

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102424\
 Data File : VU061201.D
 Acq On : 24 Oct 2024 16:10
 Operator : MD/SY
 Sample : P4533-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNW7

Quant Time: Oct 25 10:47:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 25 02:35:03 2024
 Response via : Initial Calibration

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

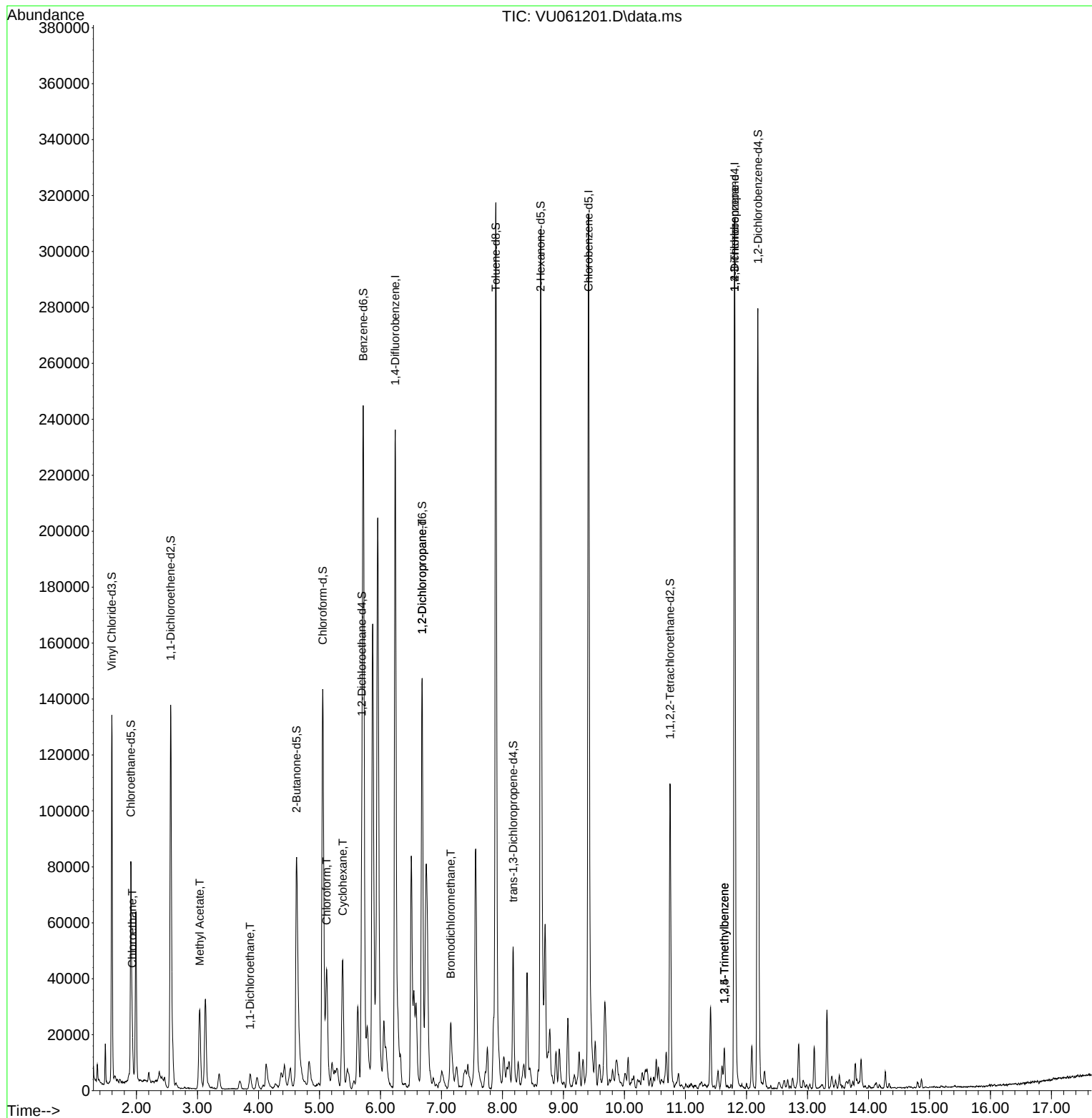
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	201169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	181689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56703	4.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.908	69	53631	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	25719	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.625	46	125888	45.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.740%
24) Chloroform-d	5.052	84	115104	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	59045	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.718	84	240046	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	71264	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.891	98	224580	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	28090	4.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.624	63	119196	46.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	52958	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	69841	4.808	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
8) Chloroethane	1.930	64	10087	0.881	ug/L	92
15) Methyl Acetate	3.036	43	19897	4.572	ug/L #	47
19) 1,1-Dichloroethane	3.863	63	6522	0.263	ug/L	98
25) Chloroform	5.117	83	17897	0.686	ug/L #	22
30) Cyclohexane	5.380	56	24506	1.098	ug/L	97
37) 1,2-Dichloropropane	6.682	63	8245	0.579	ug/L #	90
38) Bromodichloromethane	7.152	83	7006	0.389	ug/L #	26
61) 1,2,3-Trichloropropane	11.804	75	10514	1.287	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.637	105	10031	0.197	ug/L #	47
63) 1,2,4-Trimethylbenzene	11.637	105	10031	0.199	ug/L #	33

