

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052623.D
 Acq On : 3 Dec 2018 11:21
 Operator : MD\SY
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Quant Time: Dec 04 00:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1024294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1589945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1400340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	619602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	542396	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	493268	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.09	98	1847641	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.40	95	617322	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	166270	17.336	ug/l	96
3) Chloromethane	2.06	50	215460	17.019	ug/l	100
4) Vinyl Chloride	2.19	62	226214	17.395	ug/l	100
5) Bromomethane	2.58	94	133818	16.492	ug/l	99
6) Chloroethane	2.71	64	138610	17.596	ug/l	98
7) Trichlorofluoromethane	3.02	101	293823	18.393	ug/l	99
8) Diethyl Ether	3.42	74	113334	19.212	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	183340	18.393	ug/l	99
10) Methyl Iodide	3.96	142	254359	19.159	ug/l	99
11) Tert butyl alcohol	4.78	59	57431	102.861	ug/l	98
12) 1,1-Dichloroethene	3.74	96	177794	18.530	ug/l	98
13) Acrolein	3.61	56	62571	64.480	ug/l	100
14) Allyl chloride	4.33	41	301496	18.232	ug/l	97
15) Acrylonitrile	4.99	53	343416	97.166	ug/l	99
16) Acetone	3.82	43	269168	91.503	ug/l	100
17) Carbon Disulfide	4.06	76	503759	16.684	ug/l	98
18) Methyl Acetate	4.33	43	171626	20.340	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	495182	19.397	ug/l	98
20) Methylene Chloride	4.56	84	206817	17.966	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	188378	18.383	ug/l	97
22) Diisopropyl ether	5.95	45	651417	18.753	ug/l	98
23) Vinyl Acetate	5.90	43	2020772	93.400	ug/l	99
24) 1,1-Dichloroethane	5.85	63	371315	18.722	ug/l	99
25) 2-Butanone	6.84	43	393848	94.460	ug/l	97
26) 2,2-Dichloropropane	6.83	77	262821	19.145	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	224955	18.845	ug/l	98
28) Bromochloromethane	7.20	49	165908	18.315	ug/l	95
29) Tetrahydrofuran	7.21	42	259102	96.346	ug/l	99
30) Chloroform	7.37	83	364639	18.428	ug/l	100
31) Cyclohexane	7.66	56	342318	17.596	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	300234	19.150	ug/l	99
36) 1,1-Dichloropropene	7.80	75	274266	18.267	ug/l	99
37) Ethyl Acetate	6.93	43	176229	19.232	ug/l	98
38) Carbon Tetrachloride	7.78	117	258161	18.994	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	324039	17.756	ug/l	98
40) Benzene	8.04	78	843781	18.857	ug/l	99
41) Methacrylonitrile	7.17	41	92246	18.414	ug/l	93
42) 1,2-Dichloroethane	8.13	62	258143	19.053	ug/l	99
43) Isopropyl Acetate	8.17	43	314542	20.284	ug/l #	87
44) Trichloroethene	8.84	130	217396	18.968	ug/l	96
45) 1,2-Dichloropropane	9.12	63	224830	18.899	ug/l	98
46) Dibromomethane	9.21	93	128052	19.444	ug/l	98
47) Bromodichloromethane	9.40	83	274238	19.153	ug/l	99
48) Methyl methacrylate	9.20	41	154440	19.100	ug/l	100
49) 1,4-Dioxane	9.20	88	35733	425.822	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	858738	98.701	ug/l	99
52) Toluene	10.16	92	507883	19.104	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	263124	19.102	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	318529	19.297	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	182089	19.472	ug/l	99
56) Ethyl methacrylate	10.43	69	231913	19.591	ug/l	98
57) 1,3-Dichloropropane	10.71	76	313043	18.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	681827	100.481	ug/l	99
59) 2-Hexanone	10.75	43	571288	97.835	ug/l	99
60) Dibromochloromethane	10.90	129	200777	19.768	ug/l	98
61) 1,2-Dibromoethane	11.01	107	177985	19.163	ug/l	99
64) Tetrachloroethene	10.63	164	211303	19.462	ug/l	98
65) Chlorobenzene	11.44	112	551959	19.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	193419	19.265	ug/l	98
67) Ethyl Benzene	11.51	91	960770	19.001	ug/l	99
68) m/p-Xylenes	11.62	106	715389	38.004	ug/l	100
69) o-Xylene	11.95	106	353409	19.333	ug/l	100
70) Styrene	11.97	104	567904	19.505	ug/l	99
71) Bromoform	12.13	173	131821	19.830	ug/l #	99
73) Isopropylbenzene	12.25	105	934312	19.220	ug/l	100
74) N-amyl acetate	12.07	43	234551	19.098	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	218374	19.748	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	265239	27.760	ug/l #	100
77) Bromobenzene	12.53	156	234143	19.487	ug/l	98
78) n-propylbenzene	12.59	91	1052272	19.054	ug/l	100
79) 2-Chlorotoluene	12.68	91	627009	19.066	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	756070	19.502	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56268	19.667	ug/l	98
82) 4-Chlorotoluene	12.78	91	618013	18.646	ug/l	98
83) tert-Butylbenzene	12.99	119	665526	19.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	752551	19.369	ug/l	100
85) sec-Butylbenzene	13.17	105	896430	19.042	ug/l	100
86) p-Isopropyltoluene	13.29	119	770833	19.224	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	395067	18.797	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	391425	18.907	ug/l	99
89) n-Butylbenzene	13.62	91	618539	18.549	ug/l	100
90) Hexachloroethane	13.88	117	129561	19.083	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	388608	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31288	19.783	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

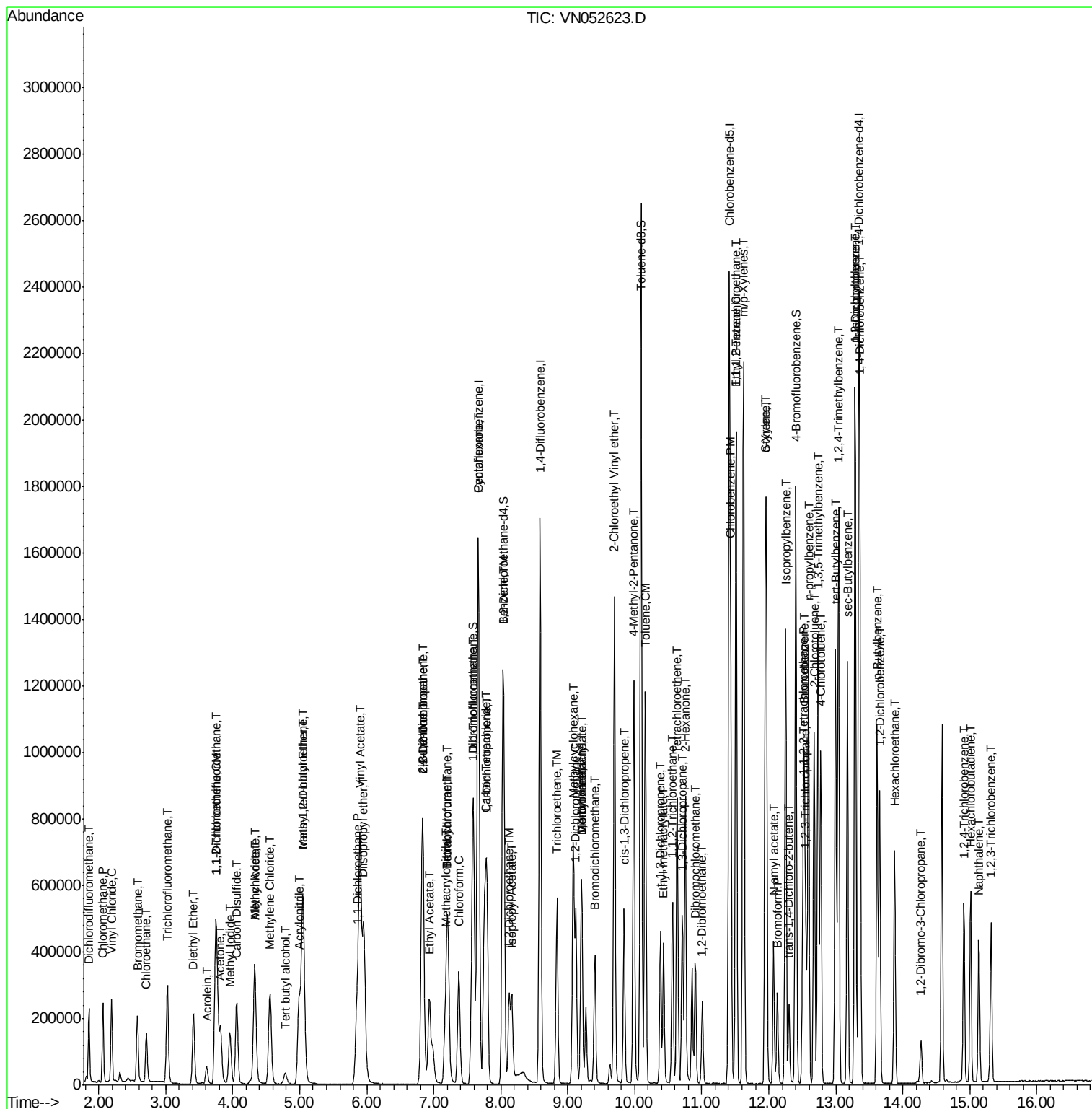
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	184532	18.656	ug/l	99
94) Hexachlorobutadiene	15.01	225	120064	18.586	ug/l	99
95) Naphthalene	15.13	128	378290	18.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	175849	19.166	ug/l	100

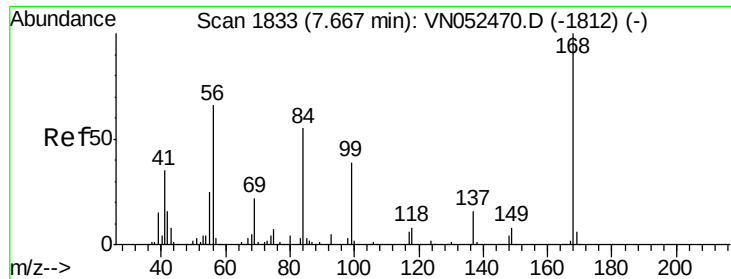
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

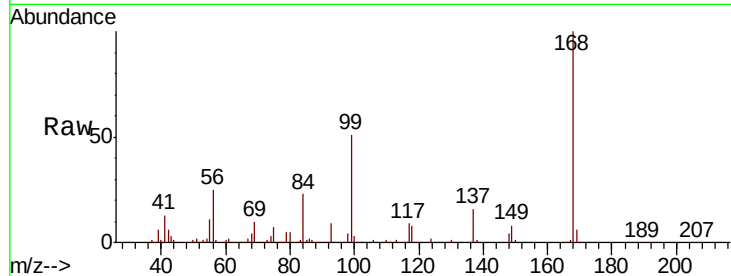
VN1203WBS01

Tot Ion:168 Resp: 1024294

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

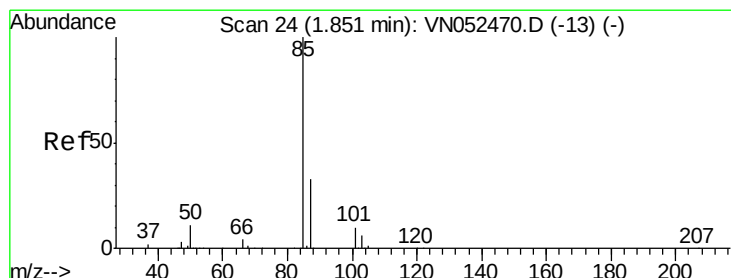
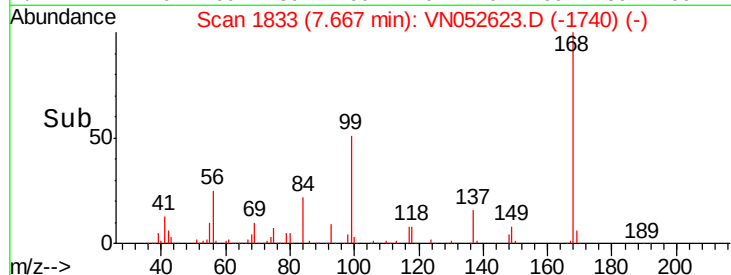
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.336 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052623.D

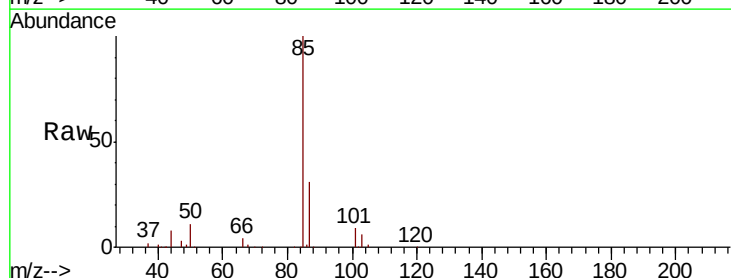
Acq: 3 Dec 2018 11:21

Tgt Ion: 85 Resp: 166270

Ion Ratio Lower Upper

85 100

87 31.1 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

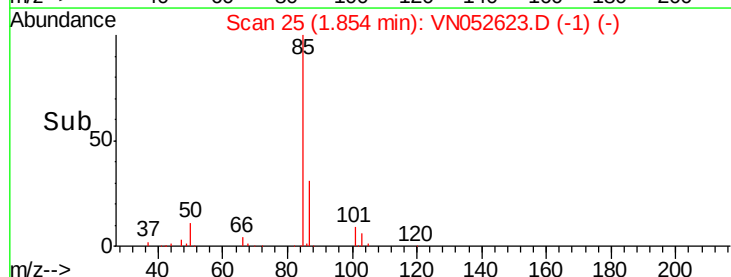
150000

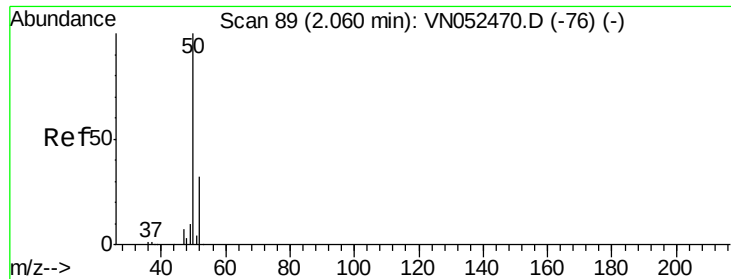
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.019 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

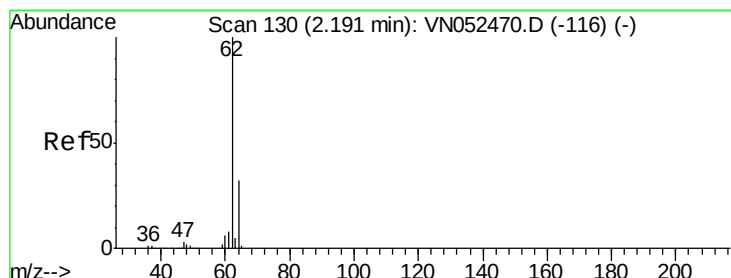
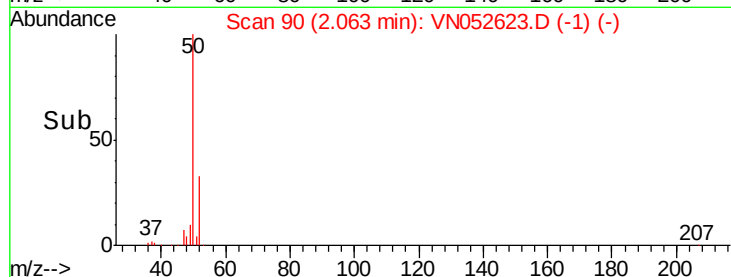
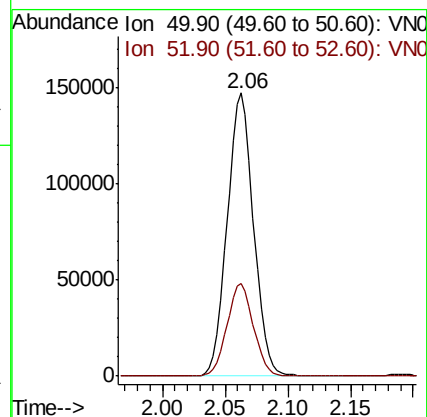
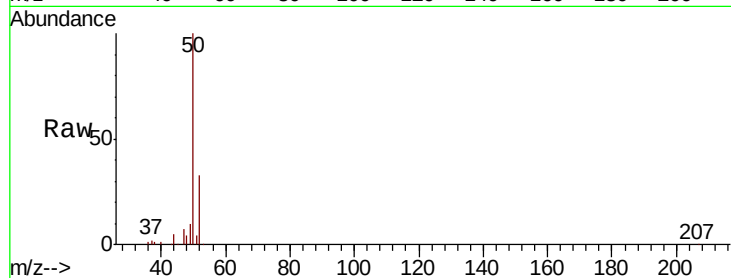
VN1203WBS01

Tot Ion: 50 Resp: 215460

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



#4

Vinyl Chloride

Concen: 17.395 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052623.D

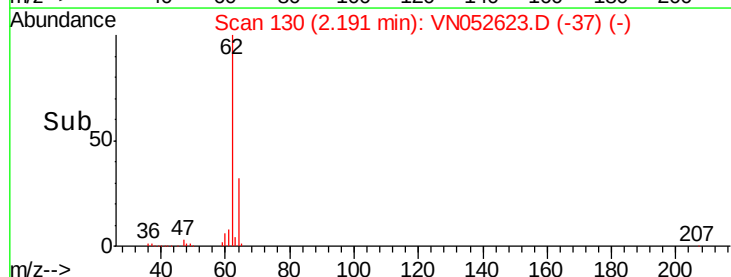
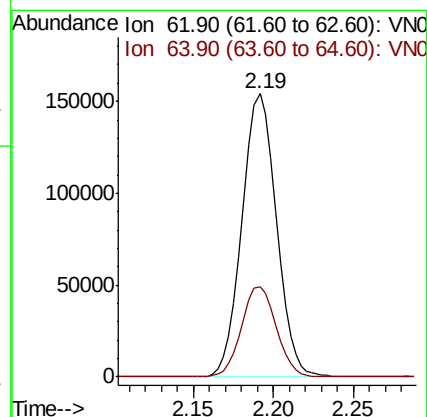
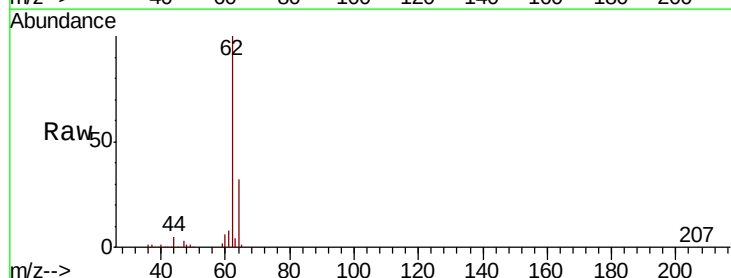
Acq: 3 Dec 2018 11:21

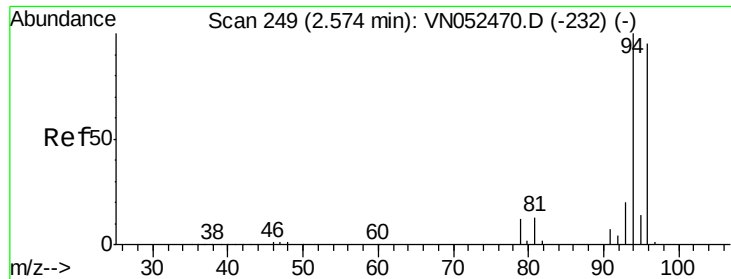
Tgt Ion: 62 Resp: 226214

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 16.492 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

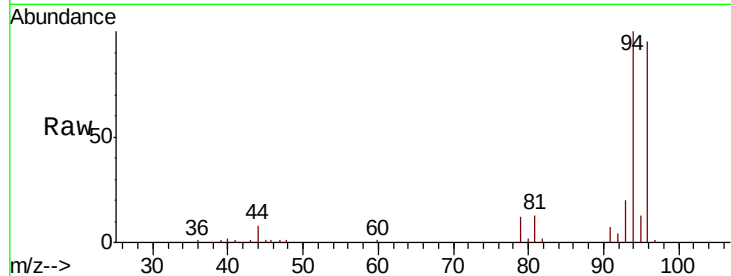
VN1203WBS01

Tot Ion: 94 Resp: 133818

Ion Ratio Lower Upper

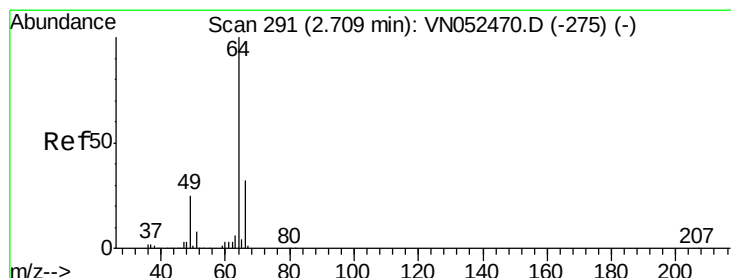
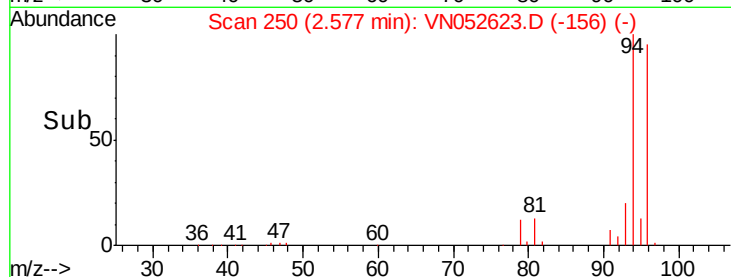
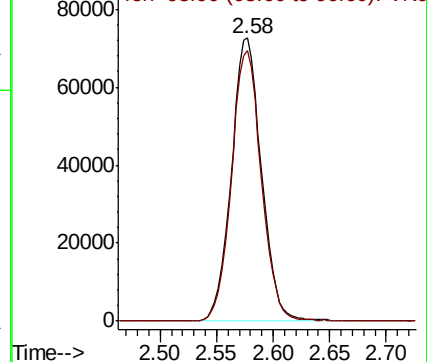
94 100

96 95.4 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.596 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052623.D

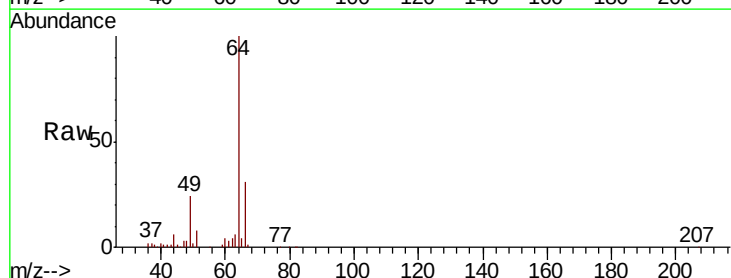
Acq: 3 Dec 2018 11:21

Tgt Ion: 64 Resp: 138610

Ion Ratio Lower Upper

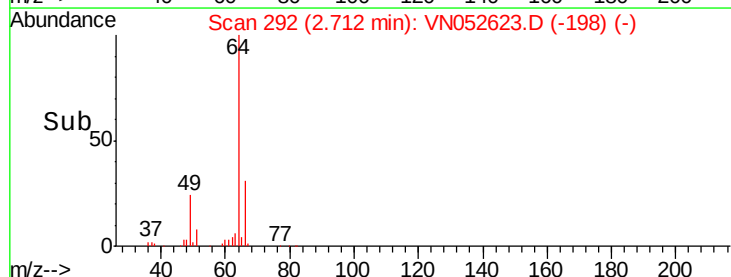
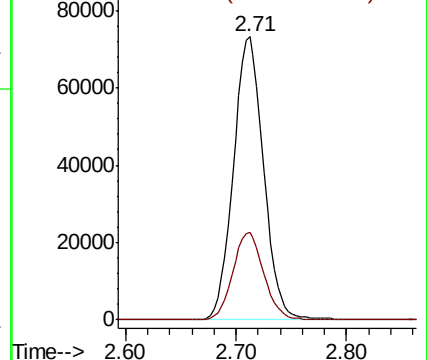
64 100

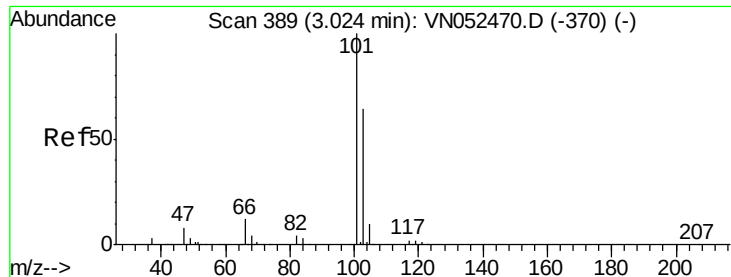
66 30.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



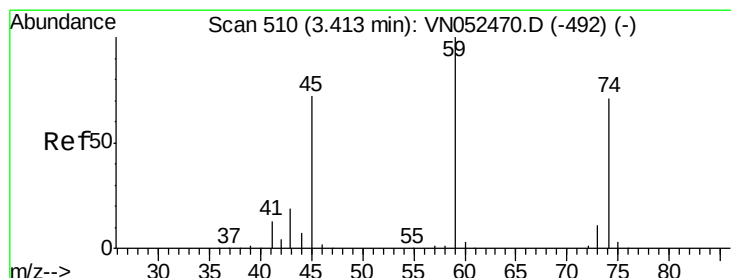
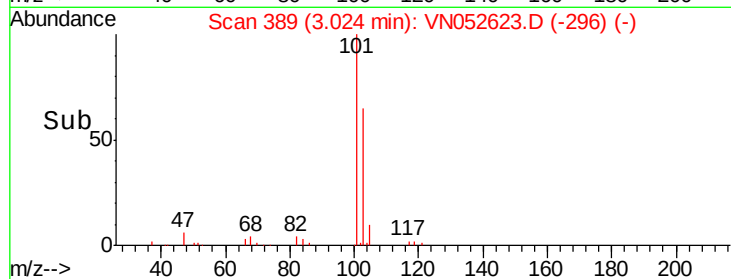
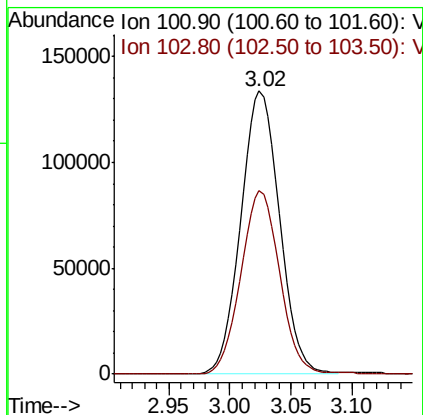
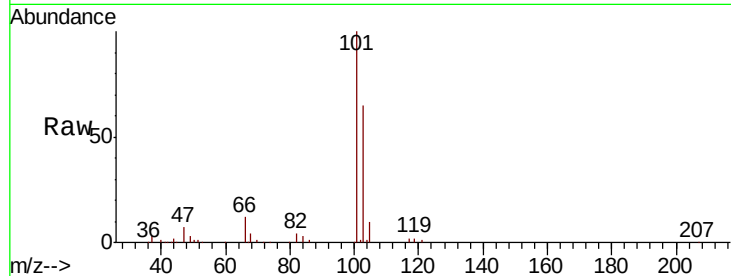


#7

Trichlorofluoromethane
 Concen: 18.393 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

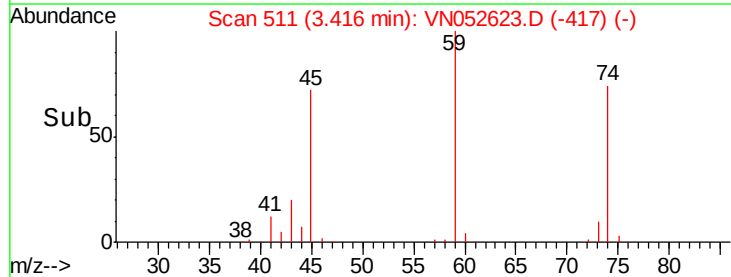
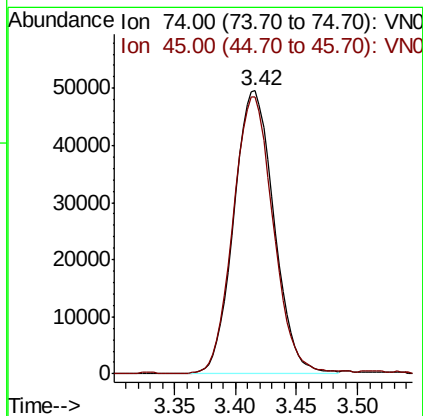
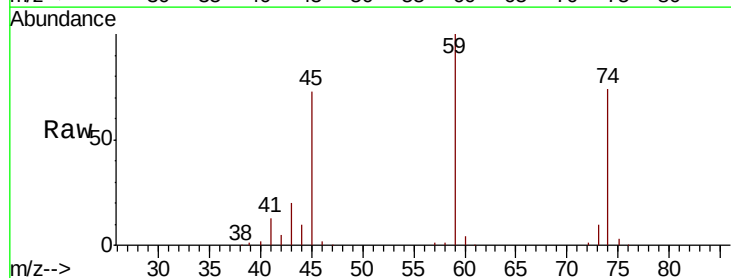
Tot Ion:101 Resp: 293823
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

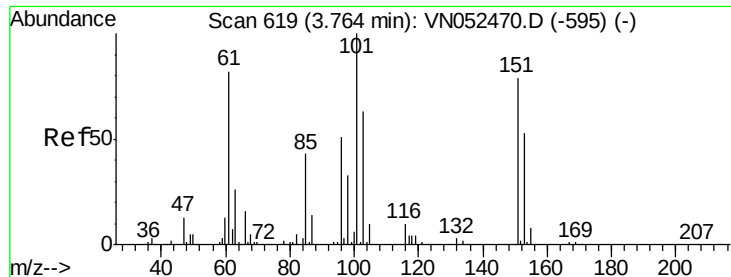


#8

Diethyl Ether
 Concen: 19.212 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 74 Resp: 113334
 Ion Ratio Lower Upper
 74 100
 45 98.5 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.393 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

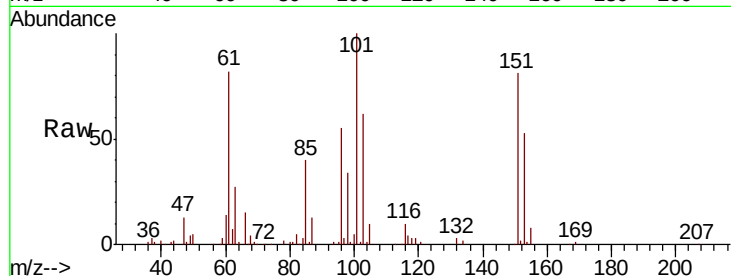
Tot Ion:101 Resp: 183340

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.4

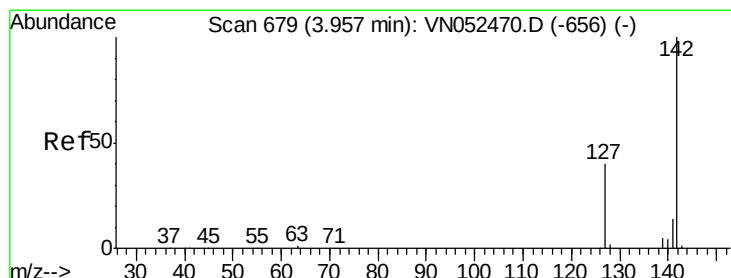
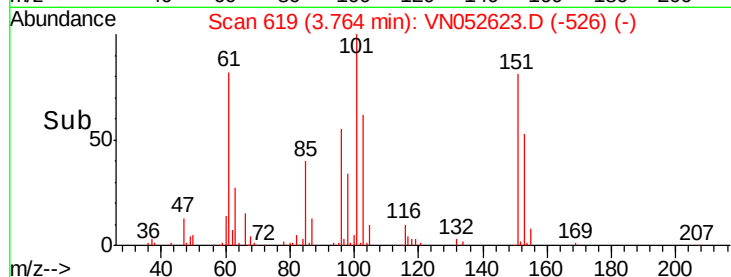
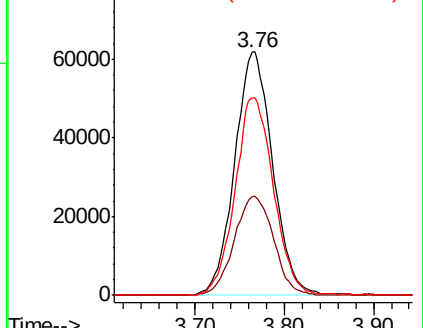
151 82.1 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.159 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

