

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049542.D
 Acq On : 26 Jun 2018 5:37
 Operator : MD\SY
 Sample : J3667-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-PAINT-CHIP

Quant Time: Jun 26 06:34:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.42	168	20525	50.00	ug/l	-0.25
34) 1,4-Difluorobenzene	8.32	114	79	50.00	ug/l	-0.27
63) Chlorobenzene-d5	11.09	117	264	50.00	ug/l	-0.31
72) 1,4-Dichlorobenzene-d4	13.42	152	1580401	50.00	ug/l	0.08

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.58	65	529	1.94	ug/l	-0.45
Spiked Amount	50.000		Recovery	=	3.88%	
35) Dibromofluoromethane	7.34	113	4030	6305.31	ug/l	-0.25
Spiked Amount	50.000		Recovery	=	12610.62%	
50) Toluene-d8	9.50	98	205622	84491.38	ug/l	-0.59
Spiked Amount	50.000		Recovery	=	168982.76%	
62) 4-Bromofluorobenzene	12.01	95	511	635.03	ug/l	-0.39
Spiked Amount	50.000		Recovery	=	1270.06%	

Target Compounds						Qvalue
16) Acetone	3.74	43	37	0.56	ug/l #	47
18) Methyl Acetate	4.14	43	89	0.44	ug/l #	54
19) Methyl tert-butyl Ether	4.88	73	122	0.20	ug/l #	53
21) trans-1,2-Dichloroethene	4.85	96	135	0.54	ug/l #	1
22) Diisopropyl ether	5.78	45	408	0.55	ug/l #	34
23) Vinyl Acetate	5.69	43	105	0.22	ug/l #	75
25) 2-Butanone	6.66	43	37258	419.79	ug/l #	50
26) 2,2-Dichloropropane	6.59	77	1563	4.07	ug/l #	1
27) cis-1,2-Dichloroethene	6.69	96	3166	11.43	ug/l #	76
28) Bromochloromethane	6.96	49	22772	108.15	ug/l #	80
29) Tetrahydrofuran	6.95	42	44708	782.54	ug/l #	96
30) Chloroform	7.02	83	6117	12.94	ug/l #	93
31) Cyclohexane	7.43	56	3290	8.02	ug/l #	23
32) 1,1,1-Trichloroethane	7.32	97	12292	30.48	ug/l #	1
36) 1,1-Dichloropropene	7.54	75	7521	8306.59	ug/l #	1
37) Ethyl Acetate	6.77	43	50558	102713.94	ug/l #	70
38) Carbon Tetrachloride	7.52	117	1667	1778.40	ug/l #	60
39) Methylcyclohexane	8.77	83	543	558.69	ug/l #	78
40) Benzene	7.80	78	616	221.92	ug/l #	51
41) Methacrylonitrile	6.90	41	14331	53855.50	ug/l #	100
42) 1,2-Dichloroethane	7.95	62	329	383.63	ug/l #	45
44) Trichloroethene	8.49	130	67	91.40	ug/l #	80
45) 1,2-Dichloropropane	8.83	63	189	260.04	ug/l #	44
46) Dibromomethane	8.93	93	403	956.26	ug/l #	17
47) Bromodichloromethane	9.11	83	208	224.60	ug/l #	26
48) Methyl methacrylate	8.96	41	22493	50788.44	ug/l #	33
49) 1,4-Dioxane	8.96	88	2517	411782.27	ug/l #	21
51) 4-Methyl-2-Pentanone	9.71	43	8349986	16940418.98	ug/l #	39
52) Toluene	9.95	92	80481	49399.38	ug/l #	1
53) t-1,3-Dichloropropene	9.95	75	352639	398033.80	ug/l #	44
54) cis-1,3-Dichloropropene	9.50	75	409232	391203.55	ug/l #	31
55) 1,1,2-Trichloroethane	10.24	97	275	452.79	ug/l #	1
56) Ethyl methacrylate	10.08	69	6813	9723.48	ug/l #	20
57) 1,3-Dichloropropane	10.35	76	192	190.83	ug/l #	1

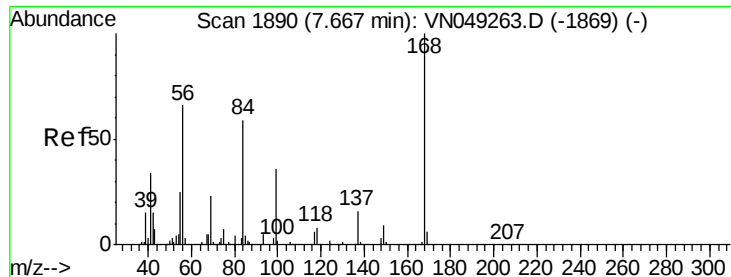
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	9.37	63	181	695.49	ug/l #	51
59) 2-Hexanone	10.36	43	33503	105429.76	ug/l #	27
60) Dibromochloromethane	10.56	129	31	45.73	ug/l #	1
61) 1,2-Dibromoethane	10.86	107	168	297.59	ug/l	94
65) Chlorobenzene	11.42	112	339	49.85	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.52	131	65	25.40	ug/l #	55
67) Ethyl Benzene	11.53	91	295	26.15	ug/l #	77
68) m/p-Xylenes	11.83	106	7699	1818.61	ug/l #	66
69) o-Xylene	11.91	106	20947	5137.20	ug/l	96
70) Styrene	11.93	104	659	102.44	ug/l #	24
71) Bromoform	12.32	173	32	19.32	ug/l #	28
74) N-amyl acetate	11.97	43	667207	19.63	ug/l #	1
75) 1,1,1,2-Tetrachloroethane	12.48	83	12362	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.57	75	1004231	37.24	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.57	75	946605	110.95	ug/l #	9
87) 1,3-Dichlorobenzene	13.37	146	13008	0.22	ug/l #	1
88) 1,4-Dichlorobenzene	13.37	146	13008	0.22	ug/l #	1
89) n-Butylbenzene	13.67	91	20287	0.24	ug/l	97
90) Hexachloroethane	13.87	117	493	Below Cal	#	26
91) 1,2-Dichlorobenzene	13.72	146	16333	0.28	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1903	0.39	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.92	180	21665	5.47	ug/l	96
94) Hexachlorobutadiene	15.02	225	1915	Below Cal		65
95) Naphthalene	15.14	128	674276	16.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	18849	4.12	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 1812

Delta R.T. -0.25 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

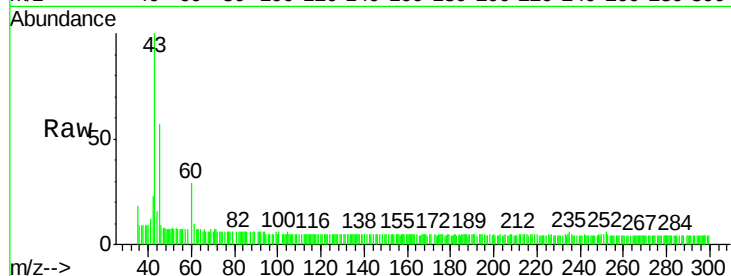
CS-PAINT-CHIP

Tot Ion:168 Resp: 20525

Ion Ratio Lower Upper

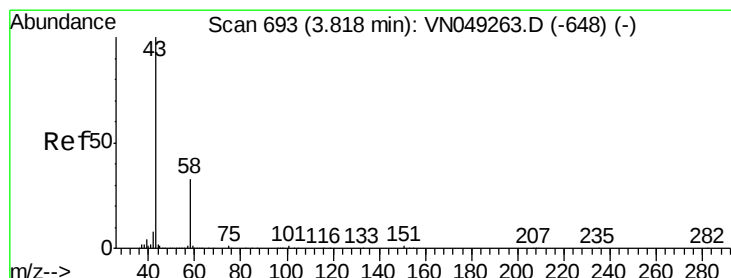
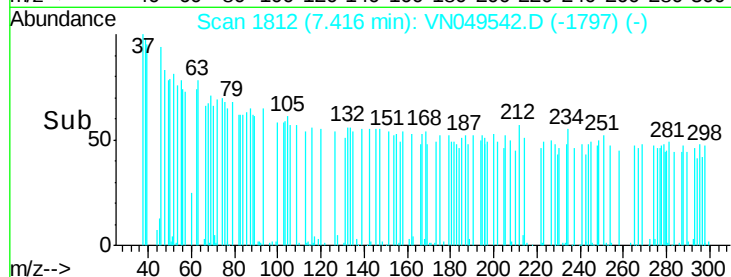
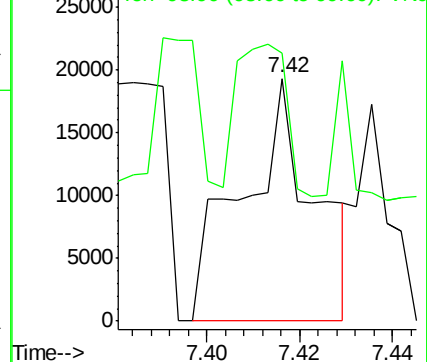
168 100

99 3.1 45.8 68.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.56 ug/l

RT: 3.74 min Scan# 670

Delta R.T. -0.07 min

Lab File: VN049542.D

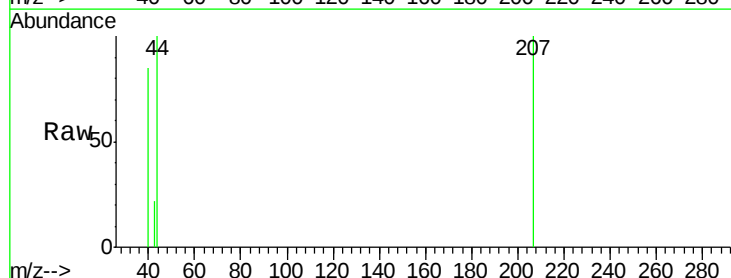
Acq: 26 Jun 2018 5:37

Tgt Ion: 43 Resp: 37

Ion Ratio Lower Upper

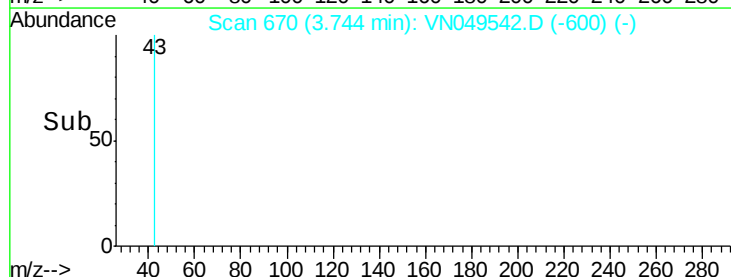
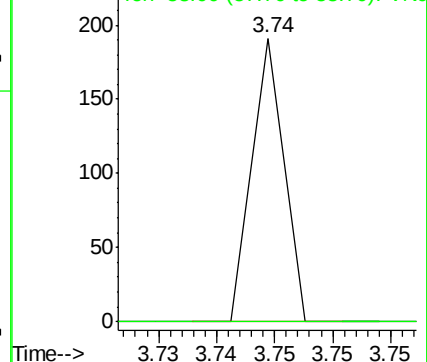
43 100

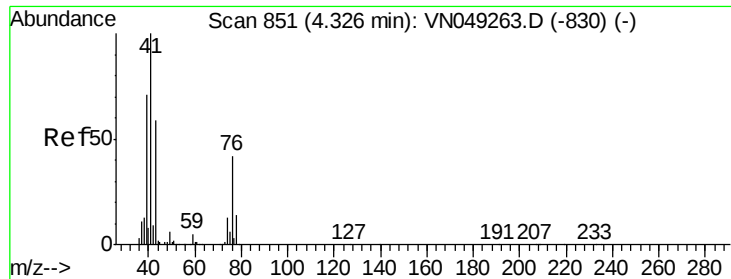
58 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

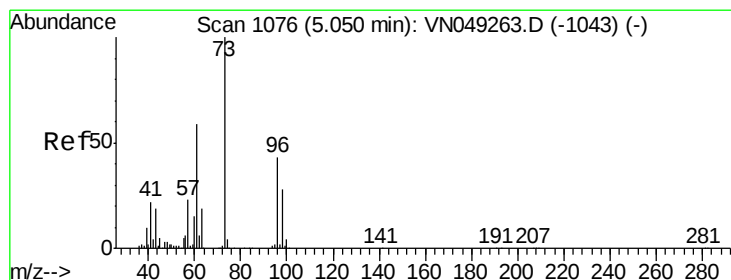
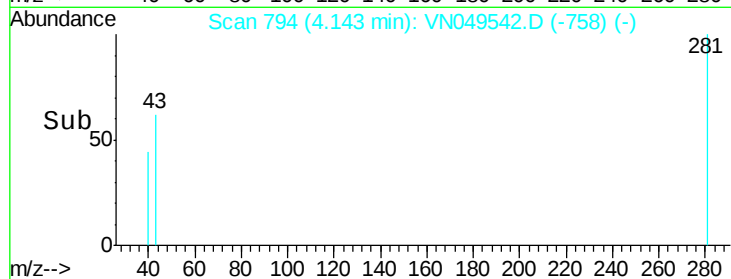
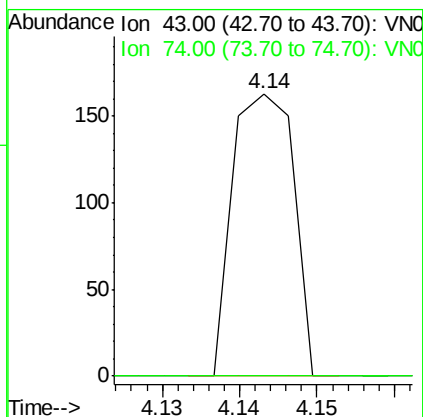
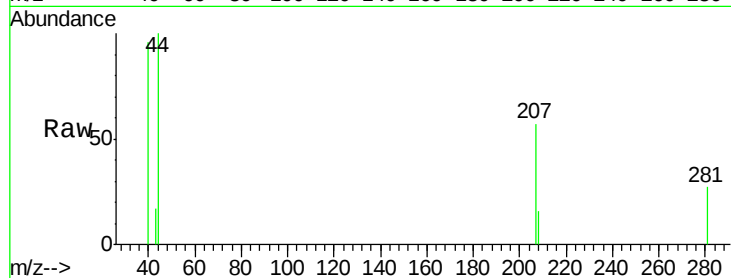




#18
Methyl Acetate
Concen: 0.44 ug/l
RT: 4.14 min Scan# 794
Delta R.T. -0.18 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

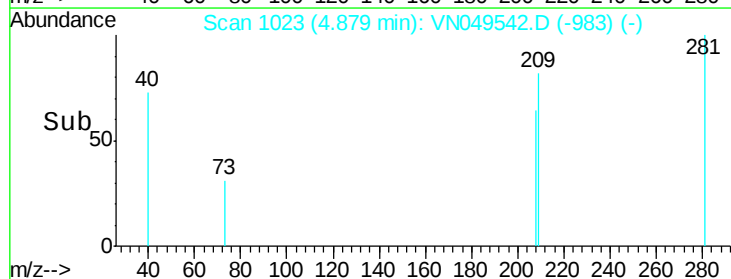
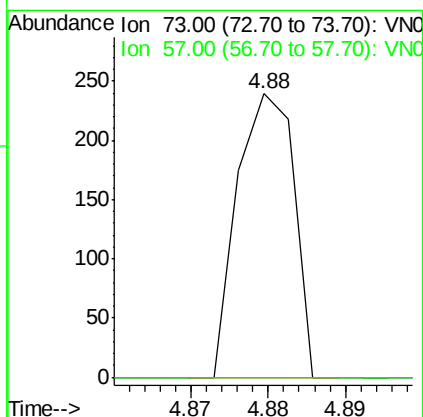
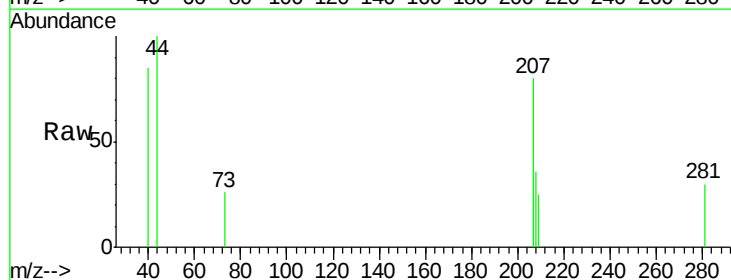
Instrument :
MSVOA_N
ClientSampleId :
CS-PAINT-CHIP

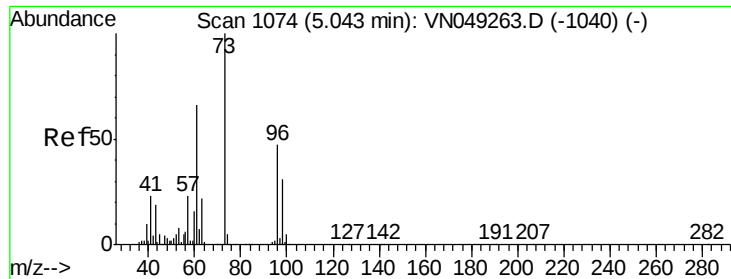
Tot Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#19
Methyl tert-butyl Ether
Concen: 0.20 ug/l
RT: 4.88 min Scan# 1023
Delta R.T. -0.17 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

Tgt Ion: 73 Resp: 122
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.4#





#21

trans-1,2-Dichloroethene

Concen: 0.54 ug/l

RT: 4.85 min Scan# 1015

Delta R.T. -0.19 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

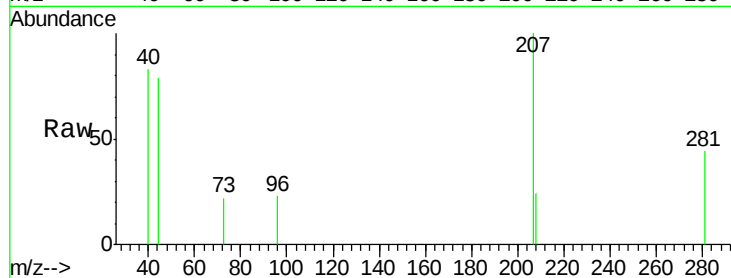
Tot Ion: 96 Resp: 135

Ion Ratio Lower Upper

96 100

61 0.0 121.3 181.9#

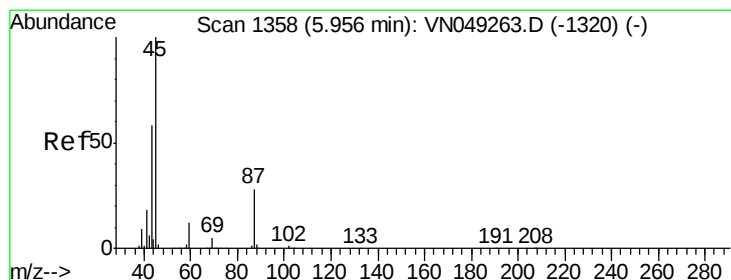
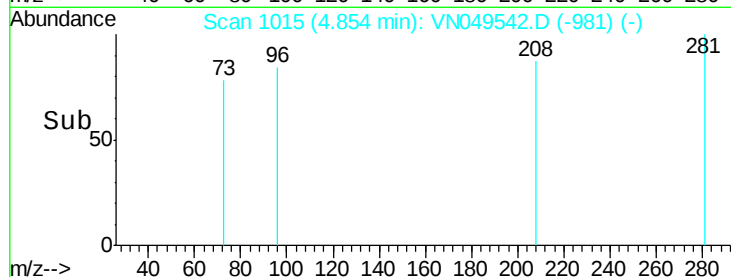
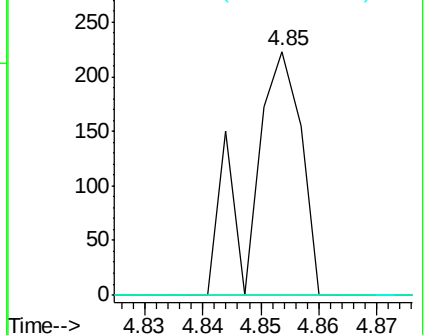
98 0.0 52.0 78.0#



Abundance Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 0.55 ug/l

RT: 5.78 min Scan# 1303

Delta R.T. -0.18 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Tgt Ion: 45 Resp: 408

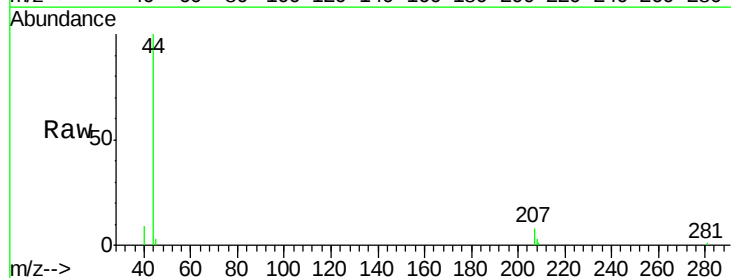
Ion Ratio Lower Upper

45 100

43 0.0 48.6 72.8#

87 0.0 20.2 30.2#

59 0.0 9.0 13.4#

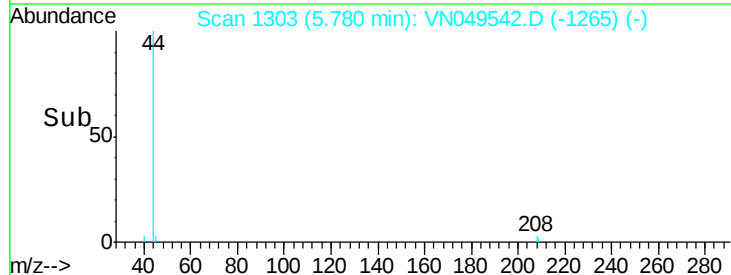
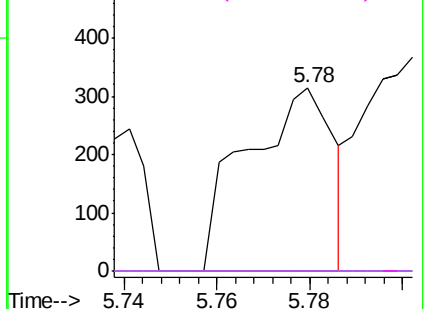


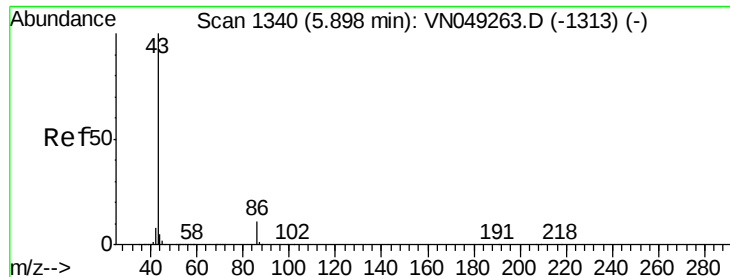
Abundance Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC

