

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
 Data File : VV034762.D
 Acq On : 20 Mar 2024 14:33
 Operator : SY/MD
 Sample : P1755-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 02:20:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

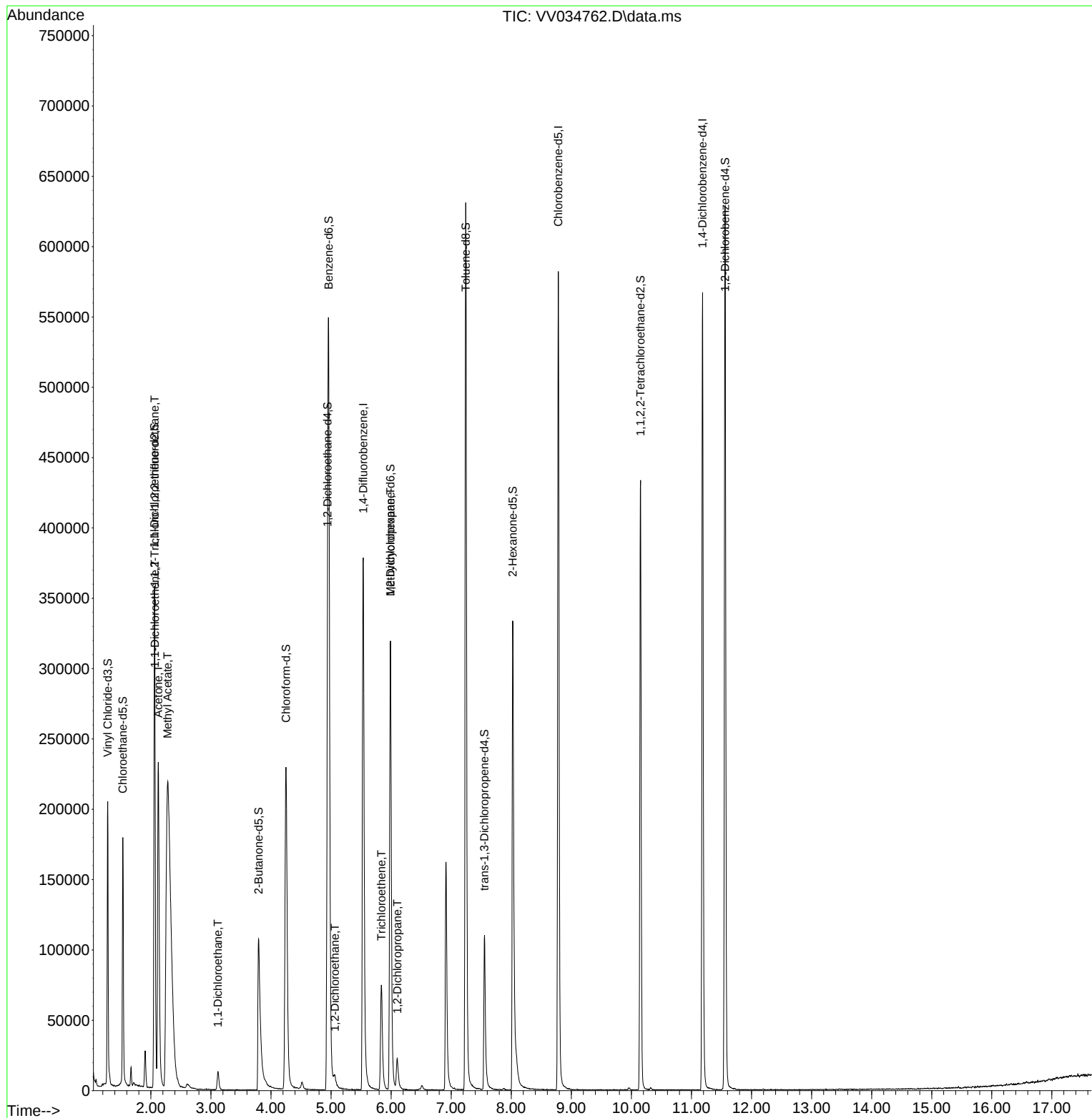
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	333063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	316953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146426	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	124023	42.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.900%		
7) Chloroethane-d5	1.532	69	108298	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.280%		
11) 1,1-Dichloroethene-d2	2.060	65	58336	44.675	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.360%		
21) 2-Butanone-d5	3.793	46	194464	100.714	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.710%		
24) Chloroform-d	4.249	84	250868	49.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
26) 1,2-Dichloroethane-d4	4.941	65	171073	51.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.560%		
32) Benzene-d6	4.960	84	486719	50.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.760%		
36) 1,2-Dichloropropane-d6	5.989	67	149242	51.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.240%		
41) Toluene-d8	7.243	98	424090	48.991	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.980%		
43) trans-1,3-Dichloroprop...	7.555	79	67700	46.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.360%		
47) 2-Hexanone-d5	8.024	63	117440	80.562	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.560%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	201782	52.524	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.040%		
66) 1,2-Dichlorobenzene-d4	11.561	152	161521	53.966	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.940%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	3029	1.126	ug/L #	54
12) 1,1-Dichloroethene	2.069	96	10231	4.102	ug/L #	1
13) Acetone	2.124	43	292096	125.838	ug/L	99
15) Methyl Acetate	2.278	43	60029	20.215	ug/L #	53
19) 1,1-Dichloroethane	3.117	63	13334	2.820	ug/L	95
27) 1,2-Dichloroethane	5.066	62	8035	2.018	ug/L #	94
34) Trichloroethene	5.838	95	26817	9.589	ug/L	99
35) Methylcyclohexane	5.989	83	37372	8.790	ug/L #	18
37) 1,2-Dichloropropane	6.101	63	10063	3.907	ug/L #	96

