

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052516.D
 Acq On : 28 Nov 2018 13:37
 Operator : MD\SY
 Sample : VN1128WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Quant Time: Nov 29 00:08:37 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	1141645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1791651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1569747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	586630	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	525924	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	10.09	98	2070890	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.40	95	699094	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	187030	17.496	ug/l	97
3) Chloromethane	2.06	50	250098	17.724	ug/l	99
4) Vinyl Chloride	2.19	62	262561	18.114	ug/l	100
5) Bromomethane	2.58	94	153975	17.025	ug/l	98
6) Chloroethane	2.71	64	153288	17.459	ug/l	100
7) Trichlorofluoromethane	3.03	101	326806	18.355	ug/l	99
8) Diethyl Ether	3.41	74	124701	18.966	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	204722	18.427	ug/l	99
10) Methyl Iodide	3.96	142	288457	19.494	ug/l	99
11) Tert butyl alcohol	4.79	59	54171	87.049	ug/l	100
12) 1,1-Dichloroethene	3.74	96	200648	18.762	ug/l	98
13) Acrolein	3.61	56	83543	99.762	ug/l #	78
14) Allyl chloride	4.33	41	339414	18.415	ug/l	99
15) Acrylonitrile	4.99	53	348684	88.515	ug/l	99
16) Acetone	3.82	43	245605	74.910	ug/l	99
17) Carbon Disulfide	4.06	76	556497	16.536	ug/l	99
18) Methyl Acetate	4.33	43	165892	17.639	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	541280	19.023	ug/l	95
20) Methylene Chloride	4.55	84	229837	17.914	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	214704	18.798	ug/l	96
22) Diisopropyl ether	5.95	45	721435	18.634	ug/l	99
23) Vinyl Acetate	5.90	43	2172038	90.072	ug/l	99
24) 1,1-Dichloroethane	5.85	63	417739	18.898	ug/l	99
25) 2-Butanone	6.84	43	386138	83.091	ug/l	97
26) 2,2-Dichloropropane	6.83	77	264279	17.272	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	249715	18.769	ug/l	99
28) Bromochloromethane	7.20	49	181314	17.958	ug/l	96
29) Tetrahydrofuran	7.21	42	257109	85.778	ug/l	99
30) Chloroform	7.37	83	401966	18.226	ug/l	98
31) Cyclohexane	7.66	56	407190	18.803	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	323554	18.516	ug/l	99
36) 1,1-Dichloropropene	7.79	75	316823	18.726	ug/l	99
37) Ethyl Acetate	6.93	43	174295	16.880	ug/l	100
38) Carbon Tetrachloride	7.78	117	274048	17.893	ug/l	99

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Instrument :
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 VN1128WBS01

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	387138	18.826	ug/l	99
40) Benzene	8.04	78	959373	19.027	ug/l	99
41) Methacrylonitrile	7.17	41	88962	15.759	ug/l	91
42) 1,2-Dichloroethane	8.13	62	282752	18.520	ug/l	99
43) Isopropyl Acetate	8.17	43	320802	18.359	ug/l #	86
44) Trichloroethene	8.84	130	243494	18.853	ug/l	100
45) 1,2-Dichloropropane	9.12	63	249040	18.578	ug/l	99
46) Dibromomethane	9.21	93	138301	18.636	ug/l	99
47) Bromodichloromethane	9.40	83	287109	17.795	ug/l	99
48) Methyl methacrylate	9.20	41	166837	18.311	ug/l	97
49) 1,4-Dioxane	9.20	88	35177	372.003	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	871240	88.865	ug/l	98
52) Toluene	10.16	92	639583	21.349	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	272851	17.579	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	341075	18.337	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	198284	18.816	ug/l	98
56) Ethyl methacrylate	10.43	69	245658	18.577	ug/l	96
57) 1,3-Dichloropropane	10.71	76	346223	18.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	702542	91.878	ug/l	98
59) 2-Hexanone	10.75	43	565621	85.960	ug/l	98
60) Dibromochloromethane	10.90	129	200104	17.484	ug/l	98
61) 1,2-Dibromoethane	11.01	107	191304	18.278	ug/l	100
64) Tetrachloroethene	10.63	164	230749	18.959	ug/l	99
65) Chlorobenzene	11.43	112	619822	19.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	208818	18.554	ug/l	99
67) Ethyl Benzene	11.51	91	1112930	19.635	ug/l	100
68) m/p-Xylenes	11.62	106	862109	40.856	ug/l	100
69) o-Xylene	11.95	106	410721	20.044	ug/l	100
70) Styrene	11.96	104	636642	19.506	ug/l	100
71) Bromoform	12.13	173	126232	16.940	ug/l #	100
73) Isopropylbenzene	12.25	105	1060116	19.684	ug/l	99
74) N-amyl acetate	12.07	43	246831	18.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	221456	18.076	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	268248	25.341	ug/l #	100
77) Bromobenzene	12.53	156	263874	19.823	ug/l	96
78) n-propylbenzene	12.59	91	1214563	19.851	ug/l	99
79) 2-Chlorotoluene	12.68	91	717983	19.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	878331	20.449	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47571	15.008	ug/l	89
82) 4-Chlorotoluene	12.77	91	711015	19.363	ug/l	99
83) tert-Butylbenzene	12.99	119	759392	19.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	940180	21.842	ug/l	100
85) sec-Butylbenzene	13.17	105	1006356	19.296	ug/l	99
86) p-Isopropyltoluene	13.29	119	863758	19.444	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	445734	19.143	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	433170	18.886	ug/l	99
89) n-Butylbenzene	13.62	91	706387	19.121	ug/l	99
90) Hexachloroethane	13.88	117	126648	16.838	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	430208	19.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29268	16.704	ug/l	96

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Instrument :
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ClientSampleId :
VN1128WBS01

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Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

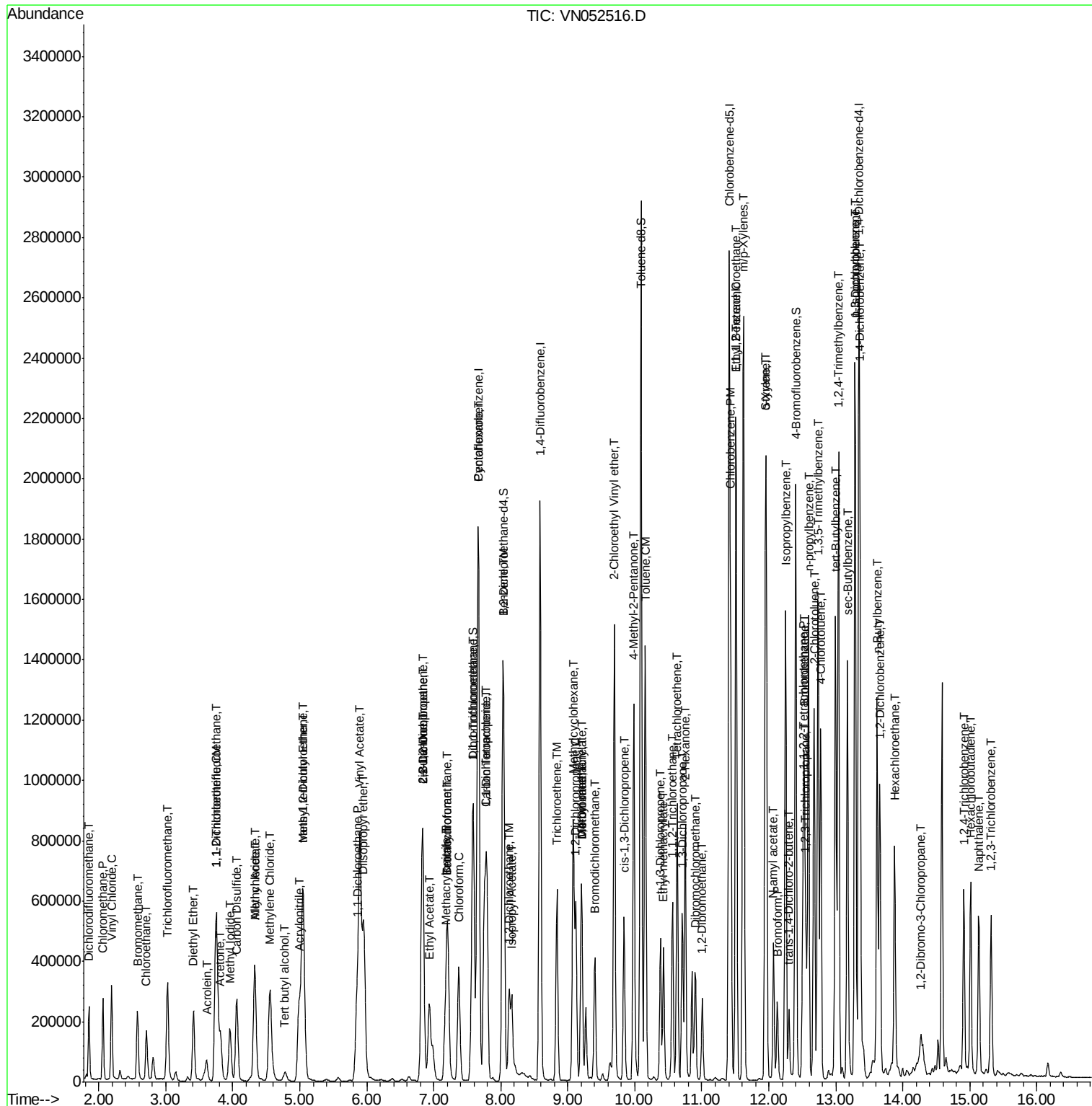
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	205290	18.722	ug/l	99
94) Hexachlorobutadiene	15.01	225	132606	18.529	ug/l	99
95) Naphthalene	15.13	128	453709	19.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	191868	18.917	ug/l	99

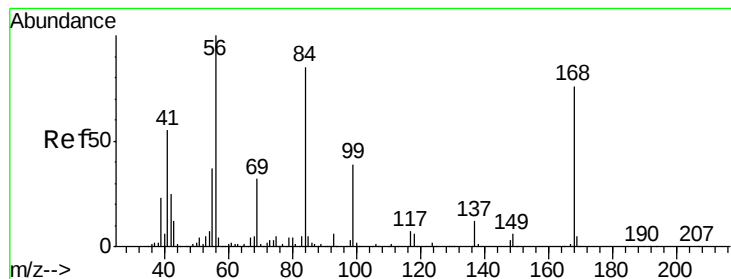
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052516.D
 Acq On : 28 Nov 2018 13:37
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 Sample : VN1128WBS01
 Misc : 5.00mL/MSVOA N/WATER
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

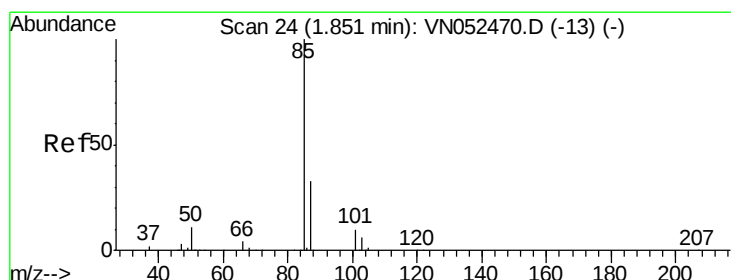
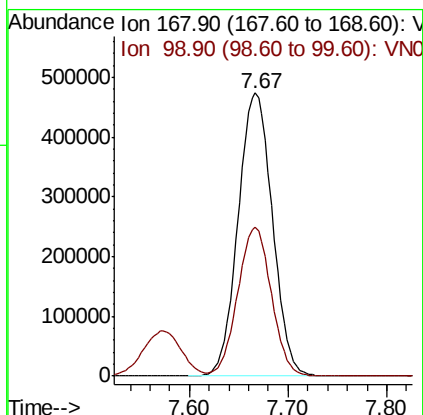
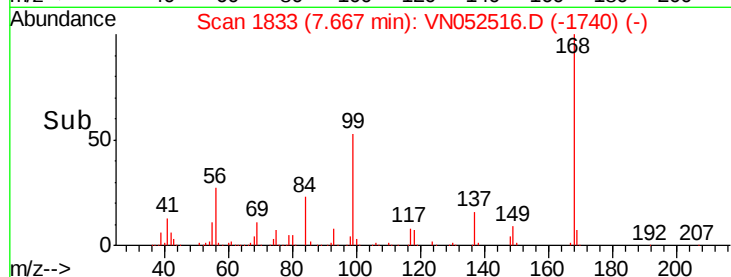
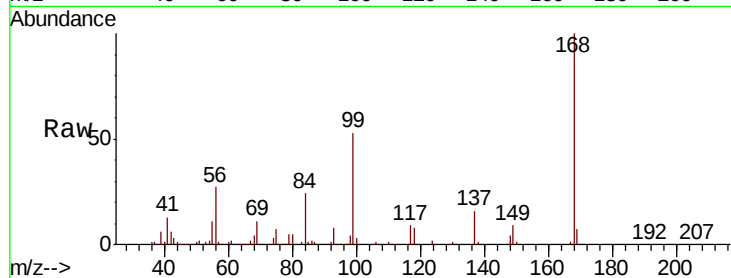
VN1128WBS01

Tot Ion:168 Resp: 1141645

Ion Ratio Lower Upper

168 100

99 52.4 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 17.496 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052516.D

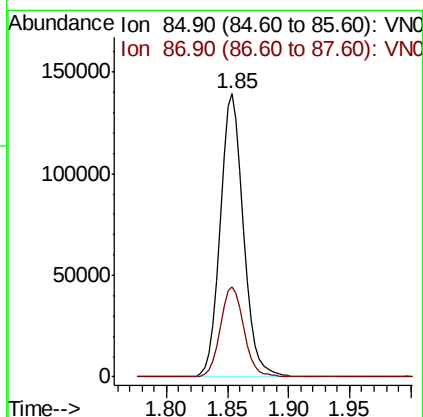
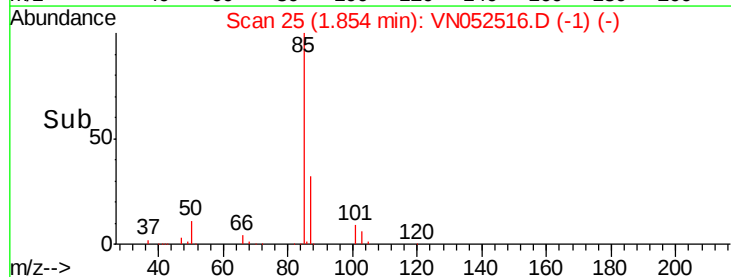
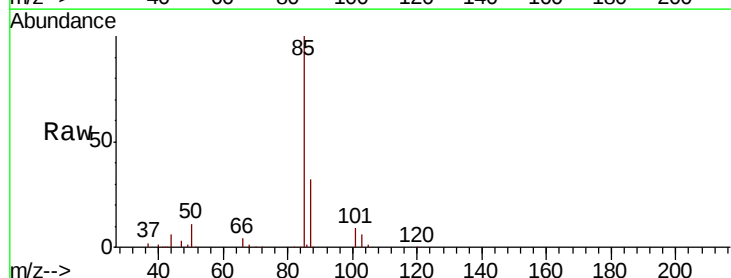
Acq: 28 Nov 2018 13:37

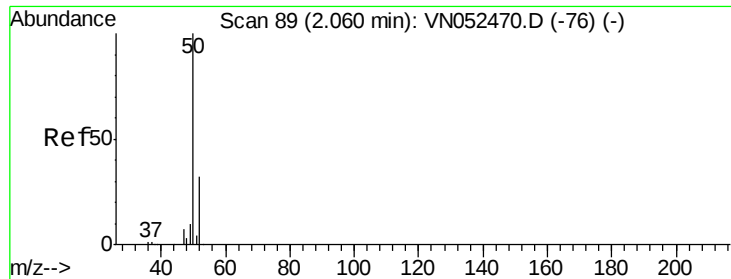
Tgt Ion: 85 Resp: 187030

Ion Ratio Lower Upper

85 100

87 31.9 16.7 50.1

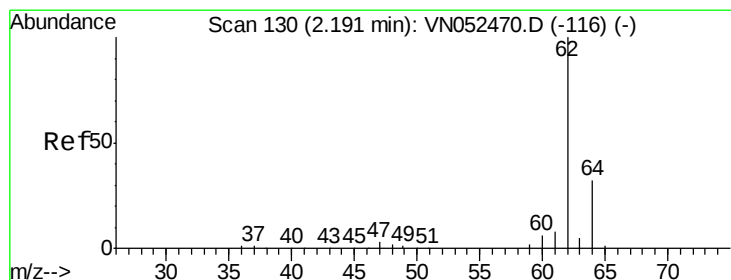
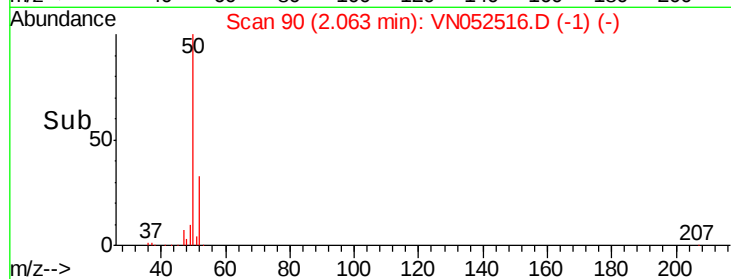
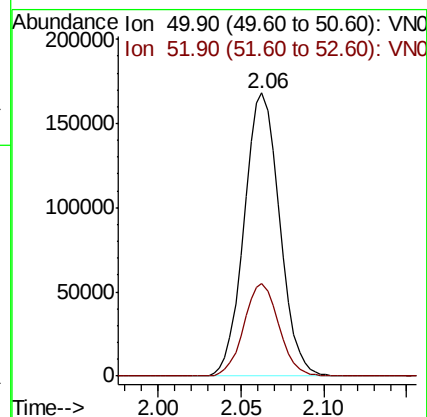
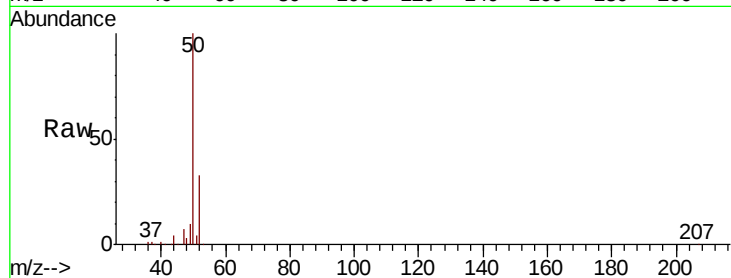




#3
Chloromethane
Concen: 17.724 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

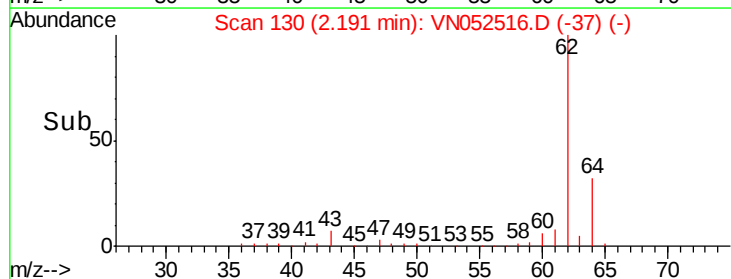
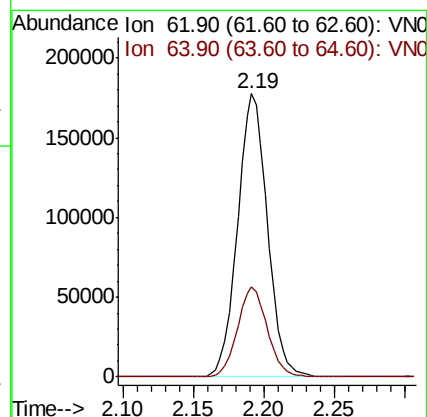
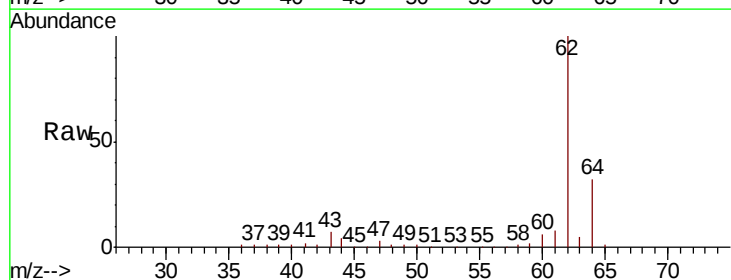
Instrument :
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ClientSampleId :
VN1128WBS01

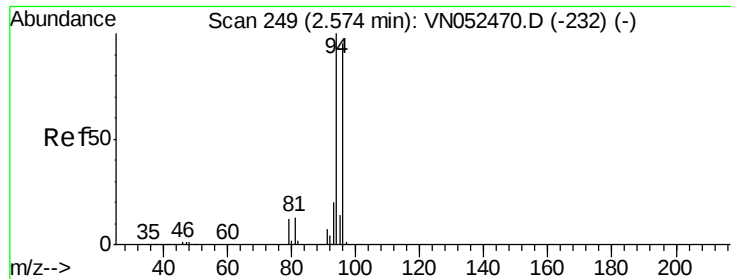
Tot Ion: 50 Resp: 250098
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9



#4
Vinyl Chloride
Concen: 18.114 ug/l
RT: 2.19 min Scan# 130
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 62 Resp: 262561
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 17.025 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

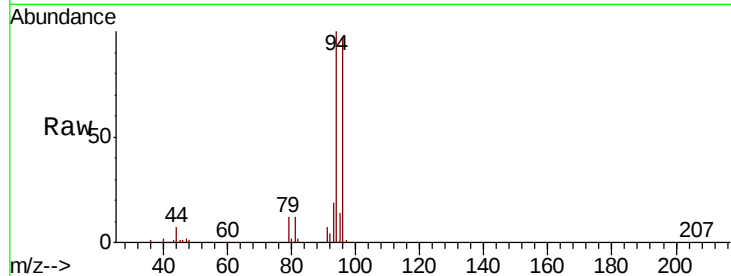
VN1128WBS01

Tot Ion: 94 Resp: 153975

Ion Ratio Lower Upper

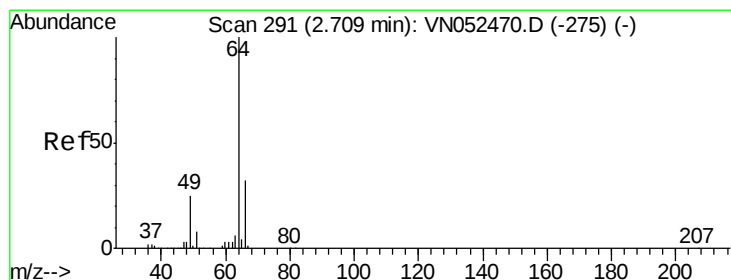
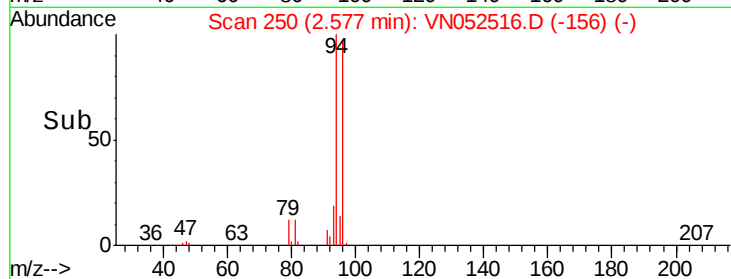
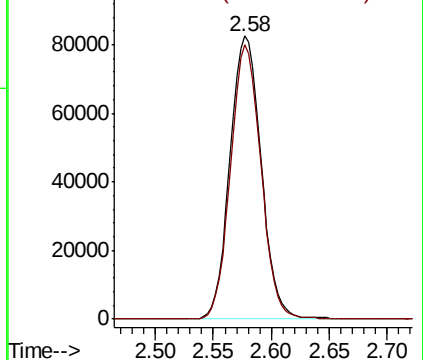
94 100

96 97.0 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: 17.459 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052516.D

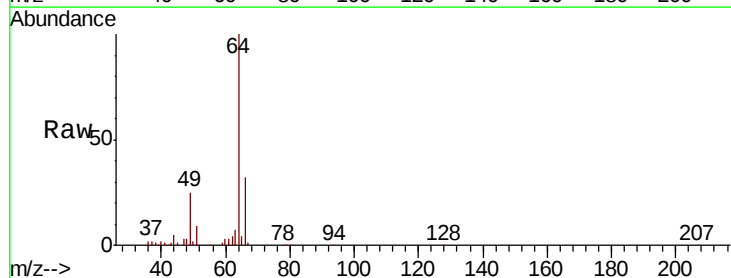
Acq: 28 Nov 2018 13:37

Tgt Ion: 64 Resp: 153288

Ion Ratio Lower Upper

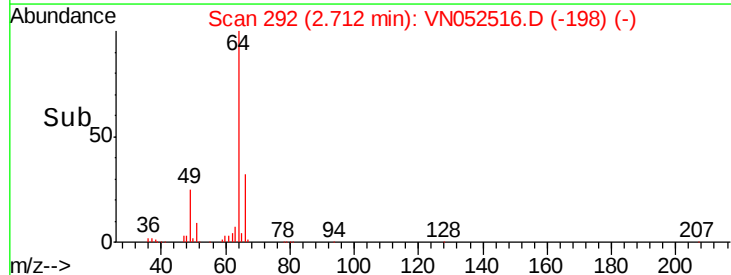
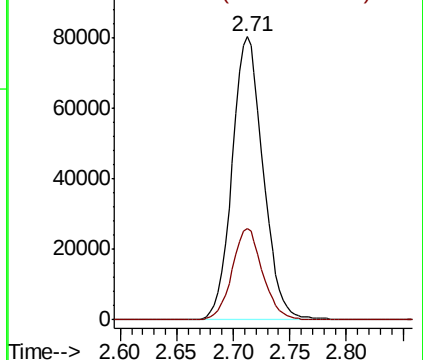
64 100

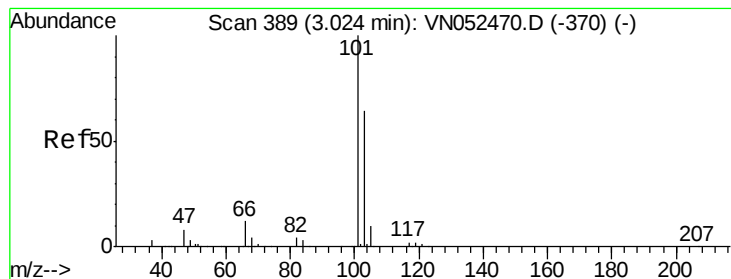
66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



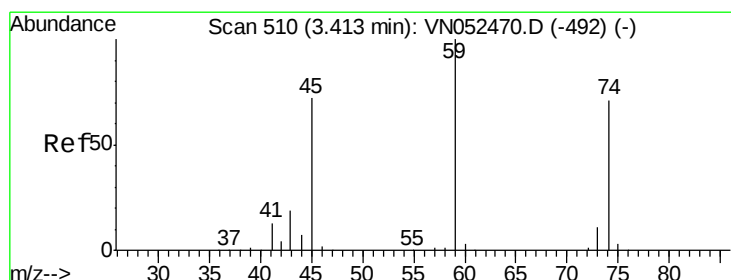
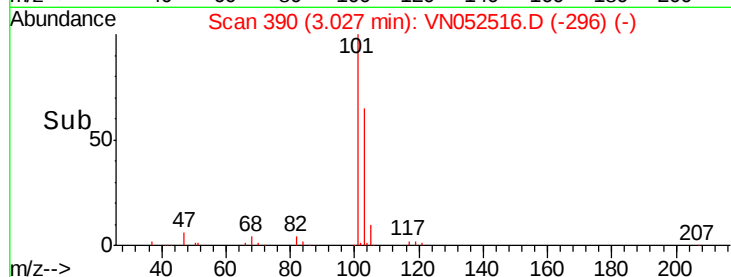
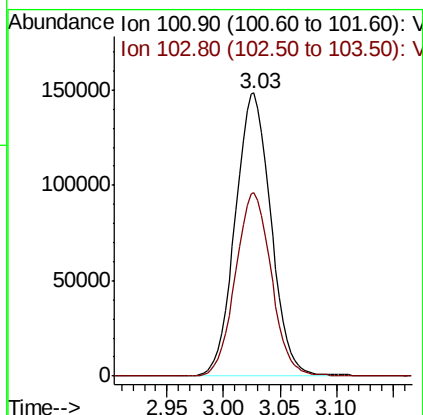
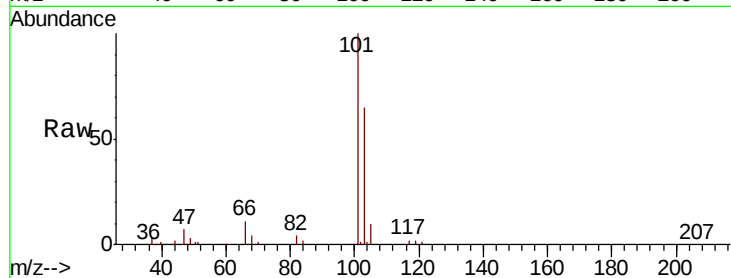


#7

Trichlorofluoromethane
 Concen: 18.355 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Instrument :
 MSVOA_N
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 VN1128WBS01

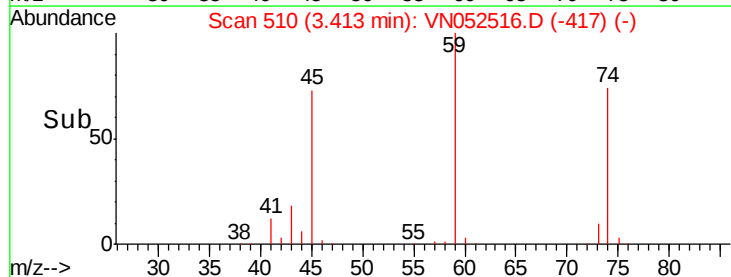
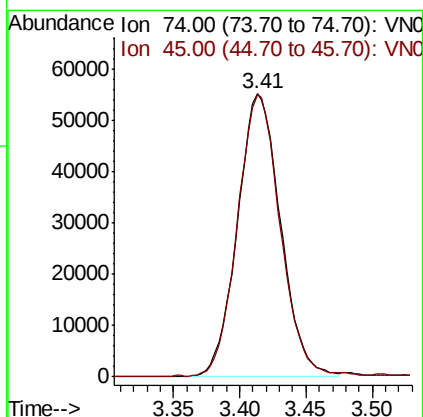
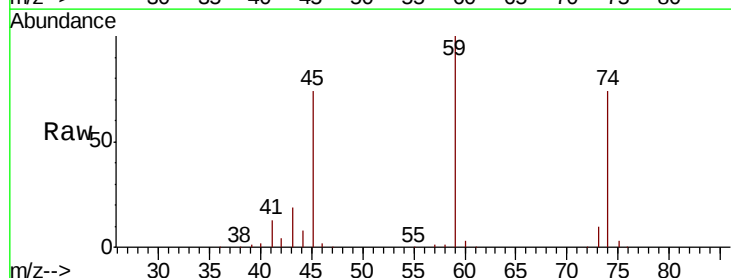
Tot Ion:101 Resp: 326806
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.2

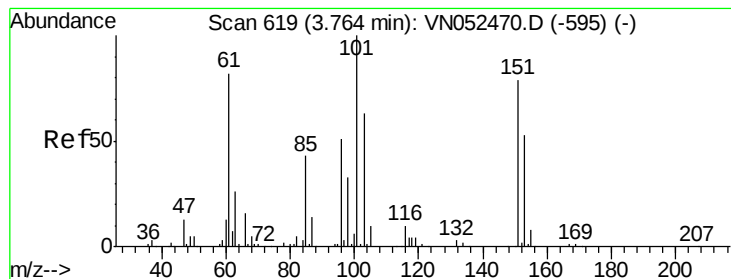


#8

Diethyl Ether
 Concen: 18.966 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion: 74 Resp: 124701
 Ion Ratio Lower Upper
 74 100
 45 98.0 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.427 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

