

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112118\
 Data File : VN052426.D
 Acq On : 21 Nov 2018 9:43
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 23:50:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	282252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	465960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195851	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	205730	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	151654	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	10.09	98	592331	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	205735	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	141094	47.174	ug/l	97
3) Chloromethane	2.06	50	180478	43.421	ug/l	99
4) Vinyl Chloride	2.19	62	166031	46.211	ug/l	98
5) Bromomethane	2.57	94	98447	43.952	ug/l	100
6) Chloroethane	2.71	64	96154	47.333	ug/l	95
7) Trichlorofluoromethane	3.02	101	255184	51.327	ug/l	96
8) Diethyl Ether	3.41	74	81515	43.018	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	150415	47.906	ug/l	98
10) Methyl Iodide	3.96	142	167898	39.827	ug/l	95
11) Tert butyl alcohol	4.77	59	38037	180.674	ug/l	98
12) 1,1-Dichloroethene	3.74	96	129321	44.508	ug/l	96
13) Acrolein	3.61	56	82006	257.534	ug/l	99
14) Allyl chloride	4.33	41	293122	49.132	ug/l	93
15) Acrylonitrile	4.98	53	259003	215.451	ug/l	99
16) Acetone	3.81	43	274273	249.883	ug/l	92
17) Carbon Disulfide	4.06	76	396569	47.598	ug/l	99
18) Methyl Acetate	4.32	43	136661	44.480	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	382508	45.811	ug/l	99
20) Methylene Chloride	4.55	84	154721	46.282	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	143474	45.864	ug/l	95
22) Diisopropyl ether	5.95	45	609165	50.043	ug/l	98
23) Vinyl Acetate	5.90	43	1907698	231.023	ug/l	99
24) 1,1-Dichloroethane	5.85	63	312532	47.881	ug/l	100
25) 2-Butanone	6.83	43	353960	229.107	ug/l	96
26) 2,2-Dichloropropane	6.82	77	233036	48.553	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	169181	46.457	ug/l	94
28) Bromochloromethane	7.19	49	165695	49.370	ug/l	97
29) Tetrahydrofuran	7.21	42	213409	210.271	ug/l	99
30) Chloroform	7.37	83	311413	50.062	ug/l	95
31) Cyclohexane	7.65	56	292903	48.295	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	262375	49.513	ug/l	97
36) 1,1-Dichloropropene	7.79	75	240227	51.437	ug/l	98
37) Ethyl Acetate	6.93	43	145329	42.877	ug/l	96
38) Carbon Tetrachloride	7.77	117	227528	53.028	ug/l	98

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

39) Methylcyclohexane	9.08	83	273726	51.341	ug/l	97
40) Benzene	8.04	78	652764	48.925	ug/l	96
41) Methacrylonitrile	7.17	41	81432	43.756	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	255950	53.797	ug/l	98
43) Isopropyl Acetate	8.16	43	274007	41.894	ug/l	99
44) Trichloroethene	8.83	130	164050	49.916	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185662	49.034	ug/l	98
46) Dibromomethane	9.21	93	106144	48.424	ug/l	96
47) Bromodichloromethane	9.40	83	241875	53.773	ug/l	100
48) Methyl methacrylate	9.20	41	142328	42.886	ug/l	96
49) 1,4-Dioxane	9.20	88	22034	864.874	ug/l #	90
51) 4-Methyl-2-Pentanone	9.98	43	766555	232.833	ug/l	99
52) Toluene	10.16	92	400882	50.227	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	226707	49.973	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	266587	51.549	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	138120	47.736	ug/l	97
56) Ethyl methacrylate	10.43	69	172791	45.410	ug/l	94
57) 1,3-Dichloropropane	10.71	76	252527	49.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	526649	243.102	ug/l	98
59) 2-Hexanone	10.75	43	535595	236.514	ug/l	98
60) Dibromochloromethane	10.90	129	160250	51.190	ug/l	99
61) 1,2-Dibromoethane	11.01	107	133995	46.492	ug/l	99
64) Tetrachloroethene	10.63	164	148810	49.793	ug/l	99
65) Chlorobenzene	11.43	112	441230	49.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	152903	50.463	ug/l	99
67) Ethyl Benzene	11.51	91	797090	51.685	ug/l	100
68) m/p-Xylenes	11.62	106	587914	104.336	ug/l	97
69) o-Xylene	11.95	106	281947	52.199	ug/l	97
70) Styrene	11.96	104	461975	53.415	ug/l	99
71) Bromoform	12.13	173	92698	51.815	ug/l #	97
73) Isopropylbenzene	12.25	105	783607	49.764	ug/l	98
74) N-amyl acetate	12.07	43	228937	40.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165086	43.370	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	220178	66.254	ug/l #	100
77) Bromobenzene	12.53	156	172419	47.060	ug/l	99
78) n-propylbenzene	12.59	91	940749	51.084	ug/l	98
79) 2-Chlorotoluene	12.68	91	532793	49.525	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	638483	50.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44950	43.870	ug/l	91
82) 4-Chlorotoluene	12.77	91	550962	49.988	ug/l	97
83) tert-Butylbenzene	12.99	119	558515	50.521	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	646398	51.421	ug/l	99
85) sec-Butylbenzene	13.17	105	778946	51.725	ug/l	100
86) p-Isopropyltoluene	13.29	119	664425	52.085	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	321737	49.445	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	311573	48.163	ug/l	100
89) n-Butylbenzene	13.62	91	605075	55.226	ug/l	100
90) Hexachloroethane	13.88	117	117514	52.010	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	304585	48.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25662	45.719	ug/l	88

