

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061716.D
 Acq On : 15 Nov 2024 13:20
 Operator : MD/SY
 Sample : P4800-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:20:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

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

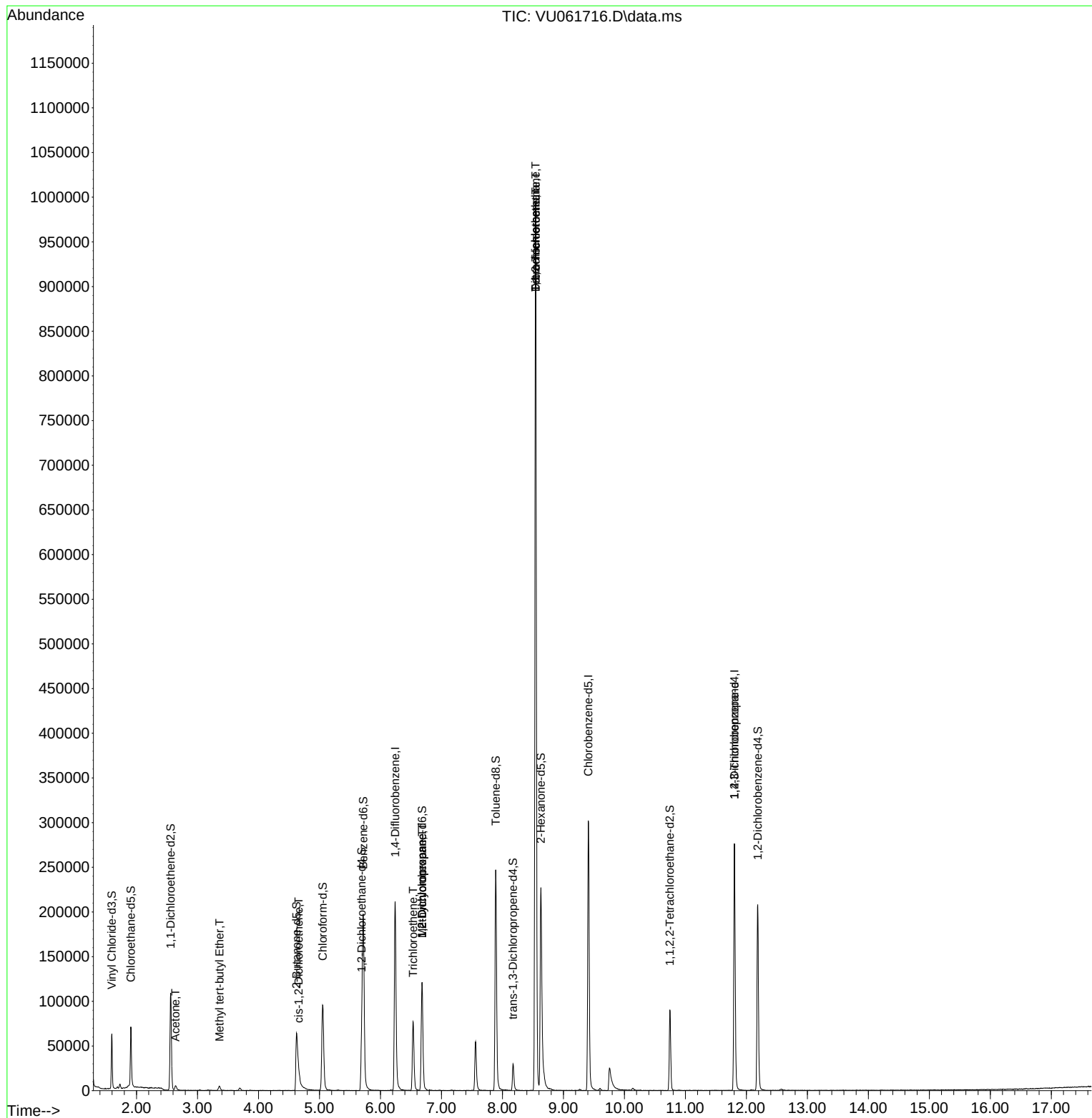
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176870	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42880	3.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.907	69	45903	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	20154	3.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.624	46	103874	40.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.760%
24) Chloroform-d	5.052	84	93905	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	5.692	65	49057	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.717	84	196801	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	60738	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.891	98	177078	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	18942	3.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.630	63	89037	42.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45687	4.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58852	4.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	7036	4.341	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	5705	0.206	ug/L #	92
22) cis-1,2-Dichloroethene	4.660	96	3280	0.234	ug/L	92
34) Trichloroethene	6.534	95	27367	1.893	ug/L	99
35) Methylcyclohexane	6.682	83	13343	0.612	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6119	0.451	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	1729	0.175	ug/L #	1
47) Tetrachloroethene	8.544	164	218507	20.118	ug/L	99
49) Dibromochloromethane	8.544	129	215664	20.775	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	9151	1.254	ug/L #	66

