

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031524\
 Data File : VW034641.D
 Acq On : 15 Mar 2024 10:20
 Operator : SY/MD
 Sample : P1752-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL16

Quant Time: Mar 15 23:31:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

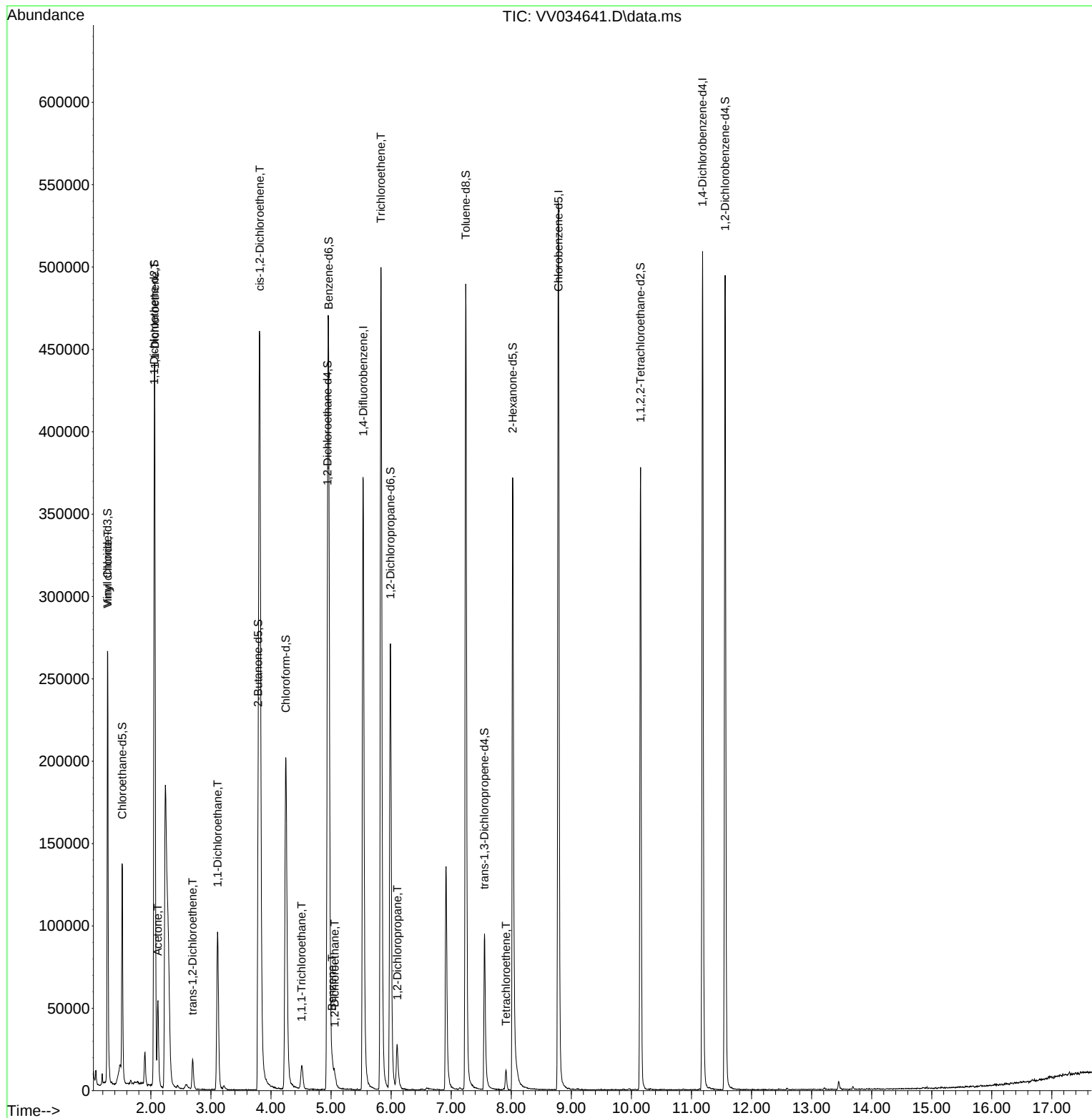
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	313467	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	292556	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	126113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88494	32.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.140%
7) Chloroethane-d5	1.523	69	83560	39.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.940%
11) 1,1-Dichloroethene-d2	2.056	65	41430	33.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.420%
21) 2-Butanone-d5	3.786	46	190485	104.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	4.246	84	209401	43.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	4.940	65	148894	47.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
32) Benzene-d6	4.960	84	401239	45.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	5.989	67	130132	48.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.580%
41) Toluene-d8	7.243	98	332029	41.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.100%
43) trans-1,3-Dichloroprop...	7.554	79	56130	41.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
47) 2-Hexanone-d5	8.024	63	127587	94.822	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	175537	49.503	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	123608	47.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	92544	29.508	ug/L	98
12) 1,1-Dichloroethene	2.066	96	78160	33.299	ug/L	94
13) Acetone	2.117	43	53275	24.386	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	6777	2.983	ug/L	97
19) 1,1-Dichloroethane	3.111	63	98339	22.096	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	228592	92.736	ug/L	98
27) 1,2-Dichloroethane	5.059	62	8467	2.259	ug/L #	93
30) 1,1,1-Trichloroethane	4.510	97	11679	2.784	ug/L	97
33) Benzene	5.018	78	10954	1.206	ug/L	100
34) Trichloroethene	5.831	95	171814	66.561	ug/L	99
37) 1,2-Dichloropropane	6.101	63	12117	5.097	ug/L #	93
46) Tetrachloroethene	7.911	164	2684	1.398	ug/L	94

