	107570	3.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.800%#
43) trans-1,3-Dichloroprop...	8.177	79	15641	3.741	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.644	63	78829	47.800	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	42159	4.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	45176	4.703	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1316	0.122	ug/L	93
12) 1,1-Dichloroethene	2.563	96	4687	0.551	ug/L #	1
16) Methylene chloride	3.033	84	6237	0.633	ug/L	81
19) 1,1-Dichloroethane	3.859	63	3178	0.180	ug/L #	83
22) cis-1,2-Dichloroethene	4.657	96	12704	1.303	ug/L	91
25) Chloroform	5.084	83	3199	0.173	ug/L	96
31) Carbon tetrachloride	5.509	117	2334	0.174	ug/L	96
34) Trichloroethene	6.531	95	109739	10.870	ug/L	94
35) Methylcyclohexane	6.682	83	11273	0.814	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	5218	0.492	ug/L #	93
47) Tetrachloroethene	8.544	164	6405	0.798	ug/L	85
49) Dibromochloromethane	8.547	129	5990	0.687	ug/L #	9
53) m,p-Xylene	9.689	106	2658	0.165	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	5335	1.001	ug/L #	69

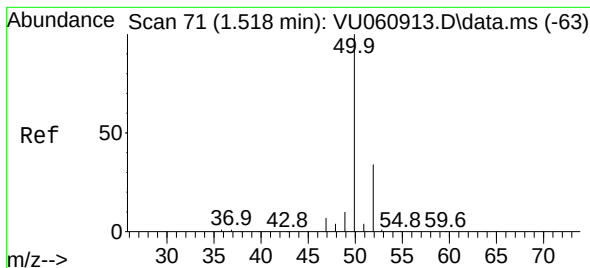
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.515 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU060927.D

Acq: 20 Sep 2024 05:27

Instrument :

MSVOA_U

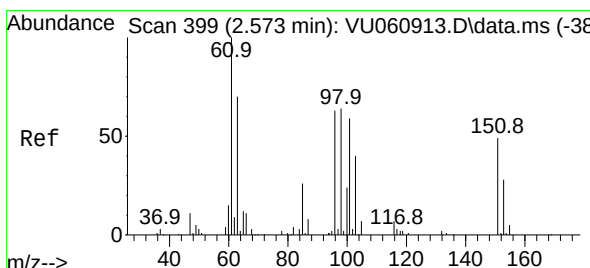
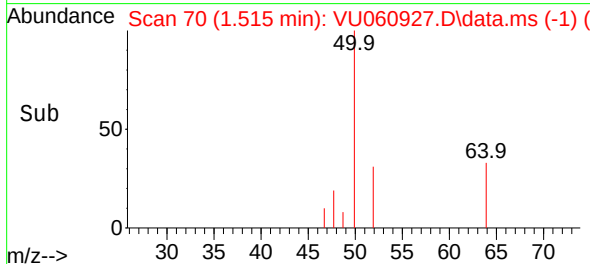
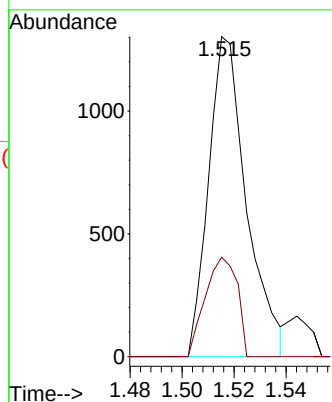
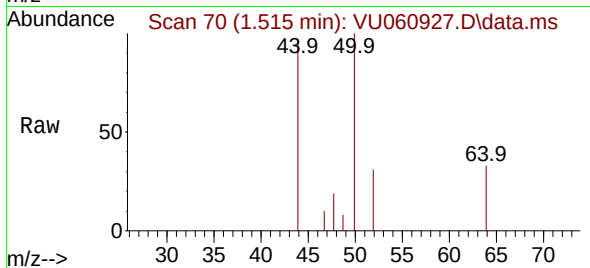
ClientSampleId :

