

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029513.D
 Acq On : 09 Dec 2022 12:02
 Operator : SY/MD
 Sample : N5919-02DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EF0DL

Quant Time: Dec 09 23:50:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 09 23:48:53 2022
 Response via : Initial Calibration

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

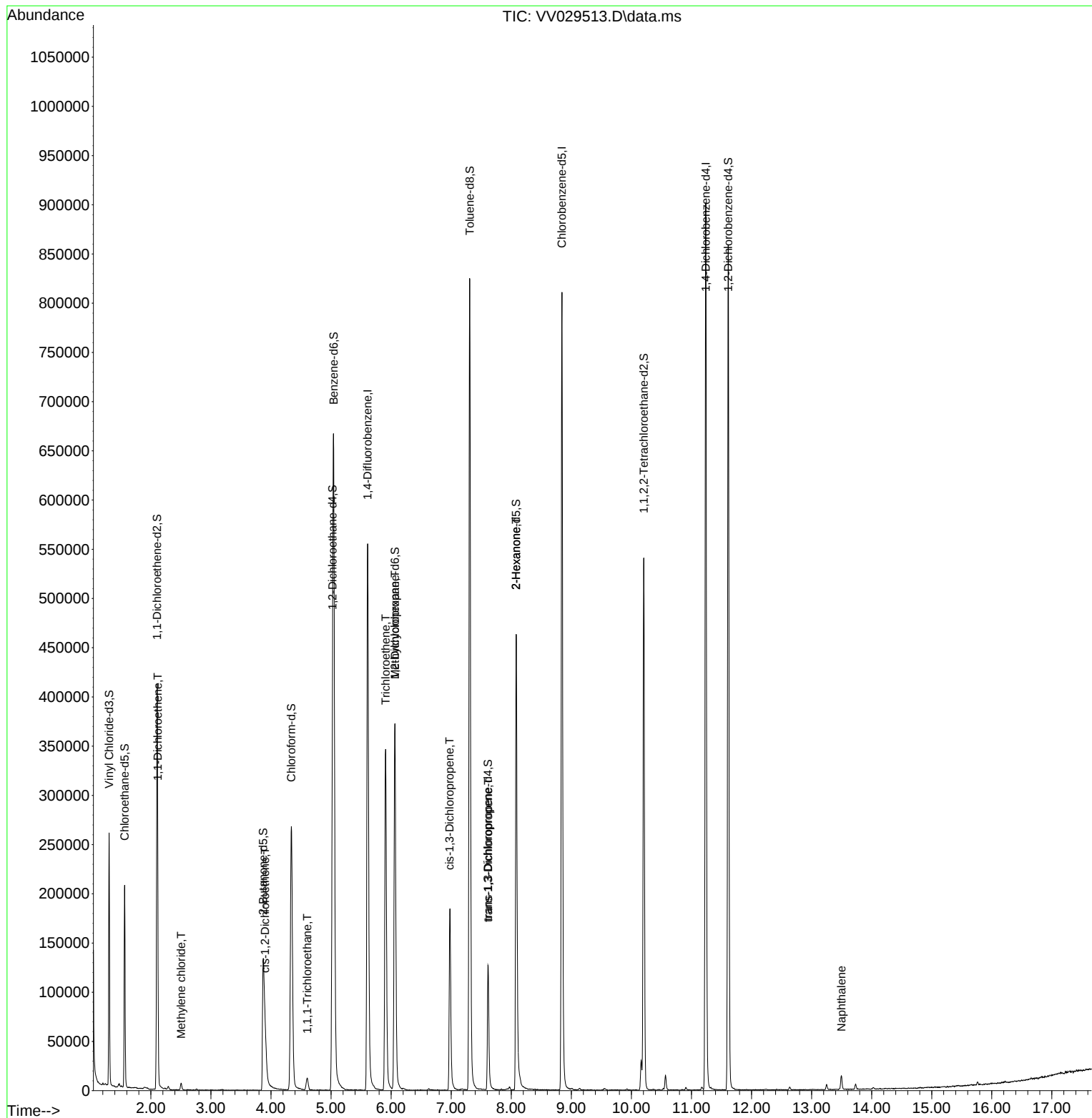
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	513663	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	469476	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	245101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161936	51.482	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.960%	
7) Chloroethane-d5	1.564	69	132026	55.045	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	110.100%	
11) 1,1-Dichloroethene-d2	2.105	63	207848	42.366	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	84.740%	
21) 2-Butanone-d5	3.870	46	205096	106.887	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	106.890%	
24) Chloroform-d	4.339	84	291611	49.266	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.540%	
26) 1,2-Dichloroethane-d4	5.024	65	175505	51.915	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.820%	
32) Benzene-d6	5.043	84	644786	51.977	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.960%	
36) 1,2-Dichloropropane-d6	6.063	67	197151	52.030	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	104.060%	
41) Toluene-d8	7.310	98	582970	49.876	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.760%	
43) trans-1,3-Dichloroprop...	7.612	79	79573	41.587	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.180%	
47) 2-Hexanone-d5	8.082	63	178868	110.544	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	110.540%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	269229	49.721	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	99.440%	
66) 1,2-Dichlorobenzene-d4	11.612	152	232303	49.789	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.580%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	9122	3.322	ug/L #	1
16) Methylene chloride	2.503	84	3124	0.915	ug/L	95
20) cis-1,2-Dichloroethene	3.902	96	15068	4.331	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	10434	2.040	ug/L	98
34) Trichloroethene	5.908	95	128306	38.693	ug/L	97
35) Methylcyclohexane	6.063	83	46097	8.185	ug/L #	22
39) cis-1,3-Dichloropropene	6.976	75	4546	0.865	ug/L #	64
44) trans-1,3-Dichloropropene	7.616	75	3509	0.705	ug/L #	69
48) 2-Hexanone	8.082	43	16416	5.642	ug/L #	63
71) Naphthalene	13.496	128	13773	1.219	ug/L	98