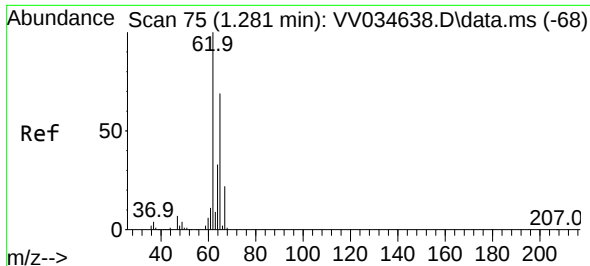
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 23:31:57 2024
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Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:30:32 2024
Response via : Initial Calibration

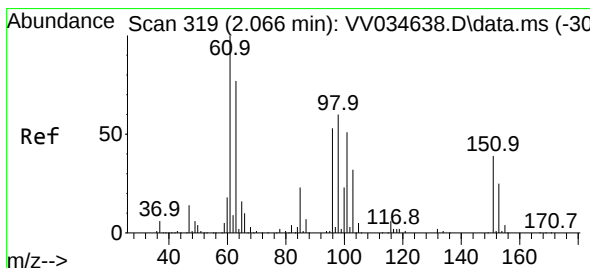
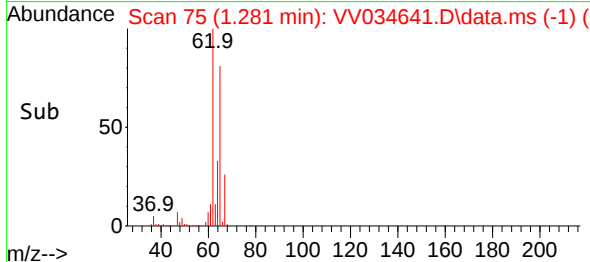
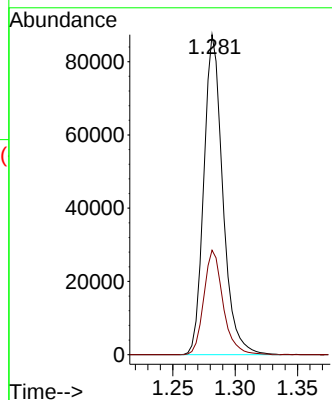
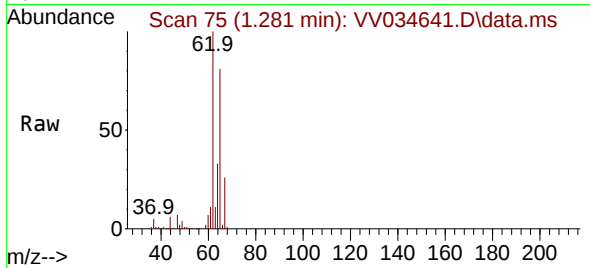




