

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061626.D
 Acq On : 13 Nov 2024 16:03
 Operator : MD/SY
 Sample : P4747-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 01:30:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:27:20 2024
 Response via : Initial Calibration

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

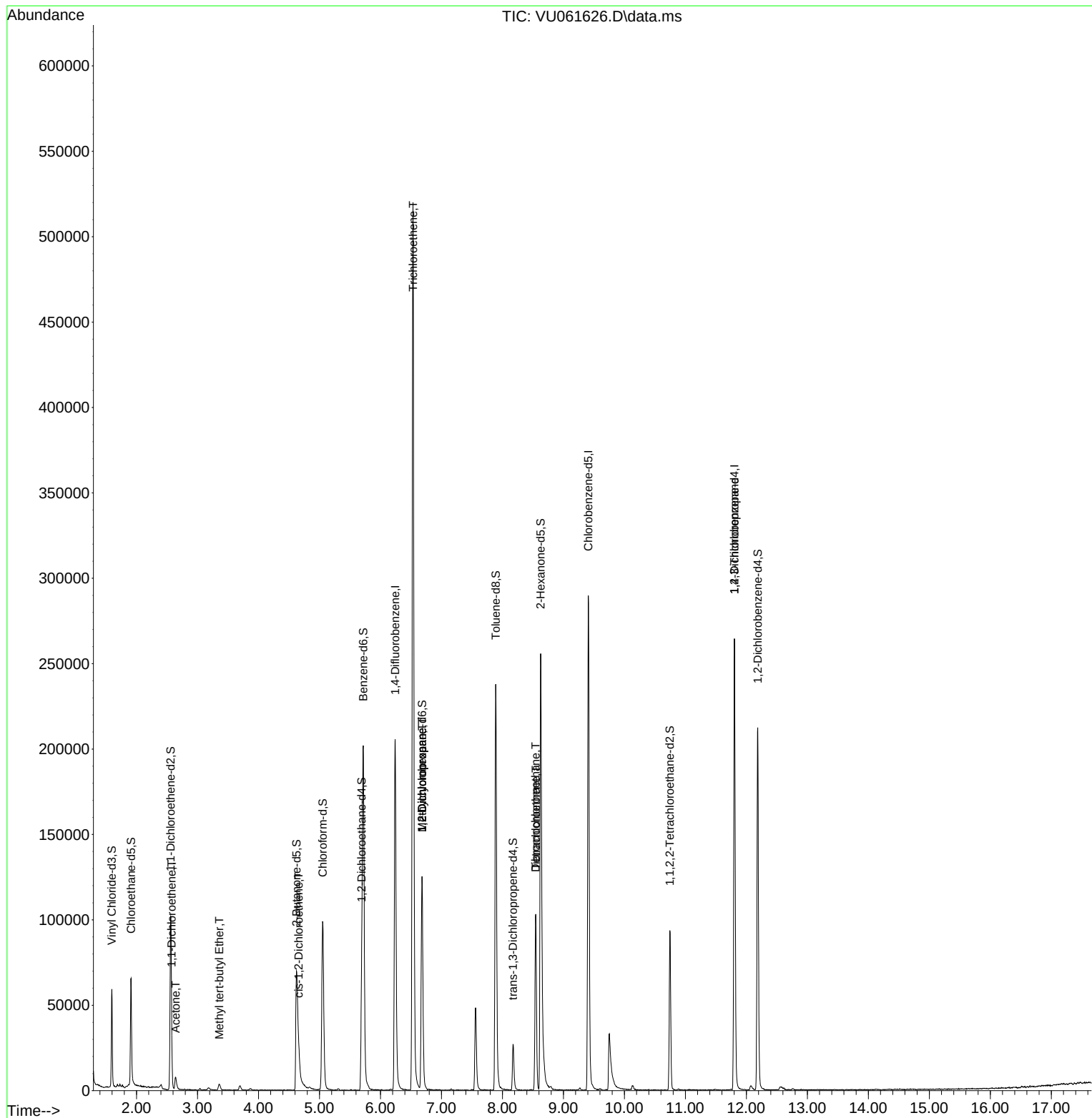
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	179619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39369	3.392	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.800%	
7) Chloroethane-d5	1.911	69	44704	4.512	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.560	65	19079	3.664	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	4.624	46	112015	45.474	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.940%	
24) Chloroform-d	5.052	84	96522	4.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.692	65	49006	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.717	84	198187	4.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.682	67	62022	4.440	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.891	98	173283	3.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.174	79	17111	3.326	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.600%	
46) 2-Hexanone-d5	8.627	63	92706	45.598	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.200%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48061	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	57554	4.374	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	2141	0.197	ug/L #	1
13) Acetone	2.644	43	9790	6.308	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	4299	0.162	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	4059	0.303	ug/L	96
34) Trichloroethene	6.534	95	180794	12.923	ug/L	96
35) Methylcyclohexane	6.682	83	14209	0.673	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6834	0.520	ug/L #	89
47) Tetrachloroethene	8.547	164	22937	2.182	ug/L	97
49) Dibromochloromethane	8.544	129	23372	2.326	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	9247	1.329	ug/L #	65

