

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059791.D
 Acq On : 03 Jul 2024 12:32
 Operator : MD/SY
 Sample : P3121-09DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

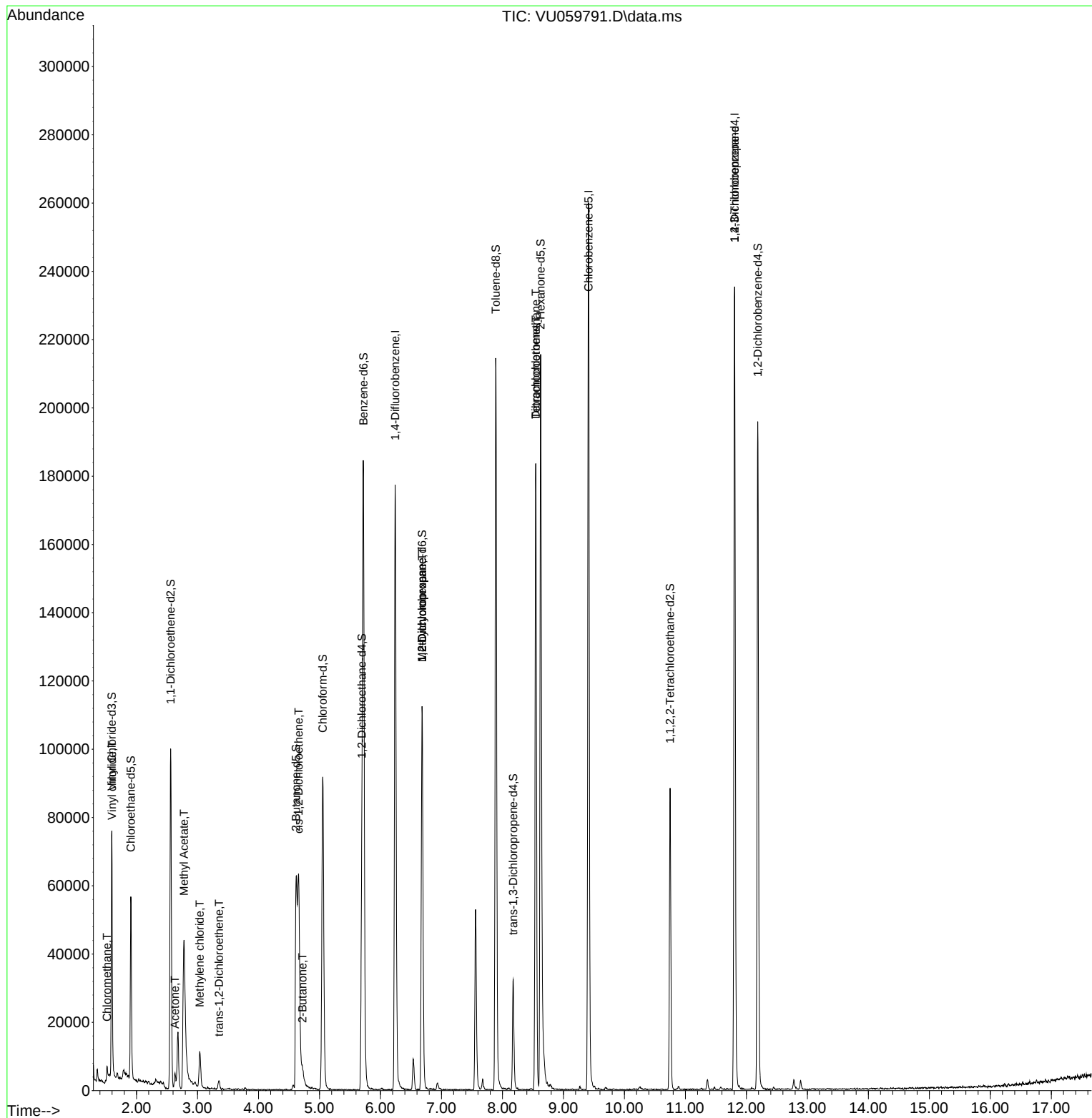
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151627	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50080	4.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.907	69	41910	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	18497	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.618	46	97180	44.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.500%
24) Chloroform-d	5.055	84	90393	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.695	65	45081	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.721	84	181255	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	57493	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	154289	3.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	19861	4.749	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.624	63	75711	43.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46637	4.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	57057	4.574	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2249	0.163	ug/L	95
5) Vinyl chloride	1.599	62	4507	0.295	ug/L #	76
13) Acetone	2.631	43	6149	4.365	ug/L	95
15) Methyl Acetate	2.779	43	18736	5.040	ug/L #	55
16) Methylene chloride	3.036	84	5873	0.461	ug/L	88
18) trans-1,2-Dichloroethene	3.354	96	1232	0.110	ug/L	79
21) 2-Butanone	4.721	43	9109	4.031	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	28934	2.347	ug/L	96
35) Methylcyclohexane	6.682	83	12939	0.698	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	5831	0.469	ug/L #	90
47) Tetrachloroethene	8.547	164	42585	4.214	ug/L	94
49) Dibromochloromethane	8.547	129	39433	3.882	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7931	1.225	ug/L #	71