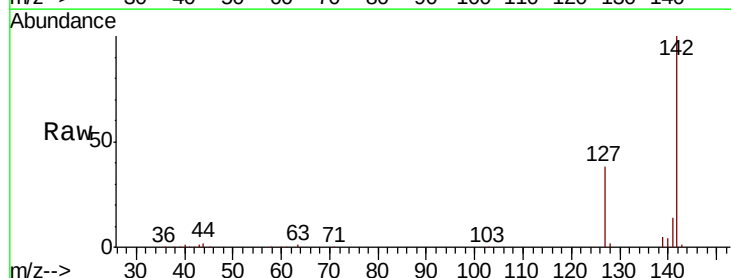
Tgt Ion:142 Resp: 254359

Ion Ratio Lower Upper

142 100

127 39.0 31.8 47.6

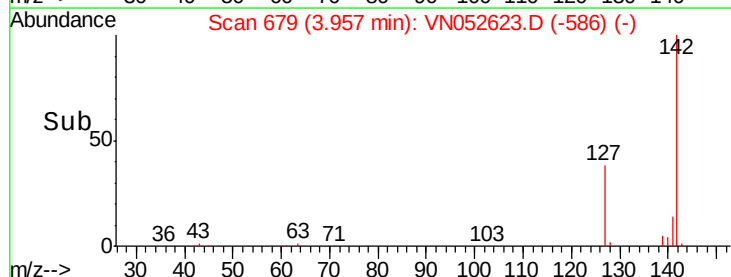
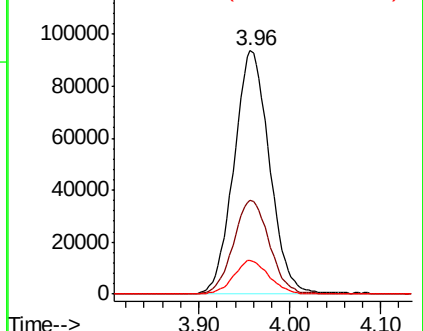
141 13.7 11.4 17.0

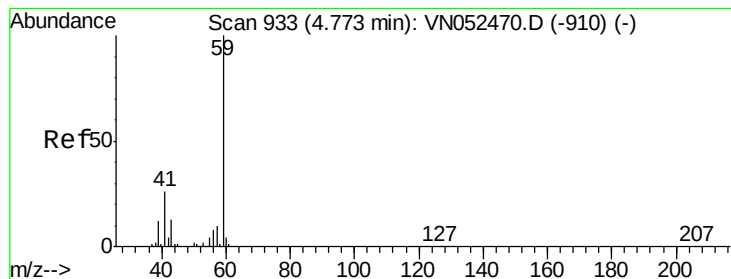


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



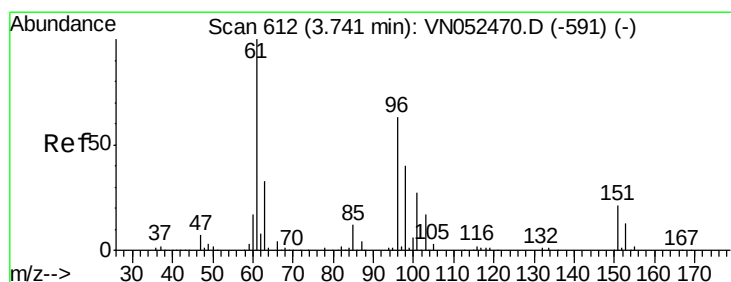
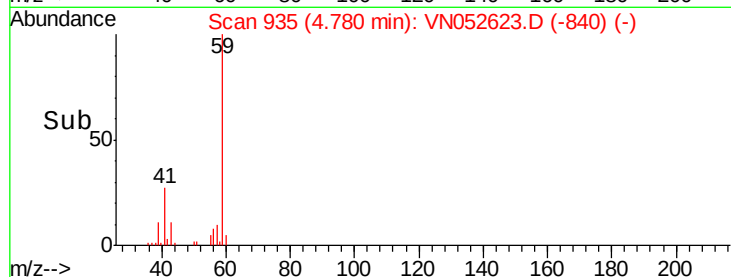
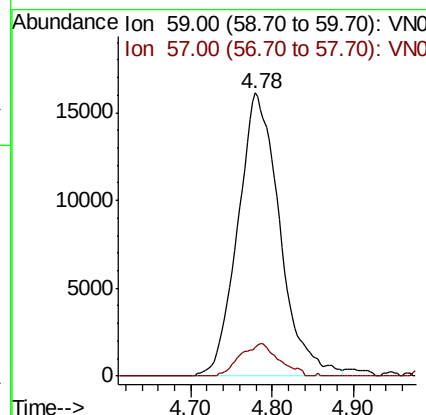
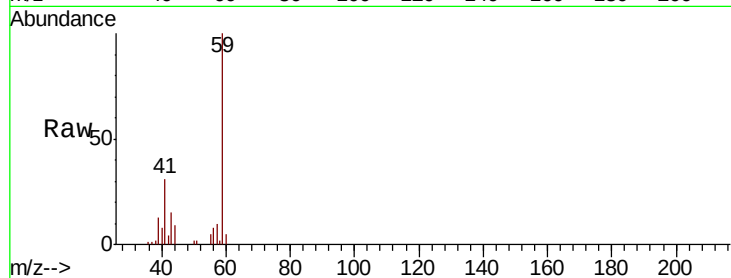


#11

Tert butyl alcohol
 Concen: 102.861 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

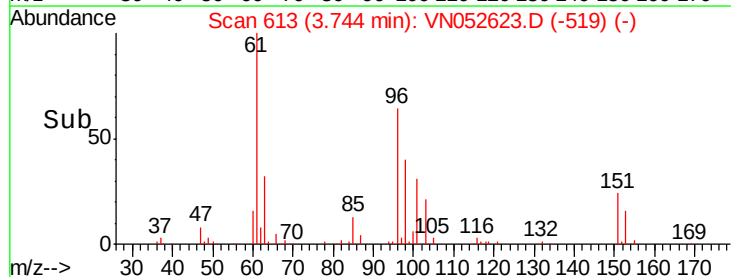
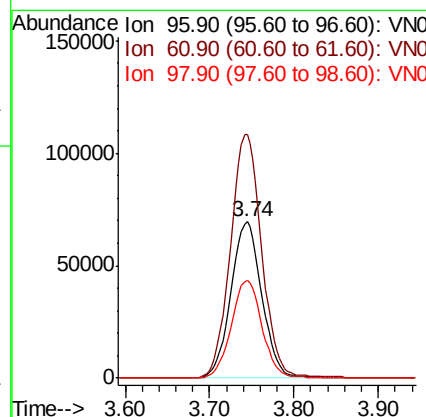
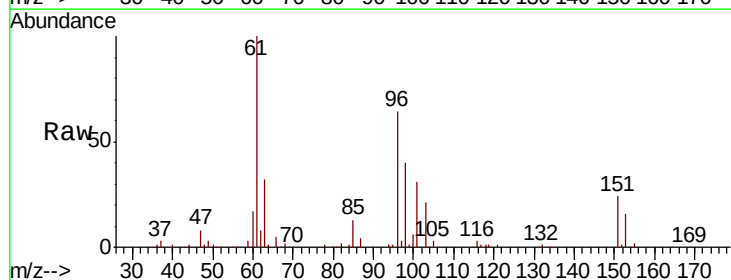
Tot Ion: 59 Resp: 57431
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.9 11.9

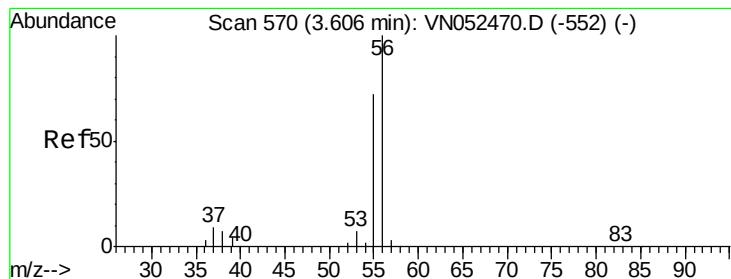


#12

1,1-Dichloroethene
 Concen: 18.530 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 96 Resp: 177794
 Ion Ratio Lower Upper
 96 100
 61 155.9 127.0 190.6
 98 62.3 50.3 75.5





#13

Acrolein

Concen: 64.480 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

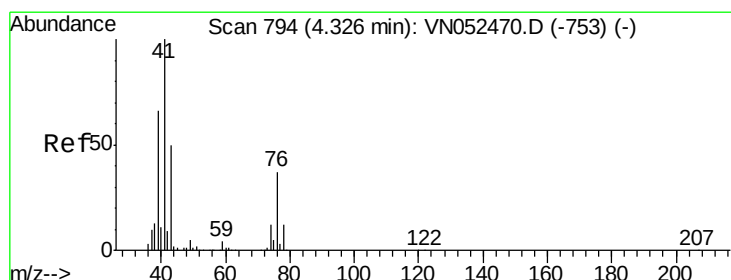
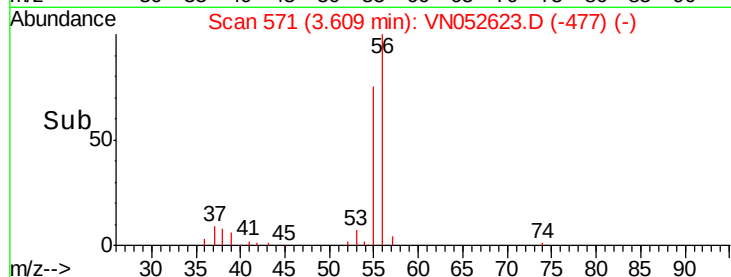
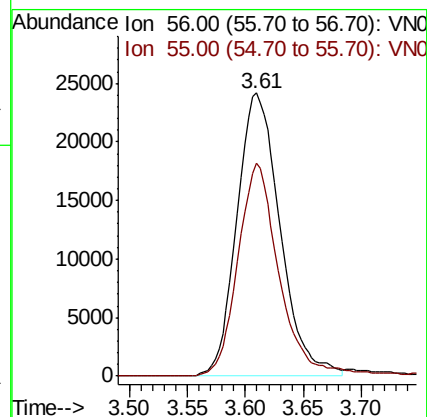
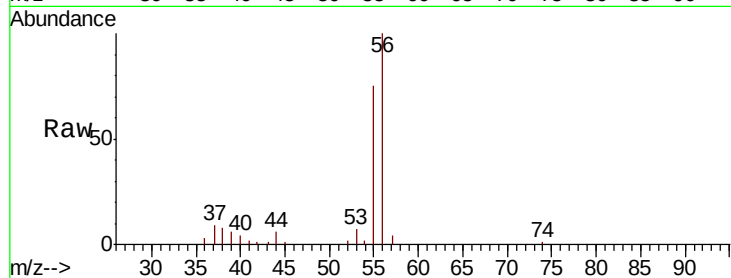
VN1203WBS01

Tot Ion: 56 Resp: 62571

Ion Ratio Lower Upper

56 100

55 71.2 56.8 85.2



#14

Allyl chloride

Concen: 18.232 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

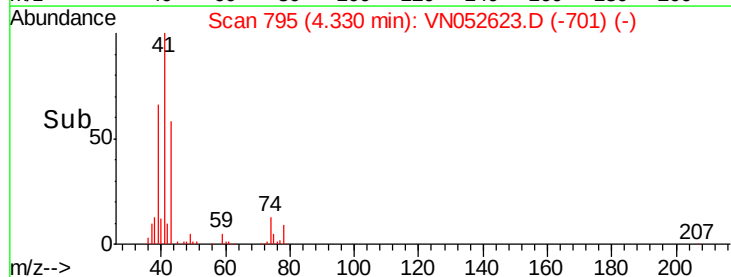
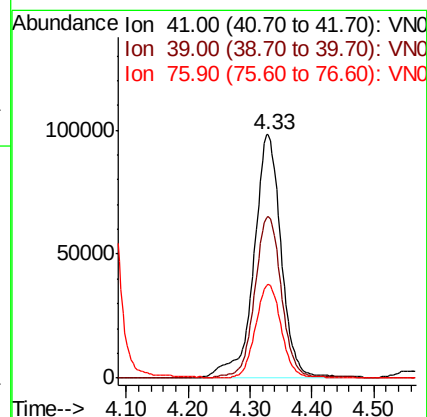
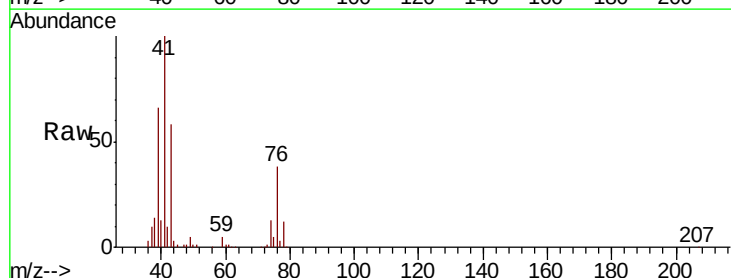
Tgt Ion: 41 Resp: 301496

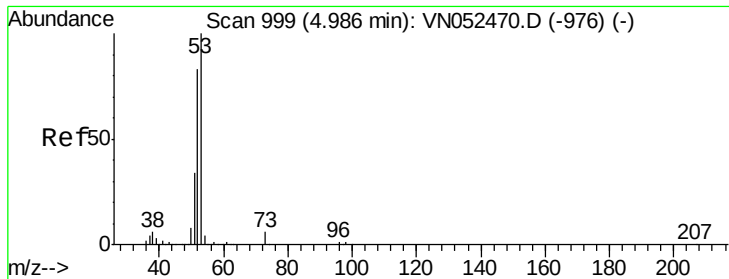
Ion Ratio Lower Upper

41 100

39 64.9 50.6 76.0

76 36.5 27.4 41.2





#15

Acrylonitrile

Concen: 97.166 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

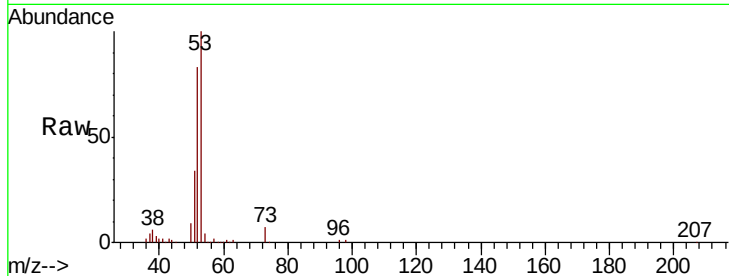
Tot Ion: 53 Resp: 343416

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

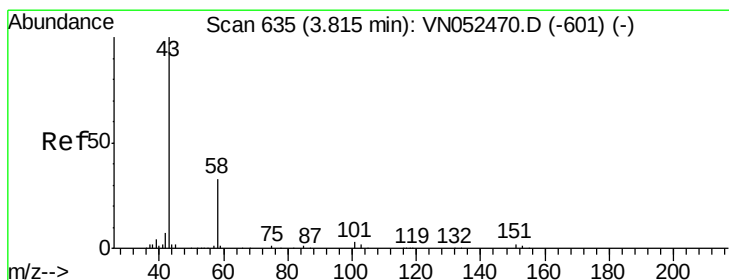
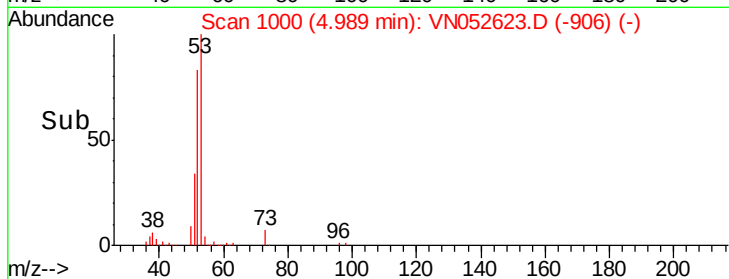
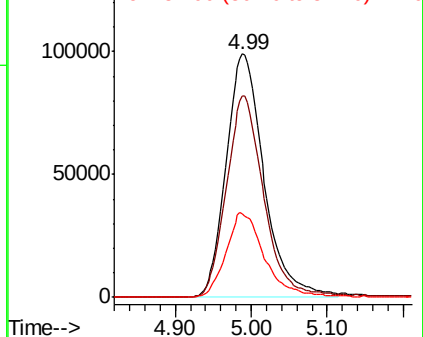
51 35.2 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 91.503 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052623.D

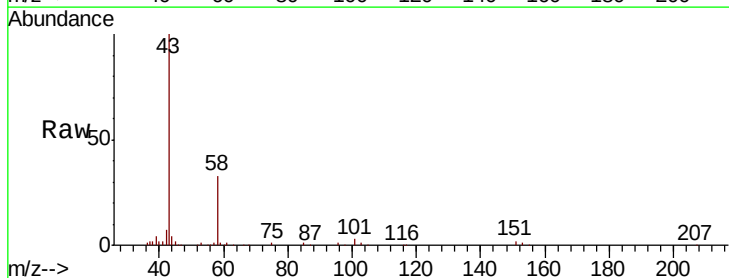
Acq: 3 Dec 2018 11:21

Tgt Ion: 43 Resp: 269168

Ion Ratio Lower Upper

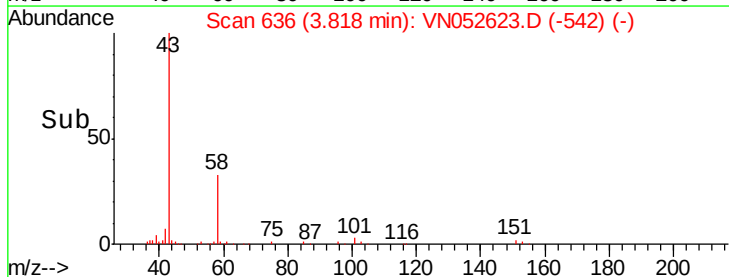
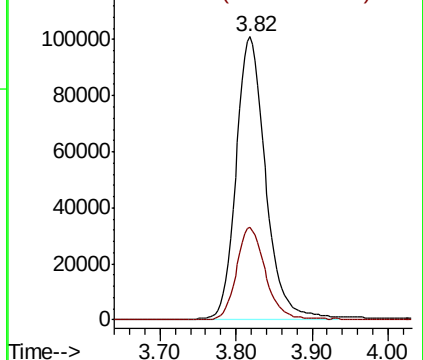
43 100

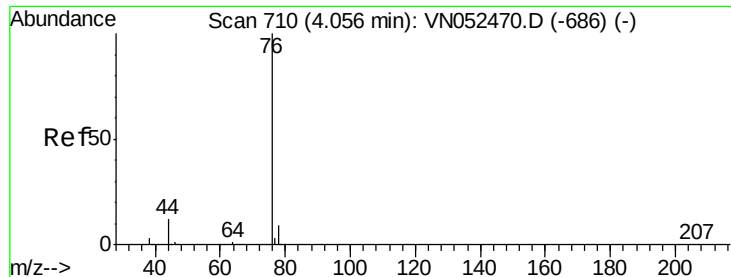
58 32.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.684 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

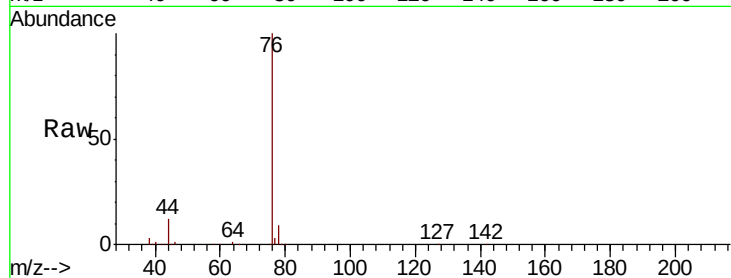
VN1203WBS01

Tot Ion: 76 Resp: 503759

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

200000

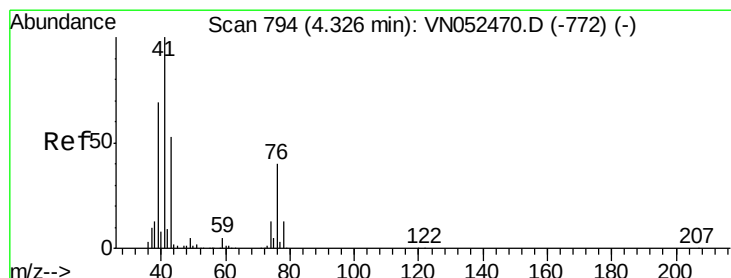
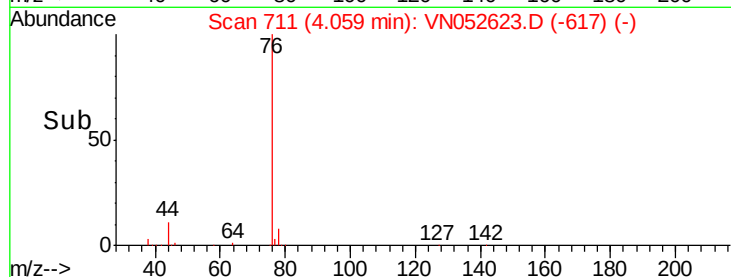
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.340 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052623.D

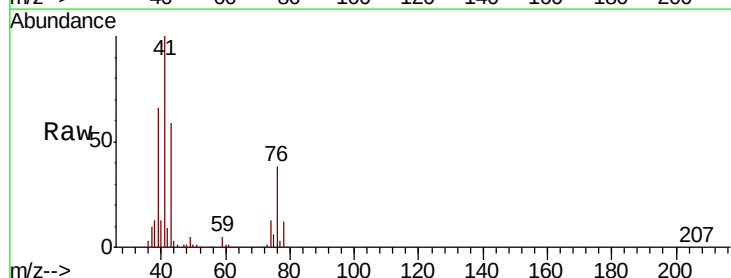
Acq: 3 Dec 2018 11:21

Tgt Ion: 43 Resp: 171626

Ion Ratio Lower Upper

43 100

74 23.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

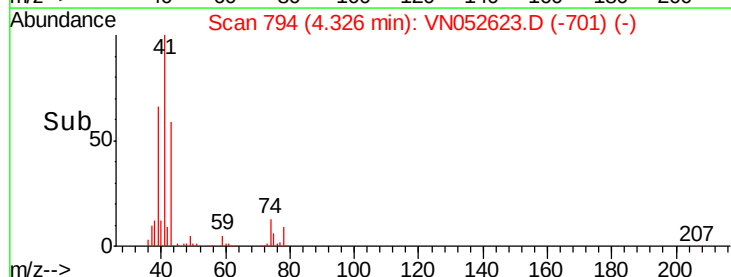
60000

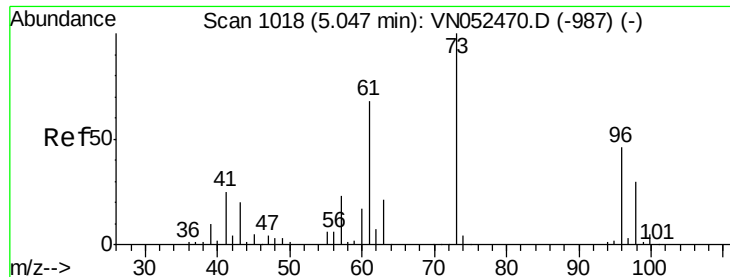
40000

20000

0

Time-->



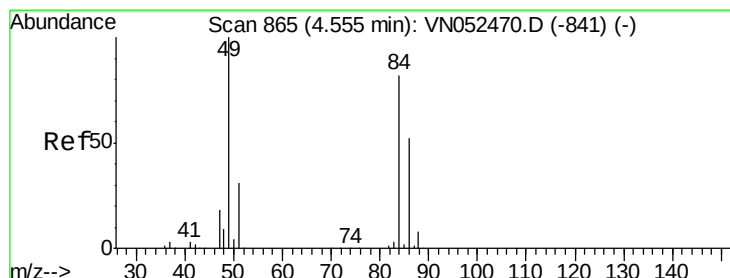
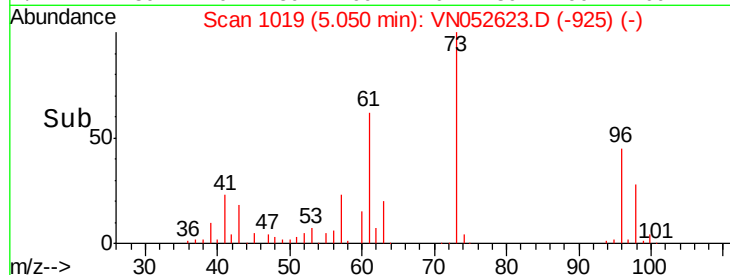
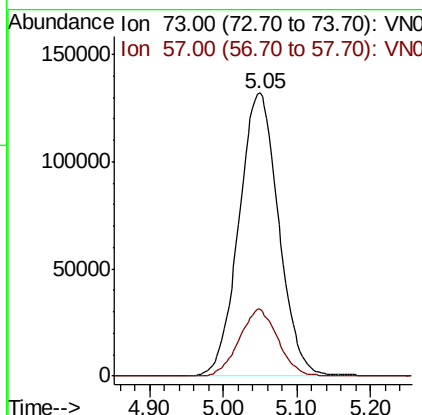
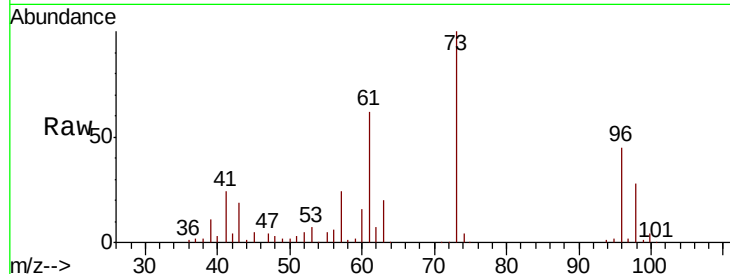


#19

Methyl tert-butyl Ether
 Concen: 19.397 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

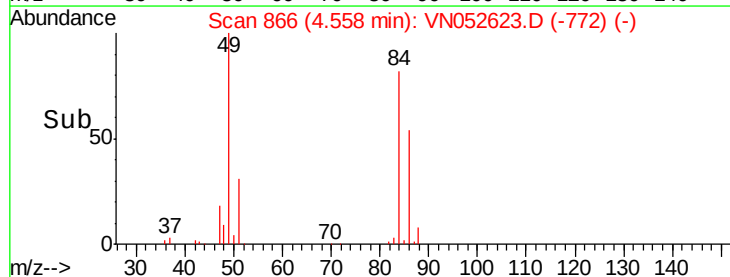
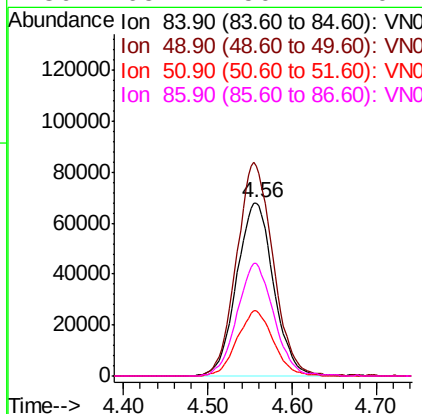
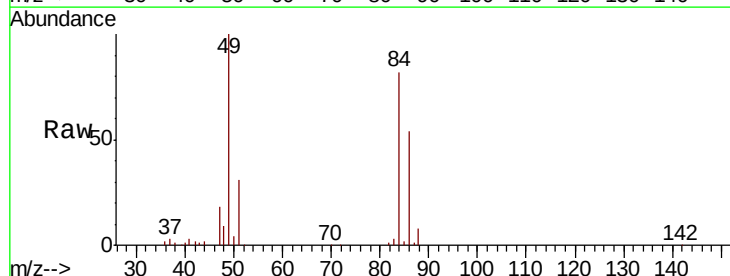
Tot Ion: 73 Resp: 495182
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.2 27.2

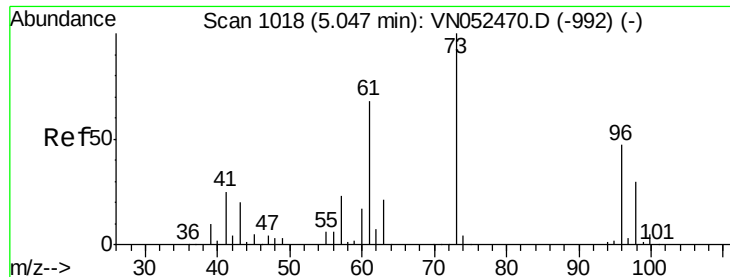


#20

Methylene Chloride
 Concen: 17.966 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 84 Resp: 206817
 Ion Ratio Lower Upper
 84 100
 49 121.2 98.0 147.0
 51 37.9 30.1 45.1
 86 65.2 50.7 76.1

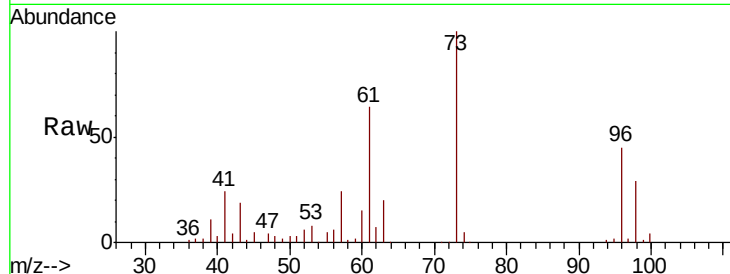




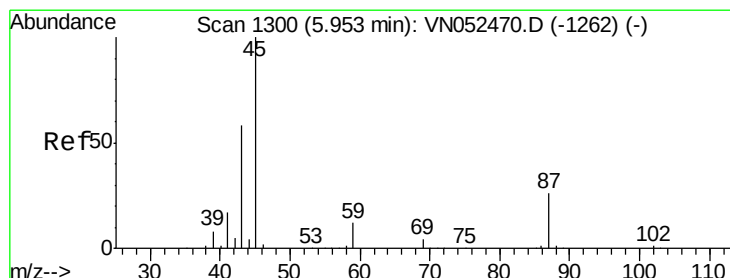
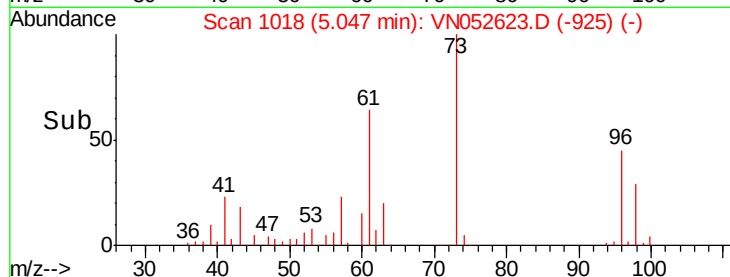
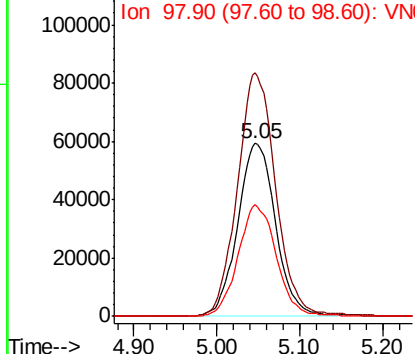
#21
trans-1,2-Dichloroethene
Concen: 18.383 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion: 96 Resp: 188378
Ion Ratio Lower Upper
96 100
61 141.1 117.0 175.4
98 64.5 51.8 77.6

