

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034427.D
 Acq On : 26 Feb 2024 23:07
 Operator : SY/MD
 Sample : P1535-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 27 05:10:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

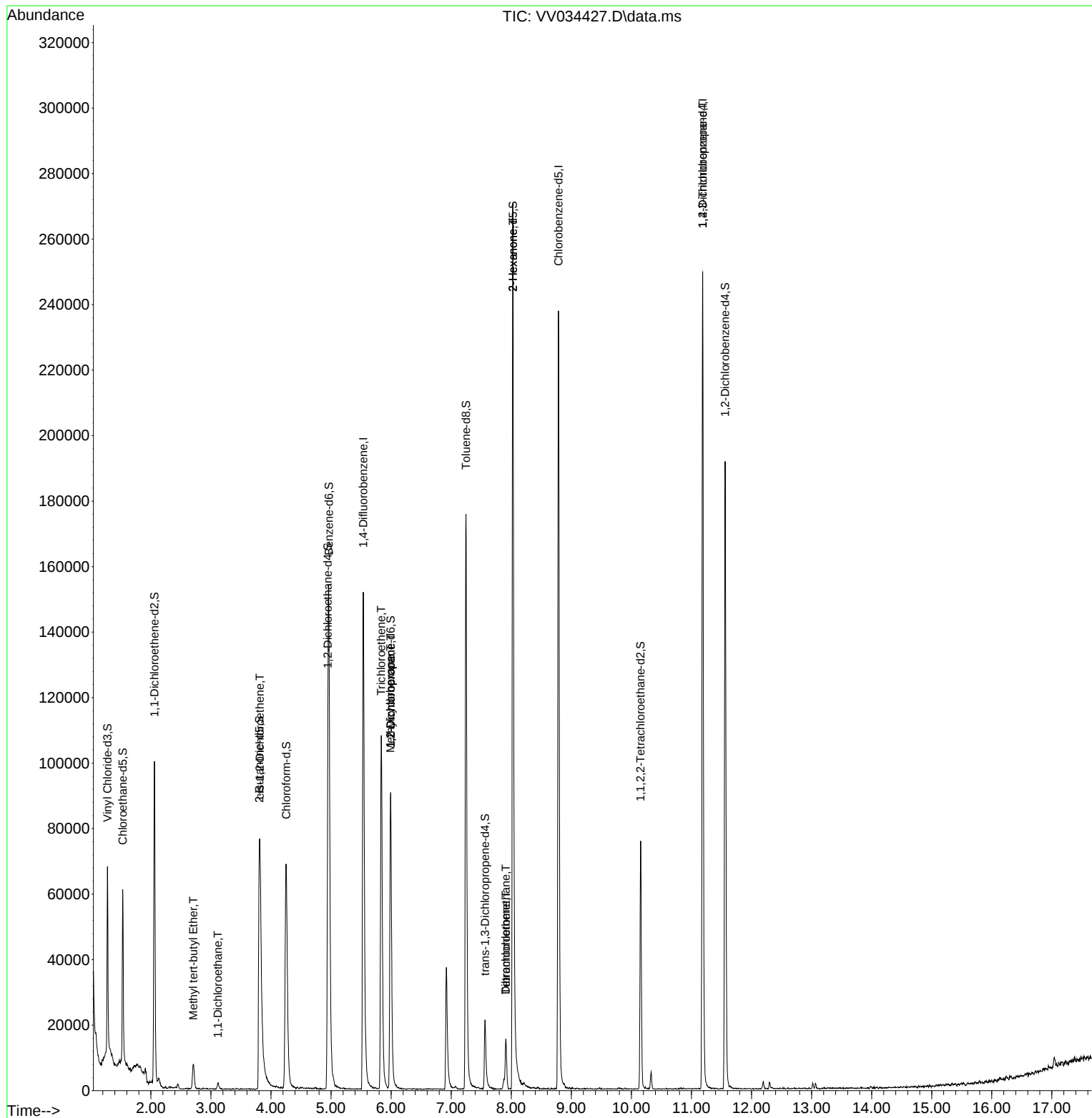
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	132468	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	64404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34884	4.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.532	69	32275	4.752	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.060	65	16035	4.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.806	46	109585	54.506	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.020%	
24) Chloroform-d	4.252	84	75210	4.871	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	4.947	65	40634	5.172	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	4.963	84	136763	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	5.992	67	43730	5.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.246	98	117804	4.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.564	79	15054	4.726	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.027	63	95797	53.192	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.380%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	35300	5.216	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	49532	5.062	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
17) Methyl tert-butyl Ether	2.706	73	8090	0.375	ug/L	99
19) 1,1-Dichloroethane	3.117	63	2522	0.155	ug/L	86
22) cis-1,2-Dichloroethene	3.815	96	16809	1.812	ug/L	90
34) Trichloroethene	5.834	95	38883	4.227	ug/L	98
35) Methylcyclohexane	5.989	83	11146	0.772	ug/L #	30
37) 1,2-Dichloropropane	5.992	63	5192	0.596	ug/L #	87
47) Tetrachloroethene	7.908	164	3463	0.480	ug/L	93
48) 2-Hexanone	8.027	43	11708	3.051	ug/L #	67
49) Dibromochloromethane	7.908	129	3265	0.473	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	7453	1.500	ug/L #	64

