

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061220.D
 Acq On : 25 Oct 2024 12:18
 Operator : MD/SY
 Sample : P4533-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 00:31:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

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

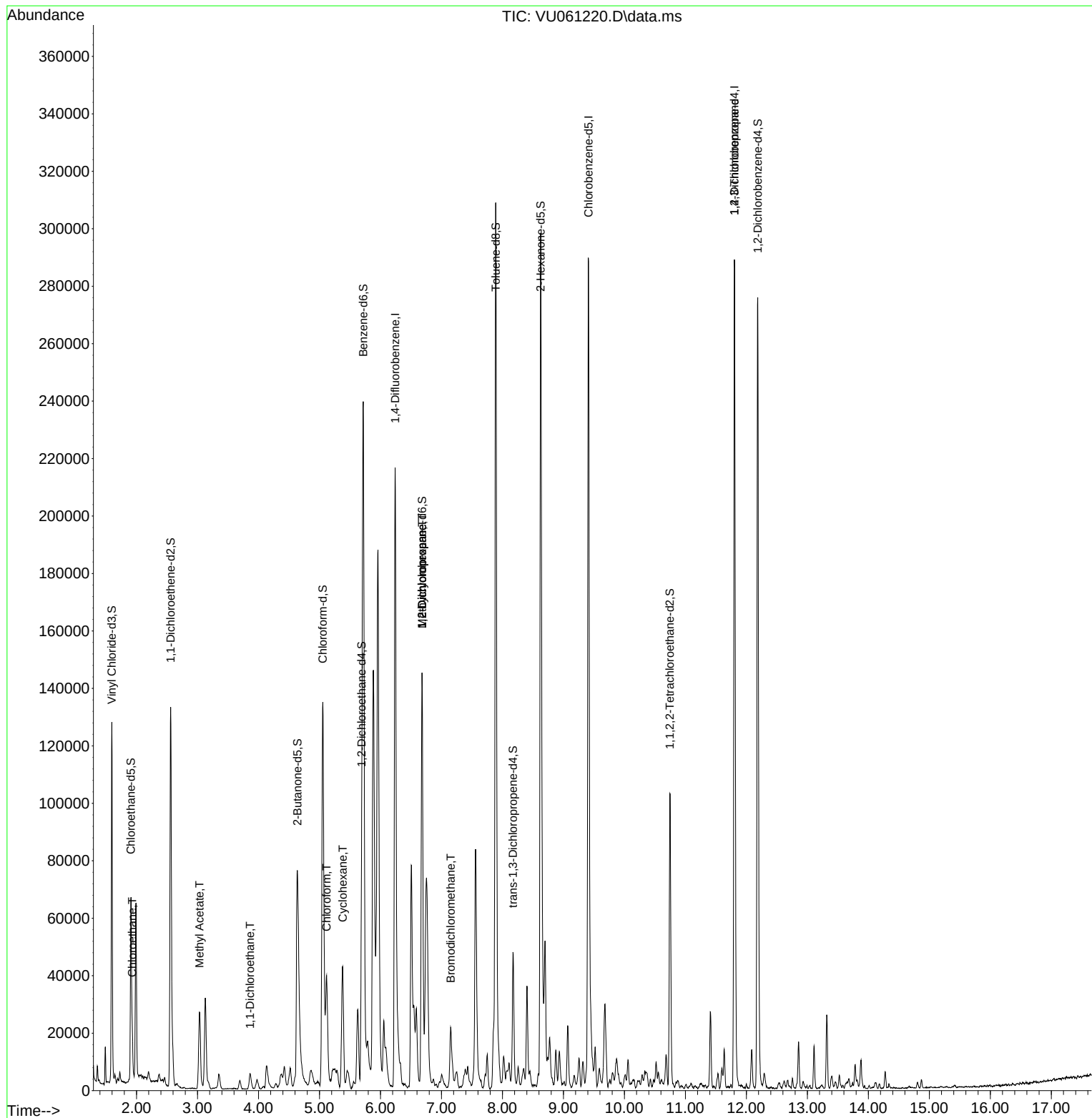
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	54116	4.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.907	69	46850	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.560	65	24669	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.637	46	123794	48.792	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.580%
24) Chloroform-d	5.052	84	111116	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	57106	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.718	84	232330	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.682	67	70114	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	217132	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.174	79	27688	4.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	118000	49.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52250	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	69406	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
8) Chloroethane	1.930	64	8593	0.821	ug/L	99
15) Methyl Acetate	3.033	43	18435	4.633	ug/L #	47
19) 1,1-Dichloroethane	3.862	63	6756	0.298	ug/L #	85
25) Chloroform	5.116	83	15137	0.635	ug/L #	23
30) Cyclohexane	5.380	56	22699	1.106	ug/L	99
35) Methylcyclohexane	6.682	83	16973	0.758	ug/L #	32
37) 1,2-Dichloropropane	6.682	63	7860	0.600	ug/L #	91
38) Bromodichloromethane	7.152	83	5660	0.341	ug/L #	26
61) 1,2,3-Trichloropropane	11.804	75	10030	1.315	ug/L #	66