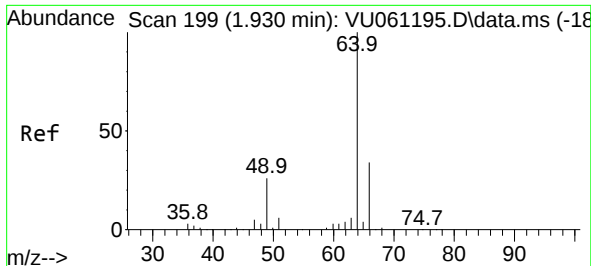
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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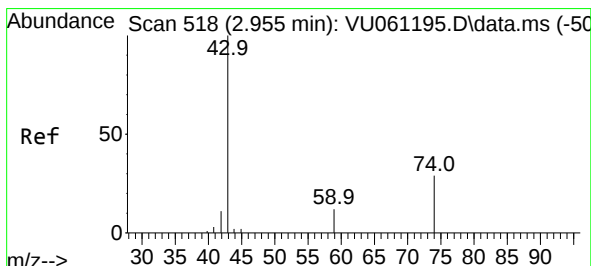
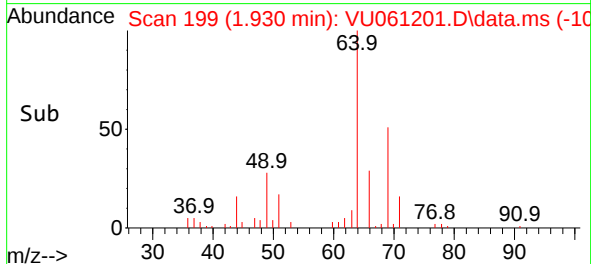
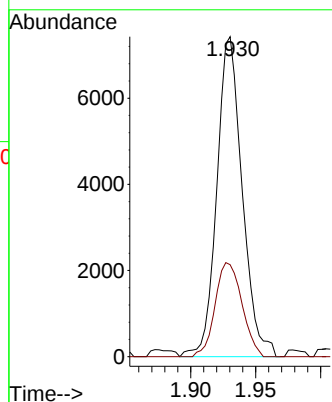
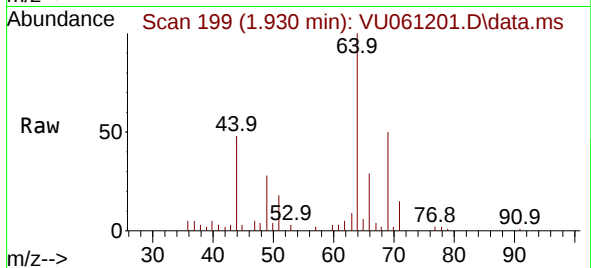




