

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
 Data File : VN058345.D
 Acq On : 24 Sep 2019 14:57
 Operator : JC/SP
 Sample : K4839-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 25 08:21:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	79054	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	464608	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	411161	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	209397	29.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.87%
60) 4-Bromofluorobenzene	12.41	95	210258	29.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.50%
63) Toluene-d8	10.08	98	584615	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

					Ovalue
4) Vinyl Chloride	2.17	62	135834	24.799	ug/l 93
6) Chloroethane	2.69	64	124668	38.513	ug/l 97
15) Acetone	3.80	58	19825	29.958	ug/l 80
18) Methylene Chloride	4.53	84	319937	62.494	ug/l 92
21) 1,1-Dichloroethane	5.83	63	170425	17.632	ug/l 99
22) cis-1,2-Dichloroethene	6.81	96	737462	130.494	ug/l 88
24) Methyl tert-Butyl Ether	5.02	73	2254964	144.754	ug/l 99
25) Chloroform	7.36	83	504717	51.569	ug/l 100
33) Carbon Tetrachloride	7.76	117	639537	92.024	ug/l 99
36) 1,2-Dichloroethane	8.11	62	318271	37.765	ug/l 99
37) Trichloroethene	8.82	130	388720	72.172	ug/l 98
39) 1,2-Dichloropropane	9.11	63	146974	25.045	ug/l 96
40) Dibromomethane	9.20	93	121431	32.786	ug/l 98
48) t-1,3-Dichloropropene	10.38	75	126251	15.783	ug/l 99
49) cis-1,3-Dichloropropene	9.83	75	735135	82.540	ug/l 100
50) 1,1,2-Trichloroethane	10.56	97	185407	35.819	ug/l 96
54) 1,2-Dibromoethane	11.00	107	184766	34.978	ug/l 99
56) Bromoform	12.13	173	285279	86.974	ug/l 100
59) 2-Hexanone	10.75	43	968544	198.864	ug/l 99
61) Tetrachloroethene	10.63	164	382704	88.845	ug/l 99
62) Toluene	10.15	91	707182	31.405	ug/l 100
64) Chlorobenzene	11.44	112	1146805	82.874	ug/l 100
65) 1,1,1,2-Tetrachloroethane	11.51	131	208644	43.010	ug/l 99
66) Ethyl Benzene	11.51	91	2868144	116.809	ug/l 93
67) m/p-Xylenes	11.62	106	1074954	114.031	ug/l 98
68) o-Xylene	11.95	106	542304	59.162	ug/l 97
69) Styrene	11.97	104	1785745	116.497	ug/l 96
71) 1,1,2,2-Tetrachloroethane	12.51	83	491234	65.066	ug/l 99
76) 1,3,5-Trimethylbenzene	12.74	105	2133771	104.321	ug/l 98
80) 1,2,4-Trimethylbenzene	13.05	105	962369	47.137	ug/l 99
84) 1,4-Dichlorobenzene	13.37	146	1148948	108.750	ug/l 98
87) 1,2-Dichlorobenzene	13.66	146	581834	56.132	ug/l 99
89) 1,2,4-Trichlorobenzene	14.92	180	501021	73.985	ug/l 99
90) Hexachlorobutadiene	15.02	225	191341	58.395	ug/l 98
91) Naphthalene	15.13	128	2489806	133.881	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
Data File : VN058345.D
Acq On : 24 Sep 2019 14:57
Operator : JC/SP
Sample : K4839-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Quant Time: Sep 25 08:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

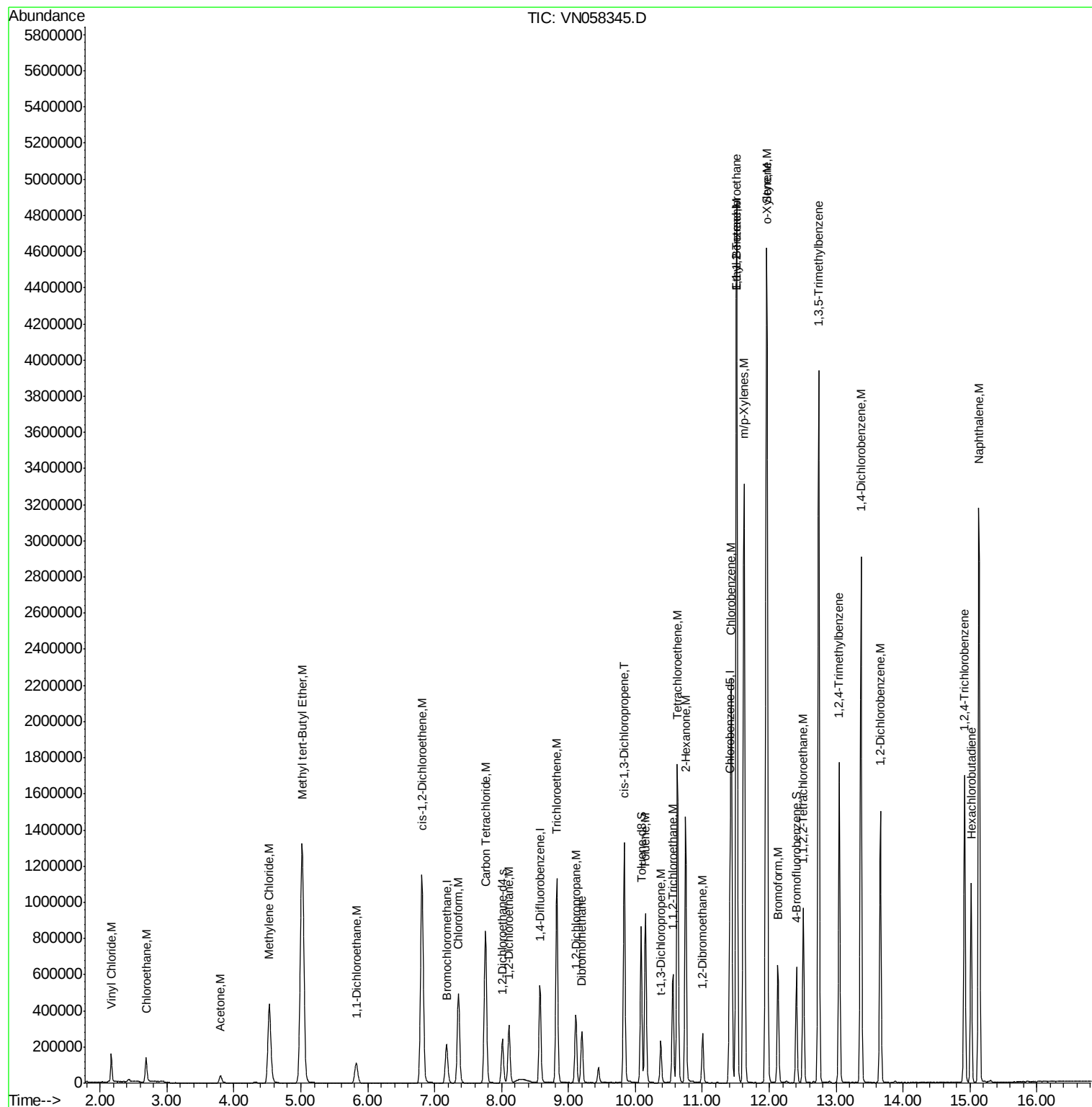
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

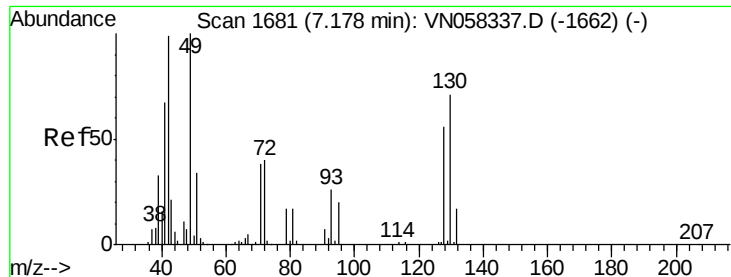
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092419\
Data File : VN058345.D
Acq On : 24 Sep 2019 14:57
Operator : JC/SP
Sample : K4839-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Quant Time: Sep 25 08:21:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

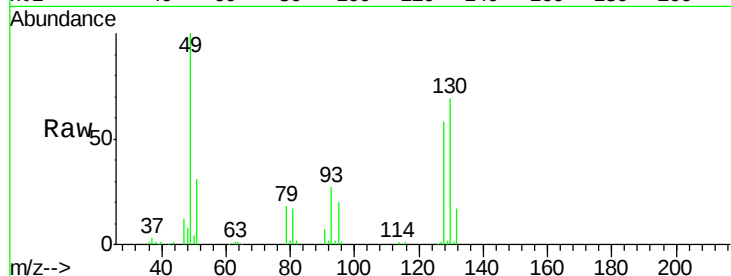
Tot Ion:128 Resp: 79054

Ion Ratio Lower Upper

128 100

49 181.4 0.0 458.5

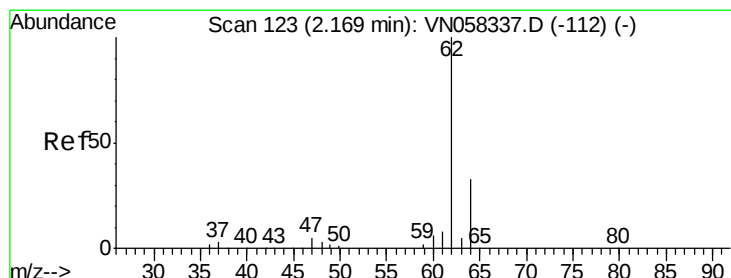
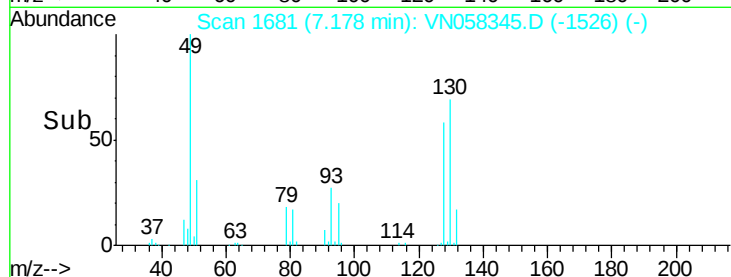
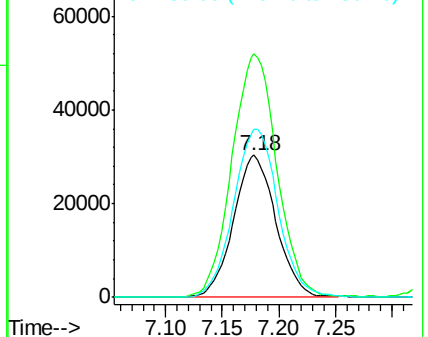
130 124.9 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#4

Vinyl Chloride

Concen: 24.799 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058345.D

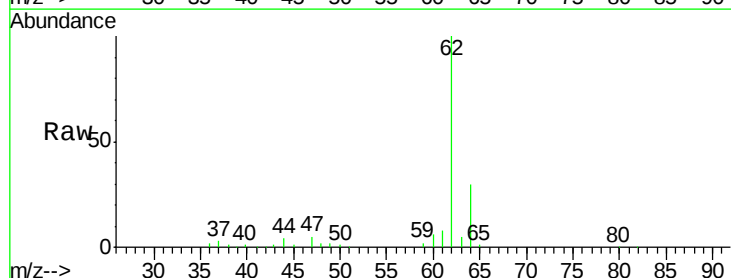
Acq: 24 Sep 2019 14:57

Tgt Ion: 62 Resp: 135834

Ion Ratio Lower Upper

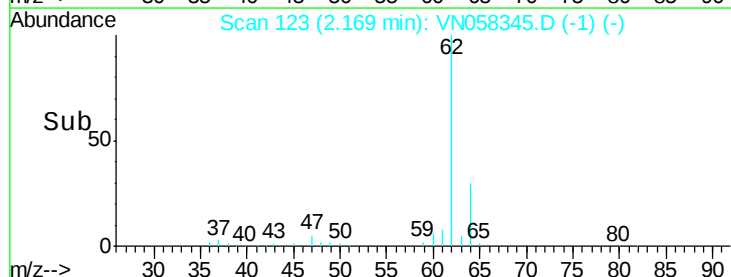
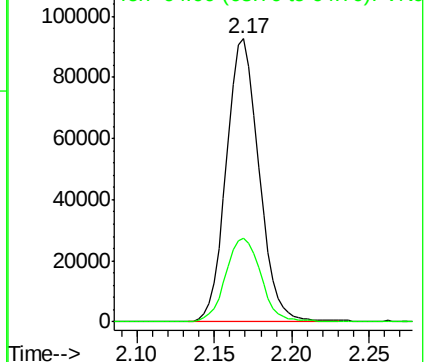
62 100

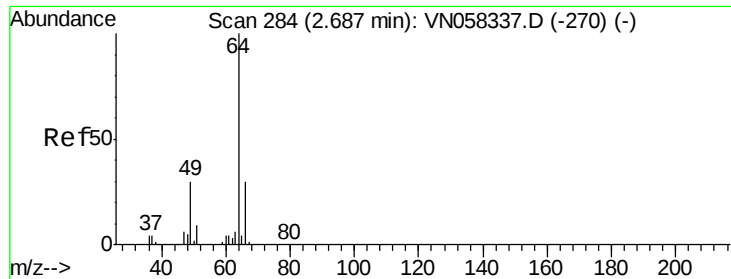
64 29.6 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO