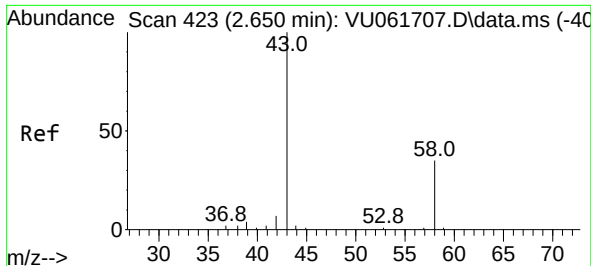
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.341 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU061716.D

Acq: 15 Nov 2024 13:20

Instrument :

MSVOA_U

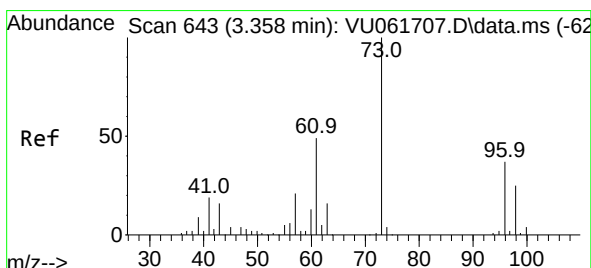
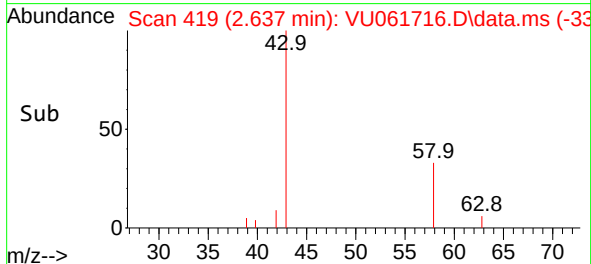
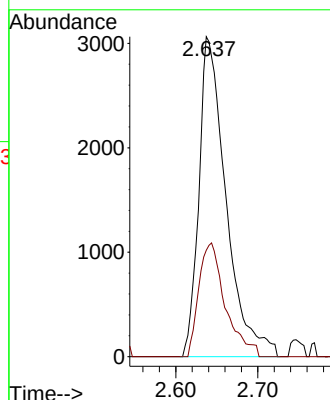
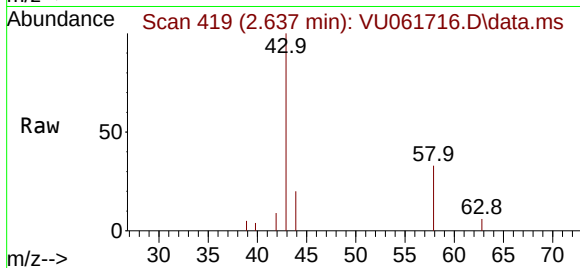
ClientSampleId :

