

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060947.D
 Acq On : 20 Sep 2024 16:49
 Operator : MD/SY
 Sample : P3987-05DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

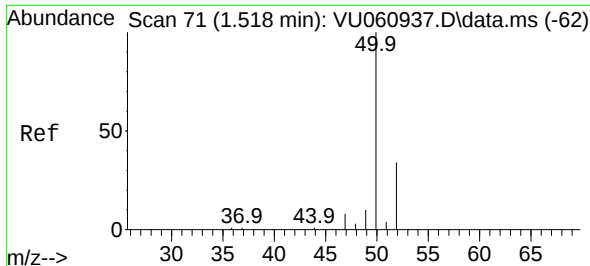
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:42:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126626	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48693	4.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.907	69	37017	4.565	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.551	65	17865	4.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.637	46	84158	46.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.060%
24) Chloroform-d	5.052	84	74891	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.695	65	38490	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	148723	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	48959	4.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.891	98	124735	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	15811	3.924	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.637	63	66808	42.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	38350	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	41477	4.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2026	0.201	ug/L #	77
8) Chloroethane	2.001	64	1399	0.210	ug/L #	53
12) 1,1-Dichloroethene	2.567	96	9505	1.193	ug/L #	27
13) Acetone	2.647	43	26224	21.499	ug/L	96
15) Methyl Acetate	2.952	43	43355	14.578	ug/L	92
16) Methylene chloride	3.036	84	2049	0.222	ug/L	92
19) 1,1-Dichloroethane	3.856	63	33035	1.994	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	17121	1.874	ug/L	96
34) Trichloroethene	6.534	95	28178	2.896	ug/L	99
35) Methylcyclohexane	6.682	83	11562	0.866	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	4478	0.438	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	6629	1.278	ug/L #	66

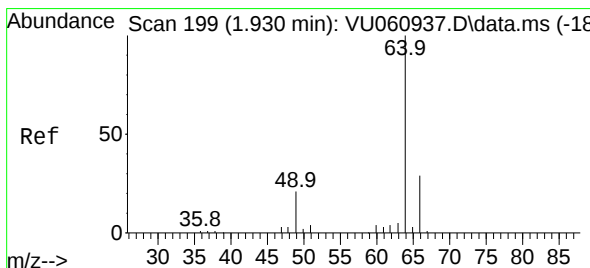
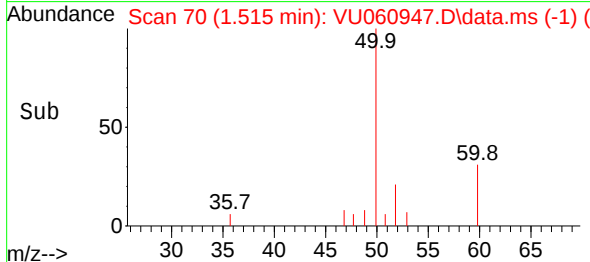
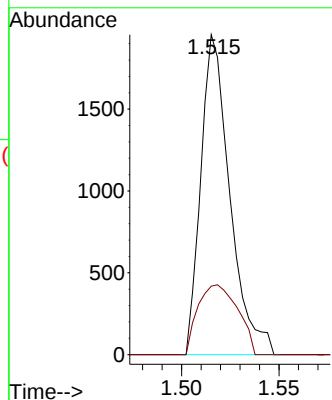
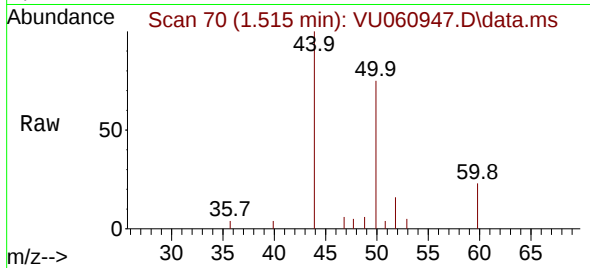
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

