

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060949.D
 Acq On : 20 Sep 2024 17:38
 Operator : MD/SY
 Sample : P3987-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:43:19 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)

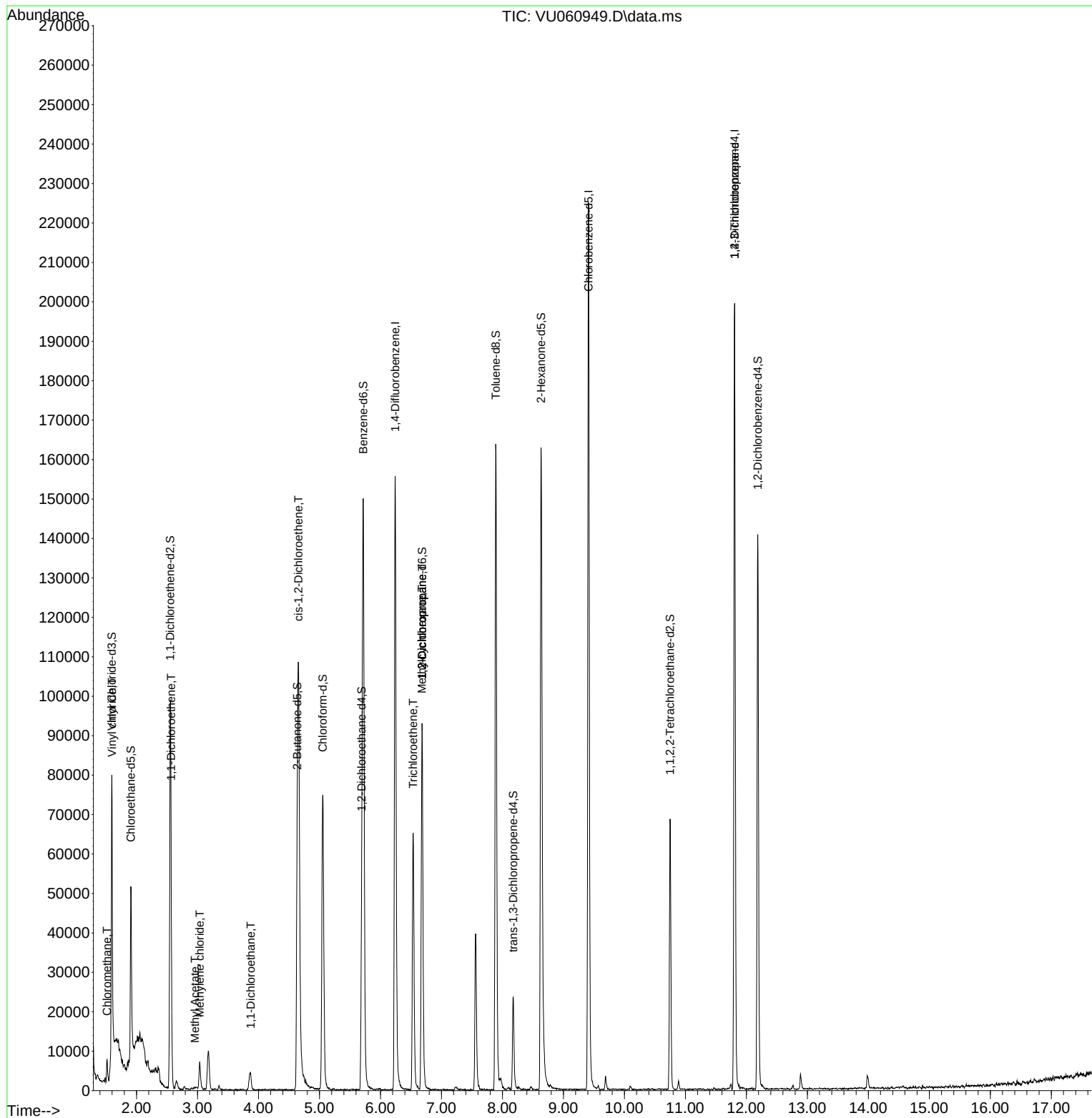
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131498	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46862	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.907	69	36614	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.554	65	17477	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.634	46	76410	40.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.480%
24) Chloroform-d	5.052	84	74255	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.692	65	36755	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.718	84	142512	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.682	67	46649	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	118367	3.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	15598	3.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.634	63	62910	39.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36815	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	41050	4.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	4062	0.387	ug/L	85
5) Vinyl chloride	1.599	62	8979	0.791	ug/L #	1
12) 1,1-Dichloroethene	2.567	96	5691	0.688	ug/L #	1
15) Methyl Acetate	2.959	43	813	0.263	ug/L #	52
16) Methylene chloride	3.036	84	3037	0.317	ug/L	81
19) 1,1-Dichloroethane	3.872	63	6287	0.365	ug/L #	84
22) cis-1,2-Dichloroethene	4.657	96	43896	4.627	ug/L	100
34) Trichloroethene	6.537	95	24221	2.510	ug/L	96
35) Methylcyclohexane	6.679	83	10340	0.781	ug/L #	32
37) 1,2-Dichloropropane	6.682	63	4932	0.486	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	6317	1.186	ug/L #	67