Tgt Ion: 50 Resp: 1316

Ion Ratio Lower Upper

50 100

52 31.1 24.4 45.4



#12

1,1-Dichloroethene

Concen: 0.551 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.010 min

Lab File: VU060927.D

Acq: 20 Sep 2024 05:27

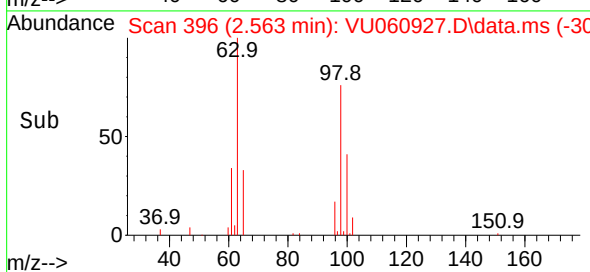
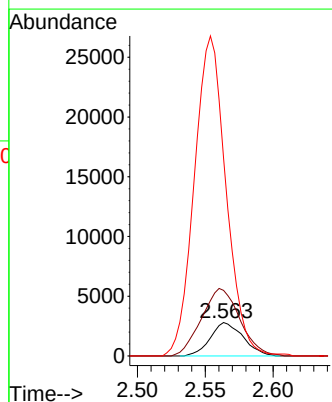
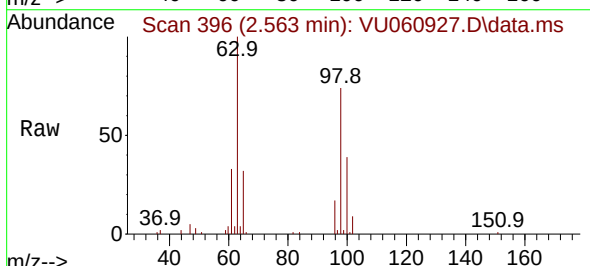
Tgt Ion: 96 Resp: 4687

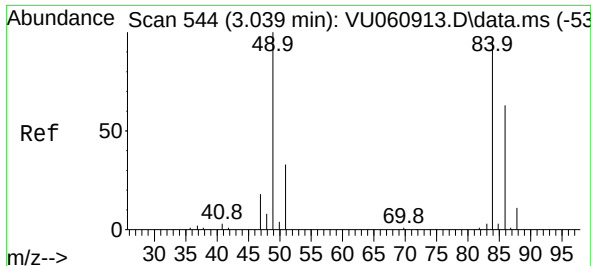
Ion Ratio Lower Upper

96 100

61 176.5 120.7 224.1

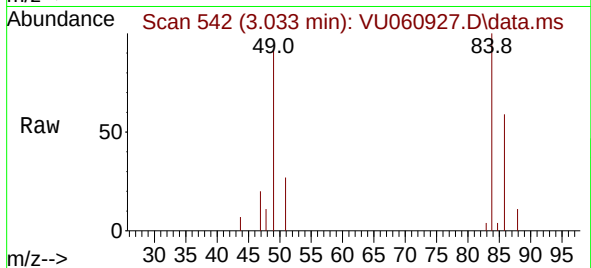
63 531.8 90.0 167.2#



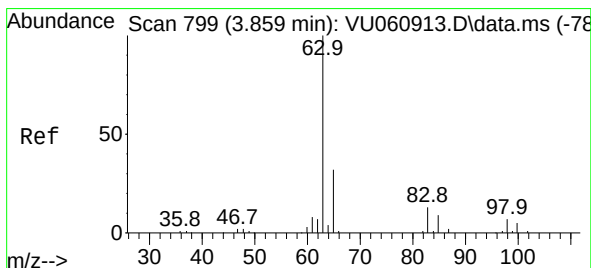
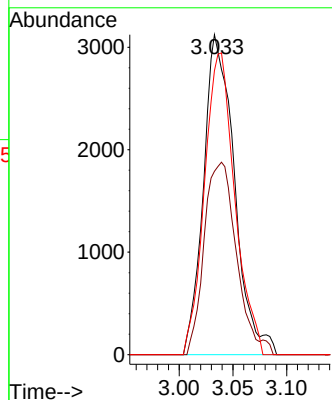
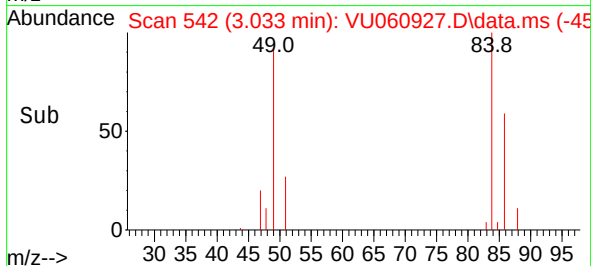


