

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060946.D
 Acq On : 20 Sep 2024 16:24
 Operator : MD/SY
 Sample : P3987-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:42:25 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)

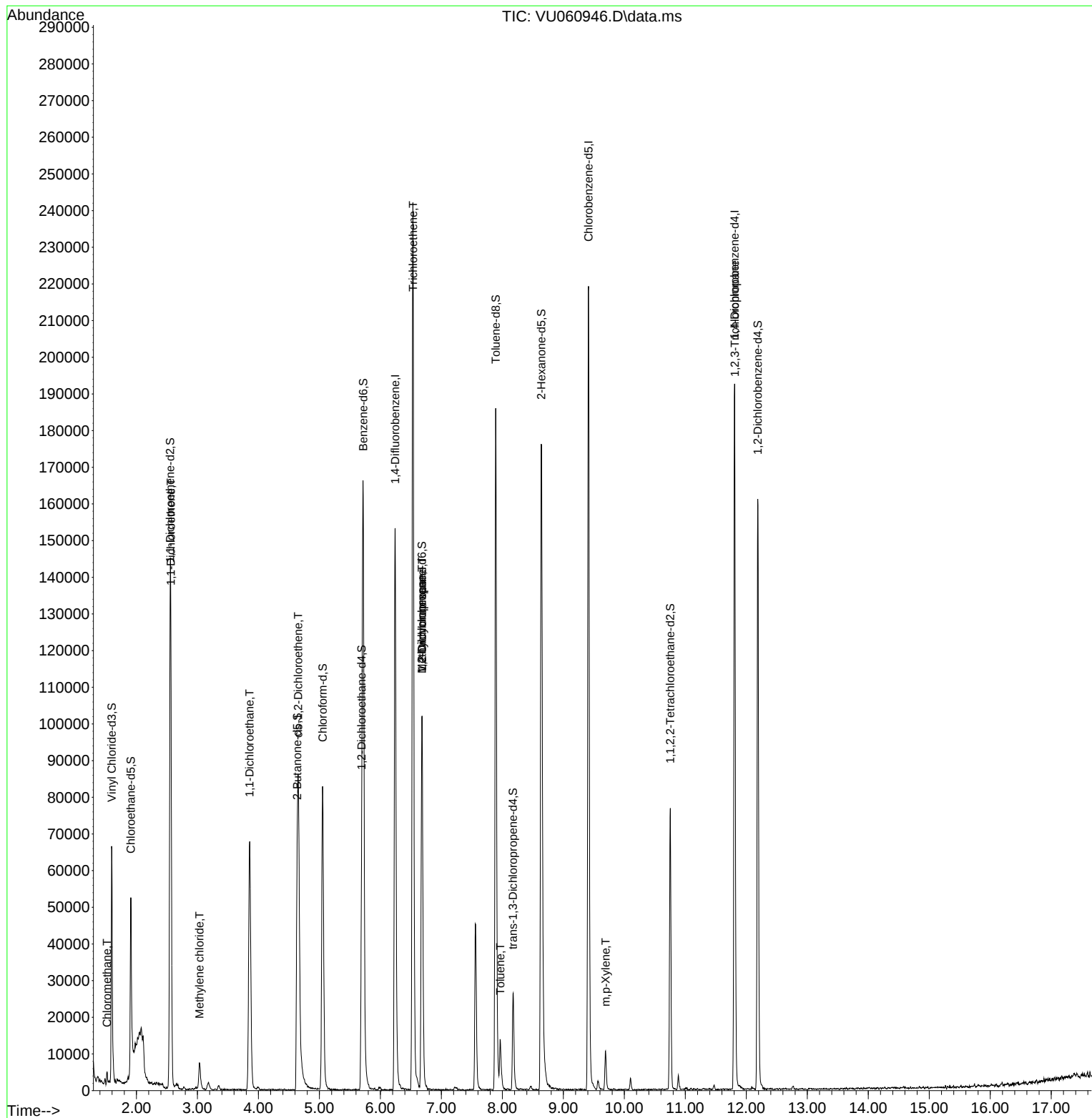
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	128694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	54365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	51780	4.473	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.908	69	41688	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.551	65	19281	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.634	46	87899	47.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.600%
24) Chloroform-d	5.052	84	80293	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	40894	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.718	84	159822	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.679	67	52074	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.891	98	130877	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	17952	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.637	63	71255	46.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	40089	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44811	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	2271	0.221	ug/L	92
12) 1,1-Dichloroethene	2.564	96	26037	3.216	ug/L #	76
16) Methylene chloride	3.033	84	4329	0.462	ug/L	86
19) 1,1-Dichloroethane	3.856	63	81283	4.826	ug/L	97
22) cis-1,2-Dichloroethene	4.654	96	30790	3.317	ug/L	98
34) Trichloroethene	6.535	95	86439	9.117	ug/L	97
35) Methylcyclohexane	6.679	83	12202	0.938	ug/L #	17
37) 1,2-Dichloropropane	6.683	63	5722	0.574	ug/L #	93
42) Toluene	7.965	91	9572	0.253	ug/L	100
53) m,p-Xylene	9.692	106	2862	0.190	ug/L	77
61) 1,2,3-Trichloropropane	11.811	75	6834	1.348	ug/L #	67

