

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059771.D
 Acq On : 03 Jul 2024 04:43
 Operator : MD/SY
 Sample : P3122-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 05:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

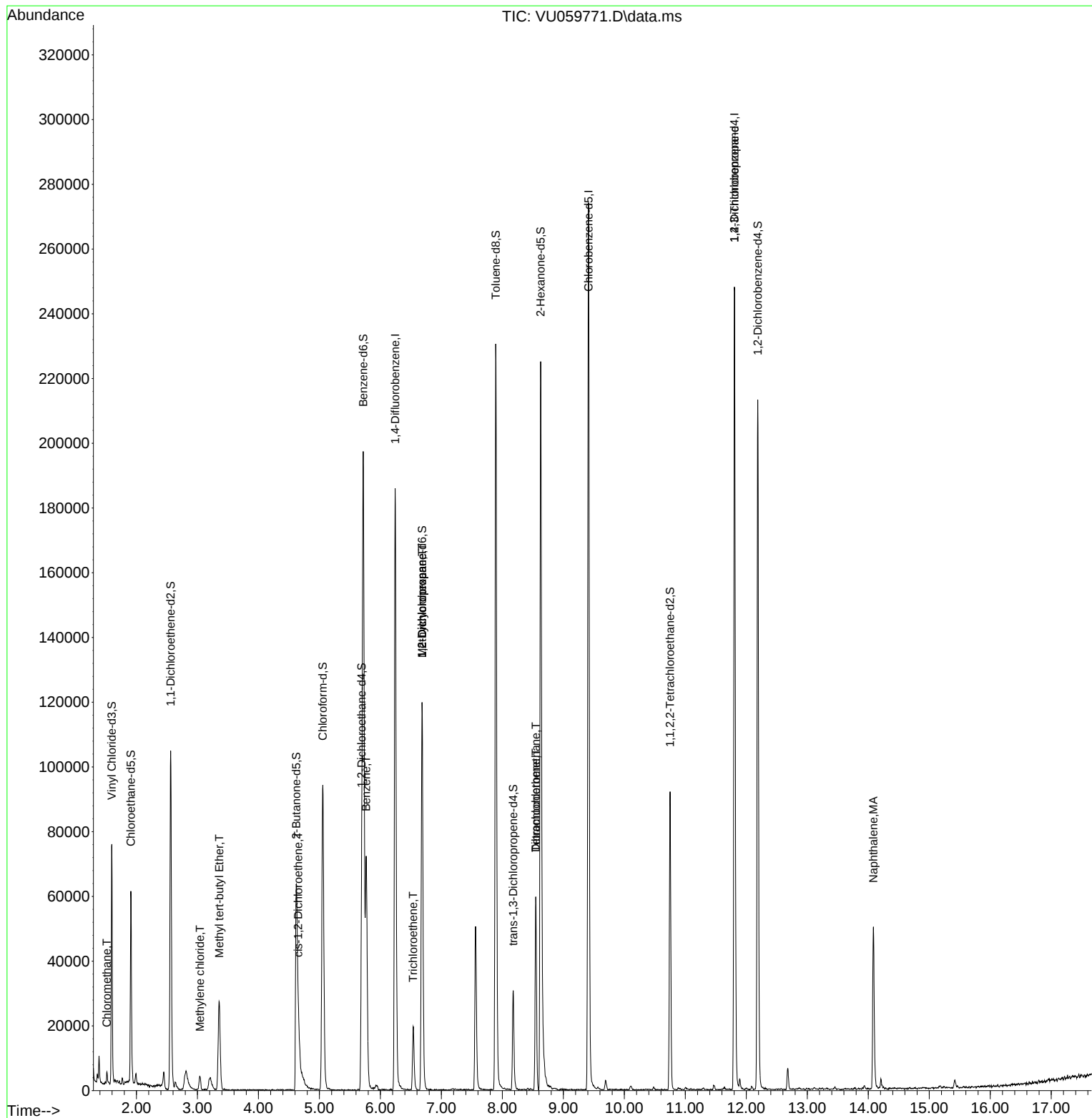
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53923	4.777	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.908	69	45189	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	19692	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.621	46	102754	44.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.380%
24) Chloroform-d	5.055	84	93102	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.692	65	47491	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.718	84	192121	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	62328	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	166170	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	19678	4.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	81831	44.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48494	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60925	4.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2601	0.176	ug/L	92
16) Methylene chloride	3.039	84	1959	0.144	ug/L	76
17) Methyl tert-butyl Ether	3.358	73	31132	1.255	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	3453	0.262	ug/L	93
33) Benzene	5.766	78	73984	1.468	ug/L	100
34) Trichloroethene	6.538	95	6813	0.499	ug/L	97
35) Methylcyclohexane	6.682	83	14485	0.746	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5646	0.433	ug/L #	90
47) Tetrachloroethene	8.547	164	13906	1.313	ug/L	96
49) Dibromochloromethane	8.547	129	12620	1.186	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8993	1.326	ug/L #	69
71) Naphthalene	14.084	128	47125	2.514	ug/L	99