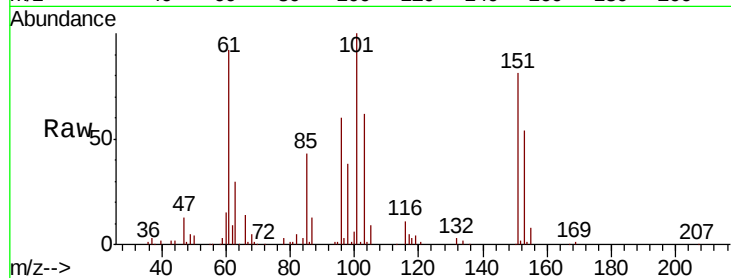
Tot Ion:101 Resp: 204722

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

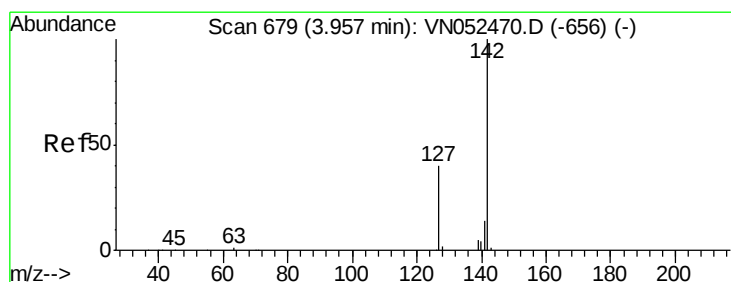
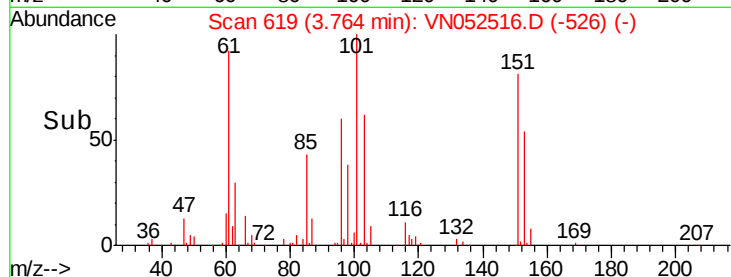
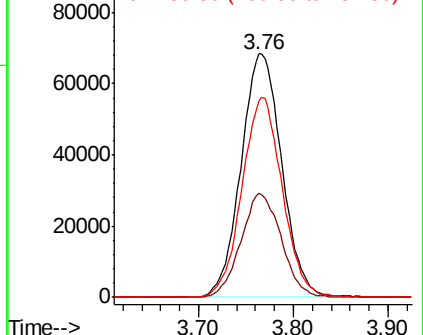
151 81.1 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.494 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

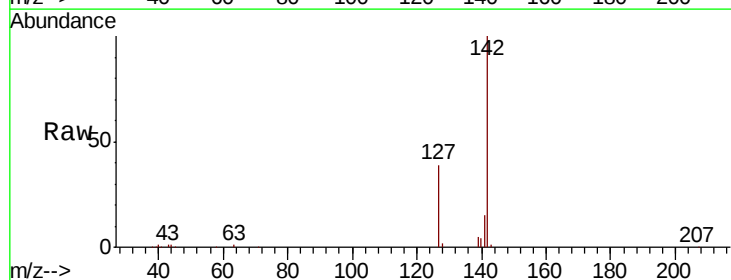
Tgt Ion:142 Resp: 288457

Ion Ratio Lower Upper

142 100

127 38.7 31.8 47.6

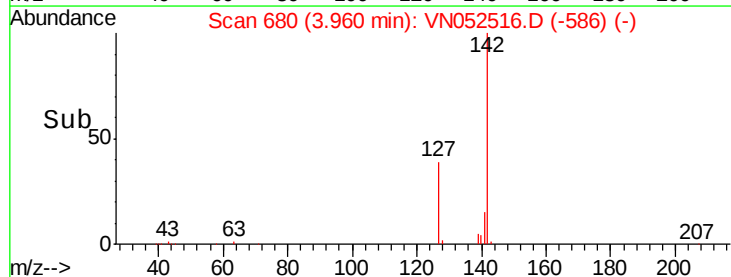
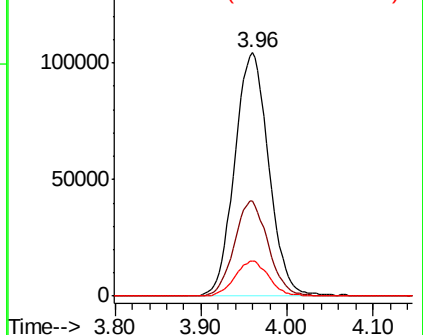
141 14.3 11.4 17.0

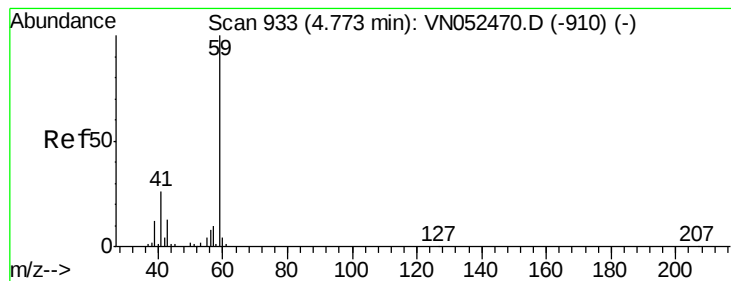


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



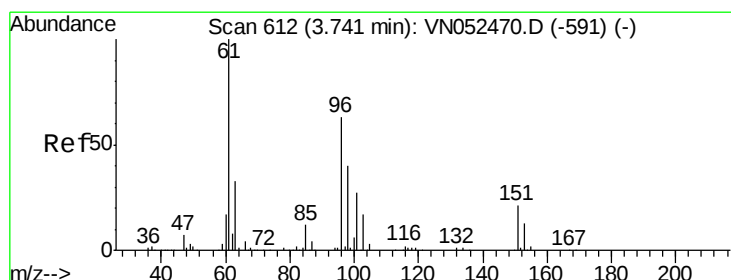
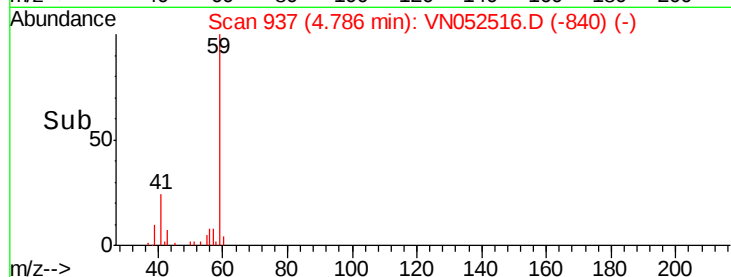
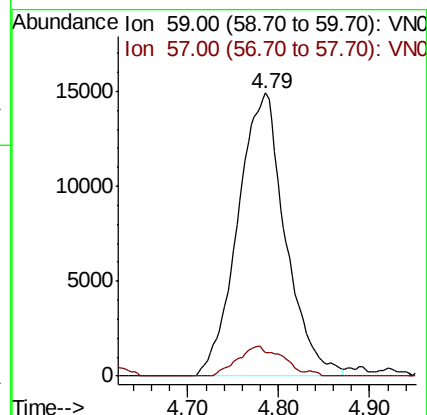
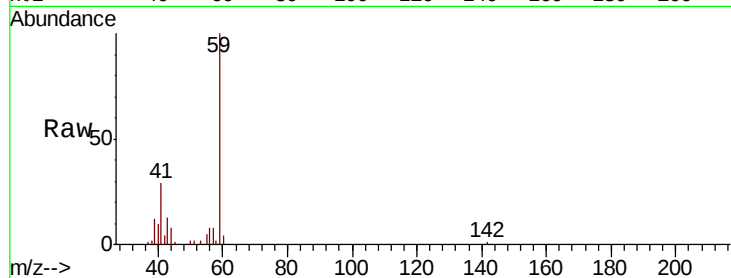


#11

Tert butyl alcohol
 Concen: 87.049 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

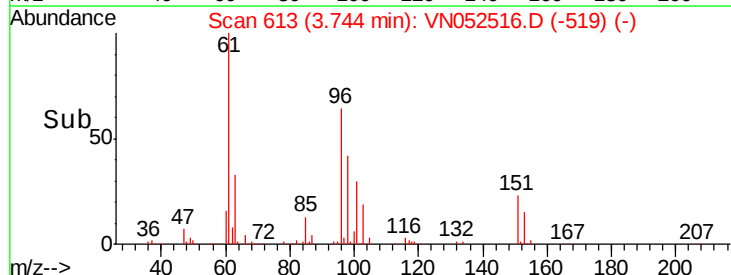
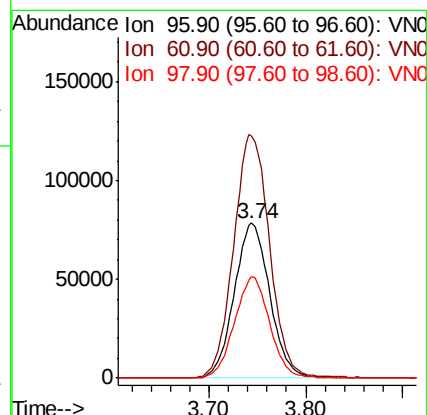
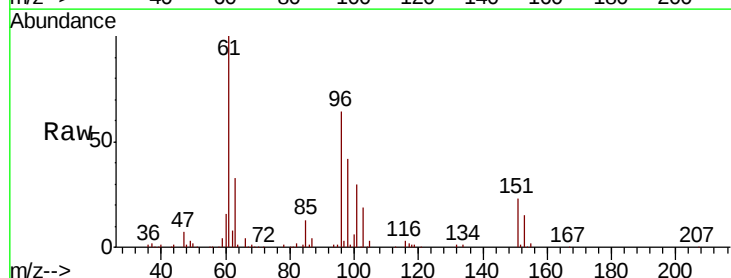
Tot Ion: 59 Resp: 54171
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.9 11.9

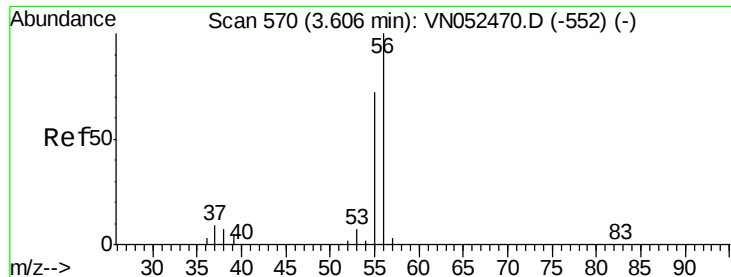


#12

1,1-Dichloroethene
 Concen: 18.762 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion: 96 Resp: 200648
 Ion Ratio Lower Upper
 96 100
 61 156.4 127.0 190.6
 98 65.6 50.3 75.5





#13

Acrolein

Concen: 99.762 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

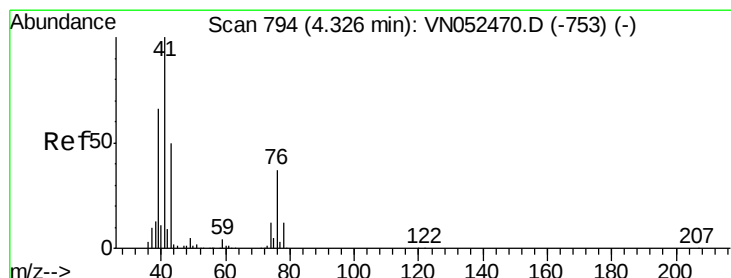
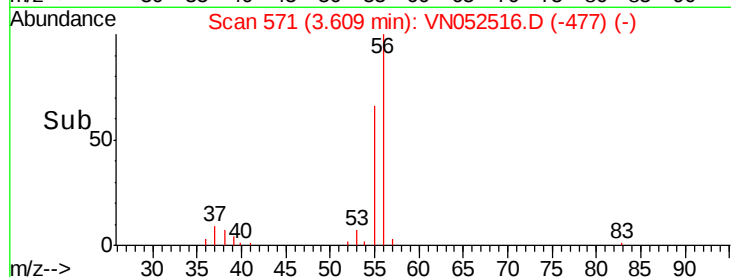
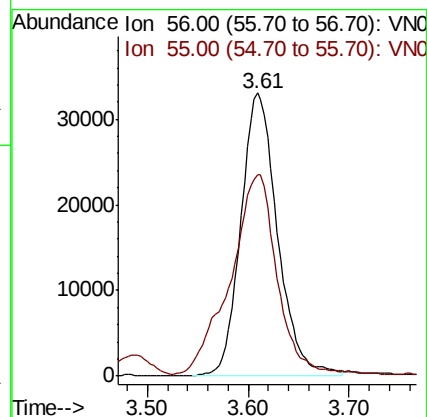
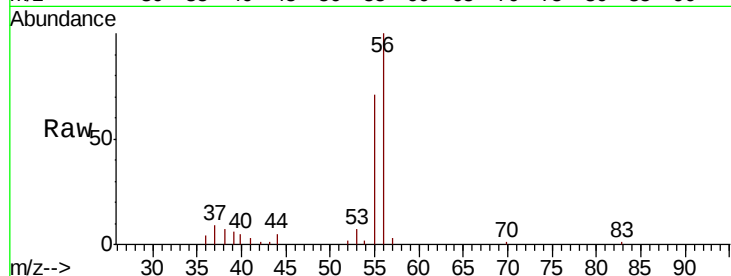
VN1128WBS01

Tot Ion: 56 Resp: 83543

Ion Ratio Lower Upper

56 100

55 89.6 56.8 85.2#



#14

Allyl chloride

Concen: 18.415 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

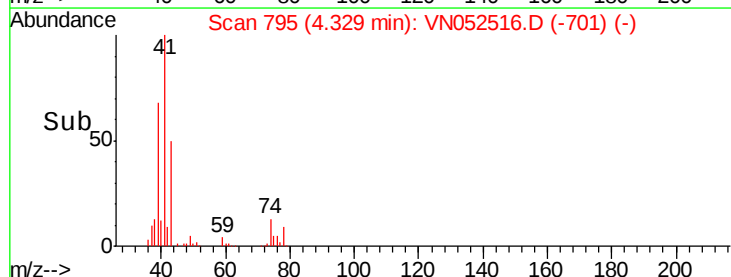
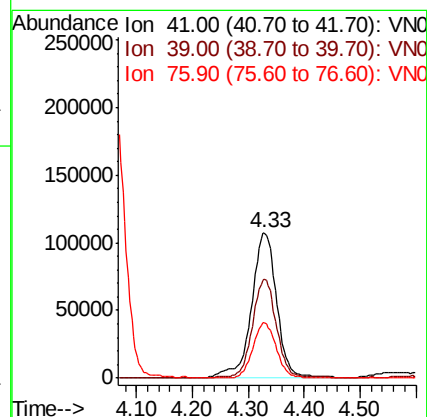
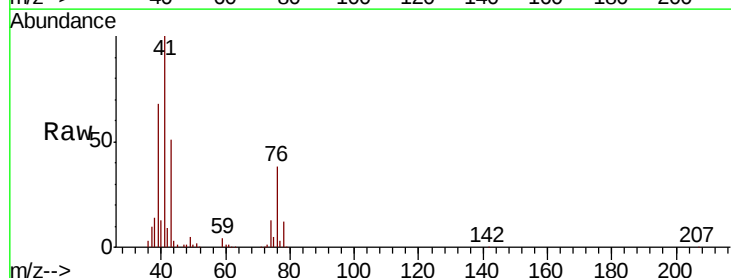
Tgt Ion: 41 Resp: 339414

Ion Ratio Lower Upper

41 100

39 64.3 50.6 76.0

76 34.6 27.4 41.2





#15

Acrylonitrile

Concen: 88.515 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

VN1128WBS01

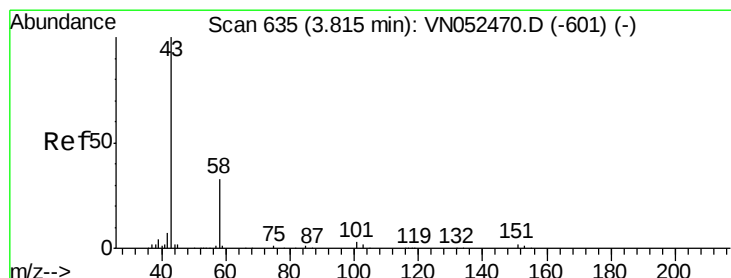
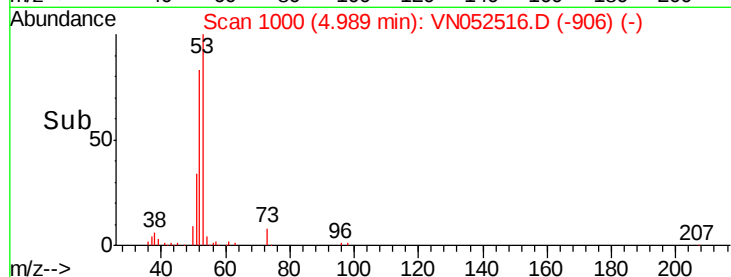
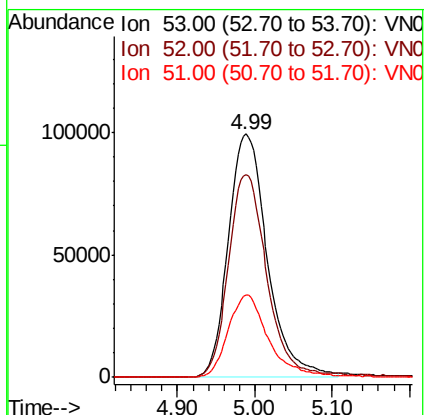
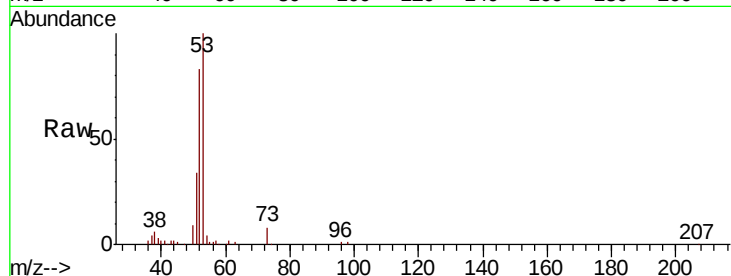
Tot Ion: 53 Resp: 348684

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.2

51 34.9 28.1 42.1



#16

Acetone

Concen: 74.910 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052516.D

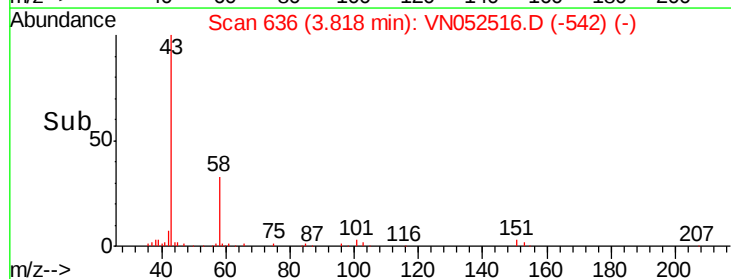
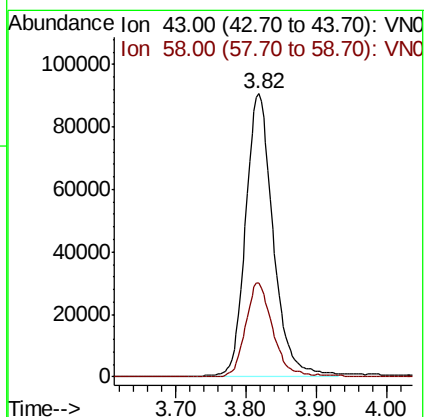
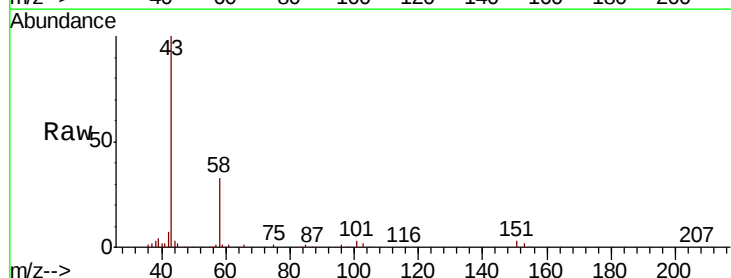
Acq: 28 Nov 2018 13:37

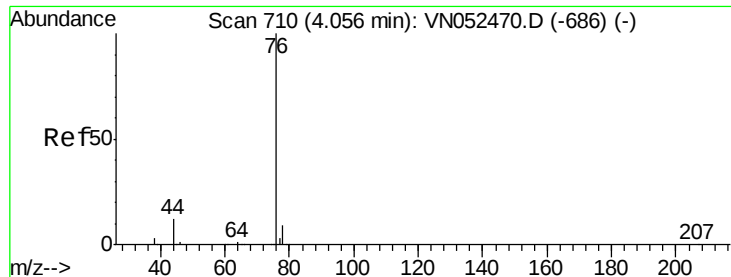
Tgt Ion: 43 Resp: 245605

Ion Ratio Lower Upper

43 100

58 33.2 26.0 39.0





#17

Carbon Disulfide

Concen: 16.536 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

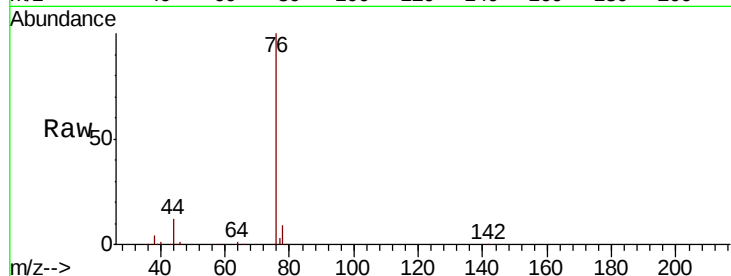
VN1128WBS01

Tot Ion: 76 Resp: 556497

Ion Ratio Lower Upper

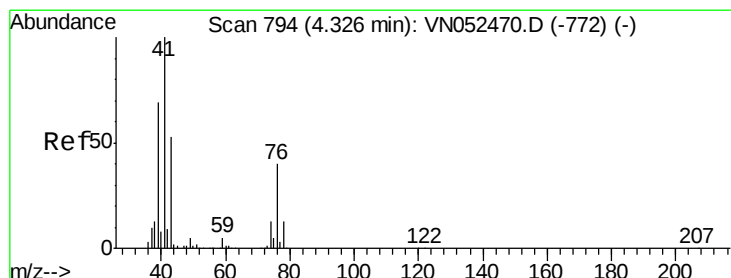
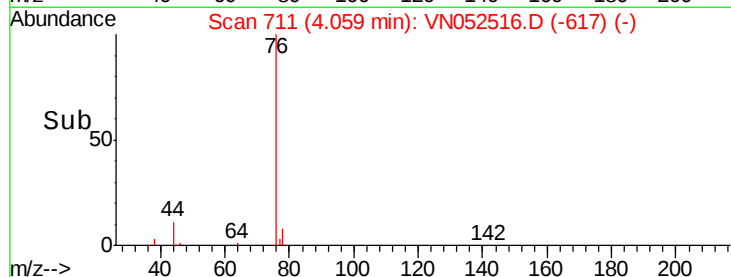
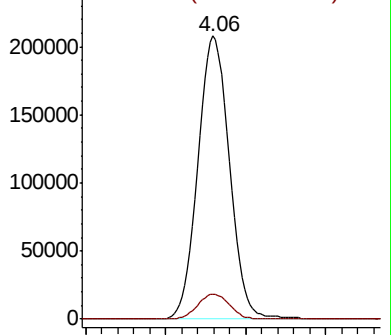
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 17.639 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052516.D

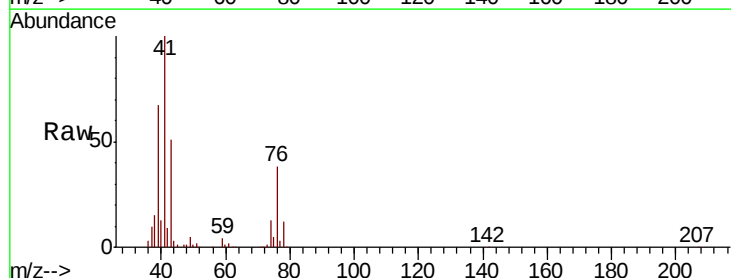
Acq: 28 Nov 2018 13:37

Tgt Ion: 43 Resp: 165892

Ion Ratio Lower Upper

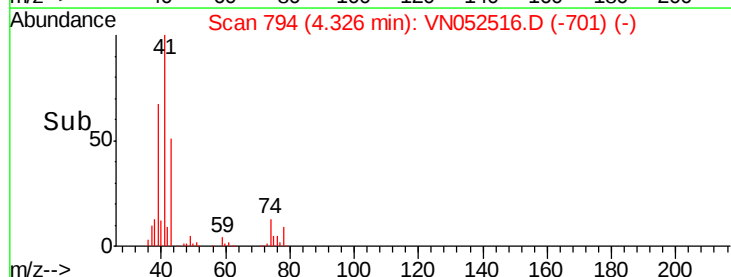
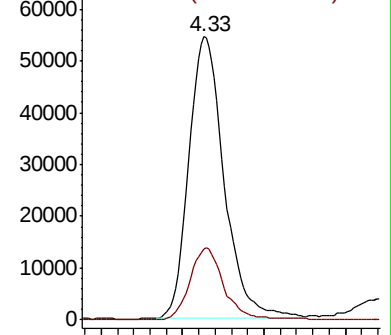
43 100

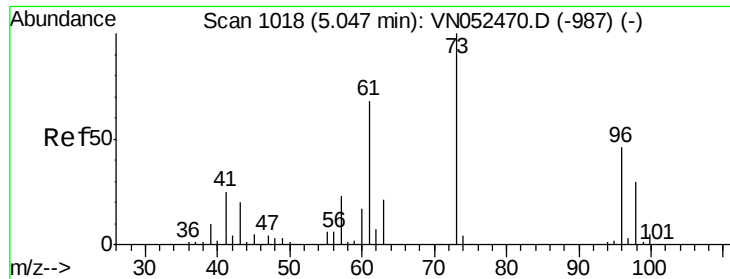
74 24.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

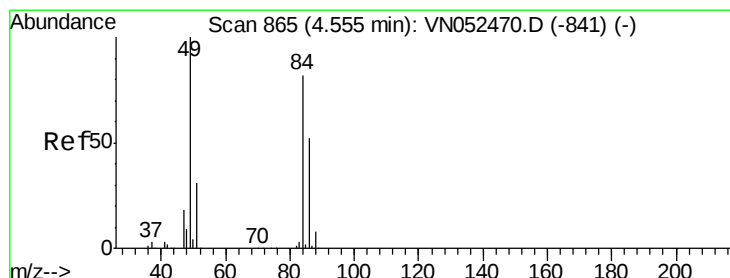
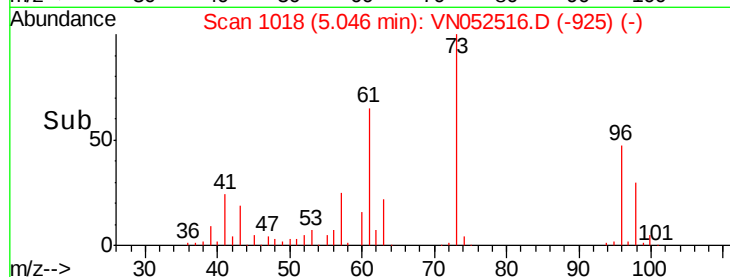
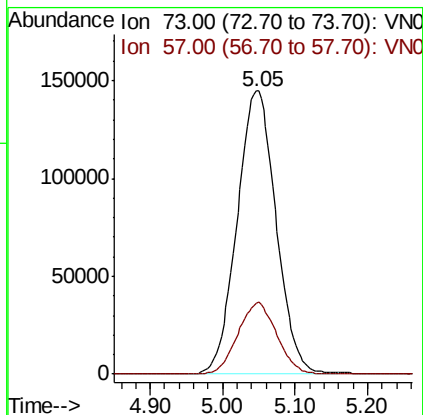
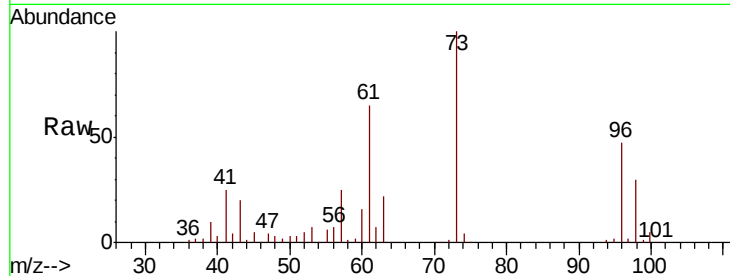




#19
Methyl tert-butyl Ether
Concen: 19.023 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

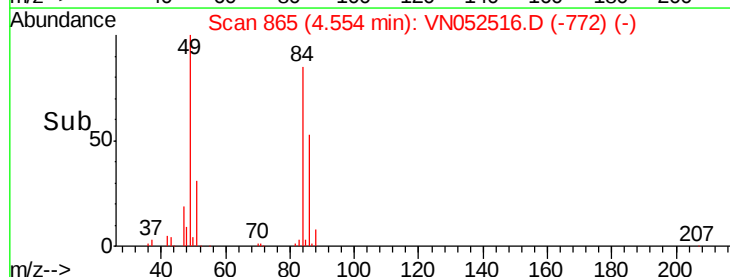
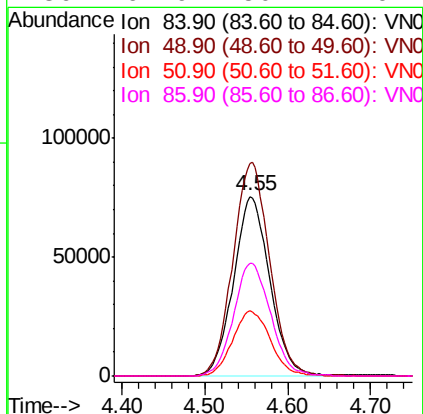
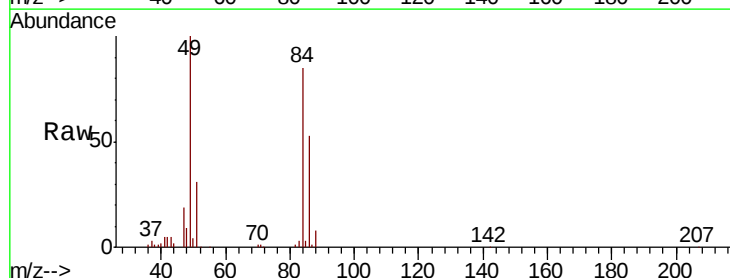
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

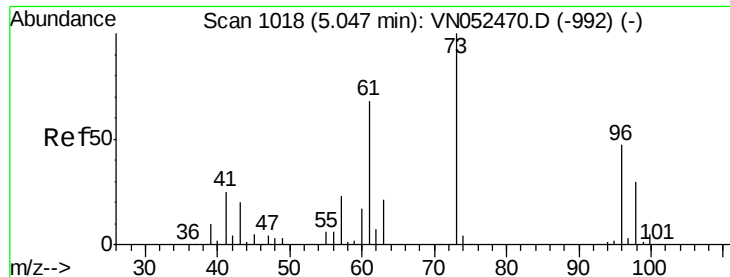
Tot Ion: 73 Resp: 541280
Ion Ratio Lower Upper
73 100
57 25.1 18.2 27.2



#20
Methylene Chloride
Concen: 17.914 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 84 Resp: 229837
Ion Ratio Lower Upper
84 100
49 118.2 98.0 147.0
51 36.2 30.1 45.1
86 62.9 50.7 76.1

