

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052558.D
 Acq On : 29 Nov 2018 12:12
 Operator : MD\SY
 Sample : VN1126MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

Quant Time: Nov 30 00:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1112715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1731061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1508858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	669629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	586094	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.59	113	532134	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.09	98	2043445	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	684572	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	186096	17.862	ug/l 98
3) Chloromethane	2.06	50	237786	17.290	ug/l 97
4) Vinyl Chloride	2.19	62	256592	18.163	ug/l 100
5) Bromomethane	2.58	94	148129	16.805	ug/l 97
6) Chloroethane	2.71	64	154449	18.049	ug/l 99
7) Trichlorofluoromethane	3.02	101	326538	18.817	ug/l 99
8) Diethyl Ether	3.41	74	120094	18.740	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.77	101	202515	18.702	ug/l 98
10) Methyl Iodide	3.96	142	273936	18.994	ug/l 98
11) Tert butyl alcohol	4.78	59	50396	83.089	ug/l 96
12) 1,1-Dichloroethene	3.74	96	194230	18.634	ug/l 98
13) Acrolein	3.61	56	74427	94.064	ug/l 99
14) Allyl chloride	4.33	41	324926	18.087	ug/l 97
15) Acrylonitrile	4.99	53	339162	88.337	ug/l 99
16) Acetone	3.82	43	249076	77.944	ug/l 98
17) Carbon Disulfide	4.06	76	536654	16.361	ug/l 100
18) Methyl Acetate	4.33	43	161458	17.614	ug/l 98
19) Methyl tert-butyl Ether	5.05	73	523972	18.894	ug/l 100
20) Methylene Chloride	4.55	84	222191	17.768	ug/l 99
21) trans-1,2-Dichloroethene	5.05	96	210250	18.887	ug/l 94
22) Diisopropyl ether	5.95	45	698037	18.498	ug/l 98
23) Vinyl Acetate	5.90	43	2110372	89.790	ug/l 99
24) 1,1-Dichloroethane	5.85	63	400521	18.590	ug/l 99
25) 2-Butanone	6.84	43	381681	84.268	ug/l 98
26) 2,2-Dichloropropane	6.83	77	281660	18.887	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	243546	18.781	ug/l 99
28) Bromochloromethane	7.20	49	189973	19.305	ug/l 92
29) Tetrahydrofuran	7.21	42	248457	85.046	ug/l 98
30) Chloroform	7.37	83	395593	18.403	ug/l 99
31) Cyclohexane	7.66	56	381394	18.056	ug/l 92
32) 1,1,1-Trichloroethane	7.57	97	324147	19.033	ug/l 99
36) 1,1-Dichloropropene	7.80	75	306681	18.761	ug/l 99
37) Ethyl Acetate	6.93	43	167968	16.837	ug/l 99
38) Carbon Tetrachloride	7.78	117	273380	18.474	ug/l 100

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 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
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Quant Time: Nov 30 00:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	367289	18.486	ug/l	98
40) Benzene	8.04	78	918697	18.858	ug/l	99
41) Methacrylonitrile	7.17	41	103422	18.962	ug/l	91
42) 1,2-Dichloroethane	8.13	62	277937	18.842	ug/l	100
43) Isopropyl Acetate	8.16	43	308941	18.299	ug/l #	87
44) Trichloroethene	8.84	130	238521	19.114	ug/l	97
45) 1,2-Dichloropropane	9.12	63	241959	18.681	ug/l	100
46) Dibromomethane	9.21	93	134890	18.813	ug/l	97
47) Bromodichloromethane	9.40	83	287841	18.465	ug/l	98
48) Methyl methacrylate	9.20	41	156394	17.765	ug/l	98
49) 1,4-Dioxane	9.20	88	33919	371.254	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	843381	89.034	ug/l	99
52) Toluene	10.16	92	564342	19.497	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	272951	18.201	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	335358	18.660	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	194989	19.151	ug/l	99
56) Ethyl methacrylate	10.43	69	238975	18.686	ug/l	99
57) 1,3-Dichloropropane	10.71	76	333426	18.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	687441	93.049	ug/l	98
59) 2-Hexanone	10.75	43	560816	88.213	ug/l	99
60) Dibromochloromethane	10.90	129	203230	18.378	ug/l	100
61) 1,2-Dibromoethane	11.01	107	187868	18.578	ug/l	100
64) Tetrachloroethene	10.63	164	229433	19.612	ug/l	98
65) Chlorobenzene	11.44	112	604765	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	204849	18.936	ug/l	99
67) Ethyl Benzene	11.51	91	1062010	19.492	ug/l	100
68) m/p-Xylenes	11.62	106	800483	39.466	ug/l	100
69) o-Xylene	11.95	106	396363	20.124	ug/l	98
70) Styrene	11.97	104	624017	19.891	ug/l	100
71) Bromoform	12.13	173	130719	18.250	ug/l #	100
73) Isopropylbenzene	12.25	105	1039118	19.779	ug/l	99
74) N-amyl acetate	12.07	43	245063	18.464	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	219994	18.408	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	269665	26.115	ug/l #	100
77) Bromobenzene	12.53	156	256316	19.739	ug/l	97
78) n-propylbenzene	12.59	91	1170413	19.610	ug/l	99
79) 2-Chlorotoluene	12.68	91	692770	19.492	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	832813	19.876	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51380	16.617	ug/l	92
82) 4-Chlorotoluene	12.77	91	685229	19.130	ug/l	99
83) tert-Butylbenzene	12.99	119	737004	19.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	842507	20.064	ug/l	99
85) sec-Butylbenzene	13.17	105	991644	19.491	ug/l	99
86) p-Isopropyltoluene	13.29	119	854193	19.712	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	437290	19.251	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	426777	19.075	ug/l	98
89) n-Butylbenzene	13.62	91	694975	19.284	ug/l	100
90) Hexachloroethane	13.88	117	132207	18.018	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	428572	19.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28847	16.877	ug/l	94

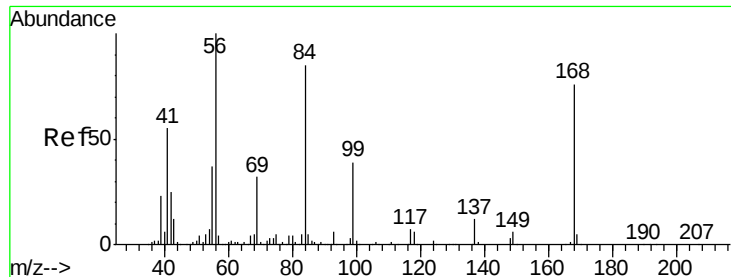
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052558.D
Acq On : 29 Nov 2018 12:12
Operator : MD\SY
Sample : VN1126MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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Instrument :
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Quant Time: Nov 30 00:17:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	204303	19.042	ug/l	99
94) Hexachlorobutadiene	15.01	225	134497	19.265	ug/l	99
95) Naphthalene	15.13	128	412262	18.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	189936	19.156	ug/l	100

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

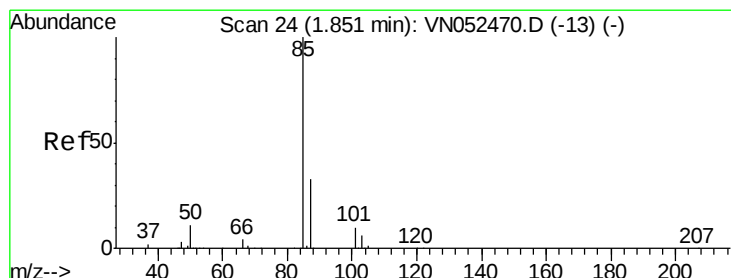
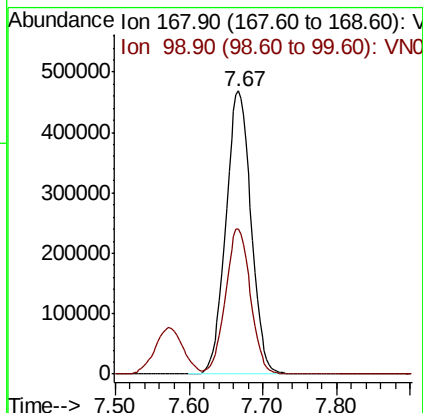
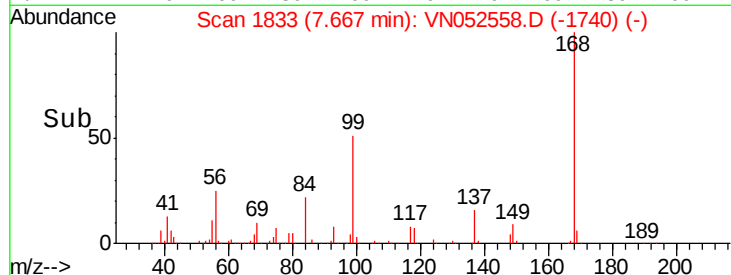
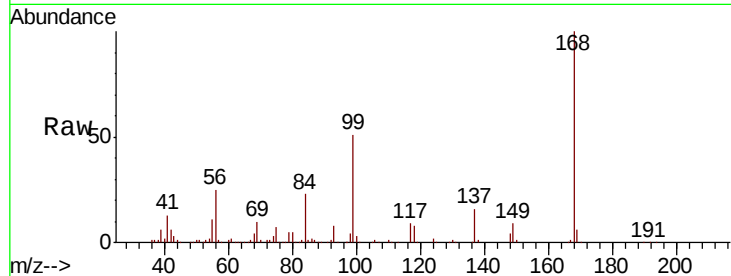


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN1126MBS01

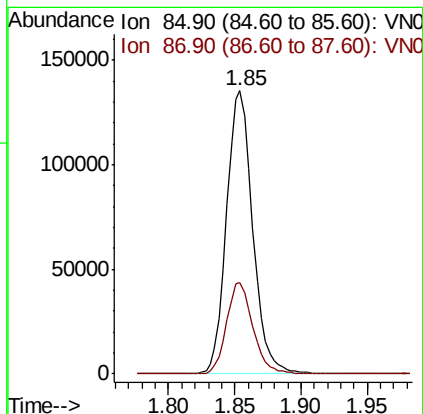
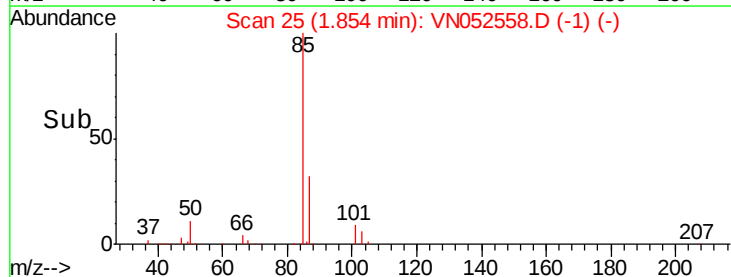
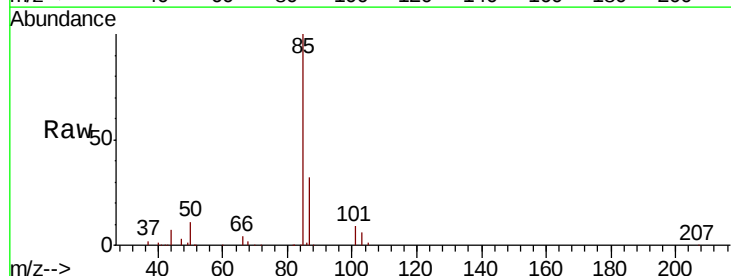
Tot Ion:168 Resp: 1112715
 Ion Ratio Lower Upper
 168 100
 99 51.4 41.7 62.5



#2

Dichlorodifluoromethane
 Concen: 17.862 ug/l
 RT: 1.85 min Scan# 25
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 85 Resp: 186096
 Ion Ratio Lower Upper
 85 100
 87 32.3 16.7 50.1





#3

Chloromethane

Concen: 17.290 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

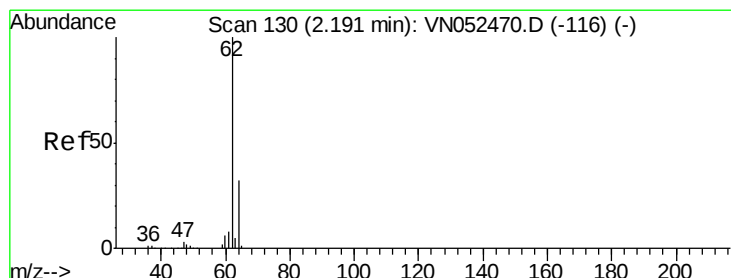
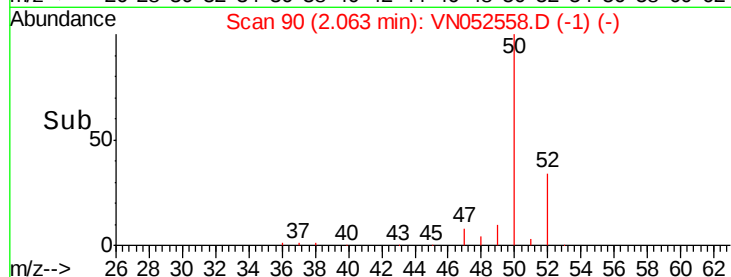
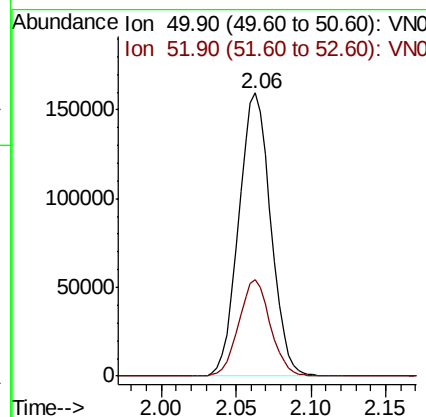
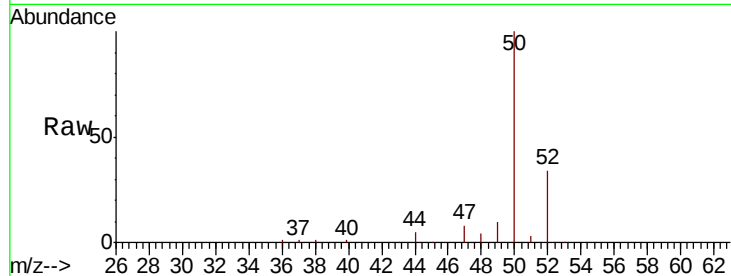
VN1126MBS01

Tot Ion: 50 Resp: 237786

Ion Ratio Lower Upper

50 100

52 34.0 25.9 38.9



#4

Vinyl Chloride

Concen: 18.163 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052558.D

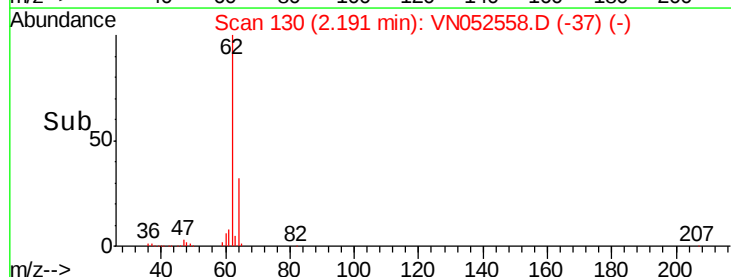
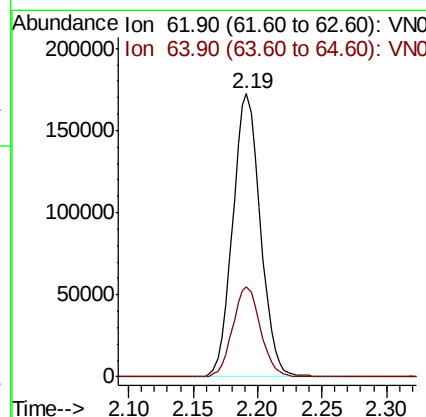
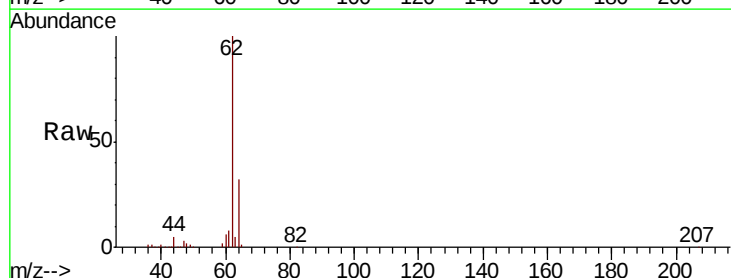
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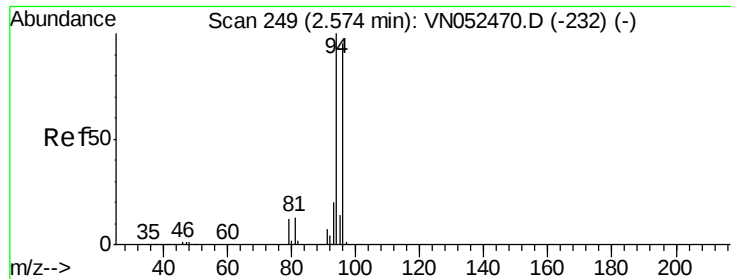
Tgt Ion: 62 Resp: 256592

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 16.805 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

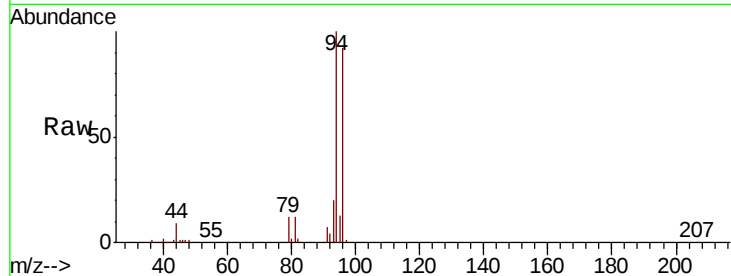
VN1126MBS01

Tot Ion: 94 Resp: 148129

Ion Ratio Lower Upper

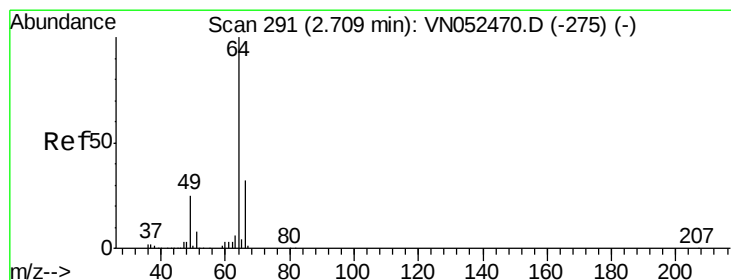
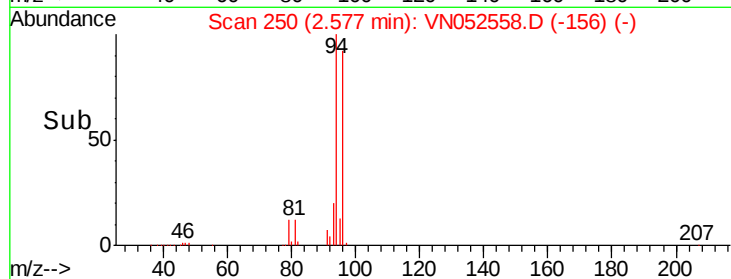
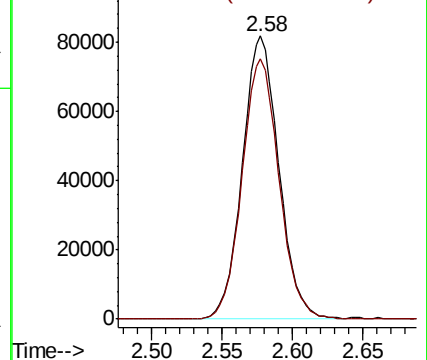
94 100

96 92.0 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: 18.049 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052558.D

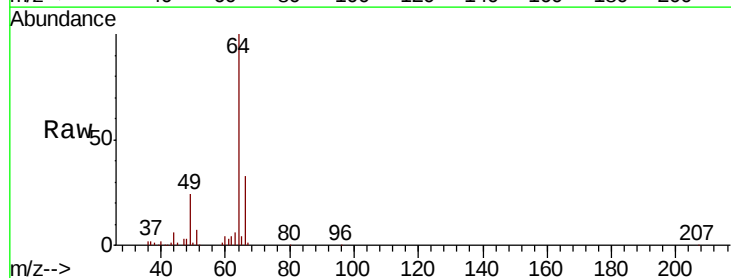
Acq: 29 Nov 2018 12:12

Tgt Ion: 64 Resp: 154449

Ion Ratio Lower Upper

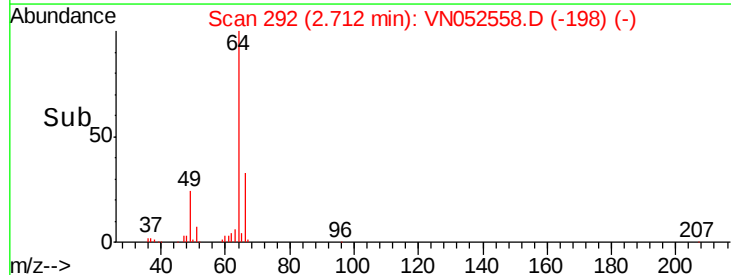
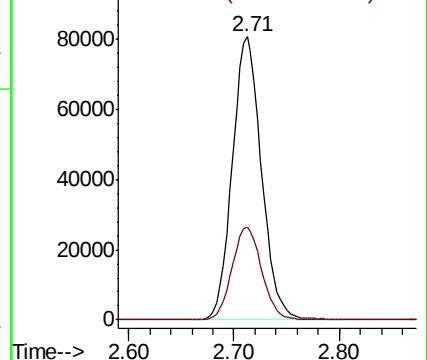
64 100

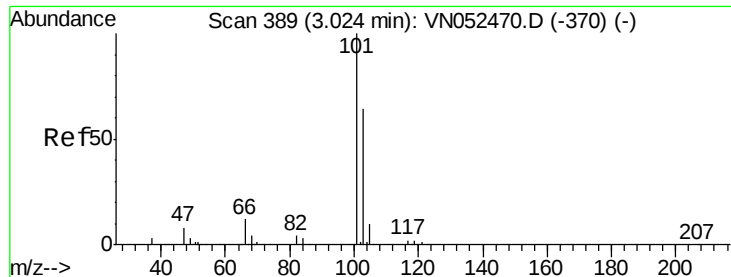
66 32.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



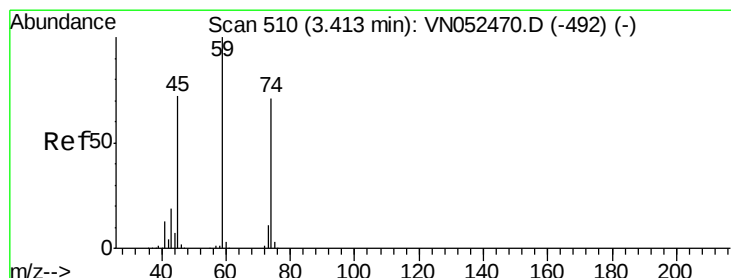
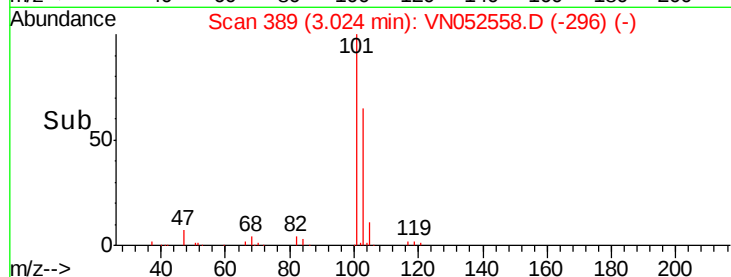
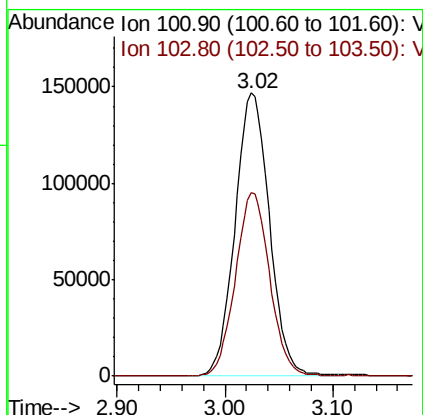
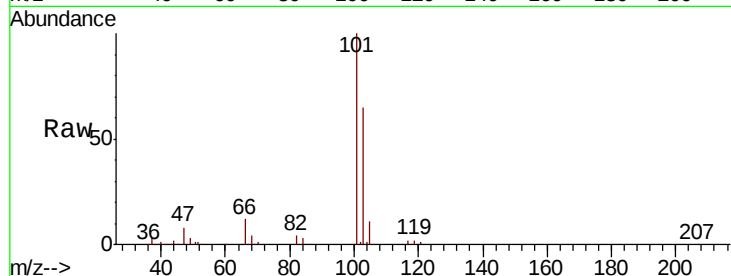


#7

Trichlorofluoromethane
 Concen: 18.817 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

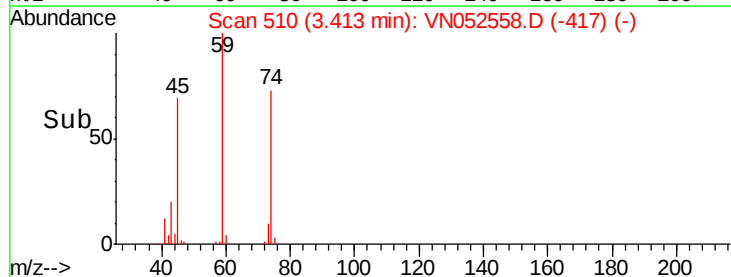
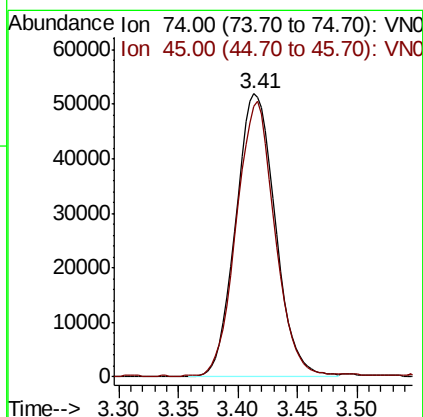
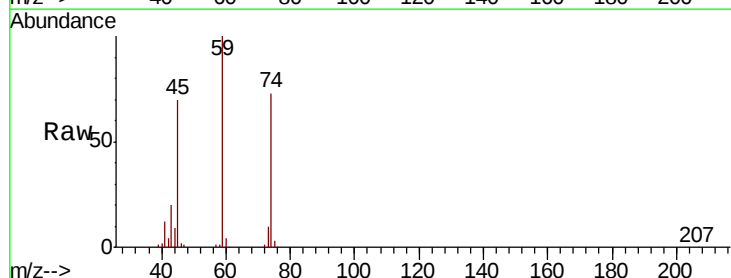
Tot Ion:101 Resp: 326538
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2

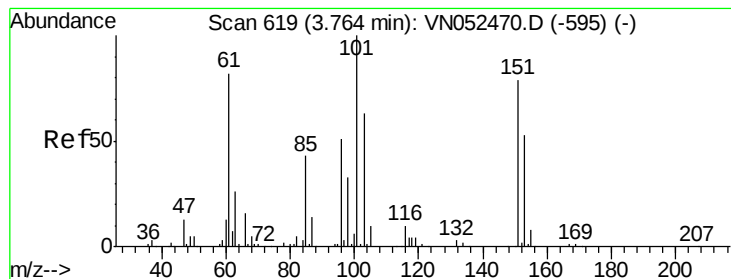


#8

Diethyl Ether
 Concen: 18.740 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 74 Resp: 120094
 Ion Ratio Lower Upper
 74 100
 45 93.1 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.702 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

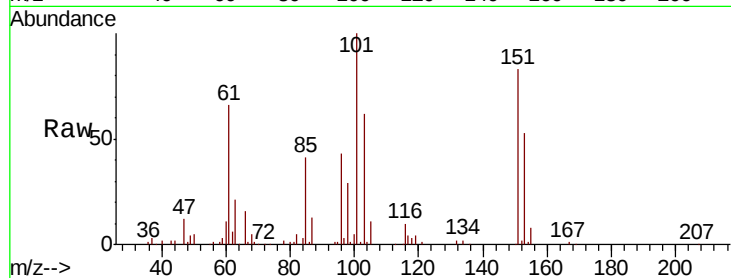
Tot Ion:101 Resp: 202515

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

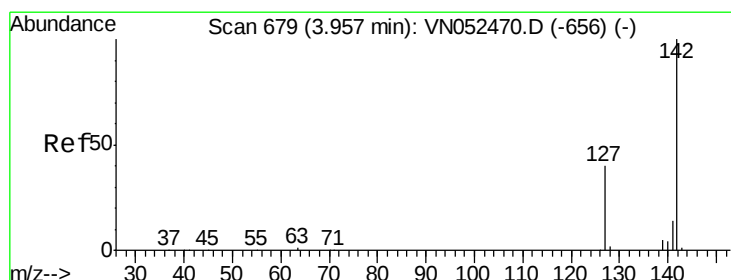
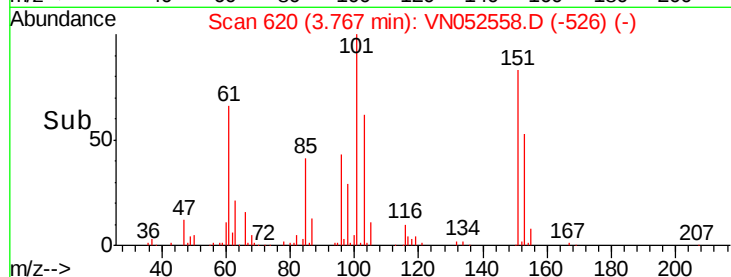
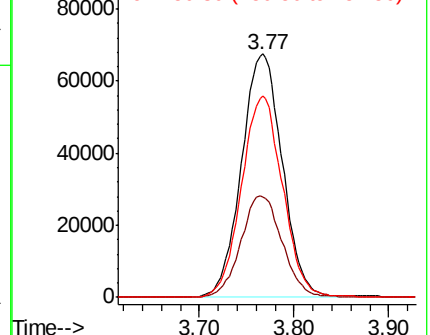
151 83.0 64.6 96.8



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: 18.994 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

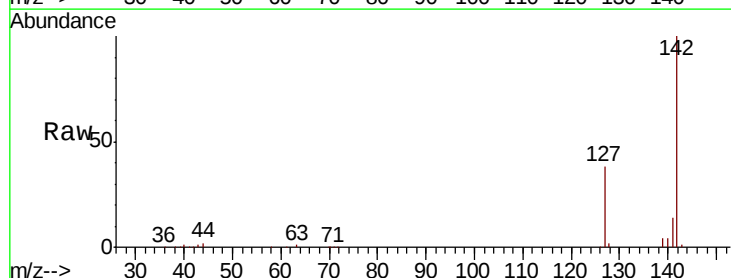
Tgt Ion:142 Resp: 273936

Ion Ratio Lower Upper

142 100

127 38.3 31.8 47.6

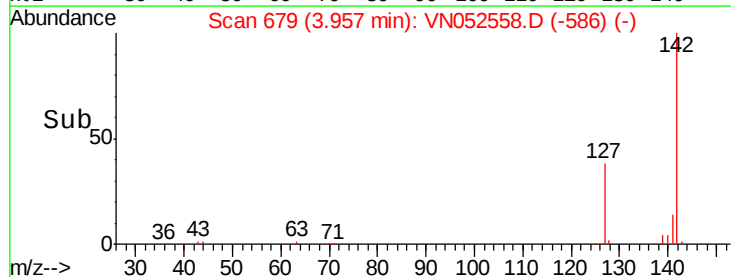
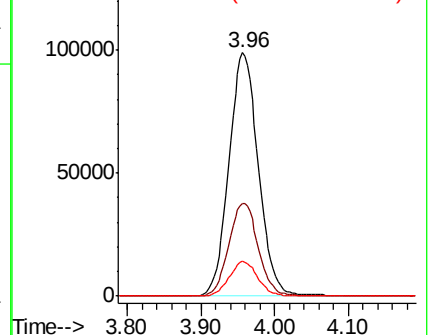
141 13.8 11.4 17.0