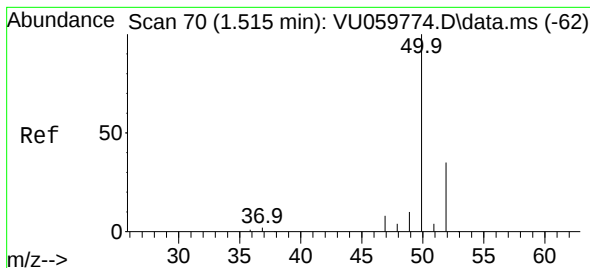
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059791.D
Acq On : 03 Jul 2024 12:32
Operator : MD/SY
Sample : P3121-09DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 72 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 04 00:58:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 03 06:10:28 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.163 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU059791.D

Acq: 03 Jul 2024 12:32

Instrument :

MSVOA_U

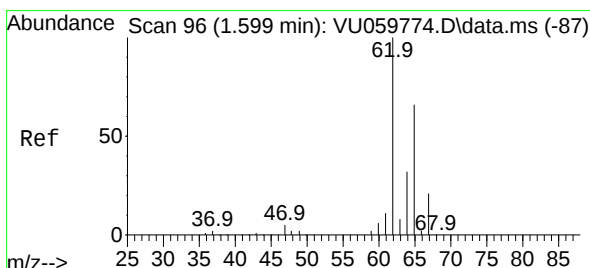
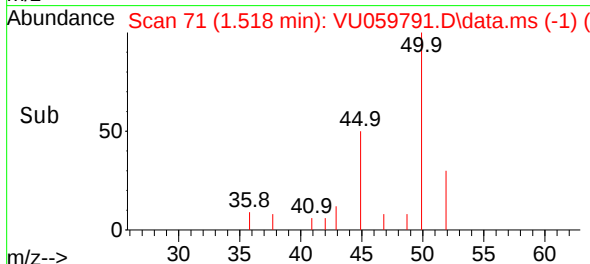
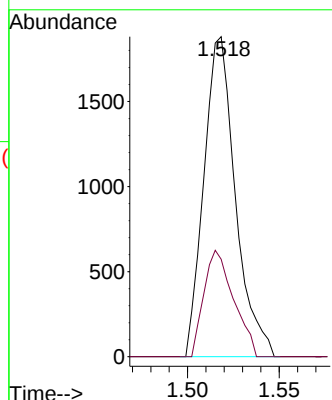
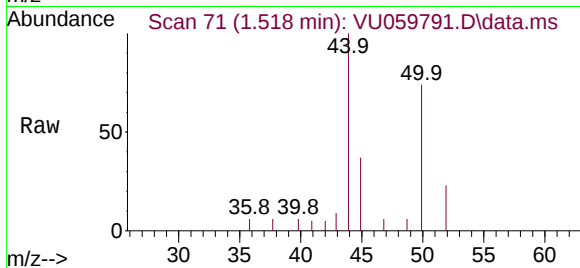
ClientSampleId :