#16
Methylene chloride
Concen: 0.633 ug/L
RT: 3.033 min Scan# 544
Delta R.T. -0.006 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Instrument :
MSVOA_U
ClientSampleId :

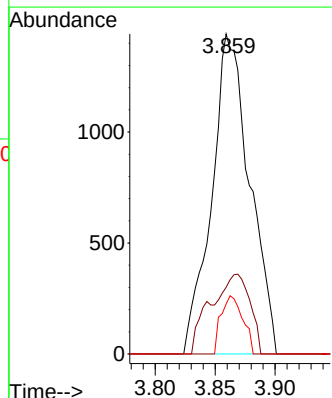
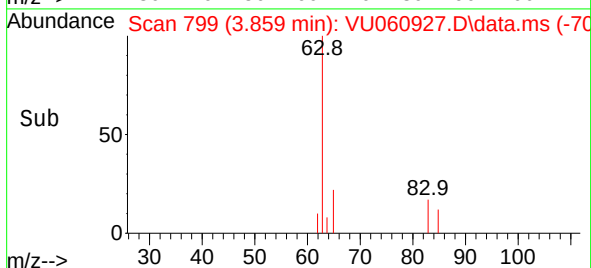
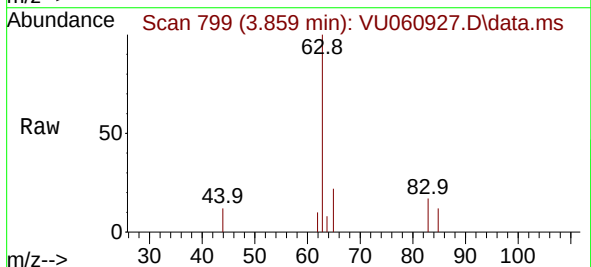


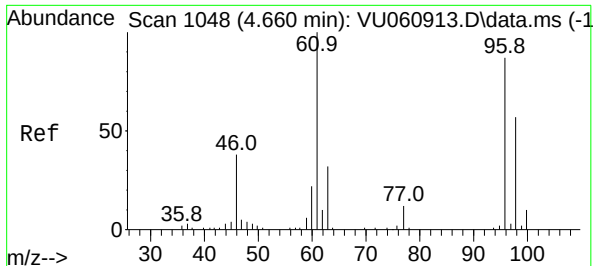
Tgt Ion: 84 Resp: 6237
Ion Ratio Lower Upper
84 100
86 57.3 47.3 87.8
49 88.8 78.7 146.1



#19
1,1-Dichloroethane
Concen: 0.180 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Tgt Ion: 63 Resp: 3178
Ion Ratio Lower Upper
63 100
65 20.9 23.0 42.8#
83 15.6 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 1.303 ug/L