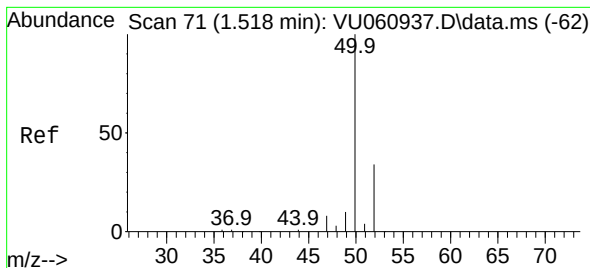
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
Data File : VU060949.D
Acq On : 20 Sep 2024 17:38
Operator : MD/SY
Sample : P3987-07DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 21 01:43:19 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: 0.387 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU060949.D

Acq: 20 Sep 2024 17:38

Instrument :

MSVOA_U

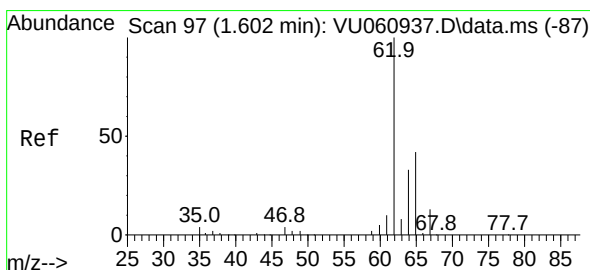
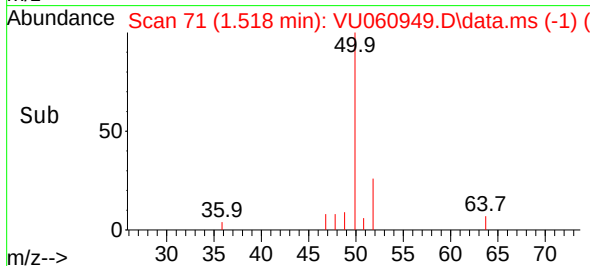
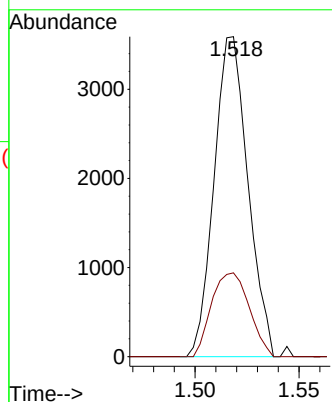
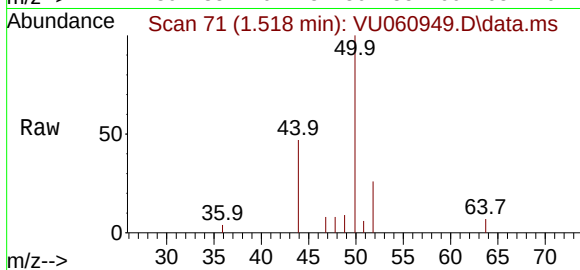
ClientSampleId :

