

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061462.D
 Acq On : 05 Nov 2024 19:03
 Operator : MD/SY
 Sample : P4689-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 00:05:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 23:59:28 2024
 Response via : Initial Calibration

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

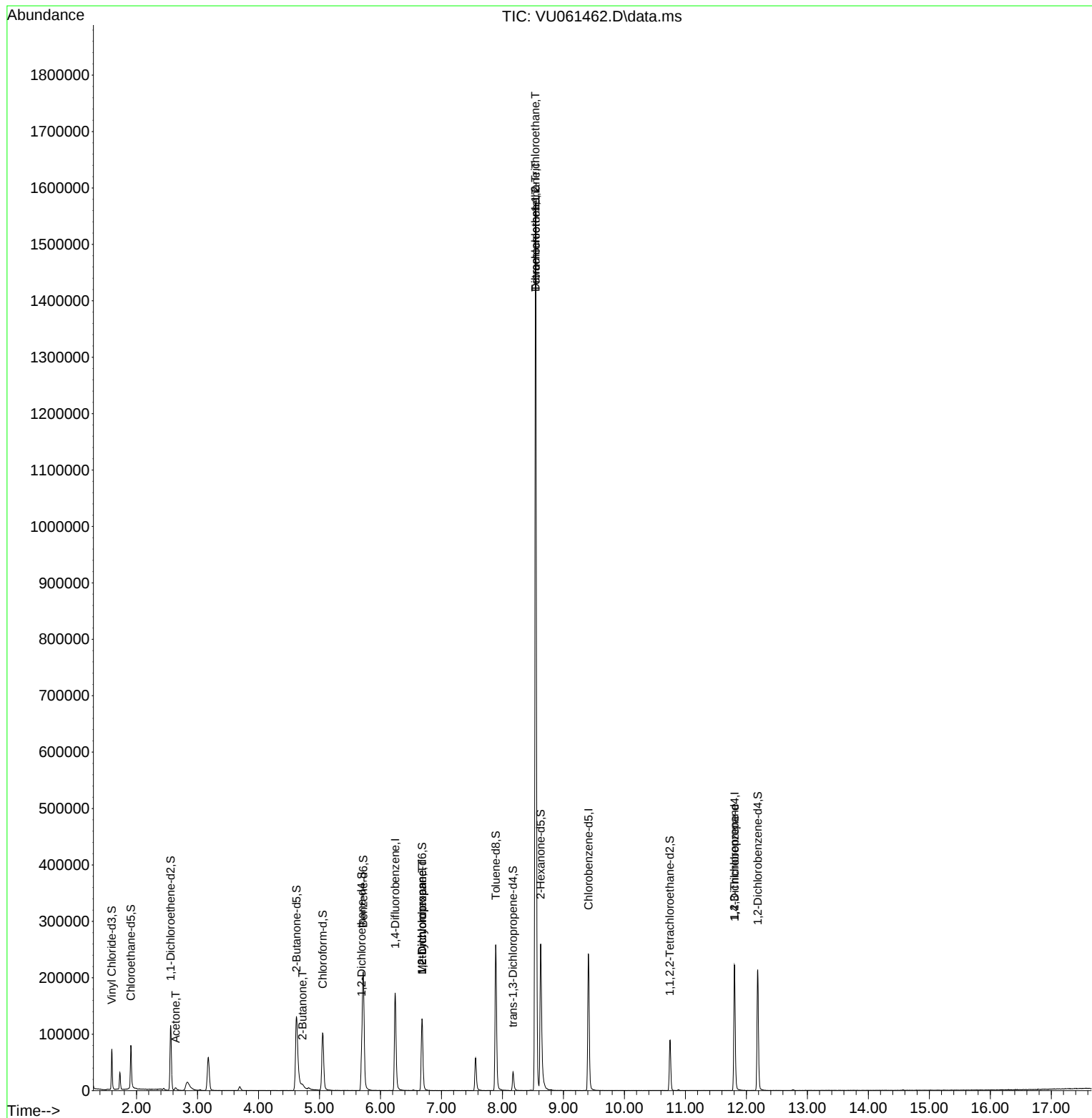
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150294	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49310	4.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.907	69	53360	5.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.560	65	21454	4.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.624	46	110089	53.110	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.220%
24) Chloroform-d	5.052	84	97342	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.692	65	51858	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.717	84	203910	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	62274	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.891	98	183502	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	20238	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	96561	48.489	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45972	5.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59497	5.446	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds					Qvalue	
13) Acetone	2.640	43	6122	4.663	ug/L	97
21) 2-Butanone	4.721	43	10143	4.873	ug/L	97
35) Methylcyclohexane	6.682	83	14561	0.773	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6593	0.598	ug/L #	89
45) 1,1,2-Trichloroethane	8.541	97	3107	0.392	ug/L #	1
47) Tetrachloroethene	8.544	164	336100	40.682	ug/L	99
49) Dibromochloromethane	8.544	129	330243	36.708	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	7977	1.298	ug/L #	68