RT: 4.657 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU060927.D

Acq: 20 Sep 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

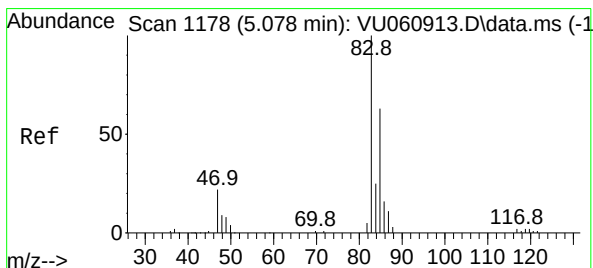
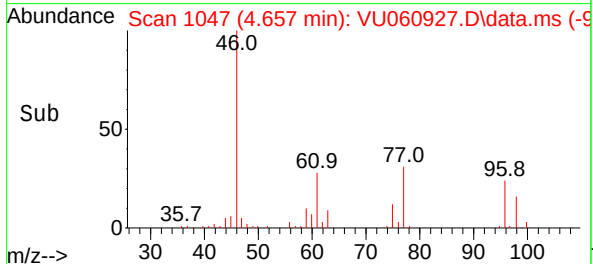
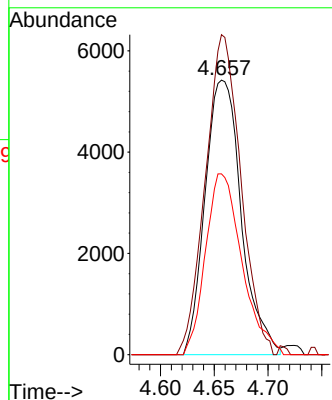
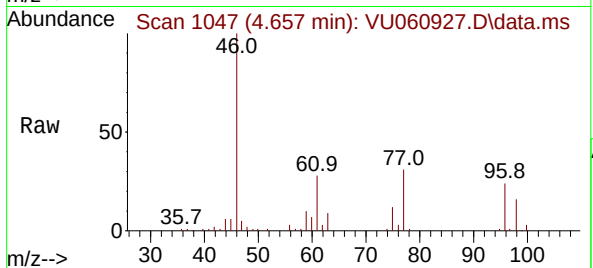
Tgt Ion: 96 Resp: 12704

Ion Ratio Lower Upper

96 100

61 113.0 89.7 166.5

98 63.8 45.1 83.9



#25

Chloroform

Concen: 0.173 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VU060927.D

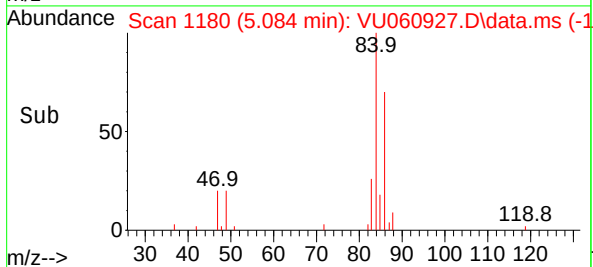
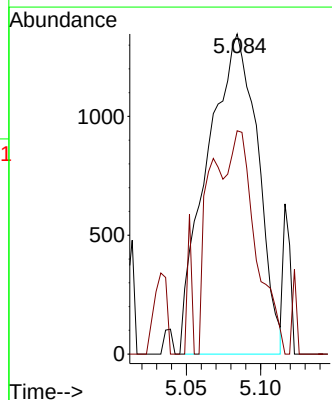
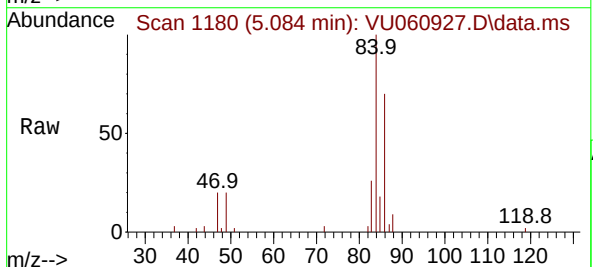
Acq: 20 Sep 2024 05:27