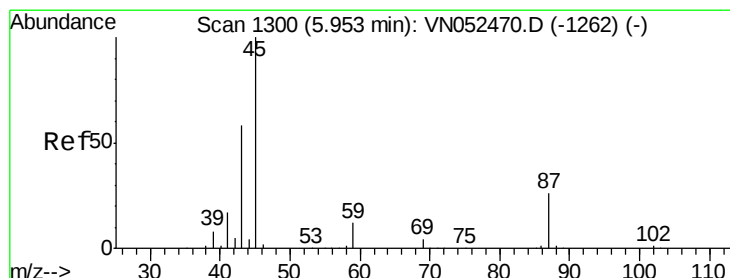
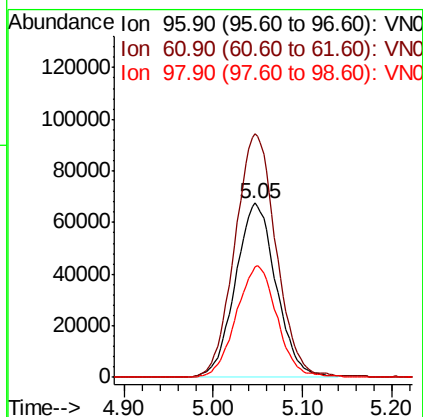
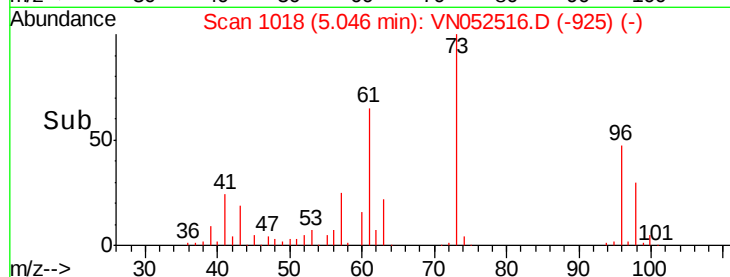
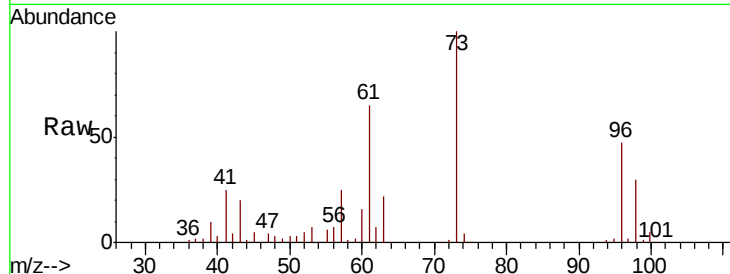




#21
trans-1,2-Dichloroethene
Concen: 18.798 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

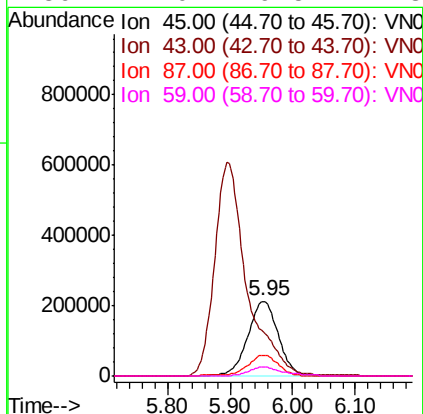
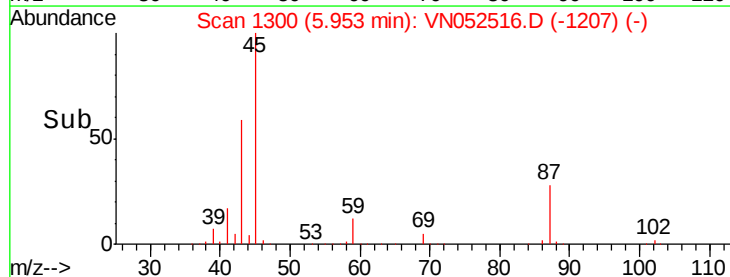
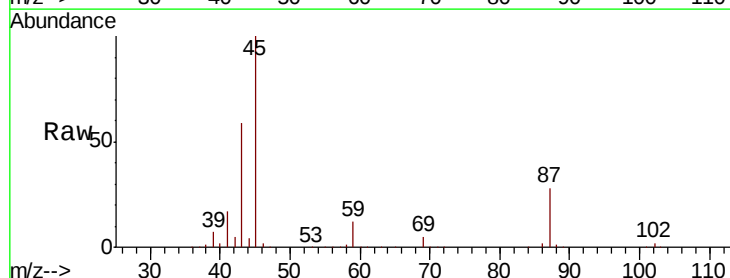
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

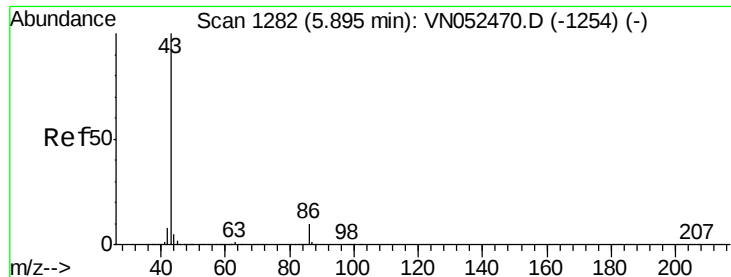
Tot Ion: 96 Resp: 214704
Ion Ratio Lower Upper
96 100
61 139.5 117.0 175.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 18.634 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 45 Resp: 721435
Ion Ratio Lower Upper
45 100
43 57.7 46.1 69.1
87 27.7 21.3 31.9
59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 90.072 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

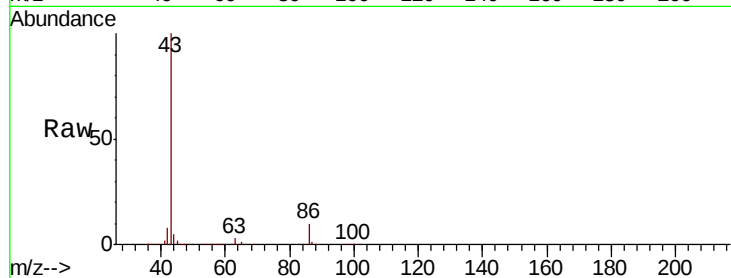
VN1128WBS01

Tot Ion: 43 Resp: 2172038

Ion Ratio Lower Upper

43 100

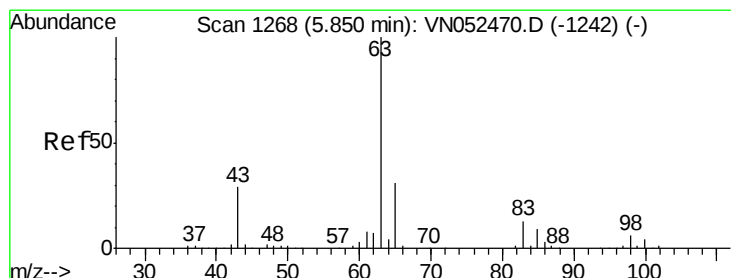
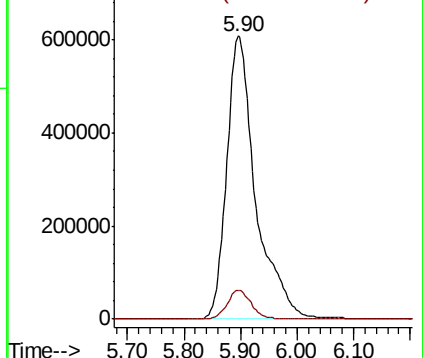
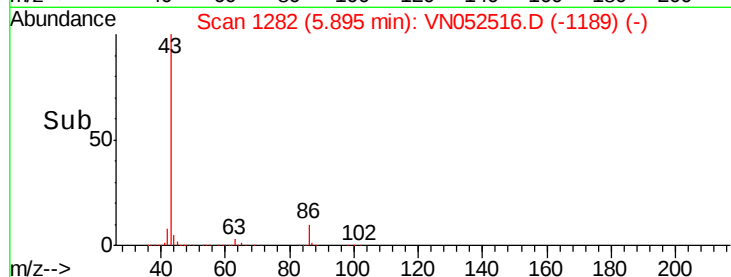
86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN052470.D (-1254) (-)

Time-->



#24

1,1-Dichloroethane

Concen: 18.898 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

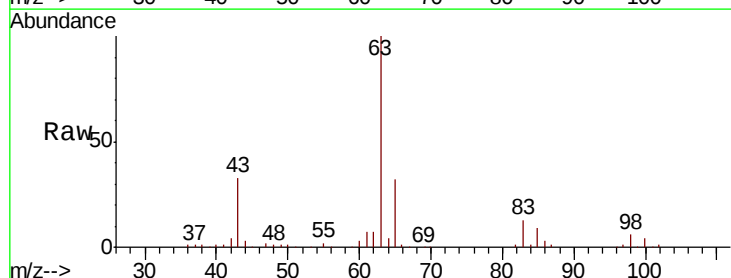
Tgt Ion: 63 Resp: 417739

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.2 2.0 5.8

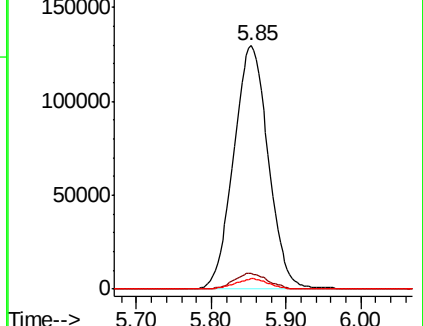
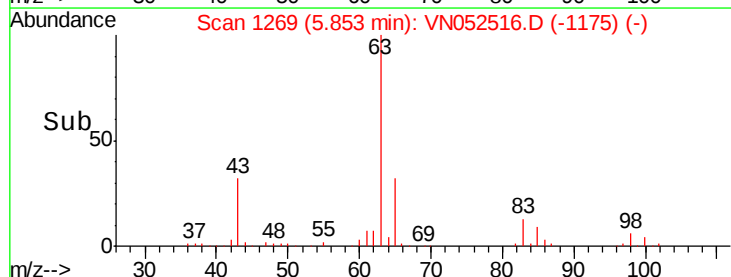


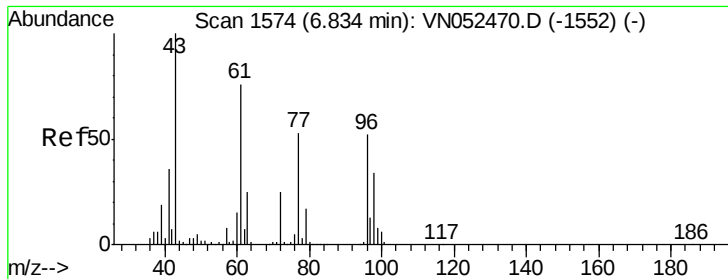
Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052470.D (-1242) (-)

Time-->





#25

2-Butanone

Concen: 83.091 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

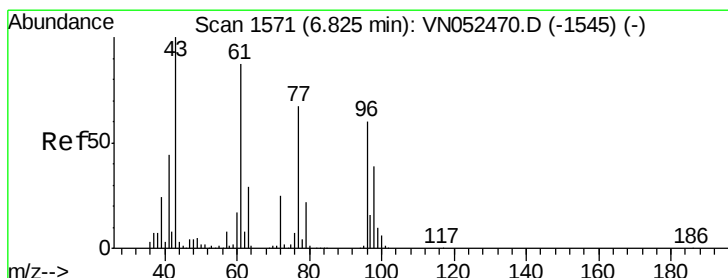
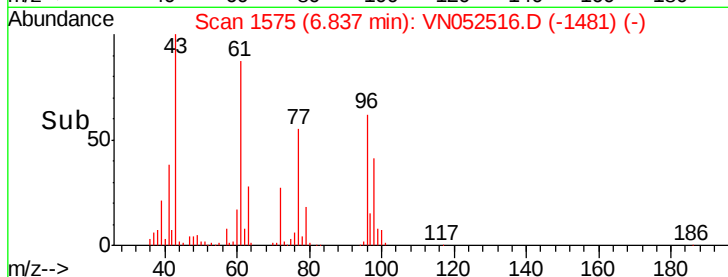
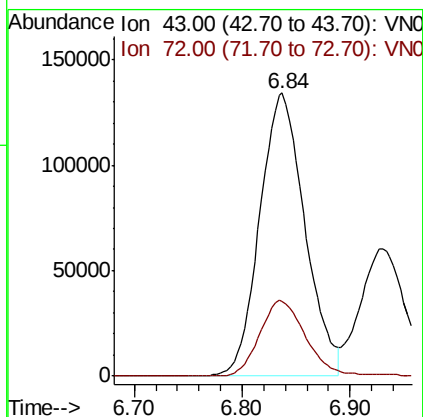
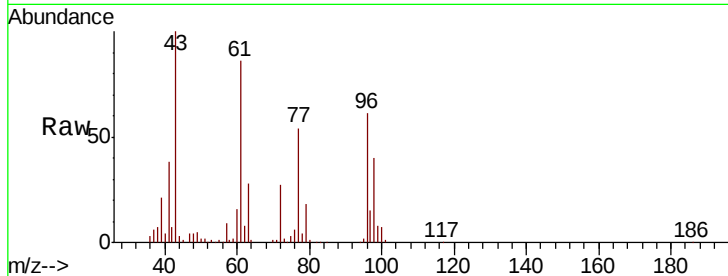
VN1128WBS01

Tot Ion: 43 Resp: 386138

Ion Ratio Lower Upper

43 100

72 26.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.272 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052516.D

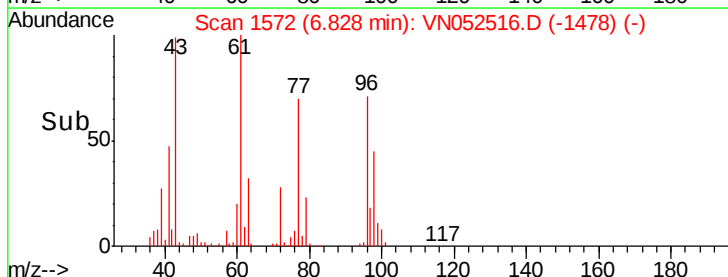
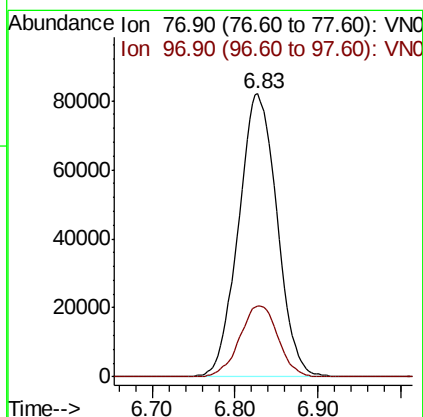
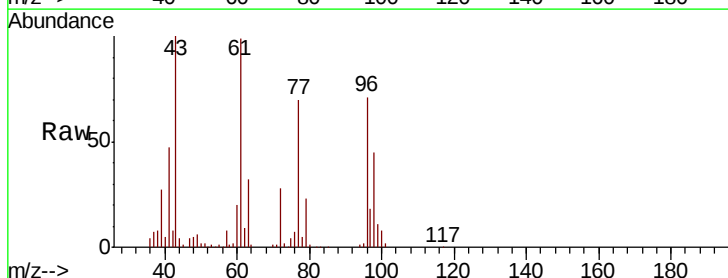
Acq: 28 Nov 2018 13:37

Tgt Ion: 77 Resp: 264279

Ion Ratio Lower Upper

77 100

97 25.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.769 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

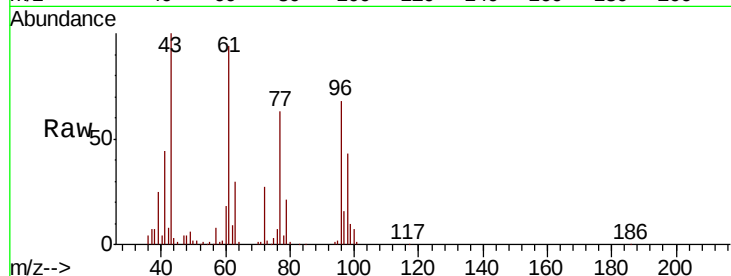
Tot Ion: 96 Resp: 249715

Ion Ratio Lower Upper

96 100

61 143.2 0.0 291.0

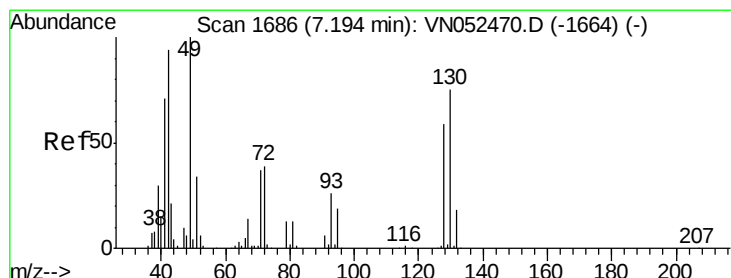
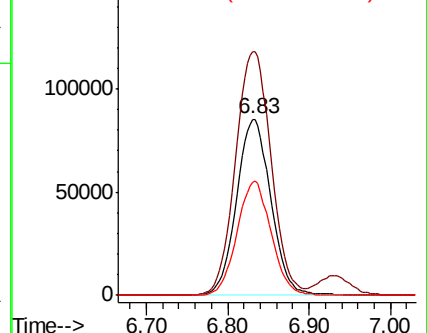
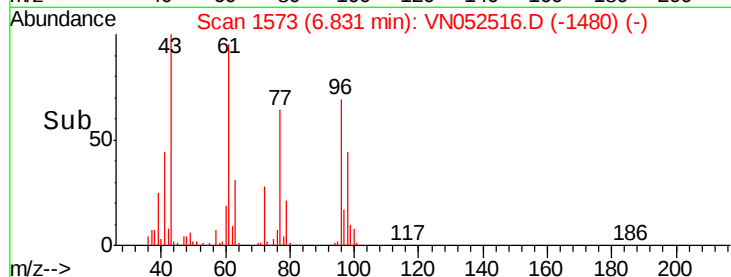
98 64.5 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN052516.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052516.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052516.D (-1480) (-)



#28

Bromochloromethane

Concen: 17.958 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

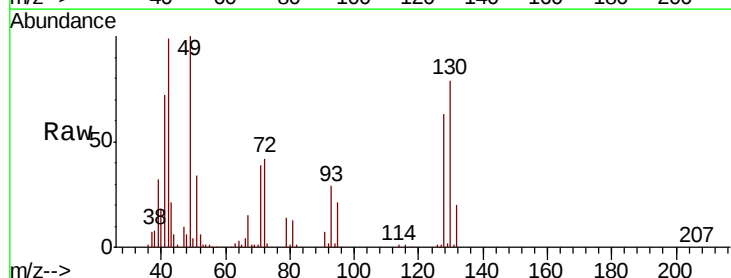
Tgt Ion: 49 Resp: 181314

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

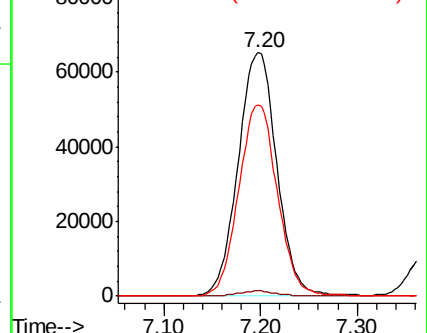
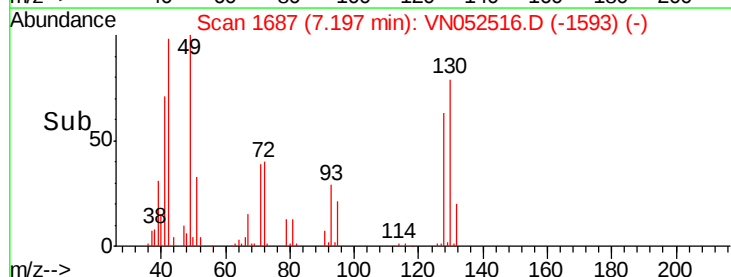
130 78.8 60.2 90.2



Abundance Ion 48.90 (48.60 to 49.60): VN052516.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052516.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052516.D (-1593) (-)

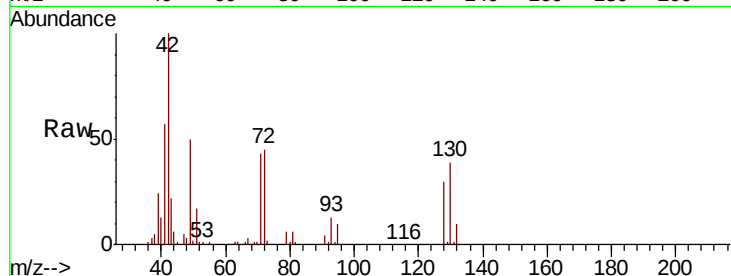




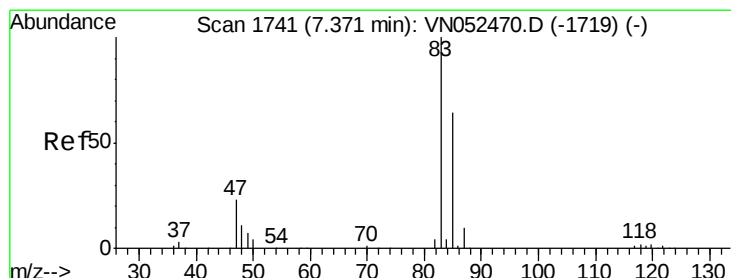
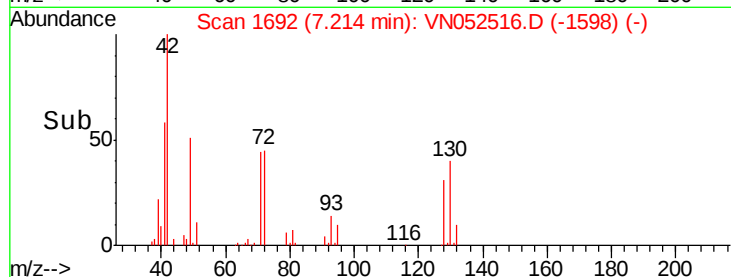
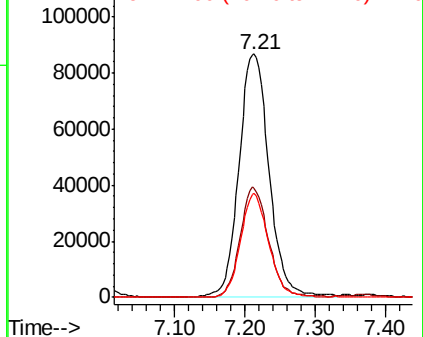
#29
Tetrahydrofuran
Concen: 85.778 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Instrument :
MSVOA_N
ClientSampled :
VN1128WBS01

Tot Ion: 42 Resp: 257109
Ion Ratio Lower Upper
42 100
72 42.9 33.3 49.9
71 39.7 32.0 48.0

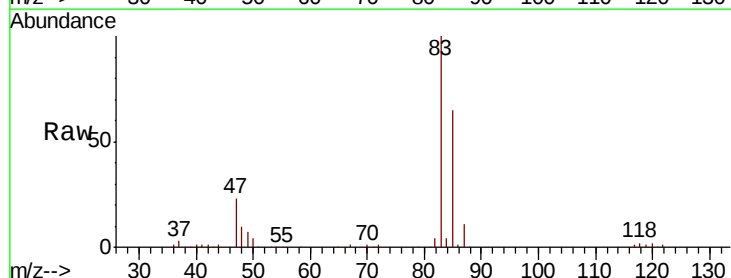


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

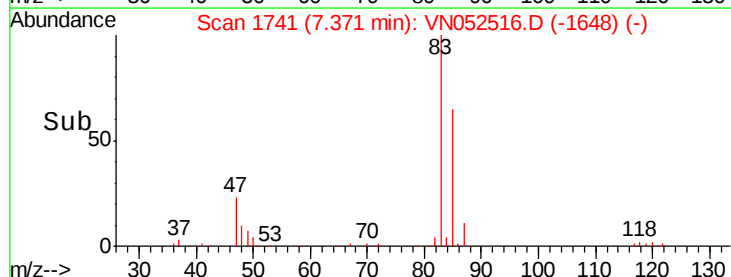
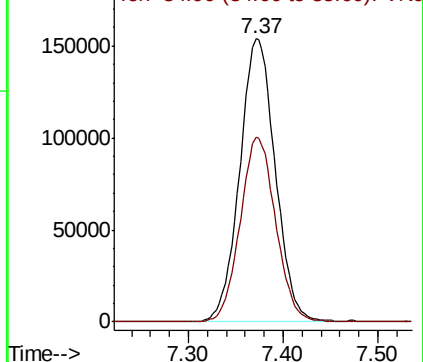


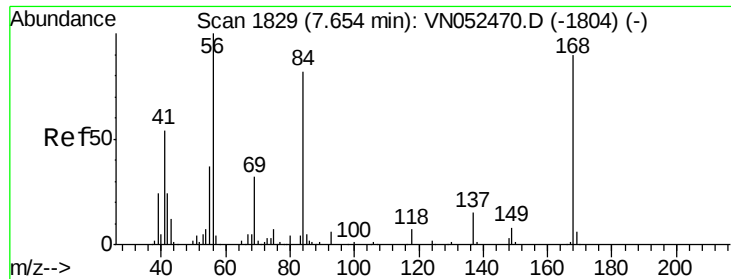
#30
Chloroform
Concen: 18.226 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 83 Resp: 401966
Ion Ratio Lower Upper
83 100
85 65.5 51.0 76.4



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

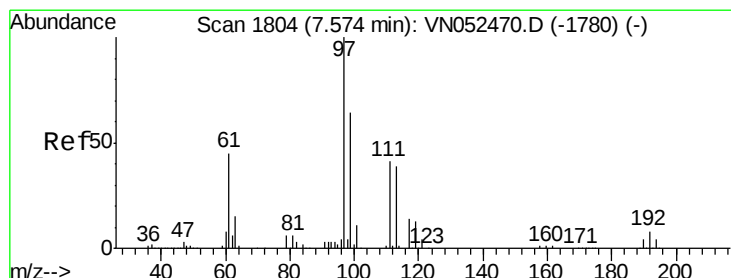
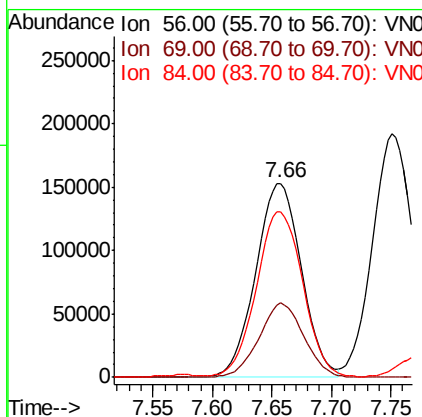
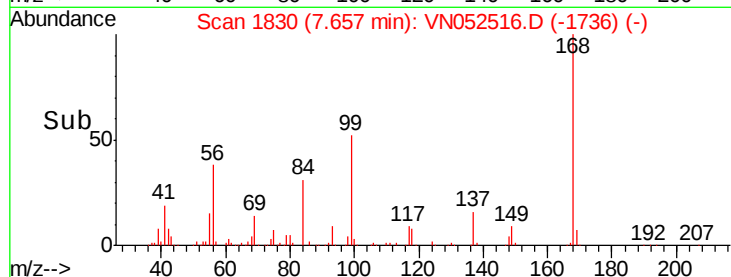
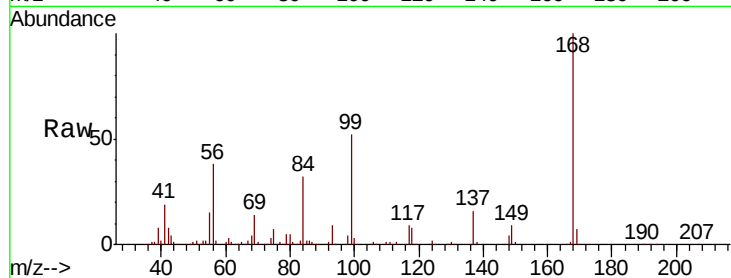




#31
Cyclohexane
Concen: 18.803 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

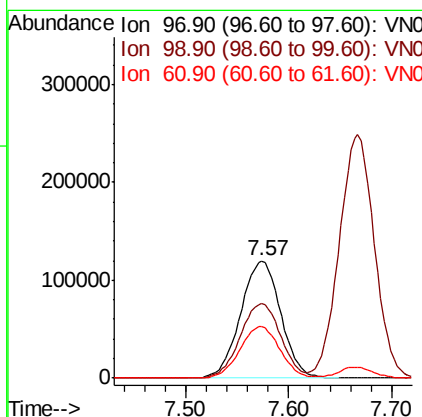
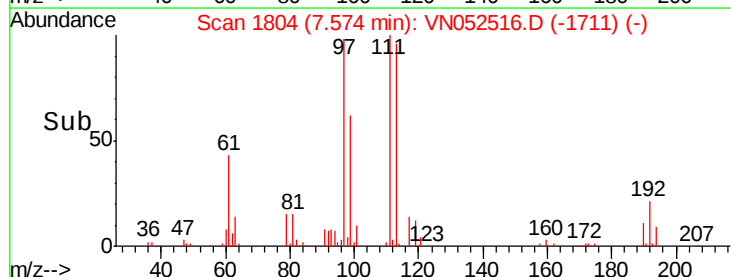
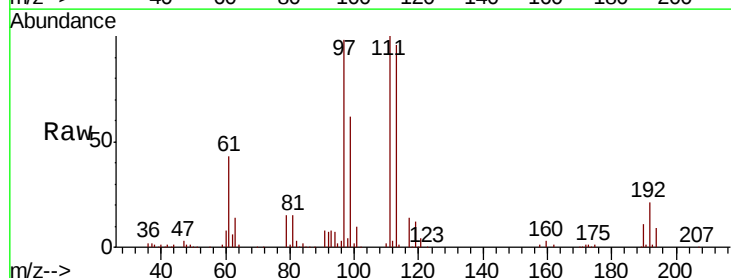
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

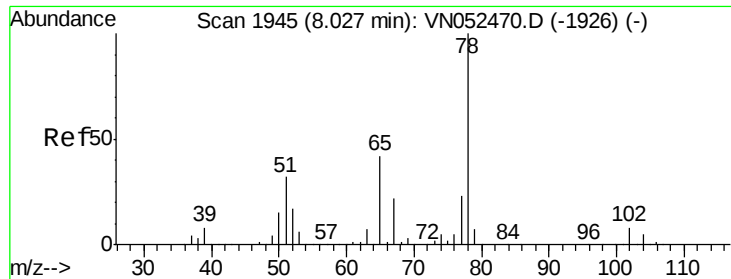
Tot Ion: 56 Resp: 407190
Ion Ratio Lower Upper
56 100
69 38.2 25.8 38.6
84 83.9 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 18.516 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 97 Resp: 323554
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 44.0 36.8 55.2