#5
 Vinyl chloride
 Concen: 29.508 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV034641.D
 Acq: 15 Mar 2024 10:20

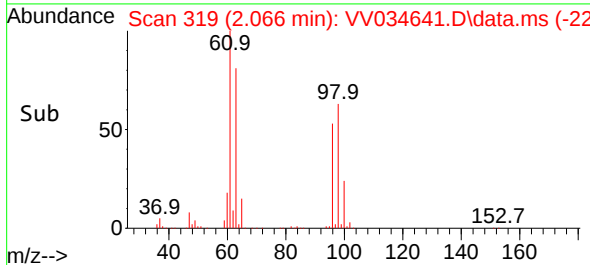
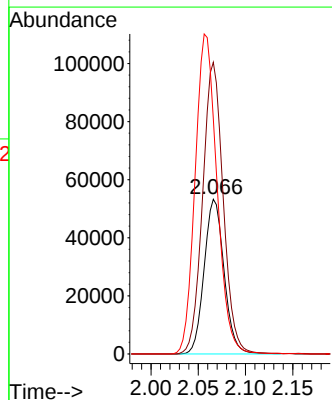
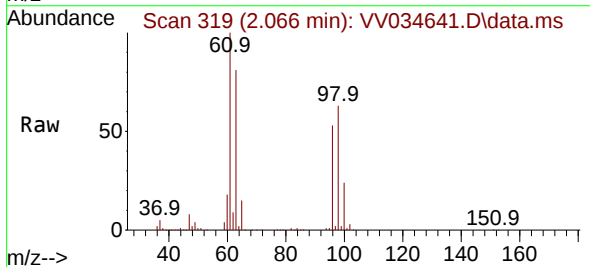
Instrument :
 MSVOA_V
 ClientSampleId :
 YCL16

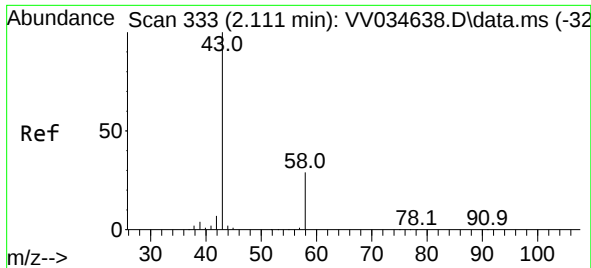
Tgt Ion: 62 Resp: 92544
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#12
 1,1-Dichloroethene
 Concen: 33.299 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034641.D
 Acq: 15 Mar 2024 10:20

Tgt Ion: 96 Resp: 78160
 Ion Ratio Lower Upper
 96 100
 61 188.5 128.9 239.3
 63 152.0 98.0 182.0





#13

Acetone

Concen: 24.386 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

Instrument :

MSVOA_V

ClientSampleId :

