

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061255.D
 Acq On : 26 Oct 2024 03:38
 Operator : MD/SY
 Sample : P4560-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 05:08:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

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

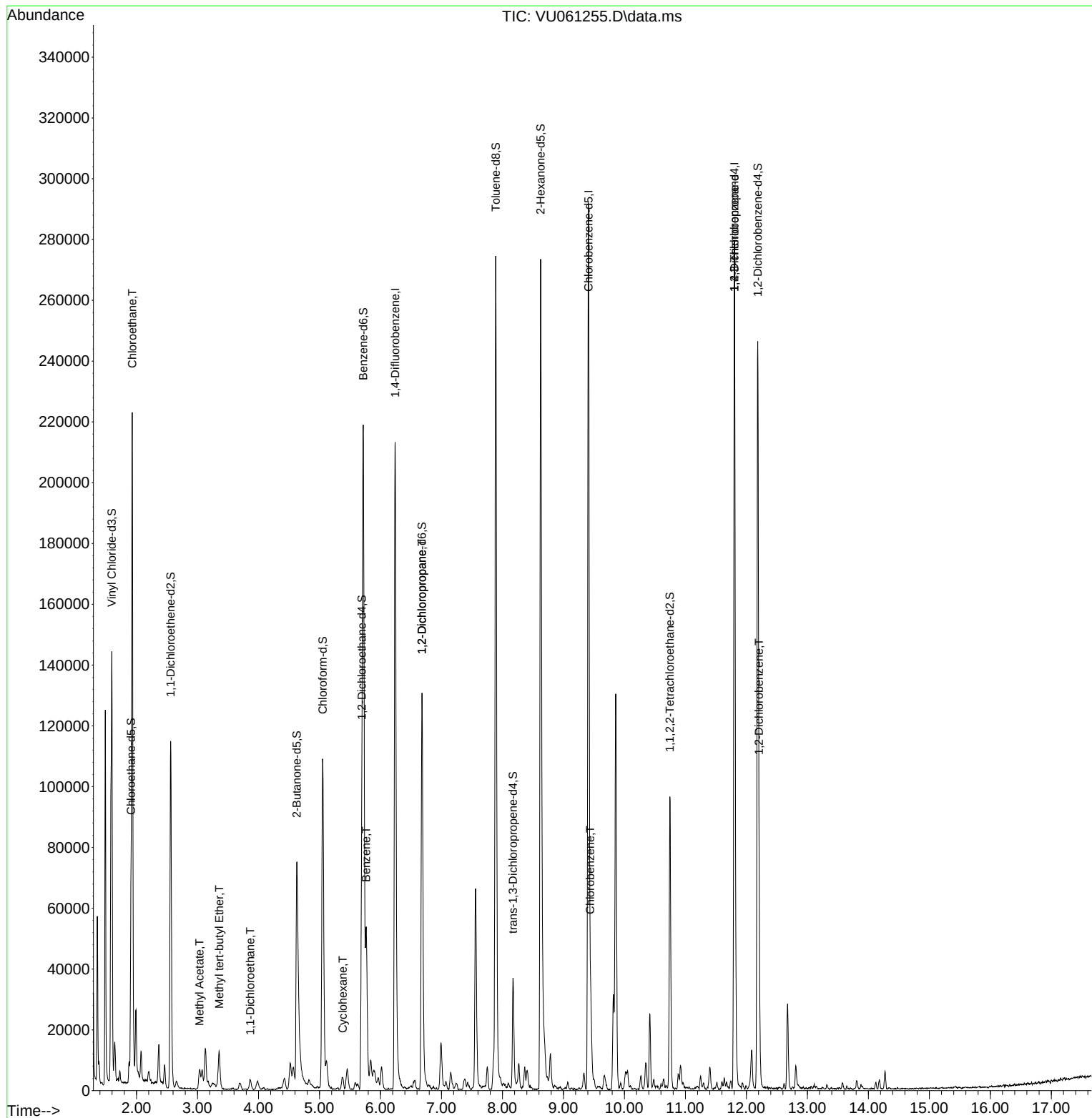
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	186664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46408	3.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.911	69	43377	3.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.560	65	21427	3.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.627	46	118799	46.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.300%
24) Chloroform-d	5.052	84	103950	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.695	65	54243	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.717	84	212549	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.679	67	64670	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	193475	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	23150	3.975	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.627	63	103696	43.477	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47755	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	61182	4.668	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
8) Chloroethane	1.930	64	135587	12.764	ug/L	100
15) Methyl Acetate	3.033	43	4245	1.051	ug/L #	47
17) Methyl tert-butyl Ether	3.357	73	3659	0.122	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4268	0.185	ug/L	99
30) Cyclohexane	5.383	56	2255	0.109	ug/L	95
33) Benzene	5.766	78	50358	0.967	ug/L	100
37) 1,2-Dichloropropane	6.679	63	7082	0.536	ug/L #	92
51) Chlorobenzene	9.441	112	10864	0.304	ug/L	92
61) 1,2,3-Trichloropropane	11.804	75	10551	1.431	ug/L #	70
67) 1,2-Dichlorobenzene	12.206	146	20222	0.903	ug/L	88