Tgt Ion: 50 Resp: 2249

Ion Ratio Lower Upper

50 100

52 30.5 23.2 43.0



#5

Vinyl chloride

Concen: 0.295 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059791.D

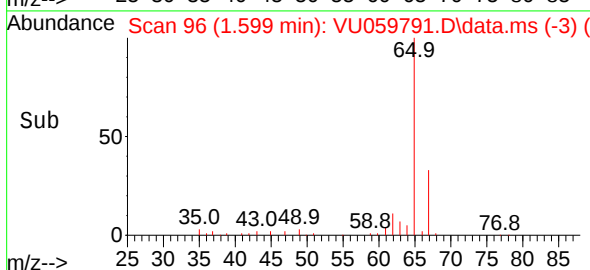
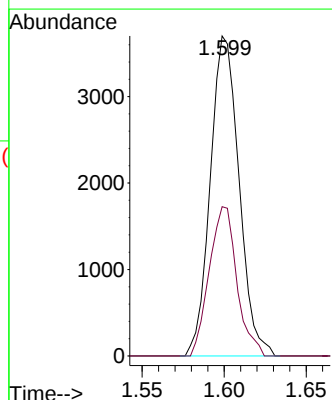
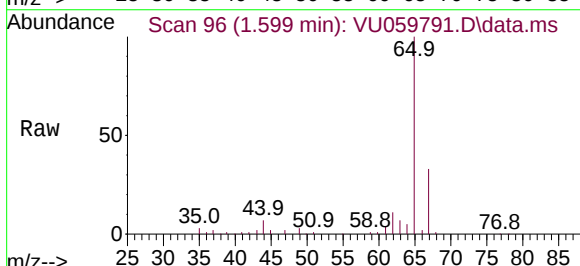
Acq: 03 Jul 2024 12:32

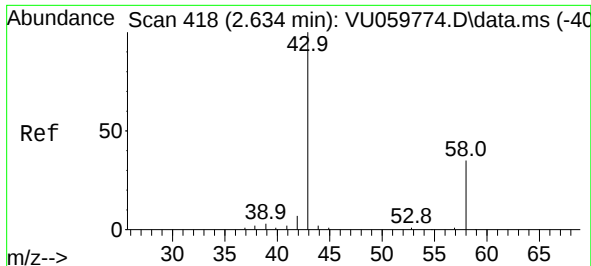
Tgt Ion: 62 Resp: 4507

Ion Ratio Lower Upper

62 100

64 46.6 23.1 42.9#





#13

Acetone

Concen: 4.365 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU059791.D

Acq: 03 Jul 2024 12:32

Instrument :

MSVOA_U

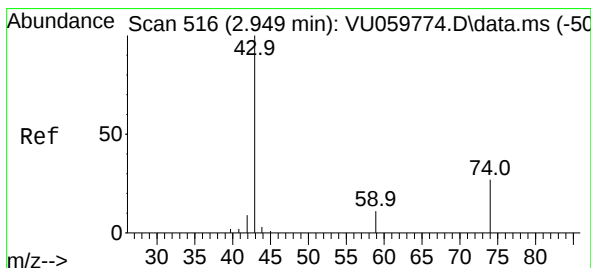
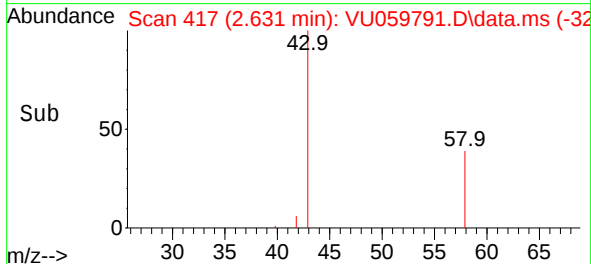
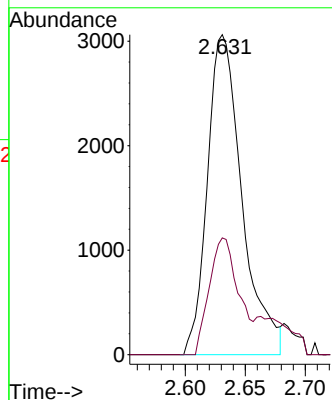
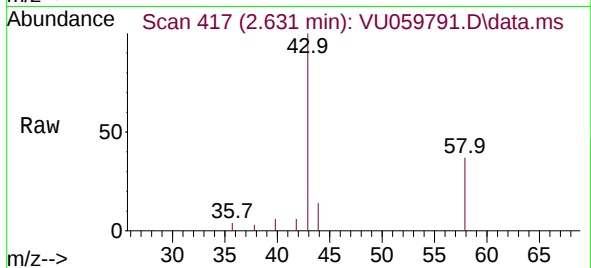
ClientSampleId :