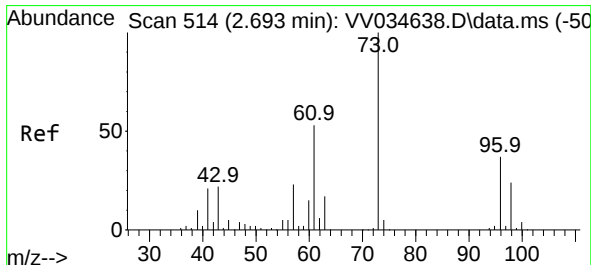
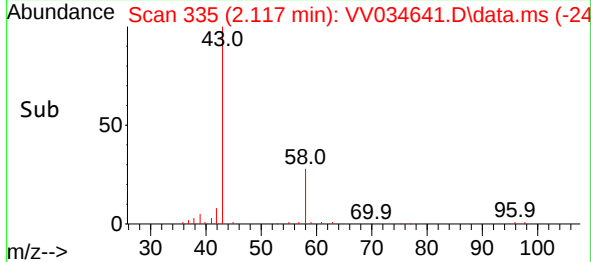
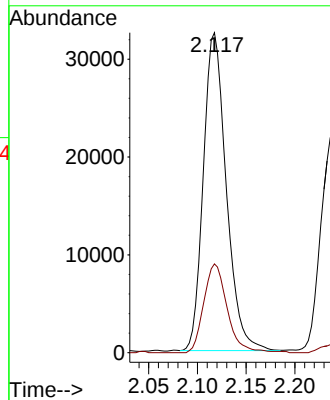
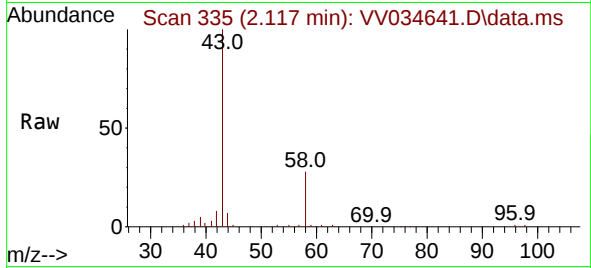
YCL16

Tgt Ion: 43 Resp: 53275

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.2



#17

trans-1,2-Dichloroethene

Concen: 2.983 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

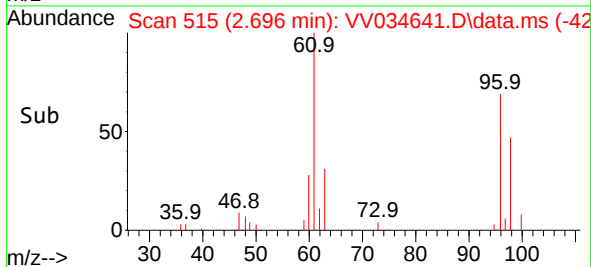
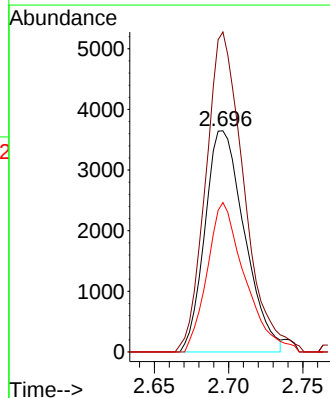
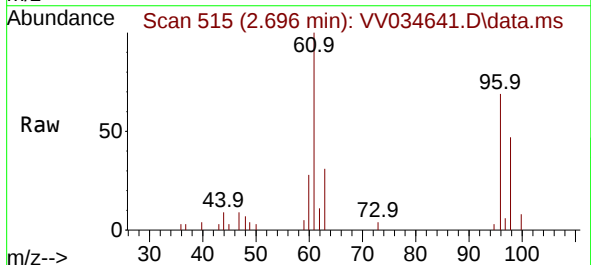
Tgt Ion: 96 Resp: 6777

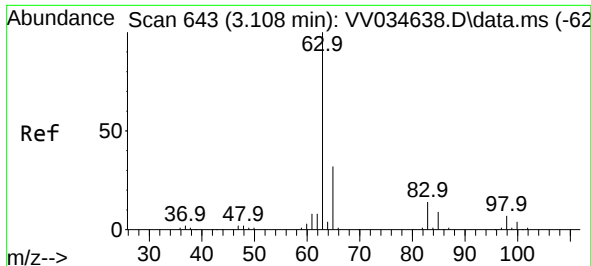
Ion Ratio Lower Upper

96 100

61 144.7 98.8 183.4

98 67.6 46.1 85.5





#19

1,1-Dichloroethane

Concen: 22.096 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

Instrument :

MSVOA_V

ClientSampleId :