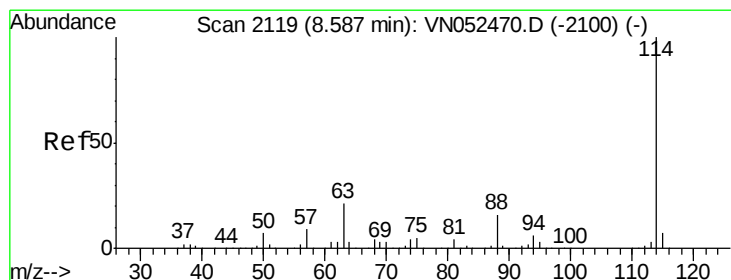
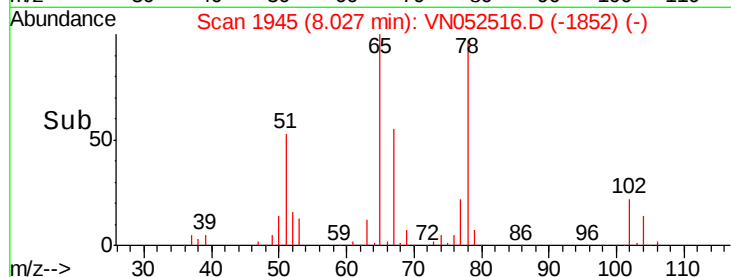
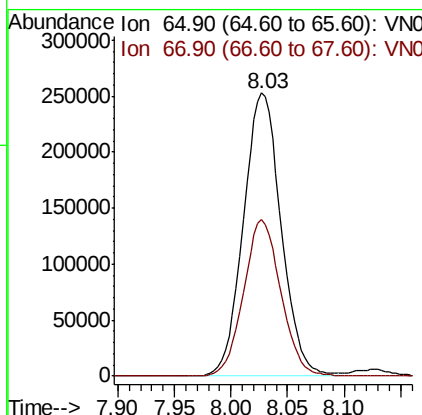
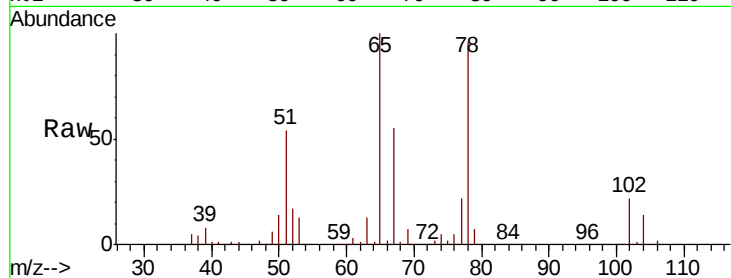




#33
 1,2-Dichloroethane-d4
 Concen: 18.516 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

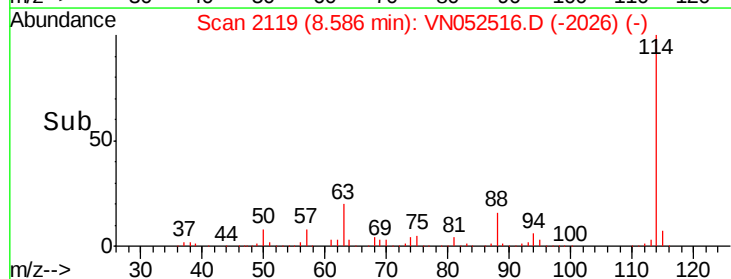
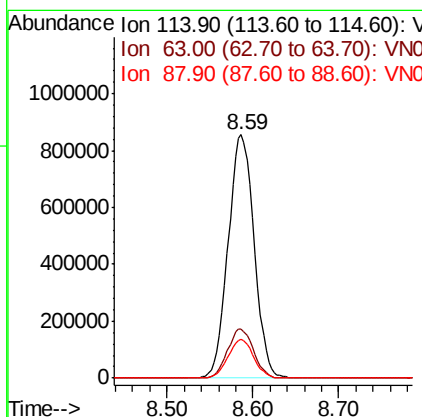
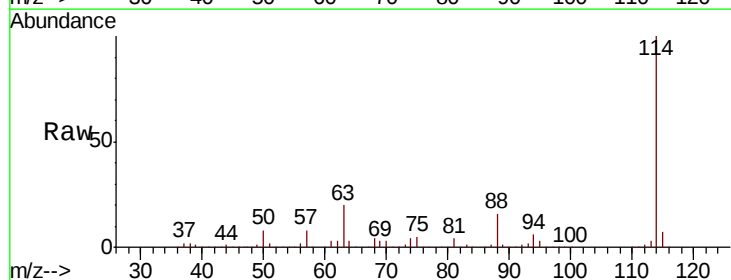
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

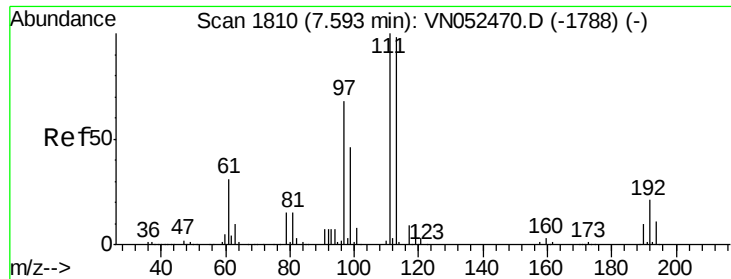
Tot Ion: 65 Resp: 586630
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion: 114 Resp: 1791651
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.7 0.0 31.6

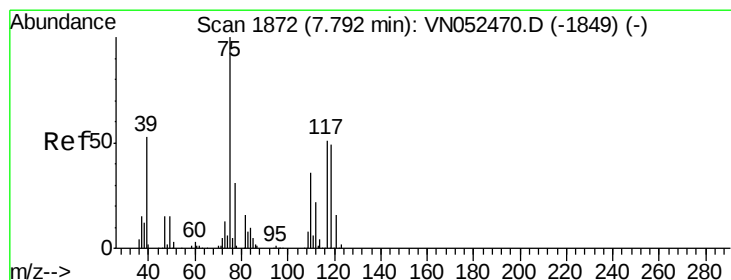
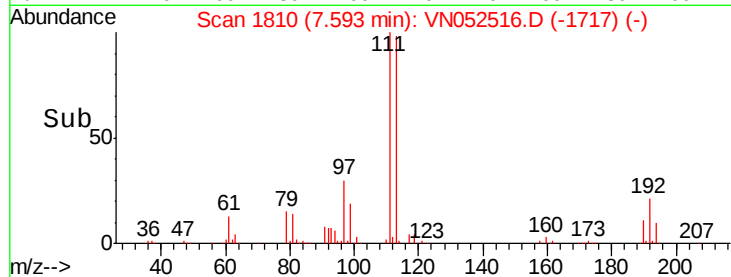
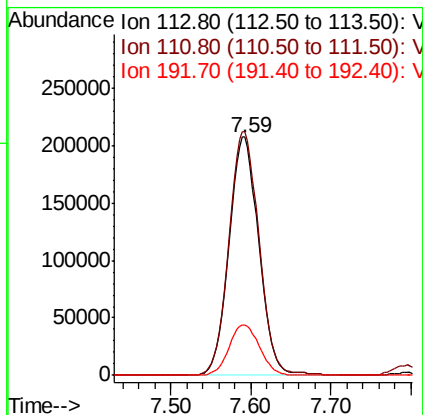
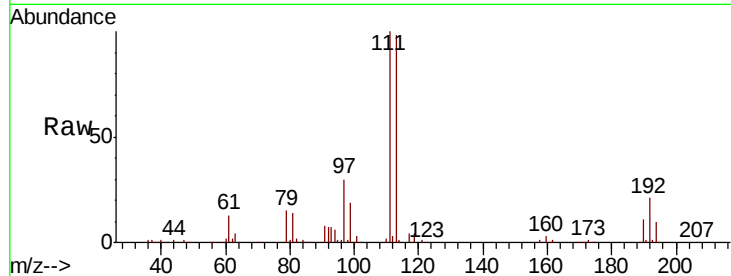




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

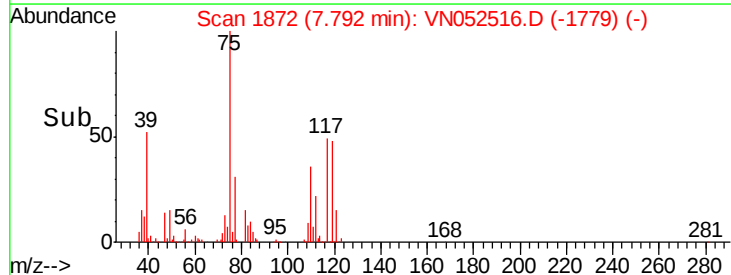
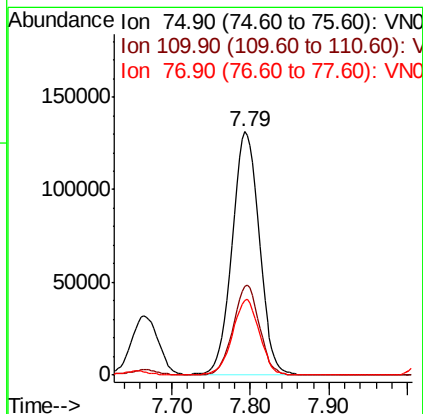
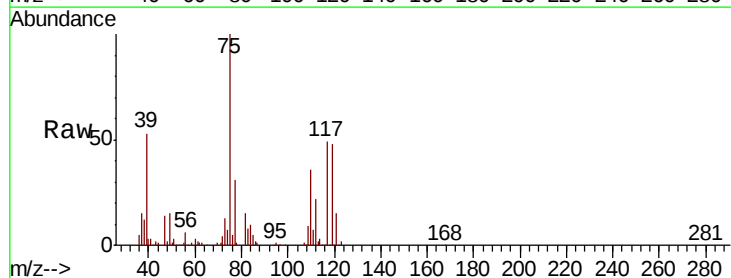
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

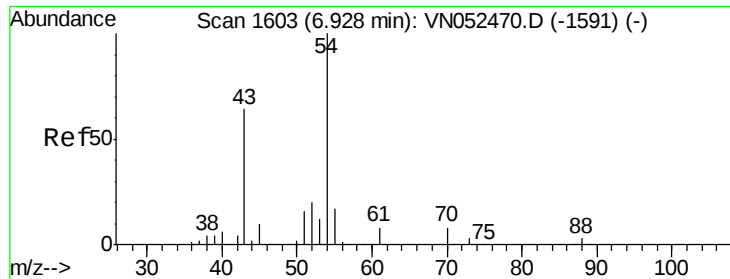
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	21.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 18.726 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.5	52.6
77	30.9	24.5	36.7

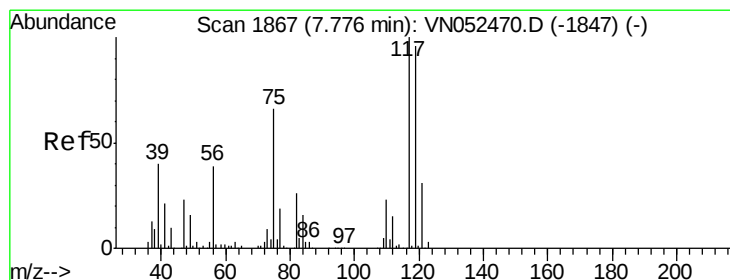
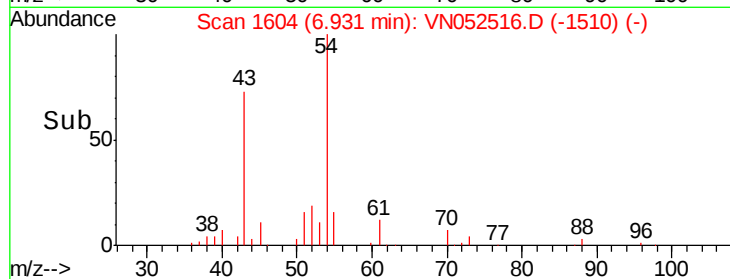
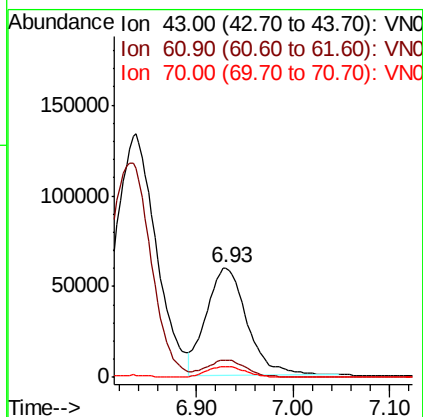
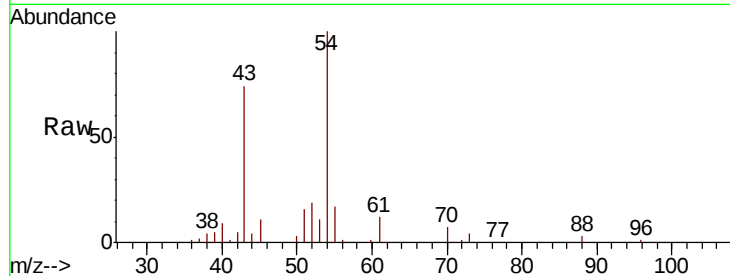




#37
Ethyl Acetate
Concen: 16.880 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

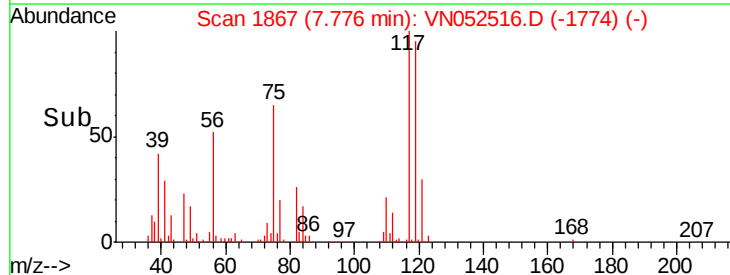
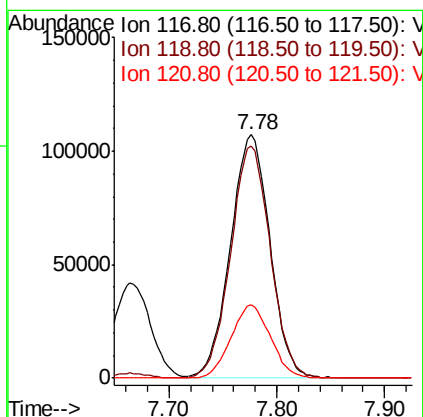
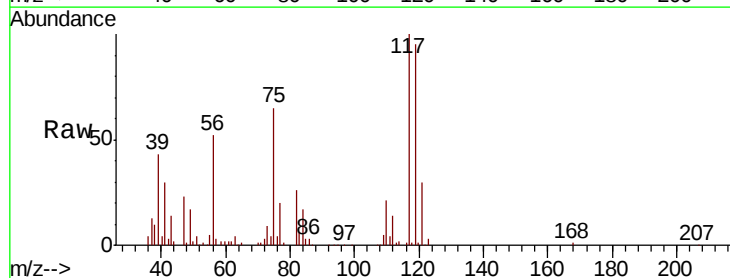
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

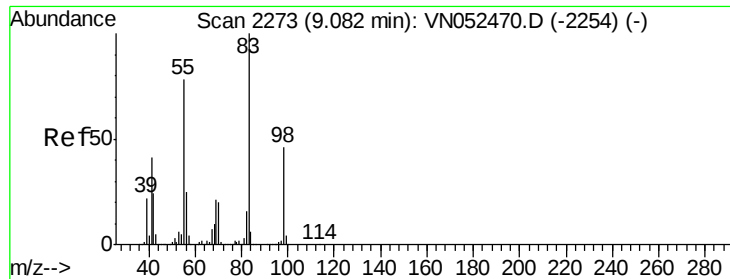
Tot Ion: 43 Resp: 174295
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 17.893 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 117 Resp: 274048
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2
121 29.9 24.9 37.3

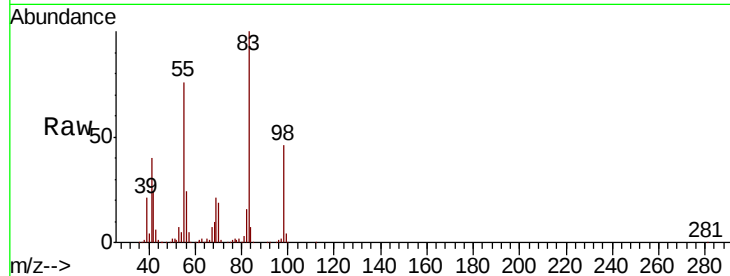




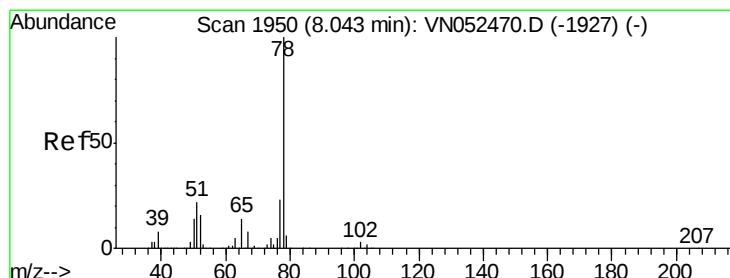
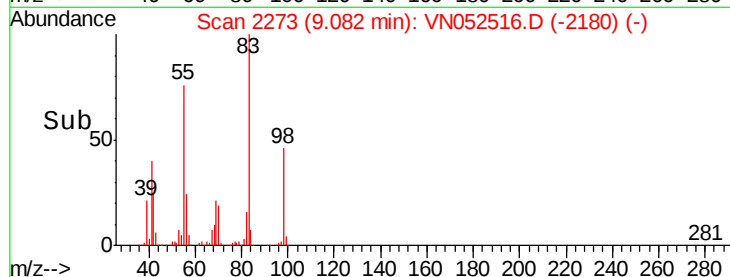
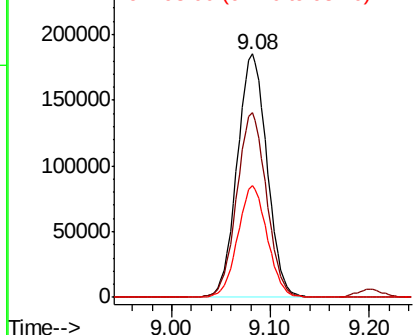
#39
Methvlcvclohexane
Concen: 18.826 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tot Ion: 83 Resp: 387138
Ion Ratio Lower Upper
83 100
55 76.1 62.2 93.2
98 45.8 36.4 54.6

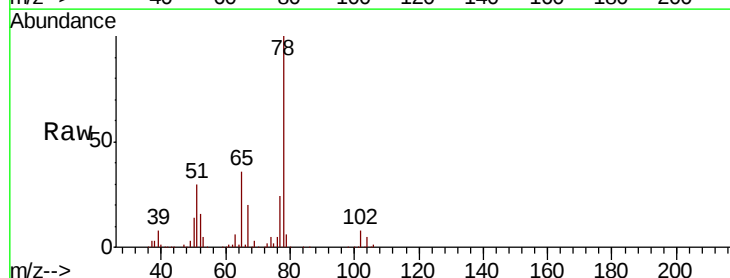


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

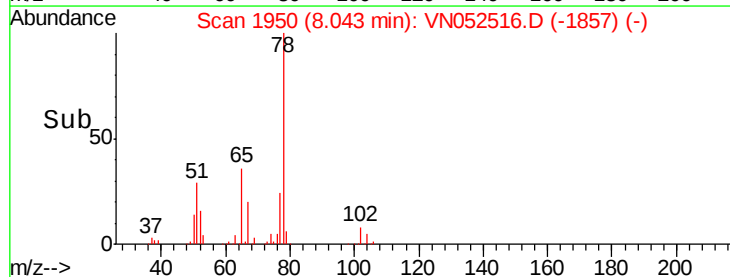
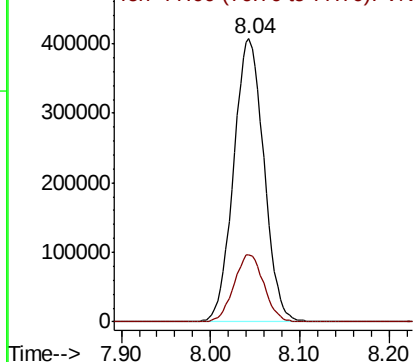


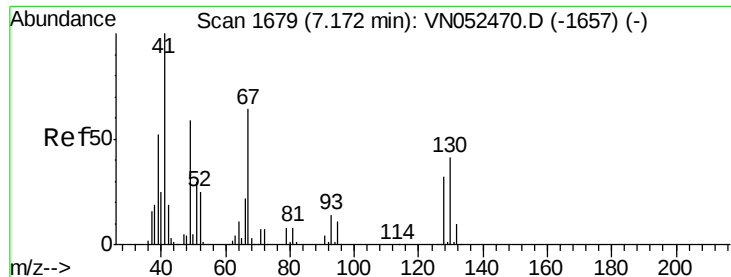
#40
Benzene
Concen: 19.027 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 78 Resp: 959373
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

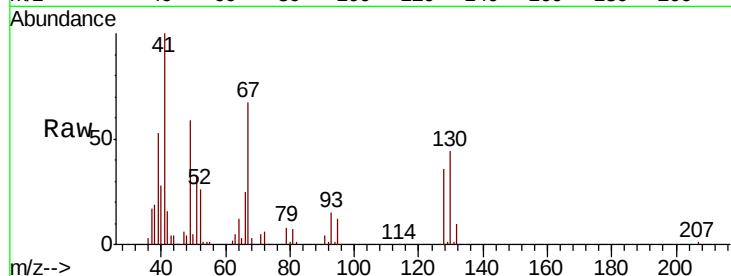




#41
Methacrylonitrile
Concen: 15.759 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tot Ion:	41	Resp:	88962
Ion	Ratio	Lower	Upper
41	100		
39	66.7	50.9	76.3
67	90.7	63.6	95.4
52	36.5	24.4	36.6



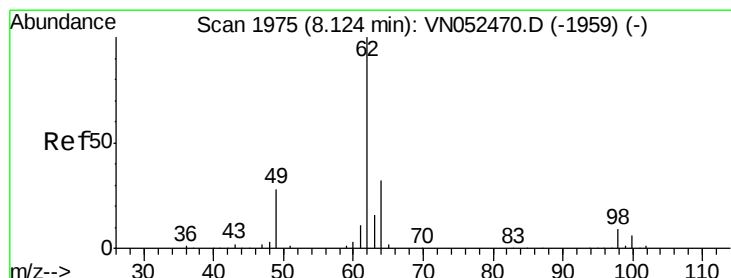
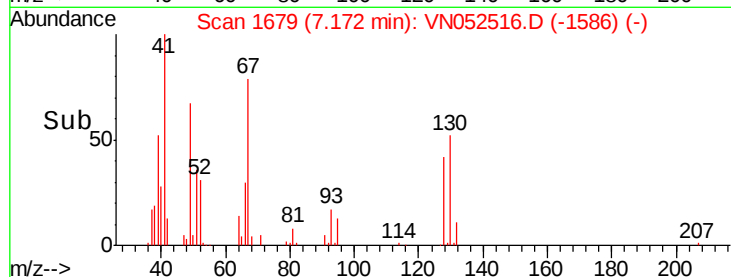
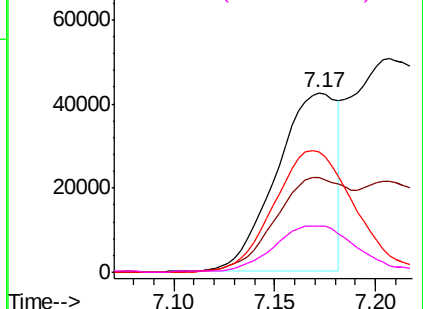
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

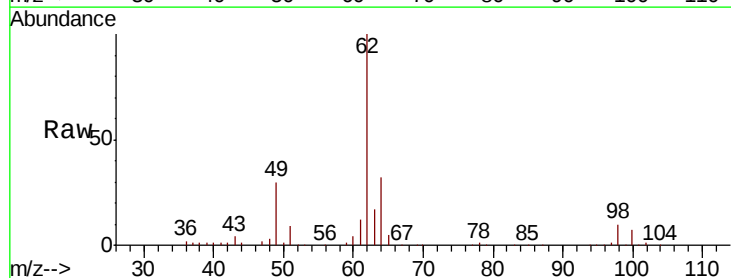
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 18.520 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

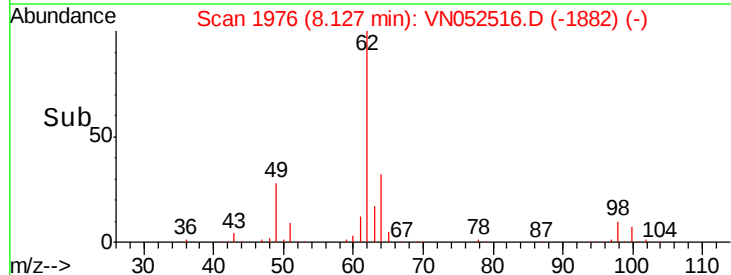
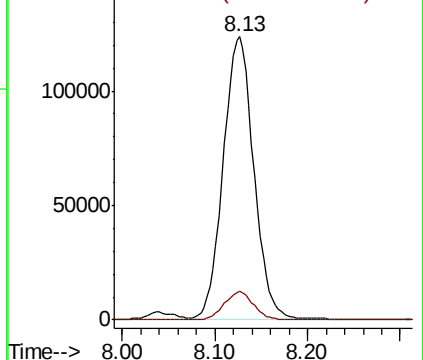
Tgt Ion:	62	Resp:	282752
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

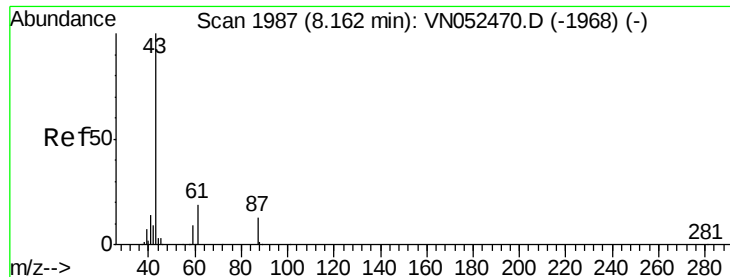


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



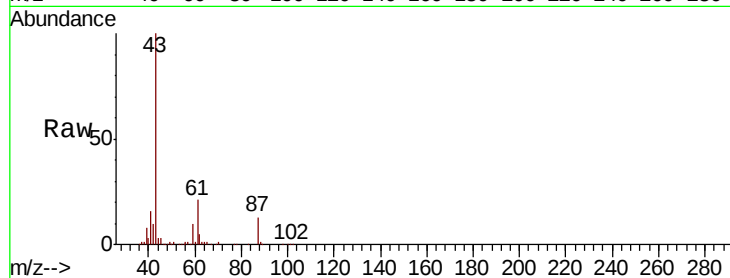


#43

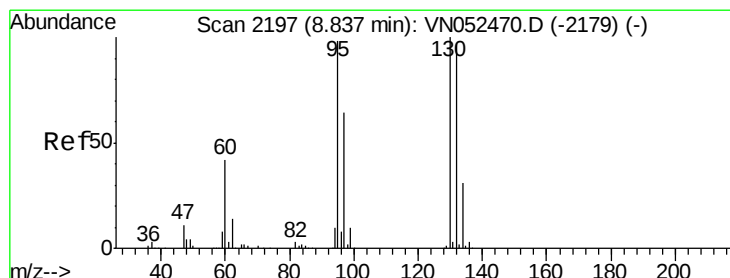
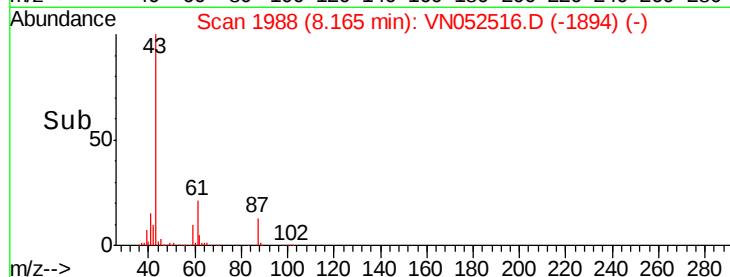
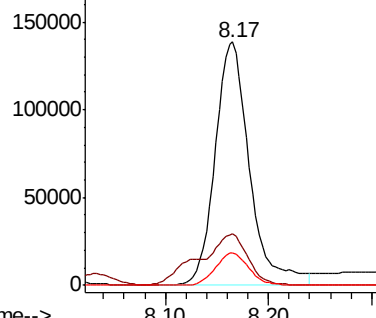
Isopropyl Acetate
 Concen: 18.359 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tot Ion	43	Resp	320802
Ion Ratio	Lower	Upper	
43	100		
61	19.8	24.1	36.1#
87	12.8	10.6	15.8



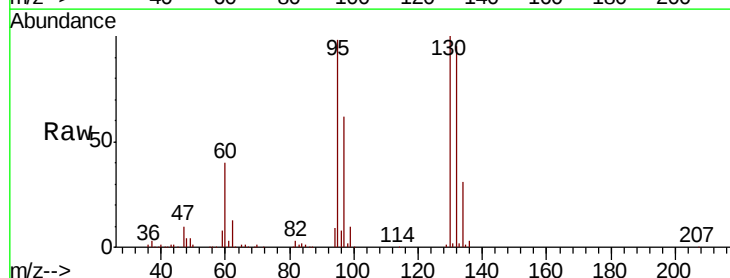
Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)
 Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)
 Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



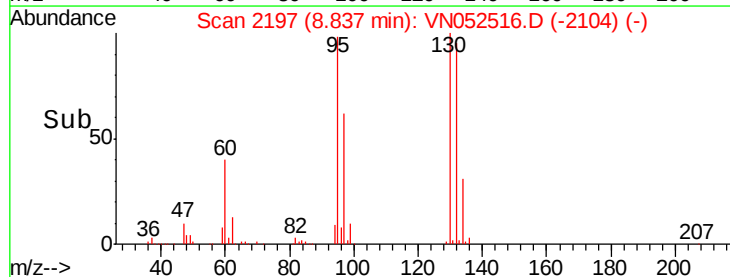
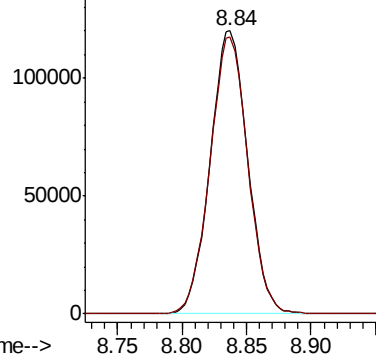
#44

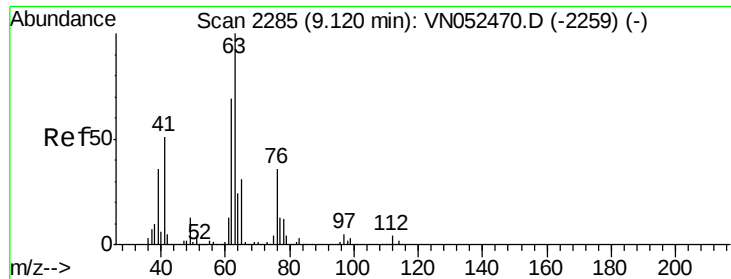
Trichloroethene
 Concen: 18.853 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion	130	Resp	243494
Ion Ratio	Lower	Upper	
130	100		
95	97.7	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) (-)

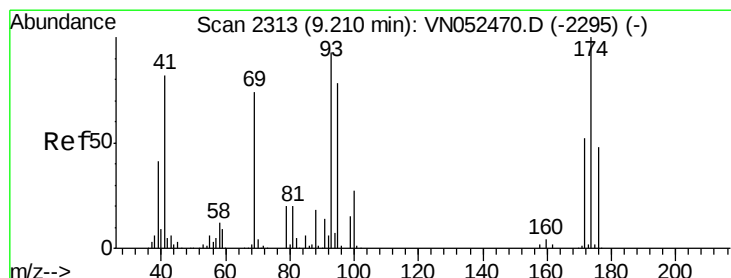
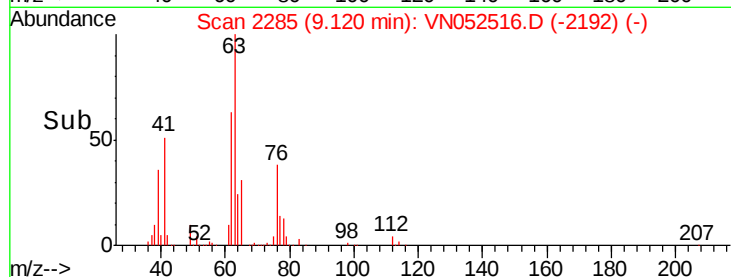
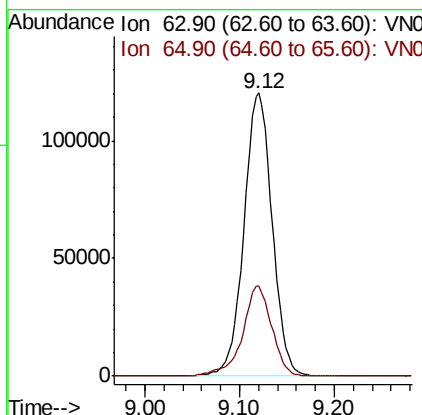
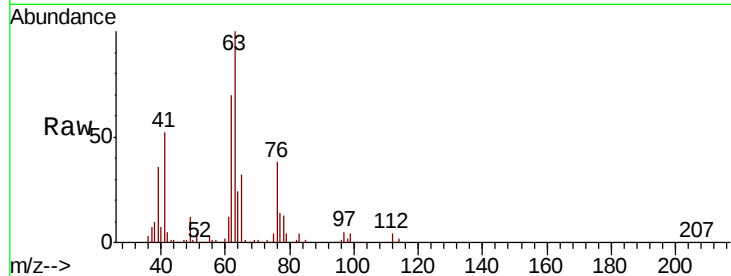