#8
Chloroethane
Concen: 0.881 ug/L
RT: 1.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061201.D
Acq: 24 Oct 2024 16:10

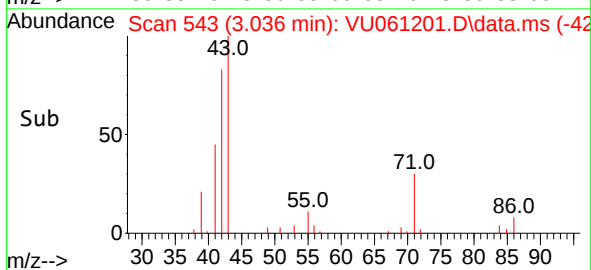
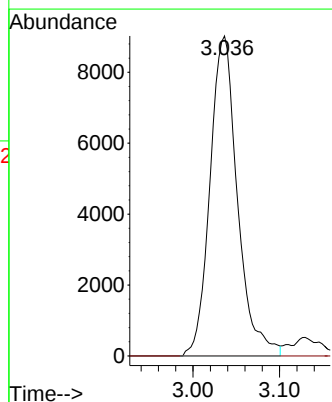
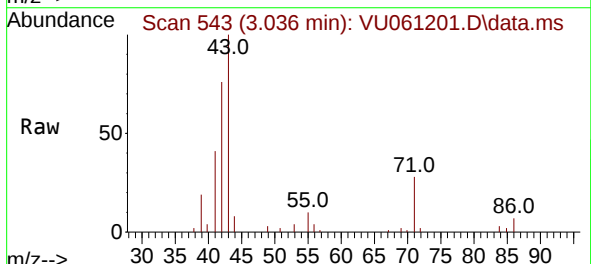
Instrument :
MSVOA_U
ClientSampleId :
GCNW7

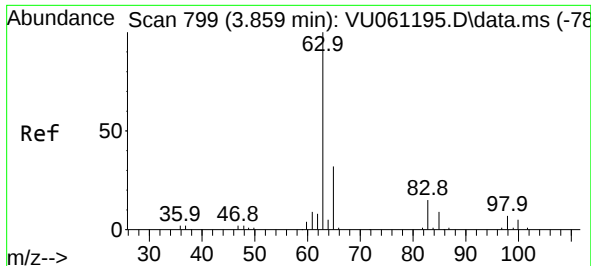
Tgt Ion: 64 Resp: 10087
Ion Ratio Lower Upper
64 100
66 28.7 23.1 42.9



#15
Methyl Acetate
Concen: 4.572 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.081 min
Lab File: VU061201.D
Acq: 24 Oct 2024 16:10

Tgt Ion: 43 Resp: 19897
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#





#19

1,1-Dichloroethane

Concen: 0.263 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.004 min

Lab File: VU061201.D

Acq: 24 Oct 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

GCNW7

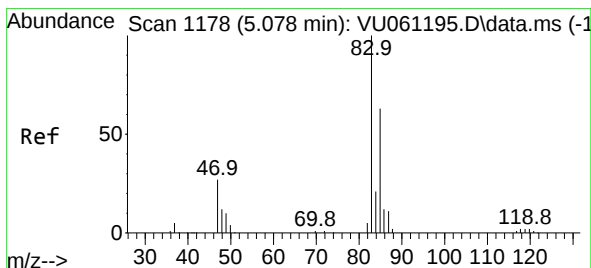
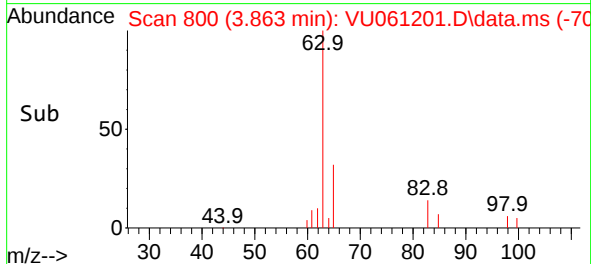
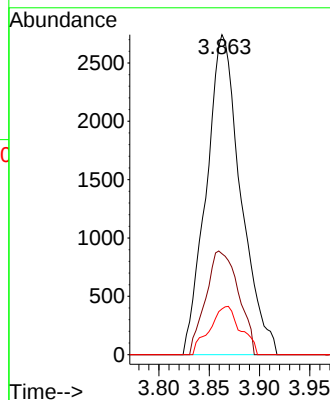
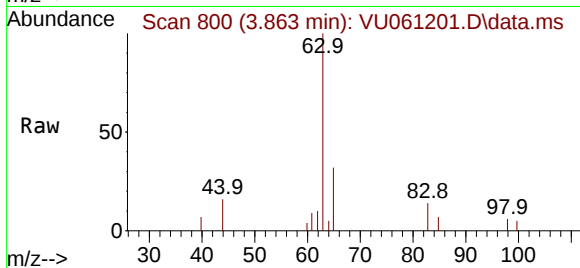
Tgt Ion: 63 Resp: 6522