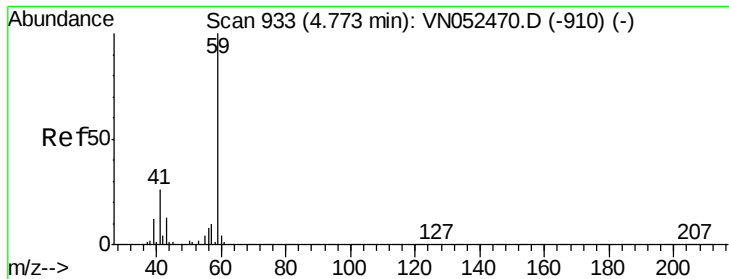


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



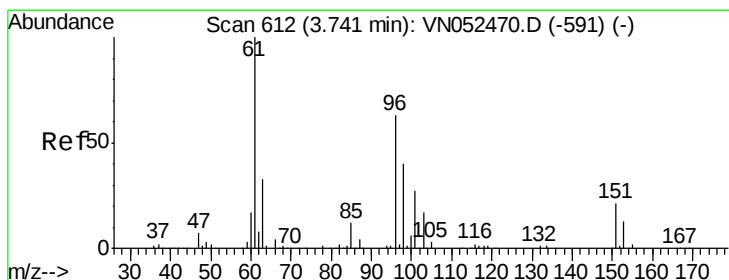
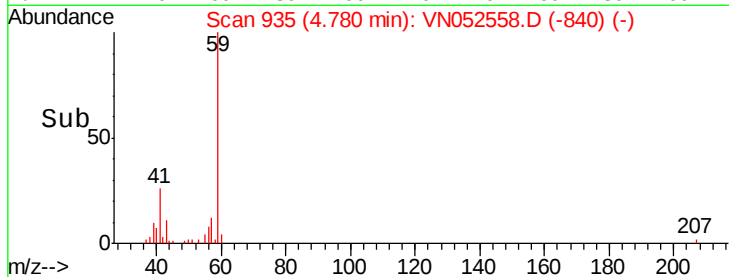
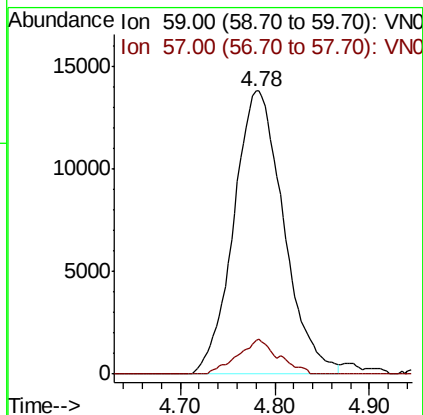
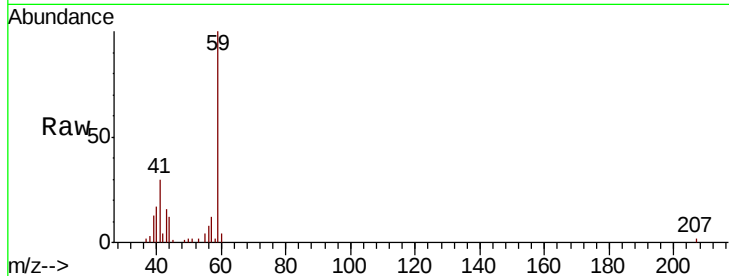


#11

Tert butyl alcohol
 Concen: 83.089 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

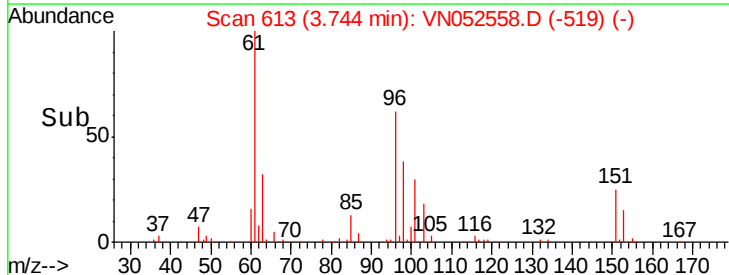
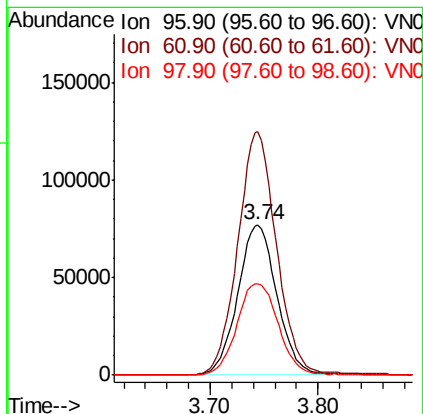
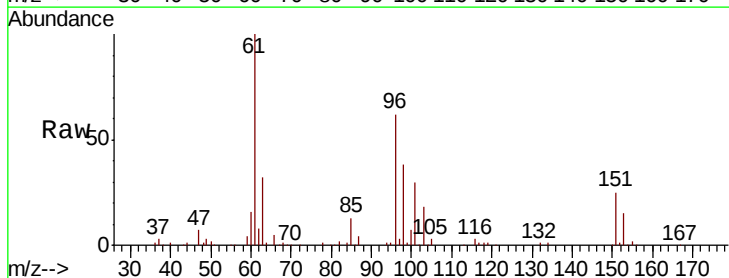
Tot Ion: 59 Resp: 50396
 Ion Ratio Lower Upper
 59 100
 57 8.3 7.9 11.9

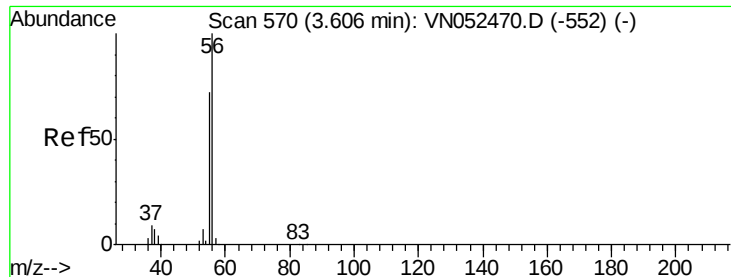


#12

1,1-Dichloroethene
 Concen: 18.634 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 96 Resp: 194230
 Ion Ratio Lower Upper
 96 100
 61 162.0 127.0 190.6
 98 60.9 50.3 75.5





#13

Acrolein

Concen: 94.064 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

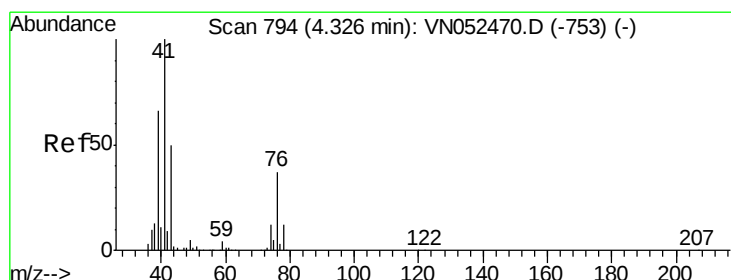
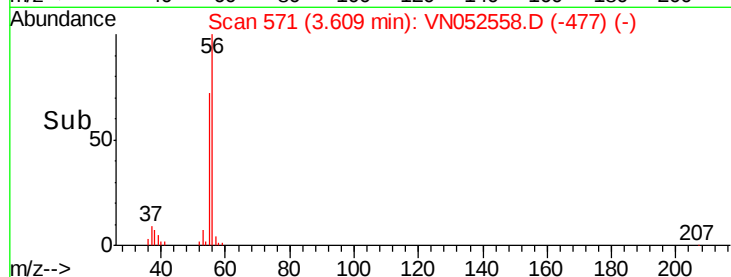
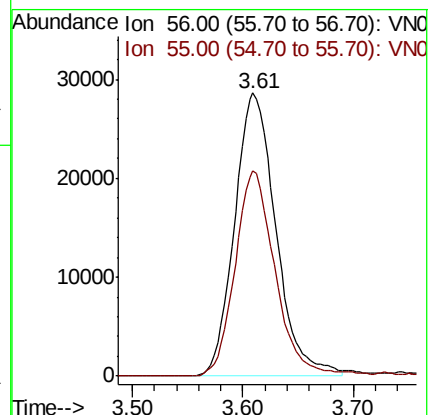
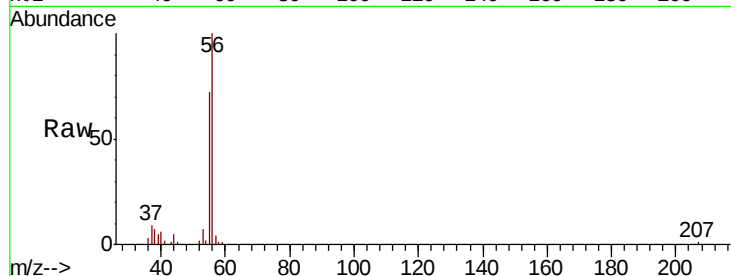
VN1126MBS01

Tot Ion: 56 Resp: 74427

Ion Ratio Lower Upper

56 100

55 70.5 56.8 85.2



#14

Allyl chloride

Concen: 18.087 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

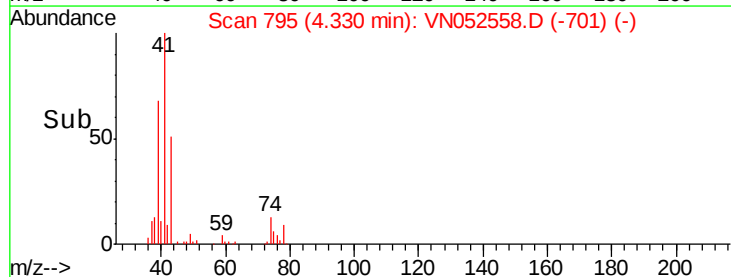
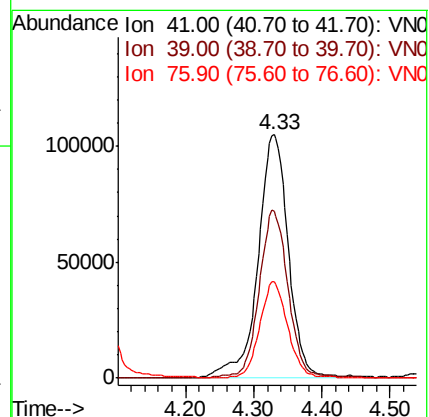
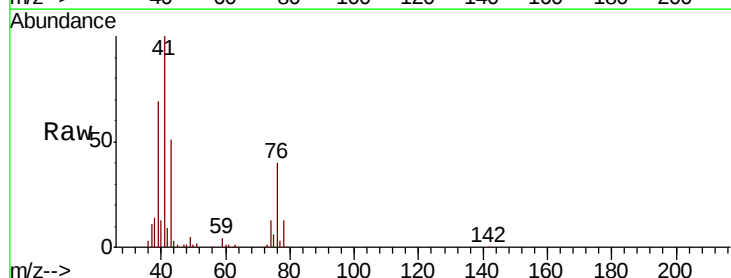
Tgt Ion: 41 Resp: 324926

Ion Ratio Lower Upper

41 100

39 65.4 50.6 76.0

76 35.7 27.4 41.2





#15

Acrylonitrile

Concen: 88.337 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

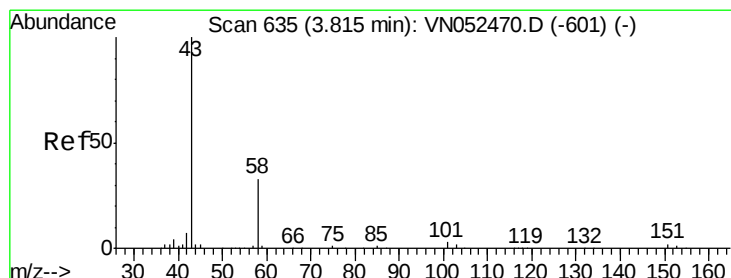
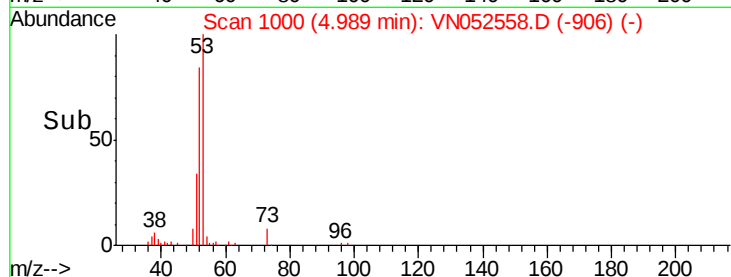
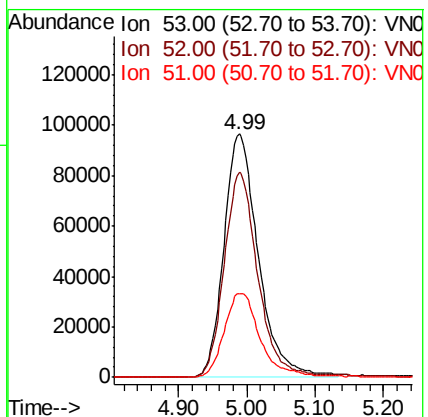
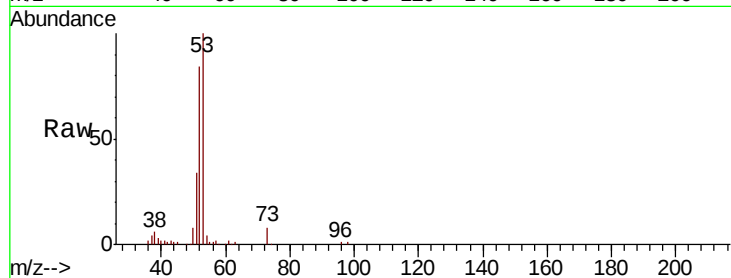
Tot Ion: 53 Resp: 339162

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

51 35.8 28.1 42.1



#16

Acetone

Concen: 77.944 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052558.D

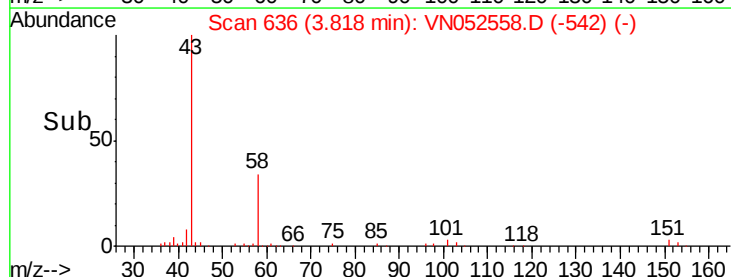
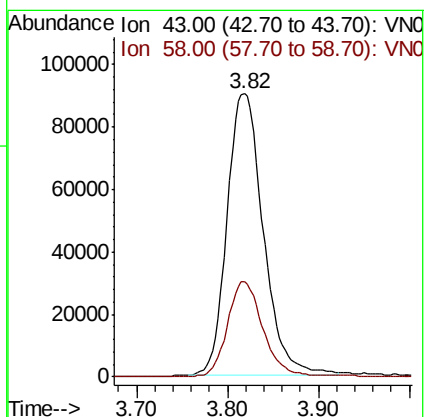
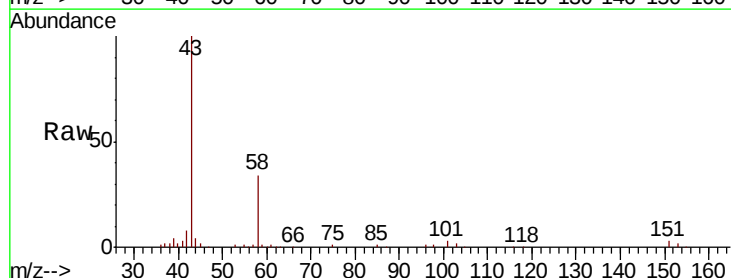
Acq: 29 Nov 2018 12:12

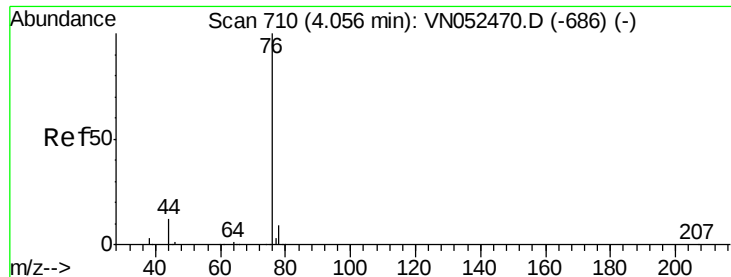
Tgt Ion: 43 Resp: 249076

Ion Ratio Lower Upper

43 100

58 33.5 26.0 39.0





#17

Carbon Disulfide

Concen: 16.361 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

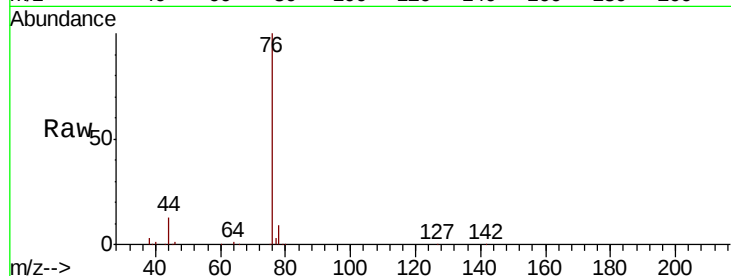
VN1126MBS01

Tot Ion: 76 Resp: 536654

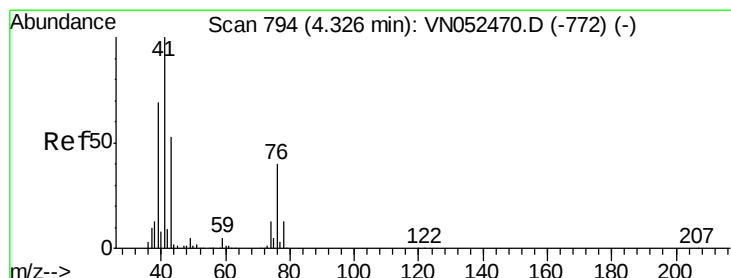
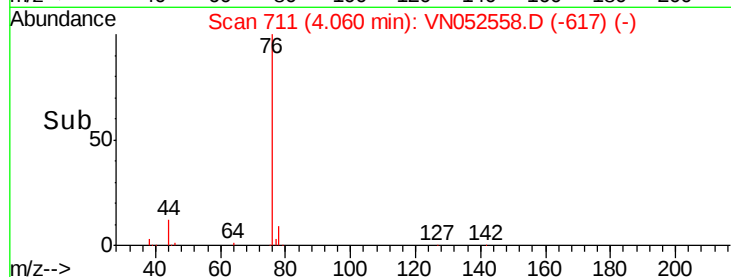
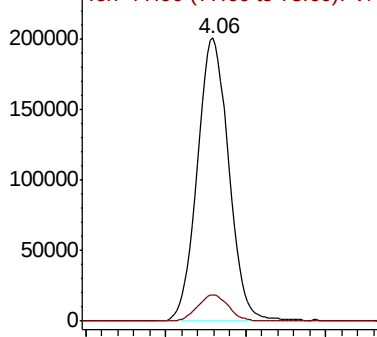
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 17.614 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052558.D

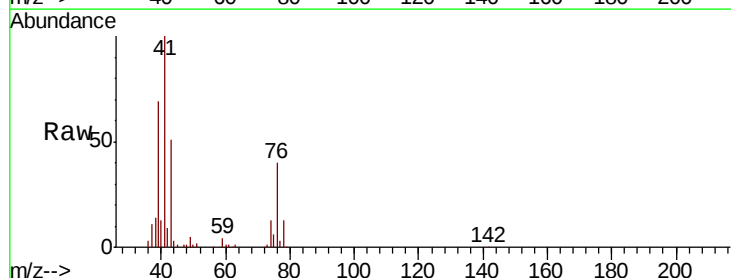
Acq: 29 Nov 2018 12:12

Tgt Ion: 43 Resp: 161458

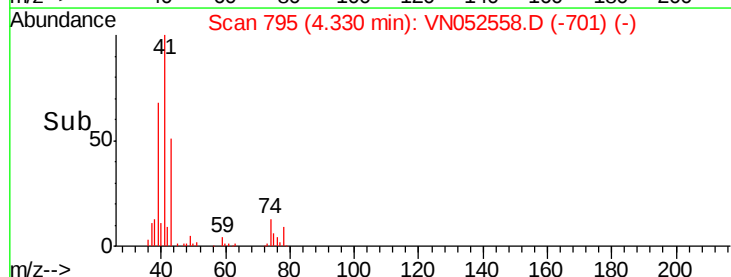
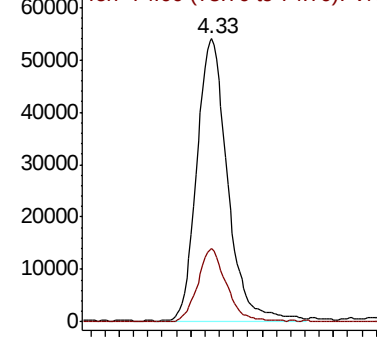
Ion Ratio Lower Upper

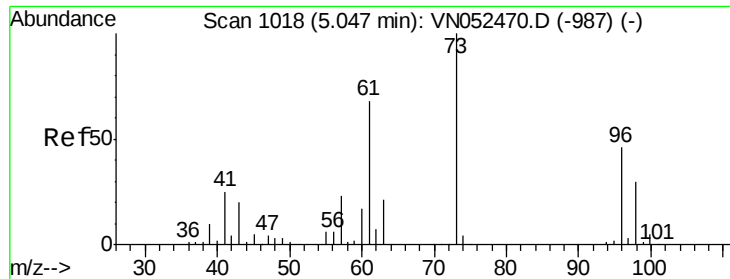
43 100

74 24.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



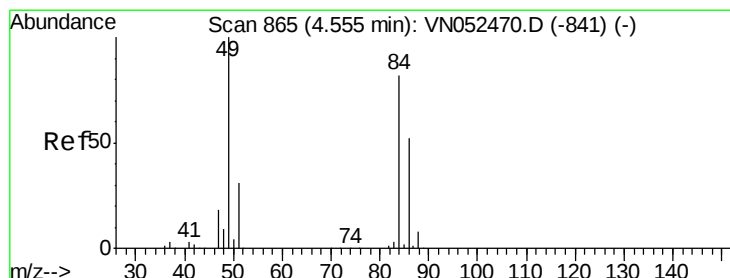
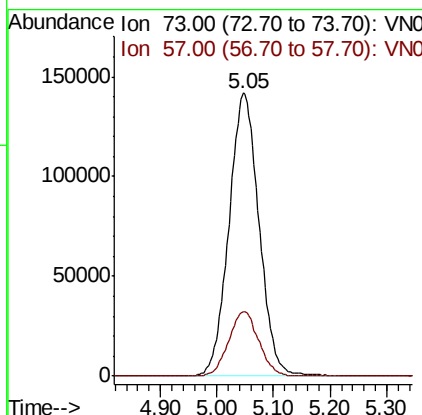
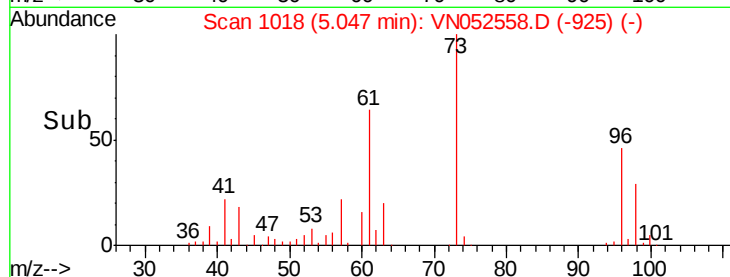
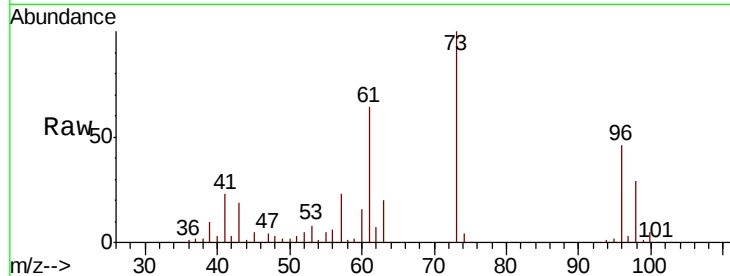


#19

Methyl tert-butyl Ether
 Concen: 18.894 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

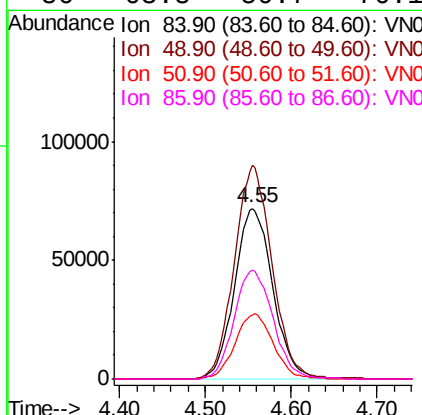
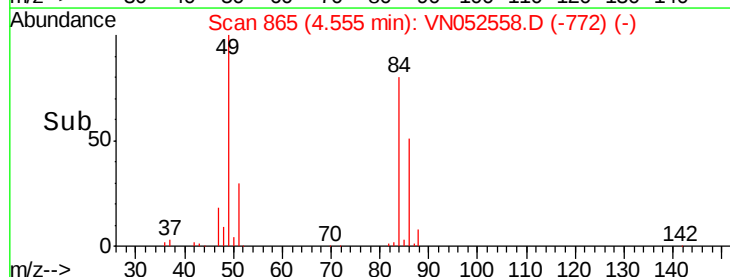
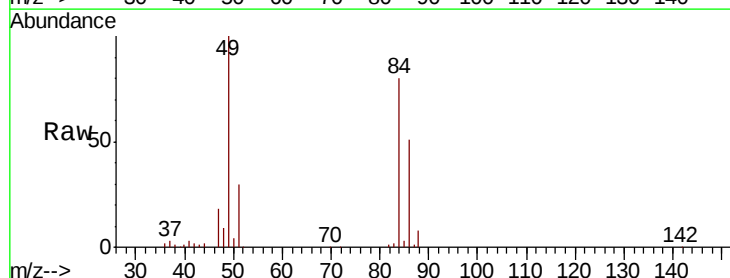
Tot Ion: 73 Resp: 523972
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.2 27.2

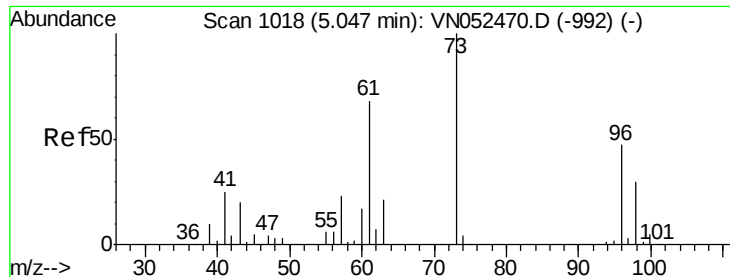


#20

Methylene Chloride
 Concen: 17.768 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 84 Resp: 222191
 Ion Ratio Lower Upper
 84 100
 49 125.0 98.0 147.0
 51 37.6 30.1 45.1
 86 63.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.887 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

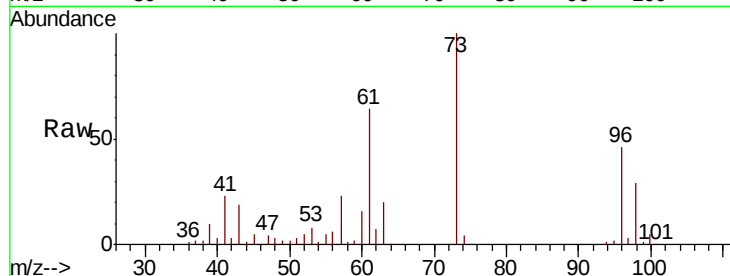
Tot Ion: 96 Resp: 210250

Ion Ratio Lower Upper

96 100

61 138.0 117.0 175.4

98 62.2 51.8 77.6

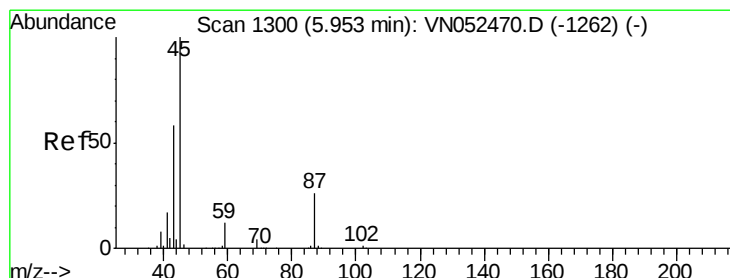
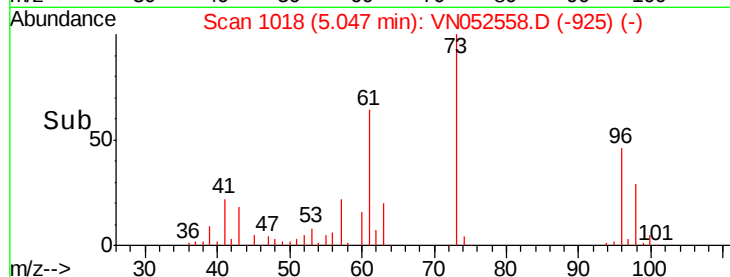
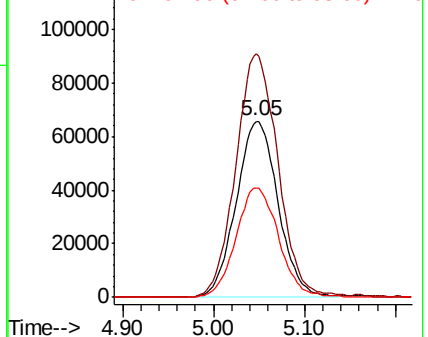


Abundance

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



#22

Diisopropyl ether

Concen: 18.498 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Tgt Ion: 45 Resp: 698037