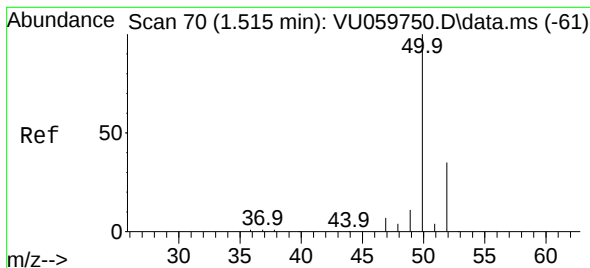
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.176 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059771.D

Acq: 03 Jul 2024 04:43

Instrument :

MSVOA_U

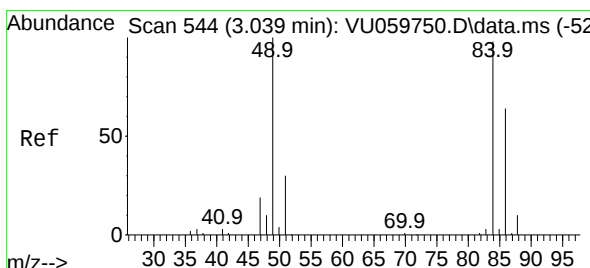
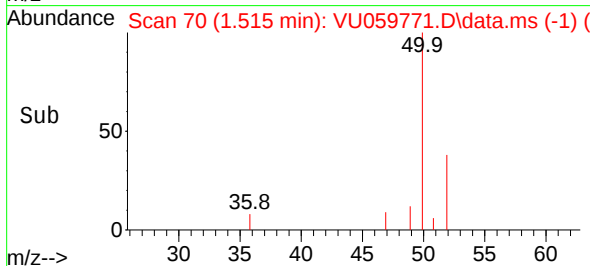
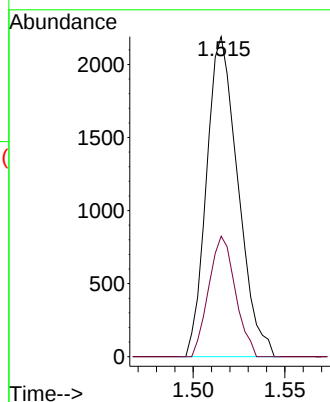
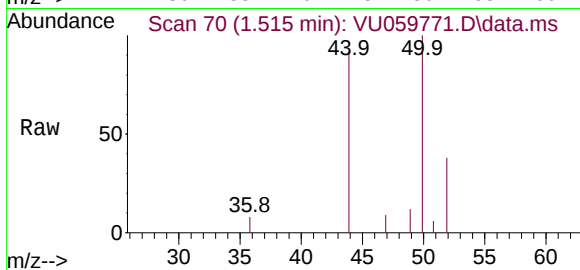
ClientSampleId :