Tgt Ion: 50 Resp: 4062

Ion Ratio Lower Upper

50 100

52 26.2 24.4 45.4



#5

Vinyl chloride

Concen: 0.791 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU060949.D

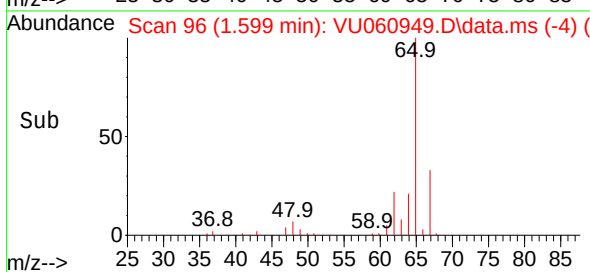
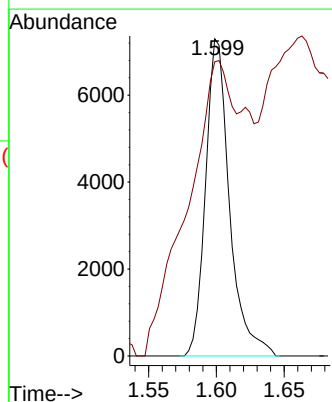
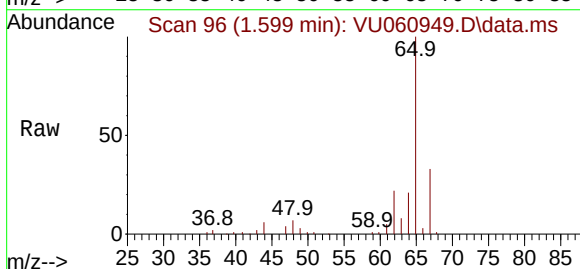
Acq: 20 Sep 2024 17:38

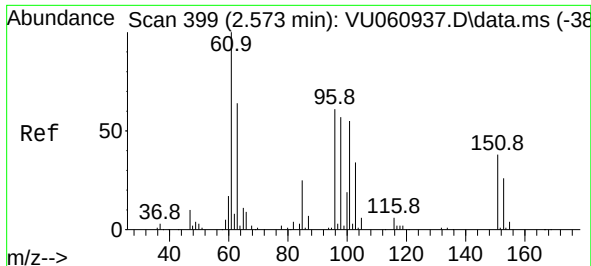
Tgt Ion: 62 Resp: 8979

Ion Ratio Lower Upper

62 100

64 92.8 24.0 44.6#

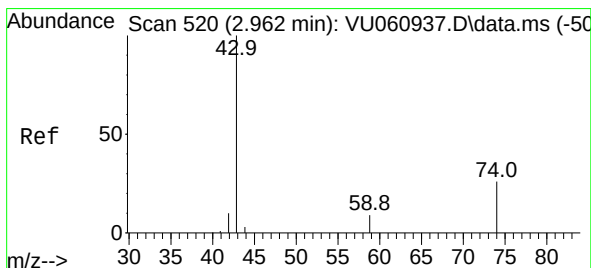
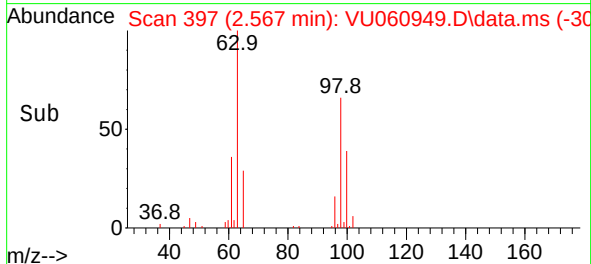
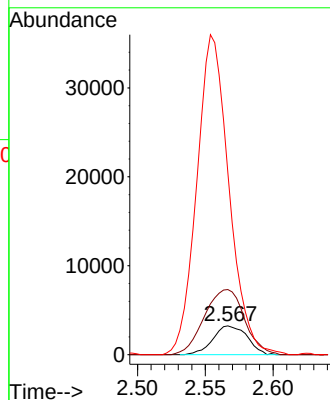
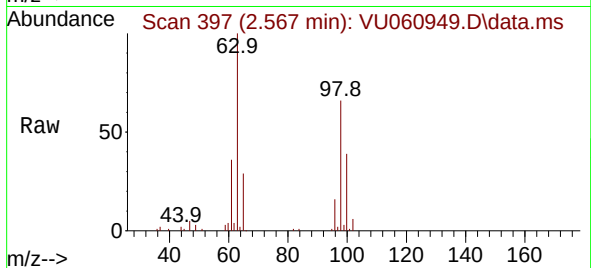




#12
1,1-Dichloroethene
Concen: 0.688 ug/L
RT: 2.567 min Scan# 30
Delta R.T. -0.006 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38

