

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058462.D
 Acq On : 1 Oct 2019 14:02
 Operator : JC/SP
 Sample : K5095-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

Quant Time: Oct 02 01:27:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	429355	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.58	114	704150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	279425	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	286355	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
35) Dibromofluoromethane	7.61	113	123189	28.54	ug/l	0.04
Spiked Amount			Recovery	=	57.08%	
50) Toluene-d8	10.09	98	852942	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.41	95	283015	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	21895	4.230	ug/l	96
4) Vinyl Chloride	2.17	62	88912	17.536	ug/l	99
5) Bromomethane	2.56	94	1268	0.471	ug/l #	49
6) Chloroethane	2.69	64	21759	7.162	ug/l	97
8) Diethyl Ether	3.39	74	21535	8.157	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2242426	539.651	ug/l	94
10) Methyl Iodide	3.93	142	1023	0.222	ug/l #	50
11) Tert butyl alcohol	4.76	59	5942	8.525	ug/l #	82
12) 1,1-Dichloroethene	3.72	96	22616871	5583.972	ug/l #	51
13) Acrolein	3.60	56	99	0.447	ug/l #	71
14) Allyl chloride	4.24	41	2086	0.283	ug/l #	41
16) Acetone	3.80	43	154795	72.373	ug/l	94
17) Carbon Disulfide	4.03	76	10380	0.972	ug/l	96
18) Methyl Acetate	4.32	43	2011	0.374	ug/l #	68
20) Methylene Chloride	4.53	84	1213722	245.896	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	458067	101.702	ug/l	98
24) 1,1-Dichloroethane	5.83	63	9863324	1104.906	ug/l #	92
25) 2-Butanone	6.82	43	39392	13.414	ug/l #	1
27) cis-1,2-Dichloroethene	6.81	96	9955432	1891.181	ug/l	71
28) Bromochloromethane	7.36	49	247943	69.485	ug/l #	16
29) Tetrahydrofuran	7.20	42	496	0.266	ug/l #	52
30) Chloroform	7.36	83	2766434	305.822	ug/l	100
31) Cyclohexane	7.66	56	19157	2.206	ug/l #	1
32) 1,1,1-Trichloroethane	7.56	97	13287873	1788.798	ug/l #	61
36) 1,1-Dichloropropene	7.66	75	39924	5.930	ug/l #	52
37) Ethyl Acetate	6.82	43	39392	6.901	ug/l #	1
38) Carbon Tetrachloride	7.56	117	8651421	1423.504	ug/l #	73
39) Methylcyclohexane	9.08	83	24199	3.078	ug/l	91
40) Benzene	8.03	78	7499187	387.475	ug/l #	47
41) Methacrylonitrile	7.20	41	681	0.259	ug/l #	31
42) 1,2-Dichloroethane	8.11	62	294155	39.066	ug/l	100
43) Isopropyl Acetate	8.26	43	22861	2.130	ug/l #	63
44) Trichloroethene	8.83	130	9243078	1934.159	ug/l	96
45) 1,2-Dichloropropane	8.83	63	96818	18.653	ug/l #	1

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

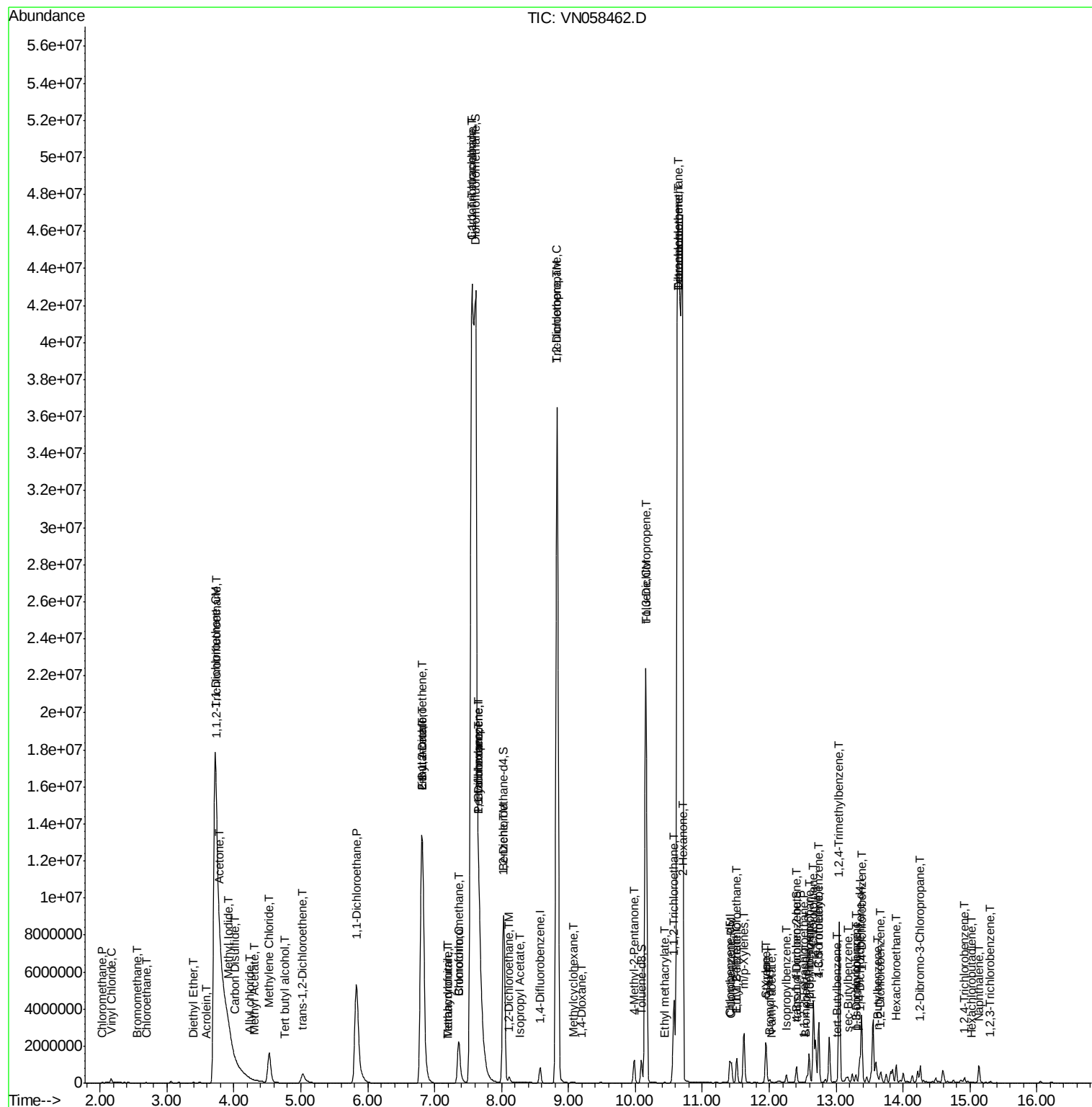
49) 1,4-Dioxane	9.20	88	804	12.301	ug/l #	21
51) 4-Methyl-2-Pentanone	9.98	43	866595	157.163	ug/l	99
52) Toluene	10.16	92	7766100	637.510	ug/l #	55
53) t-1,3-Dichloropropene	10.16	75	285591	42.130	ug/l #	1
55) 1,1,2-Trichloroethane	10.58	97	1705465	384.490	ug/l	100
56) Ethyl methacrylate	10.43	69	2226	0.331	ug/l #	21
59) 2-Hexanone	10.73	43	30621	7.627	ug/l #	30
60) Dibromochloromethane	10.63	129	3593649	790.556	ug/l #	11
64) Tetrachloroethene	10.63	164	10676059	3032.591	ug/l	90
65) Chlorobenzene	11.44	112	504757	45.827	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	19962	5.379	ug/l	96
67) Ethyl Benzene	11.52	91	891103	44.666	ug/l	99
68) m/p-Xylenes	11.62	106	802113	106.861	ug/l	97
69) o-Xylene	11.95	106	564995	78.192	ug/l	95
70) Styrene	11.95	104	31762	2.706	ug/l #	1
71) Bromoform	12.00	173	1372	1.222	ug/l #	1
73) Isopropylbenzene	12.26	105	268033	12.980	ug/l	99
74) N-amyl acetate	12.04	43	10569	1.287	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.51	83	4810	0.788	ug/l #	47
76) 1,2,3-Trichloropropane	12.60	75	8294	1.625	ug/l #	100
77) Bromobenzene	12.53	156	4585	0.947	ug/l #	3
78) n-propylbenzene	12.60	91	1232729	52.987	ug/l	99
79) 2-Chlorotoluene	12.66	91	367552	25.596	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.74	105	1705306	98.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	155419	92.487	ug/l #	15
82) 4-Chlorotoluene	12.74	91	199062	13.585	ug/l #	43
83) tert-Butylbenzene	13.00	119	22326	1.531	ug/l #	35
84) 1,2,4-Trimethylbenzene	13.05	105	4137521	238.898	ug/l	77
85) sec-Butylbenzene	13.18	105	169511	8.829	ug/l #	77
86) p-Isopropyltoluene	13.30	119	200496	11.864	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	21110	2.404	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	98072	11.227	ug/l	95
89) n-Butylbenzene	13.62	91	157625	10.297	ug/l #	76
90) Hexachloroethane	13.90	117	46230	18.207	ug/l #	11
91) 1,2-Dichlorobenzene	13.66	146	203230	24.091	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3532	3.280	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.92	180	74918	16.071	ug/l	96
94) Hexachlorobutadiene	15.02	225	1313	0.548	ug/l	92
95) Naphthalene	15.13	128	701833	51.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	20715	4.409	ug/l	96

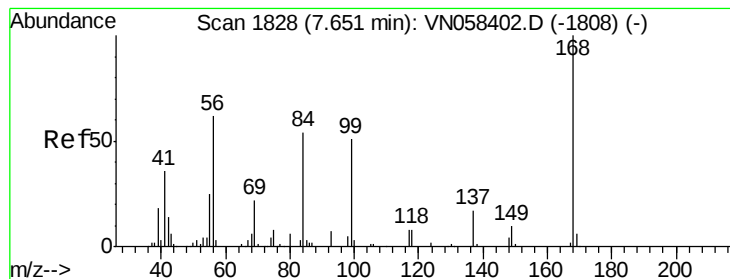
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

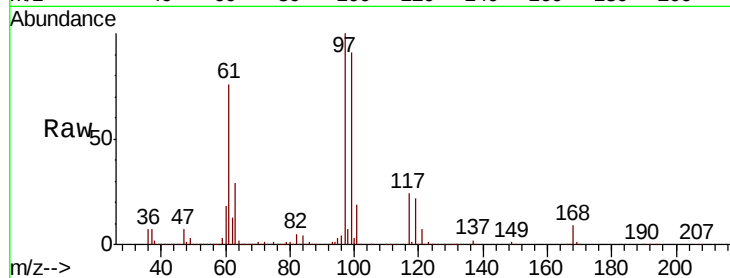
COMPOSITE-4

Tot Ion:168 Resp: 429355

Ion Ratio Lower Upper

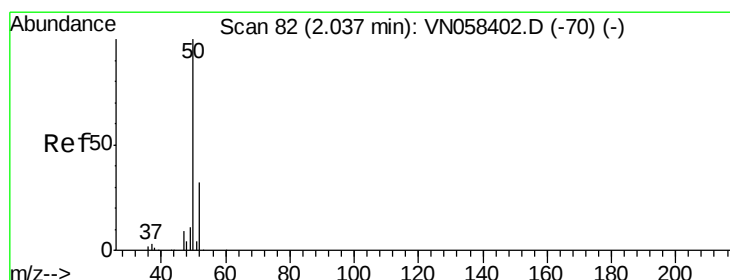
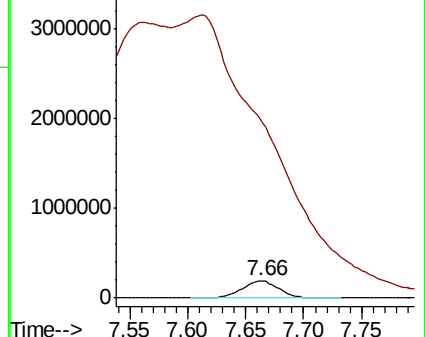
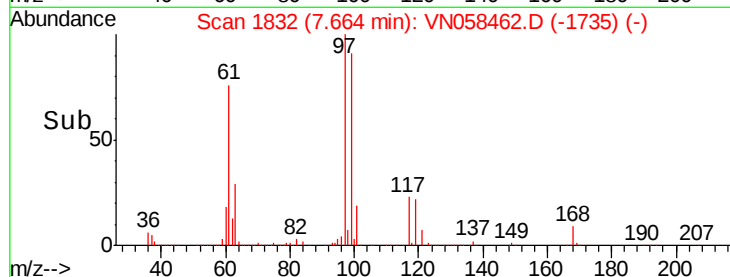
168 100

99 778.0 47.7 71.5#



Abundance Ion 167.90 (167.60 to 168.60): VN058462.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058462.D (-1735) (-)



#3

Chloromethane

Concen: 4.230 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058462.D

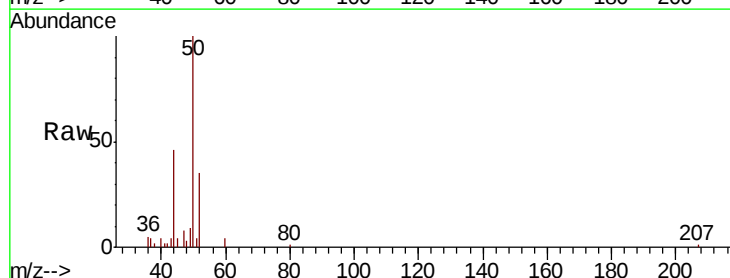
Acq: 1 Oct 2019 14:02

Tgt Ion: 50 Resp: 21895

Ion Ratio Lower Upper

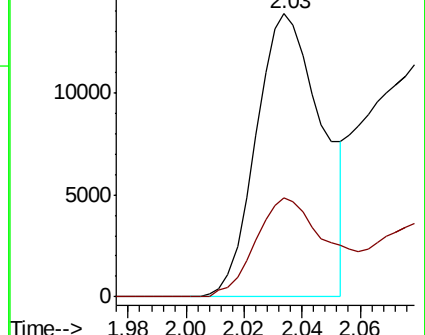
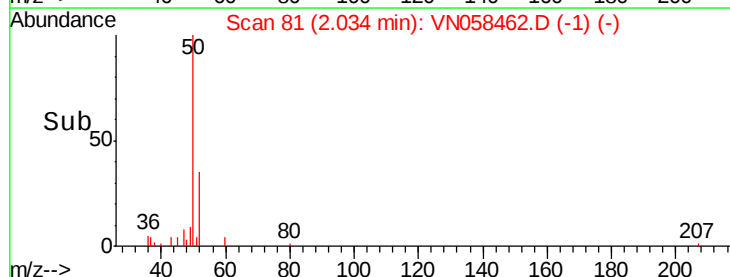
50 100

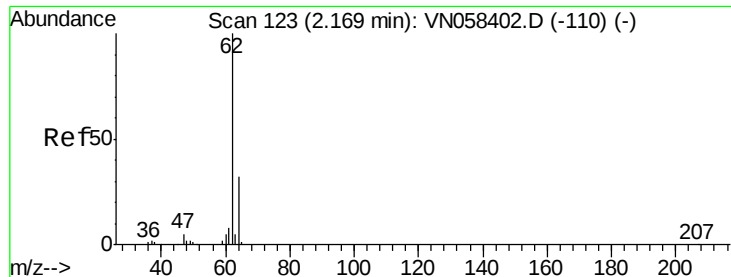
52 34.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN058462.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN058462.D (-1) (-)





#4

Vinyl Chloride

Concen: 17.536 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

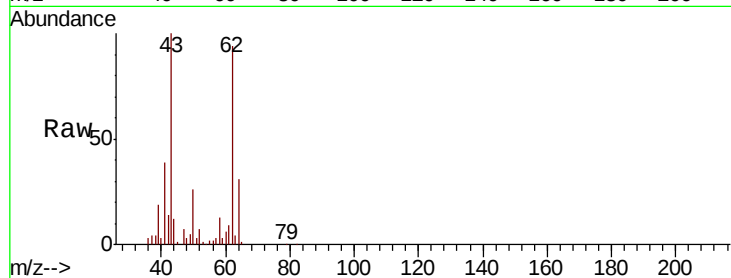
COMPOSITE-4

Tot Ion: 62 Resp: 88912

Ion Ratio Lower Upper

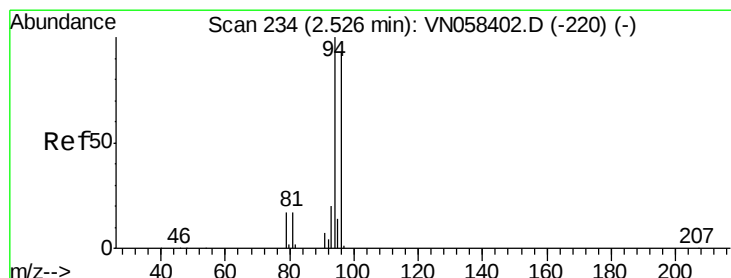
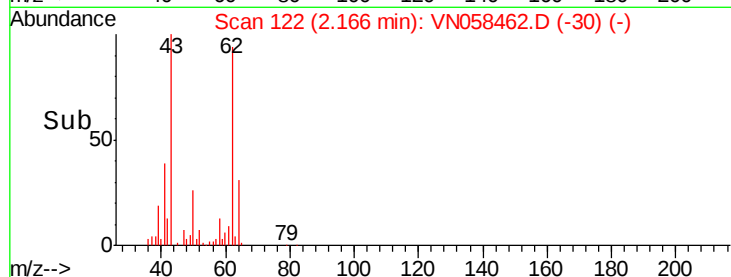
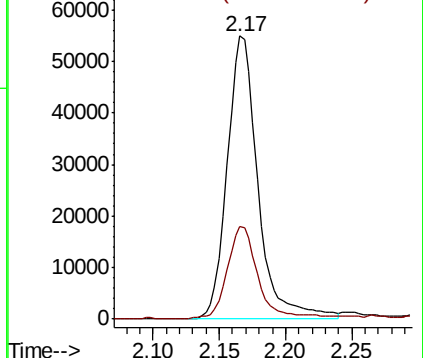
62 100

64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#5

Bromomethane

Concen: 0.471 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.03 min

Lab File: VN058462.D

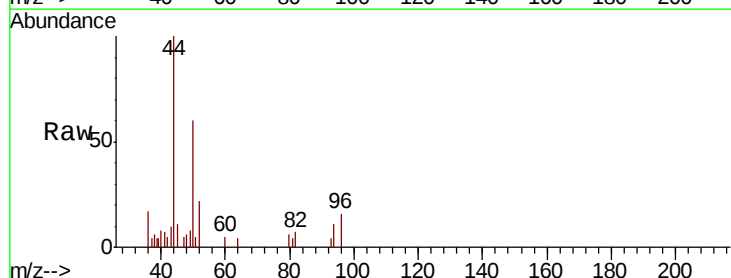
Acq: 1 Oct 2019 14:02

Tgt Ion: 94 Resp: 1268

Ion Ratio Lower Upper

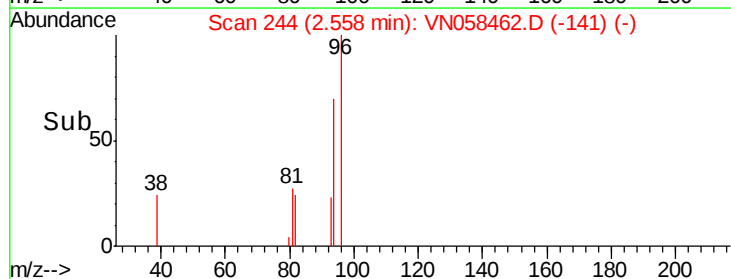
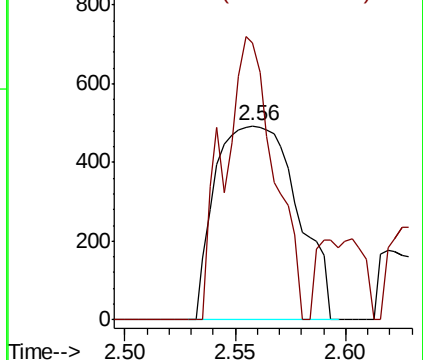
94 100

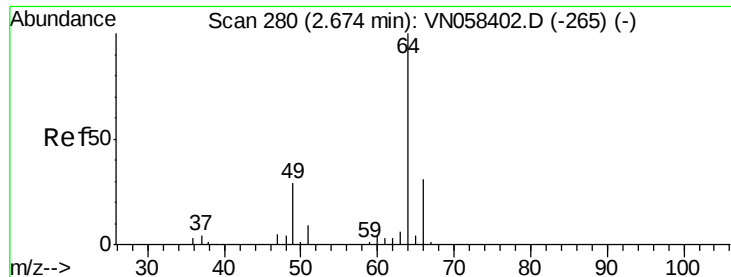
96 142.6 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#6

Chloroethane

Concen: 7.162 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

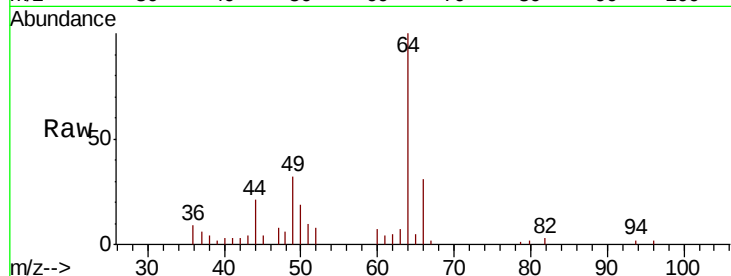
COMPOSITE-4

Tot Ion: 64 Resp: 21759

Ion Ratio Lower Upper

64 100

66 31.9 24.4 36.6

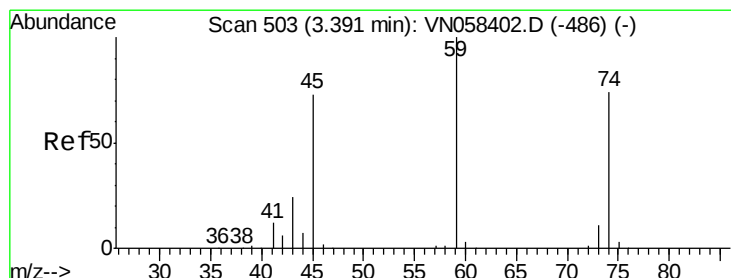
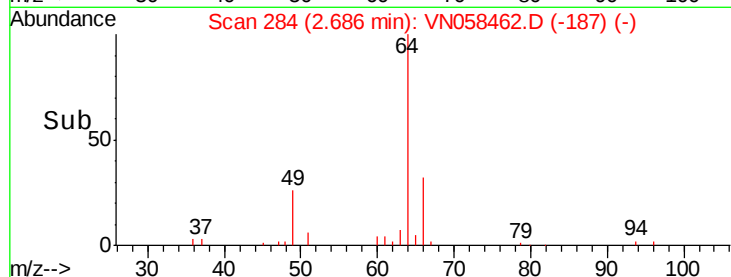


Abundance Ion 63.90 (63.60 to 64.60): VN058462.D (-187) (-)

Ion 65.90 (65.60 to 66.60): VN058462.D (-187) (-)

2.69

Time-->



#8

Diethyl Ether

Concen: 8.157 ug/l

RT: 3.39 min Scan# 503

Delta R.T. -0.00 min

Lab File: VN058462.D

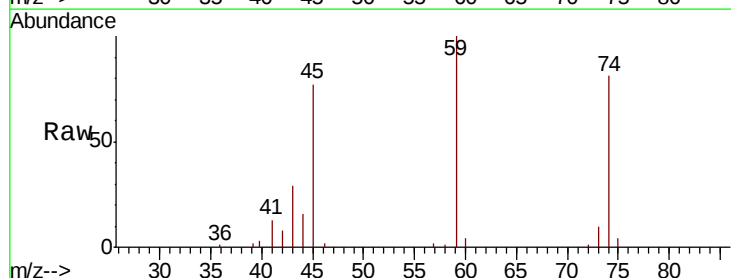
Acq: 1 Oct 2019 14:02

Tgt Ion: 74 Resp: 21535

Ion Ratio Lower Upper

74 100

45 90.1 50.5 151.6

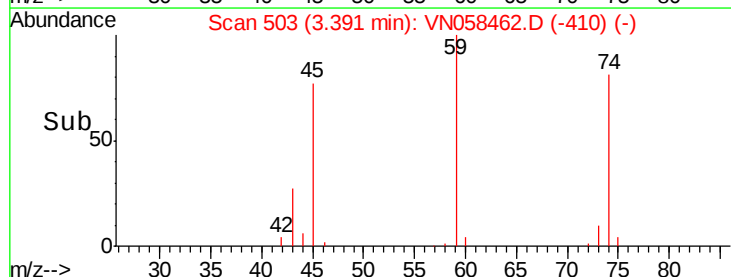


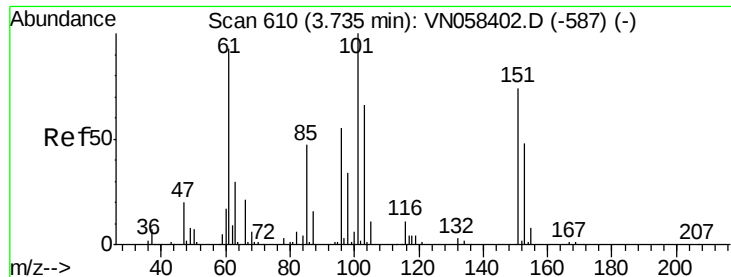
Abundance Ion 74.00 (73.70 to 74.70): VN058462.D (-410) (-)

Ion 45.00 (44.70 to 45.70): VN058462.D (-410) (-)

3.39

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 539.651 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

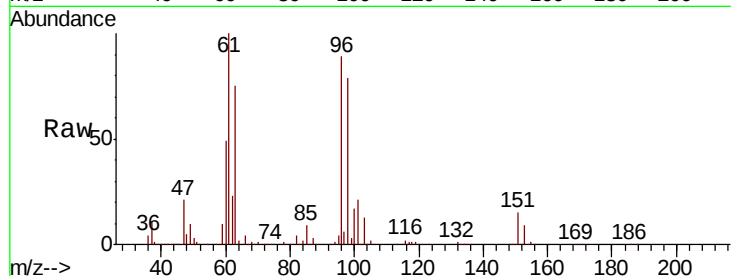
Tot Ion:101 Resp: 2242426

Ion Ratio Lower Upper

101 100

85 44.6 36.7 55.1

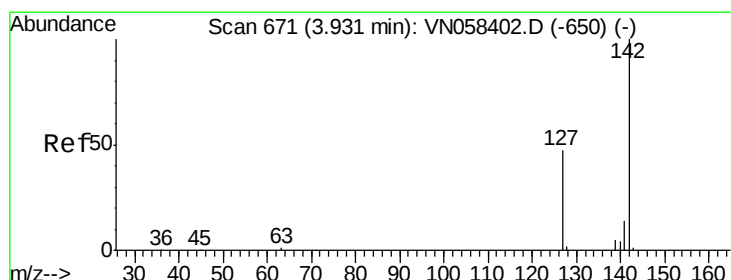
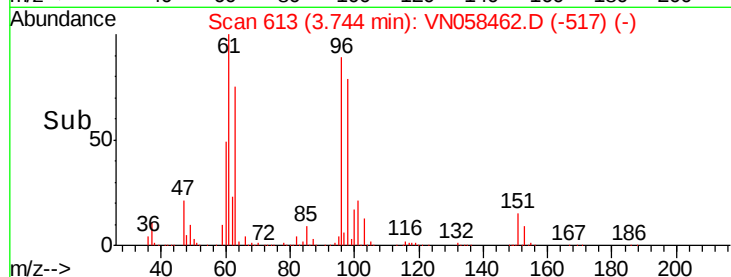
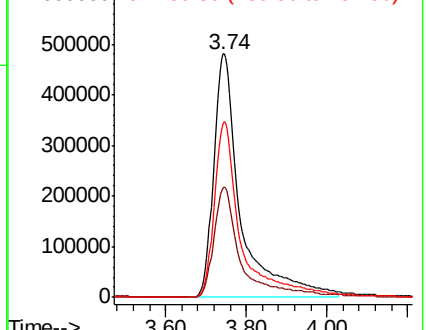
151 66.8 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.222 ug/l