Tgt Ion: 43 Resp: 6149

Ion Ratio Lower Upper

43 100

58 31.2 0.0 68.0



#15

Methyl Acetate

Concen: 5.040 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.170 min

Lab File: VU059791.D

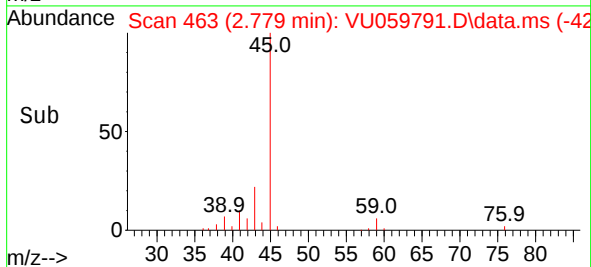
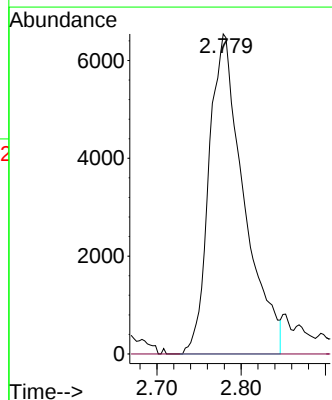
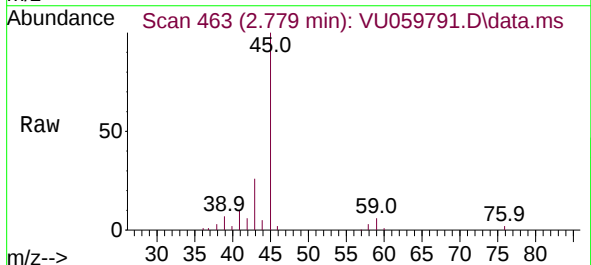
Acq: 03 Jul 2024 12:32

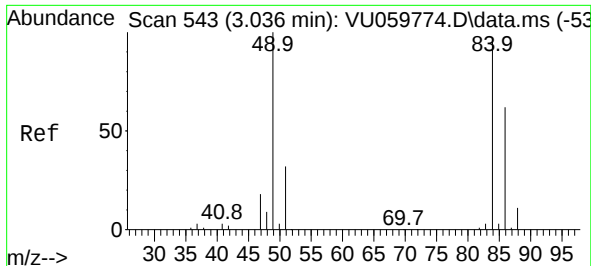
Tgt Ion: 43 Resp: 18736

Ion Ratio Lower Upper

43 100

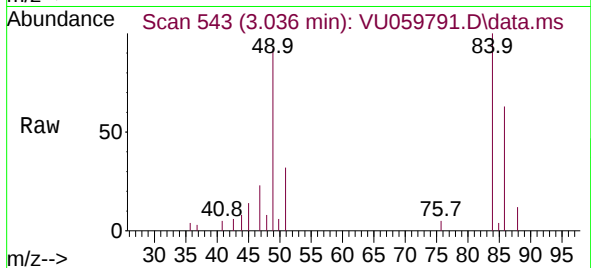
74 1.6 19.2 28.8#



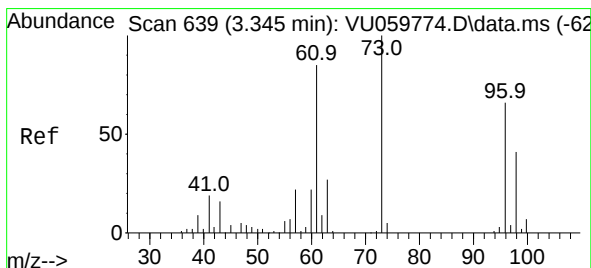
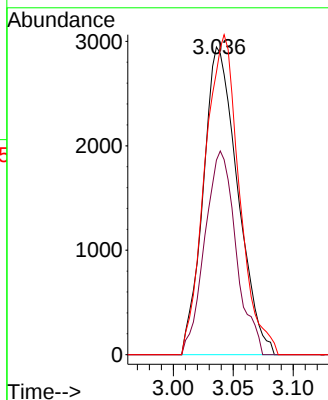
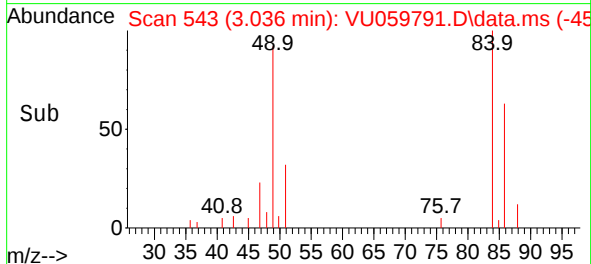