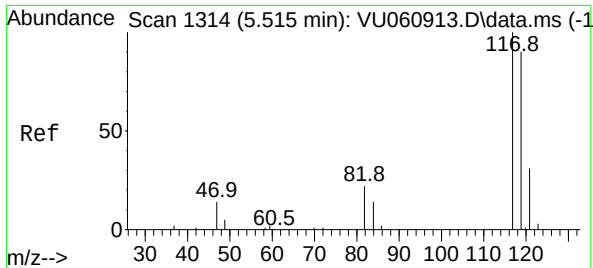
Tgt Ion: 83 Resp: 3199

Ion Ratio Lower Upper

83 100

85 69.8 46.8 86.8

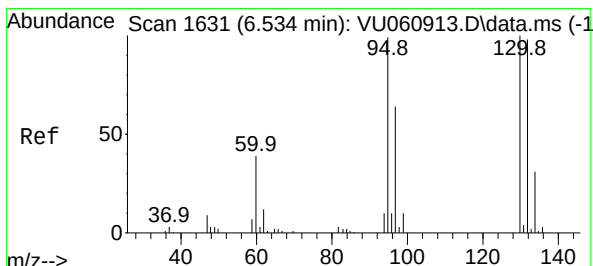
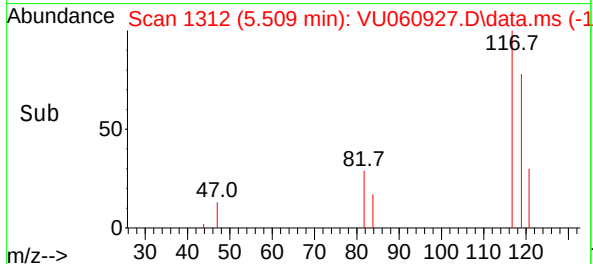
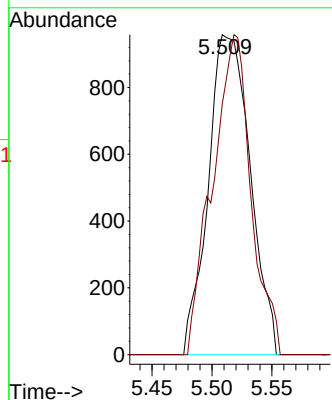
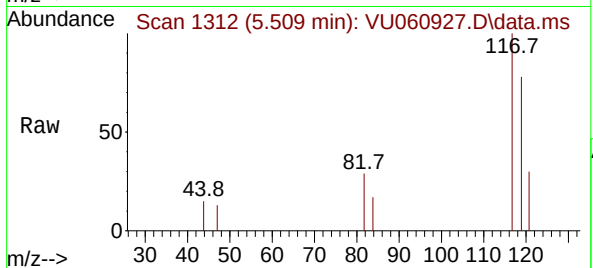




#31
Carbon tetrachloride
Concen: 0.174 ug/L
RT: 5.509 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

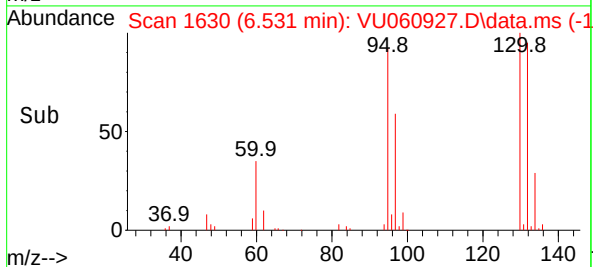
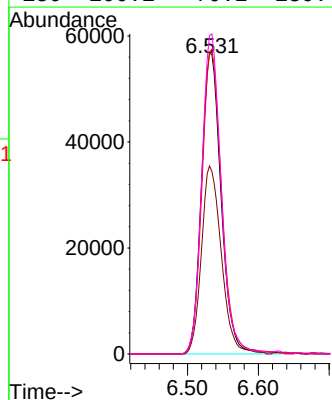
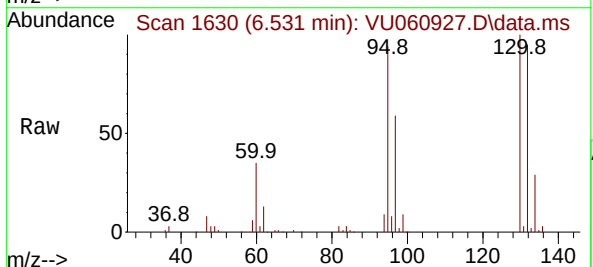
Instrument :
MSVOA_U
ClientSampleId :

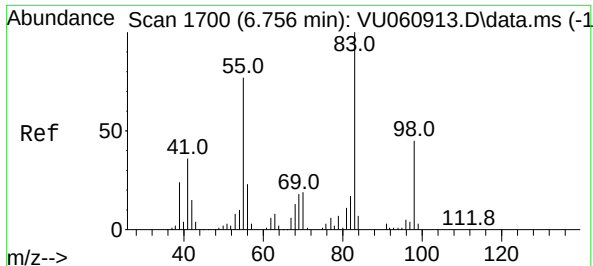
Tgt Ion:117 Resp: 2334
Ion Ratio Lower Upper
117 100
119 91.7 76.3 114.5