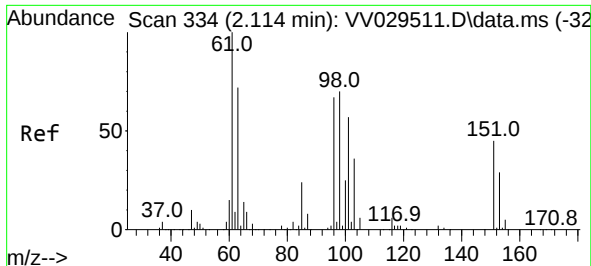
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 09 23:48:53 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.322 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

C0EF0DL

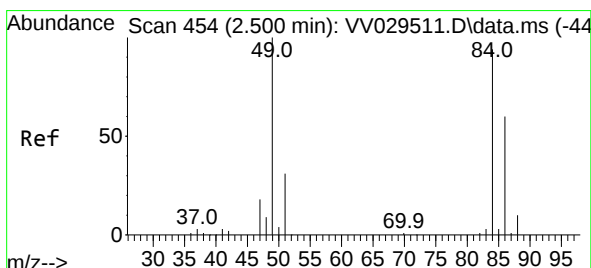
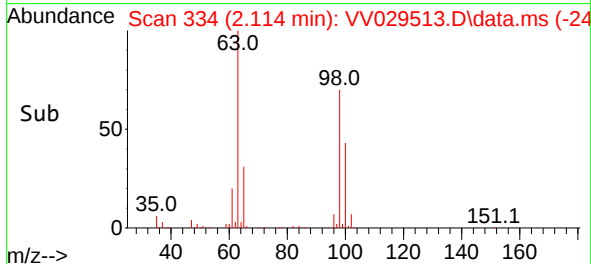
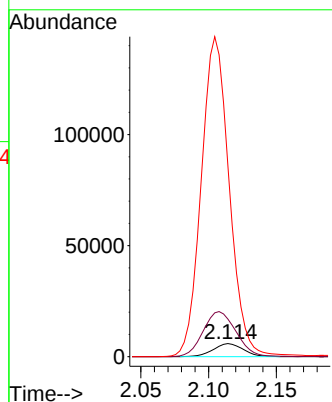
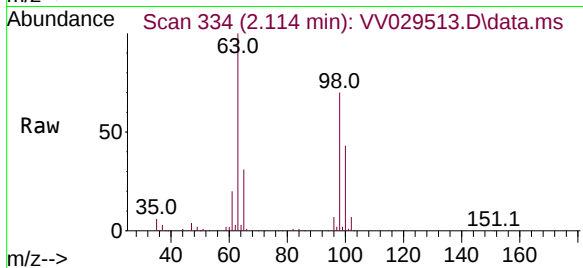
Tgt Ion: 96 Resp: 9122