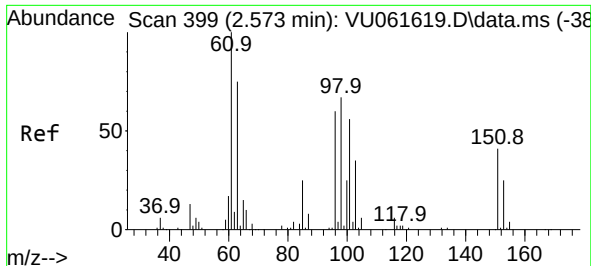
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 14 00:27:20 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.197 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU061626.D

Acq: 13 Nov 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

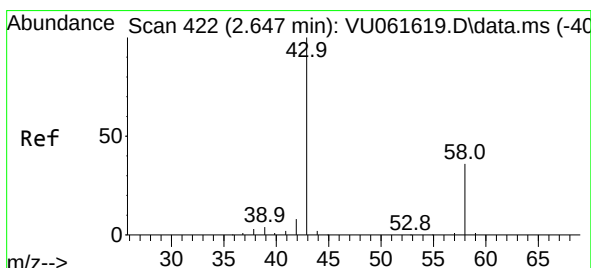
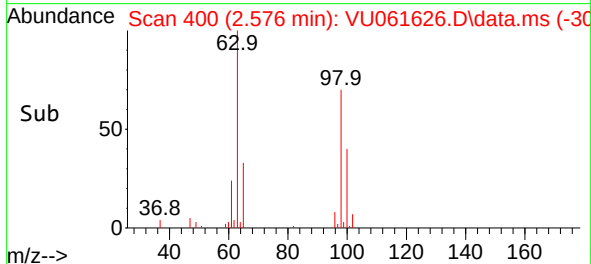
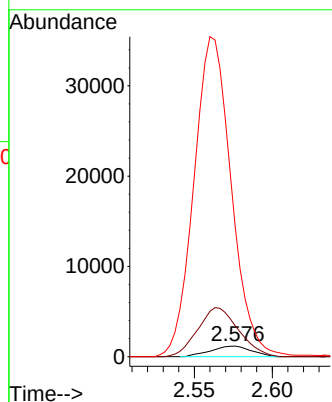
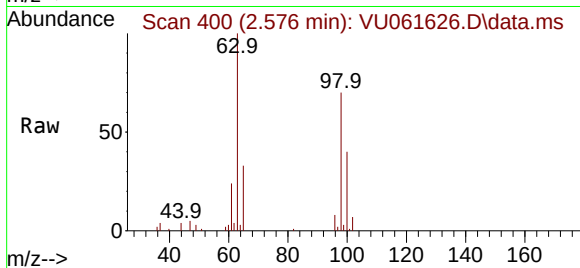
Tgt Ion: 96 Resp: 2141