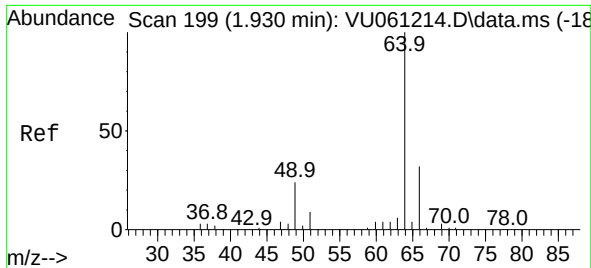
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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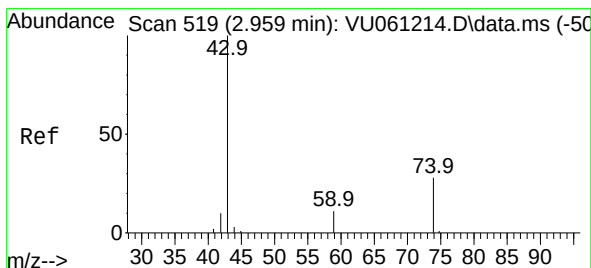
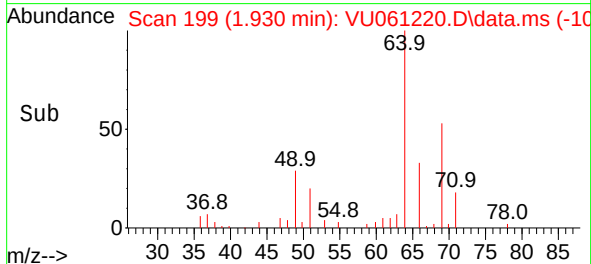
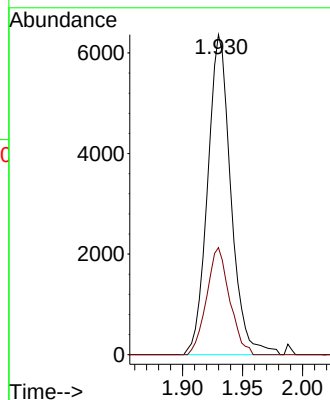
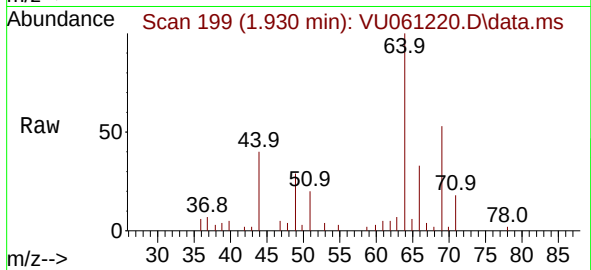




#8
Chloroethane
Concen: 0.821 ug/L
RT: 1.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