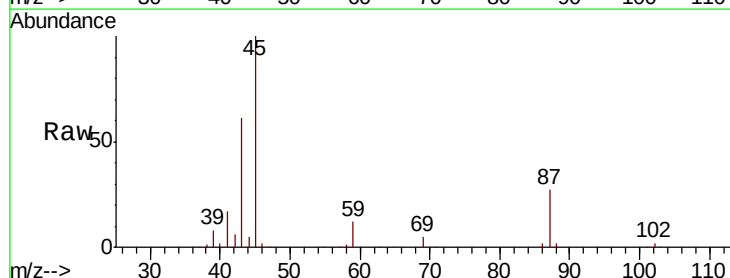


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

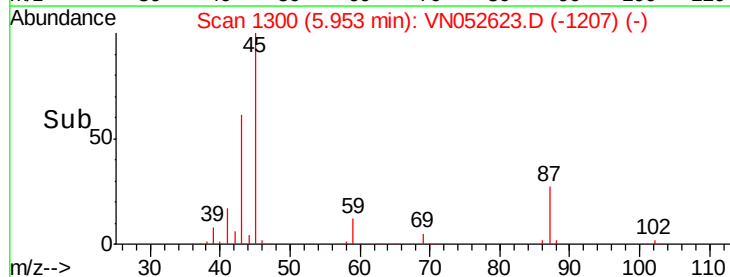
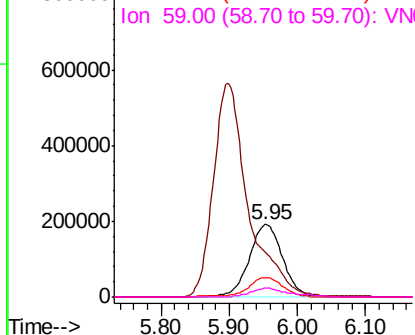


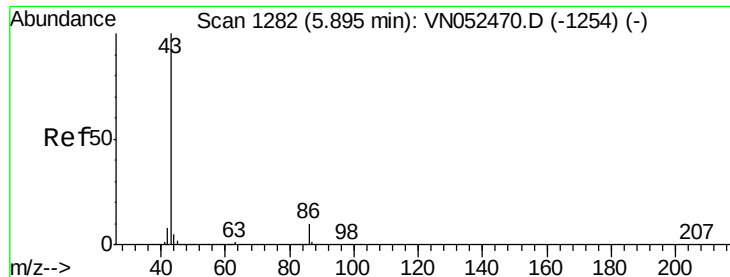
#22
Diisopropyl ether
Concen: 18.753 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 45 Resp: 651417
Ion Ratio Lower Upper
45 100
43 59.6 46.1 69.1
87 27.2 21.3 31.9
59 11.6 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

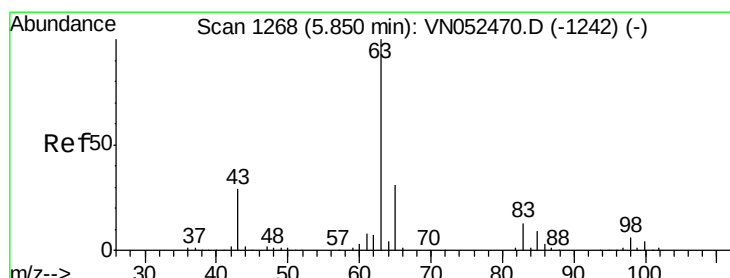
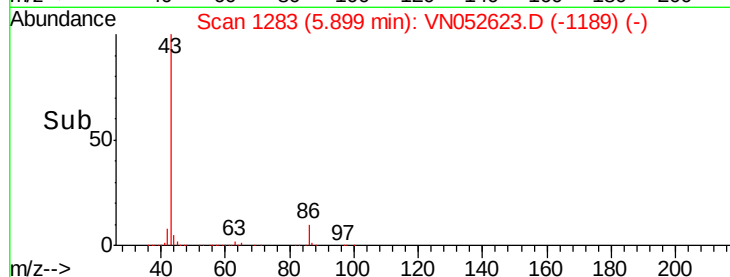
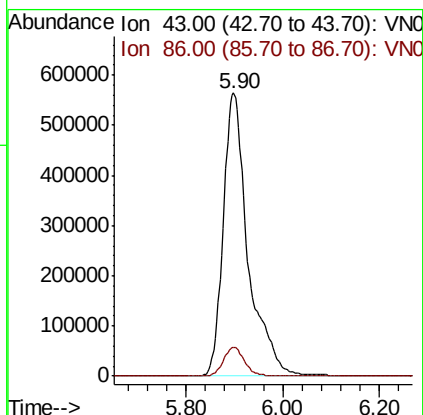
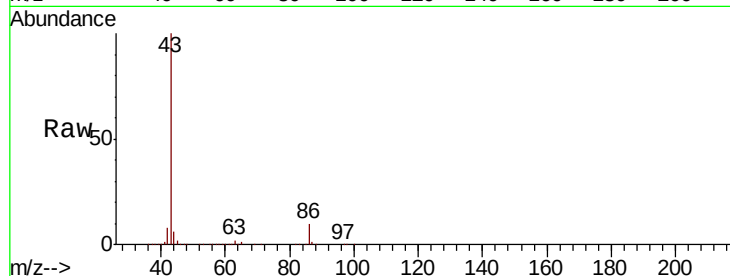




#23
 Vinyl Acetate
 Concen: 93.400 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

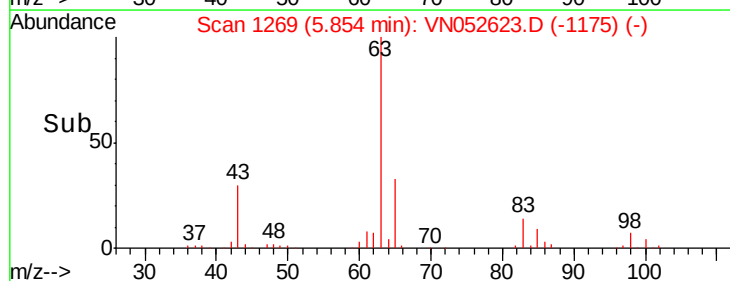
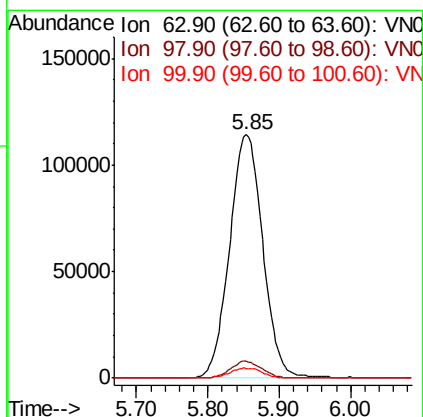
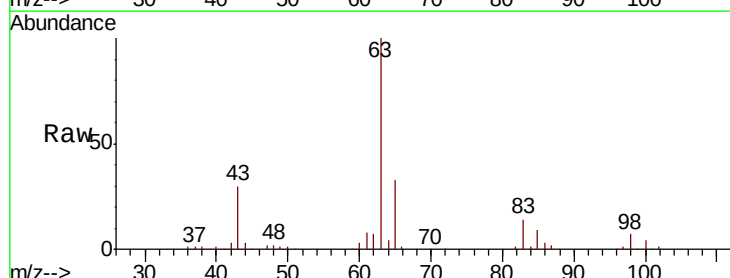
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

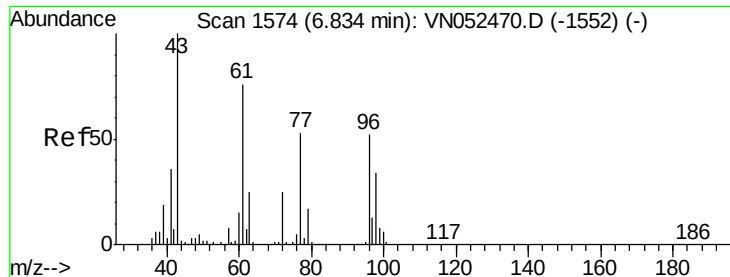
Tot Ion: 43 Resp: 2020772
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 18.722 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 63 Resp: 371315
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.0 9.2
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 94.460 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

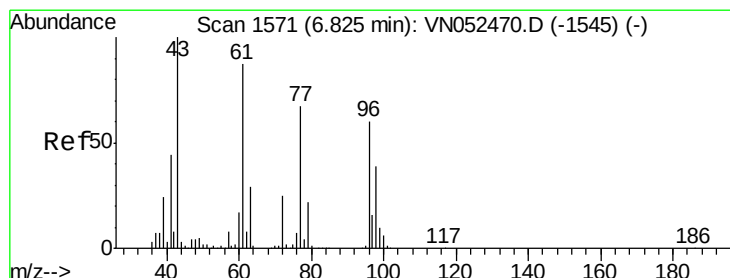
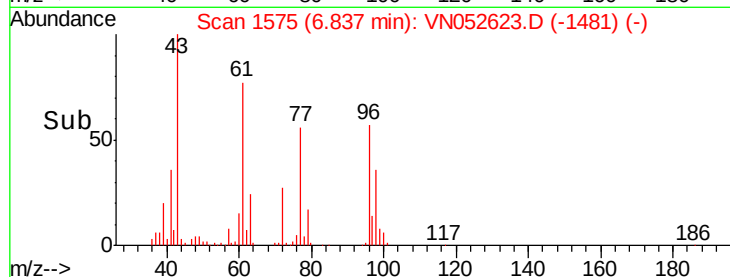
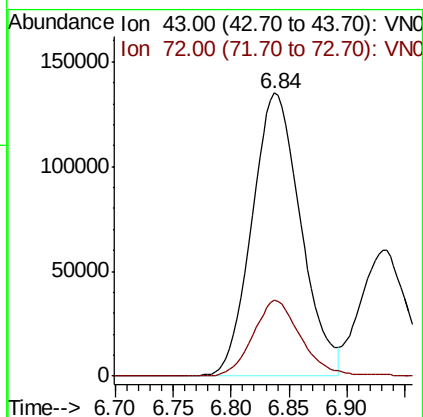
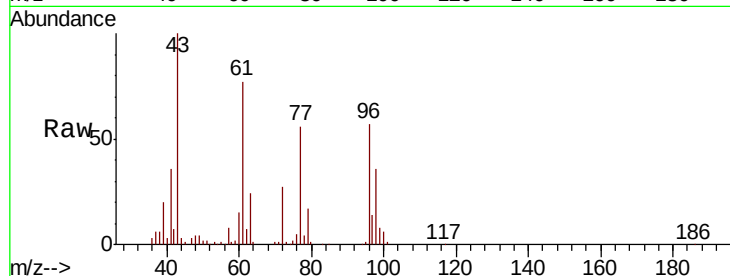
VN1203WBS01

Tot Ion: 43 Resp: 393848

Ion Ratio Lower Upper

43 100

72 26.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 19.145 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN052623.D

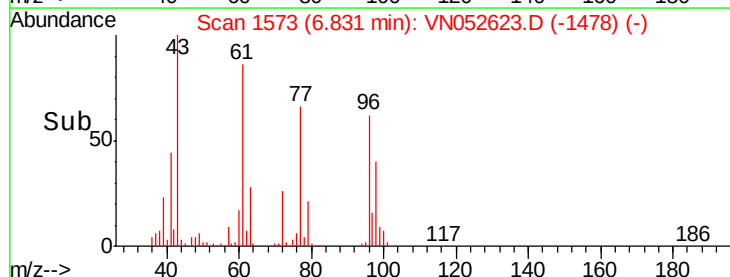
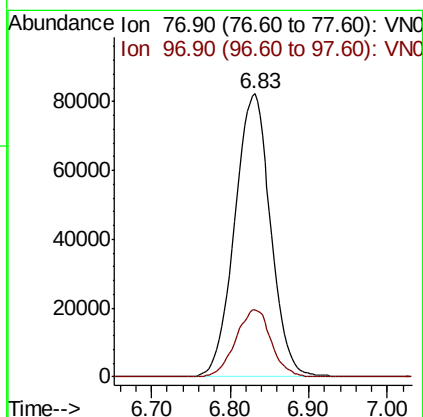
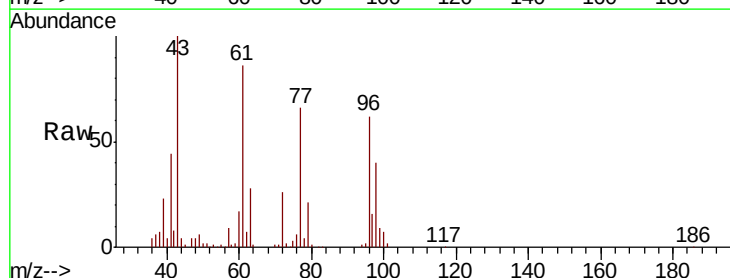
Acq: 3 Dec 2018 11:21

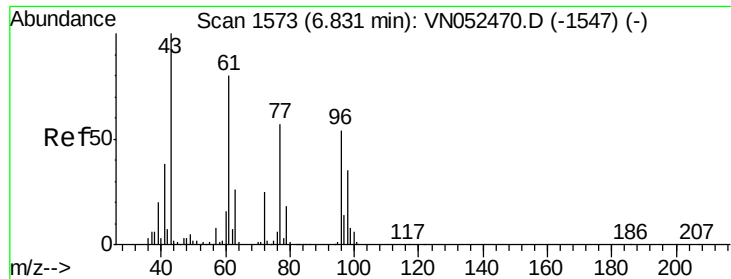
Tgt Ion: 77 Resp: 262821

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3

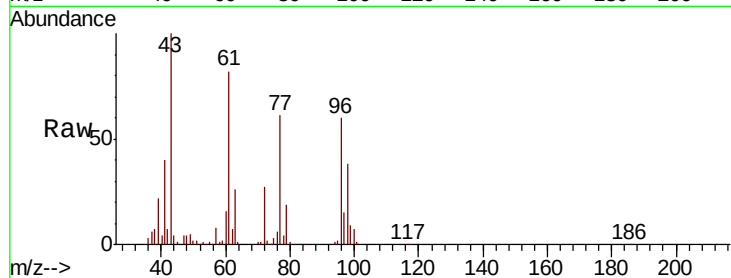




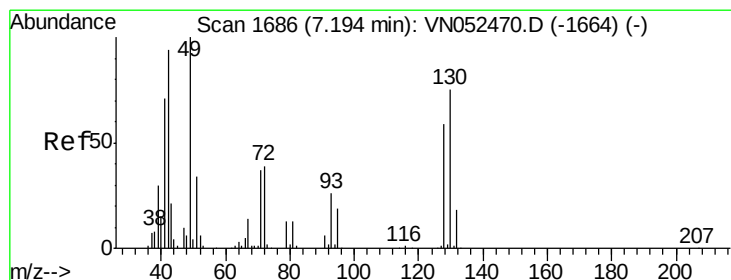
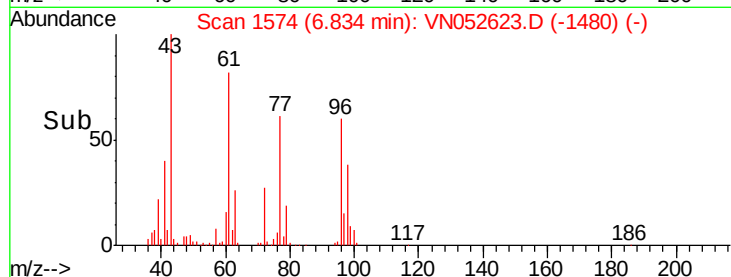
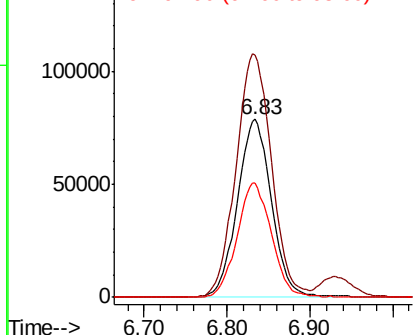
#27
 cis-1,2-Dichloroethene
 Concen: 18.845 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	291.0
98	64.8	0.0	130.0

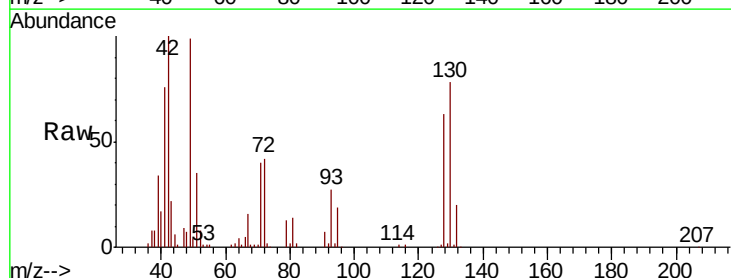


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

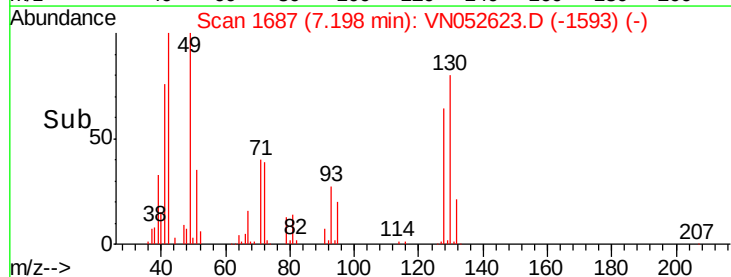
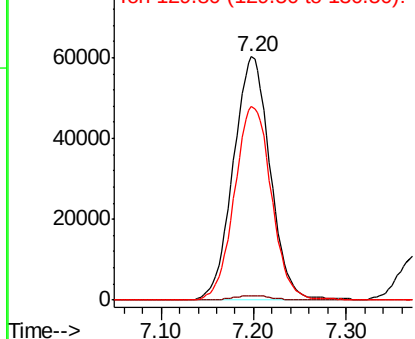


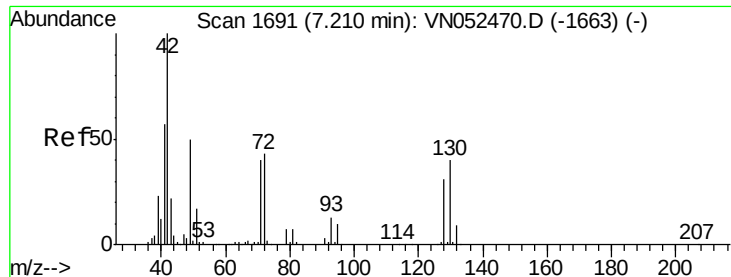
#28
 Bromochloromethane
 Concen: 18.315 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	79.6	60.2	90.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

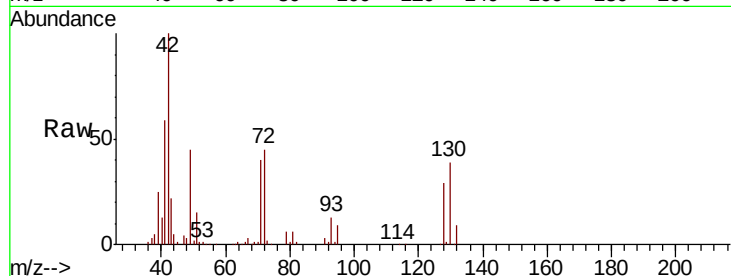




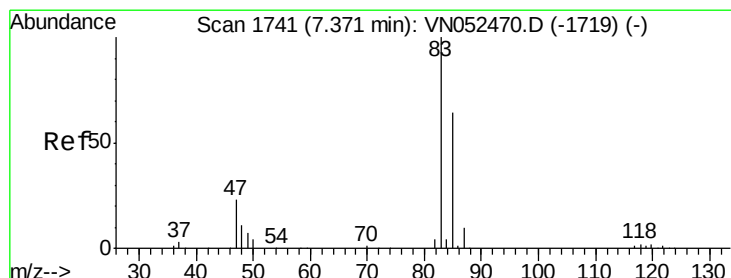
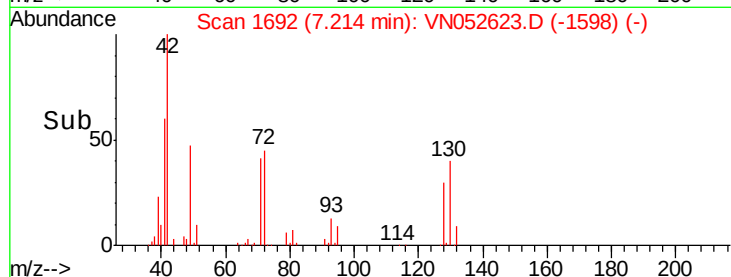
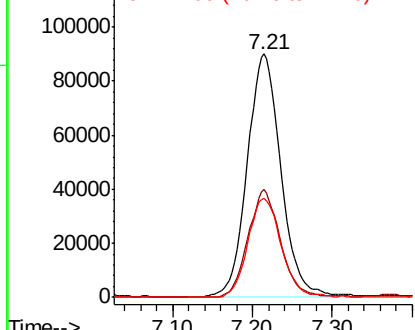
#29
Tetrahydrofuran
Concen: 96.346 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion: 42 Resp: 259102
Ion Ratio Lower Upper
42 100
72 42.4 33.3 49.9
71 40.1 32.0 48.0

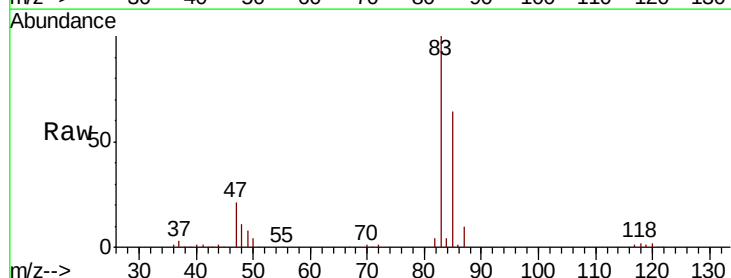


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

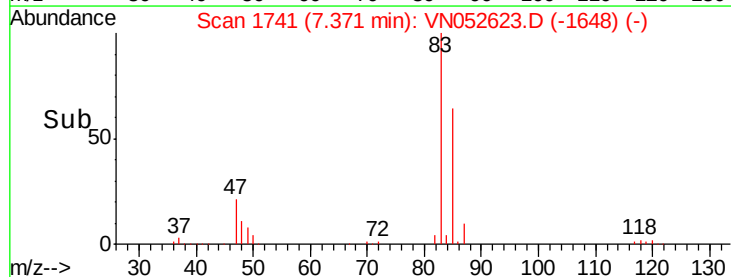
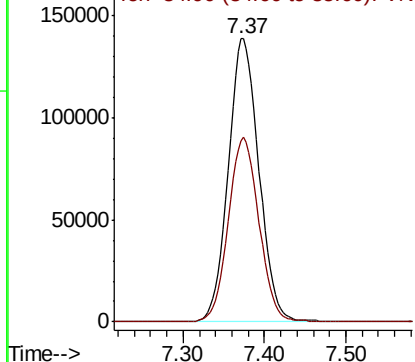


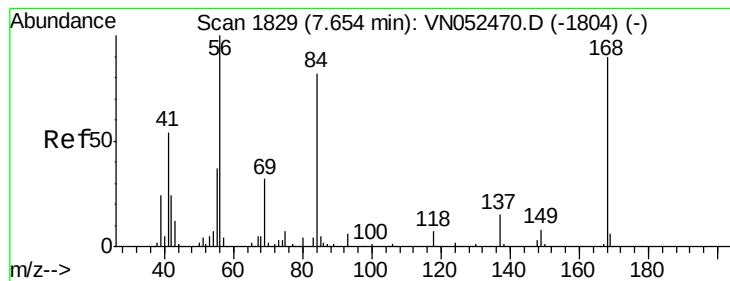
#30
Chloroform
Concen: 18.428 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 83 Resp: 364639
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.596 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

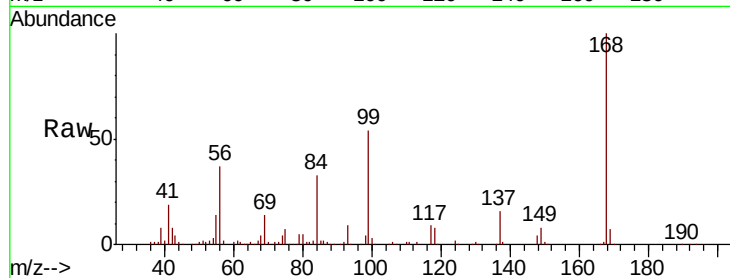
Tot Ion: 56 Resp: 342318

Ion Ratio Lower Upper

56 100

69 37.7 25.8 38.6

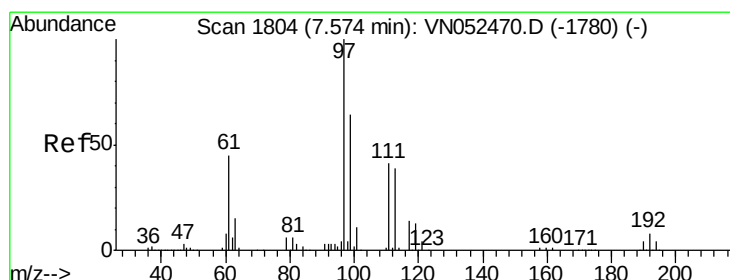
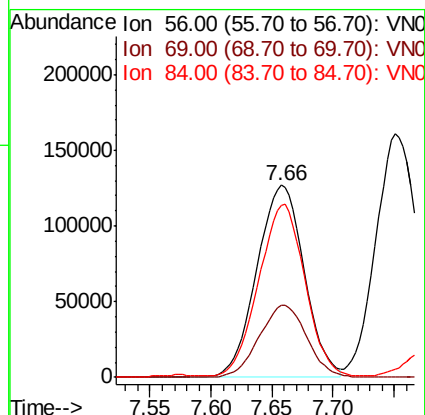
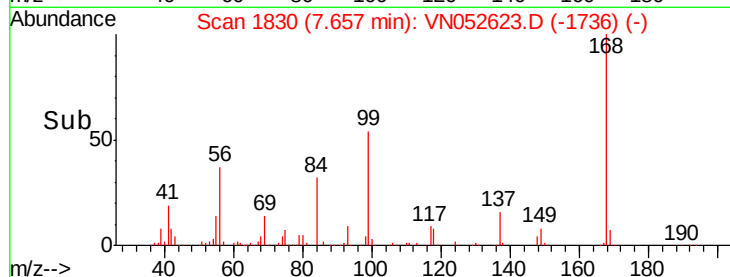
84 88.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.150 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

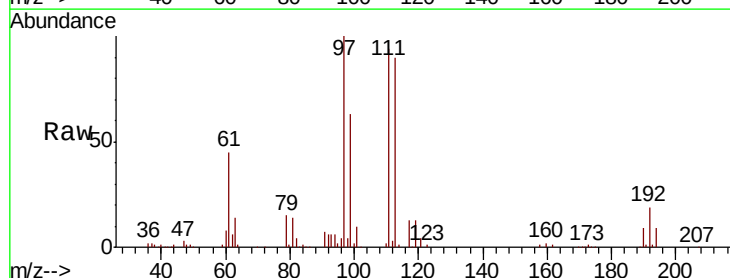
Tgt Ion: 97 Resp: 300234

Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

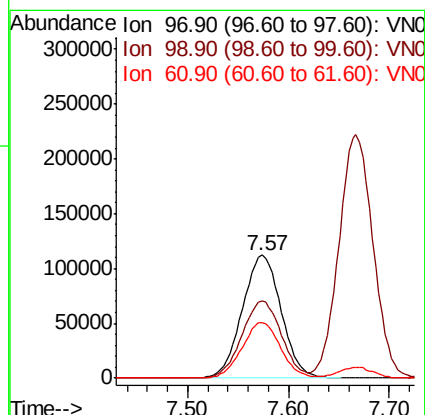
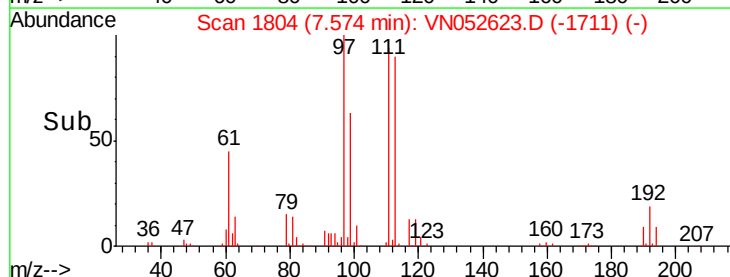
61 44.8 36.8 55.2

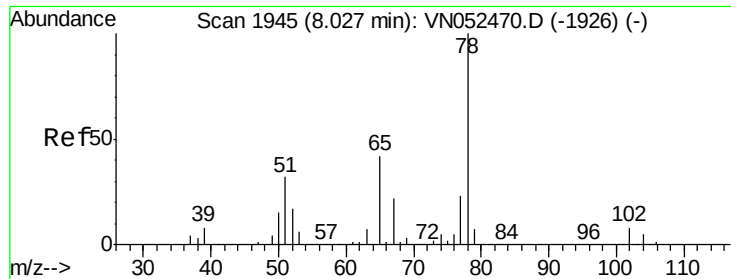


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

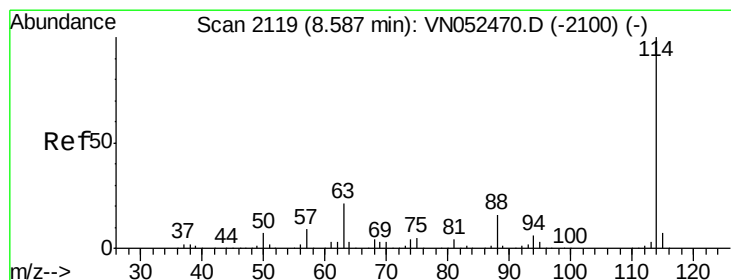
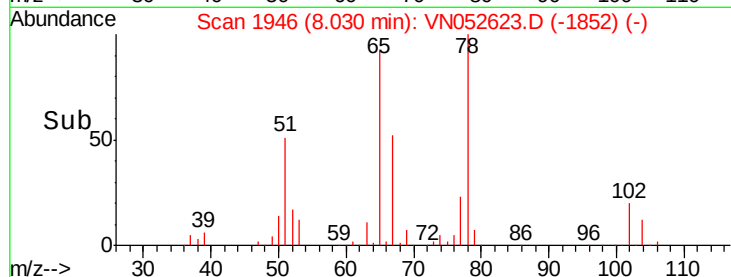
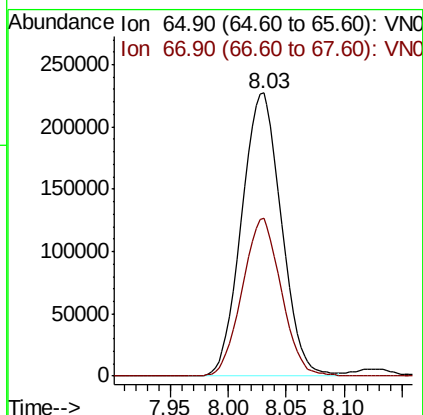
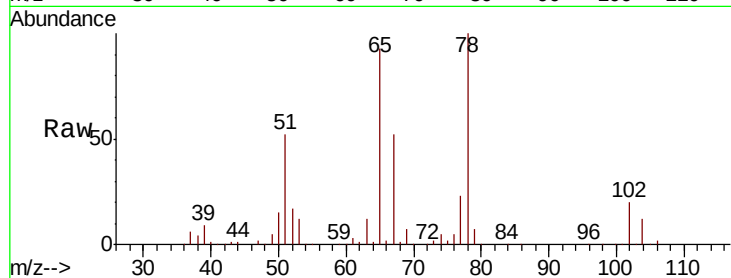




#33
 1,2-Dichloroethane-d4
 Concen: 19.150 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

