

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016333.D
 Acq On : 30 May 2020 00:40
 Operator : SY/MD
 Sample : L2826-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKB9

Quant Time: May 30 03:47:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	85404	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	76023	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	27177	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28454	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	21283	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	38954	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.93	46	67505	49.62	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.24%
24) Chloroform-d	4.38	84	51468	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	27763	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	100012	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.10	67	29901	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.34	98	91258	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
45) trans-1,3-Dichloropropene-	7.64	79	11006	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
48) 2-Hexanone-d5	8.12	63	51908	52.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	18667	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	21566	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

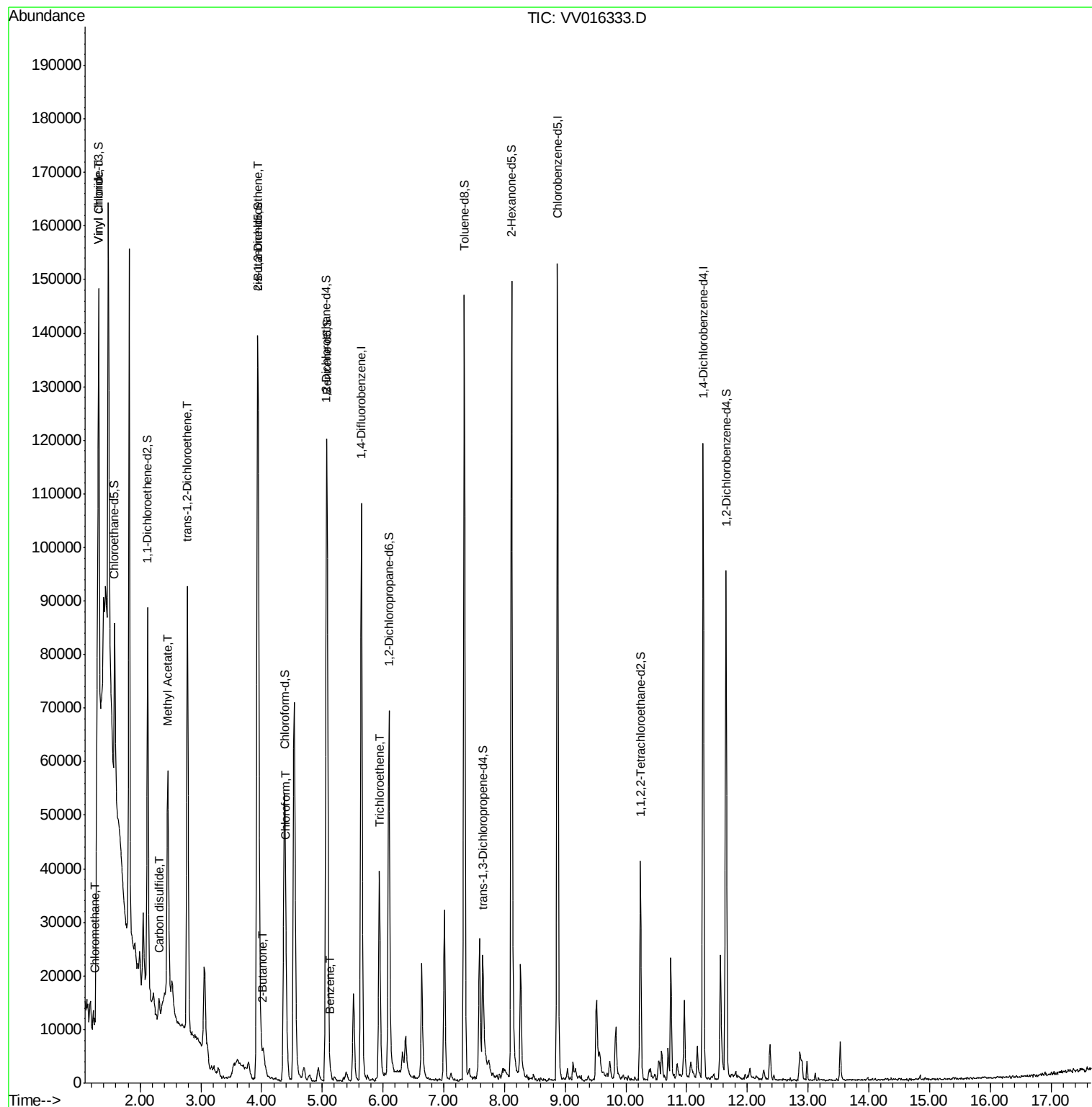
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1371	0.167	ug/L	85
5) Vinyl chloride	1.32	62	14207	1.900	ug/L	# 1
14) Carbon disulfide	2.31	76	5662	0.363	ug/L	98
15) Methyl Acetate	2.45	43	56057	26.048	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	28373	5.147	ug/L	98
21) 2-Butanone	4.03	43	8014	5.349	ug/L	92
22) cis-1,2-Dichloroethene	3.94	96	56541	8.672	ug/L	96
25) Chloroform	4.41	83	10561	0.953	ug/L	98
33) Benzene	5.13	78	1486	0.068	ug/L	100
34) Trichloroethene	5.94	95	11821	2.074	ug/L	95