Ion Ratio Lower Upper

96 100

61 292.8 116.8 217.0#

63 1234.2 86.1 159.9#



#13

Acetone

Concen: 6.308 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU061626.D

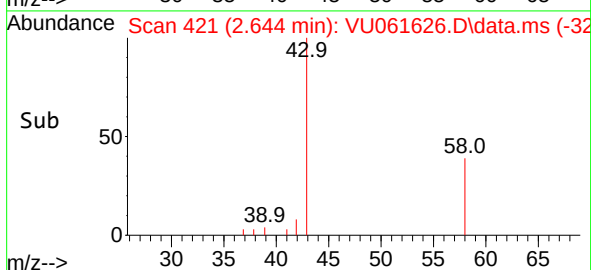
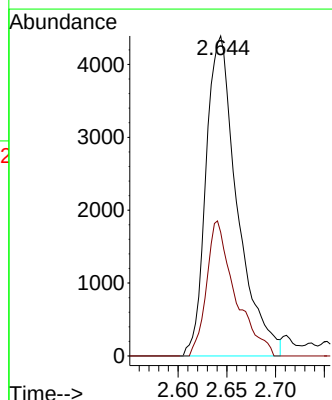
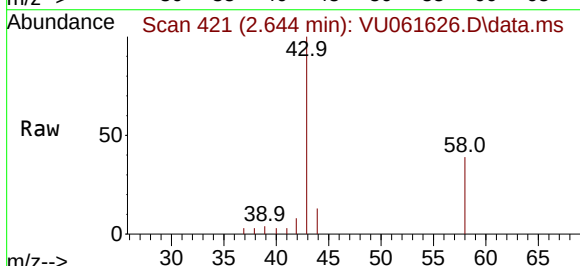
Acq: 13 Nov 2024 16:03

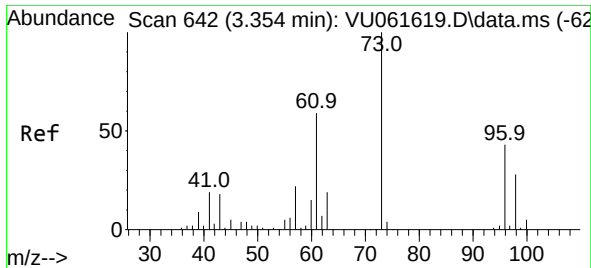
Tgt Ion: 43 Resp: 9790

Ion Ratio Lower Upper

43 100

58 38.4 0.0 69.8

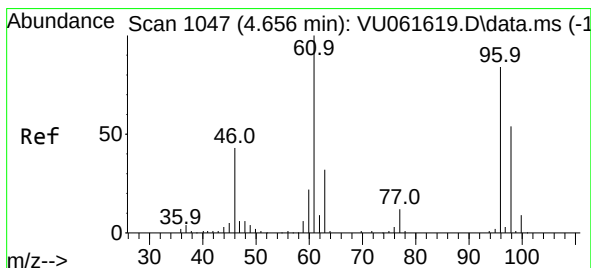
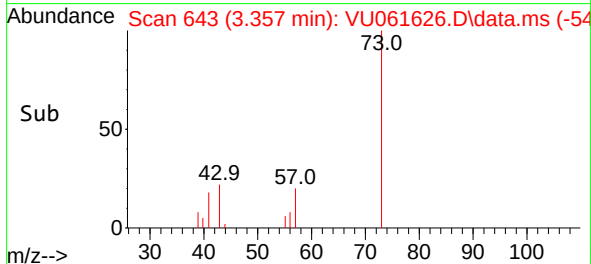
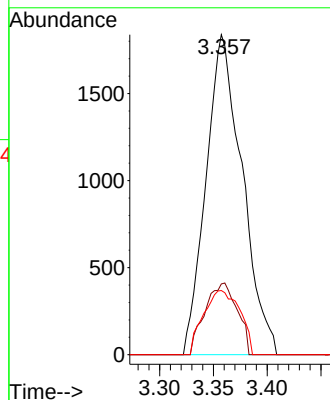
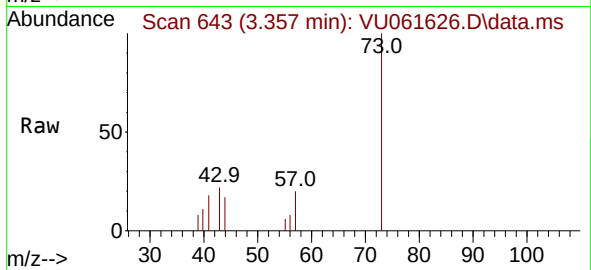