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.6

83 14.3 9.7 17.9



#25

Chloroform

Concen: 0.686 ug/L

RT: 5.117 min Scan# 1190

Delta R.T. 0.039 min

Lab File: VU061201.D

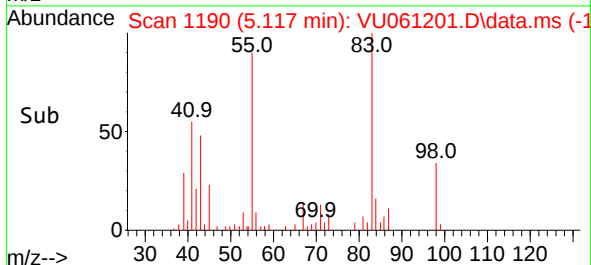
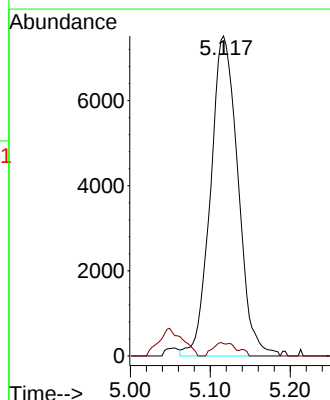
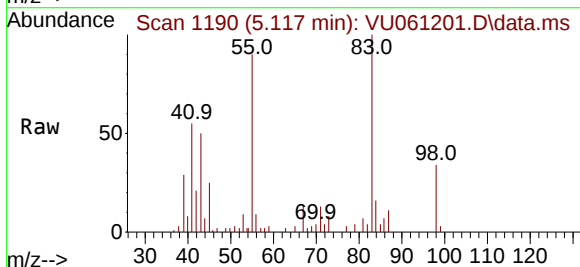
Acq: 24 Oct 2024 16:10