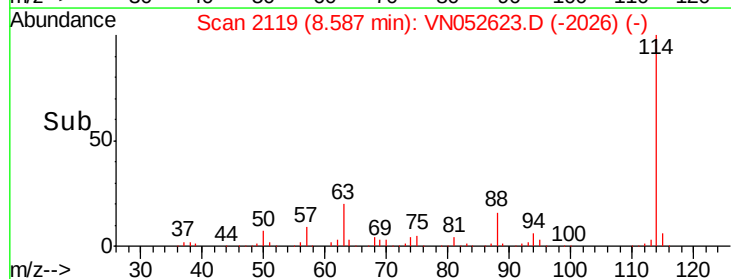
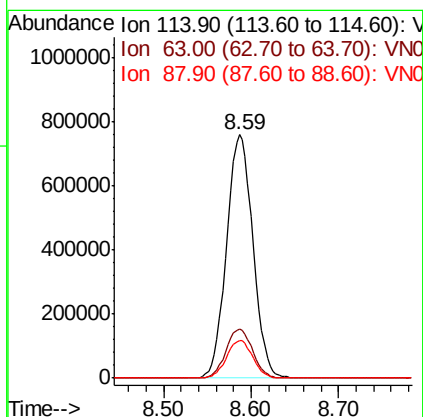
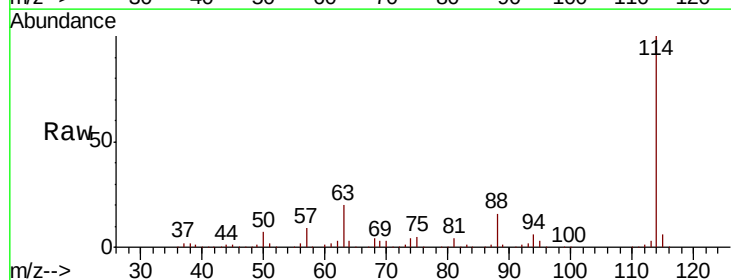
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

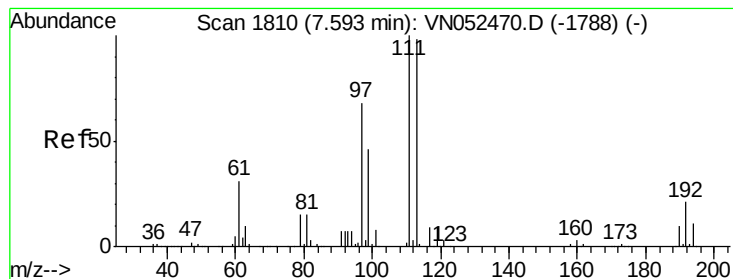
Tot Ion: 65 Resp: 542396
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 114 Resp: 1589945
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

VN1203WBS01

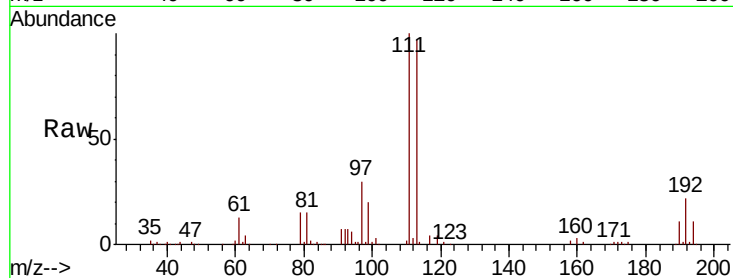
Tot Ion:113 Resp: 493268

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

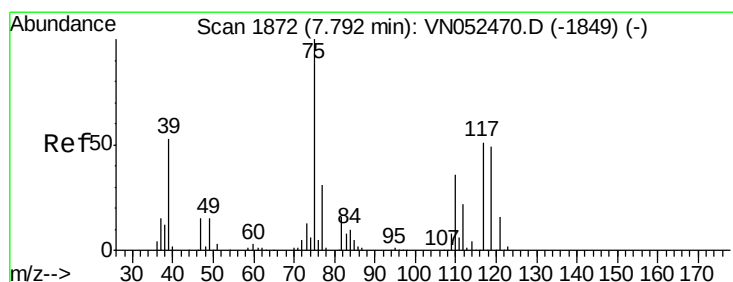
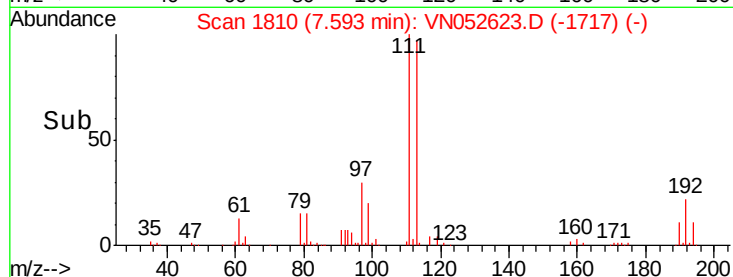
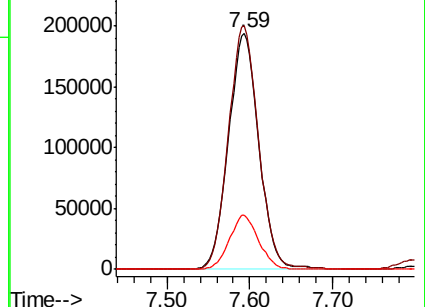
192 21.9 17.0 25.6



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: 18.267 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

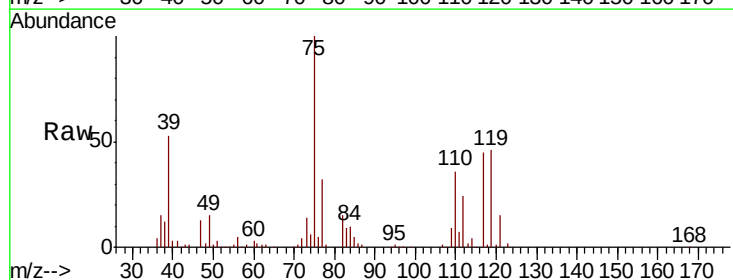
Tgt Ion: 75 Resp: 274266

Ion Ratio Lower Upper

75 100

110 35.8 17.5 52.6

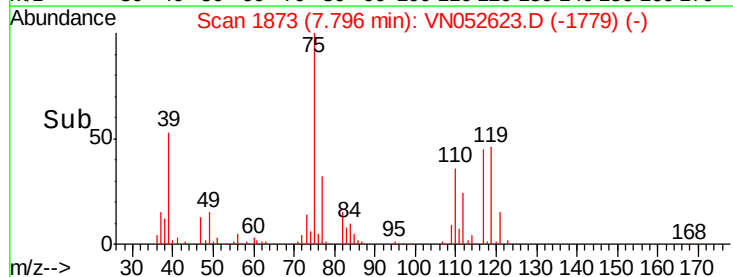
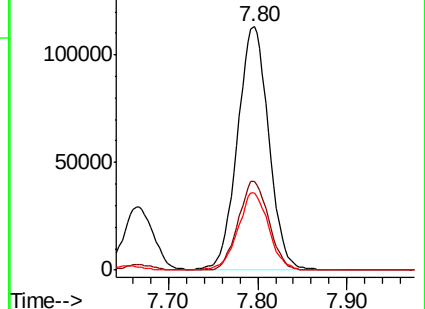
77 31.4 24.5 36.7

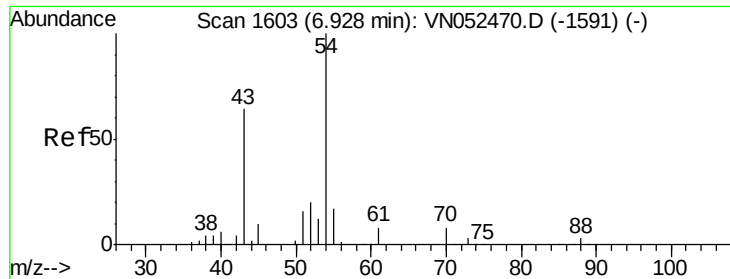


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

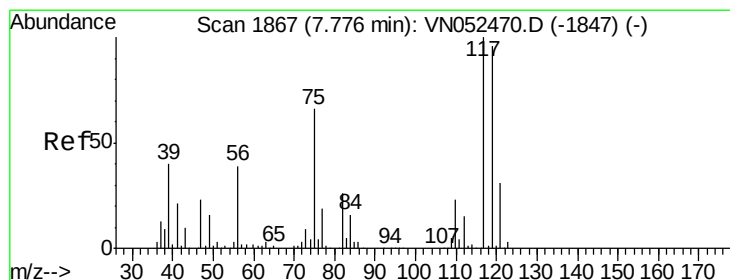
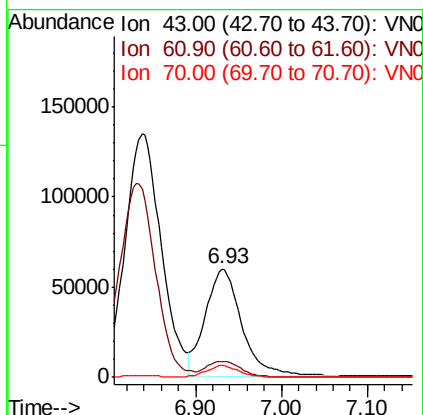
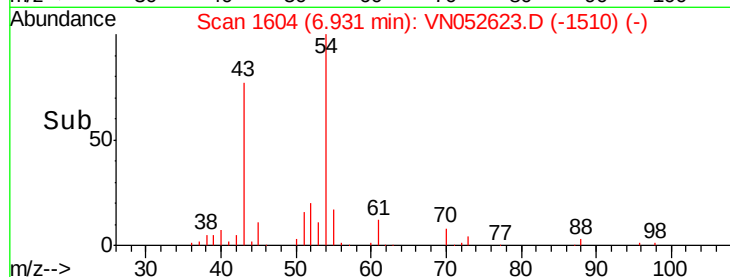
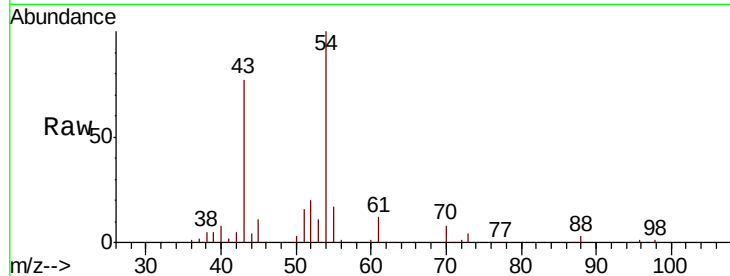




#37
Ethyl Acetate
Concen: 19.232 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

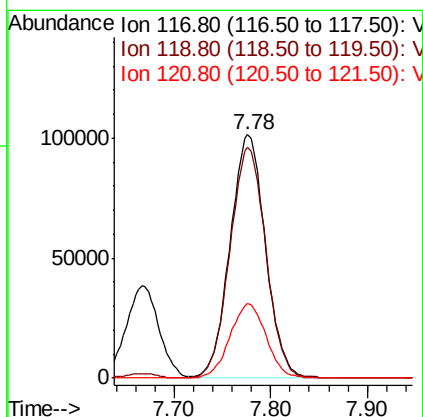
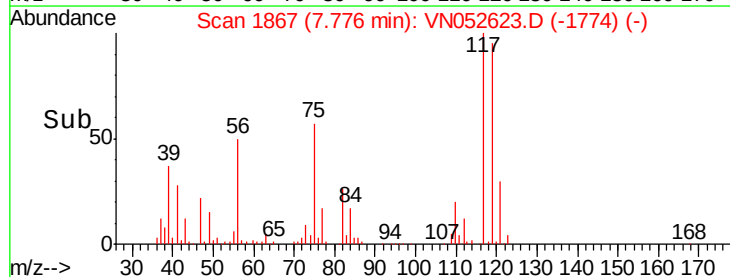
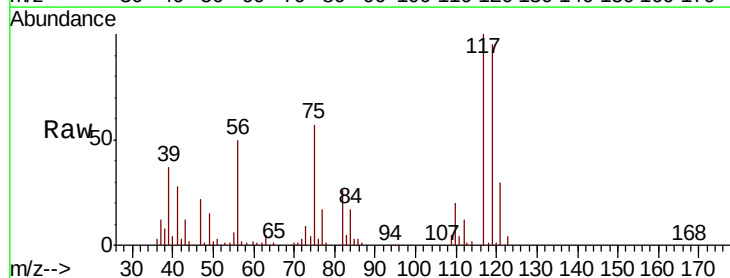
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

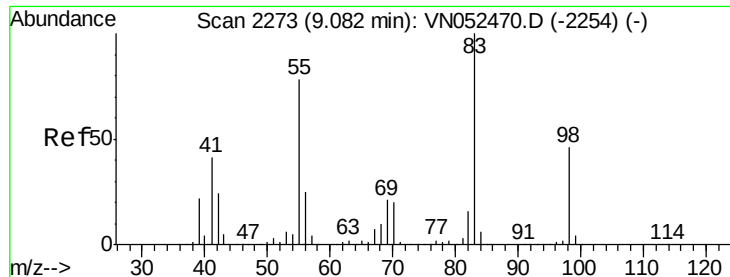
Tot Ion: 43 Resp: 176229
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.8
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.994 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 117 Resp: 258161
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2
121 30.5 24.9 37.3

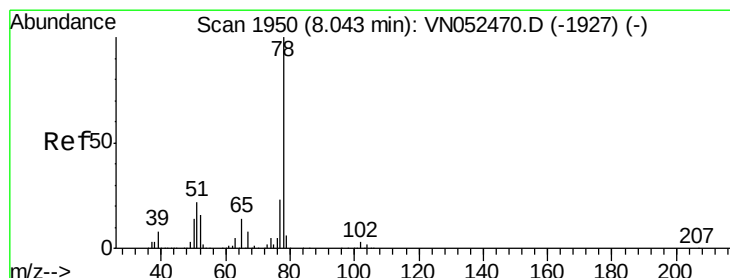
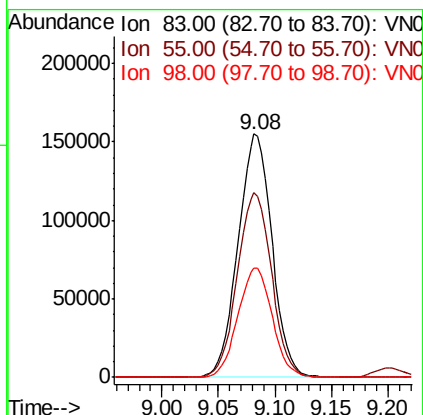
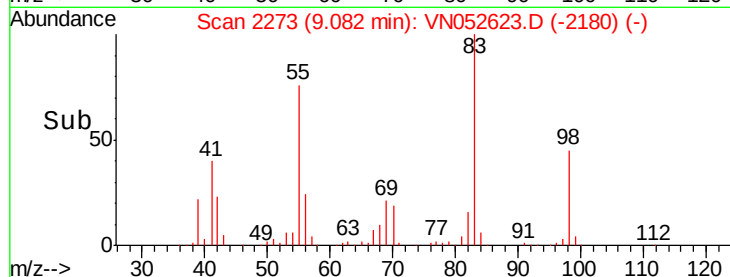
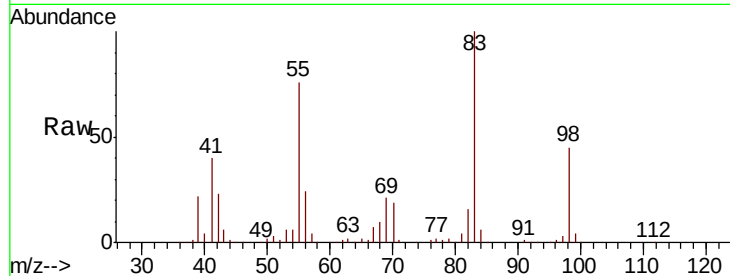




#39
Methylvlcyclohexane
Concen: 17.756 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

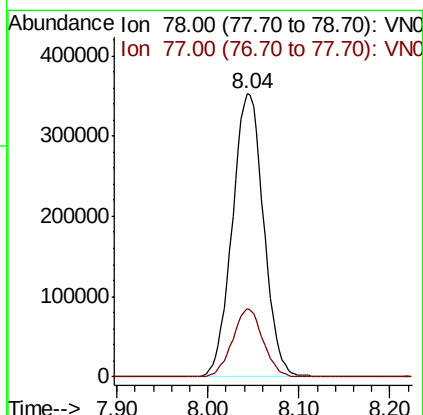
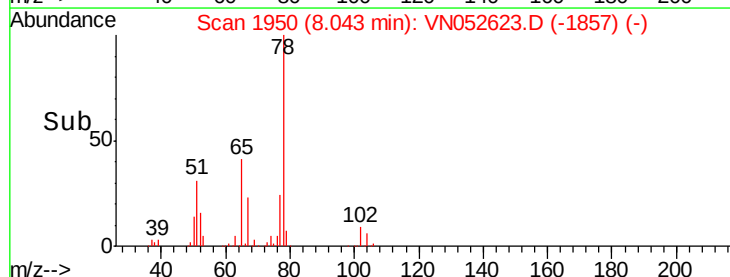
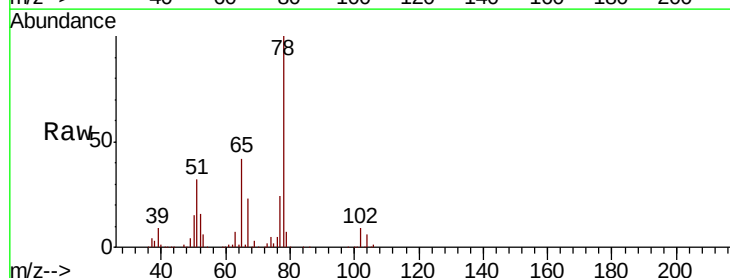
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

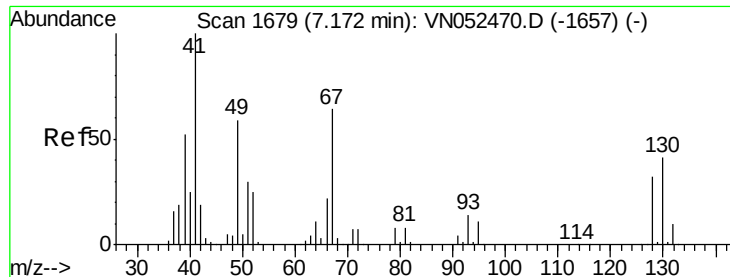
Tot Ion: 83 Resp: 324039
Ion Ratio Lower Upper
83 100
55 75.9 62.2 93.2
98 45.0 36.4 54.6



#40
Benzene
Concen: 18.857 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 78 Resp: 843781
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

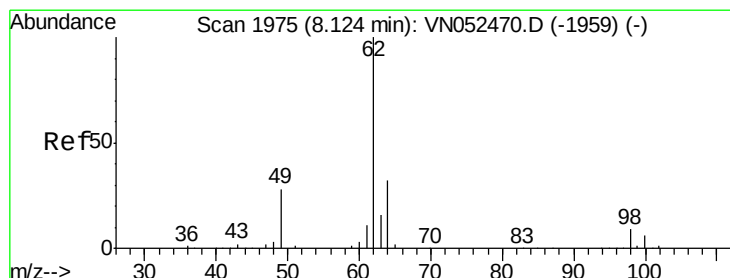
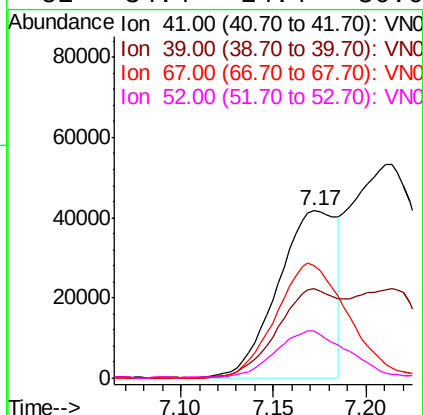
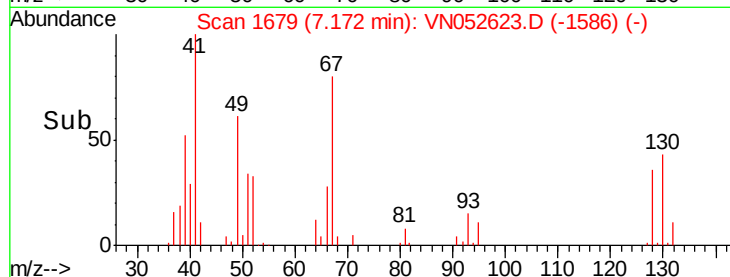
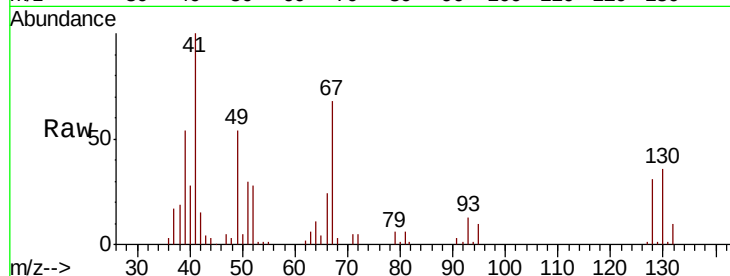




#41
Methacrylonitrile
Concen: 18.414 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

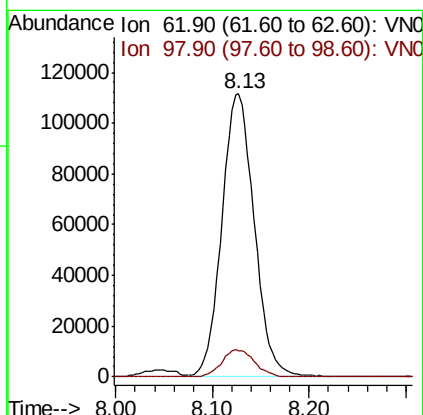
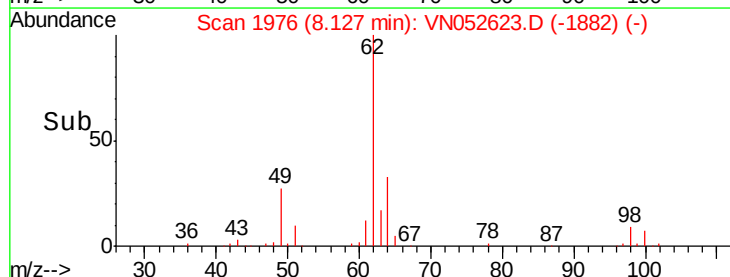
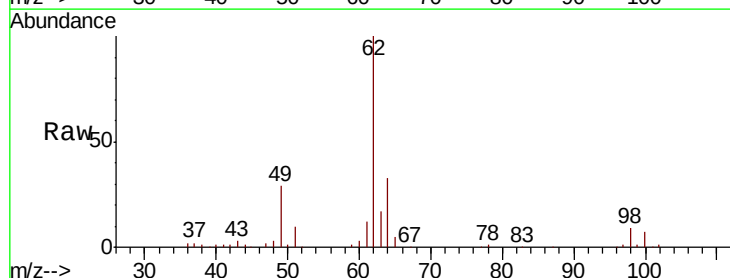
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

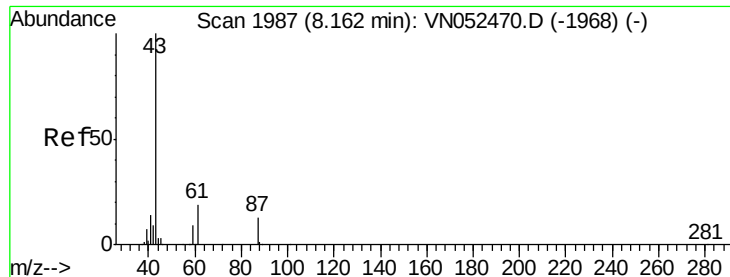
Tot Ion:	41	Resp:	92246
Ion	Ratio	Lower	Upper
41	100		
39	56.9	50.9	76.3
67	85.2	63.6	95.4
52	34.4	24.4	36.6



#42
1,2-Dichloroethane
Concen: 19.053 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion:	62	Resp:	258143
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.284 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

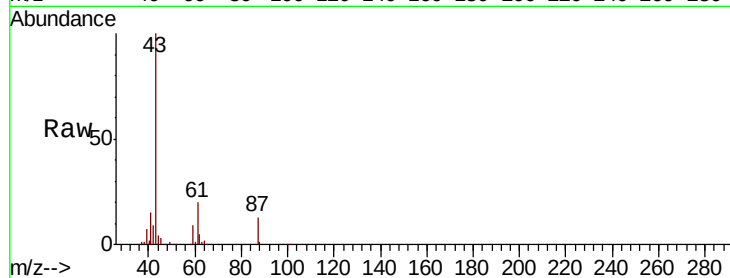
Tot Ion: 43 Resp: 314542

Ion Ratio Lower Upper

43 100

61 20.4 24.1 36.1#

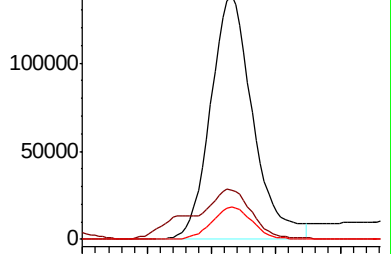
87 12.6 10.6 15.8



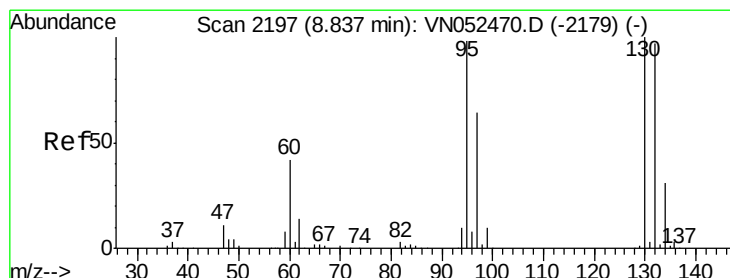
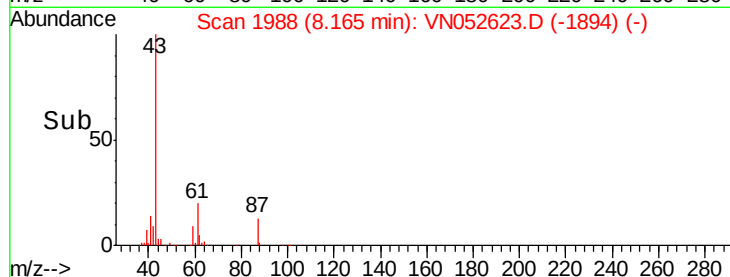
Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 18.968 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052623.D

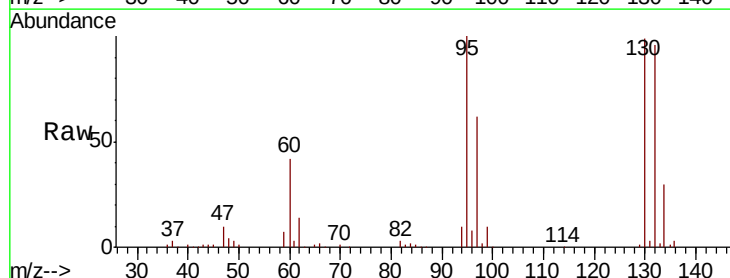
Acq: 3 Dec 2018 11:21

Tgt Ion:130 Resp: 217396

Ion Ratio Lower Upper

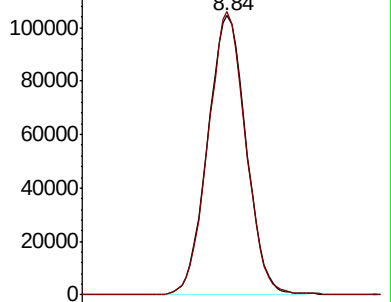
130 100

95 101.4 0.0 195.6

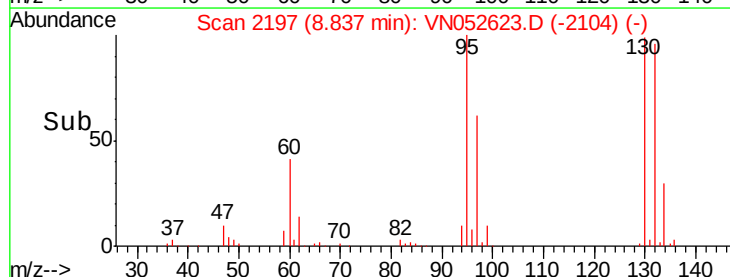


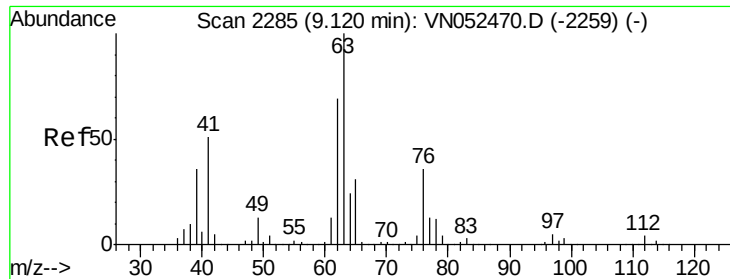
Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052470.D (-2179) (-)



Time--> 8.75 8.80 8.85 8.90

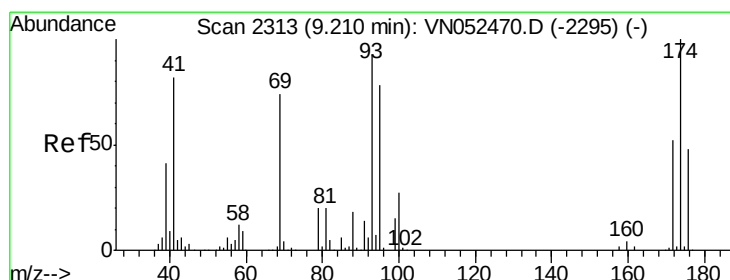
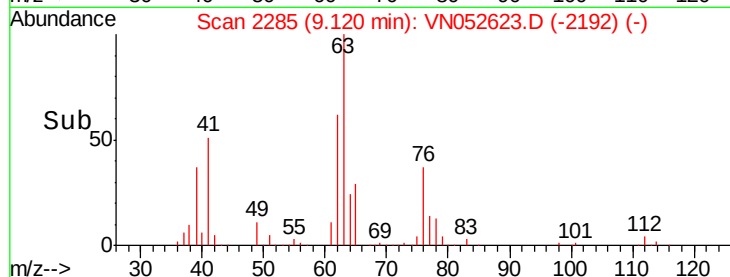
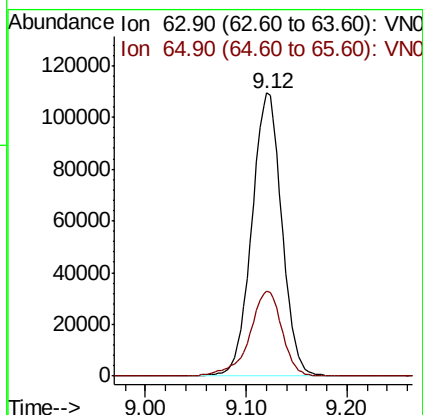
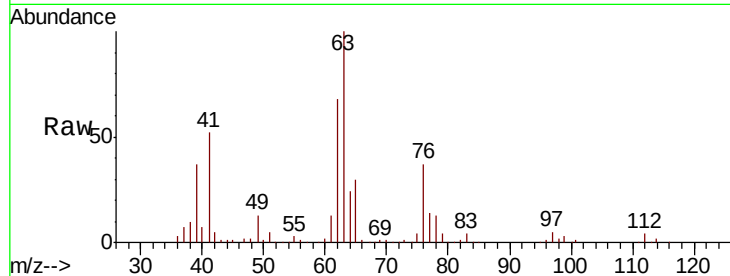




#45
 1,2-Dichloropropane
 Concen: 18.899 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