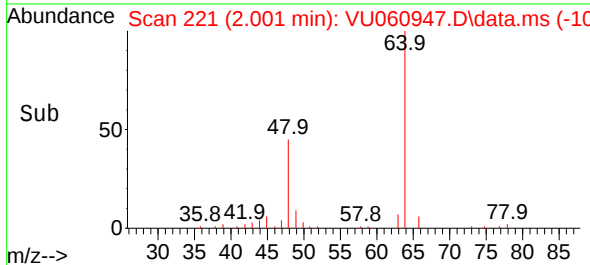
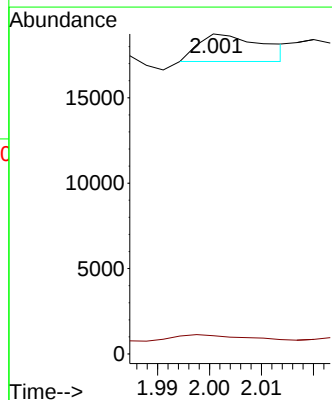
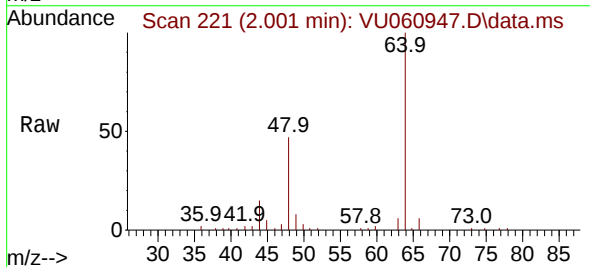
Instrument :
MSVOA_U
ClientSampleId :

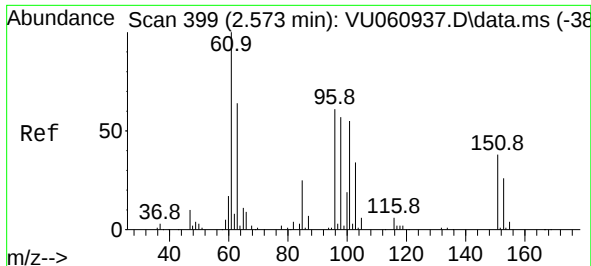
Tgt Ion: 50 Resp: 2026
Ion Ratio Lower Upper
50 100
52 21.4 24.4 45.4#



#8
Chloroethane
Concen: 0.210 ug/L
RT: 2.001 min Scan# 221
Delta R.T. 0.071 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