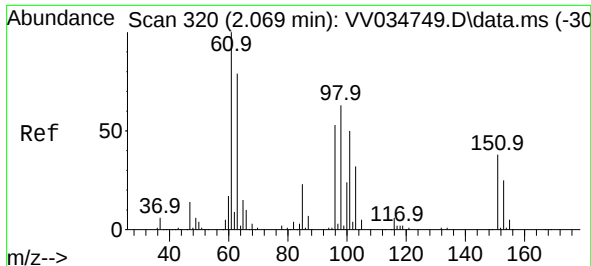
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 21 02:16:15 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.126 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034762.D

Acq: 20 Mar 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :

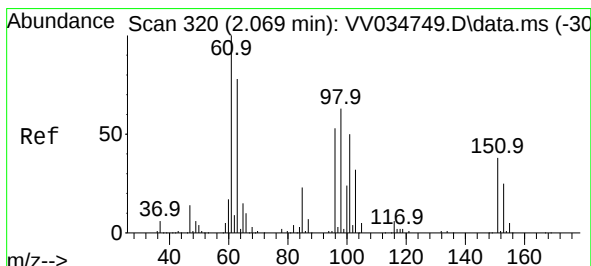
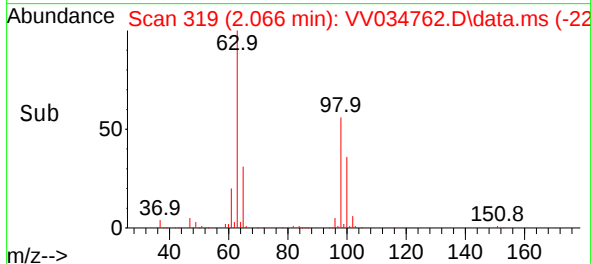
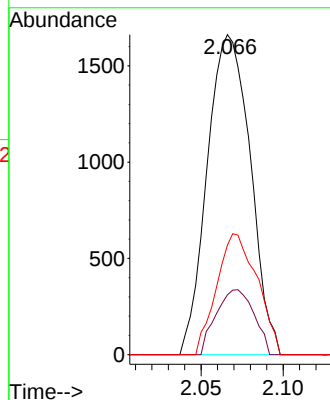
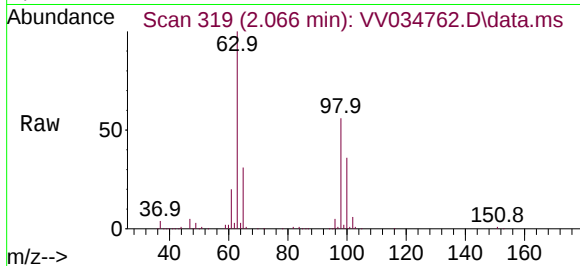
Tgt Ion:101 Resp: 3029