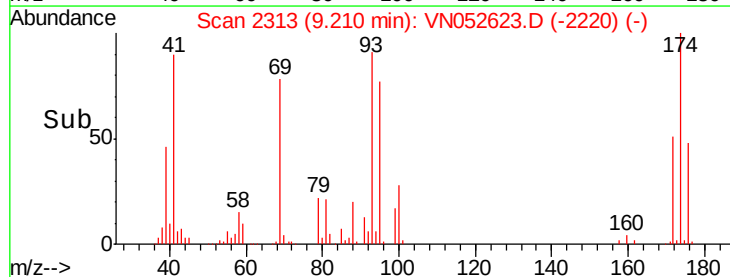
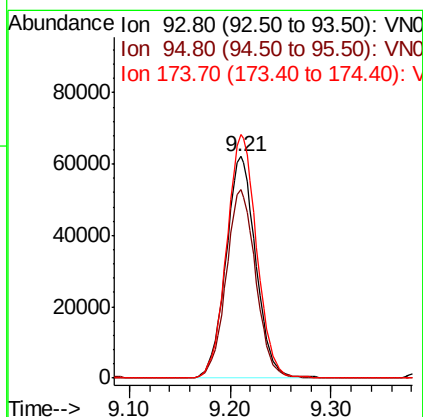
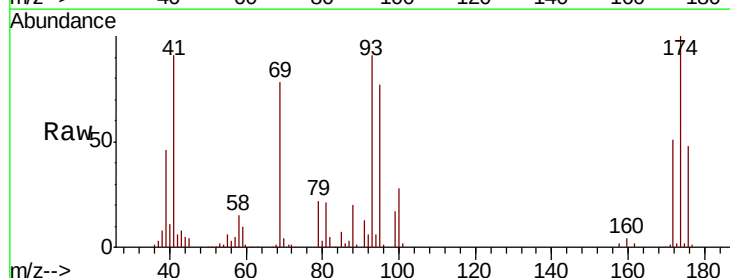
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

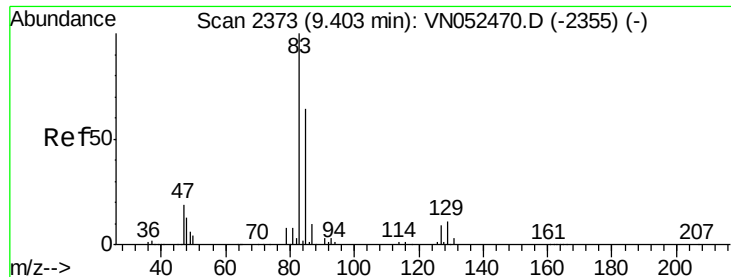
Tot Ion: 63 Resp: 224830
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 19.444 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 93 Resp: 128052
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.1 100.7
 174 110.2 85.8 128.8

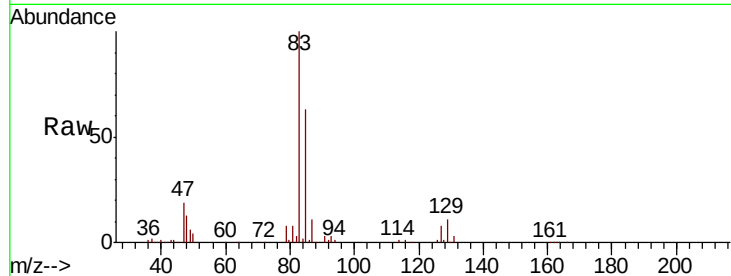




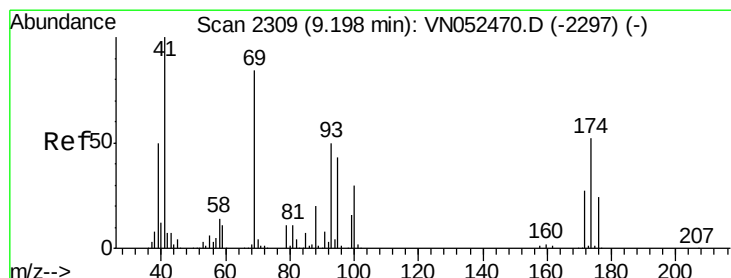
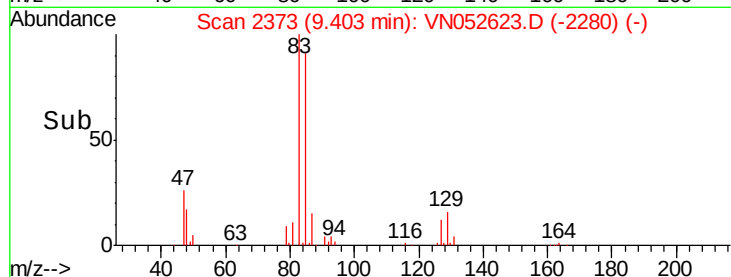
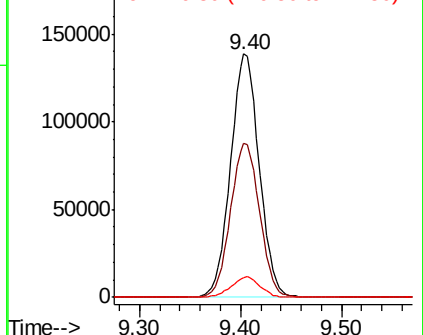
#47
Bromodichloromethane
Concen: 19.153 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion: 83 Resp: 274238
Ion Ratio Lower Upper
83 100
85 63.4 51.3 76.9
127 8.3 6.9 10.3

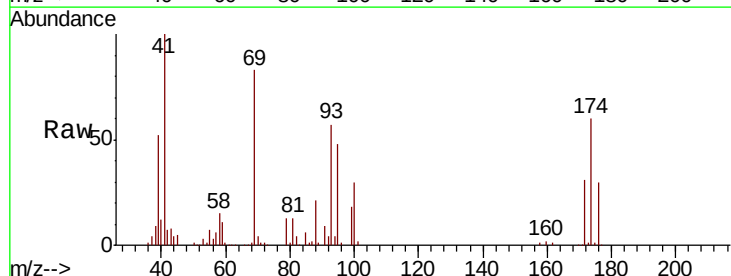


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

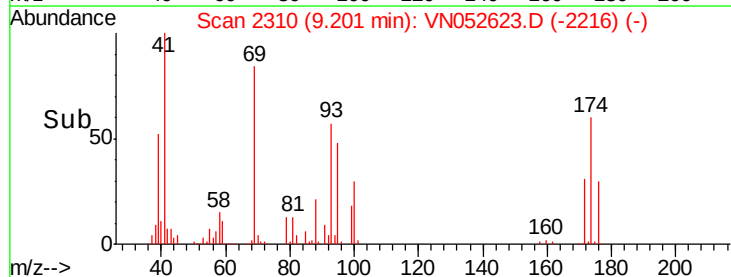
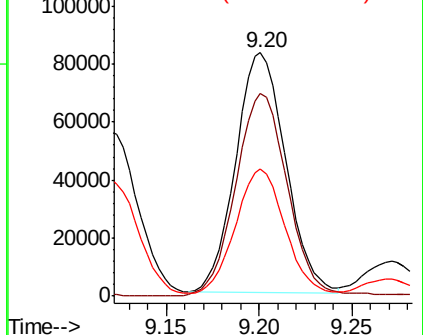


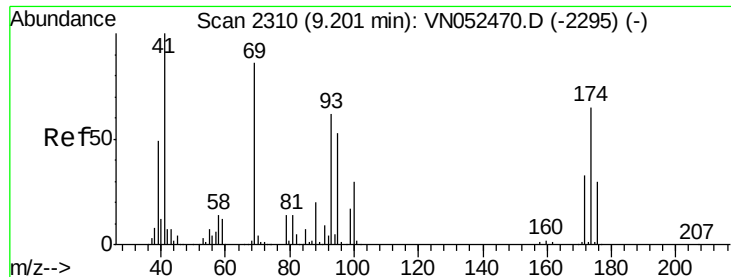
#48
Methyl methacrylate
Concen: 19.100 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 41 Resp: 154440
Ion Ratio Lower Upper
41 100
69 88.1 70.0 105.0
39 53.3 42.6 64.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

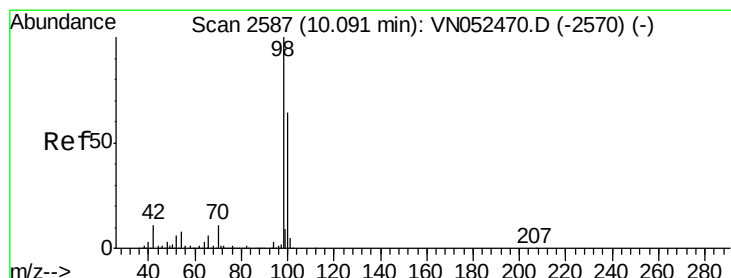
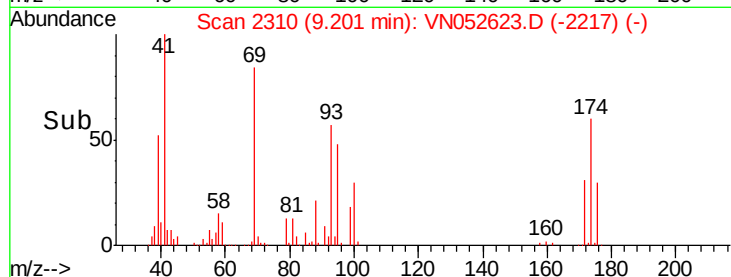
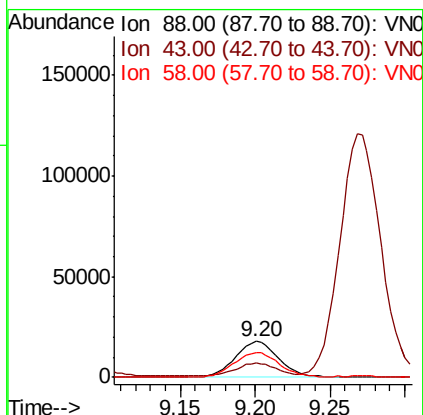
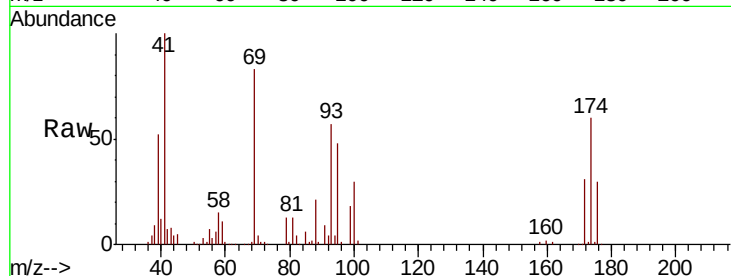




#49
1,4-Dioxane
Concen: 425.822 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

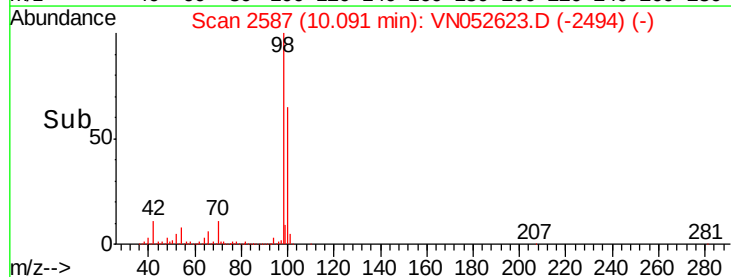
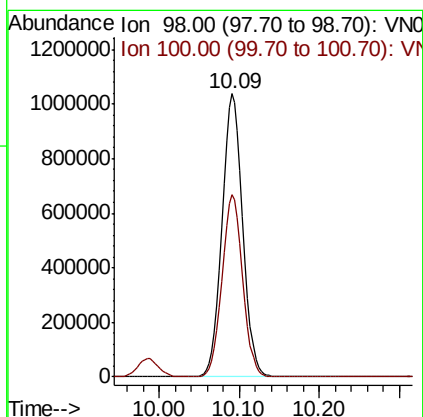
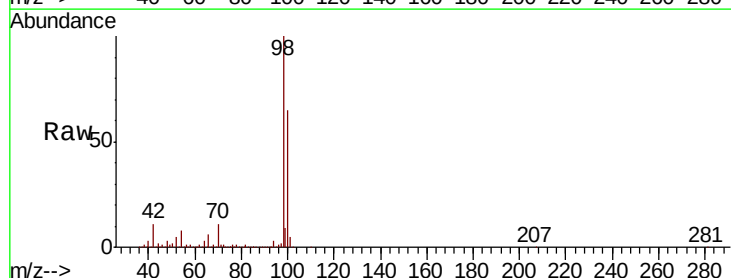
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

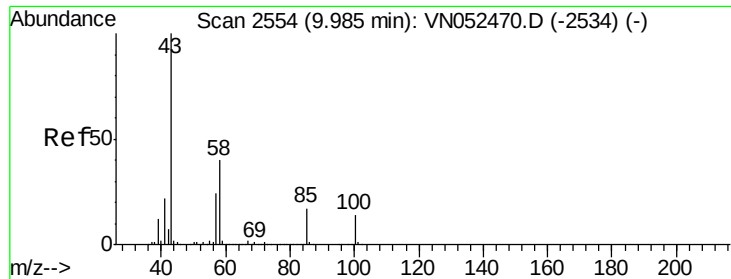
Tot Ion: 88 Resp: 35733
Ion Ratio Lower Upper
88 100
43 35.3 26.4 39.6
58 73.0 55.4 83.0



#50
Toluene-d8
Concen: 425.822 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 98 Resp: 1847641
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

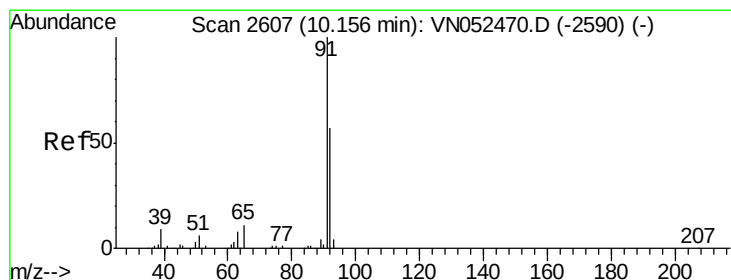
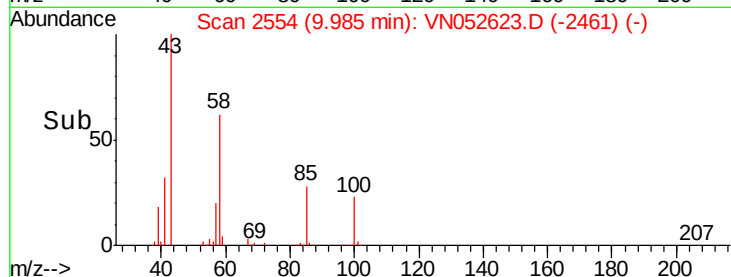
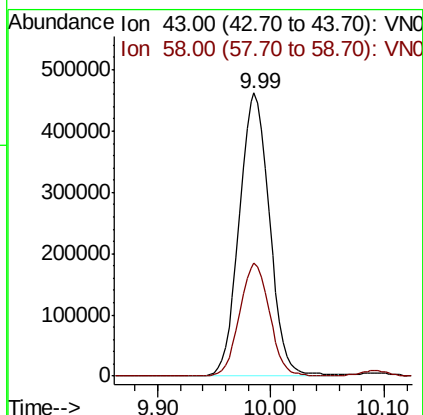
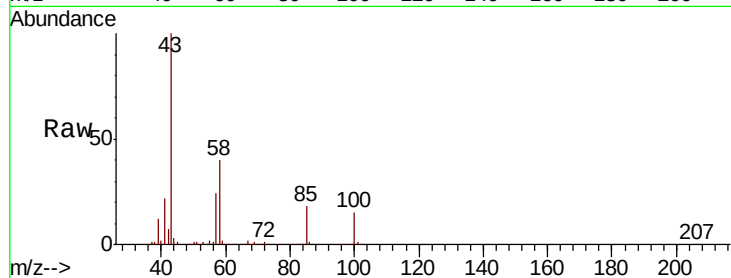




#51
 4-Methyl-2-Pentanone
 Concen: 98.701 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

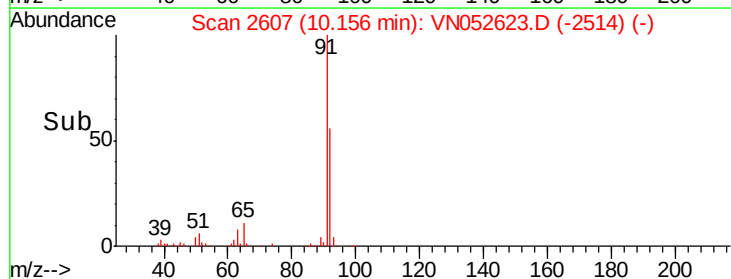
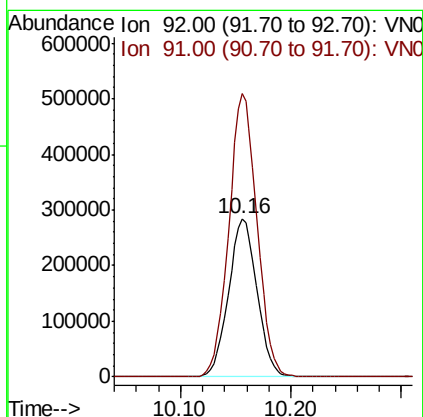
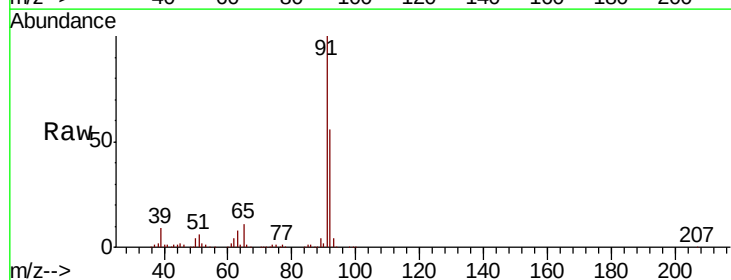
Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

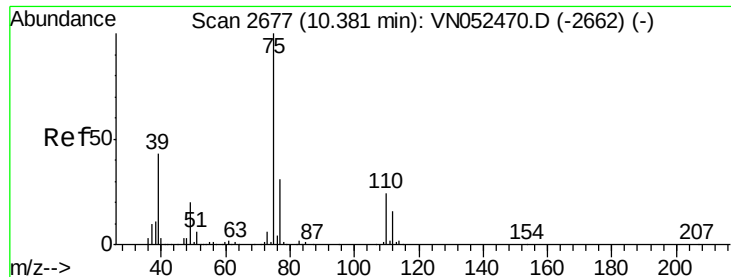
Tot Ion: 43 Resp: 858738
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.5 47.3



#52
 Toluene
 Concen: 19.104 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 92 Resp: 507883
 Ion Ratio Lower Upper
 92 100
 91 176.8 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 19.102 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

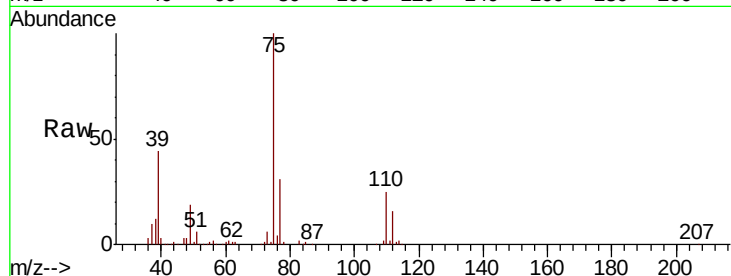
VN1203WBS01

Tot Ion: 75 Resp: 263124

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

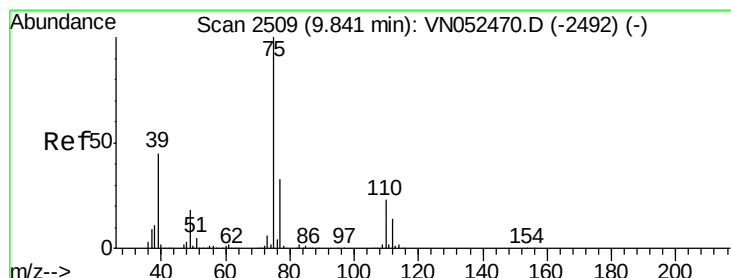
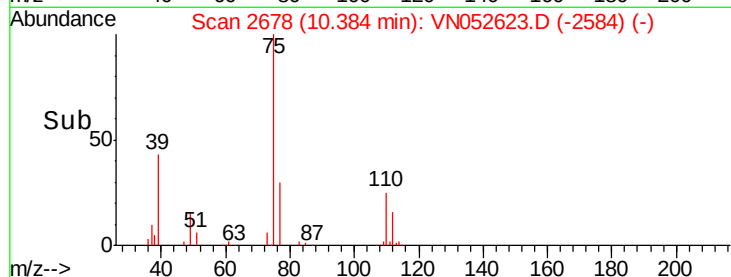
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.297 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

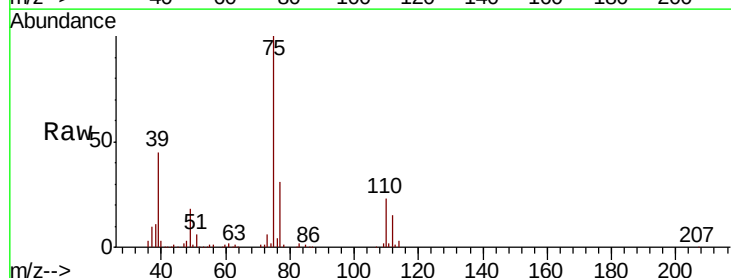
Tgt Ion: 75 Resp: 318529

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

39 45.4 36.0 54.0



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

9.84

200000

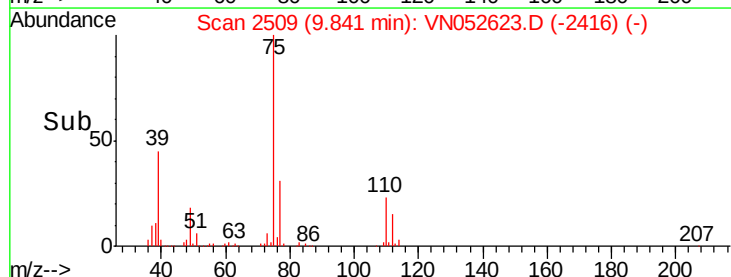
150000

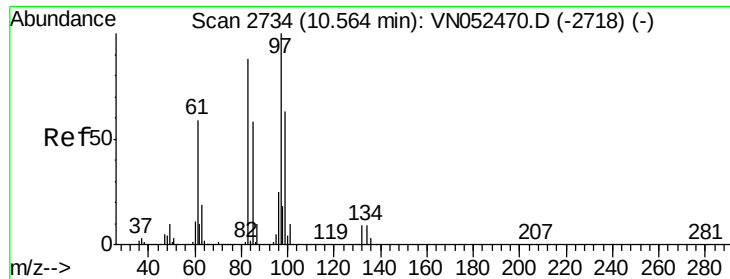
100000

50000

0

Time-->

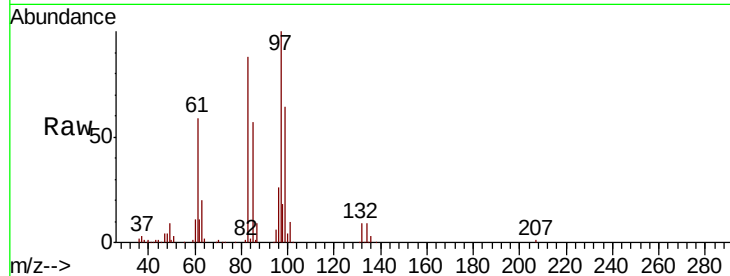




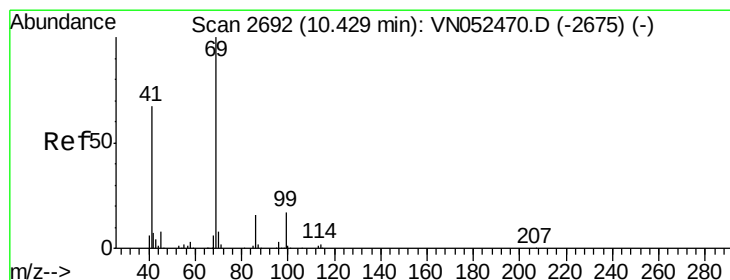
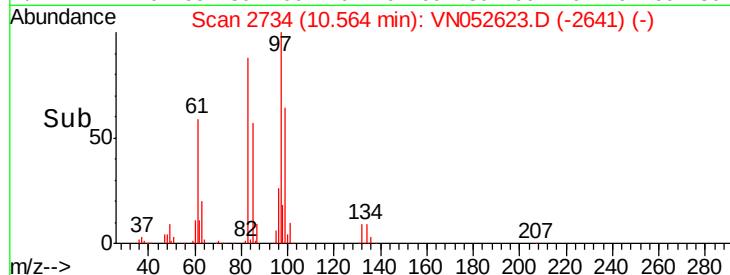
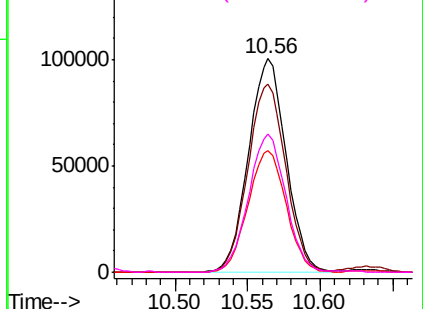
#55
 1,1,2-Trichloroethane
 Concen: 19.472 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

Tot Ion: 97 Resp: 182089
 Ion Ratio Lower Upper
 97 100
 83 88.0 70.7 106.1
 85 57.2 46.1 69.1
 99 64.3 50.8 76.2

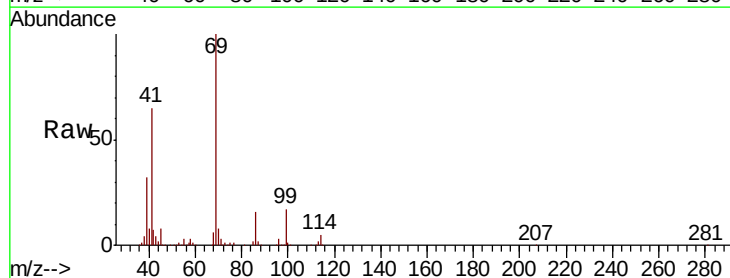


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

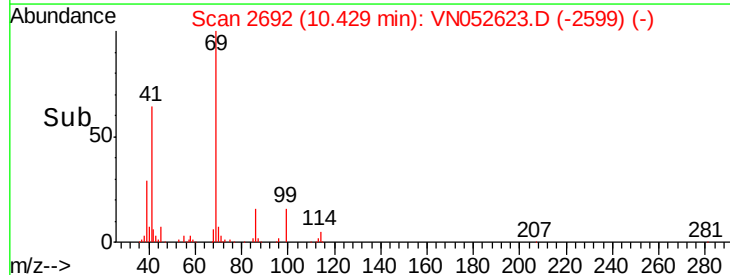
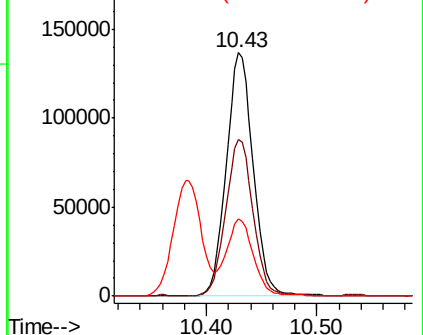


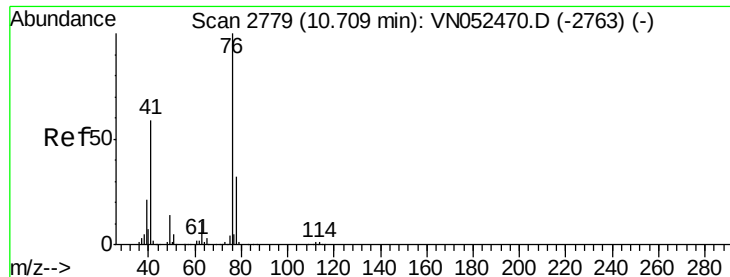
#56
 Ethyl methacrylate
 Concen: 19.591 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 69 Resp: 231913
 Ion Ratio Lower Upper
 69 100
 41 64.5 52.6 79.0
 39 30.2 25.9 38.9



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 18.959 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

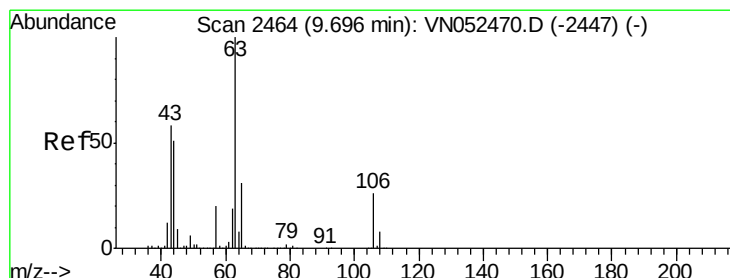
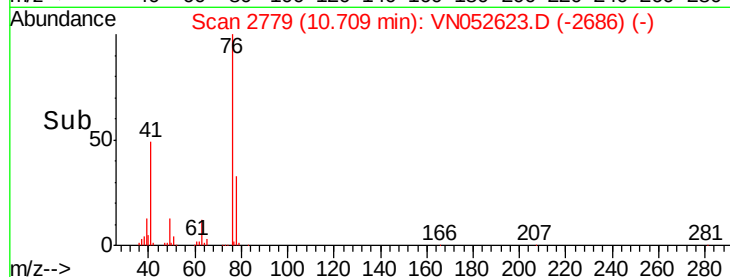
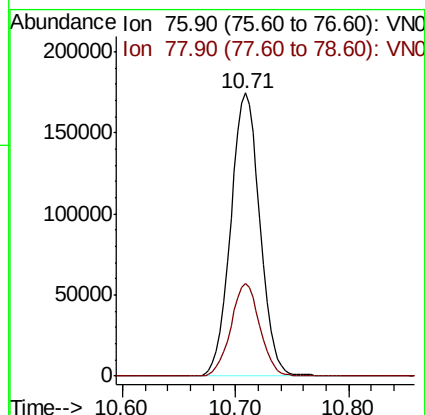
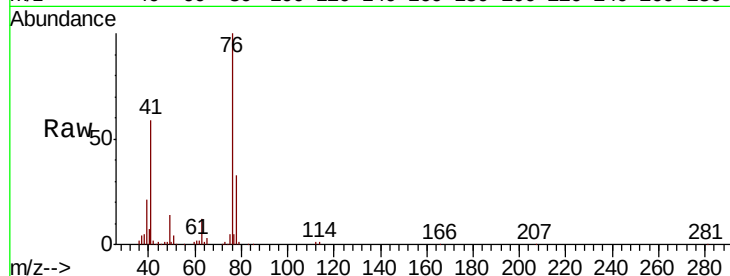
VN1203WBS01

Tot Ion: 76 Resp: 313043

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.481 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052623.D

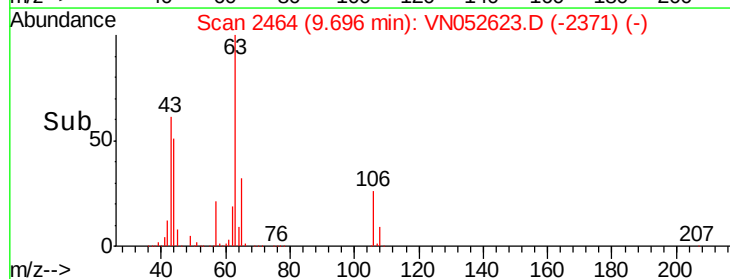
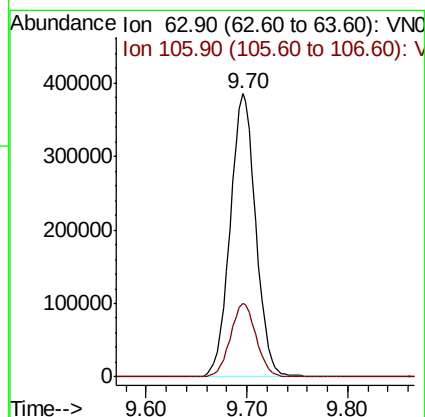
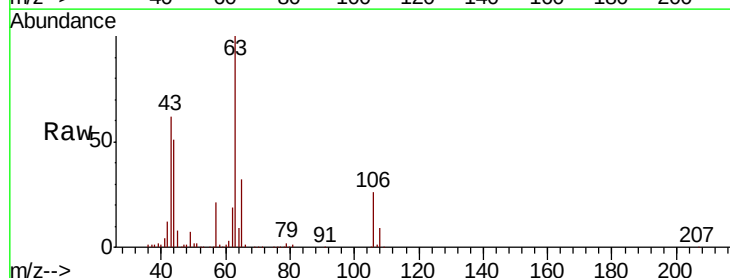
Acq: 3 Dec 2018 11:21

