

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016299.D
 Acq On : 29 May 2020 01:06
 Operator : SY/MD
 Sample : L2662-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B06

Quant Time: May 29 05:51:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84620	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82172	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21159	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.58	69	20748	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	34369	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.94	46	73941	54.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	4.38	84	45095	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.06	65	27217	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.08	84	94509	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.10	67	30316	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	84749	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
45) trans-1,3-Dichloropropene-	7.65	79	9374	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
48) 2-Hexanone-d5	8.12	63	51125	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21156	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	30198	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

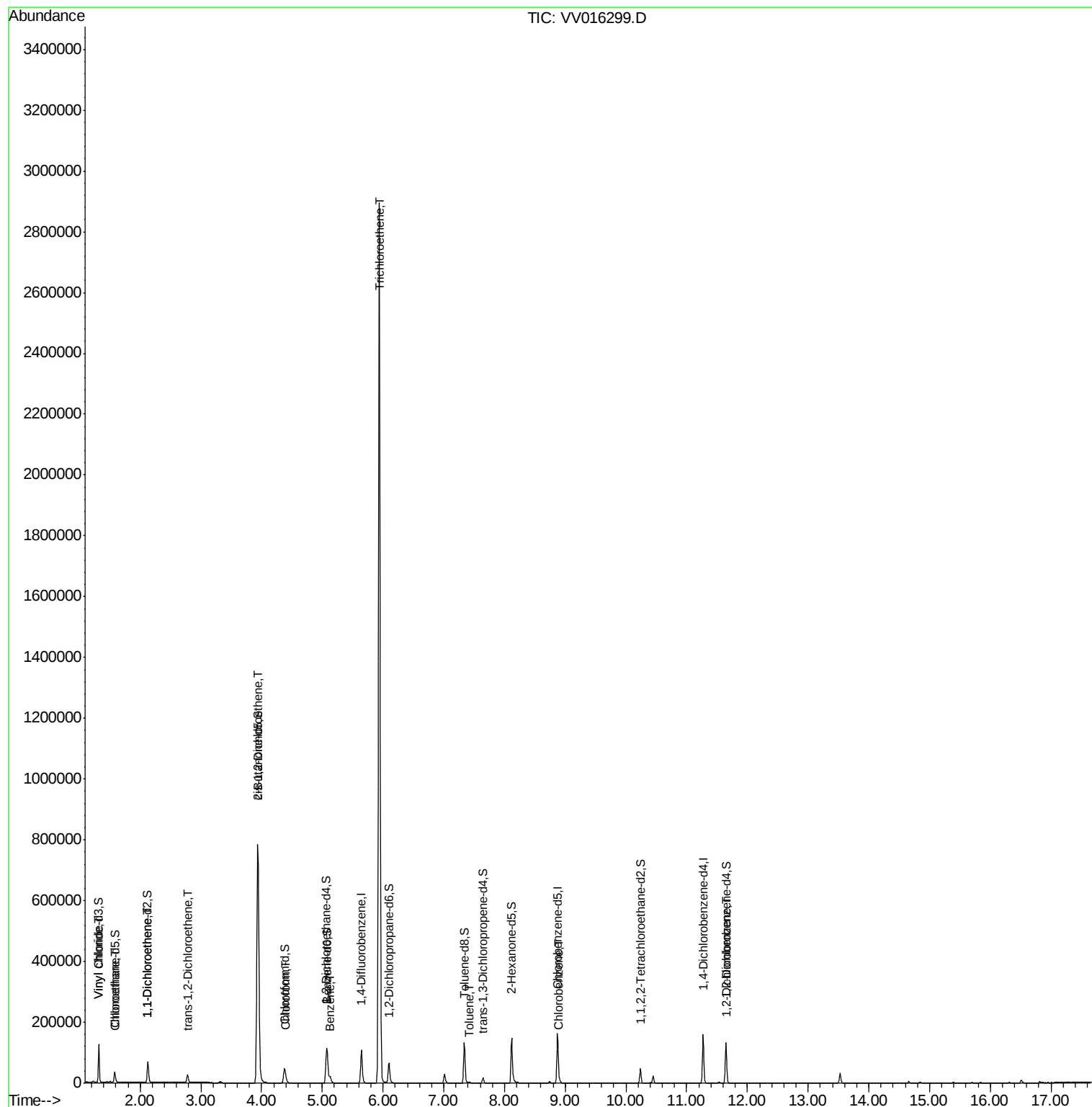
					Ovalue
5) Vinyl chloride	1.32	62	59402	8.016	ug/L 99
8) Chloroethane	1.60	64	4121	0.995	ug/L 88
12) 1,1-Dichloroethene	2.14	96	4380	0.878	ug/L # 1
18) trans-1,2-Dichloroethene	2.78	96	8676	1.588	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	395268	61.188	ug/L 99
25) Chloroform	4.41	83	4507	0.410	ug/L 95
33) Benzene	5.13	78	19243	0.814	ug/L 100
34) Trichloroethene	5.94	95	987892	160.367	ug/L 98
42) Toluene	7.41	91	3245	0.126	ug/L 93
53) Chlorobenzene	8.91	112	5247	0.329	ug/L 96
66) 1,2-Dichlorobenzene	11.67	146	3037	0.298	ug/L 88

