

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059790.D
 Acq On : 03 Jul 2024 12:10
 Operator : MD/SY
 Sample : P3084-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:57:51 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	164459	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82370	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49322	4.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	42122	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	17964	3.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.618	46	95710	40.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.260%
24) Chloroform-d	5.055	84	87375	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.695	65	44102	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
32) Benzene-d6	5.721	84	180823	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.682	67	55988	3.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.891	98	154414	3.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.177	79	19151	4.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.624	63	74885	38.831	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46194	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58917	4.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%

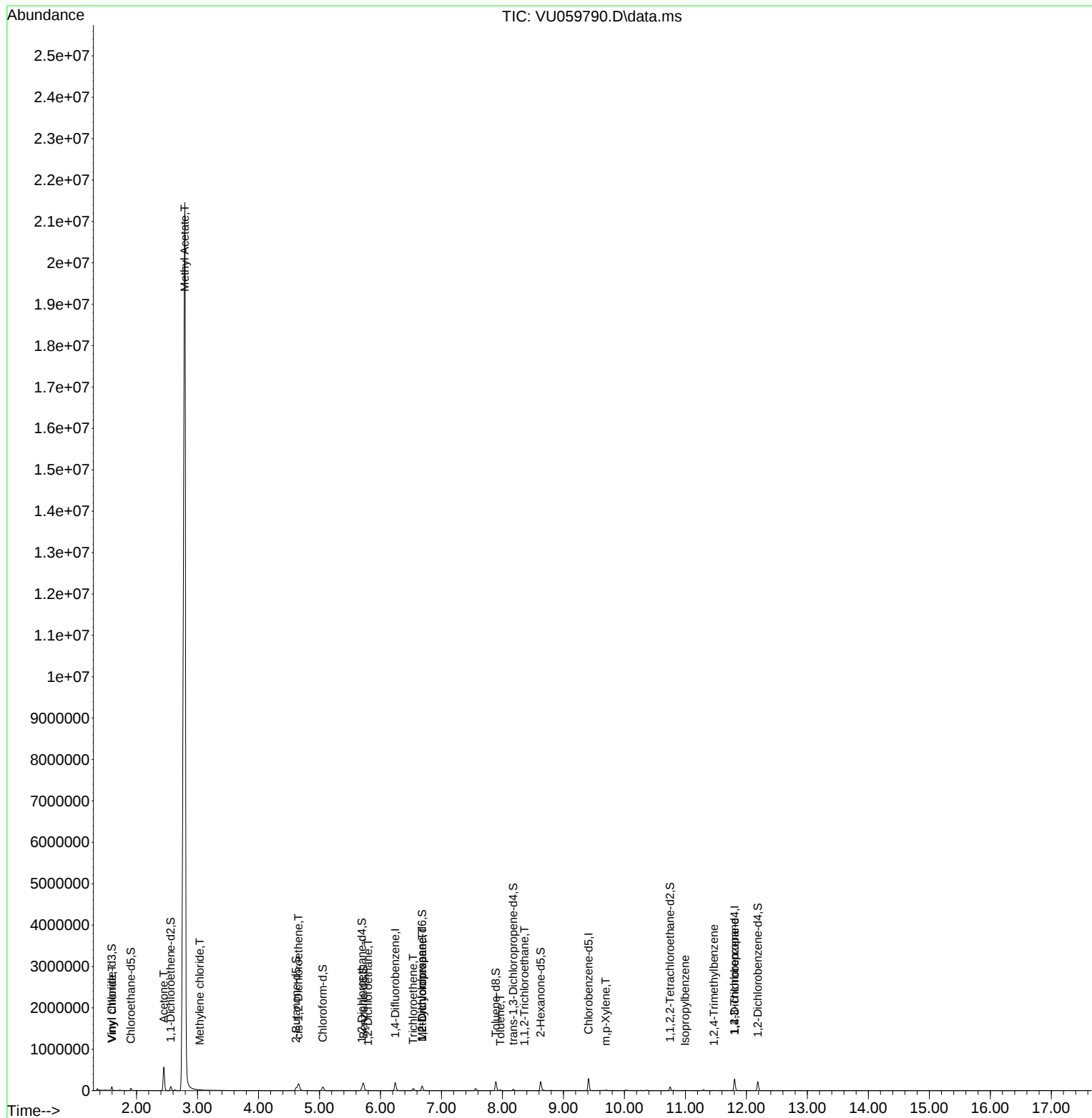
Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	7334	0.443	ug/L	89
13) Acetone	2.448	43	352436	230.647	ug/L	45
15) Methyl Acetate	2.792	43	6873686	1704.638	ug/L #	51
16) Methylene chloride	3.036	84	2413	0.175	ug/L #	73
22) cis-1,2-Dichloroethene	4.656	96	88937	6.652	ug/L	94
27) 1,2-Dichloroethane	5.795	62	3136	0.220	ug/L	98
34) Trichloroethene	6.537	95	18079	1.251	ug/L	92
35) Methylcyclohexane	6.682	83	12557	0.611	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	5522	0.400	ug/L #	90
42) Toluene	7.965	91	12546	0.222	ug/L	97
45) 1,1,2-Trichloroethane	8.361	97	1414	0.139	ug/L #	14
53) m,p-Xylene	9.692	106	2564	0.115	ug/L	99
60) Isopropylbenzene	10.997	105	3372	0.066	ug/L #	88
61) 1,2,3-Trichloropropane	11.804	75	9088	1.194	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.466	105	4125	0.107	ug/L	95