Tgt Ion: 50 Resp: 2601

Ion Ratio Lower Upper

50 100

52 37.6 23.2 43.0



#16

Methylene chloride

Concen: 0.144 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU059771.D

Acq: 03 Jul 2024 04:43

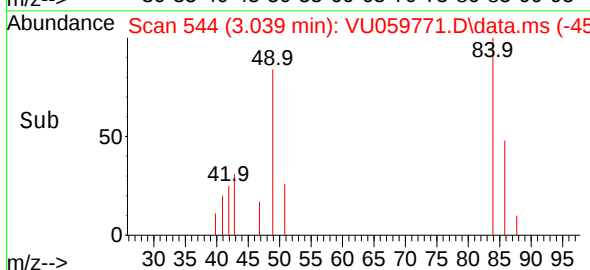
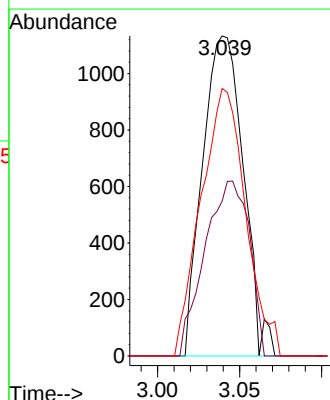
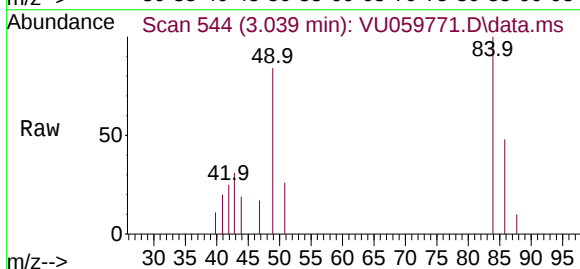
Tgt Ion: 84 Resp: 1959

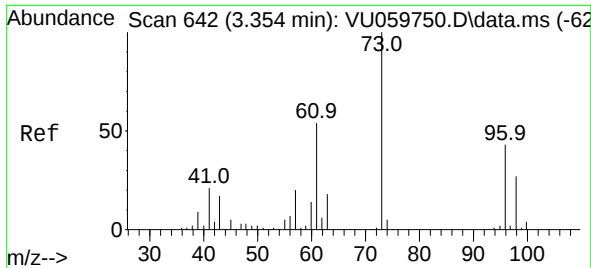
Ion Ratio Lower Upper

84 100

86 48.4 42.1 78.1

49 83.6 80.6 149.8

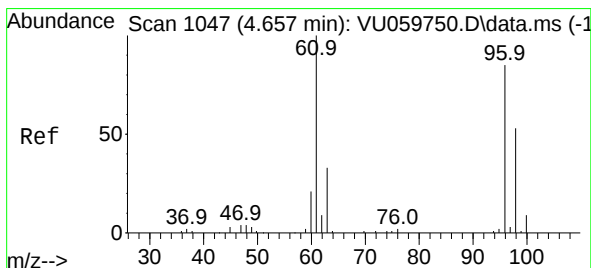
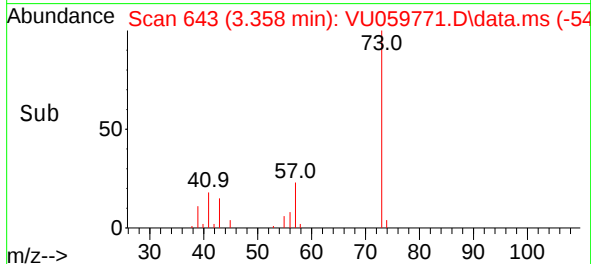
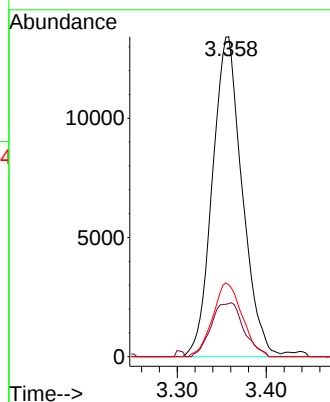
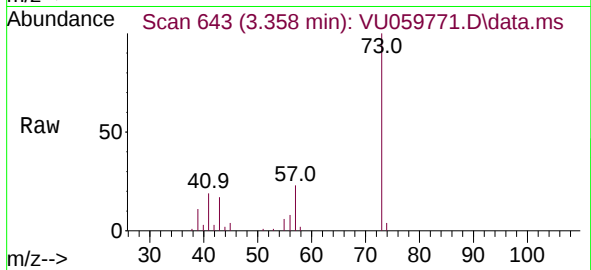