#6

Chloroethane

Concen: 38.513 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

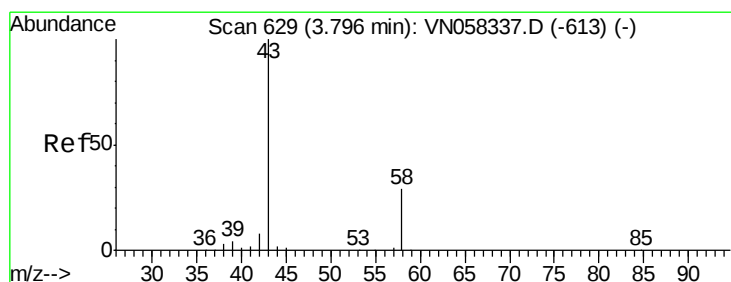
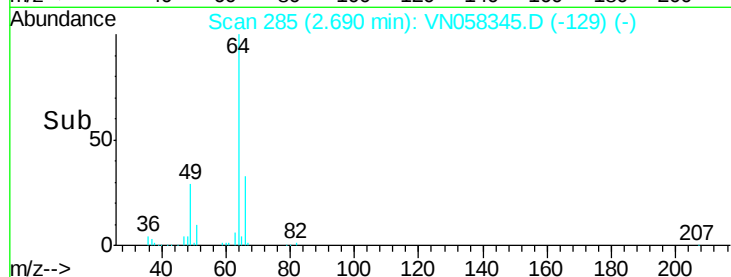
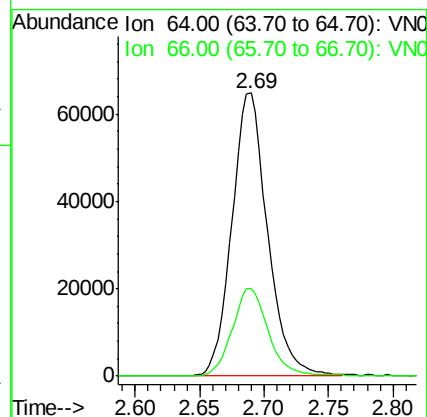
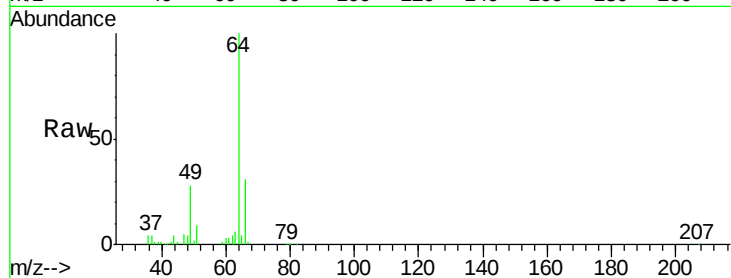
PT-VOA-WP

Tot Ion: 64 Resp: 124668

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6



#15

Acetone

Concen: 29.958 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058345.D

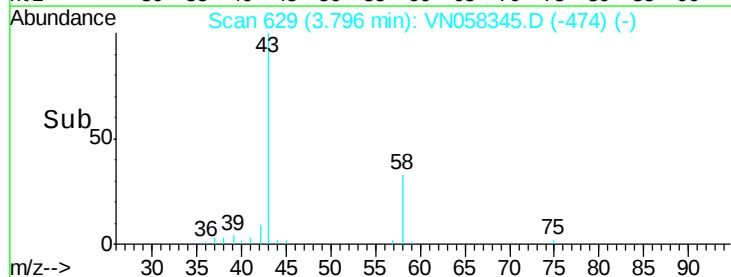
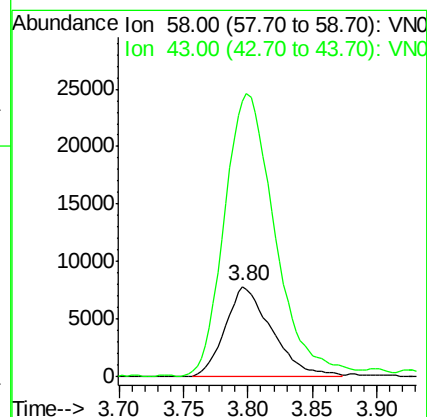
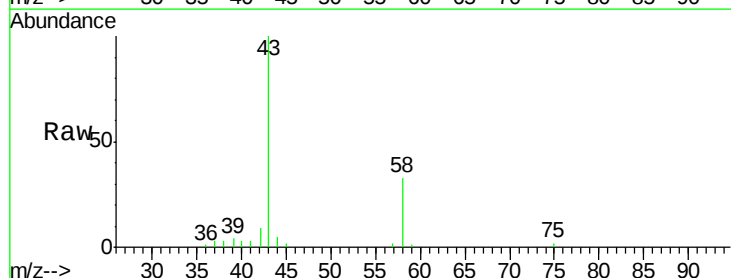
Acq: 24 Sep 2019 14:57

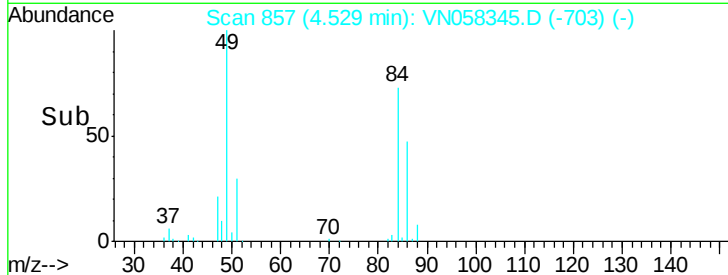
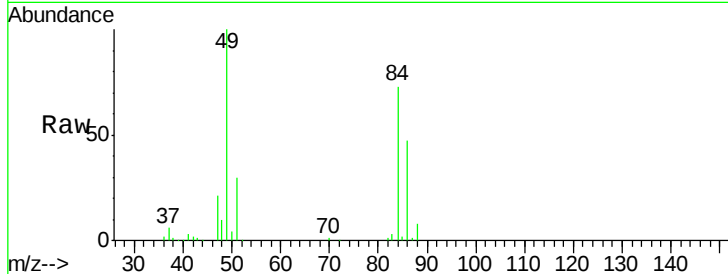
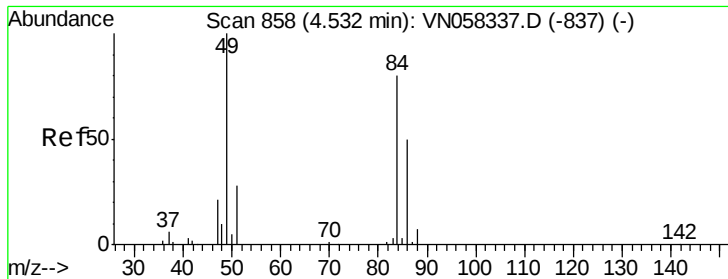
Tgt Ion: 58 Resp: 19825

Ion Ratio Lower Upper

58 100

43 298.8 272.6 409.0

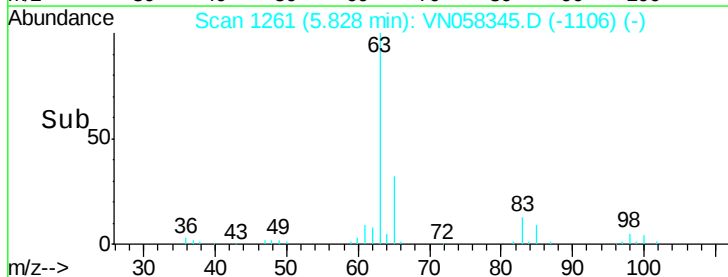
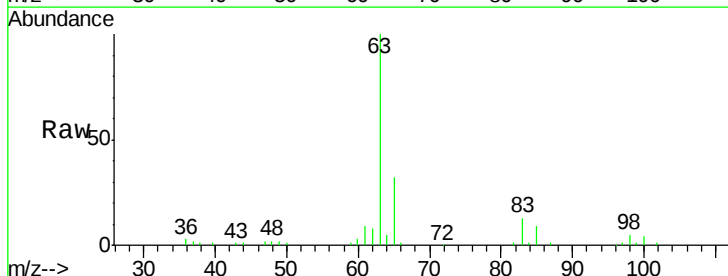
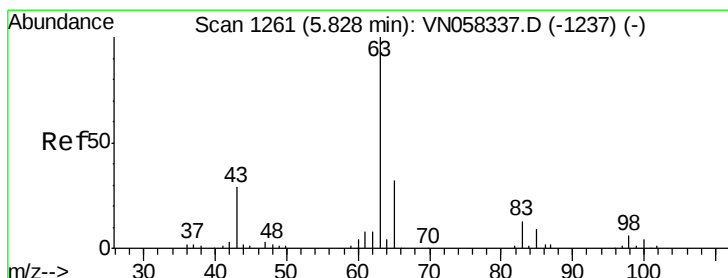
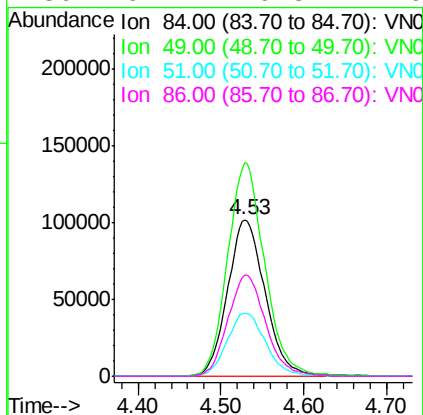




#18
Methvlene Chloride
Concen: 62.494 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN058345.D
Acq: 24 Sep 2019 14:57

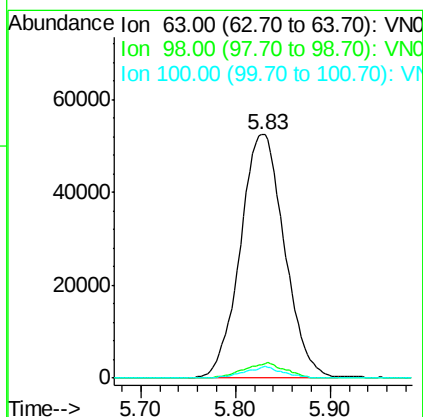
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

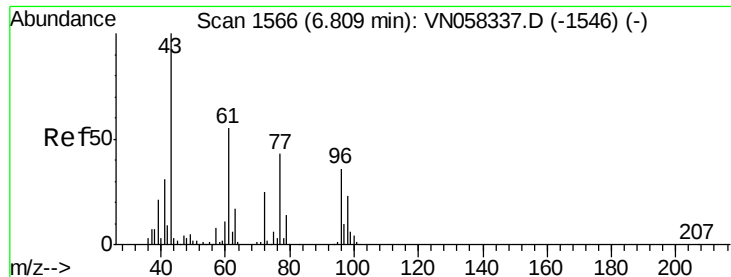
Tot Ion:	84	Resp:	319937
Ion	Ratio	Lower	Upper
84	100		
49	135.9	99.8	149.6
51	40.1	28.3	42.5
86	64.4	49.8	74.6



#21
1,1-Dichloroethane
Concen: 17.632 ug/l
RT: 5.83 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VN058345.D
Acq: 24 Sep 2019 14:57

Tgt Ion:	63	Resp:	170425
Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.0	9.2
100	4.4	2.1	6.5





#22

cis-1,2-Dichloroethene

Concen: 130.494 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

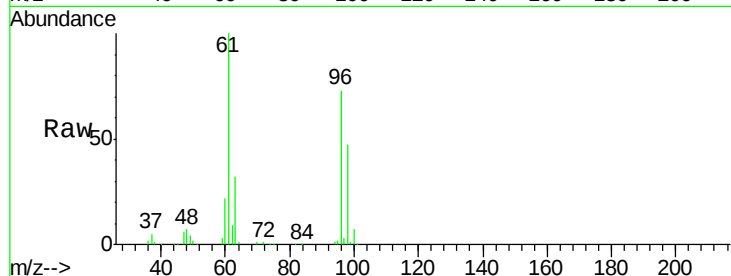
Tot Ion: 96 Resp: 737462

Ion Ratio Lower Upper

96 100

61 139.1 128.2 192.2

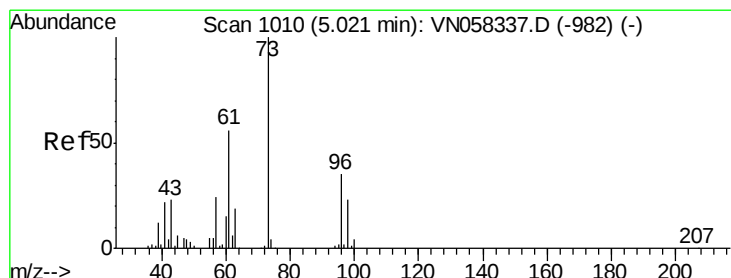
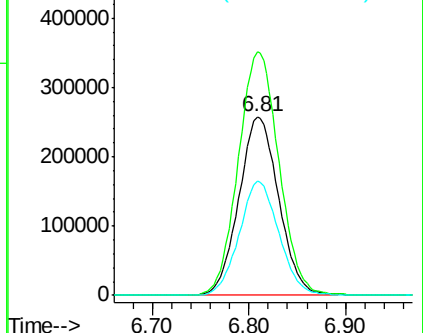
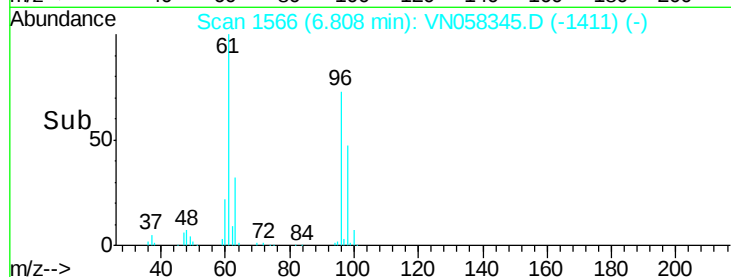
98 63.8 50.6 76.0



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 144.754 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN058345.D

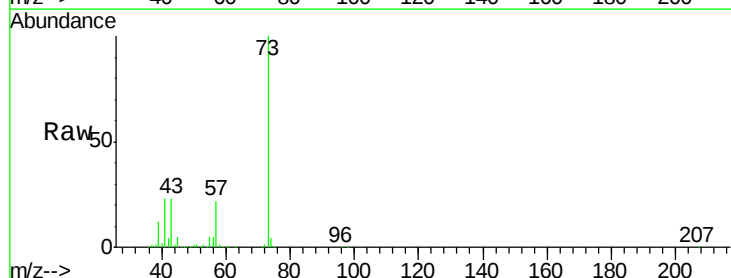
Acq: 24 Sep 2019 14:57

Tgt Ion: 73 Resp: 2254964

Ion Ratio Lower Upper

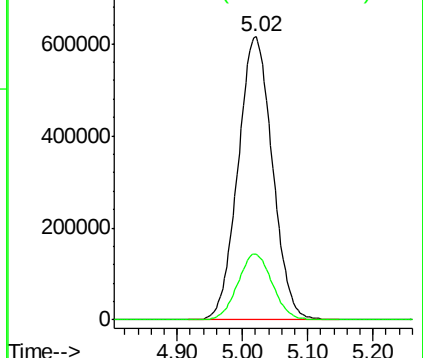
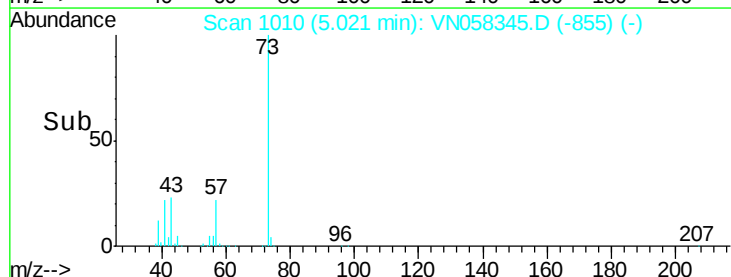
73 100