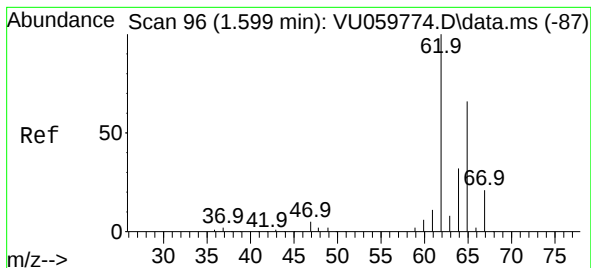
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 03 06:10:28 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.443 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

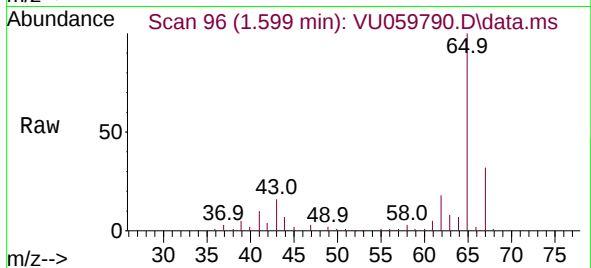
Lab File: VU059790.D

Acq: 03 Jul 2024 12:10

Instrument :

MSVOA_U

ClientSampleId :

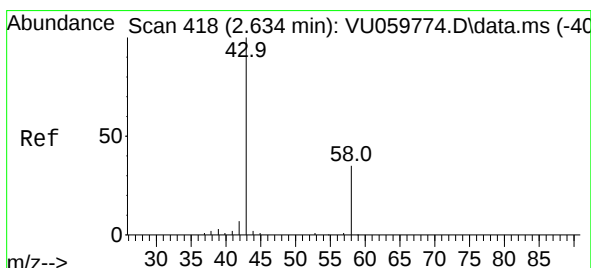
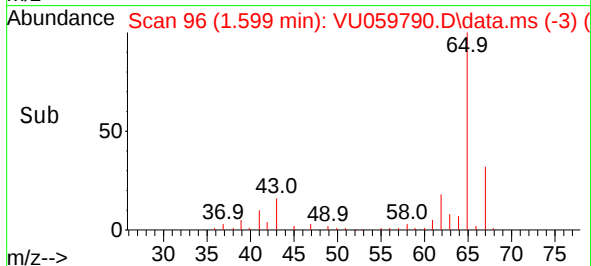
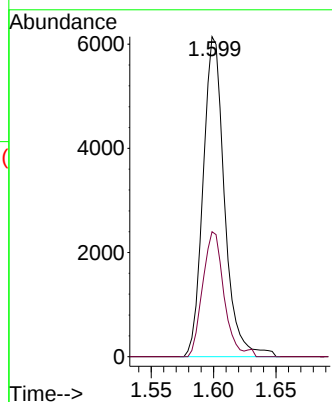


Tgt Ion: 62 Resp: 7334

Ion Ratio Lower Upper

62 100

64 39.1 23.1 42.9



#13

Acetone

Concen: 230.647 ug/L

RT: 2.448 min Scan# 360

Delta R.T. -0.186 min

Lab File: VU059790.D

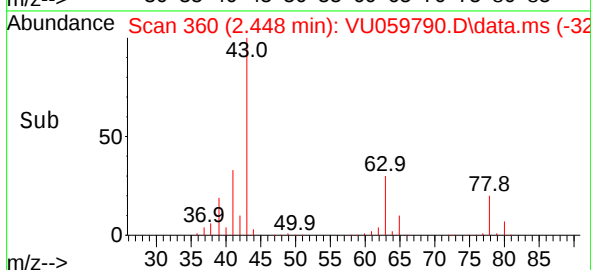
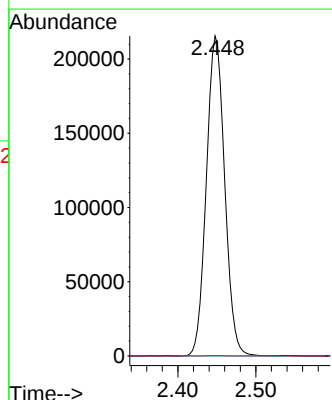
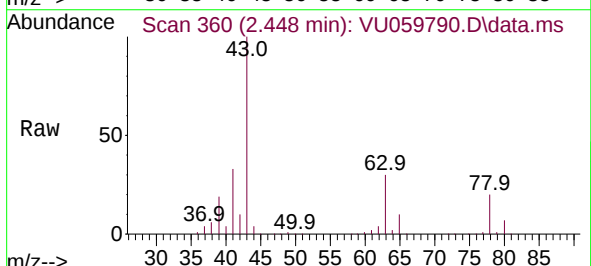
Acq: 03 Jul 2024 12:10

