

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034734.D
 Acq On : 19 Mar 2024 14:47
 Operator : SY/MD
 Sample : P1751-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 20 01:23:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 20 01:19:21 2024
 Response via : Initial Calibration

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

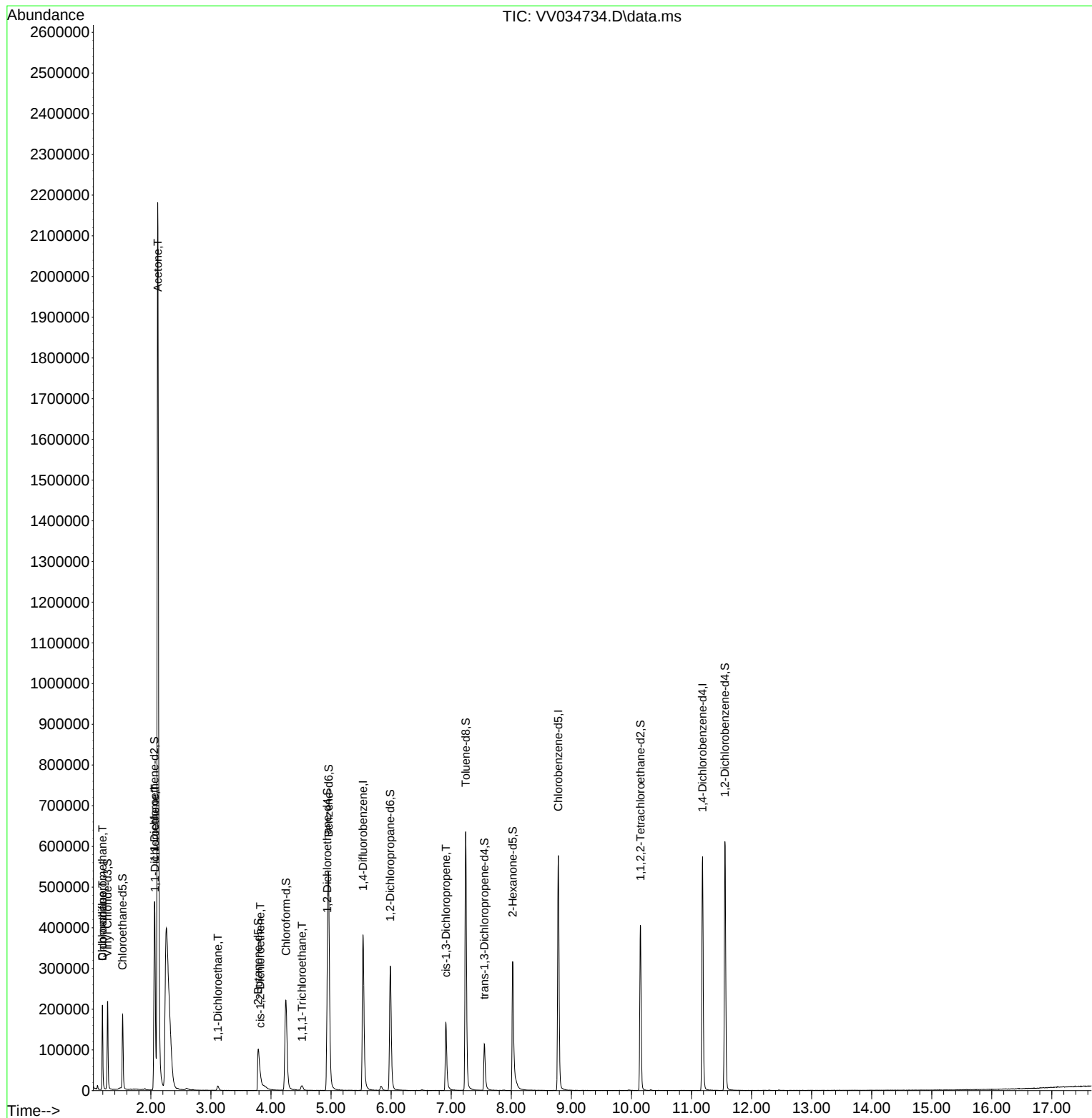
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	333593	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	312143	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	135076	46.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.420%
7) Chloroethane-d5	1.529	69	110934	49.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.480%
11) 1,1-Dichloroethene-d2	2.060	65	60475	46.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
21) 2-Butanone-d5	3.786	46	179335	92.731	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.730%
24) Chloroform-d	4.249	84	240294	46.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	4.937	65	162913	48.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
32) Benzene-d6	4.960	84	478639	50.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
36) 1,2-Dichloropropane-d6	5.986	67	145150	50.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.980%
41) Toluene-d8	7.243	98	419256	49.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	7.551	79	69545	48.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.340%
47) 2-Hexanone-d5	8.024	63	109026	75.943	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.940%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	187638	49.595	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.180%
66) 1,2-Dichlorobenzene-d4	11.558	152	156862	52.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.195	85	14560	4.161	ug/L	96
8) Chloroethane	1.195	64	9282	4.679	ug/L	96
12) 1,1-Dichloroethene	2.069	96	51576	20.647	ug/L #	49
13) Acetone	2.114	43	2440873	1049.886	ug/L	98
19) 1,1-Dichloroethane	3.117	63	11920	2.517	ug/L	92
20) cis-1,2-Dichloroethene	3.822	96	4189	1.597	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	9794	2.188	ug/L #	77
39) cis-1,3-Dichloropropene	6.912	75	5272	1.283	ug/L #	73