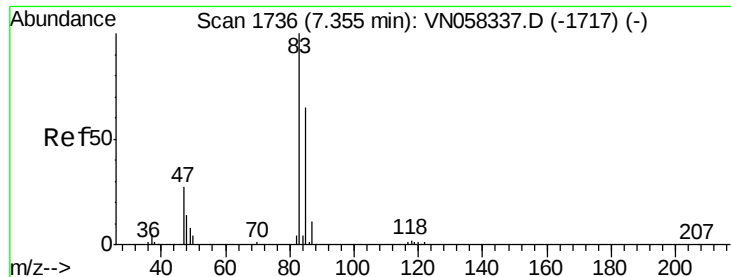
43 23.5 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 51.569 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

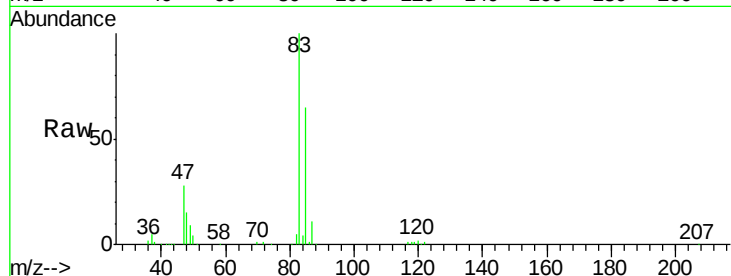
PT-VOA-WP

Tot Ion: 83 Resp: 504717

Ion Ratio Lower Upper

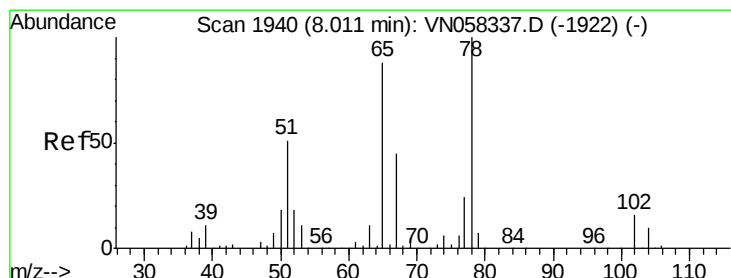
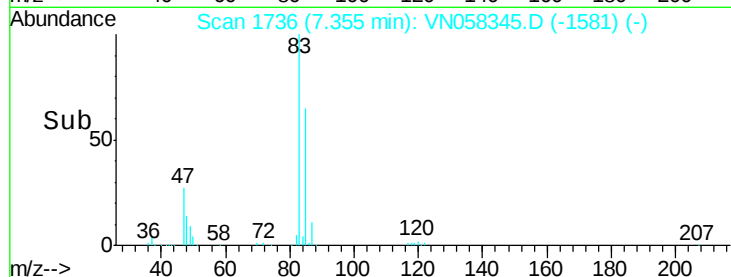
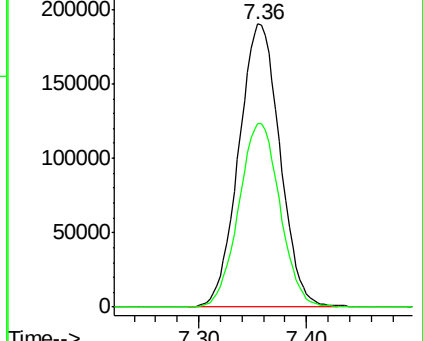
83 100

85 64.8 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#27

1,2-Dichloroethane-d4

Concen: 29.964 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058345.D

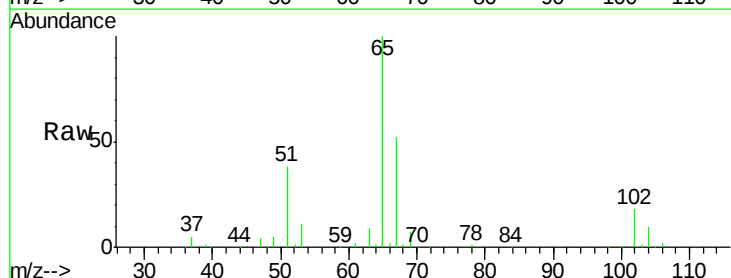
Acq: 24 Sep 2019 14:57

Tgt Ion: 65 Resp: 209397

Ion Ratio Lower Upper

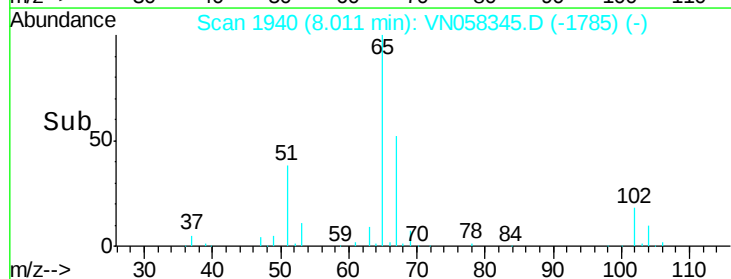
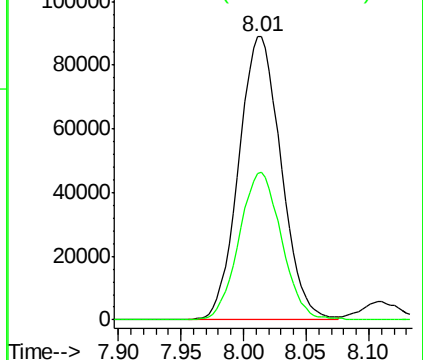
65 100

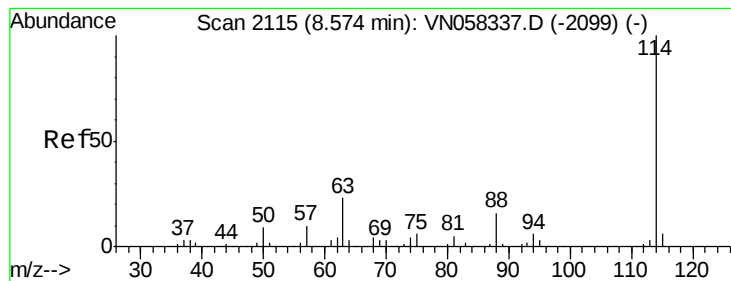
67 52.2 40.4 60.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

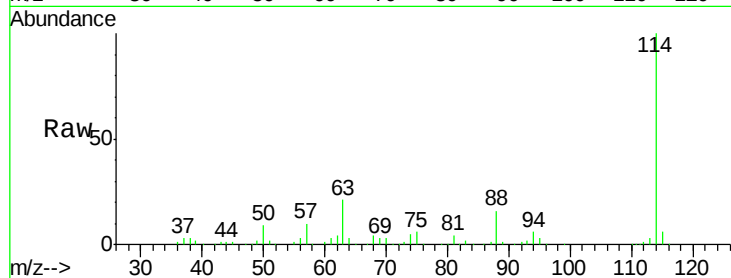
Tot Ion:114 Resp: 464608

Ion Ratio Lower Upper

114 100

63 22.2 17.8 26.8

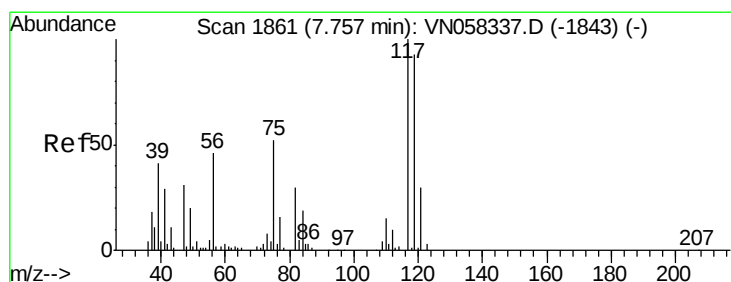
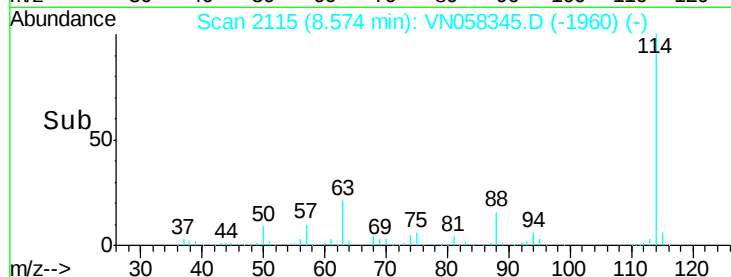
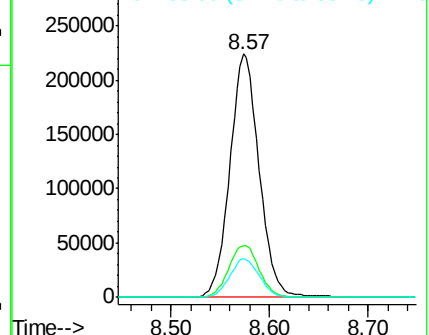
88 16.0 12.7 19.1



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#33

Carbon Tetrachloride

Concen: 92.024 ug/l

RT: 7.76 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

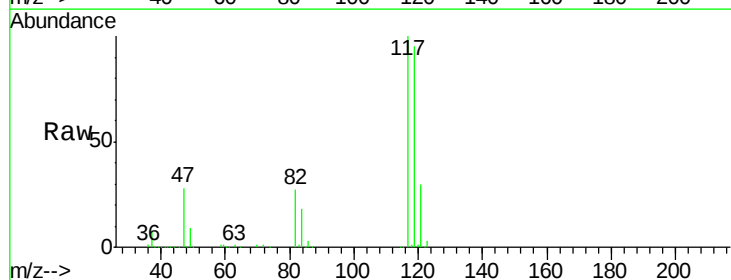
Tgt Ion:117 Resp: 639537

Ion Ratio Lower Upper

117 100

119 94.6 74.2 111.4

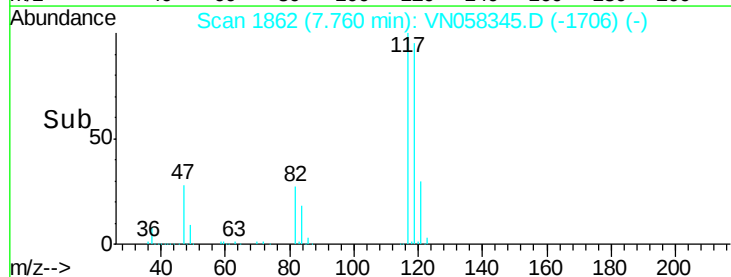
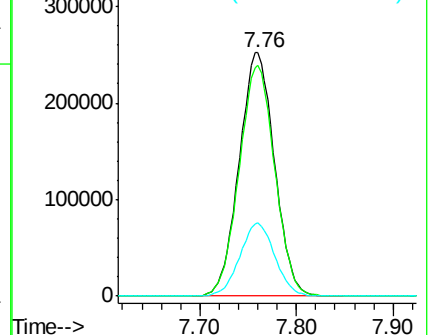
121 29.9 23.9 35.9

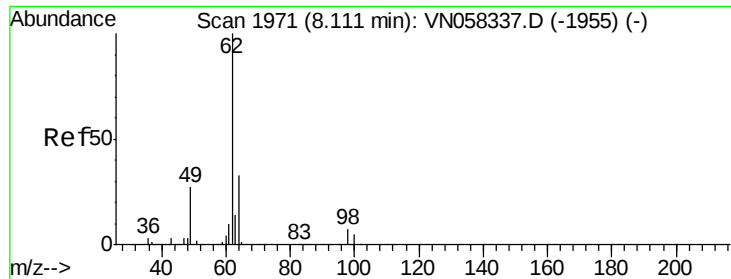


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#36

1,2-Dichloroethane

Concen: 37.765 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

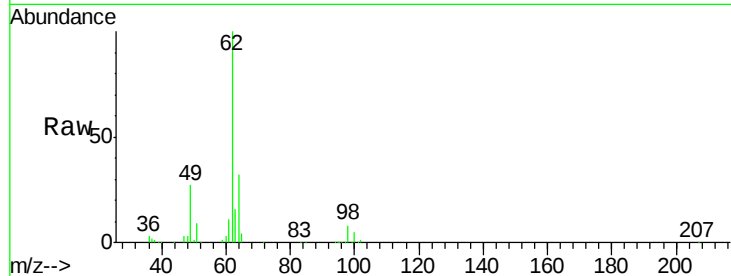
PT-VOA-WP

Tot Ion: 62 Resp: 318271

Ion Ratio Lower Upper

62 100

98 7.9 6.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VN058337.D (-1955) (-)

Ion 98.00 (97.70 to 98.70): VN058337.D (-1955) (-)

8.11

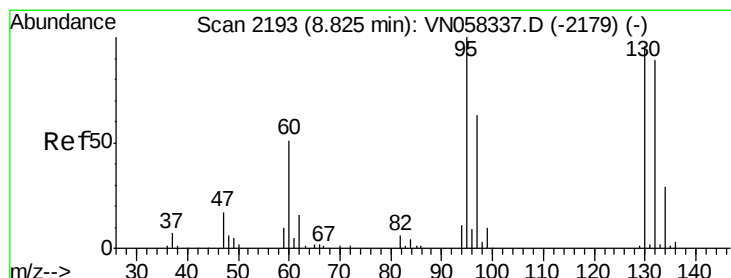
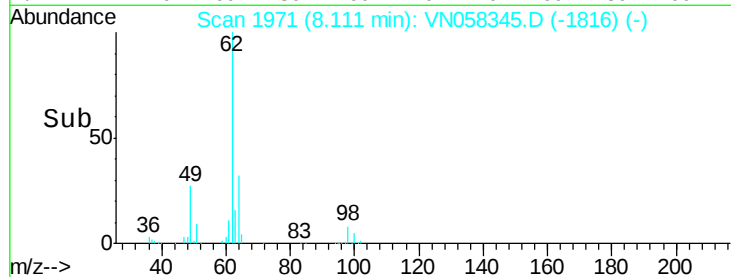
150000

100000

50000

0

Time--> 8.00 8.10 8.20



#37

Trichloroethene

Concen: 72.172 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058345.D

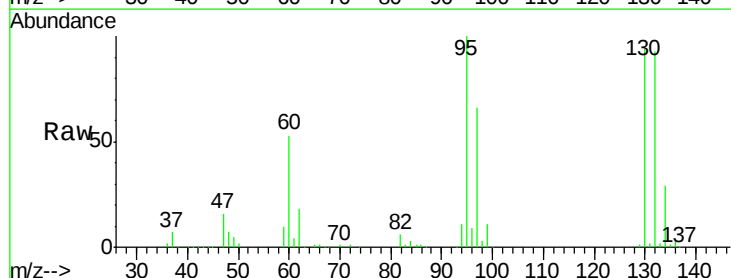
Acq: 24 Sep 2019 14:57

Tgt Ion: 130 Resp: 388720

Ion Ratio Lower Upper

130 100

95 106.3 83.3 124.9



Abundance Ion 129.90 (129.60 to 130.60): VN058337.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN058337.D (-2179) (-)