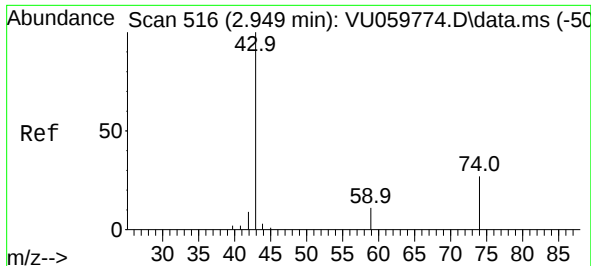
Tgt Ion: 43 Resp: 352436

Ion Ratio Lower Upper

43 100

58 2.5 0.0 68.0





#15

Methyl Acetate

Concen: 1704.638 ug/L

RT: 2.792 min Scan# 4

Delta R.T. -0.158 min

Lab File: VU059790.D

Acq: 03 Jul 2024 12:10

Instrument :

MSVOA_U

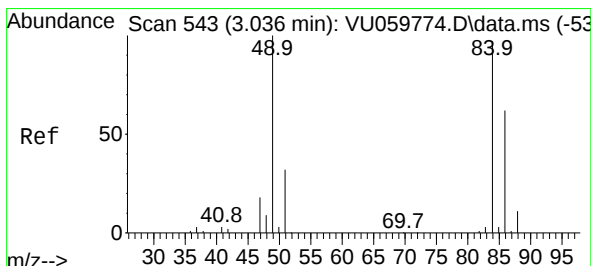
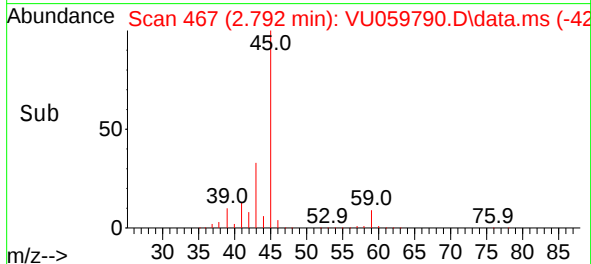
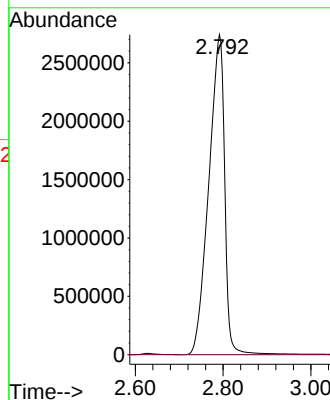
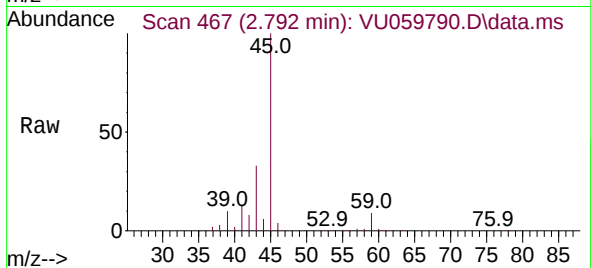
ClientSampleId :

Tgt Ion: 43 Resp: 6873686

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#16

Methylene chloride

Concen: 0.175 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059790.D

Acq: 03 Jul 2024 12:10

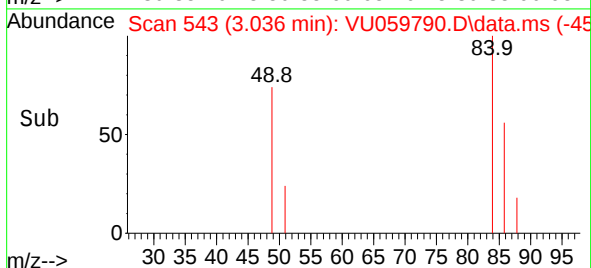
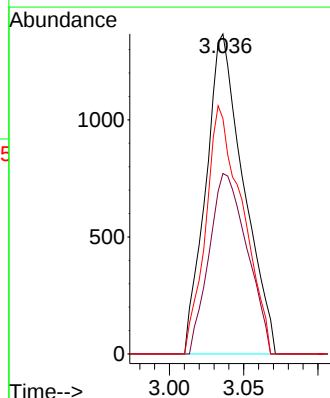
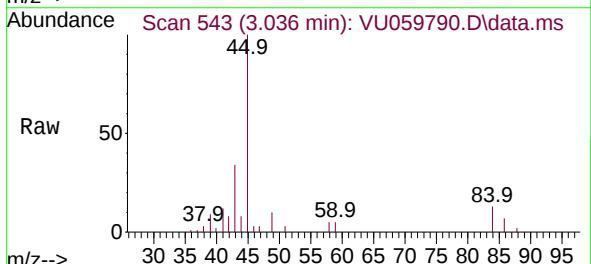
Tgt Ion: 84 Resp: 2413