#45
 1,2-Dichloropropane
 Concen: 18.578 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

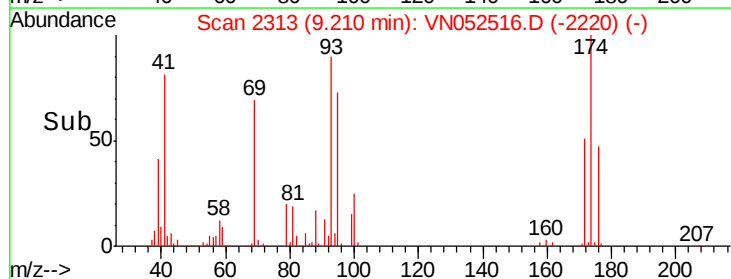
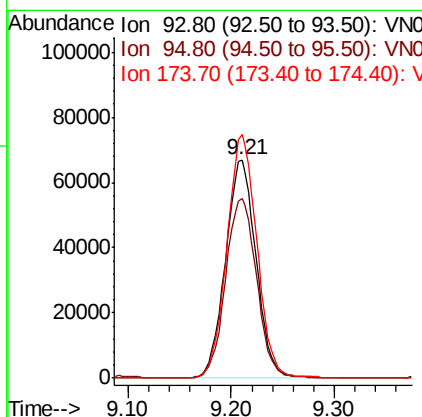
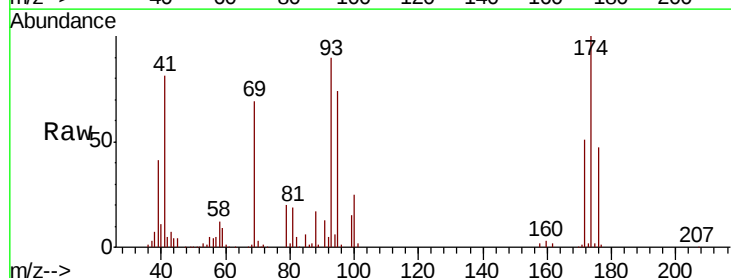
Instrument :
 MSVOA_N
 ClientSampled :
 VN1128WBS01

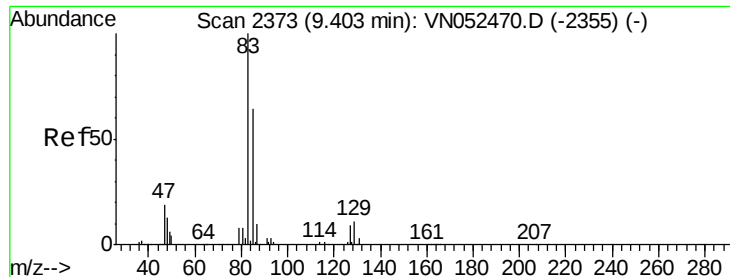
Tot Ion: 63 Resp: 249040
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 18.636 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion: 93 Resp: 138301
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.1 100.7
 174 108.9 85.8 128.8





#47

Bromodichloromethane

Concen: 17.795 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

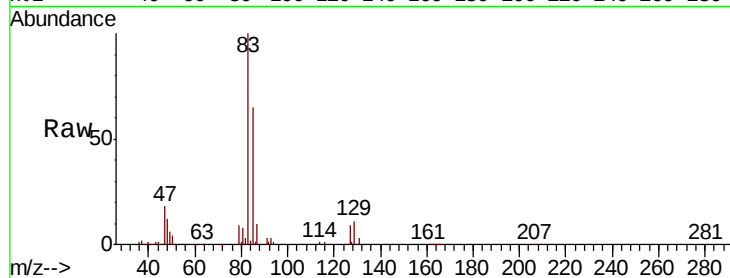
Tot Ion: 83 Resp: 287109

Ion Ratio Lower Upper

83 100

85 64.8 51.3 76.9

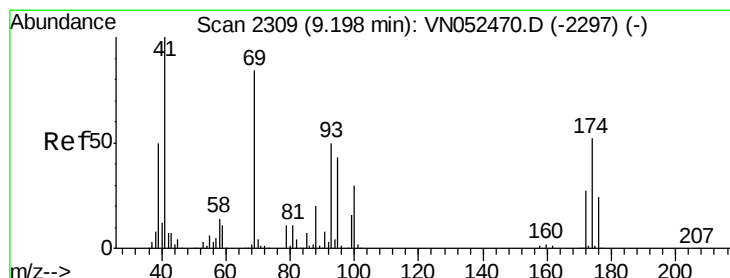
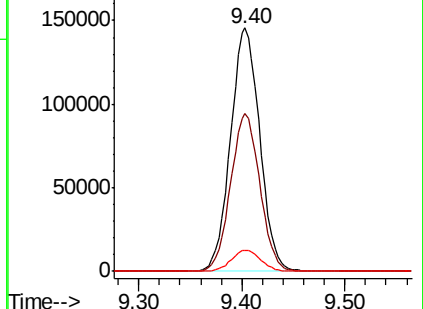
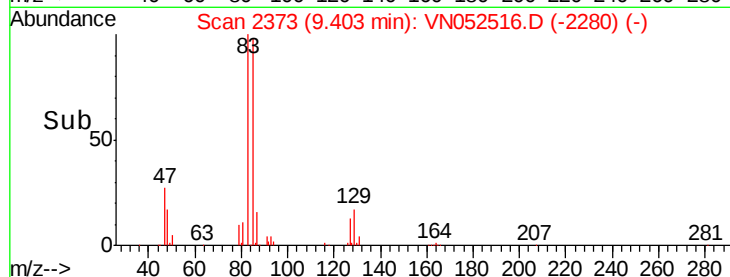
127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN052516.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052516.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052516.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.311 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

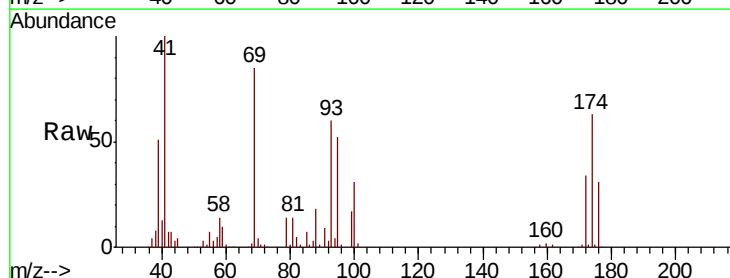
Tgt Ion: 41 Resp: 166837

Ion Ratio Lower Upper

41 100

69 84.9 70.0 105.0

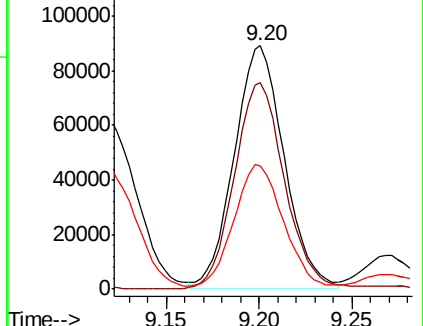
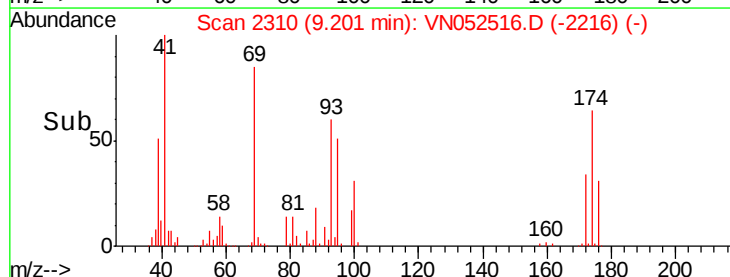
39 51.2 42.6 64.0

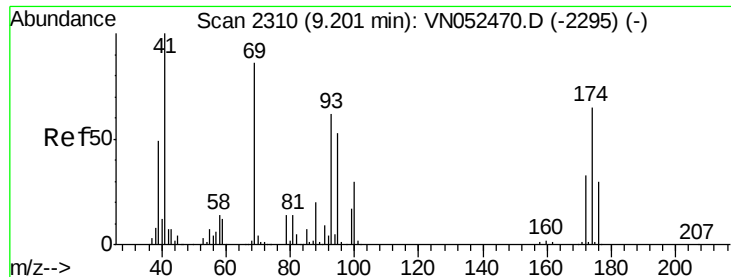


Abundance Ion 41.00 (40.70 to 41.70): VN052516.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052516.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052516.D (-2216) (-)

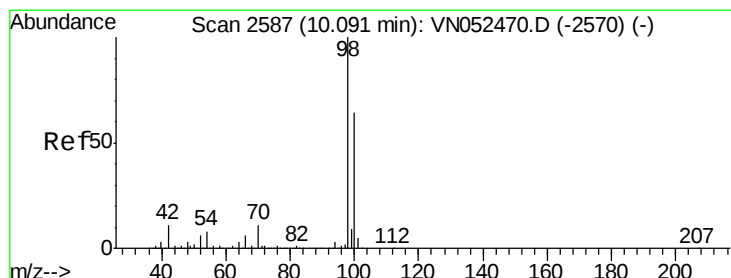
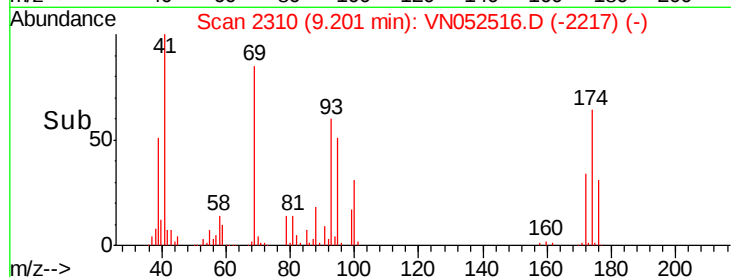
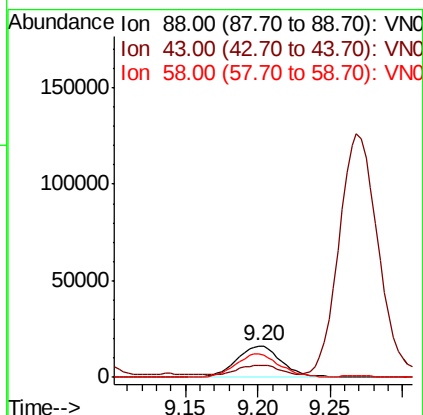
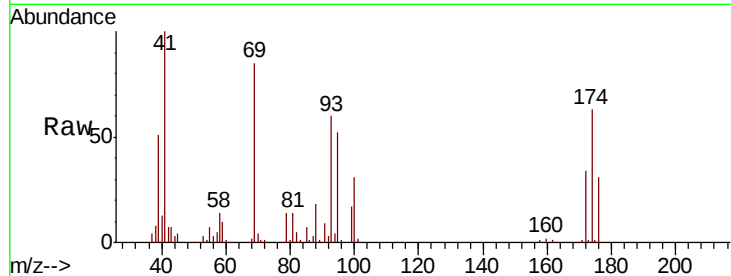




#49
1,4-Dioxane
Concen: 372.003 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

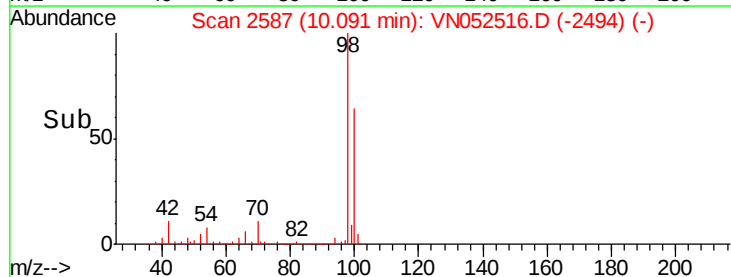
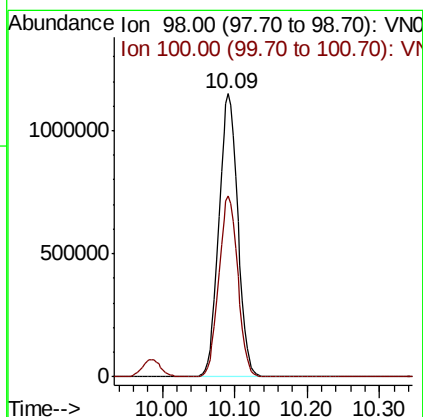
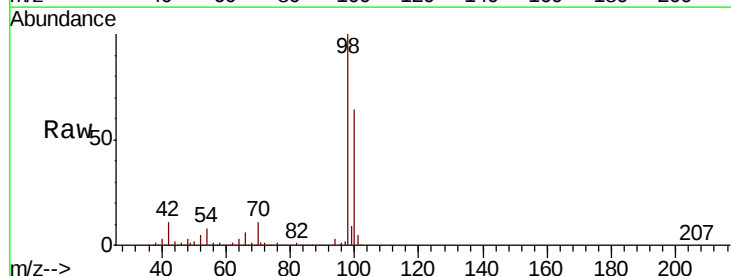
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

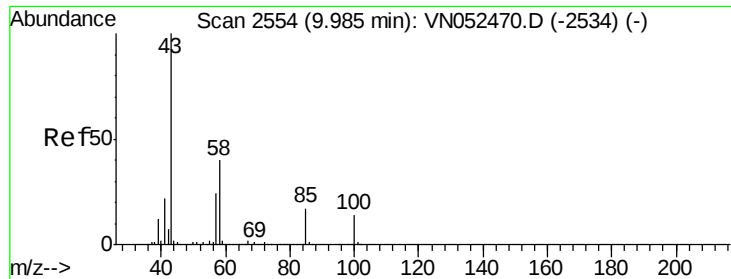
Tot Ion: 88 Resp: 35177
Ion Ratio Lower Upper
88 100
43 28.1 26.4 39.6
58 72.7 55.4 83.0



#50
Toluene-d8
Concen: 372.003 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 98 Resp: 2070890
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 88.865 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

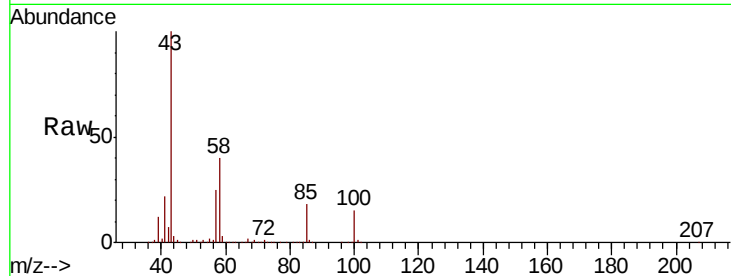
VN1128WBS01

Tot Ion: 43 Resp: 871240

Ion Ratio Lower Upper

43 100

58 40.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2534) (-)

9.99

500000

400000

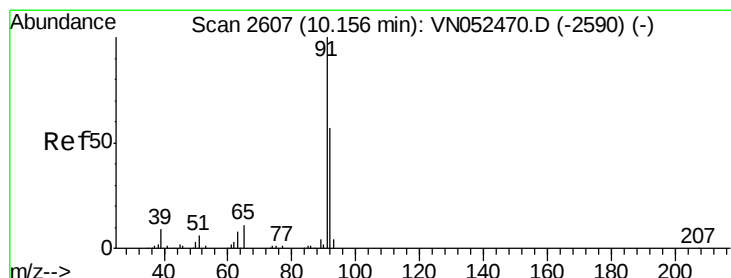
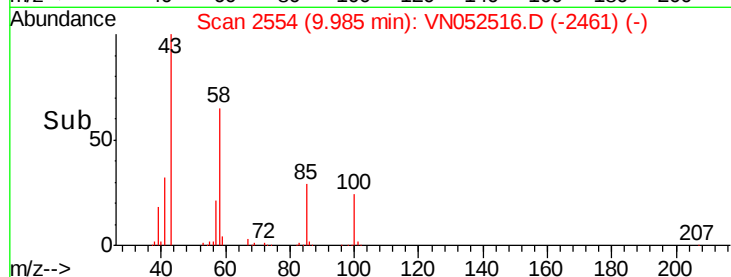
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 21.349 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052516.D

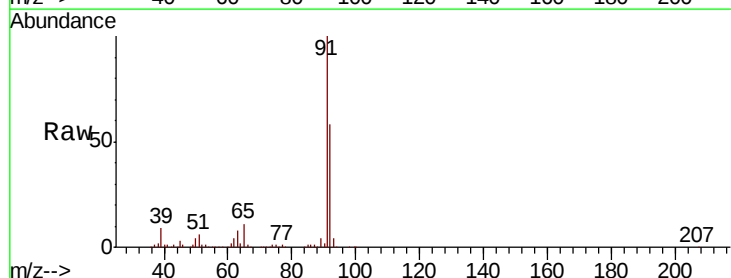
Acq: 28 Nov 2018 13:37

Tgt Ion: 92 Resp: 639583

Ion Ratio Lower Upper

92 100

91 174.3 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN052470.D (-2590) (-)

10.16

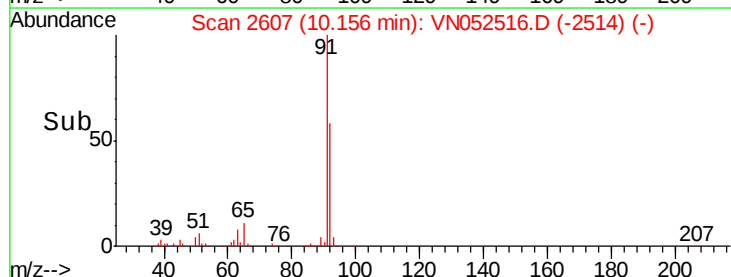
600000

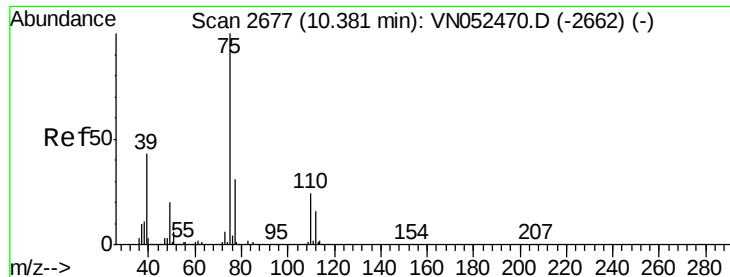
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.579 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

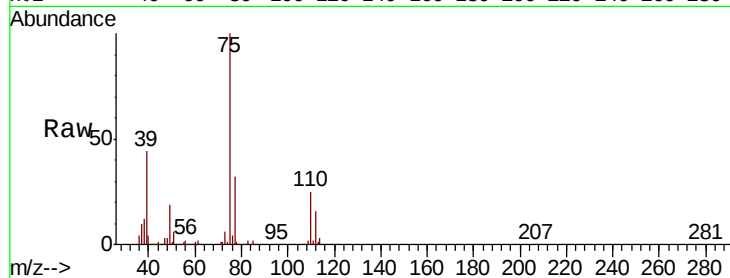
VN1128WBS01

Tot Ion: 75 Resp: 272851

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

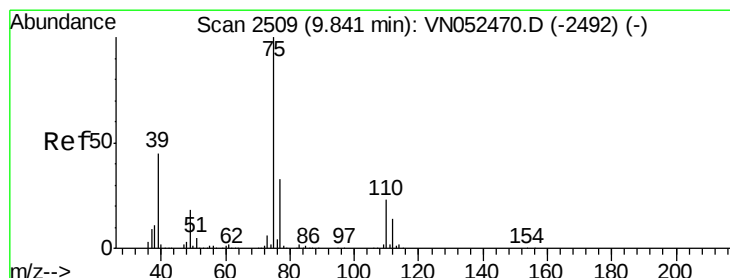
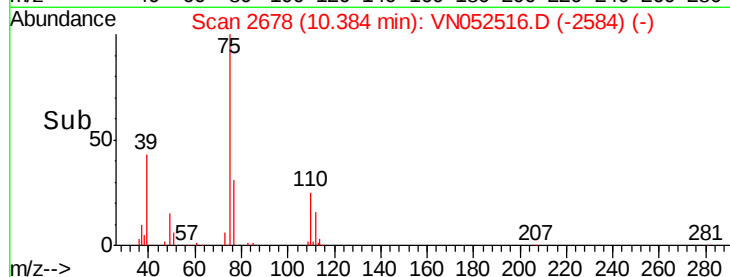
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.337 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

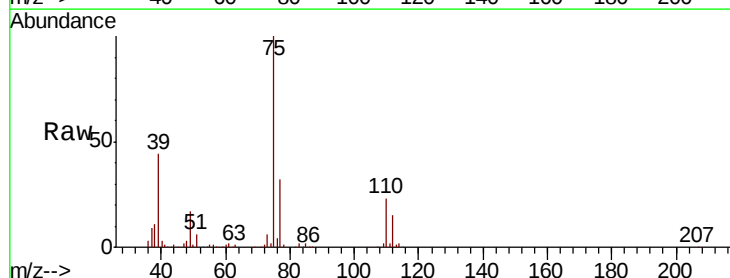
Tgt Ion: 75 Resp: 341075

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 44.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

250000

200000

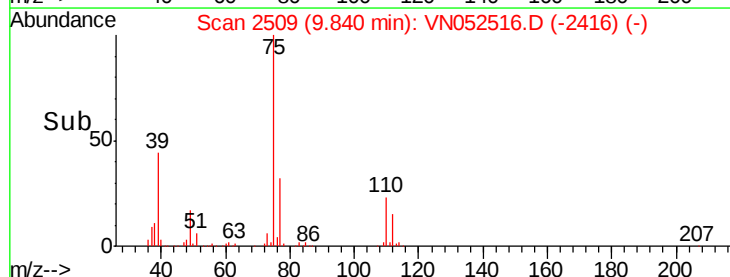
150000

100000

50000

0

Time-->

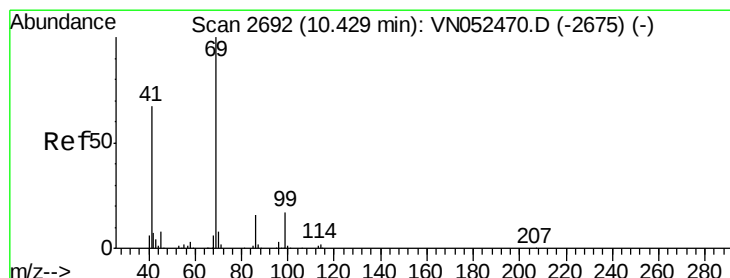
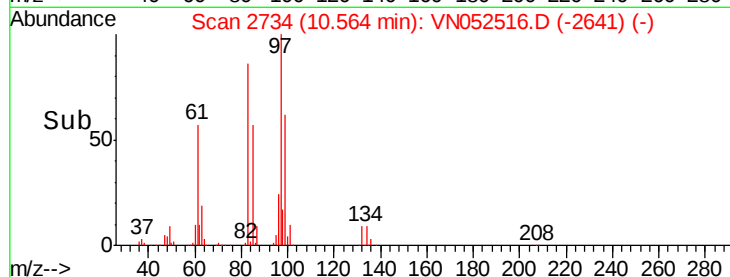
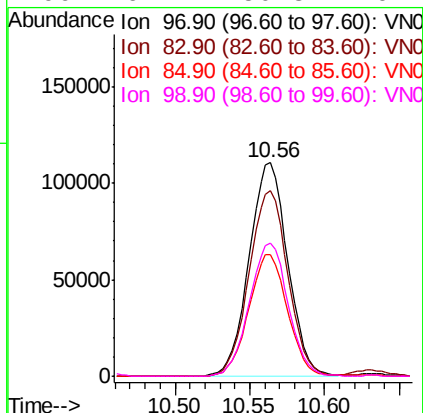
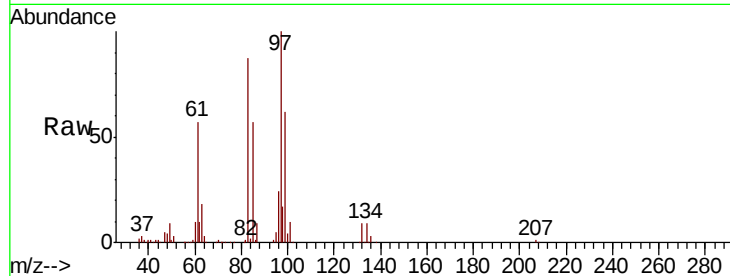




#55
 1,1,2-Trichloroethane
 Concen: 18.816 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

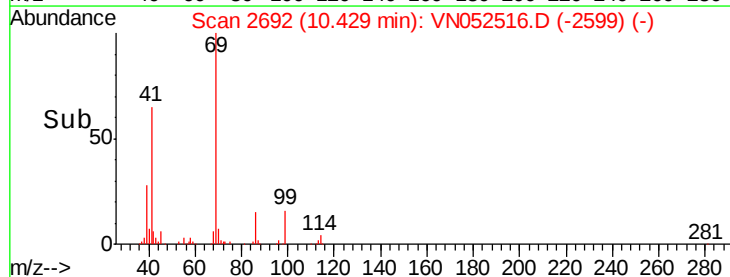
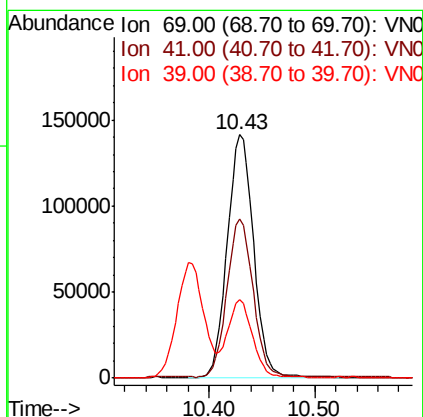
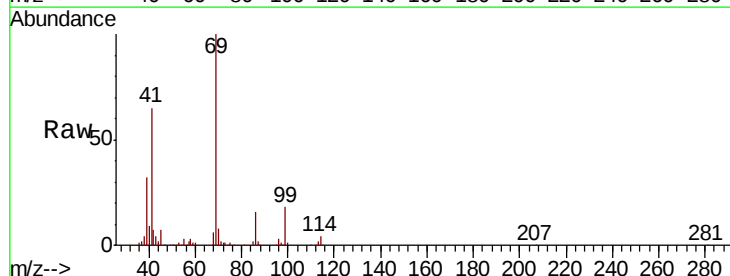
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

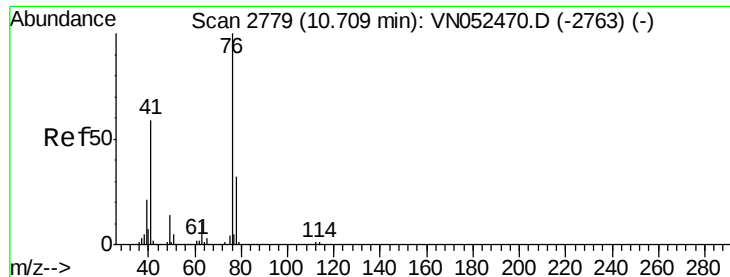
Tot Ion: 97 Resp: 198284
 Ion Ratio Lower Upper
 97 100
 83 86.6 70.7 106.1
 85 56.7 46.1 69.1
 99 62.2 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 18.577 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion: 69 Resp: 245658
 Ion Ratio Lower Upper
 69 100
 41 63.6 52.6 79.0
 39 29.6 25.9 38.9





#57

1,3-Dichloropropane

Concen: 18.607 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

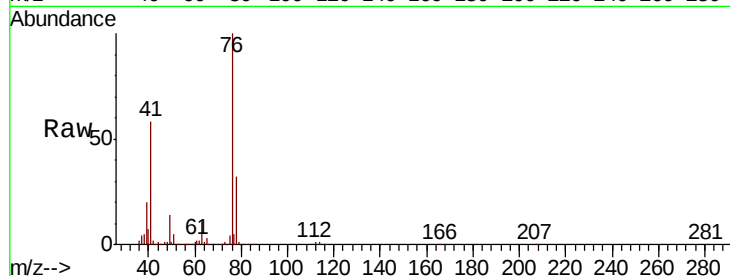
VN1128WBS01

Tot Ion: 76 Resp: 346223

Ion Ratio Lower Upper

76 100

78 31.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

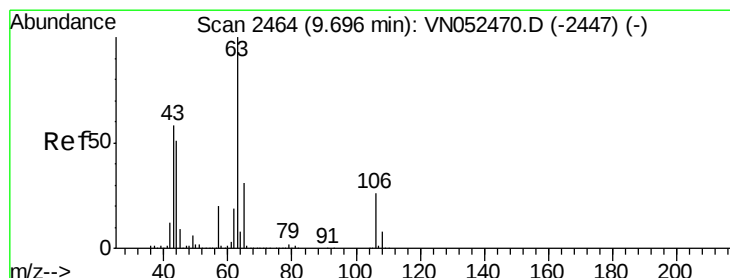
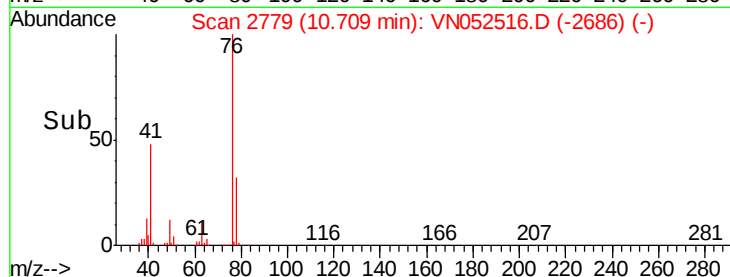
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 91.878 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052516.D