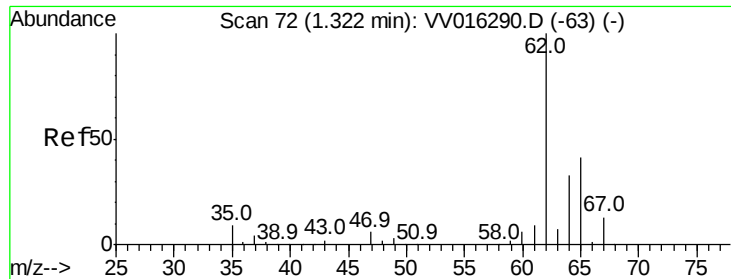
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016299.D
Acq On : 29 May 2020 01:06
Operator : SY/MD
Sample : L2662-02
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Quant Time: May 29 05:51:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.016 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

Instrument :

MSVOA_V

ClientSampleId :

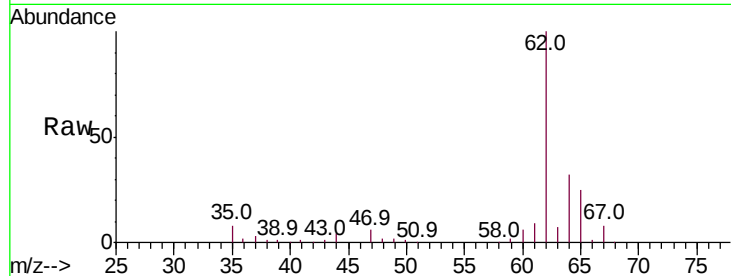
F9B06

Tot Ion: 62 Resp: 59402

Ion Ratio Lower Upper

62 100

64 32.1 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV016299.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VV016299.D (-63) (-)

1.32

60000

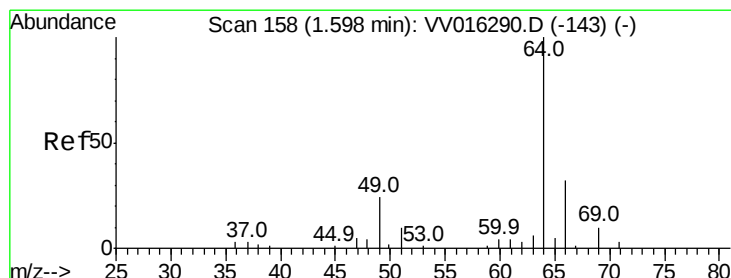
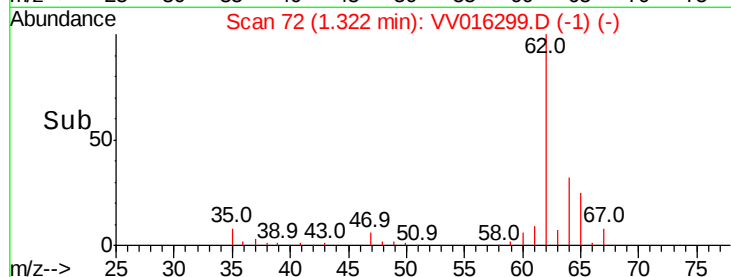
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#8