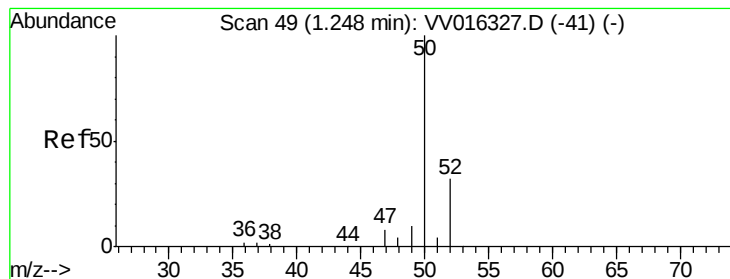
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016333.D
Acq On : 30 May 2020 00:40
Operator : SY/MD
Sample : L2826-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CWKB9

Quant Time: May 30 03:47:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV016333.D

Acq: 30 May 2020 00:40

Instrument :

MSVOA_V

ClientSampled :

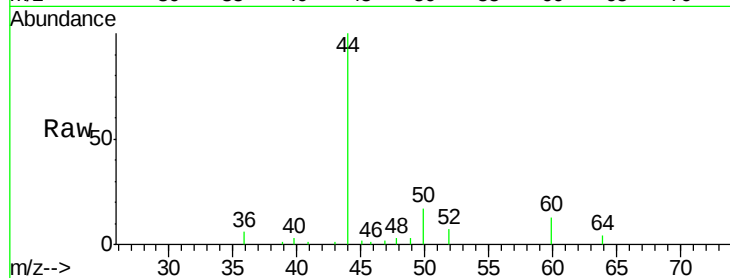
CWKB9

Tot Ion: 50 Resp: 1371

Ion Ratio Lower Upper

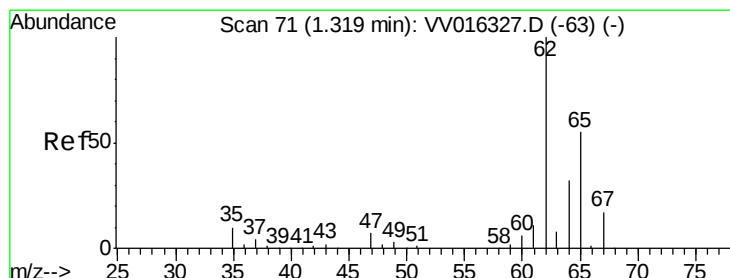
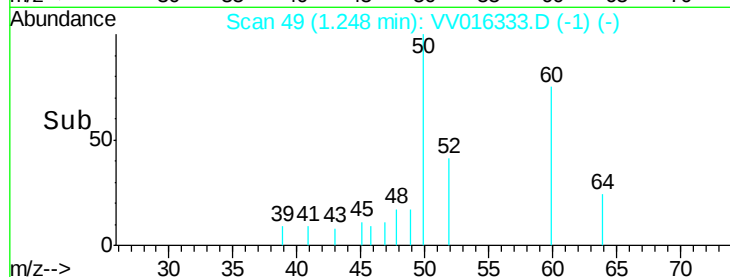
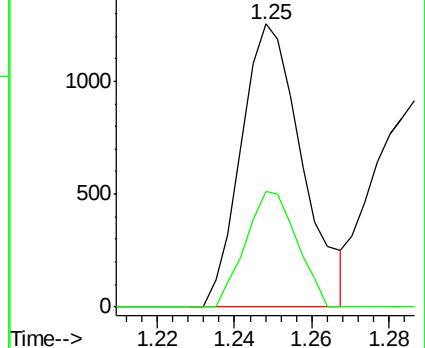
50 100