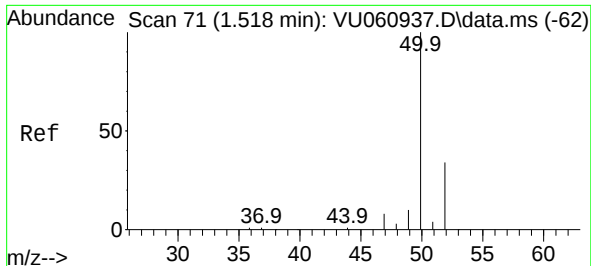
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060946.D
Acq On : 20 Sep 2024 16:24
Operator : MD/SY
Sample : P3987-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

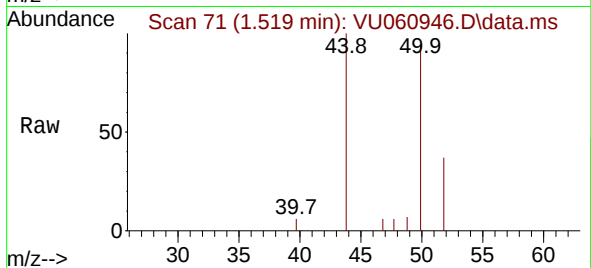
Quant Time: Sep 21 01:42:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:39:49 2024
Response via : Initial Calibration



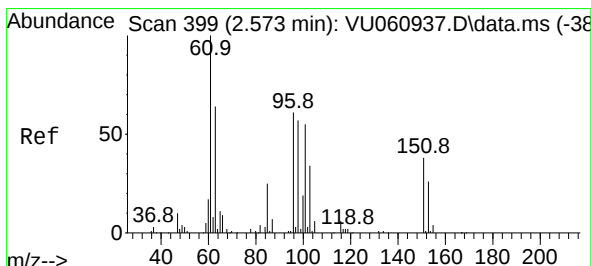
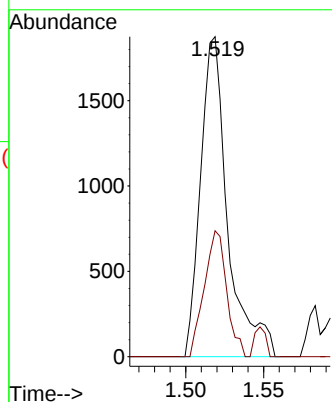
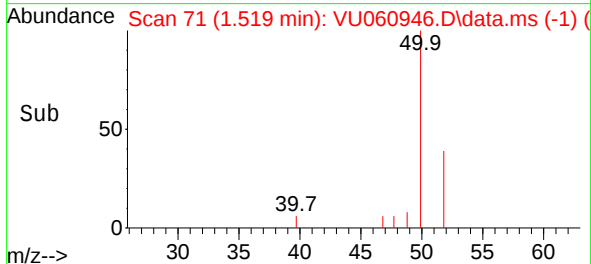


#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

Instrument :
MSVOA_U
ClientSampleId :