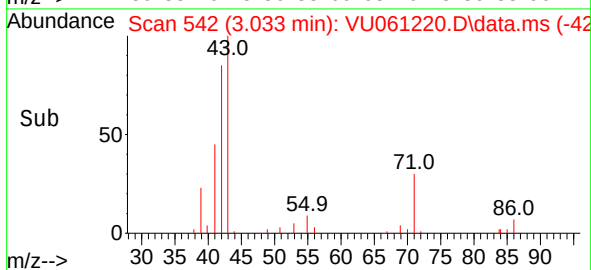
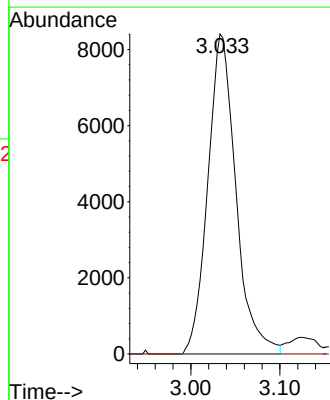
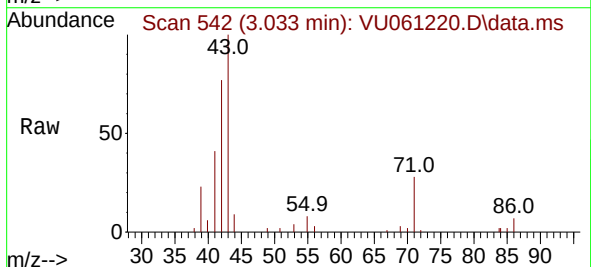
Instrument :
MSVOA_U
ClientSampleId :

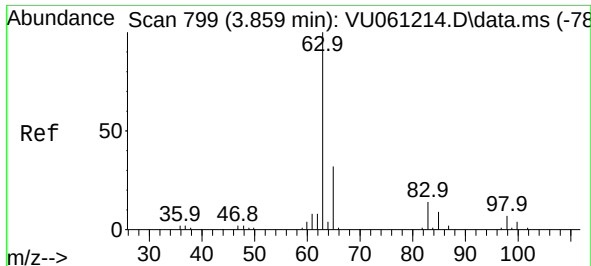
Tgt Ion: 64 Resp: 8593
Ion Ratio Lower Upper
64 100
66 33.5 23.1 42.9



#15
Methyl Acetate
Concen: 4.633 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.074 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

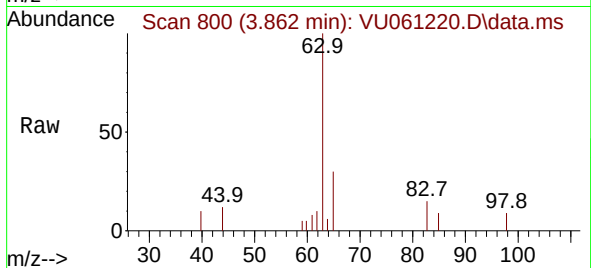
Tgt Ion: 43 Resp: 18435
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



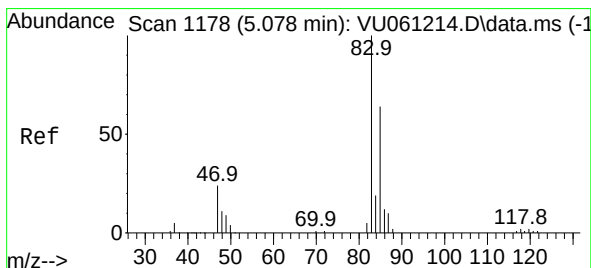
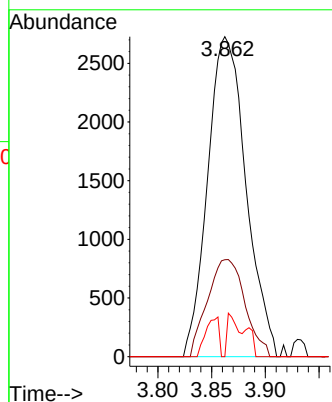
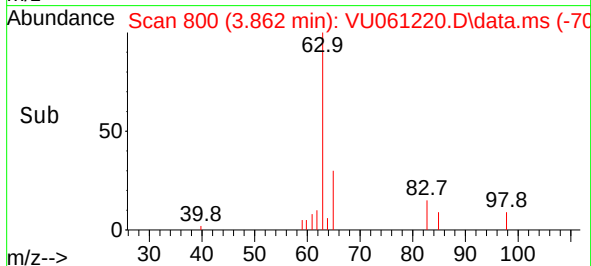


#19
1,1-Dichloroethane
Concen: 0.298 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

Instrument :
MSVOA_U
ClientSampleId :