52 40.8 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 1.900 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016333.D

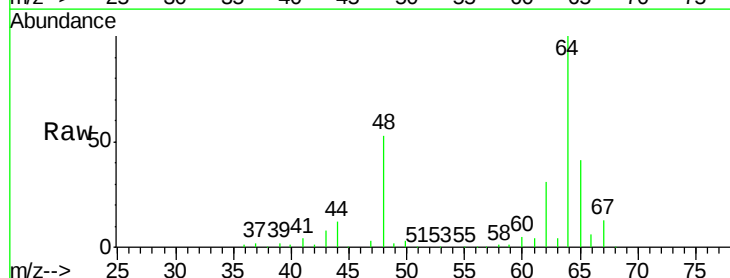
Acq: 30 May 2020 00:40

Tgt Ion: 62 Resp: 14207

Ion Ratio Lower Upper

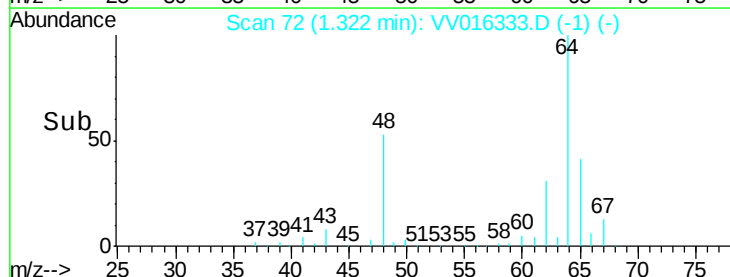
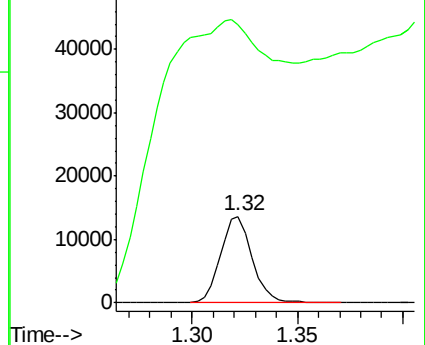
62 100

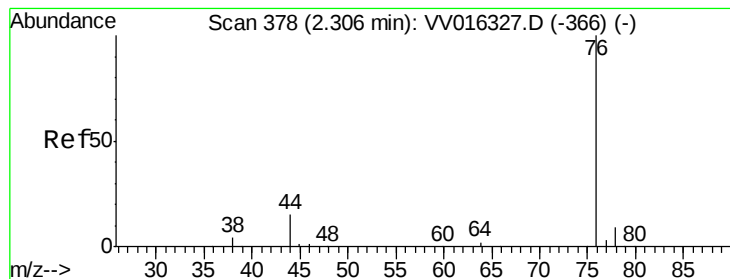
64 321.7 22.1 41.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#14

Carbon disulfide

Concen: 0.363 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV016333.D

Acq: 30 May 2020 00:40

Instrument :

MSVOA_V

ClientSampleId :