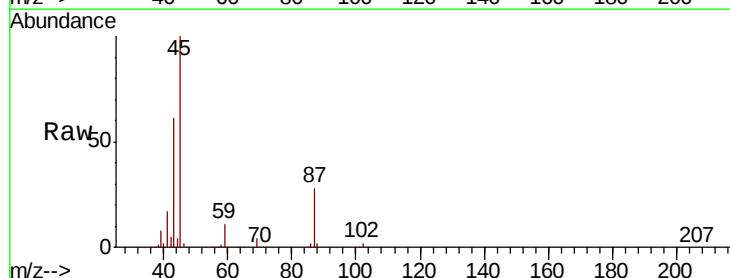
Ion Ratio Lower Upper

45 100

43 59.7 46.1 69.1

87 27.4 21.3 31.9

59 11.3 9.5 14.3



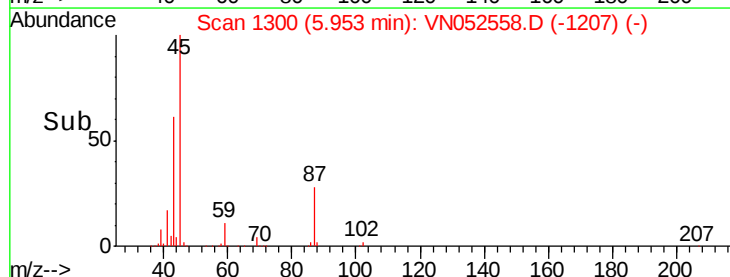
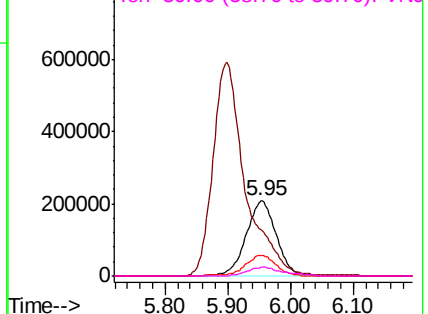
Abundance

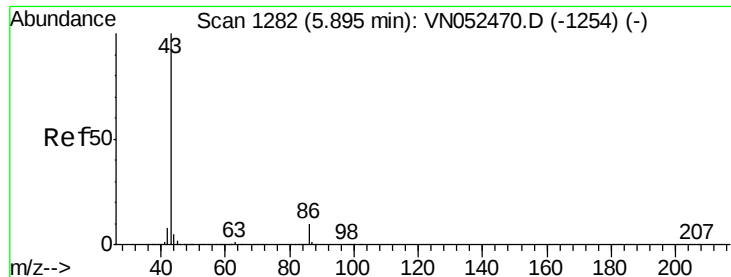
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 89.790 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

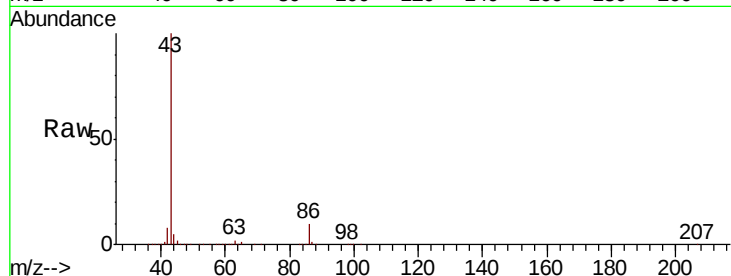
VN1126MBS01

Tot Ion: 43 Resp: 2110372

Ion Ratio Lower Upper

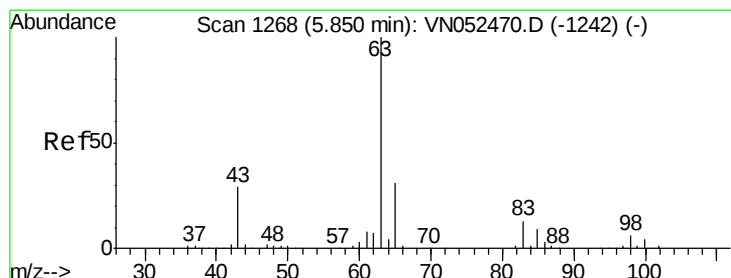
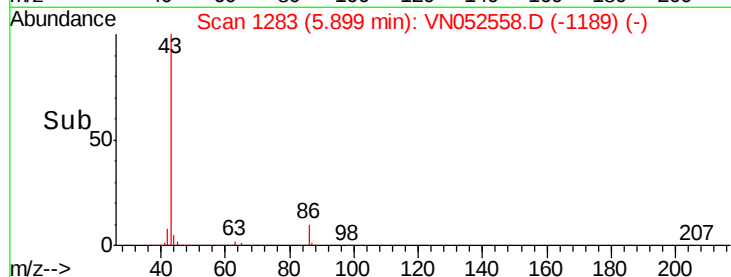
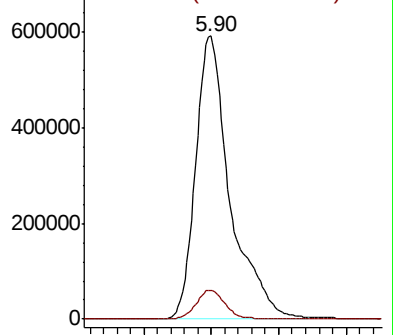
43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.590 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

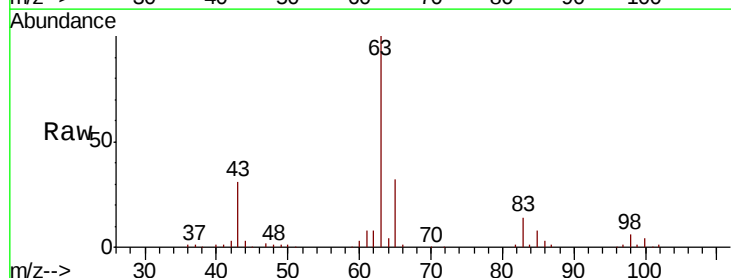
Tgt Ion: 63 Resp: 400521

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

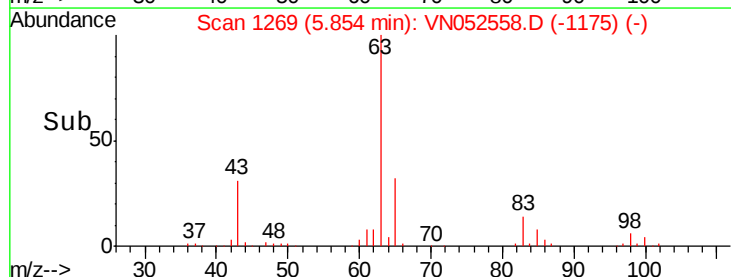
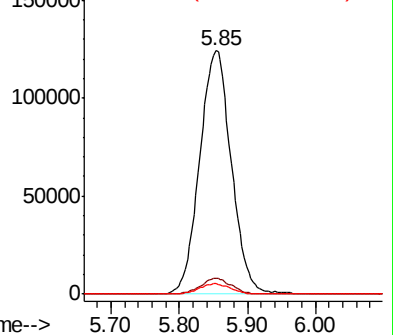
100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 84.268 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

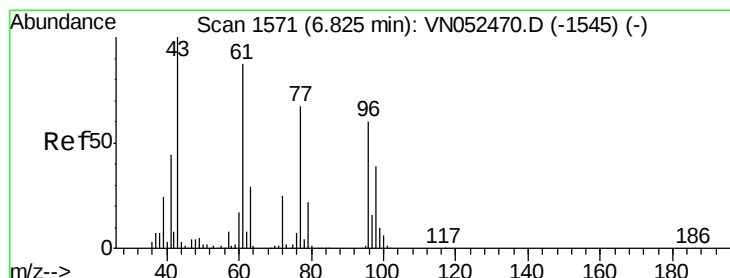
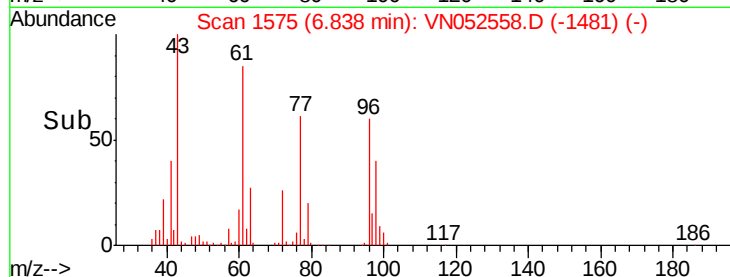
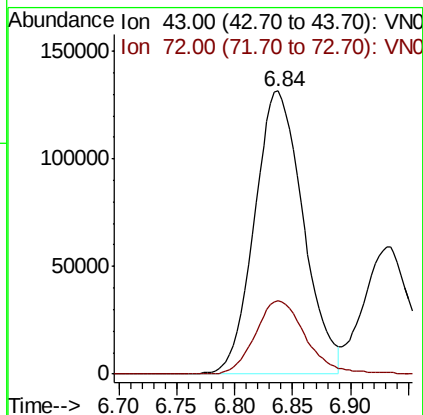
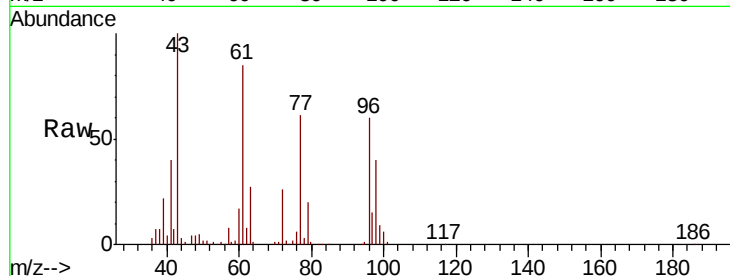
VN1126MBS01

Tot Ion: 43 Resp: 381681

Ion Ratio Lower Upper

43 100

72 25.9 20.1 30.1



#26

2,2-Dichloropropane

Concen: 18.887 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052558.D

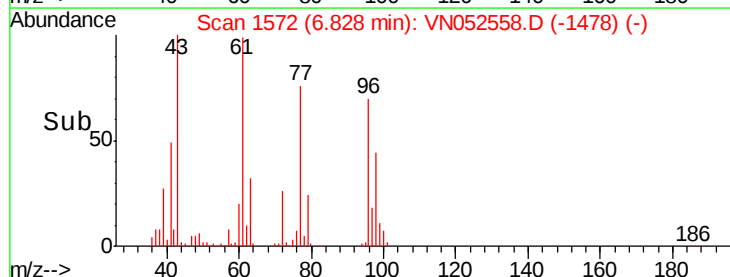
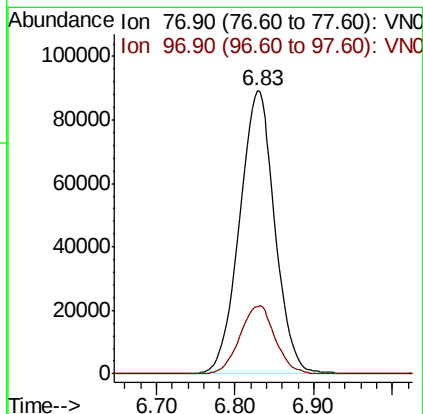
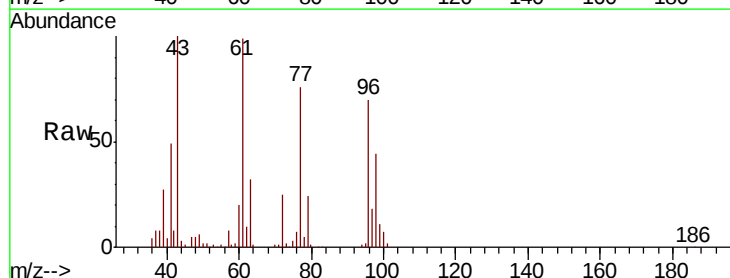
Acq: 29 Nov 2018 12:12

Tgt Ion: 77 Resp: 281660

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.781 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

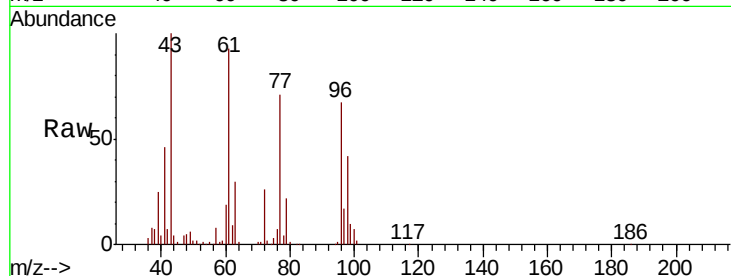
Tot Ion: 96 Resp: 243546

Ion Ratio Lower Upper

96 100

61 143.7 0.0 291.0

98 64.4 0.0 130.0

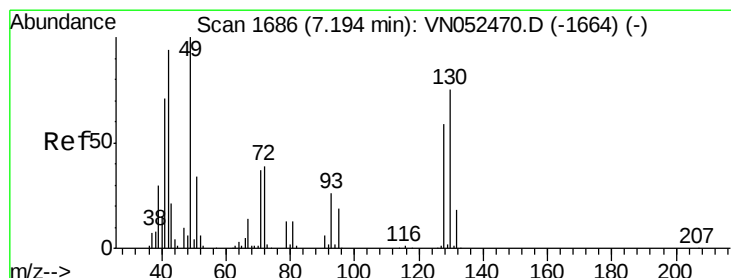
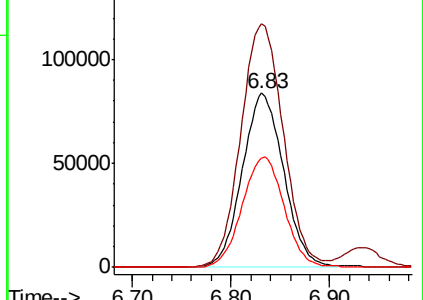
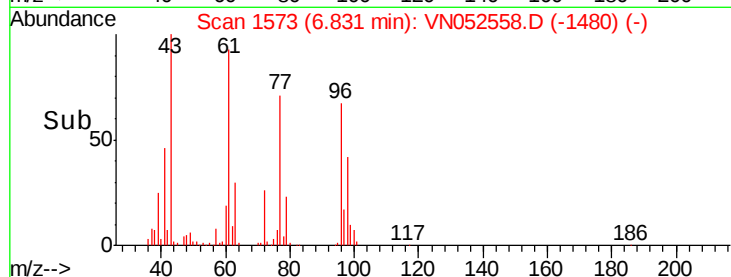


Abundance Ion 95.90 (95.60 to 96.60): VN052470.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN052470.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1547) (-)

Time-->



#28

Bromochloromethane

Concen: 19.305 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

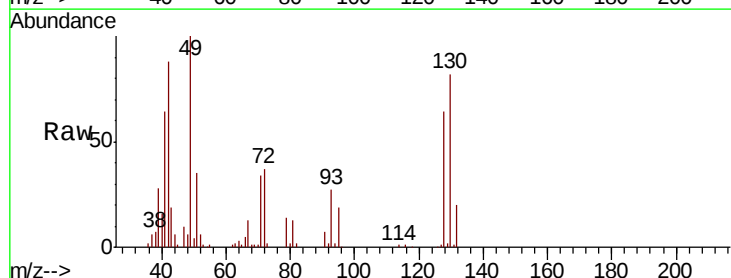
Tgt Ion: 49 Resp: 189973

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 82.1 60.2 90.2

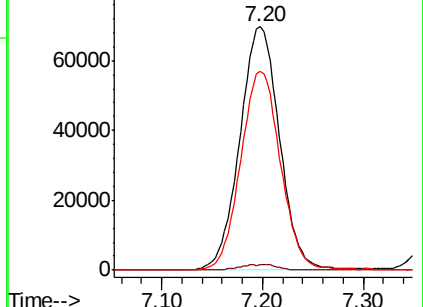
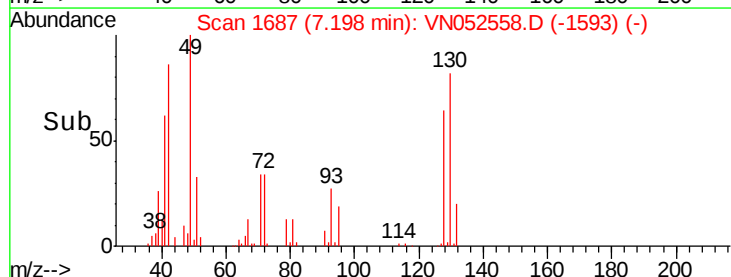


Abundance Ion 48.90 (48.60 to 49.60): VN052470.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN052470.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN052470.D (-1664) (-)

Time-->

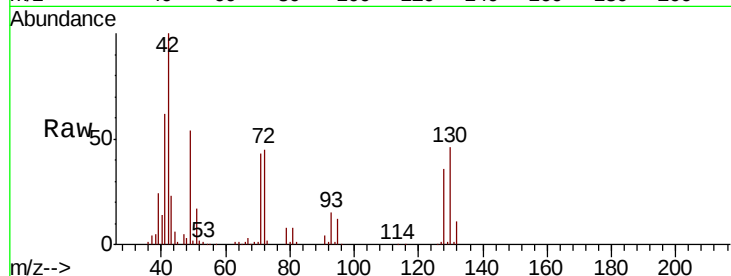




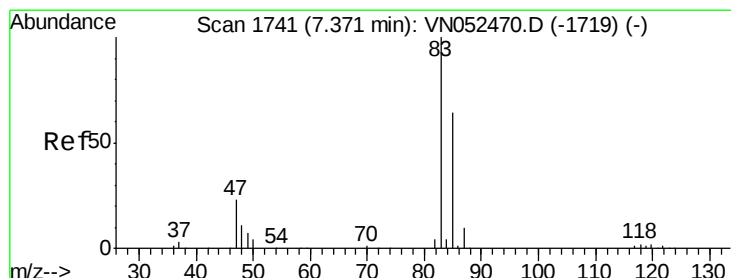
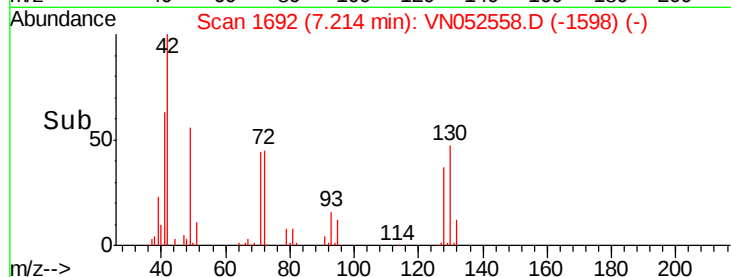
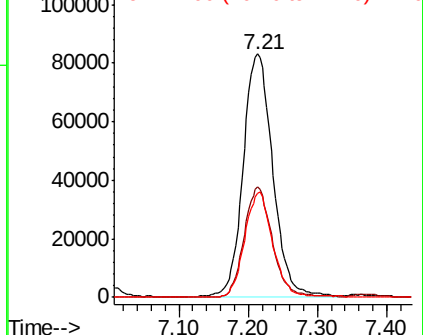
#29
Tetrahydrofuran
Concen: 85.046 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Instrument :
MSVOA_N
ClientSampled :
VN1126MBS01

Tot Ion: 42 Resp: 248457
Ion Ratio Lower Upper
42 100
72 43.0 33.3 49.9
71 40.6 32.0 48.0

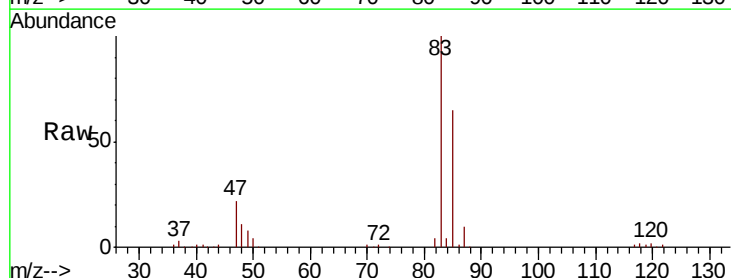


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

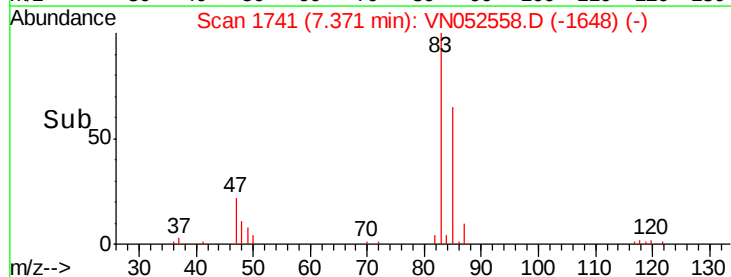
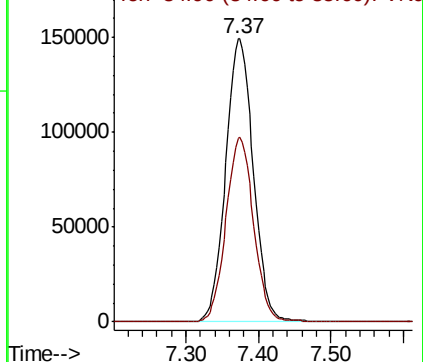


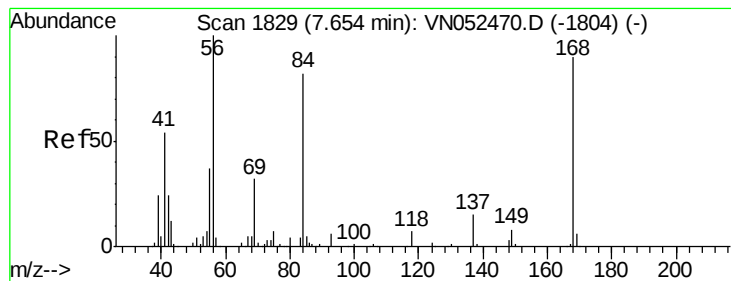
#30
Chloroform
Concen: 18.403 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 83 Resp: 395593
Ion Ratio Lower Upper
83 100
85 64.8 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: 18.056 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

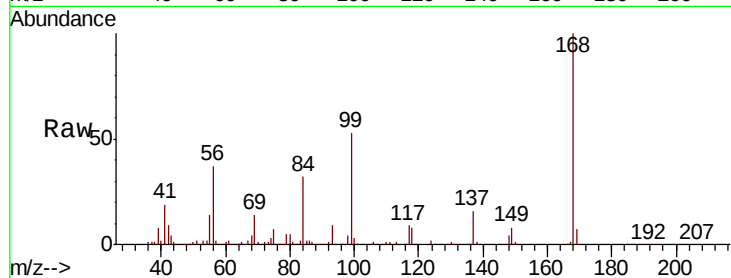
Tot Ion: 56 Resp: 381394

Ion Ratio Lower Upper

56 100

69 38.4 25.8 38.6

84 87.1 65.3 97.9

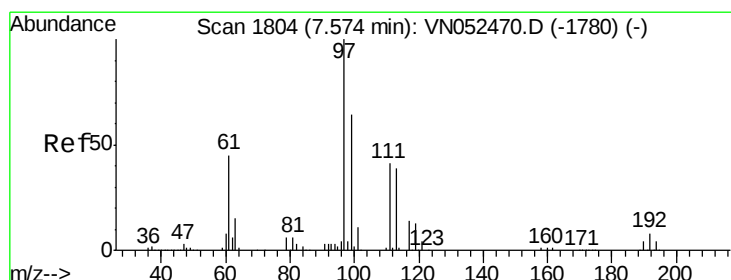
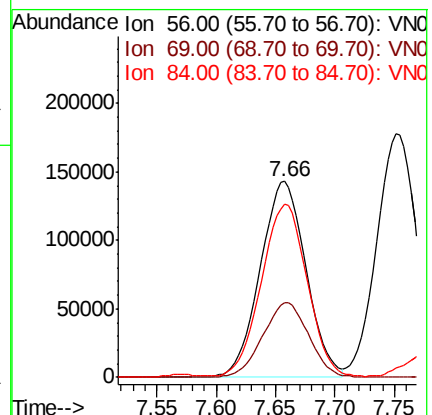
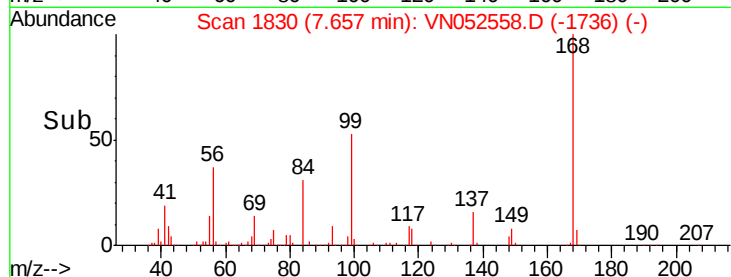


Abundance Ion 56.00 (55.70 to 56.70): VN052470.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN052470.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN052470.D (-1804) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 19.033 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

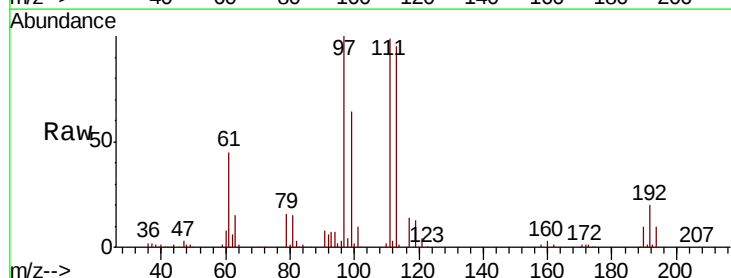
Tgt Ion: 97 Resp: 324147

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 44.6 36.8 55.2

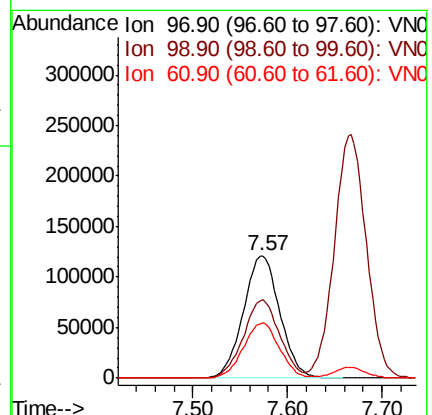
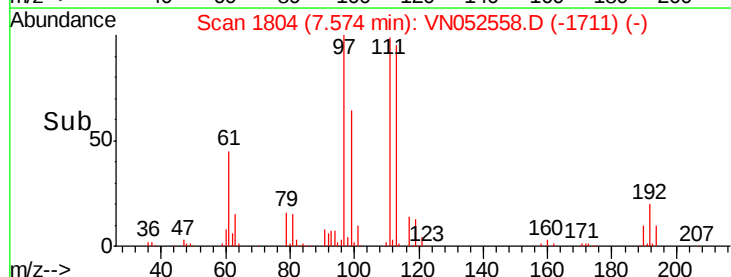


Abundance Ion 96.90 (96.60 to 97.60): VN052470.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN052470.D (-1780) (-)

Time-->

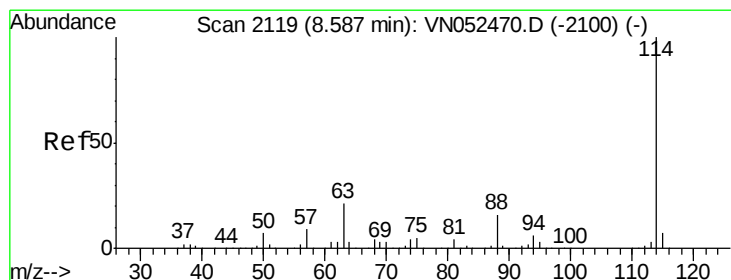
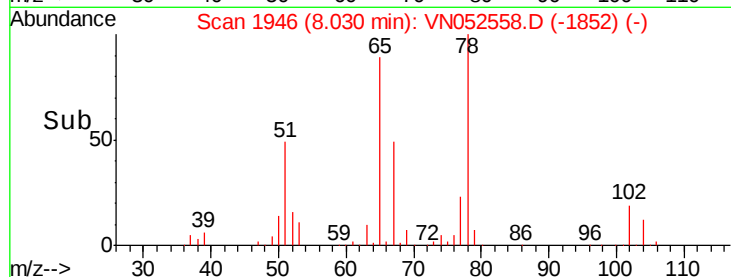
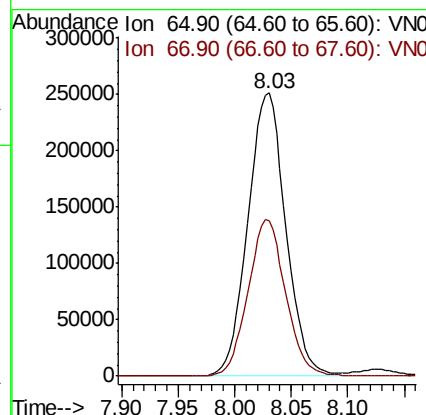
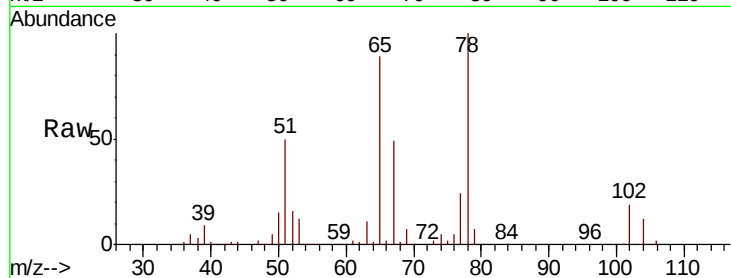




#33
 1,2-Dichloroethane-d4
 Concen: 19.033 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

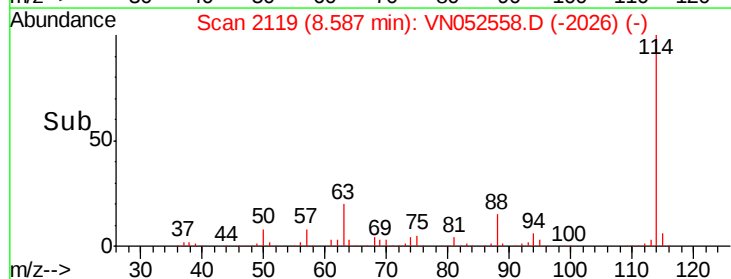
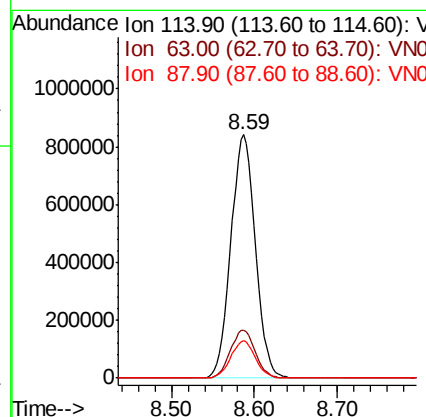
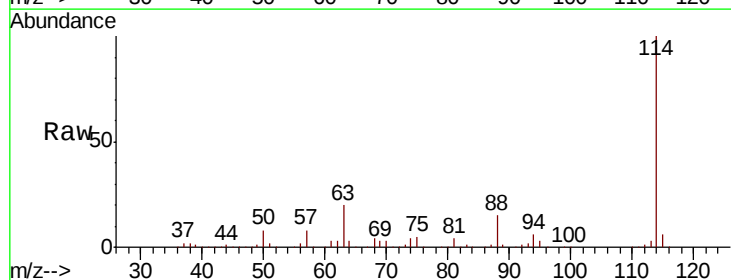
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

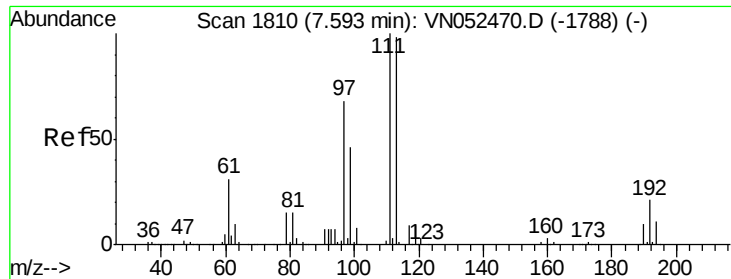
Tot Ion: 65 Resp: 586094
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 114 Resp: 1731061
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.8
 88 15.2 0.0 31.6