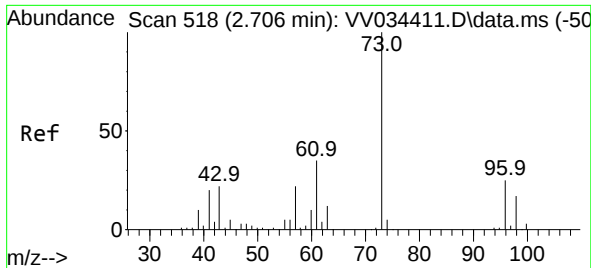
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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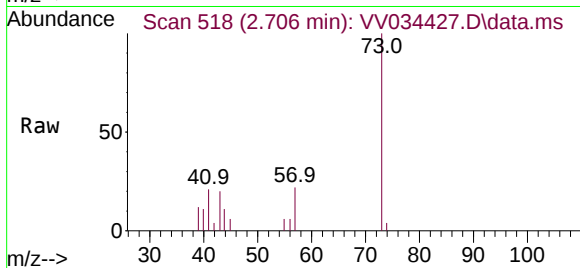
Quant Time: Feb 27 05:10:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 27 05:05:59 2024
Response via : Initial Calibration



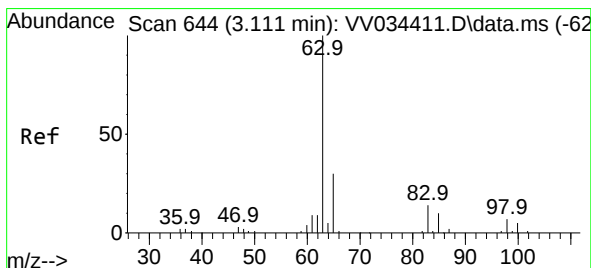
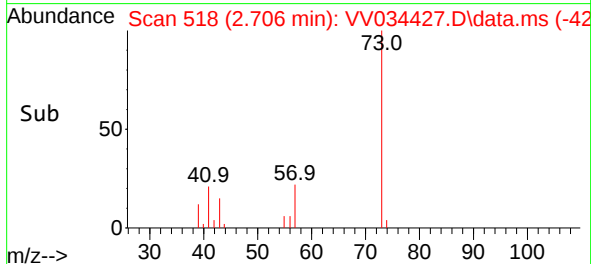
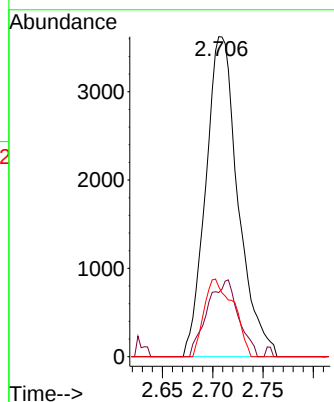