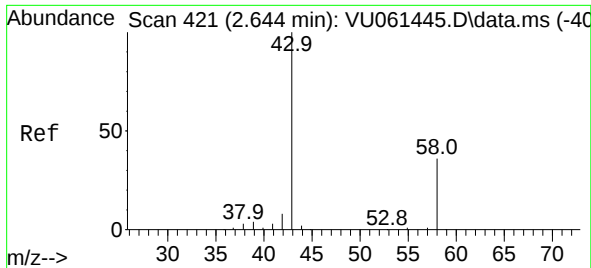
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.663 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061462.D

Acq: 05 Nov 2024 19:03

Instrument :

MSVOA_U

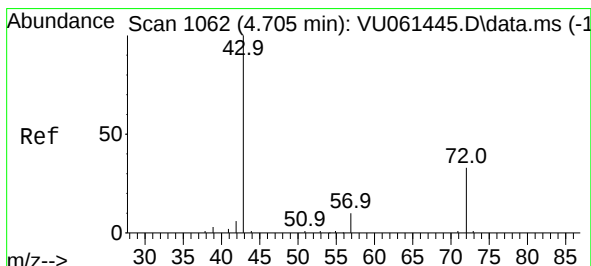
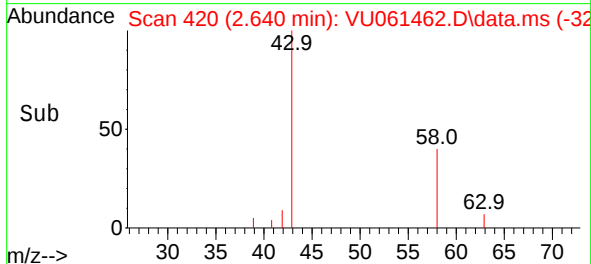
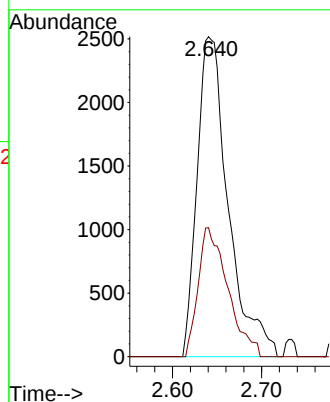
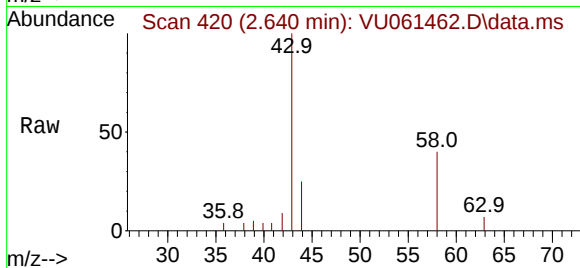
ClientSampleId :

Tgt Ion: 43 Resp: 6122

Ion Ratio Lower Upper

43 100

58 38.3 0.0 73.2



#21

2-Butanone

Concen: 4.873 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.016 min

Lab File: VU061462.D

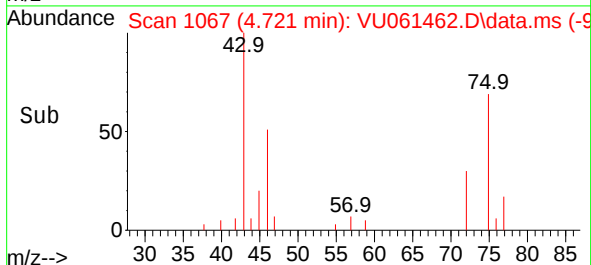
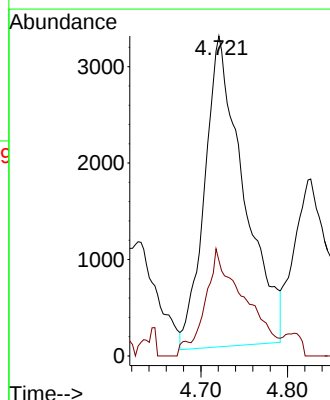
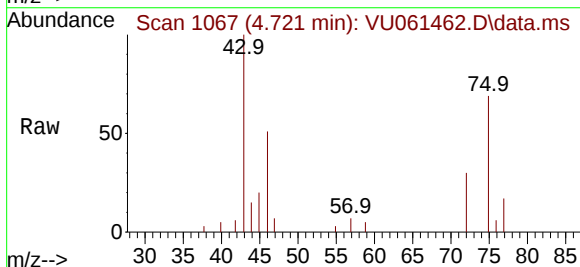
Acq: 05 Nov 2024 19:03