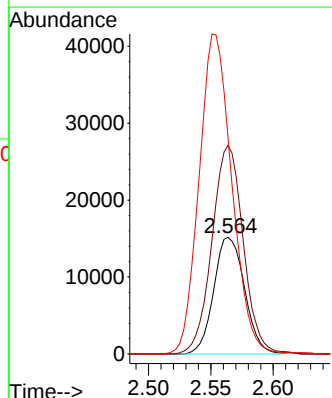
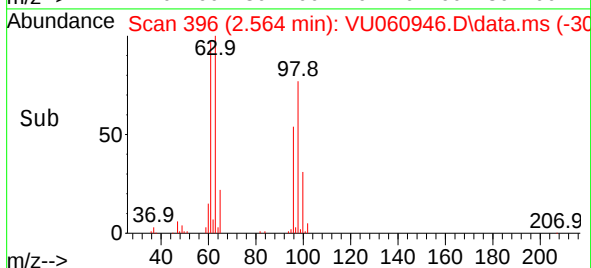
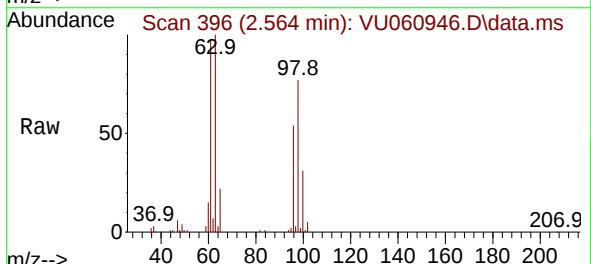


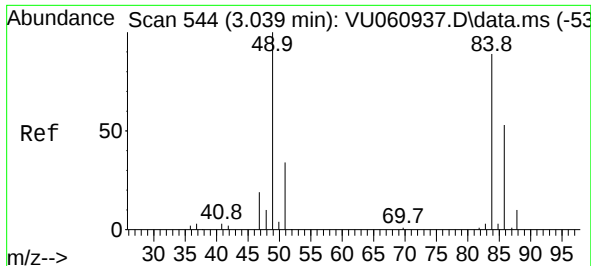
Tgt Ion: 50 Resp: 2271
Ion Ratio Lower Upper
50 100
52 39.4 24.4 45.4



#12
1,1-Dichloroethene
Concen: 3.216 ug/L
RT: 2.564 min Scan# 396
Delta R.T. -0.009 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

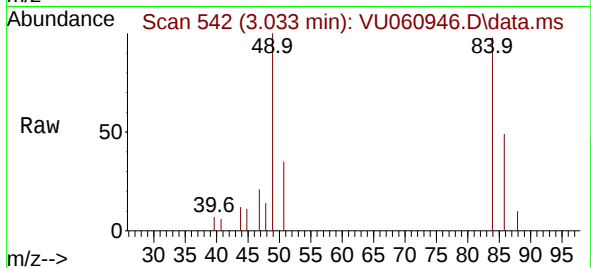
Tgt Ion: 96 Resp: 26037
Ion Ratio Lower Upper
96 100
61 179.1 120.7 224.1
63 185.4 90.0 167.2#



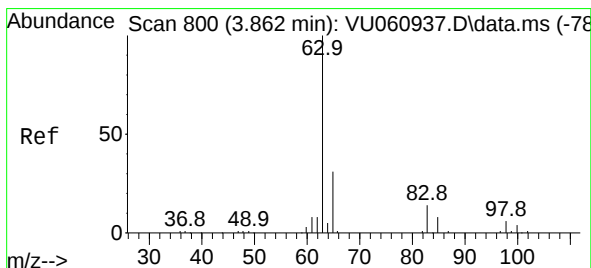
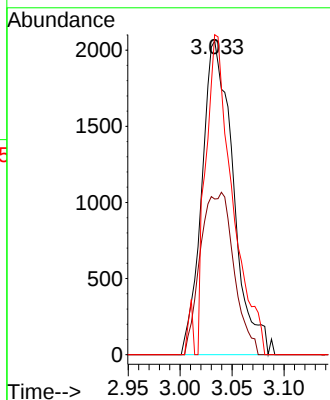
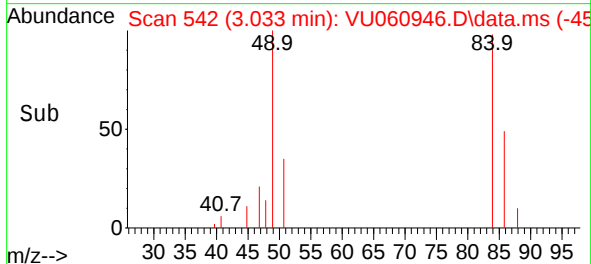


#16
Methylene chloride
Concen: 0.462 ug/L
RT: 3.033 min Scan# 544
Delta R.T. -0.006 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