RT: 3.93 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

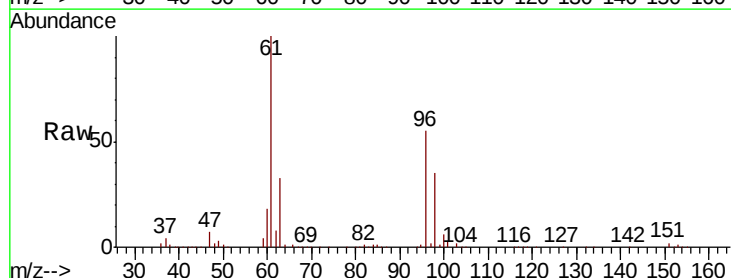
Tgt Ion:142 Resp: 1023

Ion Ratio Lower Upper

142 100

127 10.2 37.2 55.8#

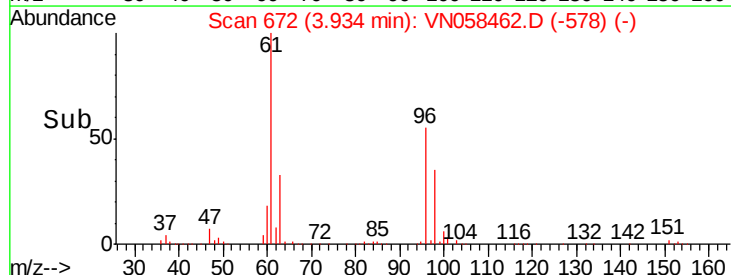
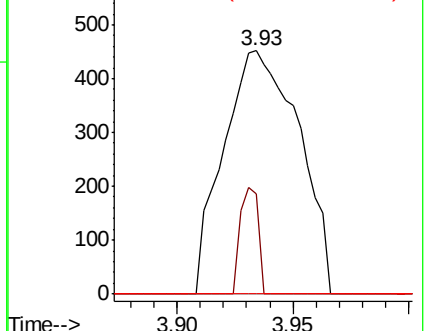
141 0.0 11.3 16.9#

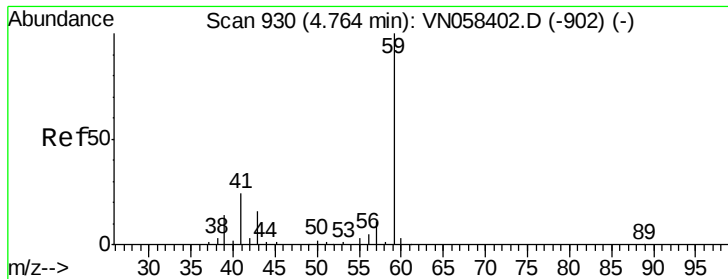


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



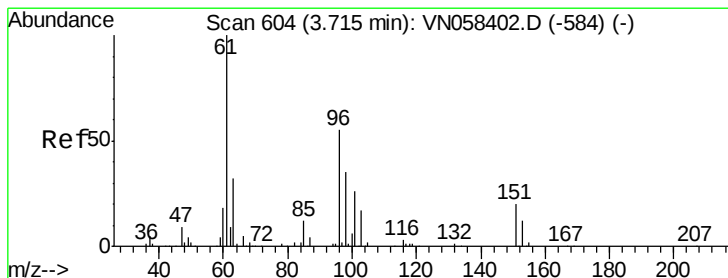
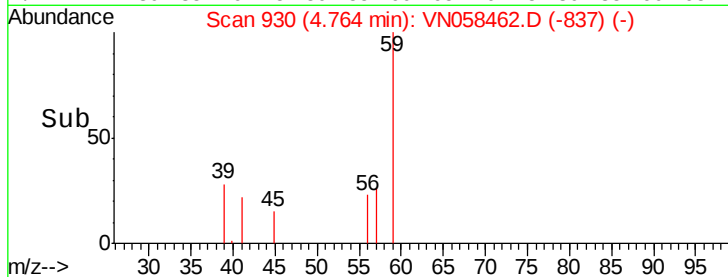
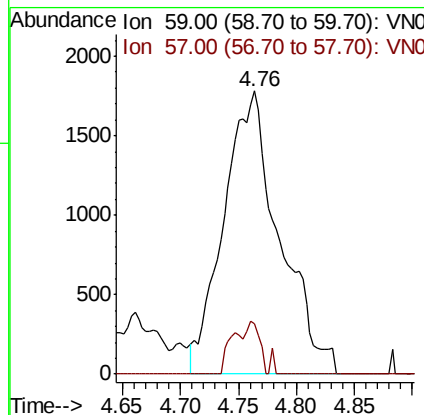
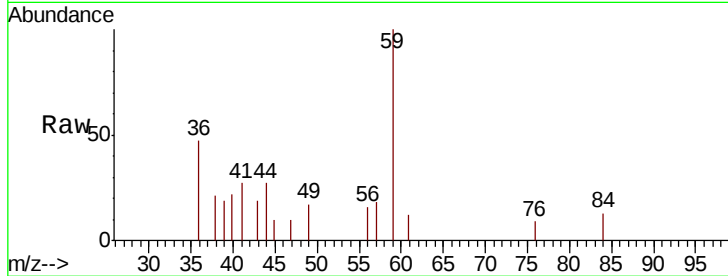


#11

Tert butyl alcohol
 Concen: 8.525 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
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 COMPOSITE-4

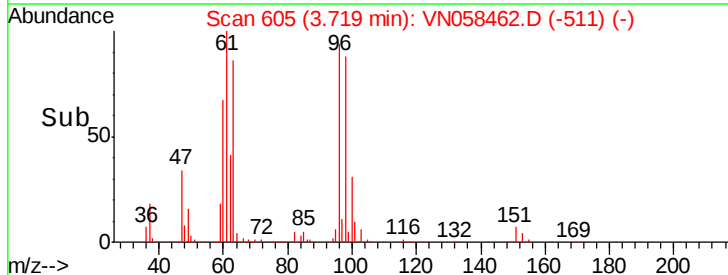
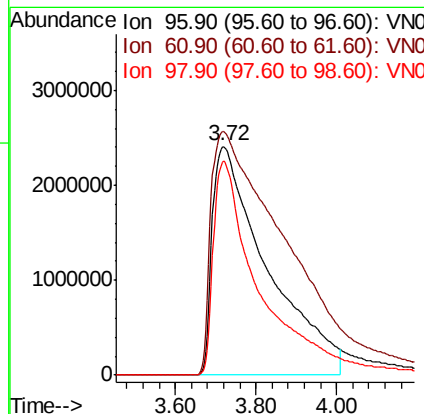
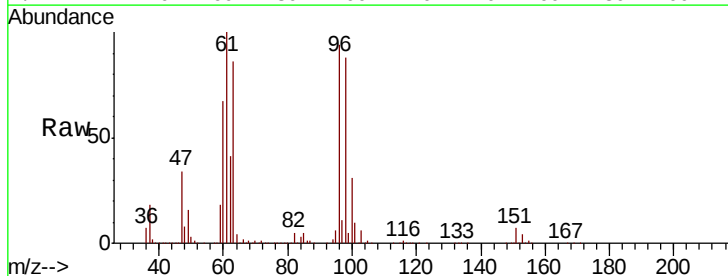
Tot Ion: 59 Resp: 5942
 Ion Ratio Lower Upper
 59 100
 57 4.3 9.0 13.4#

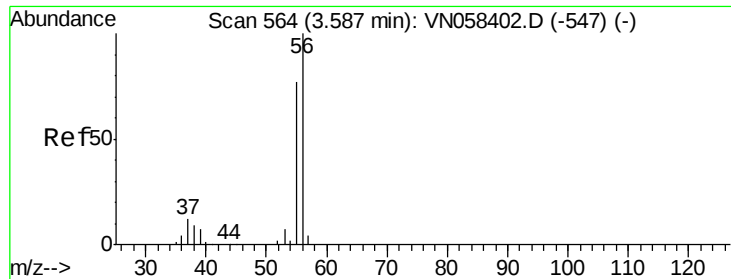


#12

1,1-Dichloroethene
 Concen: 5583.972 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion: 96 Resp: 22616871
 Ion Ratio Lower Upper
 96 100
 61 106.6 146.7 220.1#
 98 93.5 51.3 76.9#





#13

Acrolein

Concen: 0.447 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

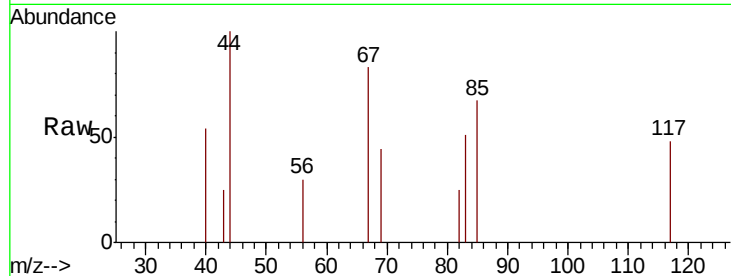
COMPOSITE-4

Tot Ion: 56 Resp: 99

Ion Ratio Lower Upper

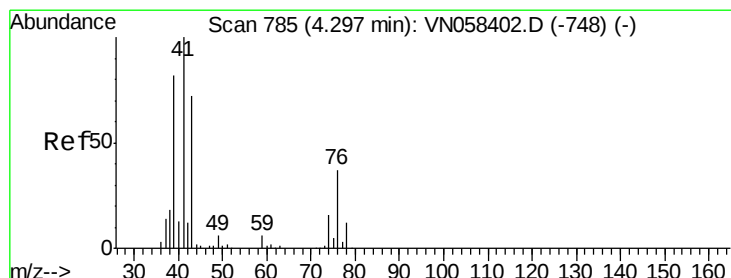
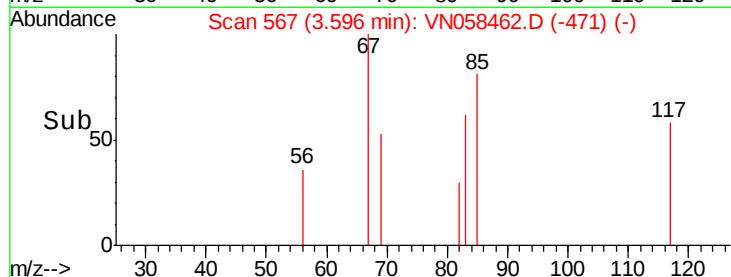
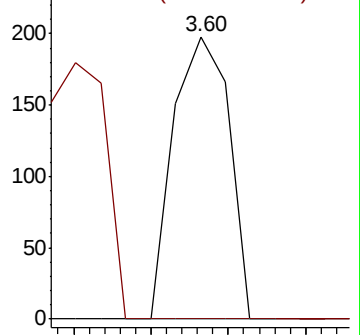
56 100

55 97.0 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.283 ug/l

RT: 4.24 min Scan# 767

Delta R.T. -0.06 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

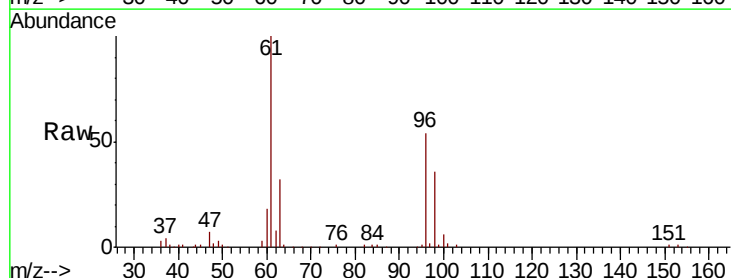
Tgt Ion: 41 Resp: 2086

Ion Ratio Lower Upper

41 100

39 10.2 62.3 93.5#

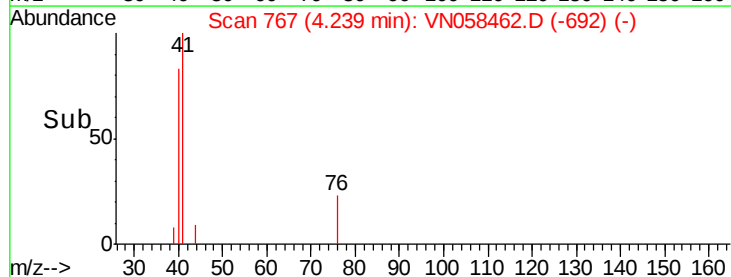
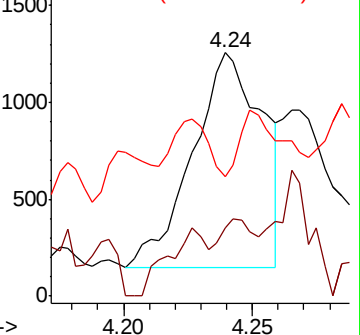
76 25.2 26.9 40.3#

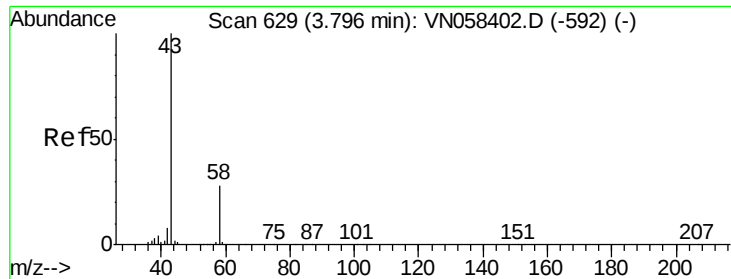


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

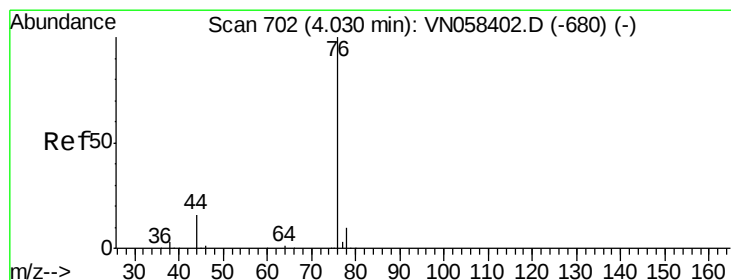
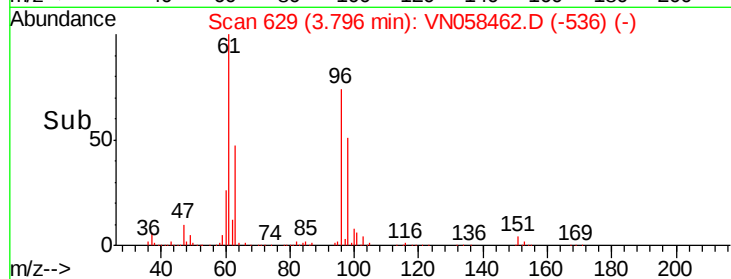
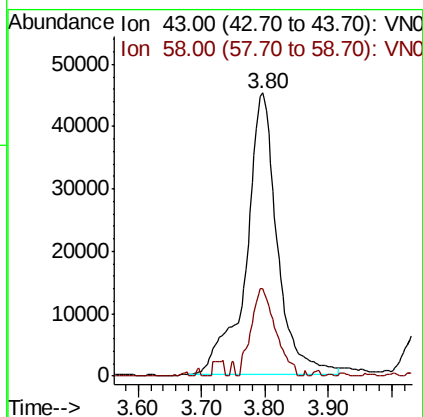
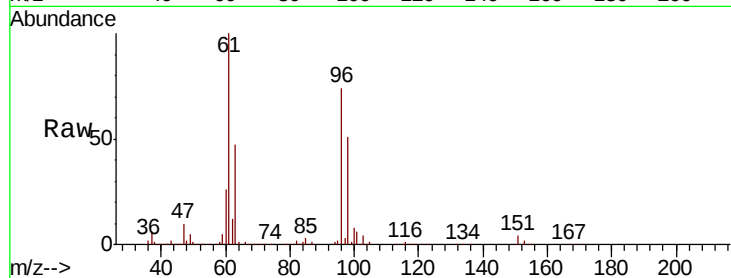




#16
Acetone
Concen: 72.373 ug/l
RT: 3.80 min Scan# 629
Delta R.T. -0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

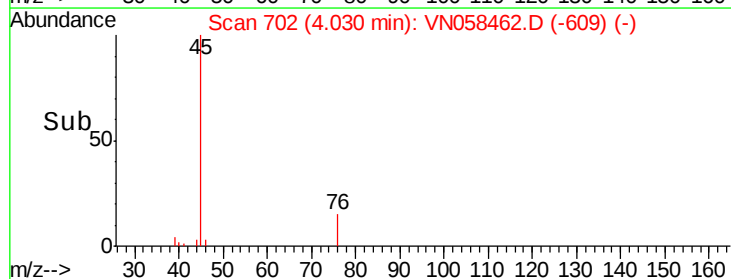
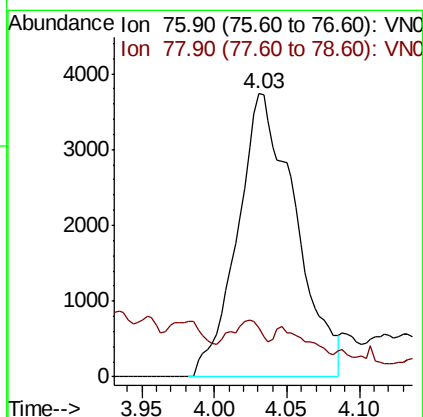
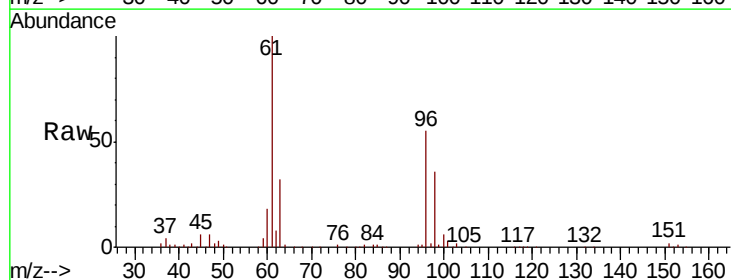
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

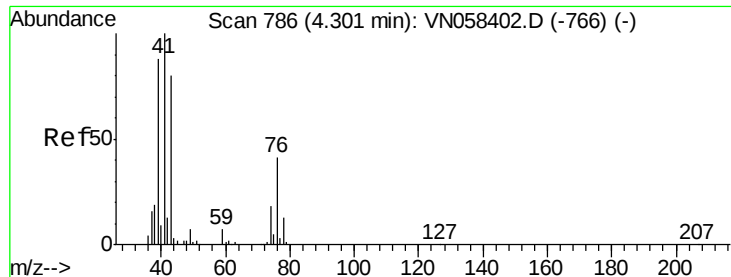
Tot Ion: 43 Resp: 154795
Ion Ratio Lower Upper
43 100
58 31.1 22.4 33.6



#17
Carbon Disulfide
Concen: 0.972 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 76 Resp: 10380
Ion Ratio Lower Upper
76 100
78 8.0 7.7 11.5

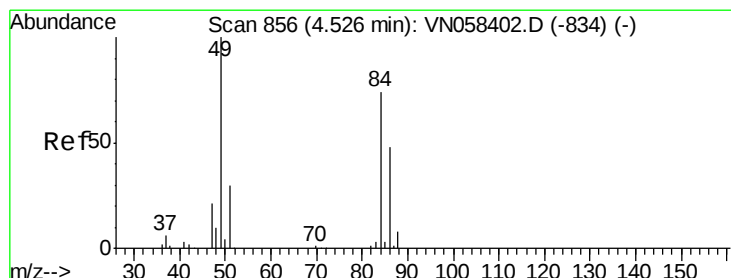
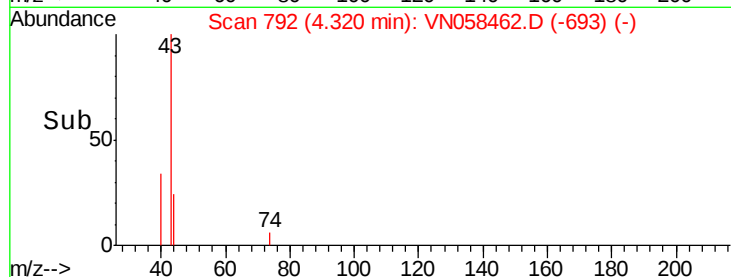
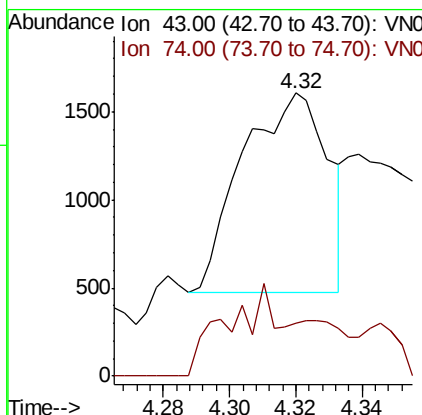
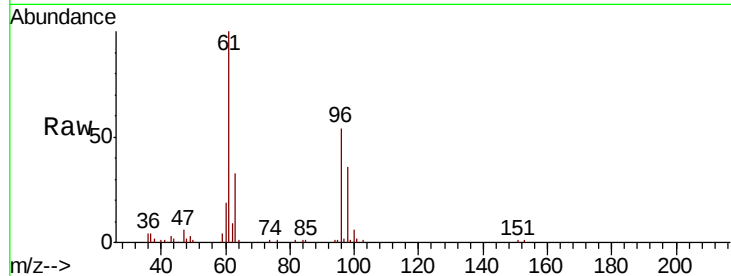




#18
Methvl Acetate
Concen: 0.374 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

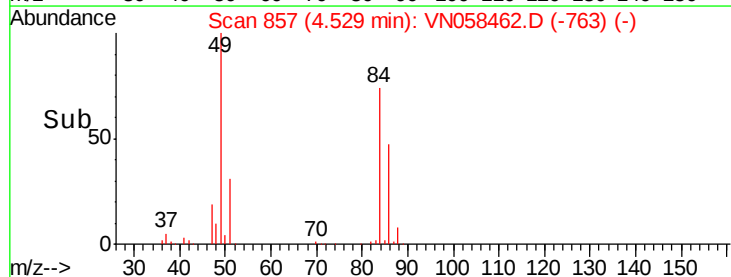
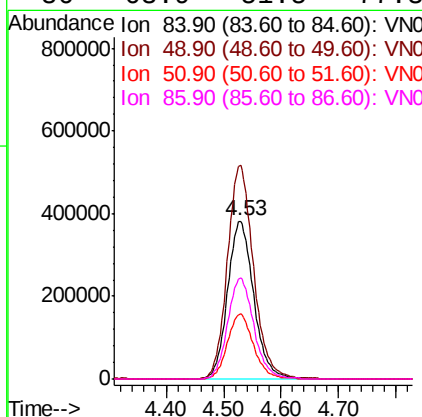
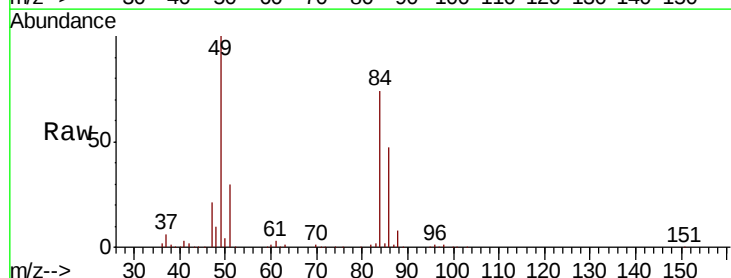
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

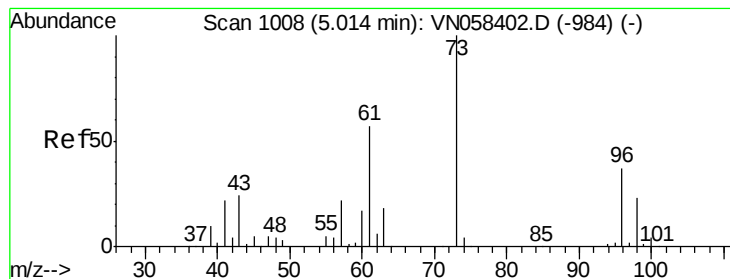
Tot Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
74 7.0 18.0 27.0#



#20
Methylene Chloride
Concen: 245.896 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 84 Resp: 1213722
Ion Ratio Lower Upper
84 100
49 135.2 107.9 161.9
51 41.2 32.8 49.2
86 63.9 51.5 77.3



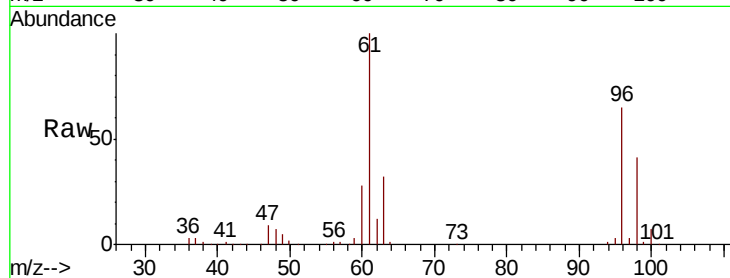


#21

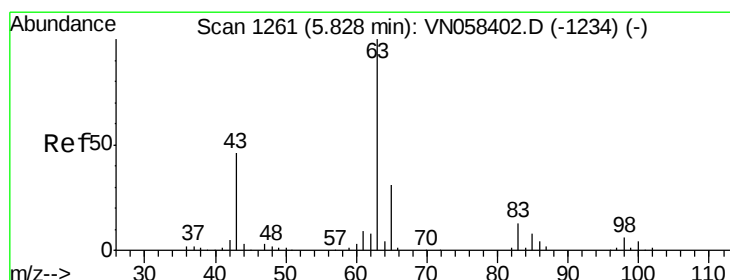
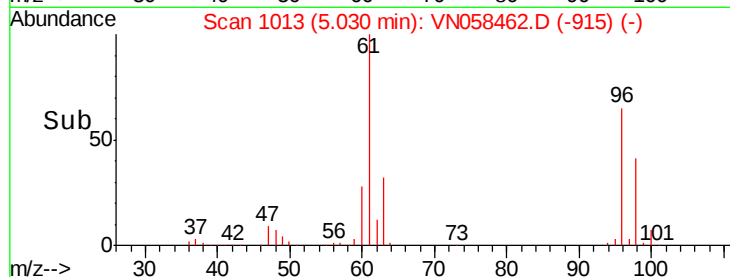
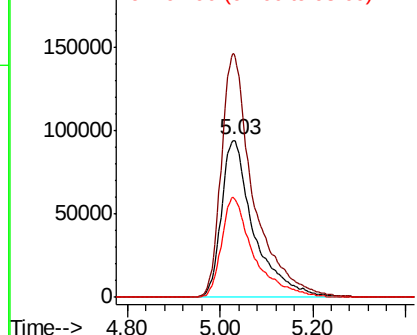
trans-1,2-Dichloroethene
Concen: 101.702 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.02 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

Tot Ion: 96 Resp: 458067
Ion Ratio Lower Upper
96 100
61 154.8 121.9 182.9
98 62.9 49.3 73.9



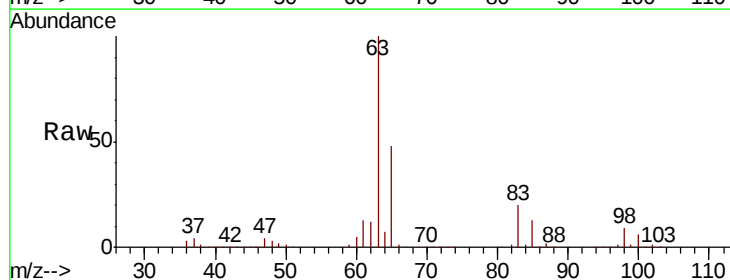
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



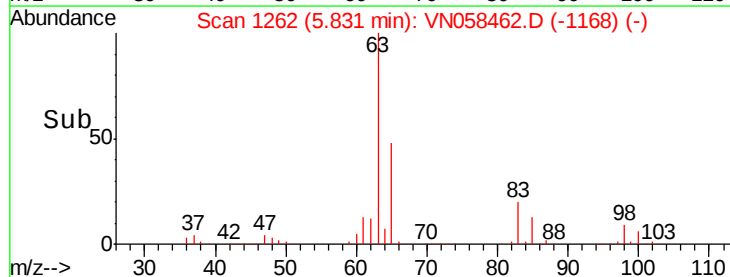
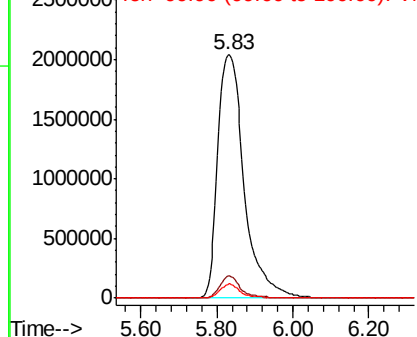
#24