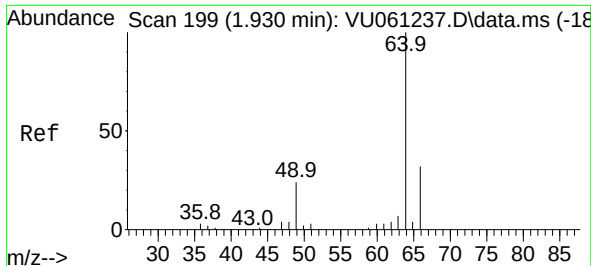
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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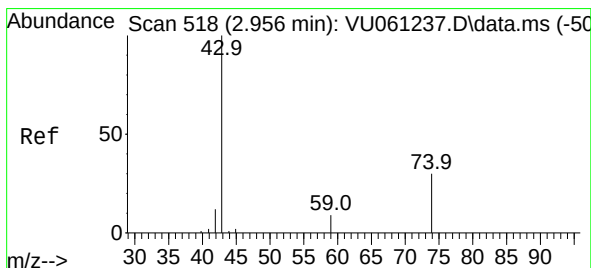
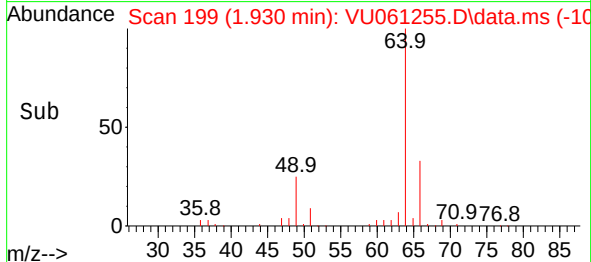
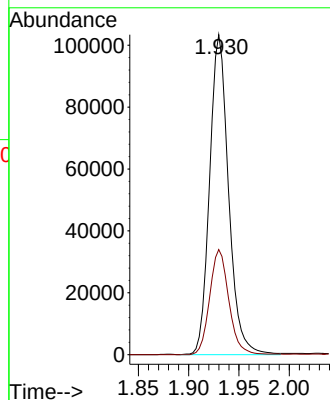
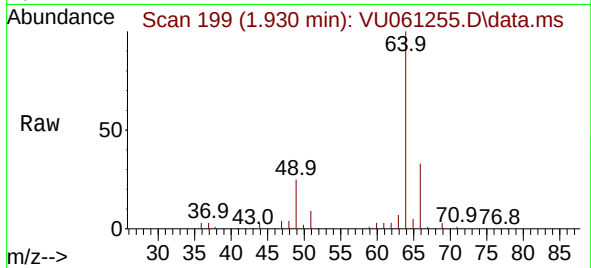