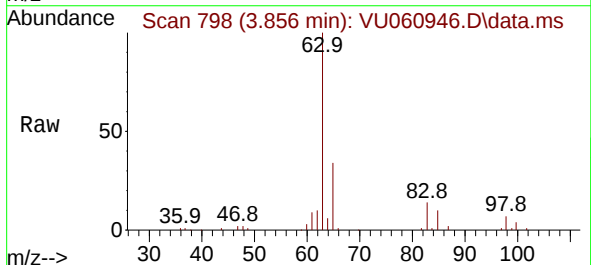
Instrument :
MSVOA_U
ClientSampleId :



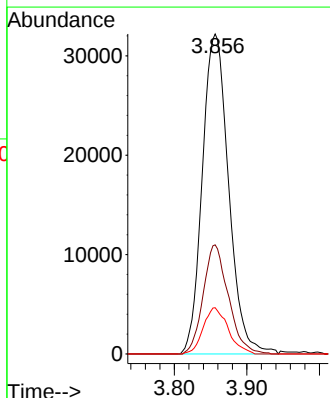
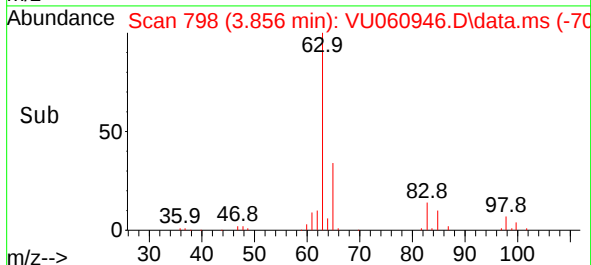
Tgt Ion: 84 Resp: 4329
Ion Ratio Lower Upper
84 100
86 49.6 47.3 87.8
49 102.0 78.7 146.1

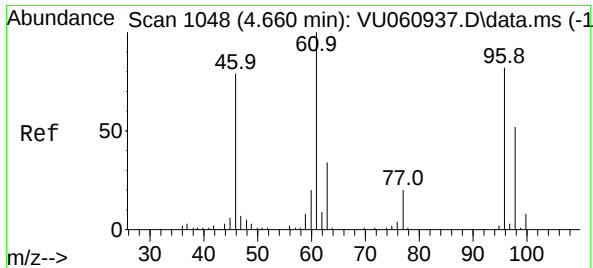


#19
1,1-Dichloroethane
Concen: 4.826 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.006 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24



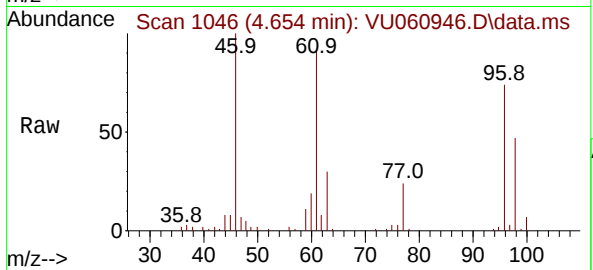
Tgt Ion: 63 Resp: 81283
Ion Ratio Lower Upper
63 100
65 34.1 23.0 42.8
83 14.5 9.0 16.6



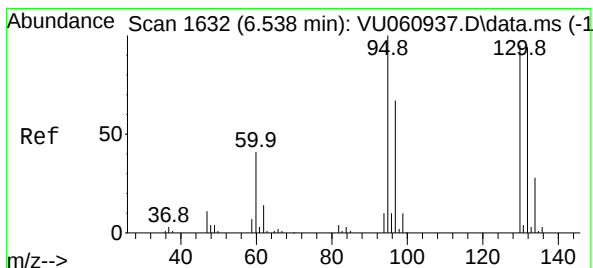
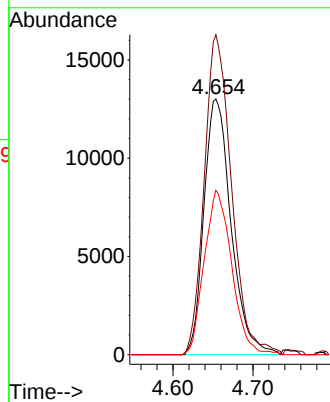
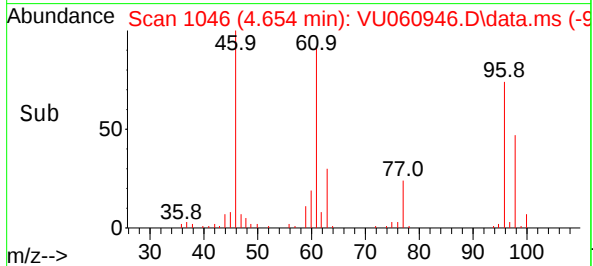