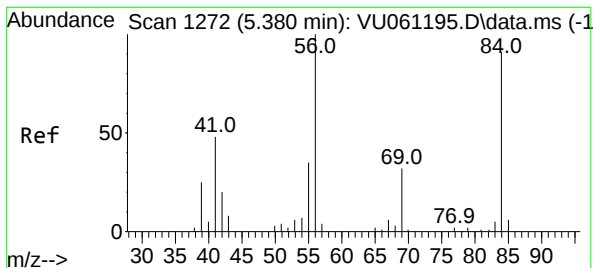
Tgt Ion: 83 Resp: 17897

Ion Ratio Lower Upper

83 100

85 3.9 45.6 84.6#





#30

Cyclohexane

Concen: 1.098 ug/L

RT: 5.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061201.D

Acq: 24 Oct 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

GCNW7

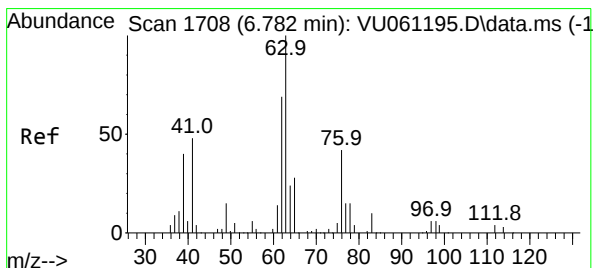
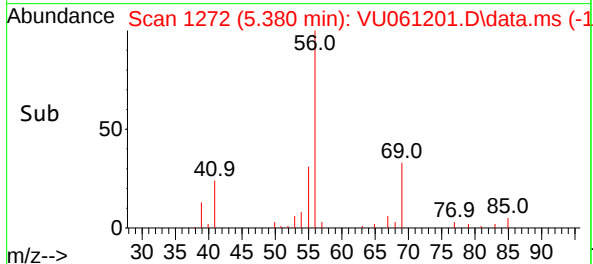
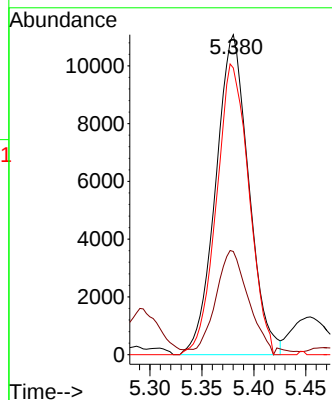
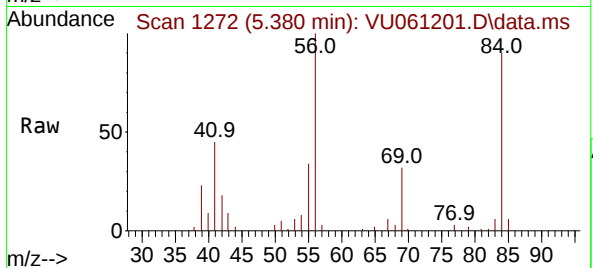
Tgt Ion: 56 Resp: 24506

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.6

84 89.0 73.9 110.9



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.099 min

Lab File: VU061201.D

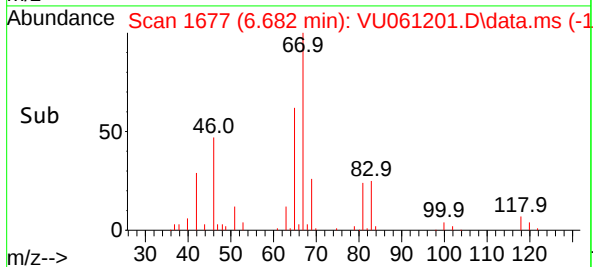
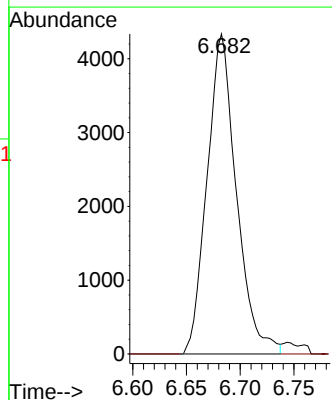
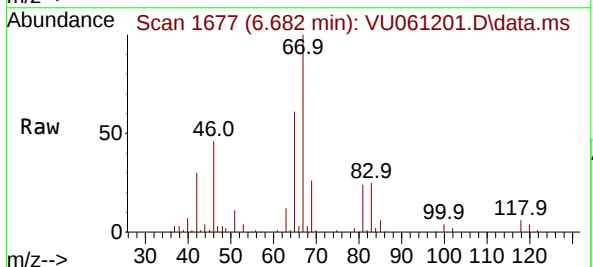
Acq: 24 Oct 2024 16:10