Tgt Ion: 43 Resp: 7036

Ion Ratio Lower Upper

43 100

58 34.7 0.0 69.8



#17

Methyl tert-butyl Ether

Concen: 0.206 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.003 min

Lab File: VU061716.D

Acq: 15 Nov 2024 13:20

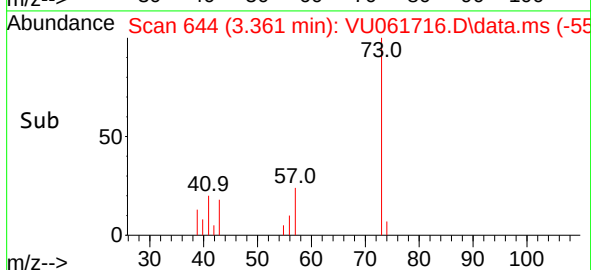
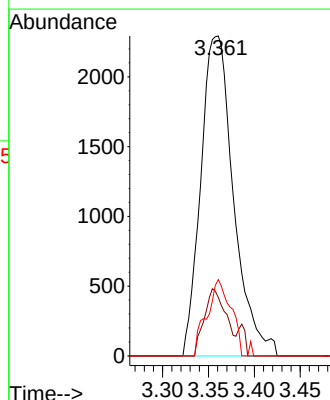
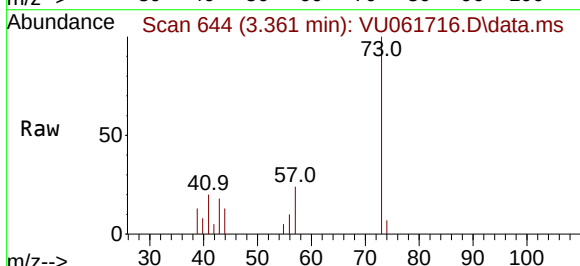
Tgt Ion: 73 Resp: 5705

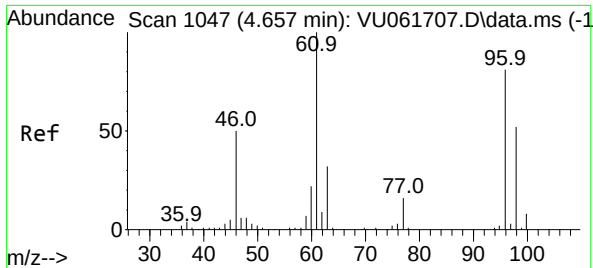
Ion Ratio Lower Upper

73 100

43 14.2 14.2 21.4#

57 17.5 16.9 25.3

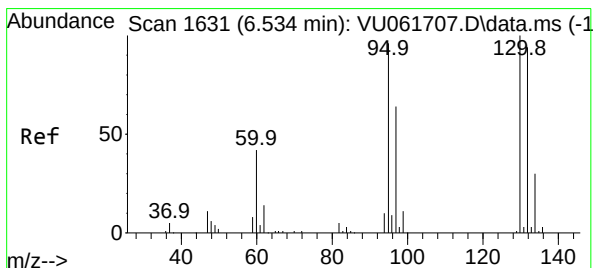
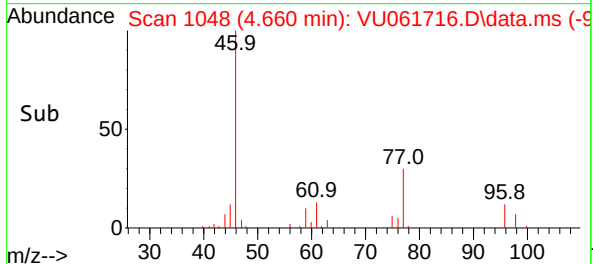
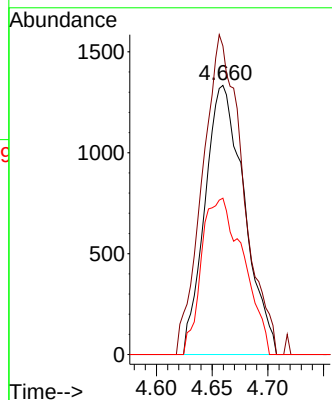
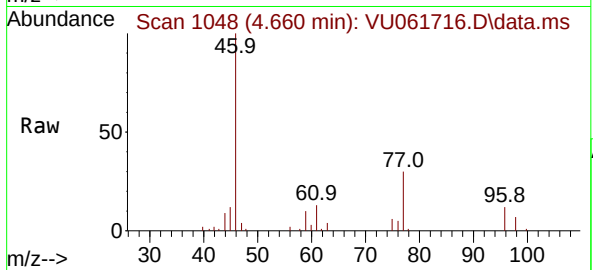