#17
Methyl tert-butyl Ether
Concen: 0.162 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061626.D
Acq: 13 Nov 2024 16:03

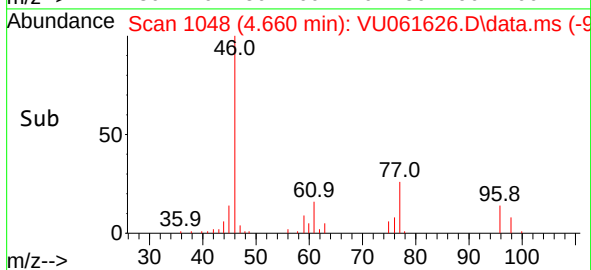
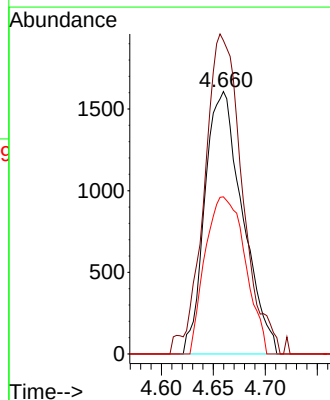
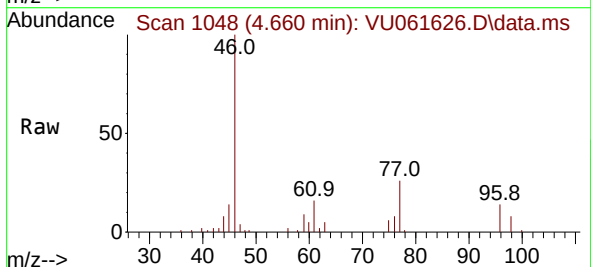
Instrument :
MSVOA_U
ClientSampleId :

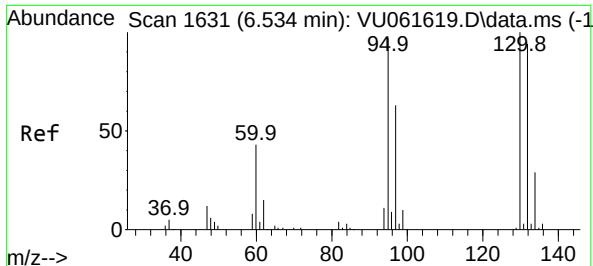
Tgt Ion: 73 Resp: 4299
Ion Ratio Lower Upper
73 100
43 20.1 14.2 21.4
57 20.2 16.9 25.3



#22
cis-1,2-Dichloroethene
Concen: 0.303 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061626.D
Acq: 13 Nov 2024 16:03

Tgt Ion: 96 Resp: 4059
Ion Ratio Lower Upper
96 100
61 119.5 85.6 159.0
98 59.9 45.6 84.8