YCL16

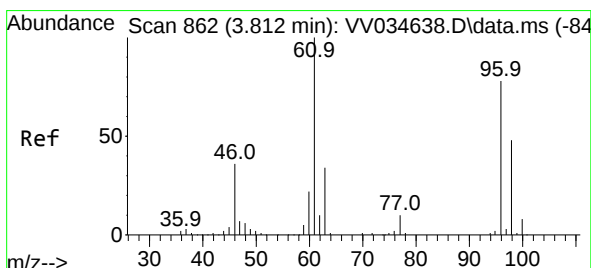
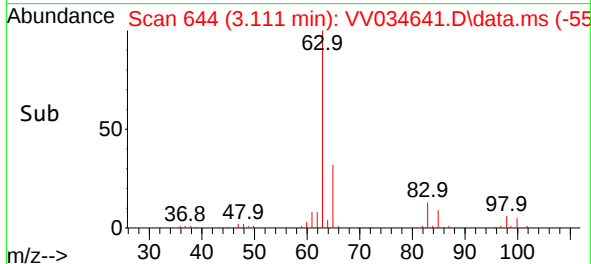
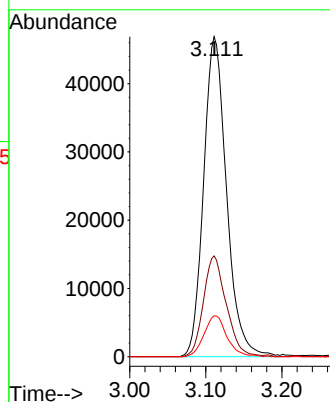
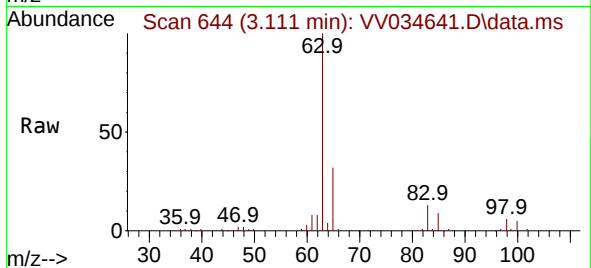
Tgt Ion: 63 Resp: 98339

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 12.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 92.736 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

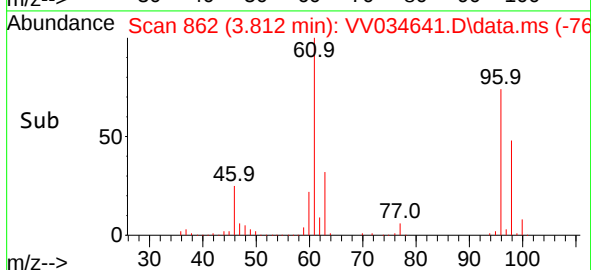
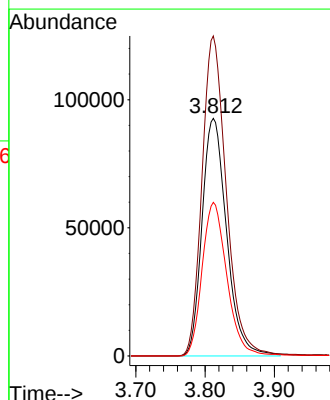
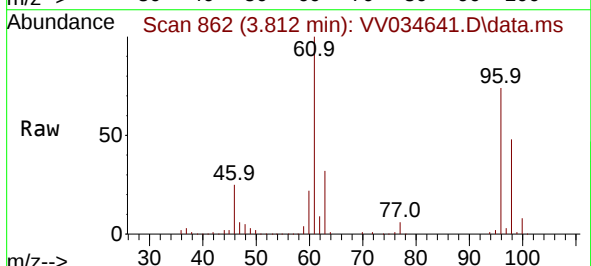
Tgt Ion: 96 Resp: 228592

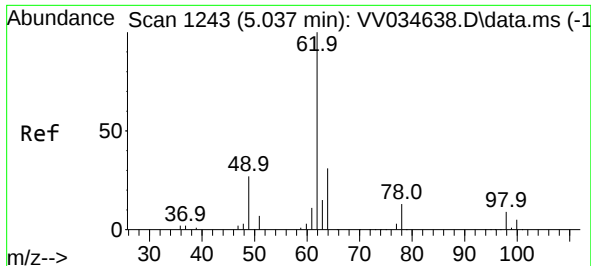
Ion Ratio Lower Upper

96 100

61 134.7 96.0 178.4

98 64.6 46.0 85.4





#27

1,2-Dichloroethane

Concen: 2.259 ug/L

RT: 5.059 min Scan# 11

Delta R.T. 0.023 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

Instrument :