Tgt Ion: 64 Resp: 1399
Ion Ratio Lower Upper
64 100
66 5.6 22.3 41.3#





#12

1,1-Dichloroethene

Concen: 1.193 ug/L

RT: 2.567 min Scan# 399

Delta R.T. -0.006 min

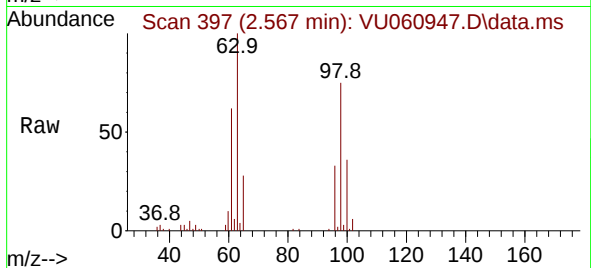
Lab File: VU060947.D

Acq: 20 Sep 2024 16:49

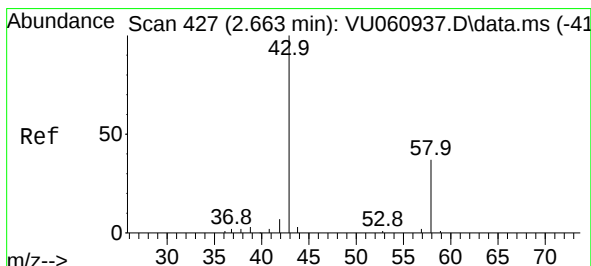
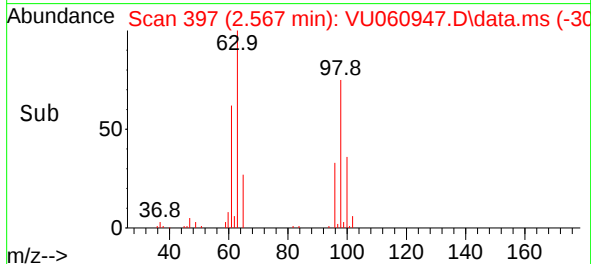
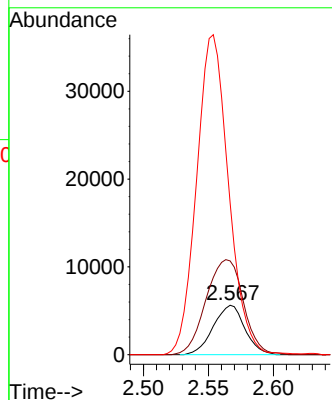
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	9505
Ion	Ratio	Lower	Upper
96	100		
61	189.8	120.7	224.1
63	307.2	90.0	167.2



#13

Acetone

Concen: 21.499 ug/L

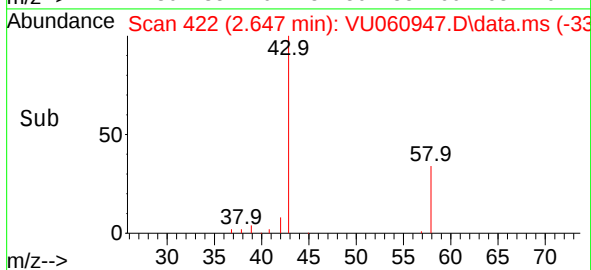
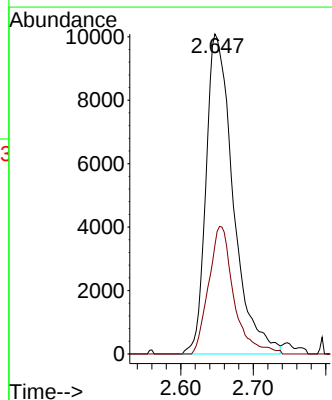
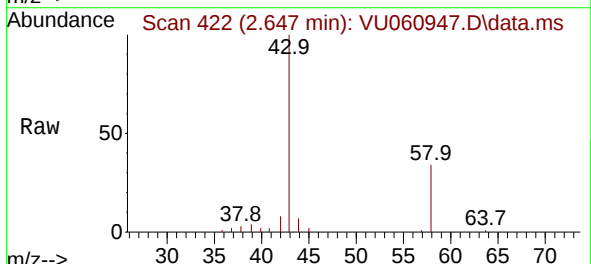
RT: 2.647 min Scan# 422

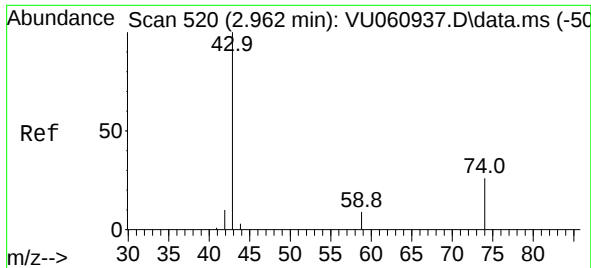
Delta R.T. -0.016 min

Lab File: VU060947.D

Acq: 20 Sep 2024 16:49

Tgt Ion:	43	Resp:	26224
Ion	Ratio	Lower	Upper
43	100		
58	36.9	0.0	69.6





#15

Methyl Acetate

Concen: 14.578 ug/L

RT: 2.952 min Scan# 51

Delta R.T. -0.010 min

Lab File: VU060947.D

Acq: 20 Sep 2024 16:49

Instrument :