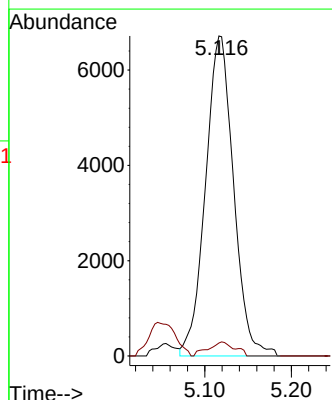
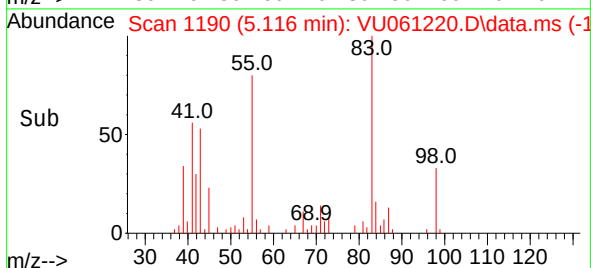
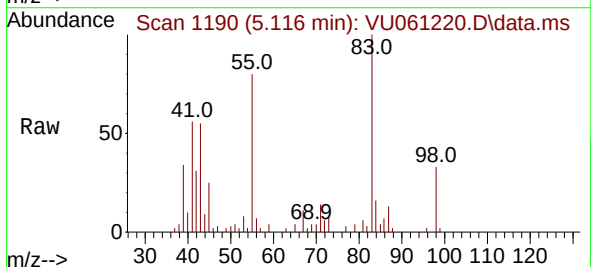


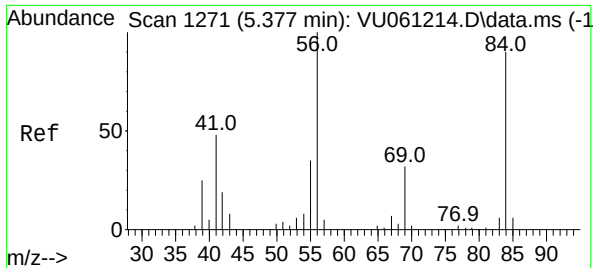
Tgt Ion: 63 Resp: 6756
Ion Ratio Lower Upper
63 100
65 28.6 23.0 42.6
83 0.0 9.7 17.9#



#25
Chloroform
Concen: 0.635 ug/L
RT: 5.116 min Scan# 1190
Delta R.T. 0.038 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

Tgt Ion: 83 Resp: 15137
Ion Ratio Lower Upper
83 100
85 4.1 45.6 84.6#





#30

Cyclohexane

Concen: 1.106 ug/L

RT: 5.380 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VU061220.D

Acq: 25 Oct 2024 12:18

Instrument :

MSVOA_U

ClientSampleId :

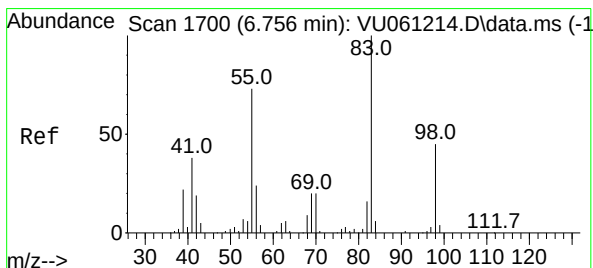
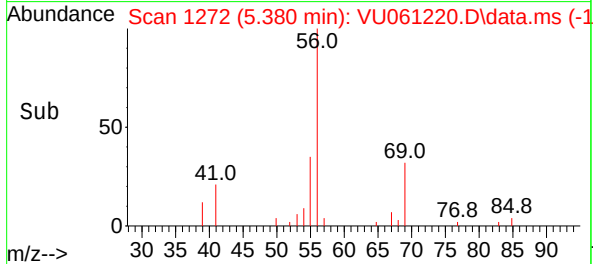
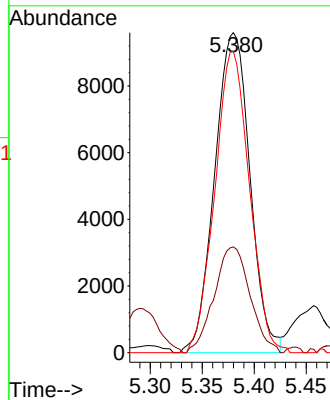
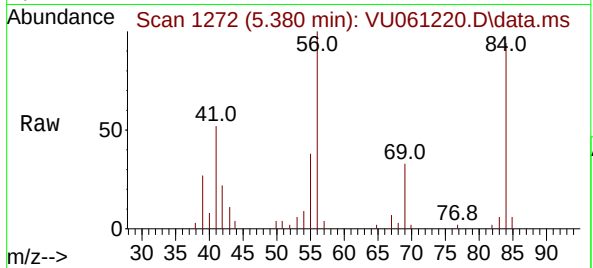
Tgt Ion: 56 Resp: 22699