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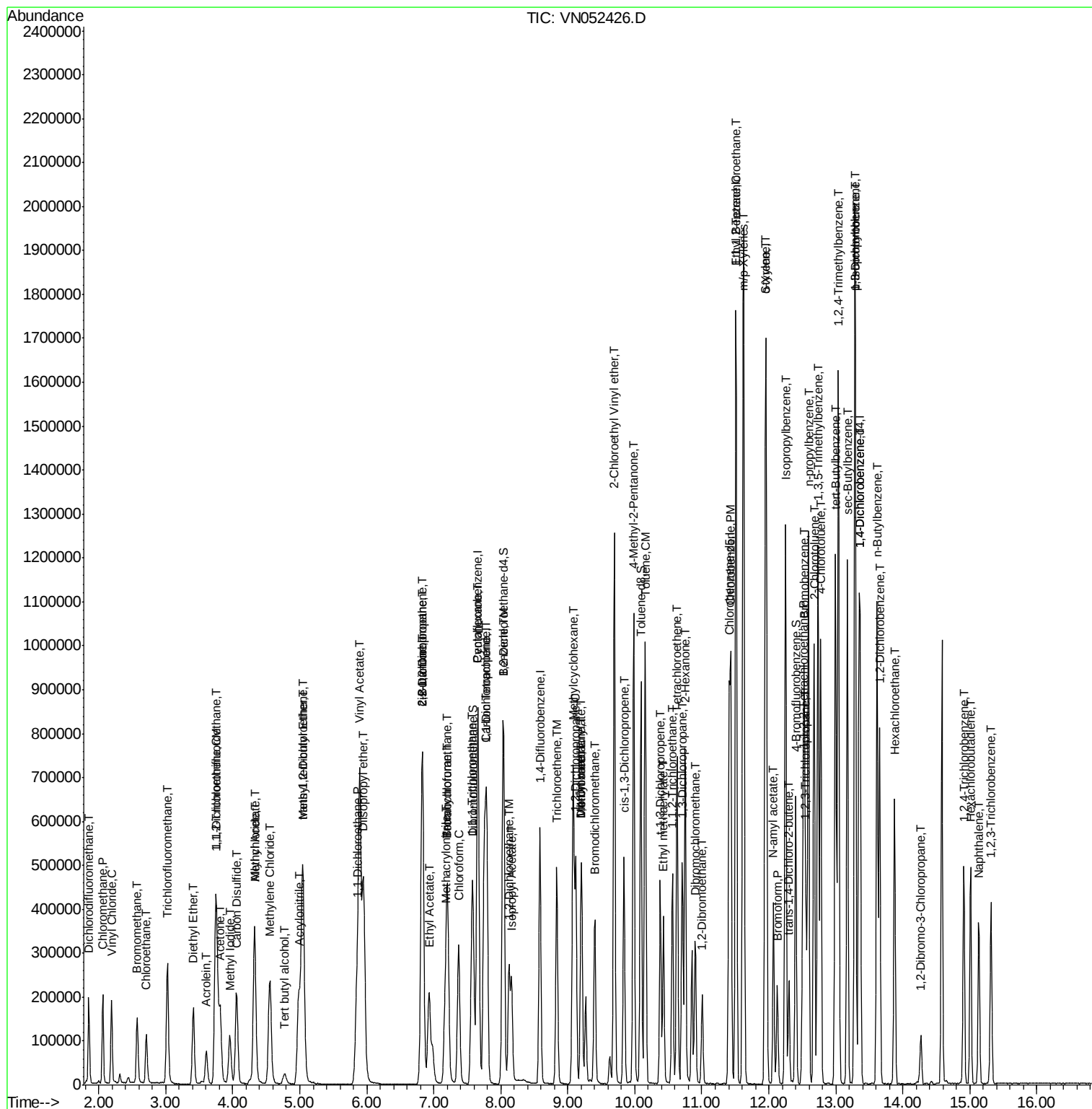
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143018	48.813	ug/l	99
94) Hexachlorobutadiene	15.01	225	76453	52.985	ug/l	99
95) Naphthalene	15.13	128	289472	42.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	124812	52.104	ug/l	98