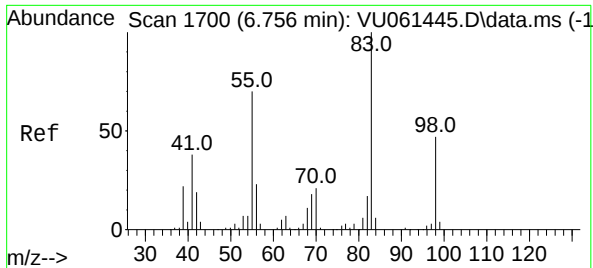
Tgt Ion: 43 Resp: 10143

Ion Ratio Lower Upper

43 100

72 33.6 15.9 47.6





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061462.D

Acq: 05 Nov 2024 19:03

Instrument :

MSVOA_U

ClientSampleId :

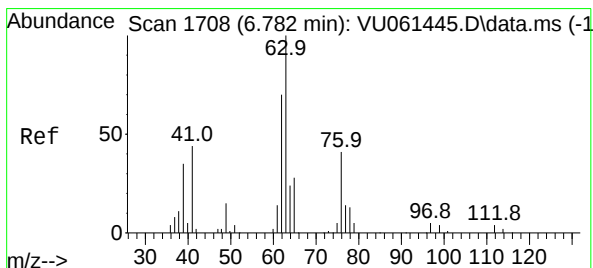
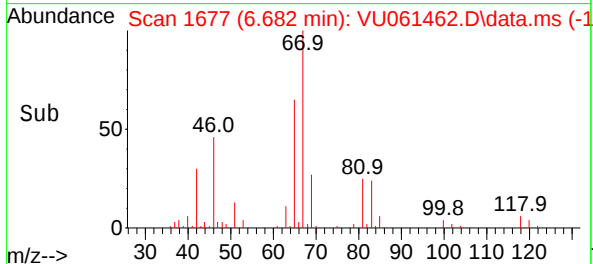
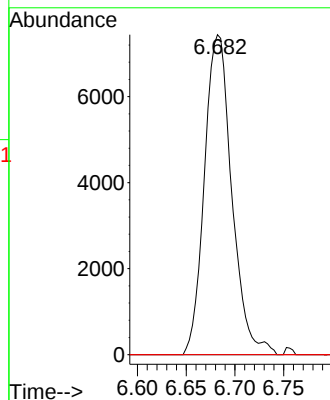
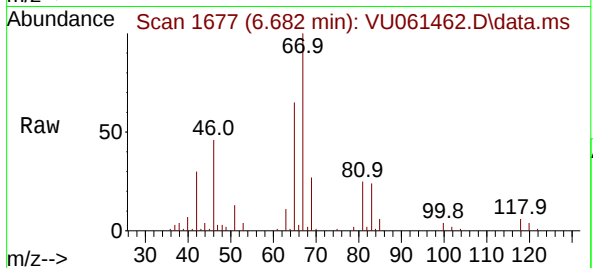
Tgt Ion: 83 Resp: 14561

Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 0.0 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061462.D

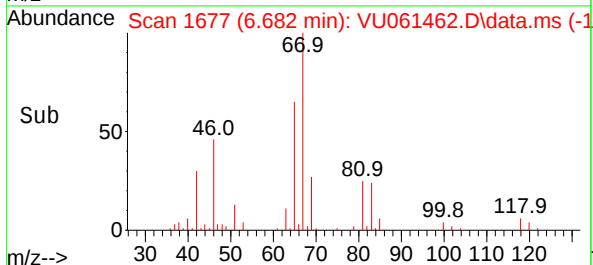
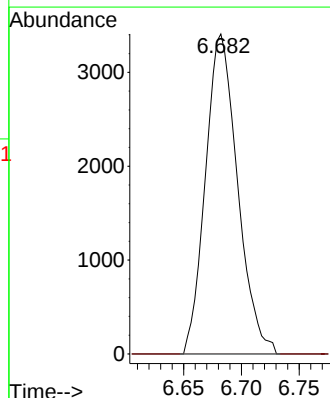
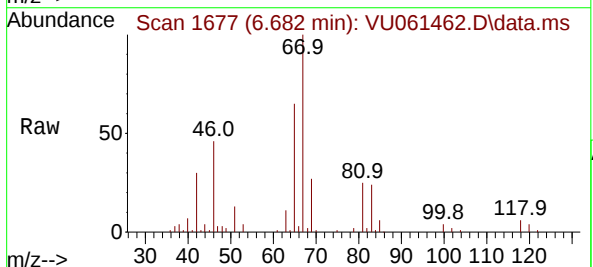
Acq: 05 Nov 2024 19:03