#22
 cis-1,2-Dichloroethene
 Concen: 0.234 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061716.D
 Acq: 15 Nov 2024 13:20

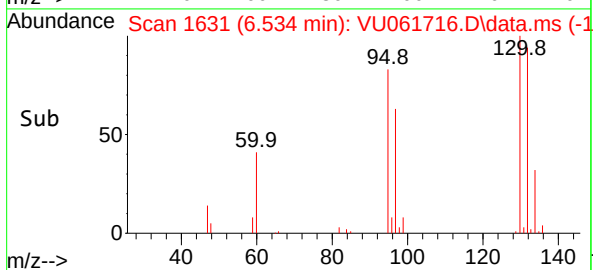
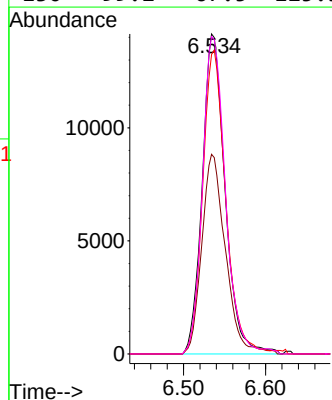
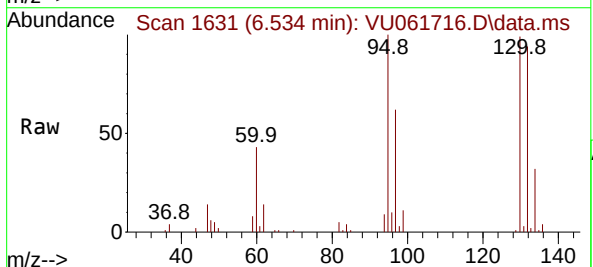
Instrument :
 MSVOA_U
 ClientSampleId :

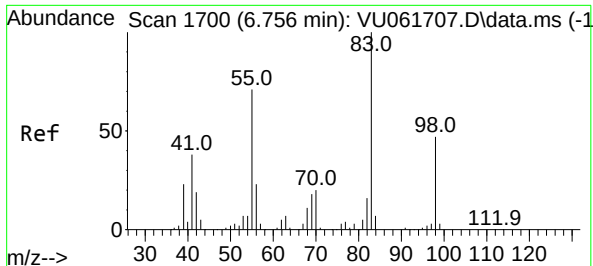
Tgt Ion: 96 Resp: 3280
 Ion Ratio Lower Upper
 96 100
 61 114.6 85.6 159.0
 98 58.1 45.6 84.8



#34
 Trichloroethene
 Concen: 1.893 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU061716.D
 Acq: 15 Nov 2024 13:20

Tgt Ion: 95 Resp: 27367
 Ion Ratio Lower Upper
 95 100
 97 62.4 43.5 80.9
 132 93.6 65.2 121.0
 130 99.2 67.5 125.3