8.82

200000

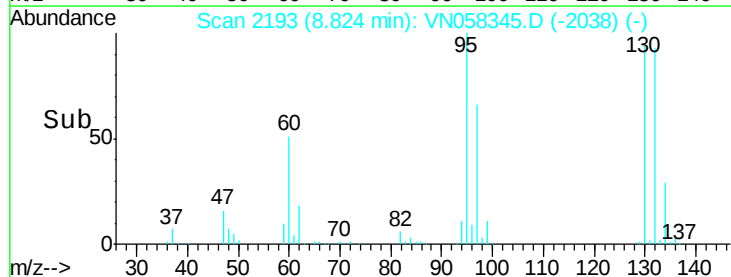
150000

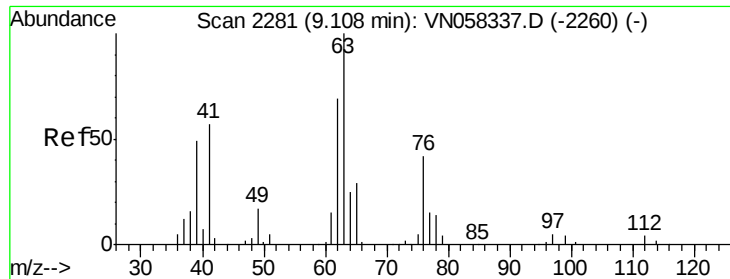
100000

50000

0

Time--> 8.75 8.80 8.85 8.90

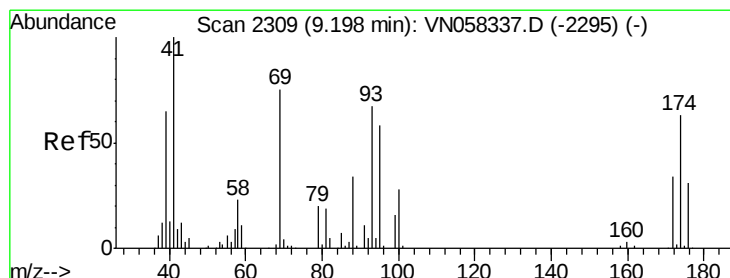
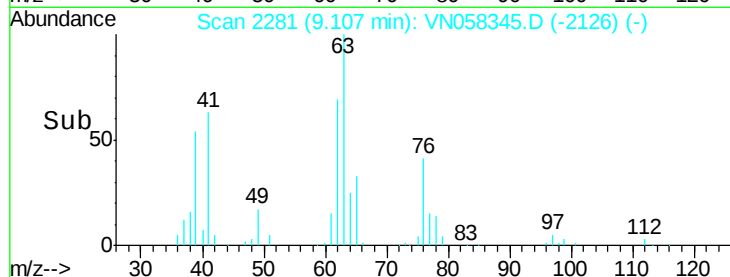
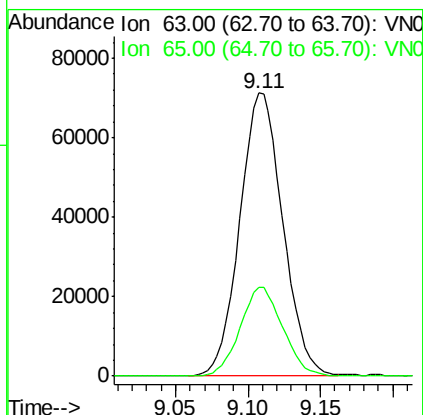
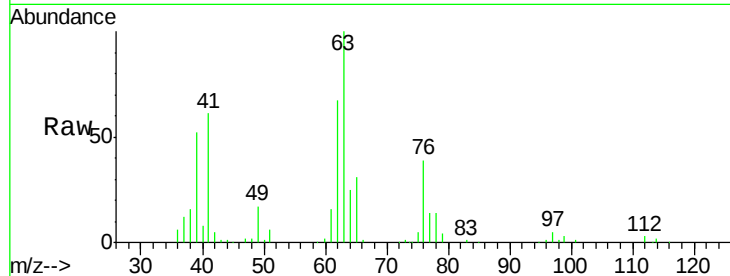




#39
 1,2-Dichloropropane
 Concen: 25.045 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

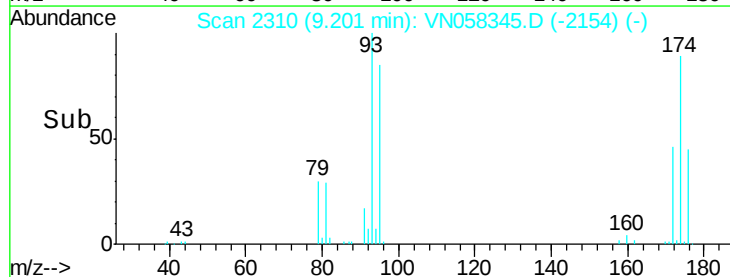
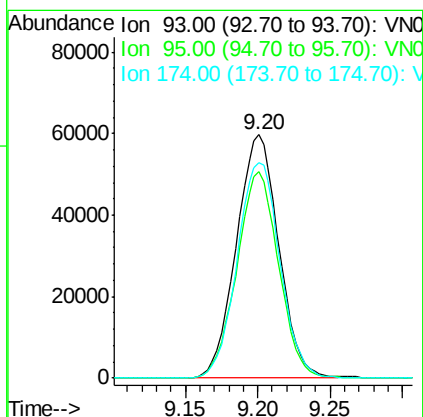
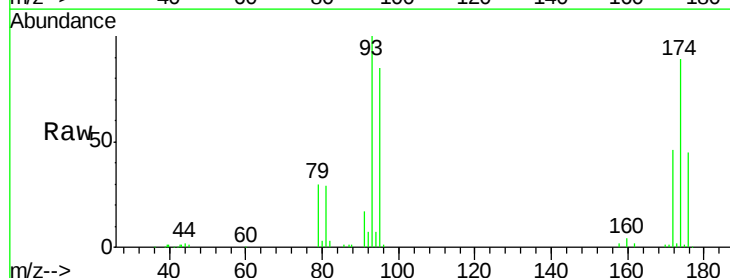
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

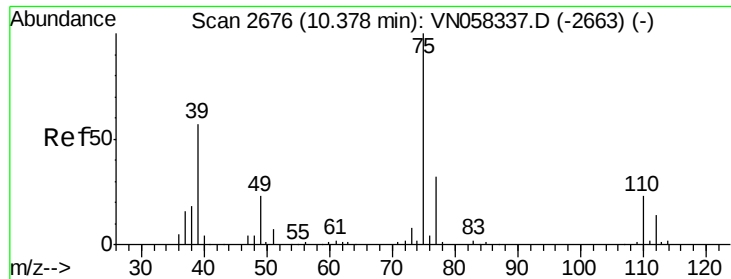
Tot Ion: 63 Resp: 146974
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.4 35.0



#40
 Dibromomethane
 Concen: 32.786 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

Tgt Ion: 93 Resp: 121431
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 166.8
 174 89.6 0.0 187.2

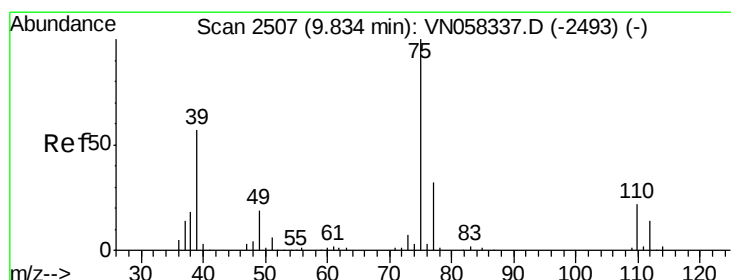
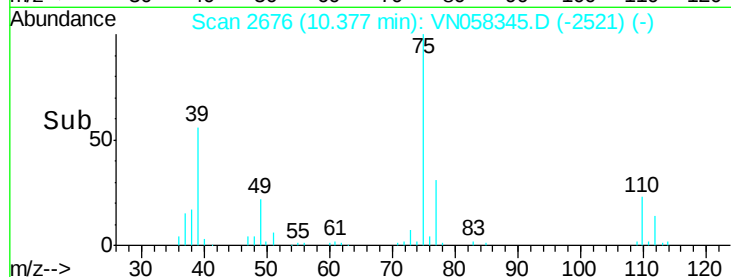
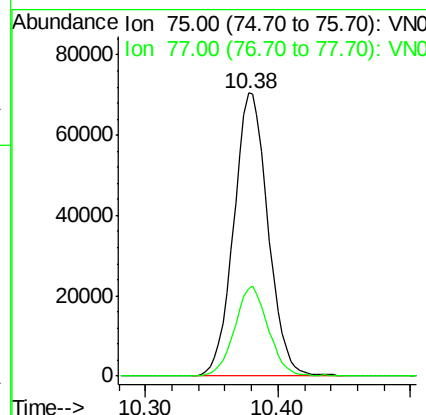
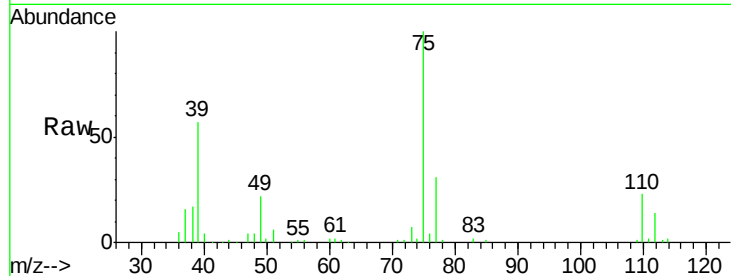




#48
 t-1,3-Dichloropropene
 Concen: 15.783 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

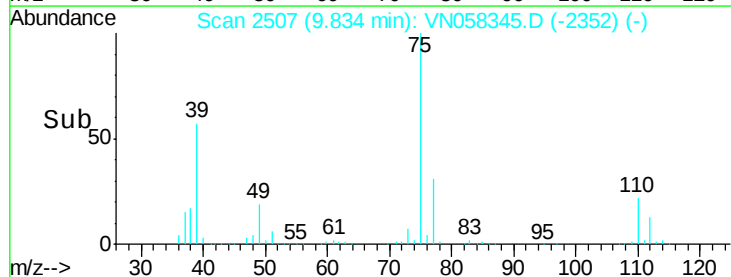
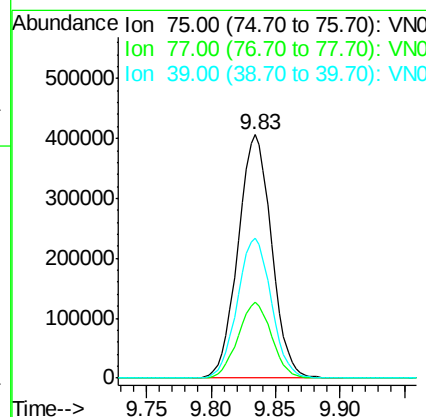
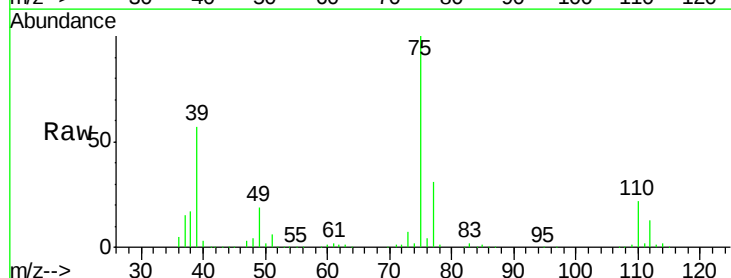
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

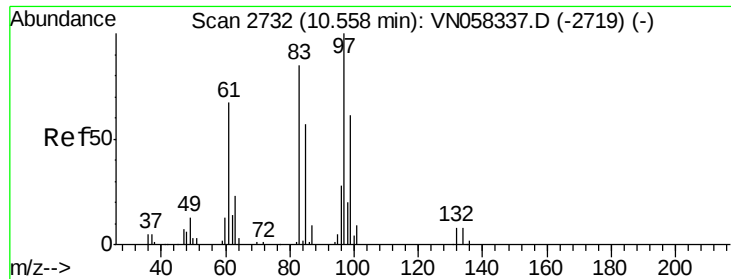
Tot Ion: 75 Resp: 126251
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#49
 cis-1,3-Dichloropropene
 Concen: 82.540 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

Tgt Ion: 75 Resp: 735135
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8
 39 57.2 45.8 68.6

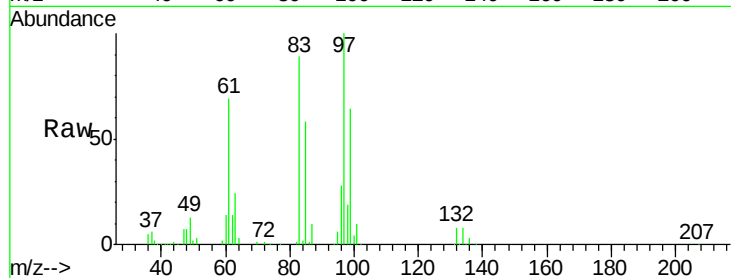




#50
 1,1,2-Trichloroethane
 Concen: 35.819 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

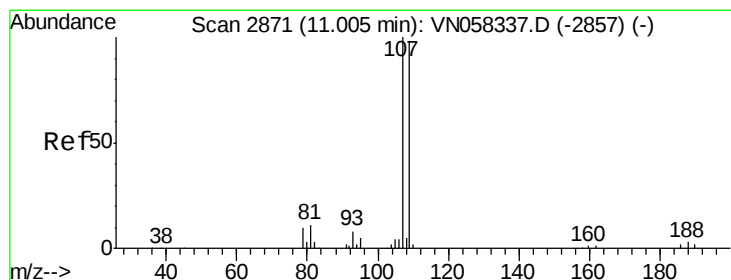
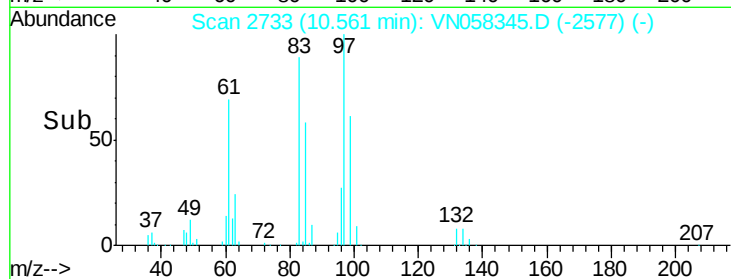
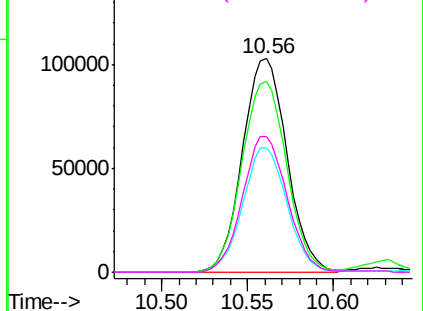
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Tot Ion: 97 Resp: 185407
 Ion Ratio Lower Upper
 97 100
 83 89.3 67.8 101.6
 85 58.2 45.8 68.6
 99 63.7 48.6 72.8