#17
Methyl tert-butyl Ether
Concen: 0.375 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

Instrument :
MSVOA_V
ClientSampleId :

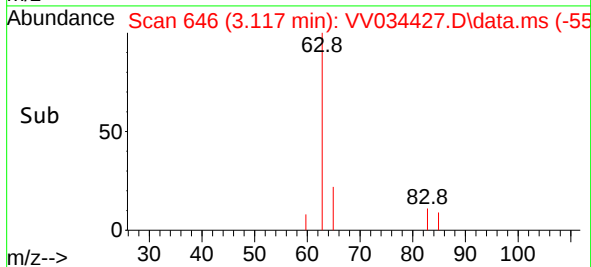
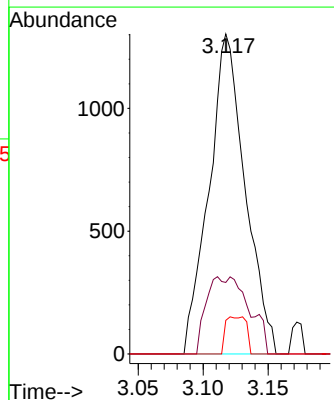
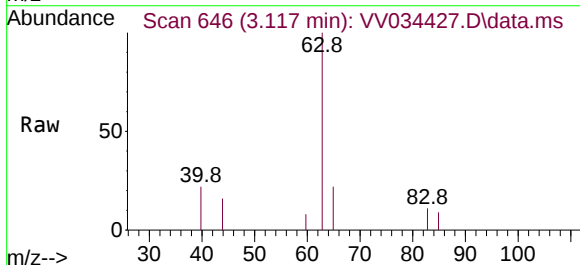


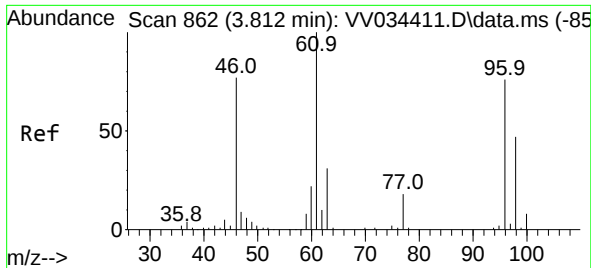
Tgt Ion: 73	Resp: 8090
Ion Ratio	Lower Upper
73	100
43	23.1 18.0 27.0
57	22.0 17.0 25.6



#19
1,1-Dichloroethane
Concen: 0.155 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.007 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

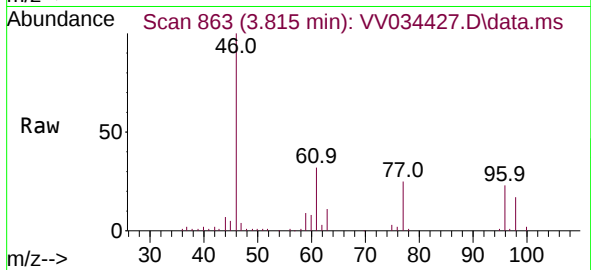
Tgt Ion: 63	Resp: 2522
Ion Ratio	Lower Upper
63	100
65	22.3 22.0 41.0
83	10.5 10.1 18.9