MSVOA_U

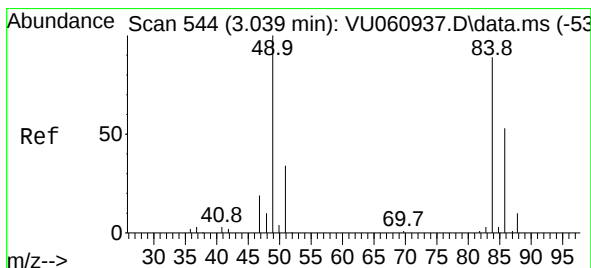
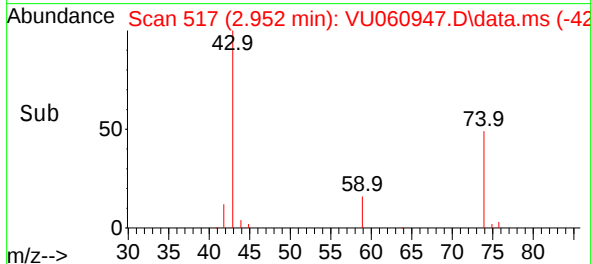
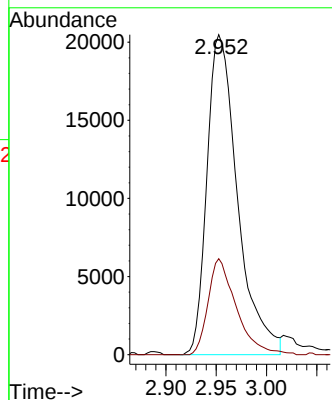
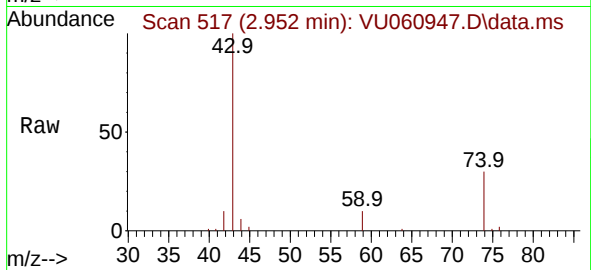
ClientSampleId :

Tgt Ion: 43 Resp: 43355

Ion Ratio Lower Upper

43 100

74 27.6 18.9 28.3



#16

Methylene chloride

Concen: 0.222 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060947.D

Acq: 20 Sep 2024 16:49

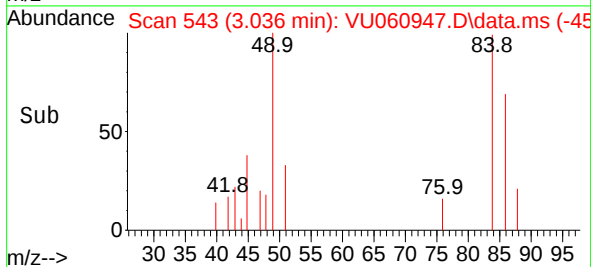
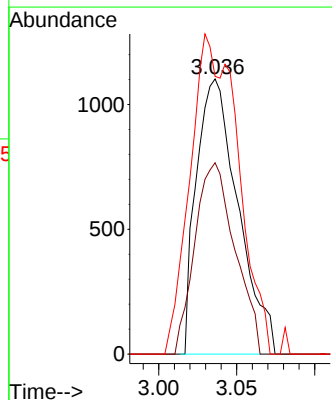
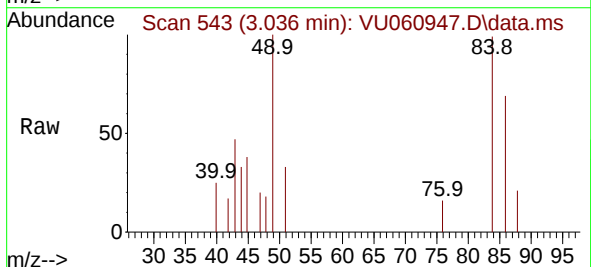
Tgt Ion: 84 Resp: 2049