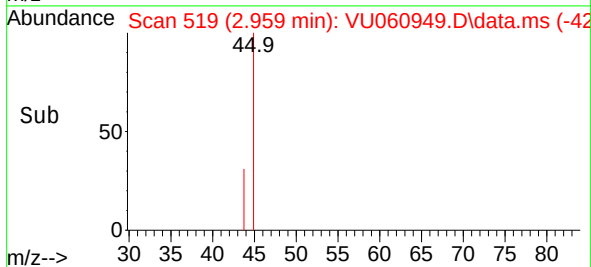
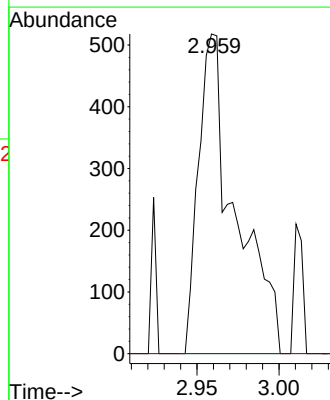
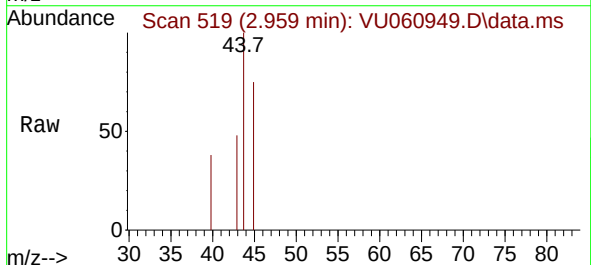
Instrument :
MSVOA_U
ClientSampleId :

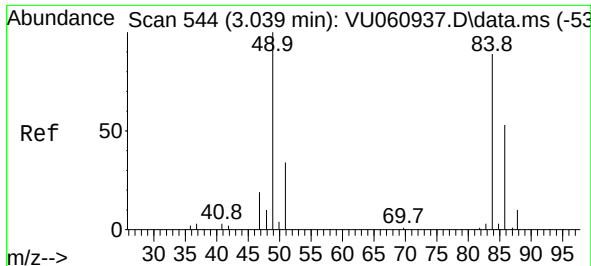
Tgt Ion: 96 Resp: 5691
Ion Ratio Lower Upper
96 100
61 226.5 120.7 224.1#
63 632.4 90.0 167.2#



#15
Methyl Acetate
Concen: 0.263 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38

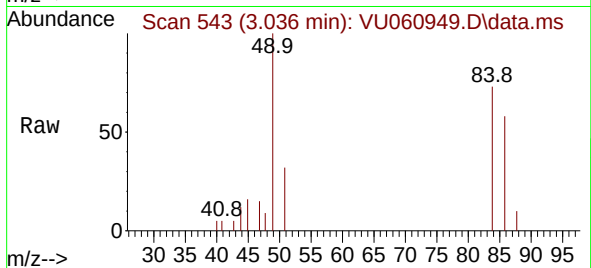
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



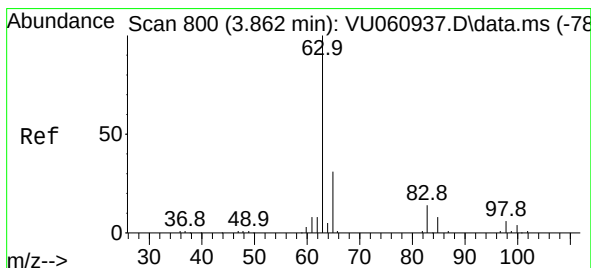
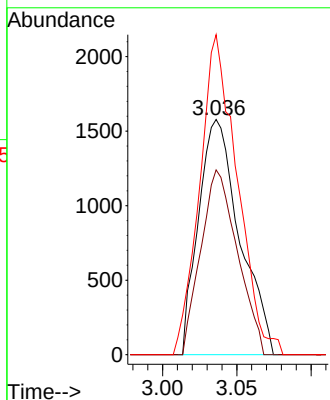
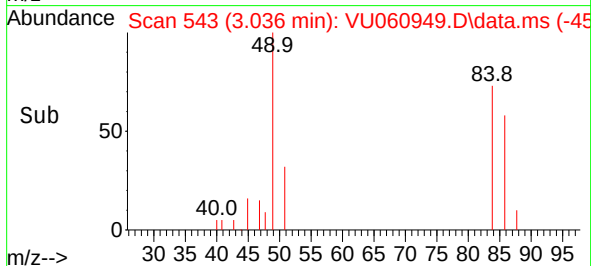