#22
cis-1,2-Dichloroethene
Concen: 3.317 ug/L
RT: 4.654 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

Instrument :
MSVOA_U
ClientSampleId :

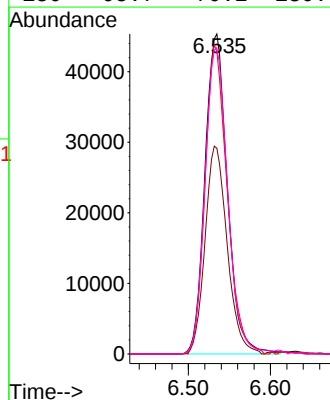
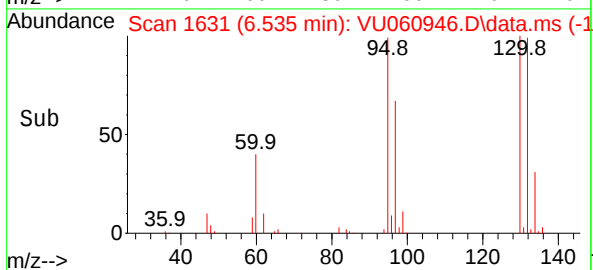
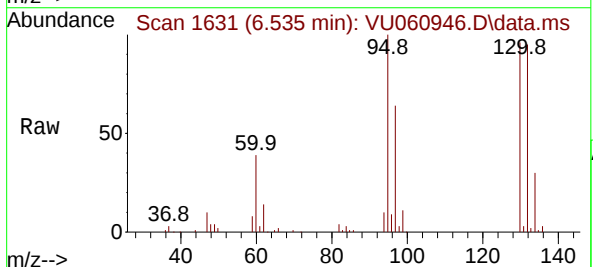


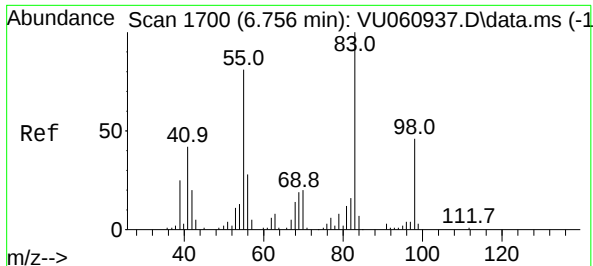
Tgt Ion: 96 Resp: 30790
Ion Ratio Lower Upper
96 100
61 125.2 89.7 166.5
98 64.3 45.1 83.9



#34
Trichloroethene
Concen: 9.117 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

Tgt Ion: 95 Resp: 86439
Ion Ratio Lower Upper
95 100
97 64.3 44.9 83.5
132 94.6 63.5 117.9
130 95.7 70.2 130.4

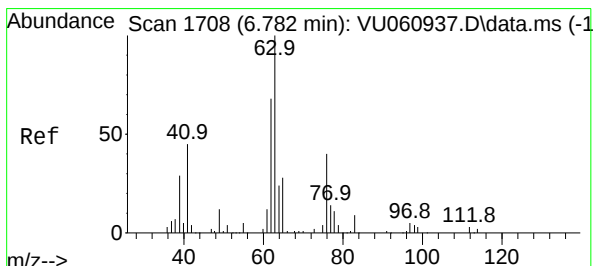
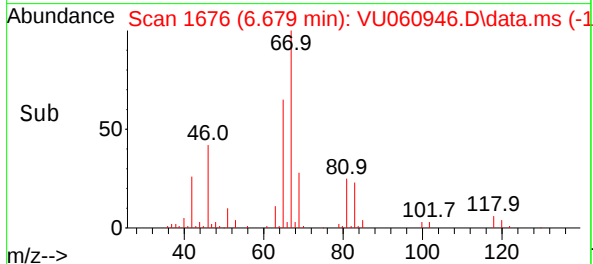
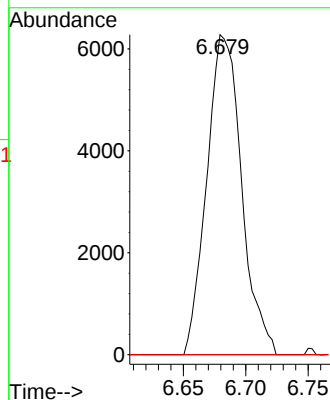
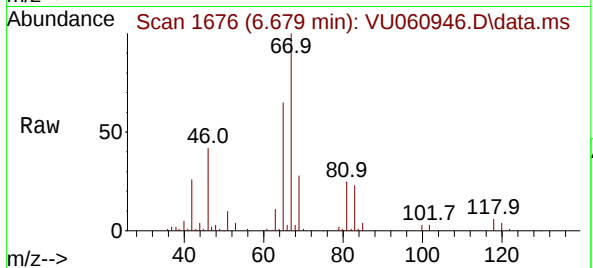