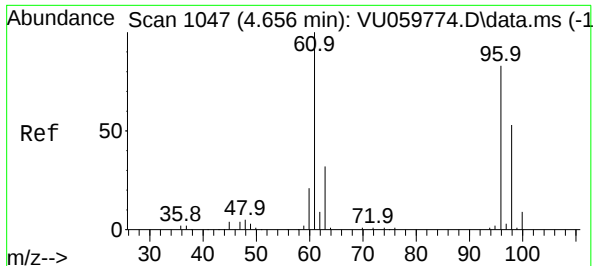
Ion Ratio Lower Upper

84 100

86 56.4 42.1 78.1

49 73.6 80.6 149.8#

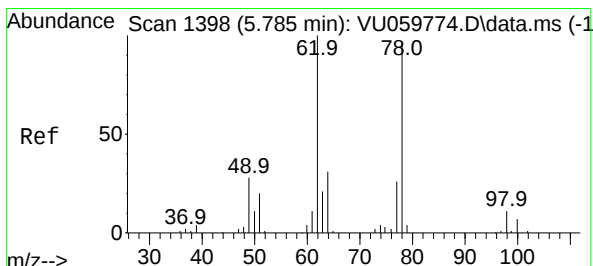
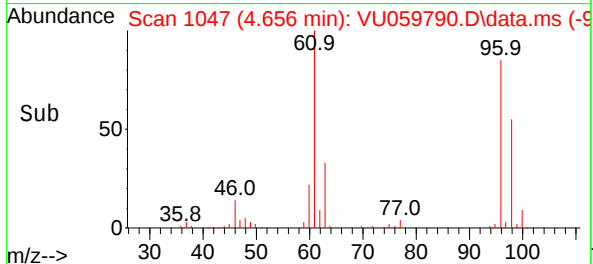
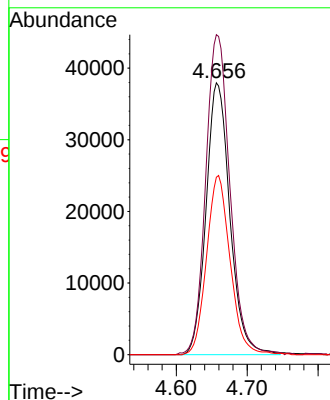
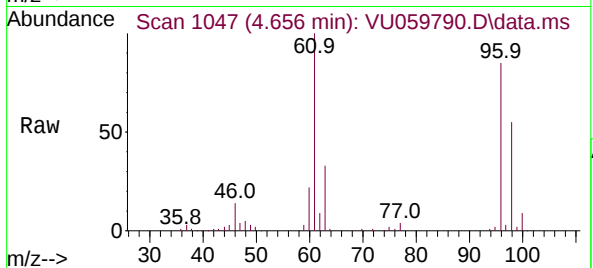




#22
 cis-1,2-Dichloroethene
 Concen: 6.652 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059790.D
 Acq: 03 Jul 2024 12:10

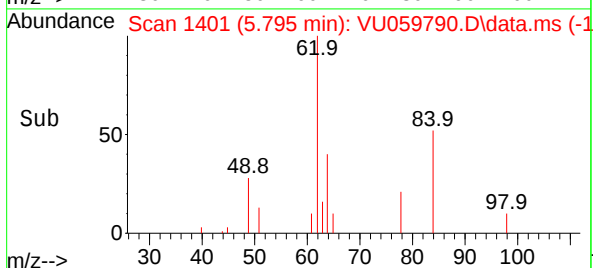
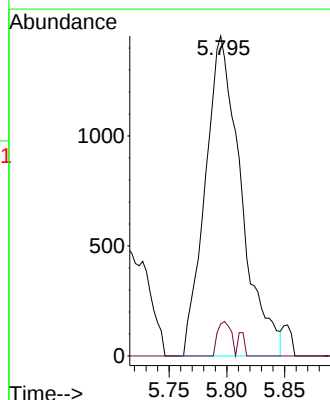
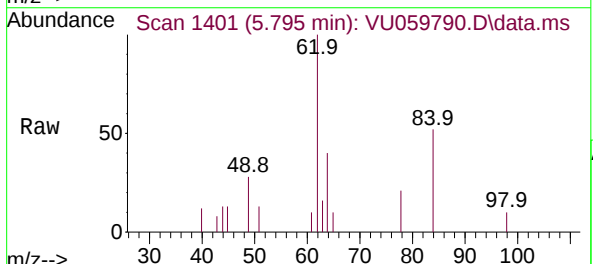
Instrument :
 MSVOA_U
 ClientSampleId :

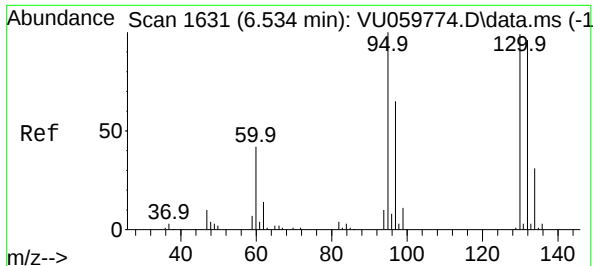
Tgt Ion: 96 Resp: 88937
 Ion Ratio Lower Upper
 96 100
 61 117.7 87.4 162.2
 98 65.3 42.3 78.5