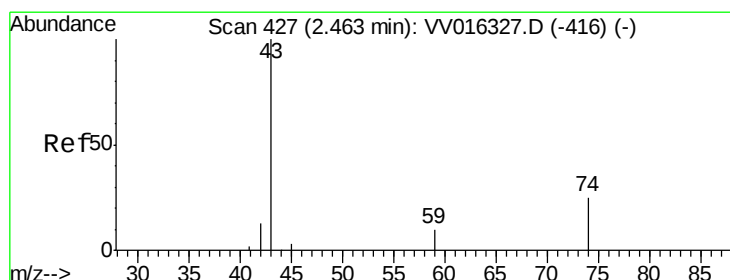
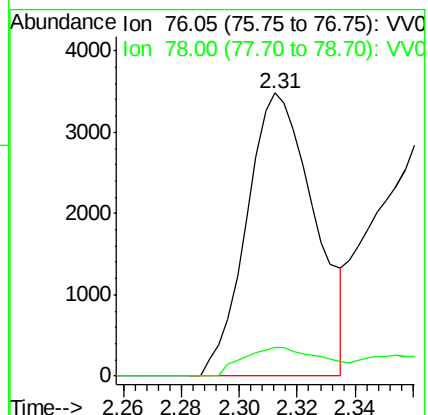
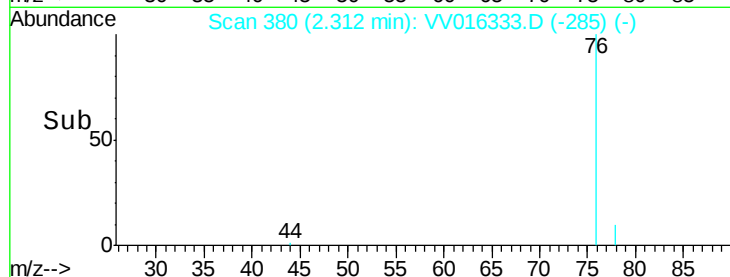
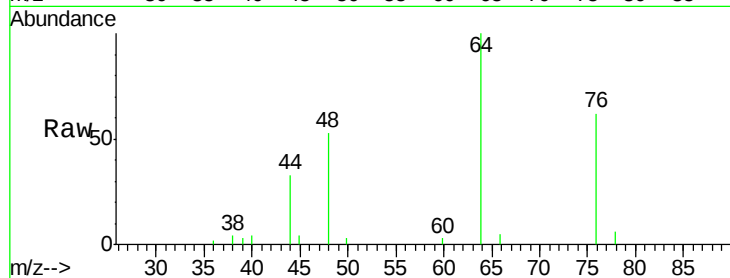
CWKB9

Tot Ion: 76 Resp: 5662

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0



#15

Methyl Acetate

Concen: 26.048 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV016333.D

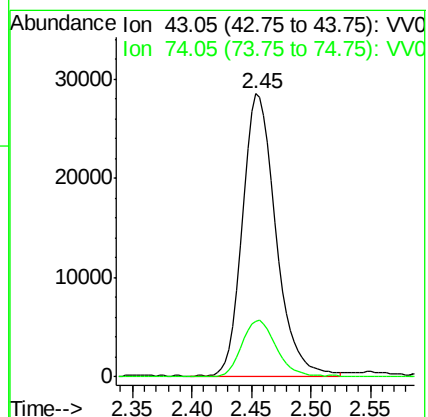
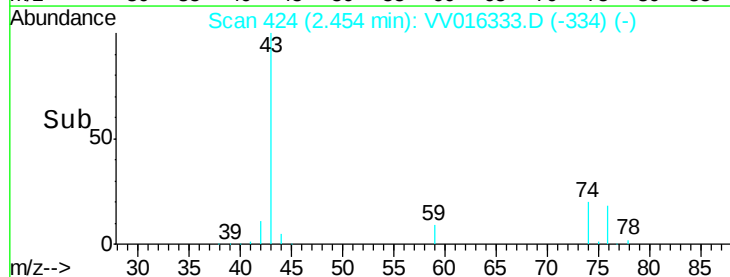
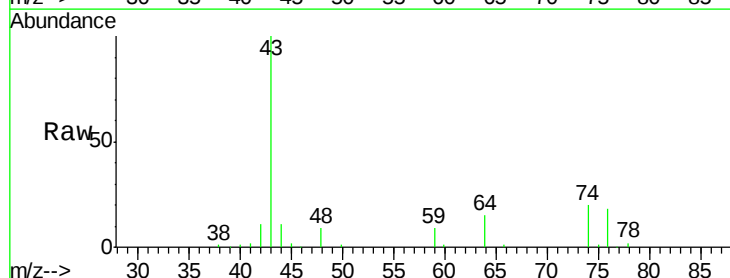
Acq: 30 May 2020 00:40