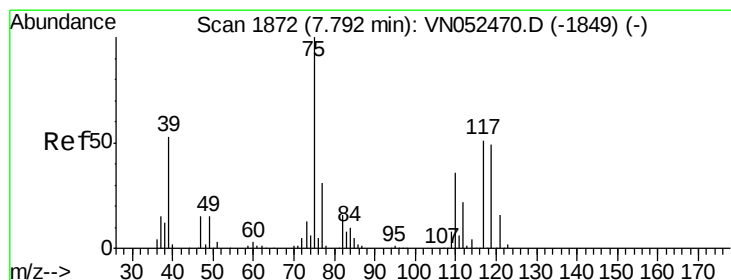
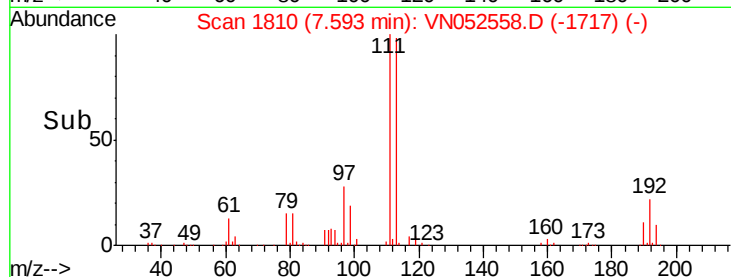
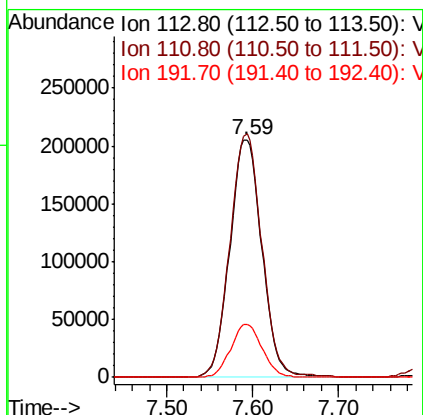
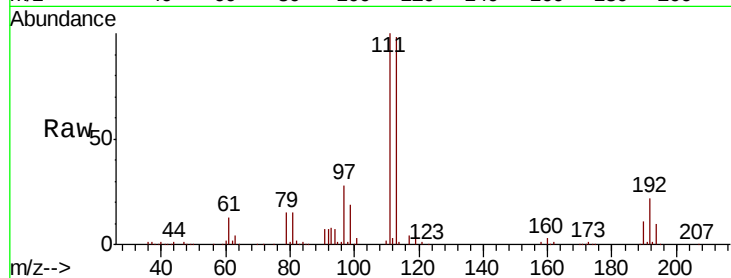




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

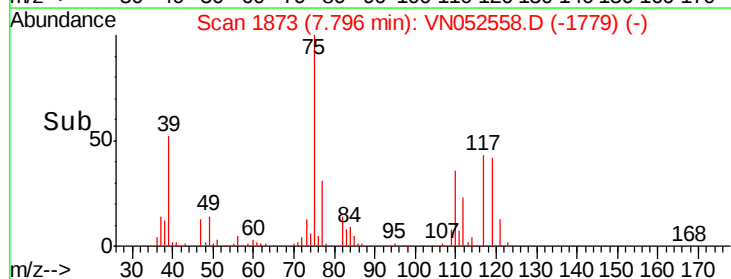
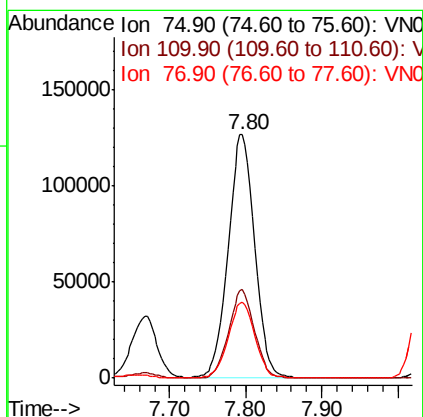
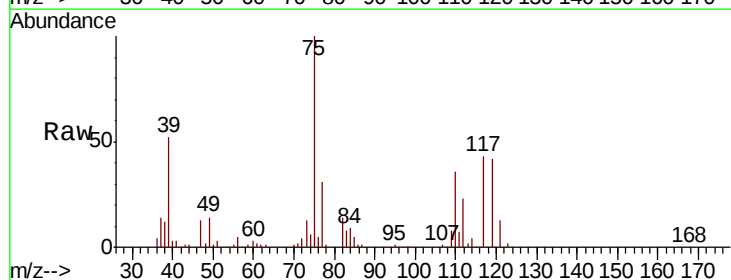
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

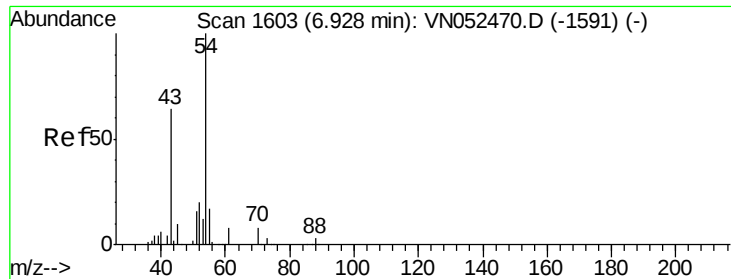
Tot Ion:113 Resp: 532134
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.761 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 75 Resp: 306681
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.5 52.6
 77 31.5 24.5 36.7

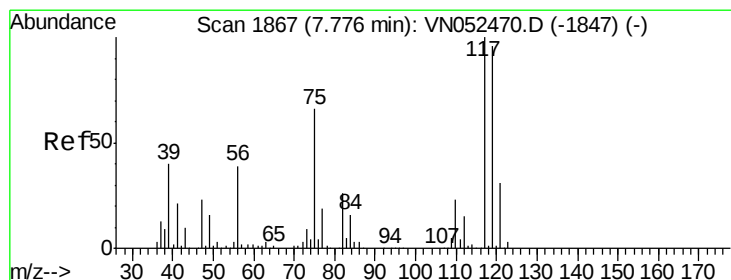
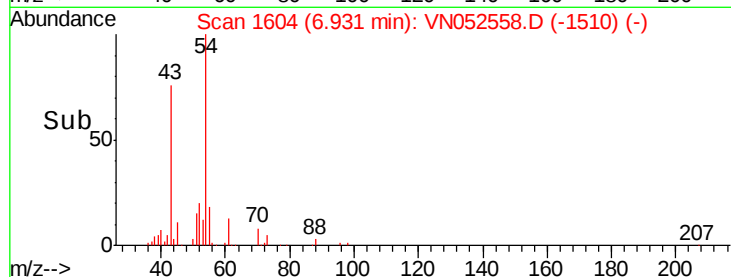
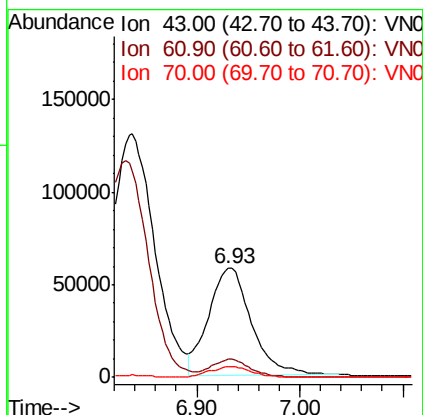
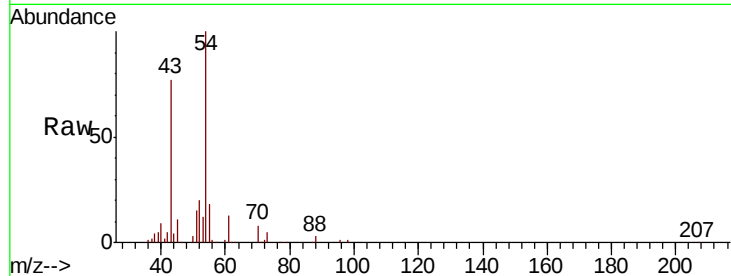




#37
Ethyl Acetate
Concen: 16.837 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

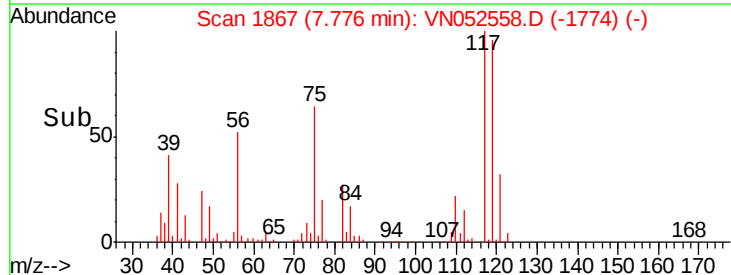
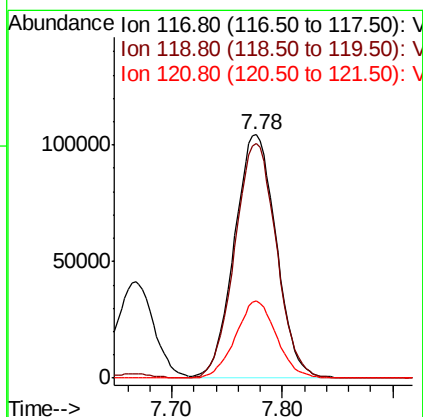
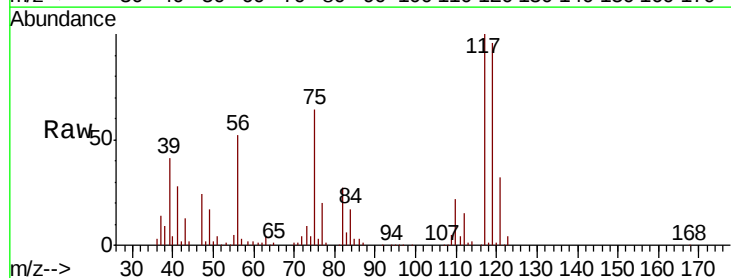
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

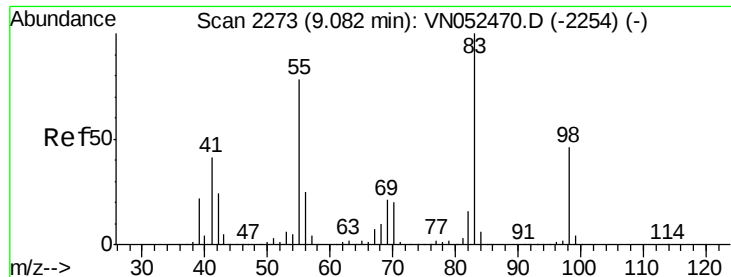
Tot Ion: 43 Resp: 167968
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.474 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 117 Resp: 273380
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2
121 31.6 24.9 37.3

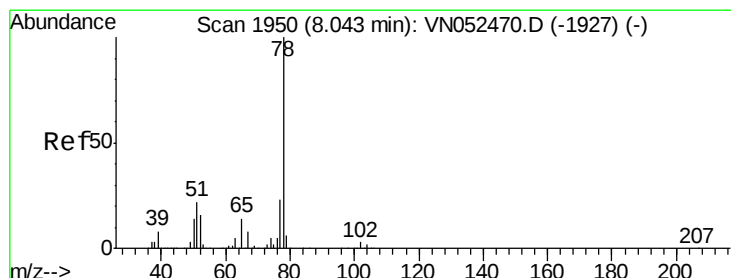
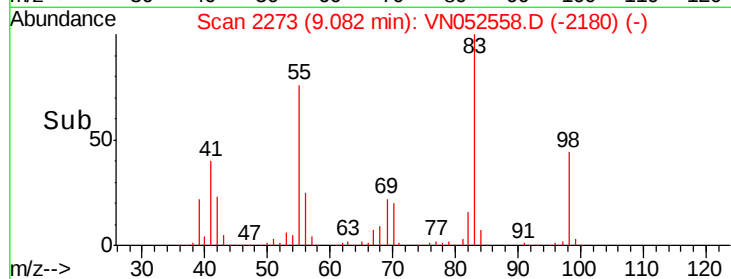
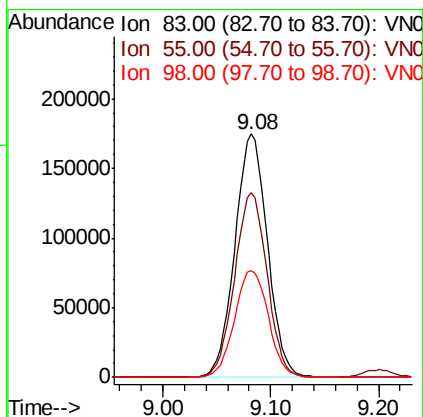
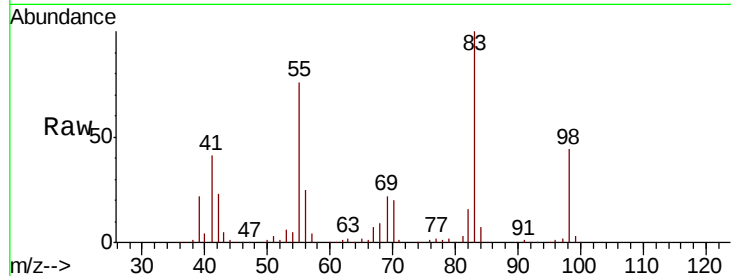




#39
Methvlcvclohexane
Concen: 18.486 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

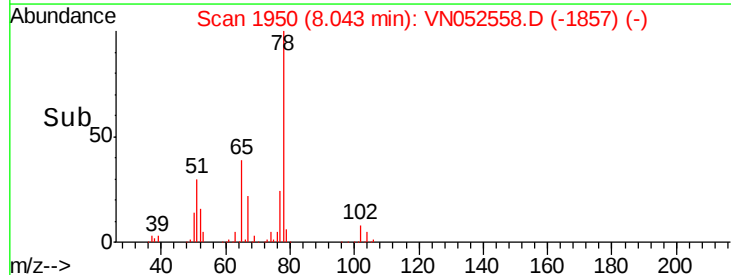
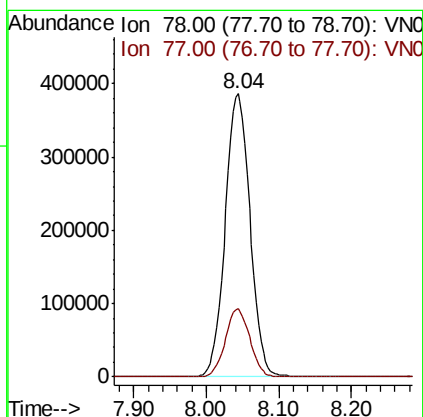
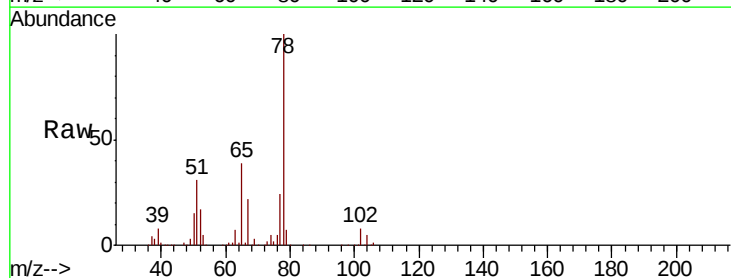
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

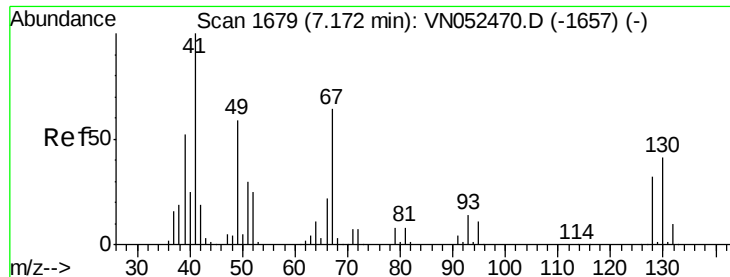
Tot Ion: 83 Resp: 367289
Ion Ratio Lower Upper
83 100
55 75.8 62.2 93.2
98 44.0 36.4 54.6



#40
Benzene
Concen: 18.858 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 78 Resp: 918697
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

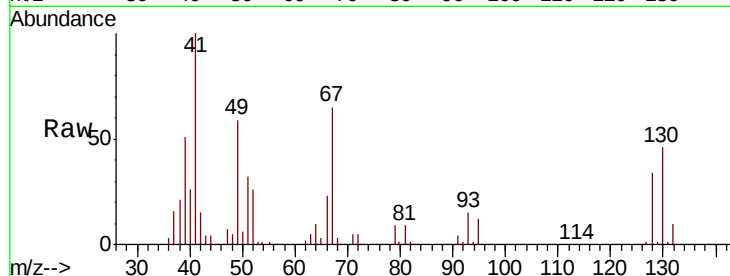




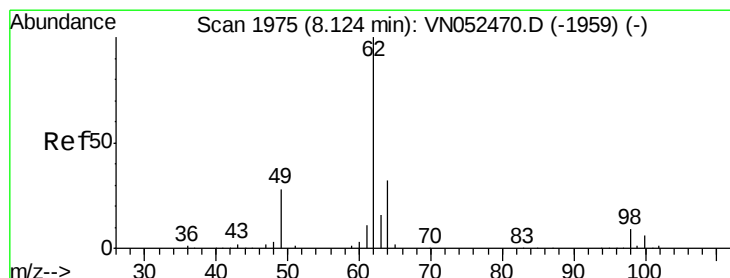
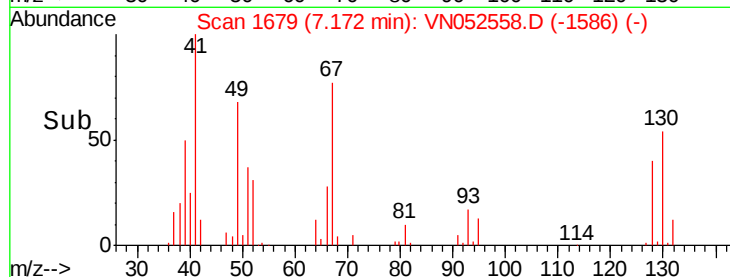
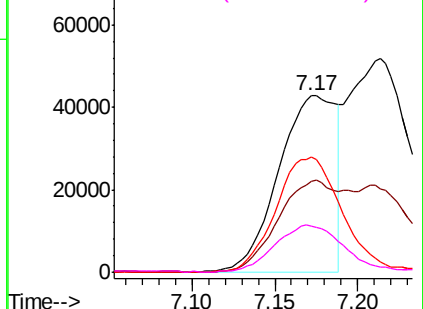
#41
Methacrylonitrile
Concen: 18.962 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

Tot Ion: 41 Resp: 103422
Ion Ratio Lower Upper
41 100
39 51.6 50.9 76.3
67 75.4 63.6 95.4
52 32.9 24.4 36.6

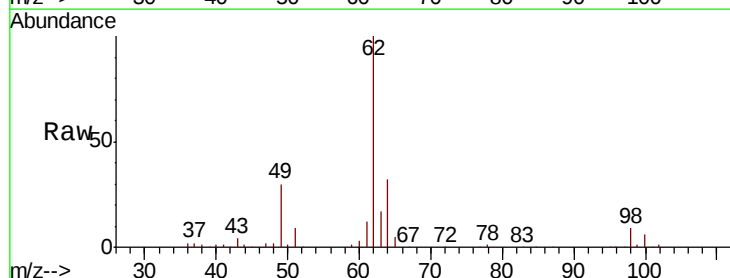


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

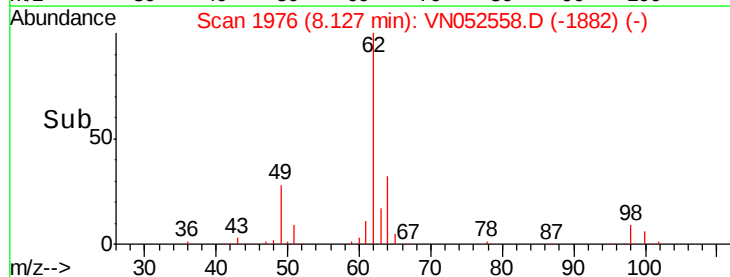
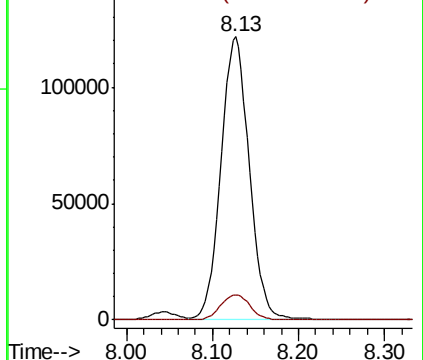


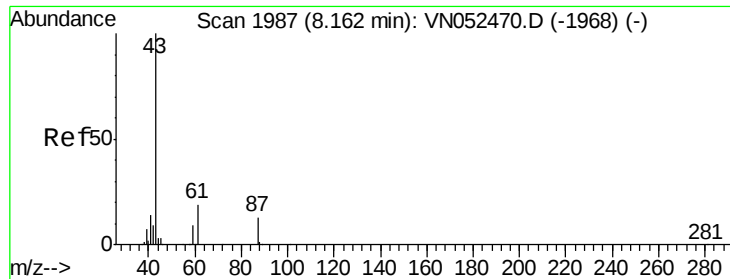
#42
1,2-Dichloroethane
Concen: 18.842 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 62 Resp: 277937
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 18.299 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

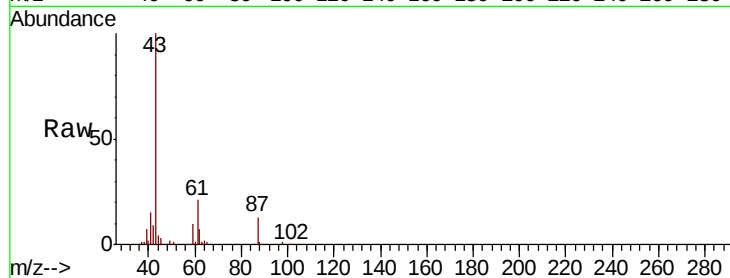
Tot Ion: 43 Resp: 308941

Ion Ratio Lower Upper

43 100

61 20.3 24.1 36.1#

87 13.2 10.6 15.8

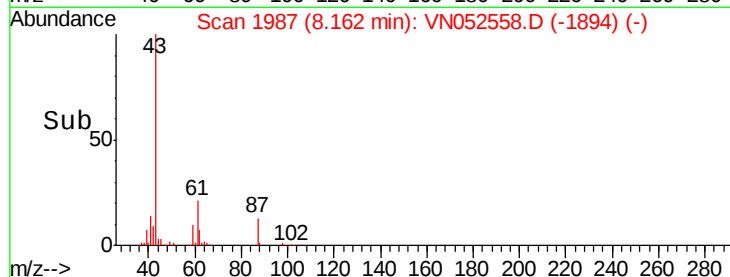


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

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

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

Time-->

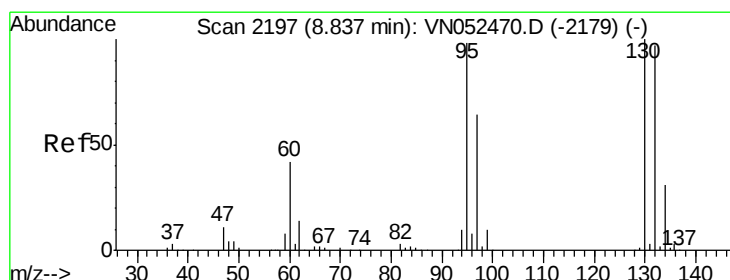


Abundance Ion 43.00 (42.70 to 43.70): VN052558.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052558.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052558.D (-1894) (-)

Time-->



#44

Trichloroethene

Concen: 19.114 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052558.D

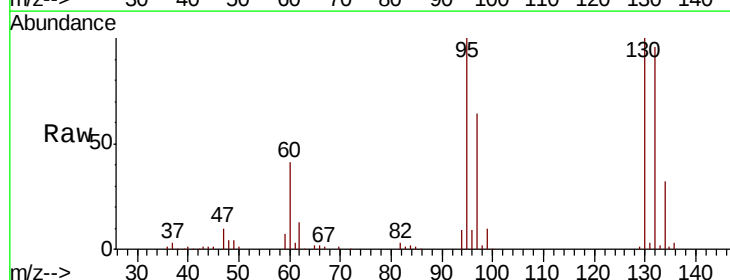
Acq: 29 Nov 2018 12:12

Tgt Ion:130 Resp: 238521

Ion Ratio Lower Upper

130 100

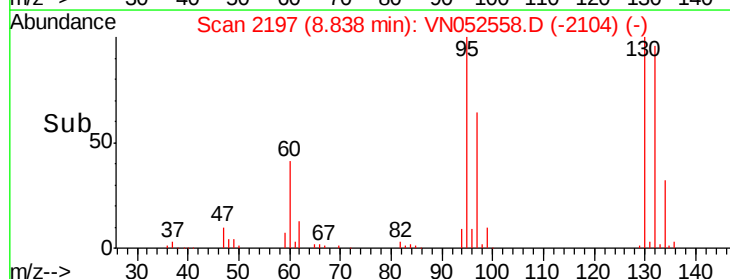
95 100.3 0.0 195.6



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

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

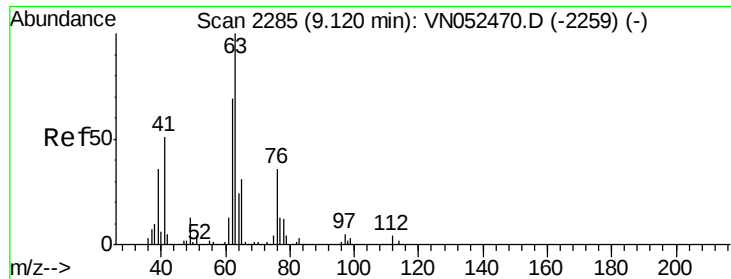
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN052558.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN052558.D (-2104) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 18.681 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

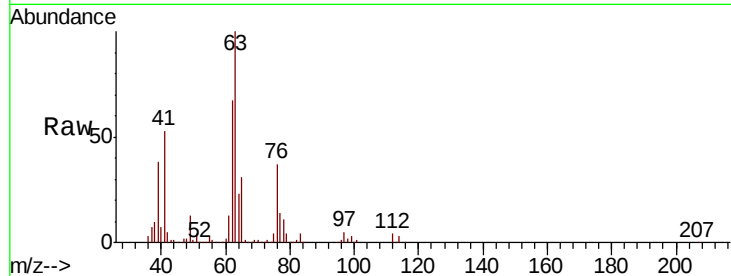
VN1126MBS01

Tot Ion: 63 Resp: 241959

Ion Ratio Lower Upper

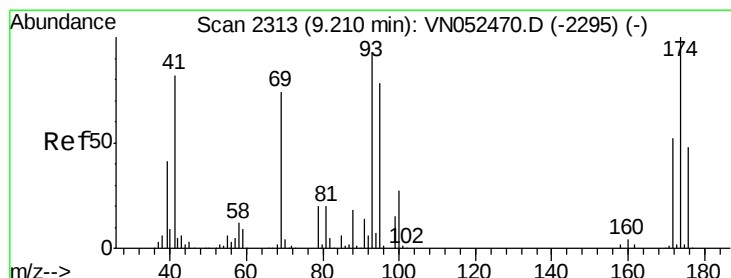
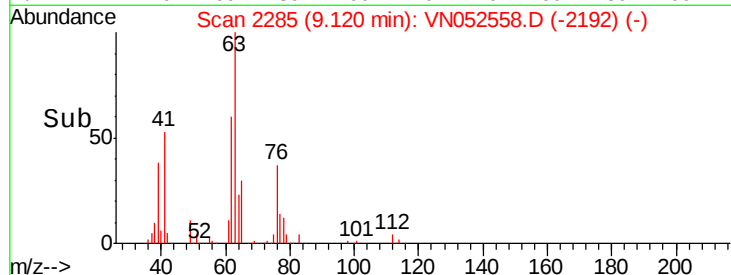
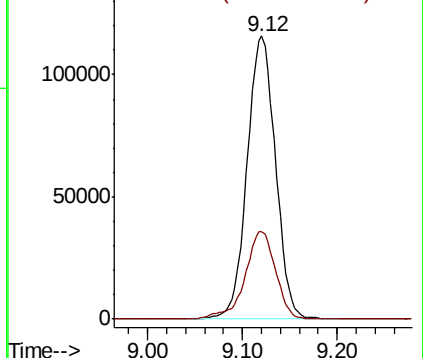
63 100

65 31.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.813 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

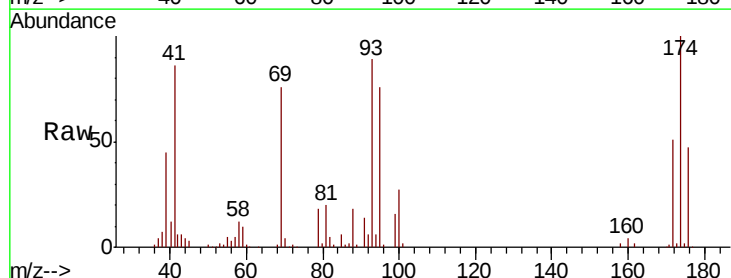
Tgt Ion: 93 Resp: 134890

Ion Ratio Lower Upper

93 100

95 82.3 67.1 100.7

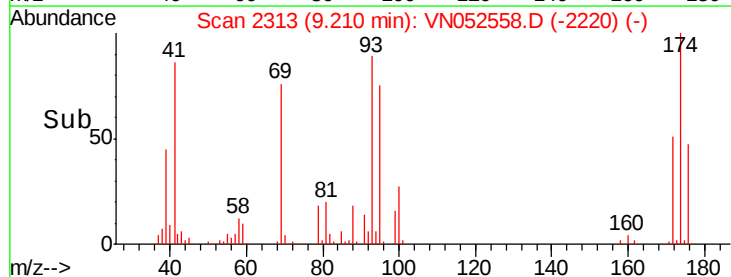
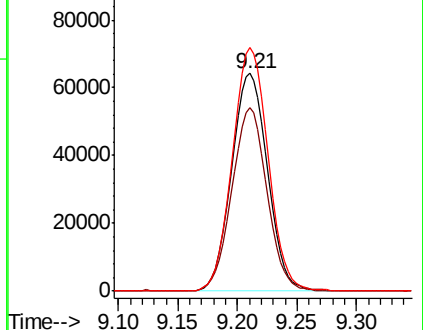
174 111.1 85.8 128.8