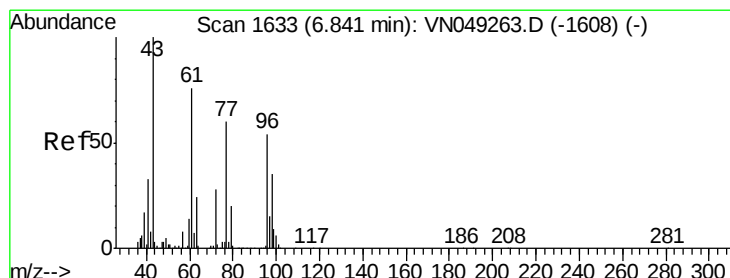
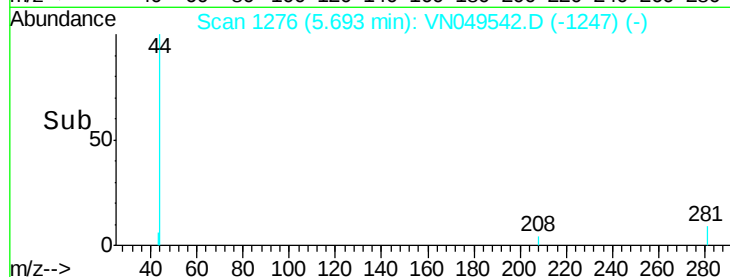
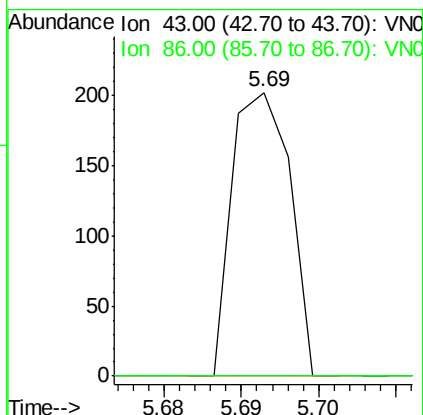
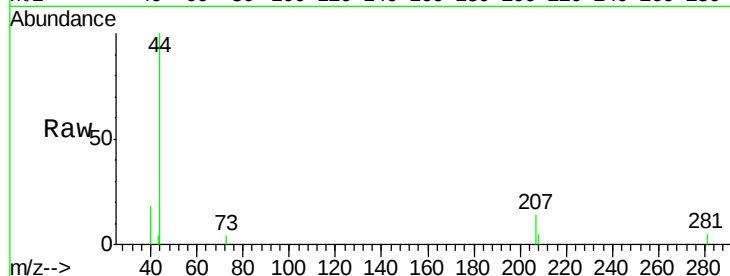




#23
 Vinyl Acetate
 Concen: 0.22 ug/l
 RT: 5.69 min Scan# 1276
 Delta R.T. -0.21 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

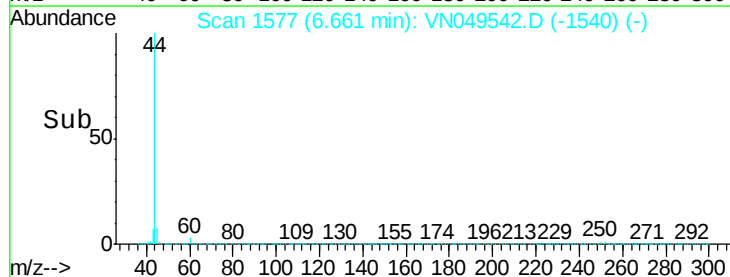
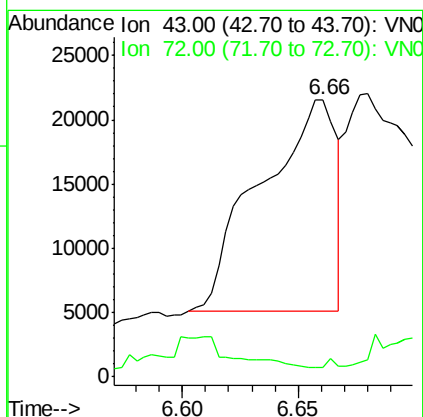
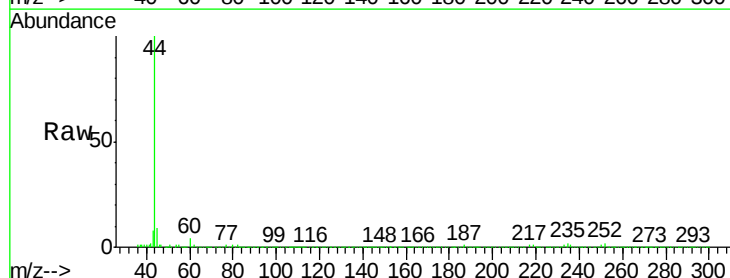
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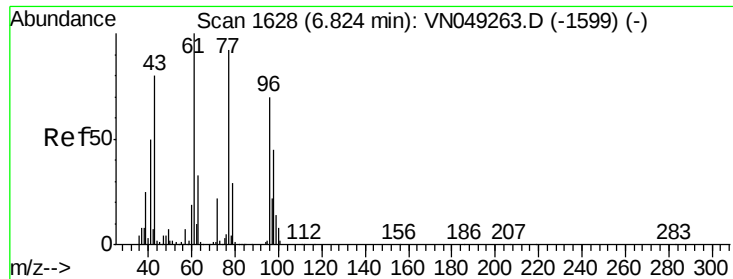
Tot Ion: 43 Resp: 105
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.2 10.8#



#25
 2-Butanone
 Concen: 419.79 ug/l
 RT: 6.66 min Scan# 1577
 Delta R.T. -0.18 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Tgt Ion: 43 Resp: 37258
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.2 30.2#

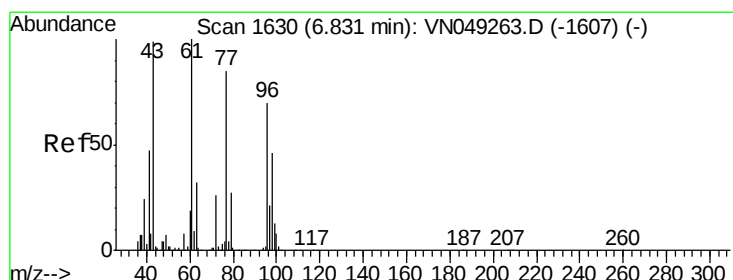
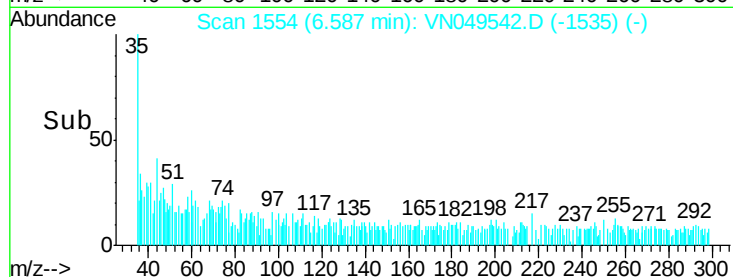
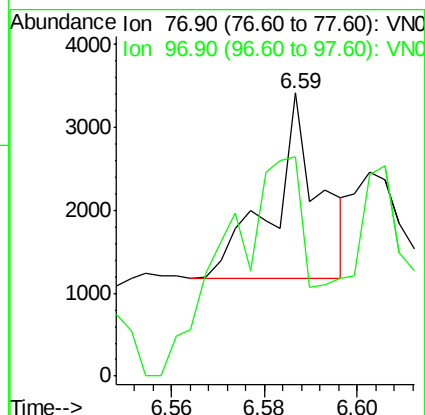
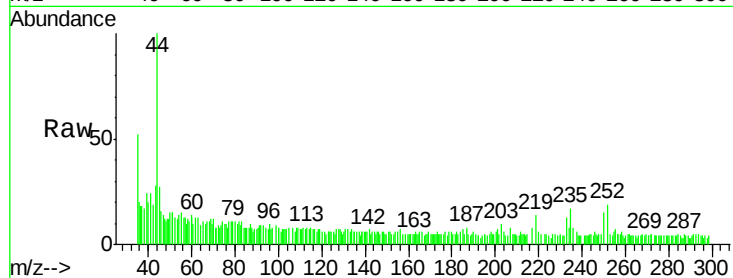




#26
 2,2-Dichloropropane
 Concen: 4.07 ug/l
 RT: 6.59 min Scan# 1554
 Delta R.T. -0.24 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

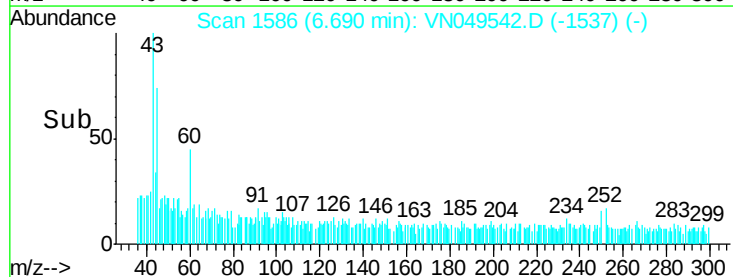
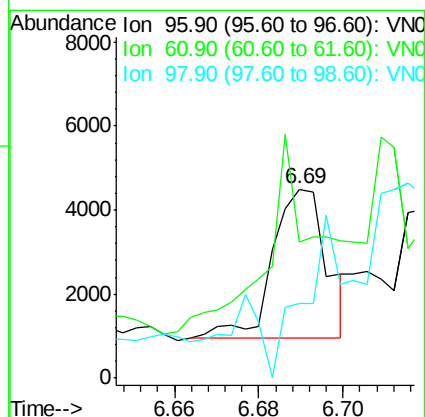
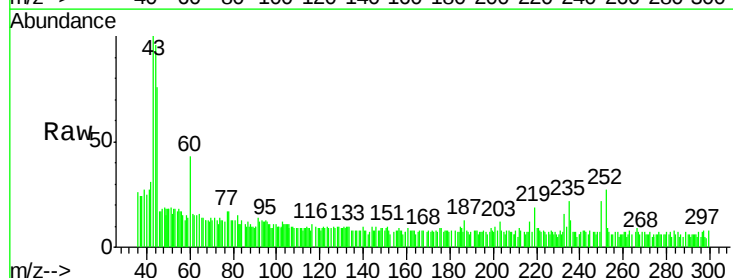
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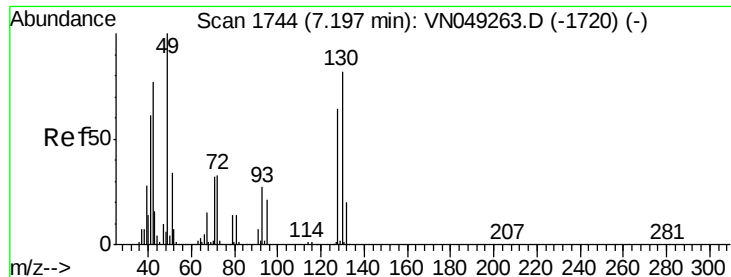
Tot Ion: 77 Resp: 1563
 Ion Ratio Lower Upper
 77 100
 97 210.4 11.0 33.0#



#27
 cis-1,2-Dichloroethene
 Concen: 11.43 ug/l
 RT: 6.69 min Scan# 1586
 Delta R.T. -0.14 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Tgt Ion: 96 Resp: 3166
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 316.4
 98 97.0 0.0 128.4





#28

Bromochloromethane

Concen: 108.15 ug/l

RT: 6.96 min Scan# 1670

Delta R.T. -0.24 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

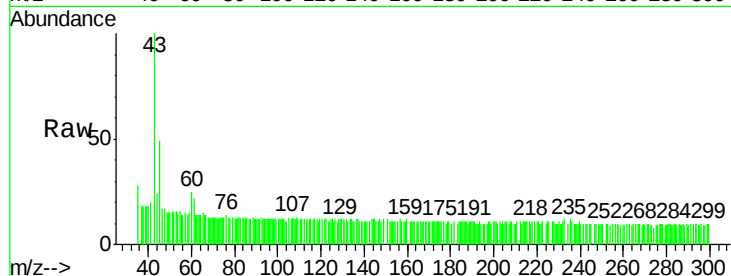
Tot Ion: 49 Resp: 22772

Ion Ratio Lower Upper

49 100

129 114.0 0.0 3.8#

130 78.2 54.9 82.3



Abundance Ion 48.90 (48.60 to 49.60): VN049263.D (-1720) (-)

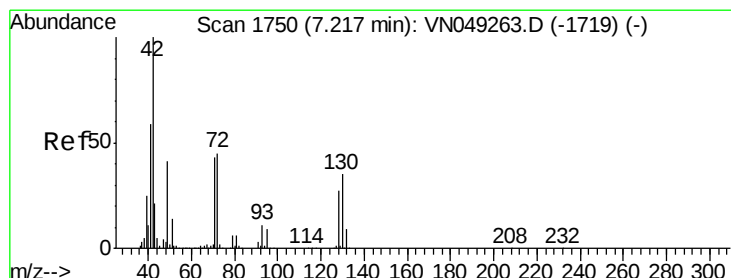
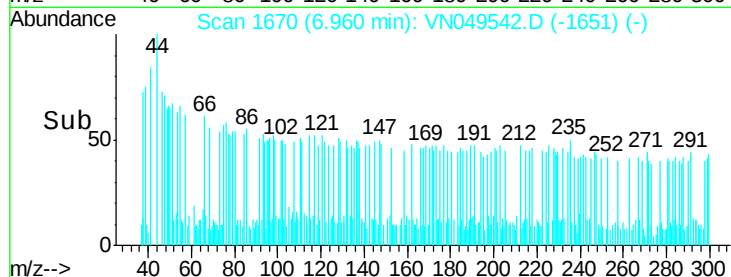
Ion 128.80 (128.50 to 129.50): VN049263.D (-1720) (-)

Ion 129.80 (129.50 to 130.50): VN049263.D (-1720) (-)

Time-->

6.94 6.96 6.98

6.96



#29

Tetrahydrofuran

Concen: 782.54 ug/l

RT: 6.95 min Scan# 1667

Delta R.T. -0.27 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

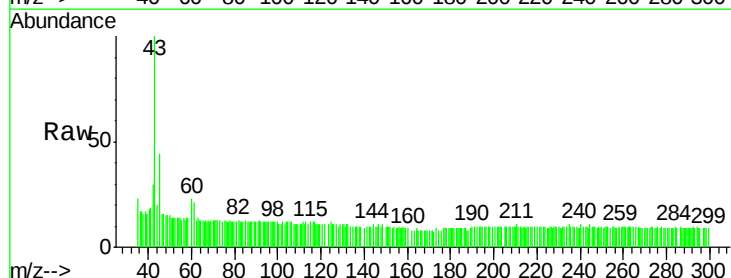
Tgt Ion: 42 Resp: 44708

Ion Ratio Lower Upper

42 100

72 41.4 32.2 48.4

71 34.8 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN049263.D (-1719) (-)

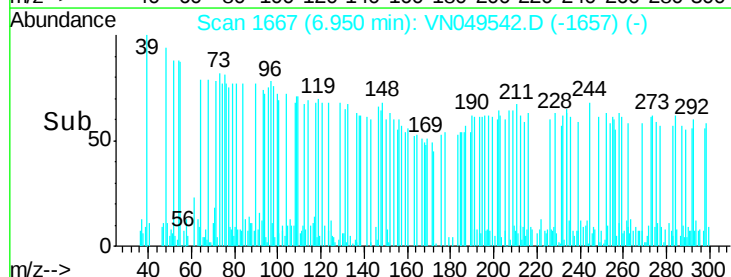
Ion 72.00 (71.70 to 72.70): VN049263.D (-1719) (-)

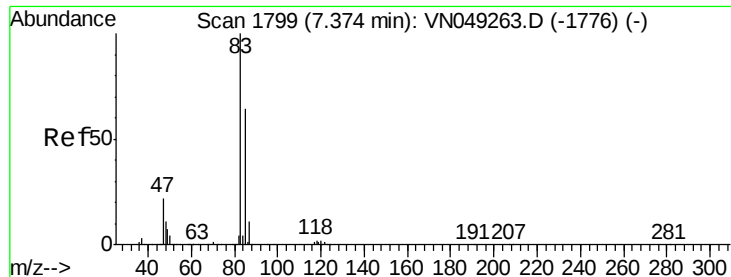
Ion 71.00 (70.70 to 71.70): VN049263.D (-1719) (-)

Time-->

6.93 6.94 6.95 6.96

6.95





#30

Chloroform

Concen: 12.94 ug/l

RT: 7.02 min Scan# 1688

Delta R.T. -0.36 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

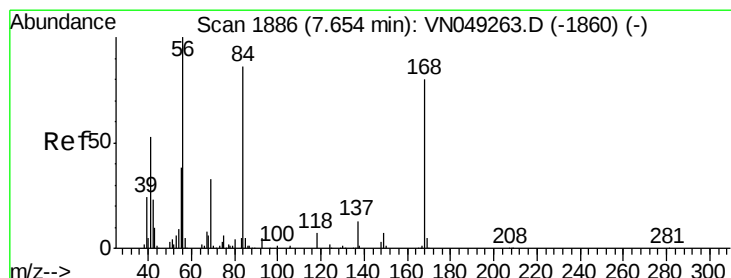
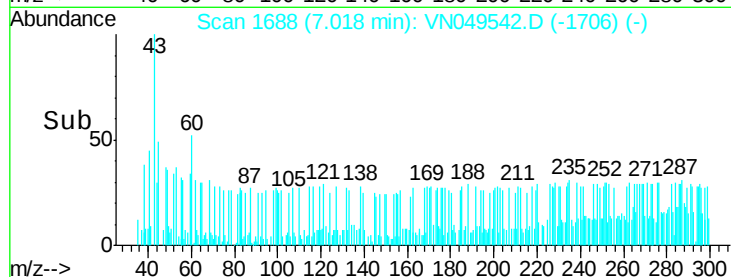
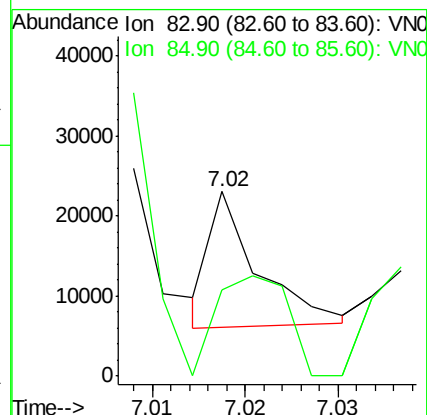
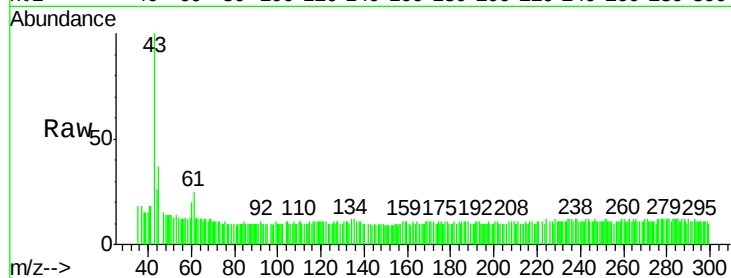
CS-PAINT-CHIP

Tot Ion: 83 Resp: 6117

Ion Ratio Lower Upper

83 100

85 69.9 51.7 77.5



#31

Cyclohexane

Concen: 8.02 ug/l

RT: 7.43 min Scan# 1815

Delta R.T. -0.23 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

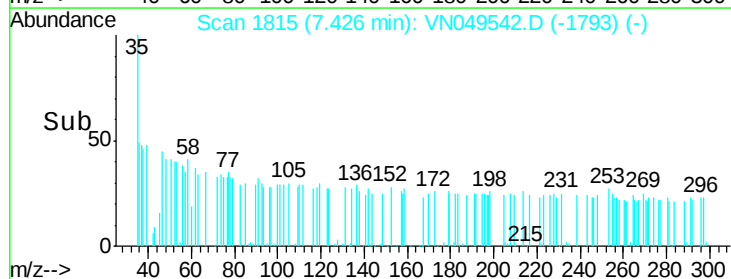
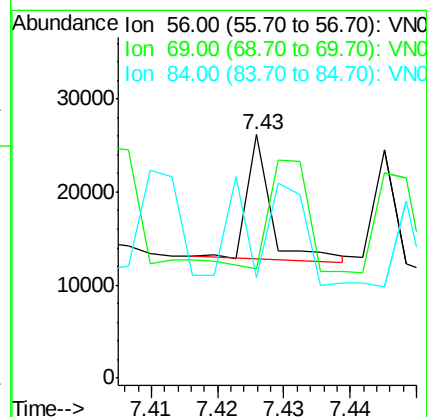
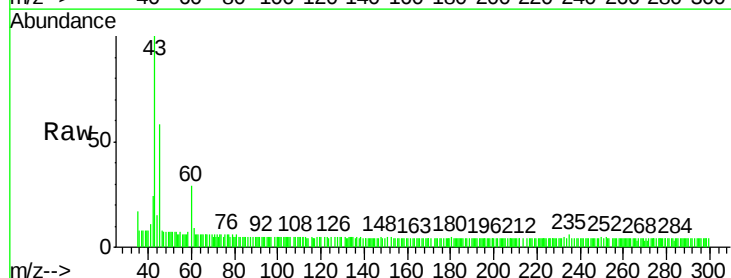
Tgt Ion: 56 Resp: 3290

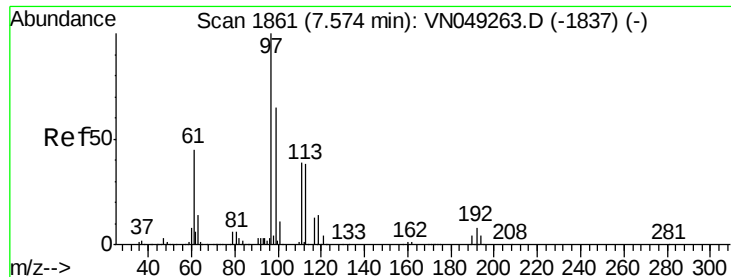
Ion Ratio Lower Upper

56 100

69 2.8 25.0 37.4#

84 4.0 64.6 96.8#





#32

1,1,1-Trichloroethane

Concen: 30.48 ug/l

RT: 7.32 min Scan# 1782

Delta R.T. -0.25 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampled :

CS-PAINT-CHIP

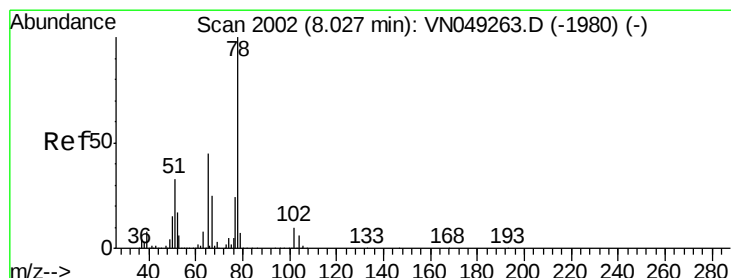
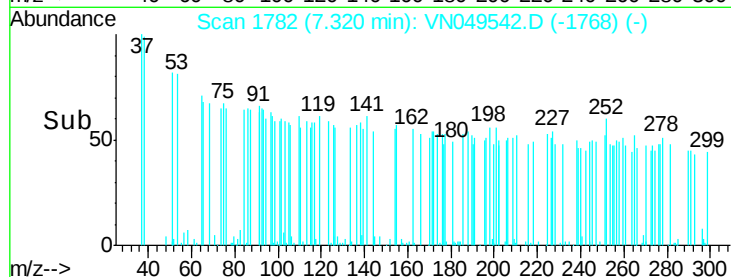
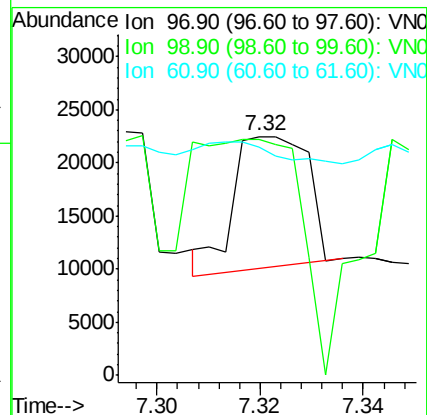
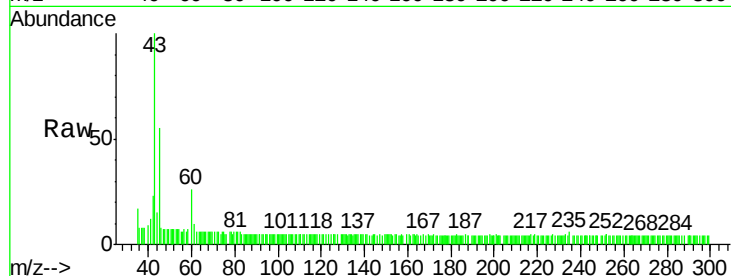
Tot Ion: 97 Resp: 12292