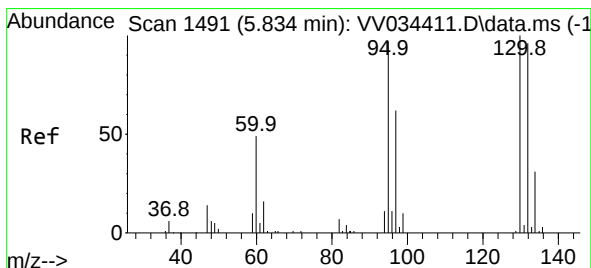
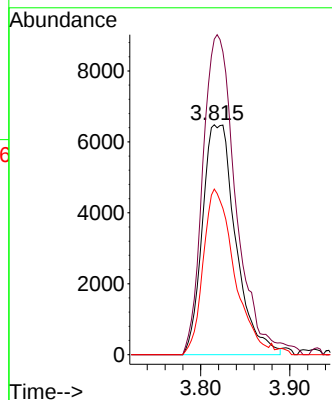
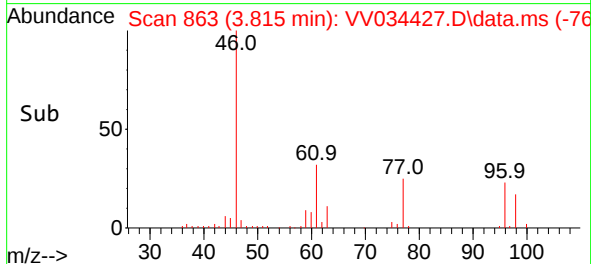


#22
cis-1,2-Dichloroethene
Concen: 1.812 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

Instrument :
MSVOA_V
ClientSampleId :

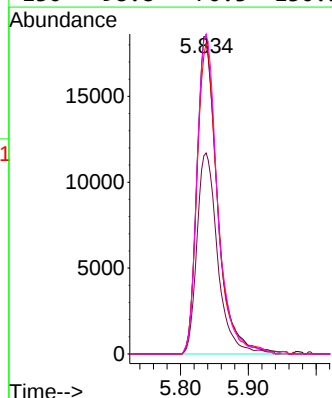
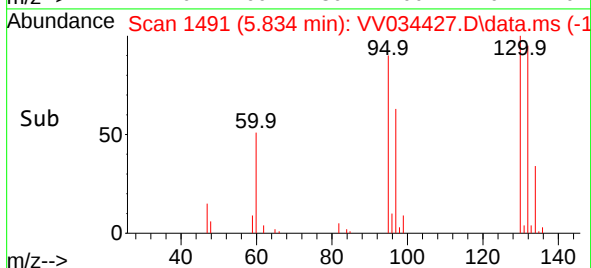
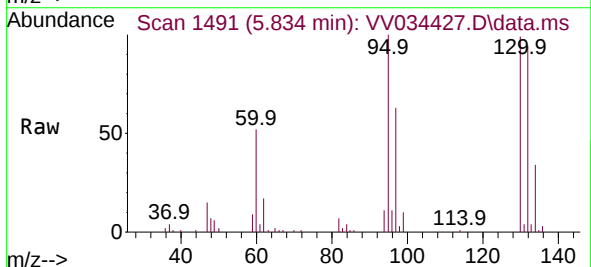


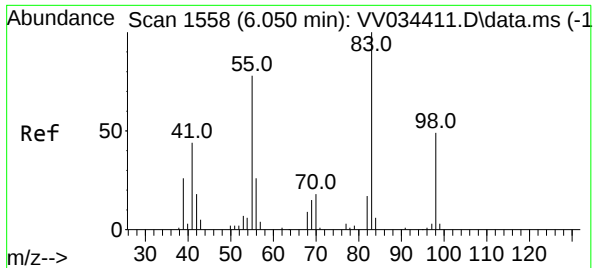
Tgt Ion: 96 Resp: 16809
Ion Ratio Lower Upper
96 100
61 137.2 89.7 166.5
98 72.0 42.0 78.0



#34
Trichloroethene
Concen: 4.227 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

Tgt Ion: 95 Resp: 38883
Ion Ratio Lower Upper
95 100
97 62.5 43.3 80.5
132 94.2 67.8 126.0
130 98.8 70.3 130.5