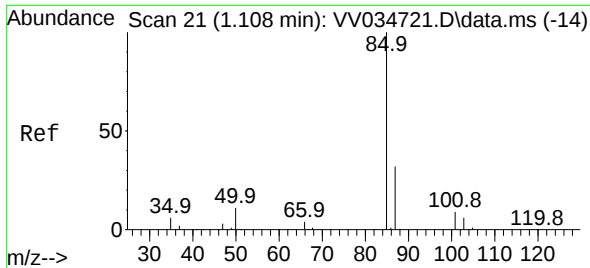
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 20 01:19:21 2024
Response via : Initial Calibration

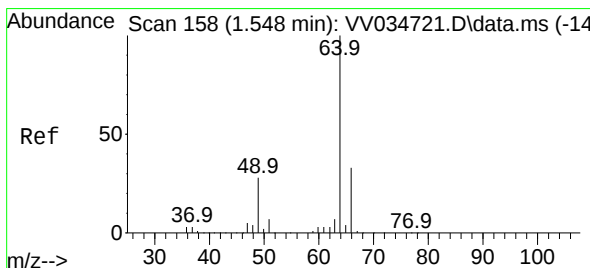
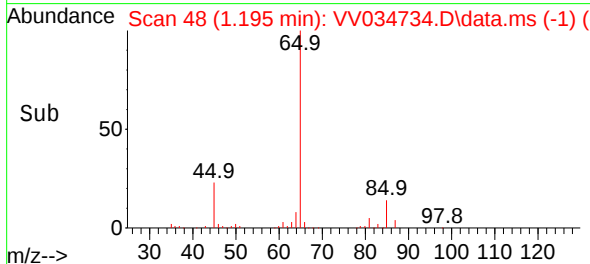
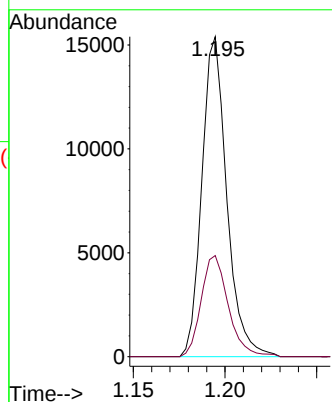
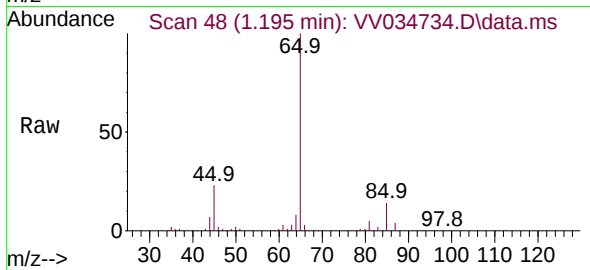