#34
Trichloroethene
Concen: 10.870 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Tgt Ion: 95 Resp: 109739
Ion Ratio Lower Upper
95 100
97 62.6 44.9 83.5
132 100.5 63.5 117.9
130 106.1 70.2 130.4

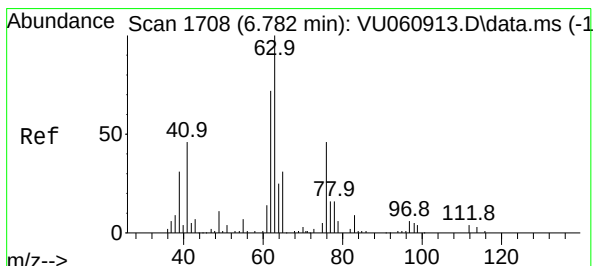
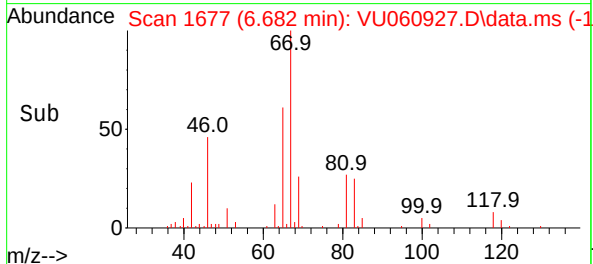
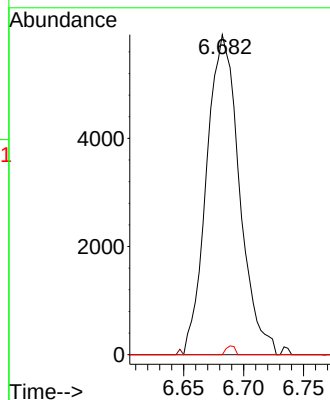
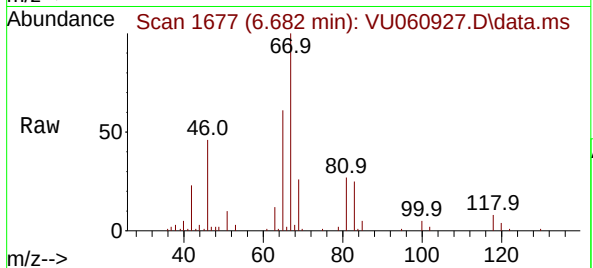




#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

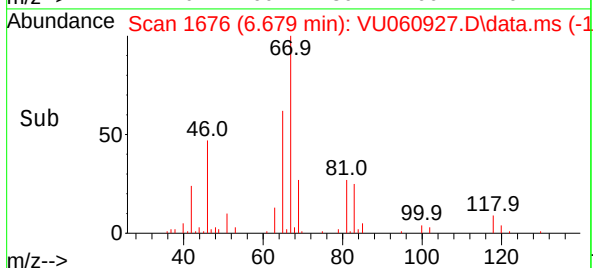
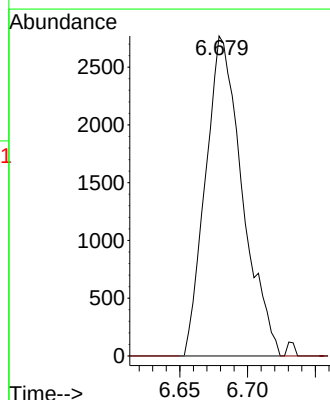
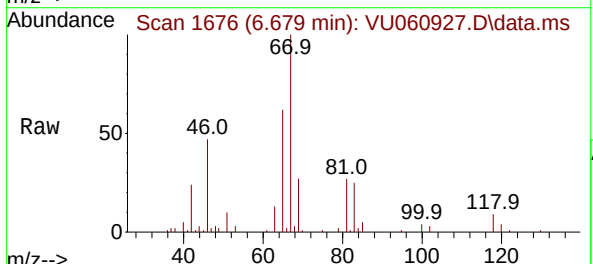
Instrument :
MSVOA_U
ClientSampleId :