#17
Methyl tert-butyl Ether
Concen: 1.255 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

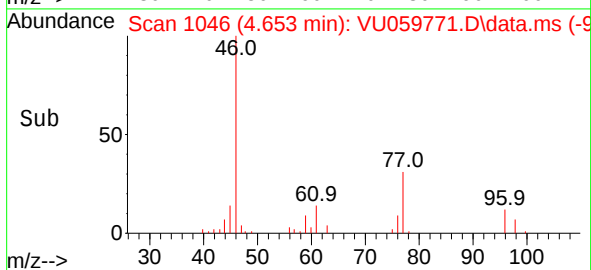
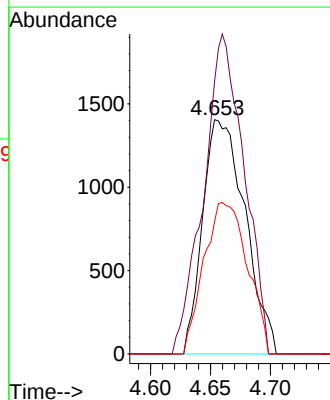
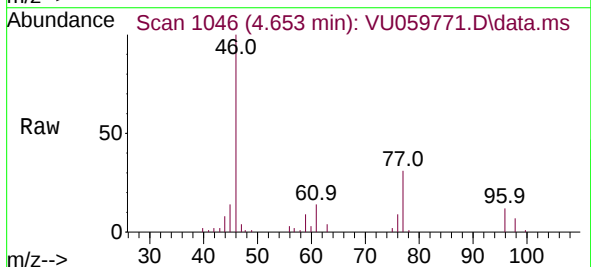
Instrument :
MSVOA_U
ClientSampleId :

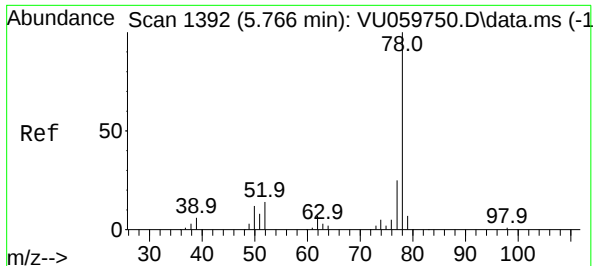
Tgt Ion: 73	Resp: 31132
Ion Ratio	Lower Upper
73 100	
43 18.4	14.9 22.3
57 22.9	18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.262 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Tgt Ion: 96	Resp: 3453
Ion Ratio	Lower Upper
96 100	
61 116.4	87.4 162.2
98 56.7	42.3 78.5