Ion Ratio Lower Upper

97 100

99 257.5 50.5 75.7#

61 0.0 37.9 56.9#



#33

1,2-Dichloroethane-d4

Concen: 1.94 ug/l

RT: 7.58 min Scan# 1862

Delta R.T. -0.45 min

Lab File: VN049542.D

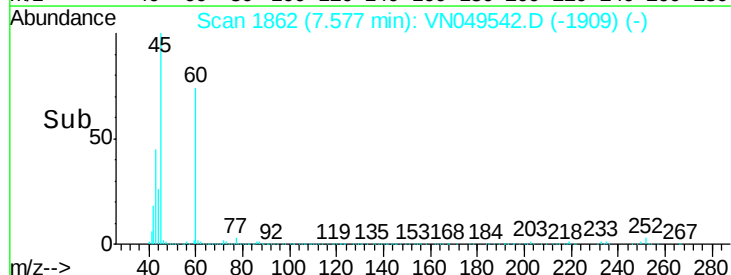
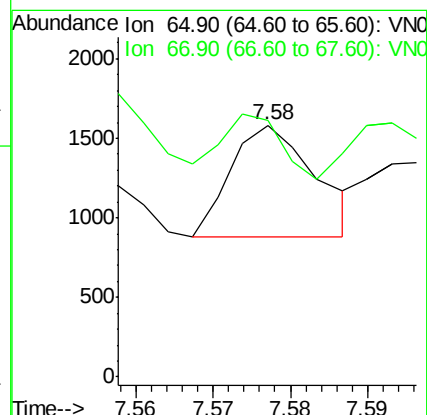
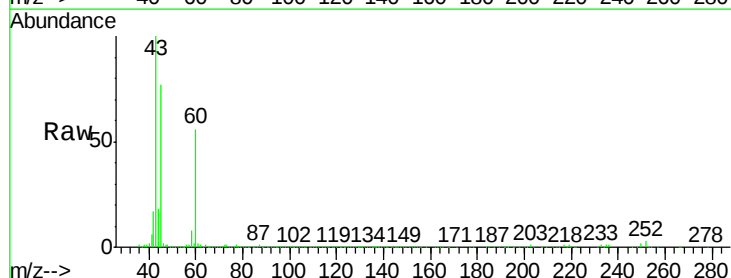
Acq: 26 Jun 2018 5:37

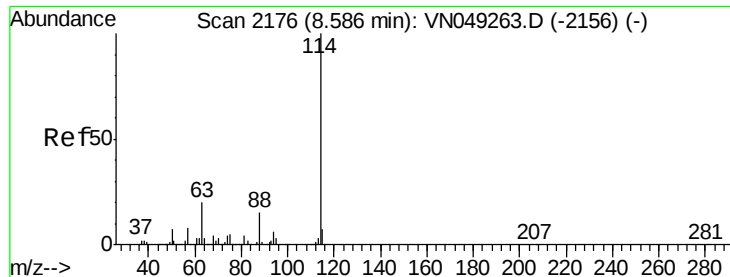
Tgt Ion: 65 Resp: 529

Ion Ratio Lower Upper

65 100

67 0.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.32 min Scan# 2092

Delta R.T. -0.27 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

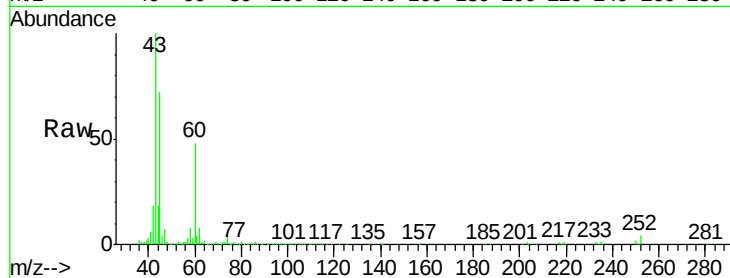
Tot Ion:114 Resp: 79

Ion Ratio Lower Upper

114 100

63 72.2 0.0 44.4#

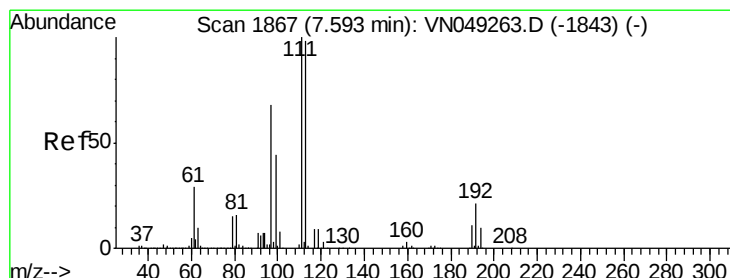
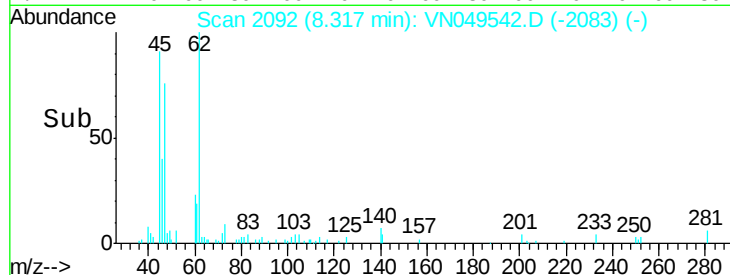
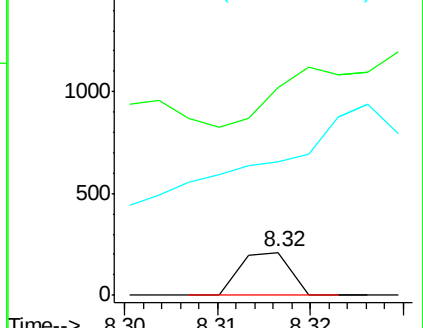
88 48.1 0.0 31.4#



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 6305.31 ug/l

RT: 7.34 min Scan# 1788

Delta R.T. -0.25 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

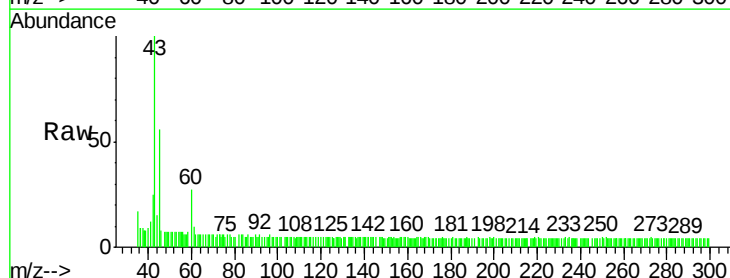
Tgt Ion:113 Resp: 4030

Ion Ratio Lower Upper

113 100

111 817.0 82.4 123.6#

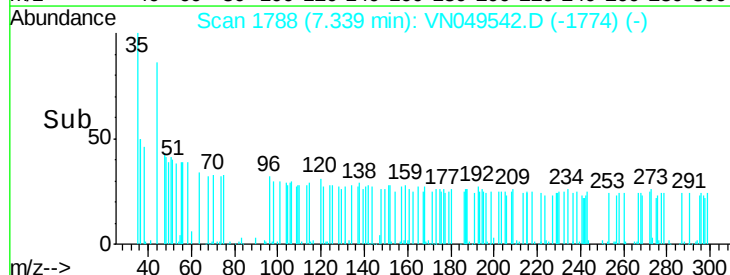
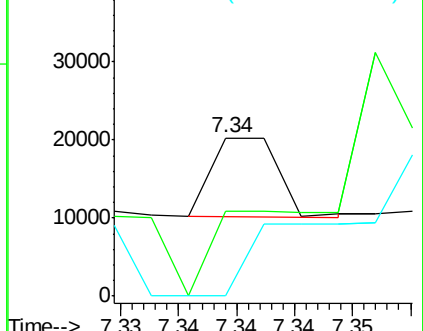
192 481.2 15.0 22.6#

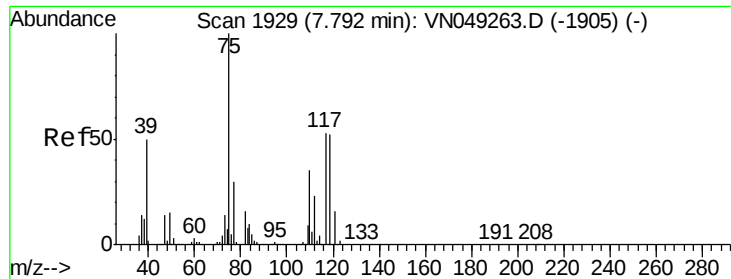


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 8306.59 ug/l

RT: 7.54 min Scan# 1852

Delta R.T. -0.25 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

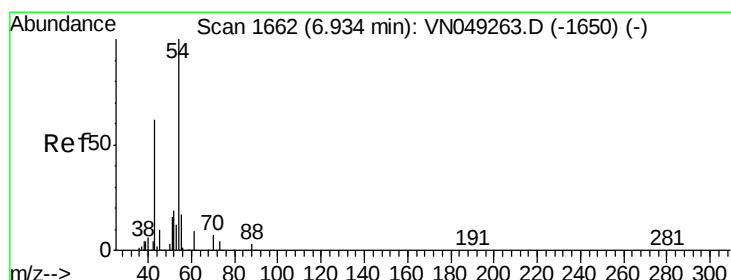
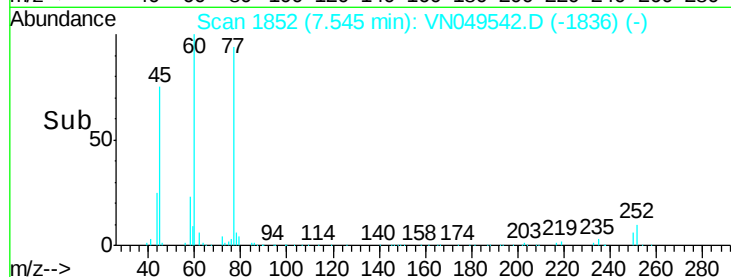
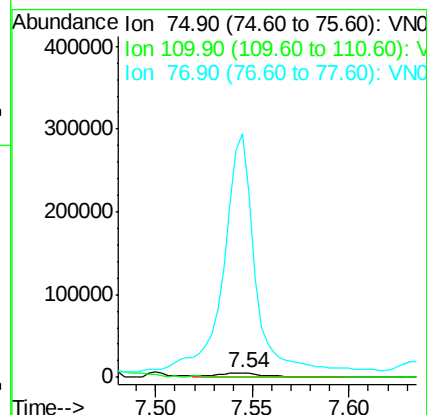
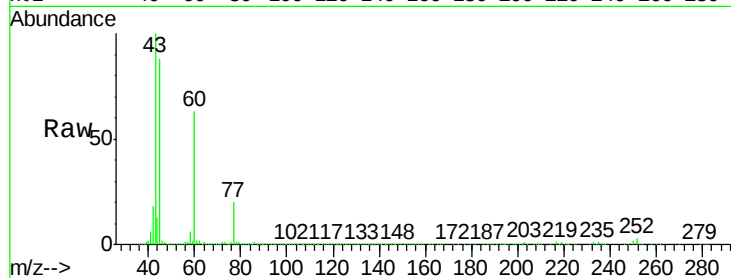
Tot Ion: 75 Resp: 7521

Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

77 4415.8 24.4 36.6#



#37

Ethyl Acetate

Concen: 102713.94 ug/l

RT: 6.77 min Scan# 1611

Delta R.T. -0.16 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

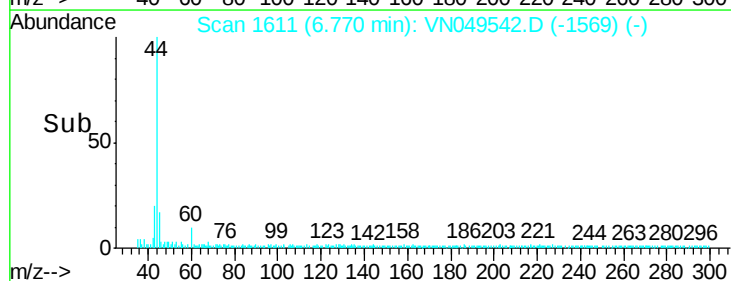
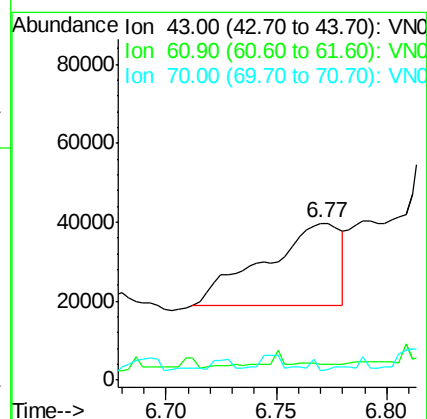
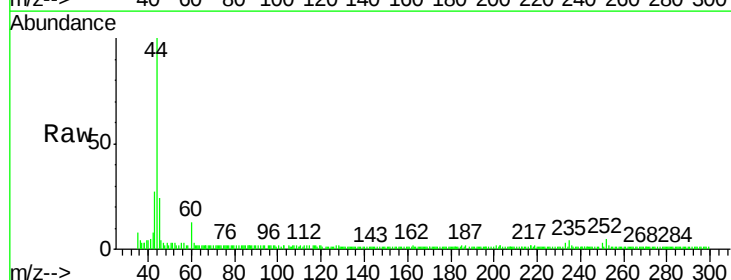
Tgt Ion: 43 Resp: 50558

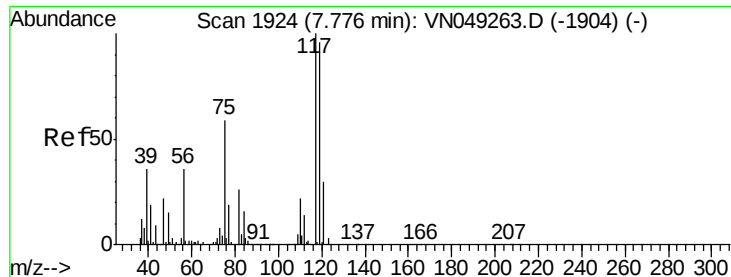
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.0 7.2 10.8#

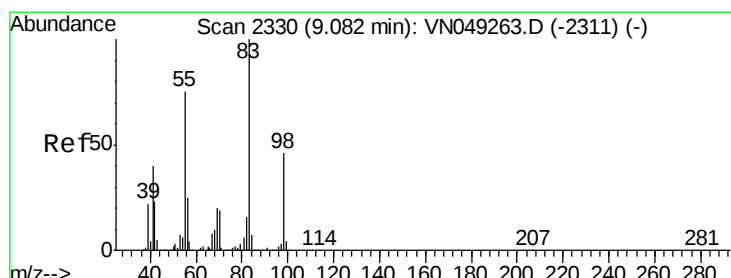
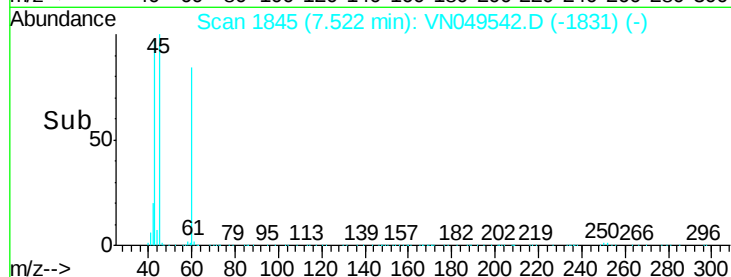
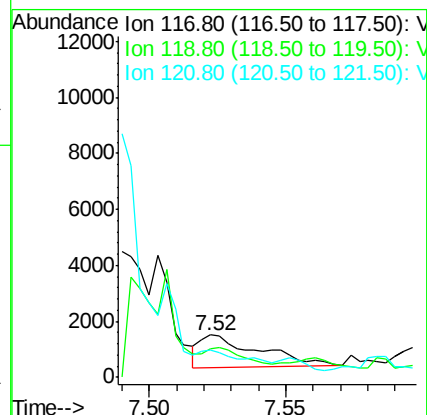
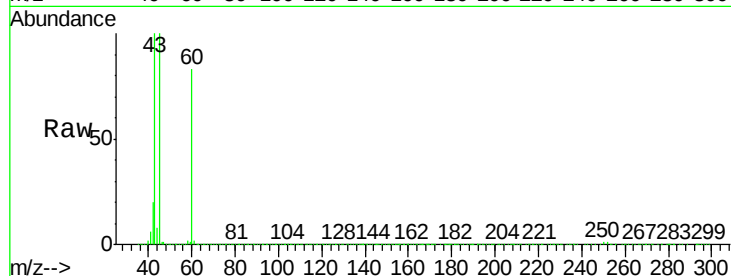




#38
Carbon Tetrachloride
Concen: 1778.40 ug/l
RT: 7.52 min Scan# 1845
Delta R.T. -0.25 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

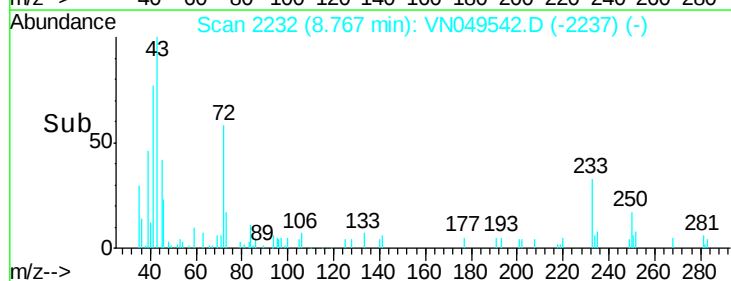
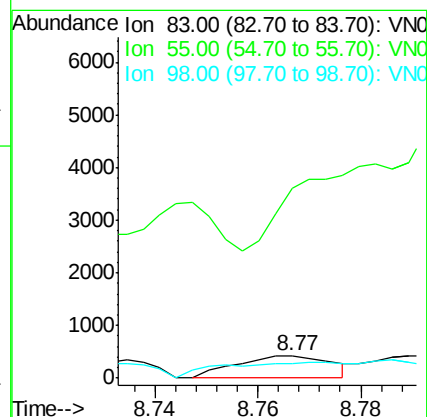
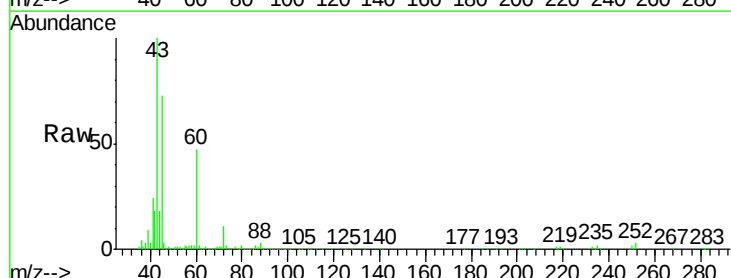
Instrument :
MSVOA_N
ClientSampled :
CS-PAINT-CHIP

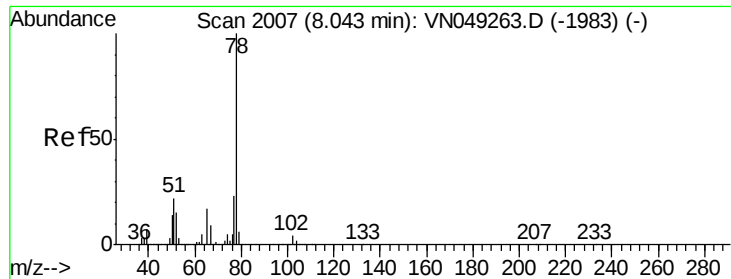
Tot Ion:117 Resp: 1667
Ion Ratio Lower Upper
117 100
119 55.2 75.6 113.4#
121 52.7 24.7 37.1#



#39
Methylcyclohexane
Concen: 558.69 ug/l
RT: 8.77 min Scan# 2232
Delta R.T. -0.31 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

Tgt Ion: 83 Resp: 543
Ion Ratio Lower Upper
83 100
55 62.9 65.1 97.7#
98 29.3 36.5 54.7#





#40

Benzene

Concen: 221.92 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. -0.25 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

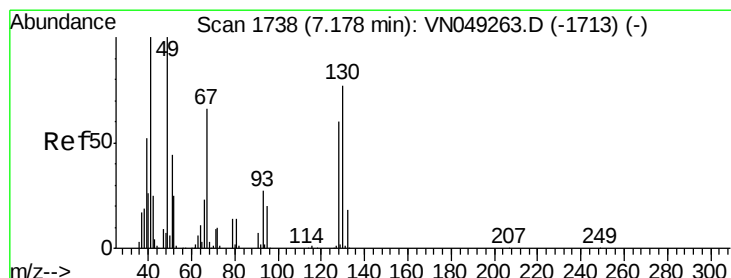
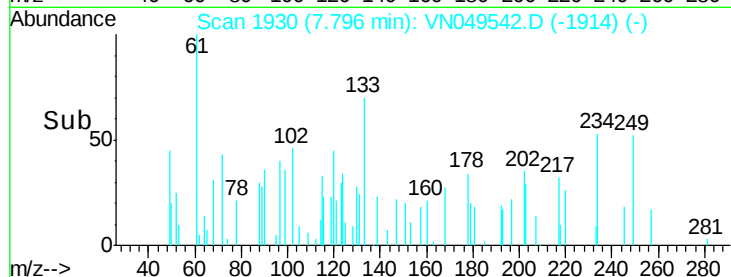
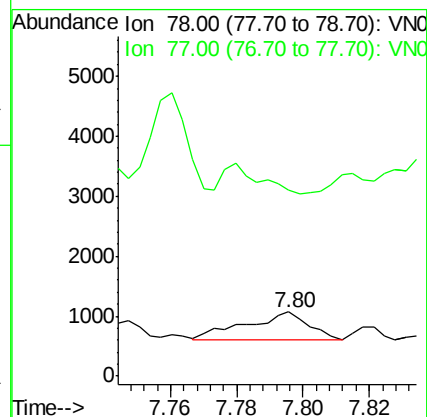
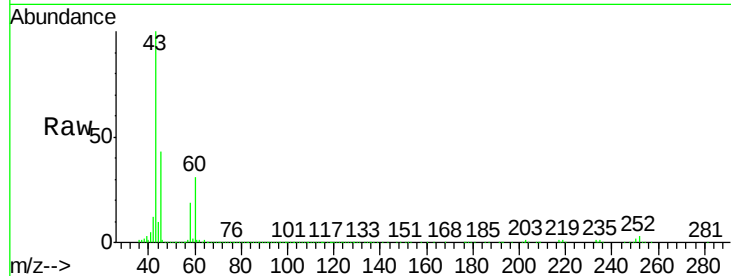
CS-PAINT-CHIP

Tot Ion: 78 Resp: 616

Ion Ratio Lower Upper

78 100

77 0.0 19.4 29.0#



#41

Methacrylonitrile

Concen: 53855.50 ug/l

RT: 6.90 min Scan# 1651

Delta R.T. -0.28 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Tgt Ion: 41 Resp: 14331