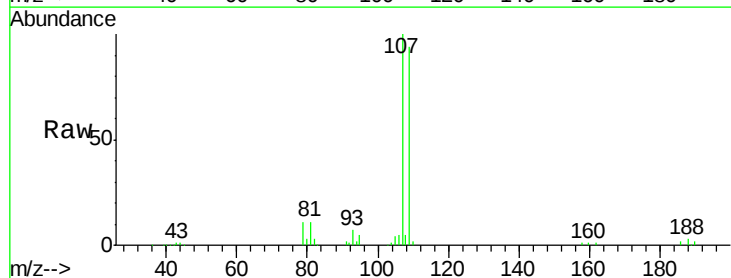
Abundance Ion 97.00 (96.70 to 97.70): VN058345.D (-2577) (-)

Ion 82.95 (82.65 to 83.65): VN058345.D (-2577) (-)
 Ion 84.95 (84.65 to 85.65): VN058345.D (-2577) (-)
 Ion 98.95 (98.65 to 99.65): VN058345.D (-2577) (-)



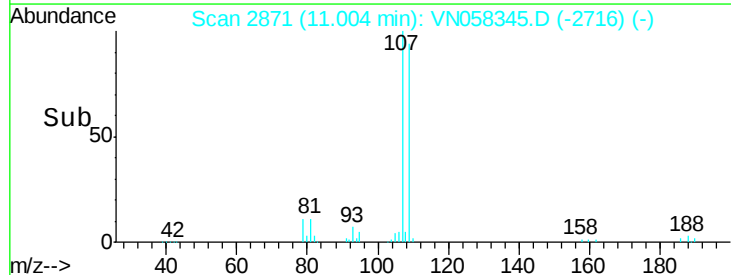
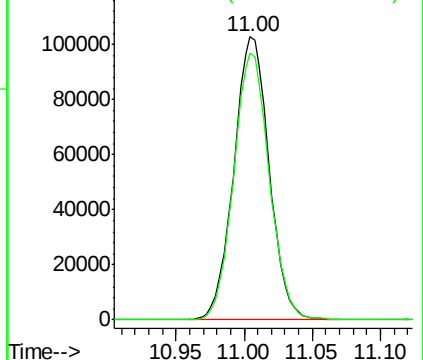
#54
 1,2-Dibromoethane
 Concen: 34.978 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

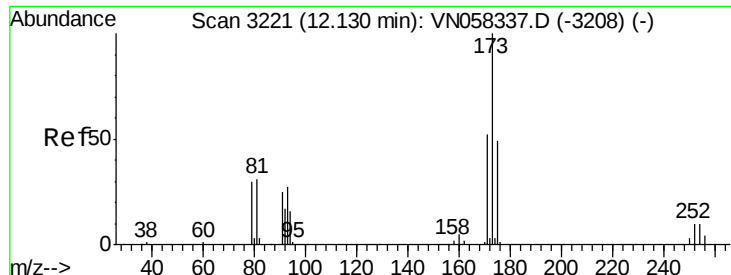
Tgt Ion: 107 Resp: 184766
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): VN058345.D (-2716) (-)

Ion 109.00 (108.70 to 109.70): VN058345.D (-2716) (-)





#56

Bromoform

Concen: 86.974 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

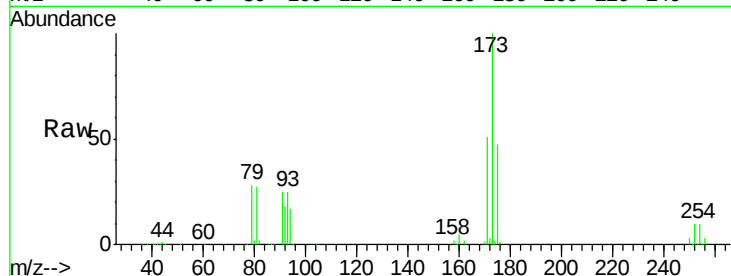
Tot Ion:173 Resp: 285279

Ion Ratio Lower Upper

173 100

175 48.3 38.8 58.2

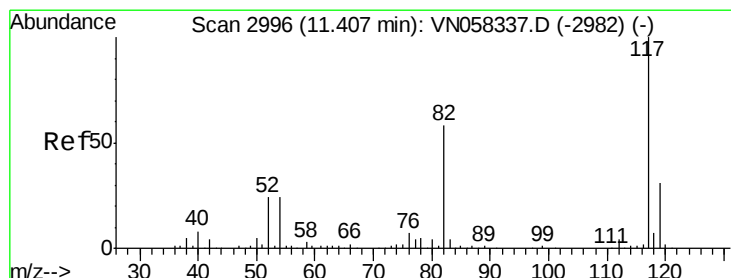
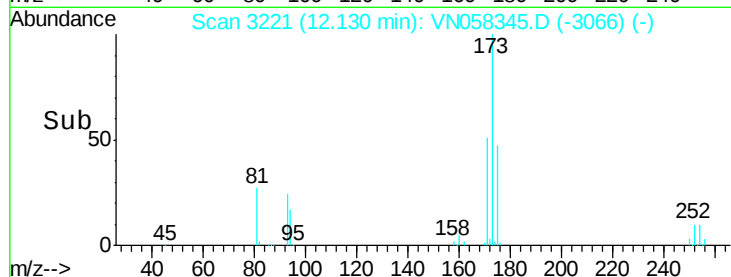
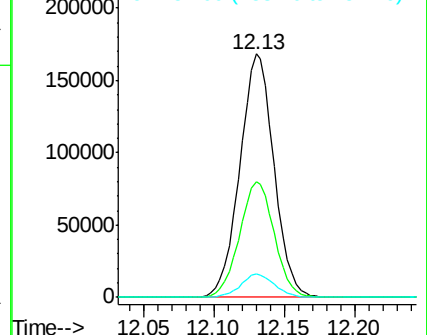
254 9.4 7.8 11.8



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

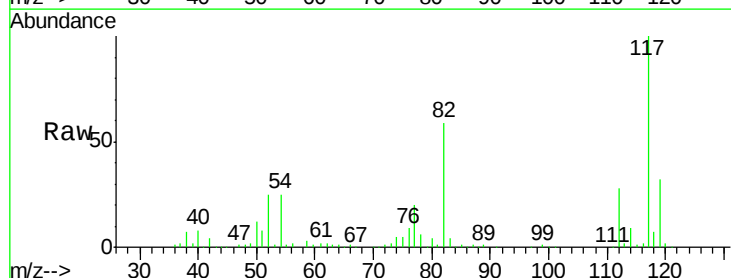
Tgt Ion:117 Resp: 411161

Ion Ratio Lower Upper

117 100

82 59.2 46.4 69.6

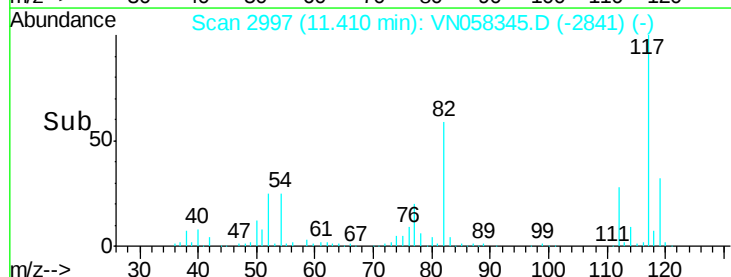
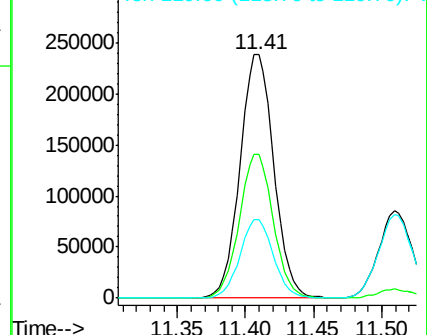
119 31.9 25.1 37.7

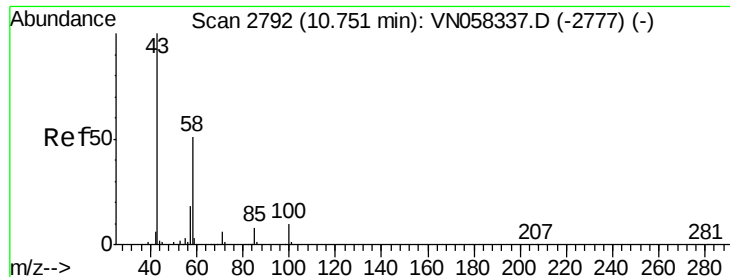


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

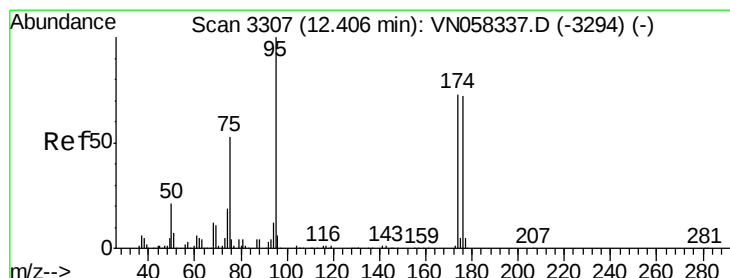
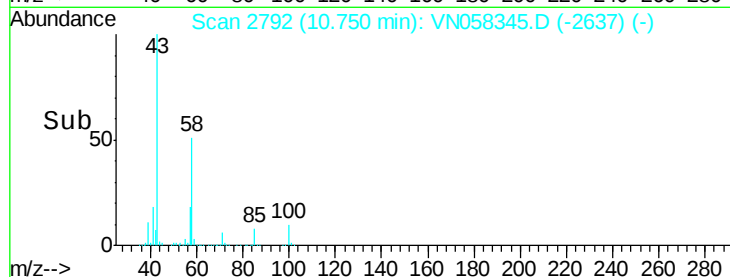
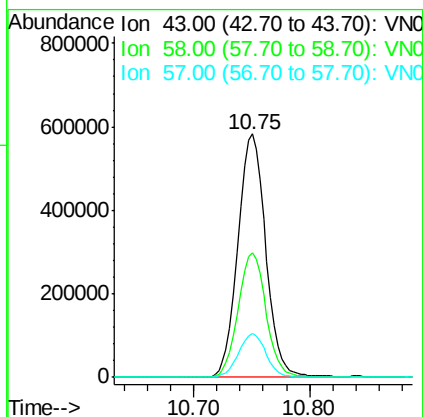
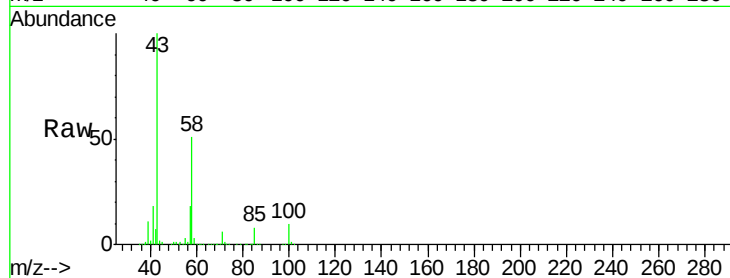




#59
2-Hexanone
Concen: 198.864 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058345.D
Acq: 24 Sep 2019 14:57

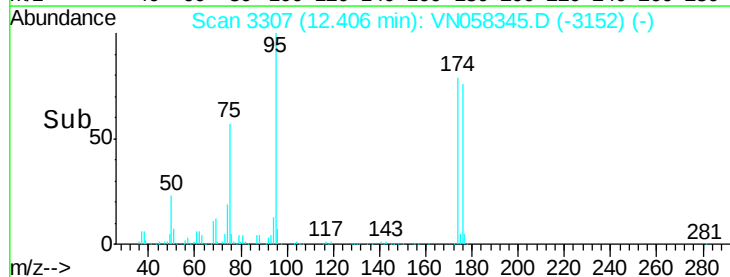
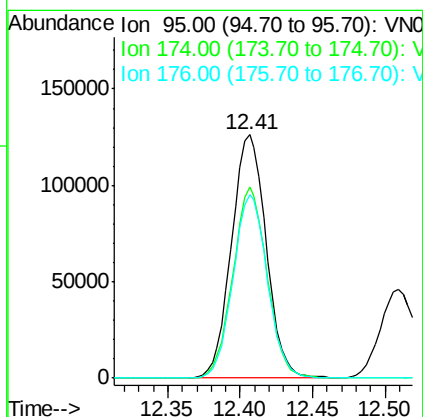
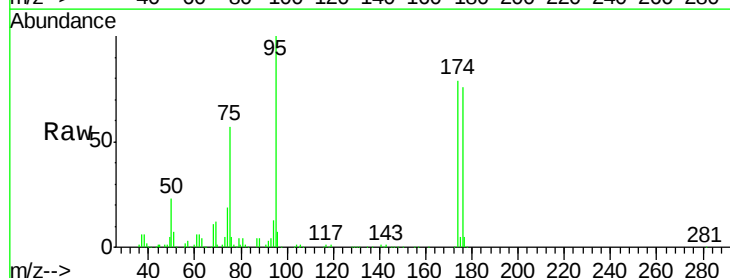
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

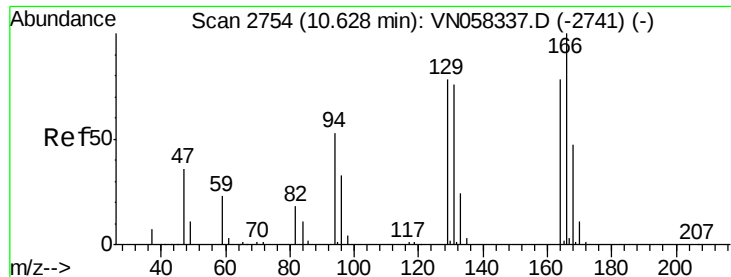
Tot Ion: 43 Resp: 968544
Ion Ratio Lower Upper
43 100
58 51.3 40.7 61.1
57 17.9 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.554 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058345.D
Acq: 24 Sep 2019 14:57