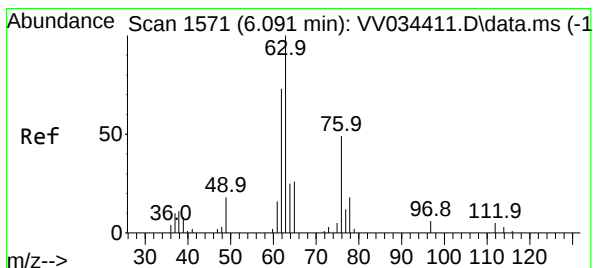
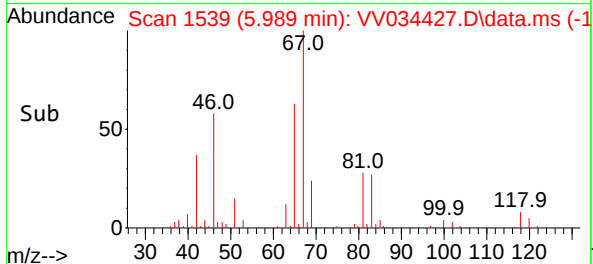
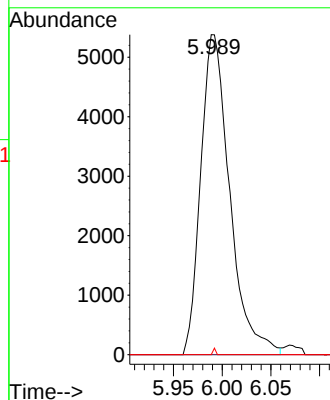
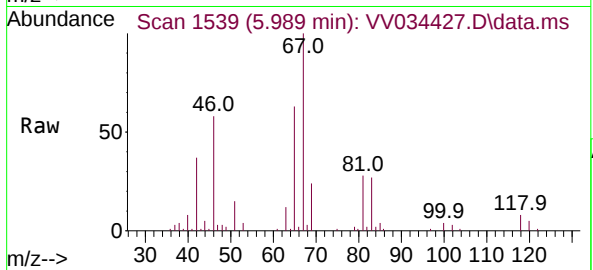




#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

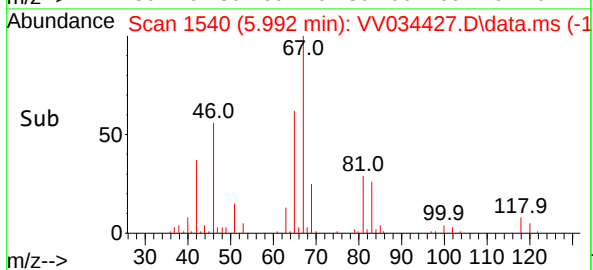
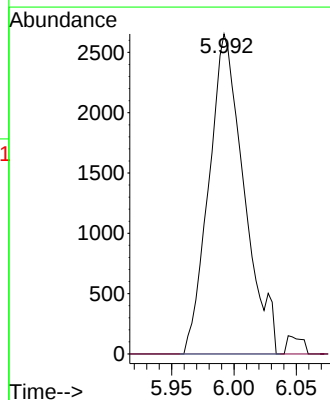
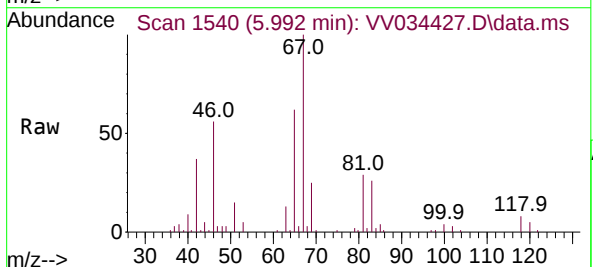
Instrument :
MSVOA_V
ClientSampleId :

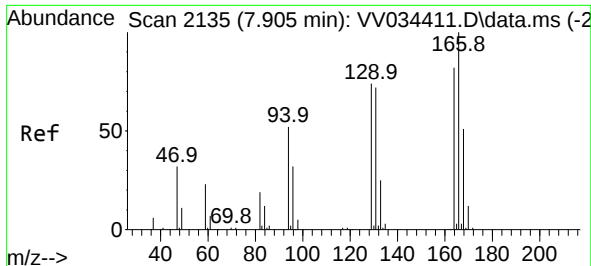
Tgt Ion: 83 Resp: 11146
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 21.3 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV034427.D
Acq: 26 Feb 2024 23:07