#16
Methylene chloride
Concen: 0.461 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

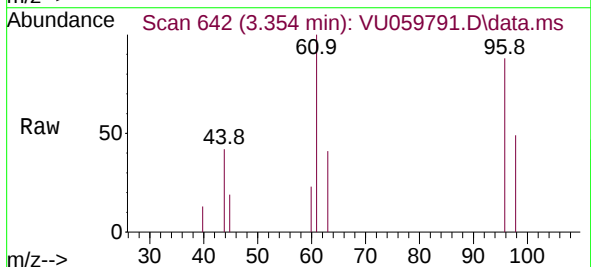
Instrument :
MSVOA_U
ClientSampleId :



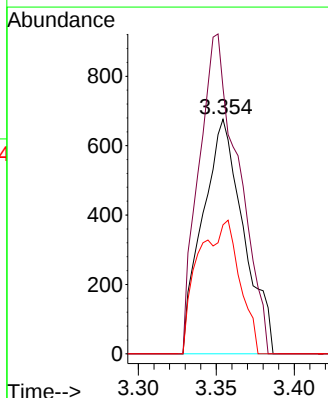
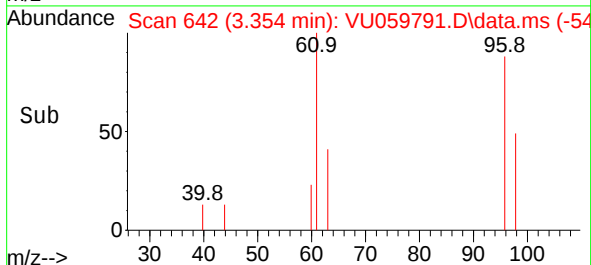
Tgt Ion: 84 Resp: 5873
Ion Ratio Lower Upper
84 100
86 63.2 42.1 78.1
49 97.7 80.6 149.8

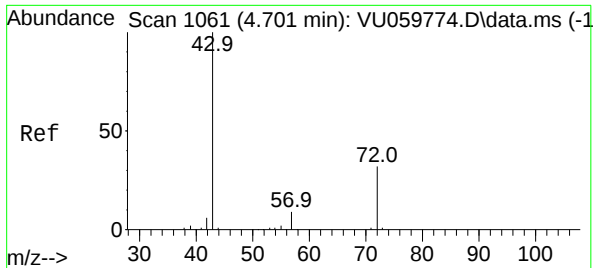


#18
trans-1,2-Dichloroethene
Concen: 0.110 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32



Tgt Ion: 96 Resp: 1232
Ion Ratio Lower Upper
96 100
61 113.5 101.8 189.0
98 55.0 43.3 80.5

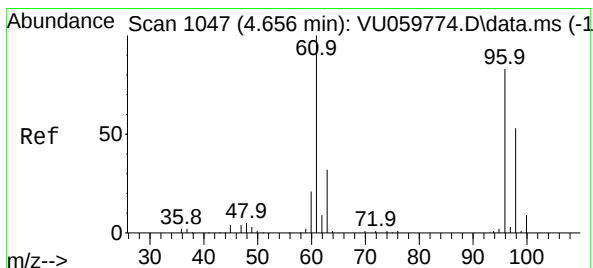
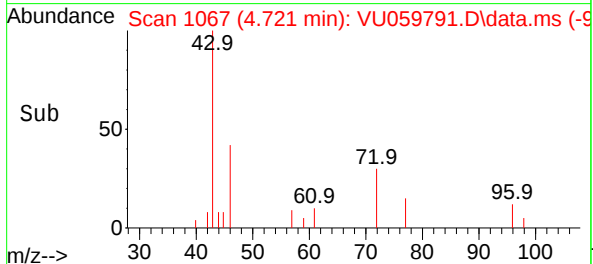
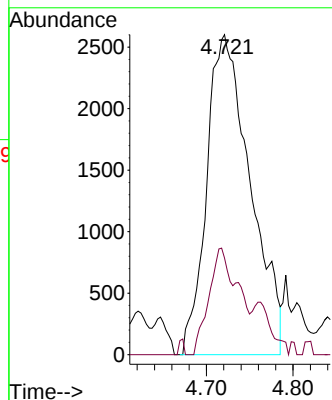
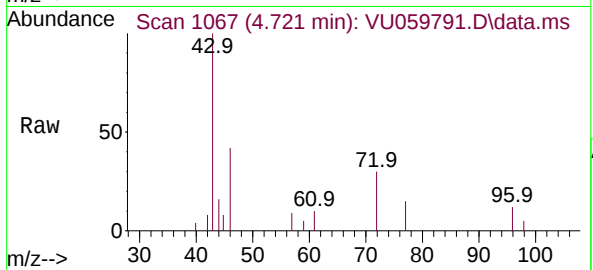