#27
 1,2-Dichloroethane
 Concen: 0.220 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.010 min
 Lab File: VU059790.D
 Acq: 03 Jul 2024 12:10

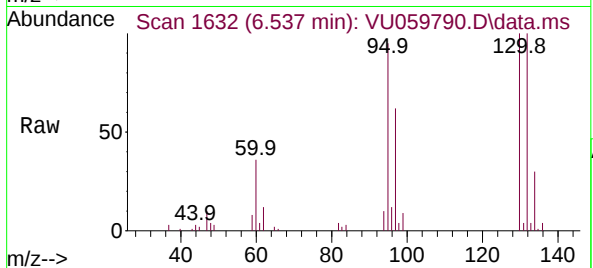
Tgt Ion: 62 Resp: 3136
 Ion Ratio Lower Upper
 62 100
 98 10.0 7.5 11.3





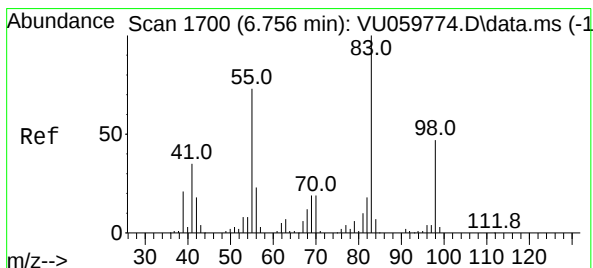
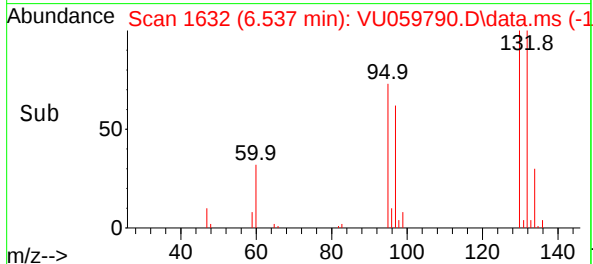
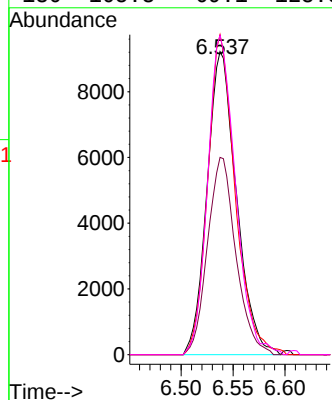
#34
Trichloroethene
Concen: 1.251 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 18079

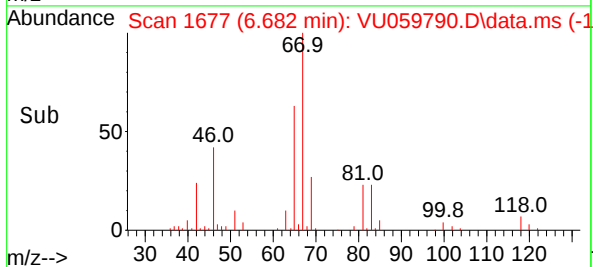
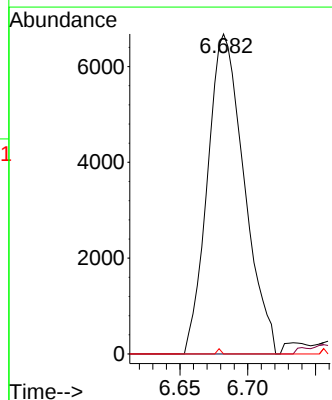
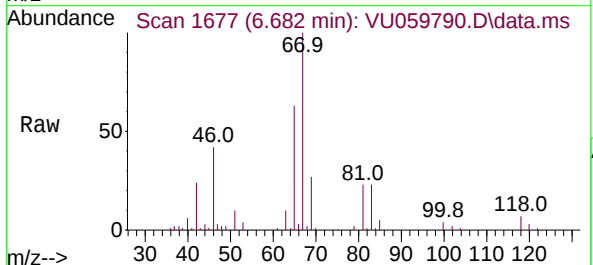
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.3	84.1
132	105.6	64.0	119.0
130	105.3	69.1	128.3