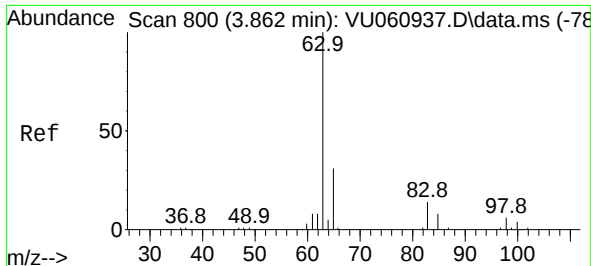
Ion Ratio Lower Upper

84 100

86 69.5 47.3 87.8

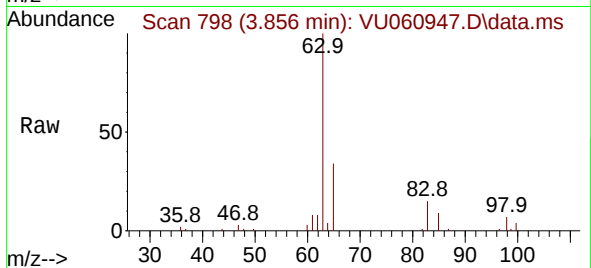
49 100.9 78.7 146.1



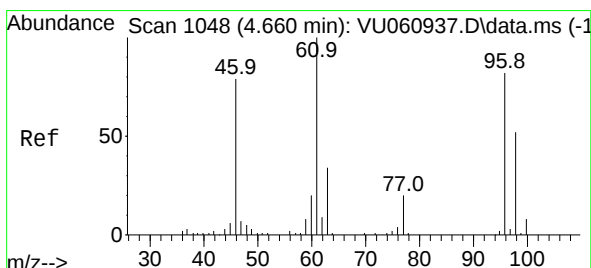
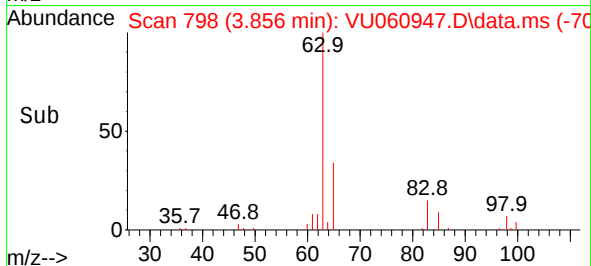
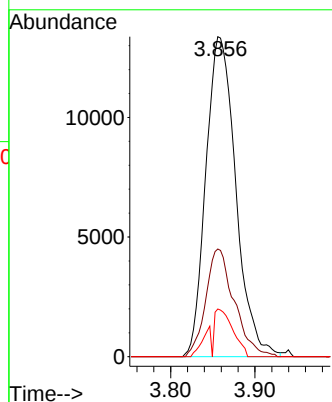


#19
1,1-Dichloroethane
Concen: 1.994 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.006 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

Instrument :
MSVOA_U
ClientSampleId :

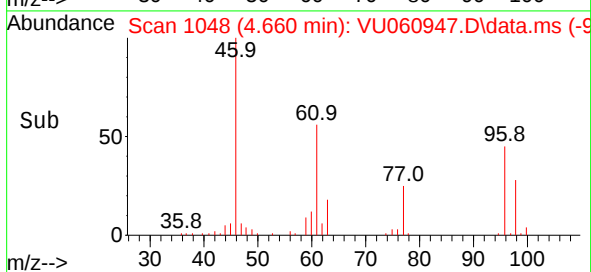
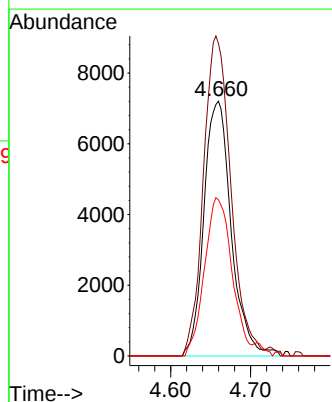
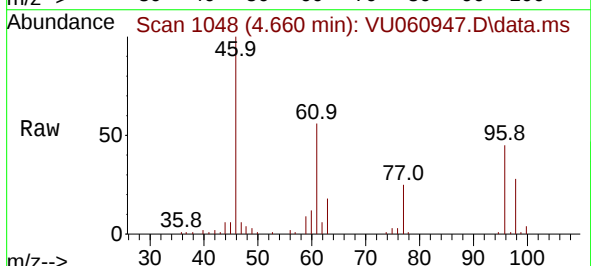