#33

Benzene

Concen: 1.468 ug/L

RT: 5.766 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VU059771.D

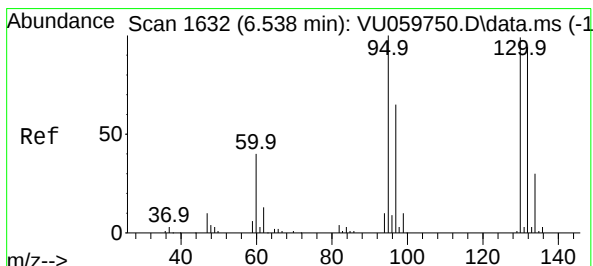
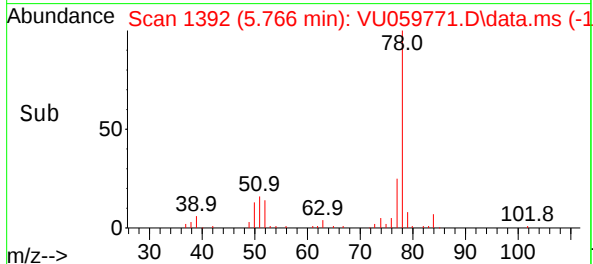
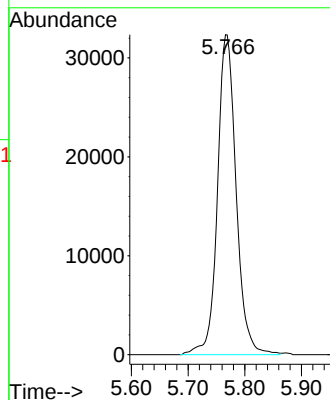
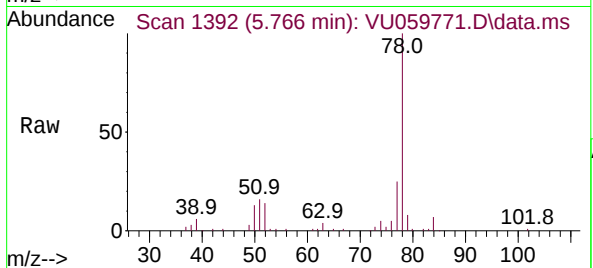
Acq: 03 Jul 2024 04:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 73984



#34

Trichloroethene

Concen: 0.499 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059771.D

Acq: 03 Jul 2024 04:43

Tgt Ion: 95 Resp: 6813

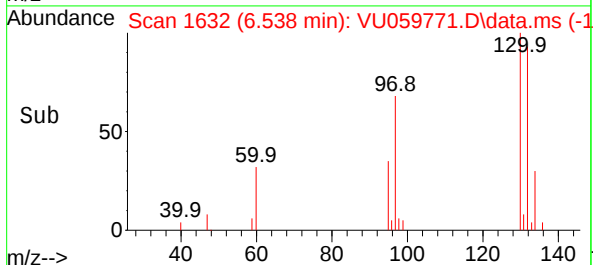
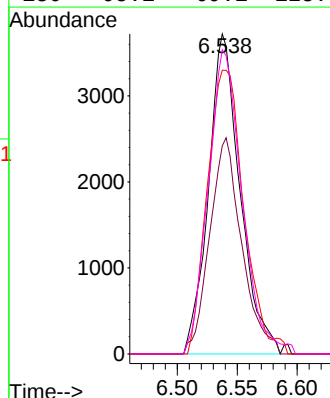
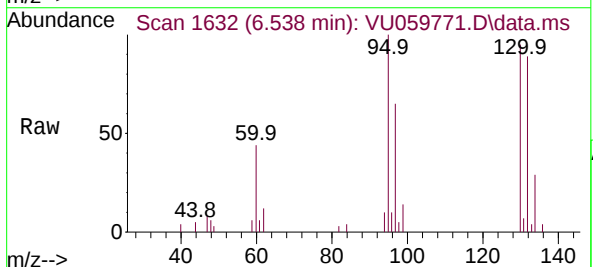
Ion Ratio Lower Upper