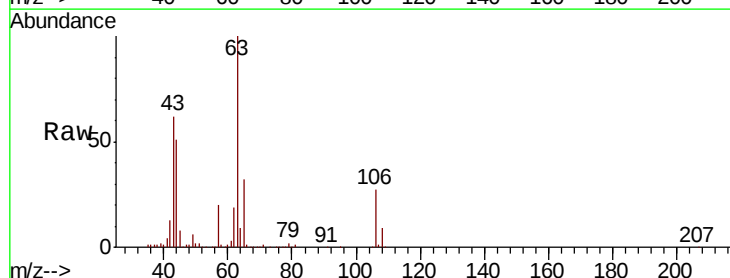
Acq: 28 Nov 2018 13:37

Tgt Ion: 63 Resp: 702542

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

9.70

400000

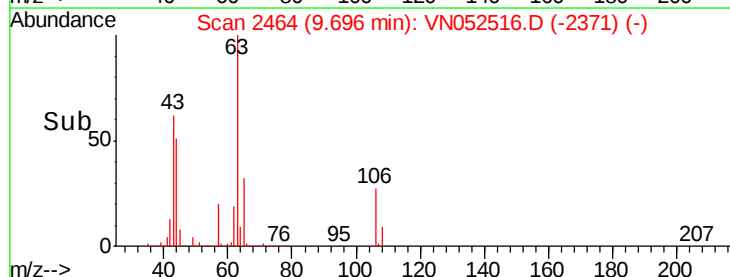
300000

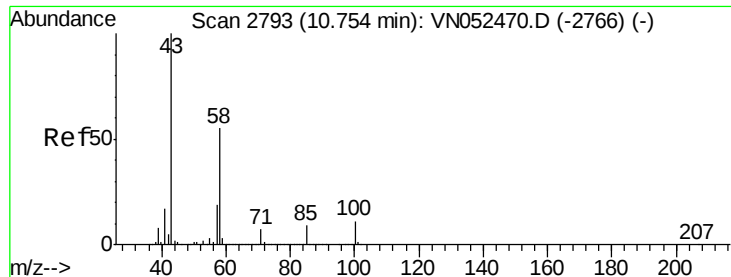
200000

100000

0

Time--> 9.60 9.65 9.70 9.75 9.80

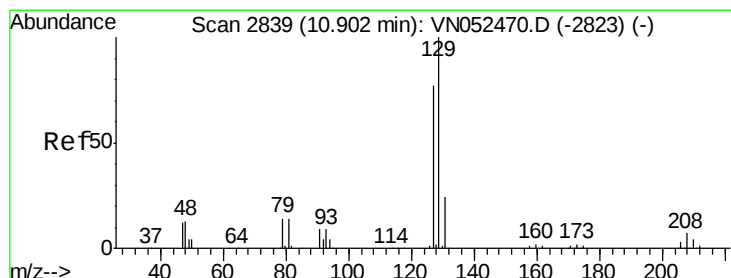
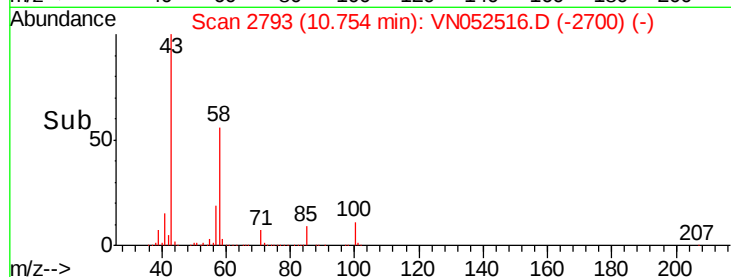
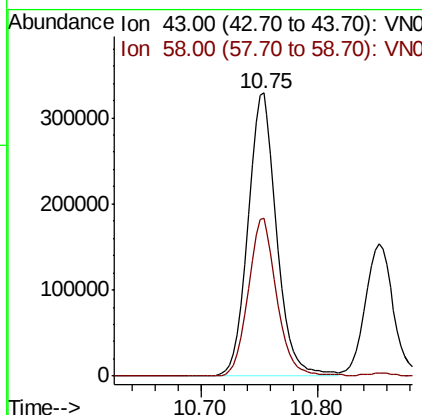
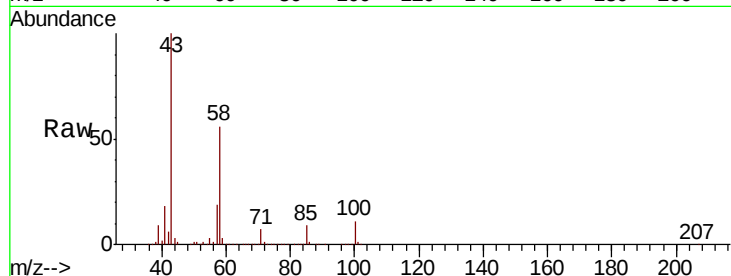




#59
2-Hexanone
Concen: 85.960 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

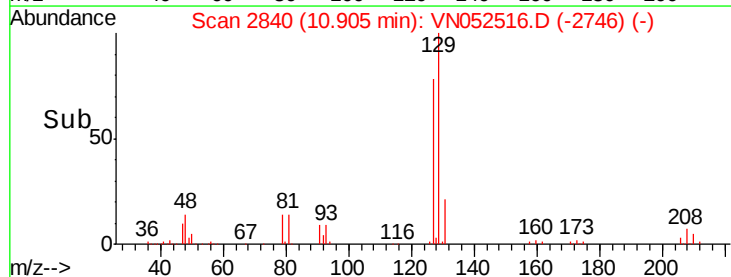
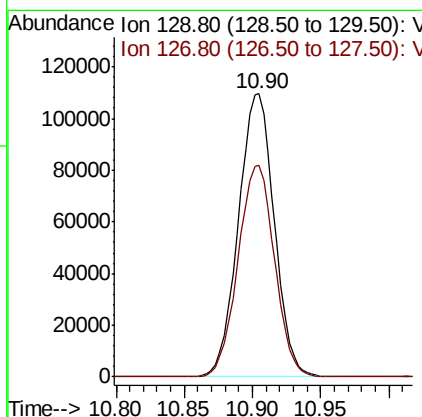
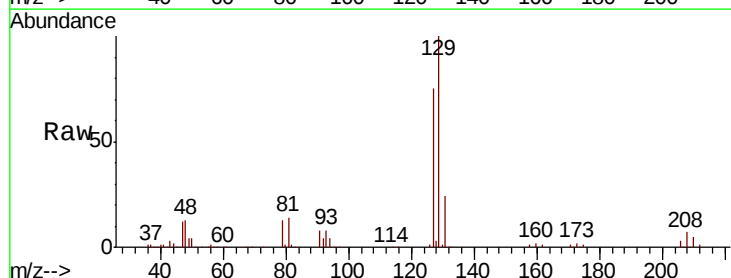
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

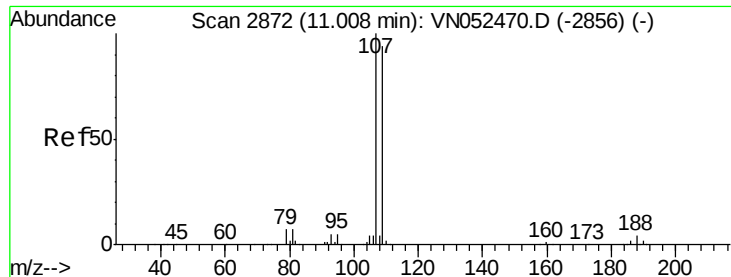
Tot Ion: 43 Resp: 565621
Ion Ratio Lower Upper
43 100
58 55.8 27.4 82.0



#60
Dibromochloromethane
Concen: 17.484 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion: 129 Resp: 200104
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.278 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

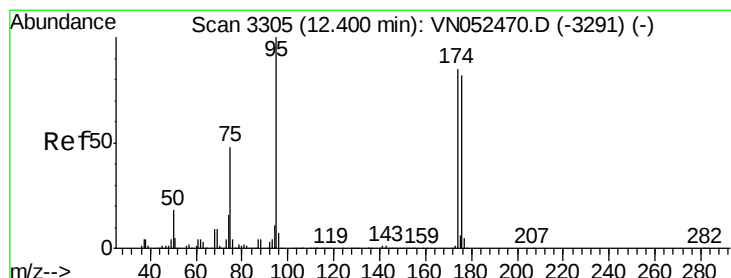
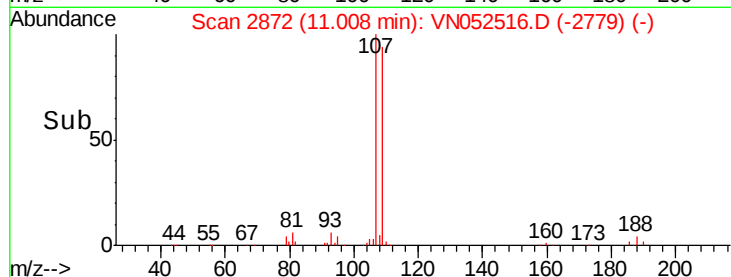
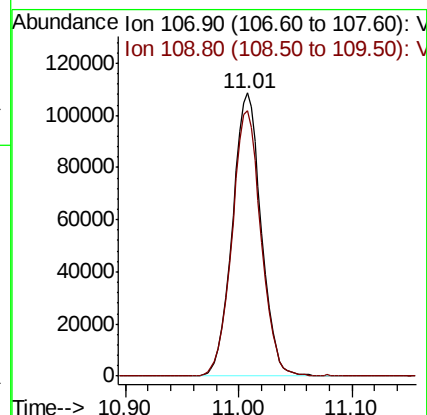
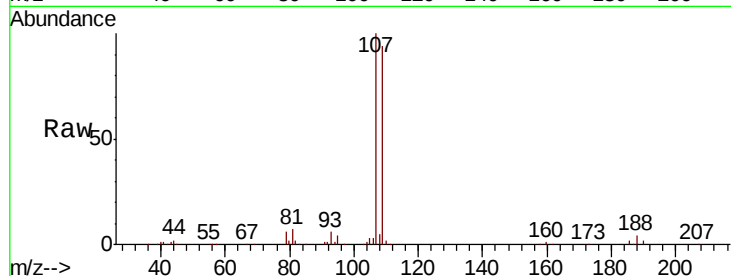
VN1128WBS01

Tot Ion:107 Resp: 191304

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 18.278 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

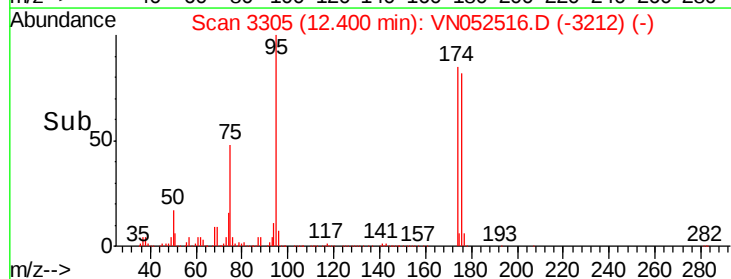
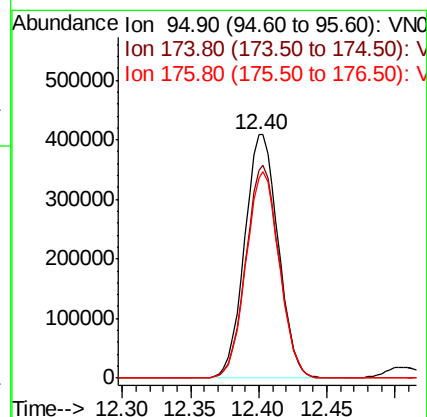
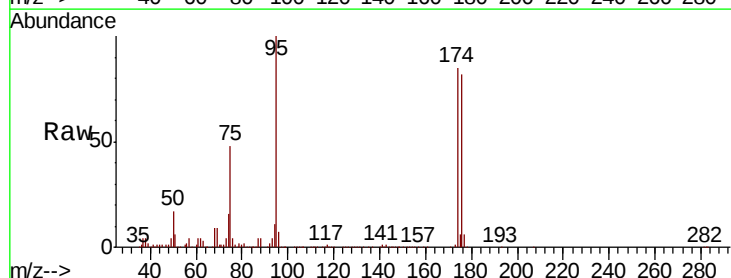
Tgt Ion: 95 Resp: 699094

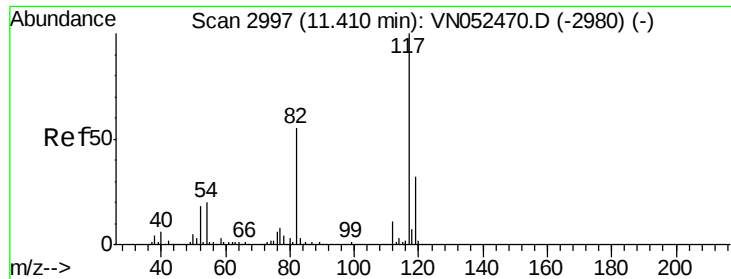
Ion Ratio Lower Upper

95 100

174 86.5 0.0 173.0

176 83.8 0.0 166.2

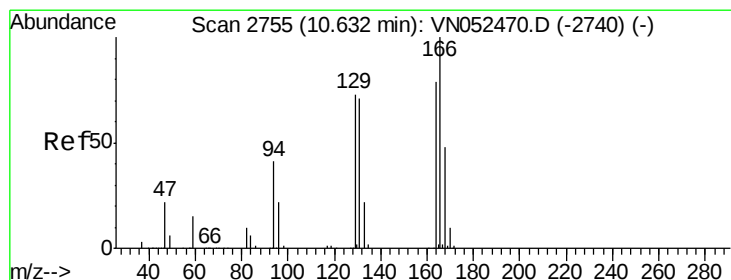
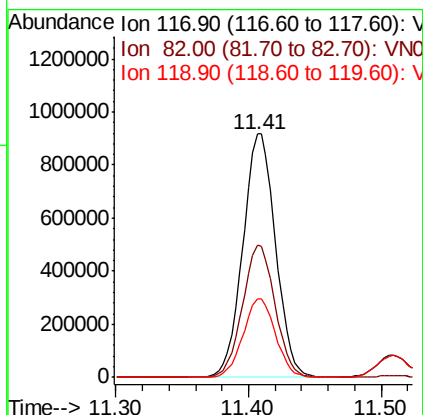
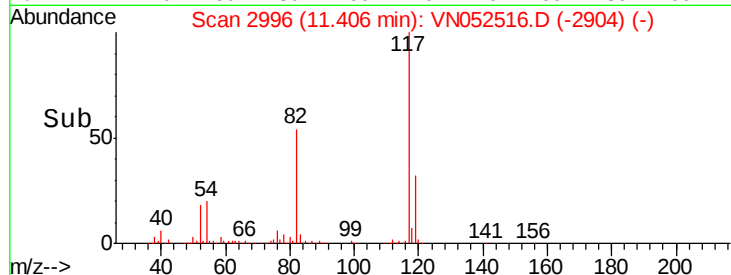
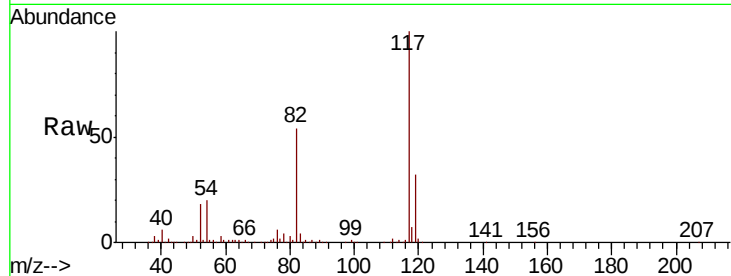




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

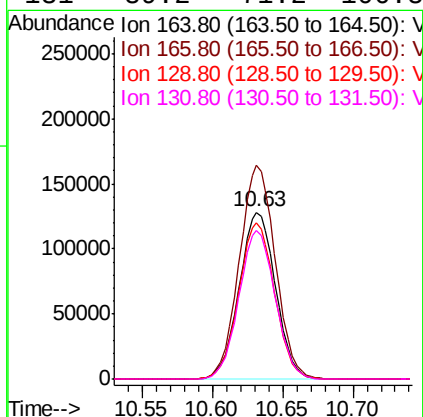
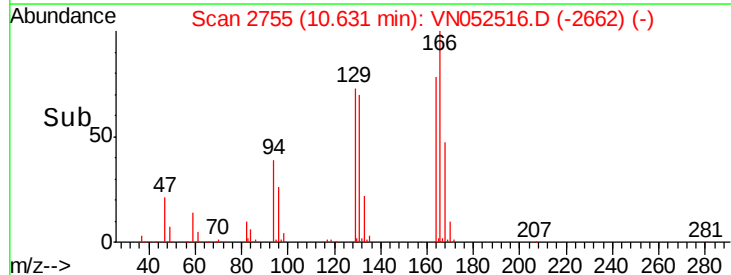
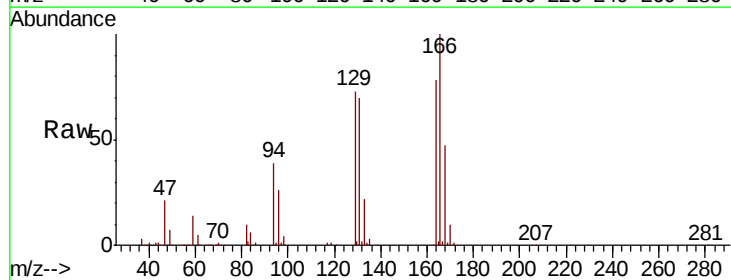
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tot Ion:117 Resp: 1569747
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 18.959 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:164 Resp: 230749
Ion Ratio Lower Upper
164 100
166 128.1 101.0 151.4
129 93.6 73.8 110.6
131 89.2 71.2 106.8





#65

Chlorobenzene

Concen: 19.149 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

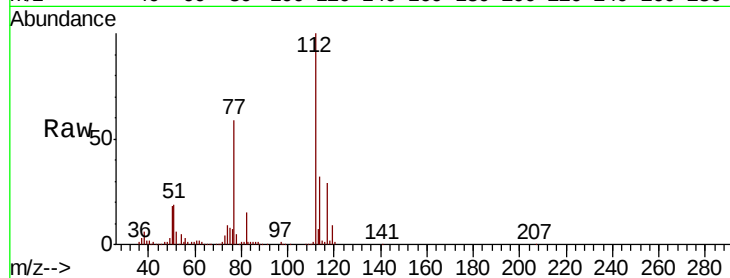
VN1128WBS01

Tot Ion:112 Resp: 619822

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

400000

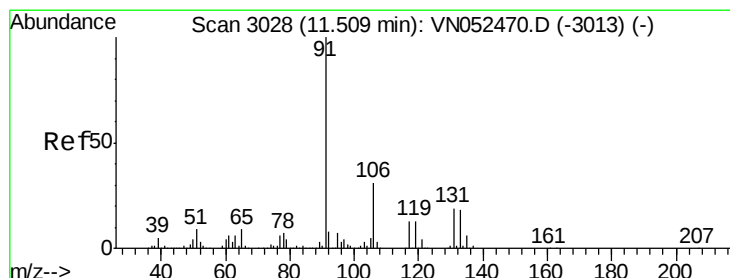
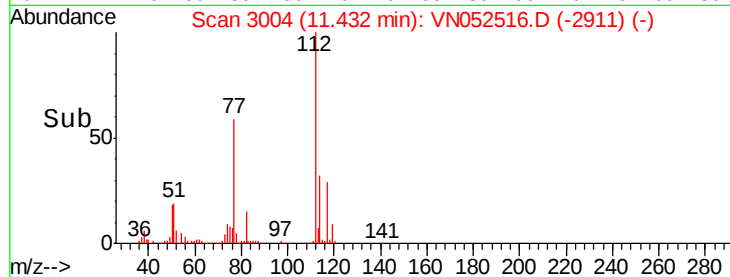
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.554 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

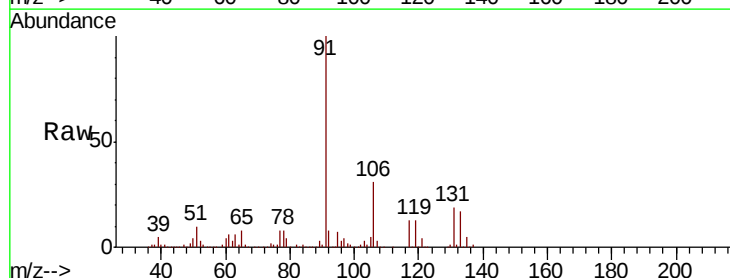
Tgt Ion:131 Resp: 208818

Ion Ratio Lower Upper

131 100

133 94.1 47.6 142.8

119 66.9 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

400000

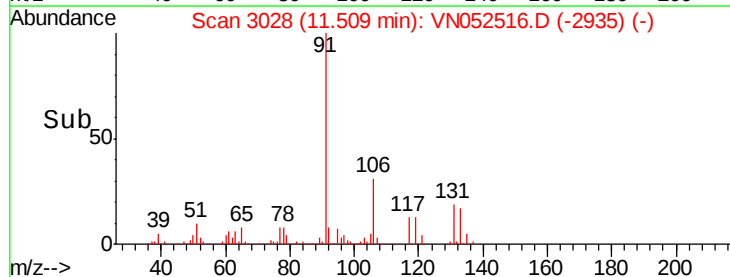
300000

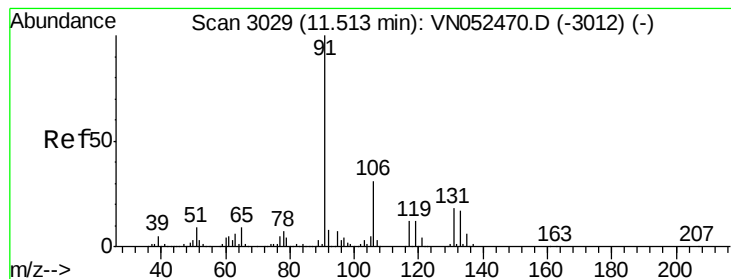
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 19.635 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

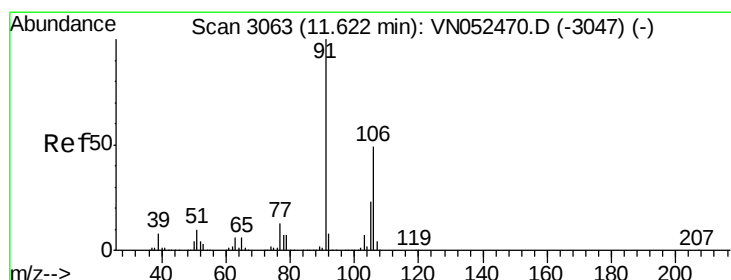
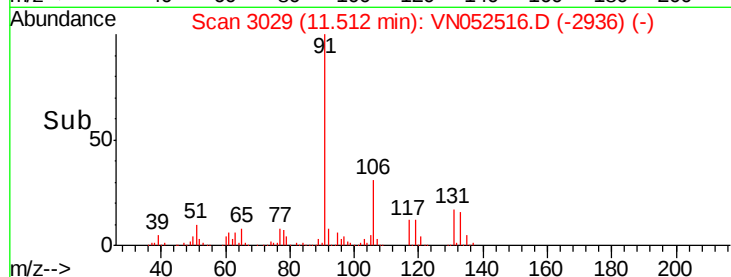
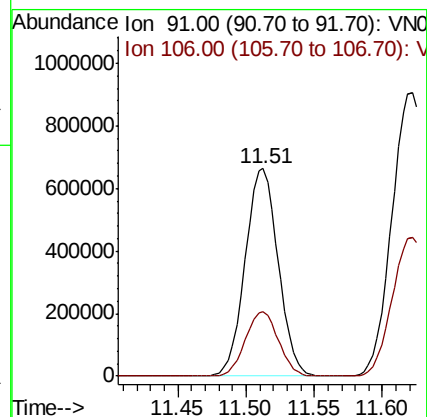
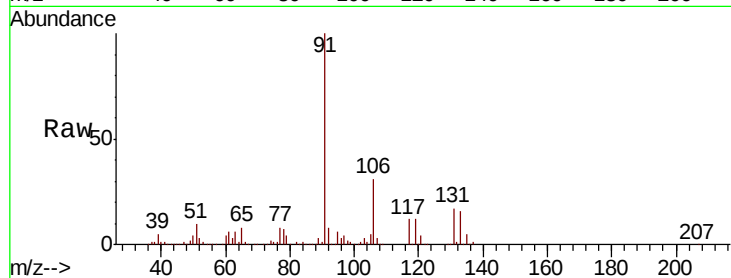
VN1128WBS01

Tot Ion: 91 Resp: 1112930

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 40.856 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN052516.D

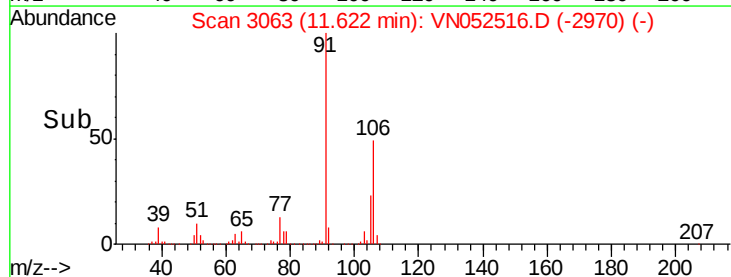
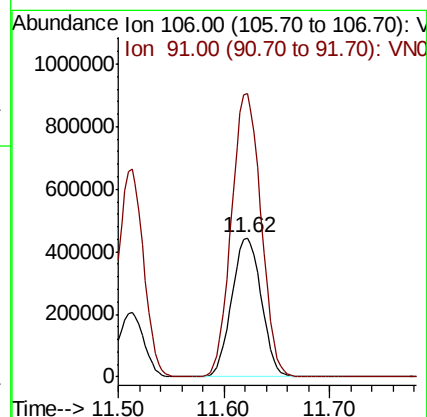
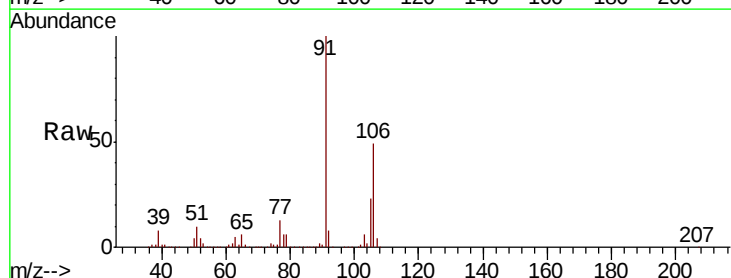
Acq: 28 Nov 2018 13:37

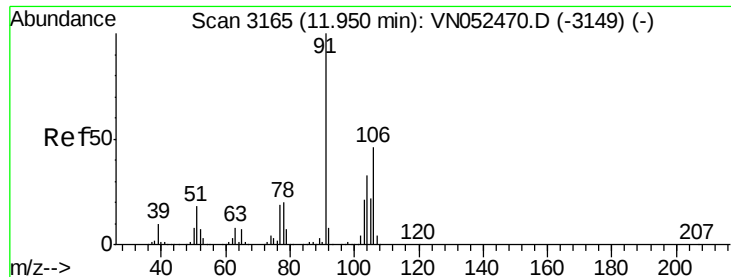
Tgt Ion: 106 Resp: 862109

Ion Ratio Lower Upper

106 100

91 204.1 163.2 244.8

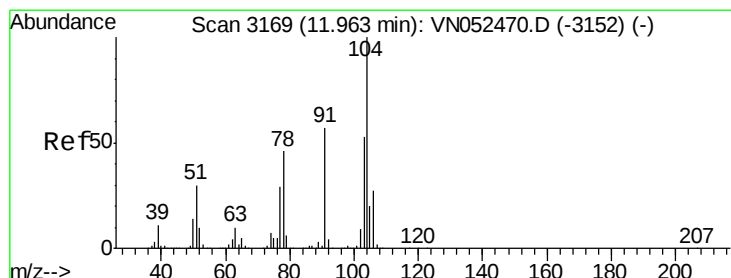
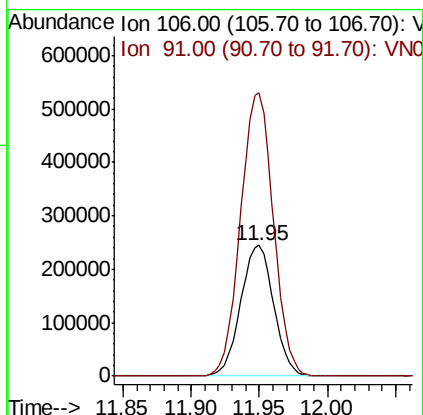
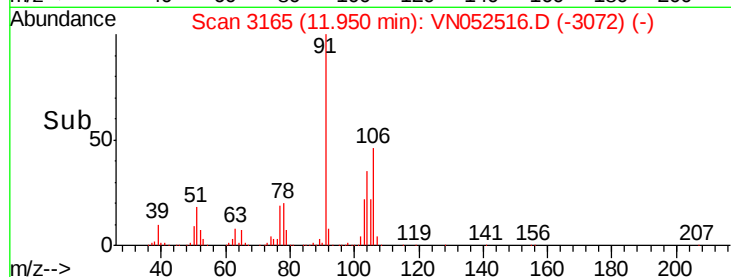
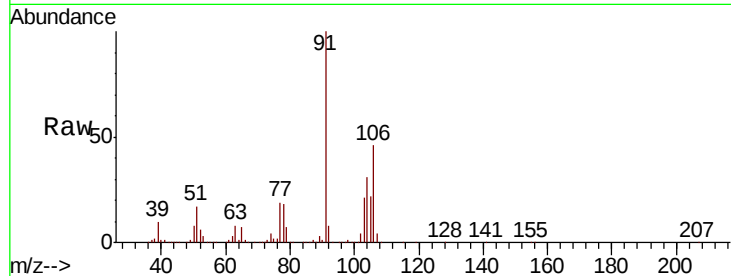




#69
o-Xylene
Concen: 20.044 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

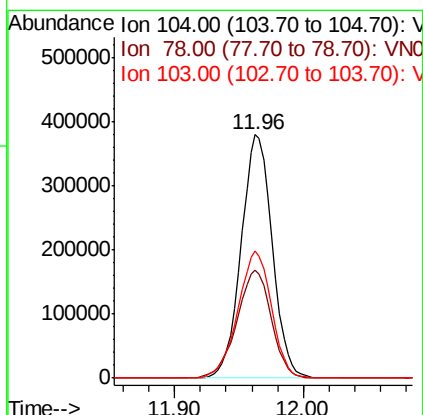
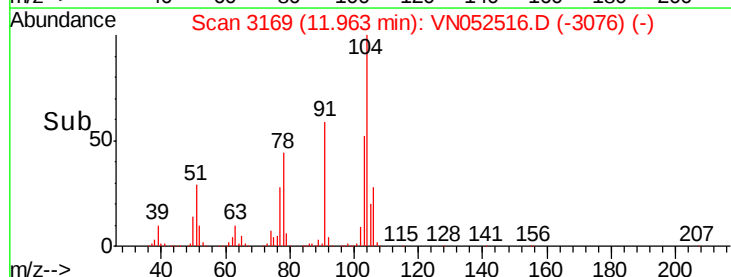
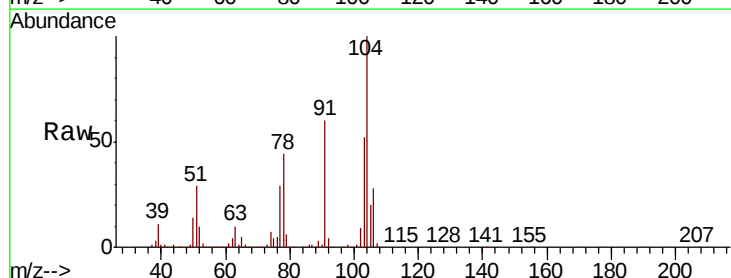
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tot Ion:106 Resp: 410721
Ion Ratio Lower Upper
106 100
91 215.8 107.7 323.1



#70
Styrene
Concen: 19.506 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:104 Resp: 636642
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.2
103 56.4 44.9 67.3

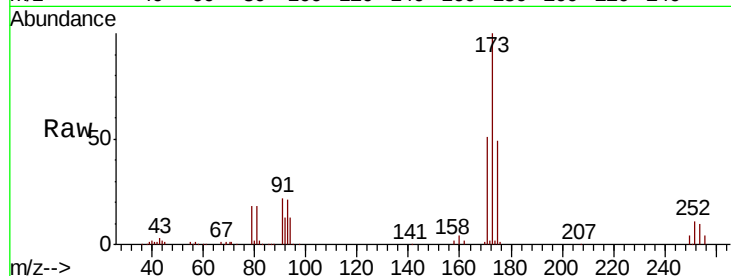




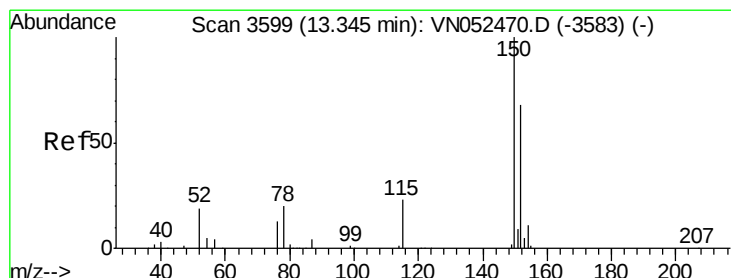
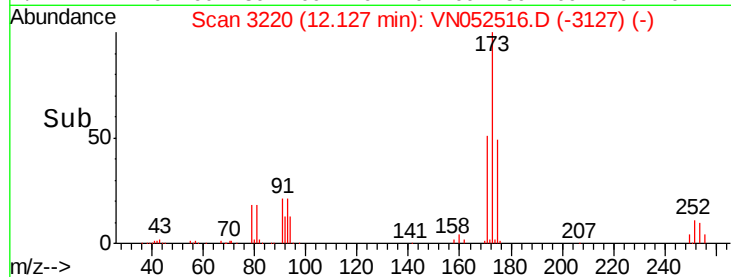
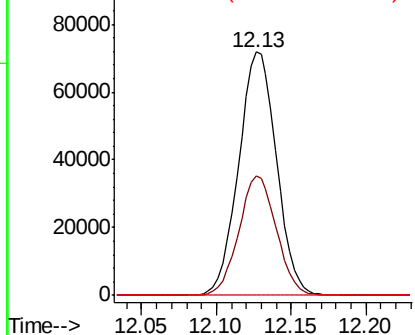
#71
Bromoform
Concen: 16.940 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tot Ion:173 Resp: 126232
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.2
254 0.0 0.1 0.1#