MSVOA_V

ClientSampleId :

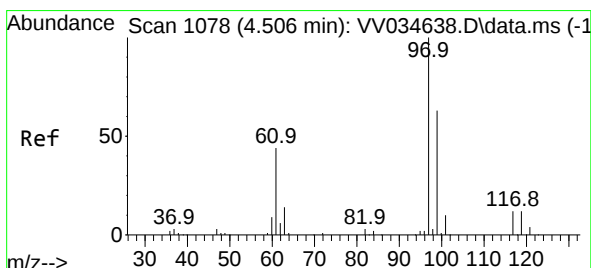
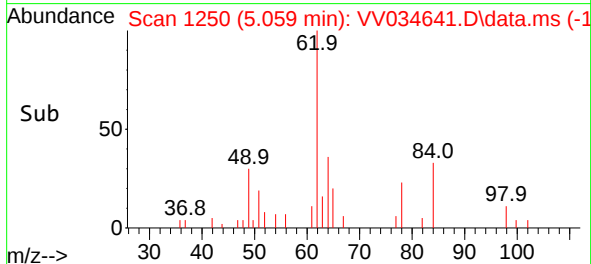
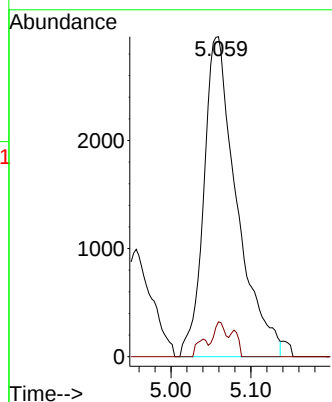
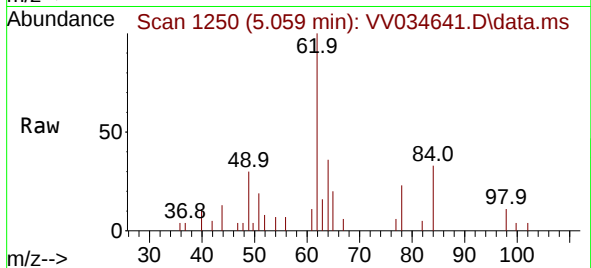
YCL16

Tgt Ion: 62 Resp: 8467

Ion Ratio Lower Upper

62 100

98 10.9 6.6 10.0#



#30

1,1,1-Trichloroethane

Concen: 2.784 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

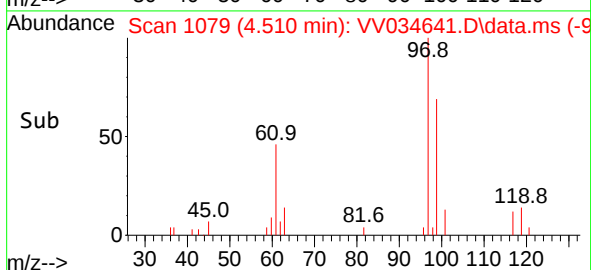
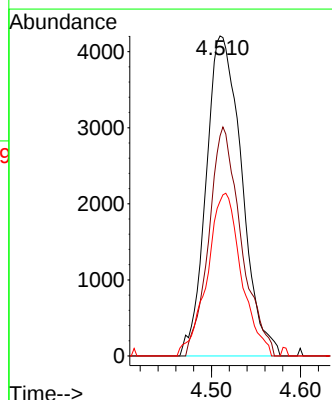
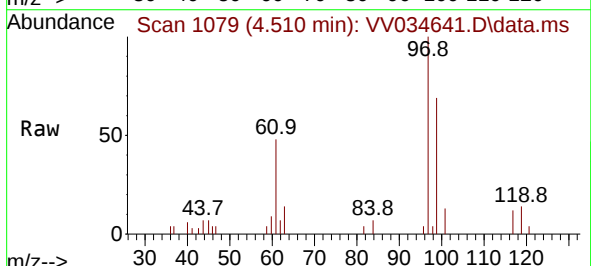
Tgt Ion: 97 Resp: 11679