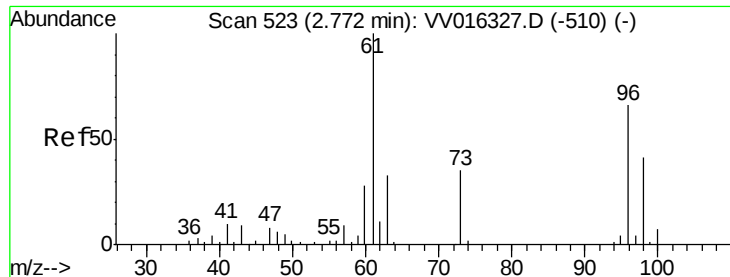
Tgt Ion: 43 Resp: 56057

Ion Ratio Lower Upper

43 100

74 20.6 18.1 27.1

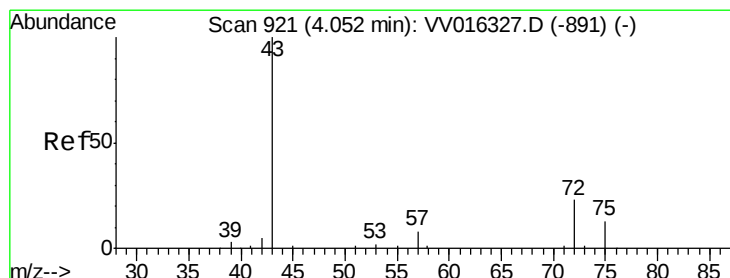
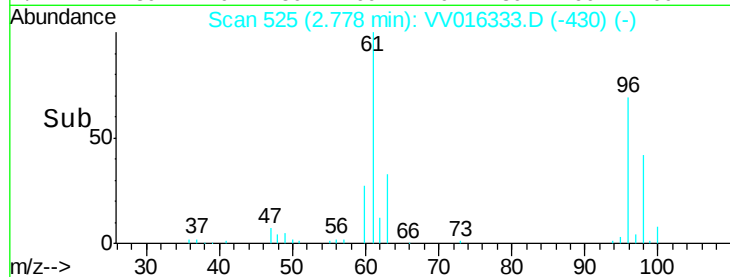
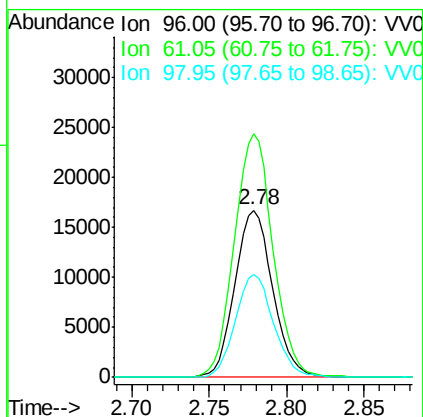
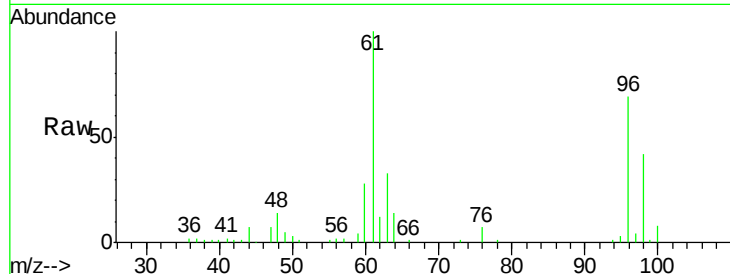




#18
trans-1,2-Dichloroethene
Concen: 5.147 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV016333.D
Acq: 30 May 2020 00:40