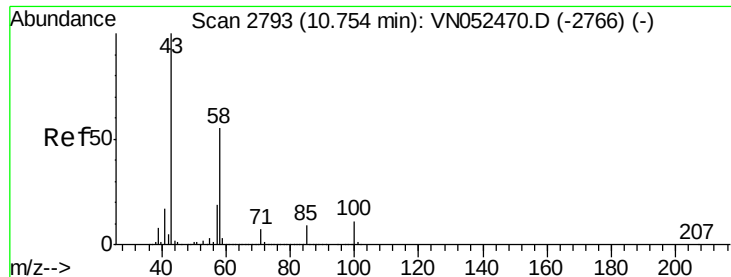
Tgt Ion: 63 Resp: 681827

Ion Ratio Lower Upper

63 100

106 26.2 20.6 30.8

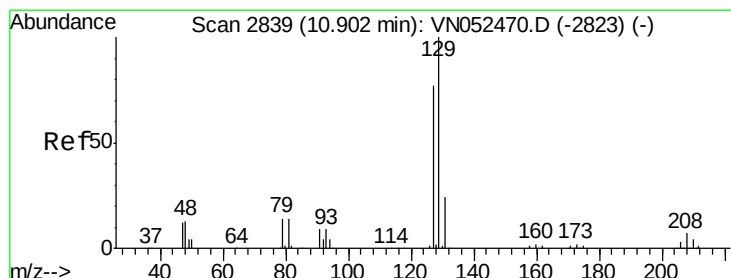
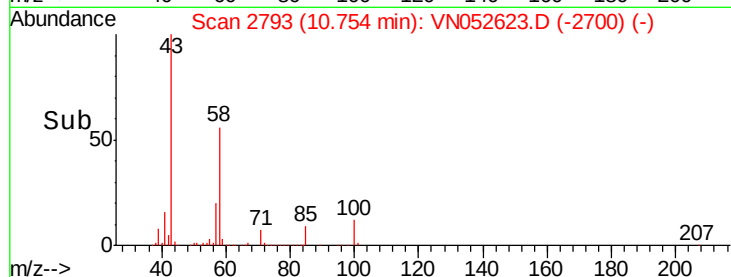
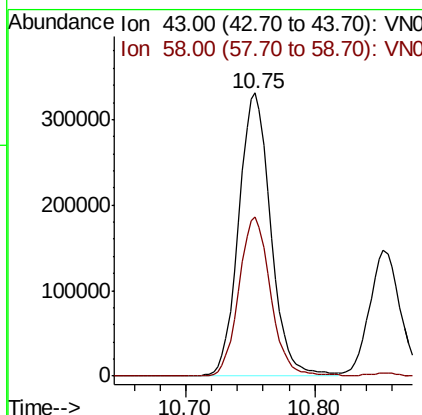
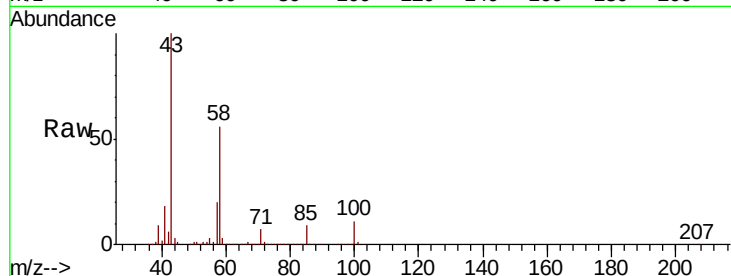




#59
2-Hexanone
Concen: 97.835 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

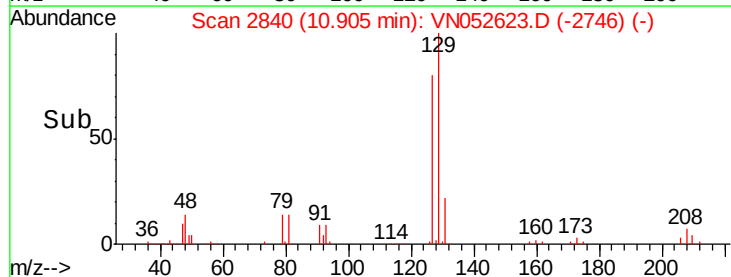
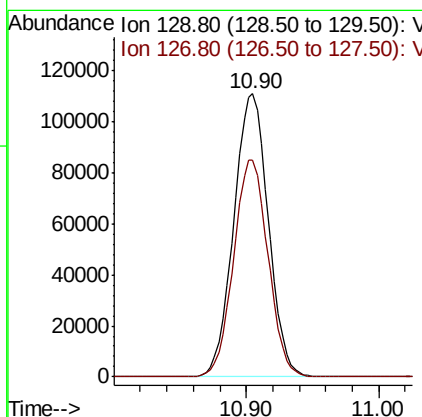
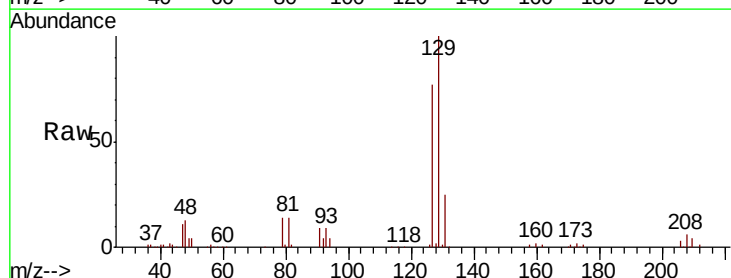
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

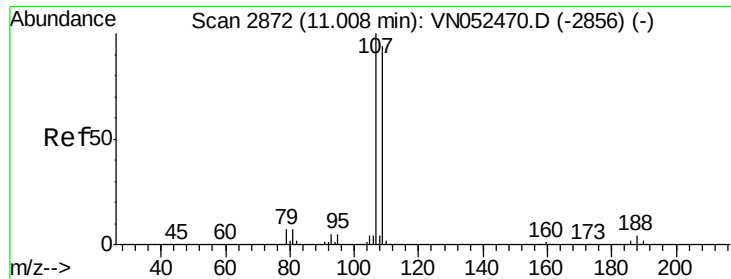
Tot Ion: 43 Resp: 571288
Ion Ratio Lower Upper
43 100
58 55.8 27.4 82.0



#60
Dibromochloromethane
Concen: 19.768 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 129 Resp: 200777
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6

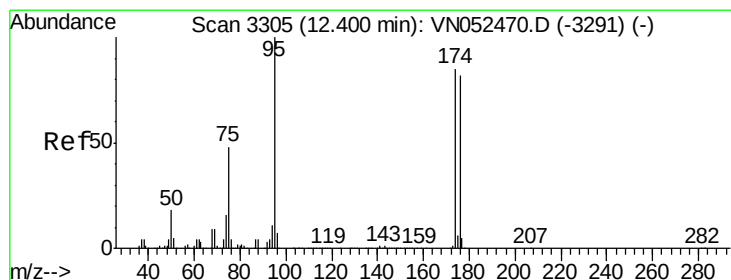
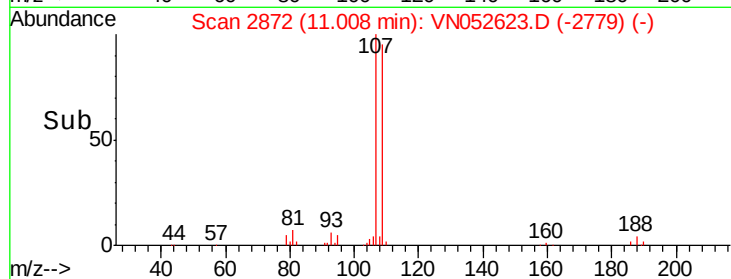
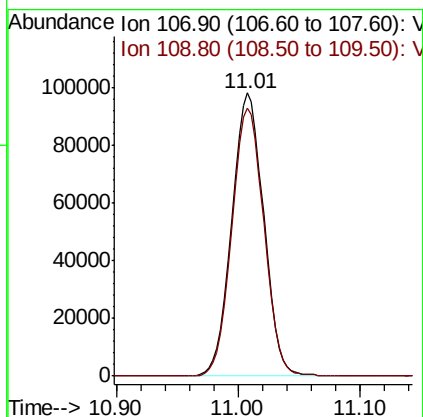
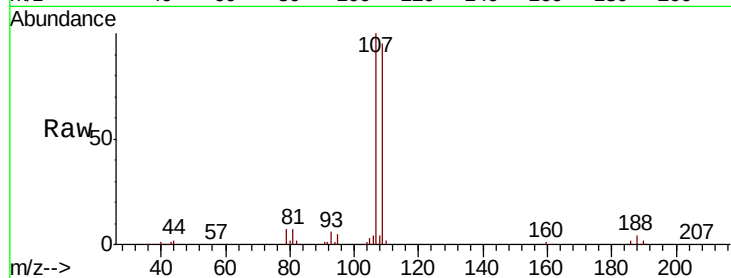




#61
 1,2-Dibromoethane
 Concen: 19.163 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

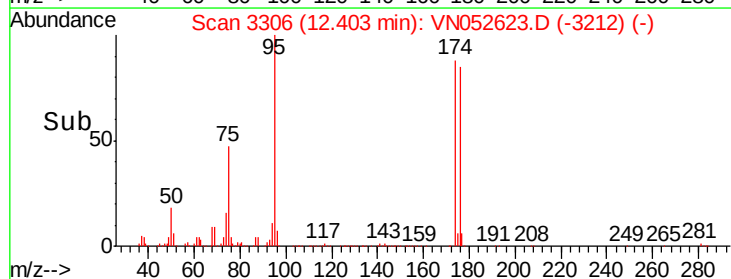
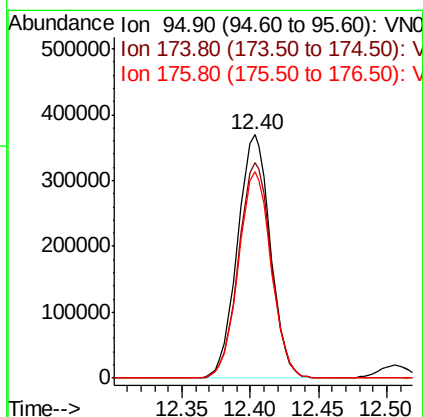
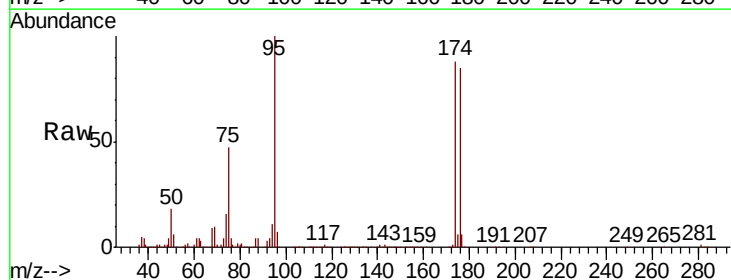
Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

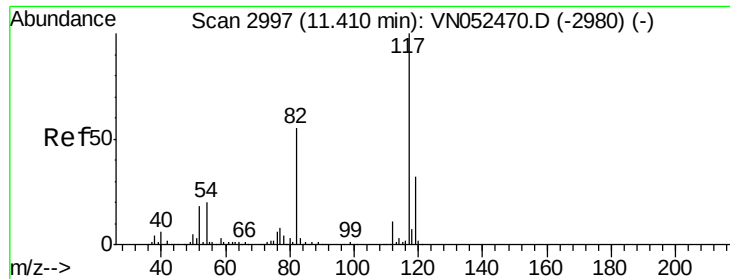
Tot Ion:107 Resp: 177985
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 19.163 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion: 95 Resp: 617322
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 173.0
 176 84.7 0.0 166.2

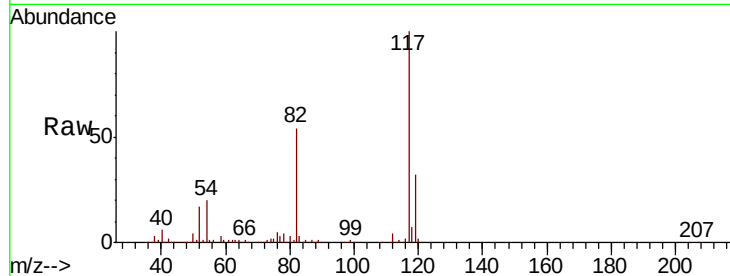




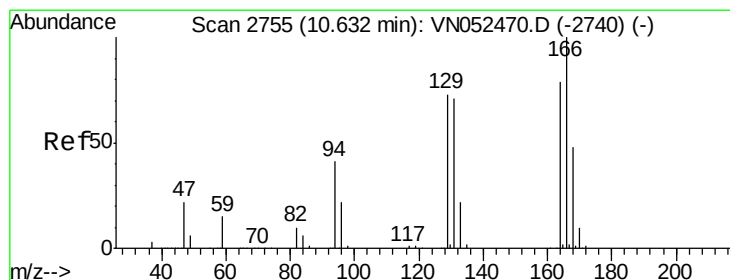
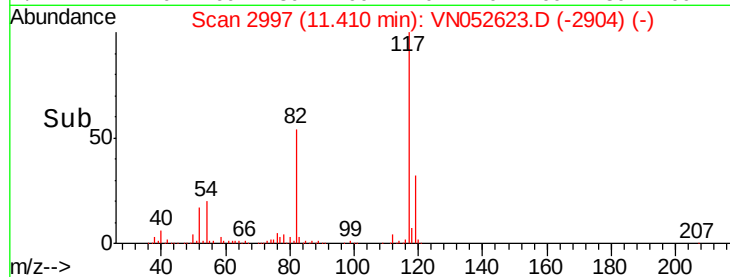
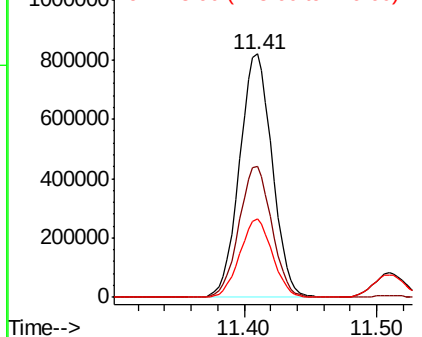
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

Tot Ion:117 Resp: 1400340
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 32.2 25.4 38.2

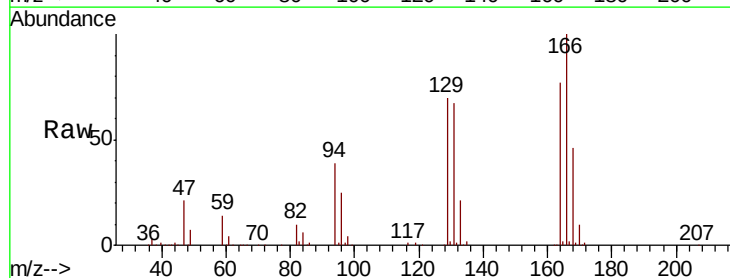


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

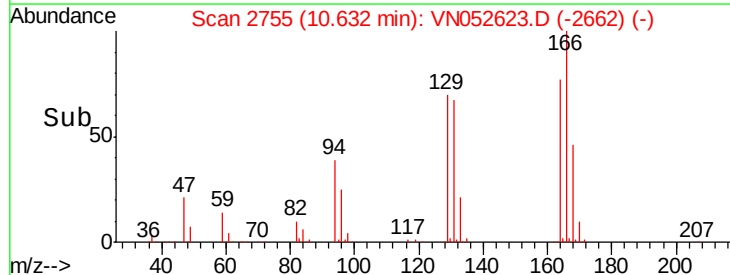
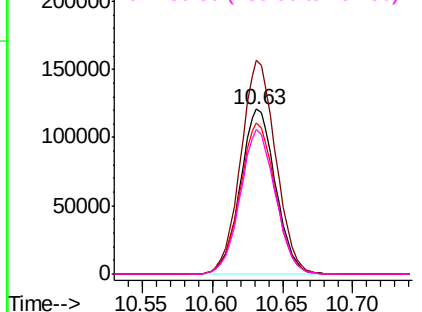


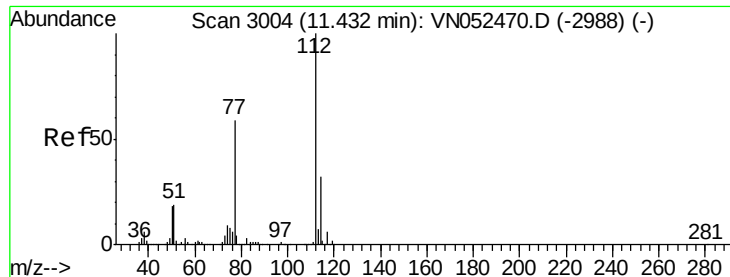
#64
Tetrachloroethene
Concen: 19.462 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion:164 Resp: 211303
Ion Ratio Lower Upper
164 100
166 129.4 101.0 151.4
129 91.2 73.8 110.6
131 87.3 71.2 106.8



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

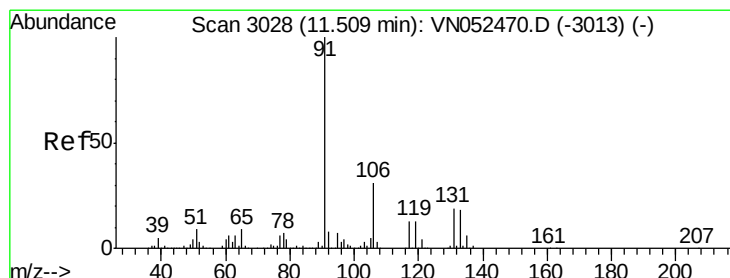
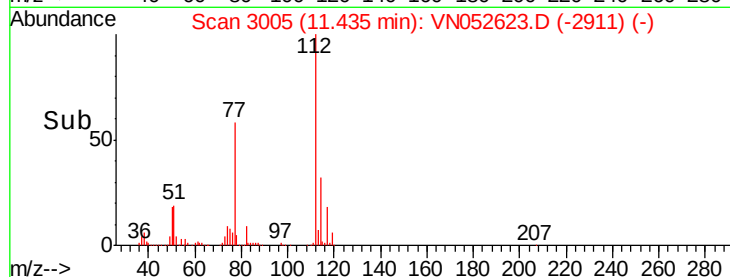
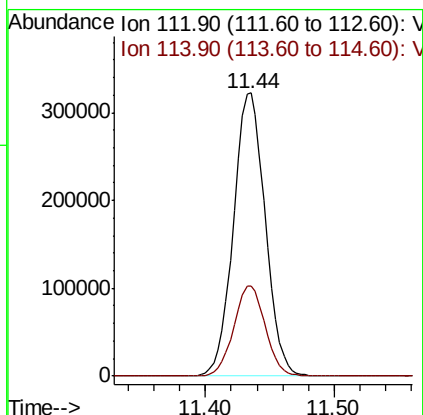
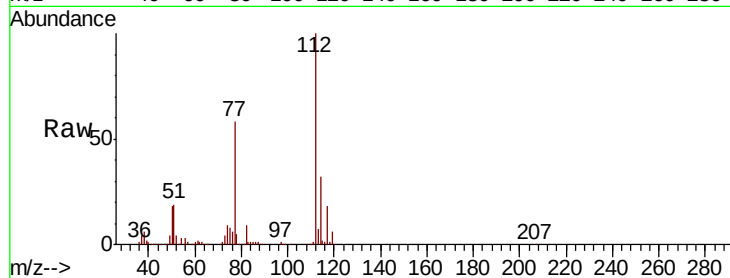




#65
Chlorobenzene
Concen: 19.116 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

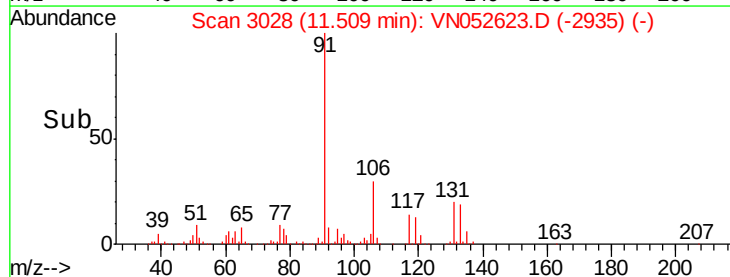
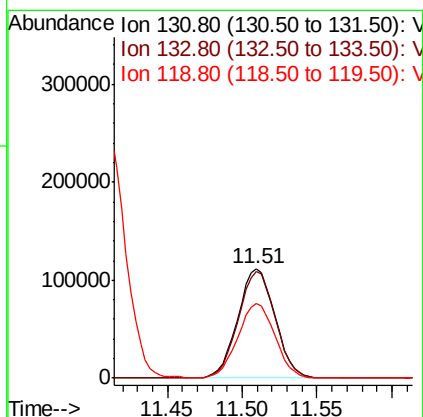
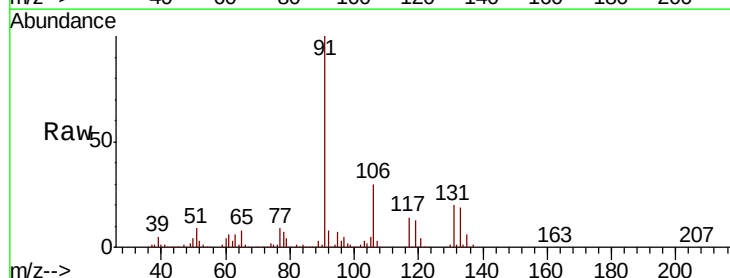
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

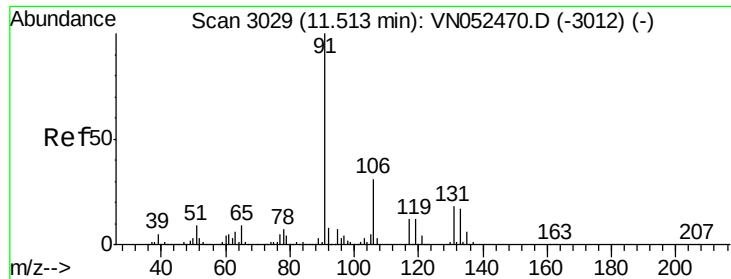
Tot Ion:112 Resp: 551959
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.265 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion:131 Resp: 193419
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 68.2 33.2 99.6

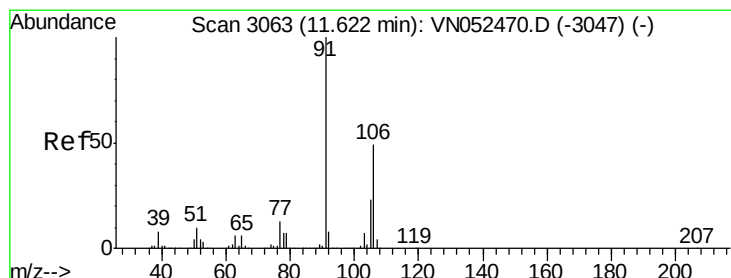
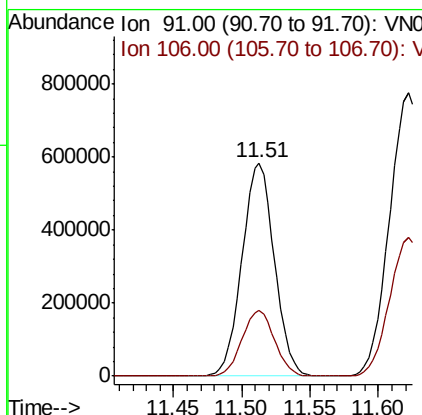
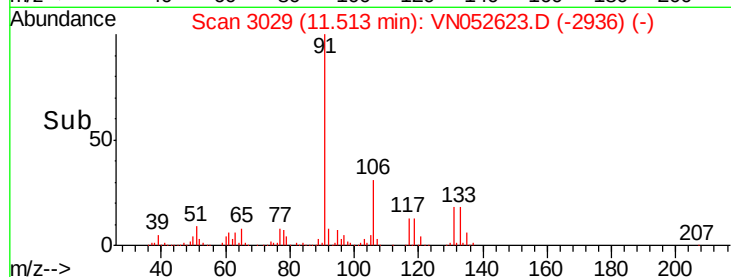
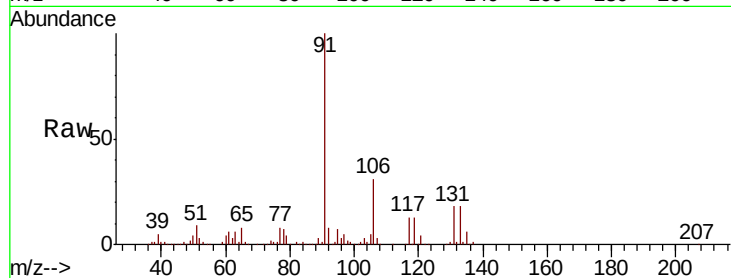




#67
Ethyl Benzene
Concen: 19.001 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

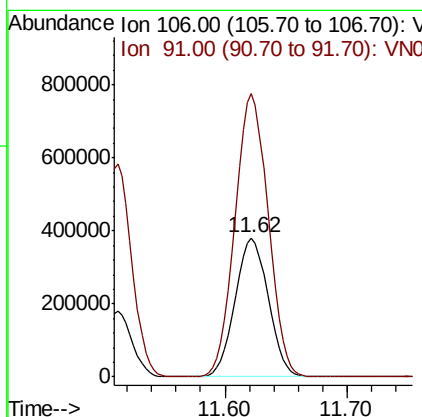
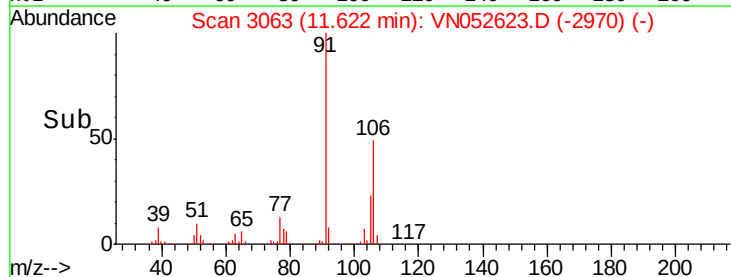
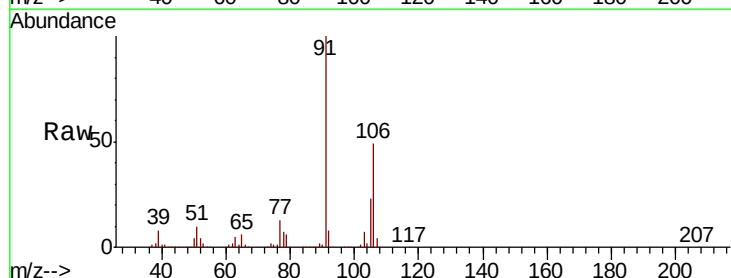
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

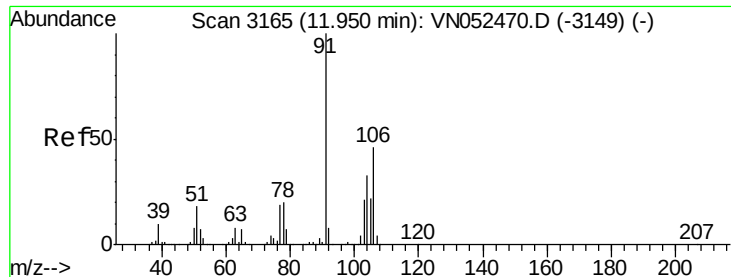
Tot Ion: 91 Resp: 960770
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 38.004 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion: 106 Resp: 715389
Ion Ratio Lower Upper
106 100
91 204.5 163.2 244.8

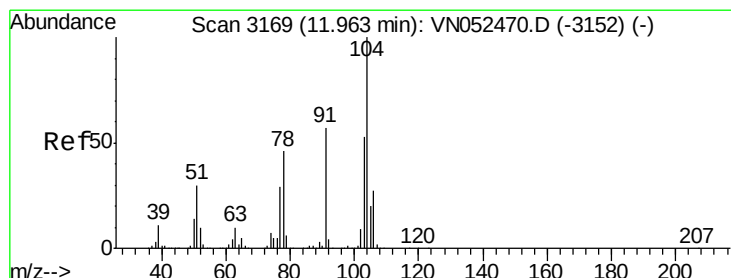
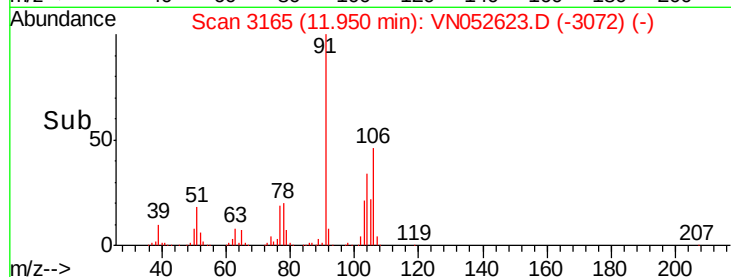
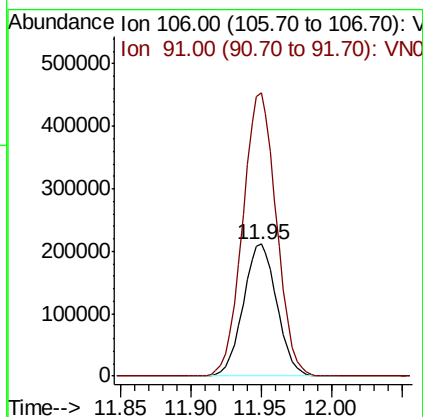
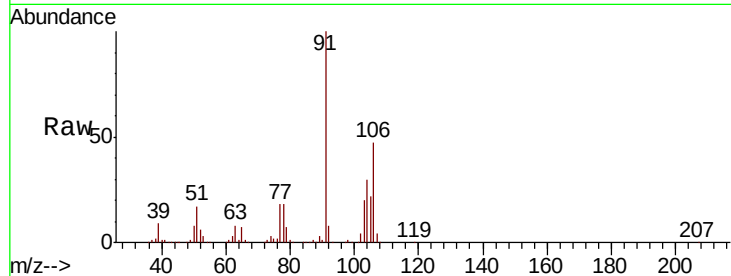




#69
o-Xylene
Concen: 19.333 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

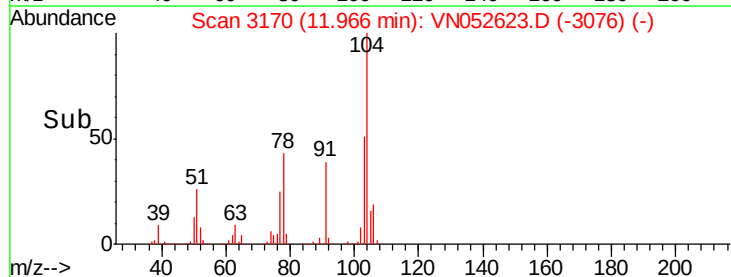
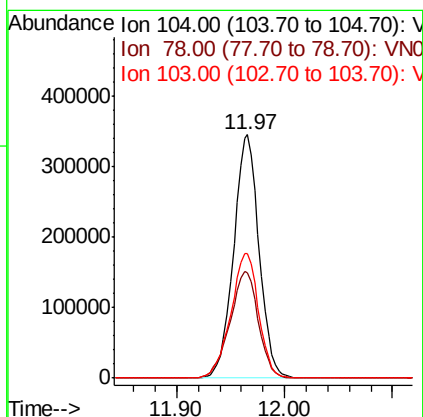
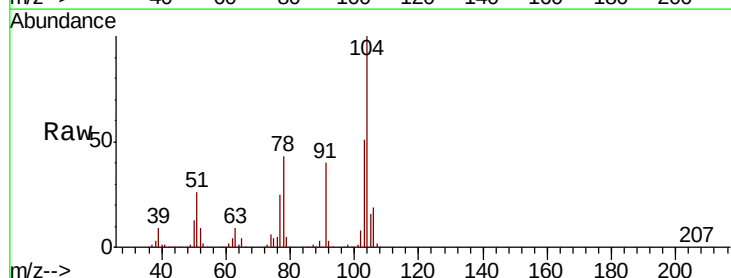
Instrument :
MSVOA_N
ClientSampled :
VN1203WBS01