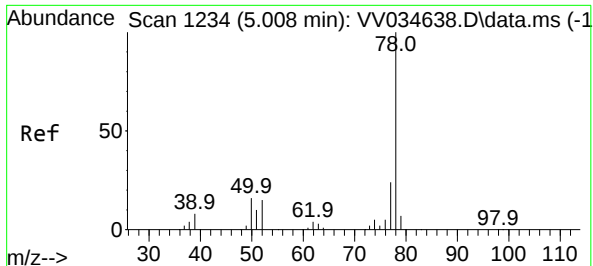
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 48.7 36.0 54.0





#33

Benzene

Concen: 1.206 ug/L

RT: 5.018 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

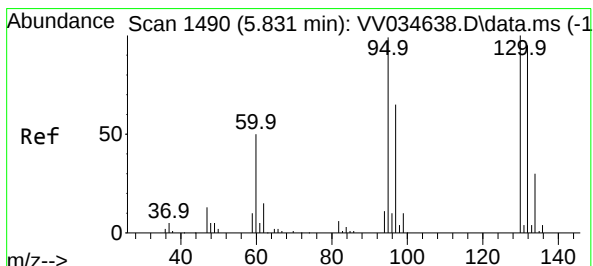
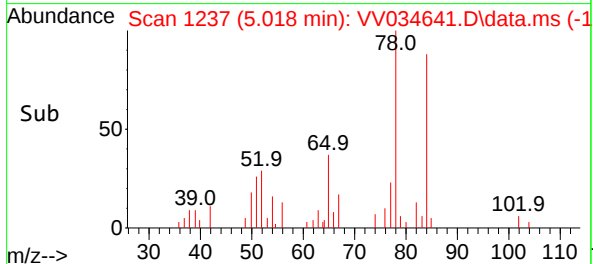
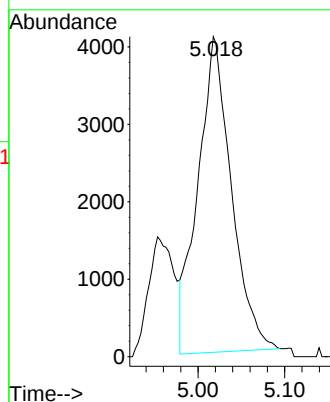
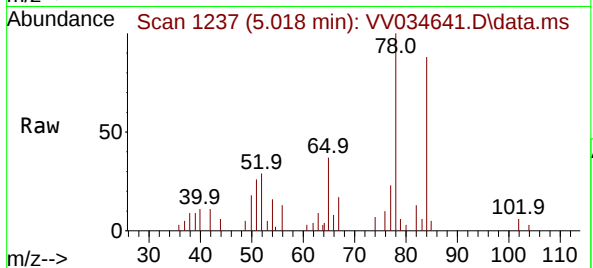
Instrument :

MSVOA_V

ClientSampleId :

YCL16

Tgt Ion: 78 Resp: 10954



#34

Trichloroethene

Concen: 66.561 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034641.D

Acq: 15 Mar 2024 10:20

Tgt Ion: 95 Resp: 171814

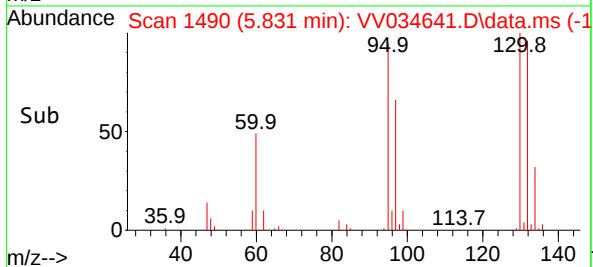
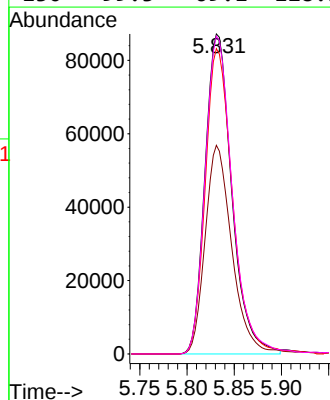
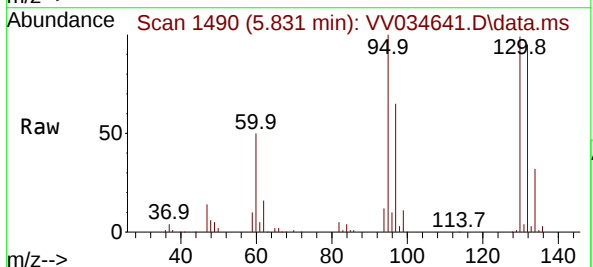
Ion Ratio Lower Upper