Chloroethane

Concen: 0.995 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV016299.D

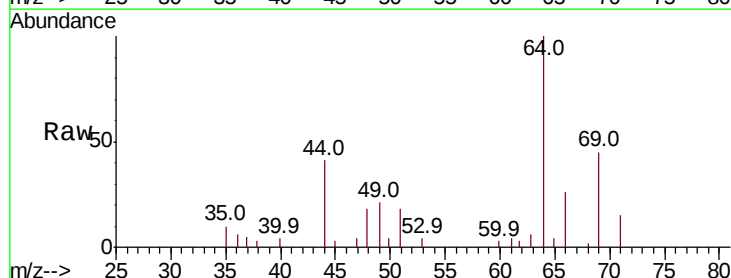
Acq: 29 May 2020 01:06

Tgt Ion: 64 Resp: 4121

Ion Ratio Lower Upper

64 100

66 25.7 22.9 42.5



Abundance Ion 64.10 (63.80 to 64.80): VV016299.D (-143) (-)

Ion 66.05 (65.75 to 66.75): VV016299.D (-143) (-)

1.60

5000

4000

3000

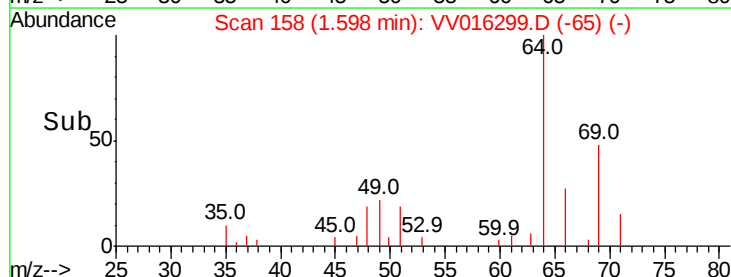
2000

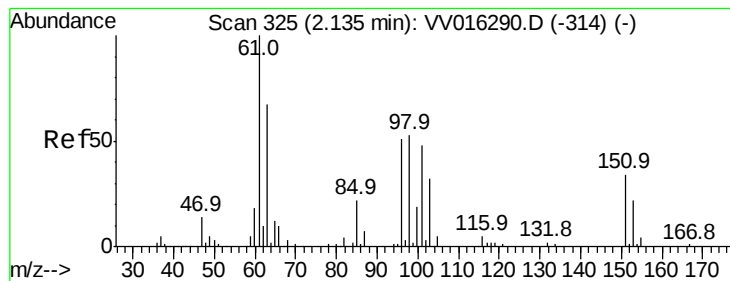
1000

0

1.55 1.60 1.65

Time-->





#12

1,1-Dichloroethene

Concen: 0.878 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

Instrument :

MSVOA_V

ClientSampleId :

F9B06

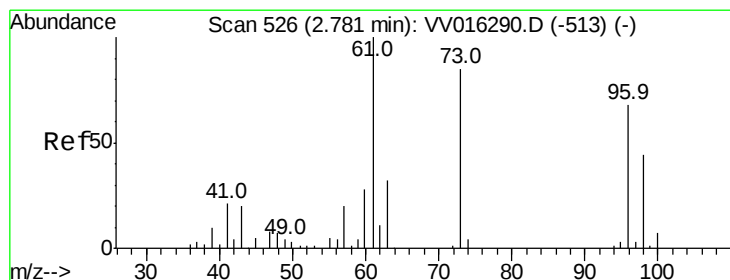
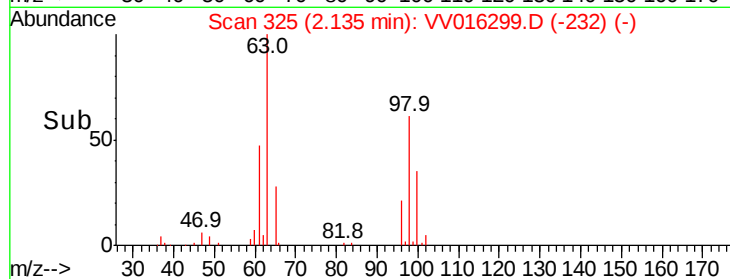
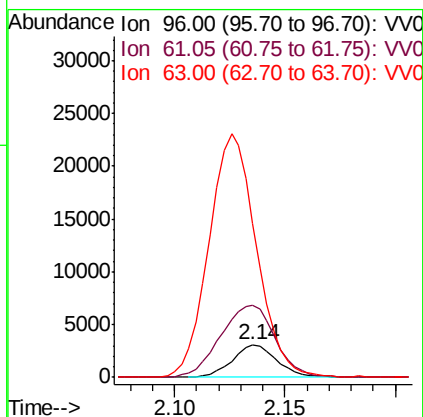
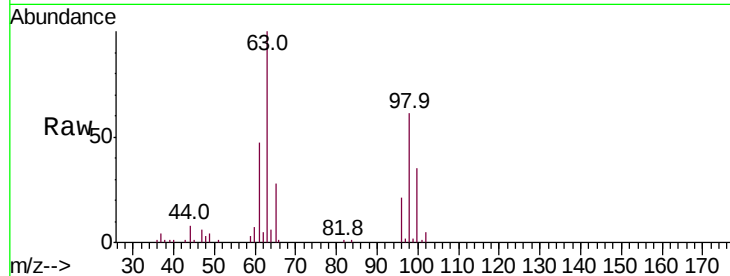
Tot Ion: 96 Resp: 4380