#8
Chloroethane
Concen: 12.764 ug/L
RT: 1.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061255.D
Acq: 26 Oct 2024 03:38

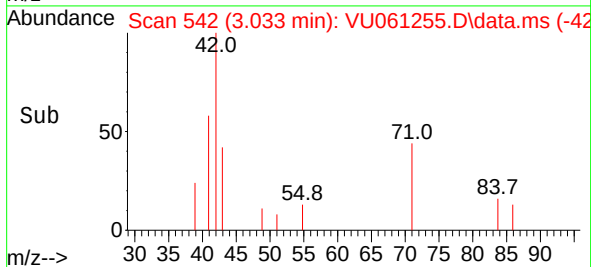
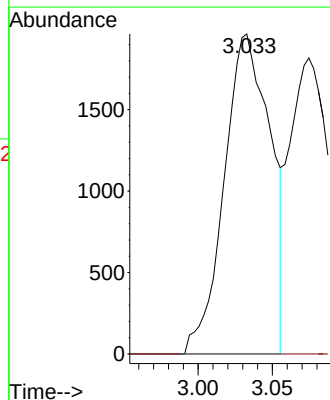
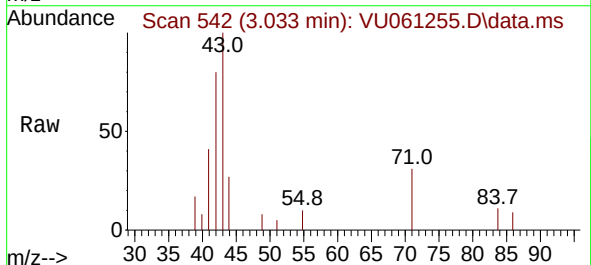
Instrument :
MSVOA_U
ClientSampleId :

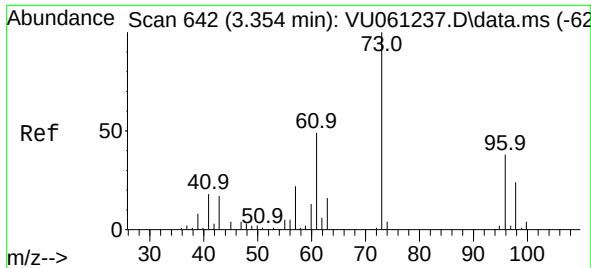
Tgt Ion: 64 Resp: 135587
Ion Ratio Lower Upper
64 100
66 32.9 23.1 42.9



#15
Methyl Acetate
Concen: 1.051 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.077 min
Lab File: VU061255.D
Acq: 26 Oct 2024 03:38

Tgt Ion: 43 Resp: 4245
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#

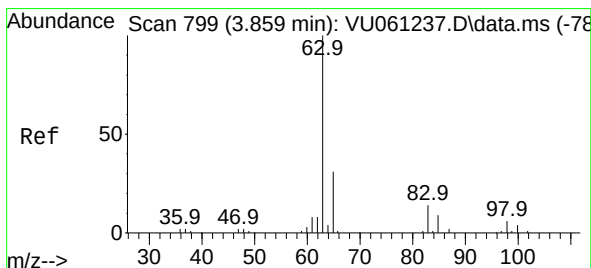
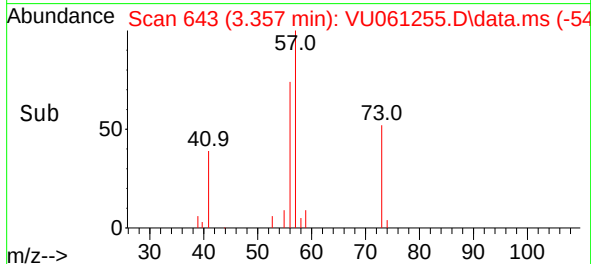
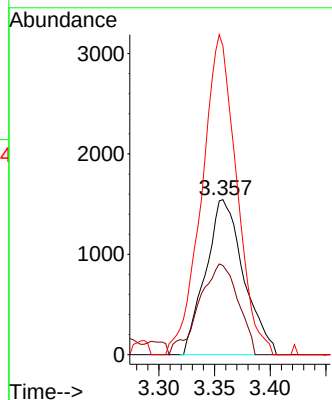
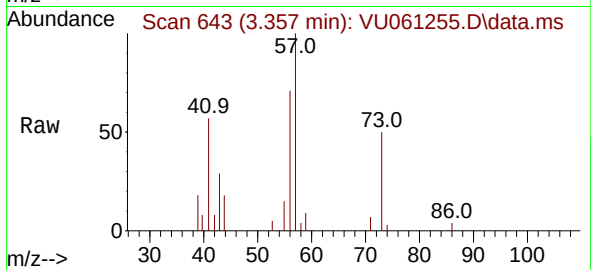