Ion Ratio Lower Upper

96 100

61 286.5 103.3 191.9#

63 1460.3 77.3 143.7#



#16

Methylene chloride

Concen: 0.915 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

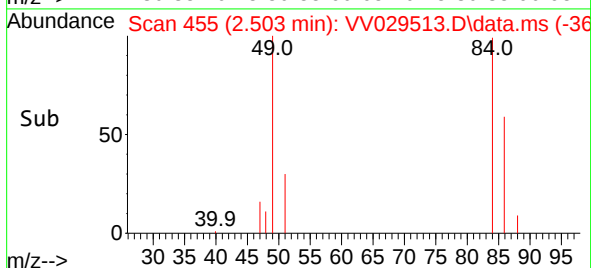
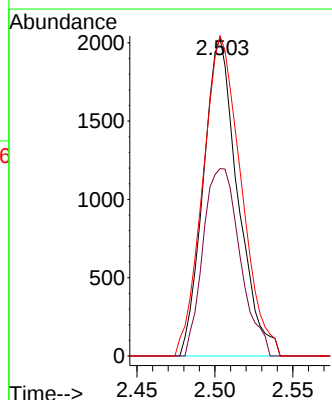
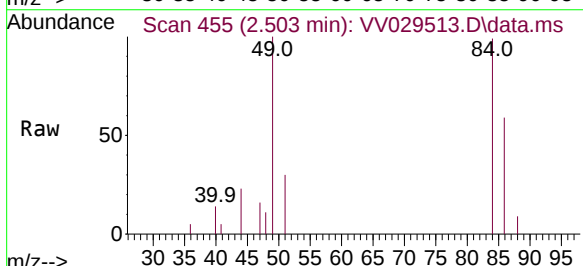
Tgt Ion: 84 Resp: 3124