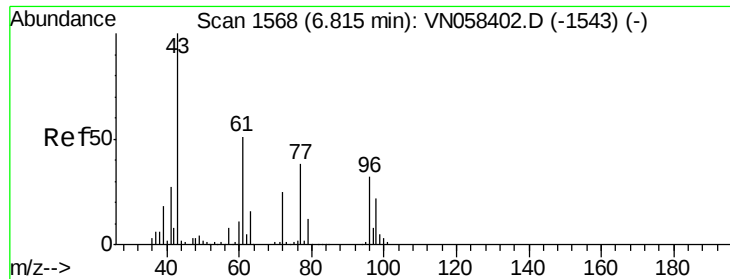
1,1-Dichloroethane
Concen: 1104.906 ug/l
RT: 5.83 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 63 Resp: 9863324
Ion Ratio Lower Upper
63 100
98 9.0 3.0 9.0#
100 5.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 13.414 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

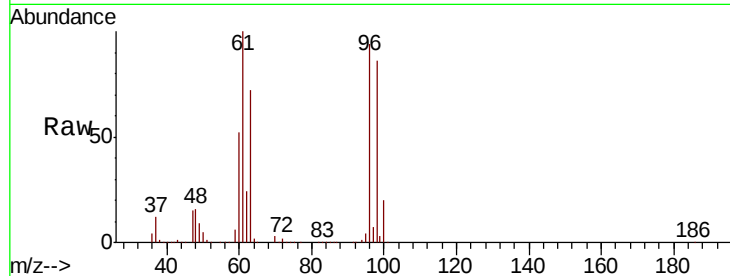
COMPOSITE-4

Tot Ion: 43 Resp: 39392

Ion Ratio Lower Upper

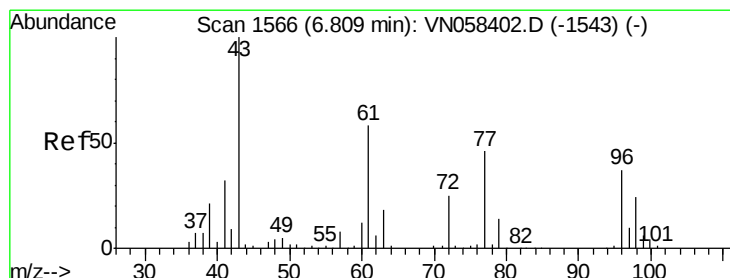
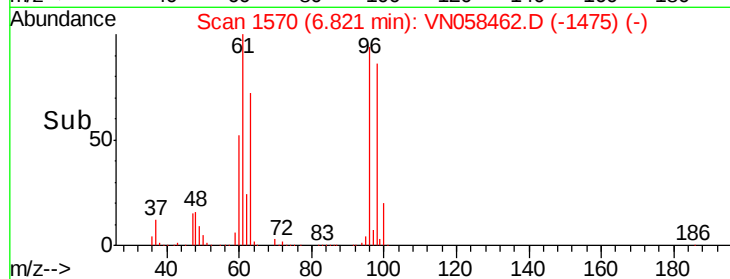
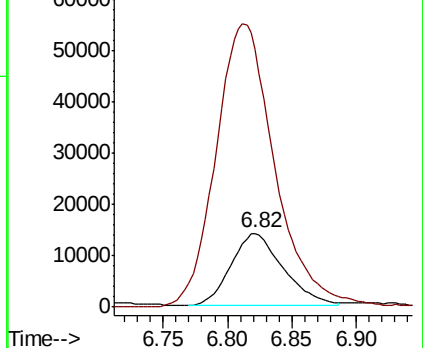
43 100

72 343.4 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 1891.181 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

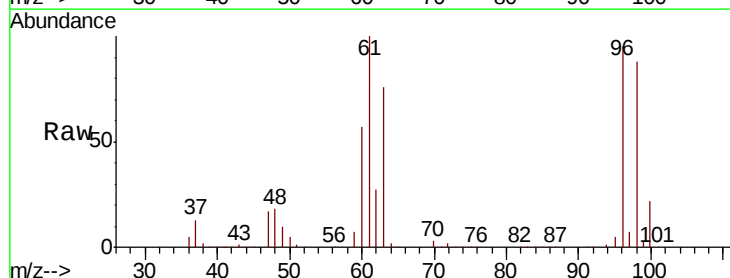
Tgt Ion: 96 Resp: 9955432

Ion Ratio Lower Upper

96 100

61 115.4 0.0 318.8

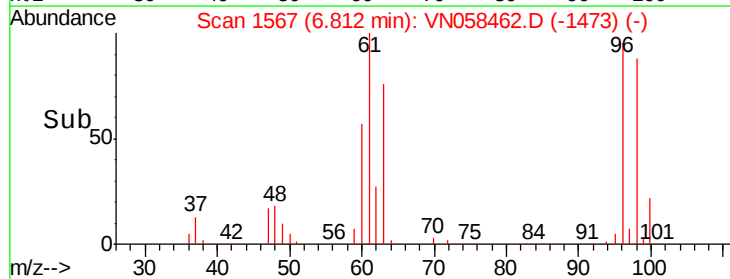
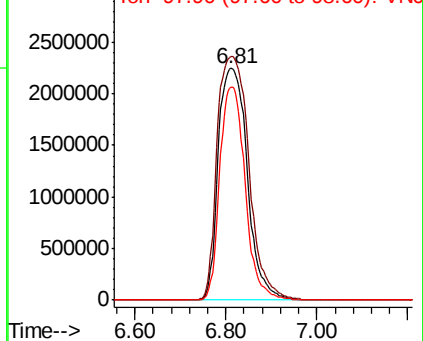
98 80.5 0.0 129.8

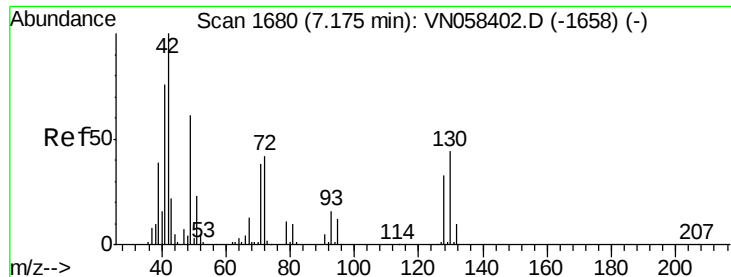


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

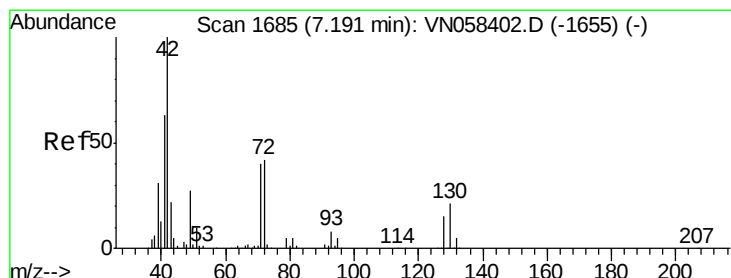
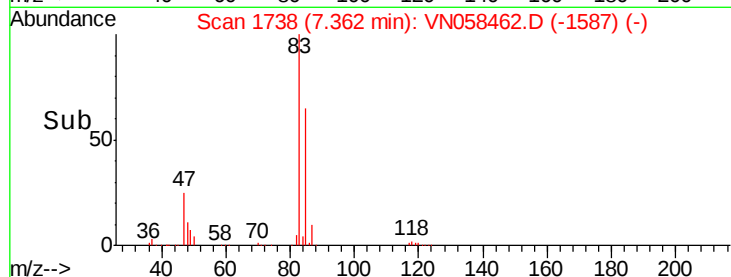
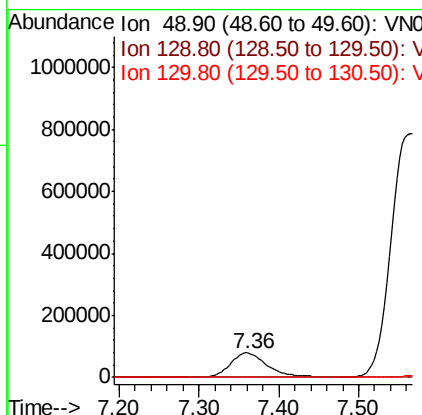
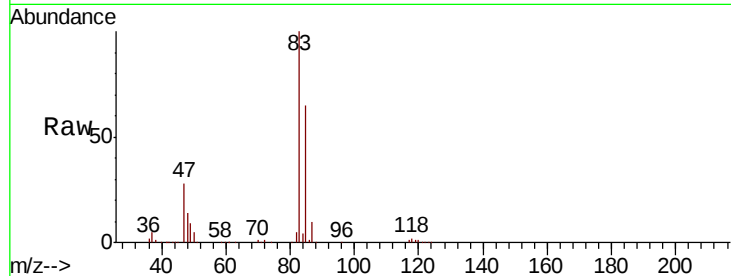




#28
Bromochloromethane
Concen: 69.485 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.19 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

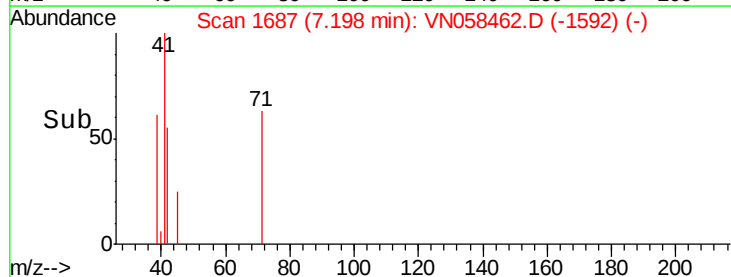
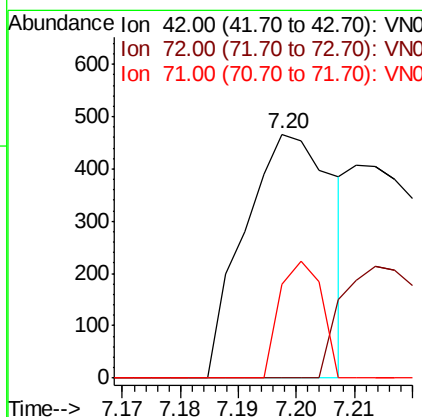
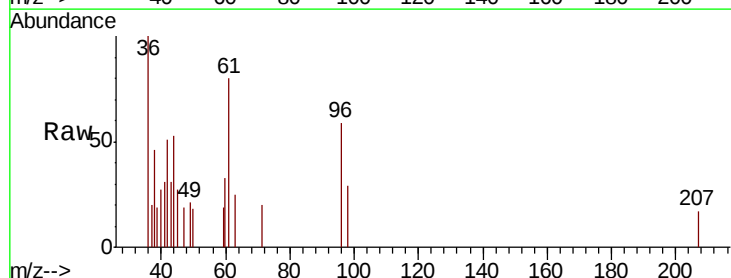
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-4

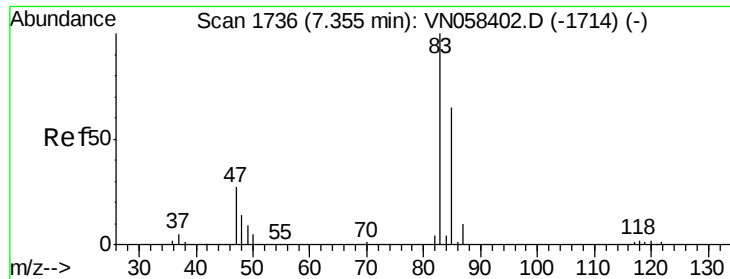
Tot Ion: 49 Resp: 247943
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 56.3 84.5#



#29
Tetrahydrofuran
Concen: 0.266 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 42 Resp: 496
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 22.8 31.8 47.6#

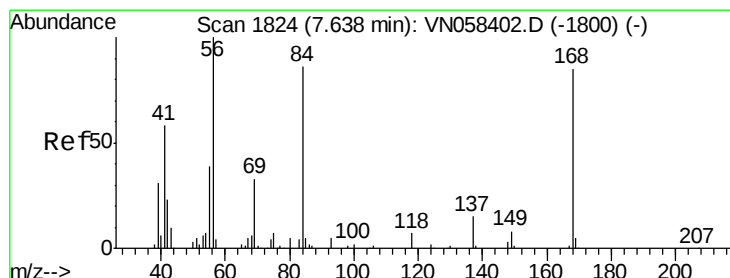
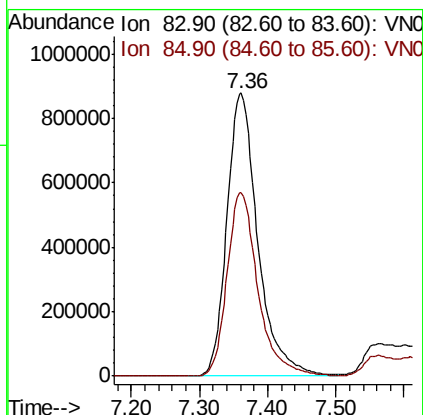
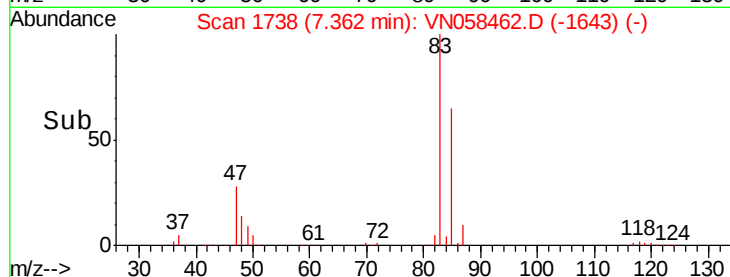
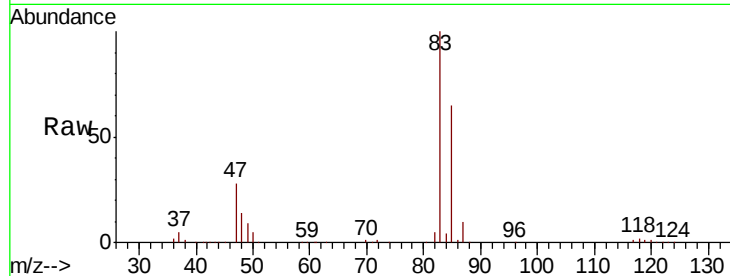




#30
Chloroform
Concen: 305.822 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

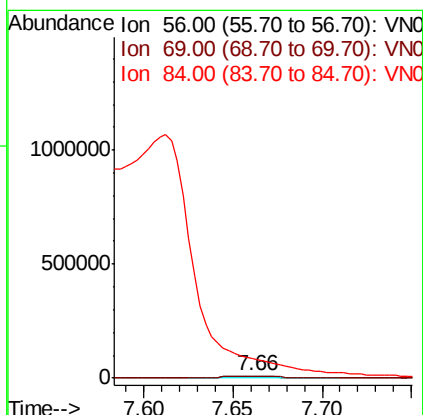
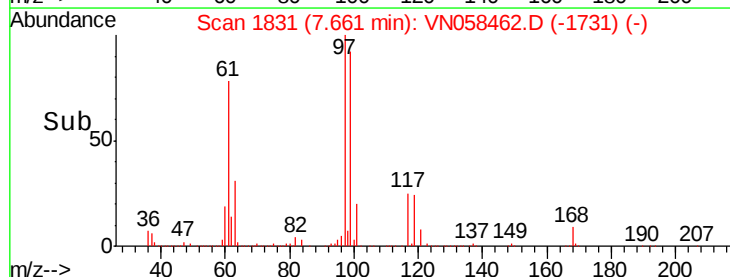
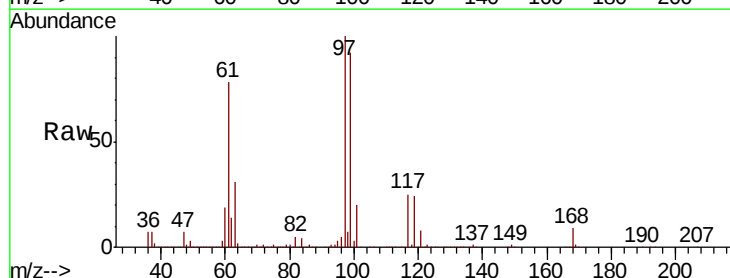
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

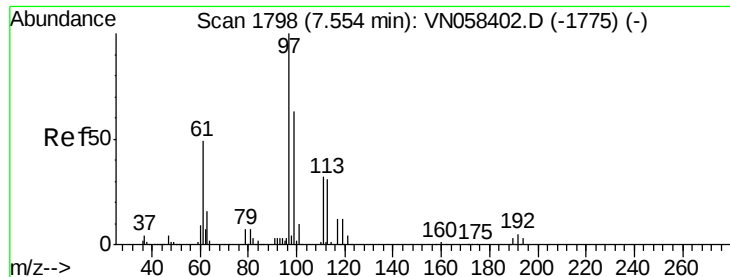
Tot Ion: 83 Resp: 2766434
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0



#31
Cyclohexane
Concen: 2.206 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.02 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 56 Resp: 19157
Ion Ratio Lower Upper
56 100
69 118.1 26.2 39.4#
84 828.6 67.6 101.4#





#32

1,1,1-Trichloroethane

Concen: 1788.798 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

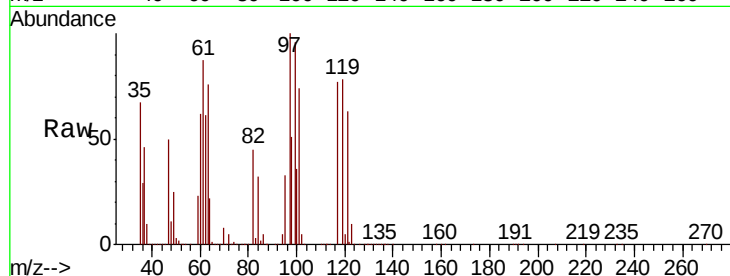
Tot Ion: 97 Resp:13287873

Ion Ratio Lower Upper

97 100

99 93.5 51.1 76.7#

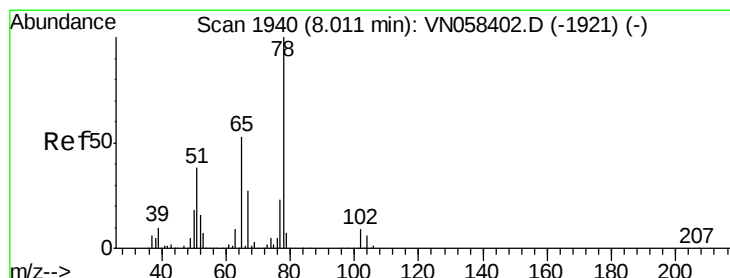
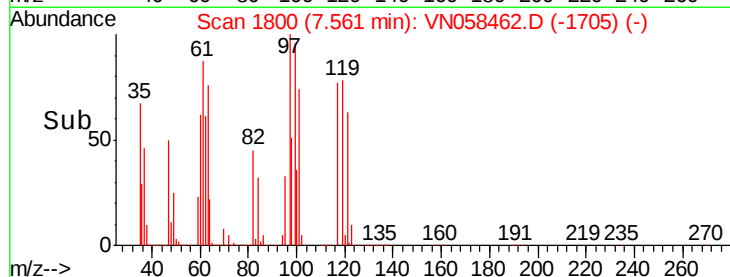
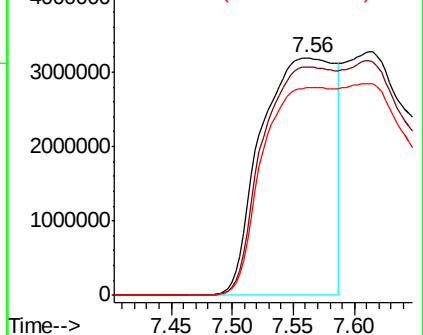
61 77.2 39.2 58.8#



Abundance Ion 96.90 (96.60 to 97.60): VN058462.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN058462.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN058462.D (-1775) (-)



#33

1,2-Dichloroethane-d4

Concen: 45.639 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN058462.D

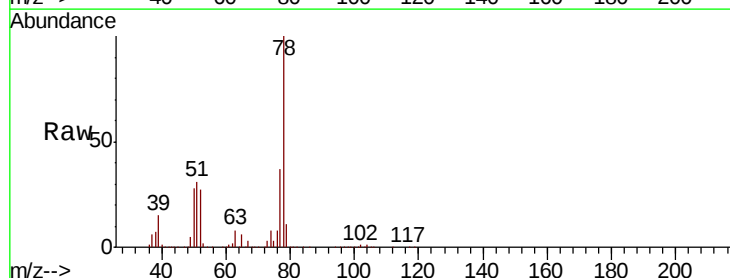
Acq: 1 Oct 2019 14:02

Tgt Ion: 65 Resp: 286355

Ion Ratio Lower Upper

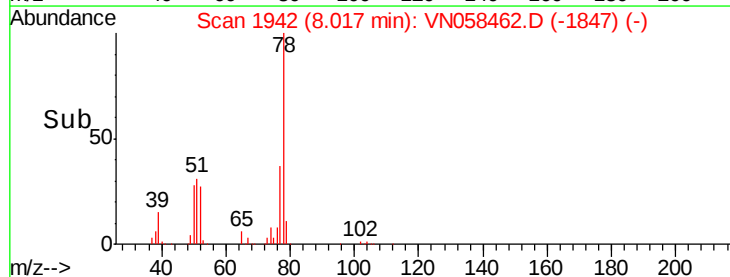
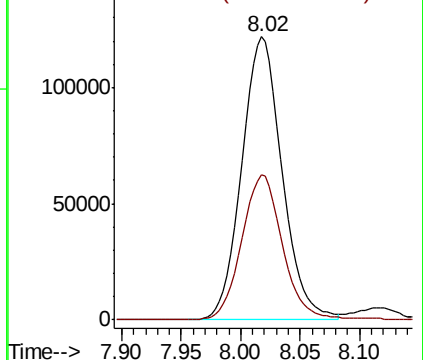
65 100

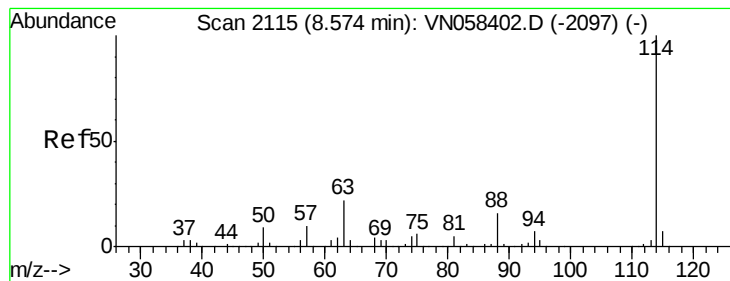
67 51.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058462.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058462.D (-1847) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

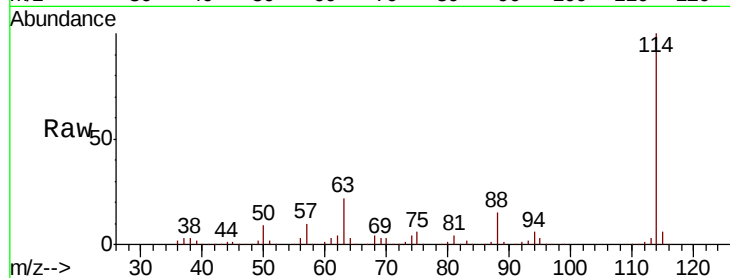
Tot Ion:114 Resp: 704150

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

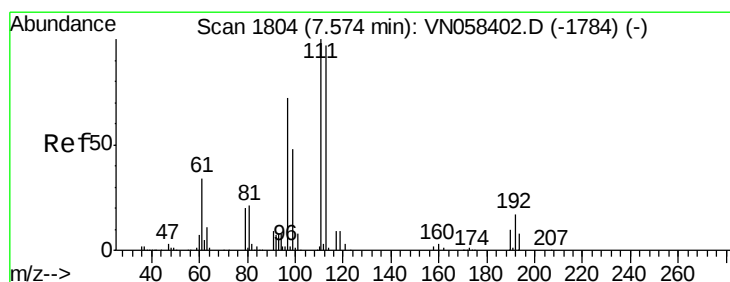
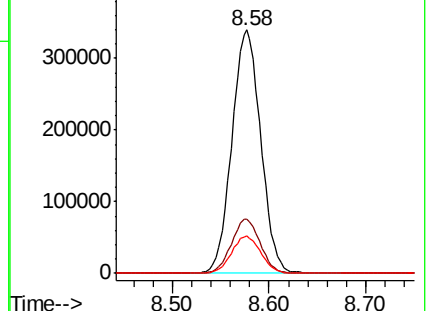
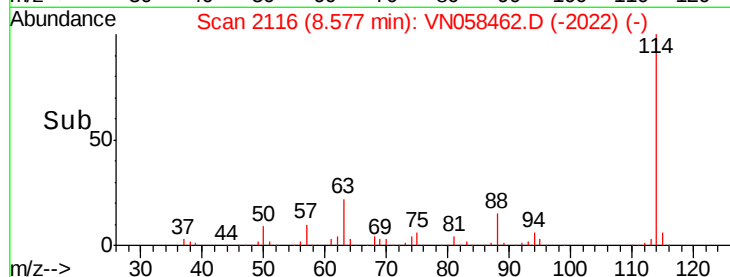
88 15.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 28.545 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.04 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

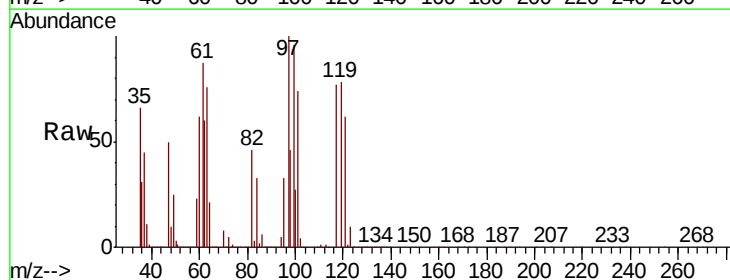
Tgt Ion:113 Resp: 123189

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.2

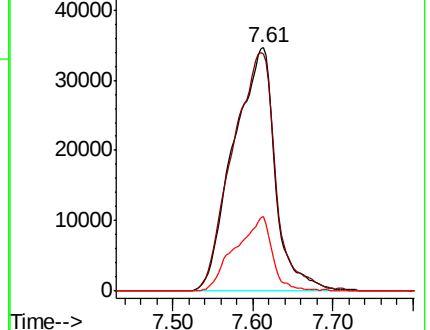
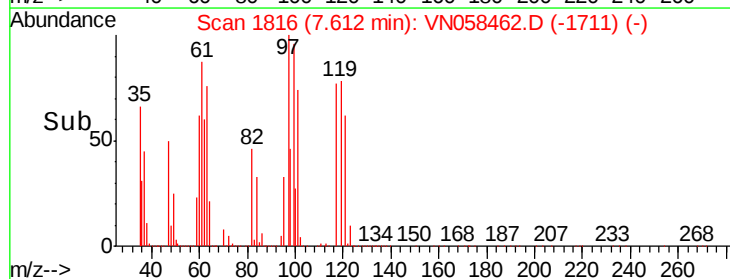
192 26.8 14.9 22.3#