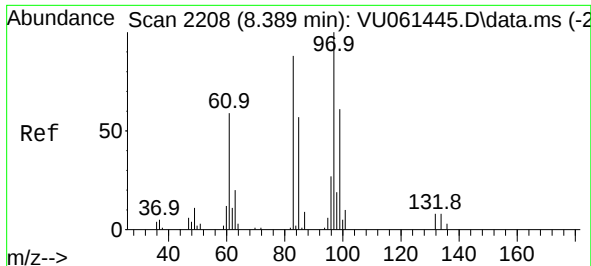
Tgt Ion: 63 Resp: 6593

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



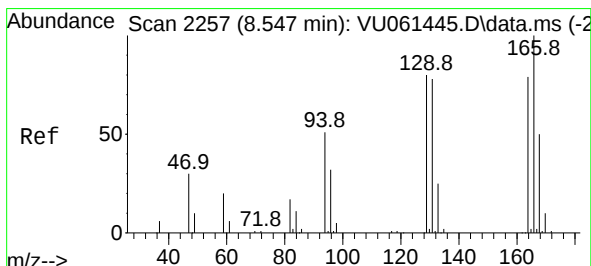
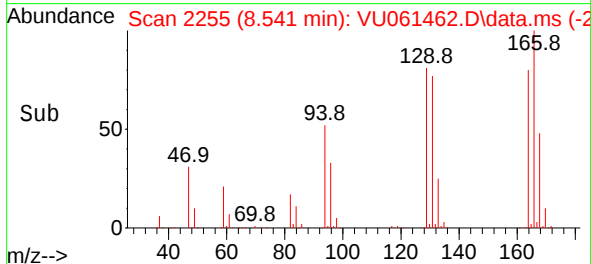
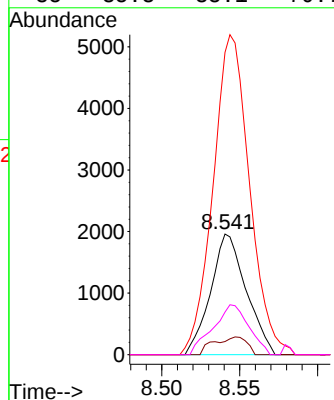
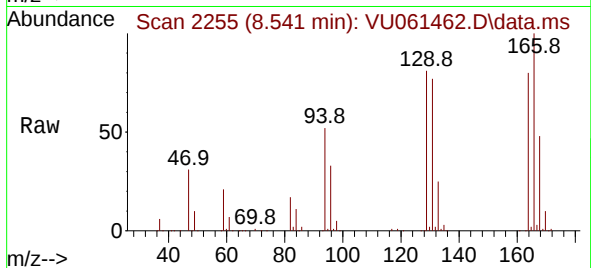


#45
1,1,2-Trichloroethane
Concen: 0.392 ug/L
RT: 8.541 min Scan# 2208
Delta R.T. 0.151 min
Lab File: VU061462.D
Acq: 05 Nov 2024 19:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3107