Ion Ratio Lower Upper

96 100

61 219.8 124.9 231.9

63 467.7 80.4 149.2#



#18

trans-1,2-Dichloroethene

Concen: 1.588 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

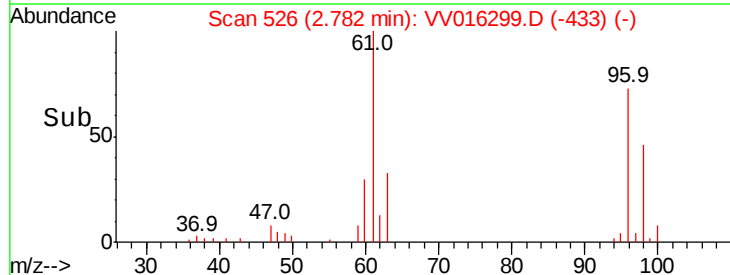
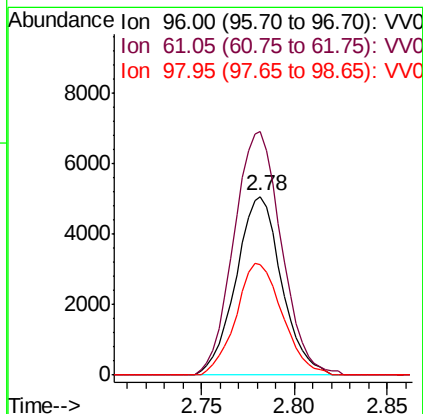
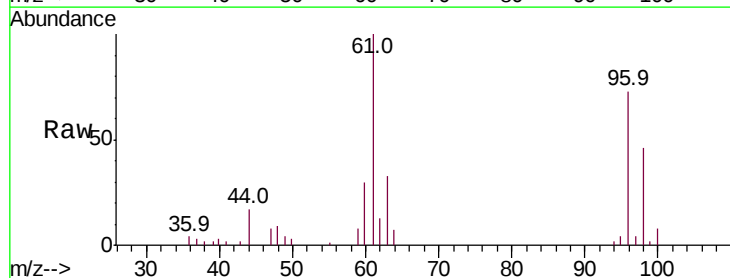
Tgt Ion: 96 Resp: 8676