Ion Ratio Lower Upper

101 100

85 17.9 37.4 56.0#

151 35.6 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 4.102 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034762.D

Acq: 20 Mar 2024 14:33

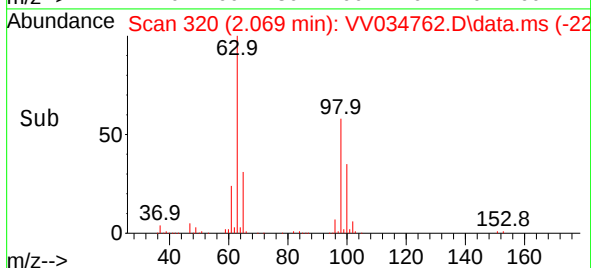
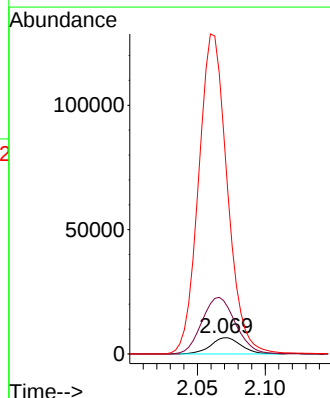
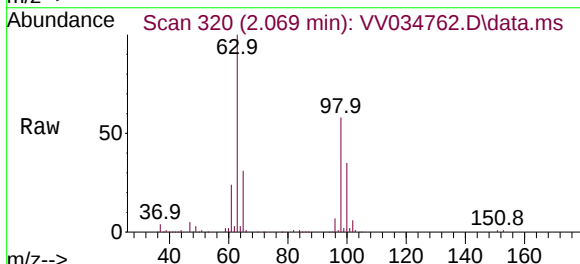
Tgt Ion: 96 Resp: 10231

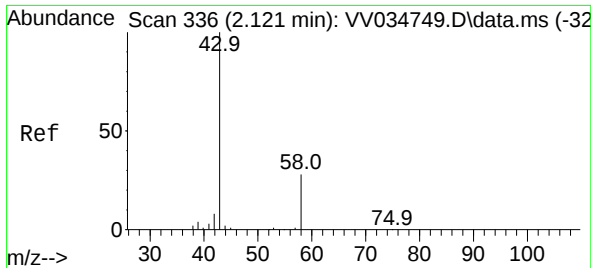
Ion Ratio Lower Upper

96 100

61 329.0 128.9 239.3#

63 1373.5 98.0 182.0#





#13

Acetone

Concen: 125.838 ug/L

RT: 2.124 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV034762.D

Acq: 20 Mar 2024 14:33

Instrument :

MSVOA_V

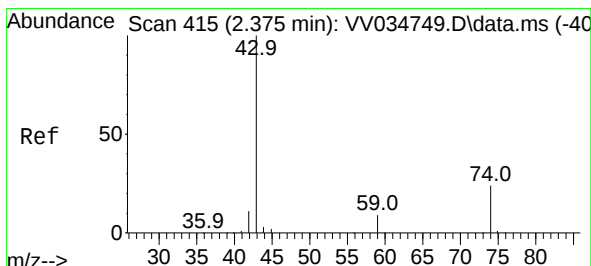
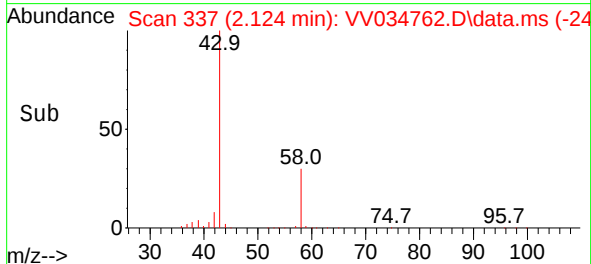
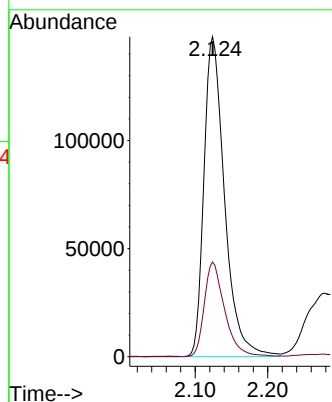
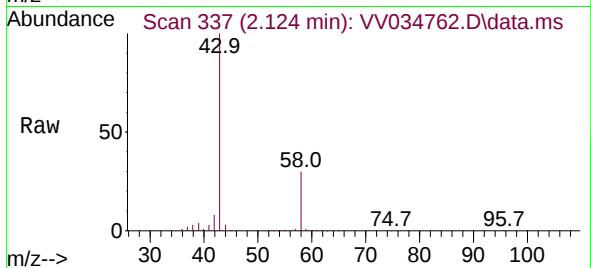
ClientSampleId :