#16
Methylene chloride
Concen: 0.317 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38

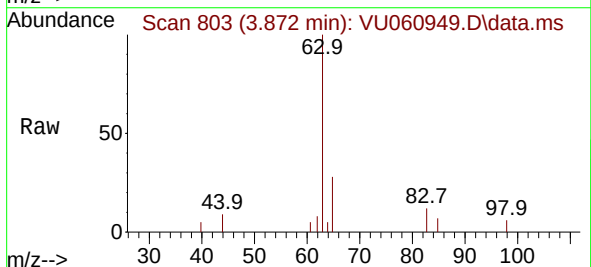
Instrument :
MSVOA_U
ClientSampleId :



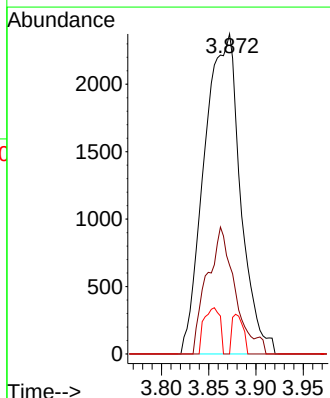
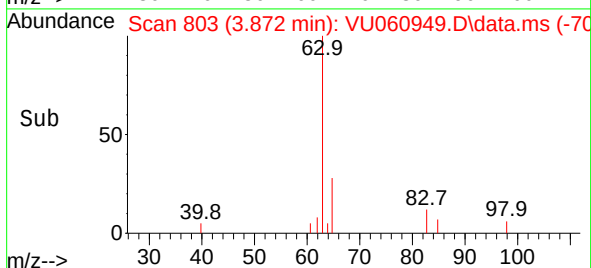
Tgt Ion: 84 Resp: 3037
Ion Ratio Lower Upper
84 100
86 78.6 47.3 87.8
49 136.1 78.7 146.1

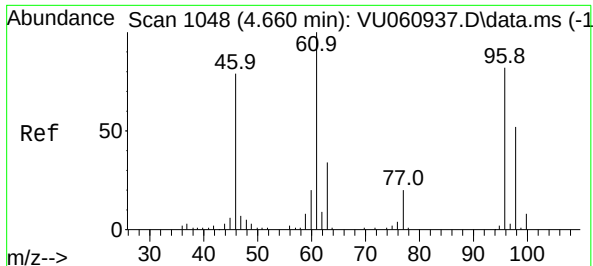


#19
1,1-Dichloroethane
Concen: 0.365 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.010 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38



Tgt Ion: 63 Resp: 6287
Ion Ratio Lower Upper
63 100
65 27.8 23.0 42.8
83 0.0 9.0 16.6#

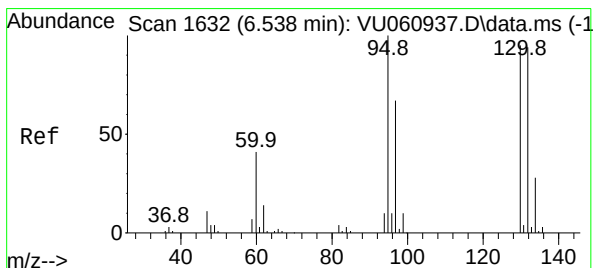
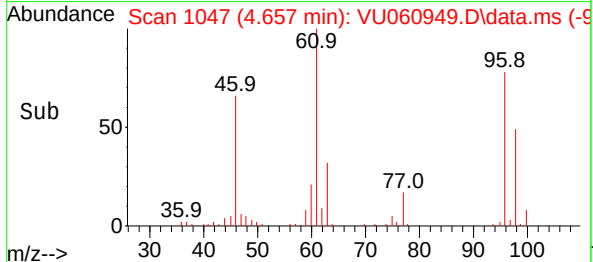
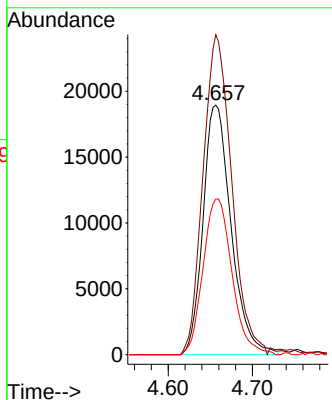
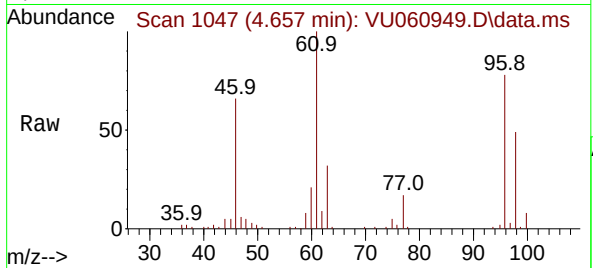