#2
Dichlorodifluoromethane
Concen: 4.161 ug/L
RT: 1.195 min Scan# 48
Delta R.T. 0.087 min
Lab File: VV034734.D
Acq: 19 Mar 2024 14:47

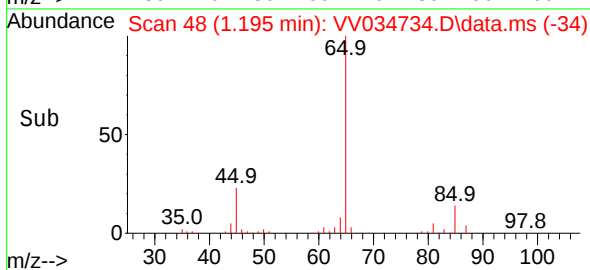
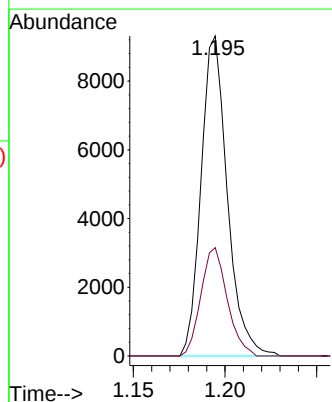
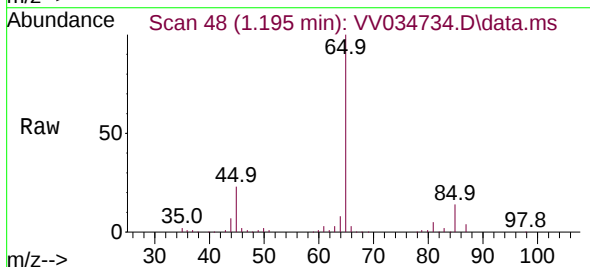
Instrument :
MSVOA_V
ClientSampleId :

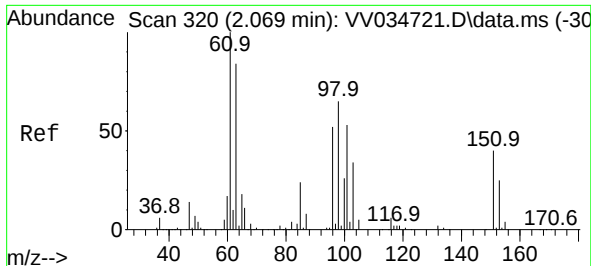
Tgt Ion: 85 Resp: 14560
Ion Ratio Lower Upper
85 100
87 34.3 25.5 38.3



#8
Chloroethane
Concen: 4.679 ug/L
RT: 1.195 min Scan# 48
Delta R.T. -0.354 min
Lab File: VV034734.D
Acq: 19 Mar 2024 14:47

Tgt Ion: 64 Resp: 9282
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8





#12

1,1-Dichloroethene

Concen: 20.647 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

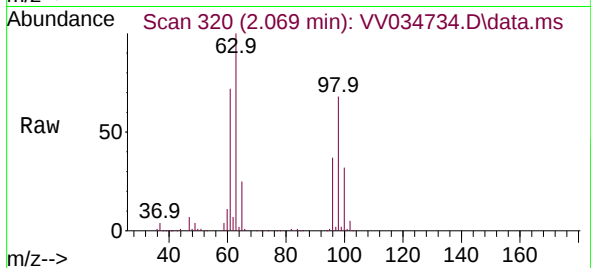
Lab File: VV034734.D

Acq: 19 Mar 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :



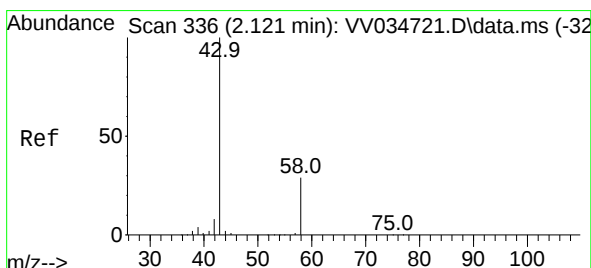
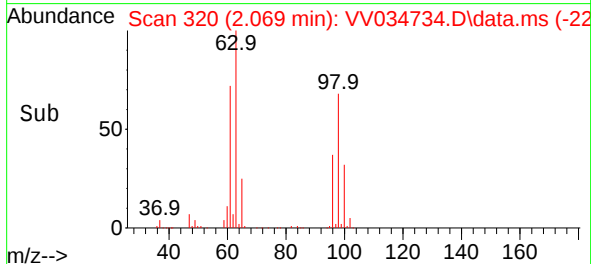
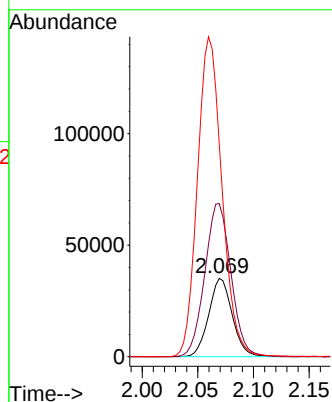
Tgt Ion: 96 Resp: 51576

Ion Ratio Lower Upper

96 100

61 195.5 128.9 239.3

63 272.4 98.0 182.0#



#13

Acetone

Concen: 1049.886 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.006 min

Lab File: VV034734.D

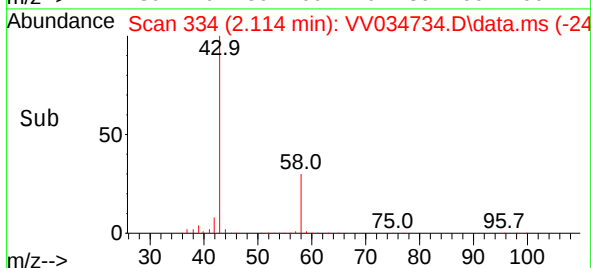
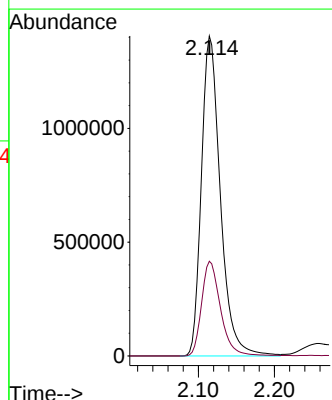
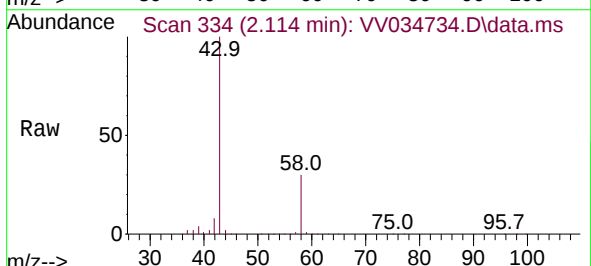
Acq: 19 Mar 2024 14:47

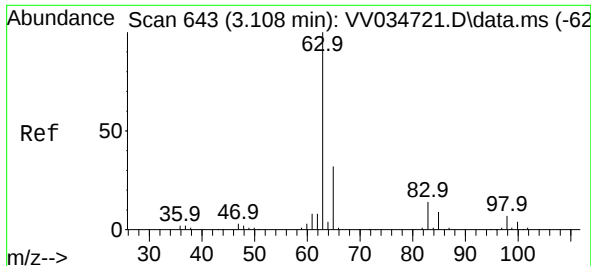
Tgt Ion: 43 Resp: 2440873

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.2





#19

1,1-Dichloroethane

Concen: 2.517 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034734.D

Acq: 19 Mar 2024 14:47

Instrument :