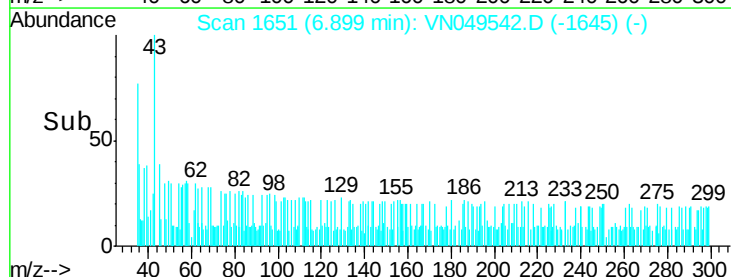
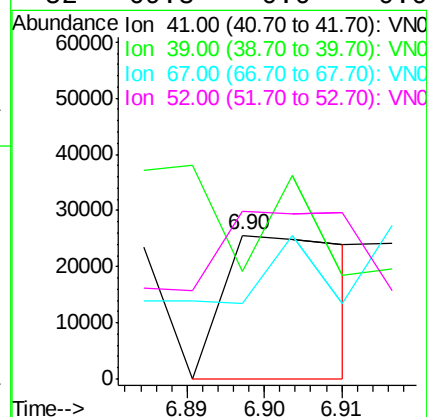
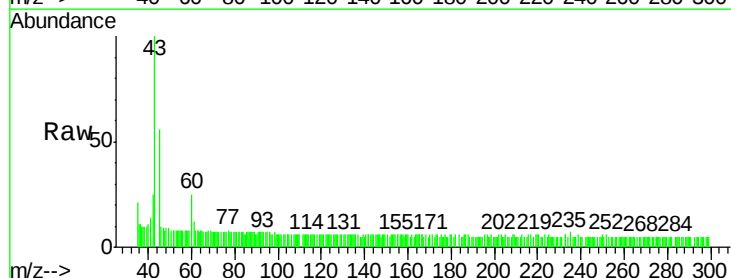
Ion Ratio Lower Upper

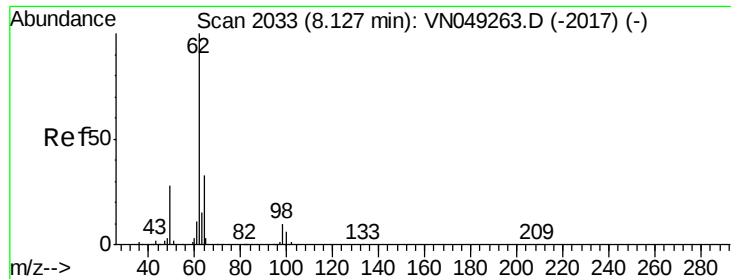
41 100

39 197.4 0.0 0.0#

67 0.0 0.0 0.0

52 69.8 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 383.63 ug/l

RT: 7.95 min Scan# 1977

Delta R.T. -0.18 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

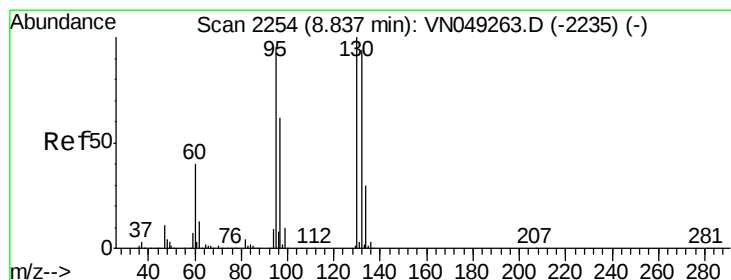
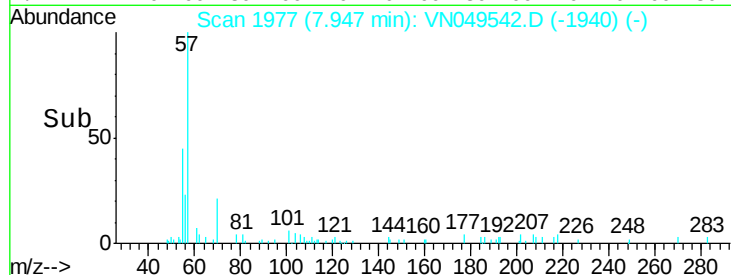
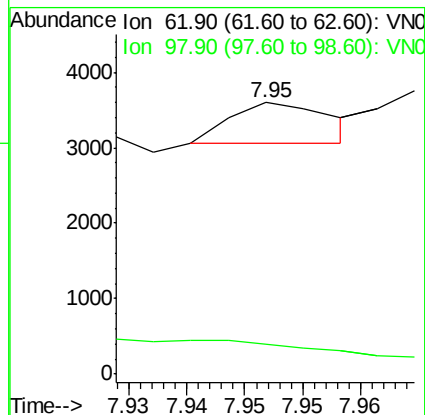
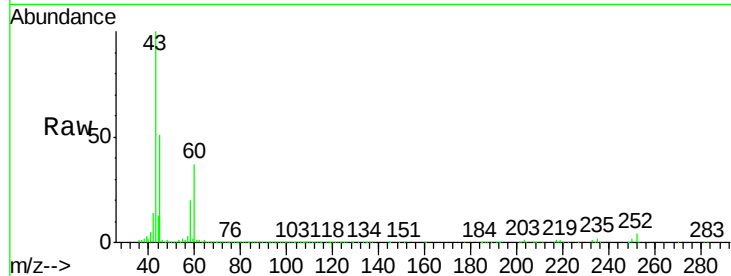
CS-PAINT-CHIP

Tot Ion: 62 Resp: 329

Ion Ratio Lower Upper

62 100

98 27.7 0.0 16.2#



#44

Trichloroethene

Concen: 91.40 ug/l

RT: 8.49 min Scan# 2145

Delta R.T. -0.35 min

Lab File: VN049542.D

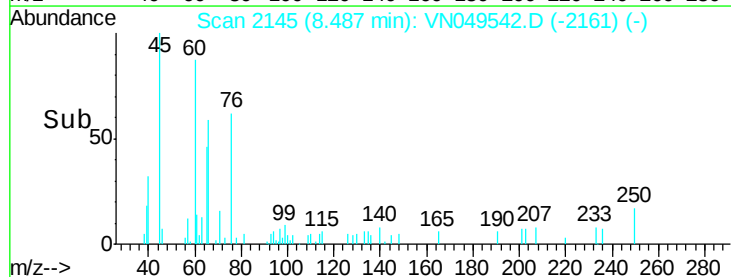
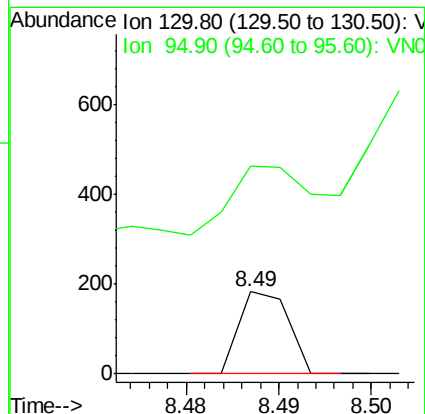
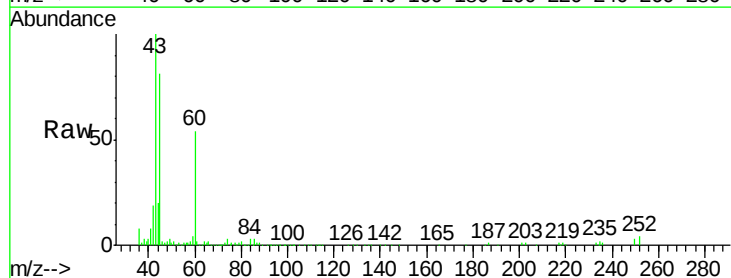
Acq: 26 Jun 2018 5:37

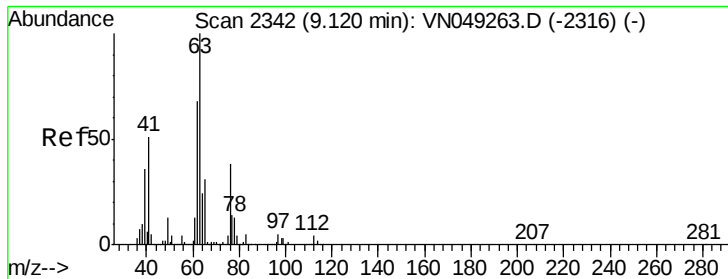
Tgt Ion:130 Resp: 67

Ion Ratio Lower Upper

130 100

95 84.2 0.0 208.6





#45

1,2-Dichloropropane

Concen: 260.04 ug/l

RT: 8.83 min Scan# 2252

Delta R.T. -0.29 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

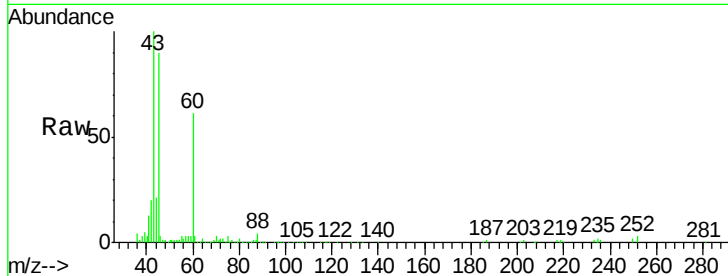
CS-PAINT-CHIP

Tot Ion: 63 Resp: 189

Ion Ratio Lower Upper

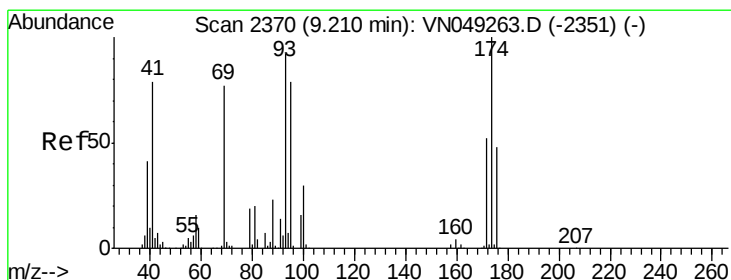
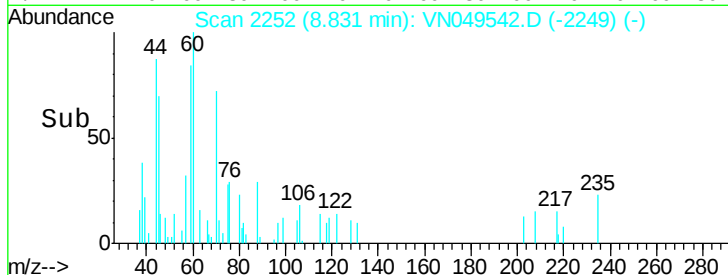
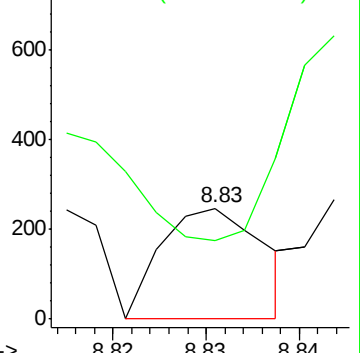
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 956.26 ug/l

RT: 8.93 min Scan# 2282

Delta R.T. -0.28 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

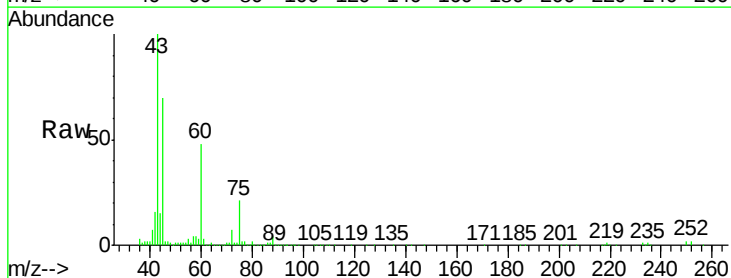
Tgt Ion: 93 Resp: 403

Ion Ratio Lower Upper

93 100

95 24.1 67.2 100.8#

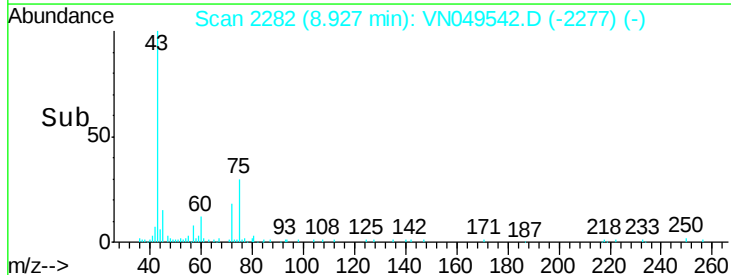
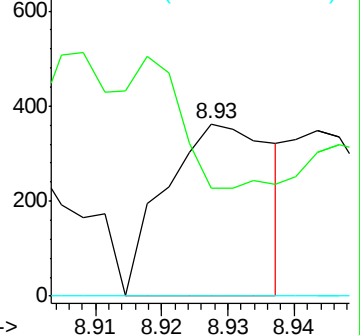
174 0.0 75.6 113.4#

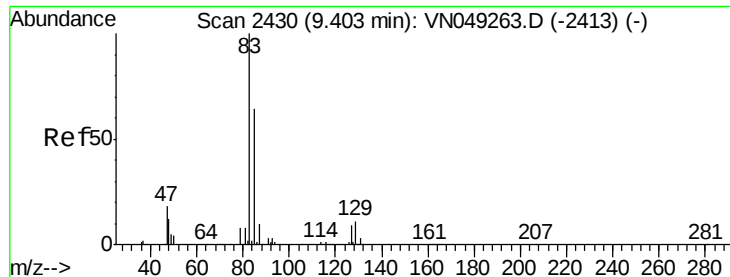


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 224.60 ug/l

RT: 9.11 min Scan# 2340

Delta R.T. -0.29 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

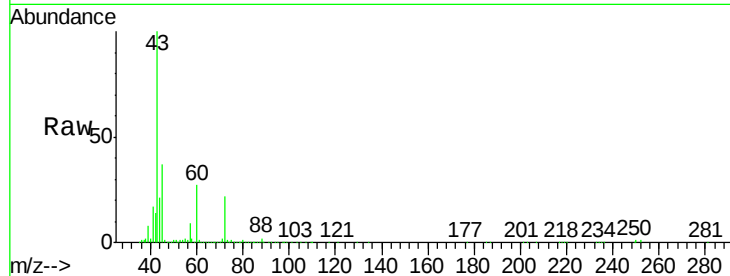
Tot Ion: 83 Resp: 208

Ion Ratio Lower Upper

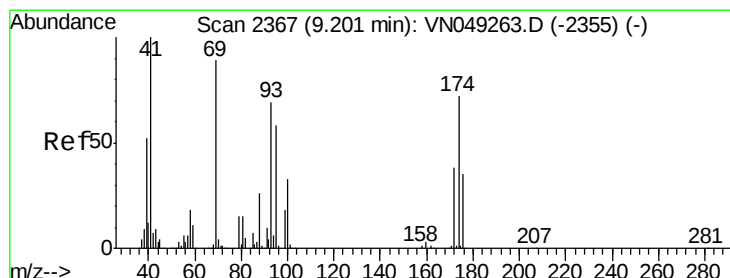
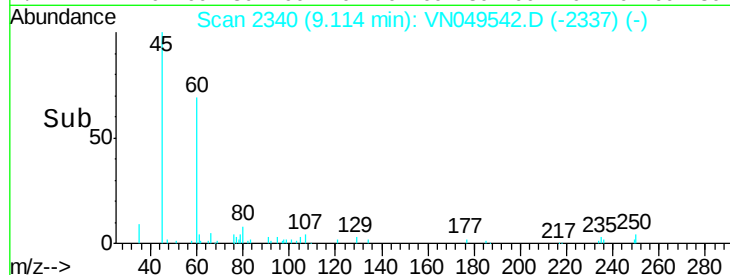
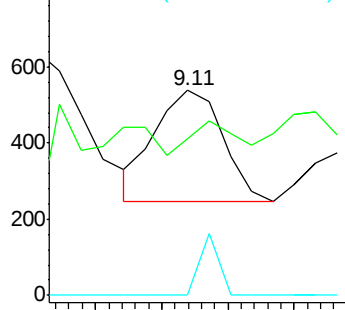
83 100

85 0.0 49.4 74.0#

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN049542.D (-2337) (-)



#48

Methyl methacrylate

Concen: 50788.44 ug/l

RT: 8.96 min Scan# 2293

Delta R.T. -0.24 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

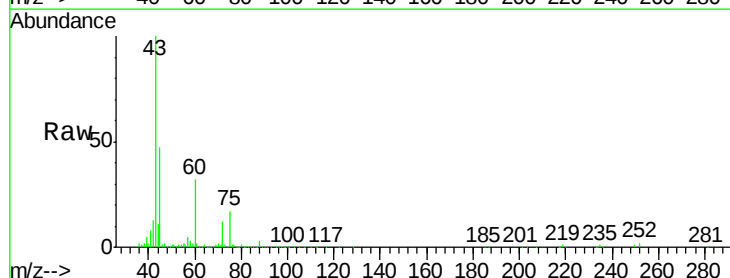
Tgt Ion: 41 Resp: 22493

Ion Ratio Lower Upper

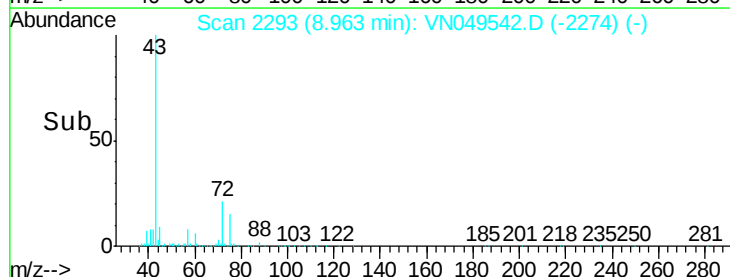
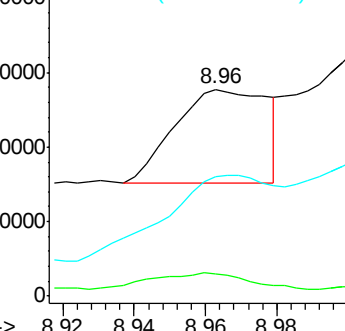
41 100

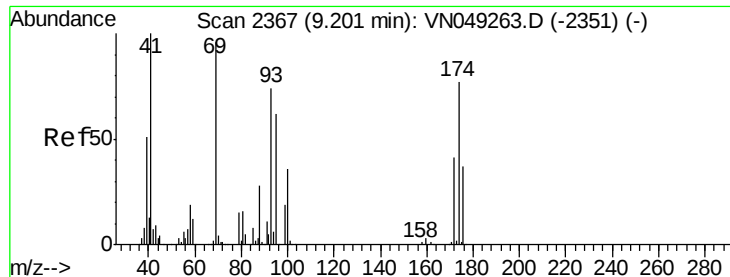
69 17.1 62.0 93.0#

39 112.7 50.6 75.8#



Abundance Ion 41.00 (40.70 to 41.70): VN049542.D (-2274) (-)

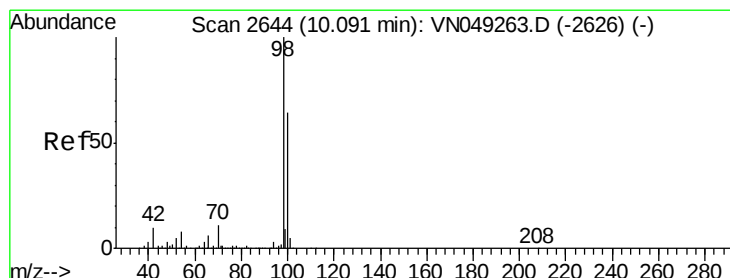
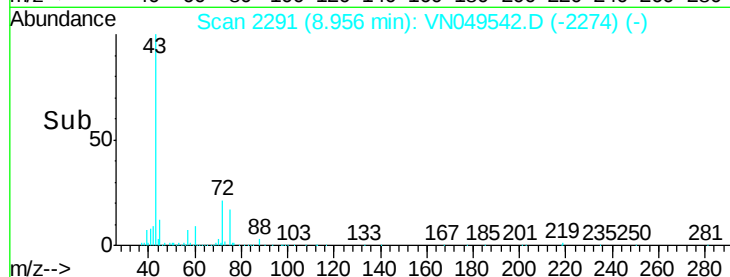
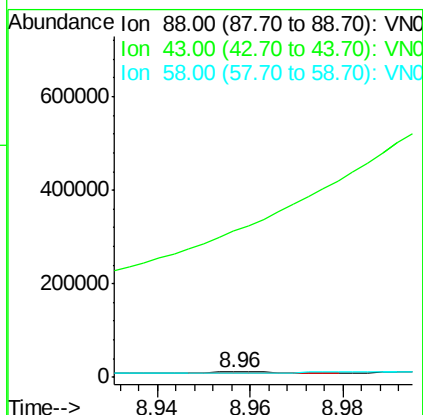
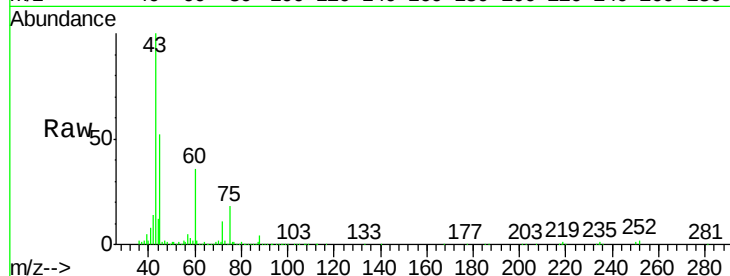




#49
1,4-Dioxane
Concen: 411782.27 ug/l
RT: 8.96 min Scan# 2291
Delta R.T. -0.24 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

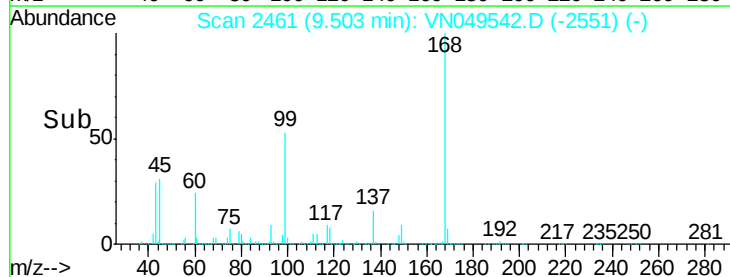
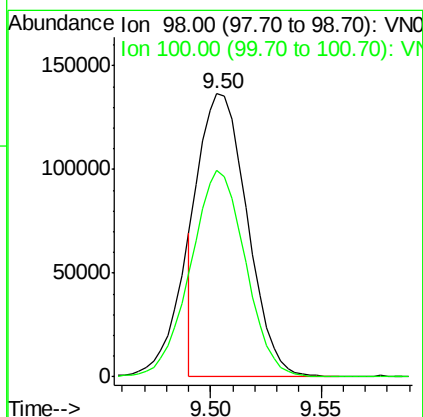
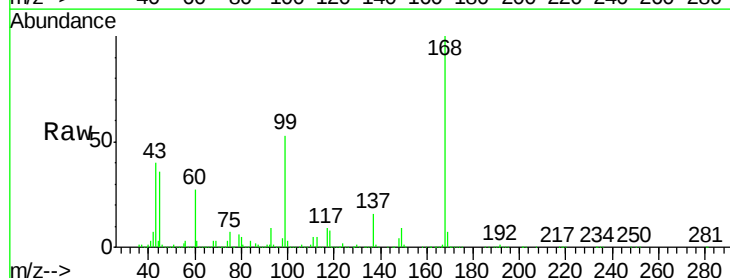
Instrument :
MSVOA_N
ClientSampleId :
CS-PAINT-CHIP

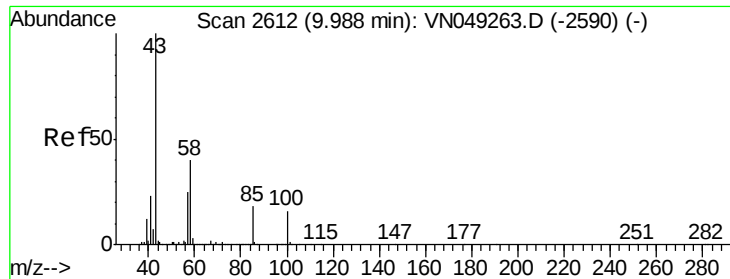
Tot Ion: 88 Resp: 2517
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 0.0 58.9 88.3#



#50
Toluene-d8
Concen: 84491.38 ug/l
RT: 9.50 min Scan# 2461
Delta R.T. -0.59 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