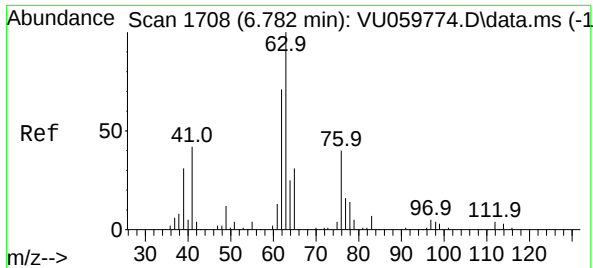


#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

Tgt Ion: 83 Resp: 12557

Ion	Ratio	Lower	Upper
83	100		
55	0.7	62.7	94.1#
98	0.4	35.4	53.0#

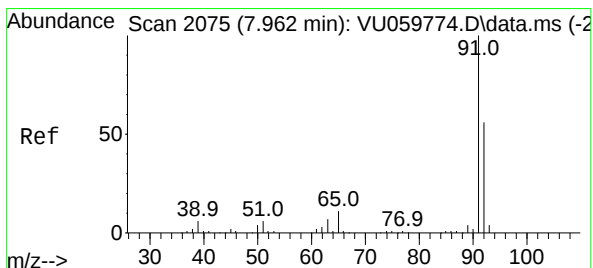
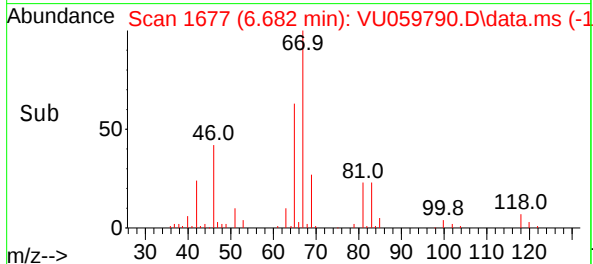
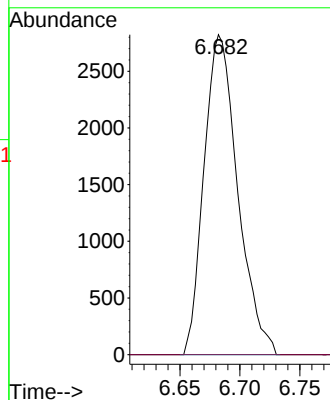
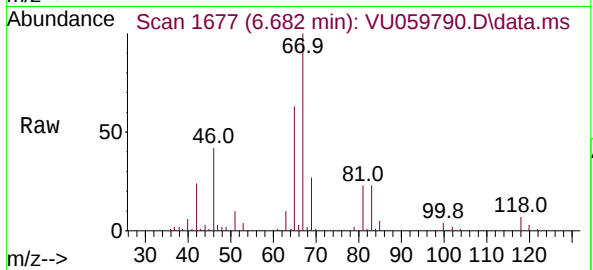




#37
1,2-Dichloropropane
Concen: 0.400 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

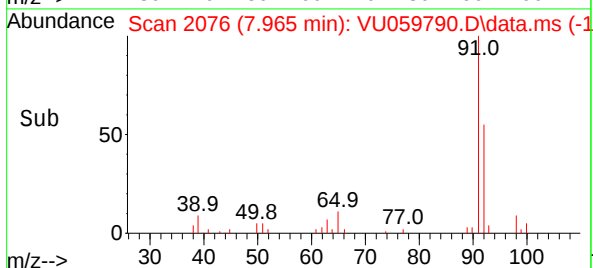
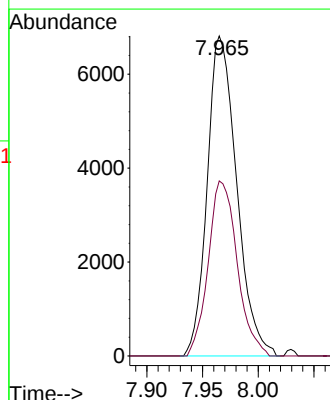
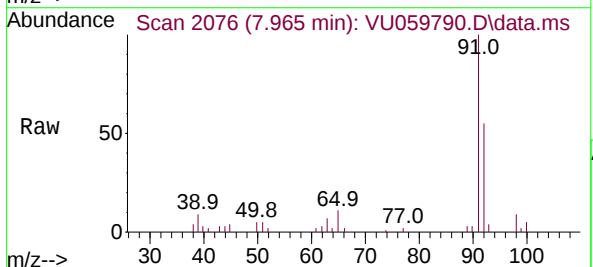
Instrument :
MSVOA_U
ClientSampleId :

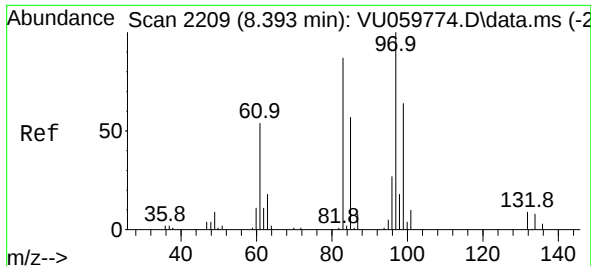
Tgt Ion: 63 Resp: 5522
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.222 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

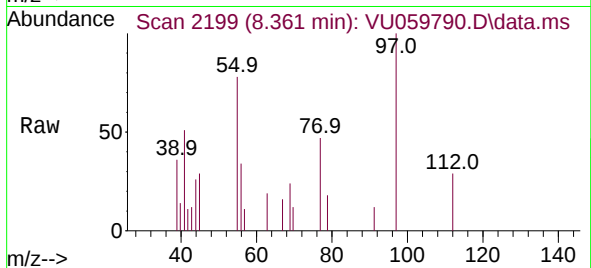
Tgt Ion: 91 Resp: 12546
Ion Ratio Lower Upper
91 100
92 54.7 39.7 73.7