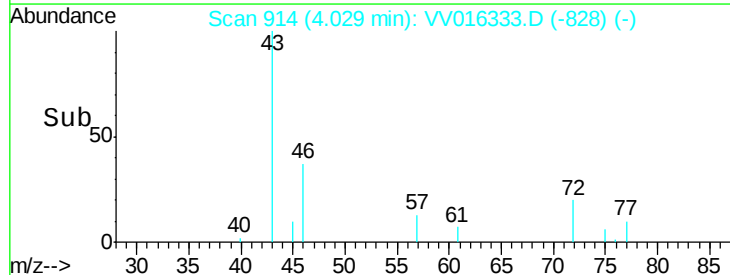
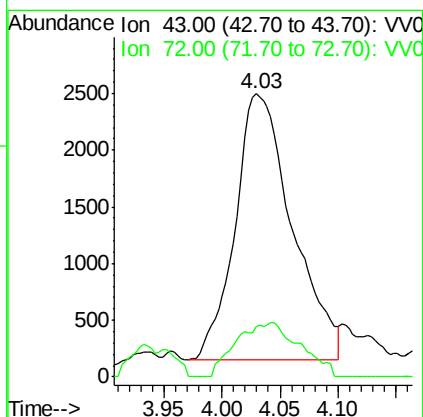
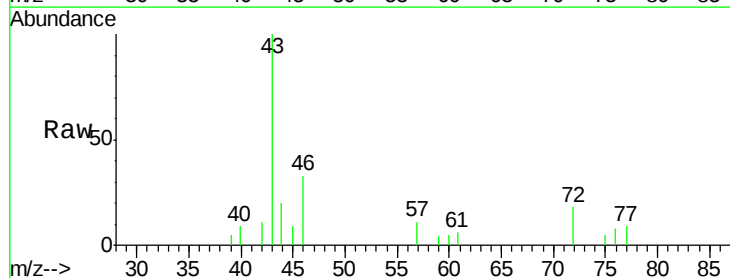
Instrument :
MSVOA_V
ClientSampled :
CWKB9

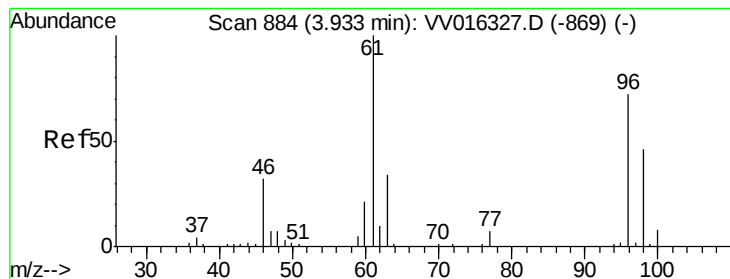
Tot Ion: 96 Resp: 28373
Ion Ratio Lower Upper
96 100
61 145.7 99.8 185.4
98 61.6 44.0 81.6



#21
2-Butanone
Concen: 5.349 ug/L
RT: 4.03 min Scan# 914
Delta R.T. -0.02 min
Lab File: VV016333.D
Acq: 30 May 2020 00:40

Tgt Ion: 43 Resp: 8014
Ion Ratio Lower Upper
43 100
72 23.0 9.7 28.9





#22

cis-1,2-Dichloroethene

Concen: 8.672 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV016333.D

Acq: 30 May 2020 00:40

Instrument :

MSVOA_V

ClientSampleId :