Tgt Ion: 63 Resp: 5192
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 0.480 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

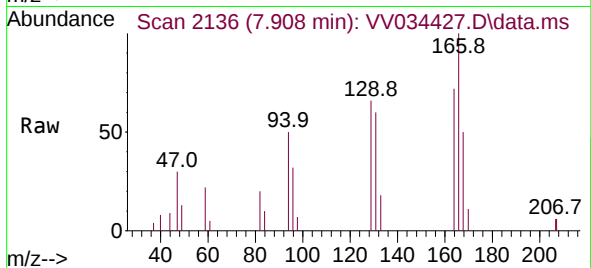
Lab File: VV034427.D

Acq: 26 Feb 2024 23:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3463

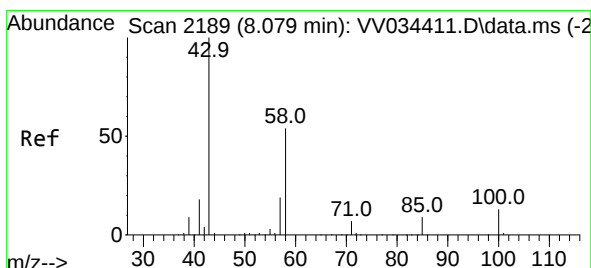
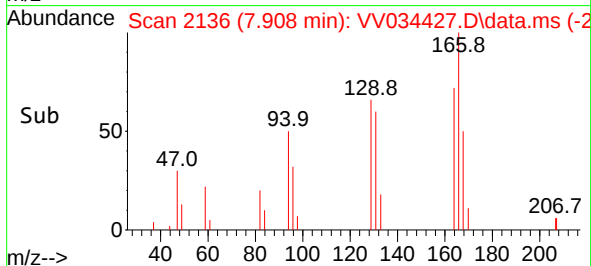
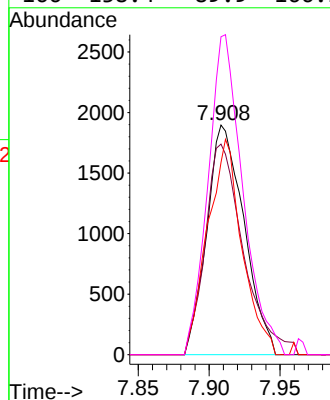
Ion Ratio Lower Upper

164 100

129 91.7 64.2 119.2

131 83.7 65.9 122.3

166 138.4 89.9 166.9



#48

2-Hexanone

Concen: 3.051 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.051 min

Lab File: VV034427.D

Acq: 26 Feb 2024 23:07

Tgt Ion: 43 Resp: 11708

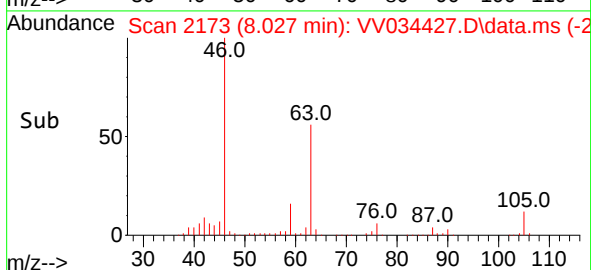
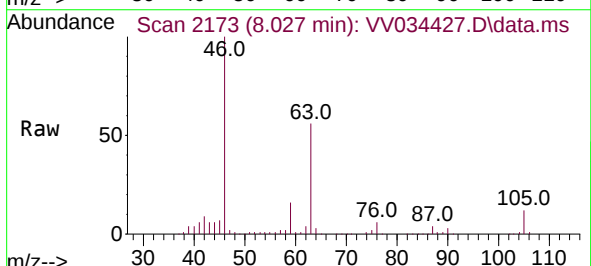
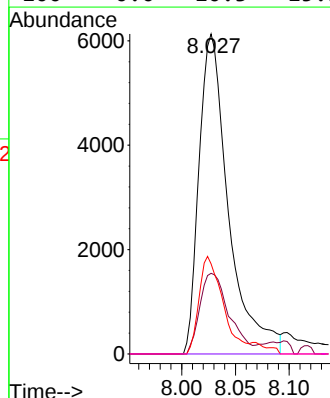
Ion Ratio Lower Upper