Tgt Ion: 95 Resp: 210258
Ion Ratio Lower Upper
95 100
174 77.2 59.0 88.6
176 74.5 58.2 87.2





#61

Tetrachloroethene

Concen: 88.845 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

Tot Ion:164 Resp: 382704

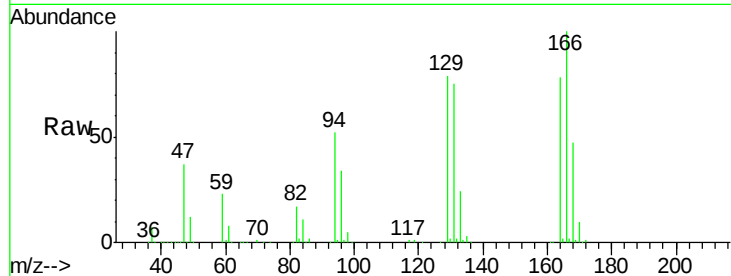
Ion Ratio Lower Upper

164 100

166 127.8 102.6 154.0

129 100.7 79.8 119.6

131 95.5 78.1 117.1

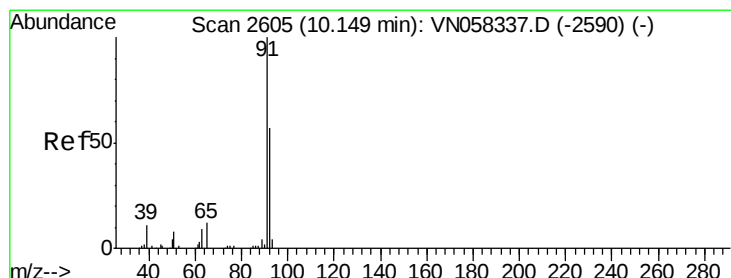
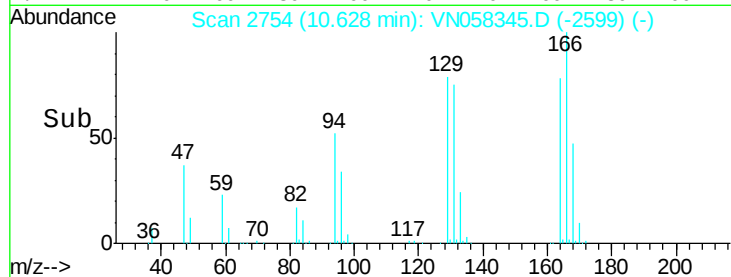
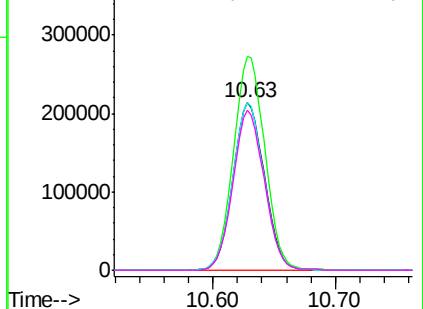


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 31.405 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058345.D

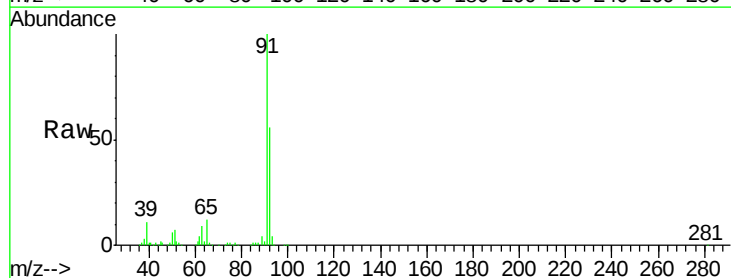
Acq: 24 Sep 2019 14:57

Tgt Ion: 91 Resp: 707182

Ion Ratio Lower Upper

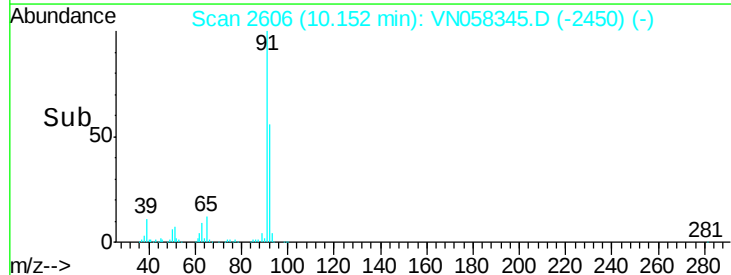
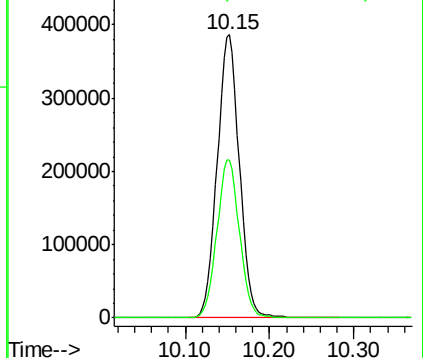
91 100

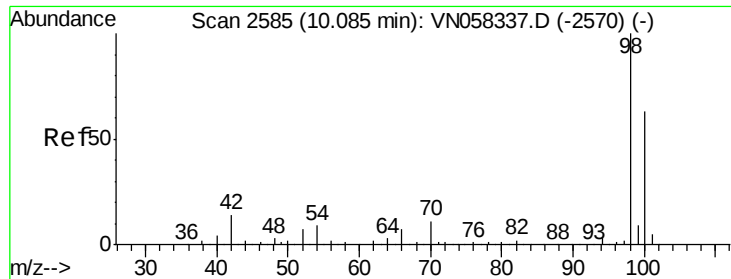
92 56.6 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.793 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampled :

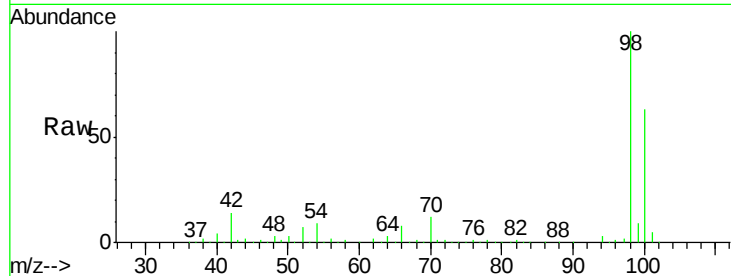
PT-VOA-WP

Tot Ion: 98 Resp: 584615

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN058337.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN058337.D (-2570) (-)

10.08

300000

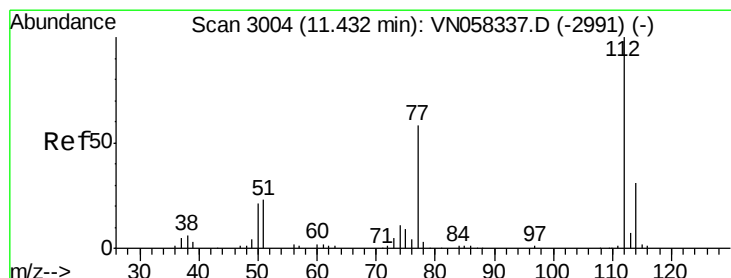
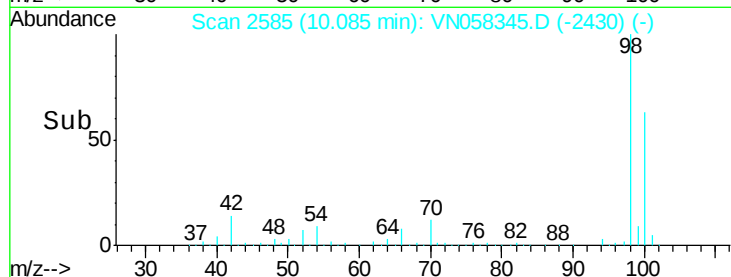
200000

100000

0

Time-->

10.00 10.05 10.10 10.15



#64

Chlorobenzene

Concen: 82.874 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN058345.D

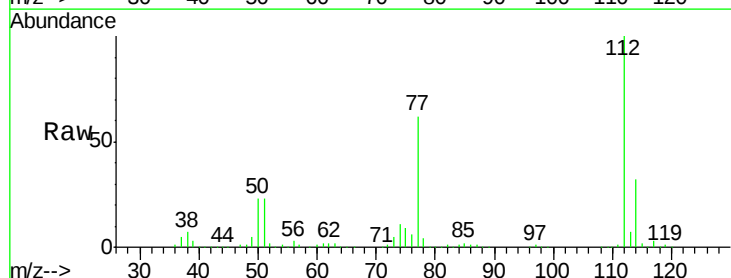
Acq: 24 Sep 2019 14:57

Tgt Ion: 112 Resp: 1146805

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN058337.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN058337.D (-2991) (-)

11.44

600000

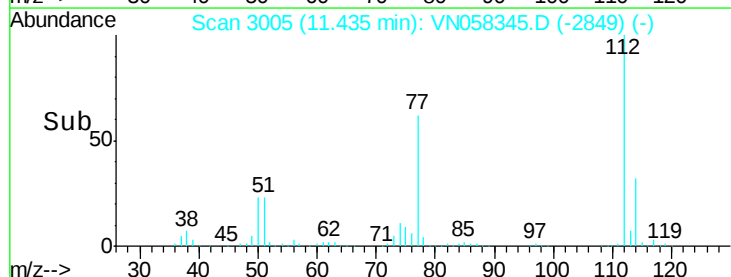
400000

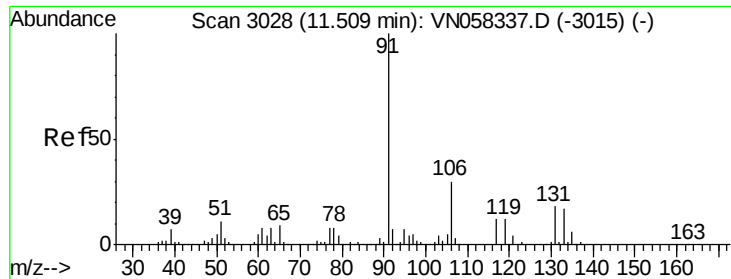
200000

0

Time-->

11.40 11.50





#65

1,1,1,2-Tetrachloroethane

Concen: 43.010 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

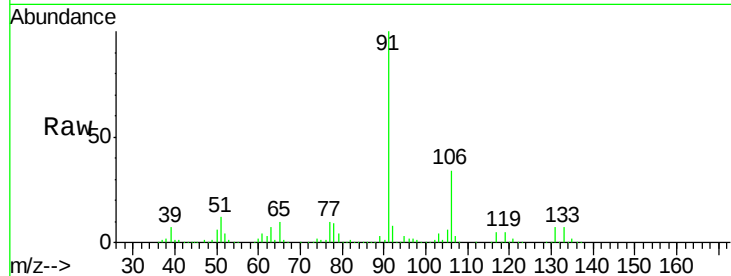
Tot Ion:131 Resp: 208644

Ion Ratio Lower Upper

131 100

133 94.9 0.0 191.8

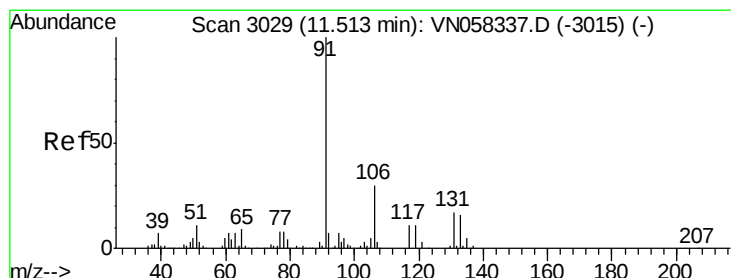
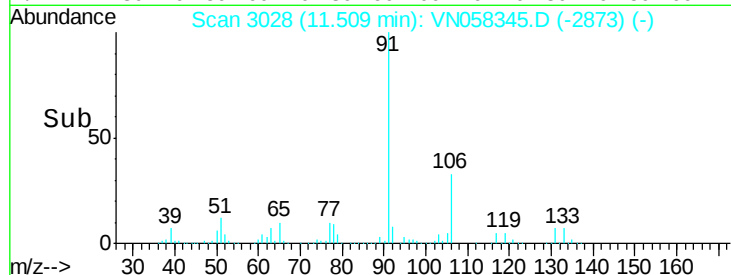
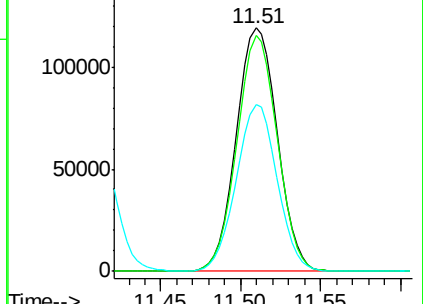
119 68.1 0.0 134.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 116.809 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058345.D

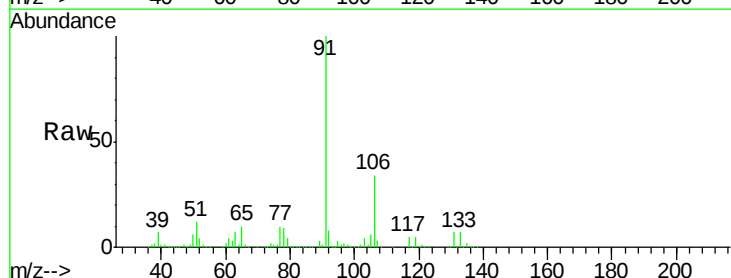
Acq: 24 Sep 2019 14:57

Tgt Ion: 91 Resp: 2868144

Ion Ratio Lower Upper

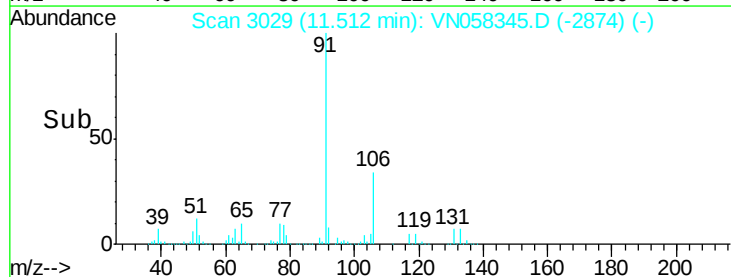
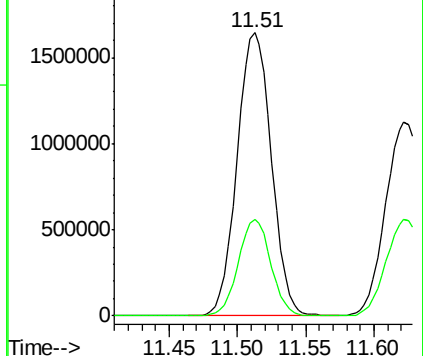
91 100