MSVOA_V

ClientSampleId :

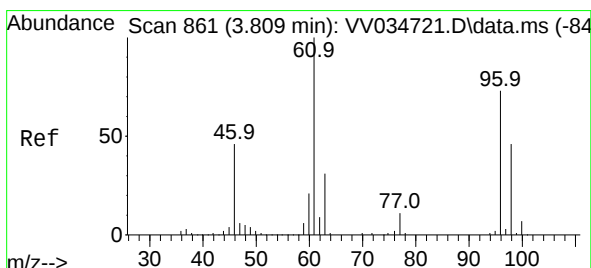
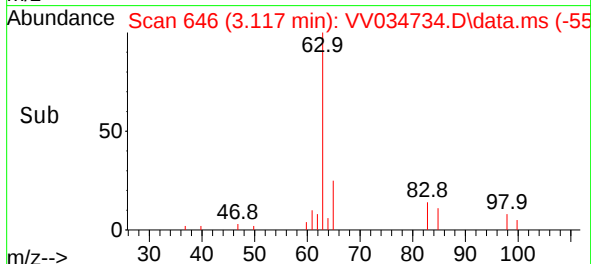
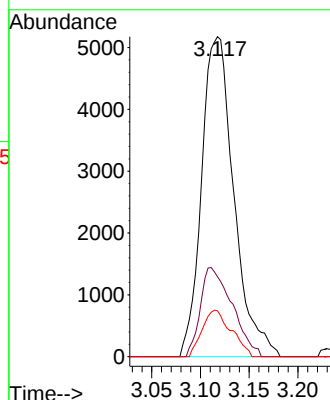
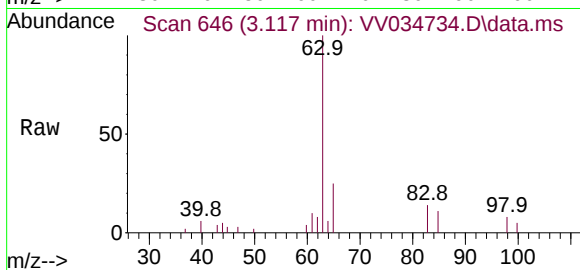
Tgt Ion: 63 Resp: 11920

Ion Ratio Lower Upper

63 100

65 25.0 22.1 41.1

83 14.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 1.597 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.013 min

Lab File: VV034734.D

Acq: 19 Mar 2024 14:47

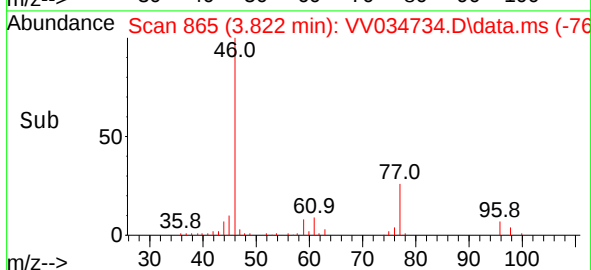
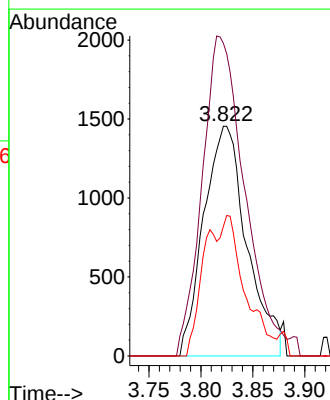
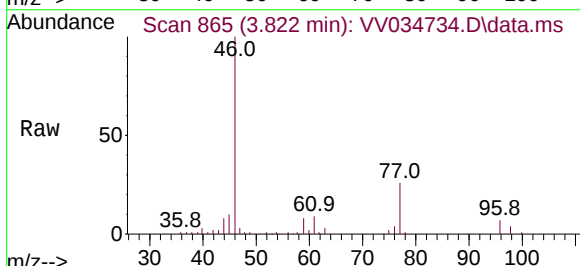
Tgt Ion: 96 Resp: 4189