Tgt Ion: 43 Resp: 292096

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.2



#15

Methyl Acetate

Concen: 20.215 ug/L

RT: 2.278 min Scan# 385

Delta R.T. -0.096 min

Lab File: VV034762.D

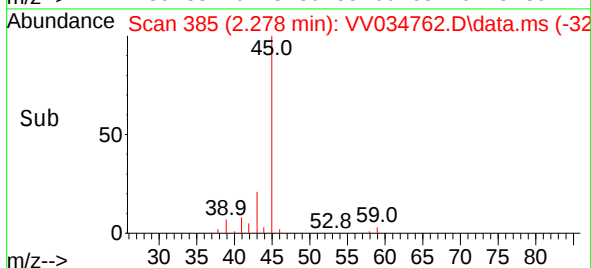
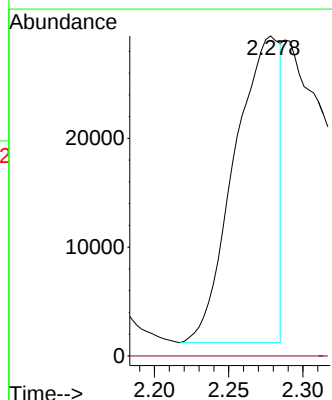
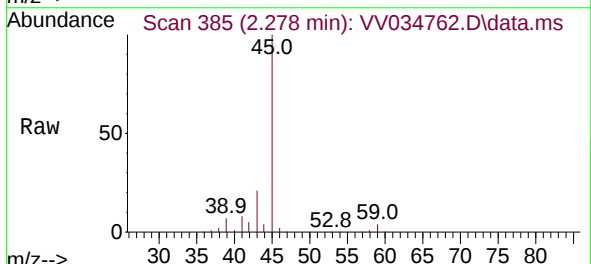
Acq: 20 Mar 2024 14:33

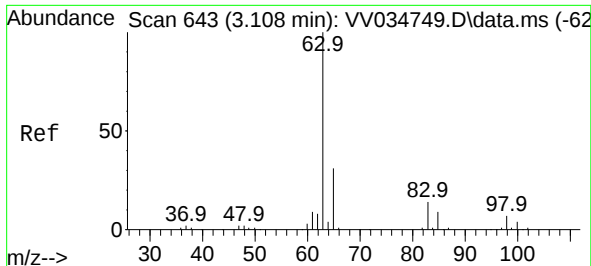
Tgt Ion: 43 Resp: 60029

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#19

1,1-Dichloroethane

Concen: 2.820 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034762.D

Acq: 20 Mar 2024 14:33

Instrument :

MSVOA_V

ClientSampleId :

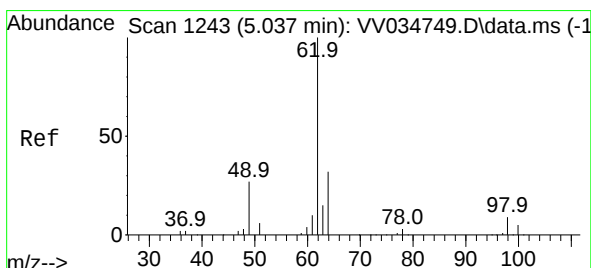
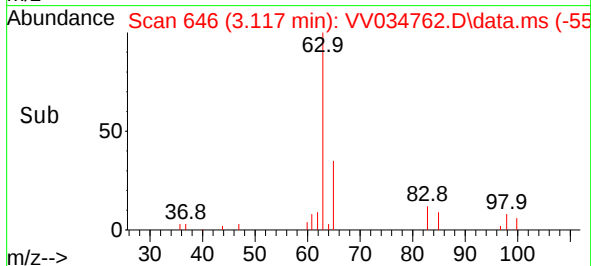
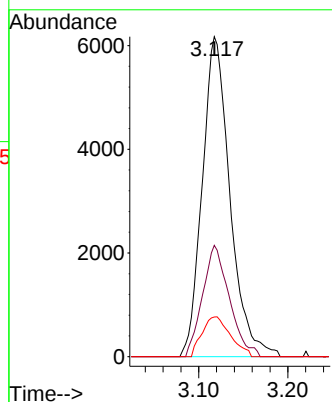
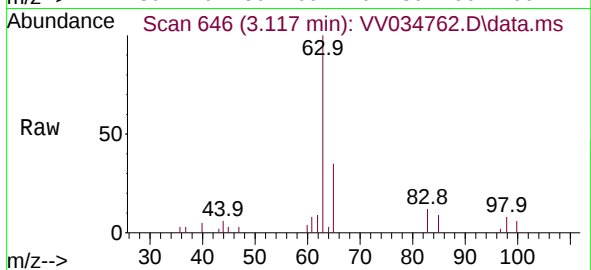
Tgt Ion: 63 Resp: 13334