#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061255.D
Acq: 26 Oct 2024 03:38

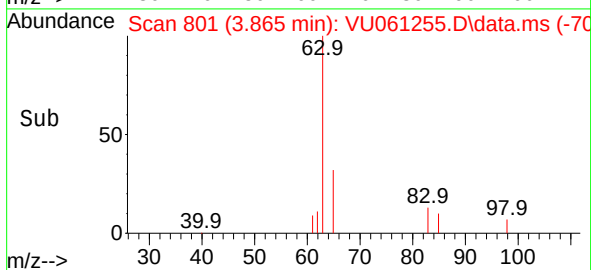
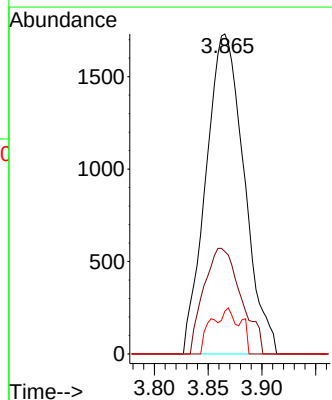
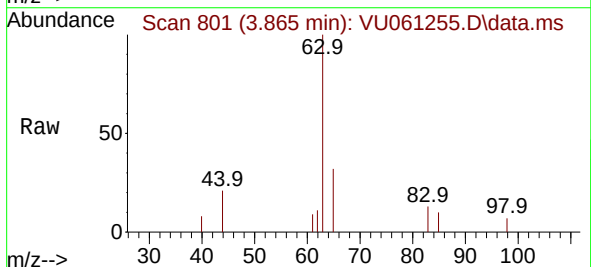
Instrument :
MSVOA_U
ClientSampleId :

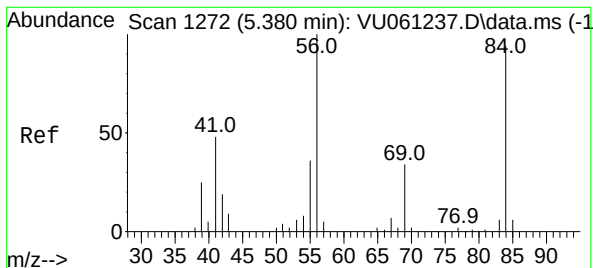
Tgt Ion: 73 Resp: 3659
Ion Ratio Lower Upper
73 100
43 59.8 15.0 22.4#
57 189.3 17.0 25.6#



#19
1,1-Dichloroethane
Concen: 0.185 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU061255.D
Acq: 26 Oct 2024 03:38

Tgt Ion: 63 Resp: 4268
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.3 9.7 17.9