#22
cis-1,2-Dichloroethene
Concen: 4.627 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38

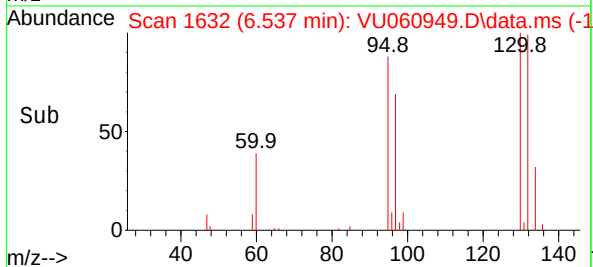
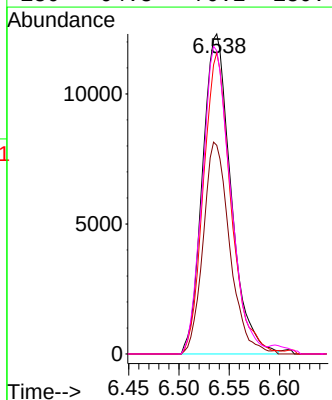
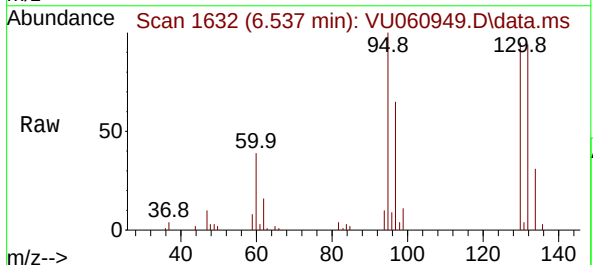
Instrument :
MSVOA_U
ClientSampleId :

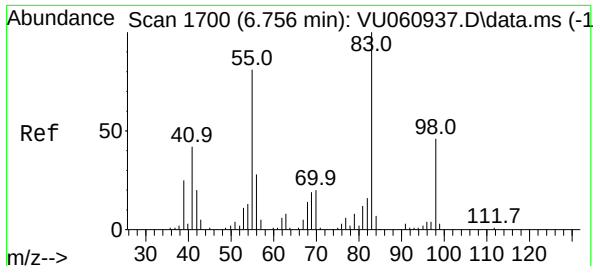
Tgt Ion: 96 Resp: 43896
Ion Ratio Lower Upper
96 100
61 128.2 89.7 166.5
98 63.8 45.1 83.9



#34
Trichloroethene
Concen: 2.510 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38

Tgt Ion: 95 Resp: 24221
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 94.2 63.5 117.9
130 94.8 70.2 130.4