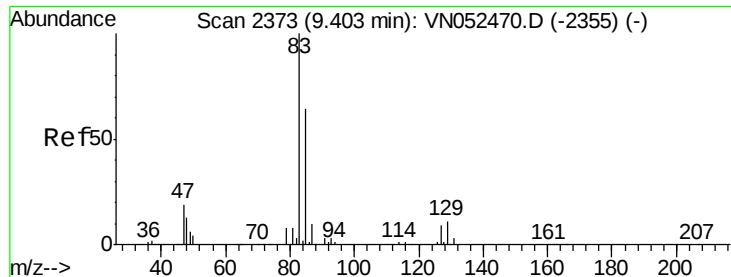


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

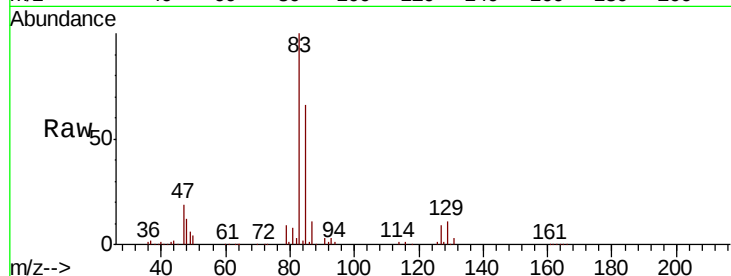




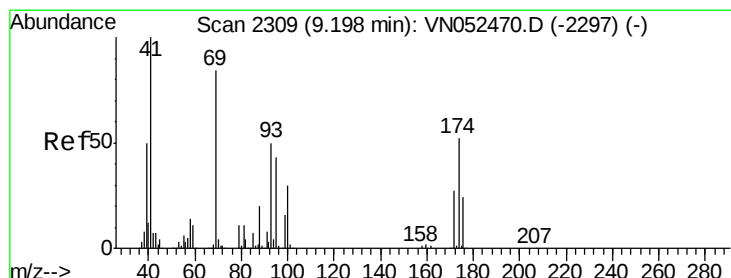
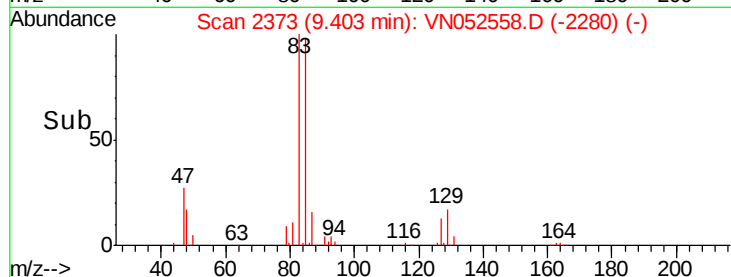
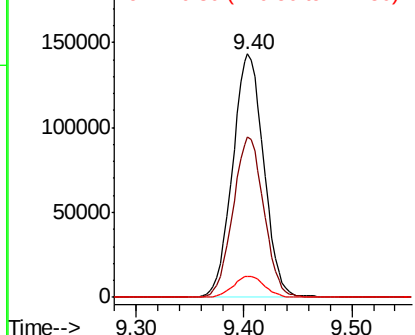
#47
Bromodichloromethane
Concen: 18.465 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

Tot Ion: 83 Resp: 287841
Ion Ratio Lower Upper
83 100
85 65.9 51.3 76.9
127 8.7 6.9 10.3

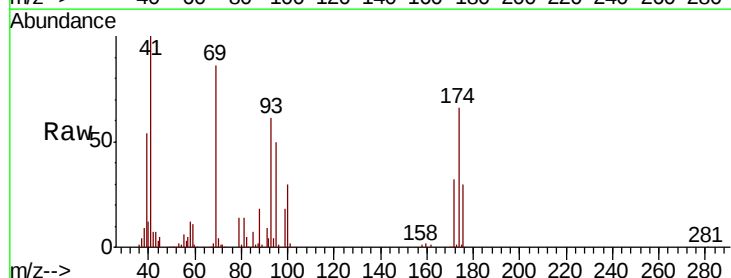


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

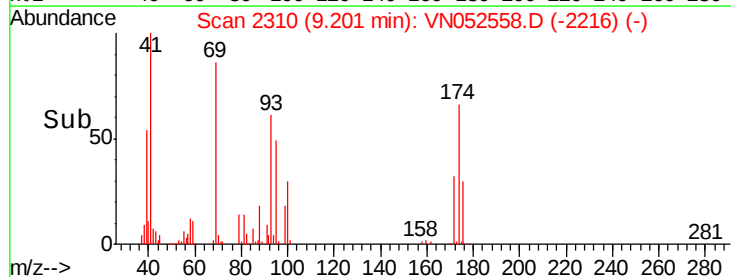
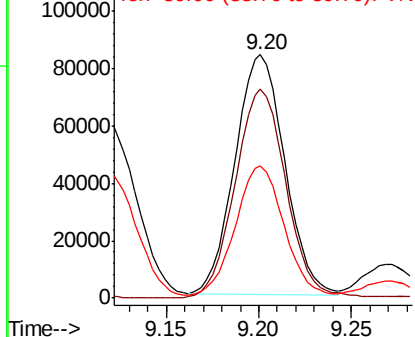


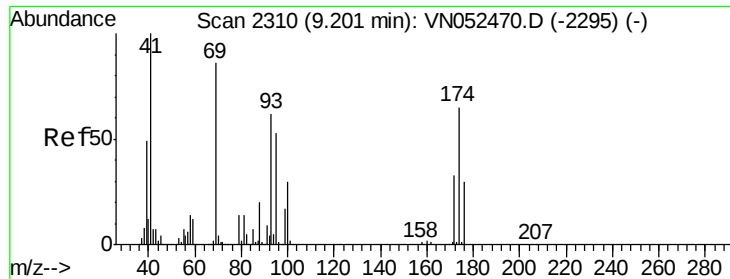
#48
Methyl methacrylate
Concen: 17.765 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 41 Resp: 156394
Ion Ratio Lower Upper
41 100
69 89.6 70.0 105.0
39 54.7 42.6 64.0



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

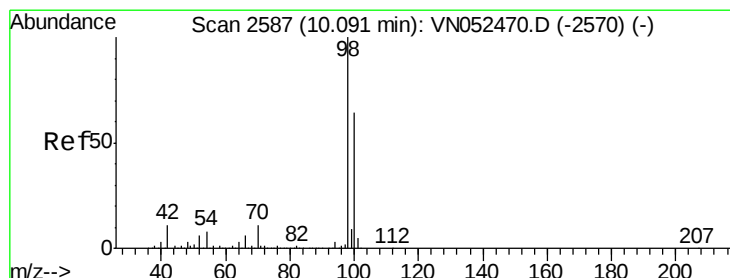
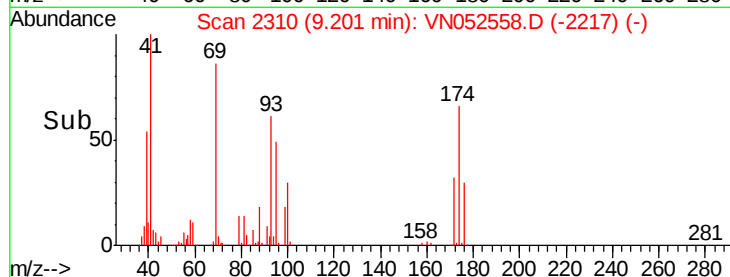
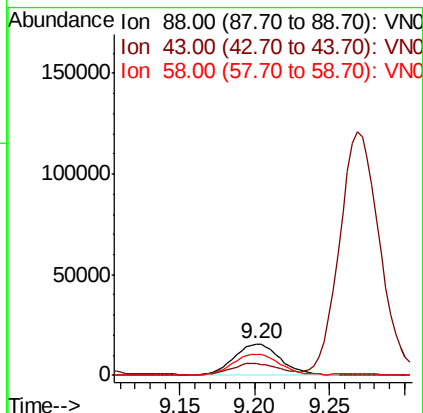
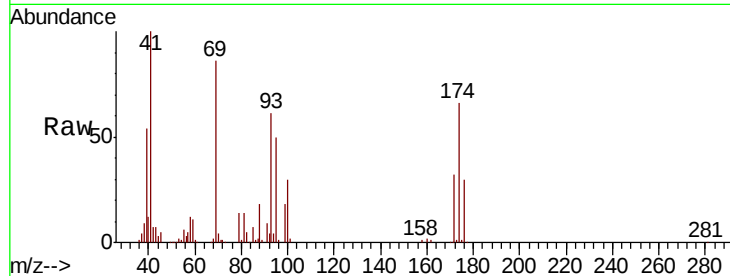




#49
1,4-Dioxane
Concen: 371.254 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

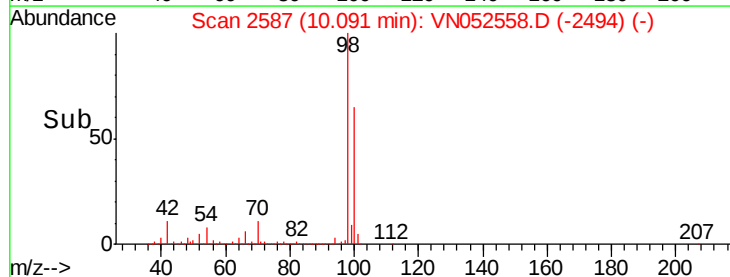
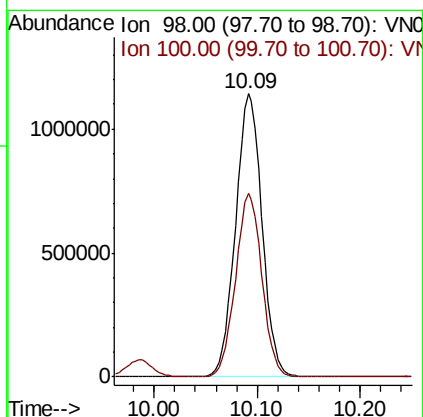
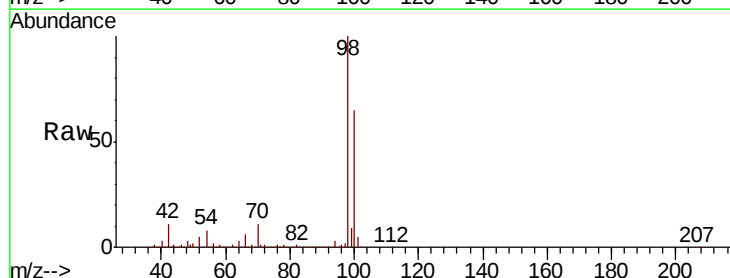
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

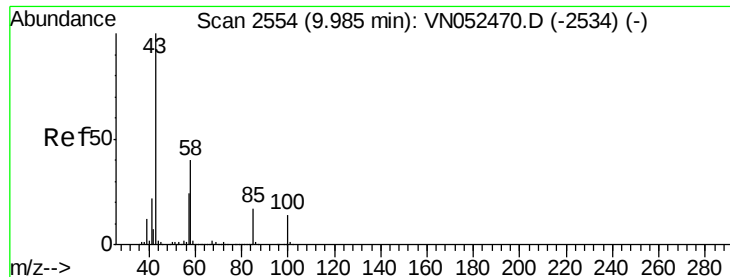
Tot Ion: 88 Resp: 33919
Ion Ratio Lower Upper
88 100
43 34.9 26.4 39.6
58 68.6 55.4 83.0



#50
Toluene-d8
Concen: 371.254 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 98 Resp: 2043445
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 89.034 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

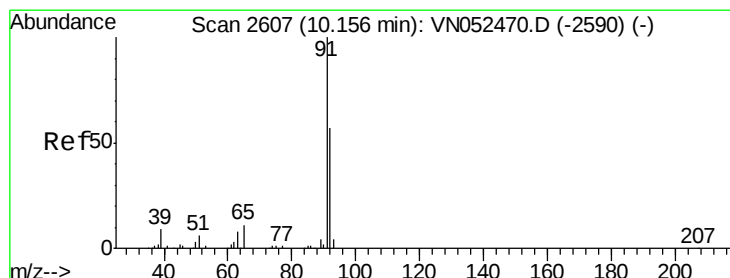
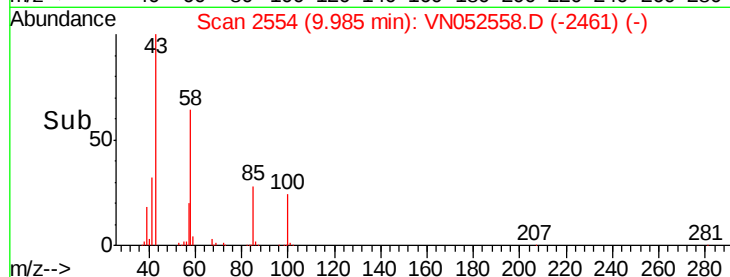
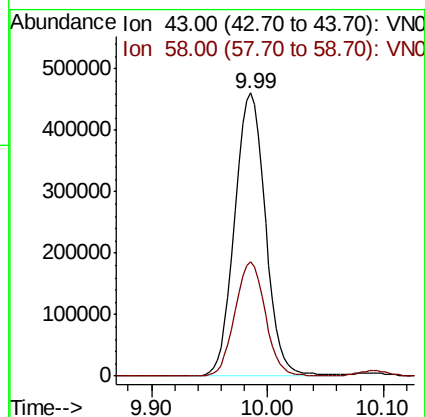
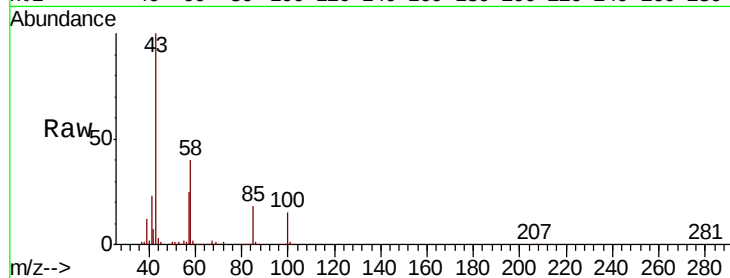
VN1126MBS01

Tot Ion: 43 Resp: 843381

Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3



#52

Toluene

Concen: 19.497 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052558.D

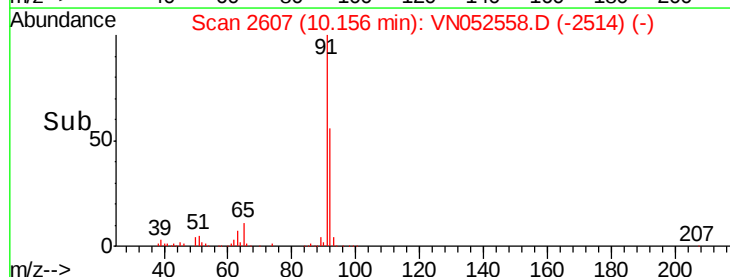
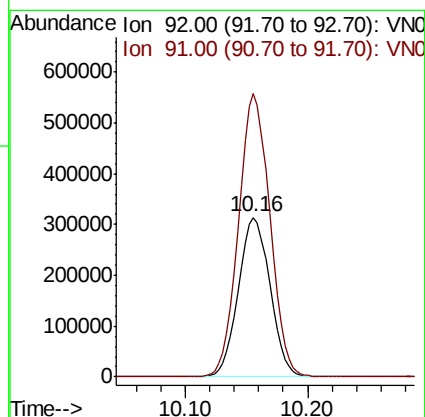
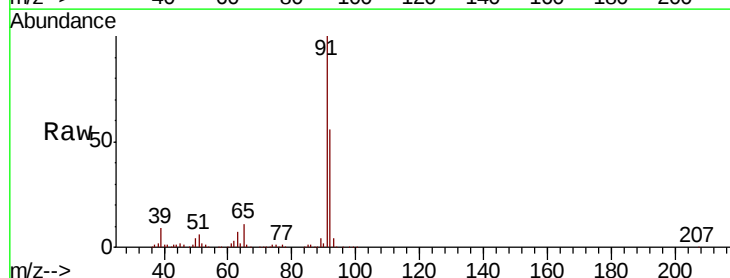
Acq: 29 Nov 2018 12:12

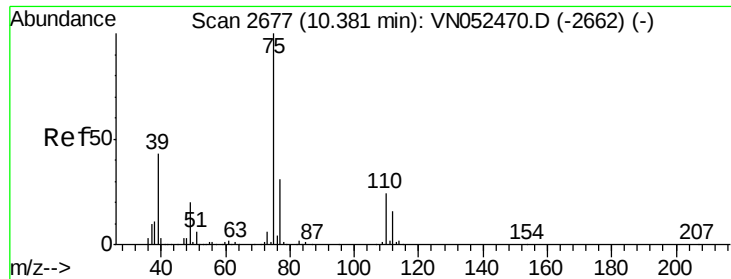
Tgt Ion: 92 Resp: 564342

Ion Ratio Lower Upper

92 100

91 175.9 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 18.201 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

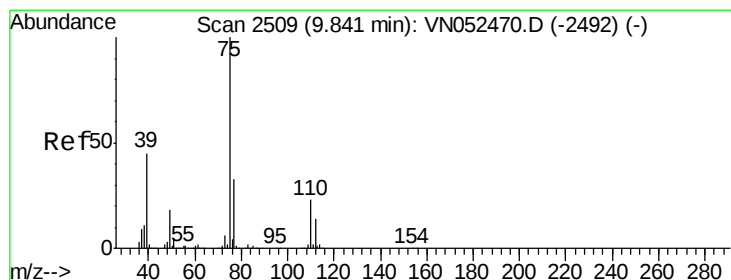
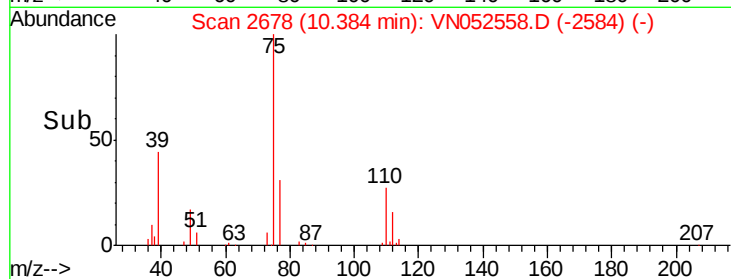
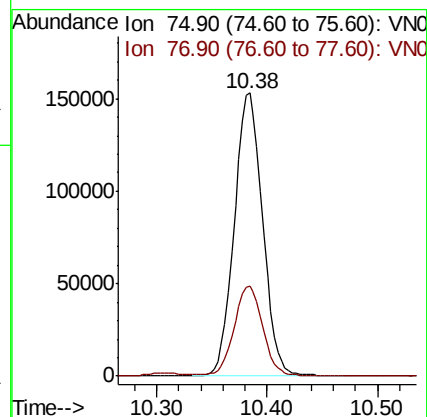
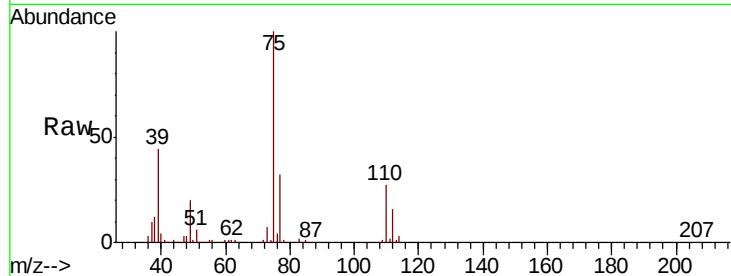
VN1126MBS01

Tot Ion: 75 Resp: 272951

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.660 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

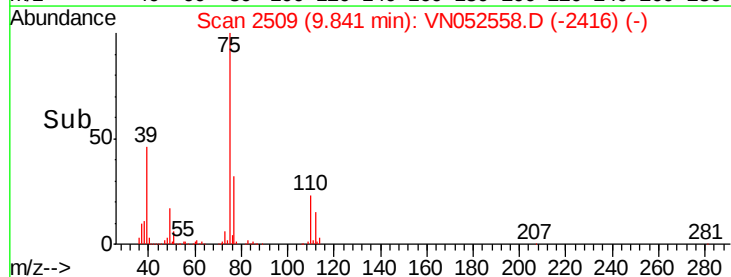
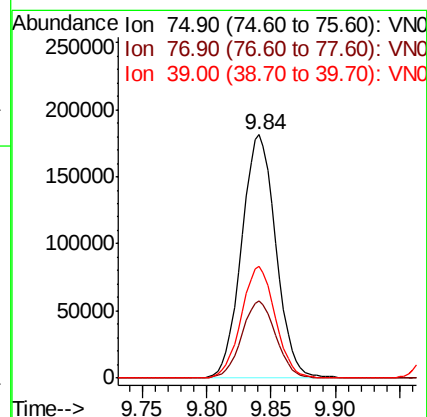
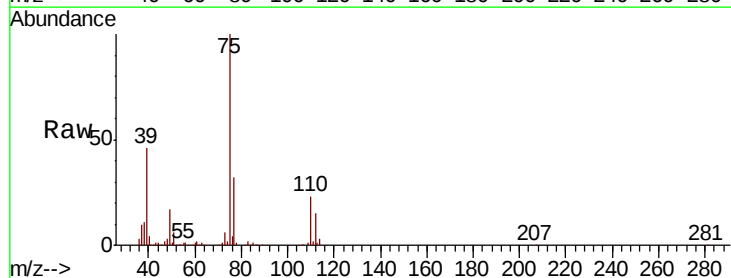
Tgt Ion: 75 Resp: 335358

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 45.6 36.0 54.0

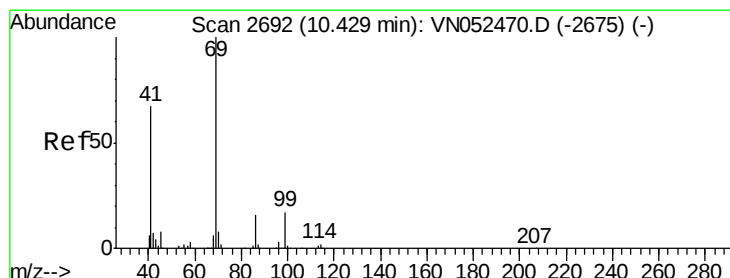
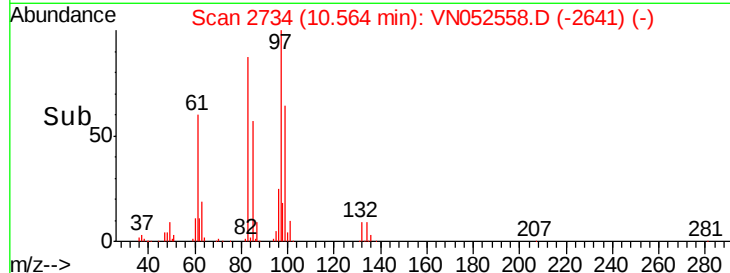
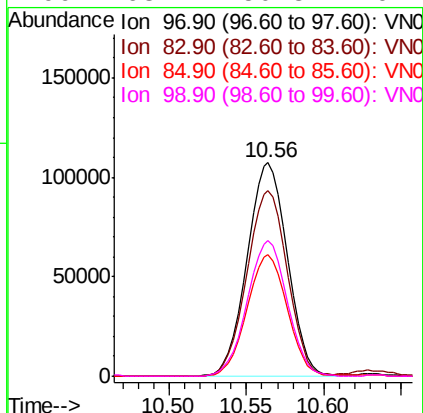
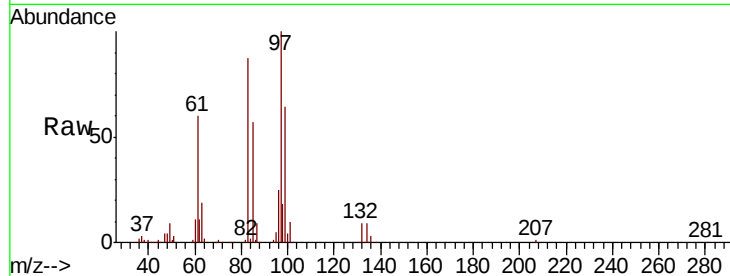




#55
 1,1,2-Trichloroethane
 Concen: 19.151 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

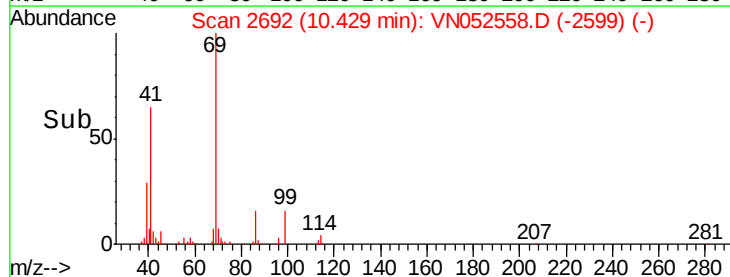
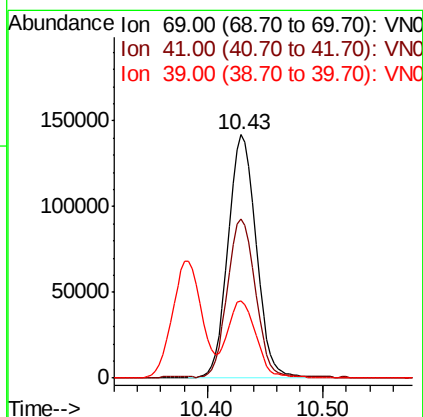
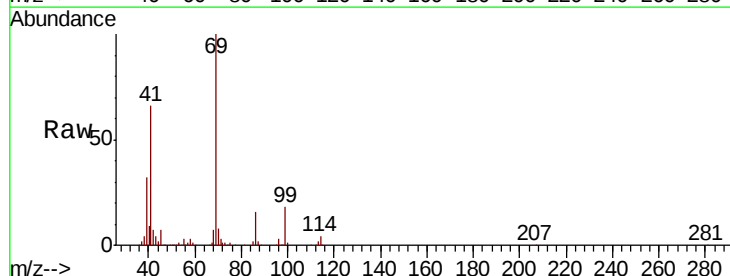
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

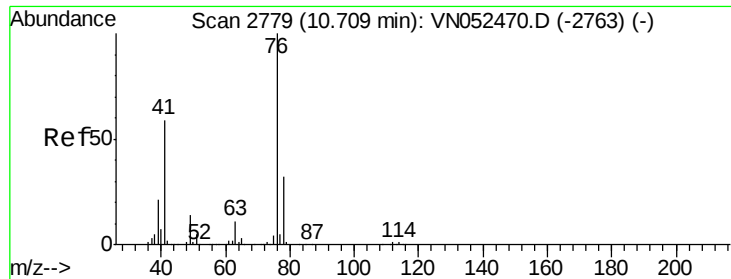
Tot Ion	97	Resp	194989
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.7	106.1
85	56.8	46.1	69.1
99	63.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 18.686 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion	69	Resp	238975
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.6	79.0
39	32.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 18.547 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

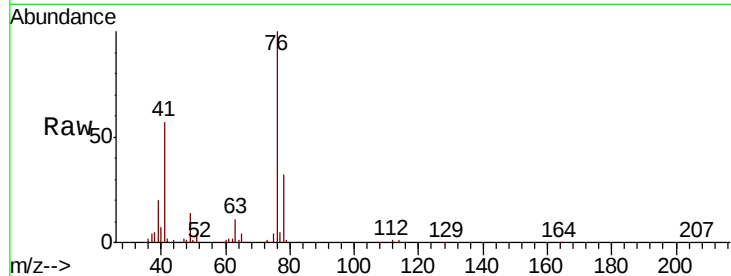
VN1126MBS01

Tot Ion: 76 Resp: 333426

Ion Ratio Lower Upper

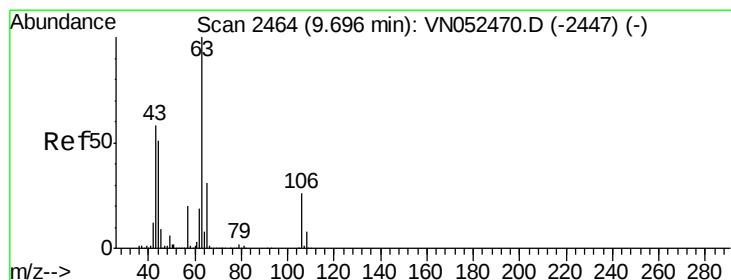
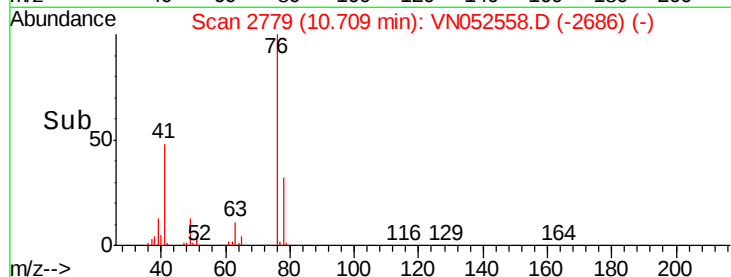
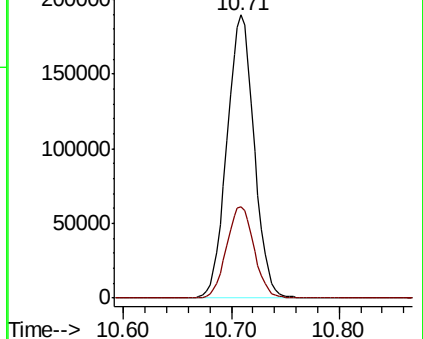
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 93.049 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052558.D

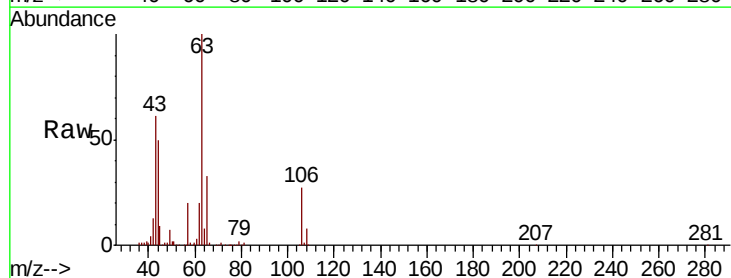
Acq: 29 Nov 2018 12:12

Tgt Ion: 63 Resp: 687441

Ion Ratio Lower Upper

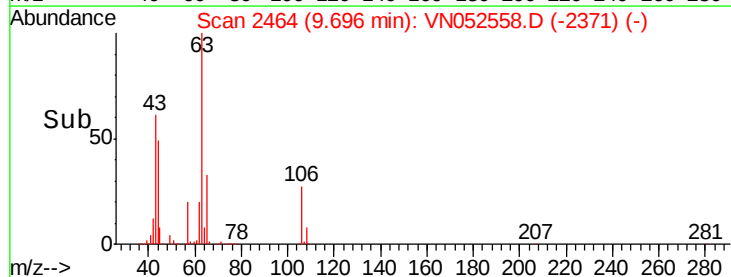
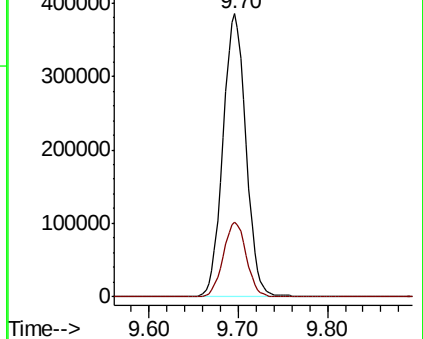
63 100

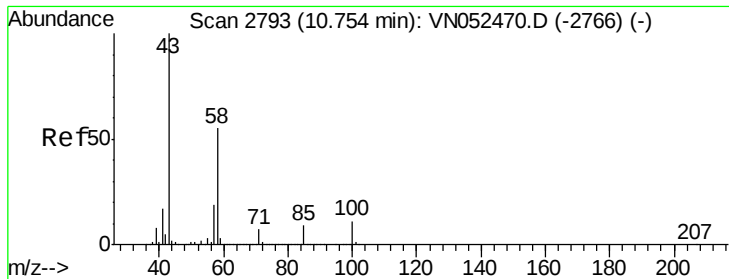
106 26.6 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