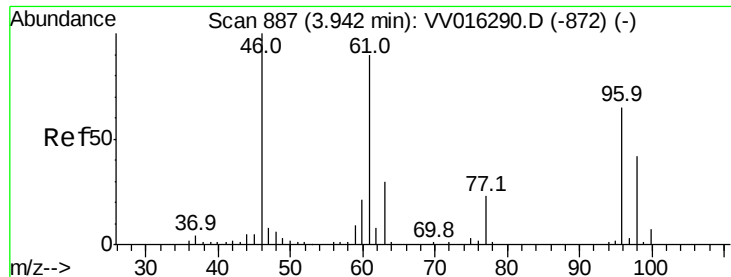
Ion Ratio Lower Upper

96 100

61 136.4 99.8 185.4

98 62.2 44.0 81.6



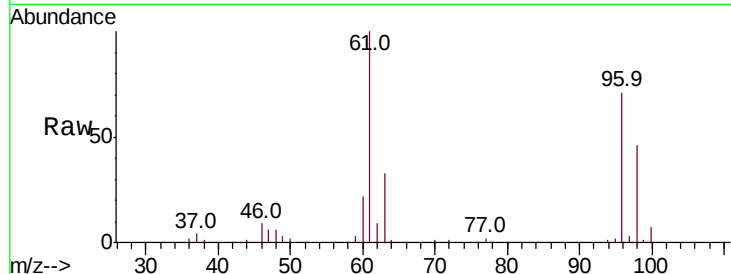


#22

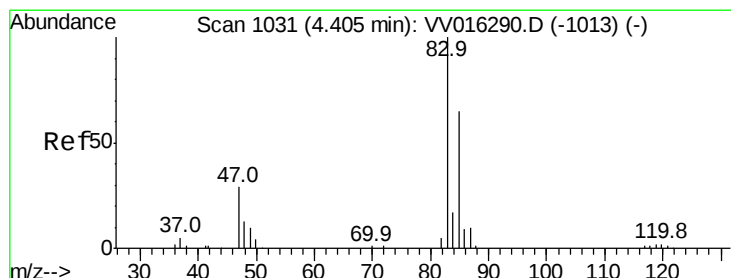
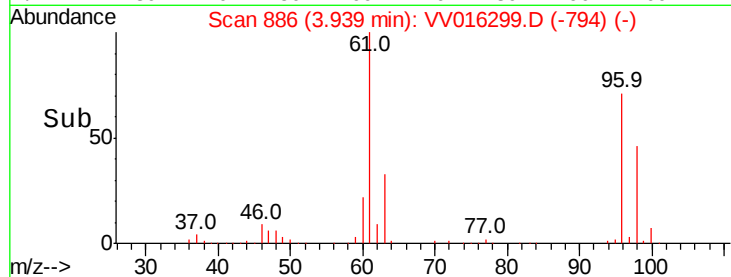
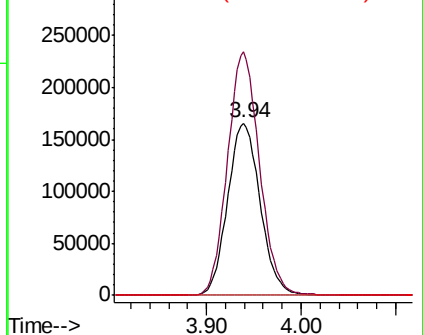
cis-1,2-Dichloroethene
Concen: 61.188 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Tot Ion: 96 Resp: 395268
Ion Ratio Lower Upper
96 100
61 141.4 99.7 185.1
68 0.0 0.0 0.0



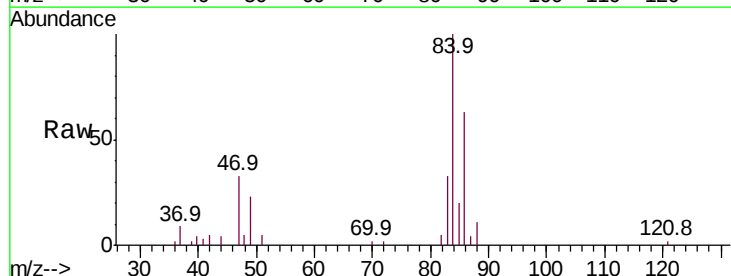
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



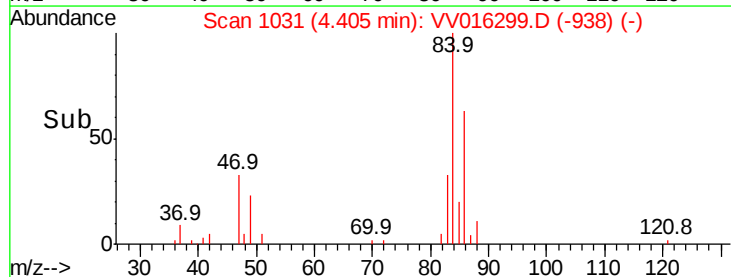
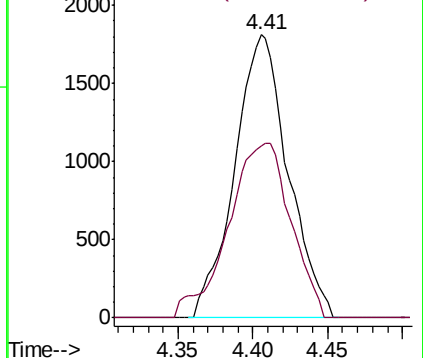
#25