Ion Ratio Lower Upper

63 100

65 34.8 22.1 41.1

83 12.4 9.9 18.3



#27

1,2-Dichloroethane

Concen: 2.018 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.029 min

Lab File: VV034762.D

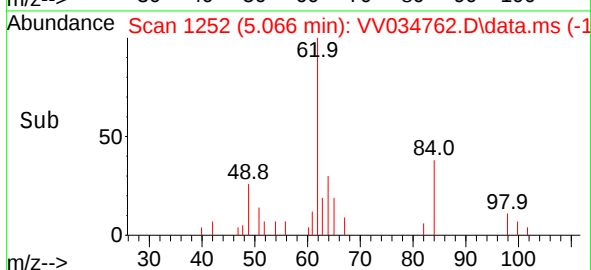
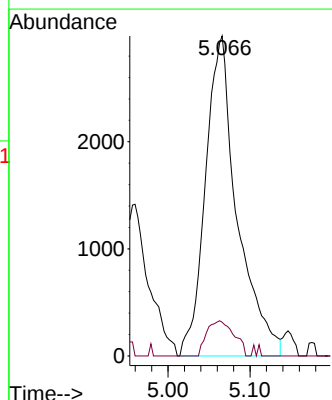
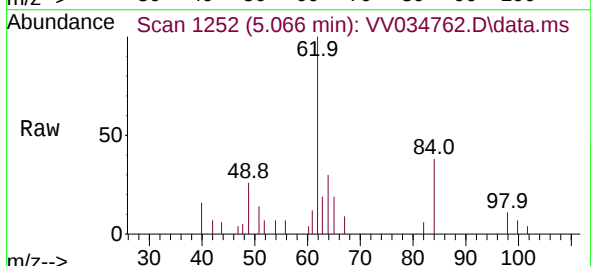
Acq: 20 Mar 2024 14:33