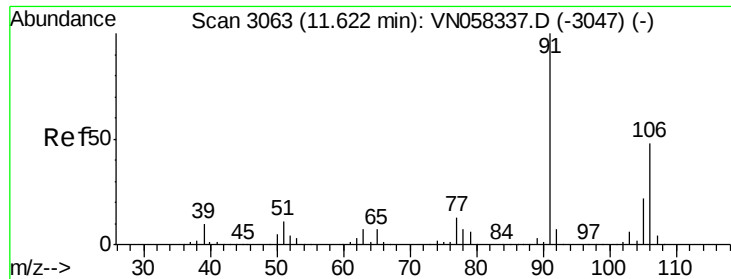
106 34.1 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

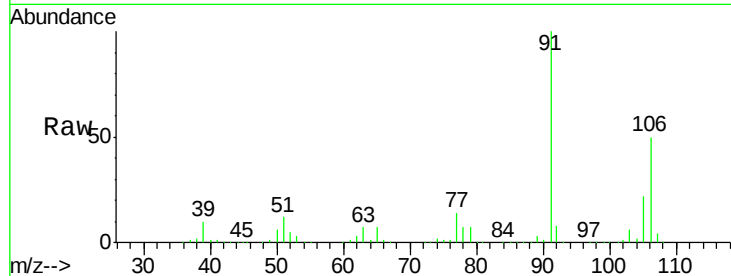




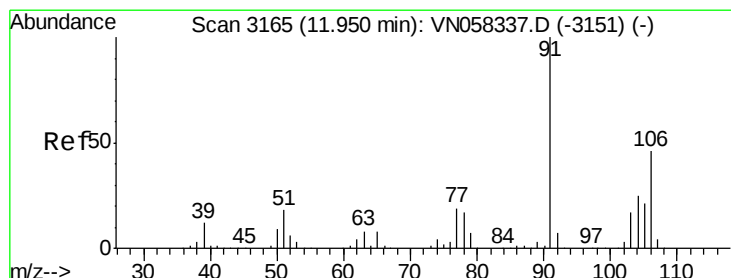
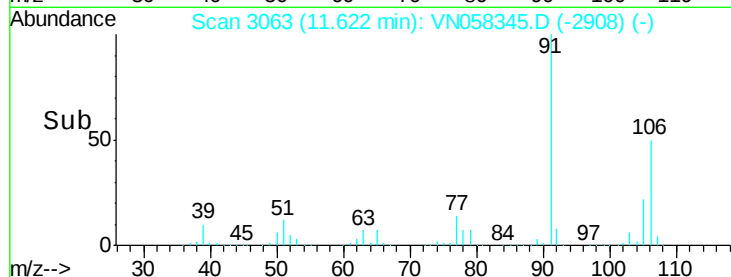
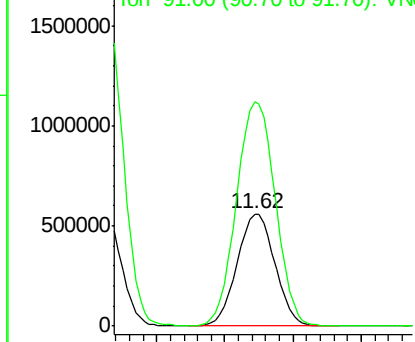
#67
m/p-Xylenes
Concen: 114.031 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058345.D
Acq: 24 Sep 2019 14:57

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tot Ion:106 Resp: 1074954
Ion Ratio Lower Upper
106 100
91 206.4 167.8 251.6

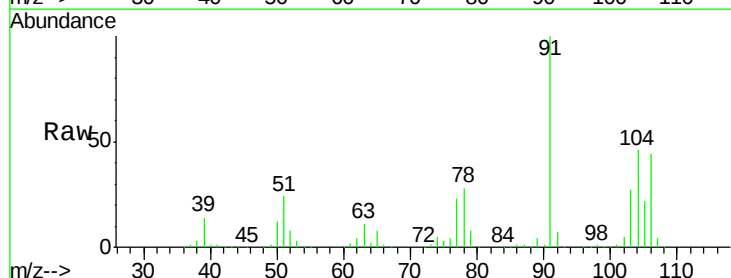


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

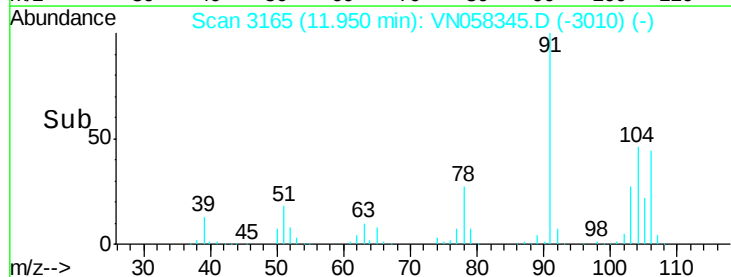
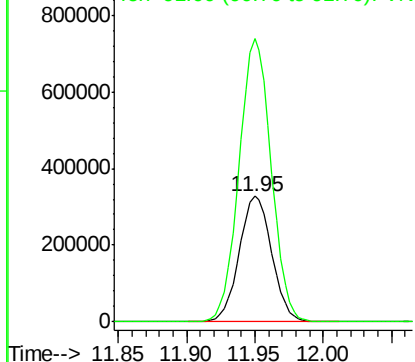


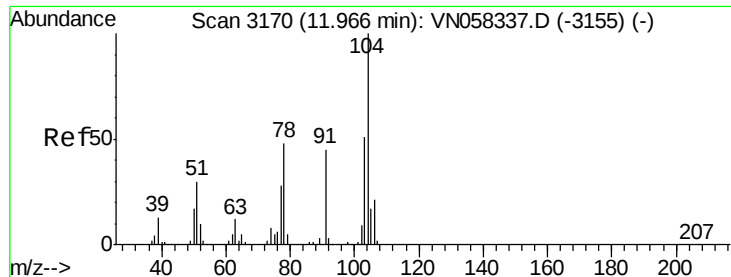
#68
o-Xylene
Concen: 59.162 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058345.D
Acq: 24 Sep 2019 14:57

Tgt Ion:106 Resp: 542304
Ion Ratio Lower Upper
106 100
91 222.6 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

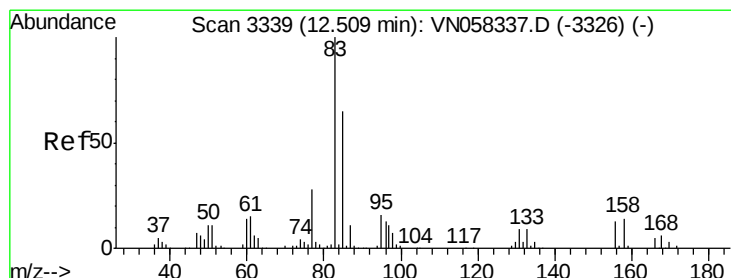
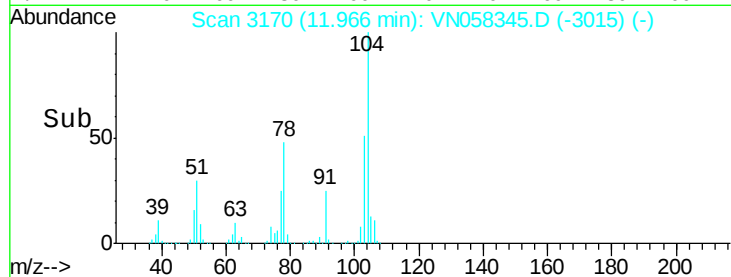
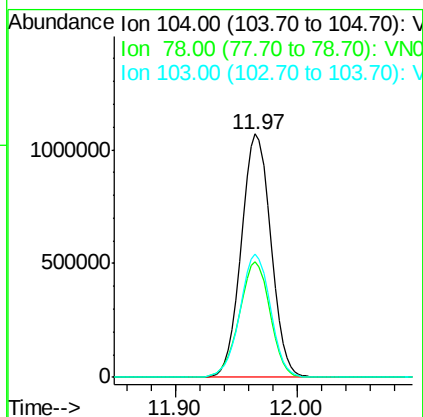
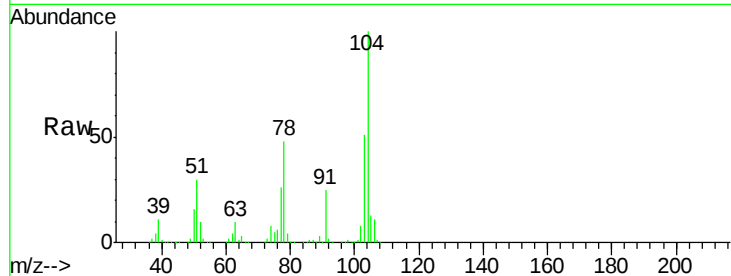




#69
 Stvrene
 Concen: 116.497 ug/l
 RT: 11.97 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

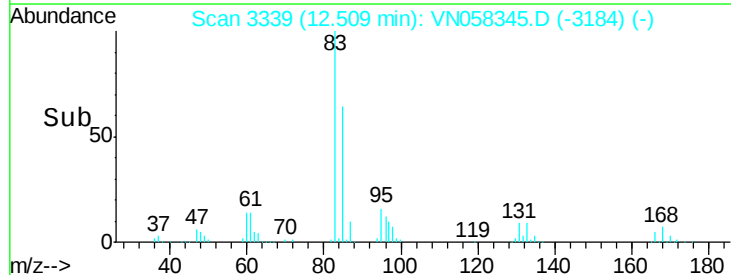
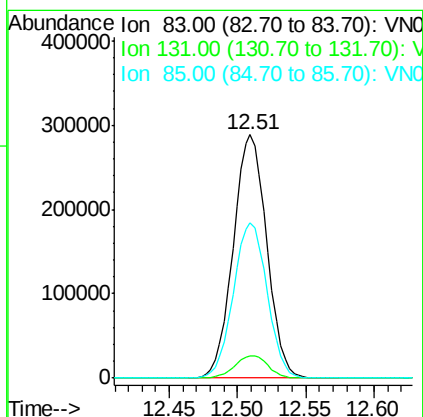
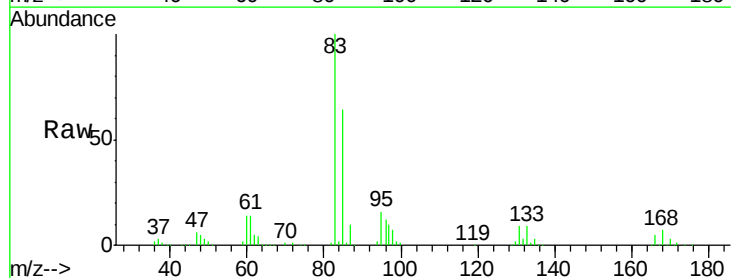
Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

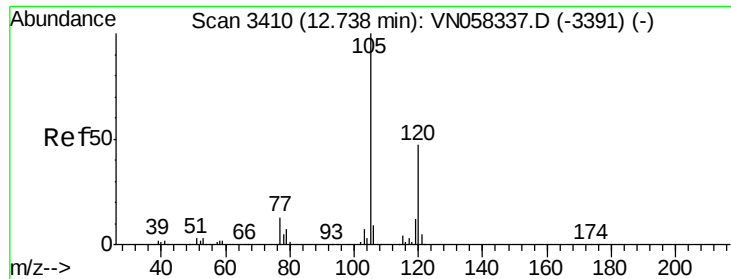
Tot Ion:104 Resp: 1785745
 Ion Ratio Lower Upper
 104 100
 78 49.4 42.3 63.5
 103 52.3 44.1 66.1



#71
 1,1,2,2-Tetrachloroethane
 Concen: 65.066 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

Tgt Ion: 83 Resp: 491234
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 64.3 32.6 97.7





#76

1,3,5-Trimethylbenzene

Concen: 104.321 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampled :

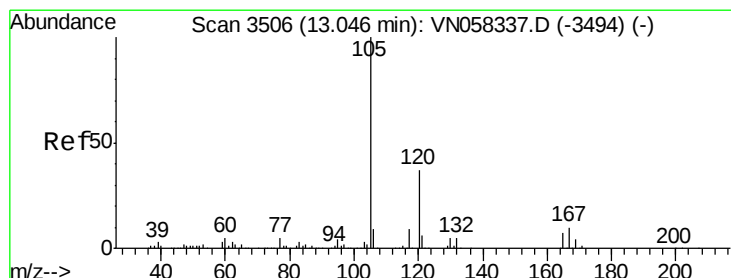
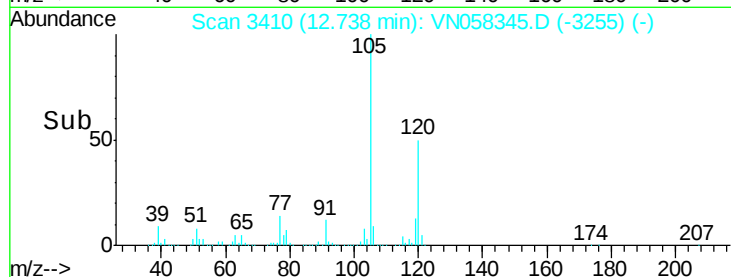
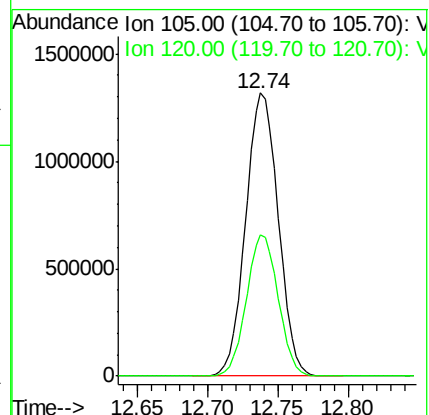
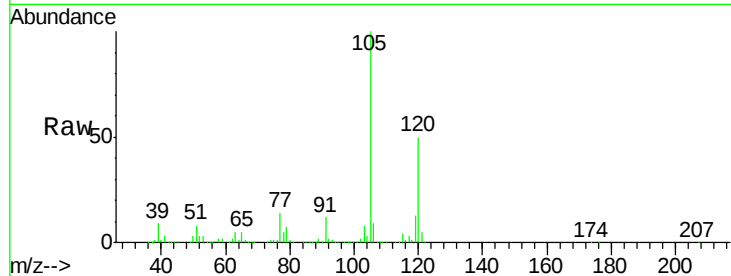
PT-VOA-WP