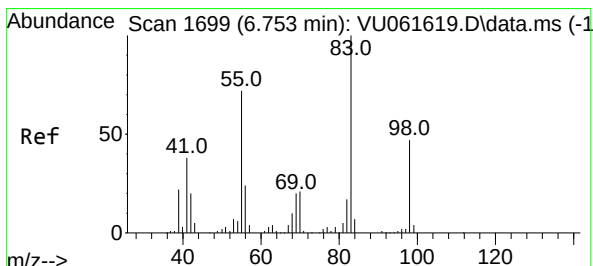
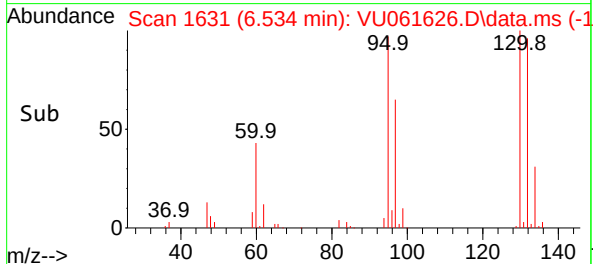
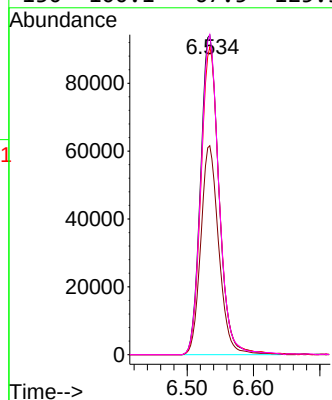
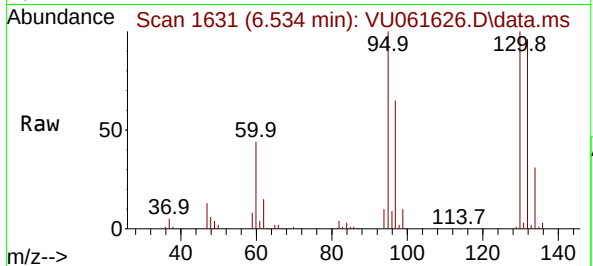




#34
Trichloroethene
Concen: 12.923 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061626.D
Acq: 13 Nov 2024 16:03

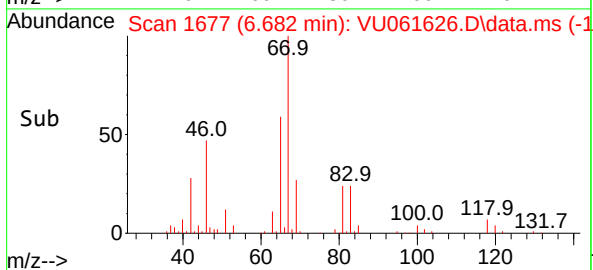
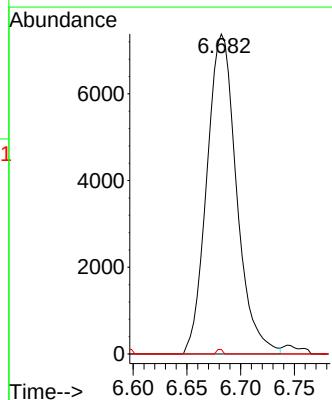
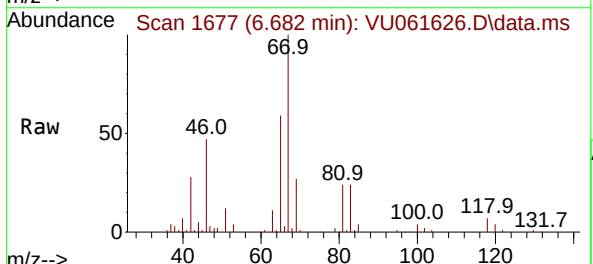
Instrument :
MSVOA_U
ClientSampleId :

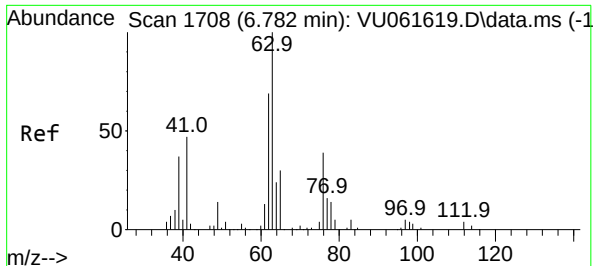
Tgt Ion: 95 Resp: 180794
Ion Ratio Lower Upper
95 100
97 65.4 43.5 80.9
132 96.2 65.2 121.0
130 100.1 67.5 125.3