#35
Methylcyclohexane
Concen: 0.938 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

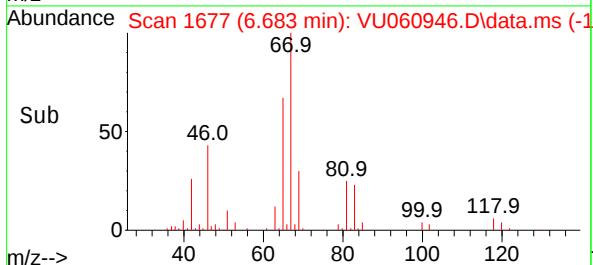
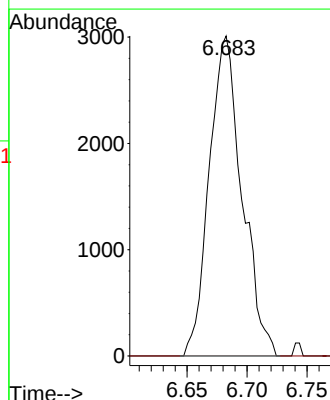
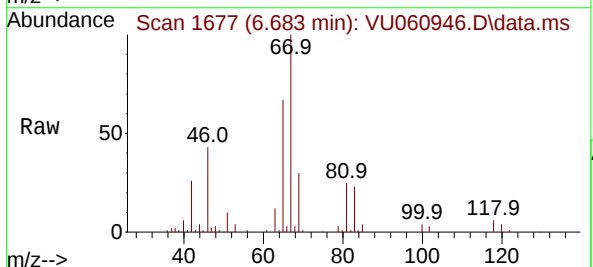
Instrument :
MSVOA_U
ClientSampleId :

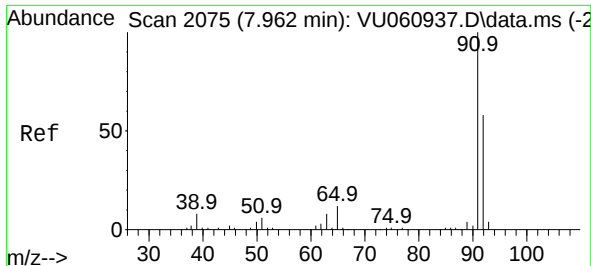
Tgt Ion: 83 Resp: 12202
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.683 min Scan# 1677
Delta R.T. -0.099 min
Lab File: VU060946.D
Acq: 20 Sep 2024 16:24

Tgt Ion: 63 Resp: 5722
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#42

Toluene

Concen: 0.253 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.004 min

Lab File: VU060946.D

Acq: 20 Sep 2024 16:24

Instrument :