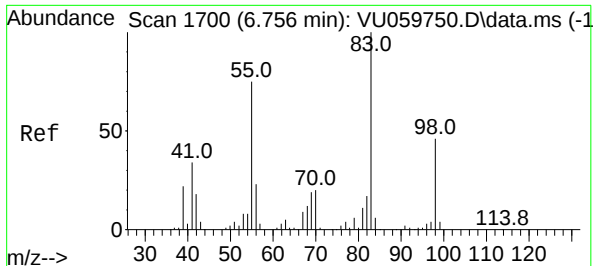
95 100

97 65.1 45.3 84.1

132 88.7 64.0 119.0

130 95.1 69.1 128.3





#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059771.D

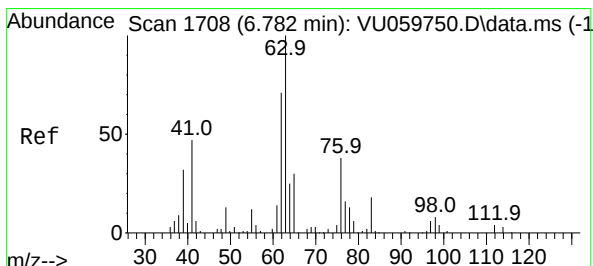
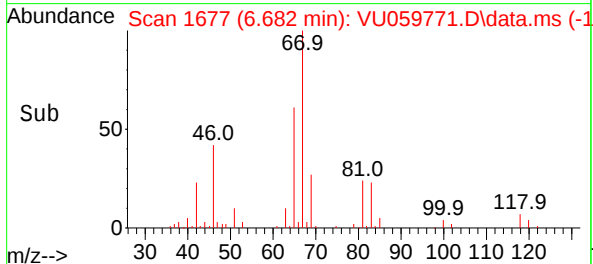
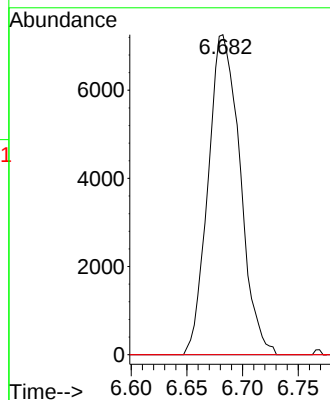
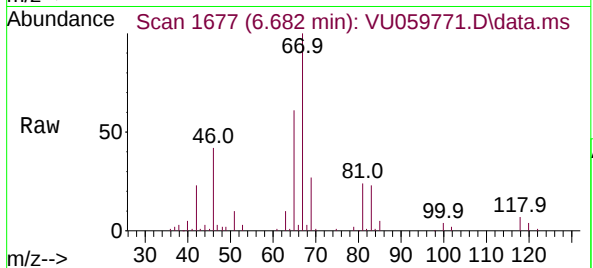
Acq: 03 Jul 2024 04:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14485
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	4.5 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.433 ug/L

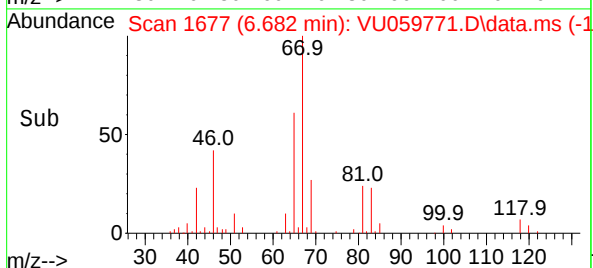
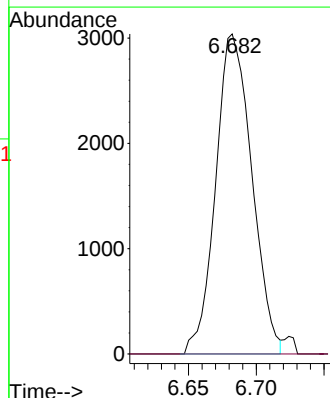
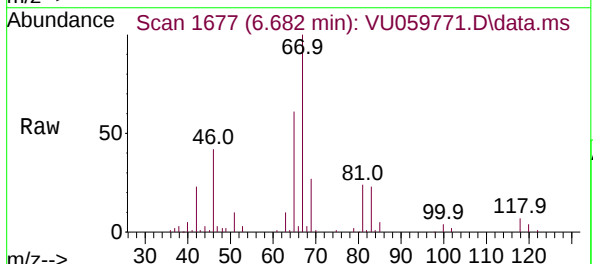
RT: 6.682 min Scan# 1677