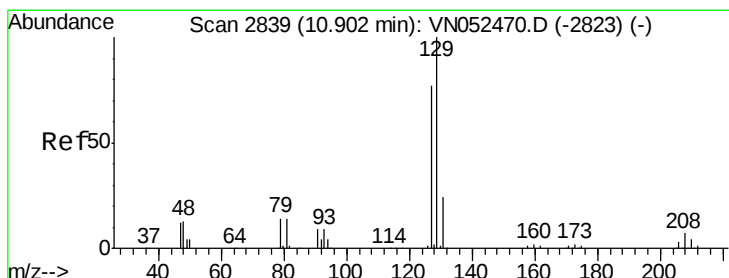
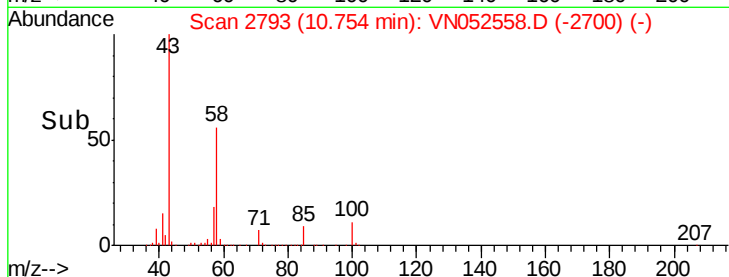
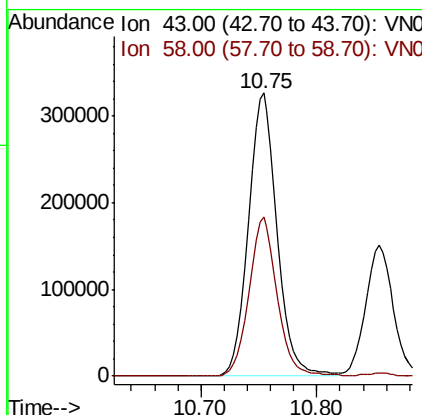
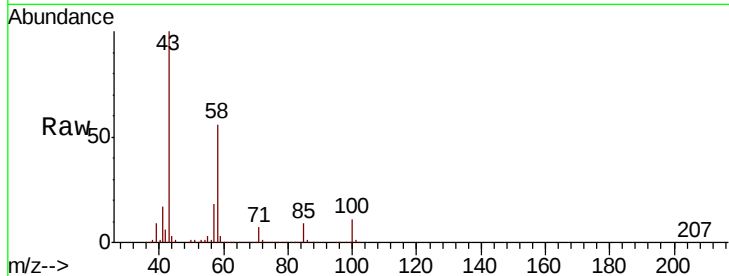




#59
2-Hexanone
Concen: 88.213 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

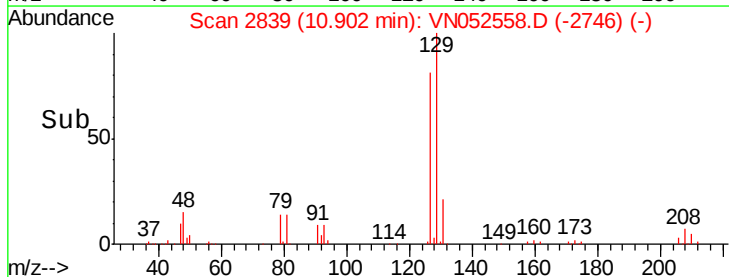
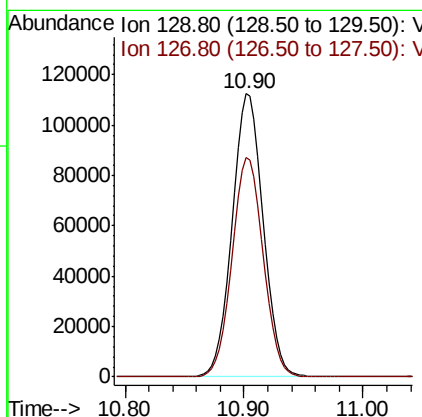
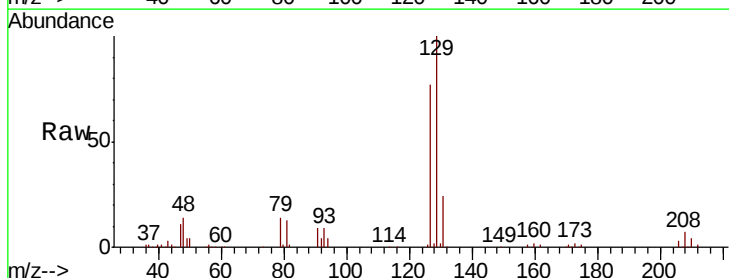
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

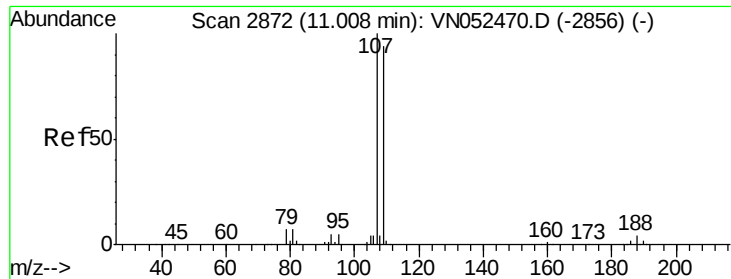
Tot Ion: 43 Resp: 560816
Ion Ratio Lower Upper
43 100
58 55.5 27.4 82.0



#60
Dibromochloromethane
Concen: 18.378 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion:129 Resp: 203230
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

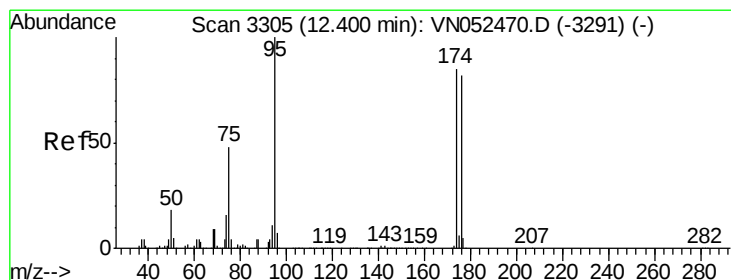
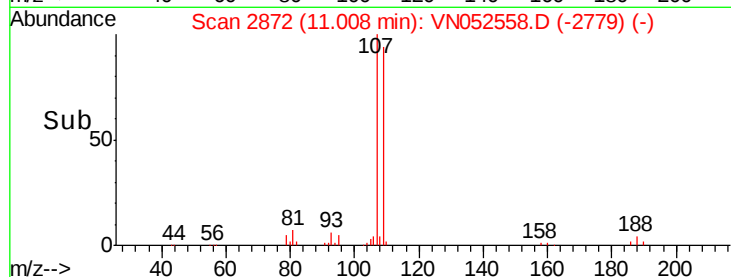
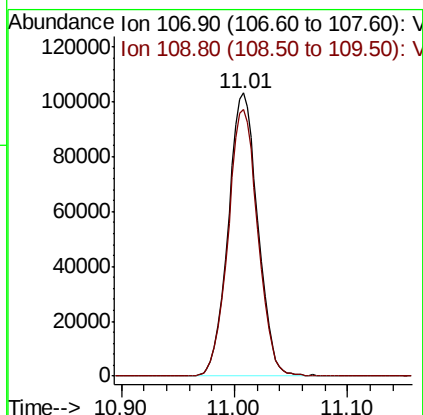
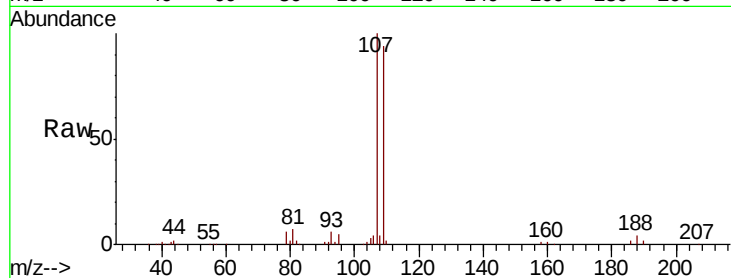




#61
 1,2-Dibromoethane
 Concen: 18.578 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

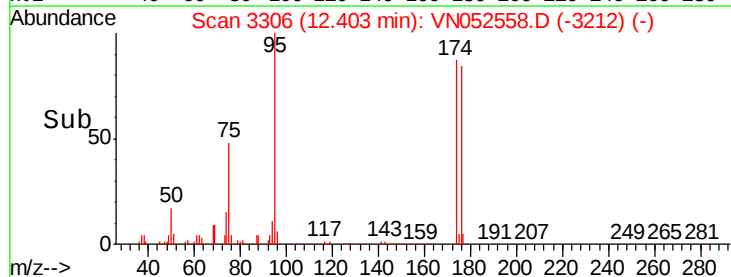
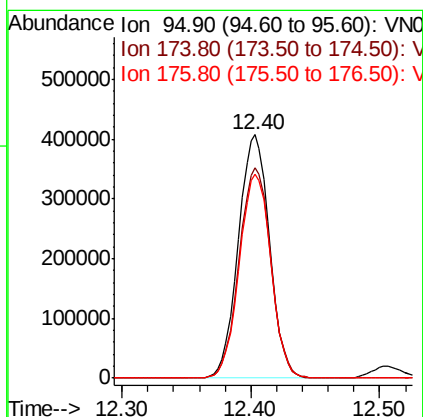
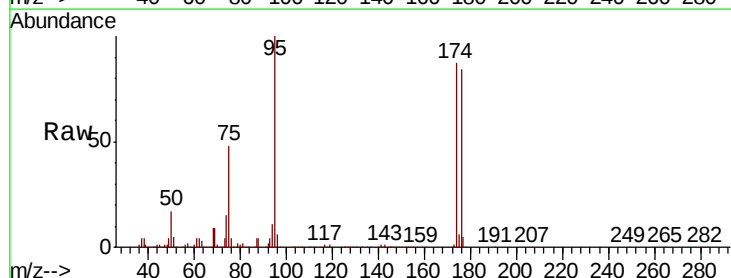
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

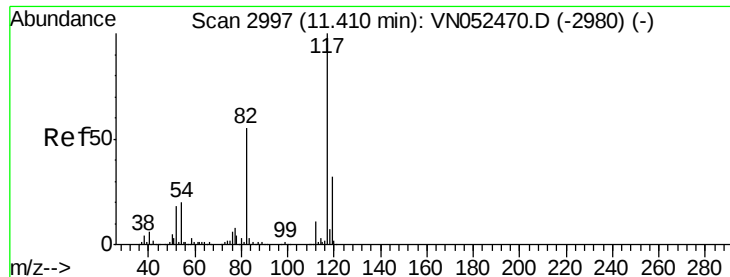
Tot Ion:107 Resp: 187868
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 18.578 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 95 Resp: 684572
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 173.0
 176 85.1 0.0 166.2

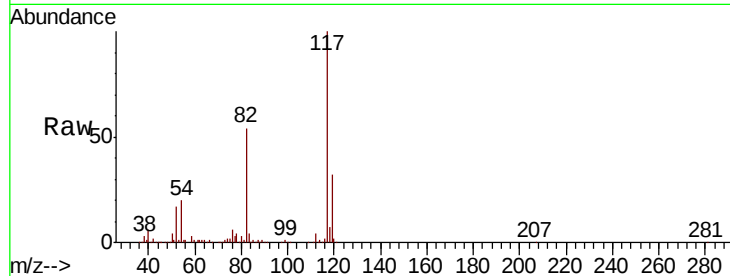




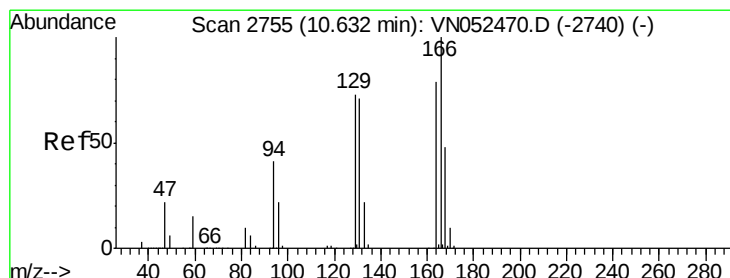
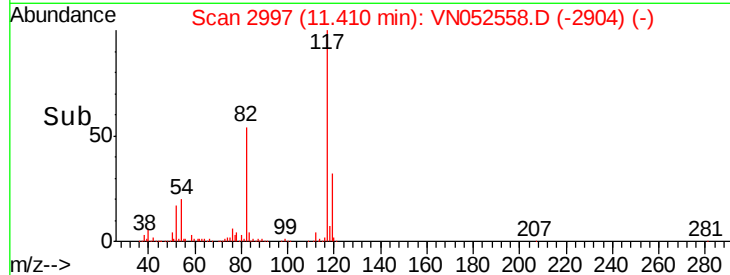
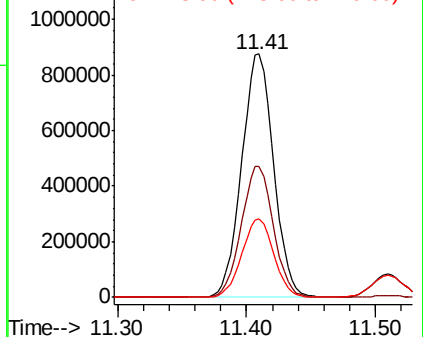
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

Tot Ion:117 Resp: 1508858
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 32.3 25.4 38.2

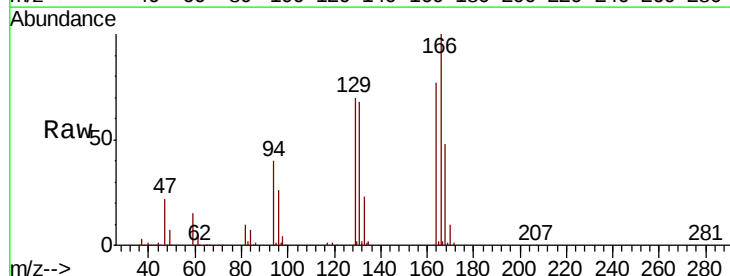


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

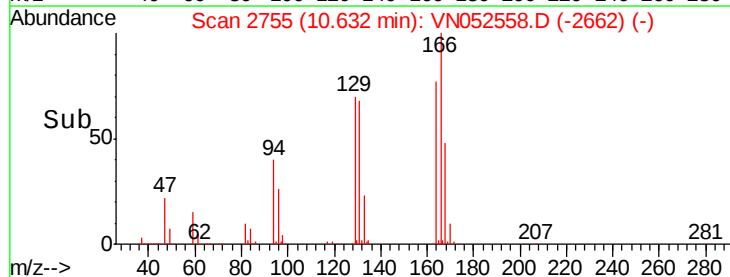
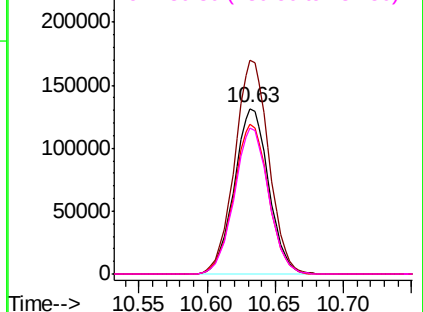


#64
Tetrachloroethene
Concen: 19.612 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion:164 Resp: 229433
Ion Ratio Lower Upper
164 100
166 129.1 101.0 151.4
129 90.9 73.8 110.6
131 88.3 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: 19.438 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

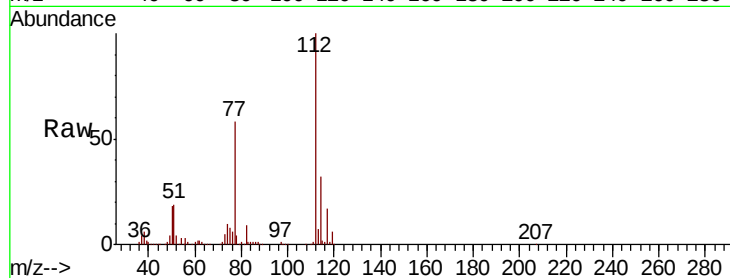
VN1126MBS01

Tot Ion:112 Resp: 604765

Ion Ratio Lower Upper

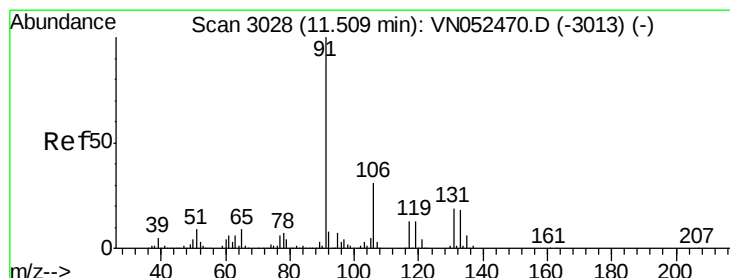
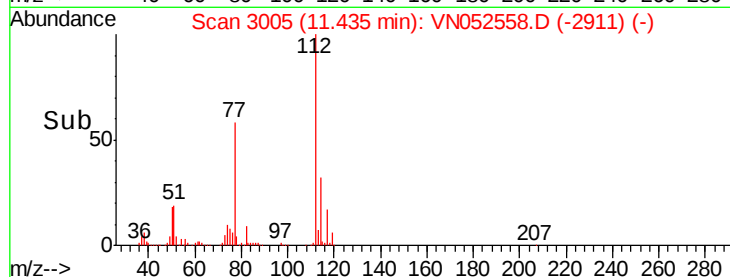
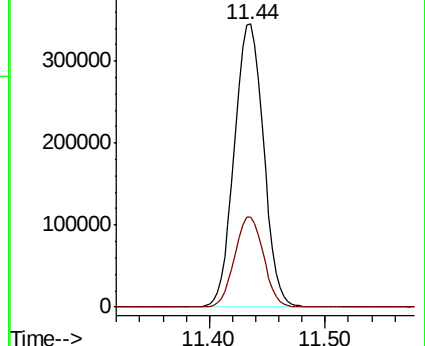
112 100

114 31.8 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.936 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

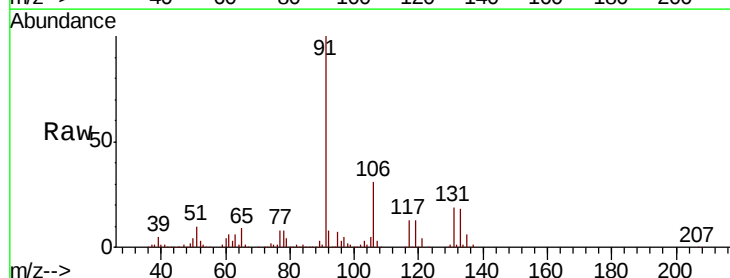
Tgt Ion:131 Resp: 204849

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.8

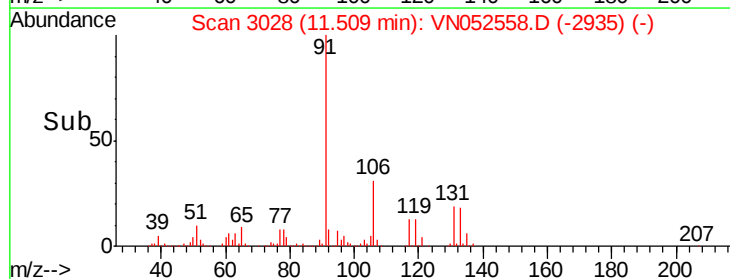
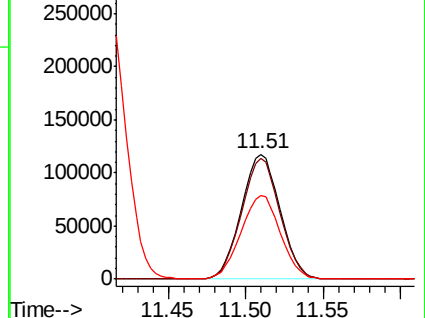
119 68.0 33.2 99.6

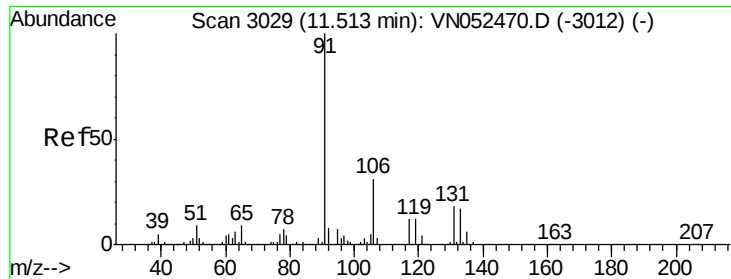


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

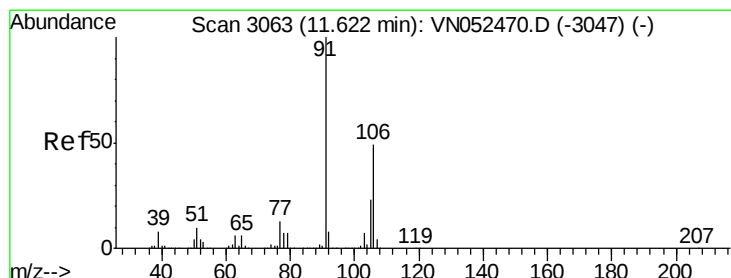
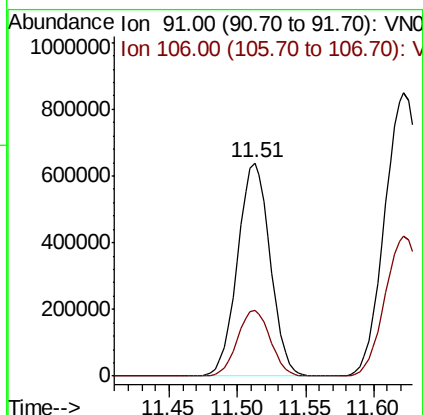
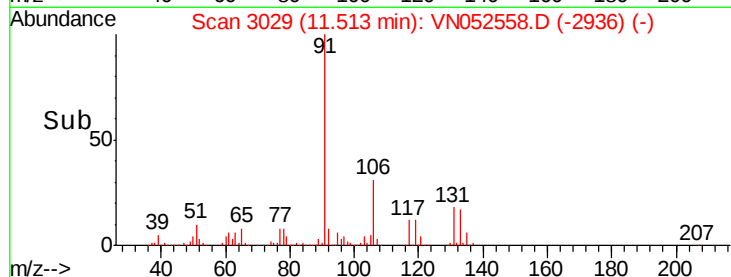
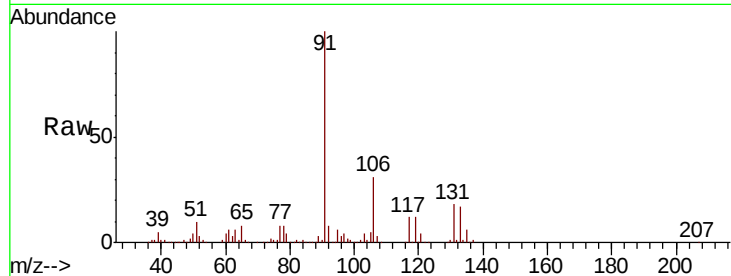




#67
Ethyl Benzene
Concen: 19.492 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

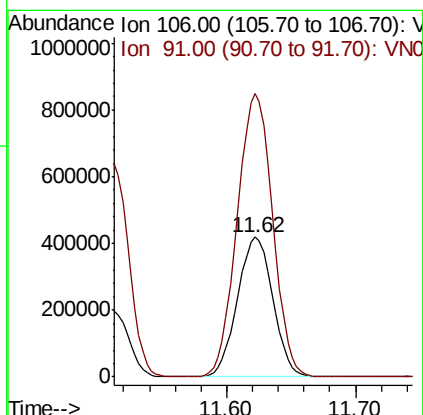
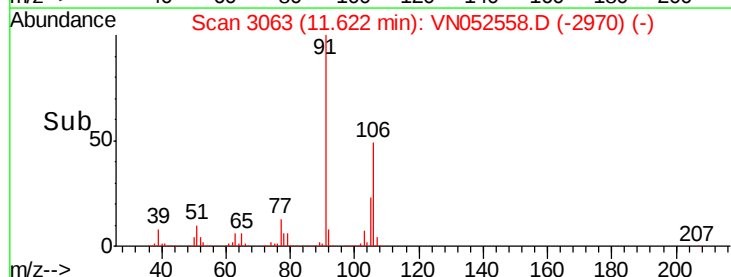
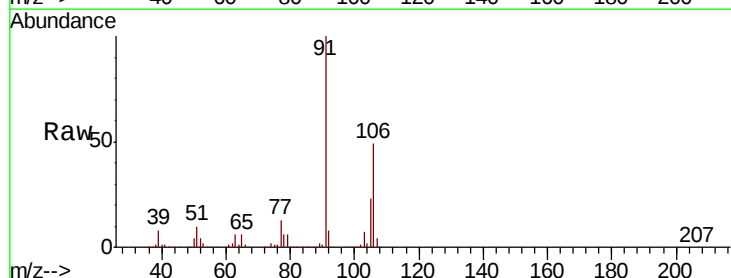
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

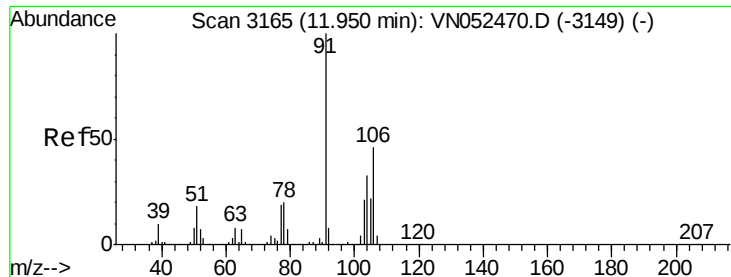
Tot Ion: 91 Resp: 1062010
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 39.466 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion: 106 Resp: 800483
Ion Ratio Lower Upper
106 100
91 203.3 163.2 244.8

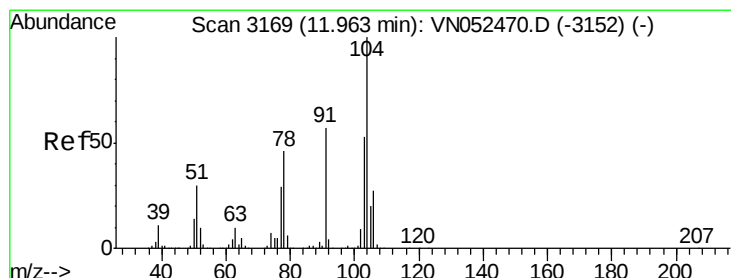
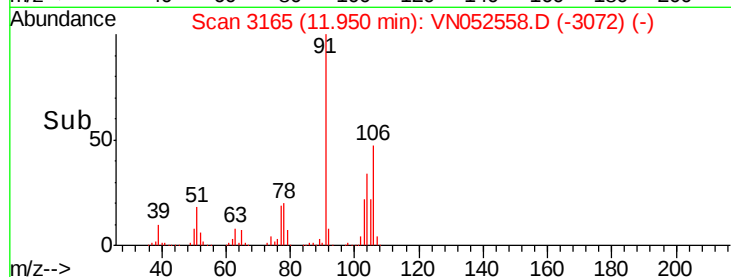
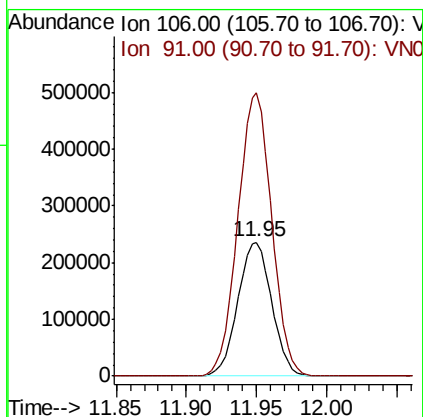
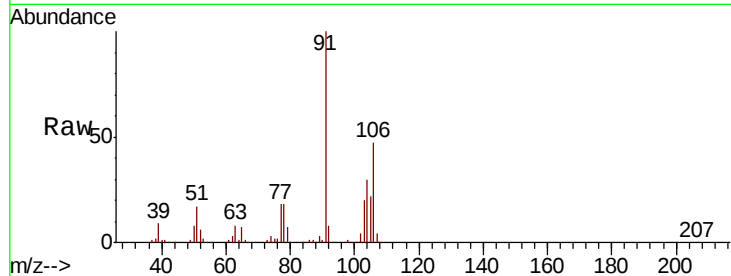




#69
o-Xylene
Concen: 20.124 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

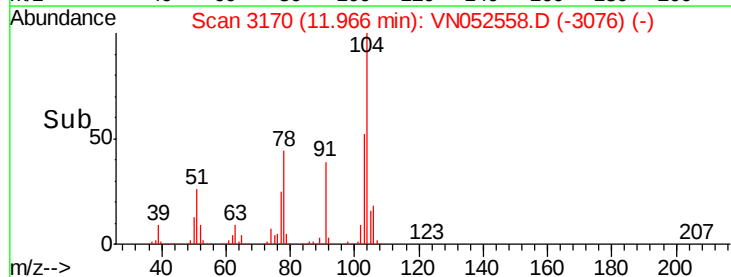
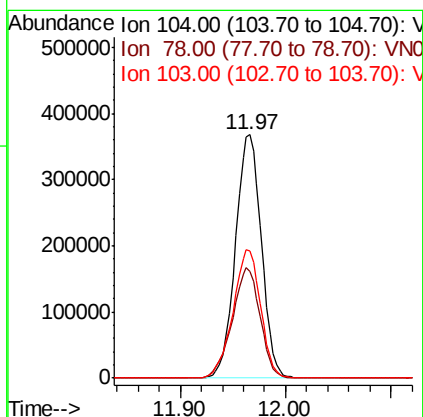
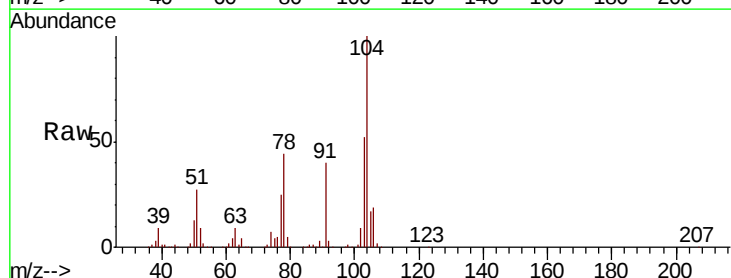
Instrument :
MSVOA_N
ClientSampled :
VN1126MBS01

Tot Ion:106 Resp: 396363
Ion Ratio Lower Upper
106 100
91 211.7 107.7 323.1



#70
Styrene
Concen: 19.891 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion:104 Resp: 624017
Ion Ratio Lower Upper
104 100
78 49.1 39.4 59.2
103 56.2 44.9 67.3

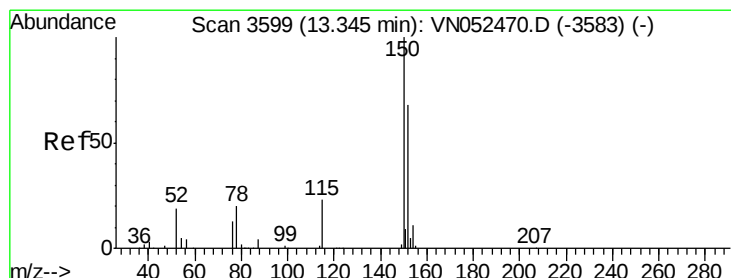
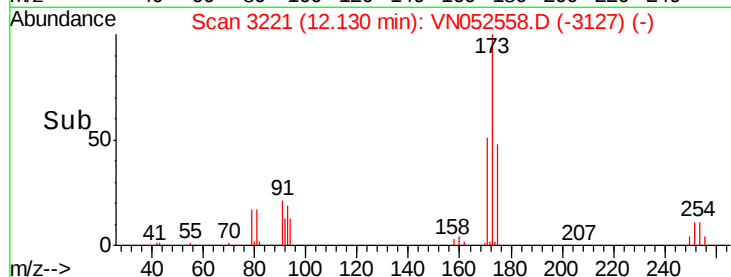
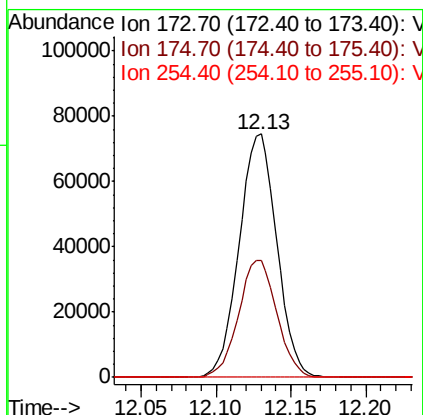
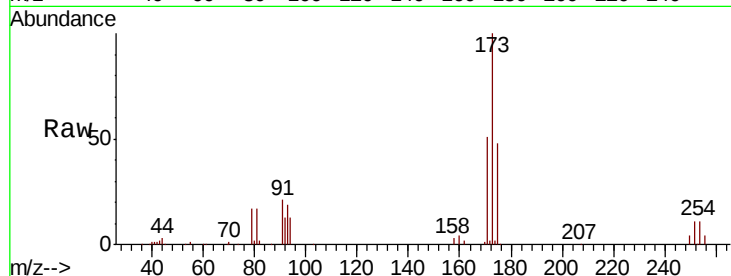