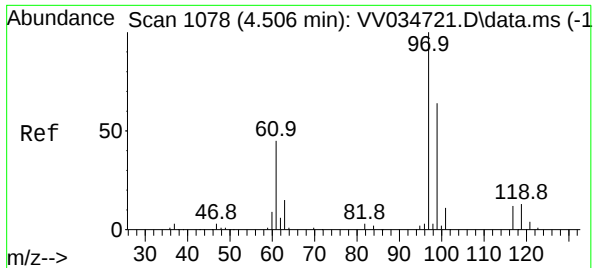
Ion Ratio Lower Upper

96 100

61 136.0 96.0 178.4

98 56.4 46.0 85.4

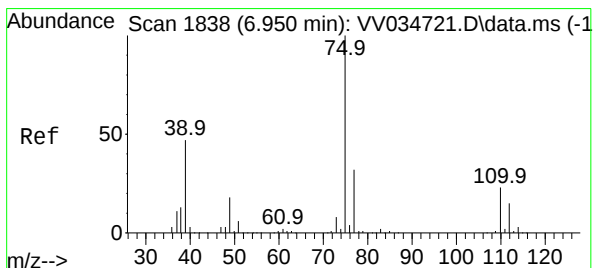
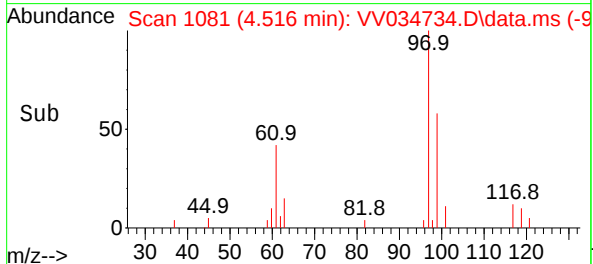
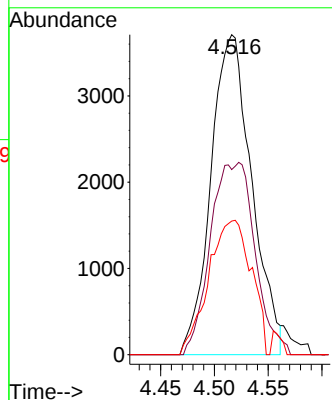
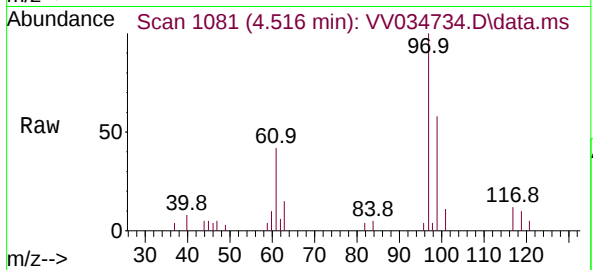




#30
1,1,1-Trichloroethane
Concen: 2.188 ug/L
RT: 4.516 min Scan# 1078
Delta R.T. 0.010 min
Lab File: VV034734.D
Acq: 19 Mar 2024 14:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 9794
Ion Ratio Lower Upper
97 100
99 33.7 51.3 76.9#
61 44.0 36.0 54.0



#39
cis-1,3-Dichloropropene
Concen: 1.283 ug/L
RT: 6.912 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV034734.D
Acq: 19 Mar 2024 14:47

Tgt Ion: 75 Resp: 5272
Ion Ratio Lower Upper
75 100
77 44.8 20.9 38.9#