Ion Ratio Lower Upper

56 100

69 33.6 25.8 38.6

84 92.2 73.9 110.9



#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061220.D

Acq: 25 Oct 2024 12:18

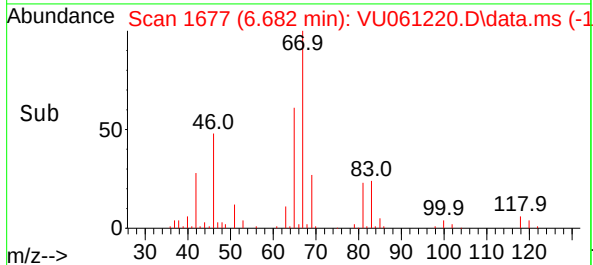
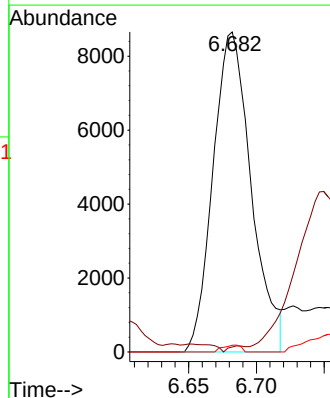
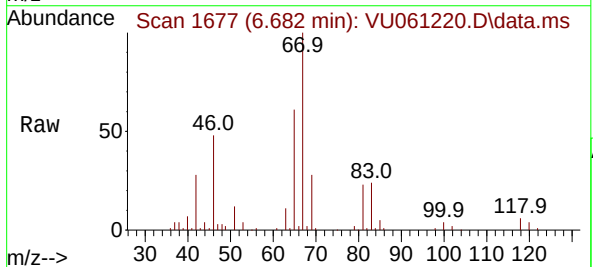
Tgt Ion: 83 Resp: 16973

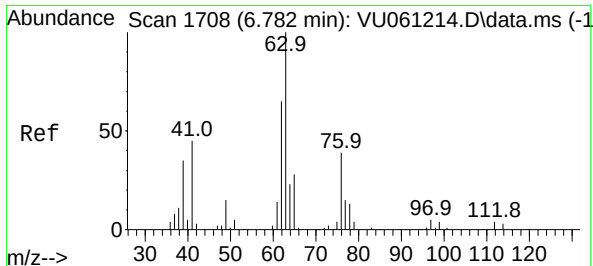
Ion Ratio Lower Upper

83 100

55 13.4 55.9 83.9#

98 1.0 35.9 53.9#

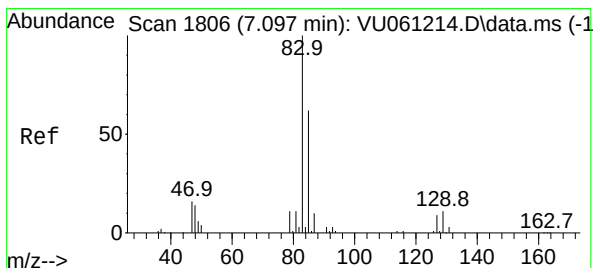
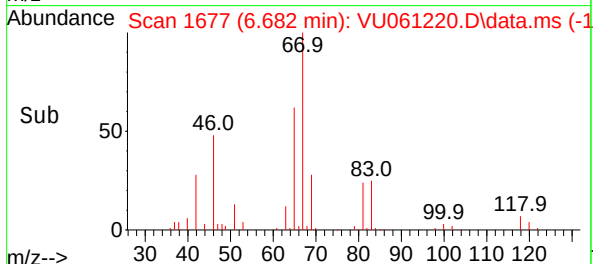
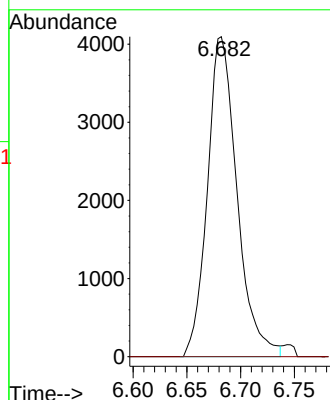
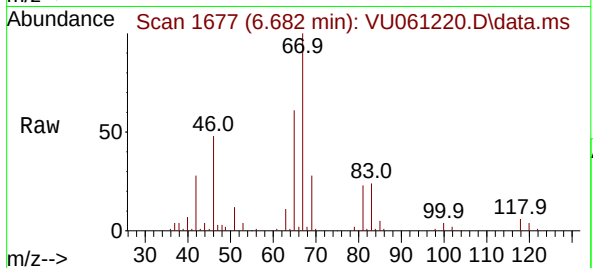