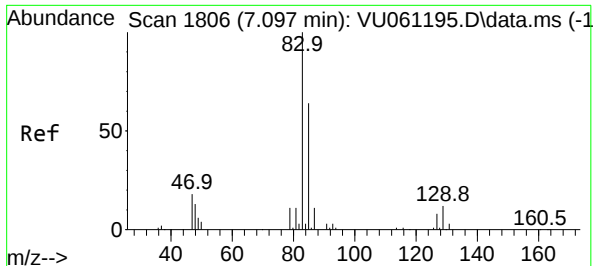
Tgt Ion: 63 Resp: 8245

Ion Ratio Lower Upper

63 100

112 0.5 3.0 4.4#

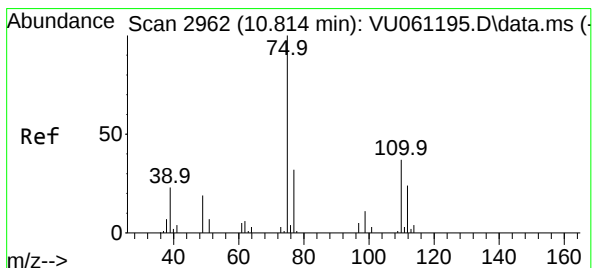
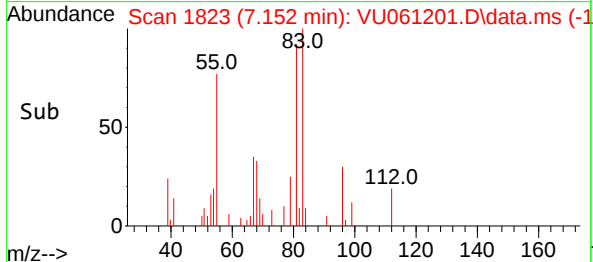
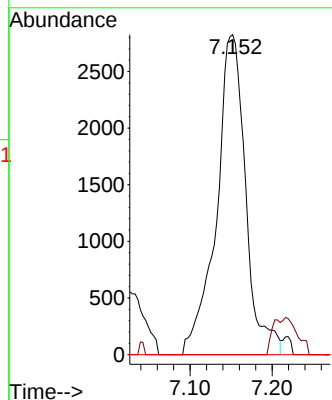
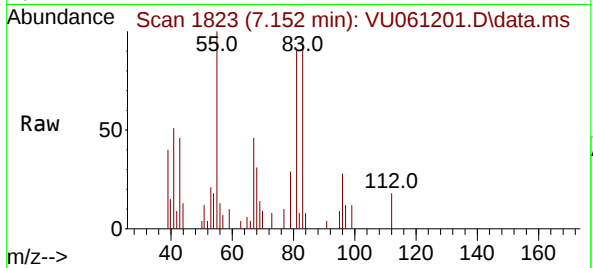




#38
Bromodichloromethane
Concen: 0.389 ug/L
RT: 7.152 min Scan# 11
Delta R.T. 0.055 min
Lab File: VU061201.D
Acq: 24 Oct 2024 16:10

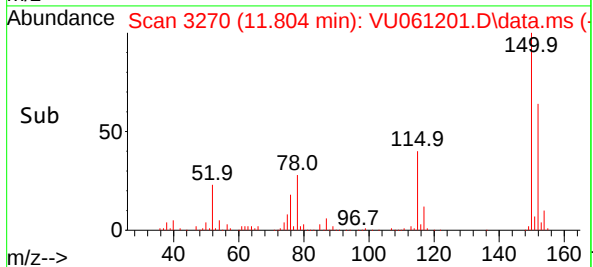
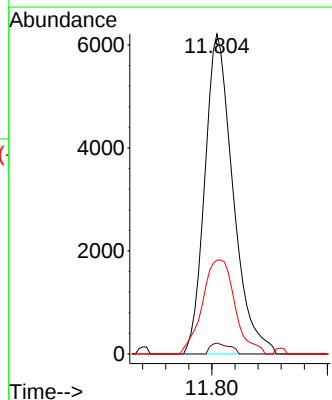
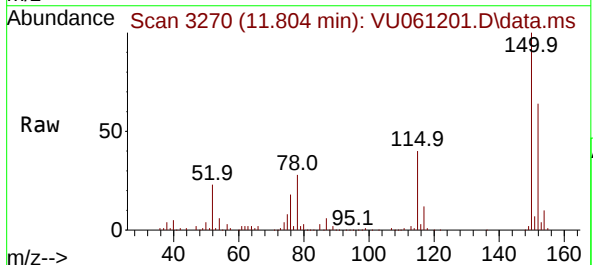
Instrument :
MSVOA_U
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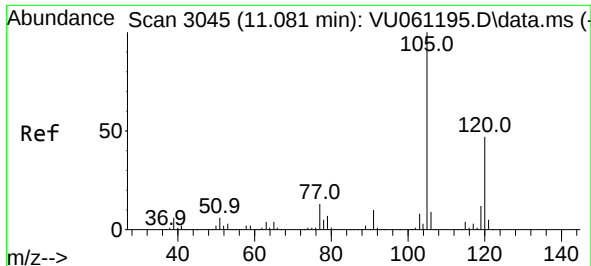
Tgt Ion: 83 Resp: 7006
Ion Ratio Lower Upper
83 100
85 0.0 43.8 81.4#
127 0.0 7.4 11.0#