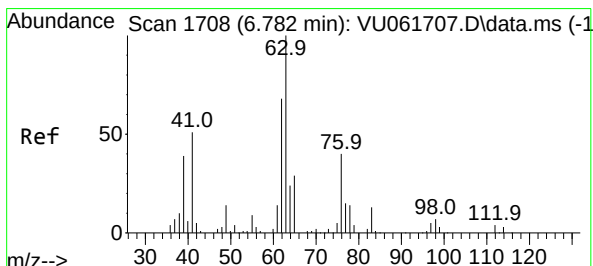
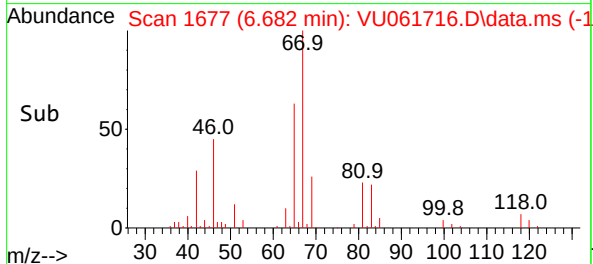
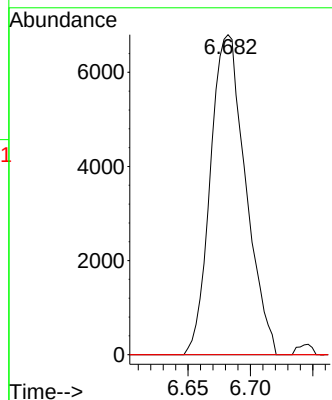
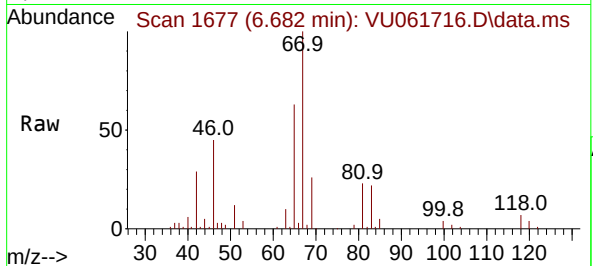




#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061716.D
Acq: 15 Nov 2024 13:20

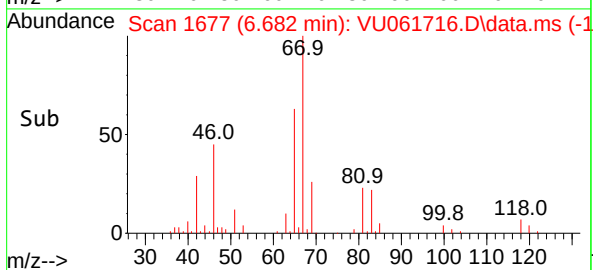
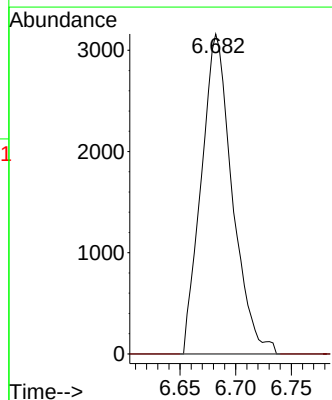
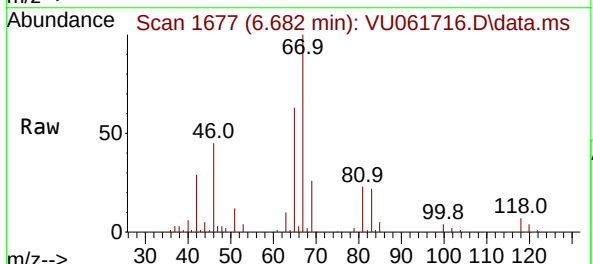
Instrument :
MSVOA_U
ClientSampleId :