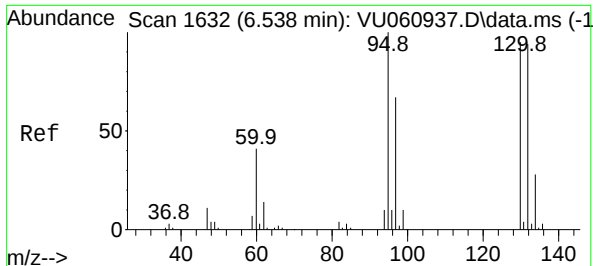
Tgt Ion: 63 Resp: 33035
Ion Ratio Lower Upper
63 100
65 32.3 23.0 42.8
83 14.3 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 1.874 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

Tgt Ion: 96 Resp: 17121
Ion Ratio Lower Upper
96 100
61 122.7 89.7 166.5
98 61.3 45.1 83.9

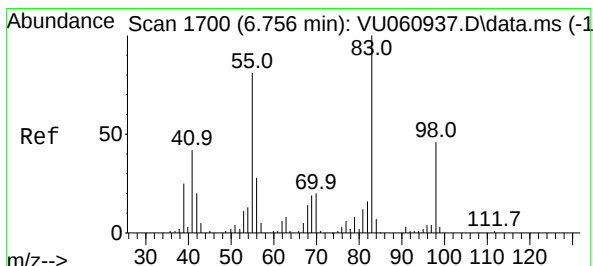
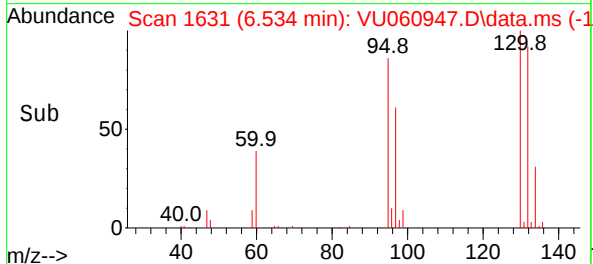
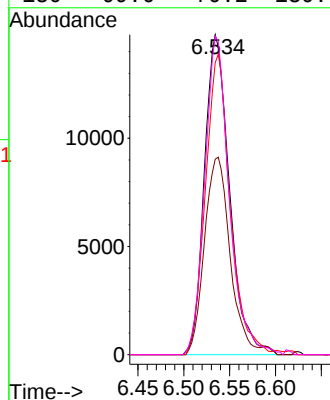
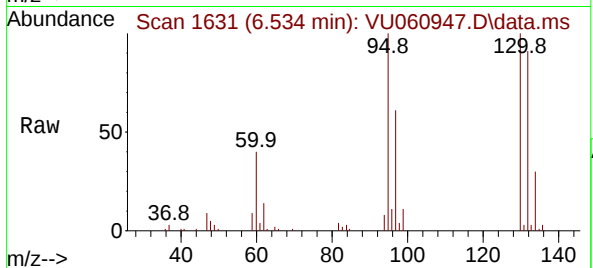




#34
Trichloroethene
Concen: 2.896 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

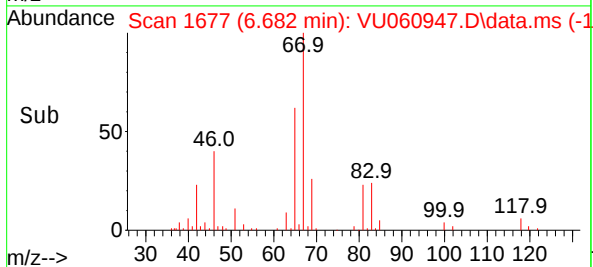
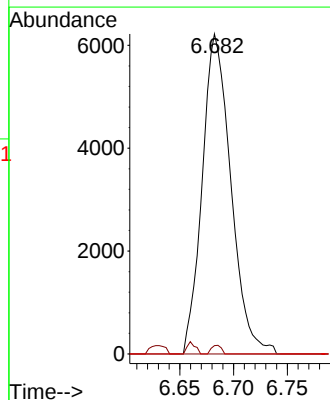
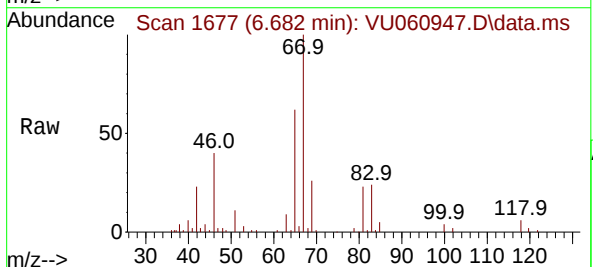
Instrument :
MSVOA_U
ClientSampleId :