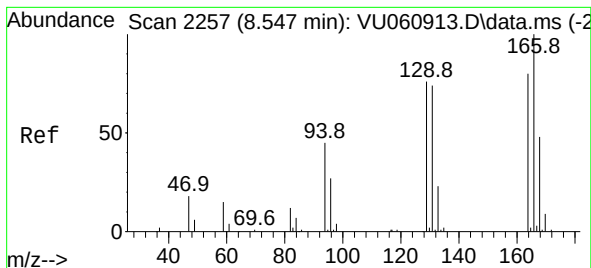
Tgt Ion: 83 Resp: 11273
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Tgt Ion: 63 Resp: 5218
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#47

Tetrachloroethene

Concen: 0.798 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

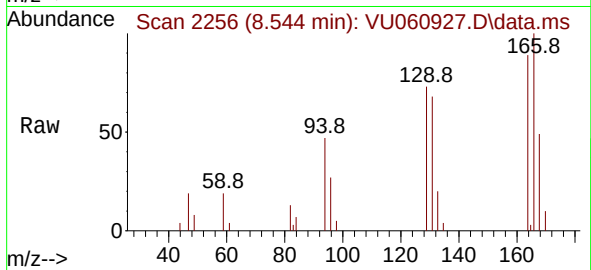
Lab File: VU060927.D

Acq: 20 Sep 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 6405

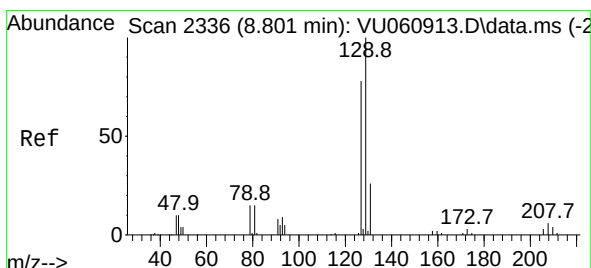
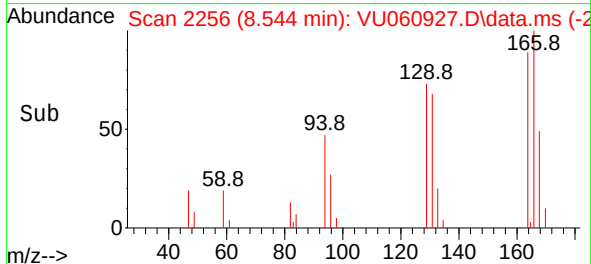
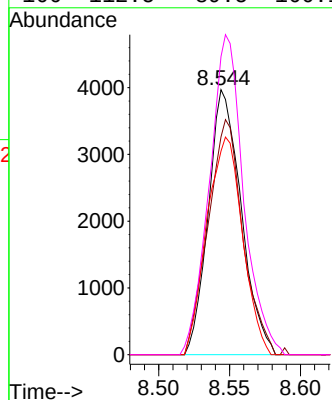
Ion Ratio Lower Upper