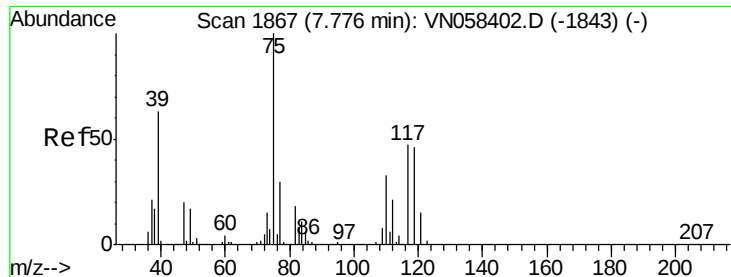


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

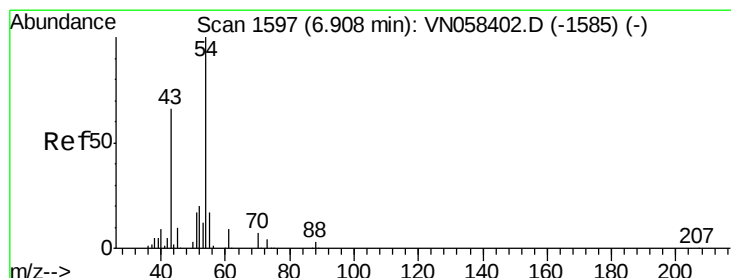
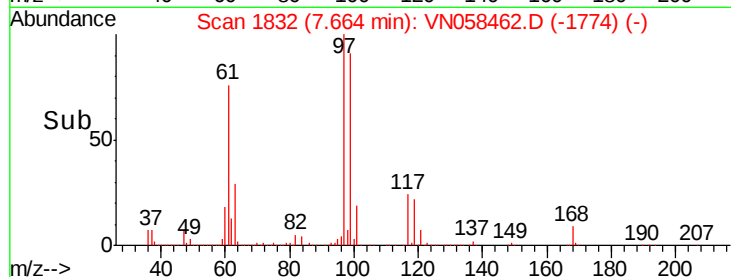
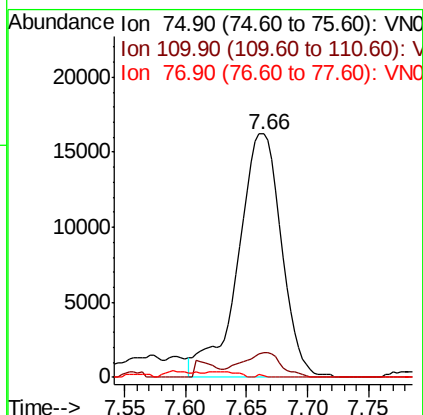
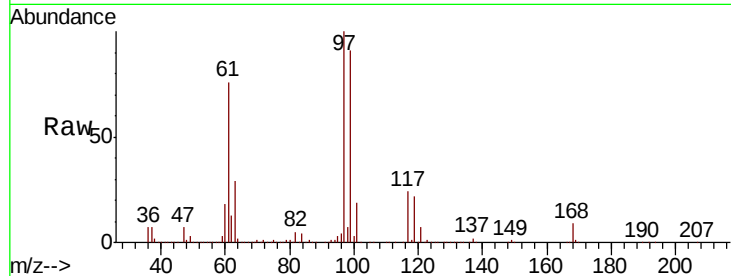




#36
 1,1-Dichloropropene
 Concen: 5.930 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

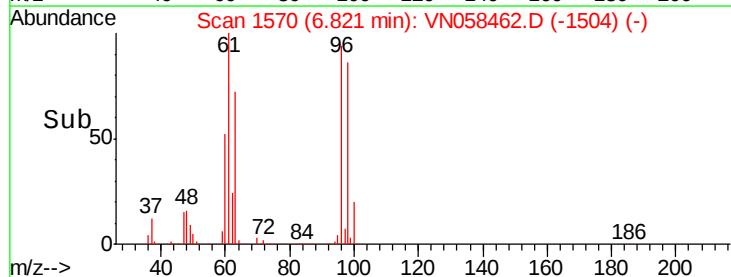
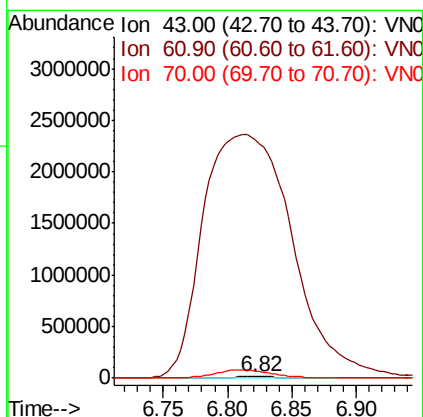
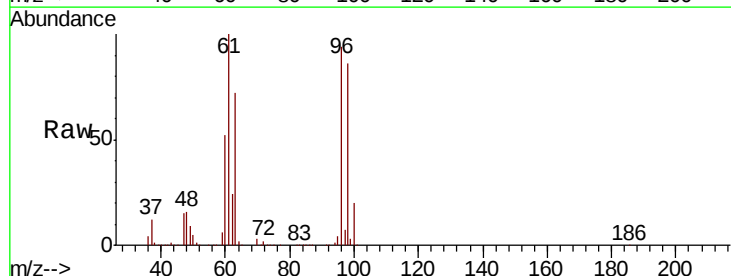
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

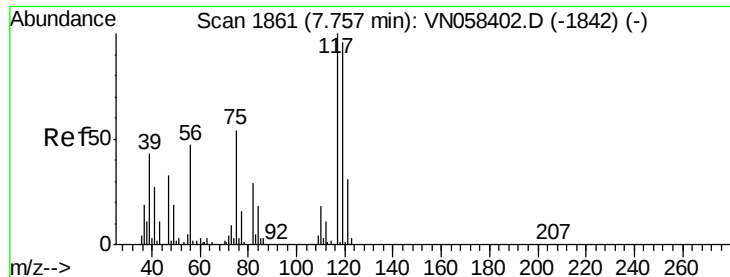
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.4	49.2#
77	0.0	24.3	36.5#



#37
 Ethyl Acetate
 Concen: 6.901 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.09 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29169.6	10.5	15.7#
70	647.9	7.8	11.6#





#38

Carbon Tetrachloride

Concen: 1423.504 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.20 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

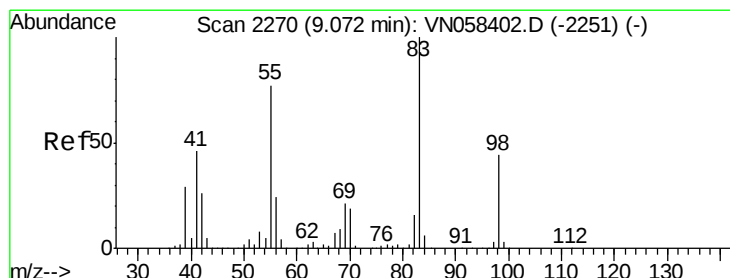
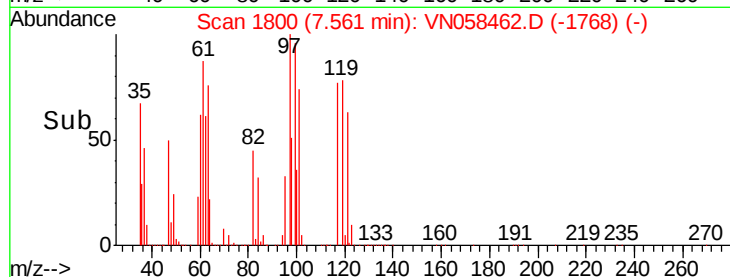
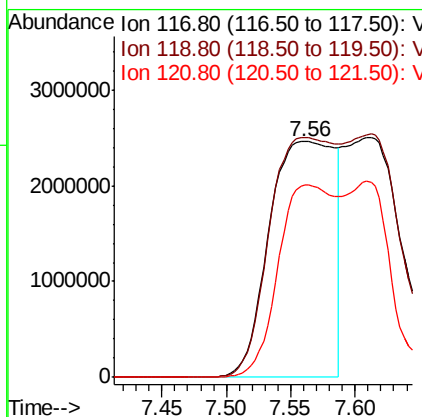
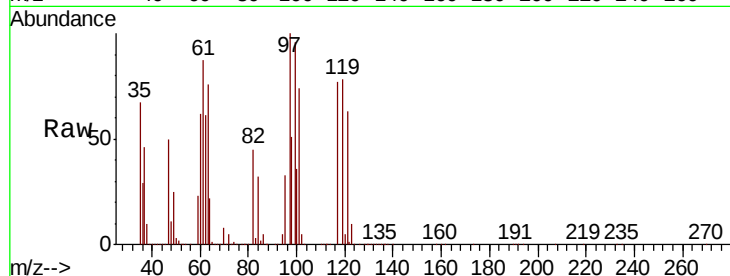
Tot Ion:117 Resp: 8651421

Ion Ratio Lower Upper

117 100

119 101.6 76.6 115.0

121 81.7 24.7 37.1#



#39

Methylcyclohexane

Concen: 3.078 ug/l

RT: 9.08 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

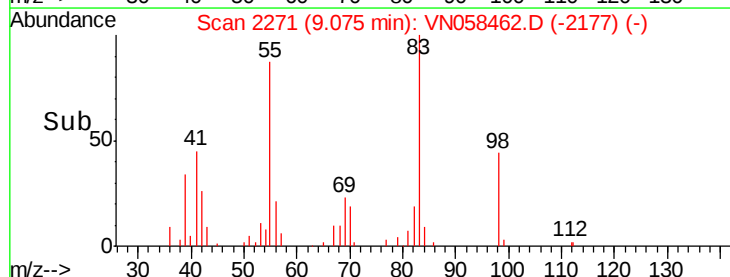
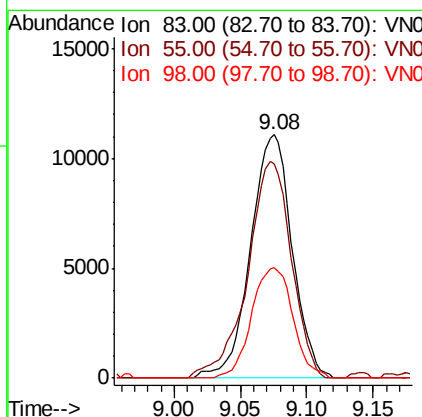
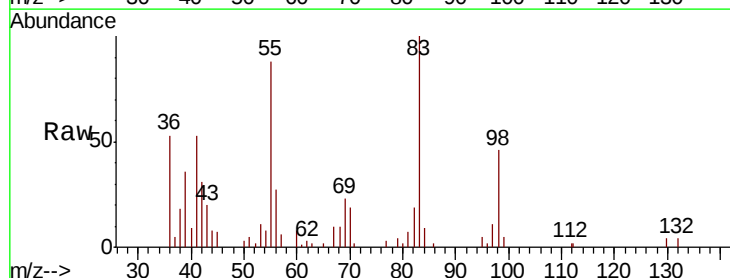
Tgt Ion: 83 Resp: 24199

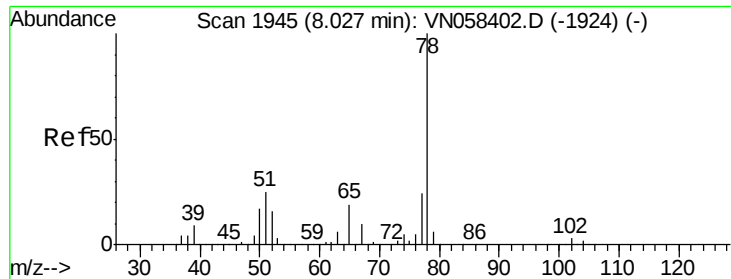
Ion Ratio Lower Upper

83 100

55 88.2 61.8 92.6

98 45.6 35.4 53.0

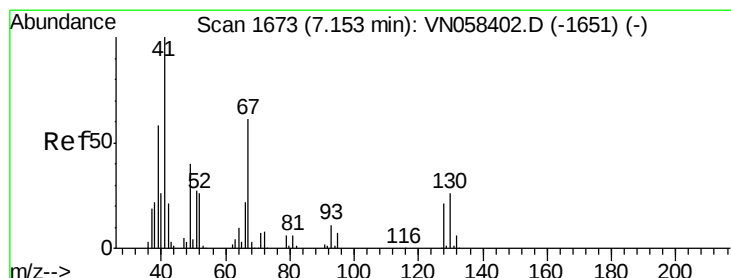
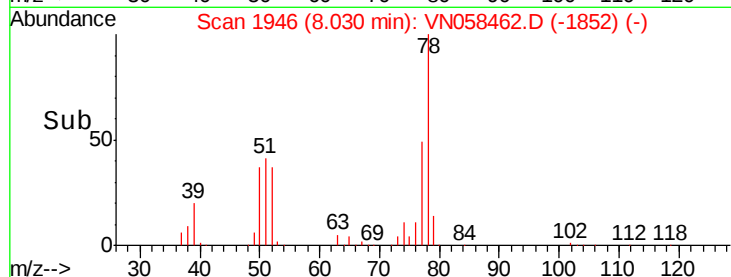
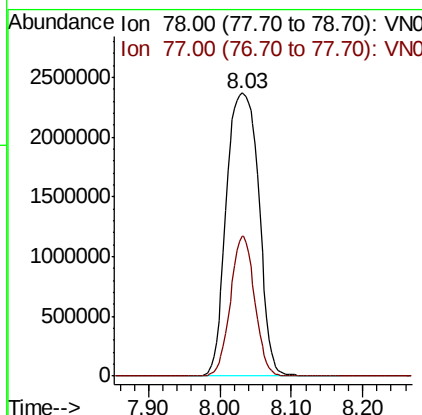
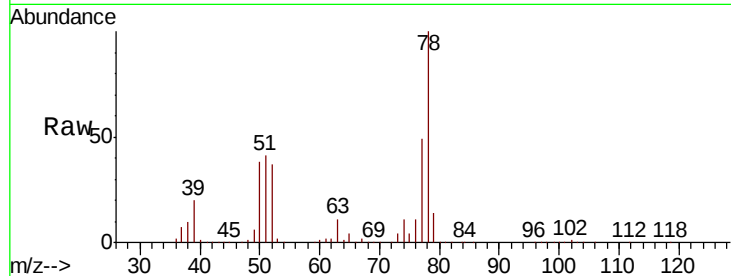




#40
Benzene
Concen: 387.475 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

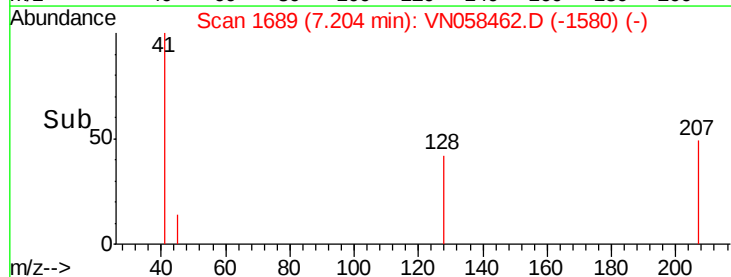
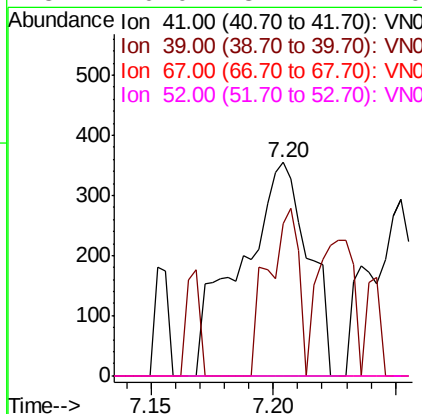
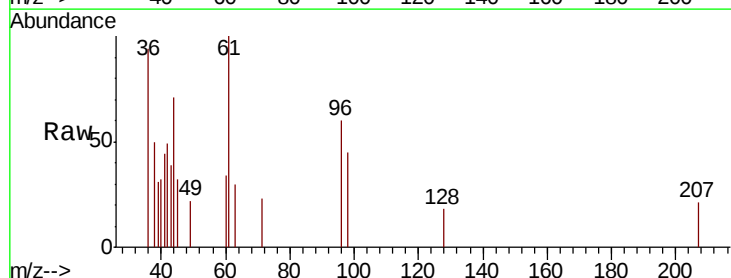
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

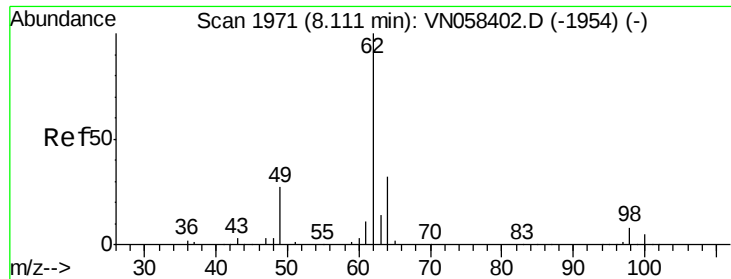
Tot Ion: 78 Resp: 7499187
Ion Ratio Lower Upper
78 100
77 49.5 18.9 28.3#



#41
Methacrylonitrile
Concen: 0.259 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.05 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 41 Resp: 681
Ion Ratio Lower Upper
41 100
39 35.7 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#

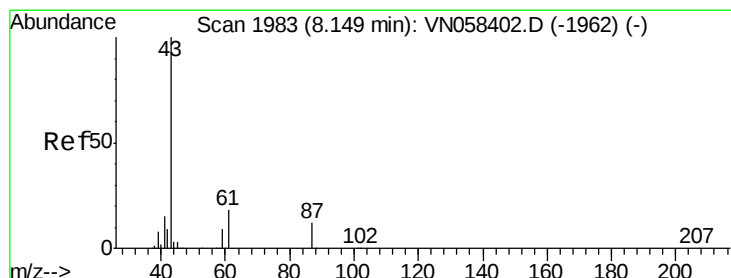
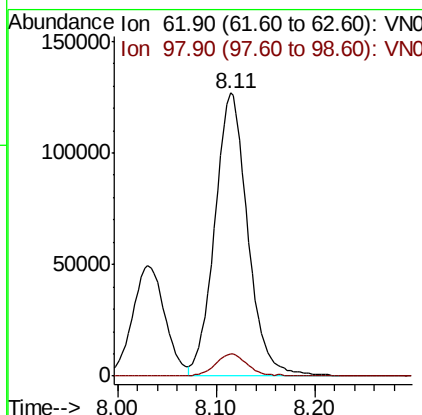
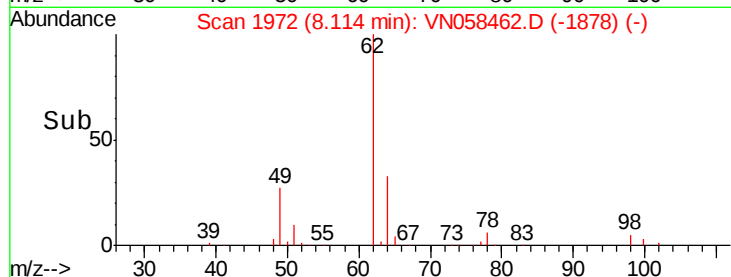
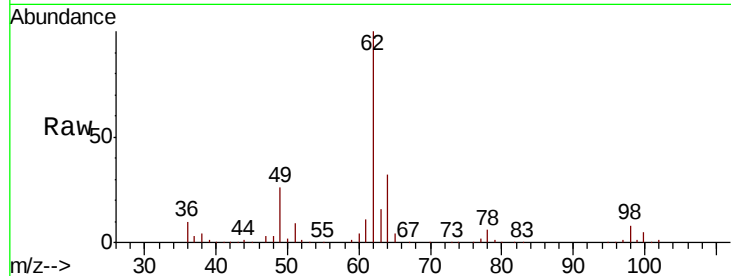




#42
 1,2-Dichloroethane
 Concen: 39.066 ug/l
 RT: 8.11 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

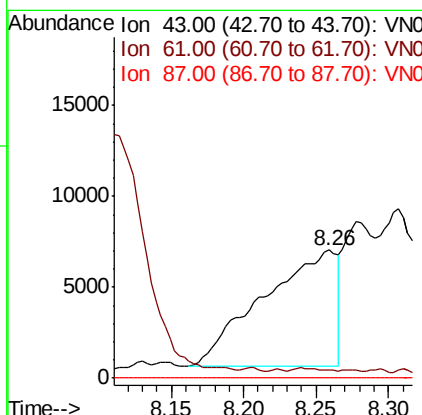
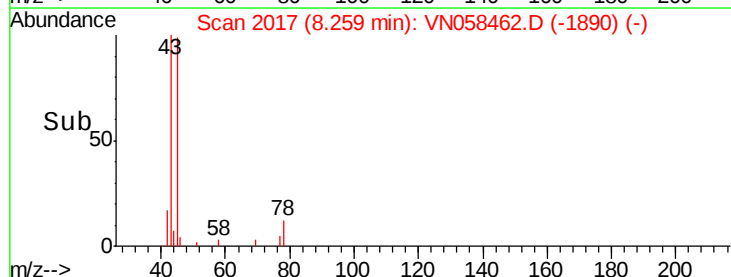
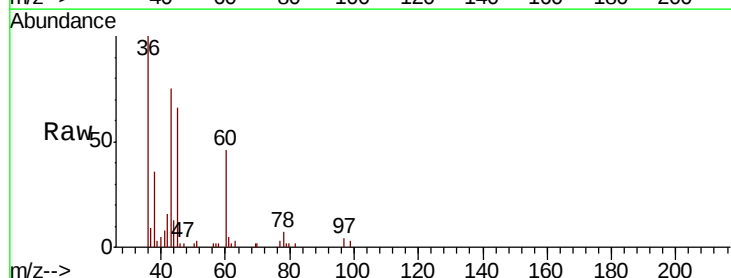
Instrument :
 MSVOA_N
 ClientSampled :
 COMPOSITE-4

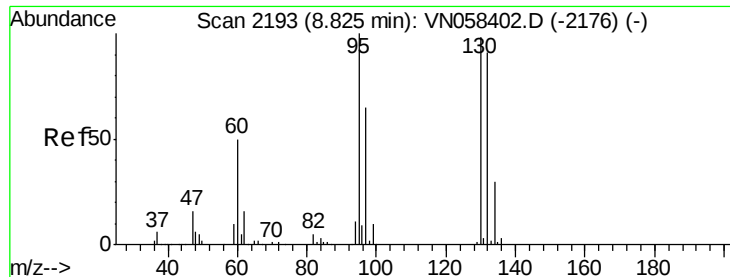
Tot Ion: 62 Resp: 294155
 Ion Ratio Lower Upper
 62 100
 98 7.7 0.0 15.6



#43
 Isopropyl Acetate
 Concen: 2.130 ug/l
 RT: 8.26 min Scan# 2017
 Delta R.T. 0.11 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion: 43 Resp: 22861
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.8 22.2#
 87 0.0 9.7 14.5#





#44

Trichloroethene

Concen: 1934.159 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

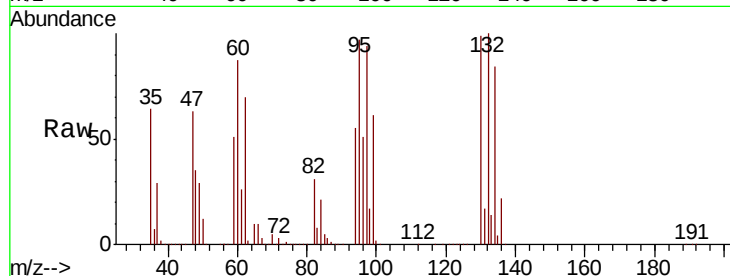
COMPOSITE-4

Tot Ion:130 Resp: 9243078

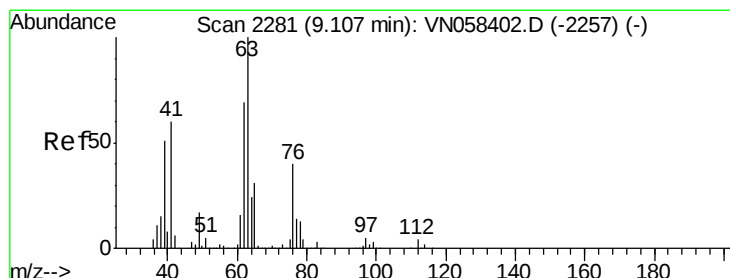
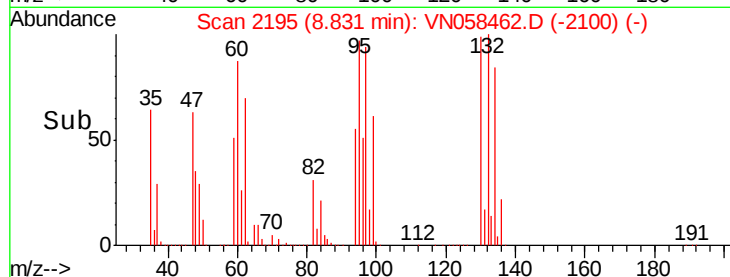
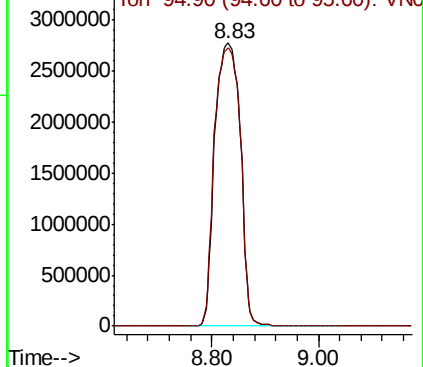
Ion Ratio Lower Upper

130 100

95 98.2 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058462.D (-2176) (-)



#45

1,2-Dichloropropane

Concen: 18.653 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. -0.28 min

Lab File: VN058462.D

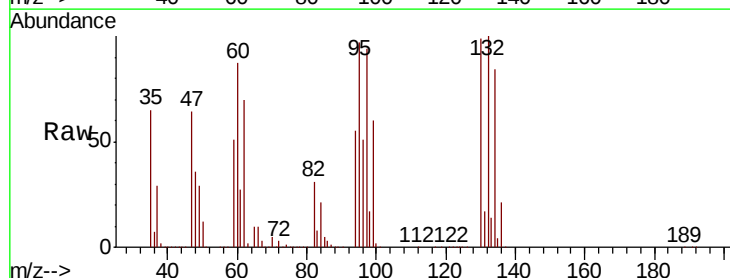
Acq: 1 Oct 2019 14:02

Tgt Ion: 63 Resp: 96818

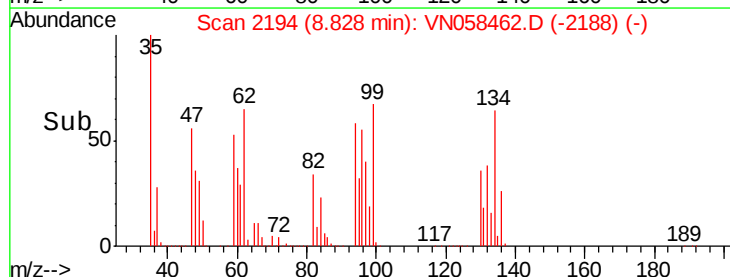
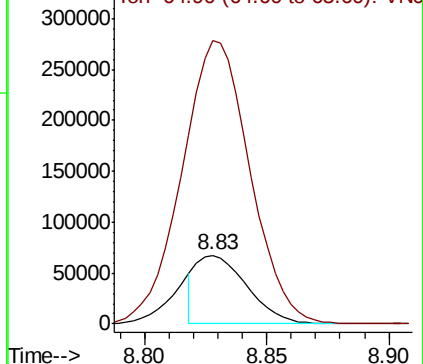
Ion Ratio Lower Upper

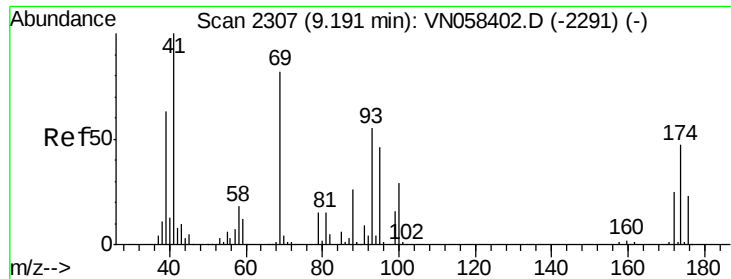
63 100

65 413.3 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN058462.D (-2188) (-)