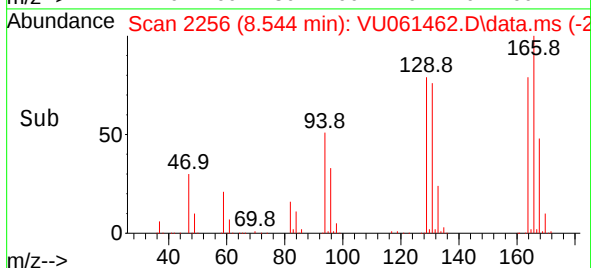
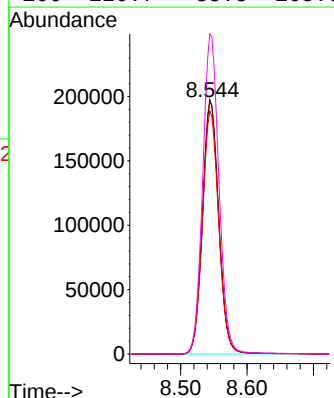
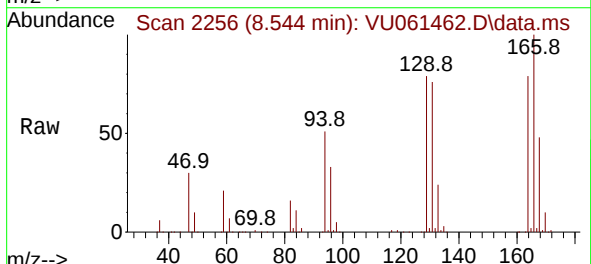
Ion	Ratio	Lower	Upper
97	100		
99	10.8	44.1	81.9#
83	250.6	61.2	113.6#
85	35.3	38.1	70.7#

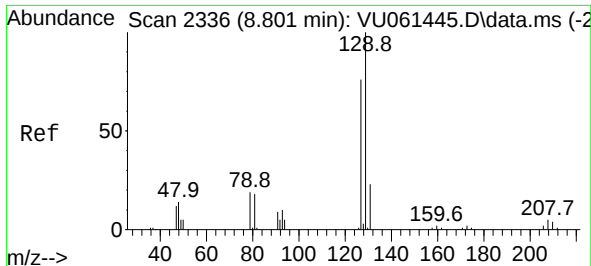


#47
Tetrachloroethene
Concen: 40.682 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061462.D
Acq: 05 Nov 2024 19:03

Tgt Ion: 164 Resp: 336100

Ion	Ratio	Lower	Upper
164	100		
129	100.7	69.9	129.7
131	96.2	68.3	126.8
166	126.7	88.8	165.0





#49

Dibromochloromethane

Concen: 36.708 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061462.D

Acq: 05 Nov 2024 19:03

Instrument :

MSVOA_U

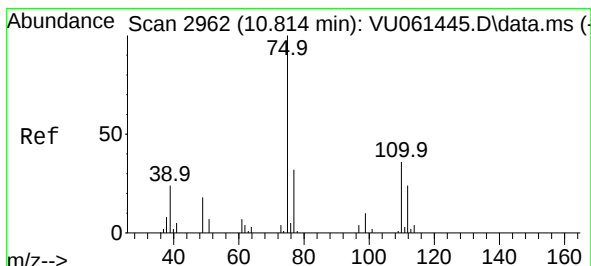
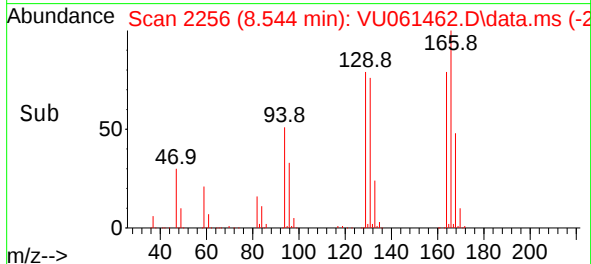
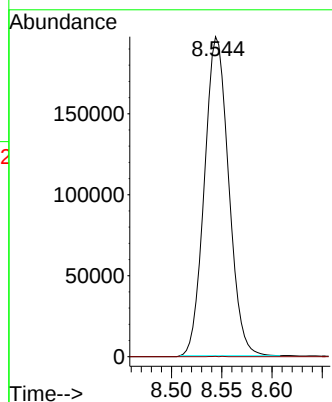
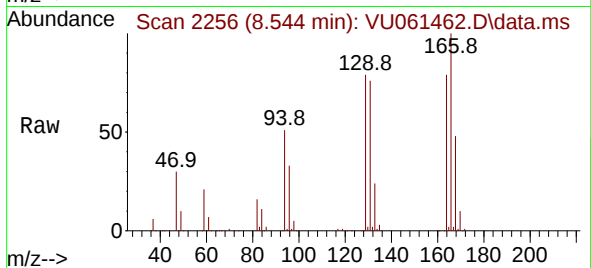
ClientSampleId :

Tgt Ion:129 Resp: 330243

Ion Ratio Lower Upper

129 100

127 0.1 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.298 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061462.D

Acq: 05 Nov 2024 19:03

Tgt Ion: 75 Resp: 7977

Ion Ratio Lower Upper

75 100

110 2.4 28.8 43.2#

77 34.6 25.7 38.5