#71
Bromoform
Concen: 18.250 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

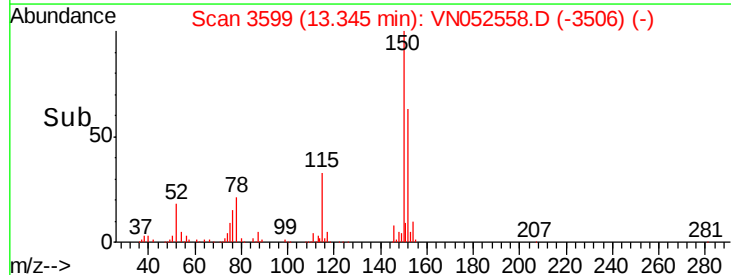
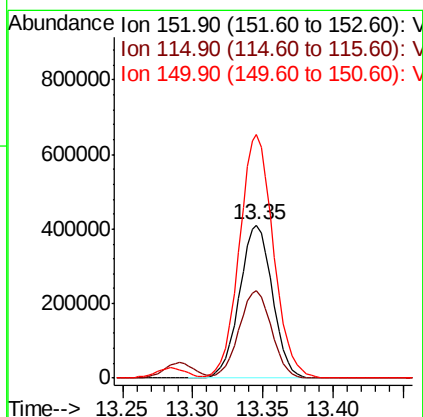
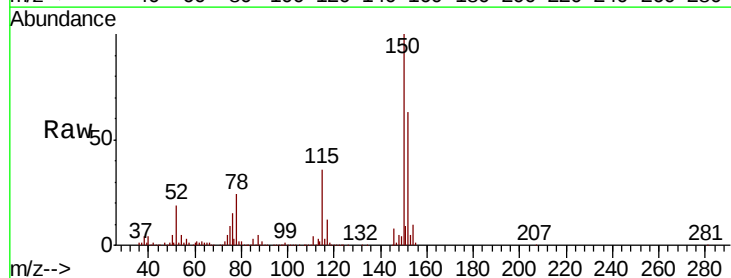
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBS01

Tot Ion:173 Resp: 130719
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052558.D
Acq: 29 Nov 2018 12:12

Tgt Ion:152 Resp: 669629
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 164.7 0.0 346.0





#73

Isopropylbenzene

Concen: 19.779 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

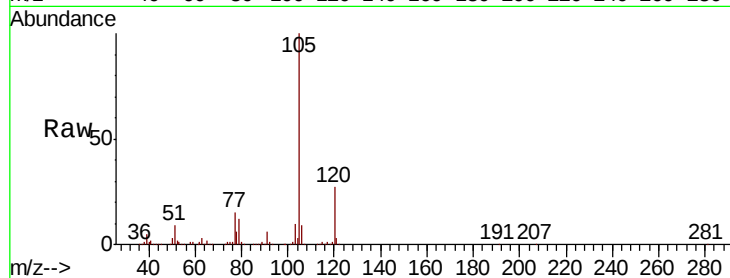
VN1126MBS01

Tot Ion:105 Resp: 1039118

Ion Ratio Lower Upper

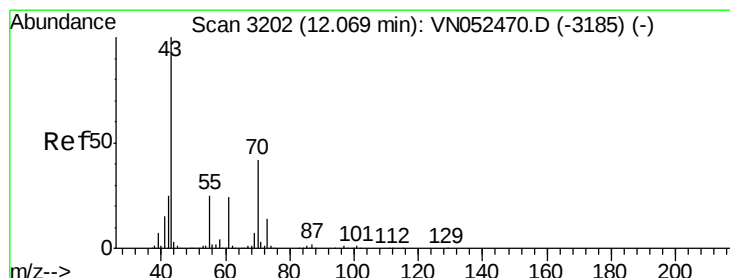
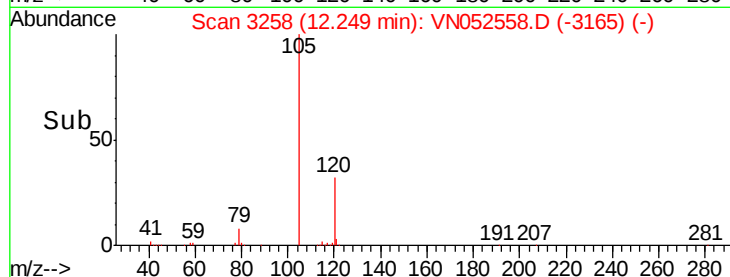
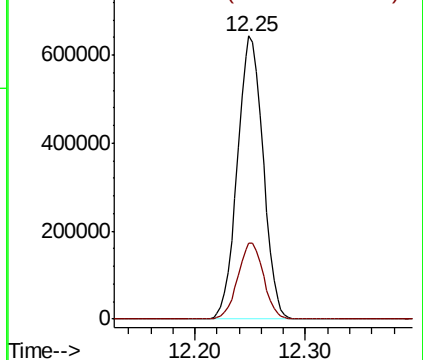
105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.464 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Tgt Ion: 43 Resp: 245063

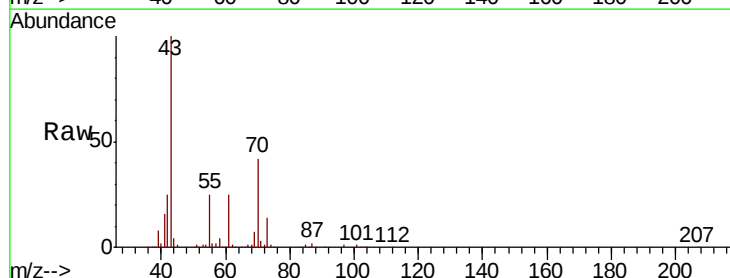
Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.8

55 25.4 20.0 30.0

61 24.3 19.7 29.5

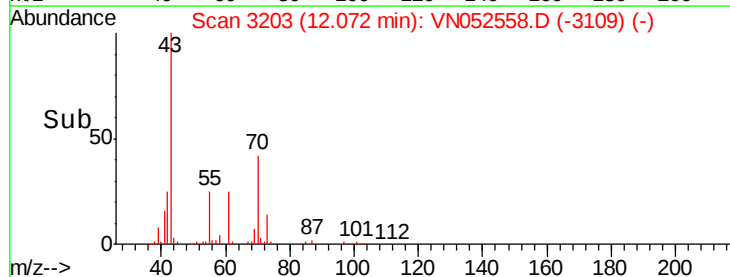
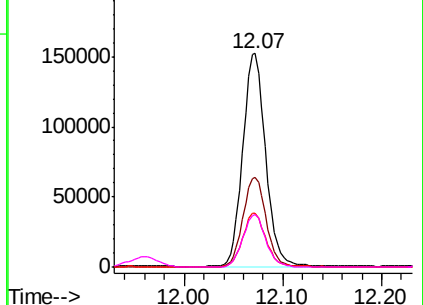


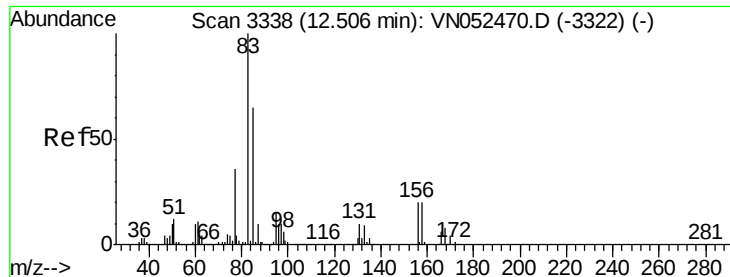
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.408 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

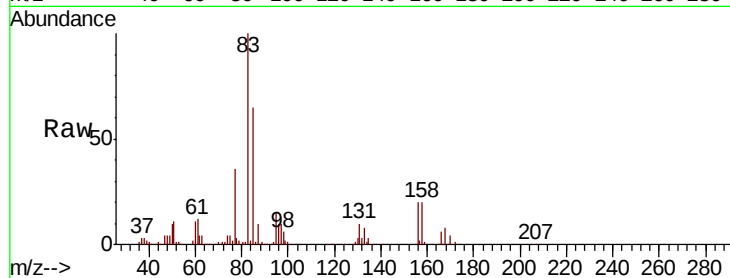
Tot Ion: 83 Resp: 219994

Ion Ratio Lower Upper

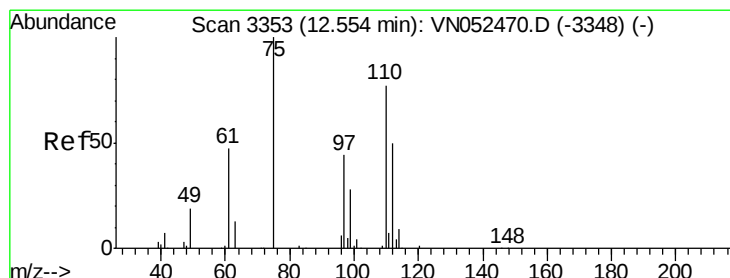
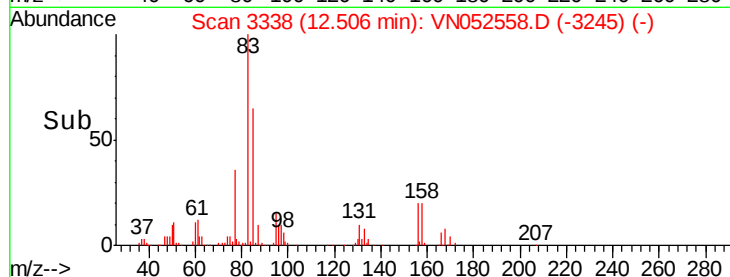
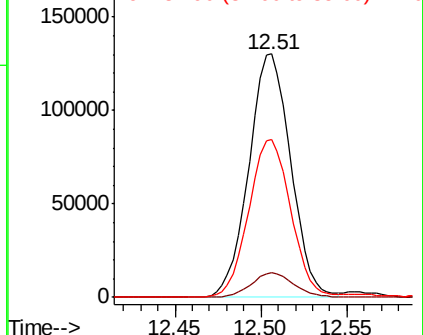
83 100

131 10.3 5.0 15.0

85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.115 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052558.D

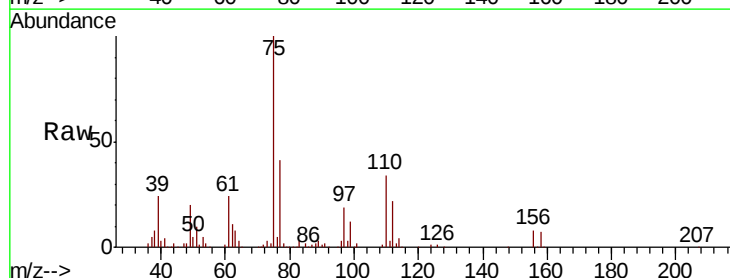
Acq: 29 Nov 2018 12:12

Tgt Ion: 75 Resp: 269665

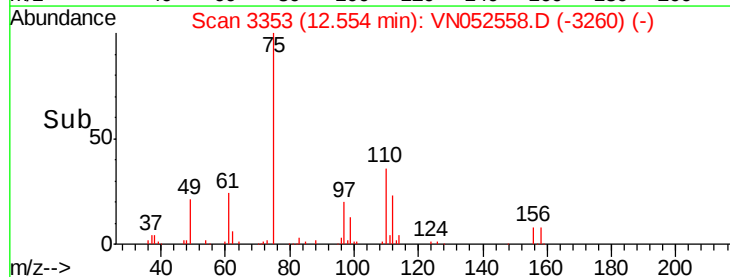
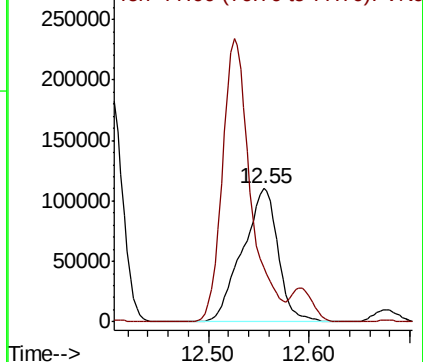
Ion Ratio Lower Upper

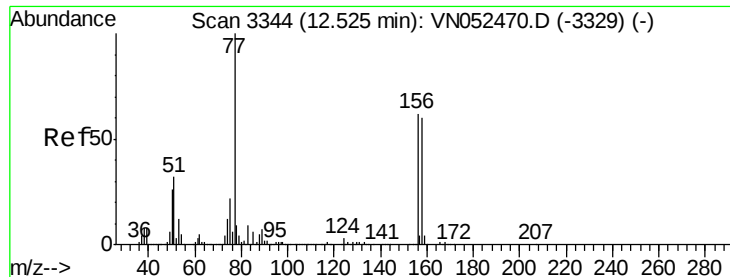
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.739 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

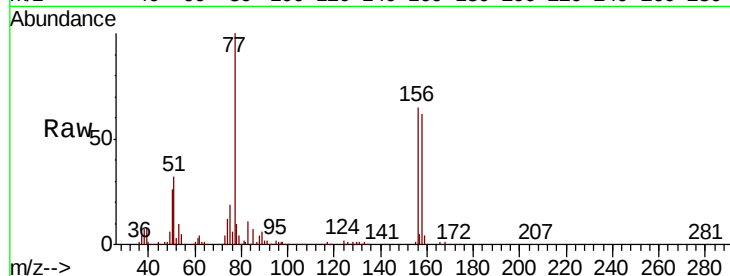
Tot Ion:156 Resp: 256316

Ion Ratio Lower Upper

156 100

77 179.4 93.5 280.4

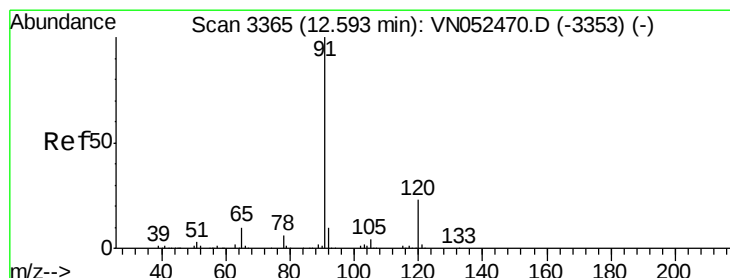
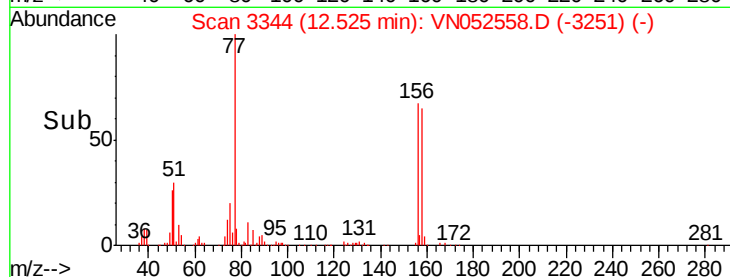
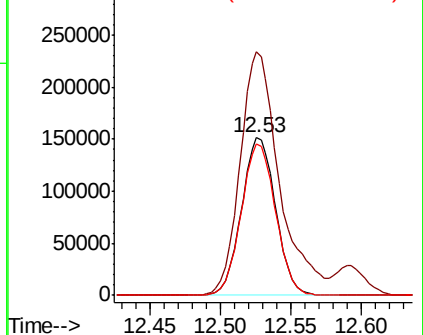
158 96.8 48.3 144.9



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: 19.610 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052558.D

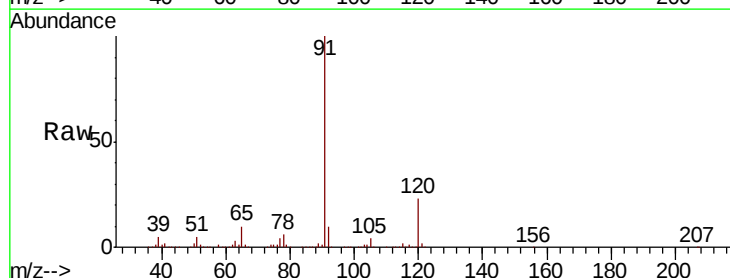
Acq: 29 Nov 2018 12:12

Tgt Ion: 91 Resp: 1170413

Ion Ratio Lower Upper

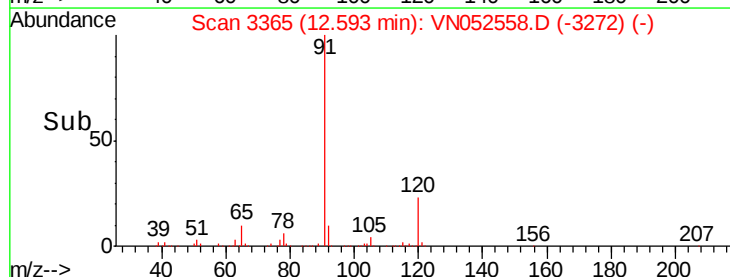
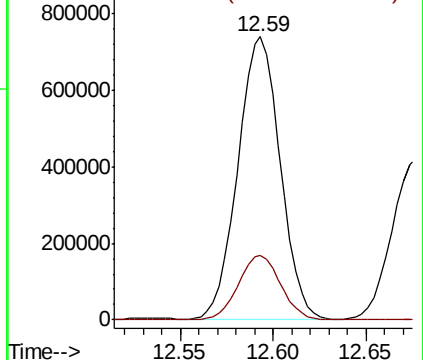
91 100

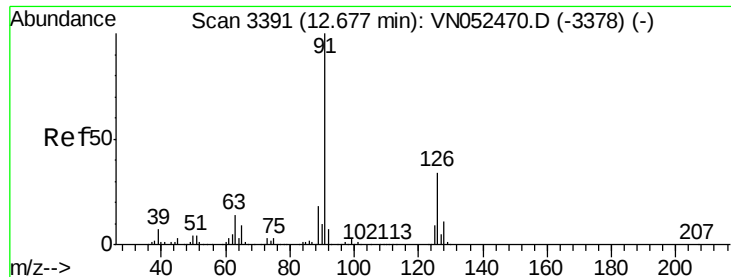
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

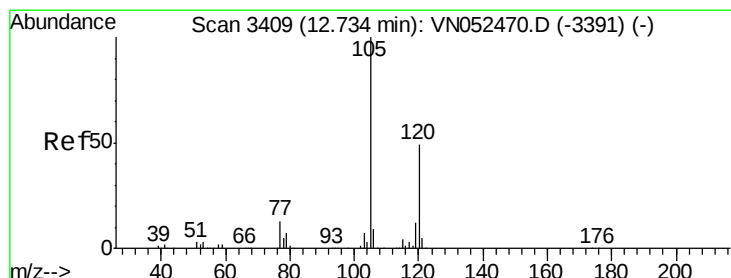
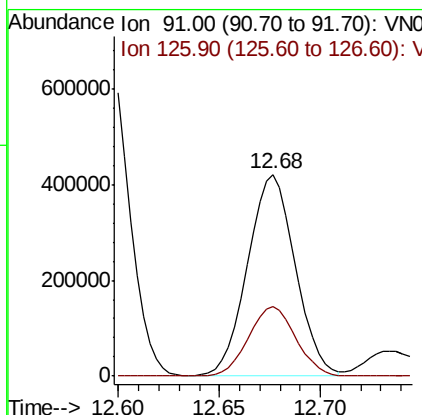
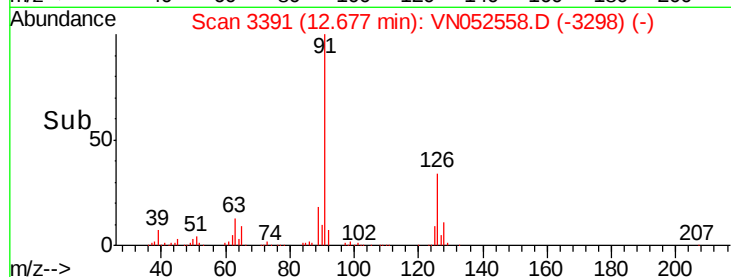
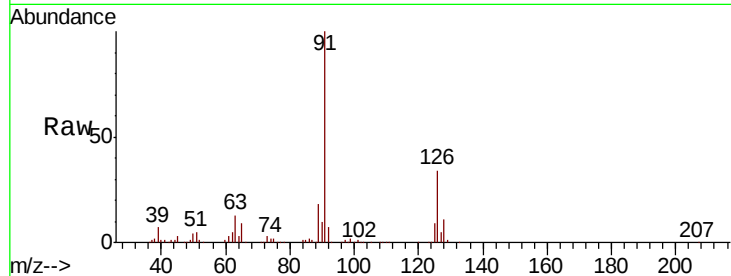




#79
 2-Chlorotoluene
 Concen: 19.492 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

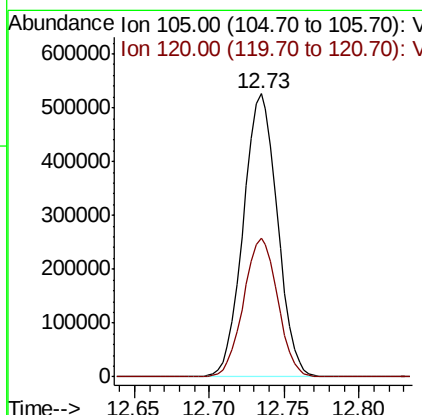
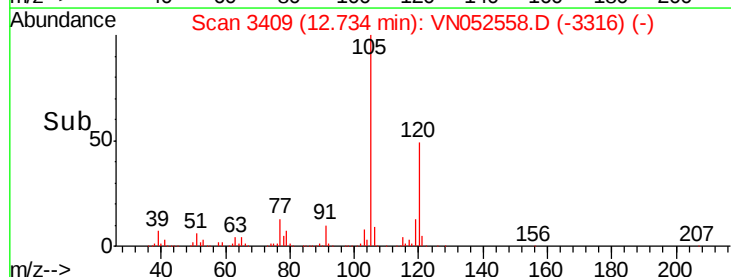
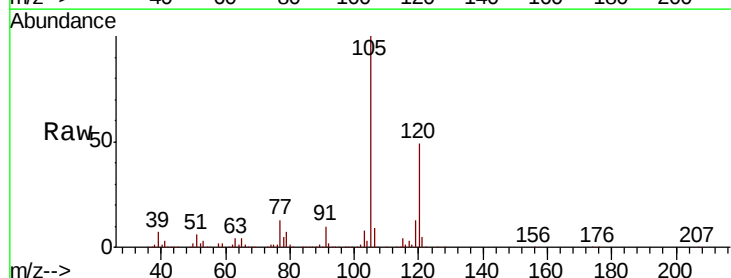
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

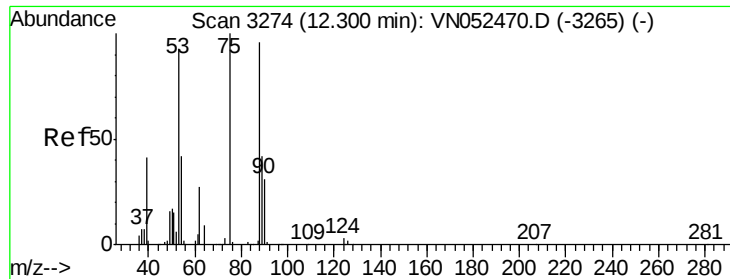
Tot Ion: 91 Resp: 692770
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.876 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion: 105 Resp: 832813
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.617 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

VN1126MBS01

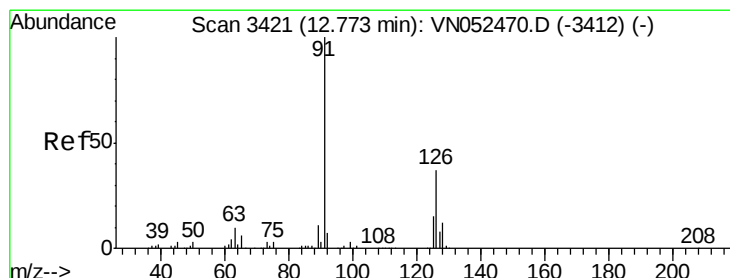
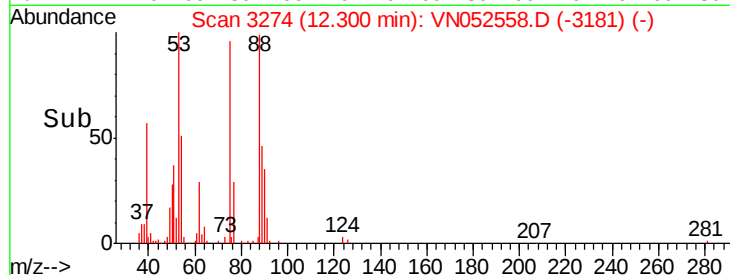
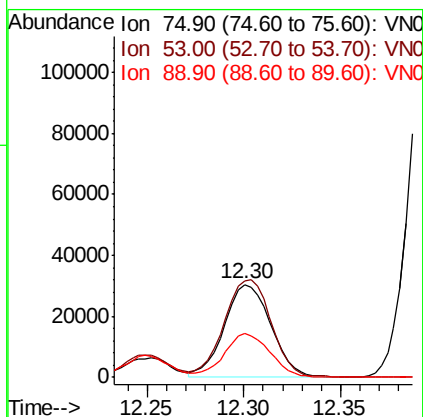
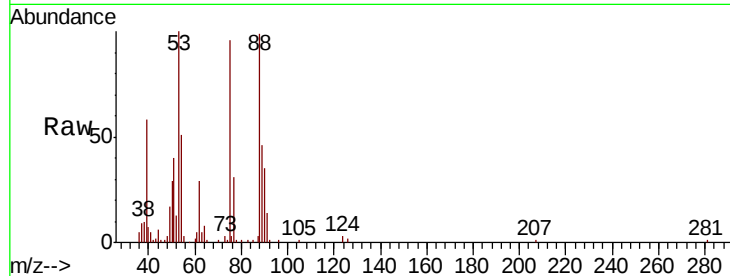
Tot Ion: 75 Resp: 51380

Ion Ratio Lower Upper

75 100

53 106.5 77.4 116.0

89 46.0 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.130 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052558.D

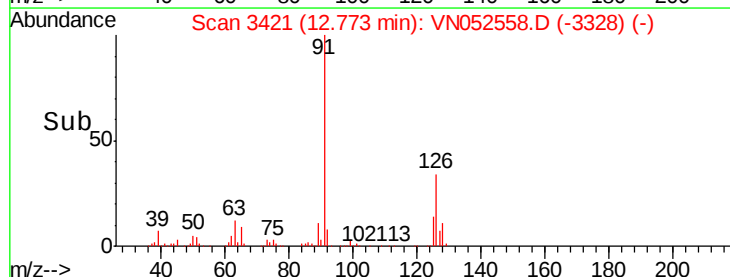
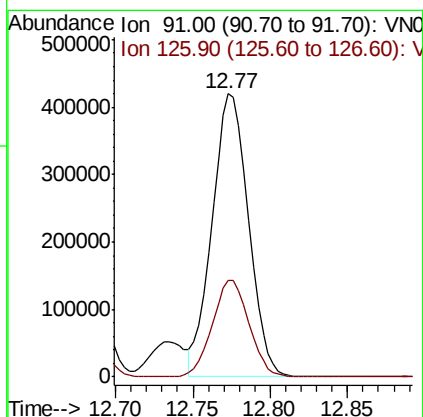
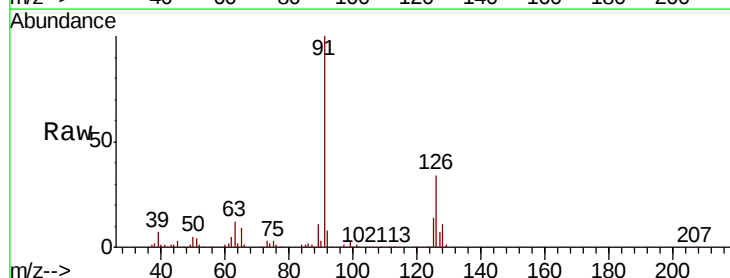
Acq: 29 Nov 2018 12:12

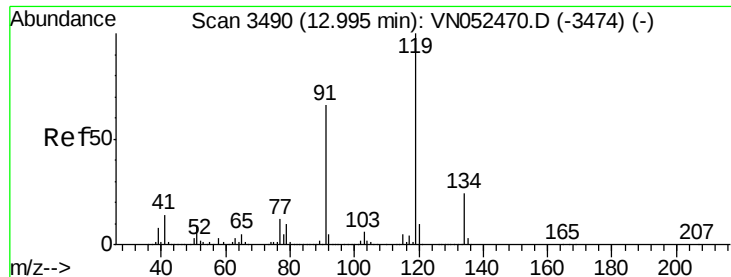
Tgt Ion: 91 Resp: 685229

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.6

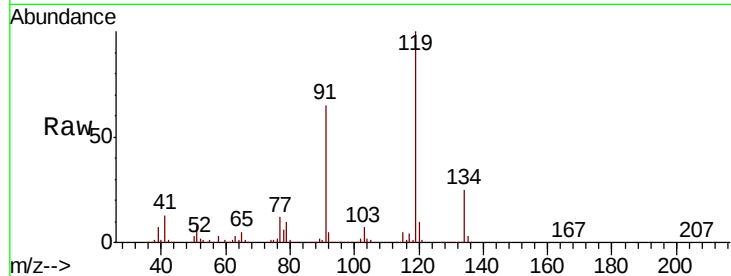




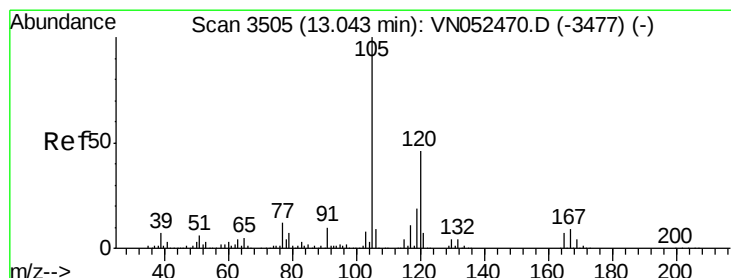
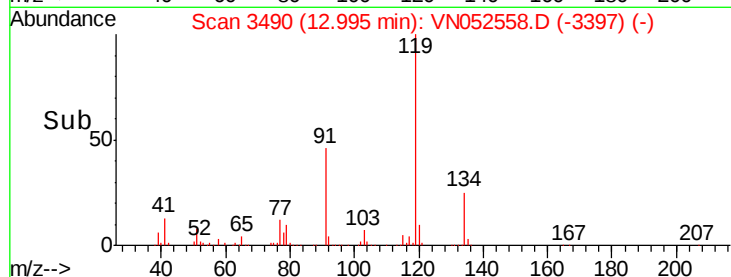
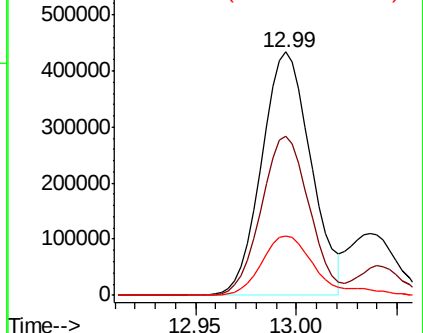
#83
 tert-Butylbenzene
 Concen: 19.730 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN1126MBS01