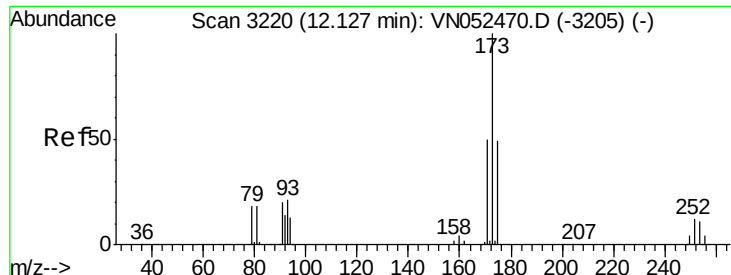
Tot Ion:106 Resp: 353409
Ion Ratio Lower Upper
106 100
91 214.6 107.7 323.1



#70
Styrene
Concen: 19.505 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion:104 Resp: 567904
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.2
103 55.8 44.9 67.3





#71

Bromoform

Concen: 19.830 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

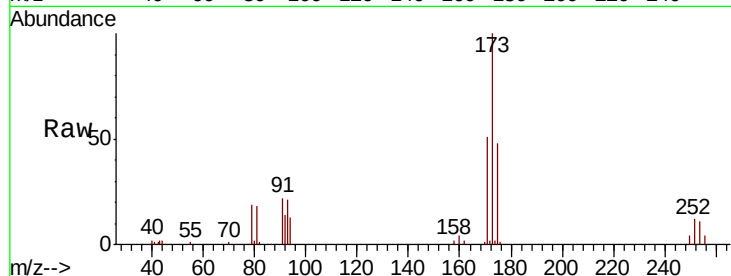
Tot Ion:173 Resp: 131821

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.2

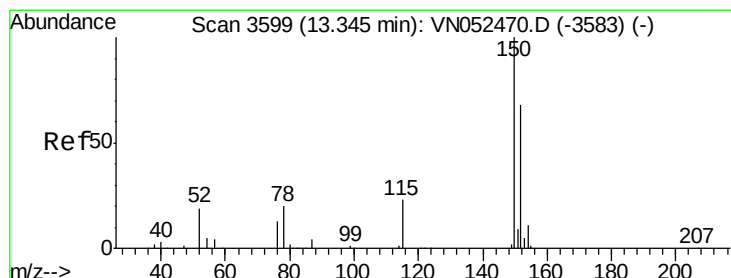
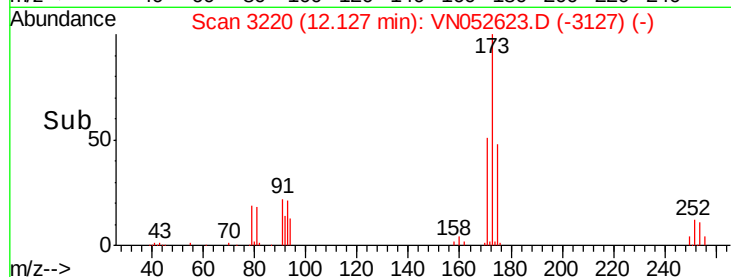
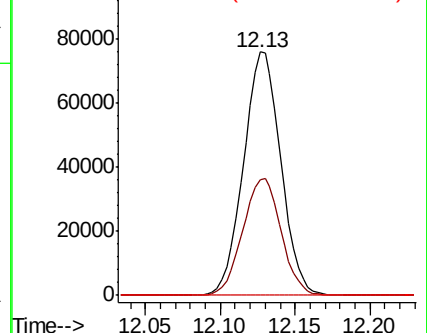
254 0.0 0.1 0.1#



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# 3599

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

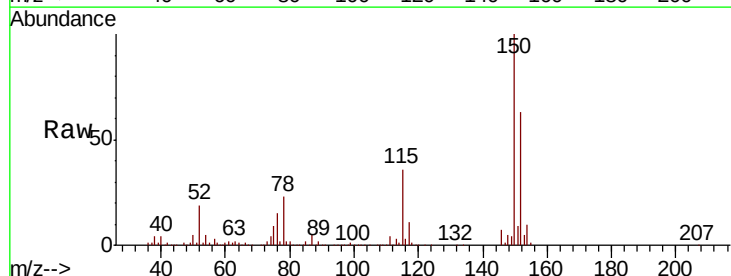
Tgt Ion:152 Resp: 619602

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

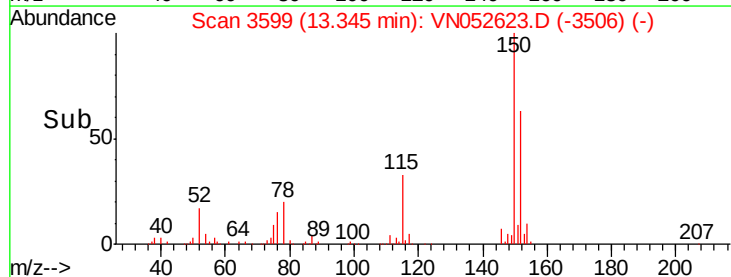
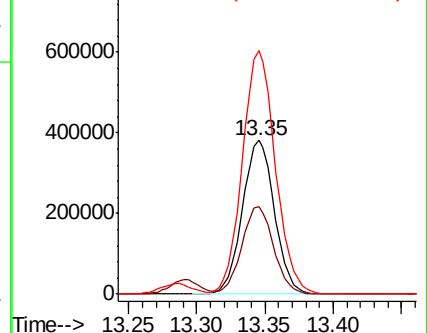
150 163.4 0.0 346.0

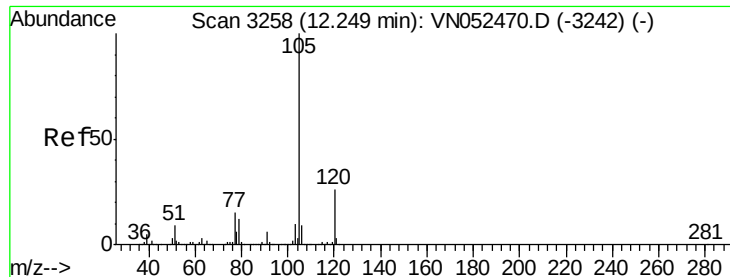


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.220 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

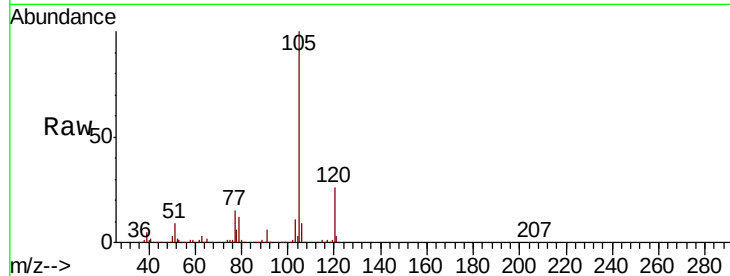
VN1203WBS01

Tot Ion:105 Resp: 934312

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

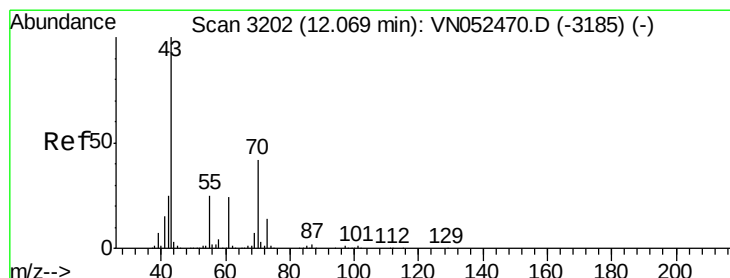
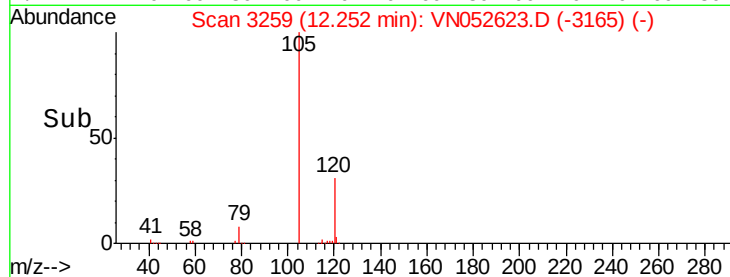
600000

400000

200000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 19.098 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Tgt Ion: 43 Resp: 234551

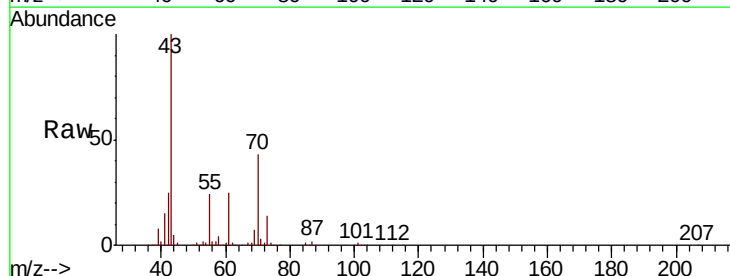
Ion Ratio Lower Upper

43 100

70 42.6 33.8 50.8

55 25.1 20.0 30.0

61 24.6 19.7 29.5



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

200000

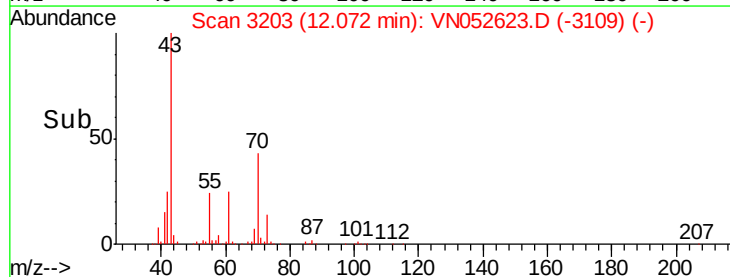
150000

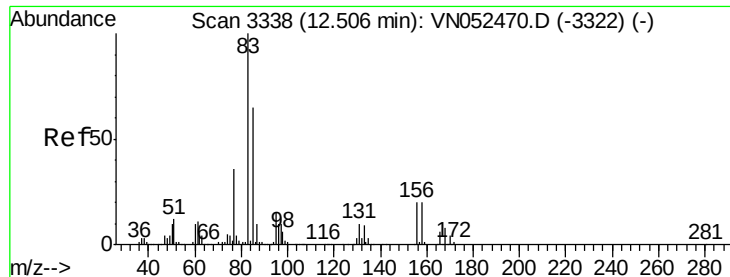
100000

50000

0

Time--> 12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 19.748 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

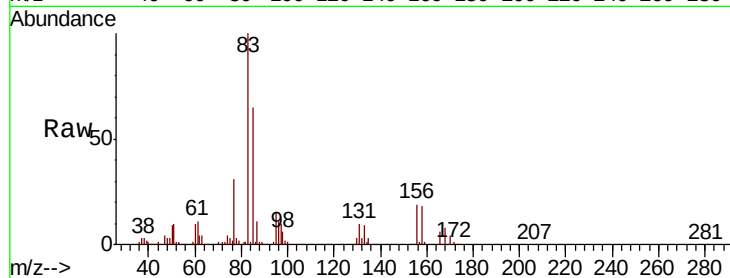
Tot Ion: 83 Resp: 218374

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

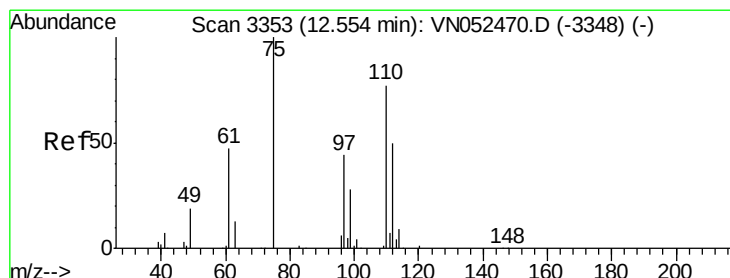
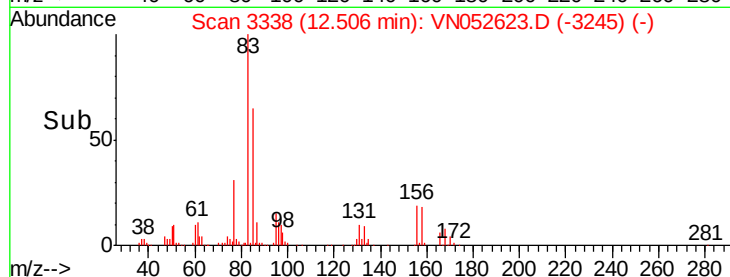
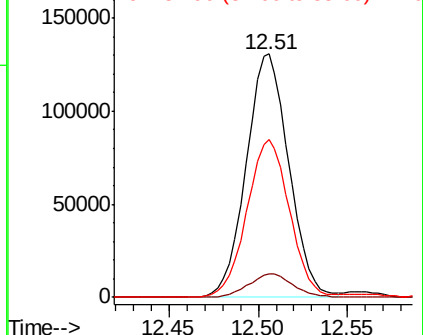
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN052470.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN052470.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN052470.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 27.760 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052623.D

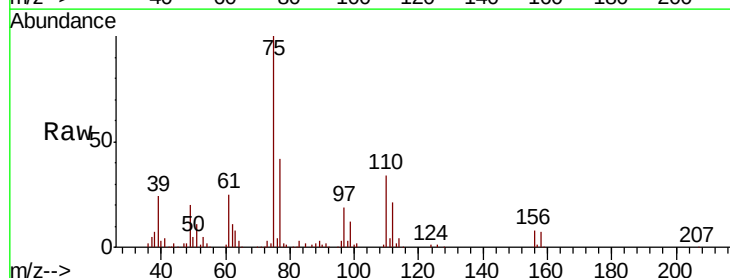
Acq: 3 Dec 2018 11:21

Tgt Ion: 75 Resp: 265239

Ion Ratio Lower Upper

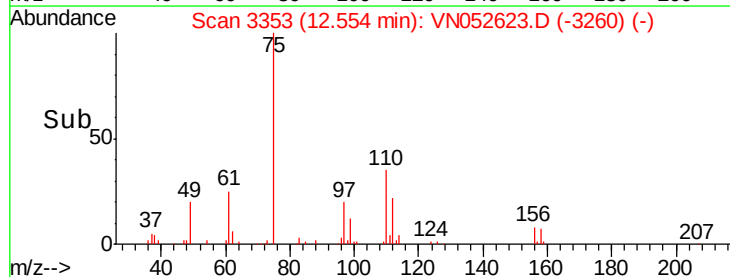
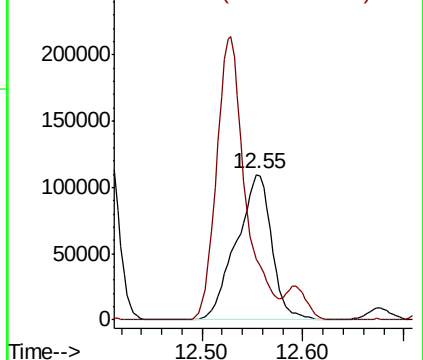
75 100

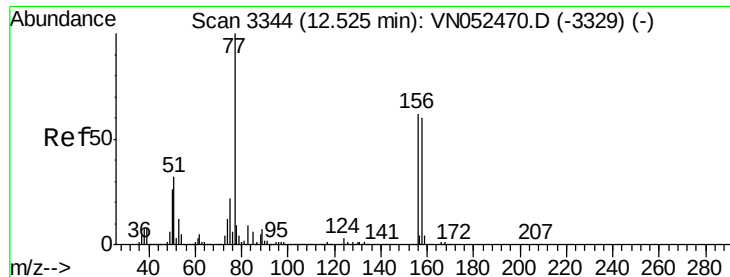
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052470.D (-3348) (-)





#77

Bromobenzene

Concen: 19.487 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

VN1203WBS01

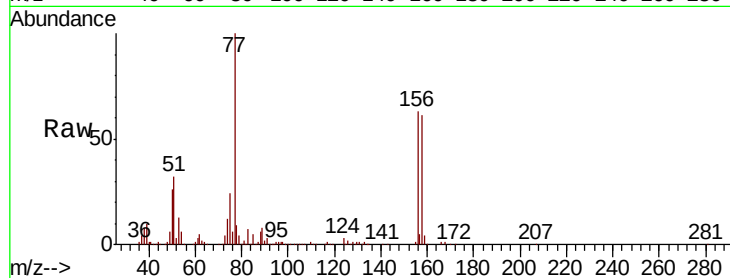
Tot Ion:156 Resp: 234143

Ion Ratio Lower Upper

156 100

77 181.9 93.5 280.4

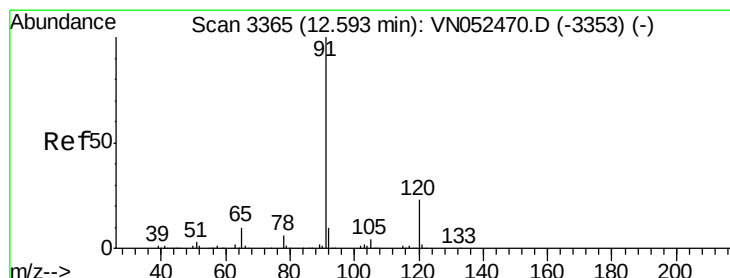
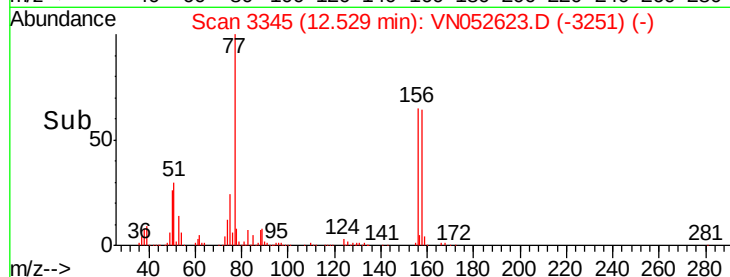
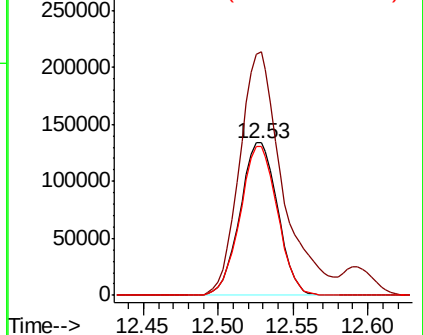
158 96.8 48.3 144.9



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: 19.054 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052623.D

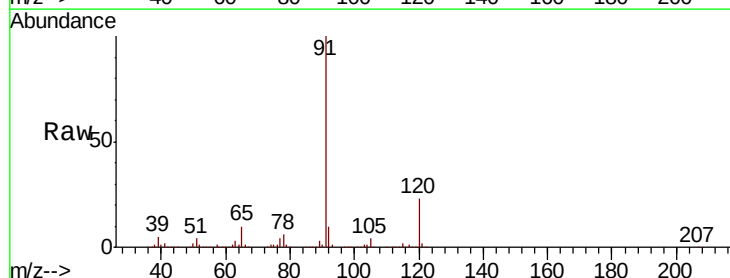
Acq: 3 Dec 2018 11:21

Tgt Ion: 91 Resp: 1052272

Ion Ratio Lower Upper

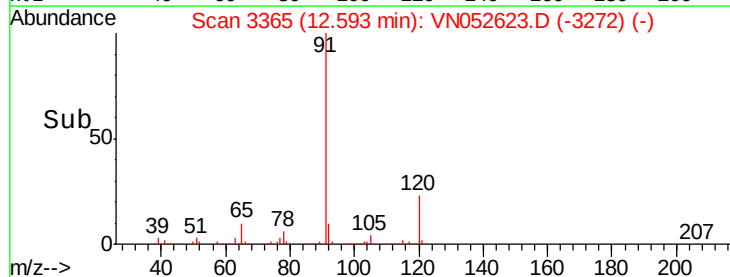
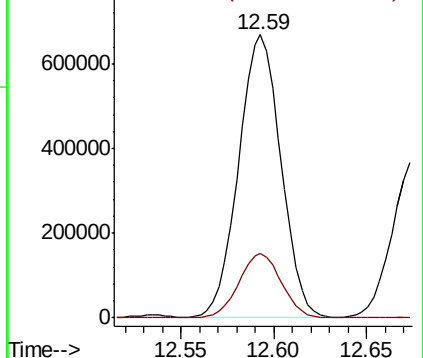
91 100

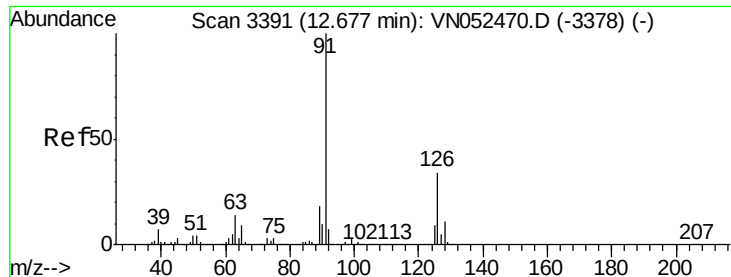
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.066 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

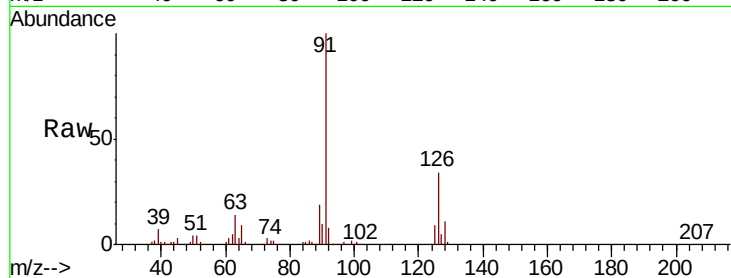
VN1203WBS01

Tot Ion: 91 Resp: 627009

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052470.D (-3378) (-)

600000

400000

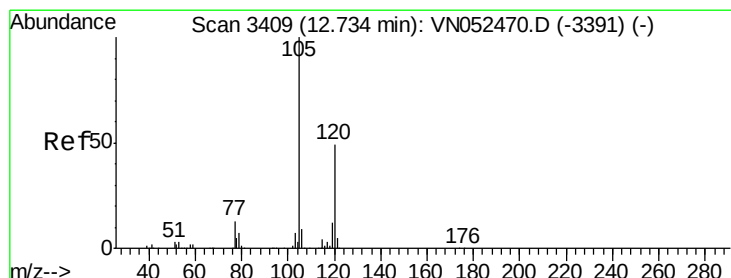
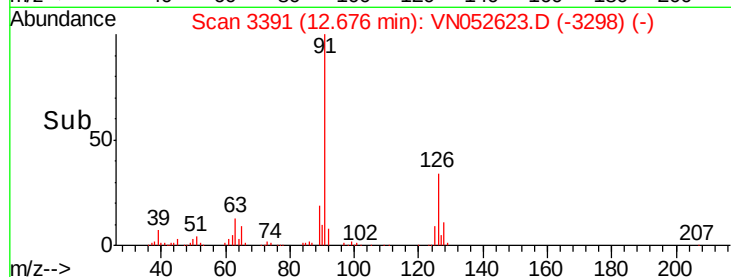
200000

0

12.68

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.502 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052623.D

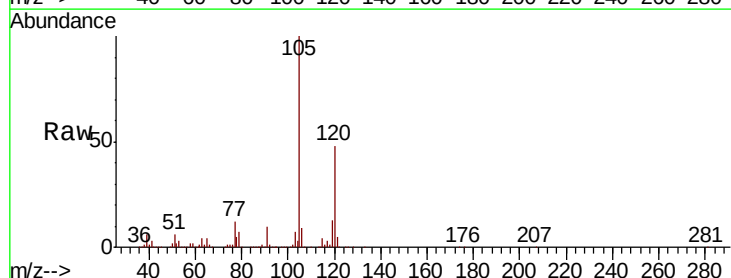
Acq: 3 Dec 2018 11:21

Tgt Ion: 105 Resp: 756070

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3391) (-)

500000

400000

300000

200000

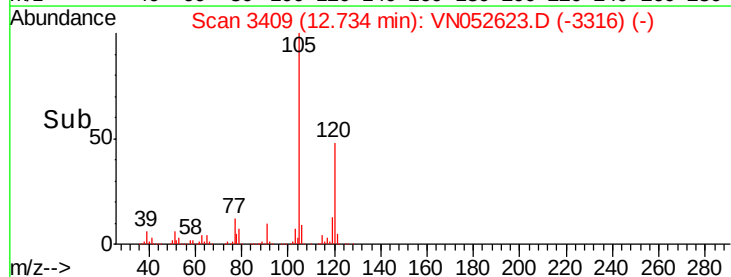
100000

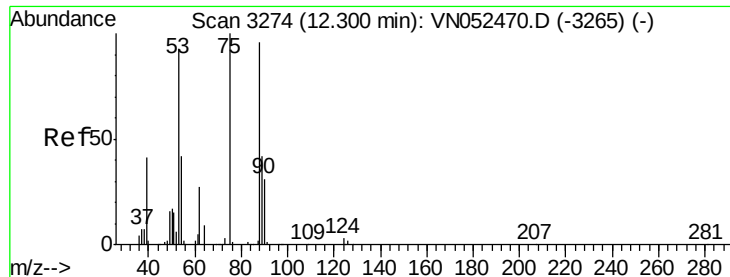
0

12.73

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.667 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

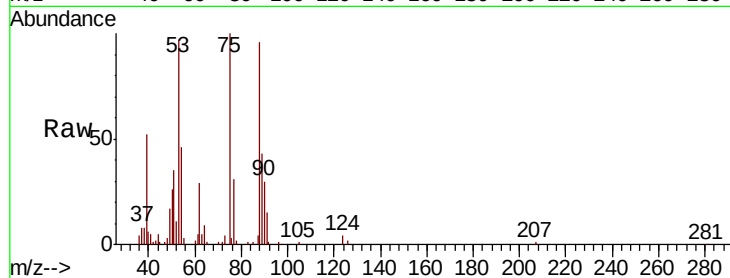
Tot Ion: 75 Resp: 56268

Ion Ratio Lower Upper

75 100

53 99.0 77.4 116.0

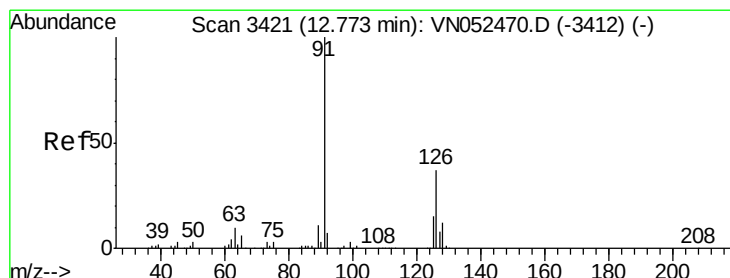
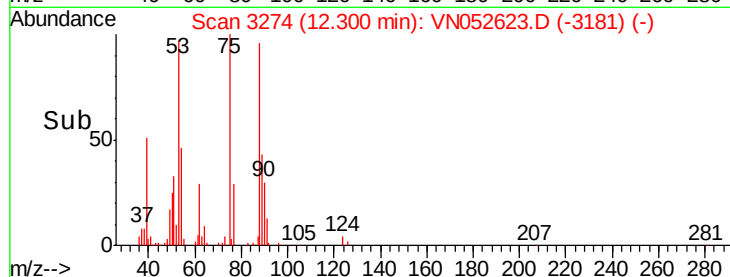
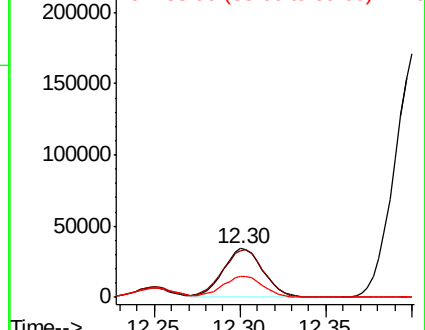
89 43.6 35.4 53.2



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: 18.646 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN052623.D

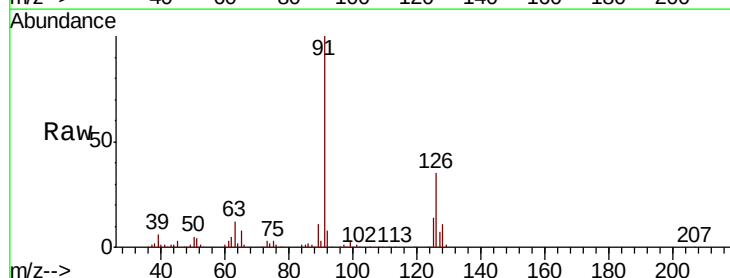
Acq: 3 Dec 2018 11:21

Tgt Ion: 91 Resp: 618013

Ion Ratio Lower Upper

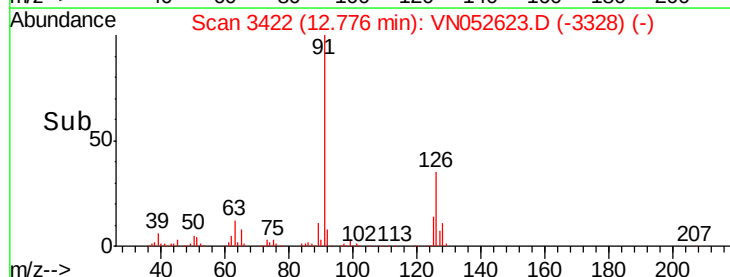
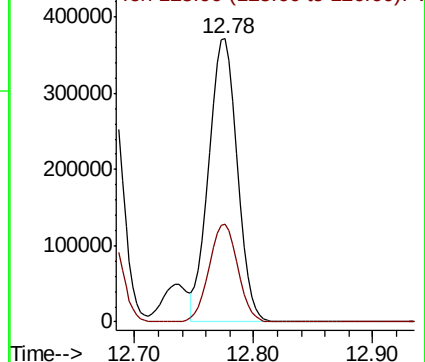
91 100

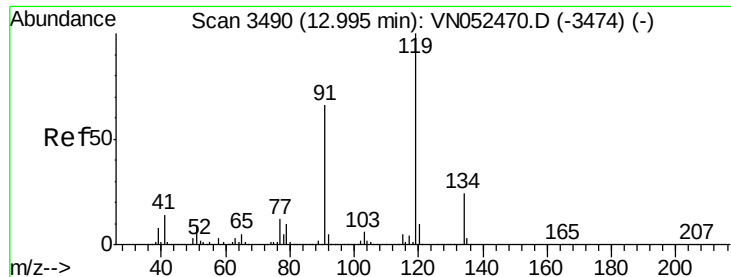
126 34.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