#21
2-Butanone
Concen: 4.031 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

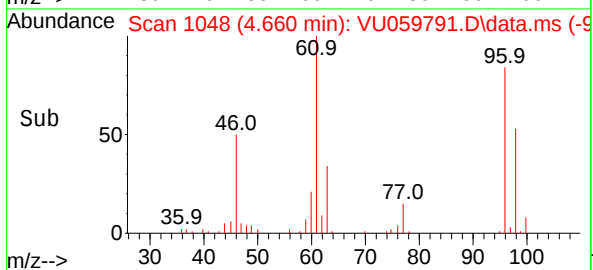
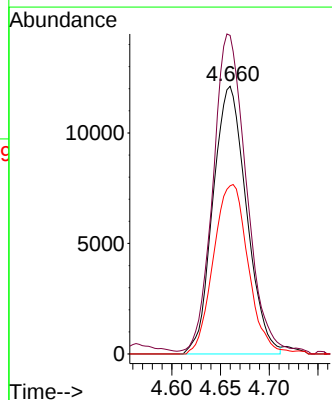
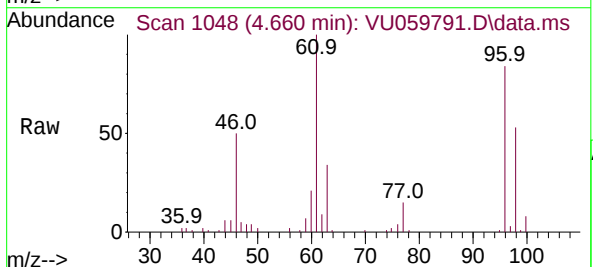
Instrument :
MSVOA_U
ClientSampleId :

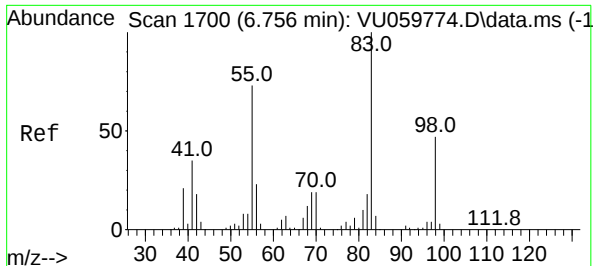
Tgt Ion: 43 Resp: 9109
Ion Ratio Lower Upper
43 100
72 16.1 13.8 41.4



#22
cis-1,2-Dichloroethene
Concen: 2.347 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059791.D
Acq: 03 Jul 2024 12:32

Tgt Ion: 96 Resp: 28934
Ion Ratio Lower Upper
96 100
61 119.0 87.4 162.2
98 62.8 42.3 78.5





#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059791.D

Acq: 03 Jul 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :

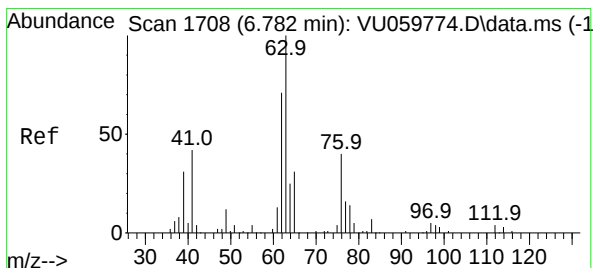
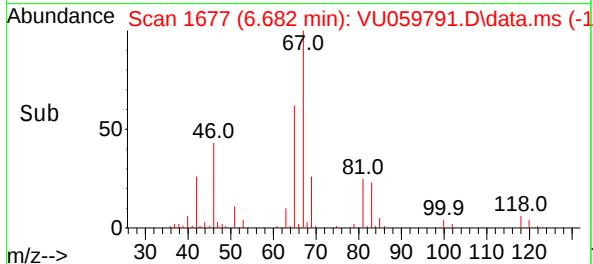
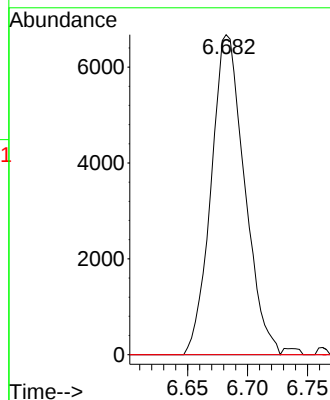
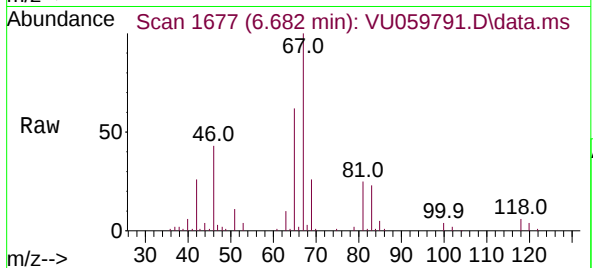
Tgt Ion: 83 Resp: 12939