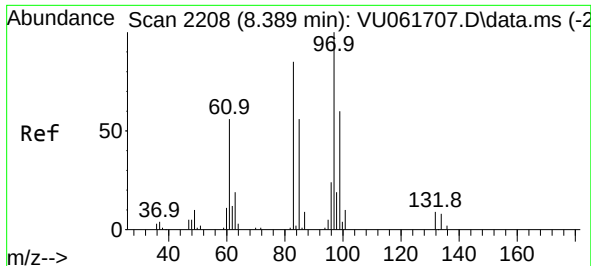
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	0.0	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.451 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061716.D
Acq: 15 Nov 2024 13:20

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#45

1,1,2-Trichloroethane

Concen: 0.175 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.154 min

Lab File: VU061716.D

Acq: 15 Nov 2024 13:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1729

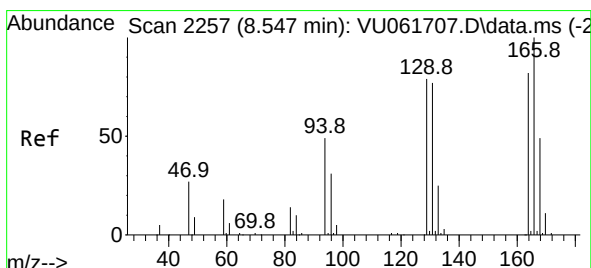
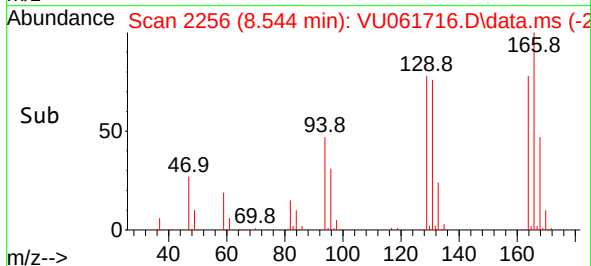
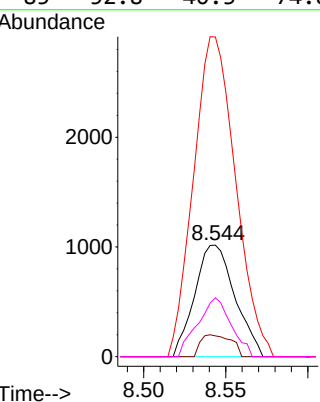
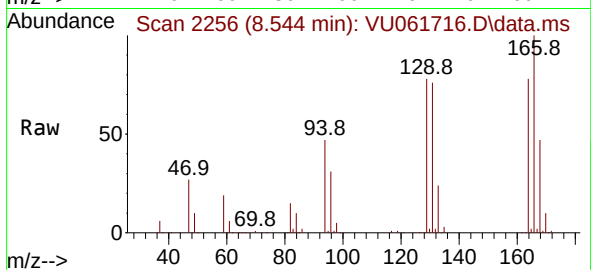
Ion Ratio Lower Upper

97 100

99 18.6 43.8 81.3#

83 286.8 63.2 117.4#

85 52.8 40.3 74.8



#47

Tetrachloroethene

Concen: 20.118 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061716.D

Acq: 15 Nov 2024 13:20

Tgt Ion:164 Resp: 218507

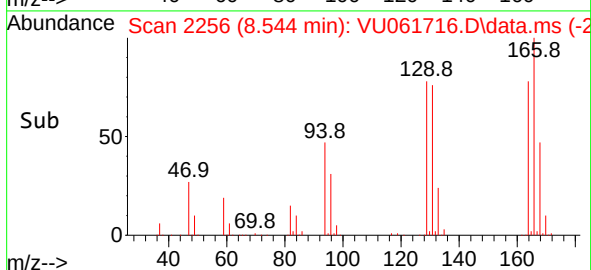
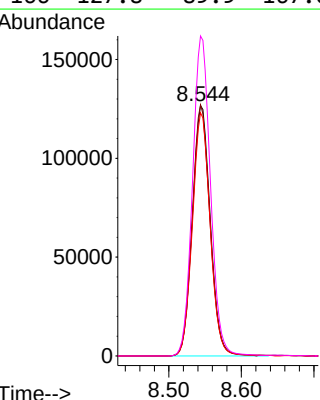
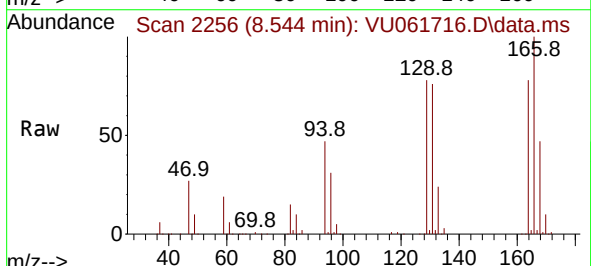
Ion Ratio Lower Upper