#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

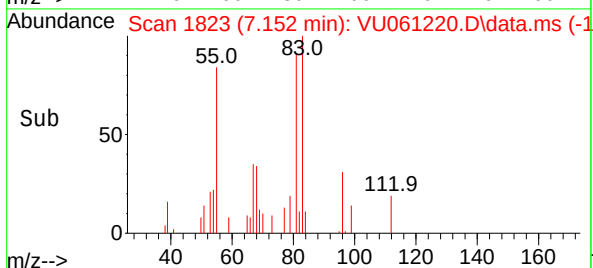
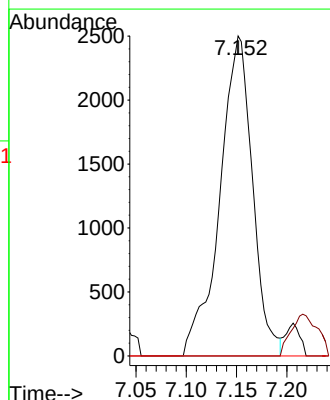
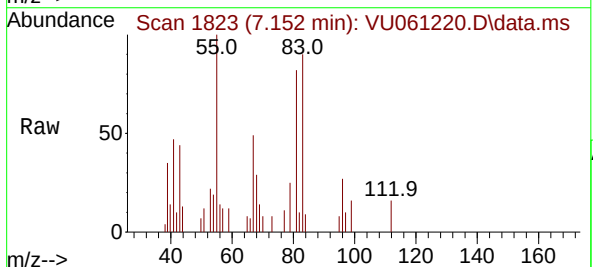
Instrument :
MSVOA_U
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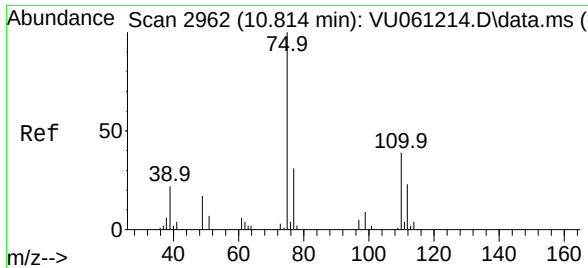
Tgt Ion: 63 Resp: 7860
Ion Ratio Lower Upper
63 100
112 0.8 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.341 ug/L
RT: 7.152 min Scan# 1823
Delta R.T. 0.054 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

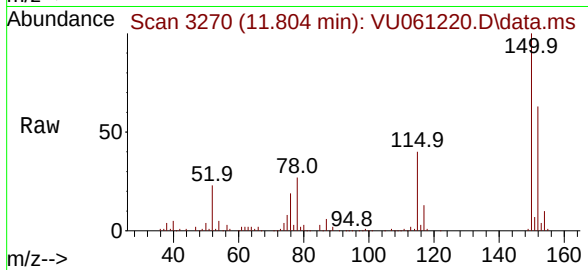
Tgt Ion: 83 Resp: 5660
Ion Ratio Lower Upper
83 100
85 0.0 43.8 81.4#
127 0.0 7.4 11.0#





#61
1,2,3-Trichloropropane
Concen: 1.315 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061220.D
Acq: 25 Oct 2024 12:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 10030
Ion Ratio Lower Upper
75 100
110 1.7 28.8 43.2#
77 35.6 25.7 38.5