MSVOA_U

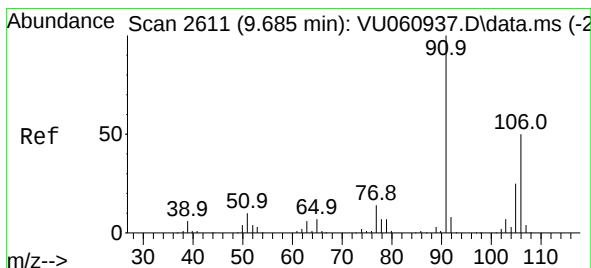
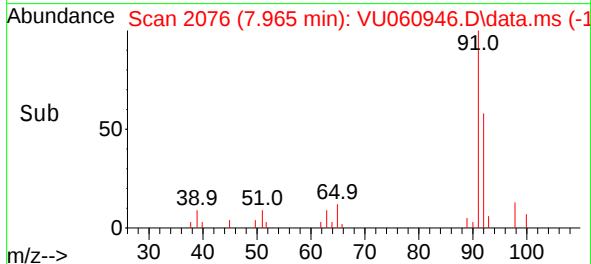
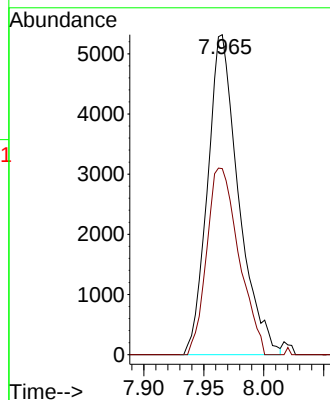
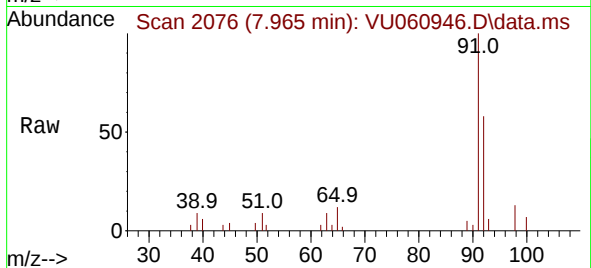
ClientSampleId :

Tgt Ion: 91 Resp: 9572

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.3



#53

m,p-Xylene

Concen: 0.190 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.007 min

Lab File: VU060946.D

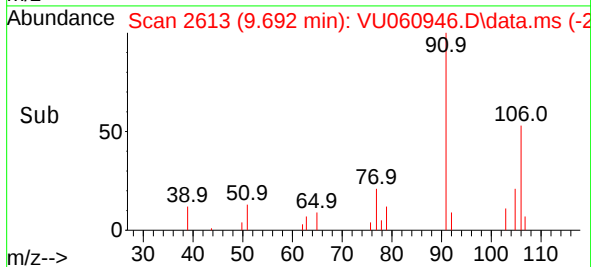
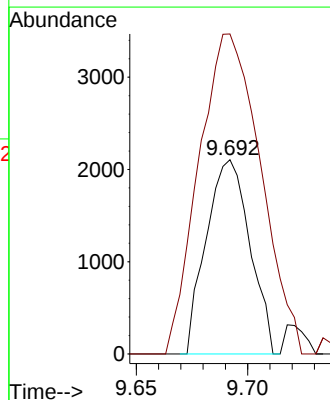
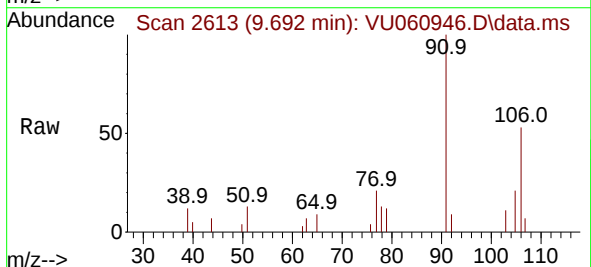
Acq: 20 Sep 2024 16:24

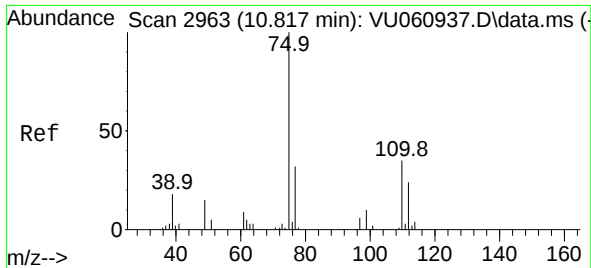
Tgt Ion:106 Resp: 2862

Ion Ratio Lower Upper

106 100

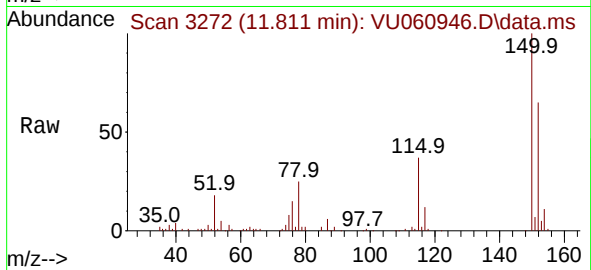
91 164.7 139.7 259.4





#61
 1,2,3-Trichloropropane
 Concen: 1.348 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU060946.D
 Acq: 20 Sep 2024 16:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6834
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.6 43.0#
 77 30.6 26.3 39.5