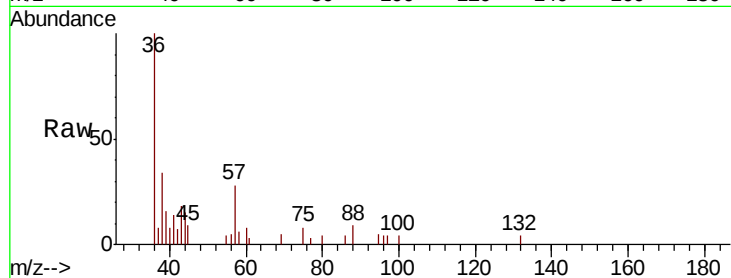




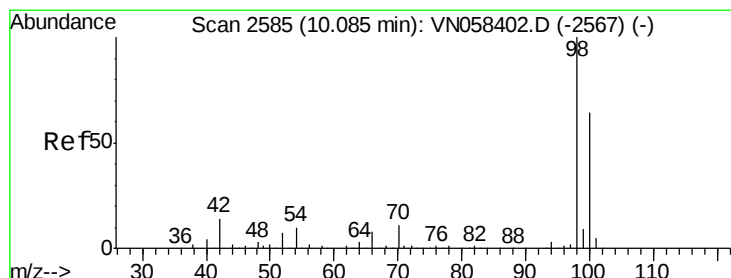
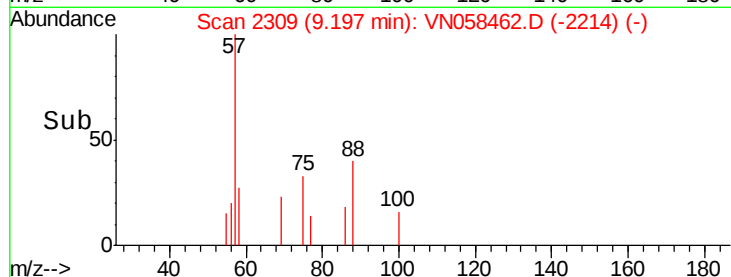
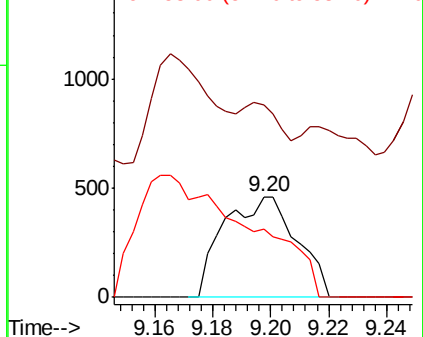
#49
 1,4-Dioxane
 Concen: 12.301 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Instrument :
 MSVOA_N
 ClientSampled :
 COMPOSITE-4

Tot Ion: 88 Resp: 804
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.1 46.7#
 58 0.0 58.1 87.1#

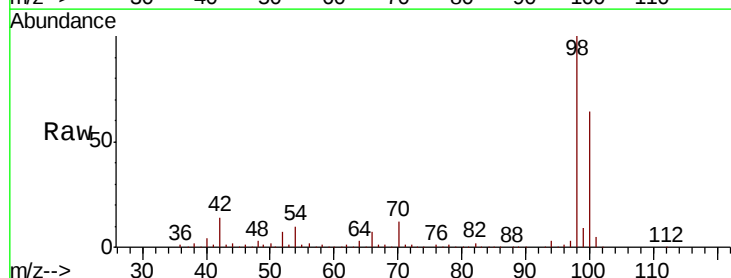


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

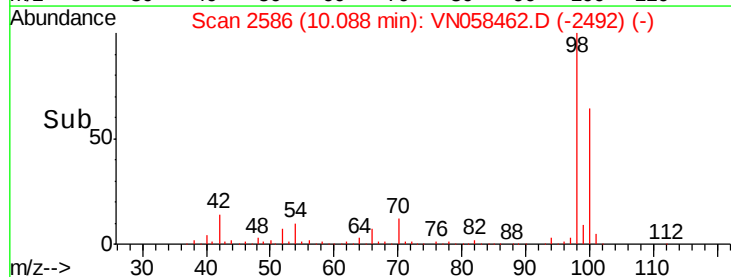
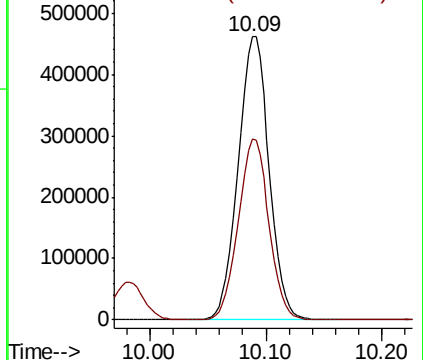


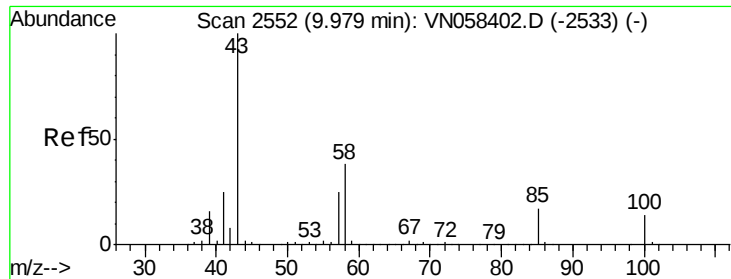
#50
 Toluene-d8
 Concen: 50.451 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion: 98 Resp: 852942
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 157.163 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

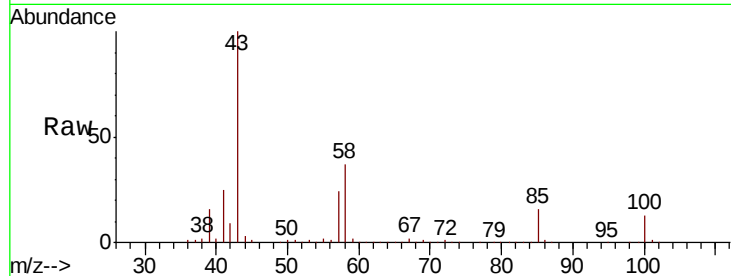
COMPOSITE-4

Tot Ion: 43 Resp: 866595

Ion Ratio Lower Upper

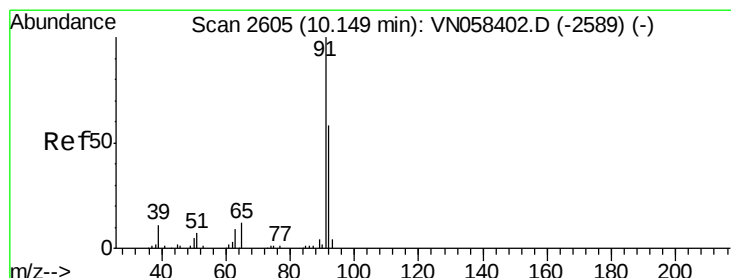
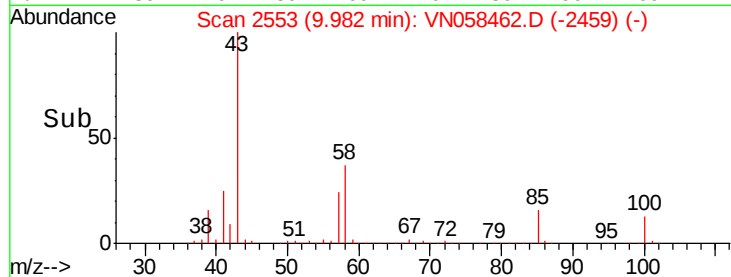
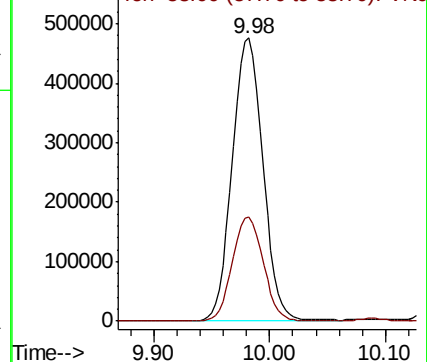
43 100

58 37.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 637.510 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.01 min

Lab File: VN058462.D

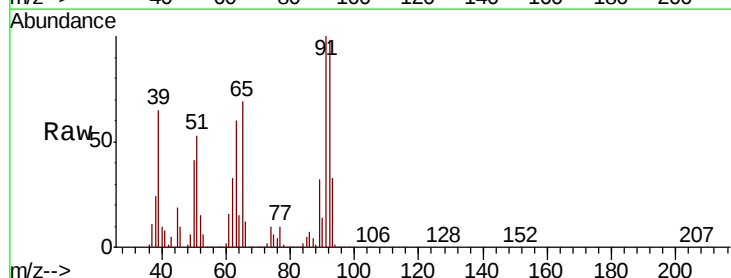
Acq: 1 Oct 2019 14:02

Tgt Ion: 92 Resp: 7766100

Ion Ratio Lower Upper

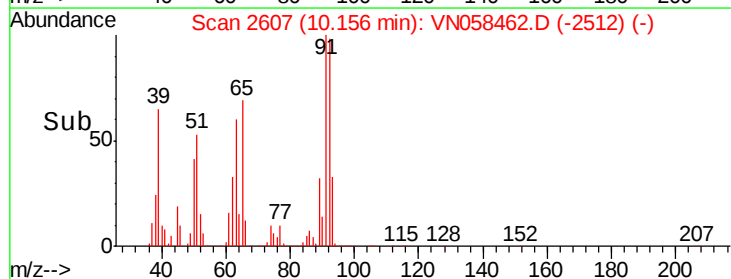
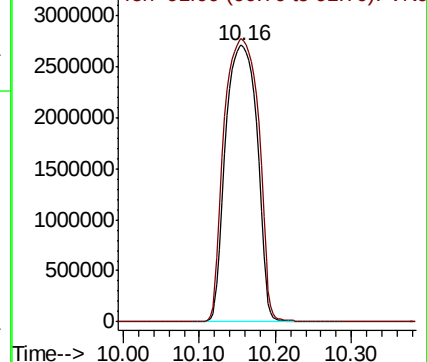
92 100

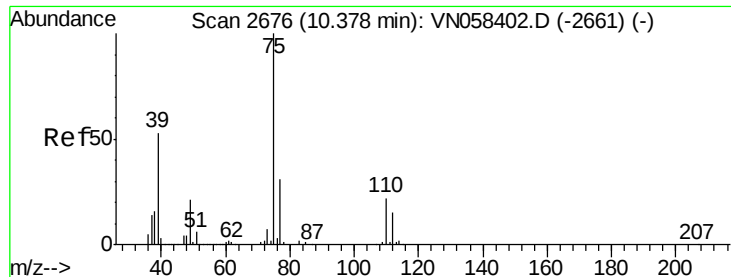
91 112.5 140.2 210.4#



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 42.130 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

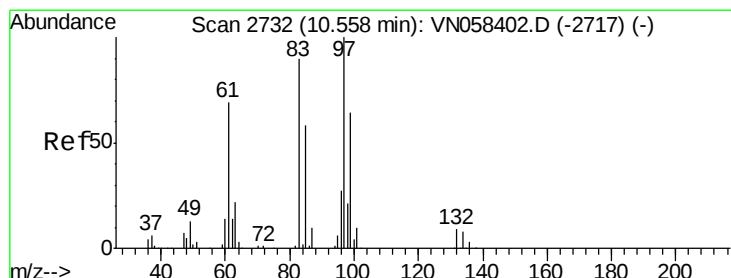
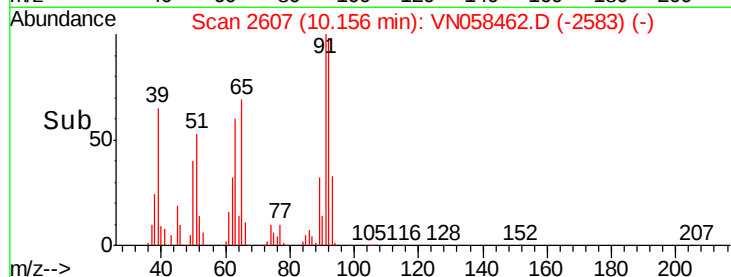
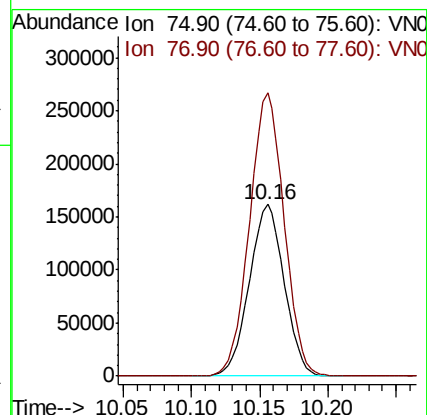
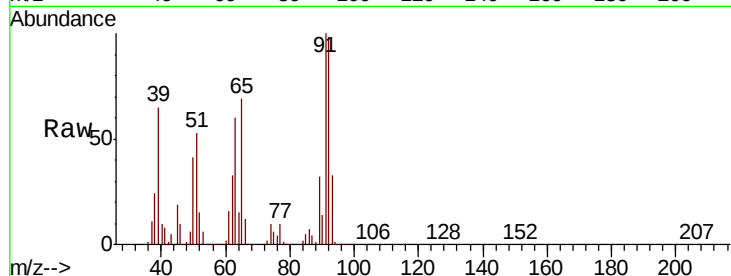
COMPOSITE-4

Tot Ion: 75 Resp: 285591

Ion Ratio Lower Upper

75 100

77 165.1 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 384.490 ug/l

RT: 10.58 min Scan# 2738

Delta R.T. 0.02 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Tgt Ion: 97 Resp: 1705465

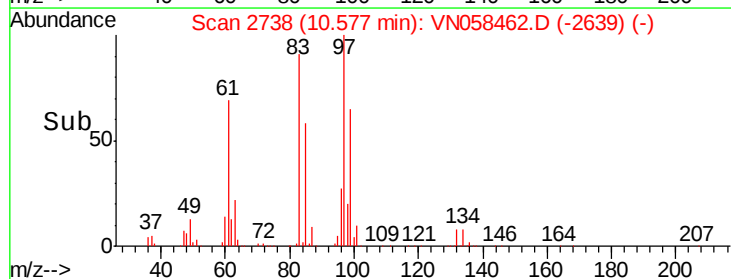
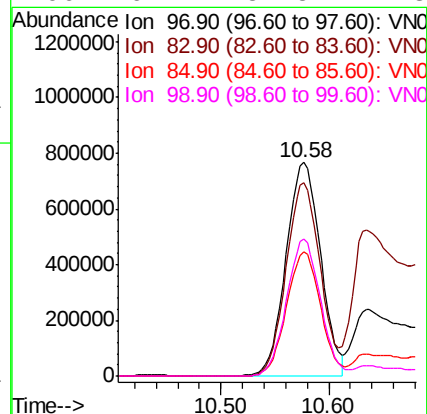
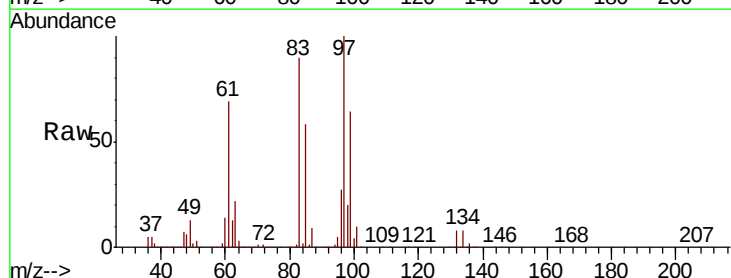
Ion Ratio Lower Upper

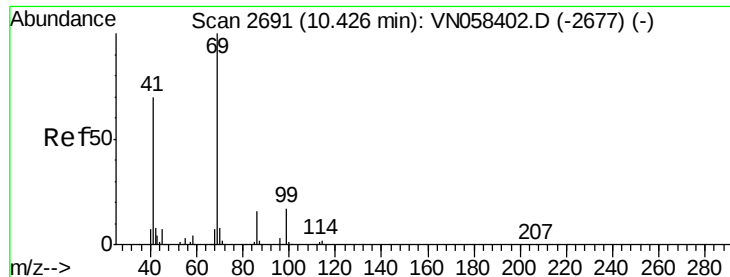
97 100

83 90.5 71.8 107.6

85 58.0 46.6 69.8

99 64.4 51.5 77.3





#56

Ethyl methacrylate

Concen: 0.331 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-4

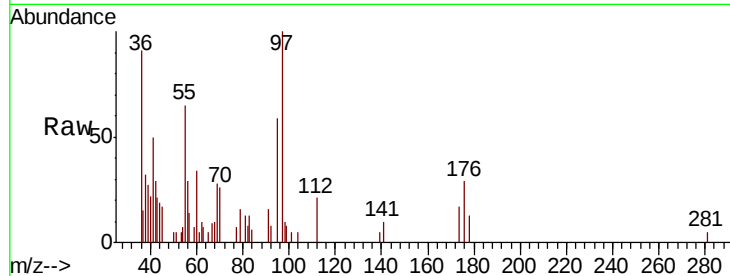
Tot Ion: 69 Resp: 2226

Ion Ratio Lower Upper

69 100

41 0.0 56.3 84.5#

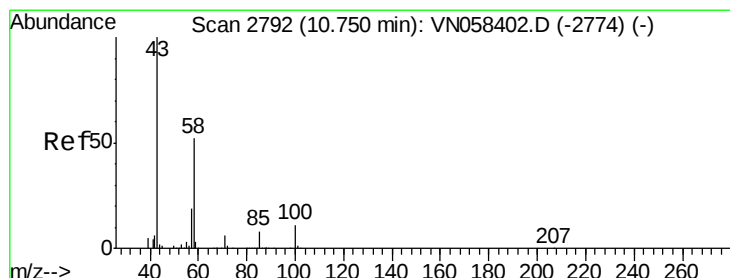
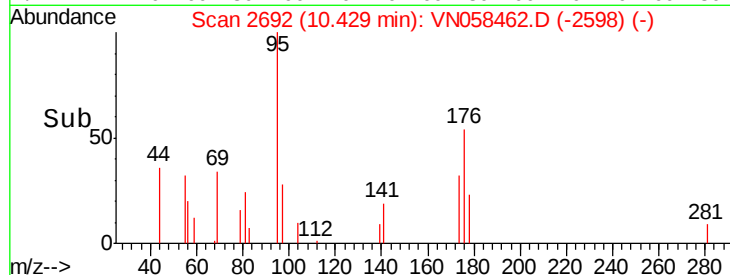
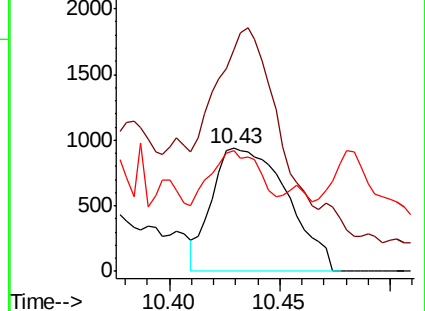
39 0.0 35.8 53.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 7.627 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. -0.02 min

Lab File: VN058462.D

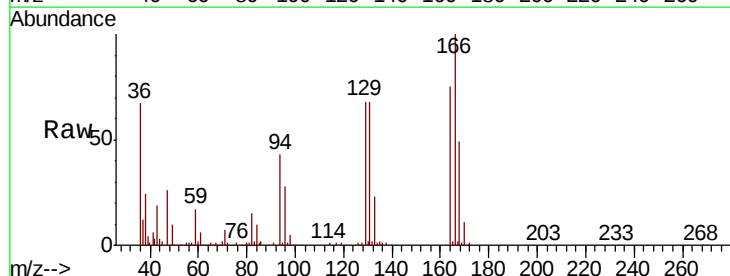
Acq: 1 Oct 2019 14:02

Tgt Ion: 43 Resp: 30621

Ion Ratio Lower Upper

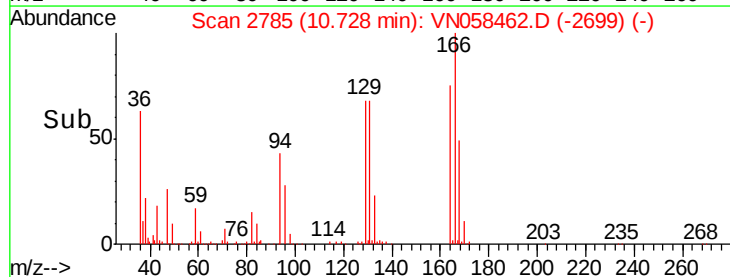
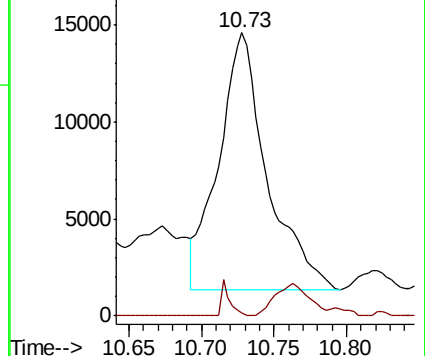
43 100

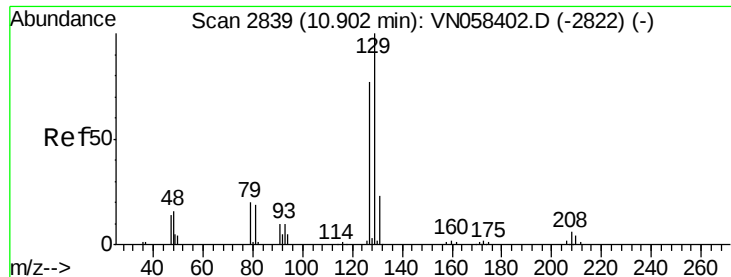
58 2.4 25.8 77.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

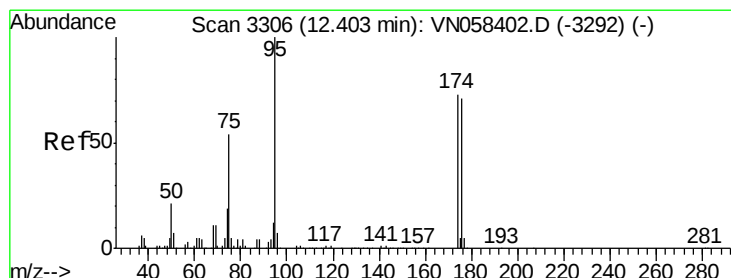
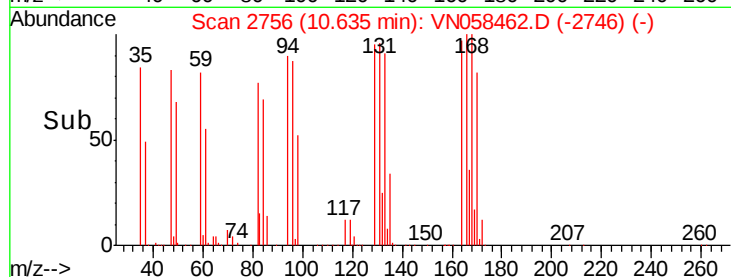
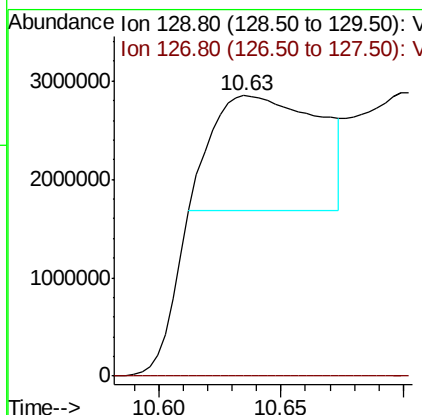
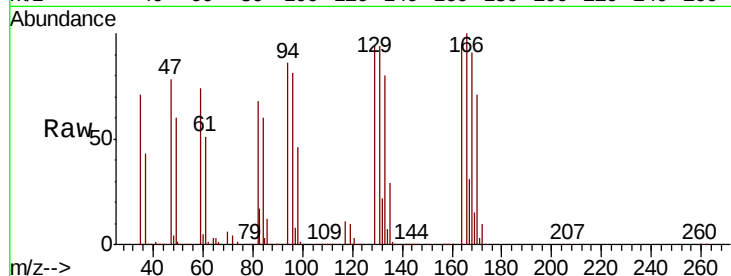




#60
 Dibromochloromethane
 Concen: 790.556 ug/l
 RT: 10.63 min Scan# 2756
 Delta R.T. -0.27 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

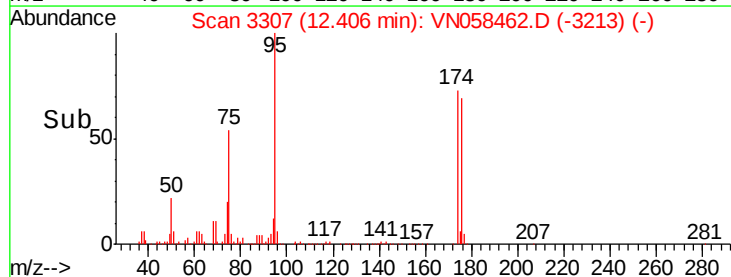
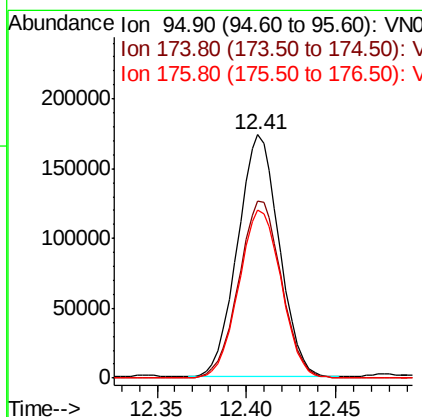
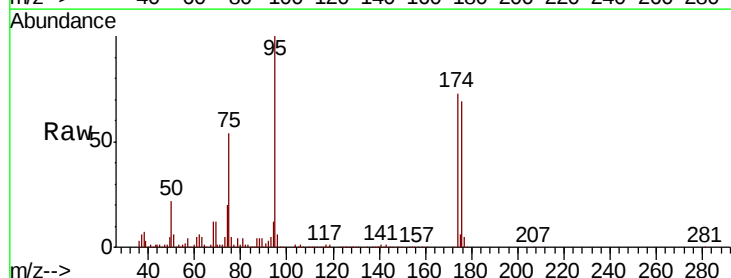
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

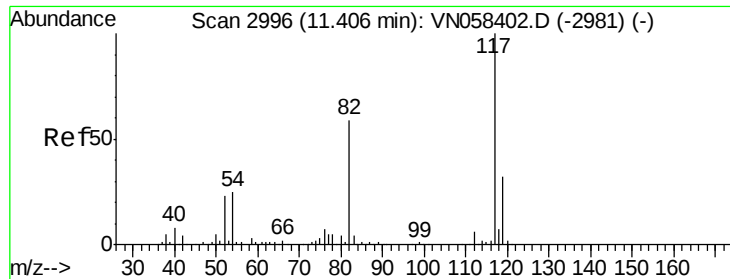
Tot Ion:129 Resp: 3593649
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.8#



#62
 4-Bromofluorobenzene
 Concen: 46.297 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion: 95 Resp: 283015
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.6
 176 71.1 0.0 146.2

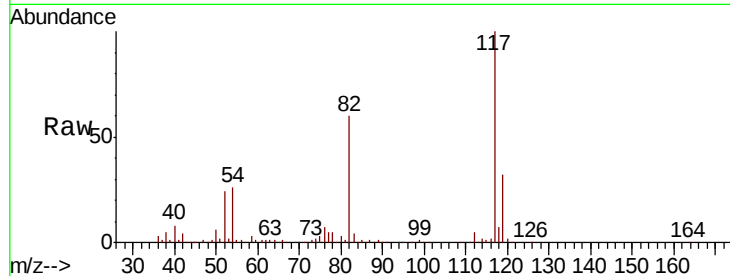




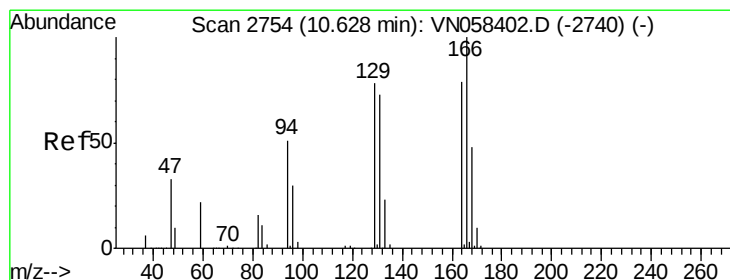
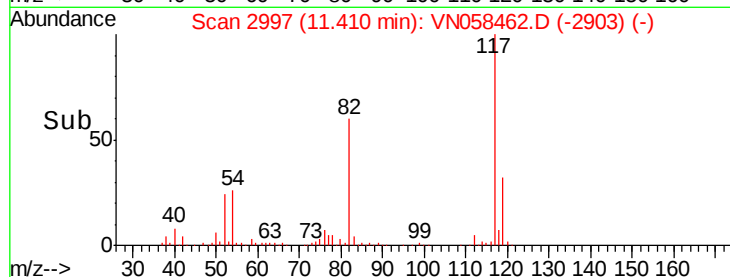
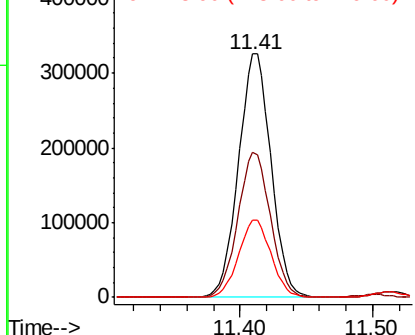
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