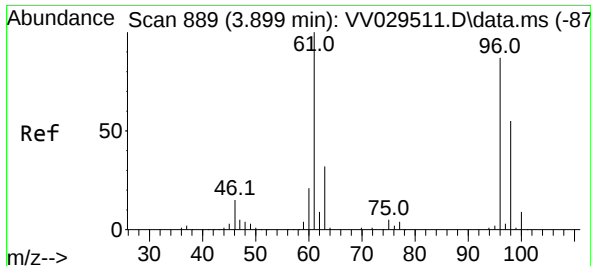
Ion Ratio Lower Upper

84 100

86 59.0 46.0 85.4

49 100.7 72.2 134.0

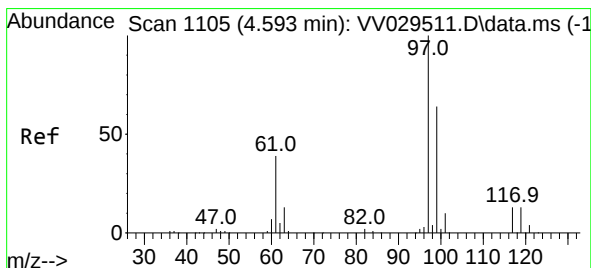
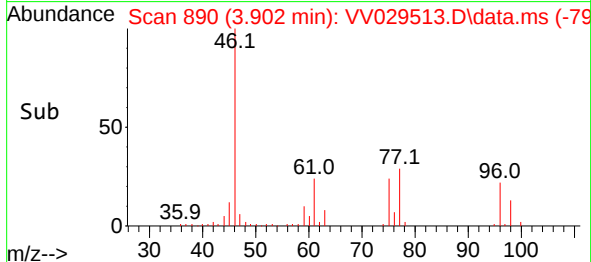
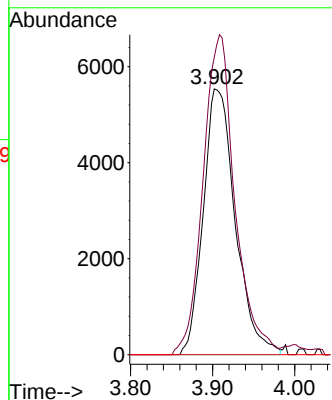
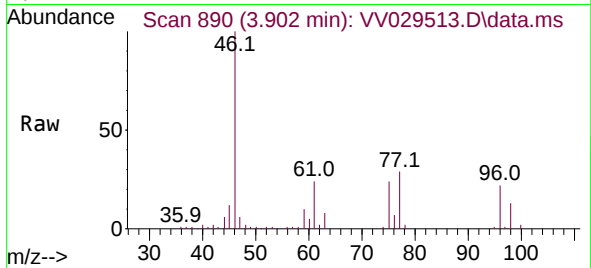




#20
 cis-1,2-Dichloroethene
 Concen: 4.331 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV029513.D
 Acq: 09 Dec 2022 12:02

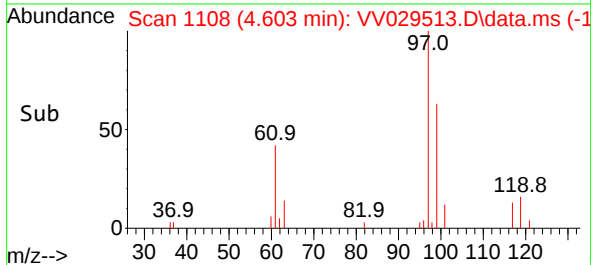
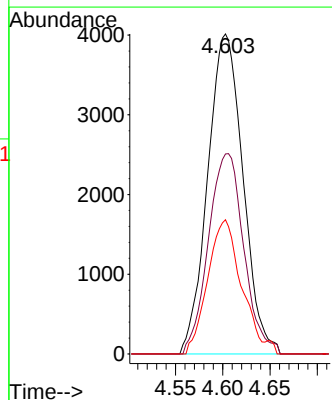
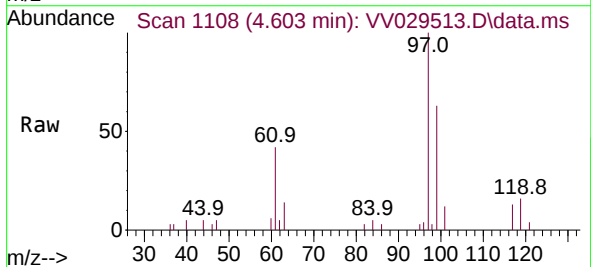
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EF0DL

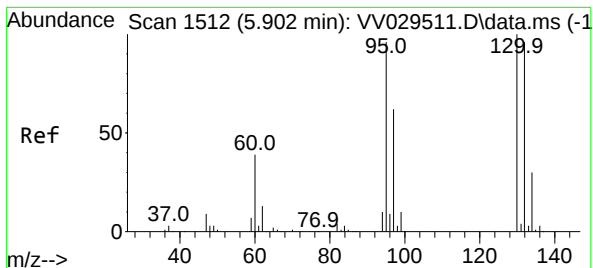
Tgt Ion: 96 Resp: 15068
 Ion Ratio Lower Upper
 96 100
 61 112.0 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 2.040 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.009 min
 Lab File: VV029513.D
 Acq: 09 Dec 2022 12:02

Tgt Ion: 97 Resp: 10434
 Ion Ratio Lower Upper
 97 100
 99 62.8 52.1 78.1
 61 39.7 31.8 47.8