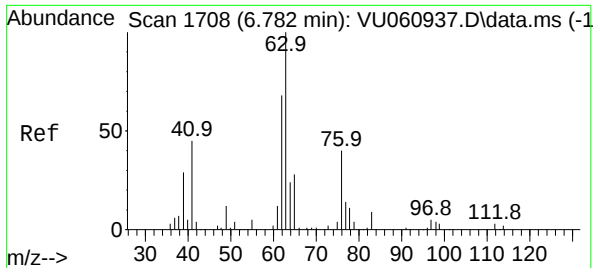
Tgt Ion: 95 Resp: 28178
Ion Ratio Lower Upper
95 100
97 61.1 44.9 83.5
132 91.2 63.5 117.9
130 99.6 70.2 130.4



#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

Tgt Ion: 83 Resp: 11562
Ion Ratio Lower Upper
83 100
55 0.9 62.6 94.0#
98 0.0 37.6 56.4#

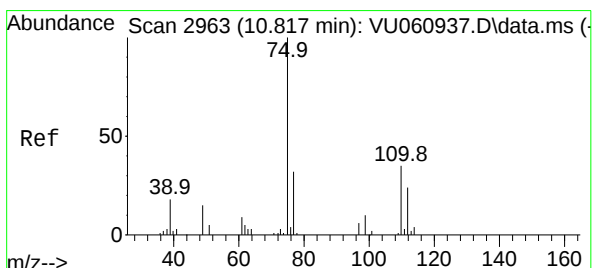
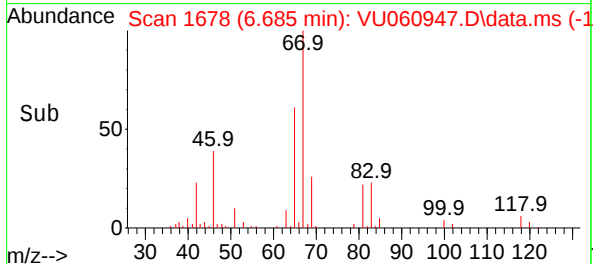
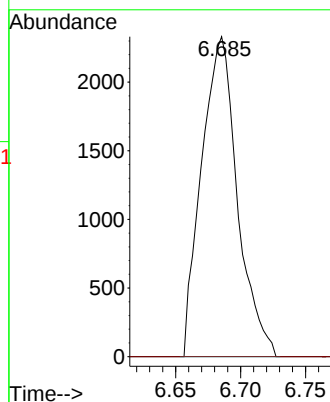
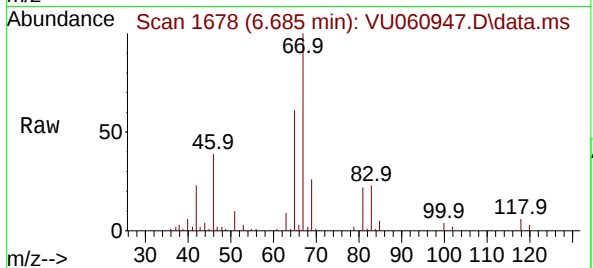




#37
1,2-Dichloropropane
Concen: 0.438 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4478
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.278 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060947.D
Acq: 20 Sep 2024 16:49

Tgt Ion: 75 Resp: 6629
Ion Ratio Lower Upper
75 100
110 0.6 28.6 43.0#
77 29.3 26.3 39.5