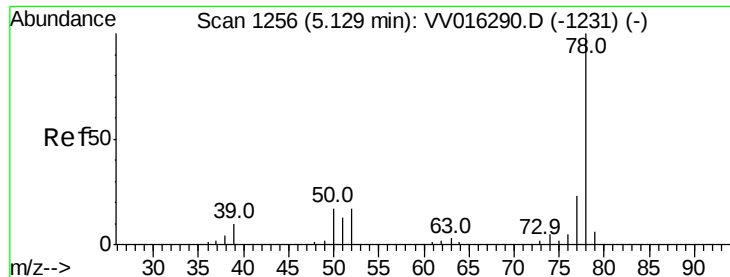
Chloroform
Concen: 0.410 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Tgt Ion: 83 Resp: 4507
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 0.814 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

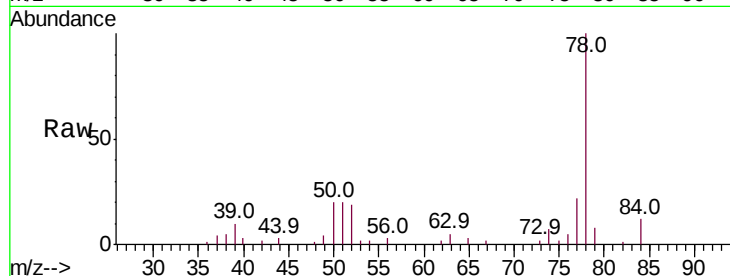
Instrument :

MSVOA_V

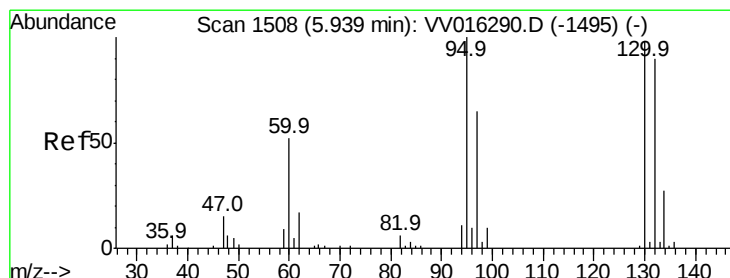
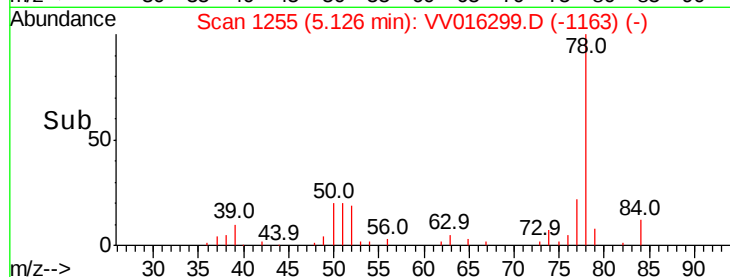
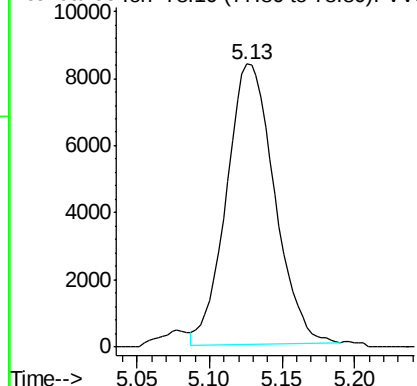
ClientSampleId :

F9B06

Tgt Ion: 78 Resp: 19243



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 160.367 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

Tgt Ion: 95 Resp: 987892

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.6	81.0
132	89.8	63.9	118.7
130	94.7	65.2	121.0