Tgt Ion: 98 Resp: 205622
Ion Ratio Lower Upper
98 100
100 70.0 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 16940418.98 ug/l

RT: 9.71 min Scan# 2526

Delta R.T. -0.28 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

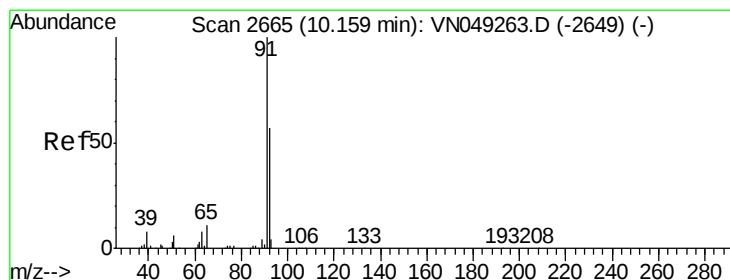
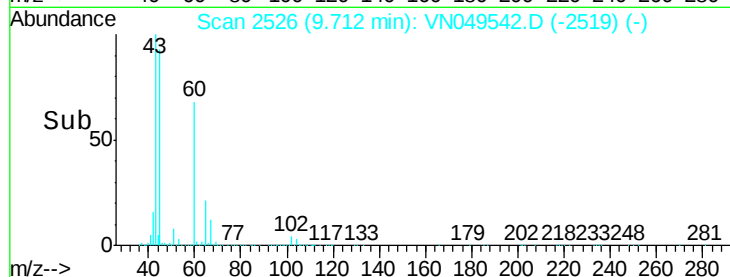
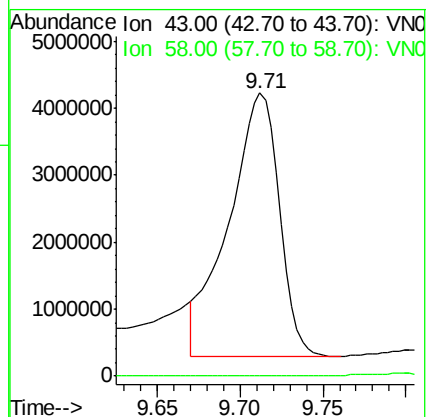
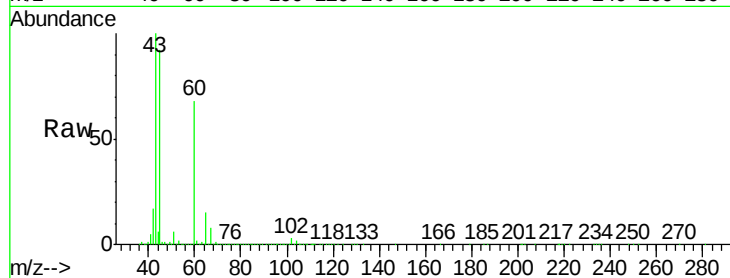
CS-PAINT-CHIP

Tot Ion: 43 Resp: 8349986

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



#52

Toluene

Concen: 49399.38 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.21 min

Lab File: VN049542.D

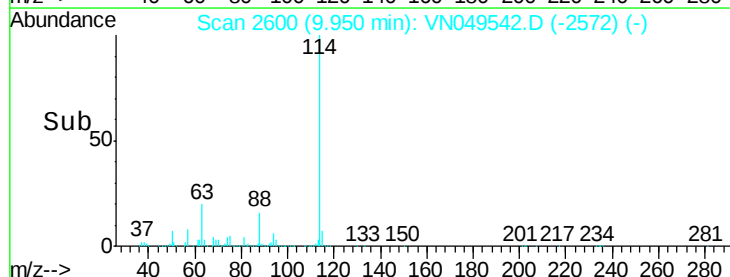
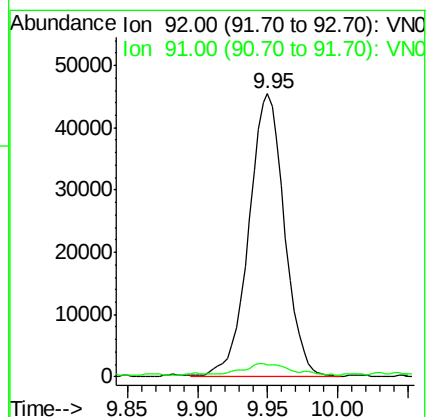
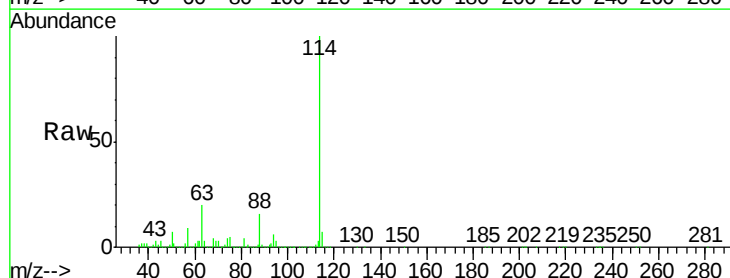
Acq: 26 Jun 2018 5:37

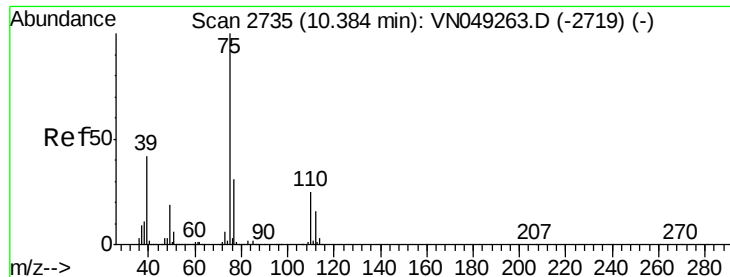
Tgt Ion: 92 Resp: 80481

Ion Ratio Lower Upper

92 100

91 4.7 143.4 215.2#





#53

t-1,3-Dichloropropene

Concen: 398033.80 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.43 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

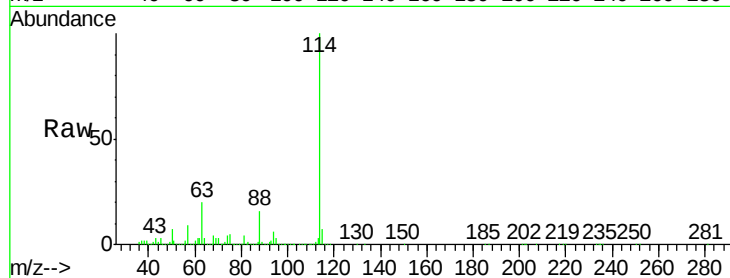
CS-PAINT-CHIP

Tot Ion: 75 Resp: 352639

Ion Ratio Lower Upper

75 100

77 0.5 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

9.95

200000

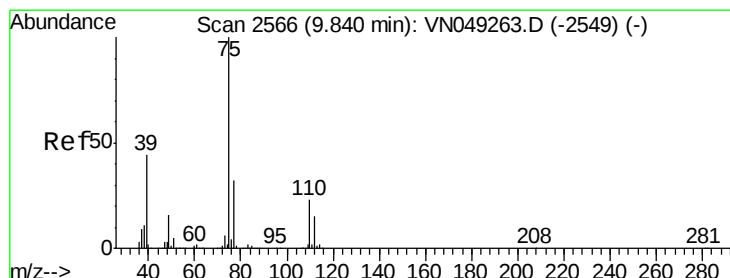
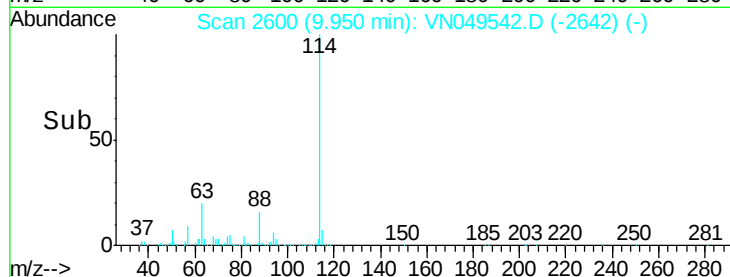
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 391203.55 ug/l

RT: 9.50 min Scan# 2461

Delta R.T. -0.34 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

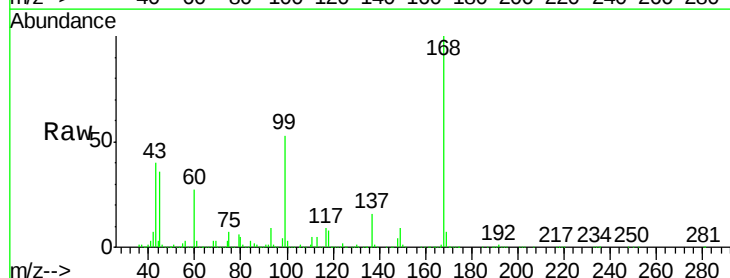
Tgt Ion: 75 Resp: 409232

Ion Ratio Lower Upper

75 100

77 0.3 24.8 37.2#

39 0.4 45.1 67.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.50

300000

250000

200000

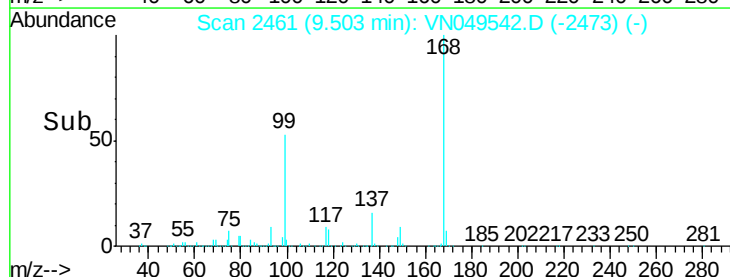
150000

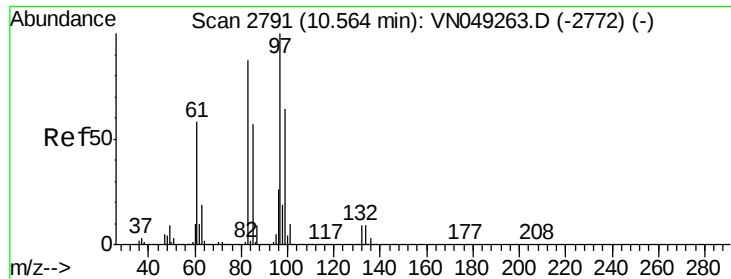
100000

50000

0

Time-->

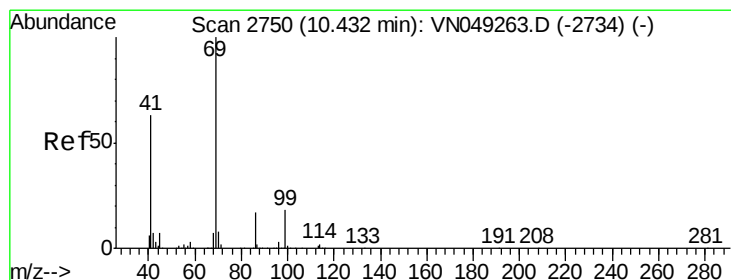
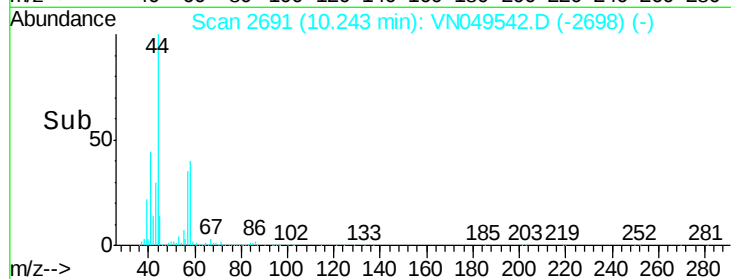
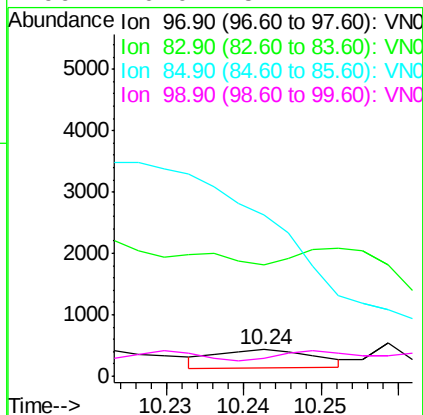
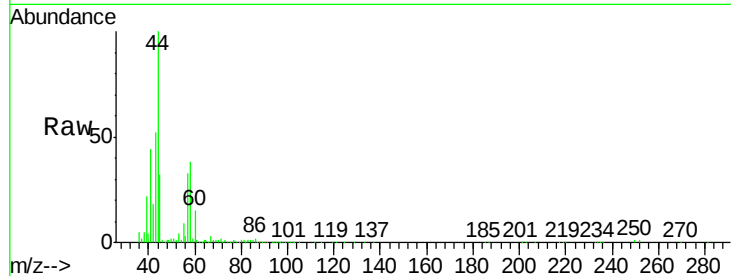




#55
 1,1,2-Trichloroethane
 Concen: 452.79 ug/l
 RT: 10.24 min Scan# 2691
 Delta R.T. -0.32 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

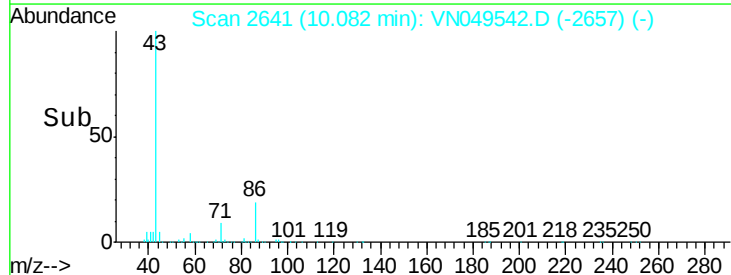
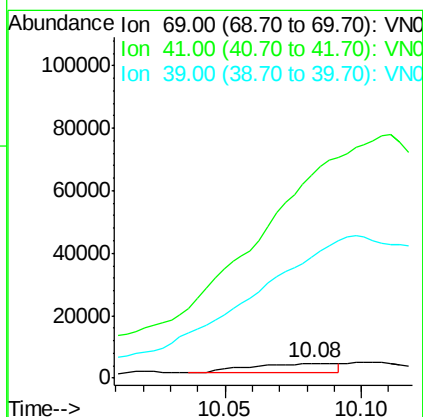
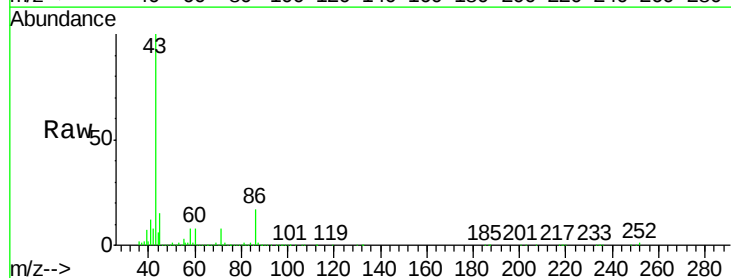
Instrument :
 MSVOA_N
 ClientSampled :
 CS-PAINT-CHIP

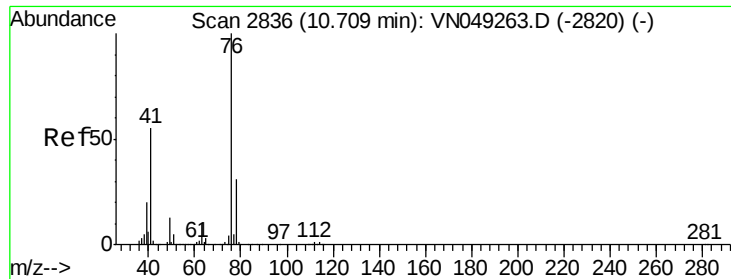
Tot Ion: 97 Resp: 275
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.5 107.3#
 85 795.8 47.0 70.4#
 99 0.0 51.4 77.2#



#56
 Ethyl methacrylate
 Concen: 9723.48 ug/l
 RT: 10.08 min Scan# 2641
 Delta R.T. -0.35 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Tgt Ion: 69 Resp: 6813
 Ion Ratio Lower Upper
 69 100
 41 0.0 58.4 87.6#
 39 0.0 35.5 53.3#





#57

1,3-Dichloropropane

Concen: 190.83 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. -0.36 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

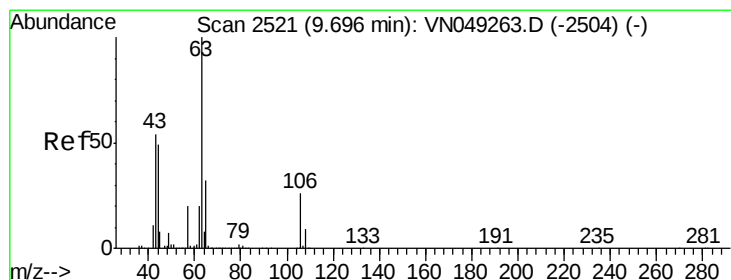
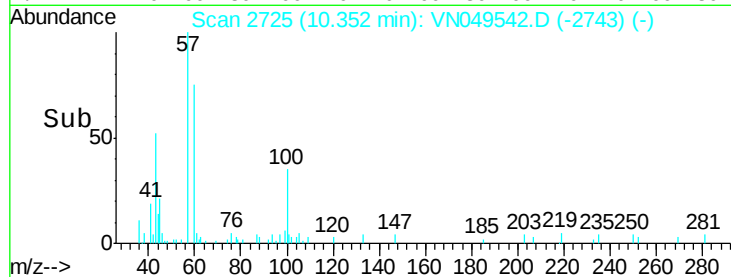
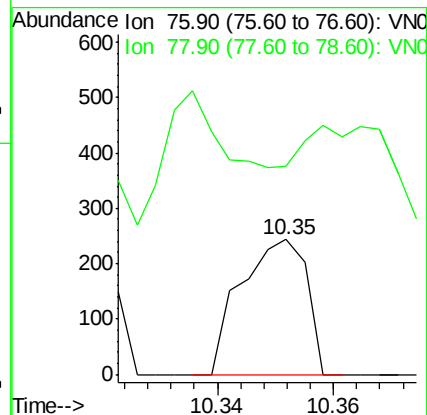
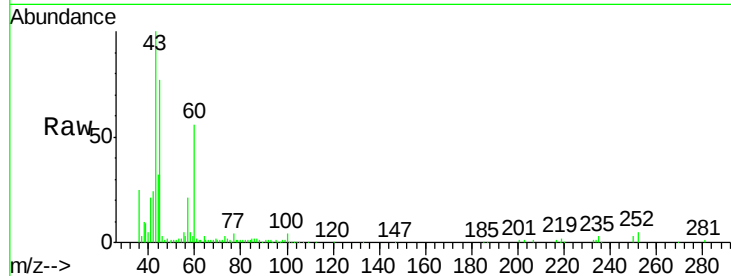
CS-PAINT-CHIP

Tot Ion: 76 Resp: 192

Ion Ratio Lower Upper

76 100

78 103.1 26.3 39.5#



#58

2-Chloroethyl Vinyl ether

Concen: 695.49 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.33 min

Lab File: VN049542.D

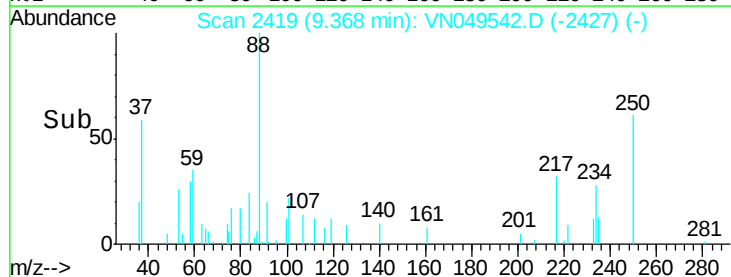
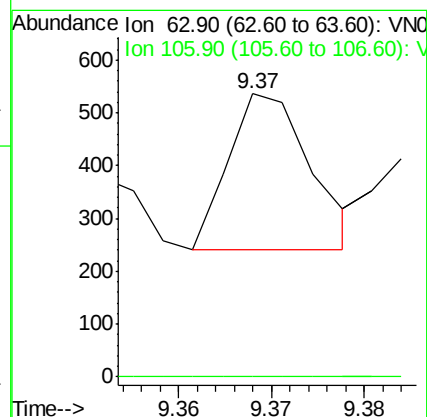
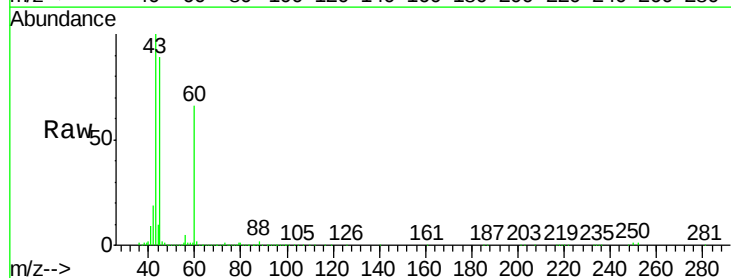
Acq: 26 Jun 2018 5:37

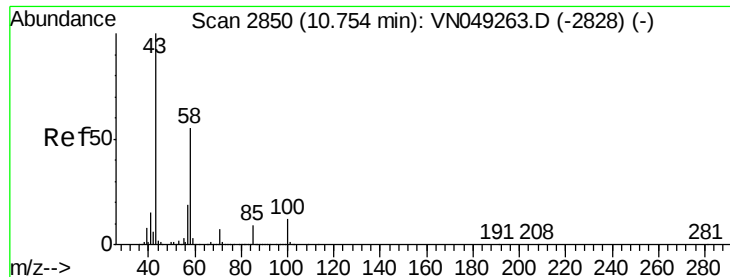
Tgt Ion: 63 Resp: 181

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#





#59

2-Hexanone

Concen: 105429.76 ug/l

RT: 10.36 min Scan# 2729

Delta R.T. -0.39 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

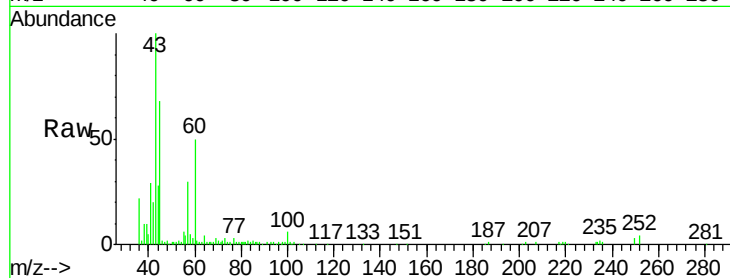
CS-PAINT-CHIP

Tot Ion: 43 Resp: 33503

Ion Ratio Lower Upper

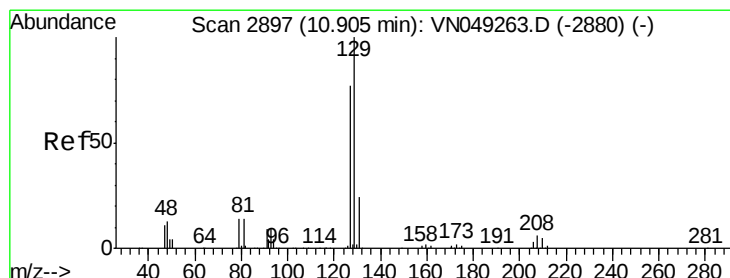
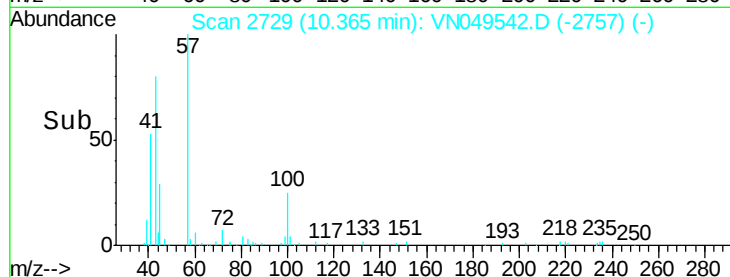
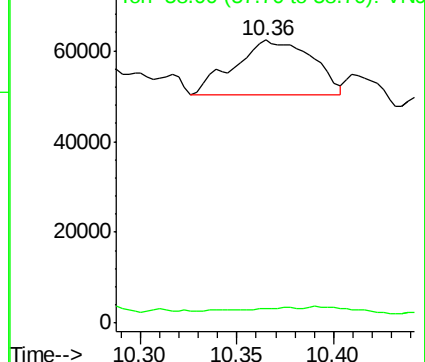
43 100