#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061626.D
Acq: 13 Nov 2024 16:03

Tgt Ion: 83 Resp: 14209
Ion Ratio Lower Upper
83 100
55 0.0 56.4 84.6#
98 0.0 37.7 56.5#

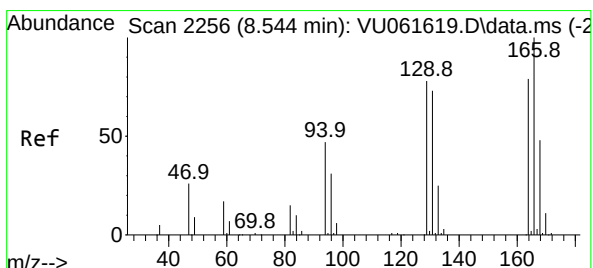
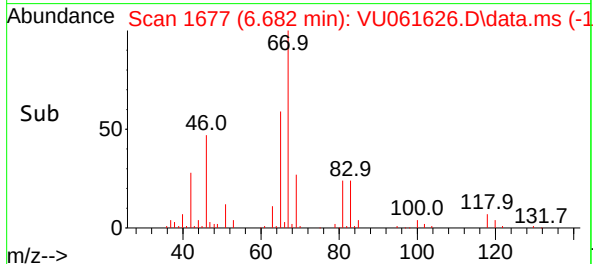
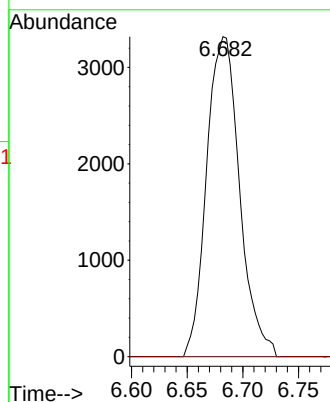
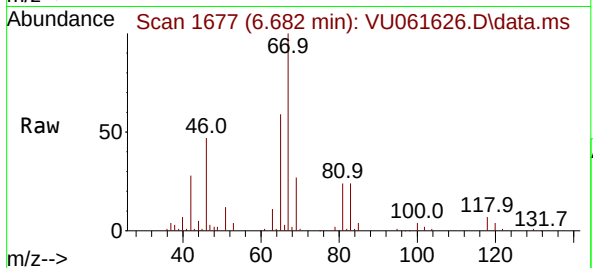




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061626.D
Acq: 13 Nov 2024 16:03

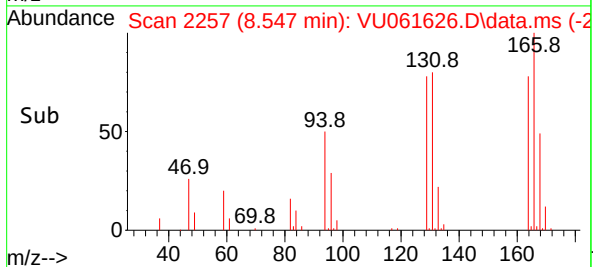
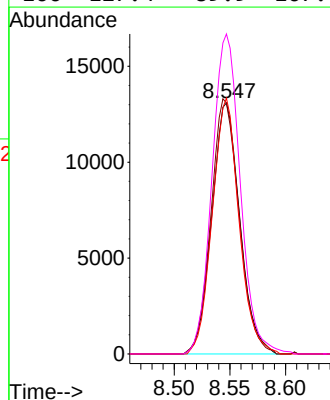
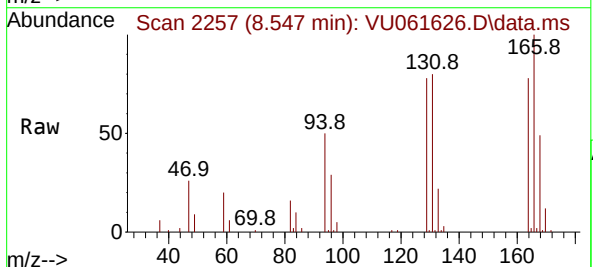
Instrument :
MSVOA_U
ClientSampleId :