#34

Trichloroethene

Concen: 38.693 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

C0EF0DL

Tgt Ion: 95 Resp: 128306

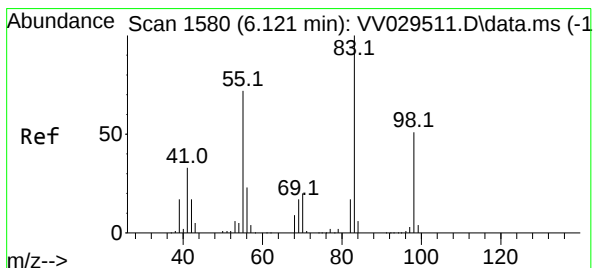
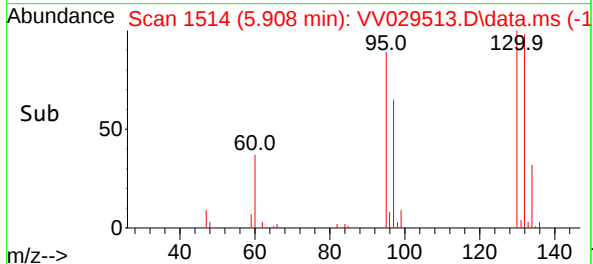
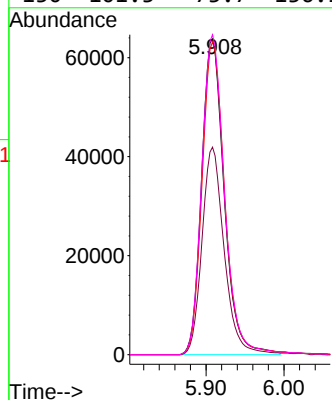
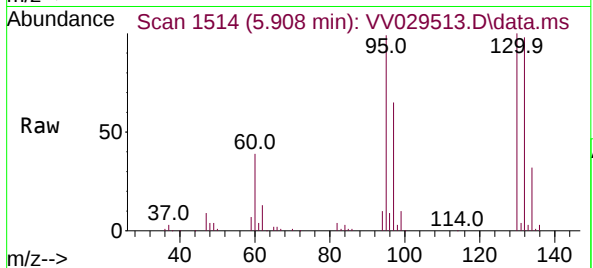
Ion Ratio Lower Upper

95 100

97 65.7 44.0 81.8

132 99.1 69.9 129.9

130 101.3 73.7 136.9



#35

Methylcyclohexane

Concen: 8.185 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

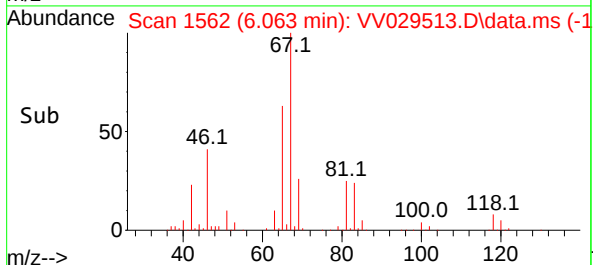
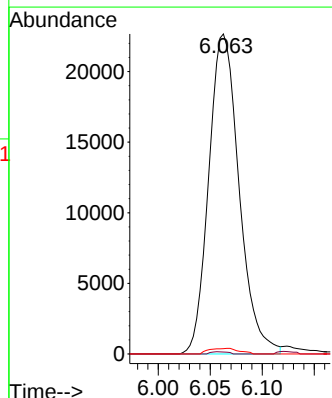
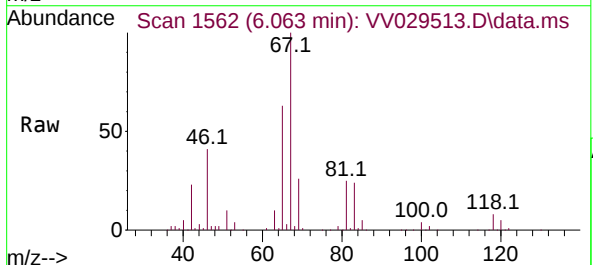
Tgt Ion: 83 Resp: 46097