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 2.5 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.469 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059791.D

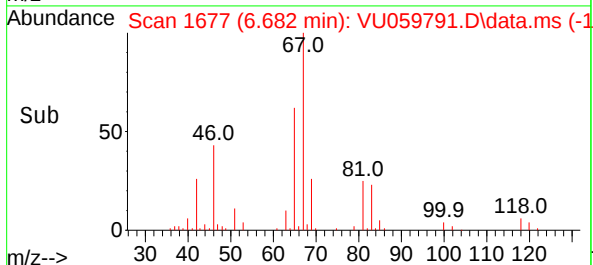
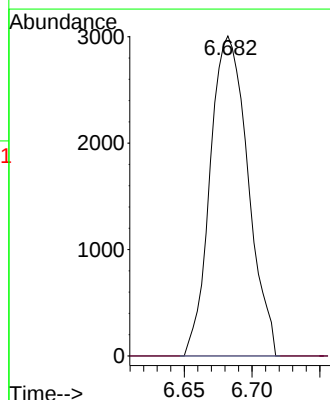
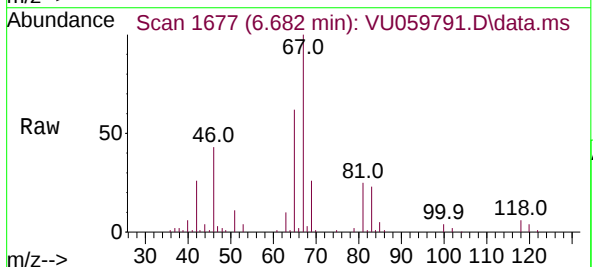
Acq: 03 Jul 2024 12:32

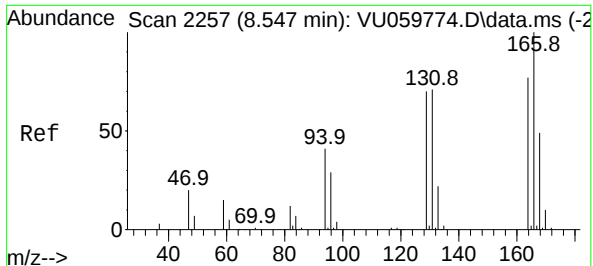
Tgt Ion: 63 Resp: 5831

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 4.214 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