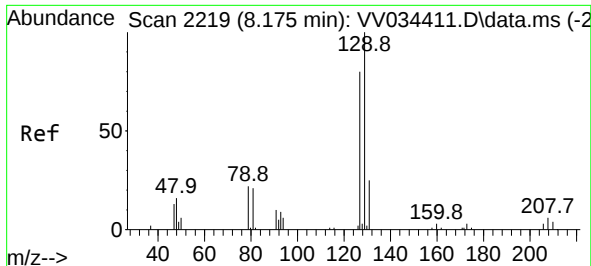
43 100

58 24.9 43.4 65.0#

57 24.9 15.5 23.3#

100 0.0 10.3 15.5#





#49

Dibromochloromethane

Concen: 0.473 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV034427.D

Acq: 26 Feb 2024 23:07

Instrument :

MSVOA_V

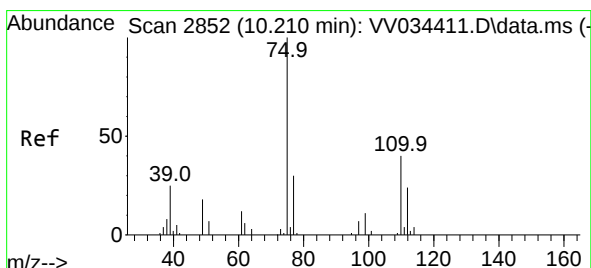
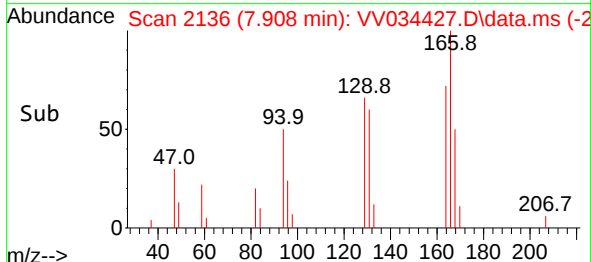
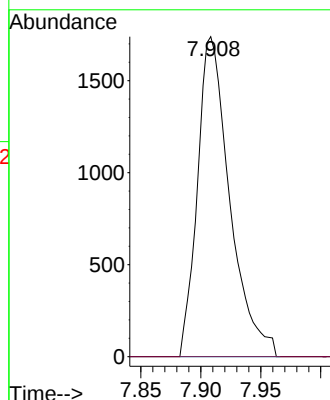
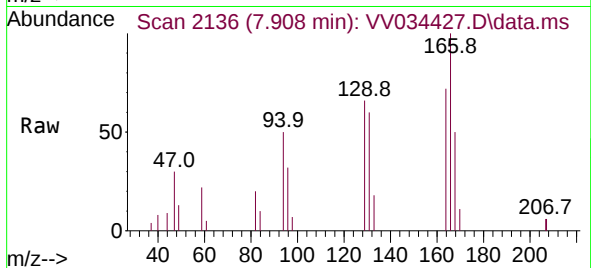
ClientSampleId :

Tgt Ion:129 Resp: 3265

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.978 min

Lab File: VV034427.D

Acq: 26 Feb 2024 23:07

Tgt Ion: 75 Resp: 7453

Ion Ratio Lower Upper

75 100

77 39.5 27.7 41.5

110 3.0 32.0 48.0#