95 100

97 64.1 43.6 81.0

132 89.8 63.9 118.7

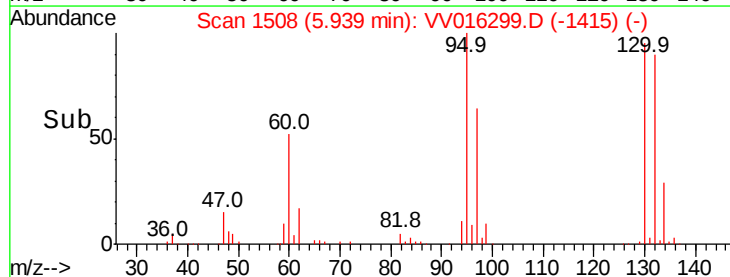
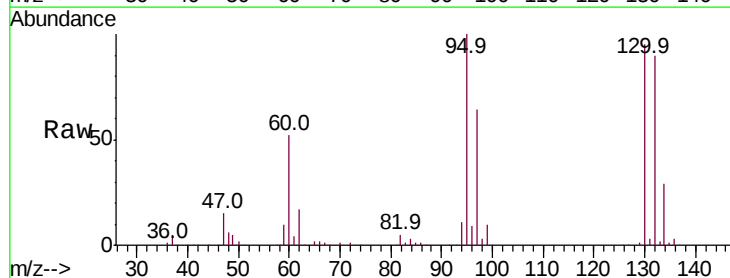
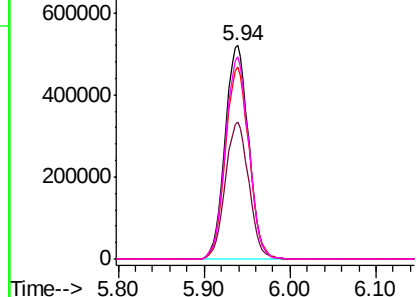
130 94.7 65.2 121.0

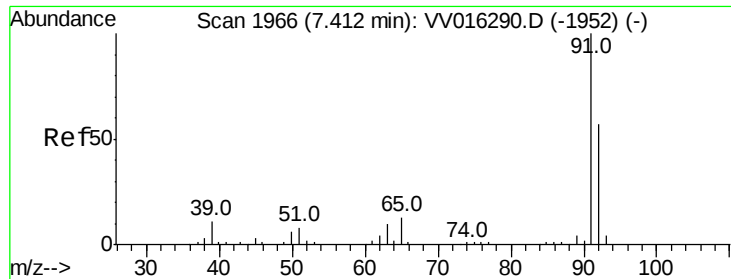
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 0.126 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

Instrument :

MSVOA_V

ClientSampleId :

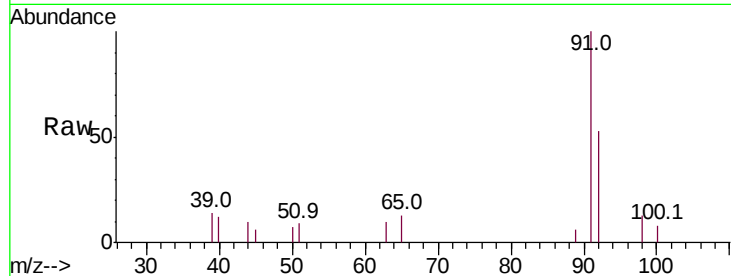
F9B06

Tot Ion: 91 Resp: 3245

Ion Ratio Lower Upper

91 100

92 53.5 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016299.D (-1952) (-)

Ion 92.15 (91.85 to 92.85): VV016299.D (-1952) (-)

7.41

2000

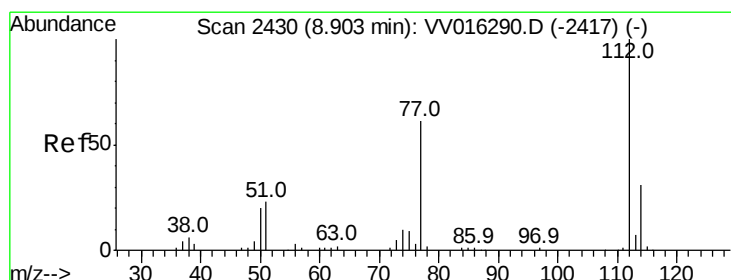
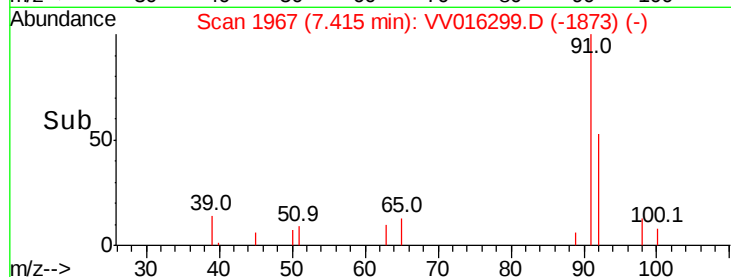
1500