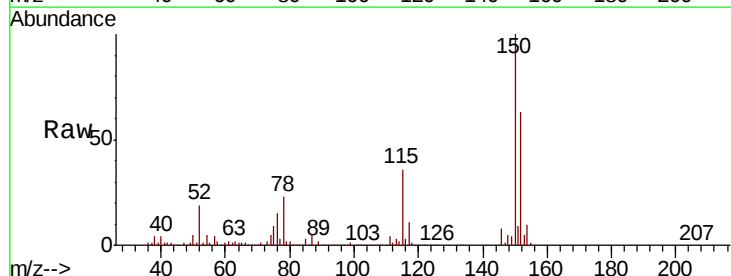


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

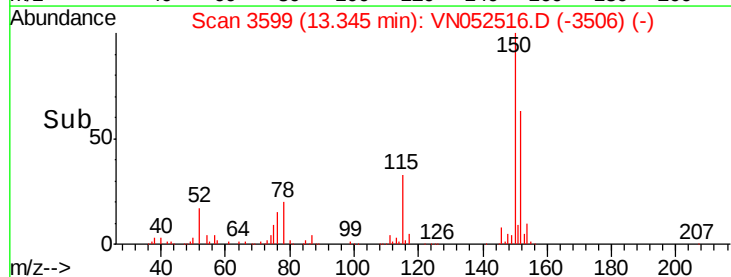
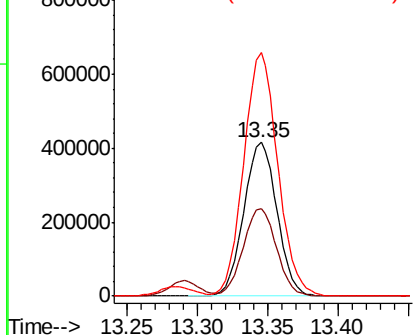


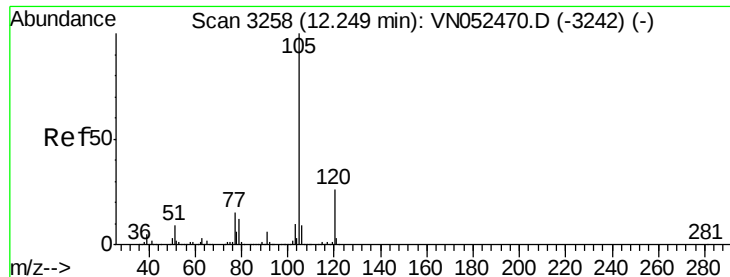
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:152 Resp: 686444
Ion Ratio Lower Upper
152 100
115 57.1 28.4 85.2
150 162.7 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.684 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

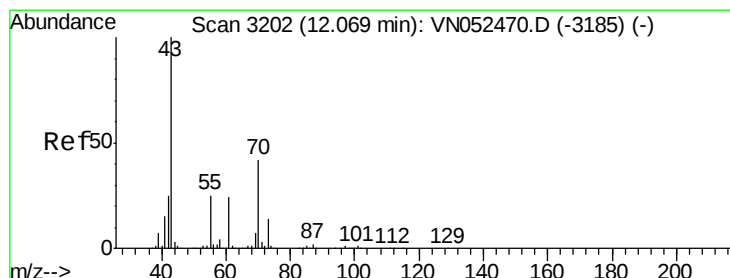
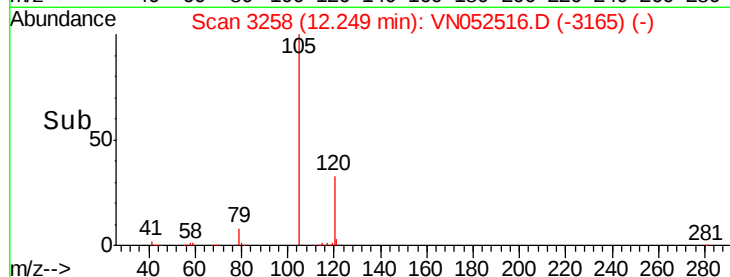
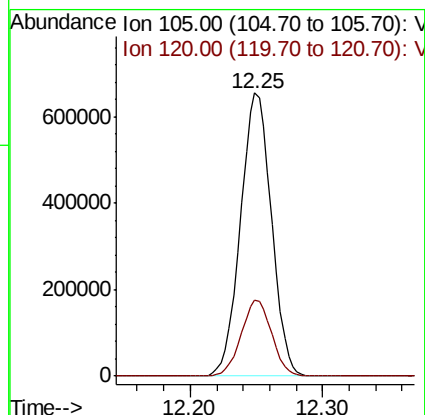
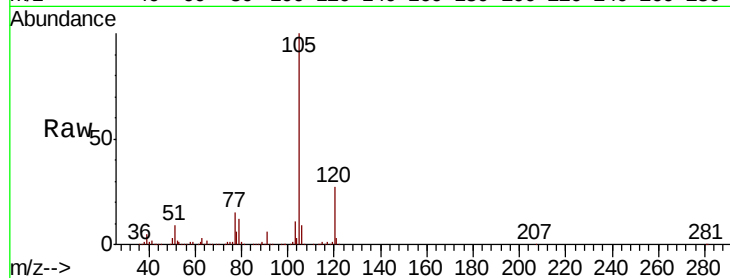
VN1128WBS01

Tot Ion:105 Resp: 1060116

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 18.141 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Tgt Ion: 43 Resp: 246831

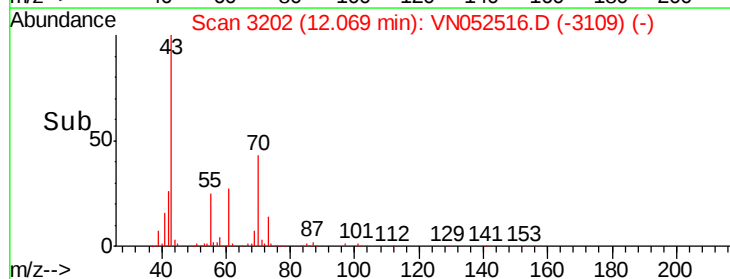
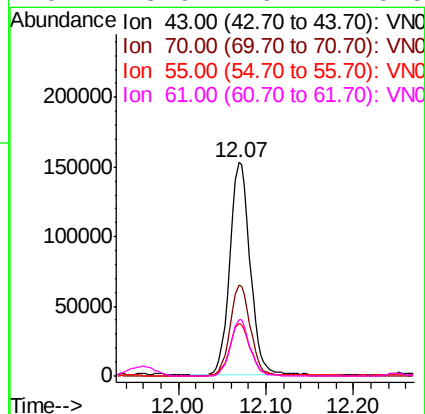
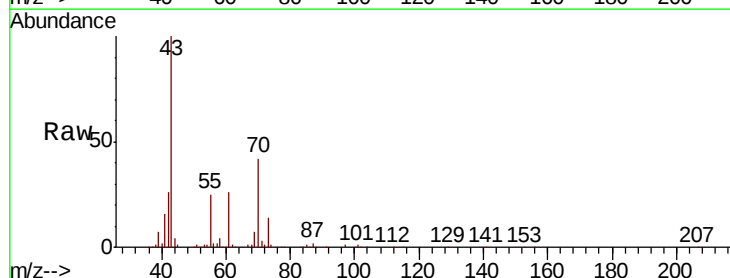
Ion Ratio Lower Upper

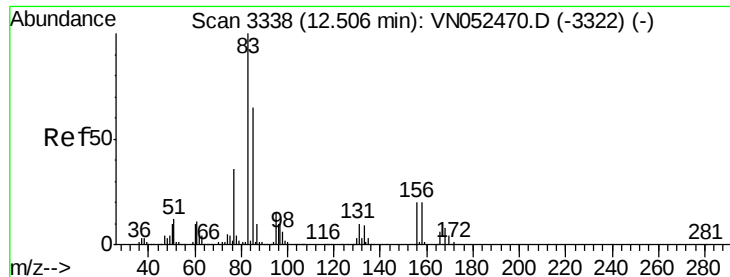
43 100

70 42.5 33.8 50.8

55 24.9 20.0 30.0

61 25.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.076 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

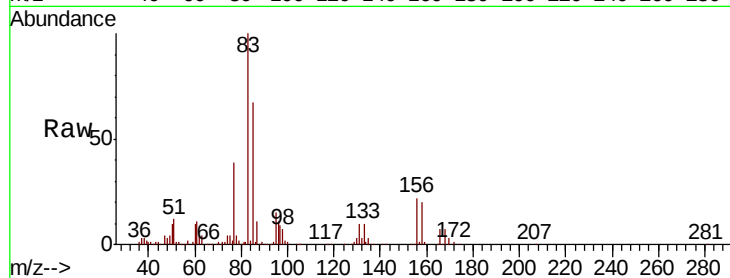
Tot Ion: 83 Resp: 221456

Ion Ratio Lower Upper

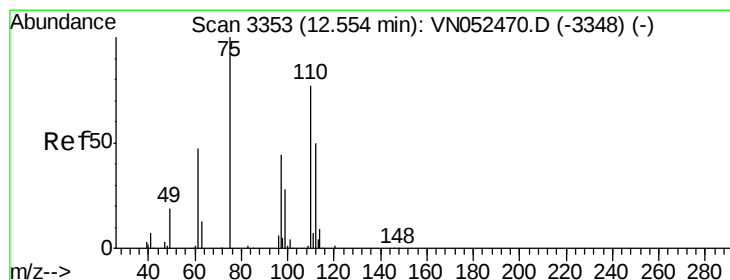
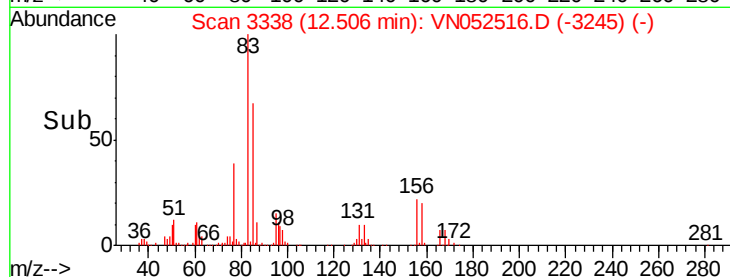
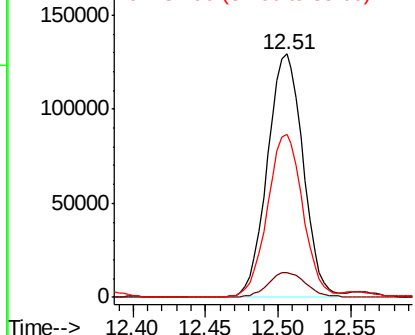
83 100

131 10.8 5.0 15.0

85 66.4 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 25.341 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052516.D

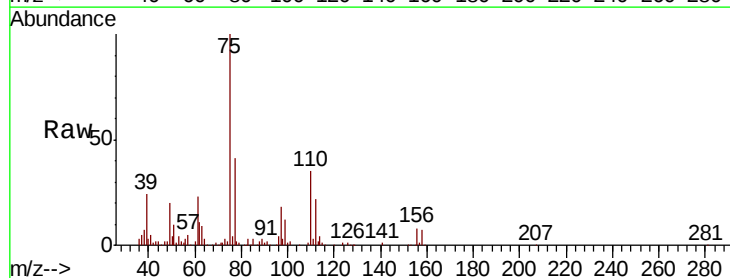
Acq: 28 Nov 2018 13:37

Tgt Ion: 75 Resp: 268248

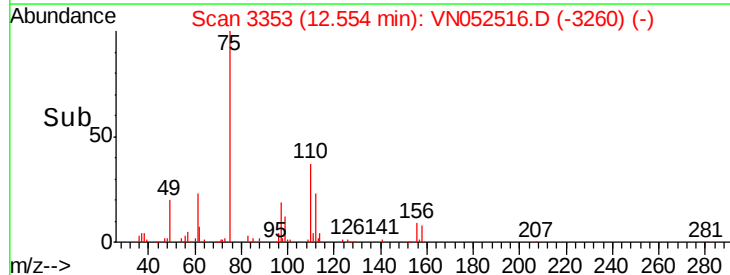
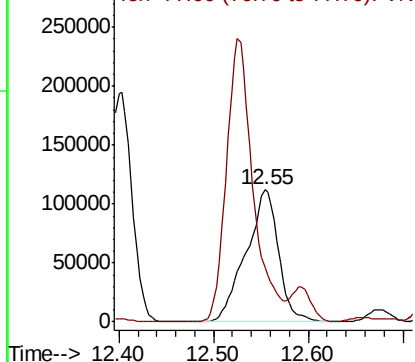
Ion Ratio Lower Upper

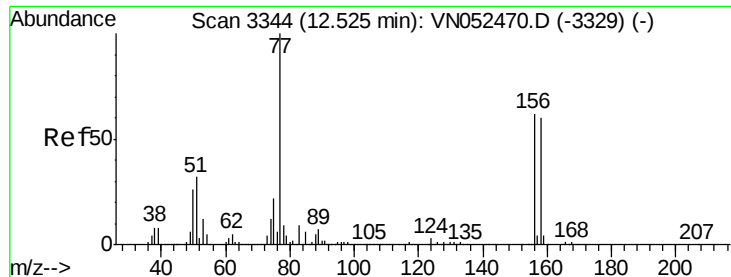
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.823 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampled :

VN1128WBS01

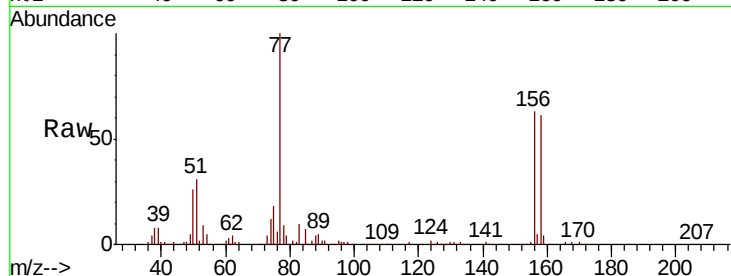
Tot Ion:156 Resp: 263874

Ion Ratio Lower Upper

156 100

77 179.9 93.5 280.4

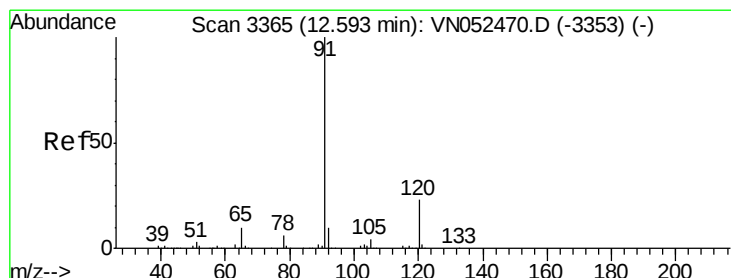
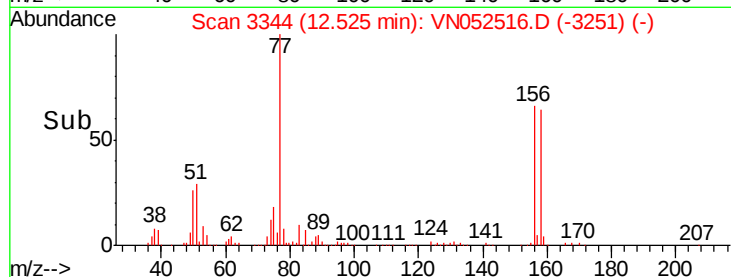
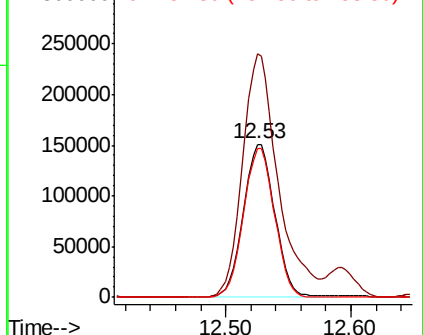
158 95.2 48.3 144.9



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: 19.851 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052516.D

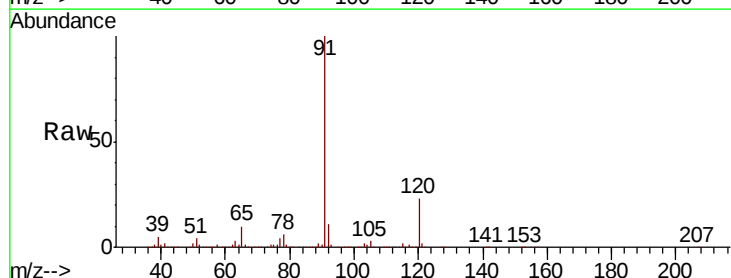
Acq: 28 Nov 2018 13:37

Tgt Ion: 91 Resp: 1214563

Ion Ratio Lower Upper

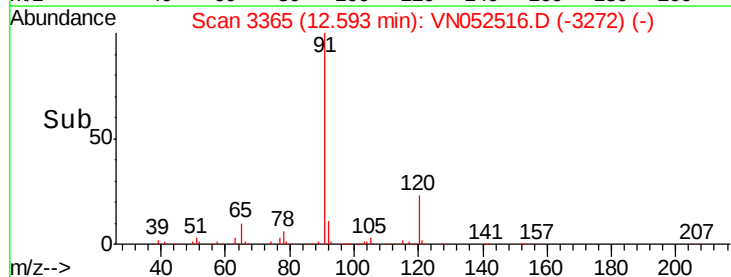
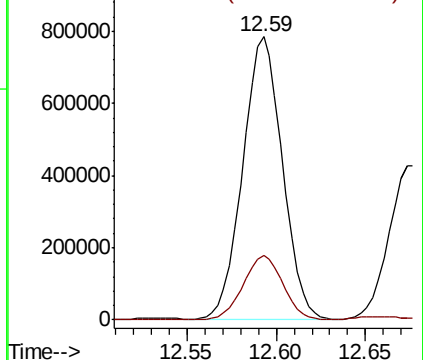
91 100

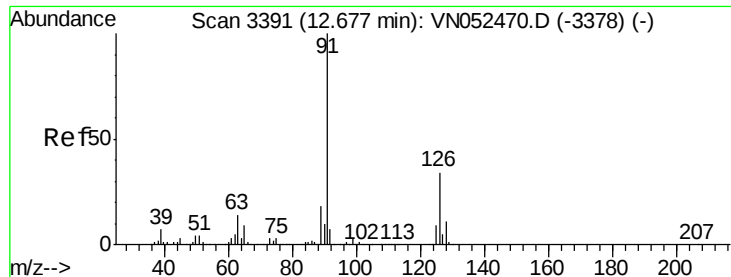
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.706 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

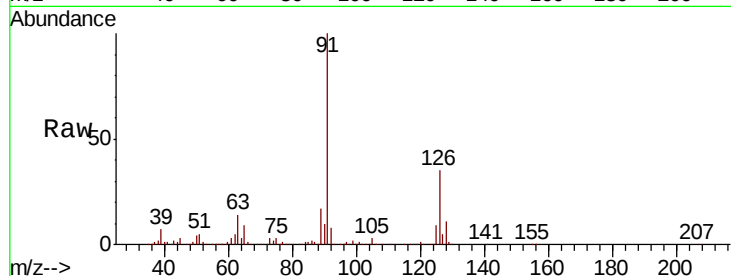
VN1128WBS01

Tot Ion: 91 Resp: 717983

Ion Ratio Lower Upper

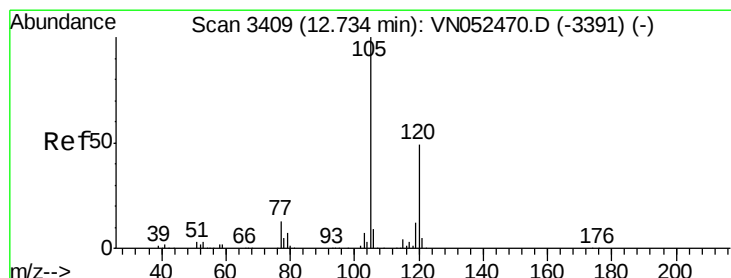
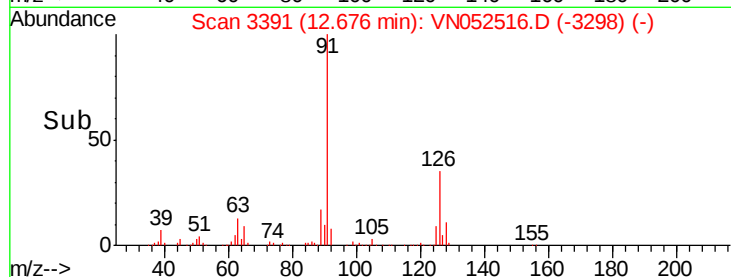
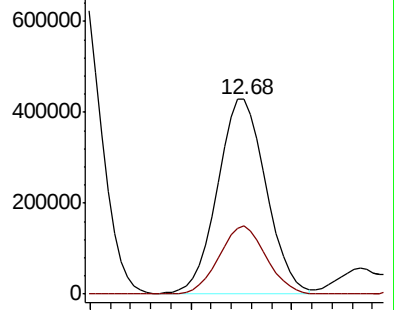
91 100

126 34.2 17.2 51.6



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

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



#80

1,3,5-Trimethylbenzene

Concen: 20.449 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052516.D

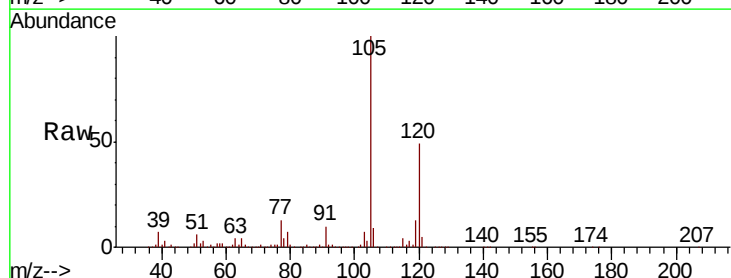
Acq: 28 Nov 2018 13:37

Tgt Ion: 105 Resp: 878331

Ion Ratio Lower Upper

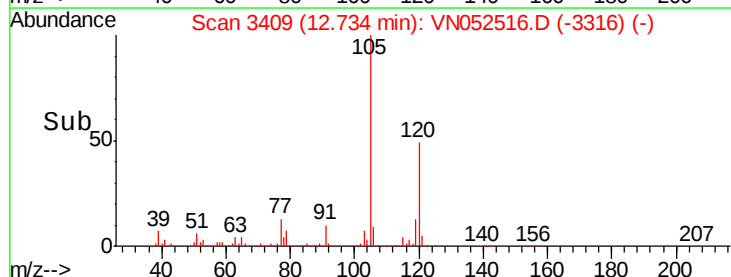
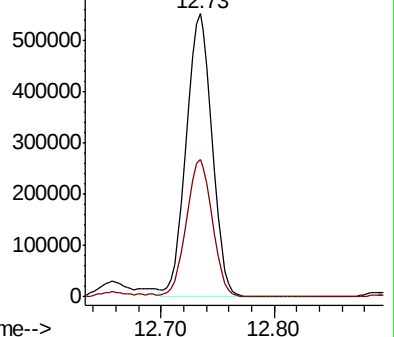
105 100

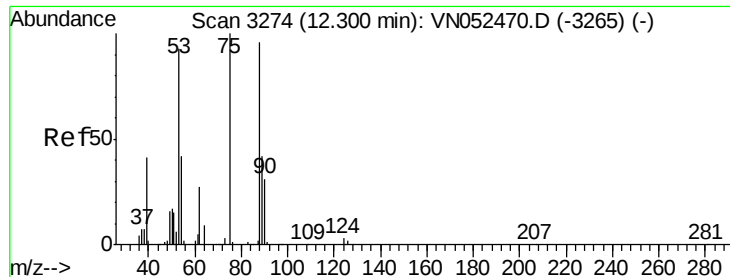
120 48.6 24.3 73.0



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 15.008 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

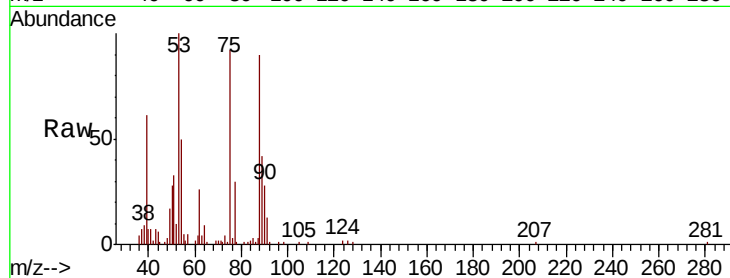
Tot Ion: 75 Resp: 47571

Ion Ratio Lower Upper

75 100

53 111.0 77.4 116.0

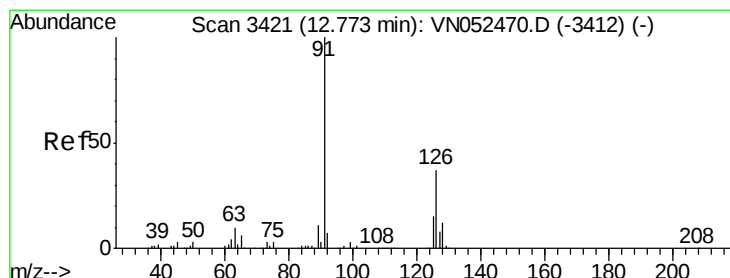
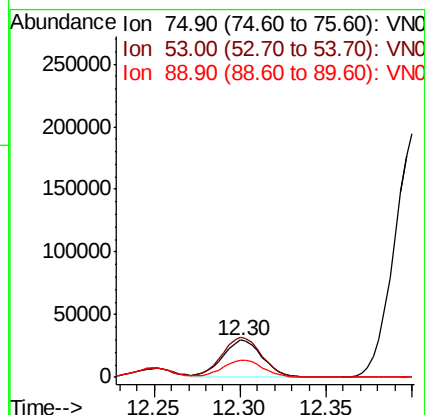
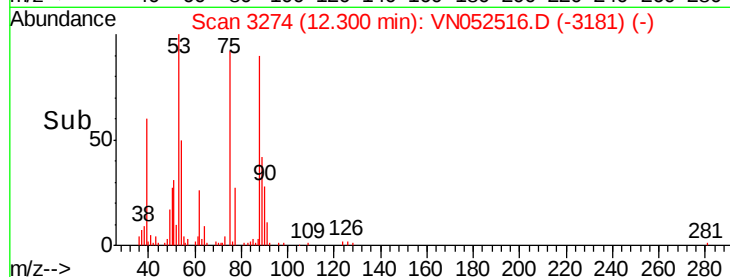
89 46.9 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.363 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052516.D

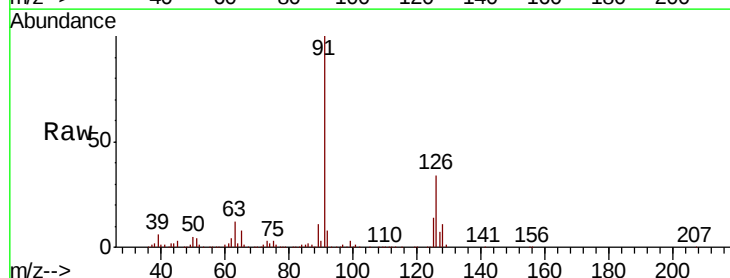
Acq: 28 Nov 2018 13:37

Tgt Ion: 91 Resp: 711015

Ion Ratio Lower Upper

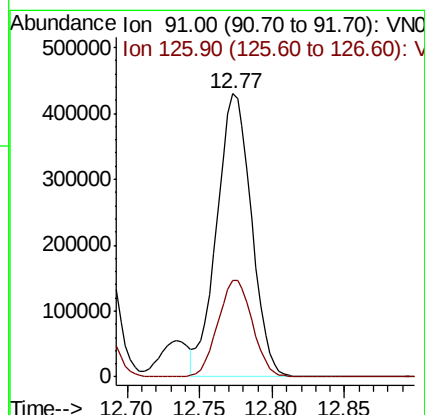
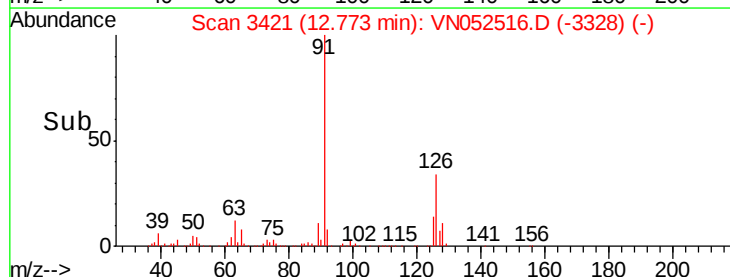
91 100

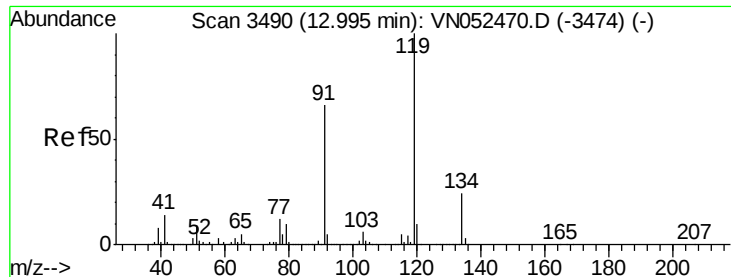
126 34.1 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

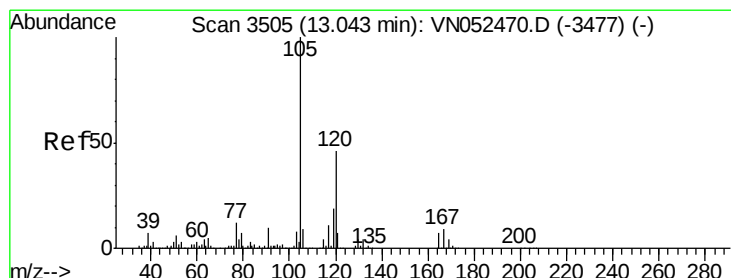
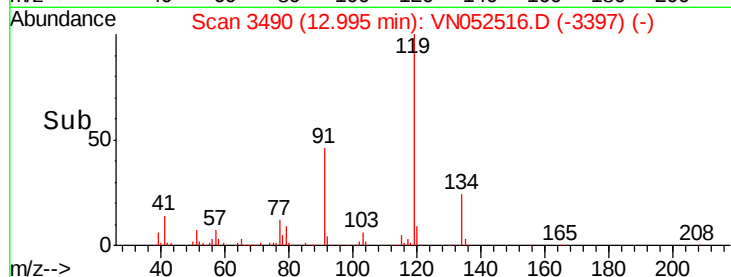
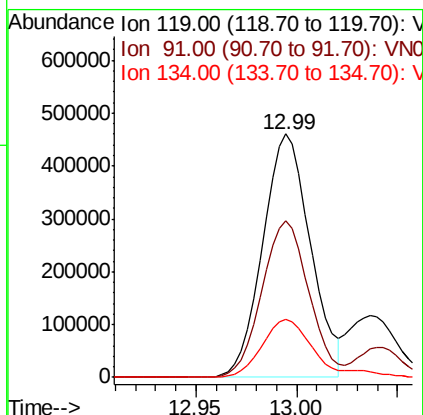
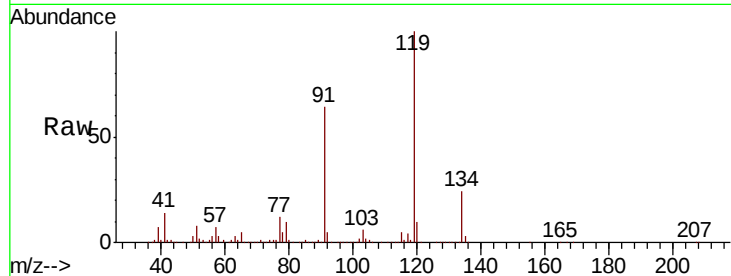