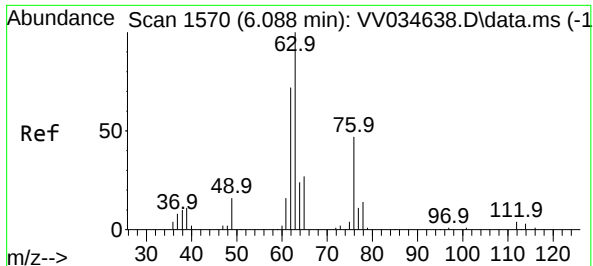
95 100

97 65.2 44.7 83.1

132 95.4 65.3 121.3

130 99.3 69.1 128.3

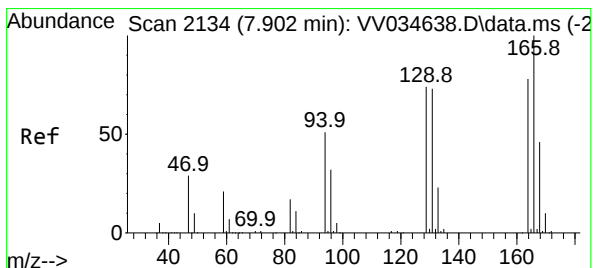
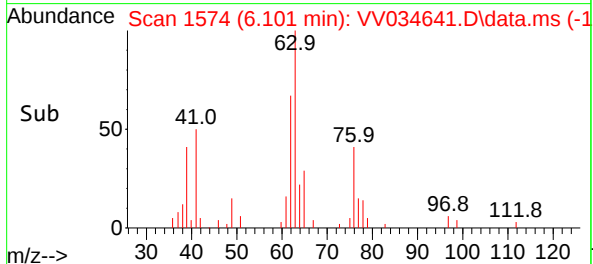
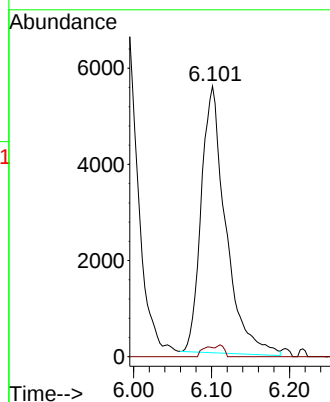
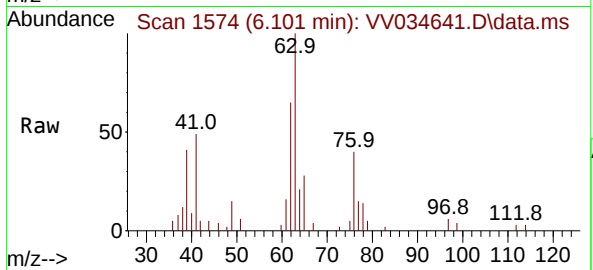




#37
1,2-Dichloropropane
Concen: 5.097 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV034641.D
Acq: 15 Mar 2024 10:20

Instrument :
MSVOA_V
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Tgt Ion: 63 Resp: 12117
Ion Ratio Lower Upper
63 100
112 2.0 3.5 5.3#



#46
Tetrachloroethene
Concen: 1.398 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.010 min
Lab File: VV034641.D
Acq: 15 Mar 2024 10:20

Tgt Ion:164 Resp: 2684
Ion Ratio Lower Upper
164 100
129 83.8 65.7 121.9
131 92.9 62.2 115.6
166 124.4 89.7 166.7