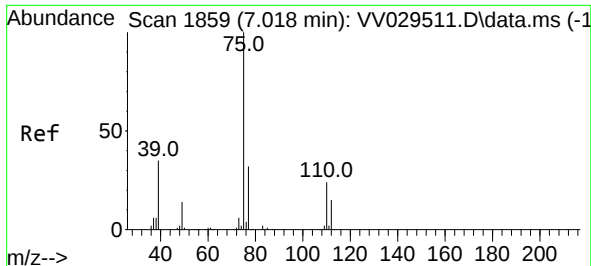
Ion Ratio Lower Upper

83 100

55 0.4 55.5 83.3#

98 1.7 39.8 59.8#





#39

cis-1,3-Dichloropropene

Concen: 0.865 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

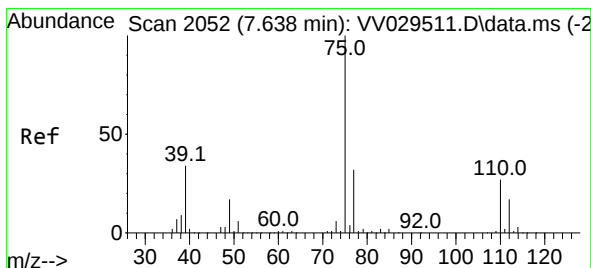
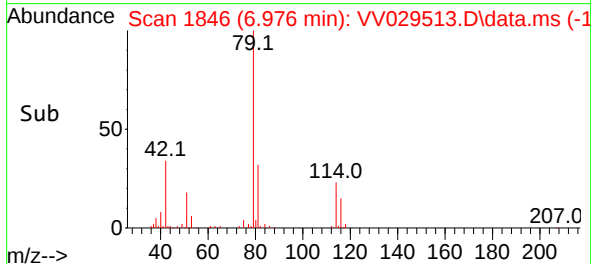
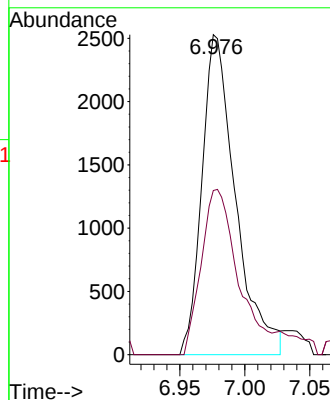
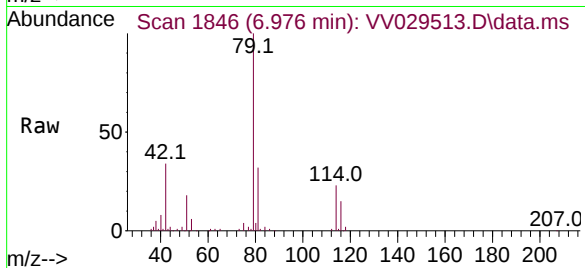
C0EF0DL

Tgt Ion: 75 Resp: 4546

Ion Ratio Lower Upper

75 100

77 51.3 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.023 min

Lab File: VV029513.D

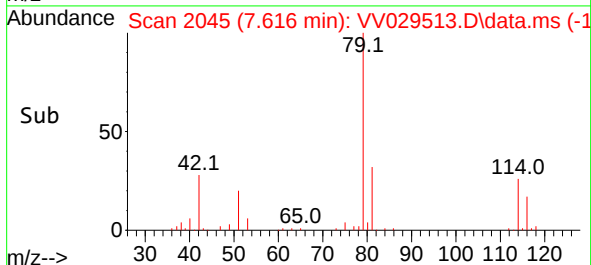
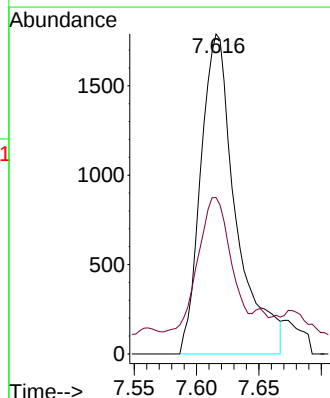
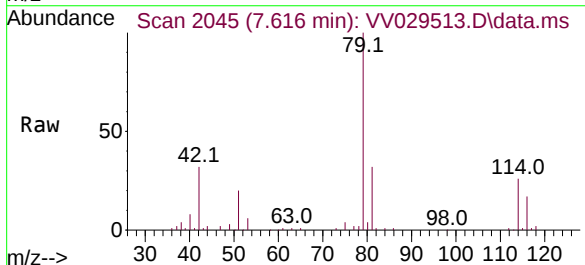
Acq: 09 Dec 2022 12:02