58 0.0 25.2 75.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#60

Dibromochloromethane

Concen: 45.73 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.34 min

Lab File: VN049542.D

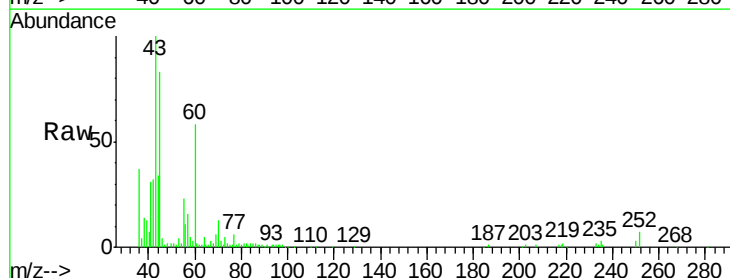
Acq: 26 Jun 2018 5:37

Tgt Ion: 129 Resp: 31

Ion Ratio Lower Upper

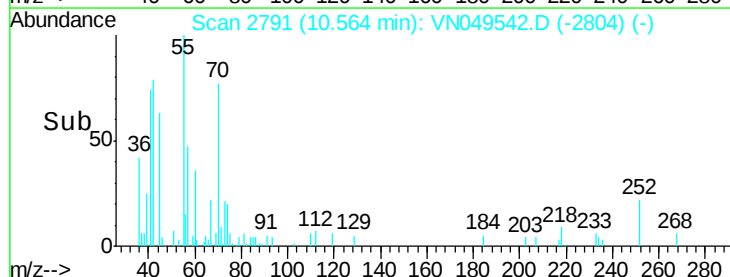
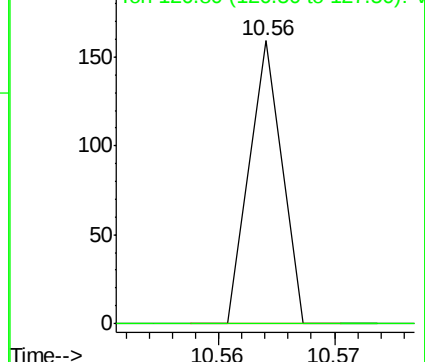
129 100

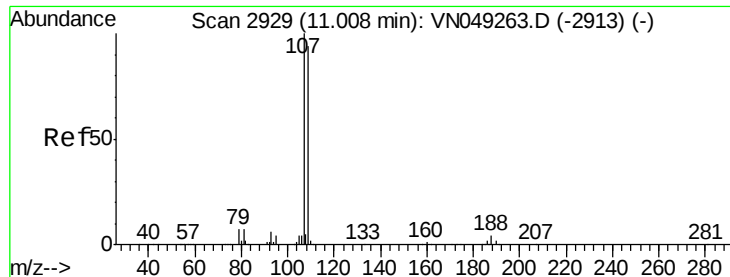
127 206.5 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

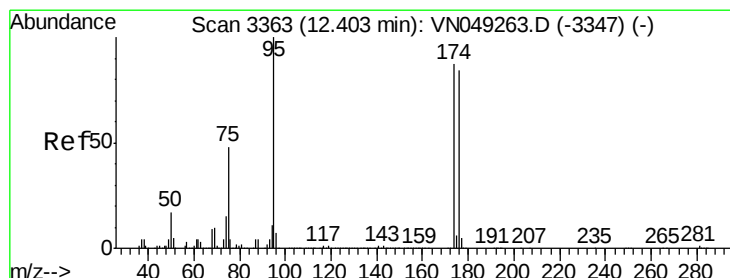
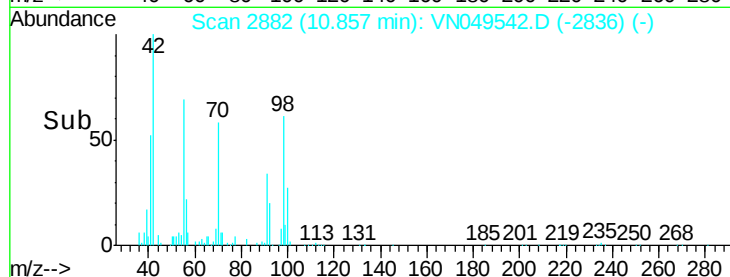
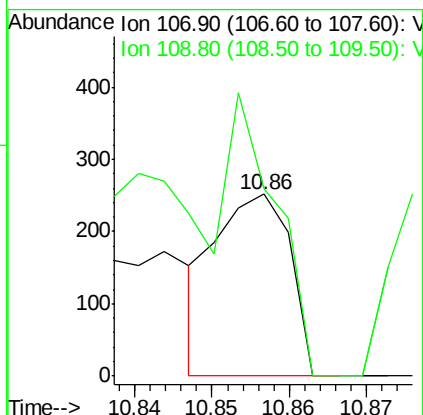
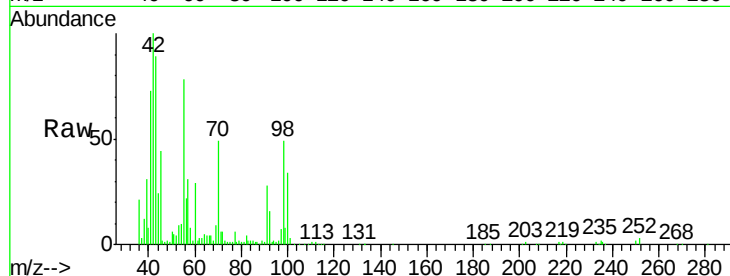




#61
 1,2-Dibromoethane
 Concen: 297.59 ug/l
 RT: 10.86 min Scan# 2882
 Delta R.T. -0.15 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

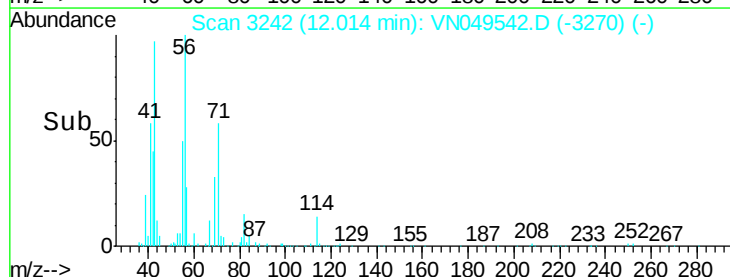
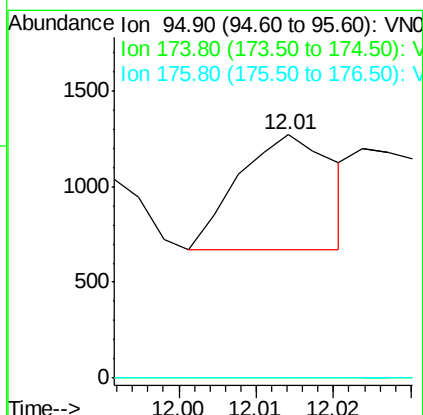
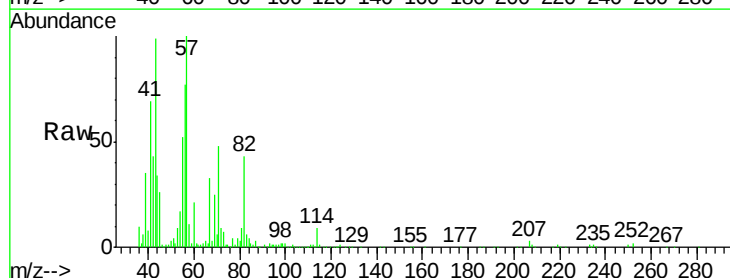
Instrument :
 MSVOA_N
 ClientSampled :
 CS-PAINT-CHIP

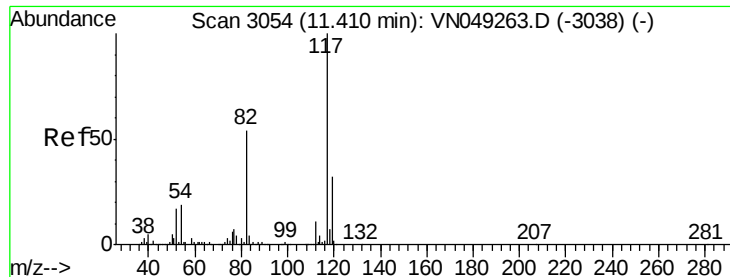
Tot Ion: 107 Resp: 168
 Ion Ratio Lower Upper
 107 100
 109 100.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 635.03 ug/l
 RT: 12.01 min Scan# 3242
 Delta R.T. -0.39 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Tgt Ion: 95 Resp: 511
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 165.6
 176 0.0 0.0 157.4

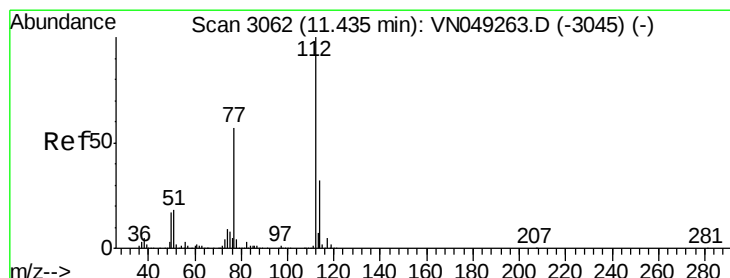
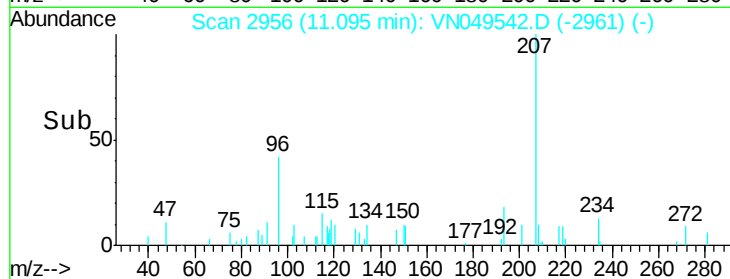
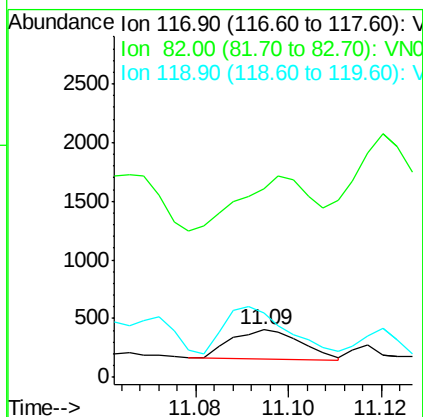
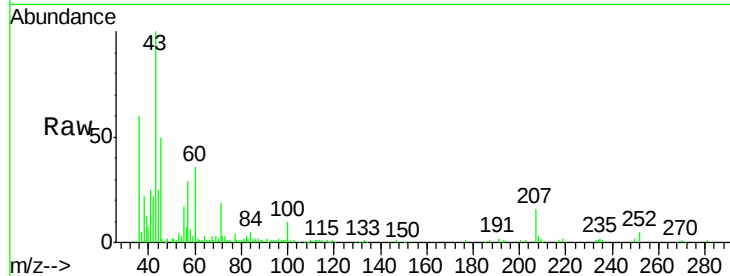




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.09 min Scan# 2956
Delta R.T. -0.31 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

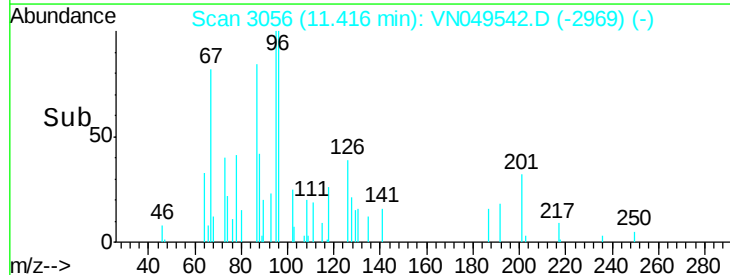
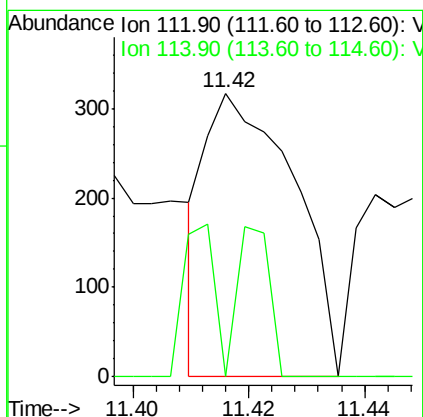
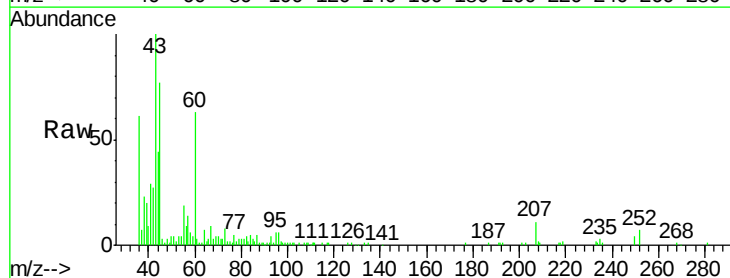
Instrument :
MSVOA_N
ClientSampleId :
CS-PAINT-CHIP

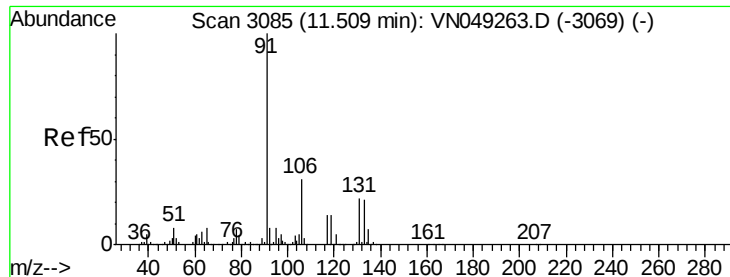
Tot Ion:117 Resp: 264
Ion Ratio Lower Upper
117 100
82 91.0 45.9 68.9#
119 81.8 25.5 38.3#



#65
Chlorobenzene
Concen: 49.85 ug/l
RT: 11.42 min Scan# 3056
Delta R.T. -0.02 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

Tgt Ion:112 Resp: 339
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.4#

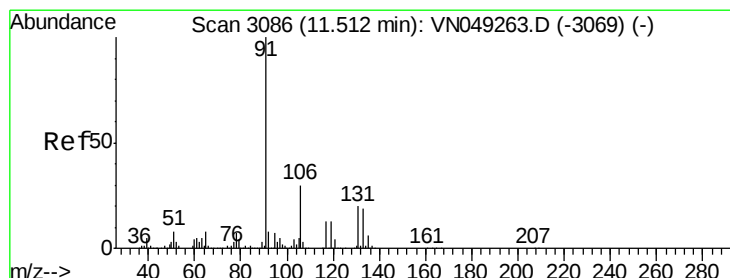
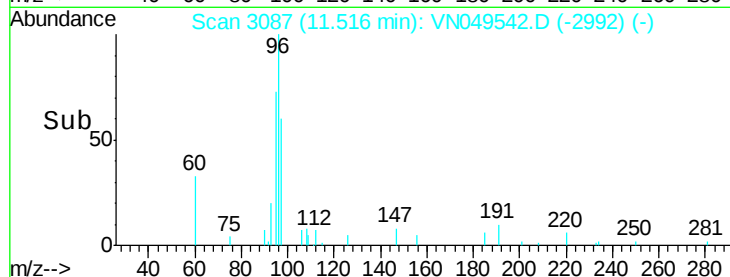
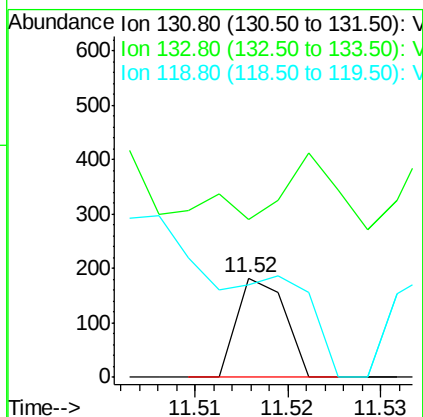
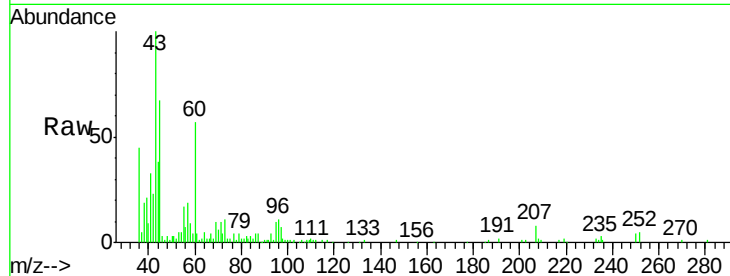




#66
 1,1,1,2-Tetrachloroethane
 Concen: 25.40 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

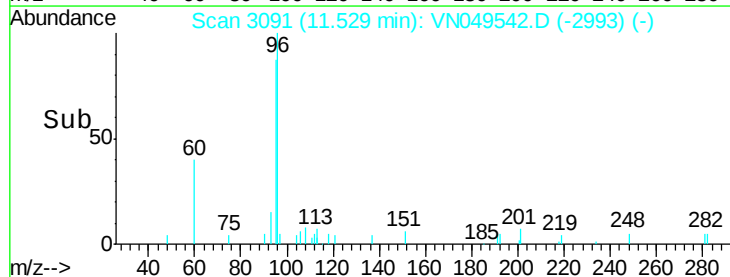
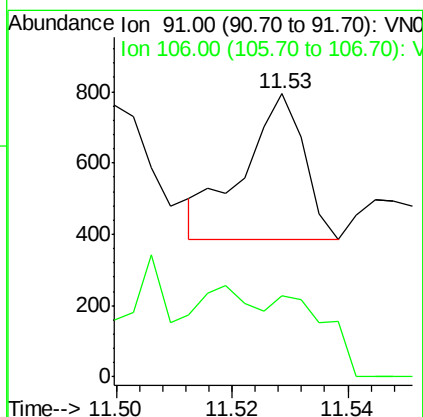
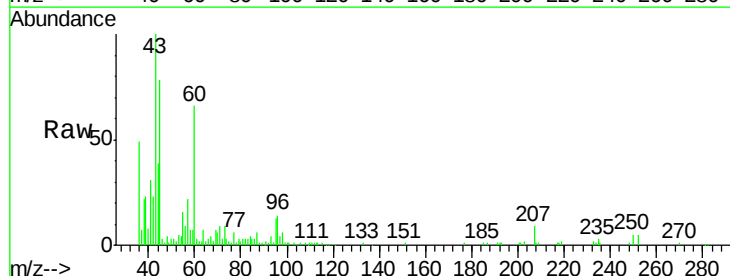
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-PAINT-CHIP

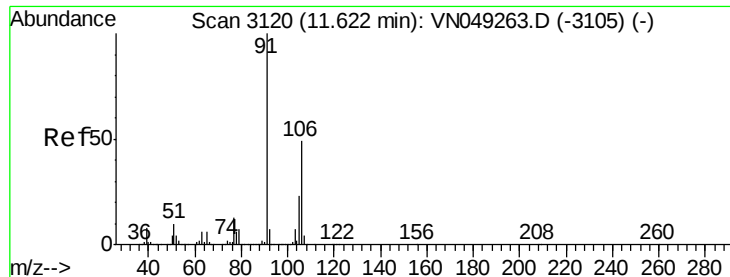
Tot Ion:131 Resp: 65
 Ion Ratio Lower Upper
 131 100
 133 78.5 48.0 144.2
 119 0.0 33.6 100.8#



#67
 Ethyl Benzene
 Concen: 26.15 ug/l
 RT: 11.53 min Scan# 3091
 Delta R.T. 0.02 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Tgt Ion: 91 Resp: 295
 Ion Ratio Lower Upper
 91 100
 106 17.4 23.9 35.9#





#68

m/p-Xylenes

Concen: 1818.61 ug/l

RT: 11.83 min Scan# 3186

Delta R.T. 0.21 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

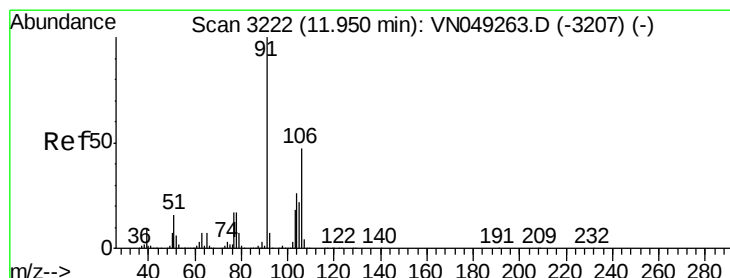
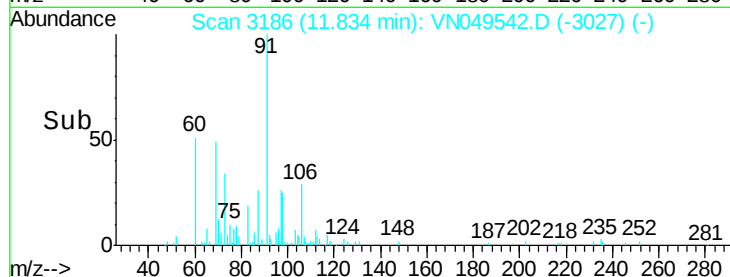
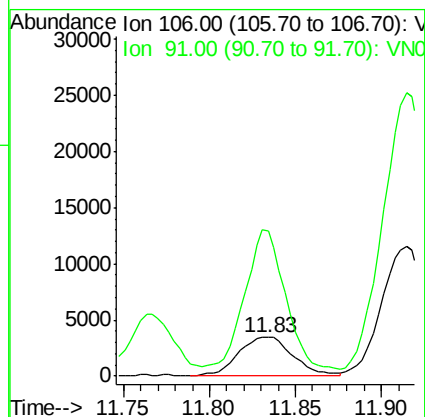
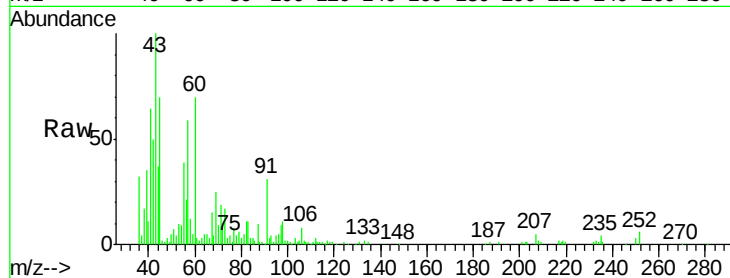
CS-PAINT-CHIP