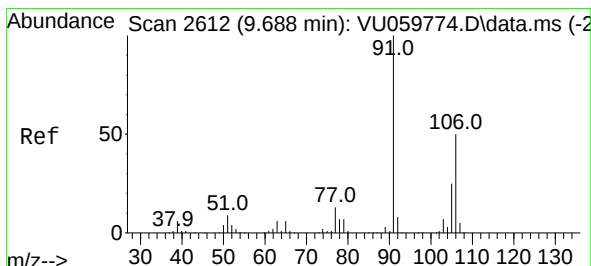
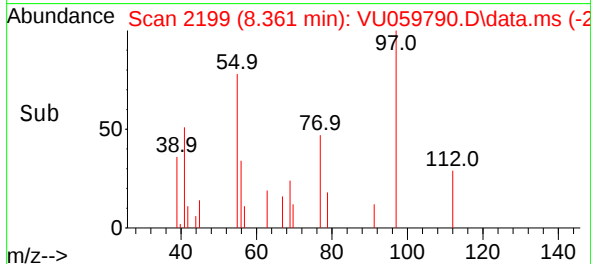
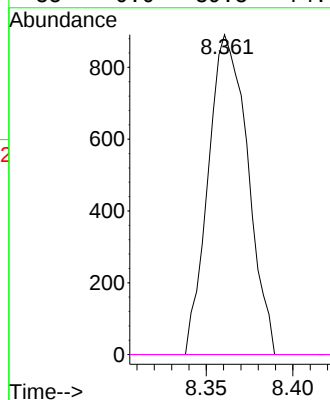


#45
1,1,2-Trichloroethane
Concen: 0.139 ug/L
RT: 8.361 min Scan# 2199
Delta R.T. -0.032 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

Instrument :
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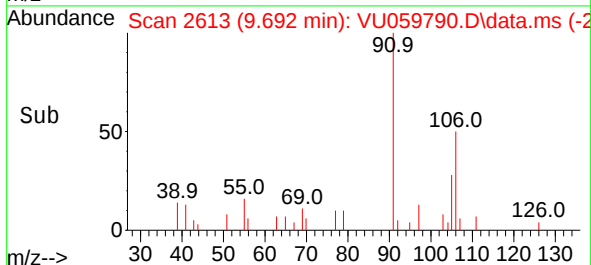
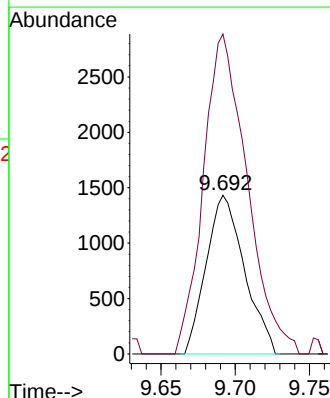
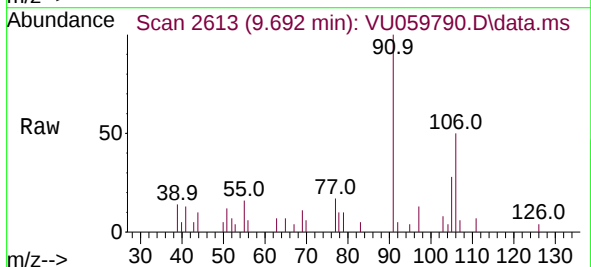


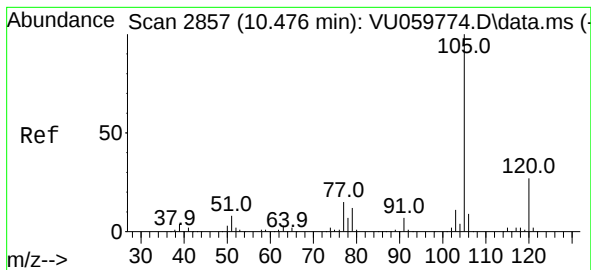
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.3	80.3#
83	0.0	62.3	115.7#
85	0.0	39.8	74.0#



#53
m,p-Xylene
Concen: 0.115 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.7	142.0	263.8





#60

Isopropylbenzene

Concen: 0.066 ug/L

RT: 10.997 min Scan# 3019

Delta R.T. 0.521 min

Lab File: VU059790.D

Acq: 03 Jul 2024 12:10

Instrument :

MSVOA_U

ClientSampleId :