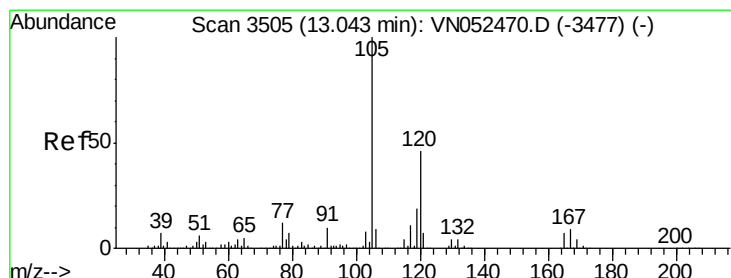
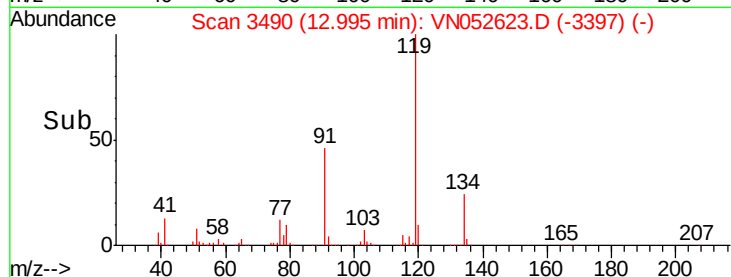
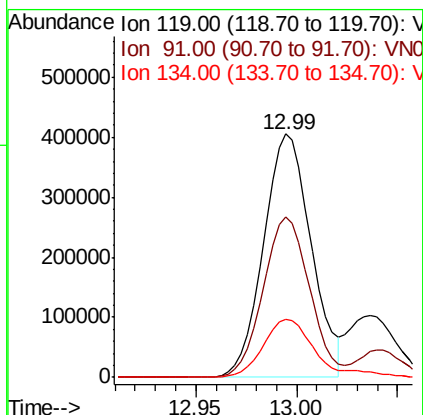
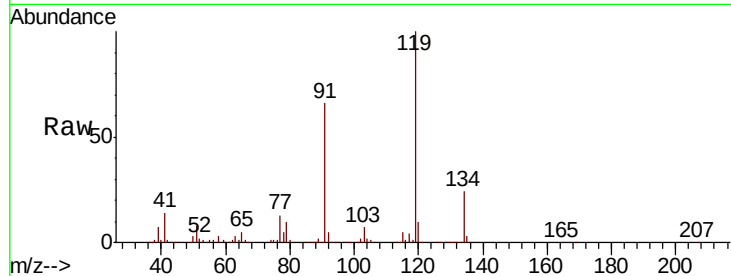




#83
 tert-Butylbenzene
 Concen: 19.255 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

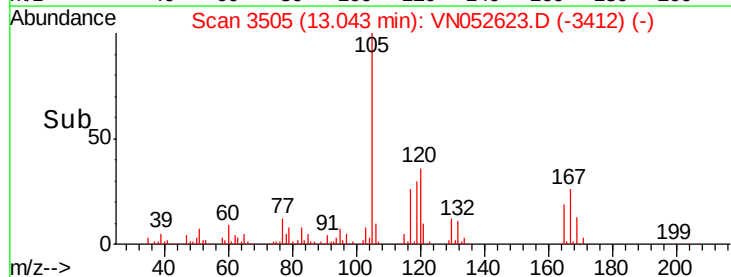
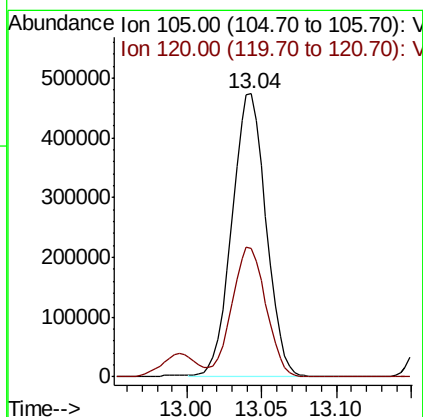
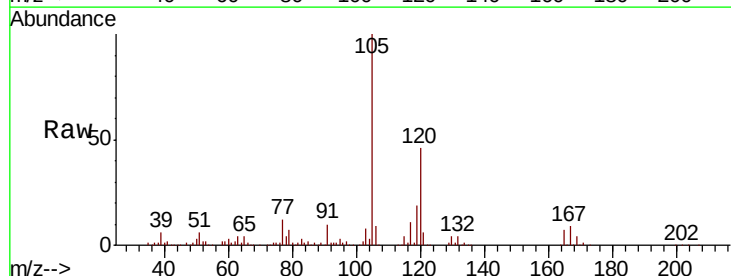
Instrument :
 MSVOA_N
 ClientSampled :
 VN1203WBS01

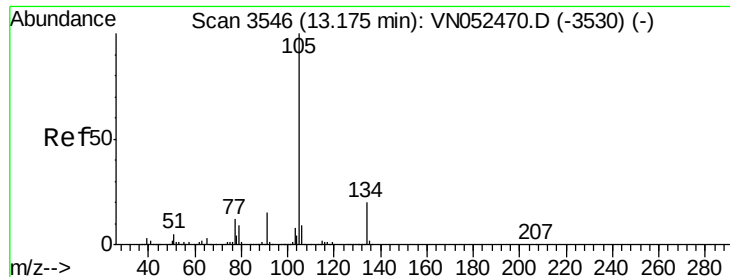
Tot Ion:119 Resp: 665526
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.9
 134 26.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.369 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion:105 Resp: 752551
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.042 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampleId :

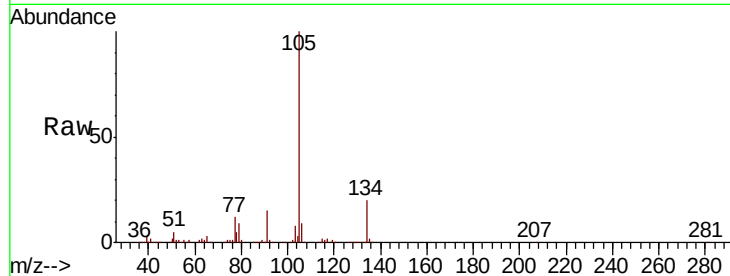
VN1203WBS01

Tot Ion:105 Resp: 896430

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

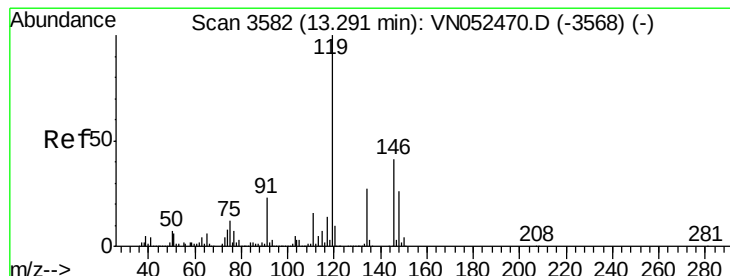
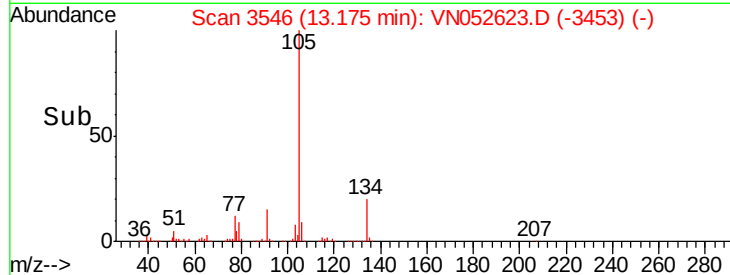
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.224 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

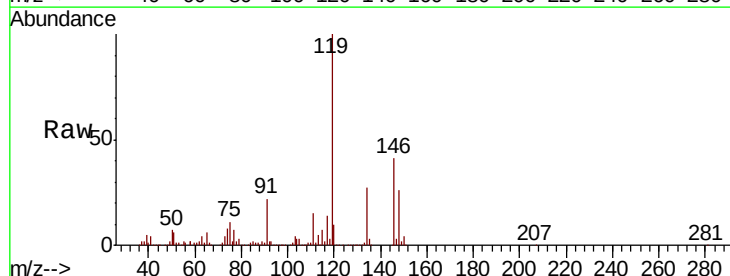
Tgt Ion:119 Resp: 770833

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

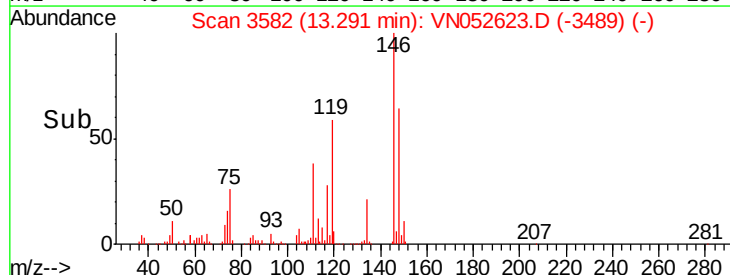
600000

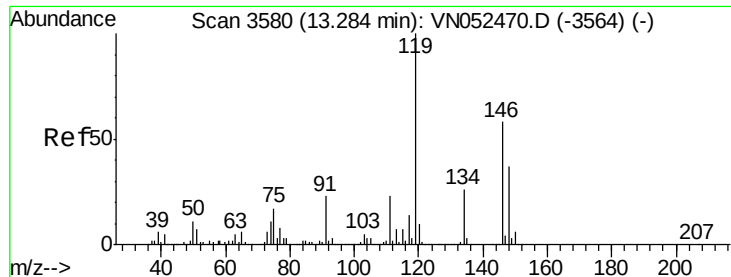
400000

200000

0

Time-->

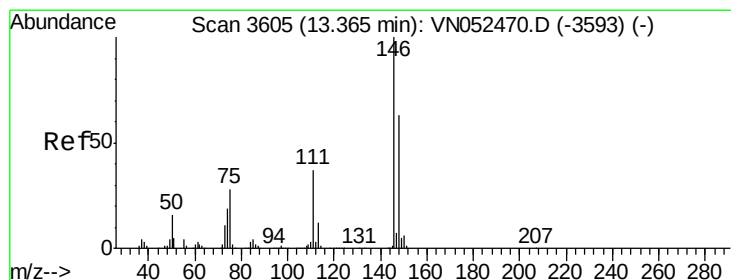
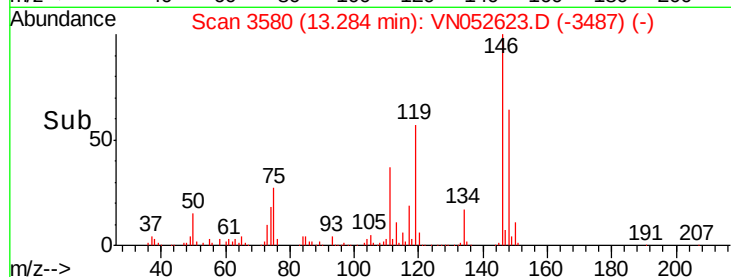
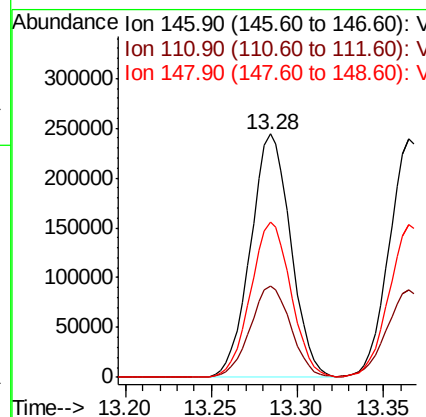
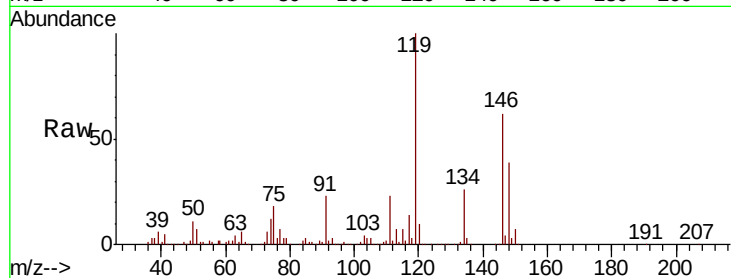




#87
 1,3-Dichlorobenzene
 Concen: 18.797 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

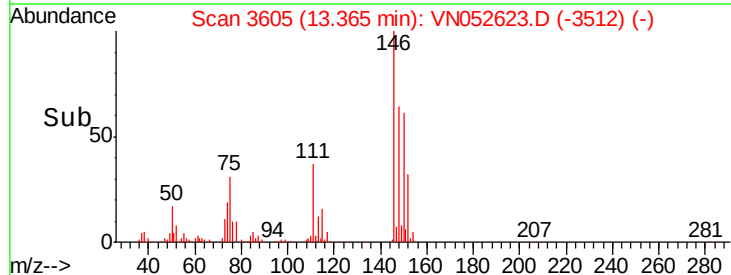
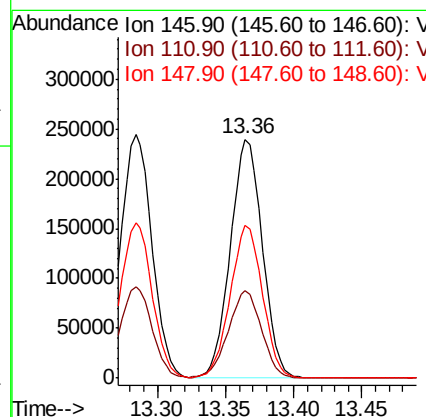
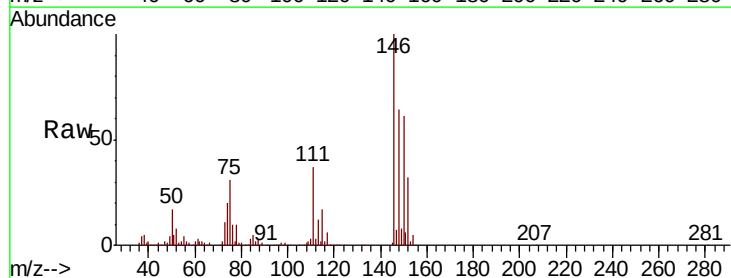
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

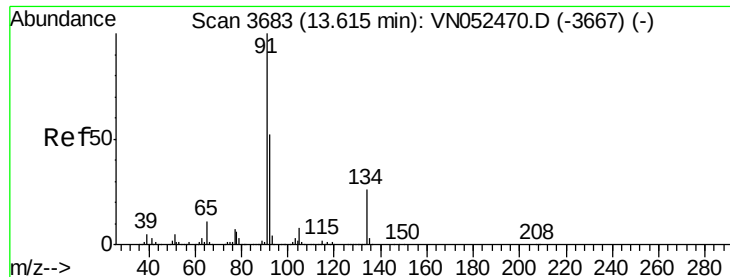
Tot Ion:146 Resp: 395067
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.4
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion:146 Resp: 391425
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 18.549 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052623.D

Acq: 3 Dec 2018 11:21

Instrument :

MSVOA_N

ClientSampled :

VN1203WBS01

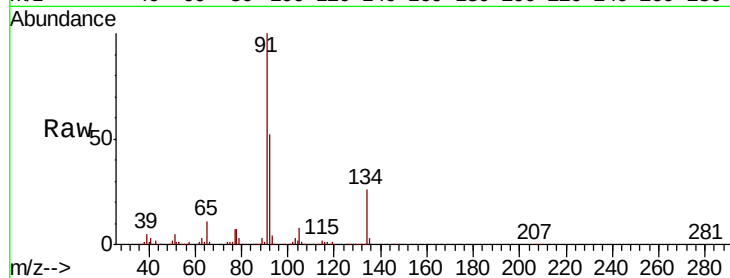
Tot Ion: 91 Resp: 618539

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

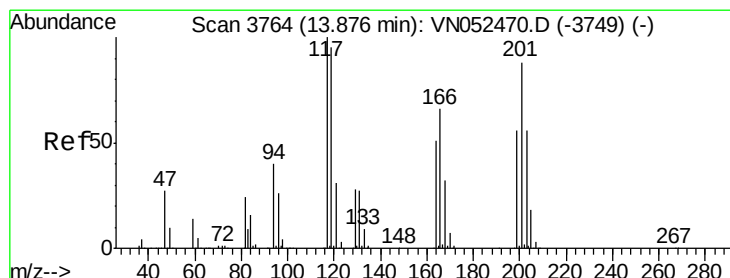
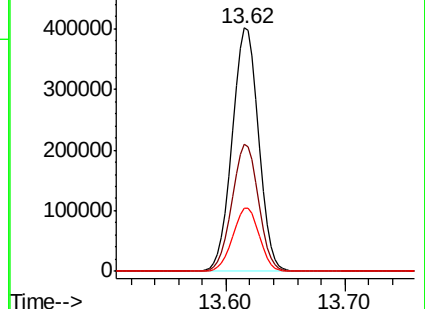
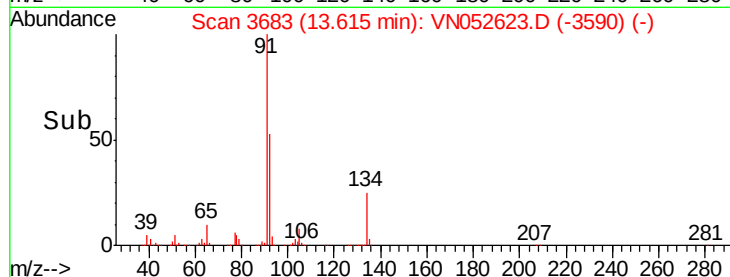
134 26.1 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.083 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052623.D

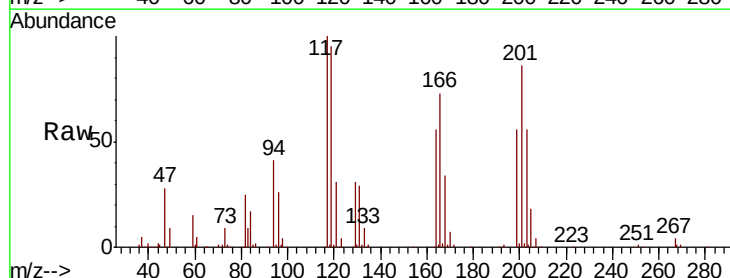
Acq: 3 Dec 2018 11:21

Tgt Ion: 117 Resp: 129561

Ion Ratio Lower Upper

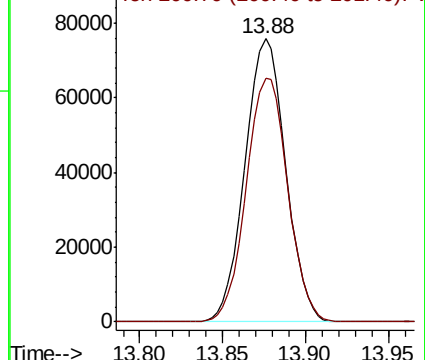
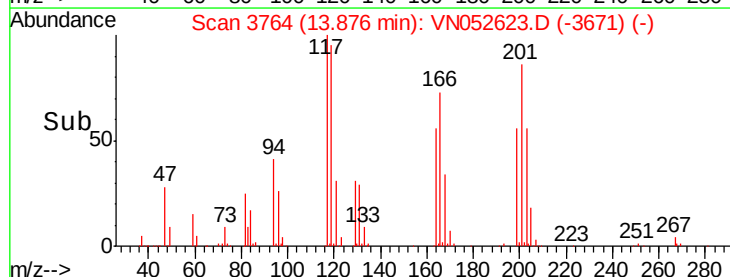
117 100

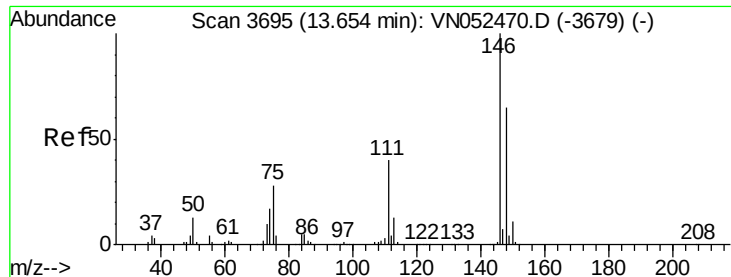
201 87.7 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)

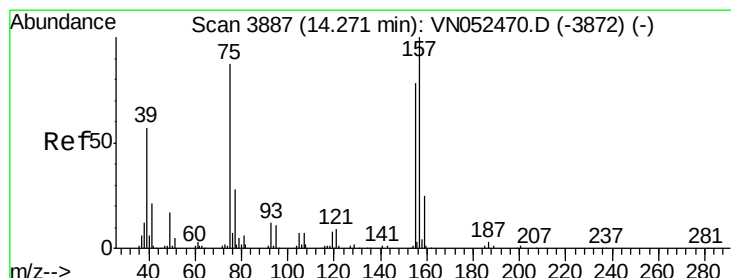
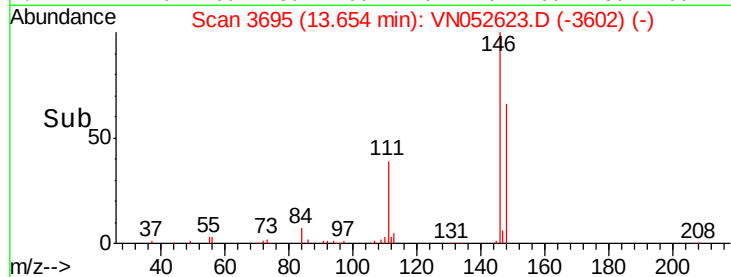
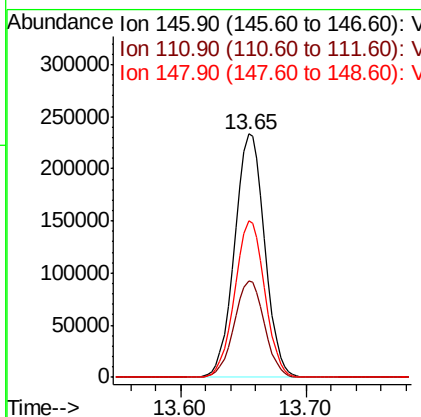
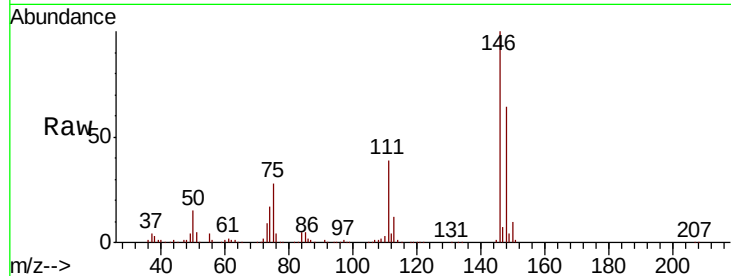




#91
 1,2-Dichlorobenzene
 Concen: 19.353 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

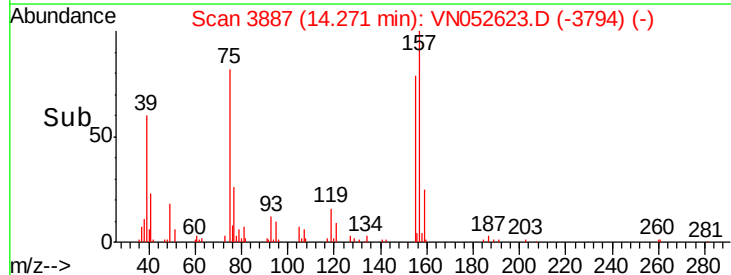
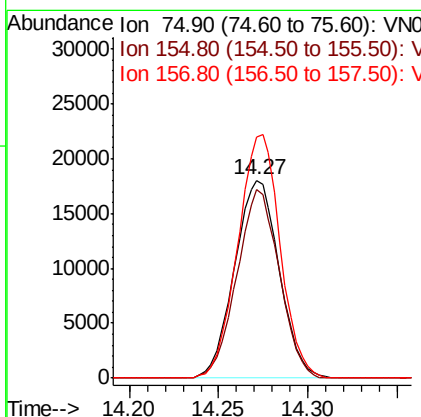
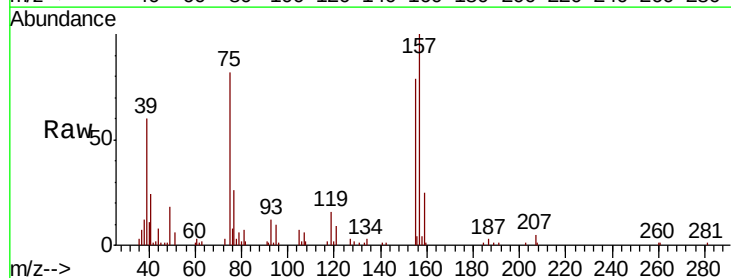
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

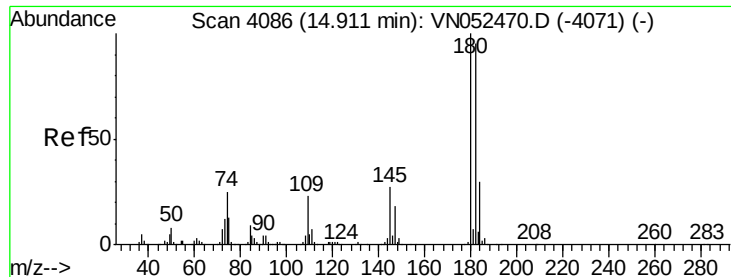
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.0	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.783 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	45.3	135.9
157	117.3	58.1	174.2

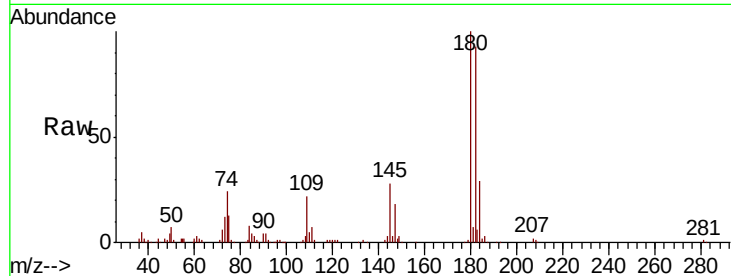




#93
 1,2,4-Trichlorobenzene
 Concen: 18.656 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	28.5	14.1	42.3

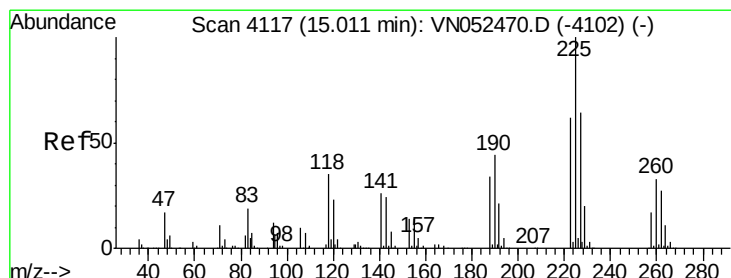
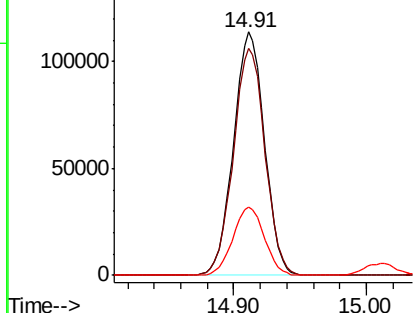
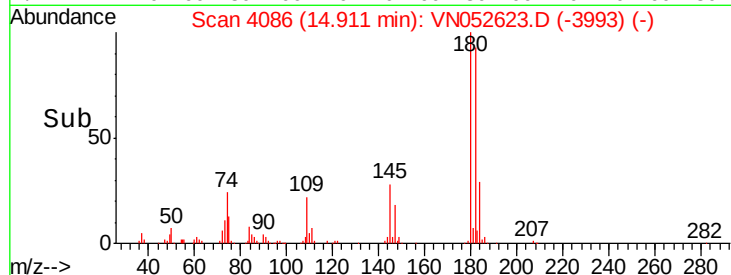


Abundance

Ion 179.80 (179.50 to 180.50): V

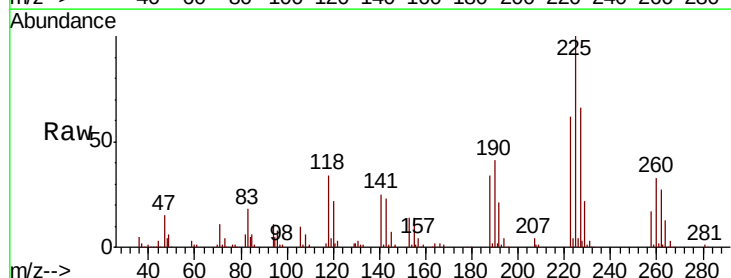
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.586 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052623.D
 Acq: 3 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.2
227	65.0	32.5	97.4

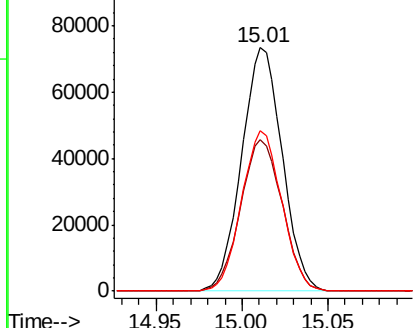
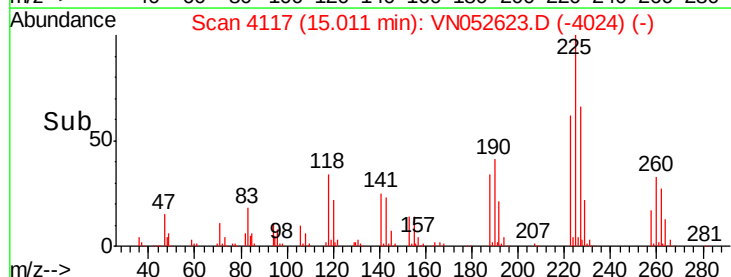


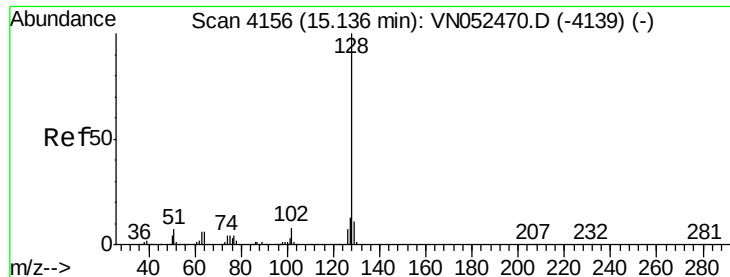
Abundance

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

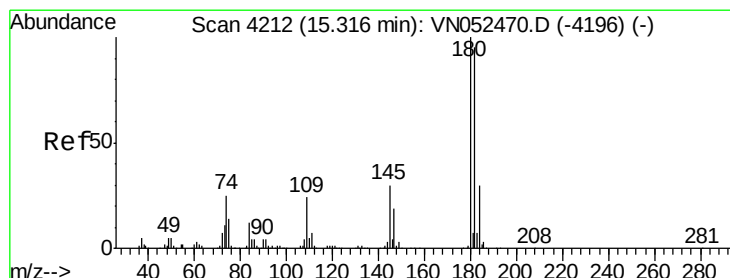
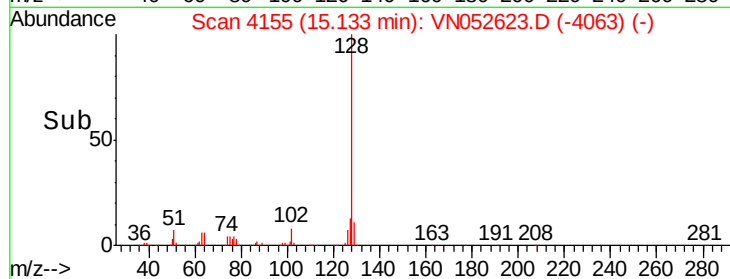
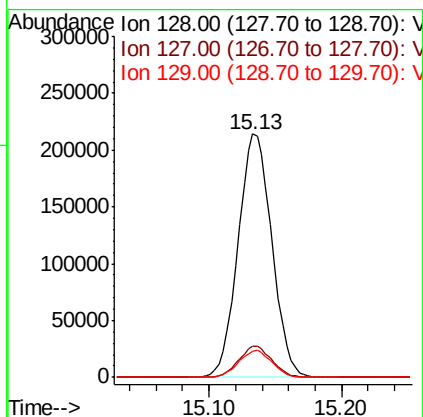
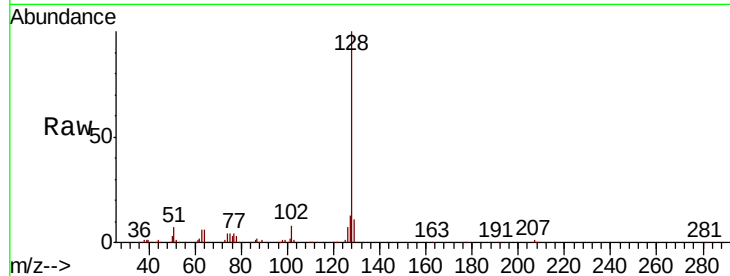




#95
Naphthalene
Concen: 18.533 ug/l
RT: 15.13 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tot Ion:128 Resp: 378290
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.166 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052623.D
Acq: 3 Dec 2018 11:21

Tgt Ion:180 Resp: 175849
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 30.0 15.2 45.5