Tot Ion:117 Resp: 554110
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 31.8 25.5 38.3

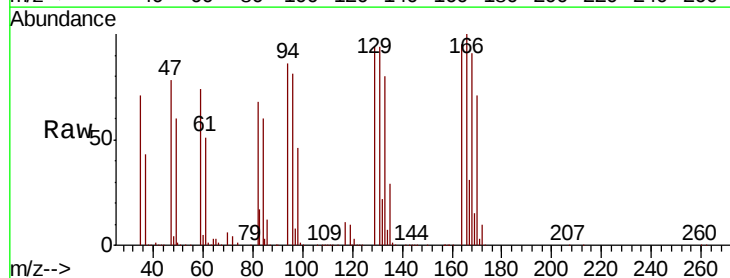


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

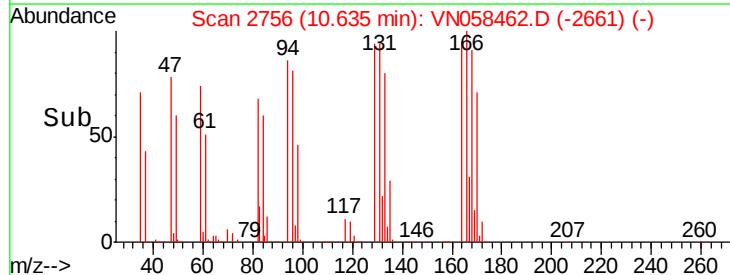
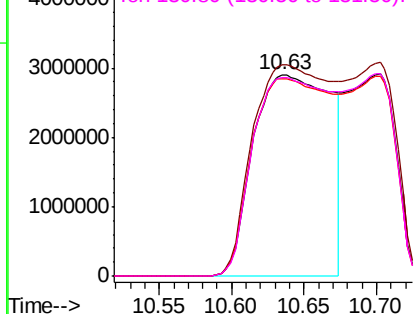


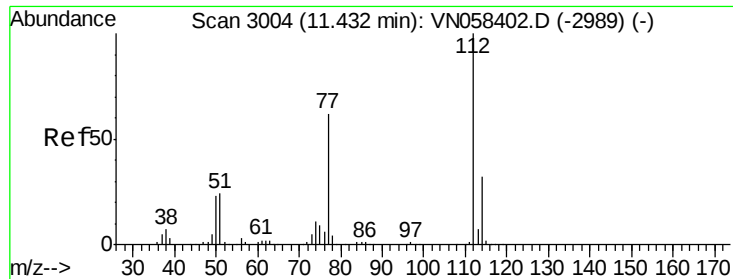
#64
Tetrachloroethene
Concen: 3032.591 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.01 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion:164 Resp:10676059
Ion Ratio Lower Upper
164 100
166 105.0 101.1 151.7
129 98.4 79.2 118.8
131 98.9 74.1 111.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

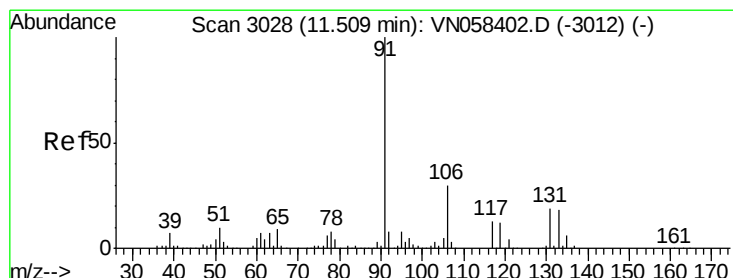
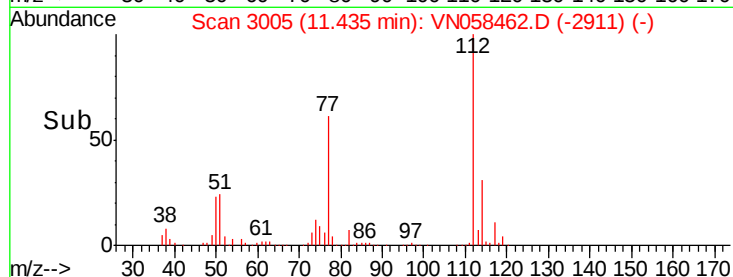
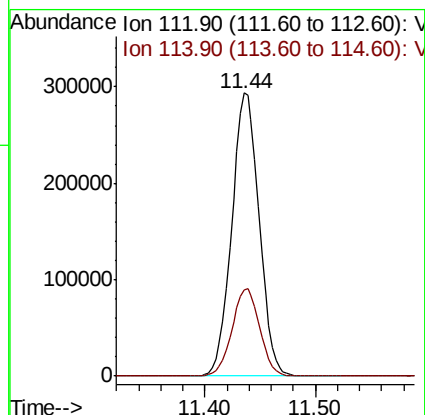
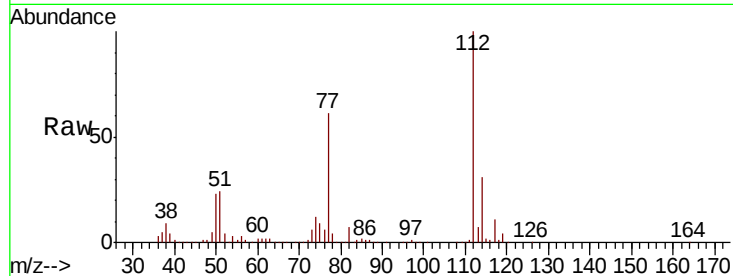




#65
Chlorobenzene
Concen: 45.827 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

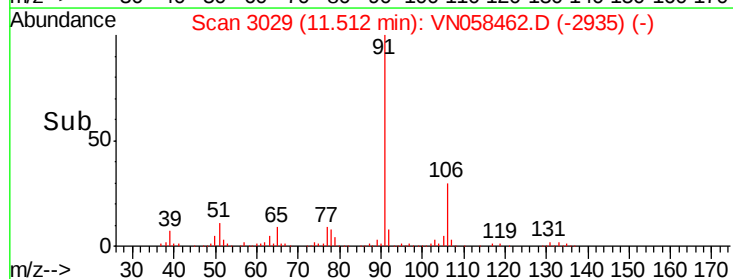
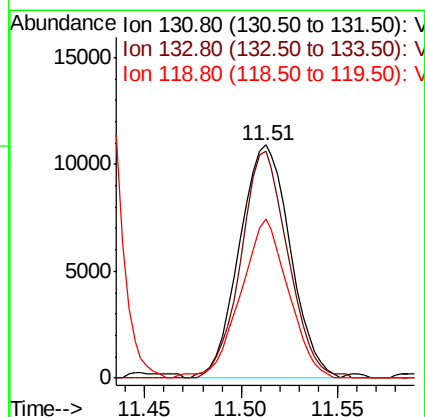
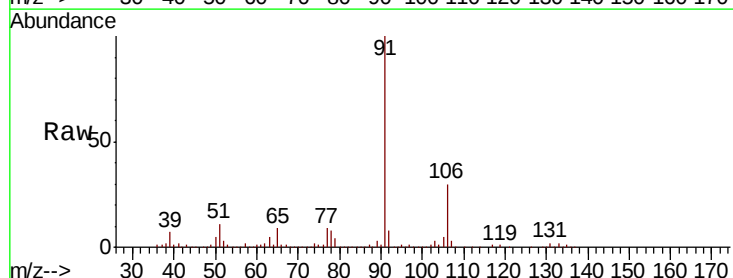
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

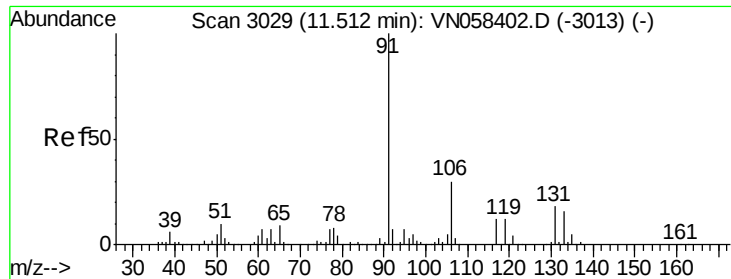
Tot Ion:112 Resp: 504757
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.379 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion:131 Resp: 19962
Ion Ratio Lower Upper
131 100
133 90.2 47.8 143.3
119 64.2 33.0 99.0

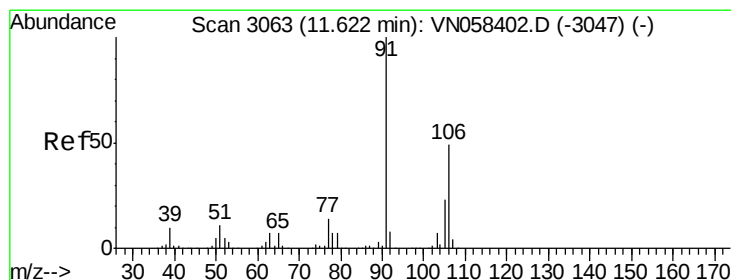
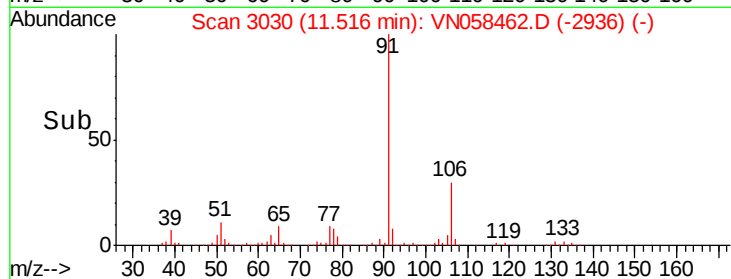
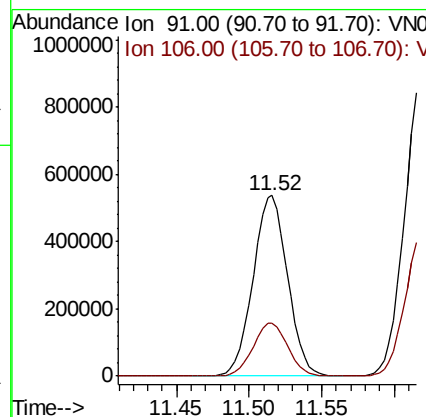
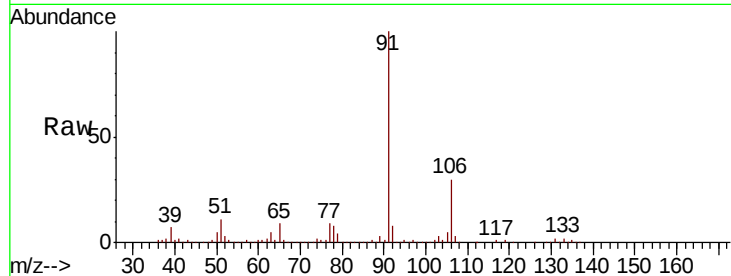




#67
Ethyl Benzene
Concen: 44.666 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

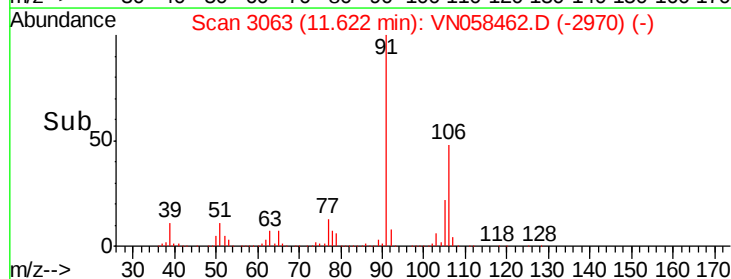
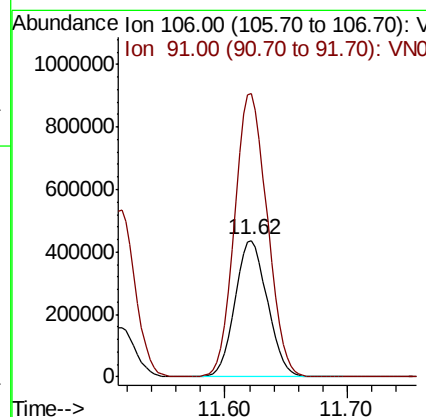
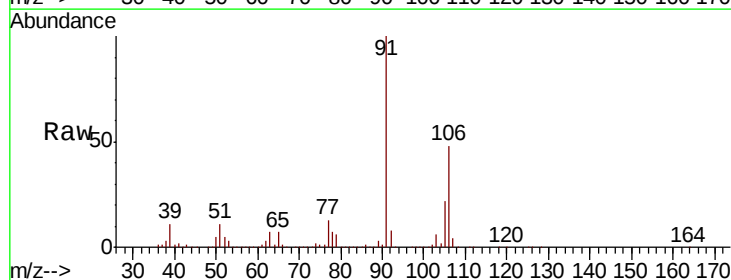
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-4

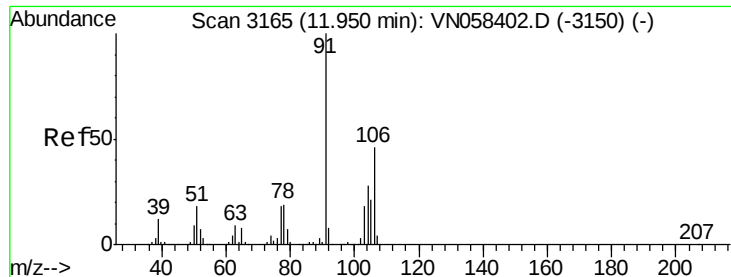
Tot Ion: 91 Resp: 891103
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5



#68
m/p-Xylenes
Concen: 106.861 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion: 106 Resp: 802113
Ion Ratio Lower Upper
106 100
91 210.2 165.0 247.4

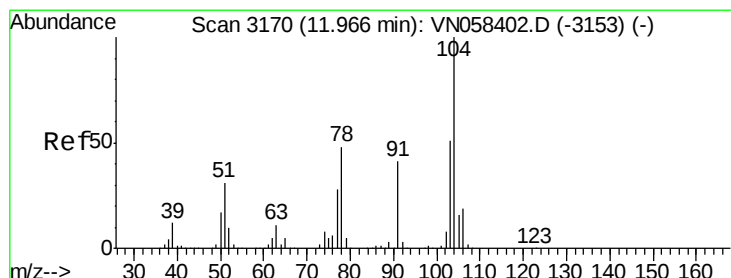
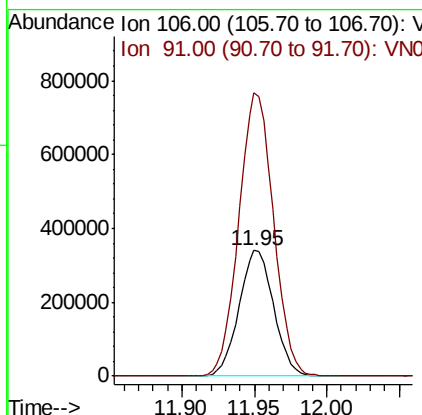
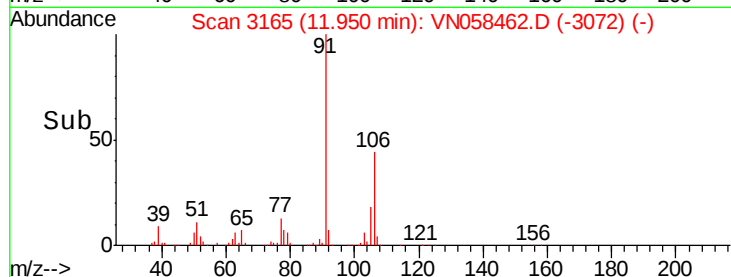
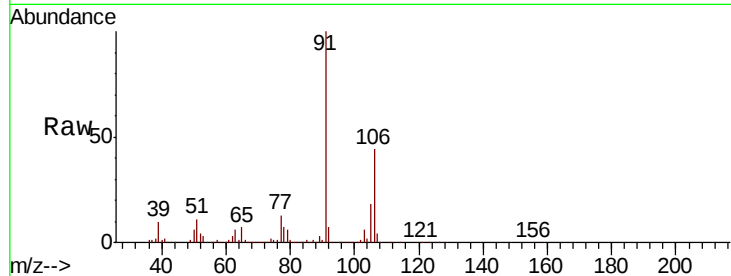




#69
o-Xylene
Concen: 78.192 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

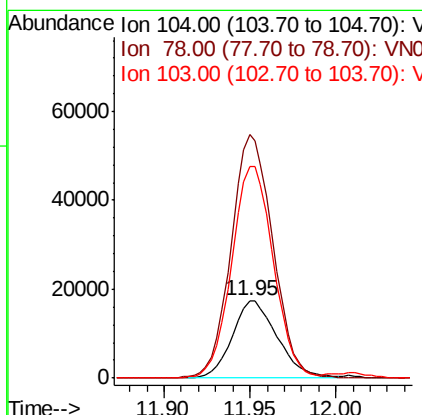
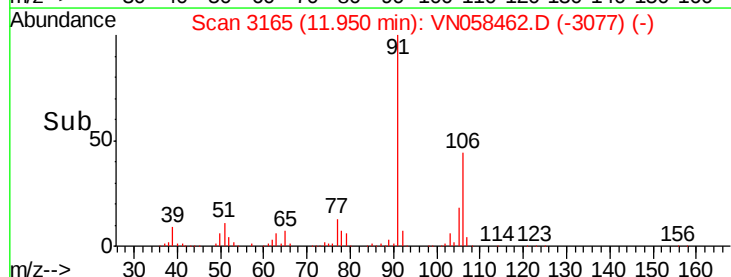
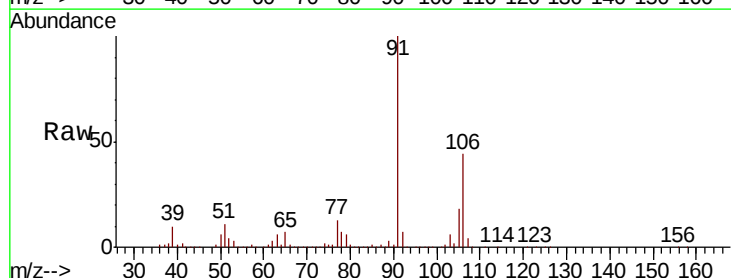
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-4

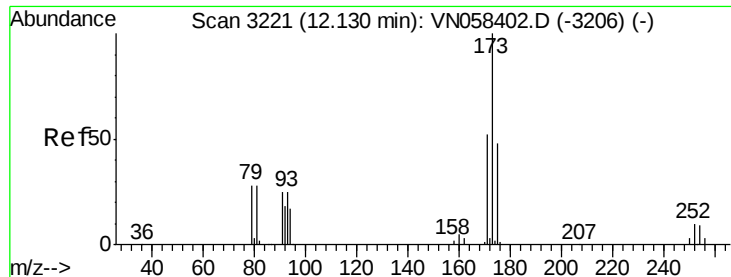
Tot Ion:106 Resp: 564995
Ion Ratio Lower Upper
106 100
91 226.4 109.1 327.4



#70
Styrene
Concen: 2.706 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.02 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion:104 Resp: 31762
Ion Ratio Lower Upper
104 100
78 292.5 42.8 64.2#
103 254.1 43.7 65.5#





#71

Bromoform

Concen: 1.222 ug/l

RT: 12.00 min Scan# 3182

Delta R.T. -0.12 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

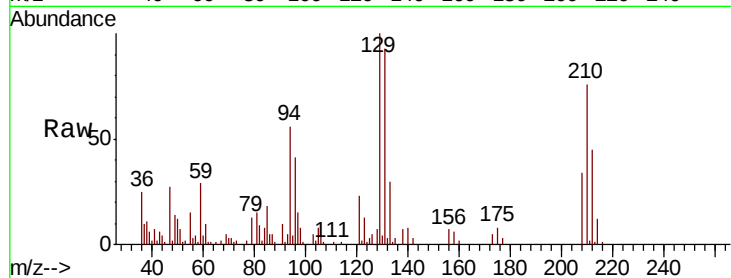
Tot Ion:173 Resp: 1372

Ion Ratio Lower Upper

173 100

175 165.9 24.3 73.0#

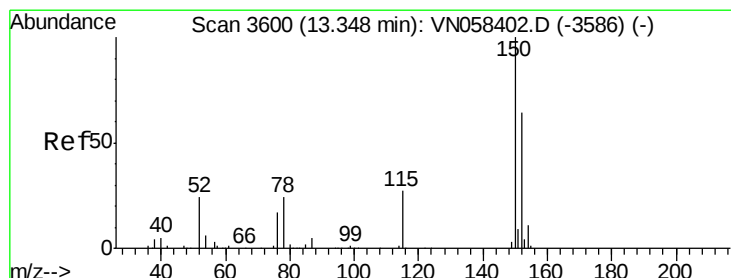
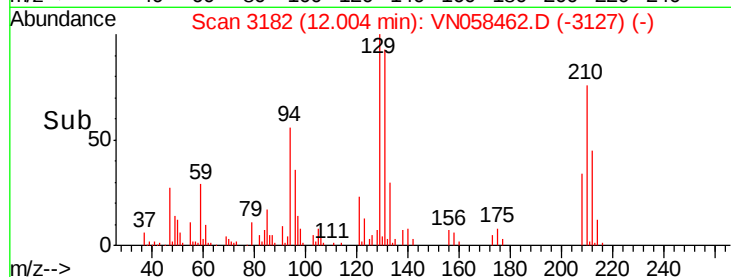
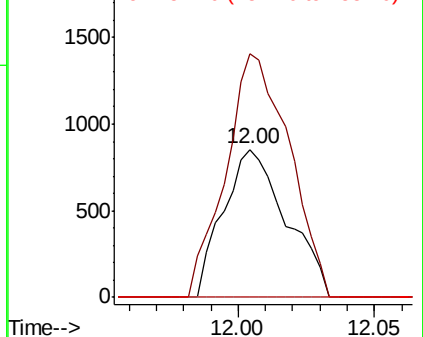
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

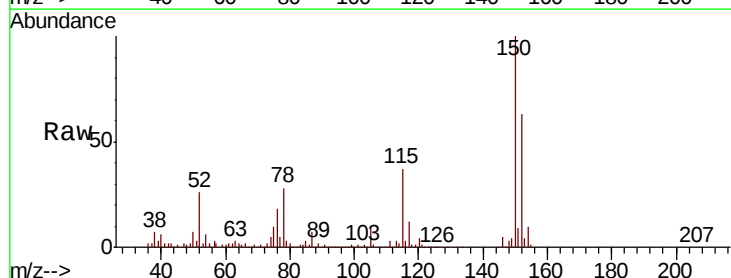
Tgt Ion:152 Resp: 279425

Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

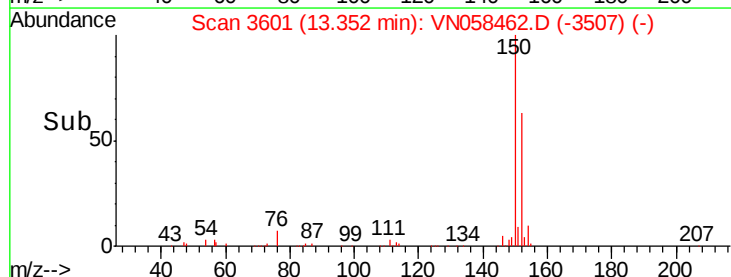
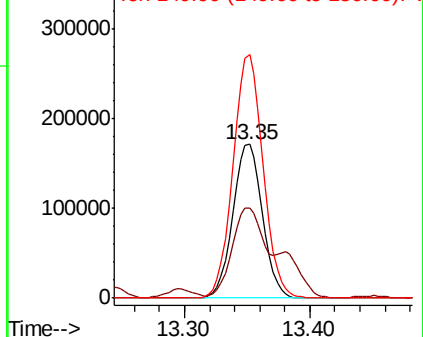
150 160.4 0.0 348.2

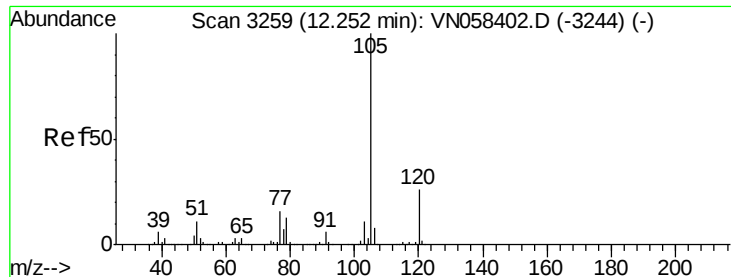


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 12.980 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

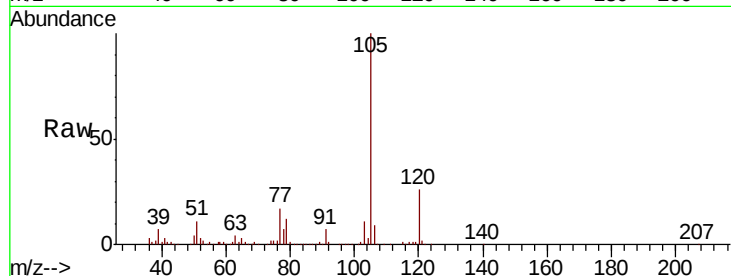
COMPOSITE-4

Tot Ion:105 Resp: 268033

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.26

150000

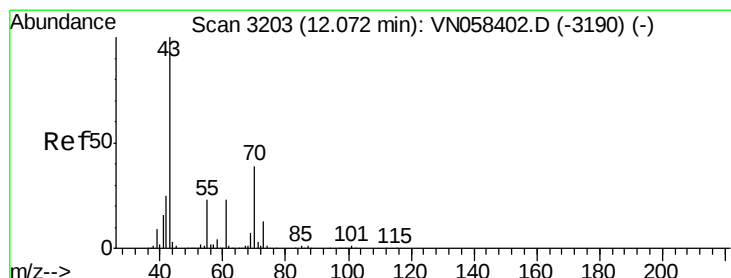
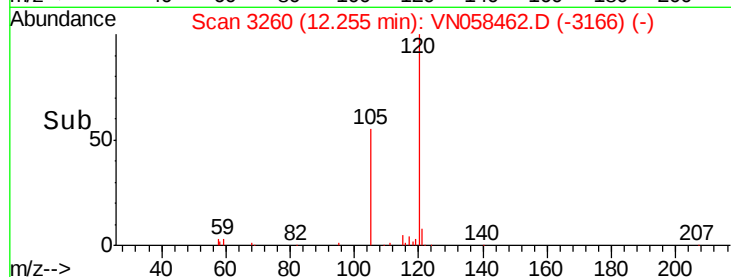
100000

50000

0

Time-->

12.20 12.25 12.30 12.35



#74

N-ethyl acetate

Concen: 1.287 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Tgt Ion: 43 Resp: 10569