#30

Cyclohexane

Concen: 0.109 ug/L

RT: 5.383 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU061255.D

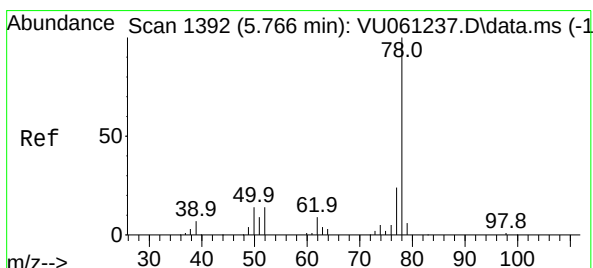
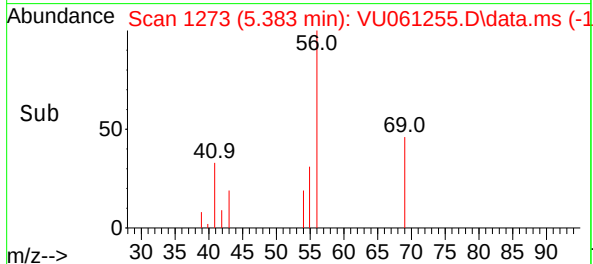
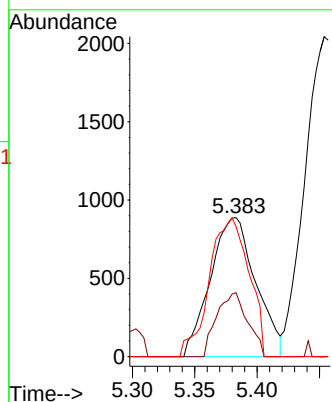
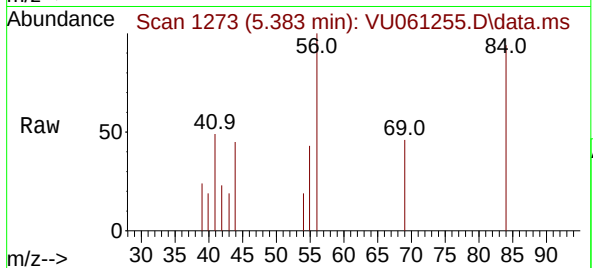
Acq: 26 Oct 2024 03:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	2255
Ion Ratio	Lower	Upper	
56	100		
69	31.3	25.8	38.6
84	86.6	73.9	110.9



#33

Benzene

Concen: 0.967 ug/L

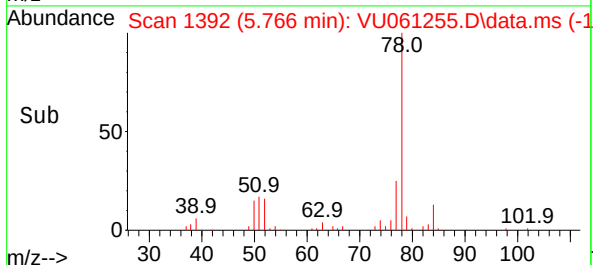
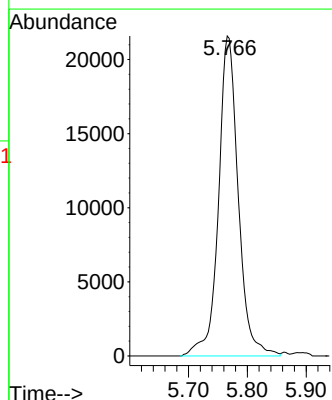
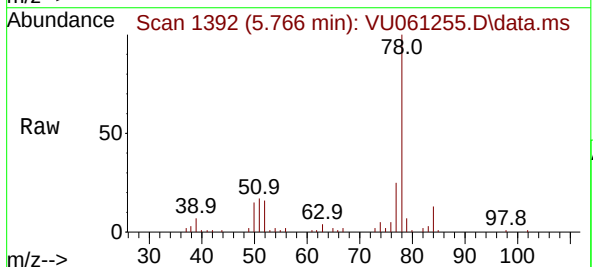
RT: 5.766 min Scan# 1392