Tot Ion:106 Resp: 7699

Ion Ratio Lower Upper

106 100

91 262.3 167.3 250.9#



#69

o-Xylene

Concen: 5137.20 ug/l

RT: 11.91 min Scan# 3211

Delta R.T. -0.04 min

Lab File: VN049542.D

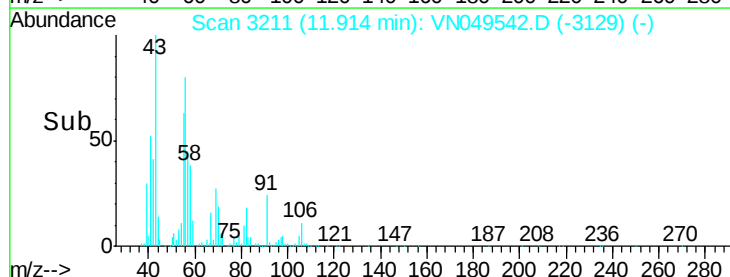
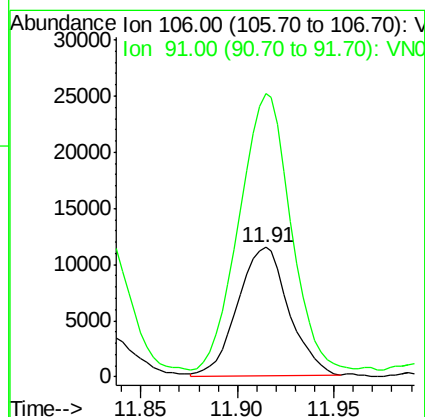
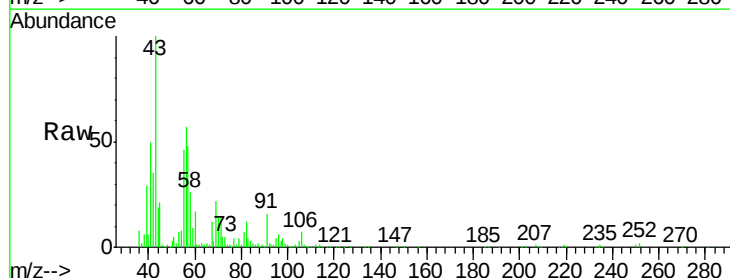
Acq: 26 Jun 2018 5:37

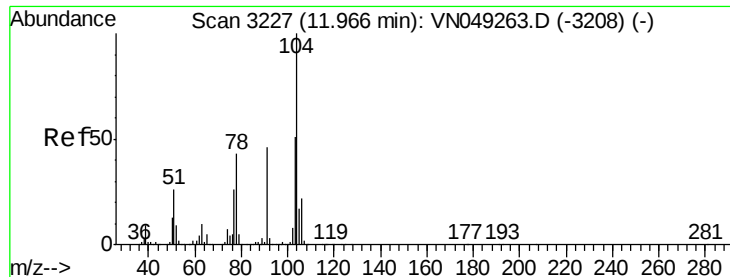
Tgt Ion:106 Resp: 20947

Ion Ratio Lower Upper

106 100

91 215.6 111.0 333.0





#70

Stvrene

Concen: 102.44 ug/l

RT: 11.93 min Scan# 3217

Delta R.T. -0.03 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

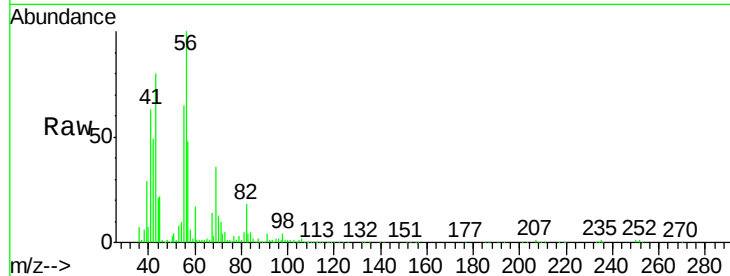
Tot Ion:104 Resp: 659

Ion Ratio Lower Upper

104 100

78 0.0 41.6 62.4#

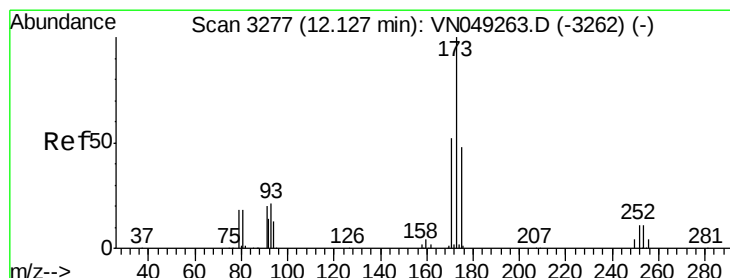
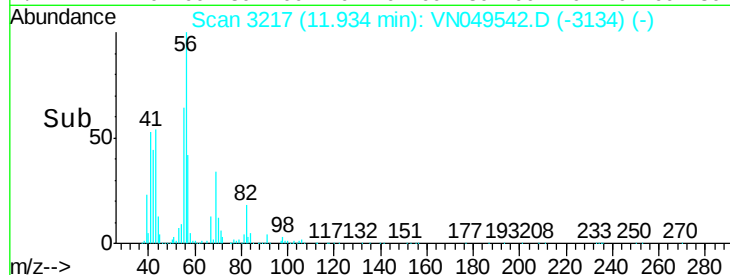
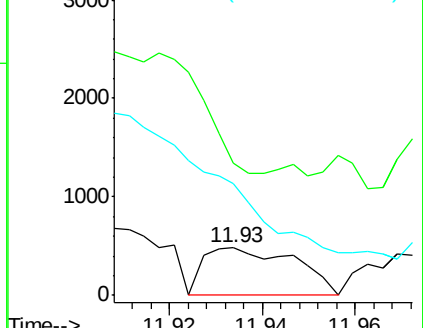
103 0.0 45.4 68.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 19.32 ug/l

RT: 12.32 min Scan# 3338

Delta R.T. 0.20 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

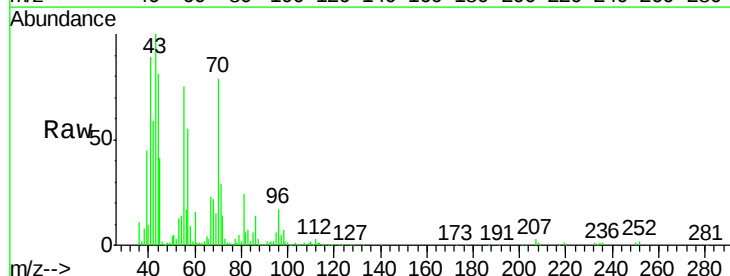
Tgt Ion:173 Resp: 32

Ion Ratio Lower Upper

173 100

175 0.0 24.5 73.5#

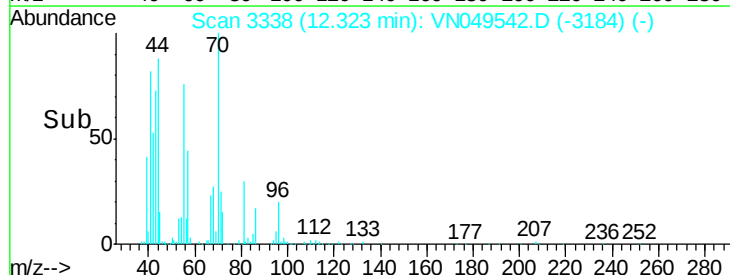
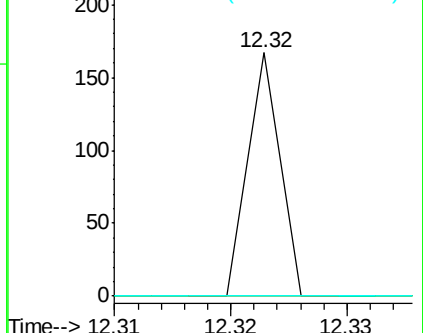
254 0.0 0.1 0.1#

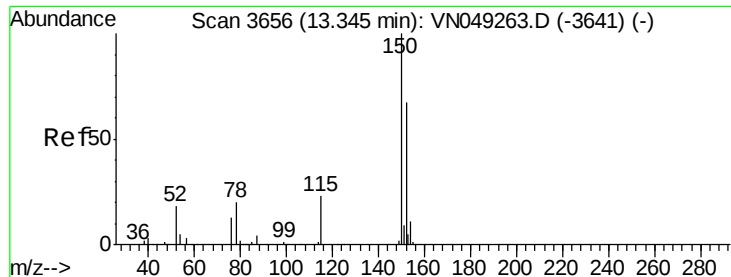


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 3680

Delta R.T. 0.08 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

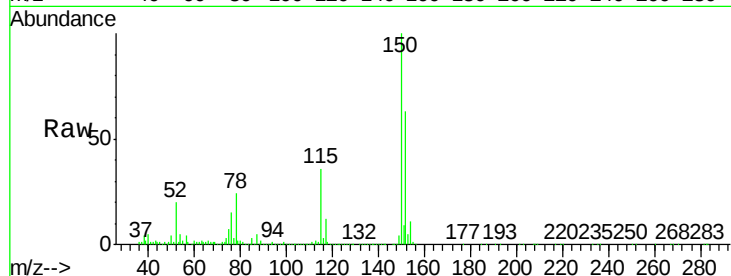
Tot Ion:152 Resp: 1580401

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.1

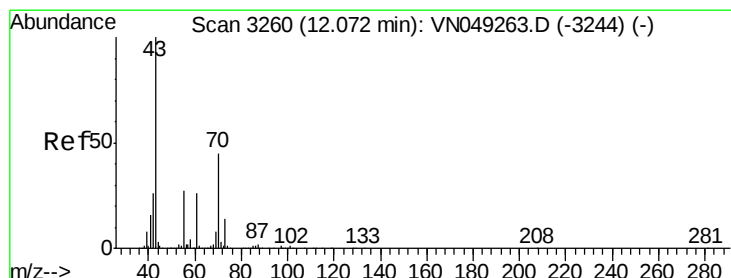
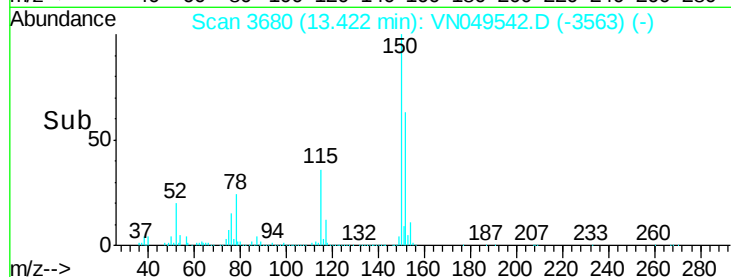
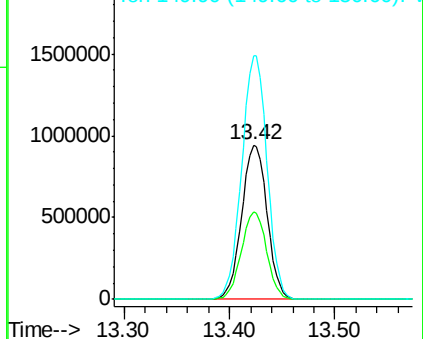
150 157.3 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 19.63 ug/l

RT: 11.97 min Scan# 3229

Delta R.T. -0.10 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Tgt Ion: 43 Resp: 667207

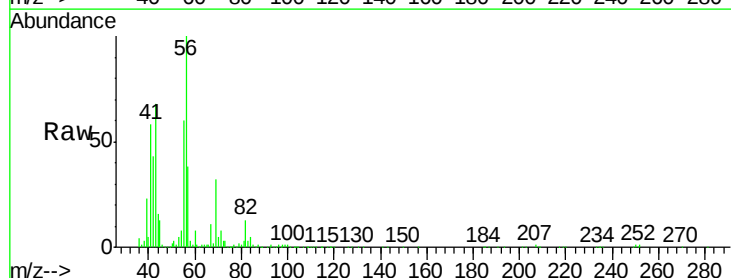
Ion Ratio Lower Upper

43 100

70 3.4 30.3 45.5#

55 132.4 19.4 29.2#

61 0.2 17.8 26.6#

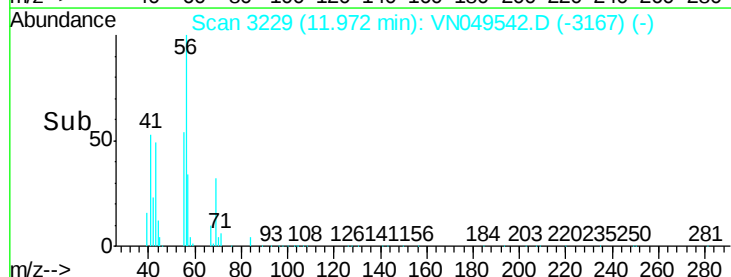
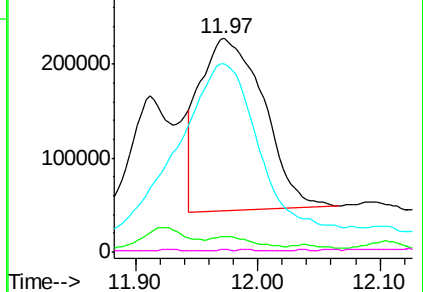


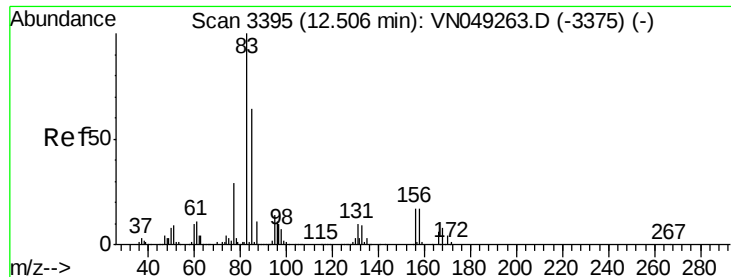
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3386

Delta R.T. -0.03 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

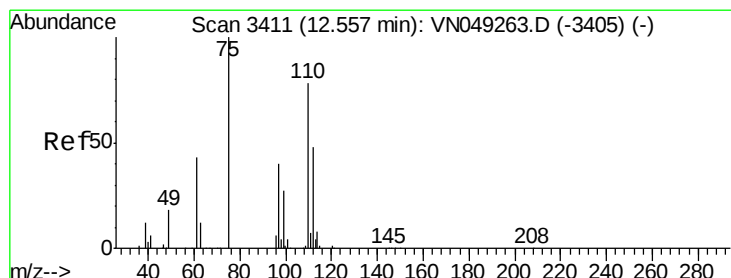
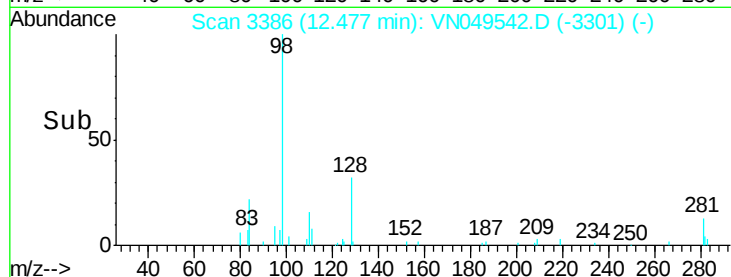
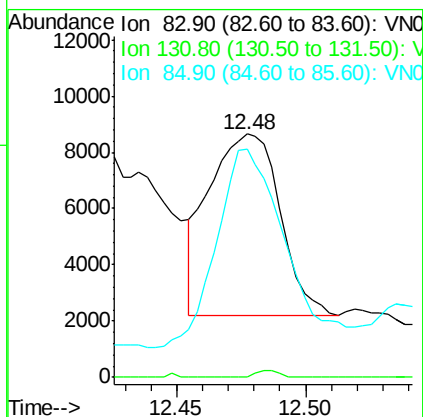
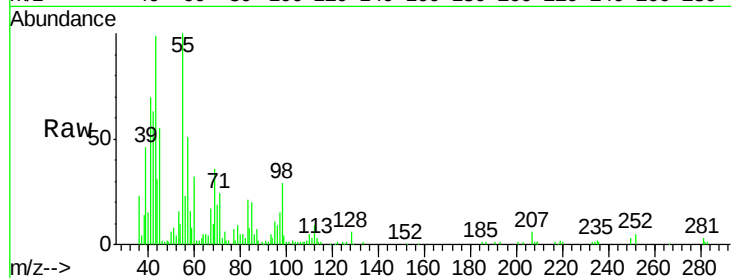
Tot Ion: 83 Resp: 12362

Ion Ratio Lower Upper

83 100

131 1.2 5.0 15.0#

85 106.9 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 37.24 ug/l

RT: 12.57 min Scan# 3416

Delta R.T. 0.02 min

Lab File: VN049542.D

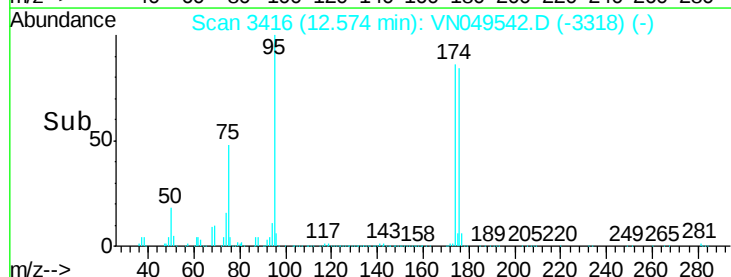
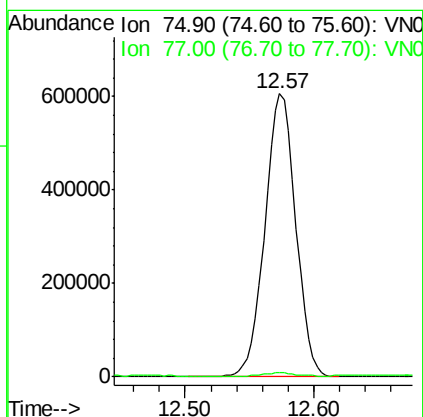
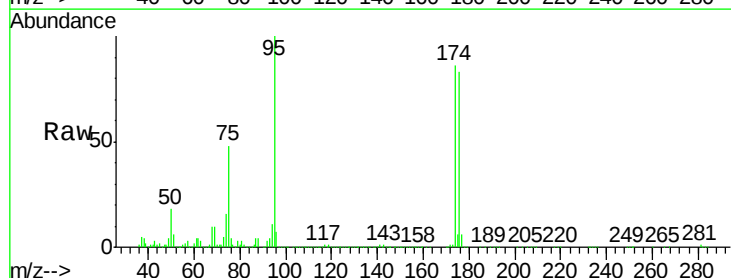
Acq: 26 Jun 2018 5:37

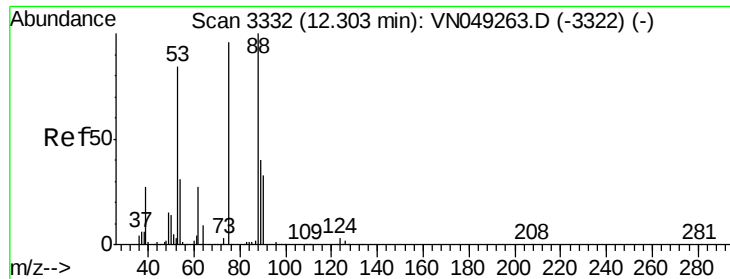
Tgt Ion: 75 Resp: 1004231

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

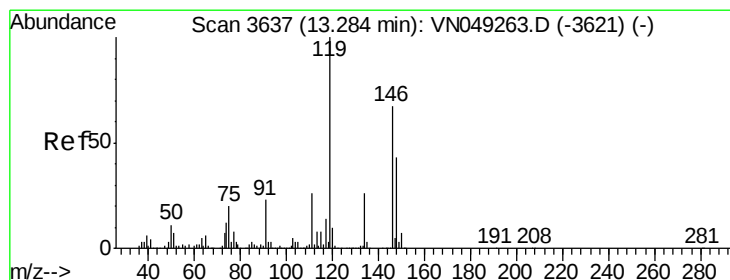
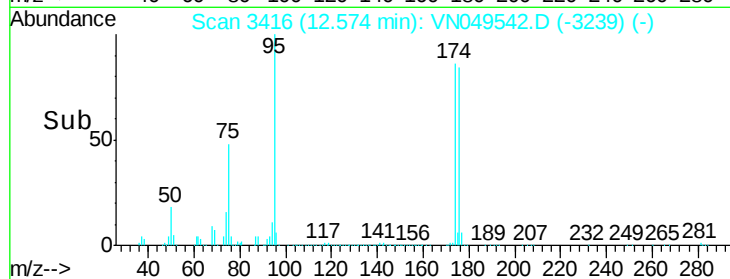
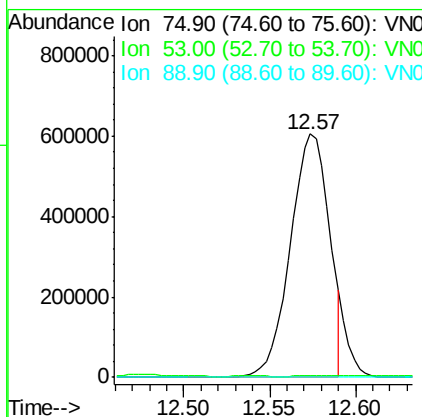
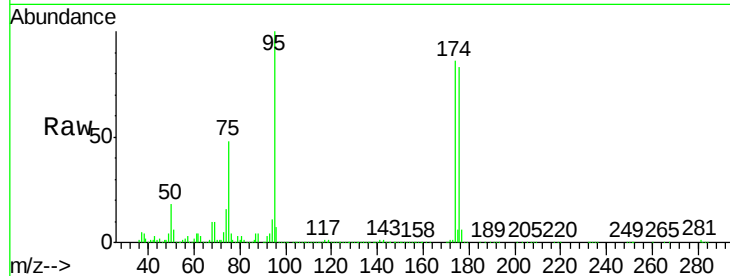




#81
trans-1,4-Dichloro-2-butene
Concen: 110.95 ug/l
RT: 12.57 min Scan# 3416
Delta R.T. 0.27 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

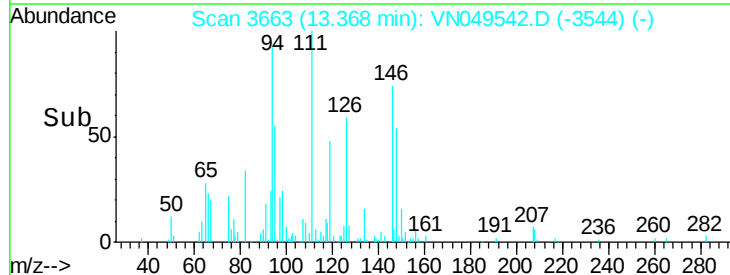
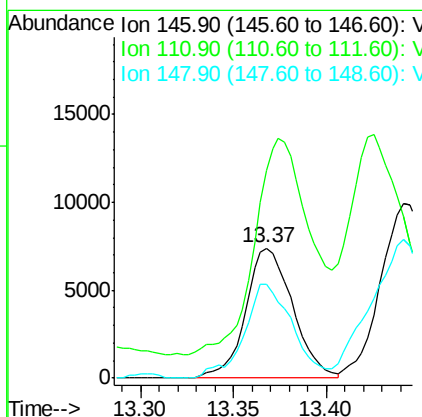
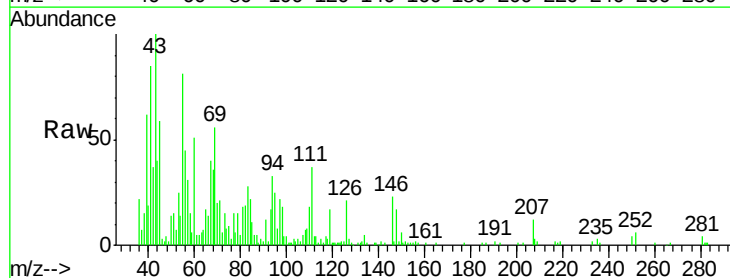
Instrument :
MSVOA_N
ClientSampleId :
CS-PAINT-CHIP