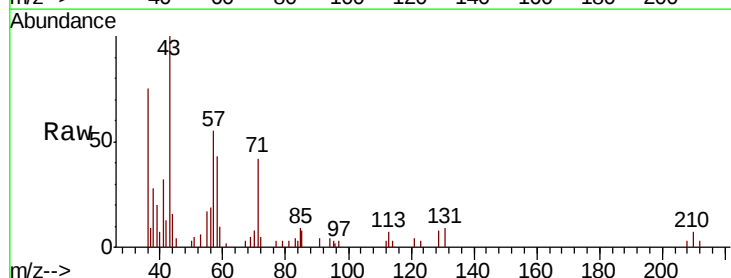
Ion Ratio Lower Upper

43 100

70 2.9 31.4 47.2#

55 0.0 18.2 27.4#

61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

10000

8000

6000

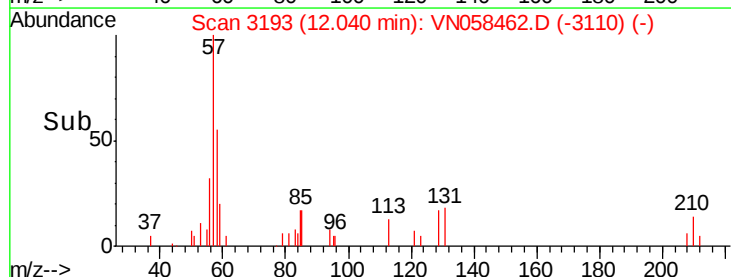
4000

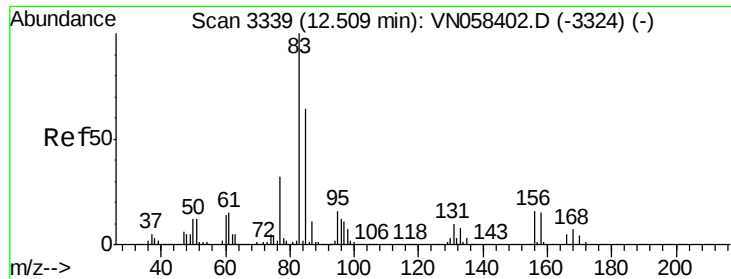
2000

0

Time-->

12.00 12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 0.788 ug/l

RT: 12.51 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

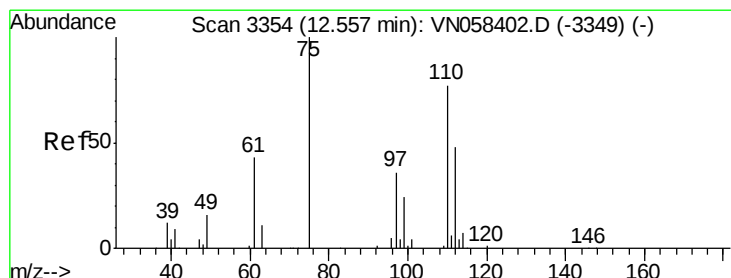
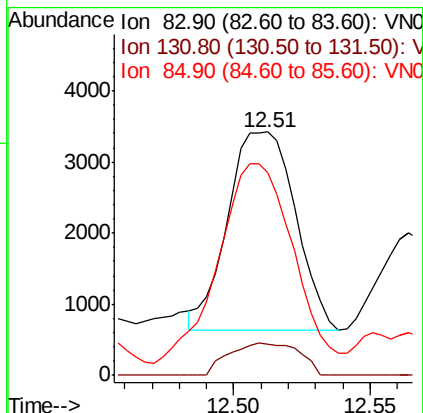
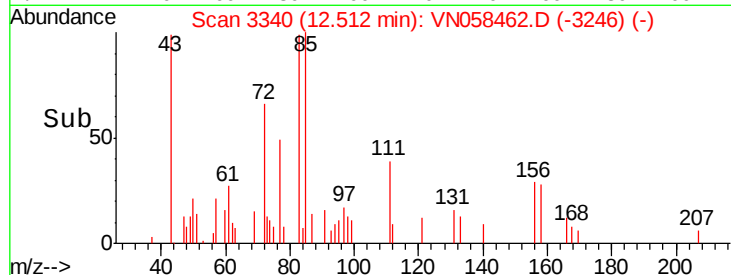
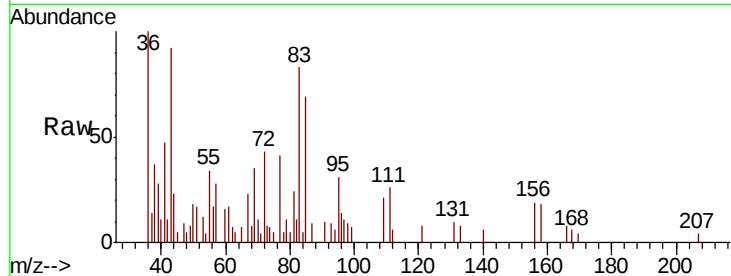
Tot Ion: 83 Resp: 4810

Ion Ratio Lower Upper

83 100

131 16.8 4.9 14.7#

85 109.2 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 1.625 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.04 min

Lab File: VN058462.D

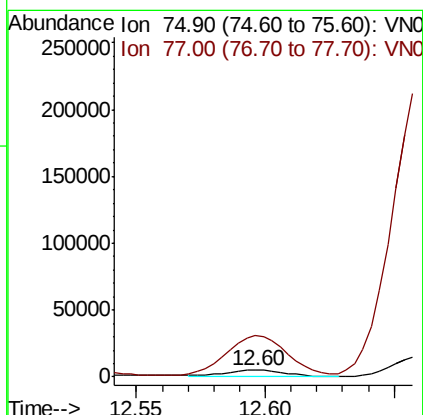
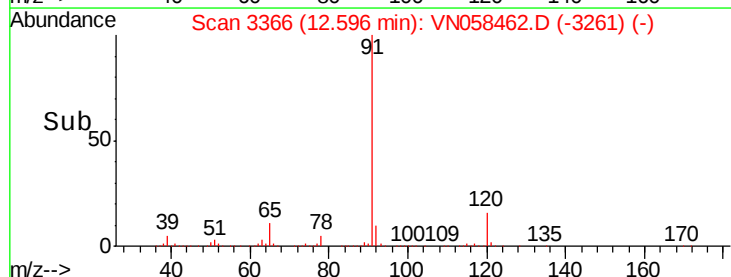
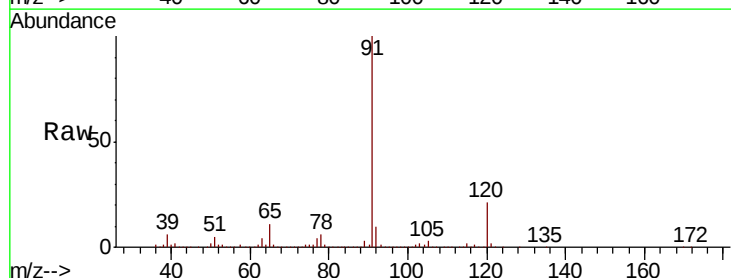
Acq: 1 Oct 2019 14:02

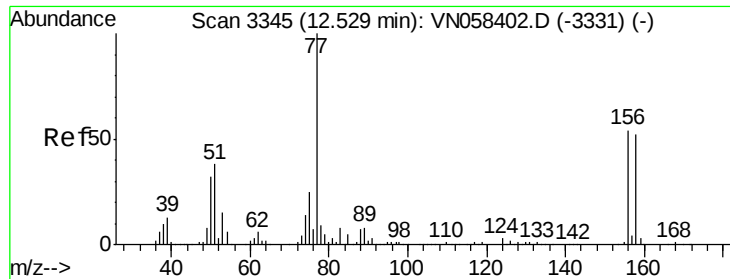
Tgt Ion: 75 Resp: 8294

Ion Ratio Lower Upper

75 100

77 559.9 0.0 0.0#





#77

Bromobenzene

Concen: 0.947 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

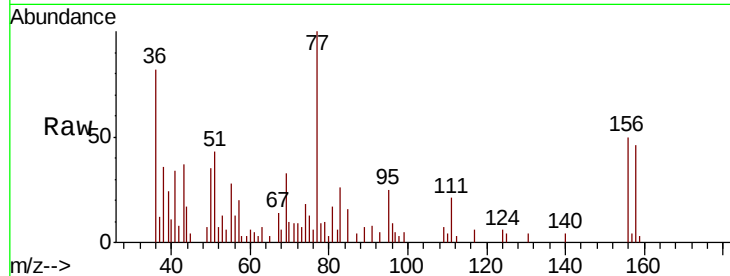
Tot Ion:156 Resp: 4585

Ion Ratio Lower Upper

156 100

77 0.0 110.0 330.0#

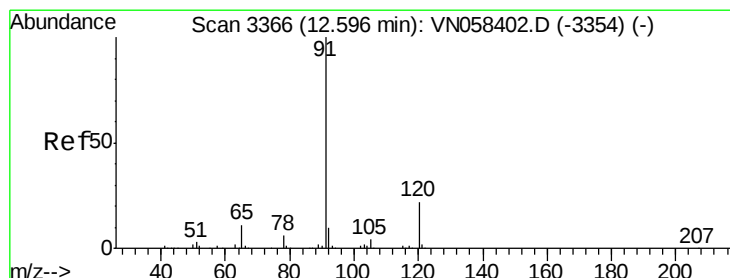
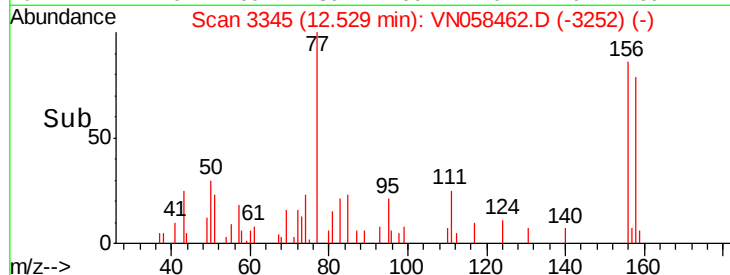
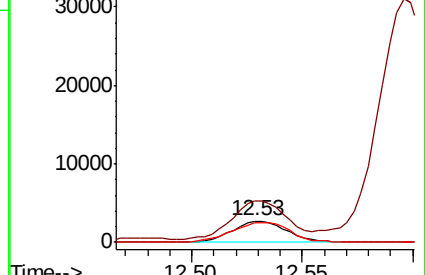
158 100.1 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.987 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058462.D

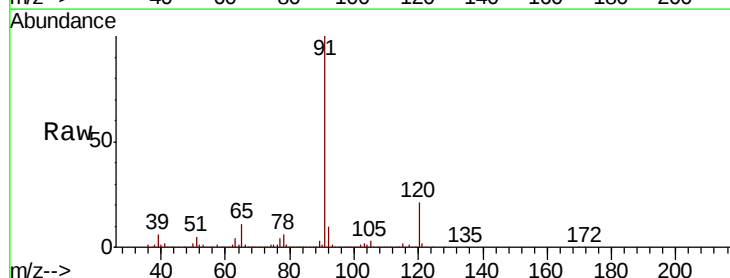
Acq: 1 Oct 2019 14:02

Tgt Ion: 91 Resp: 1232729

Ion Ratio Lower Upper

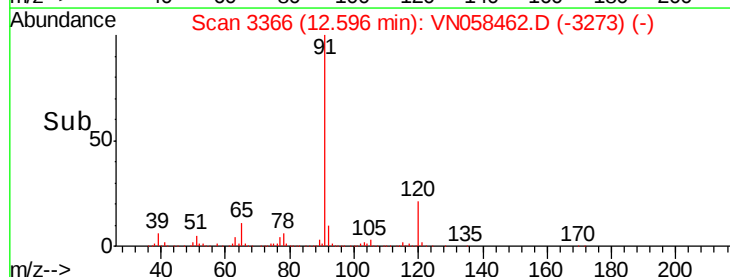
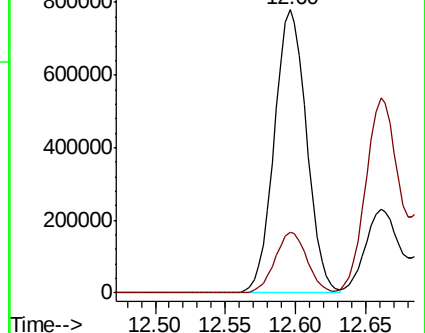
91 100

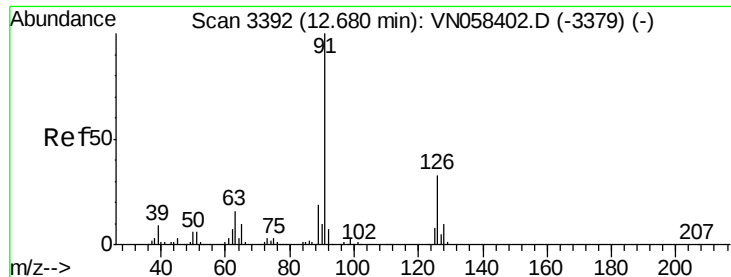
120 21.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.596 ug/l

RT: 12.66 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

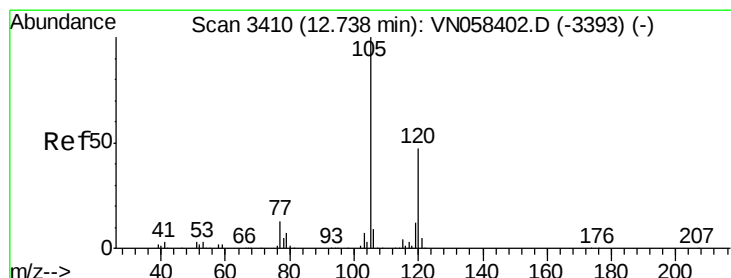
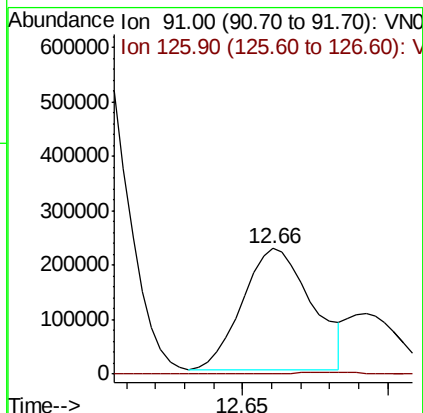
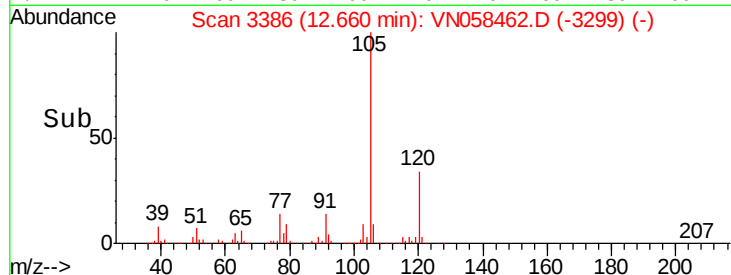
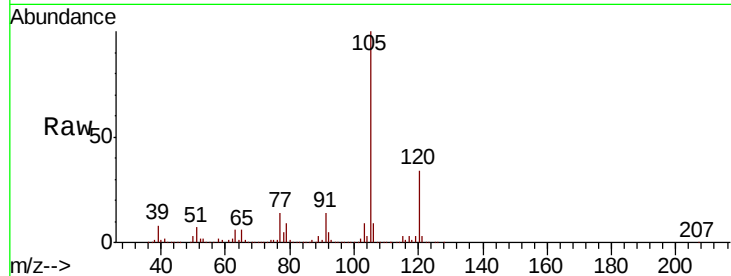
COMPOSITE-4

Tot Ion: 91 Resp: 367552

Ion Ratio Lower Upper

91 100

126 1.7 16.2 48.6#



#80

1,3,5-Trimethylbenzene

Concen: 98.651 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058462.D

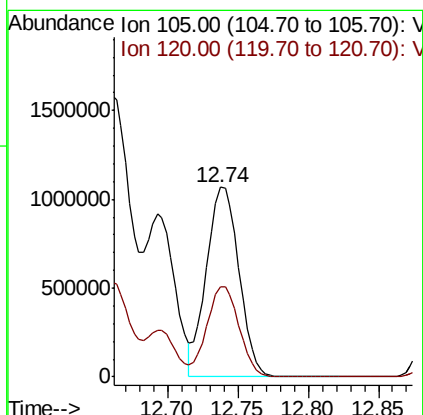
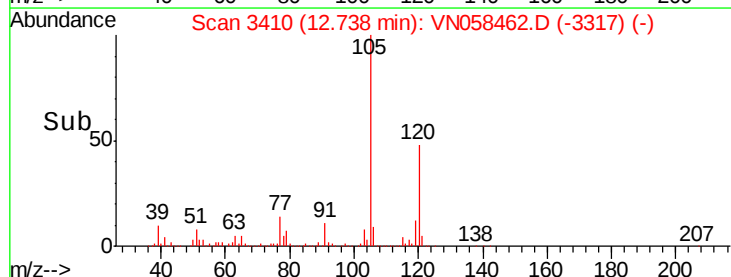
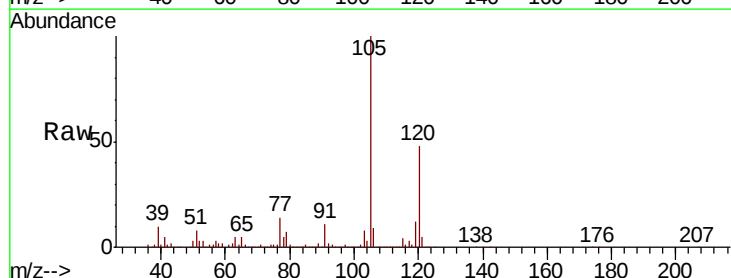
Acq: 1 Oct 2019 14:02

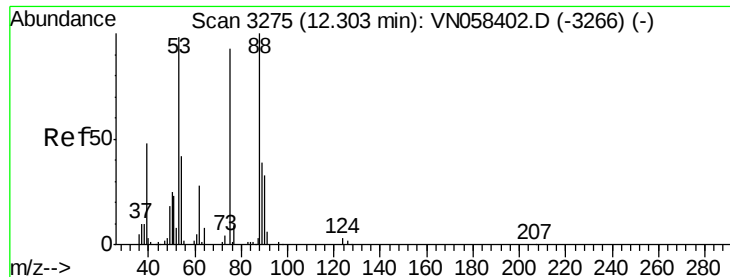
Tgt Ion:105 Resp: 1705306

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 92.487 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

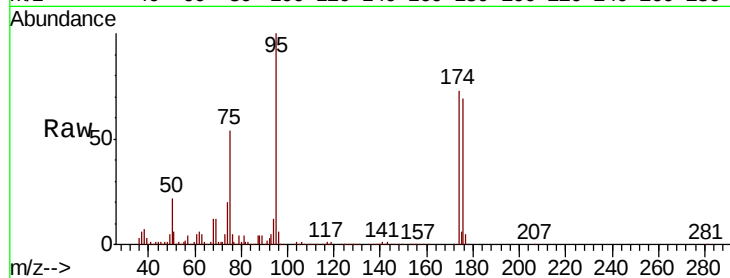
Tot Ion: 75 Resp: 155419

Ion Ratio Lower Upper

75 100

53 2.8 85.4 128.0#

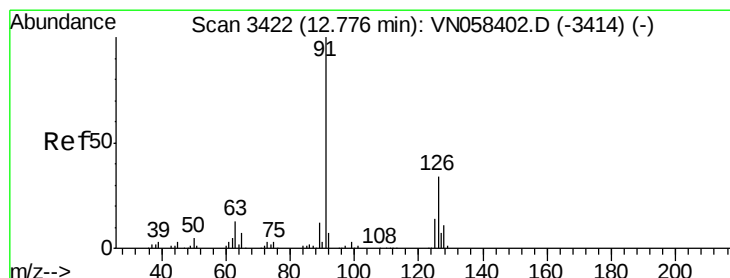
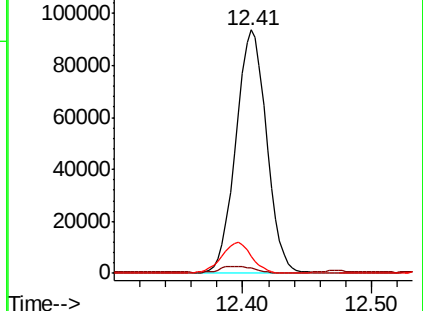
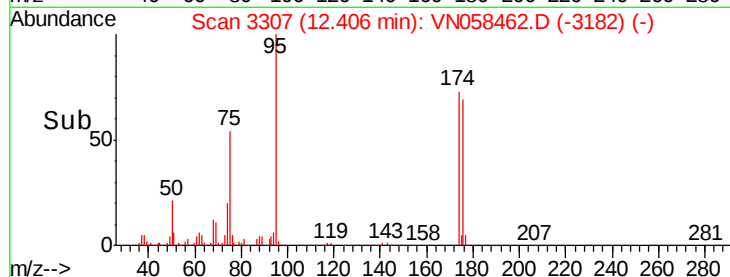
89 12.5 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 13.585 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.04 min

Lab File: VN058462.D

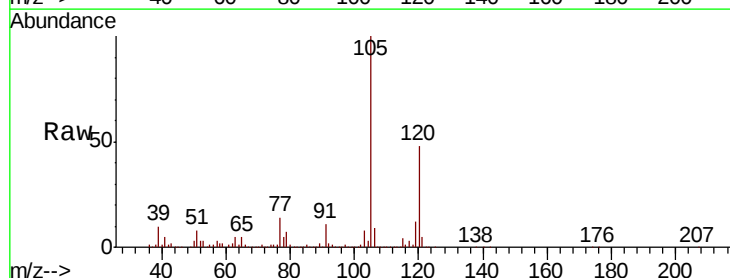
Acq: 1 Oct 2019 14:02

Tgt Ion: 91 Resp: 199062

Ion Ratio Lower Upper

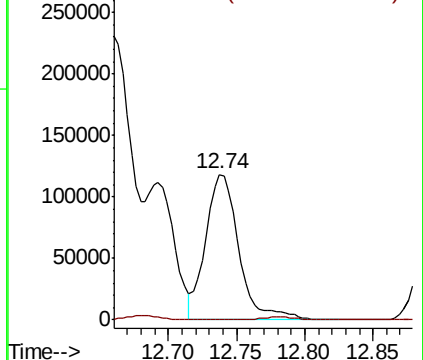
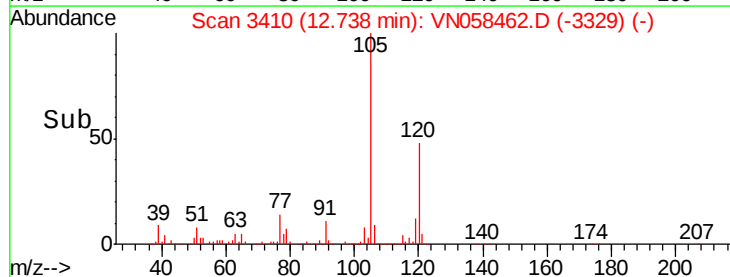
91 100

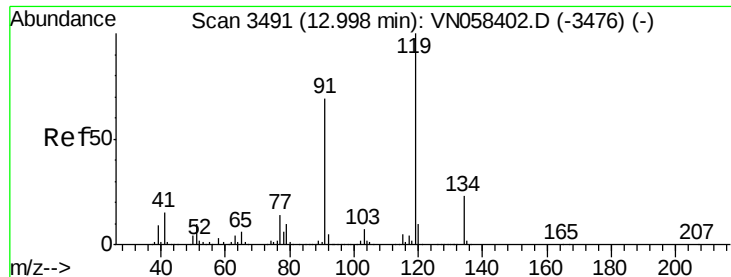
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

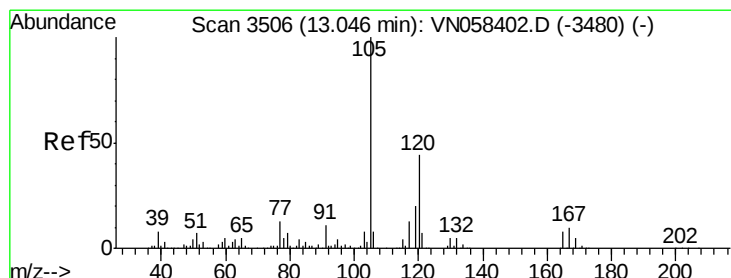
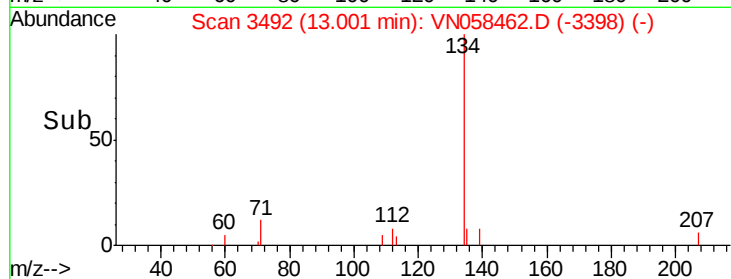
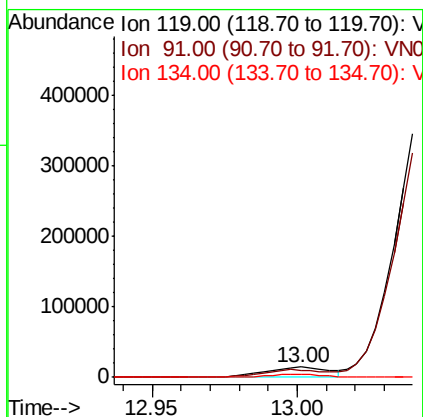
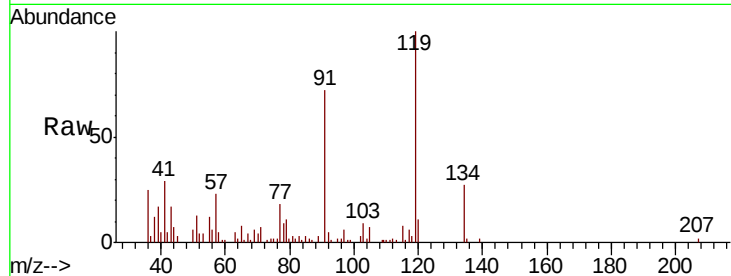




#83
tert-Butylbenzene
Concen: 1.531 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

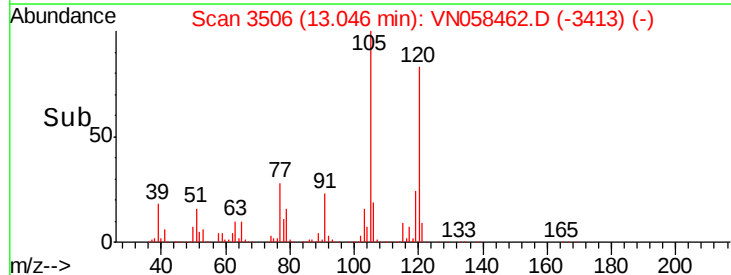
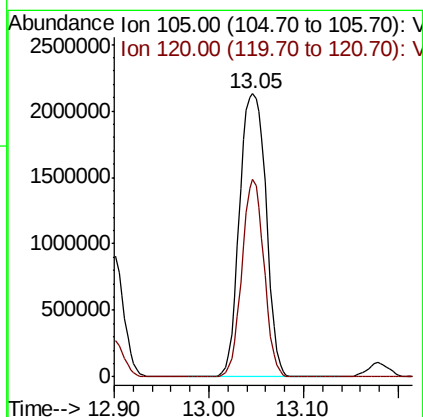
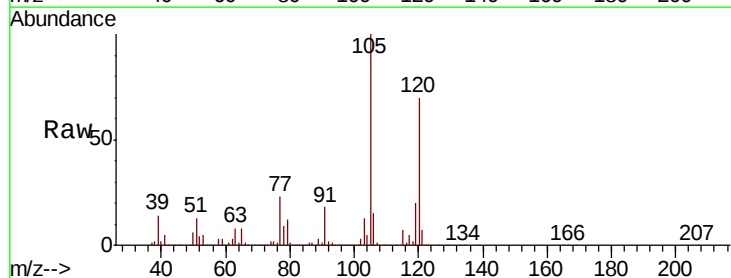
Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-4

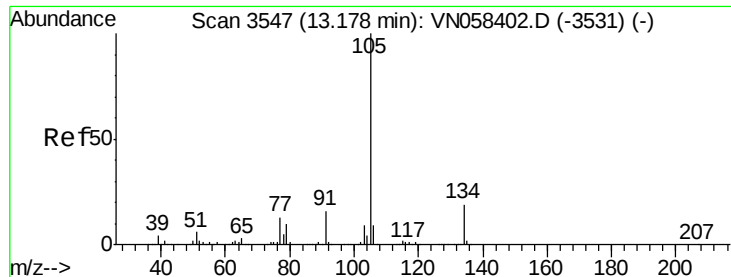
Tot Ion:119 Resp: 22326
Ion Ratio Lower Upper
119 100
91 0.0 34.2 102.6#
134 26.8 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 238.898 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion:105 Resp: 4137521
Ion Ratio Lower Upper
105 100
120 58.2 21.7 65.1