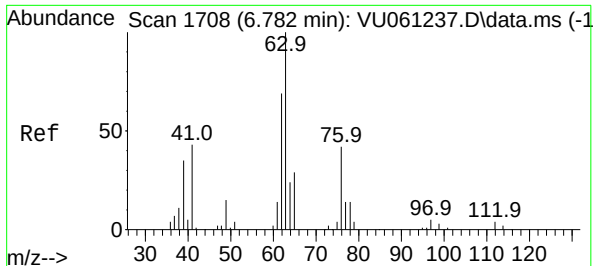
Delta R.T. -0.000 min

Lab File: VU061255.D

Acq: 26 Oct 2024 03:38

Tgt Ion: 78 Resp: 50358

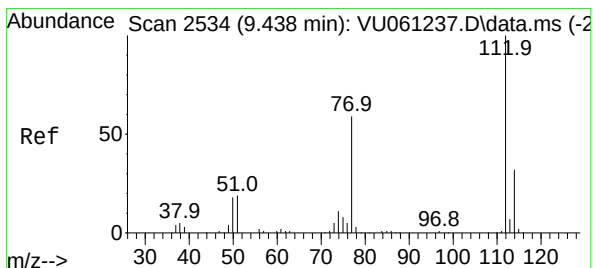
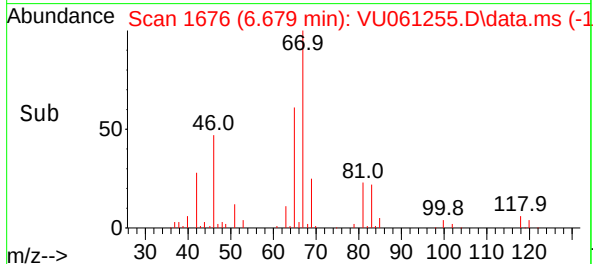
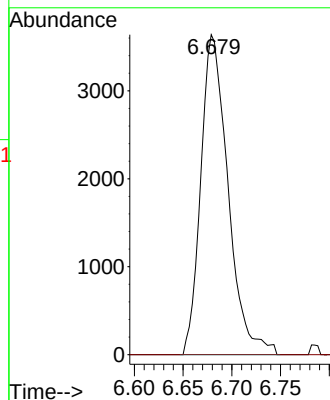
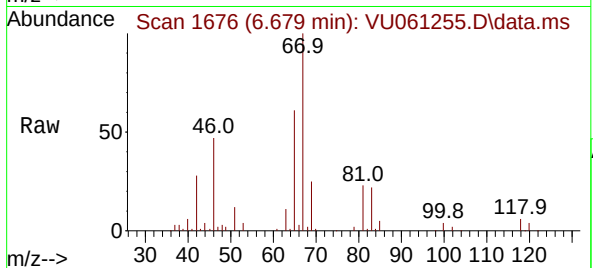




#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061255.D
Acq: 26 Oct 2024 03:38

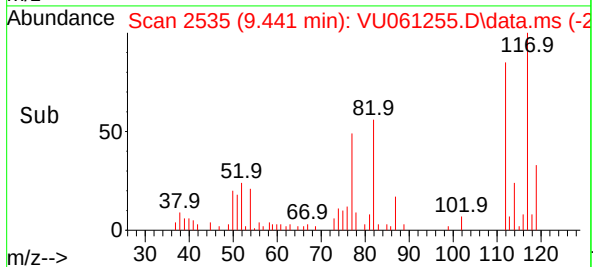
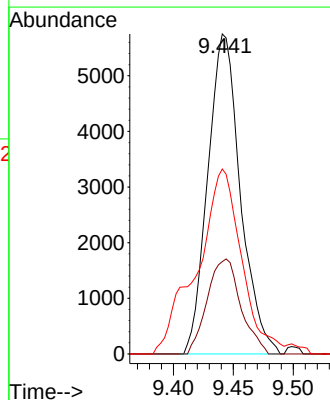
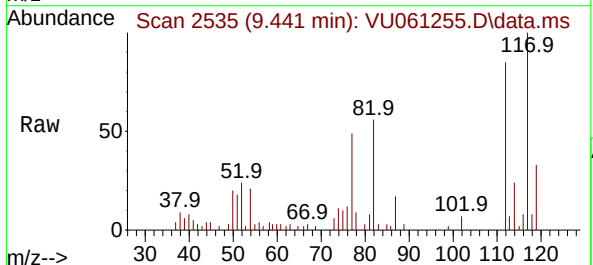
Instrument :
MSVOA_U
ClientSampleId :