164 100

129 82.2 67.3 124.9

131 76.8 65.4 121.4

166 112.5 89.5 166.1



#49

Dibromochloromethane

Concen: 0.687 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060927.D

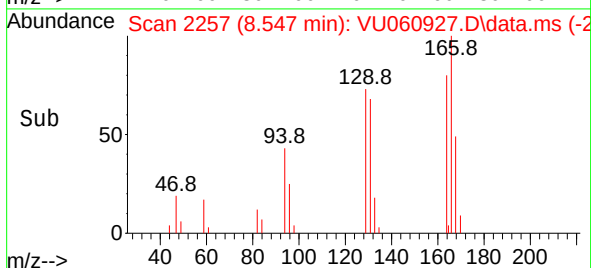
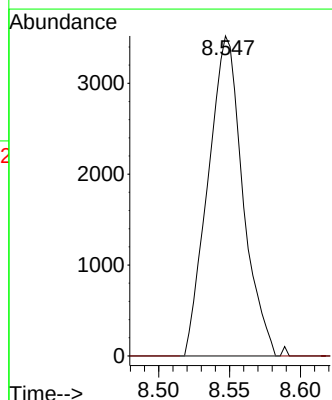
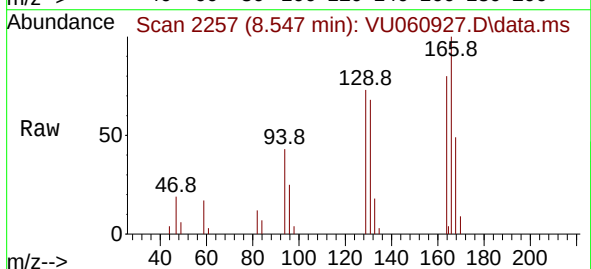
Acq: 20 Sep 2024 05:27

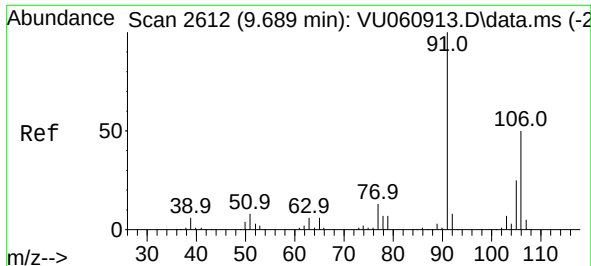
Tgt Ion:129 Resp: 5990

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#

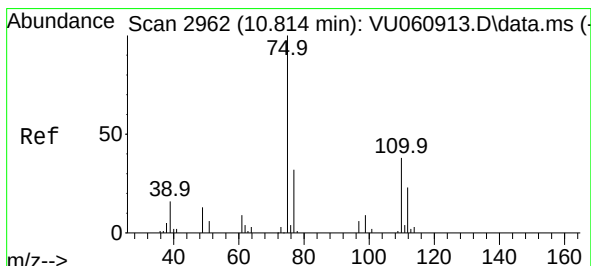
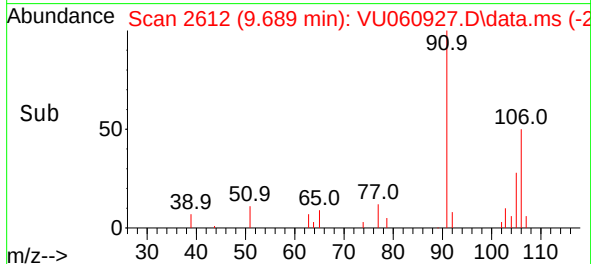
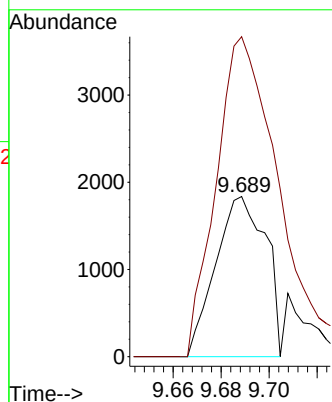
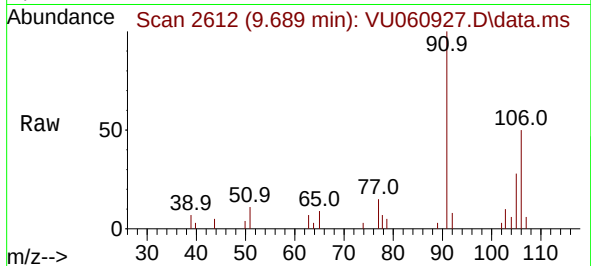




#53
m,p-Xylene
Concen: 0.165 ug/L
RT: 9.689 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2658
Ion Ratio Lower Upper
106 100
91 199.8 139.7 259.4



#61
1,2,3-Trichloropropane
Concen: 1.001 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Tgt Ion: 75 Resp: 5335
Ion Ratio Lower Upper
75 100
110 3.5 28.6 43.0#
77 35.9 26.3 39.5