CWKB9

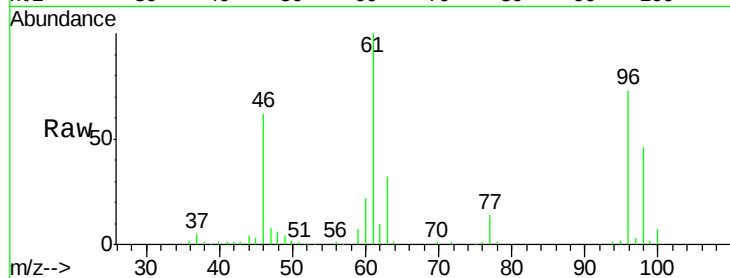
Tot Ion: 96 Resp: 56541

Ion Ratio Lower Upper

96 100

61 137.8 99.7 185.1

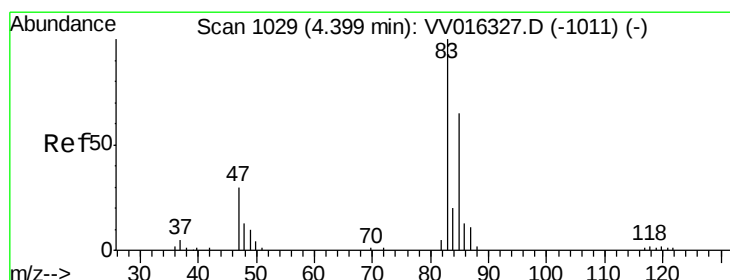
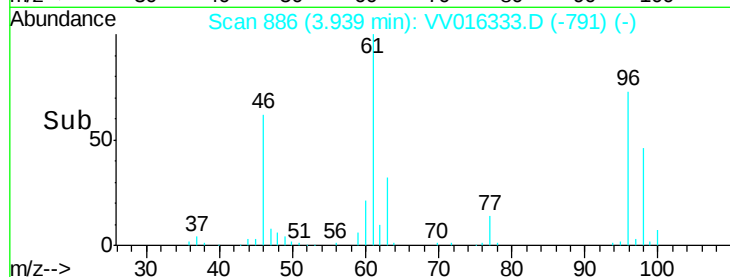
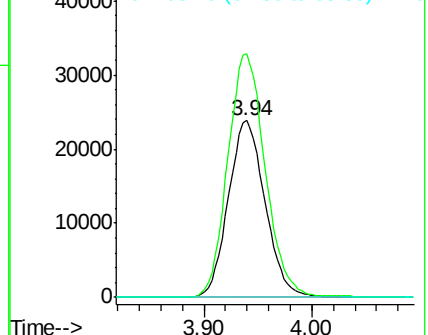
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016333.D (-791) (-)

Ion 61.05 (60.75 to 61.75): VV016333.D (-791) (-)

Ion 68.15 (67.85 to 68.85): VV016333.D (-791) (-)



#25

Chloroform

Concen: 0.953 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016333.D

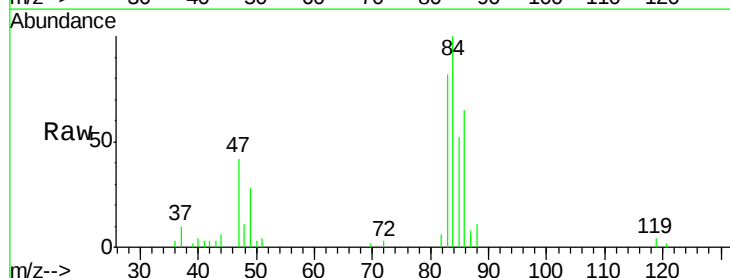
Acq: 30 May 2020 00:40

Tgt Ion: 83 Resp: 10561

Ion Ratio Lower Upper

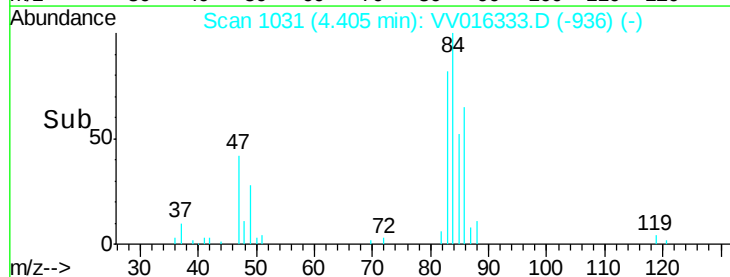
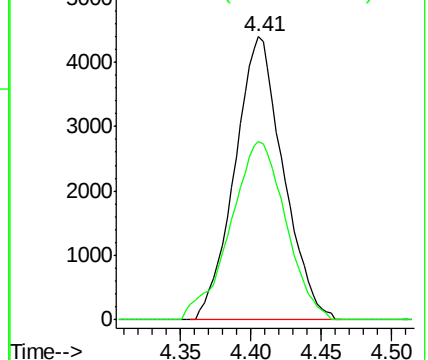
83 100