#35

Methylcyclohexane

Concen: 0.781 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU060949.D

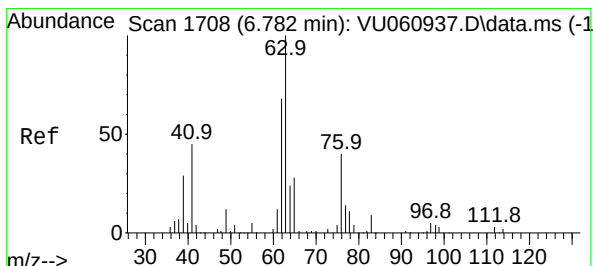
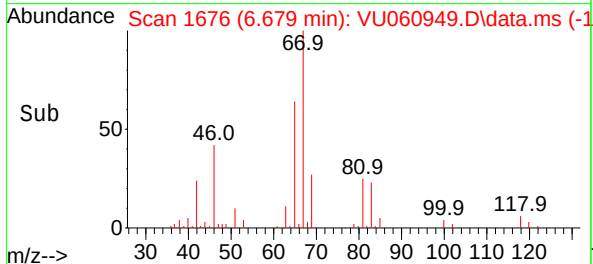
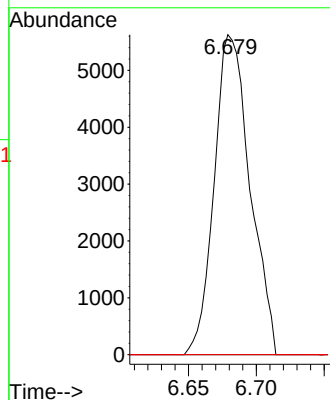
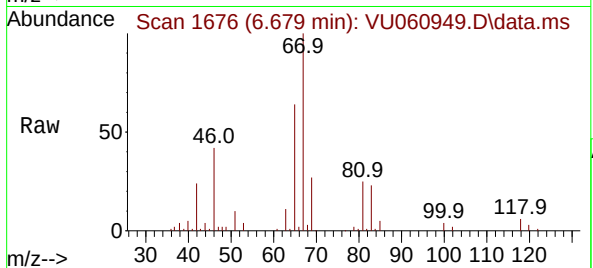
Acq: 20 Sep 2024 17:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 10340
Ion Ratio	Lower Upper
83 100	
55 0.0	62.6 94.0#
98 25.6	37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.486 ug/L

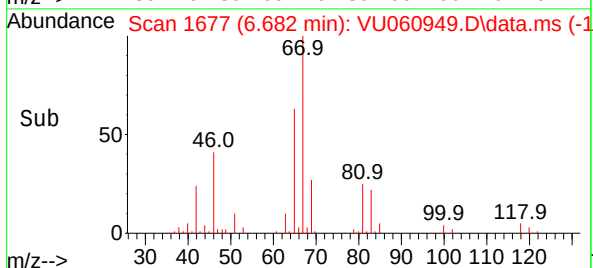
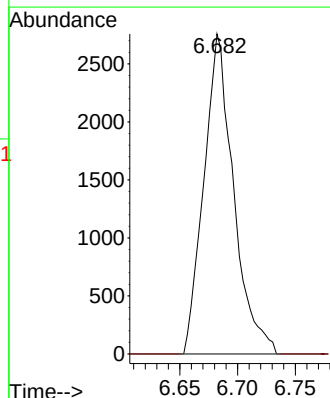
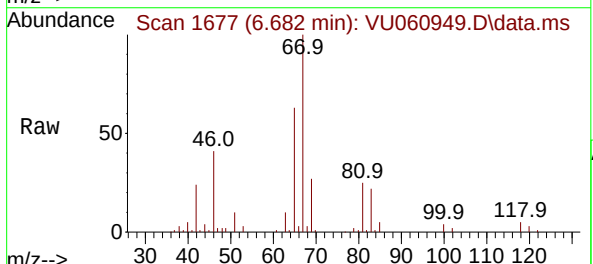
RT: 6.682 min Scan# 1677

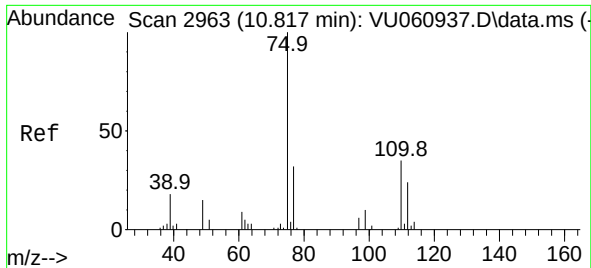
Delta R.T. -0.100 min

Lab File: VU060949.D

Acq: 20 Sep 2024 17:38

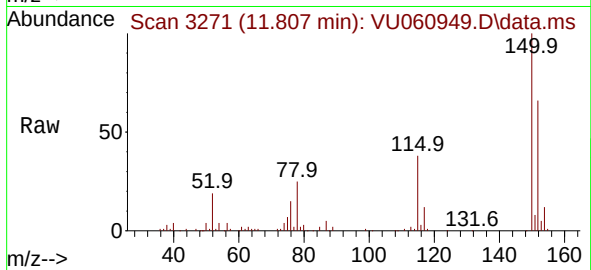
Tgt Ion: 63	Resp: 4932
Ion Ratio	Lower Upper
63 100	
112 0.0	2.0 3.0#





#61
1,2,3-Trichloropropane
Concen: 1.186 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060949.D
Acq: 20 Sep 2024 17:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.3	28.6	43.0#
77	31.0	26.3	39.5