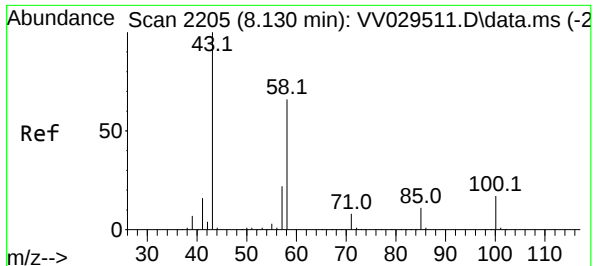
Tgt Ion: 75 Resp: 3509

Ion Ratio Lower Upper

75 100

77 48.9 22.3 41.5#





#48

2-Hexanone

Concen: 5.642 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.048 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Instrument :

MSVOA_V

ClientSampleId :

C0EF0DL

Tgt Ion: 43 Resp: 16416

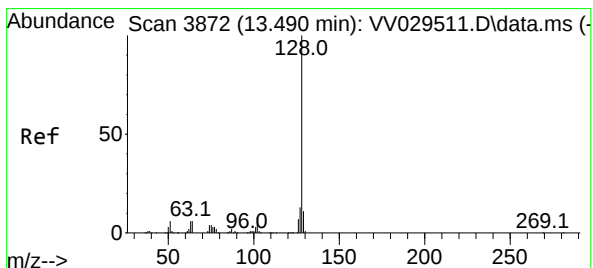
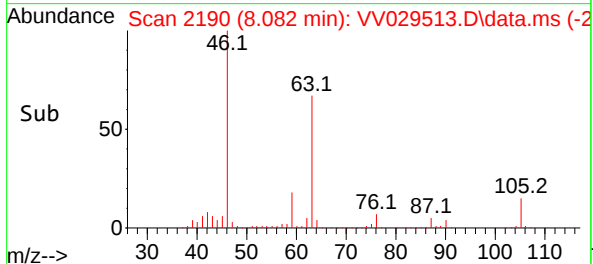
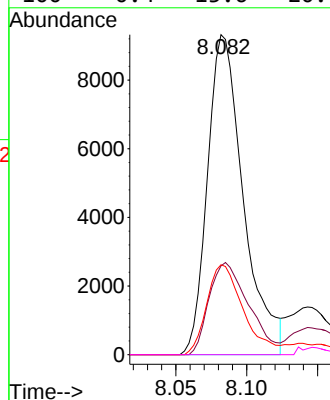
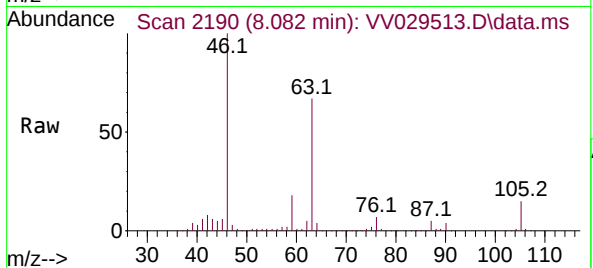
Ion Ratio Lower Upper

43 100

58 31.9 54.1 81.1#

57 28.6 17.4 26.0#

100 0.4 13.6 20.4#



#71

Naphthalene

Concen: 1.219 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.006 min

Lab File: VV029513.D

Acq: 09 Dec 2022 12:02

Tgt Ion:128 Resp: 13773

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 9.7 8.5 12.7