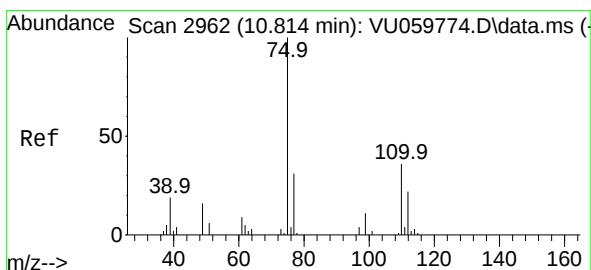
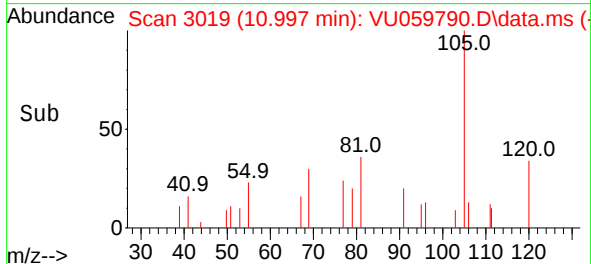
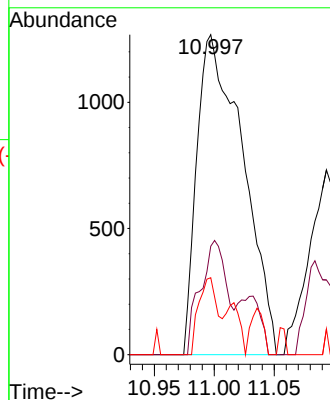
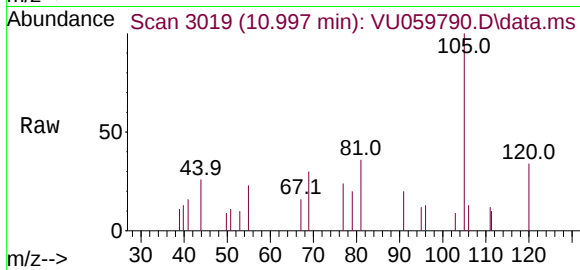
Tgt Ion:105 Resp: 3372

Ion Ratio Lower Upper

105 100

120 20.7 20.6 31.0

77 10.0 12.8 19.2#



#61

1,2,3-Trichloropropane

Concen: 1.194 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU059790.D

Acq: 03 Jul 2024 12:10

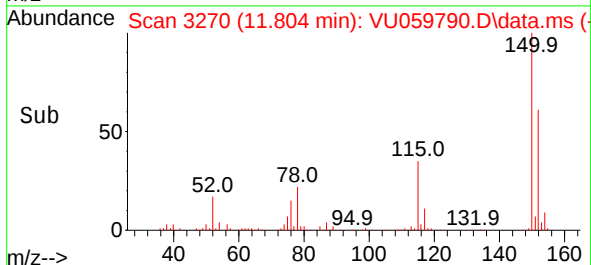
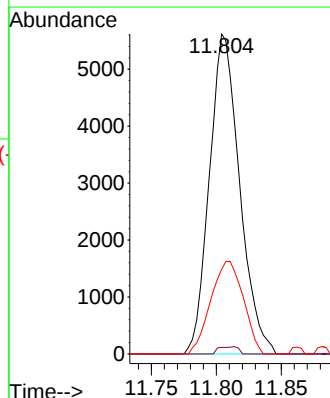
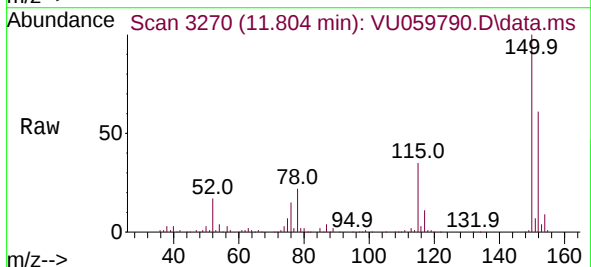
Tgt Ion: 75 Resp: 9088

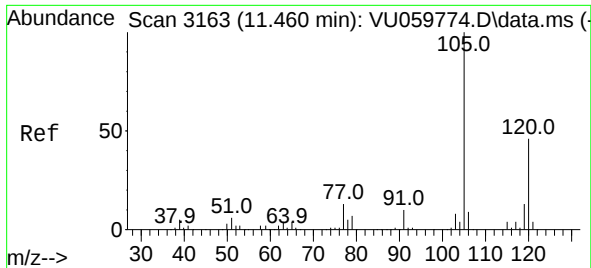
Ion Ratio Lower Upper

75 100

110 1.5 27.1 40.7#

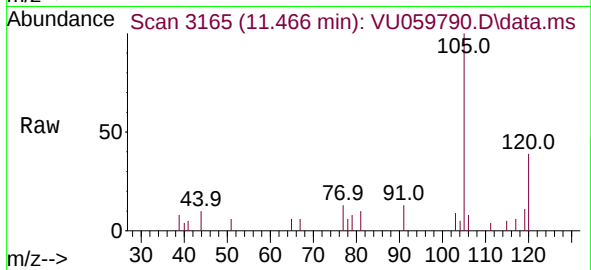
77 31.1 25.4 38.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.107 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.006 min
 Lab File: VU059790.D
 Acq: 03 Jul 2024 12:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:105 Resp: 4125
 Ion Ratio Lower Upper
 105 100
 120 41.2 35.4 53.0