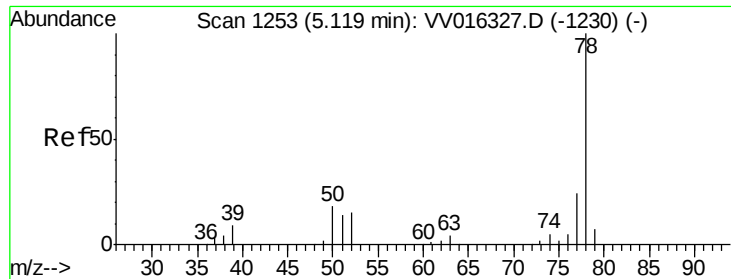
85 63.0 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV016333.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV016333.D (-936) (-)





#33

Benzene

Concen: 0.068 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV016333.D

Acq: 30 May 2020 00:40

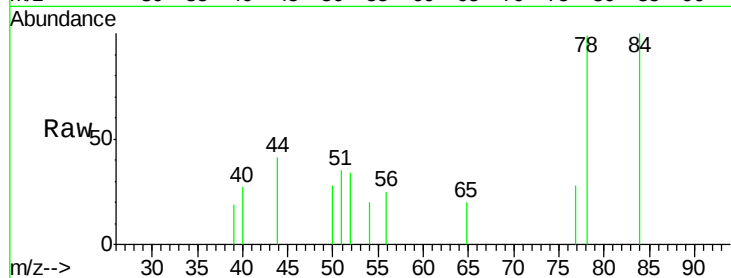
Instrument :

MSVOA_V

ClientSampleId :

CWKB9

Tgt Ion: 78 Resp: 1486



Abundance Ion 78.10 (77.80 to 78.80): VV0

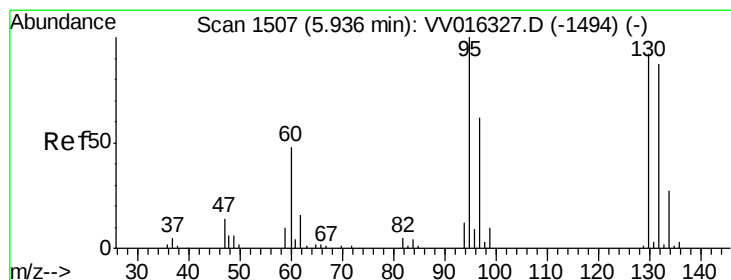
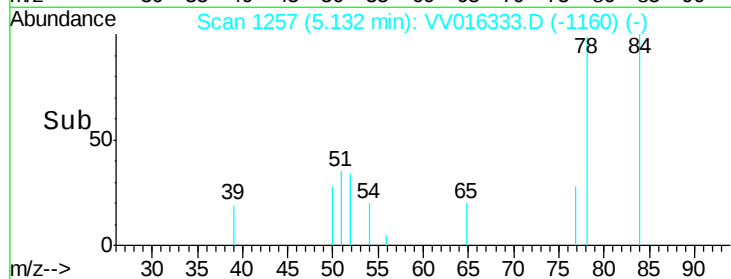
5.13

400

200

0

Time-->



#34

Trichloroethene

Concen: 2.074 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016333.D

Acq: 30 May 2020 00:40

Tgt Ion: 95 Resp: 11821

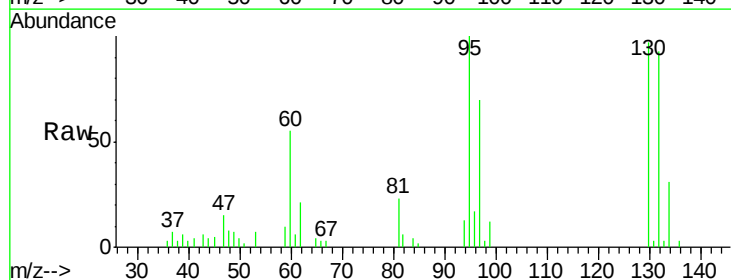
Ion Ratio Lower Upper

95 100

97 69.9 43.6 81.0

132 92.8 63.9 118.7

130 97.5 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

5.94

4000

2000

0

Time-->