#85

sec-Butylbenzene

Concen: 8.829 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

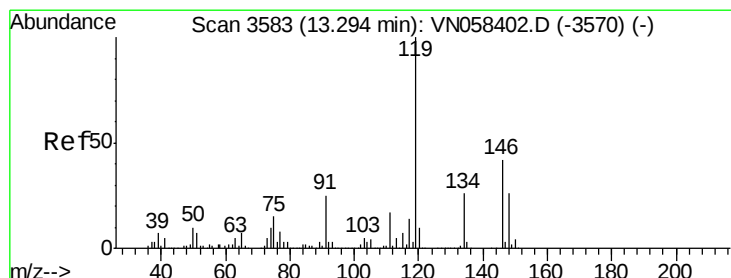
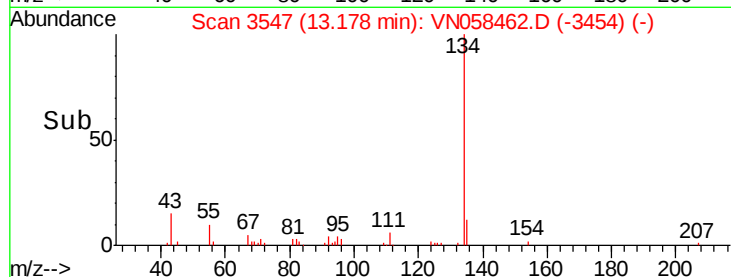
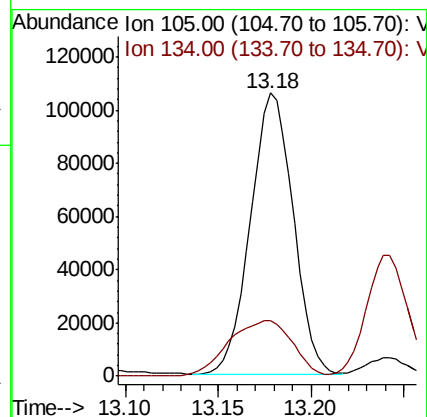
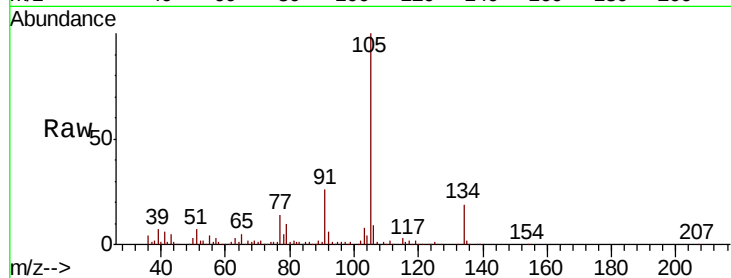
COMPOSITE-4

Tot Ion:105 Resp: 169511

Ion Ratio Lower Upper

105 100

134 29.3 9.4 28.2#



#86

p-Isopropyltoluene

Concen: 11.864 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

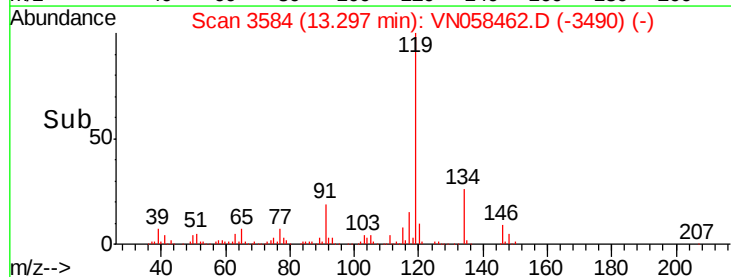
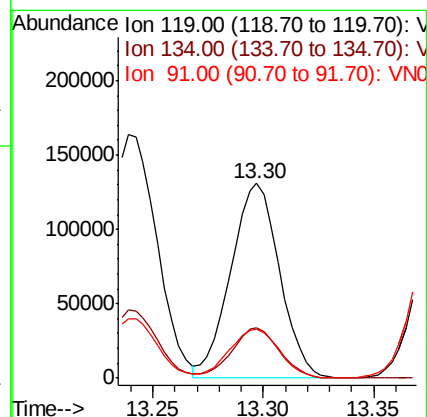
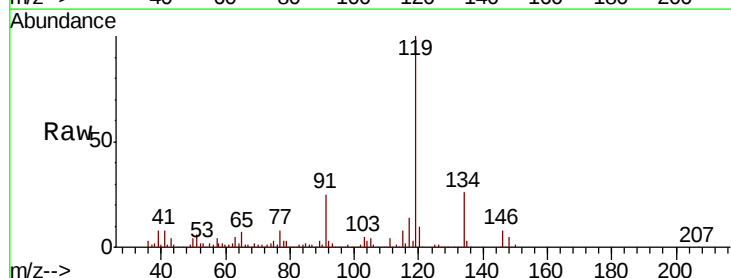
Tgt Ion:119 Resp: 200496

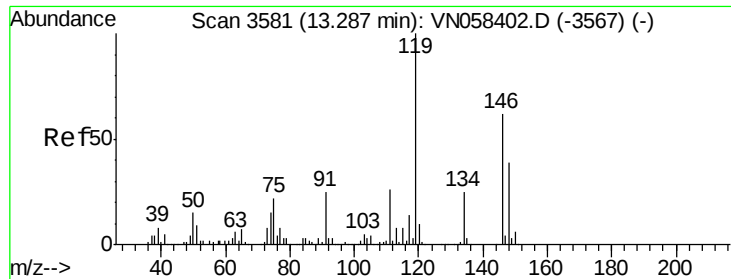
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

91 25.1 12.4 37.0

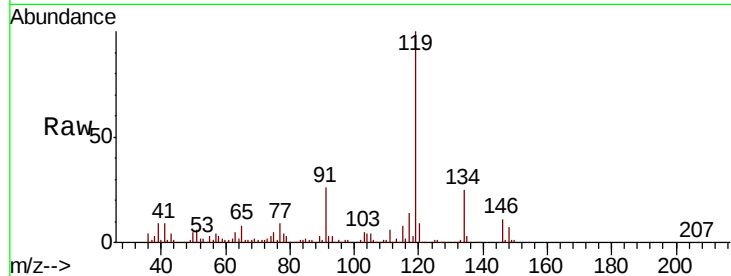




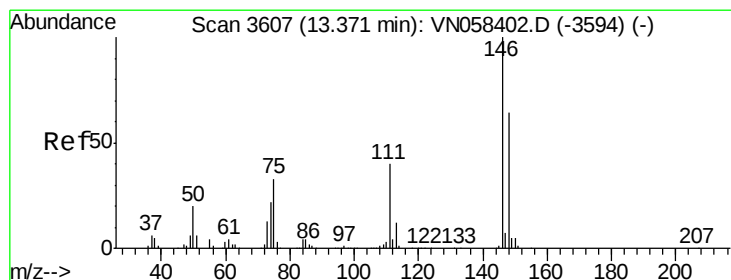
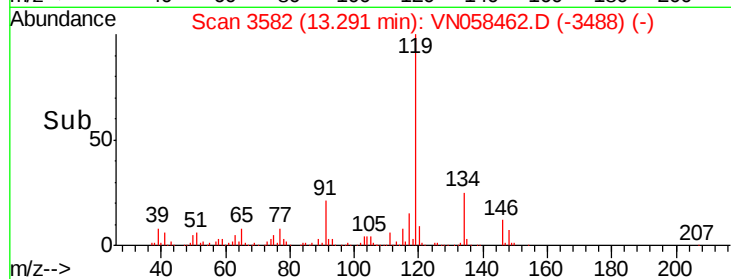
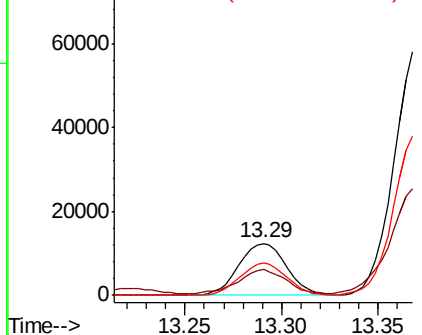
#87
 1,3-Dichlorobenzene
 Concen: 2.404 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

Tot Ion:146 Resp: 21110
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.8 62.4
 148 61.0 31.4 94.3

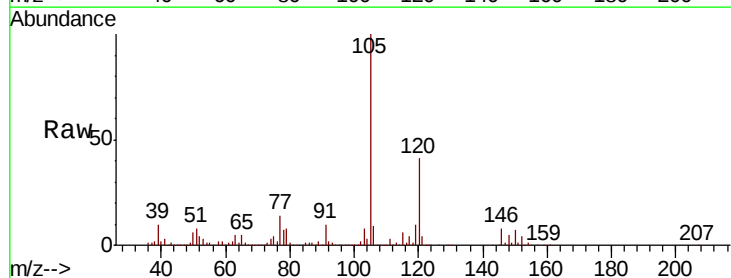


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

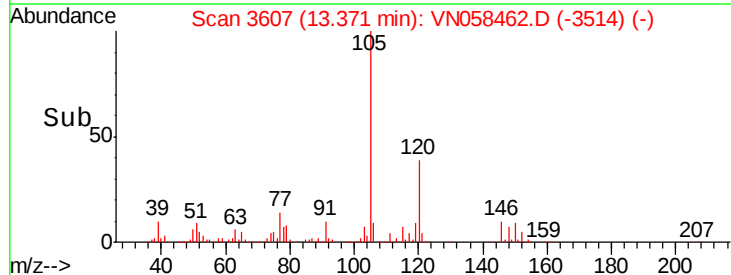
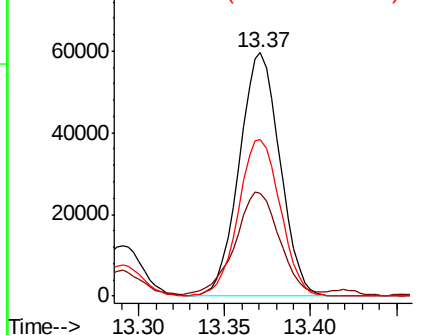


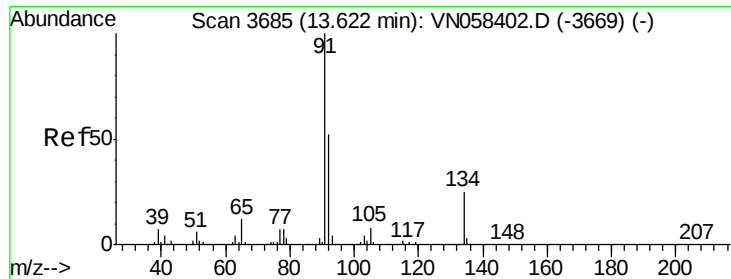
#88
 1,4-Dichlorobenzene
 Concen: 11.227 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion:146 Resp: 98072
 Ion Ratio Lower Upper
 146 100
 111 44.8 20.5 61.6
 148 66.1 31.5 94.5



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: 10.297 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

COMPOSITE-4

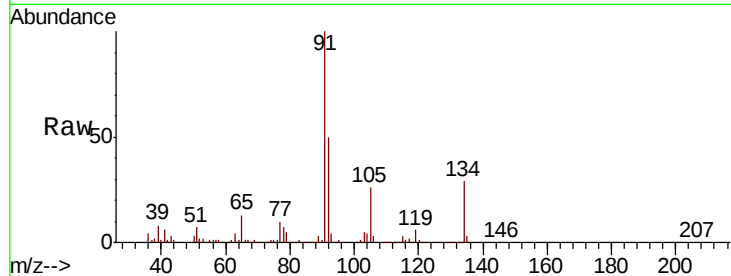
Tot Ion: 91 Resp: 157625

Ion Ratio Lower Upper

91 100

92 59.8 25.7 77.1

134 0.0 12.2 36.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0

150000

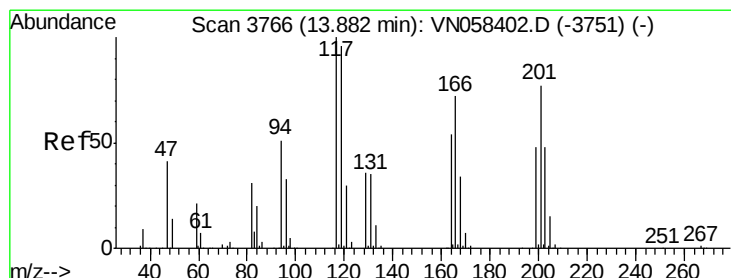
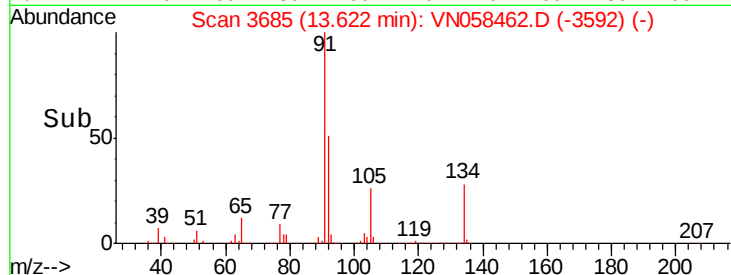
100000

50000

0

13.60 13.62 13.65

Time-->



#90

Hexachloroethane

Concen: 18.207 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN058462.D

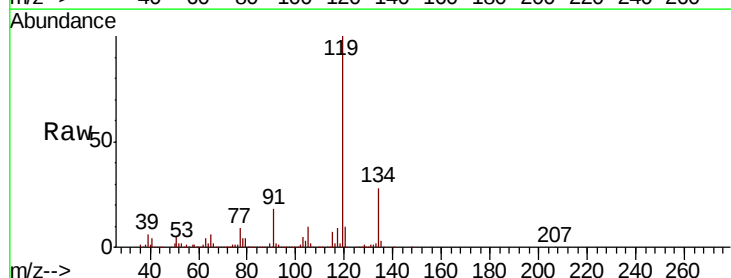
Acq: 1 Oct 2019 14:02

Tgt Ion: 117 Resp: 46230

Ion Ratio Lower Upper

117 100

201 0.0 38.6 116.0#



Abundance Ion 116.80 (116.50 to 117.50): VN0

Ion 200.70 (200.40 to 201.40): VN0

30000

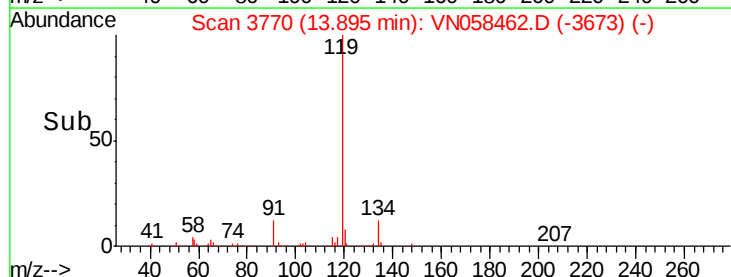
20000

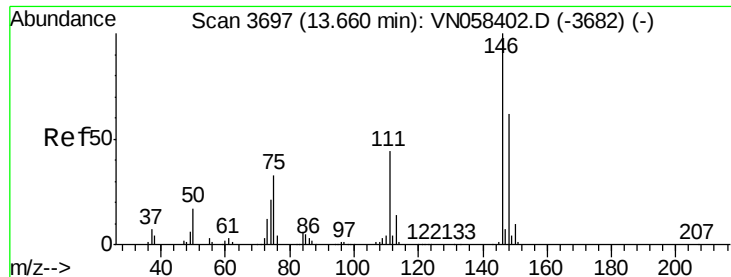
10000

0

13.85 13.90

Time-->





#91

1,2-Dichlorobenzene

Concen: 24.091 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-4

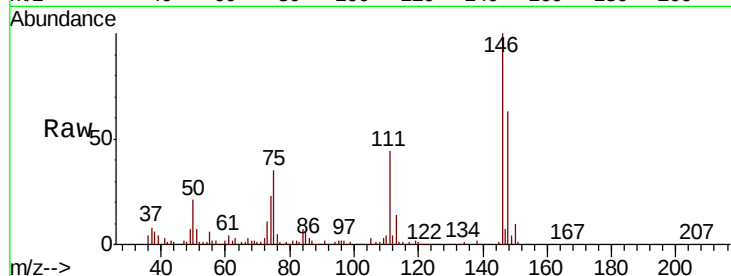
Tot Ion:146 Resp: 203230

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

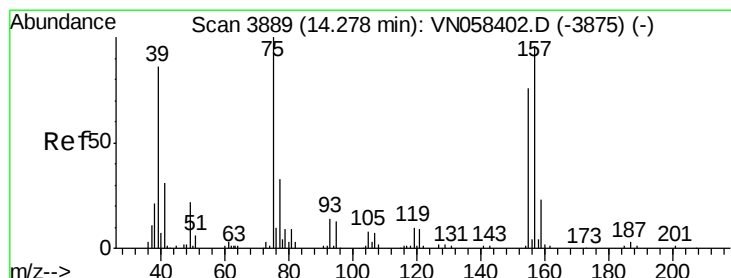
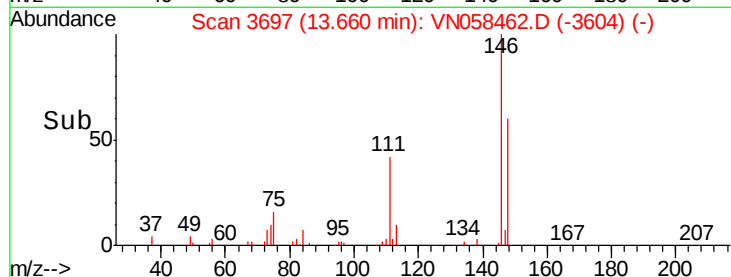
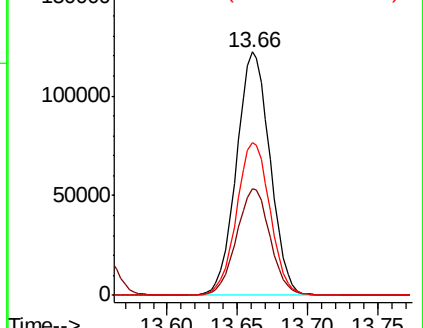
148 62.8 31.5 94.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.280 ug/l

RT: 14.26 min Scan# 3883

Delta R.T. -0.02 min

Lab File: VN058462.D

Acq: 1 Oct 2019 14:02

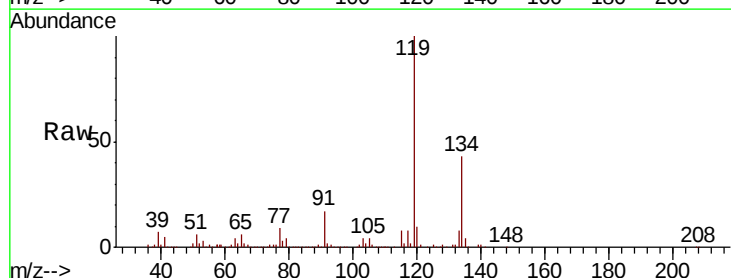
Tgt Ion: 75 Resp: 3532

Ion Ratio Lower Upper

75 100

155 4.6 39.2 117.6#

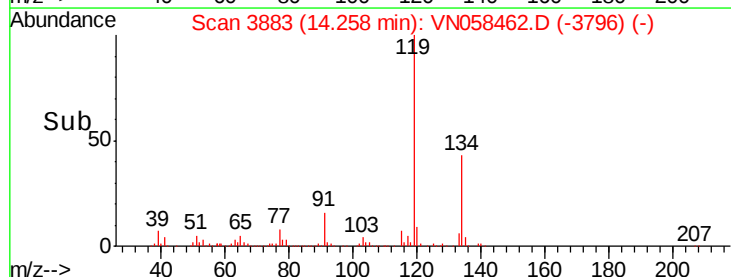
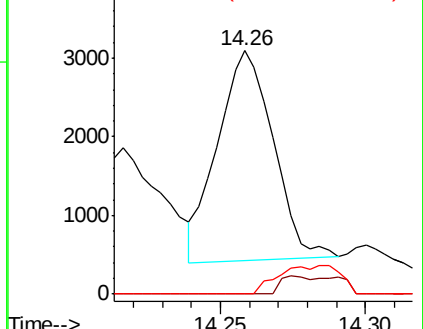
157 8.7 48.7 146.1#

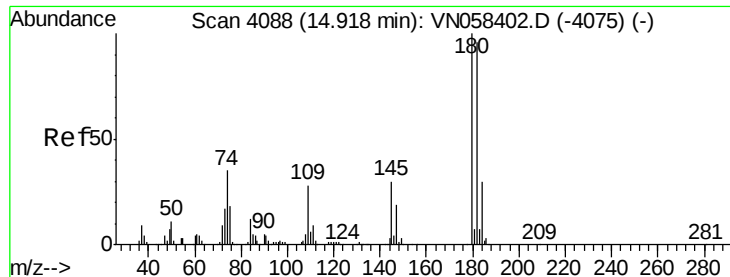


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

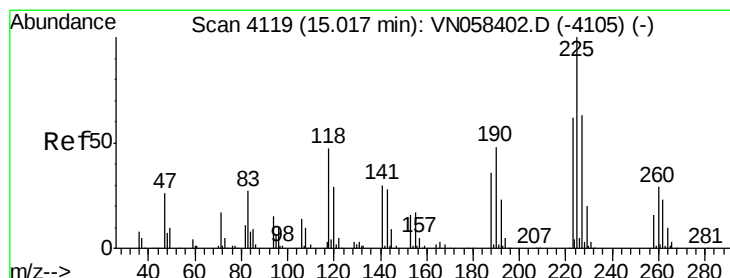
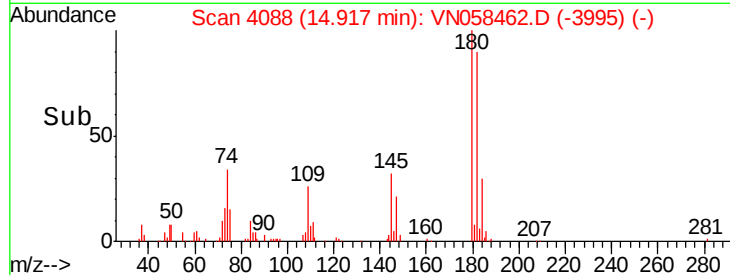
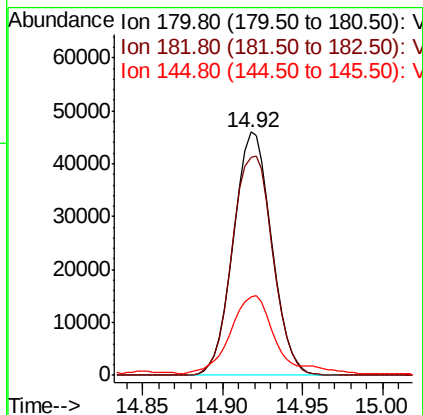
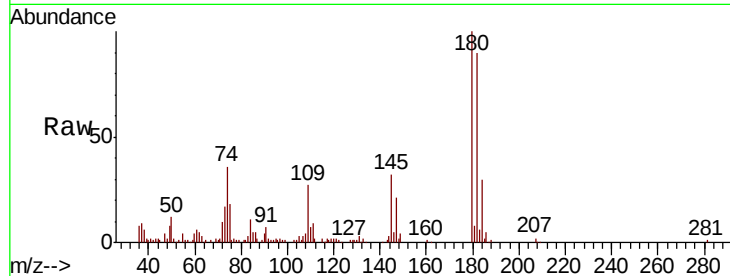




#93
 1,2,4-Trichlorobenzene
 Concen: 16.071 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

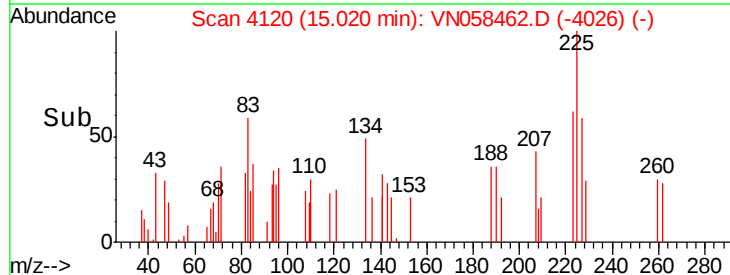
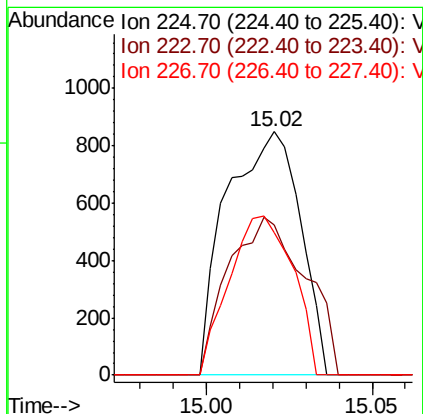
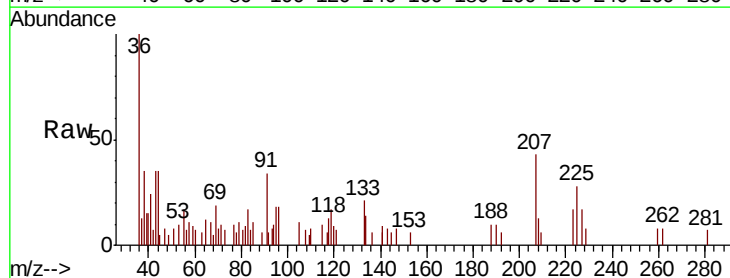
Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-4

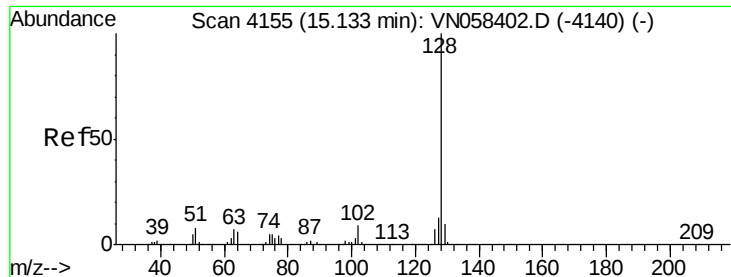
Tot Ion:180 Resp: 74918
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.3
 145 38.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 0.548 ug/l
 RT: 15.02 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: VN058462.D
 Acq: 1 Oct 2019 14:02

Tgt Ion:225 Resp: 1313
 Ion Ratio Lower Upper
 225 100
 223 67.8 31.1 93.5
 227 56.4 31.4 94.2

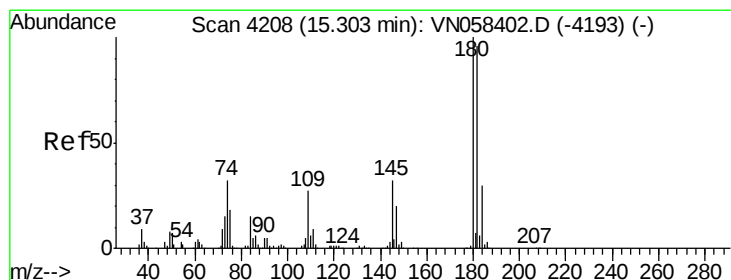
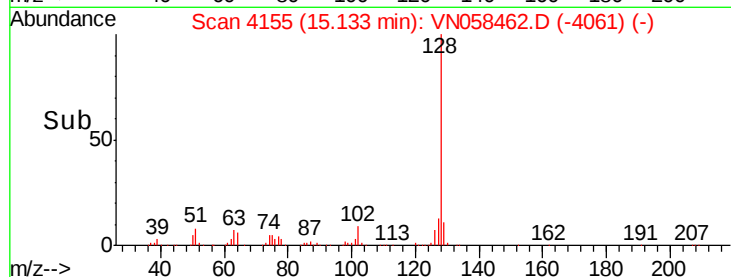
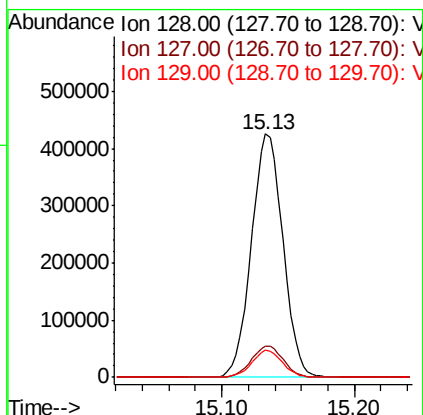
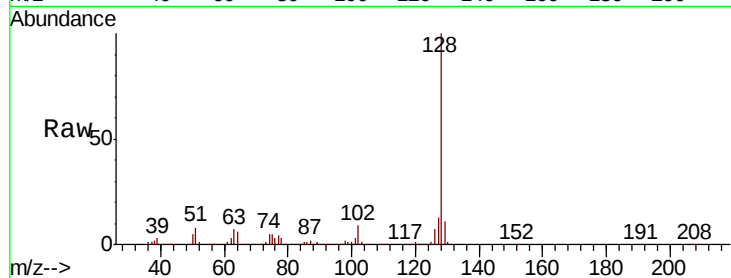




#95
Naphthalene
Concen: 51.410 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 4.409 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058462.D
Acq: 1 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.9
145	40.2	16.1	48.3