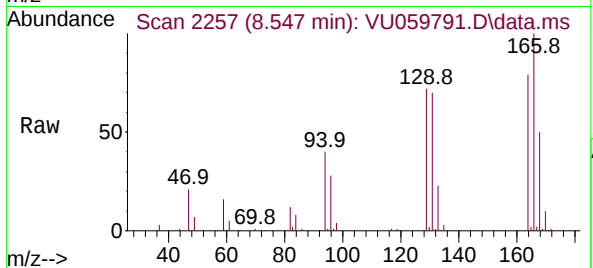
Lab File: VU059791.D

Acq: 03 Jul 2024 12:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 42585

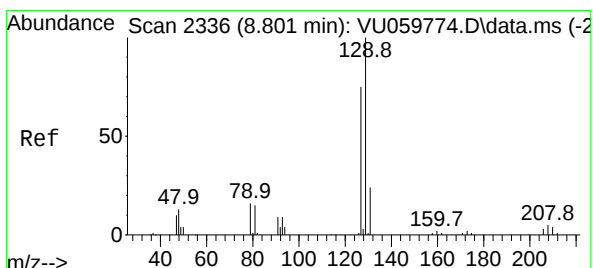
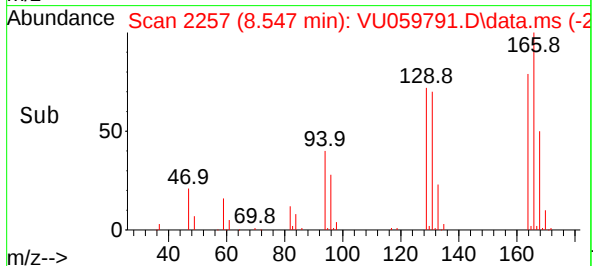
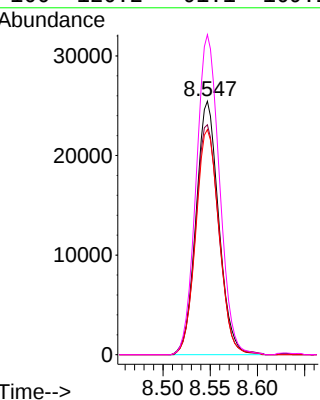
Ion Ratio Lower Upper

164 100

129 90.7 70.8 131.4

131 88.8 64.8 120.3

166 126.2 91.1 169.1



#49

Dibromochloromethane

Concen: 3.882 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059791.D

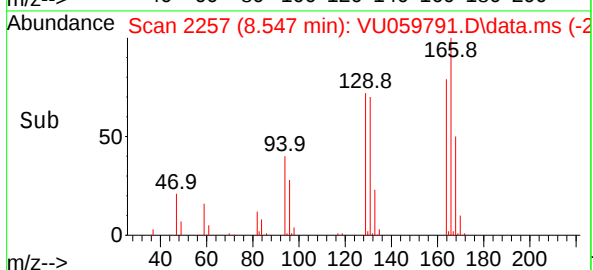
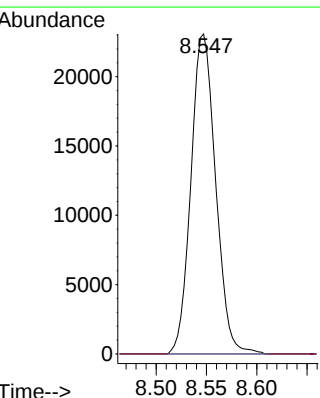
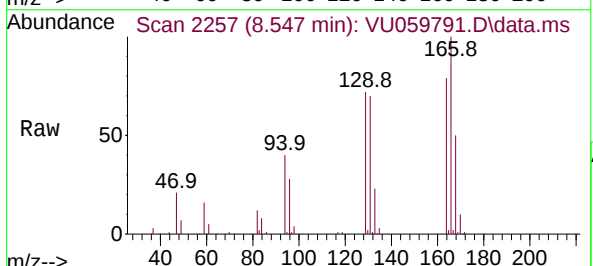
Acq: 03 Jul 2024 12:32

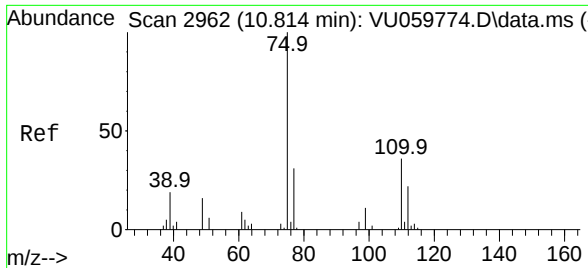
Tgt Ion:129 Resp: 39433

Ion Ratio Lower Upper

129 100

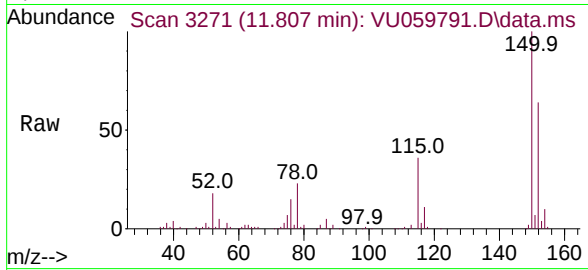
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU059791.D
 Acq: 03 Jul 2024 12:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	7931
Ion	Ratio	Lower	Upper
75	100		
110	1.7	27.1	40.7#
77	31.8	25.4	38.2