1000

500

0

Time-->



#53

Chlorobenzene

Concen: 0.329 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV016299.D

Acq: 29 May 2020 01:06

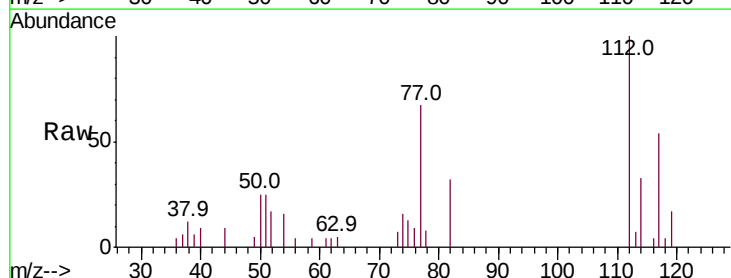
Tgt Ion: 112 Resp: 5247

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

77 67.0 50.7 76.1



Abundance Ion 112.10 (111.80 to 112.80): VV016299.D (-2417) (-)

Ion 114.05 (113.75 to 114.75): VV016299.D (-2417) (-)

Ion 77.10 (76.80 to 77.80): VV016299.D (-2417) (-)

8.91

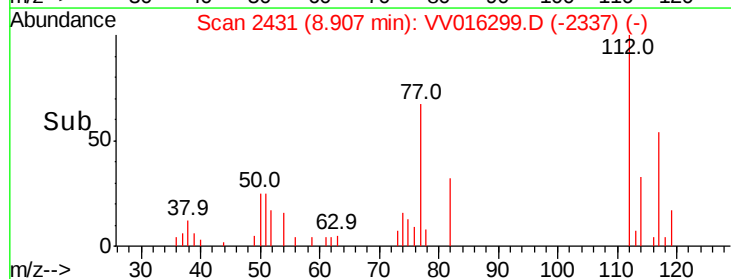
3000

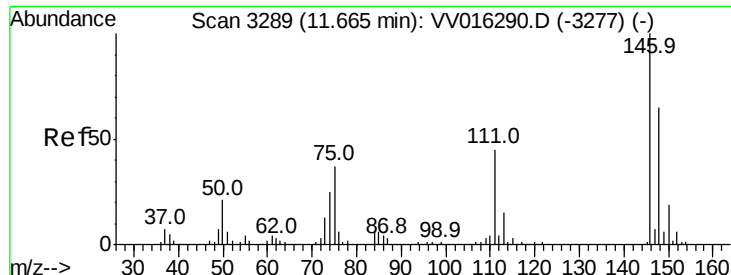
2000

1000

0

Time-->

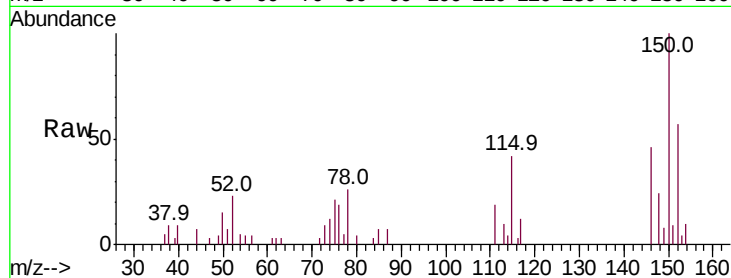




#66
 1,2-Dichlorobenzene
 Concen: 0.298 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV016299.D
 Acq: 29 May 2020 01:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B06

Tot Ion:146 Resp: 3037
 Ion Ratio Lower Upper
 146 100
 111 40.5 35.7 53.5
 148 52.1 51.3 76.9



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