#83
tert-Butylbenzene
Concen: 19.832 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

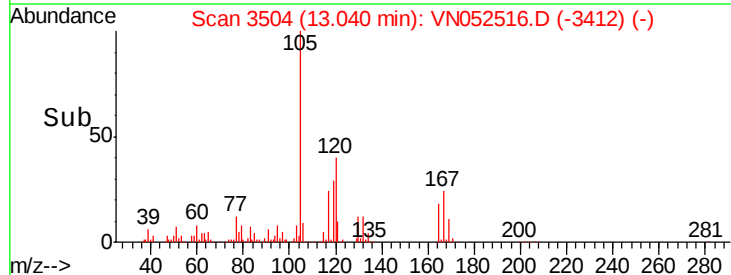
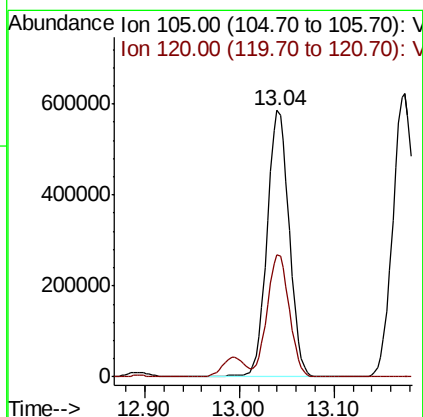
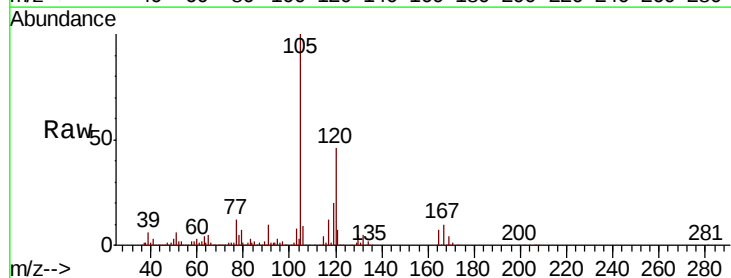
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

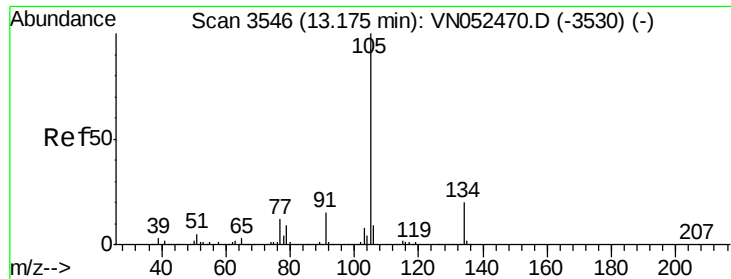
Tot Ion:119 Resp: 759392
Ion Ratio Lower Upper
119 100
91 63.4 32.3 96.9
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.842 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052516.D
Acq: 28 Nov 2018 13:37

Tgt Ion:105 Resp: 940180
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.296 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

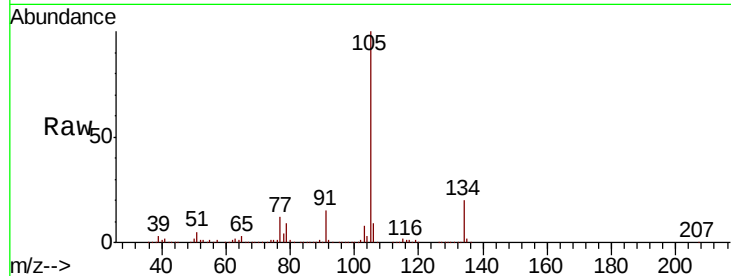
VN1128WBS01

Tot Ion:105 Resp: 1006356

Ion Ratio Lower Upper

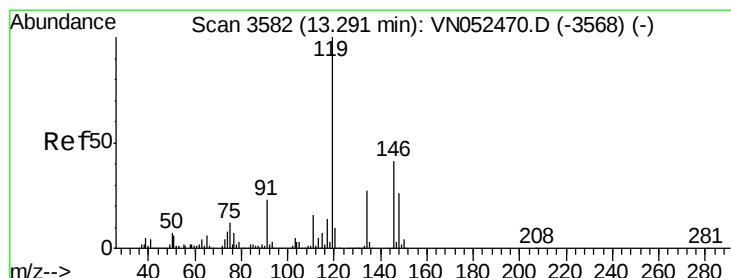
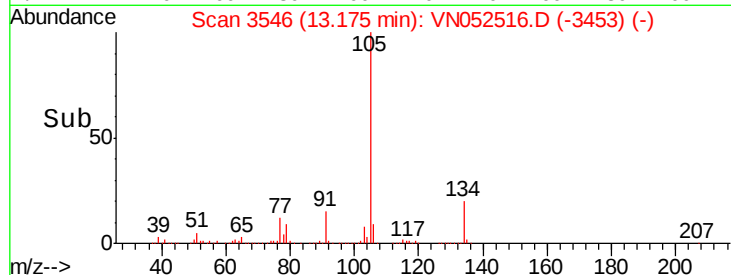
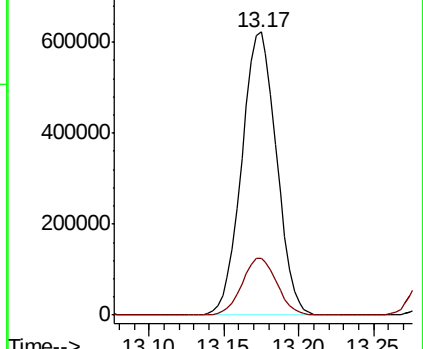
105 100

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: 19.444 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

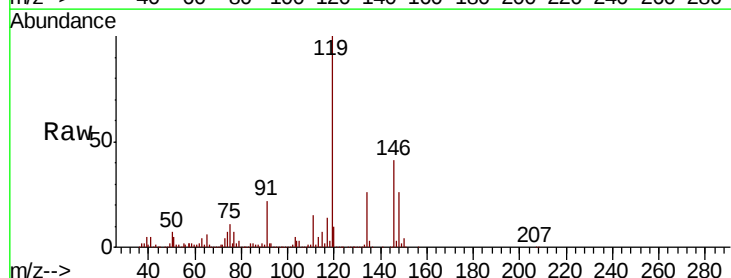
Tgt Ion:119 Resp: 863758

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

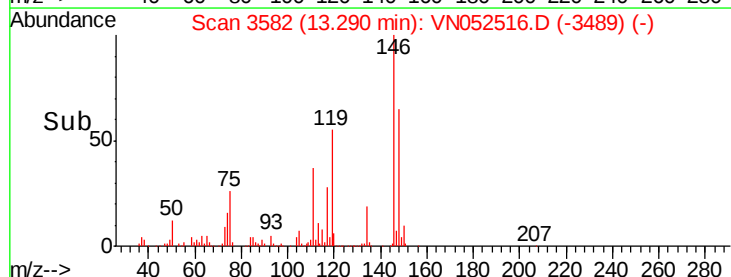
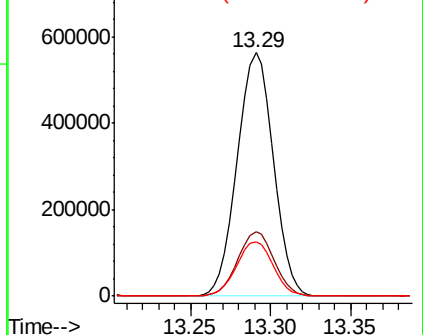
91 22.5 11.4 34.2

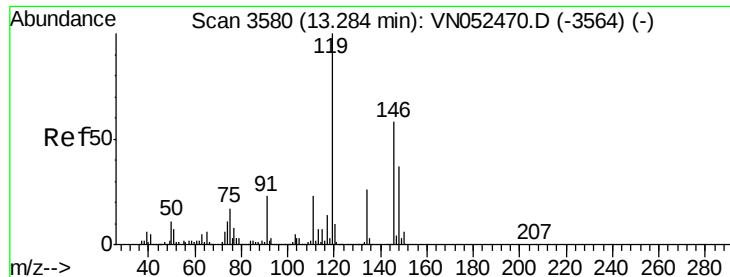


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.143 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

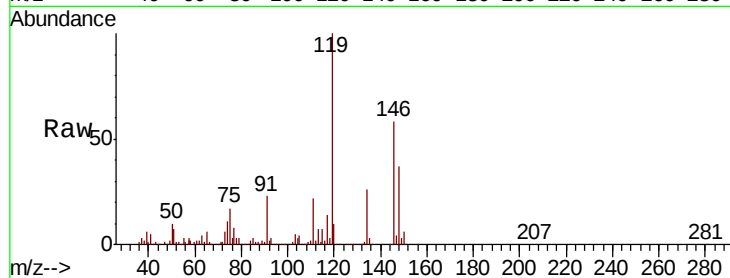
Tot Ion:146 Resp: 445734

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.4

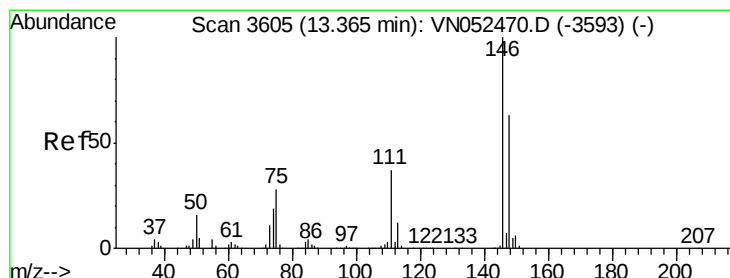
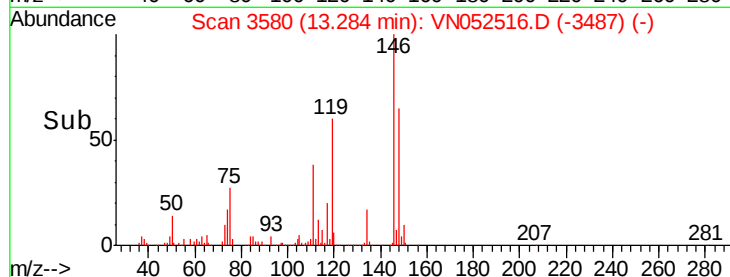
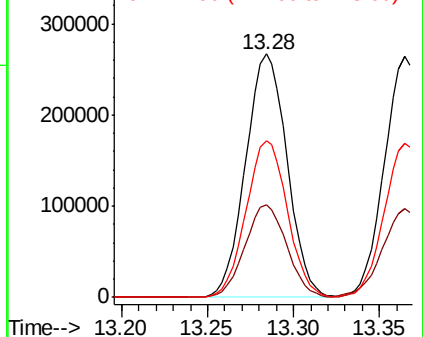
148 64.1 31.8 95.4



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: 18.886 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

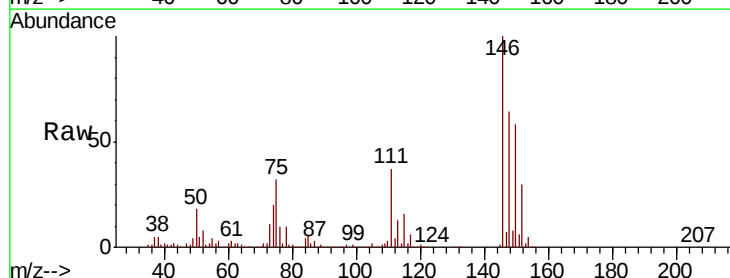
Tgt Ion:146 Resp: 433170

Ion Ratio Lower Upper

146 100

111 38.2 18.6 56.0

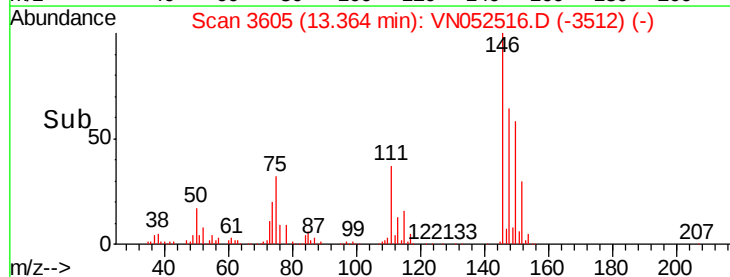
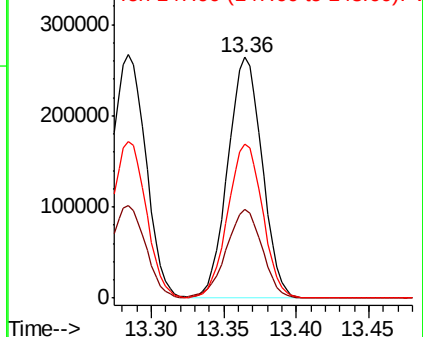
148 64.8 31.9 95.9

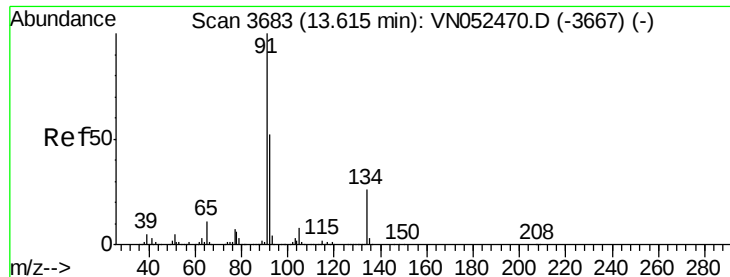


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.121 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

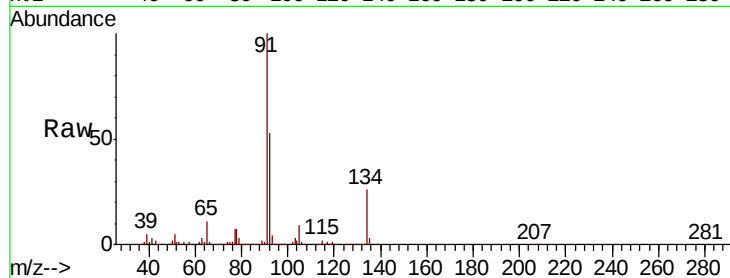
Tot Ion: 91 Resp: 706387

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

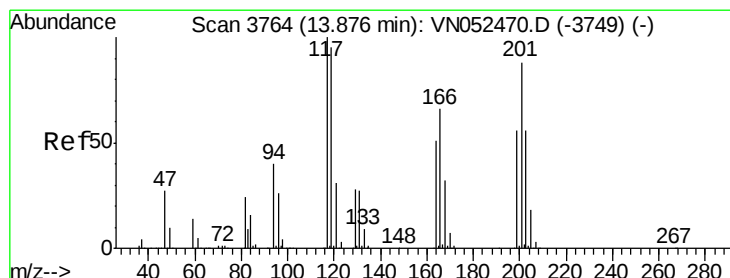
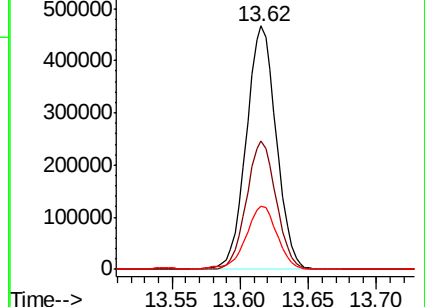
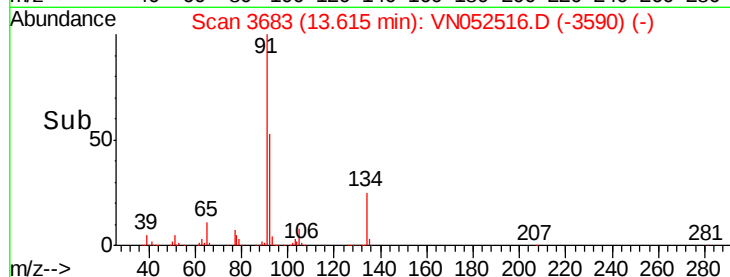
134 27.3 13.0 38.9



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: 16.838 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052516.D

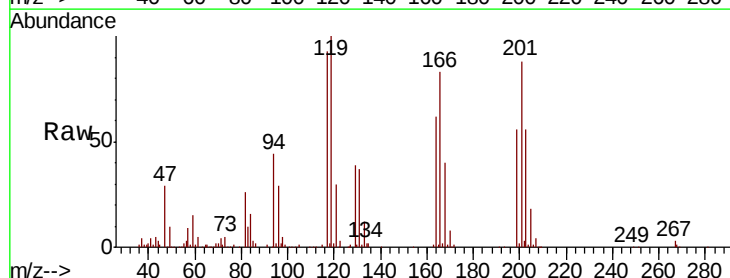
Acq: 28 Nov 2018 13:37

Tgt Ion: 117 Resp: 126648

Ion Ratio Lower Upper

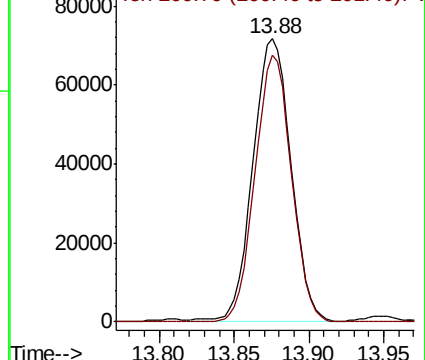
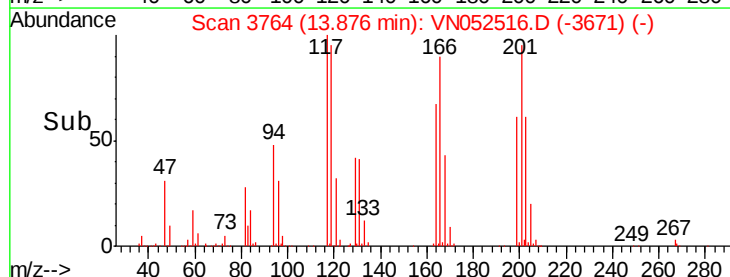
117 100

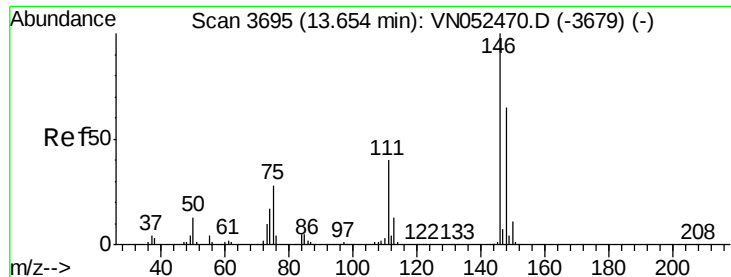
201 90.3 43.6 130.9



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

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

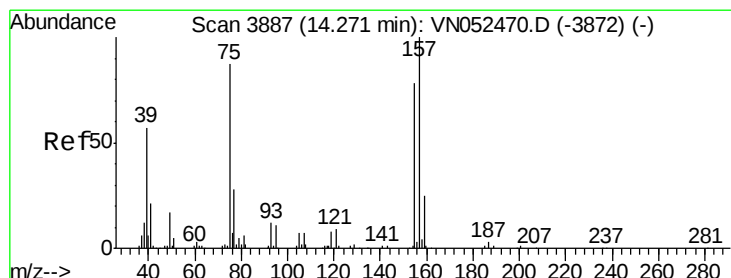
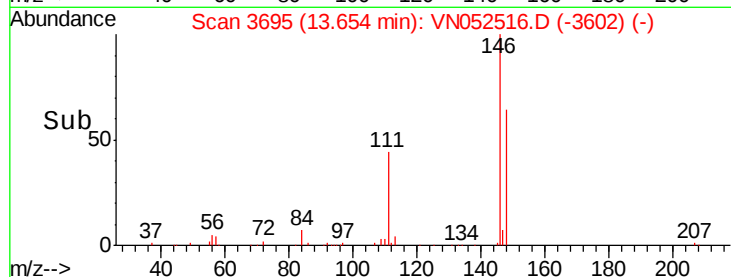
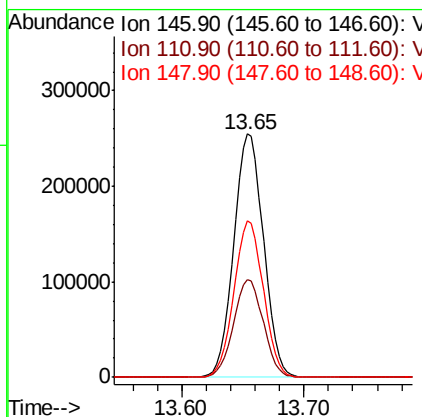
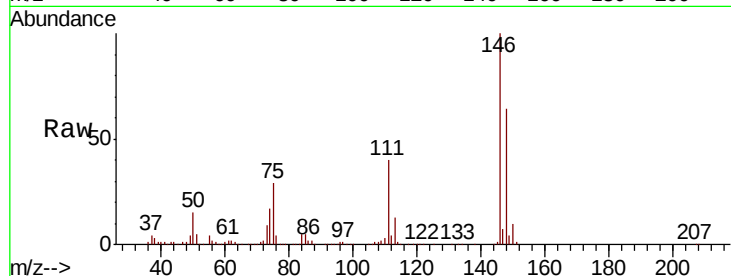




#91
 1,2-Dichlorobenzene
 Concen: 19.338 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

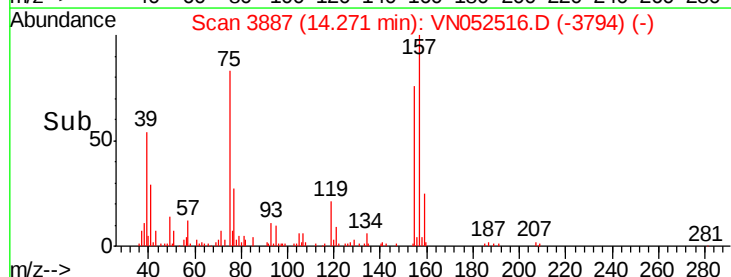
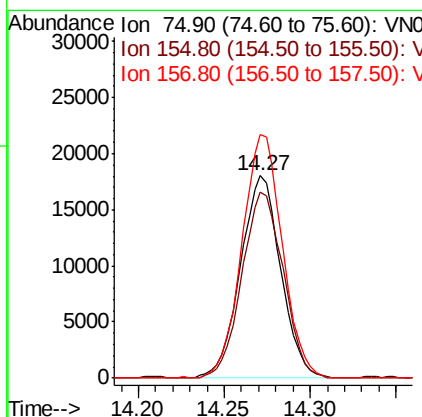
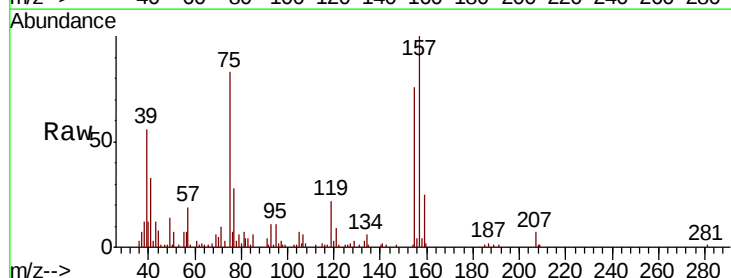
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.704 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	45.3	135.9
157	120.2	58.1	174.2

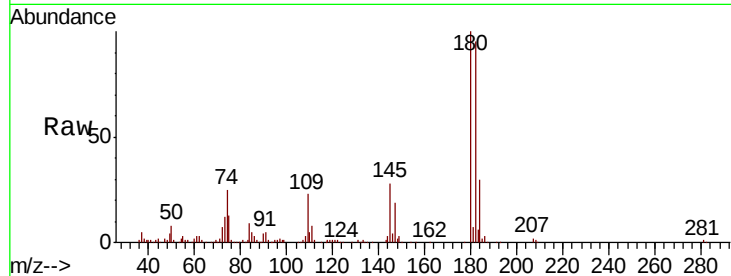




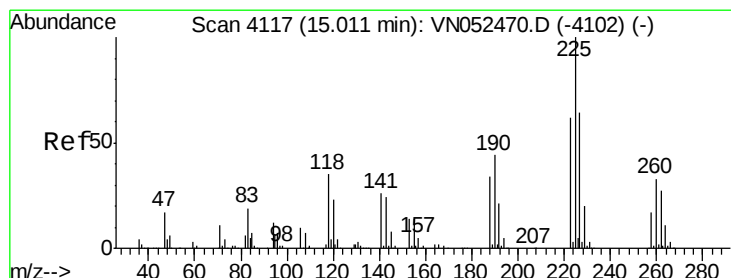
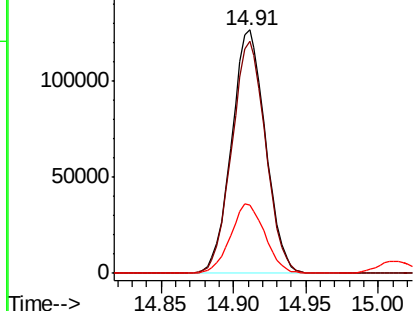
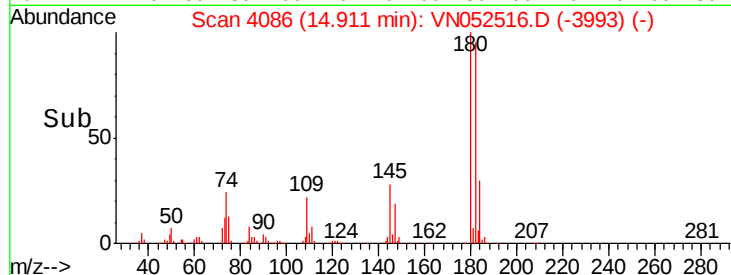
#93
 1,2,4-Trichlorobenzene
 Concen: 18.722 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	29.2	14.1	42.3

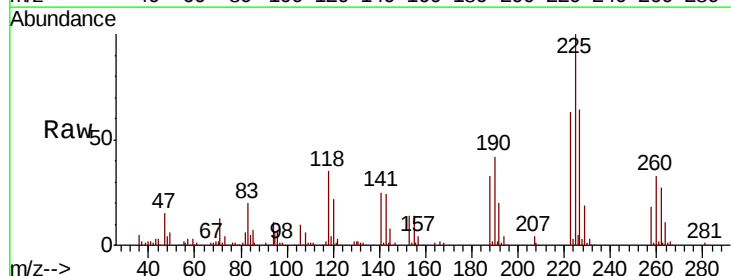


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

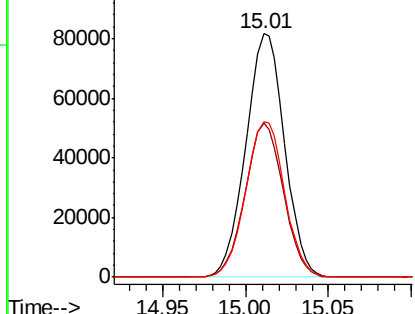
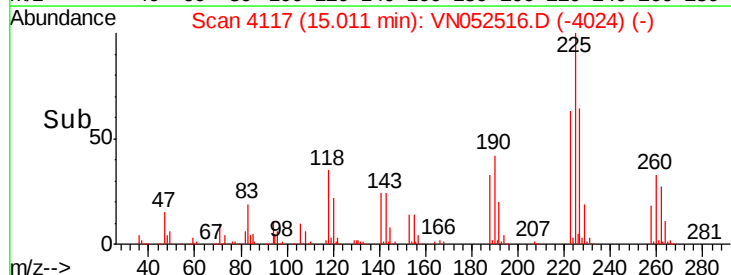


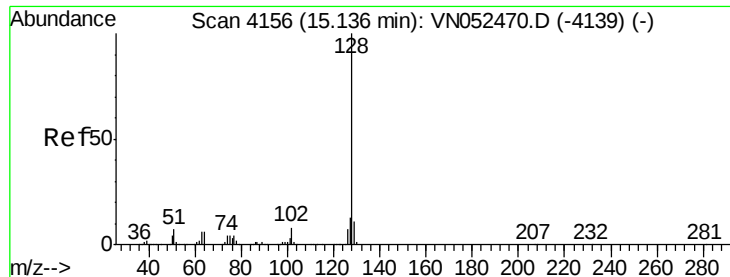
#94
 Hexachlorobutadiene
 Concen: 18.529 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052516.D
 Acq: 28 Nov 2018 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	64.3	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: 19.780 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

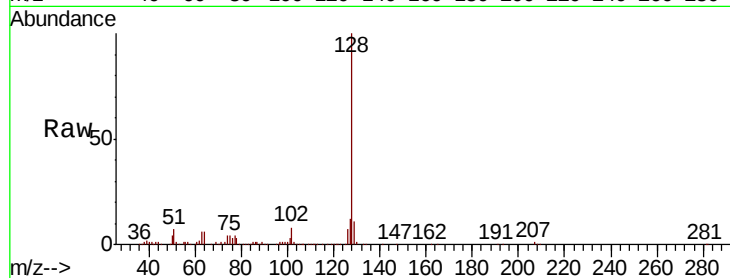
Tot Ion:128 Resp: 453709

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

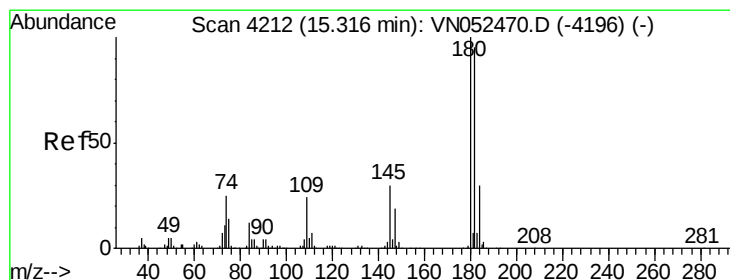
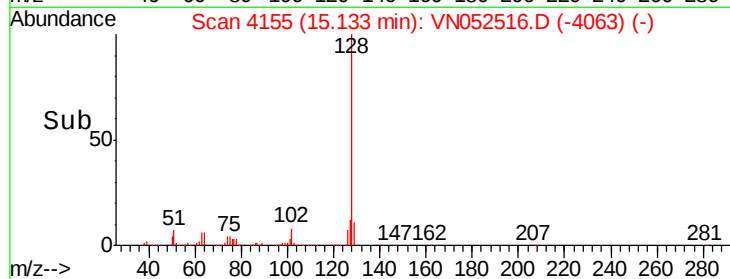
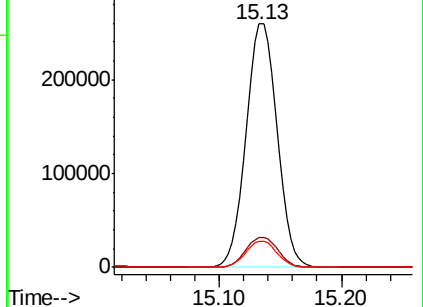
129 10.9 8.7 13.1



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: 18.917 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052516.D

Acq: 28 Nov 2018 13:37

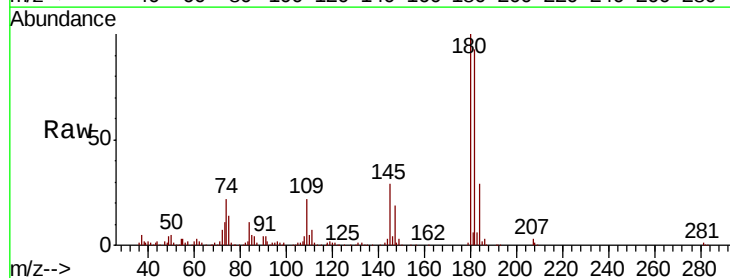
Tgt Ion:180 Resp: 191868

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

145 31.4 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