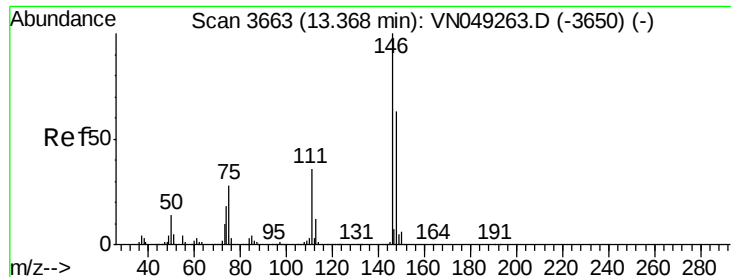
Tot Ion: 75 Resp: 946605
Ion Ratio Lower Upper
75 100
53 0.2 82.7 124.1#
89 0.0 36.5 54.7#



#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 13.37 min Scan# 3663
Delta R.T. 0.08 min
Lab File: VN049542.D
Acq: 26 Jun 2018 5:37

Tgt Ion: 146 Resp: 13008
Ion Ratio Lower Upper
146 100
111 197.5 19.9 59.6#
148 73.5 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 0.22 ug/l

RT: 13.37 min Scan# 3663

Delta R.T. 0.00 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampled :

CS-PAINT-CHIP

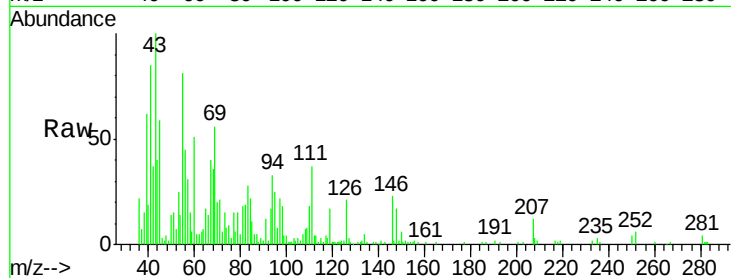
Tot Ion:146 Resp: 13008

Ion Ratio Lower Upper

146 100

111 197.5 19.1 57.1#

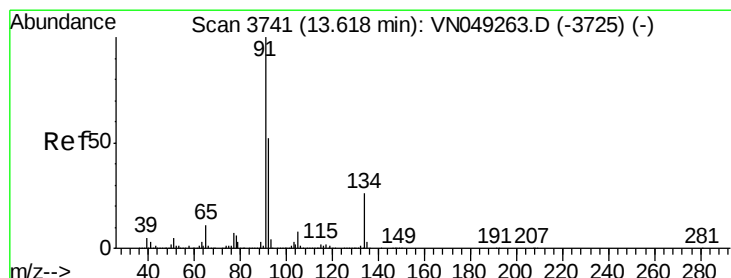
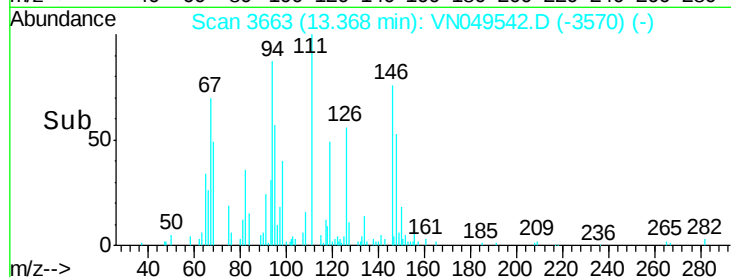
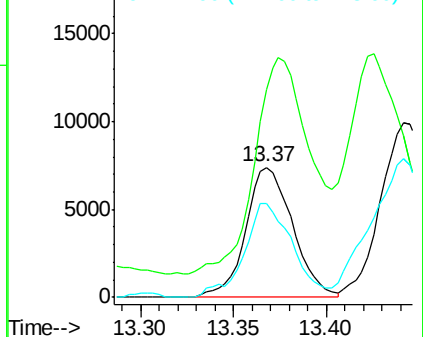
148 73.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.24 ug/l

RT: 13.67 min Scan# 3756

Delta R.T. 0.05 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

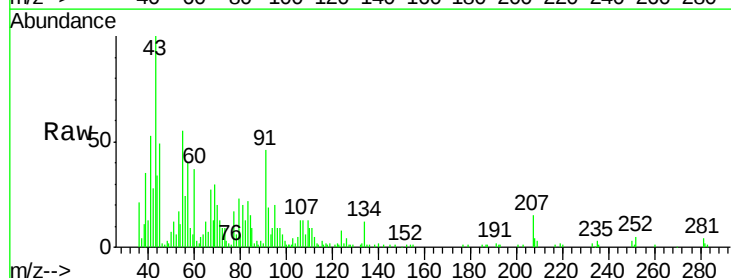
Tgt Ion: 91 Resp: 20287

Ion Ratio Lower Upper

91 100

92 47.9 25.1 75.4

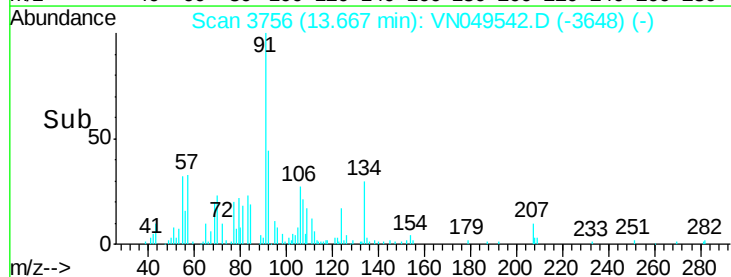
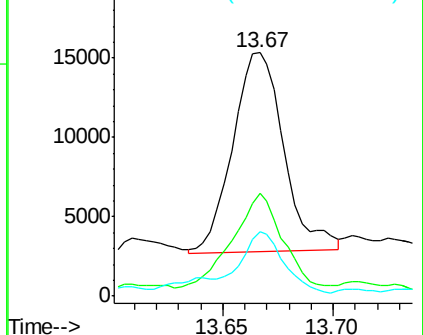
134 24.9 12.0 36.0

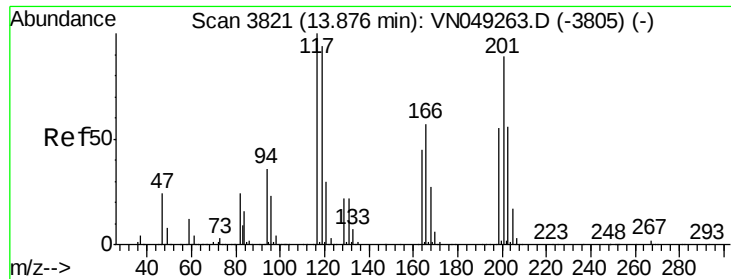


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3819

Delta R.T. -0.01 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampled :

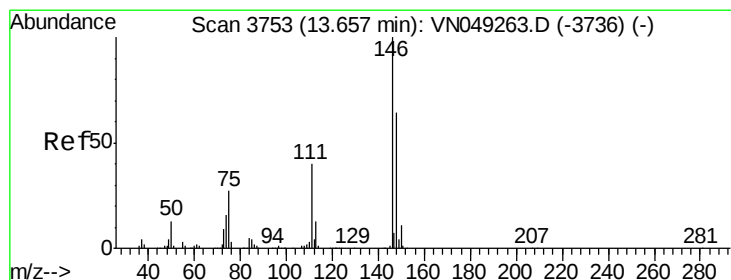
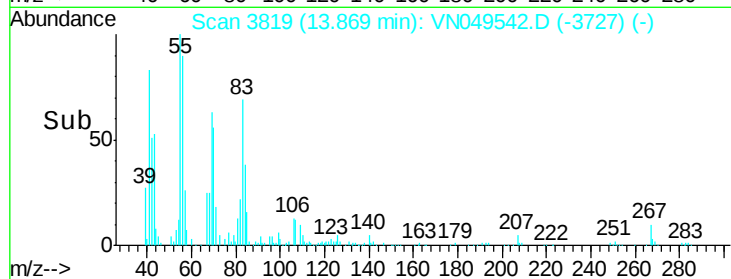
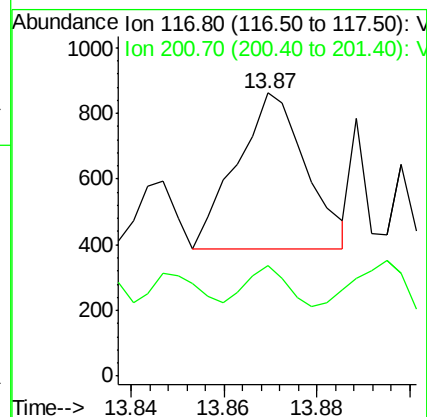
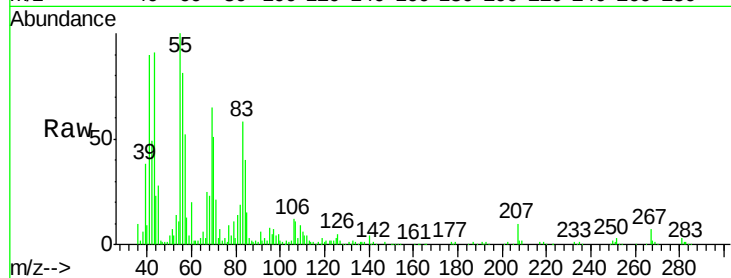
CS-PAINT-CHIP

Tot Ion:117 Resp: 493

Ion Ratio Lower Upper

117 100

201 14.4 40.1 120.2#



#91

1,2-Dichlorobenzene

Concen: 0.28 ug/l

RT: 13.72 min Scan# 3772

Delta R.T. 0.06 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

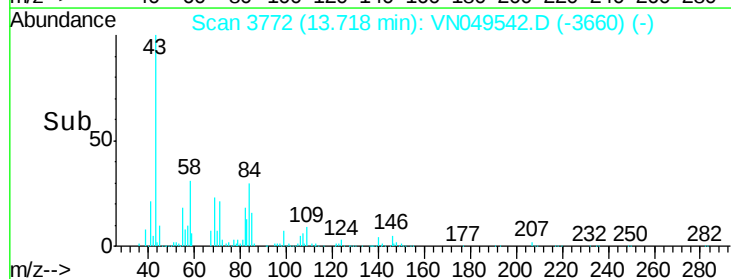
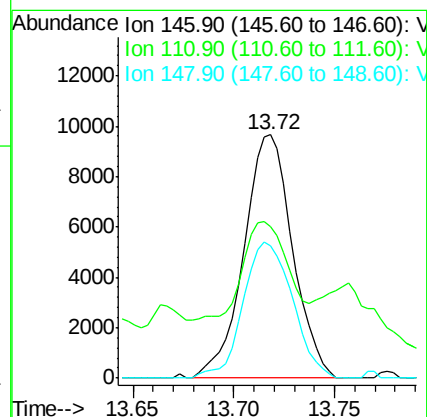
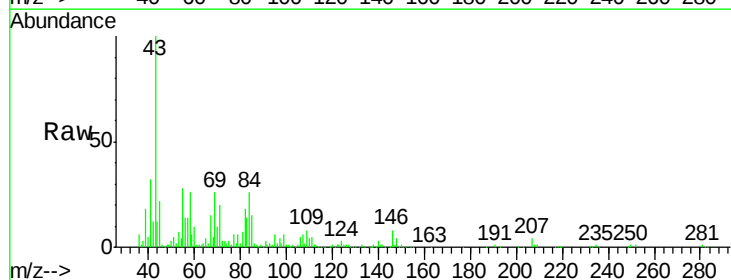
Tgt Ion:146 Resp: 16333

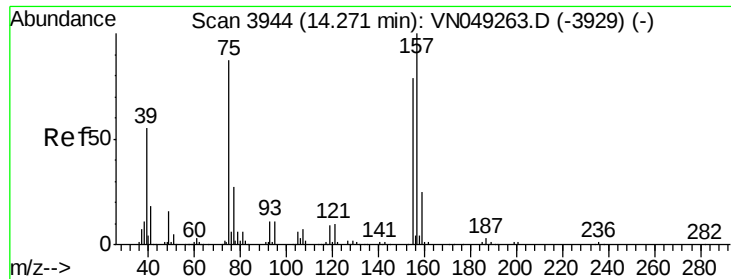
Ion Ratio Lower Upper

146 100

111 33.6 20.8 62.2

148 56.7 32.0 96.2

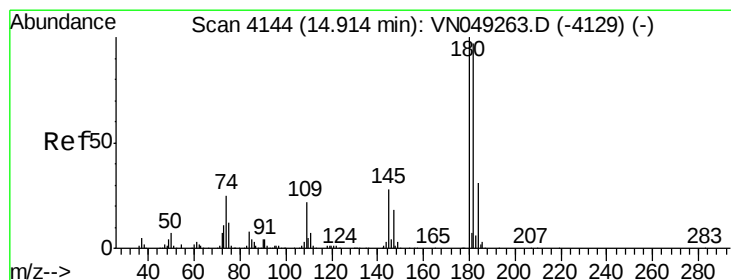
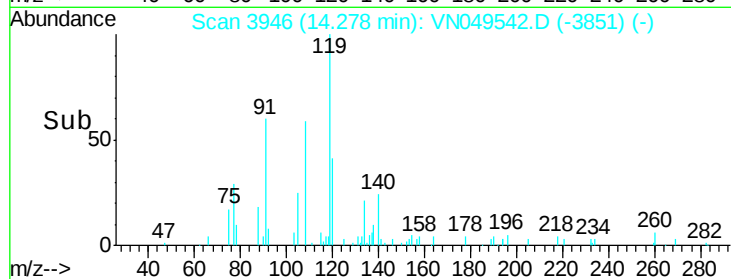
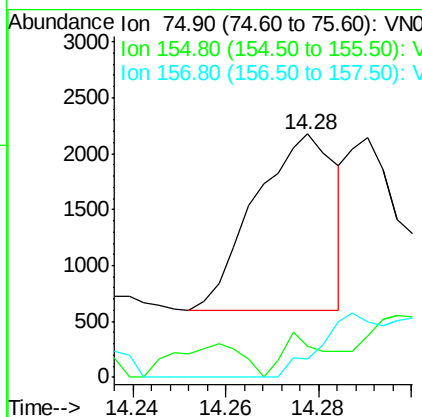
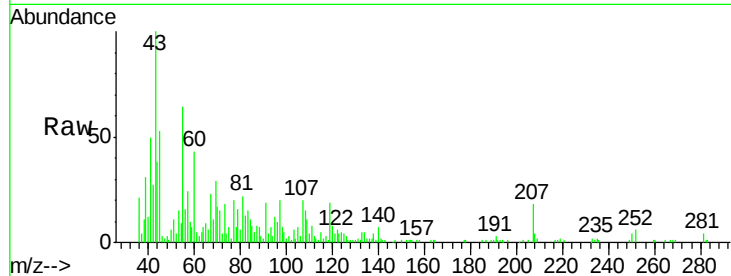




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.39 ug/l
 RT: 14.28 min Scan# 3946
 Delta R.T. 0.01 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

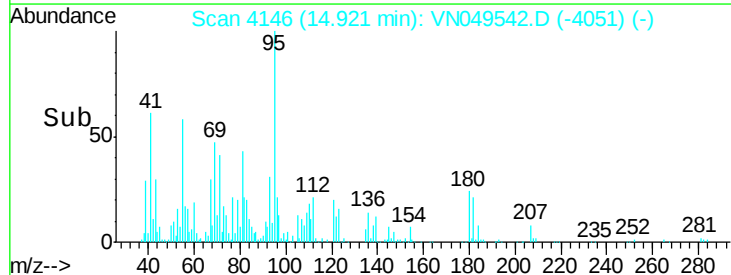
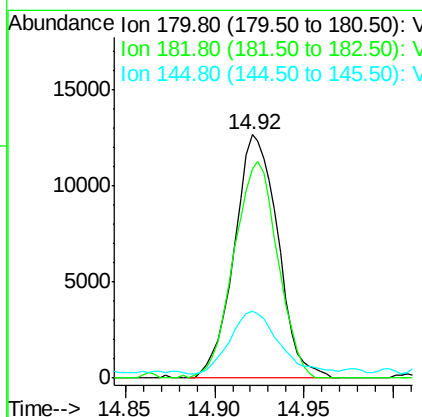
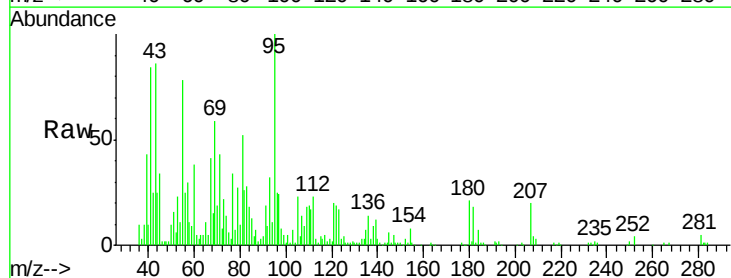
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-PAINT-CHIP

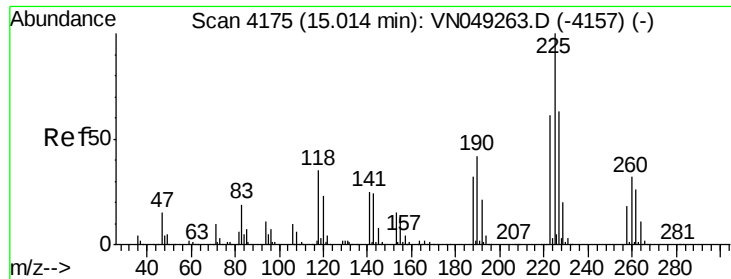
Tot Ion: 75 Resp: 1903
 Ion Ratio Lower Upper
 75 100
 155 13.2 38.8 116.3#
 157 0.0 51.0 153.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.47 ug/l
 RT: 14.92 min Scan# 4146
 Delta R.T. 0.01 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Tgt Ion: 180 Resp: 21665
 Ion Ratio Lower Upper
 180 100
 182 89.6 46.9 140.8
 145 28.5 14.7 44.1





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

Instrument :

MSVOA_N

ClientSampleId :

CS-PAINT-CHIP

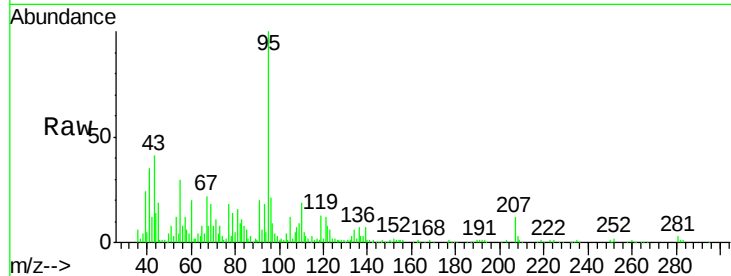
Tot Ion:225 Resp: 1915

Ion Ratio Lower Upper

225 100

223 89.9 32.1 96.3

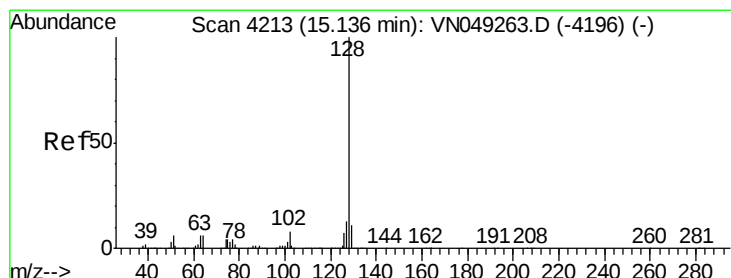
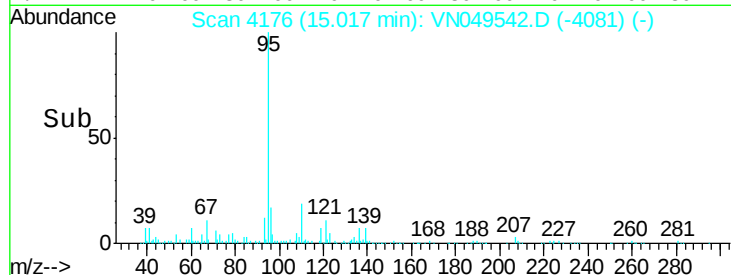
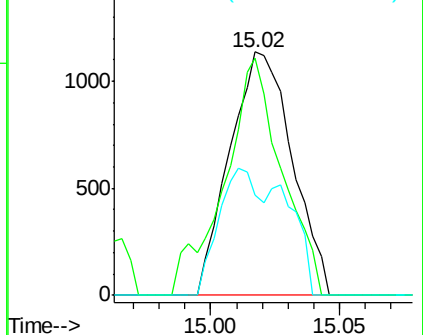
227 34.7 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 16.83 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN049542.D

Acq: 26 Jun 2018 5:37

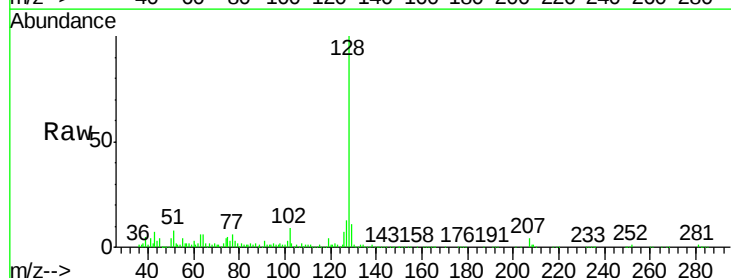
Tgt Ion:128 Resp: 674276

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

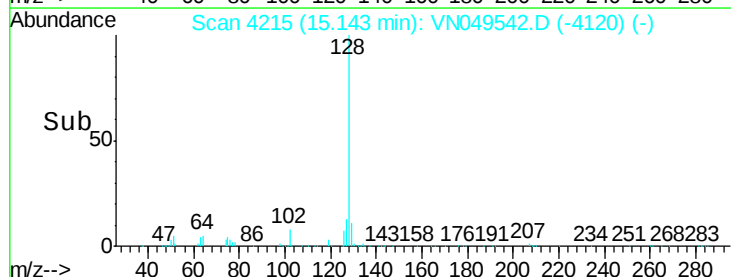
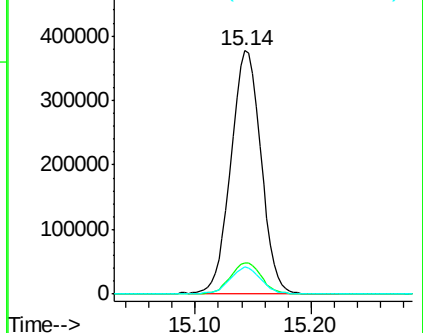
129 10.9 8.5 12.7

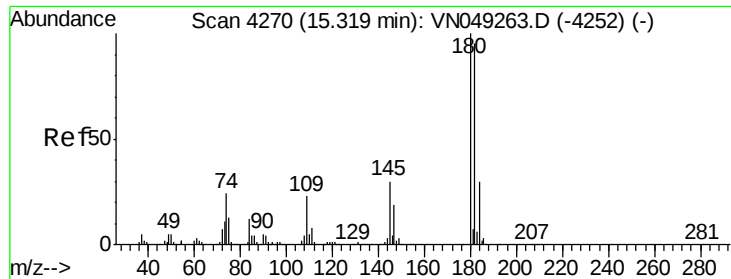


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

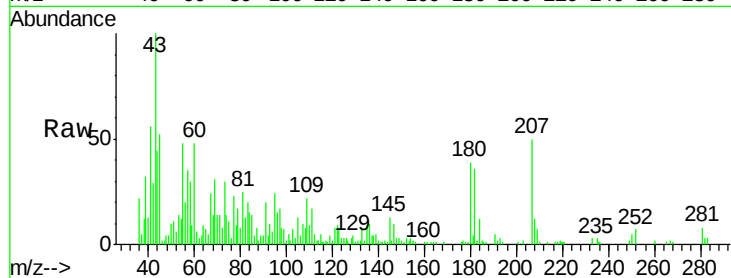




#96
 1,2,3-Trichlorobenzene
 Concen: 4.12 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049542.D
 Acq: 26 Jun 2018 5:37

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-PAINT-CHIP

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.8
145	30.0	15.6	46.7



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