Tot Ion:105 Resp: 2133771

Ion Ratio Lower Upper

105 100

120 48.6 0.0 94.4



#80

1,2,4-Trimethylbenzene

Concen: 47.137 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN058345.D

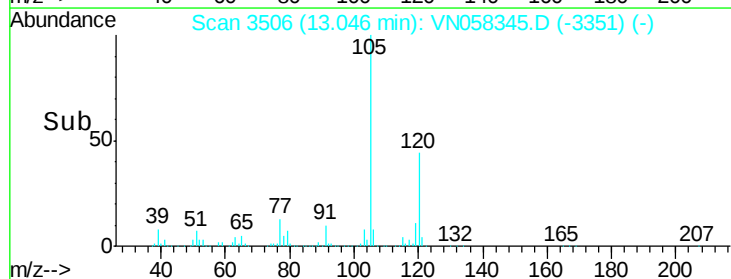
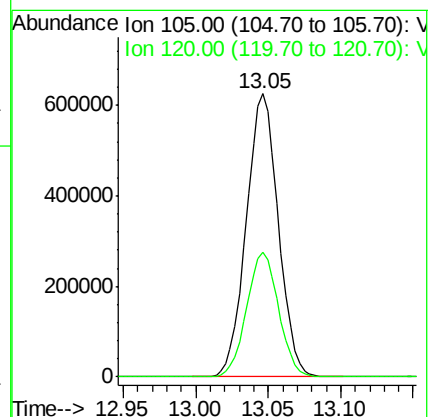
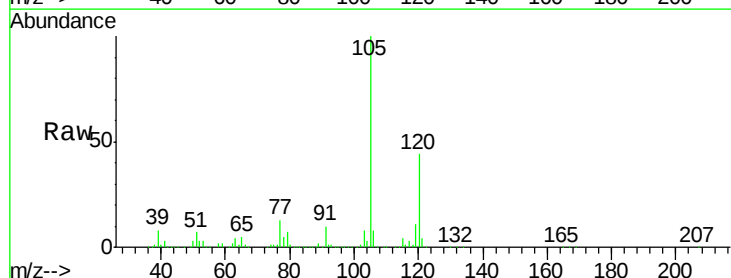
Acq: 24 Sep 2019 14:57

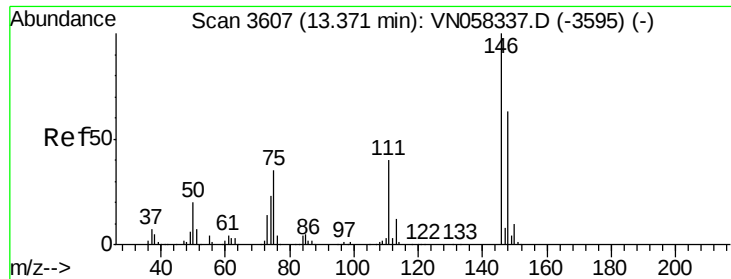
Tgt Ion:105 Resp: 962369

Ion Ratio Lower Upper

105 100

120 43.8 0.0 86.6





#84

1,4-Dichlorobenzene

Concen: 108.750 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

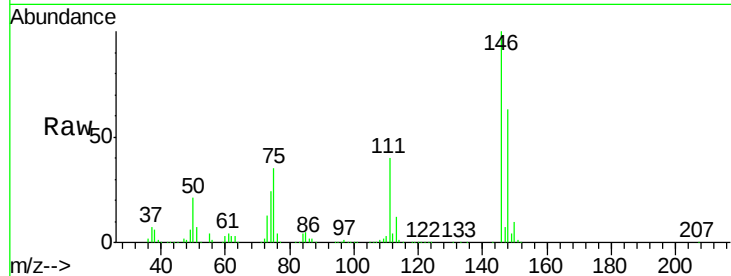
Tot Ion:146 Resp: 1148948

Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.3

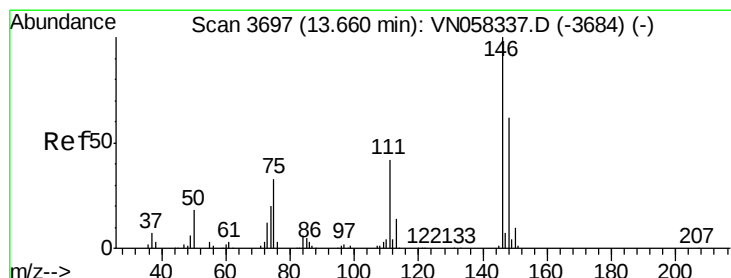
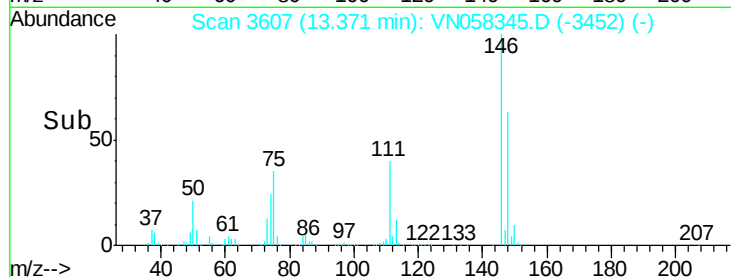
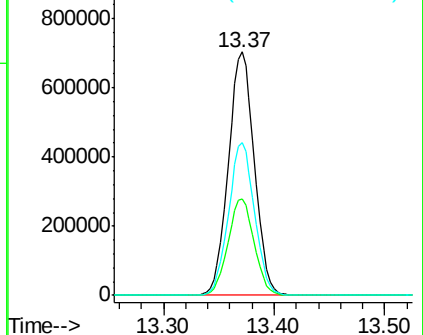
148 62.6 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#87

1,2-Dichlorobenzene

Concen: 56.132 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

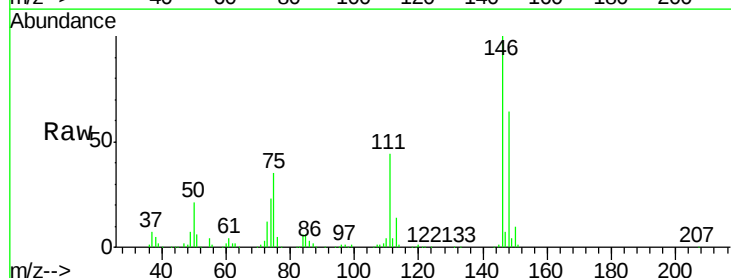
Tgt Ion:146 Resp: 581834

Ion Ratio Lower Upper

146 100

111 43.5 21.1 63.3

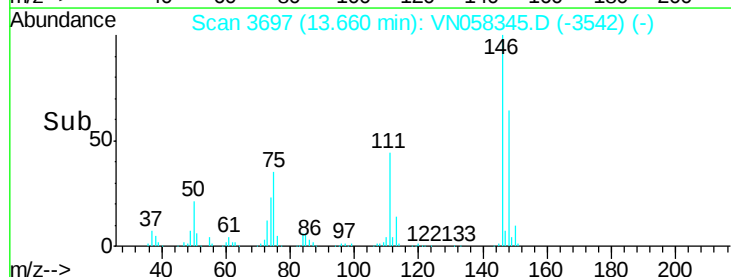
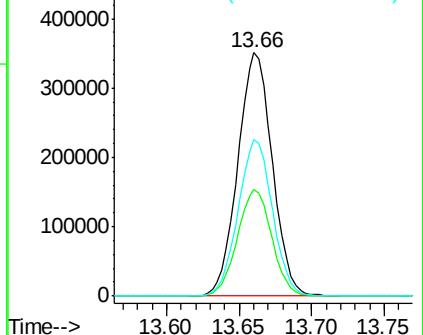
148 64.0 31.9 95.7

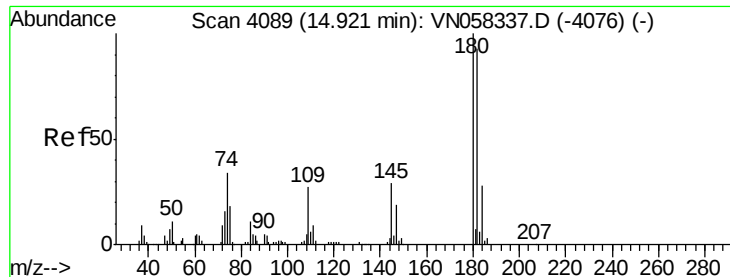


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

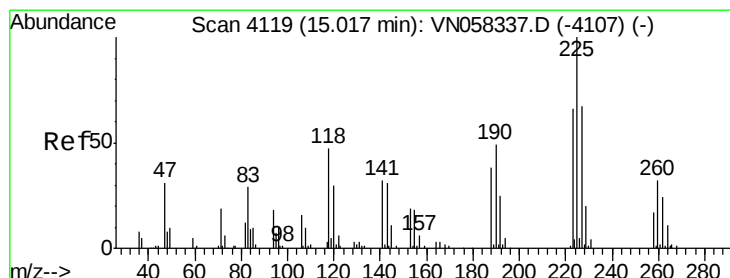
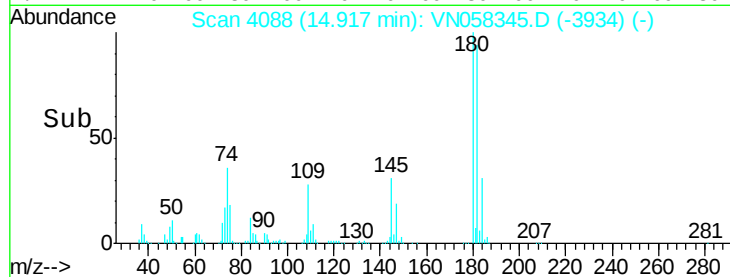
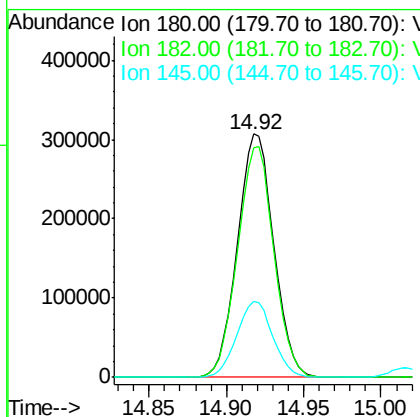
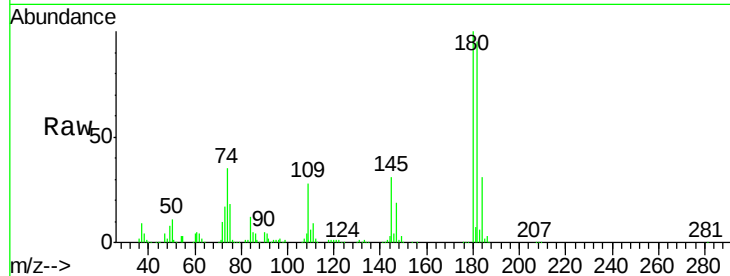




#89
 1,2,4-Trichlorobenzene
 Concen: 73.985 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

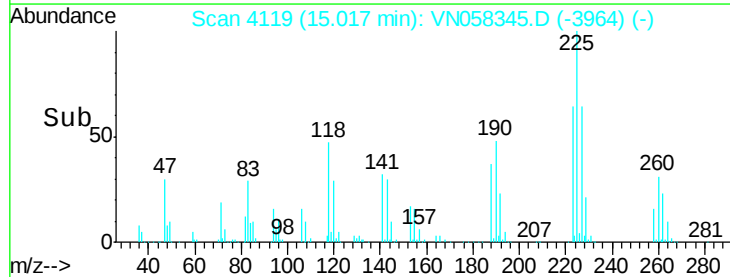
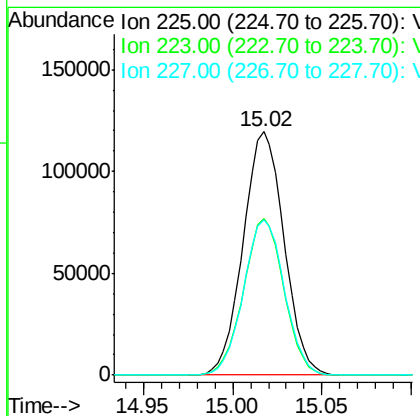
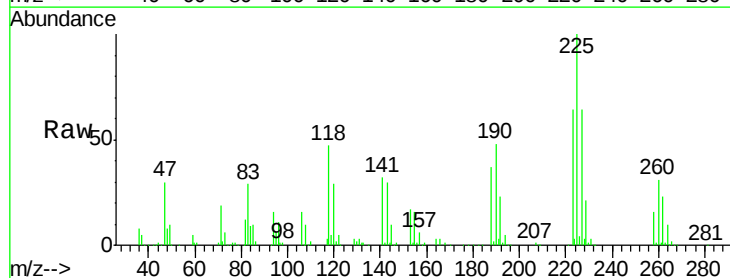
Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

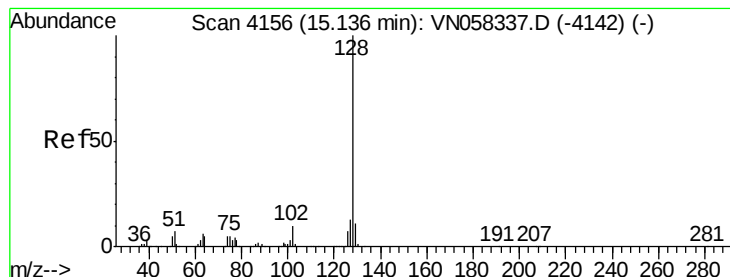
Tot Ion:180 Resp: 501021
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.2 112.8
 145 30.9 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 58.395 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058345.D
 Acq: 24 Sep 2019 14:57

Tgt Ion:225 Resp: 191341
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 132.6
 227 63.7 0.0 129.2





#91

Naphthalene

Concen: 133.881 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058345.D

Acq: 24 Sep 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

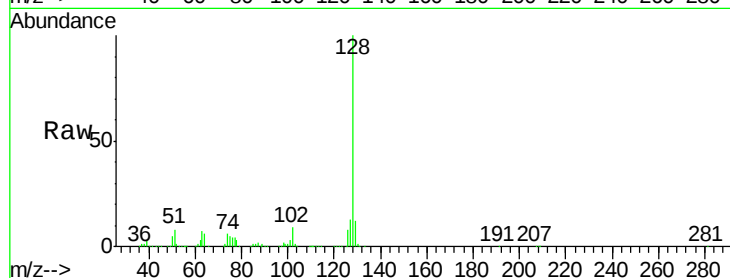
Tot Ion:128 Resp: 2489806

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