#61
1,2,3-Trichloropropane
Concen: 1.287 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU061201.D
Acq: 24 Oct 2024 16:10

Tgt Ion: 75 Resp: 10514
Ion Ratio Lower Upper
75 100
110 2.4 28.8 43.2#
77 33.9 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 0.197 ug/L

RT: 11.637 min Scan# 3218

Delta R.T. 0.557 min

Lab File: VU061201.D

Acq: 24 Oct 2024 16:10

Instrument :

MSVOA_U

ClientSampleId :

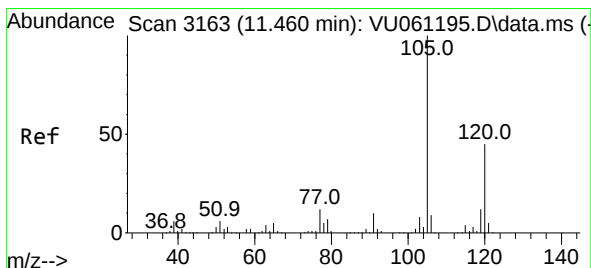
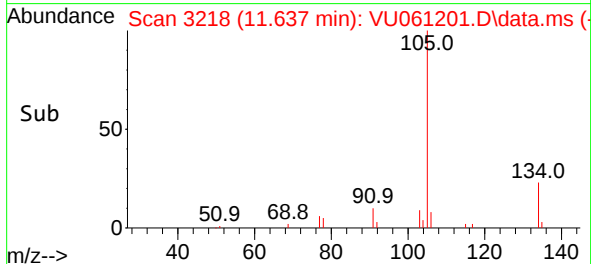
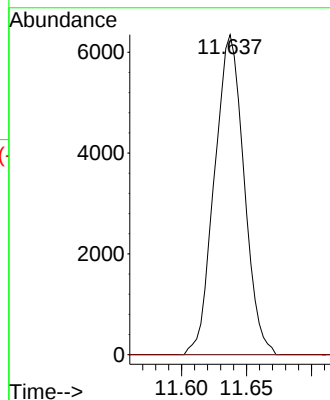
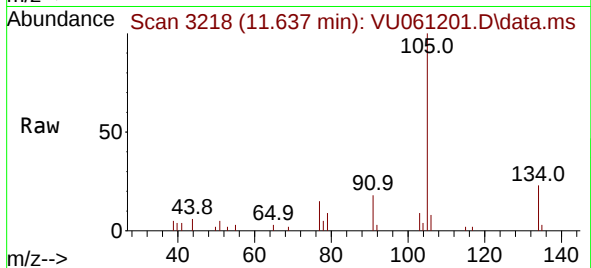
GCNW7

Tgt Ion:105 Resp: 10031

Ion Ratio Lower Upper

105 100

120 12.2 38.7 58.1#



#63

1,2,4-Trimethylbenzene

Concen: 0.199 ug/L

RT: 11.637 min Scan# 3218

Delta R.T. 0.177 min

Lab File: VU061201.D

Acq: 24 Oct 2024 16:10

Tgt Ion:105 Resp: 10031

Ion Ratio Lower Upper

105 100

120 1.0 35.4 53.0#