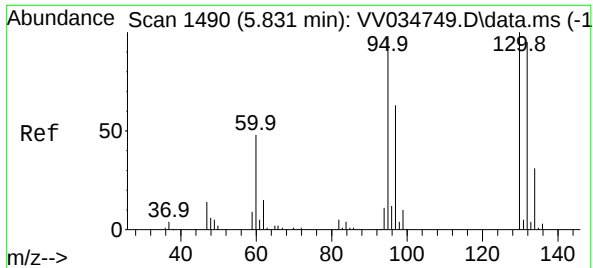
Tgt Ion: 62 Resp: 8035

Ion Ratio Lower Upper

62 100

98 10.5 6.6 10.0#

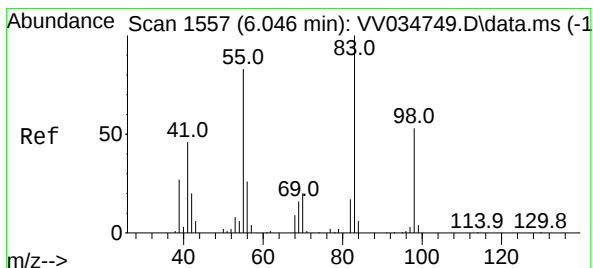
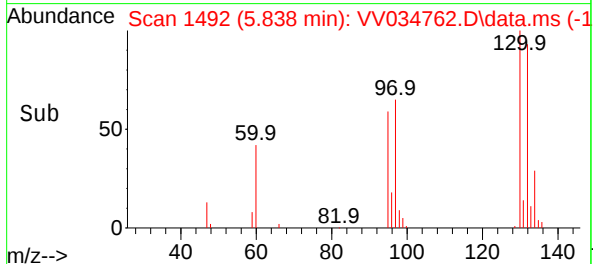
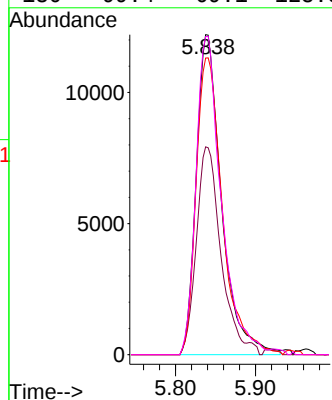
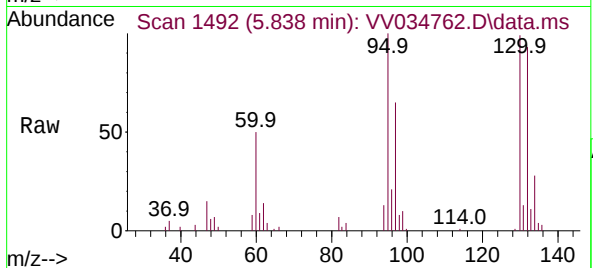




#34
Trichloroethene
Concen: 9.589 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.007 min
Lab File: VV034762.D
Acq: 20 Mar 2024 14:33

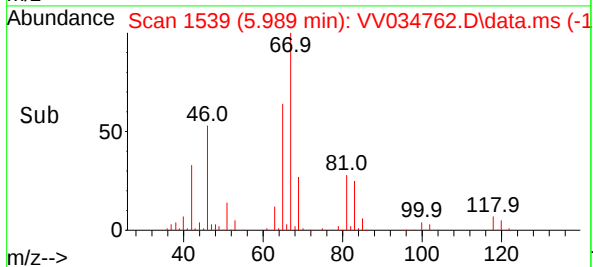
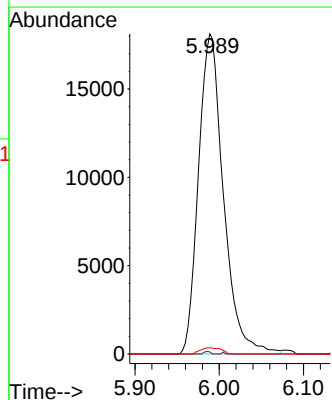
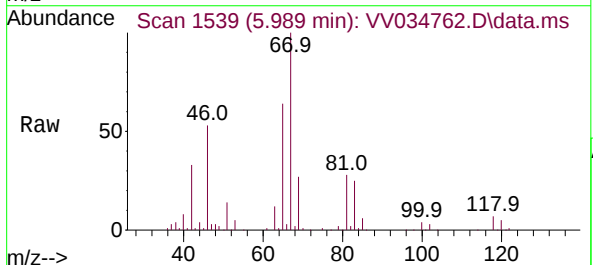
Instrument :
MSVOA_V
ClientSampleId :

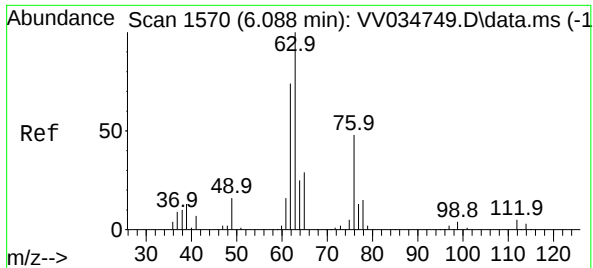
Tgt Ion: 95 Resp: 26817
Ion Ratio Lower Upper
95 100
97 65.0 44.7 83.1
132 92.7 65.3 121.3
130 99.4 69.1 128.3



#35
Methylcyclohexane
Concen: 8.790 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034762.D
Acq: 20 Mar 2024 14:33

Tgt Ion: 83 Resp: 37372
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.6 39.5 59.3#





#37
1,2-Dichloropropane
Concen: 3.907 ug/L
RT: 6.101 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV034762.D
Acq: 20 Mar 2024 14:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 10063
Ion Ratio Lower Upper
63 100
112 3.0 3.5 5.3#