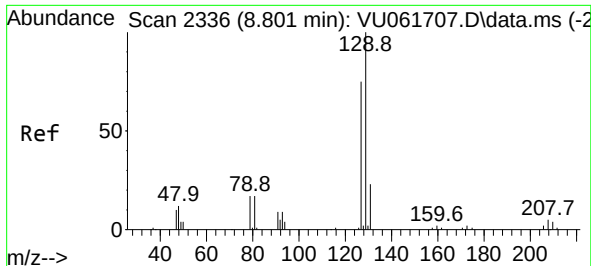
164 100

129 100.3 71.7 133.3

131 97.1 68.2 126.6

166 127.8 89.9 167.0

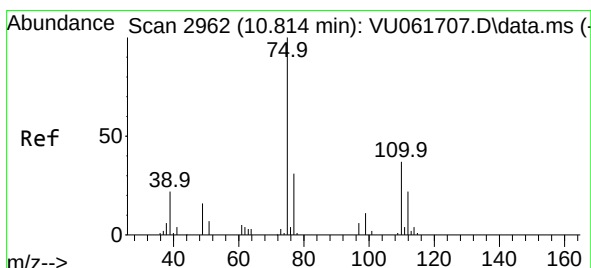
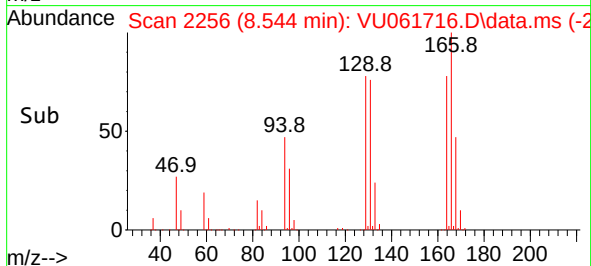
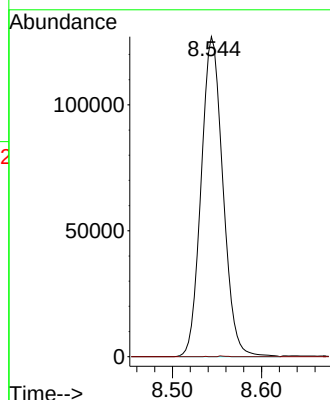
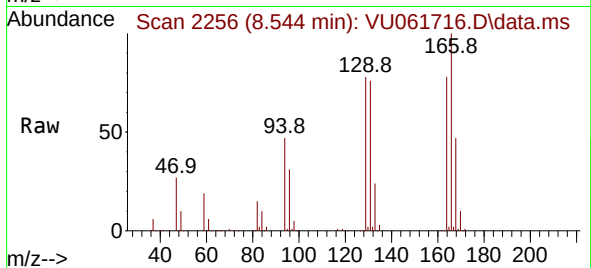




#49
Dibromochloromethane
Concen: 20.775 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU061716.D
Acq: 15 Nov 2024 13:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 215664
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#



#61
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061716.D
Acq: 15 Nov 2024 13:20

Tgt Ion: 75 Resp: 9151
Ion Ratio Lower Upper
75 100
110 1.8 31.3 46.9#
77 32.0 26.0 39.0