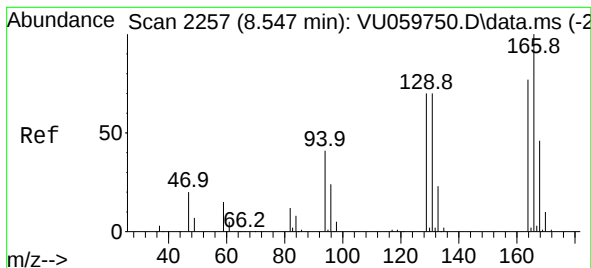
Delta R.T. -0.100 min

Lab File: VU059771.D

Acq: 03 Jul 2024 04:43

Tgt Ion: 63	Resp: 5646
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 1.313 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

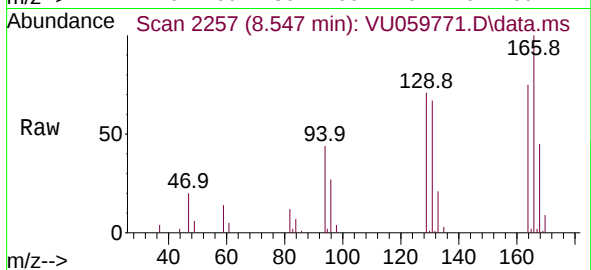
Lab File: VU059771.D

Acq: 03 Jul 2024 04:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 13906

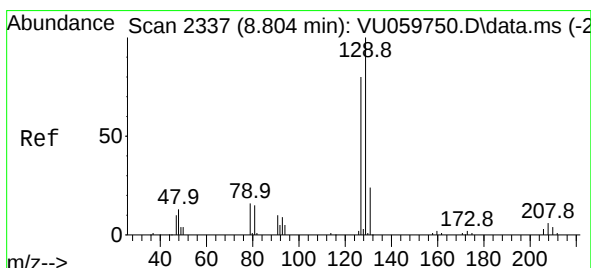
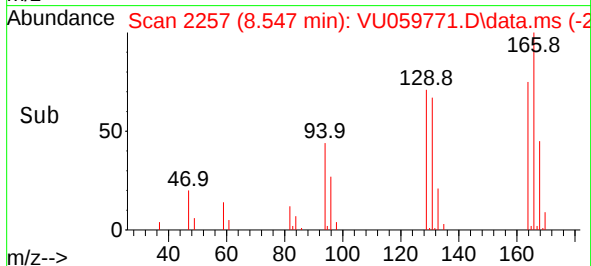
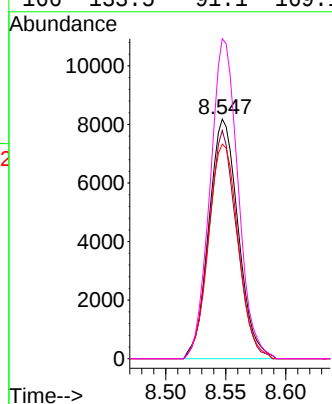
Ion Ratio Lower Upper