Tot Ion:119 Resp: 737004
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.3 96.9
 134 26.7 13.0 38.9

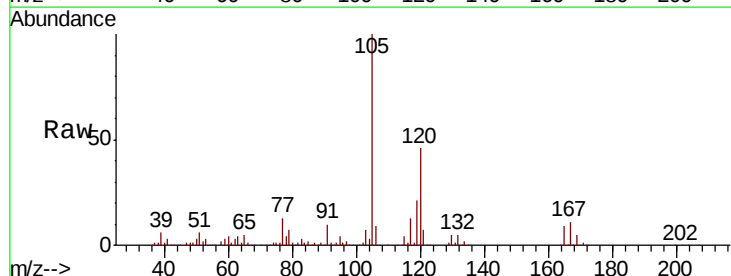


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

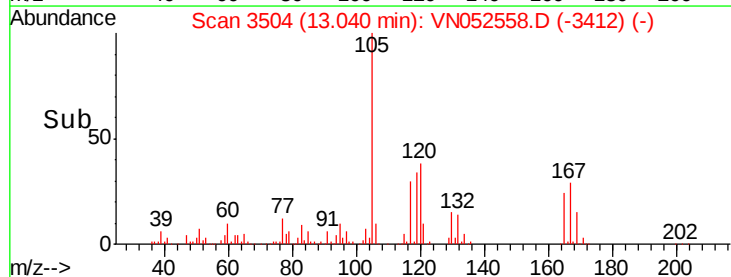
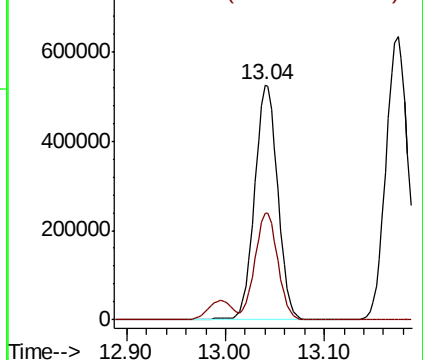


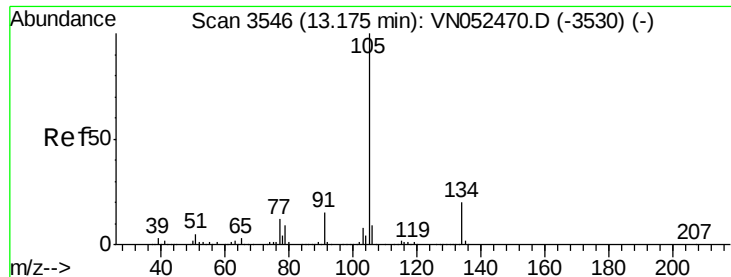
#84
 1,2,4-Trimethylbenzene
 Concen: 20.064 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion:105 Resp: 842507
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.491 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

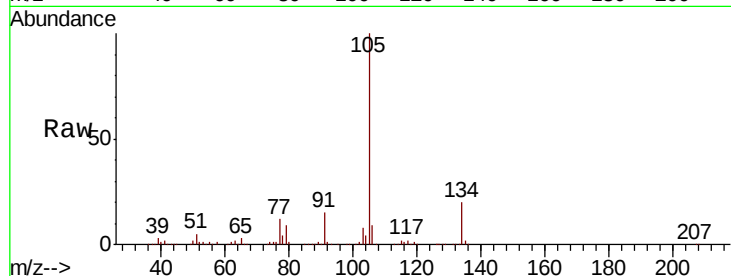
VN1126MBS01

Tot Ion:105 Resp: 991644

Ion Ratio Lower Upper

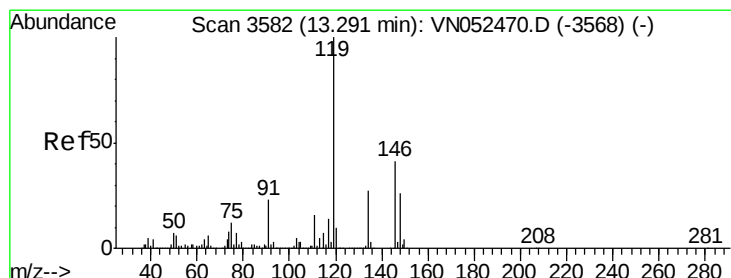
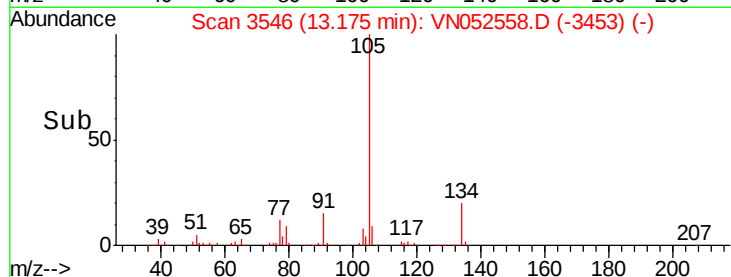
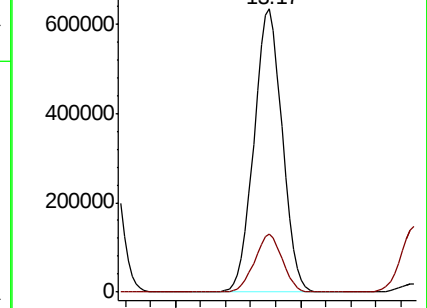
105 100

134 20.1 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.712 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

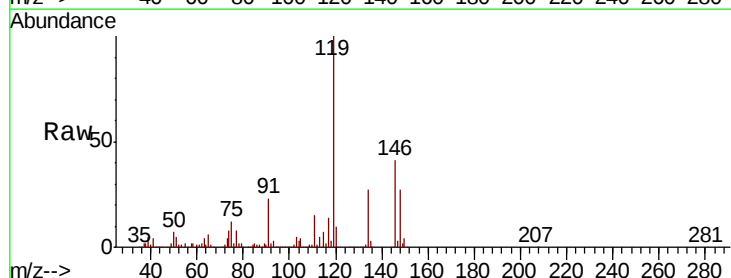
Tgt Ion:119 Resp: 854193

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

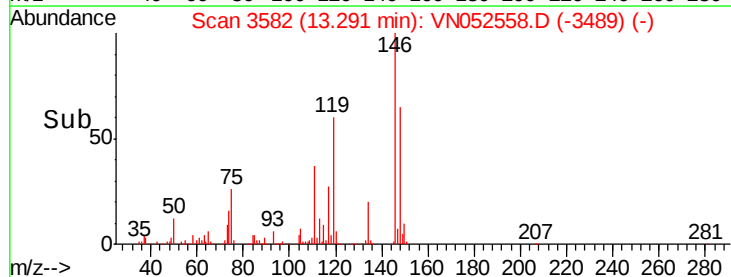
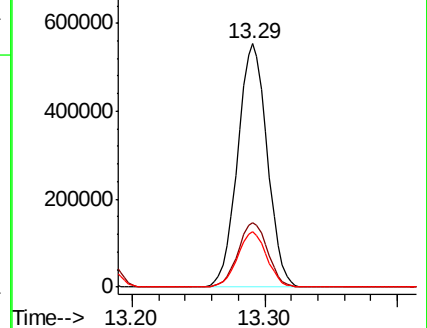
91 22.3 11.4 34.2

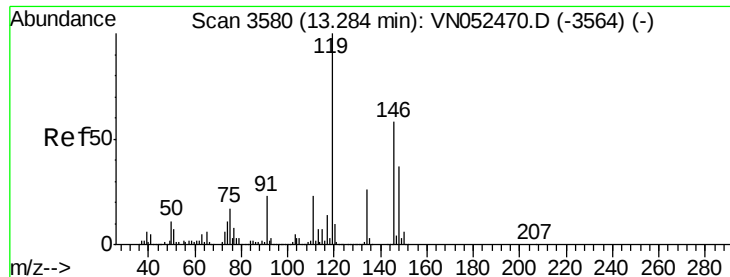


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.251 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

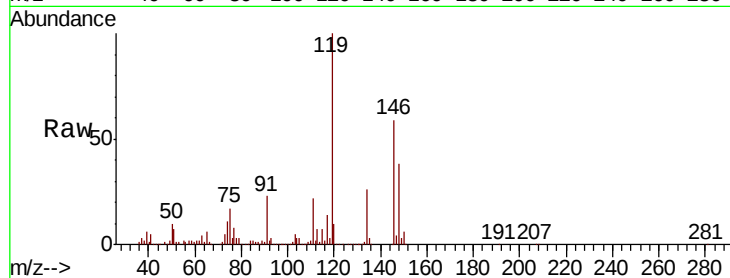
Tot Ion:146 Resp: 437290

Ion Ratio Lower Upper

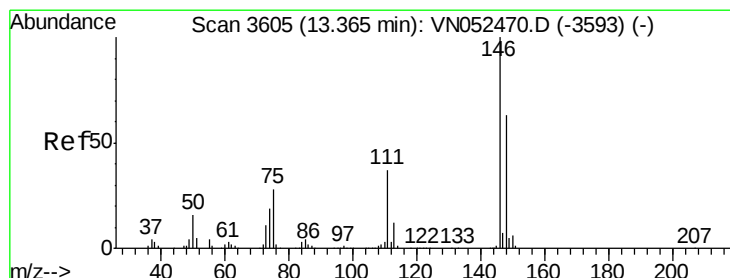
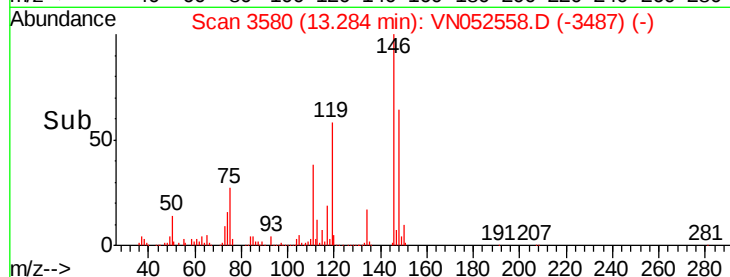
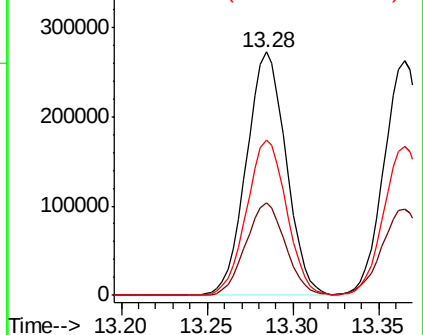
146 100

111 37.9 19.4 58.4

148 64.4 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 19.075 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

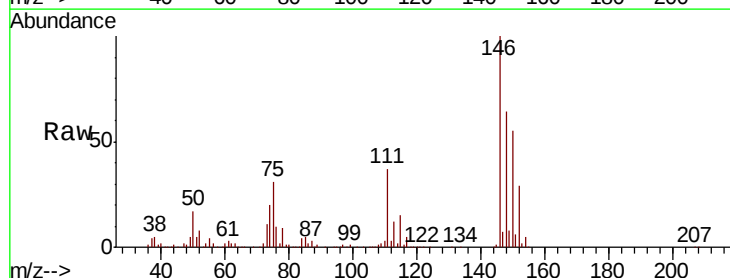
Tgt Ion:146 Resp: 426777

Ion Ratio Lower Upper

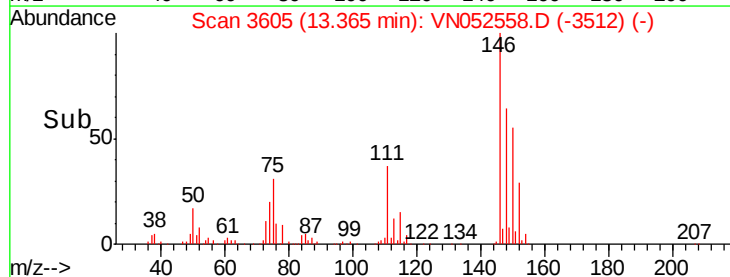
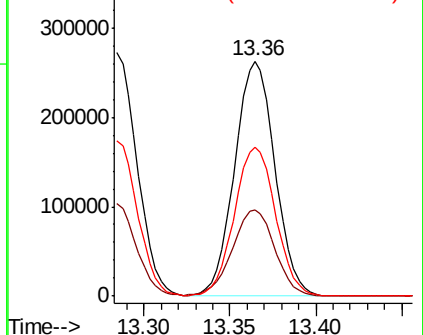
146 100

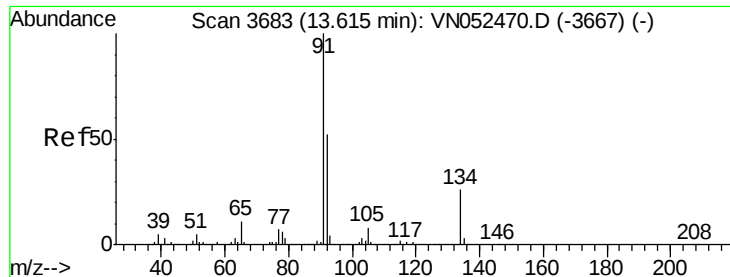
111 39.0 18.6 56.0

148 64.9 31.9 95.9



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





#89

n-Butylbenzene

Concen: 19.284 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

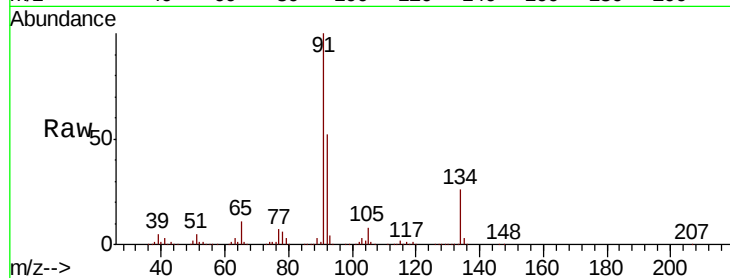
Tot Ion: 91 Resp: 694975

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.3

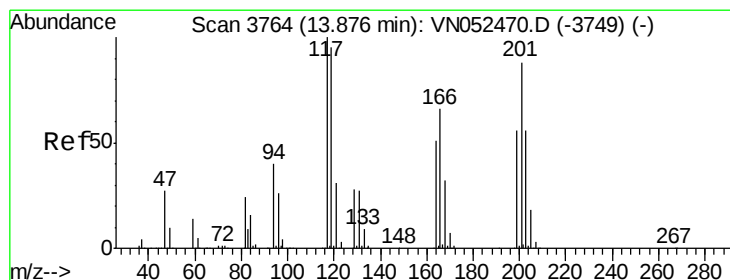
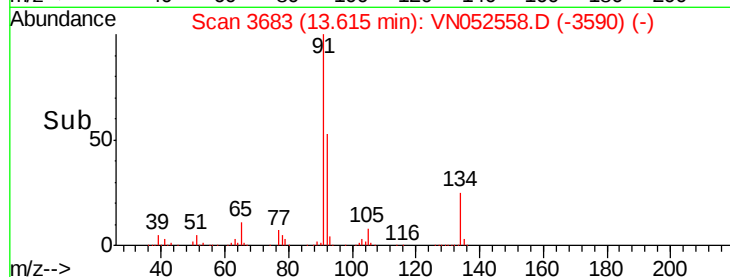
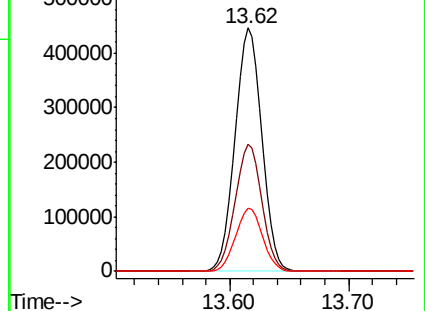
134 26.1 13.0 38.9



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: 18.018 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052558.D

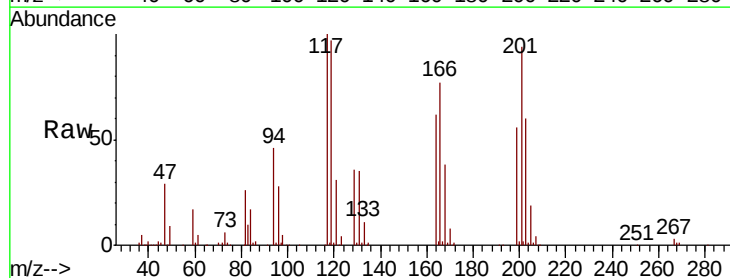
Acq: 29 Nov 2018 12:12

Tgt Ion: 117 Resp: 132207

Ion Ratio Lower Upper

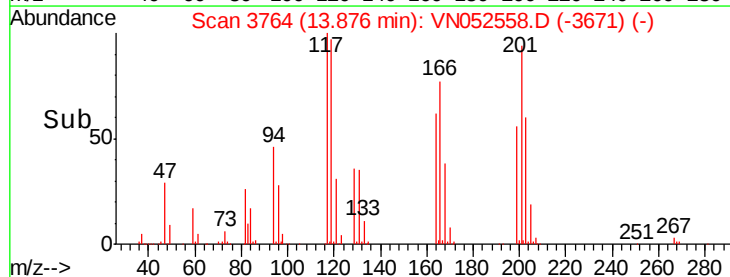
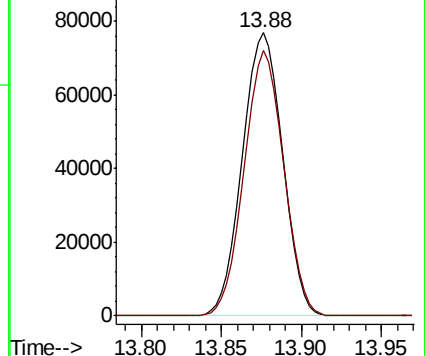
117 100

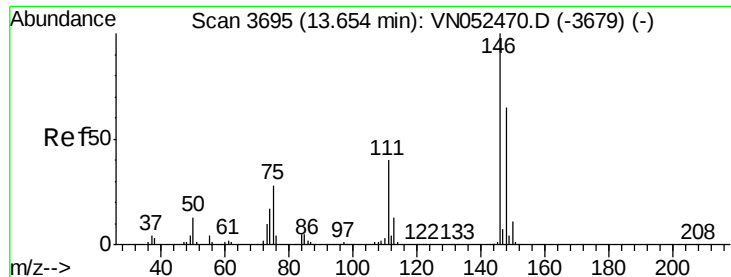
201 91.8 43.6 130.9



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: 19.749 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

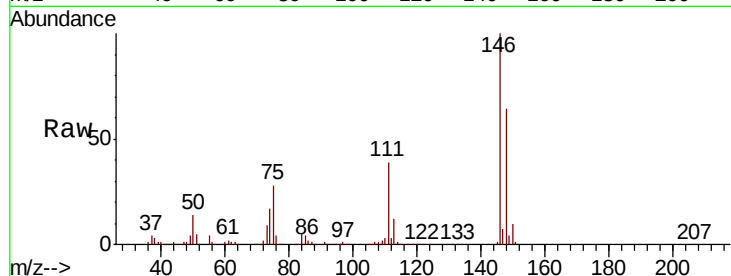
Tot Ion:146 Resp: 428572

Ion Ratio Lower Upper

146 100

111 38.8 20.0 60.0

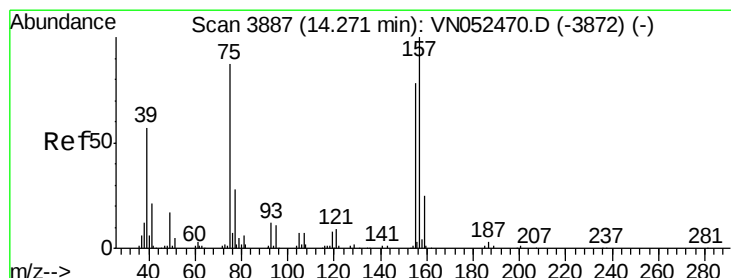
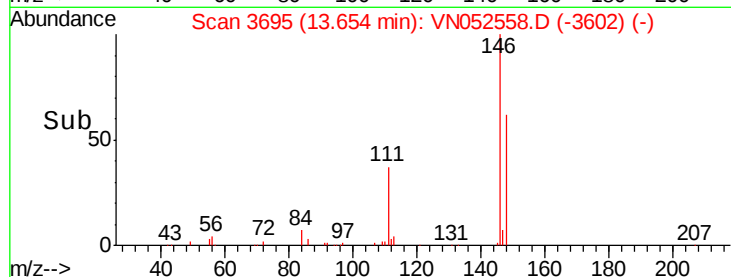
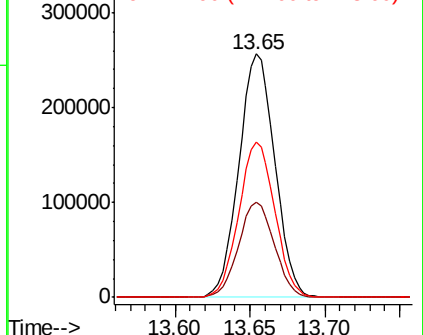
148 63.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.877 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

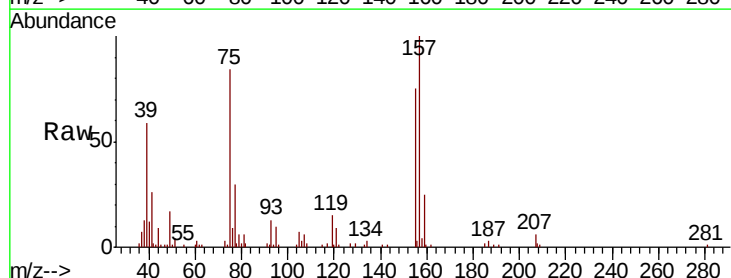
Tgt Ion: 75 Resp: 28847

Ion Ratio Lower Upper

75 100

155 93.4 45.3 135.9

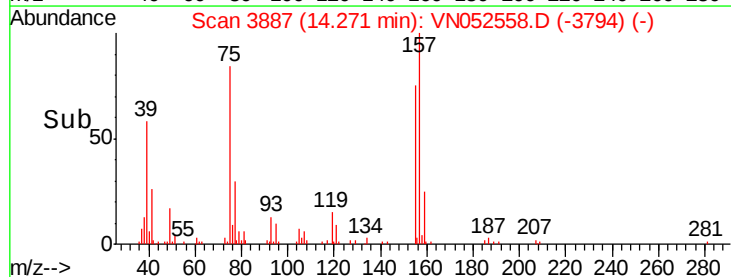
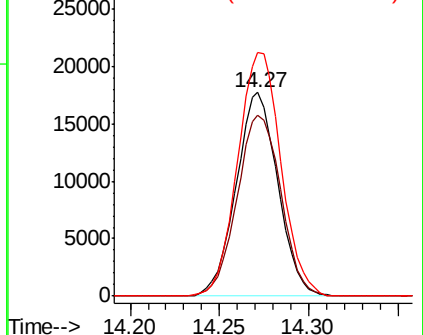
157 124.4 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

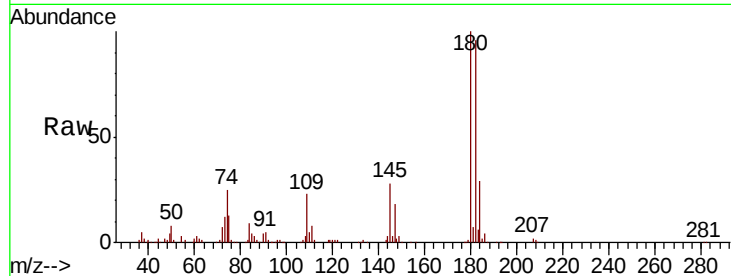




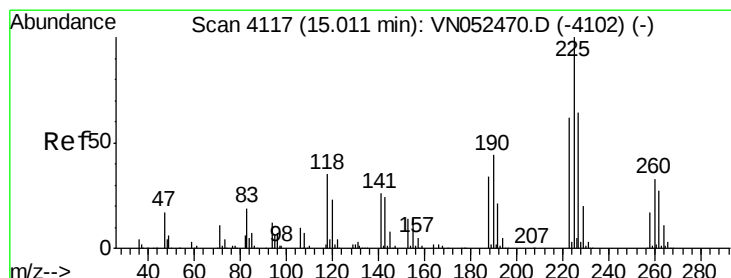
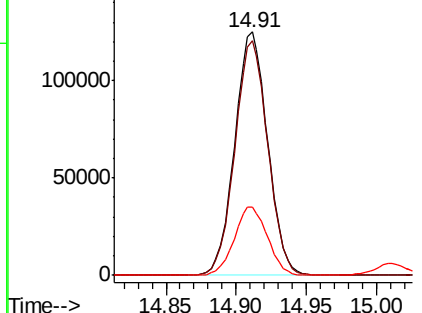
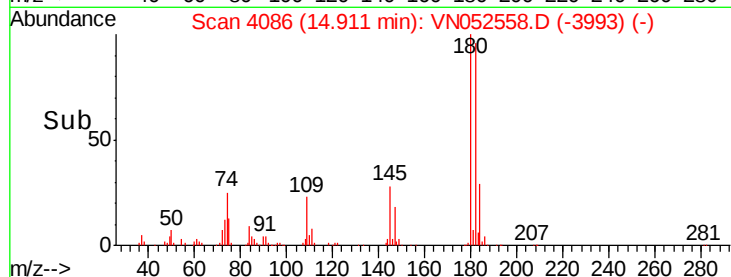
#93
 1,2,4-Trichlorobenzene
 Concen: 19.042 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	28.3	14.1	42.3

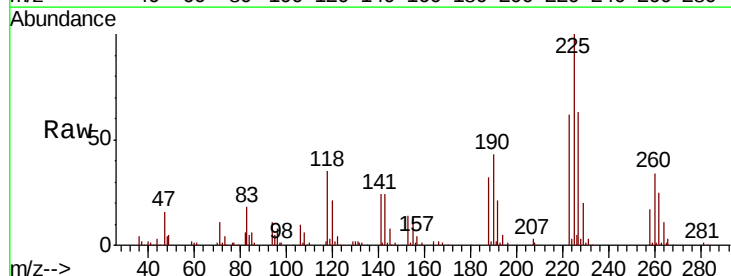


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

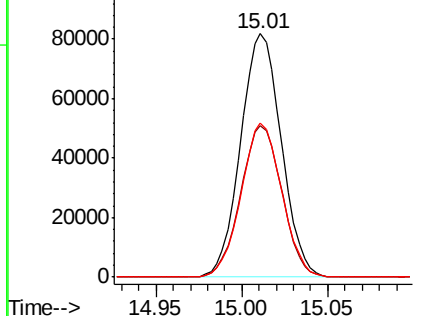
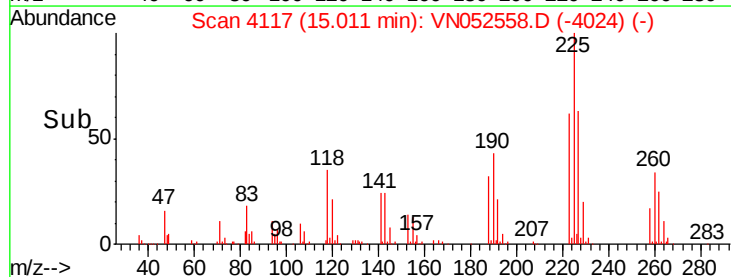


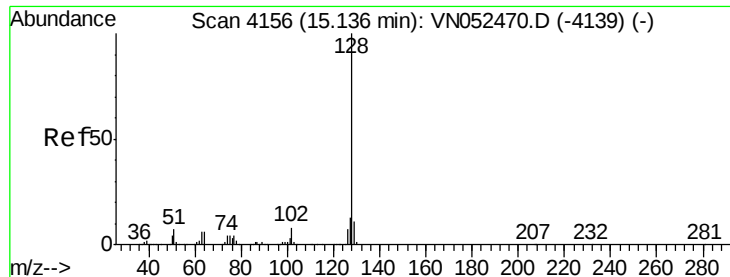
#94
 Hexachlorobutadiene
 Concen: 19.265 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052558.D
 Acq: 29 Nov 2018 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.2
227	63.1	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: 18.660 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBS01

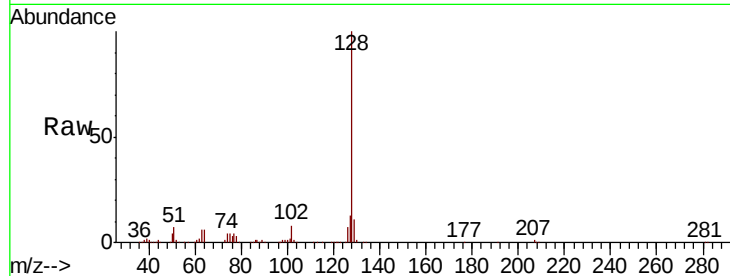
Tot Ion:128 Resp: 412262

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

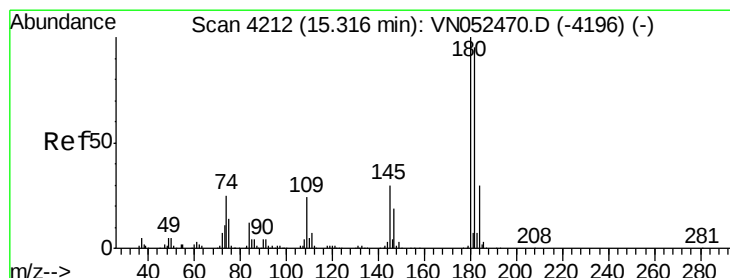
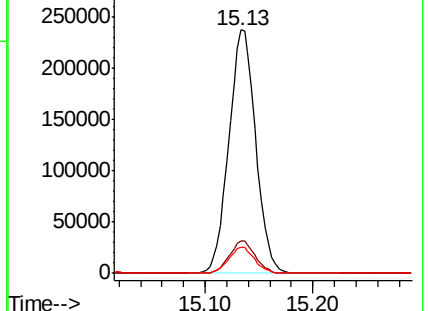
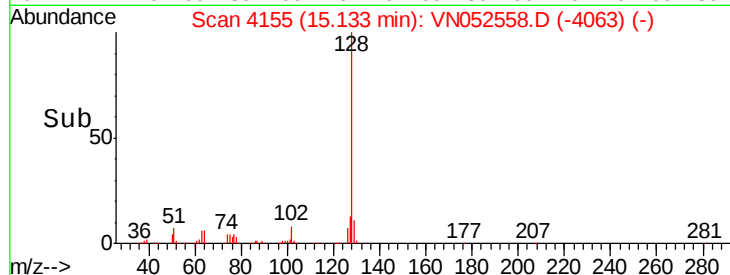
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.156 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052558.D

Acq: 29 Nov 2018 12:12

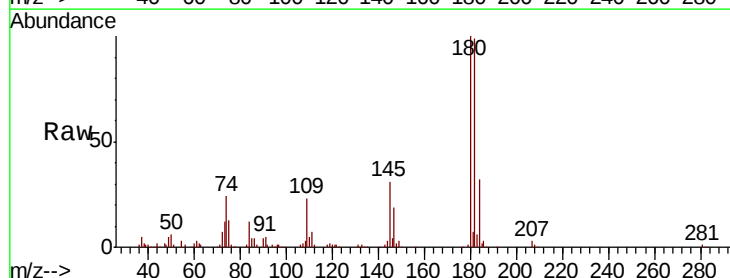
Tgt Ion:180 Resp: 189936

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 30.0 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