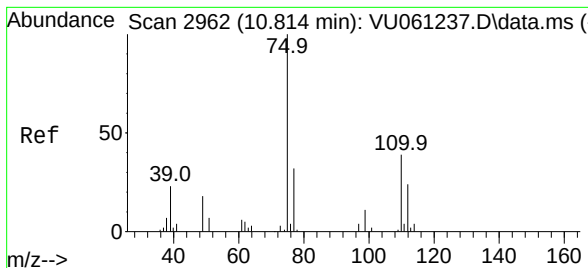
Tgt Ion: 63 Resp: 7082
Ion Ratio Lower Upper
63 100
112 1.1 3.0 4.4#



#51
Chlorobenzene
Concen: 0.304 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061255.D
Acq: 26 Oct 2024 03:38

Tgt Ion:112 Resp: 10864
Ion Ratio Lower Upper
112 100
114 26.7 22.9 42.5
77 53.6 47.1 70.7





#61

1,2,3-Trichloropropane

Concen: 1.431 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU061255.D

Acq: 26 Oct 2024 03:38

Instrument :

MSVOA_U

ClientSampleId :

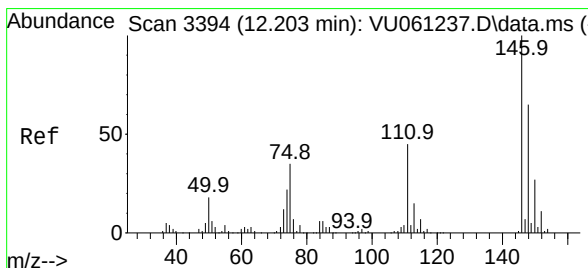
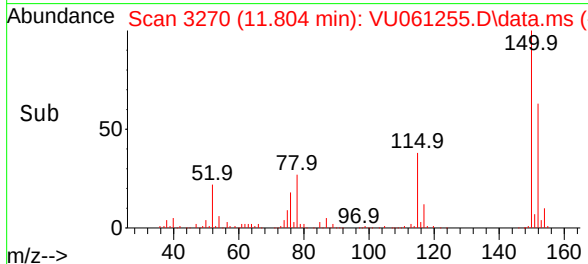
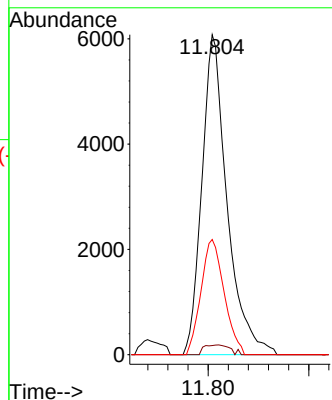
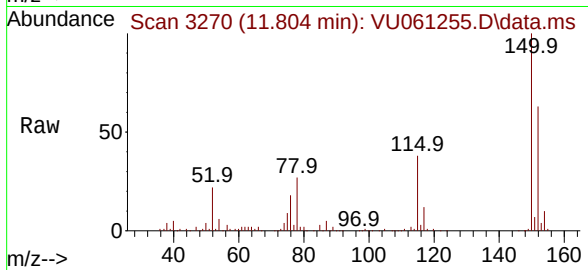
Tgt Ion: 75 Resp: 10551

Ion Ratio Lower Upper

75 100

110 3.1 28.8 43.2#

77 33.1 25.7 38.5



#67

1,2-Dichlorobenzene

Concen: 0.903 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061255.D

Acq: 26 Oct 2024 03:38

Tgt Ion:146 Resp: 20222

Ion Ratio Lower Upper

146 100

111 37.3 35.2 52.8

148 54.4 51.3 76.9