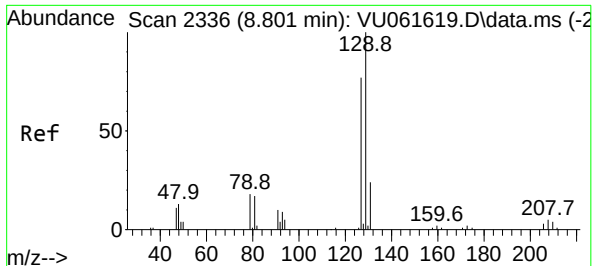
Tgt Ion: 63 Resp: 6834
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 2.182 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061626.D
Acq: 13 Nov 2024 16:03

Tgt Ion:164 Resp: 22937
Ion Ratio Lower Upper
164 100
129 99.9 71.7 133.3
131 101.9 68.2 126.6
166 127.4 89.9 167.0





#49

Dibromochloromethane

Concen: 2.326 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061626.D

Acq: 13 Nov 2024 16:03

Instrument :

MSVOA_U

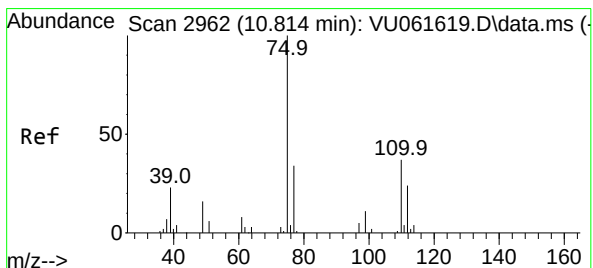
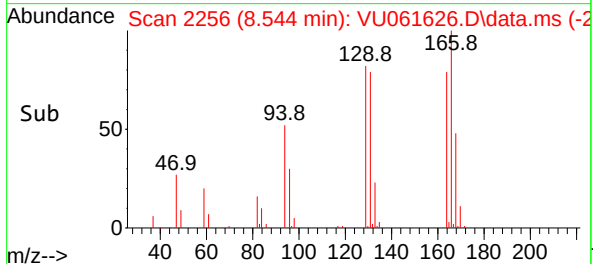
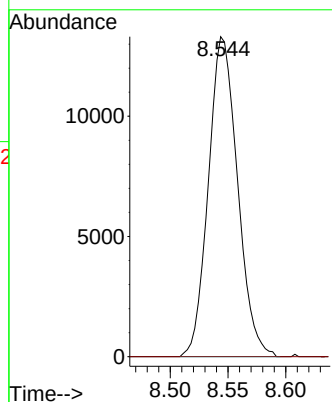
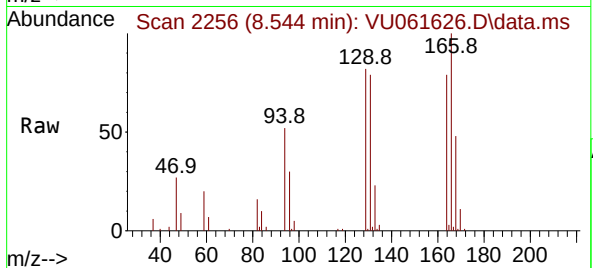
ClientSampleId :

Tgt Ion:129 Resp: 23372

Ion Ratio Lower Upper

129 100

127 0.0 55.1 102.3#



#61

1,2,3-Trichloropropane

Concen: 1.329 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061626.D

Acq: 13 Nov 2024 16:03

Tgt Ion: 75 Resp: 9247

Ion Ratio Lower Upper

75 100

110 1.7 31.3 46.9#

77 33.9 26.0 39.0