164 100

129 95.2 70.8 131.4

131 89.5 64.8 120.3

166 133.5 91.1 169.1



#49

Dibromochloromethane

Concen: 1.186 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059771.D

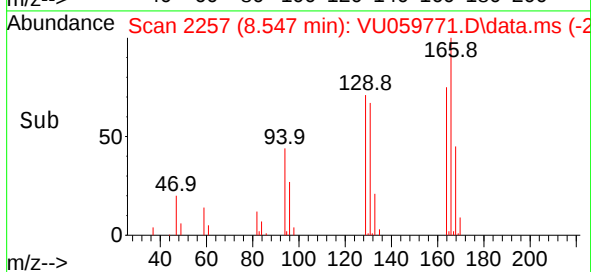
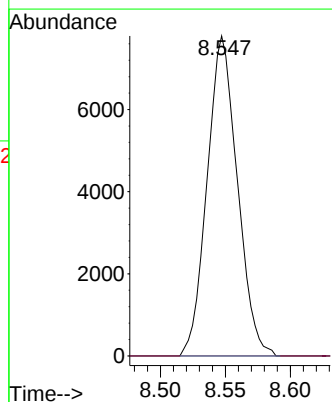
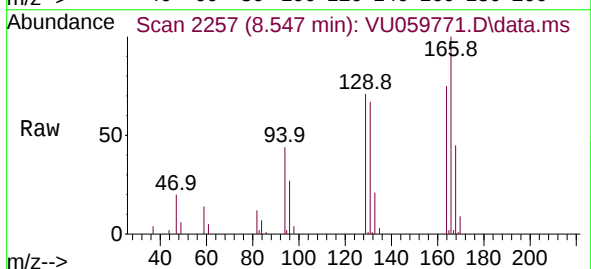
Acq: 03 Jul 2024 04:43

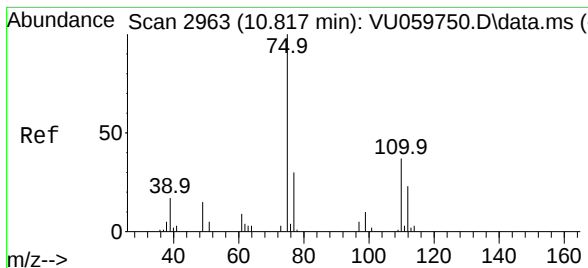
Tgt Ion:129 Resp: 12620

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#

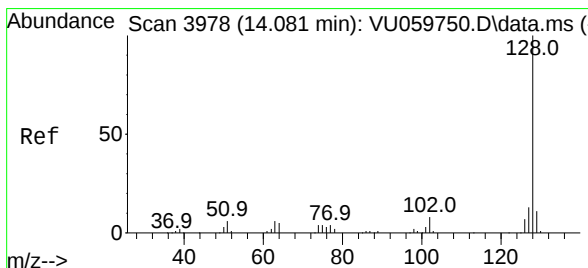
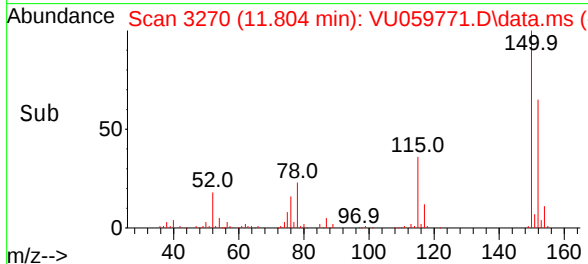
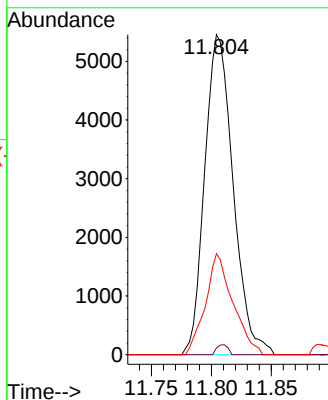
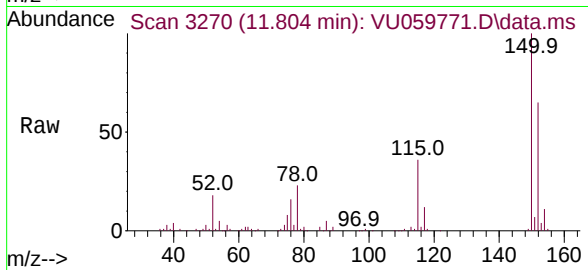




#61
1,2,3-Trichloropropane
Concen: 1.326 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8993
Ion Ratio Lower Upper
75 100
110 1.2 27.1 40.7#
77 30.5 25.4 38.2



#71
Naphthalene
Concen: 2.514 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Tgt Ion:128 Resp: 47125
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 12.7 10.2 15.4