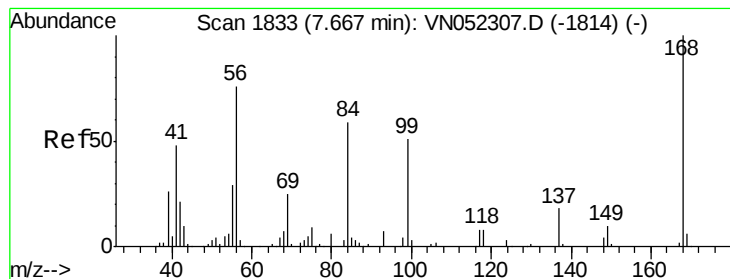
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

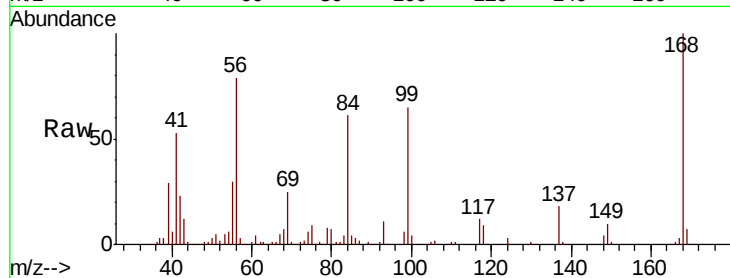
ClientSampleId :

Tot Ion:168 Resp: 282252

Ion Ratio Lower Upper

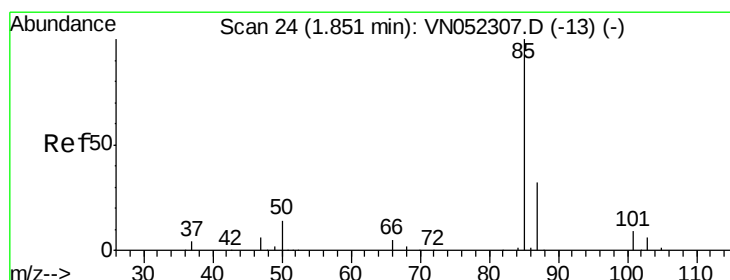
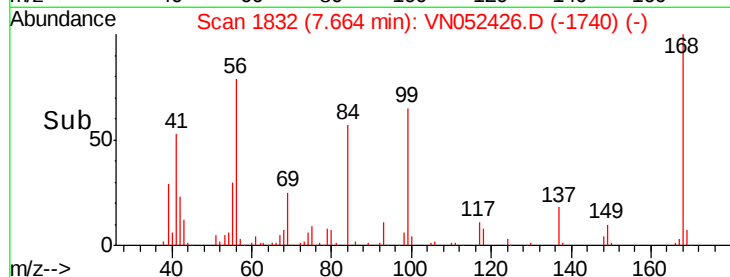
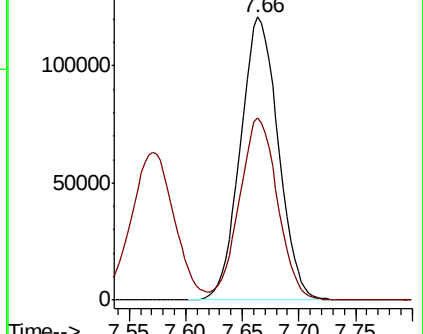
168 100

99 64.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.174 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052426.D

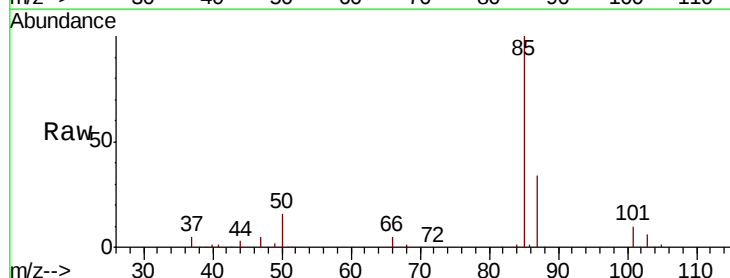
Acq: 21 Nov 2018 9:43

Tgt Ion: 85 Resp: 141094

Ion Ratio Lower Upper

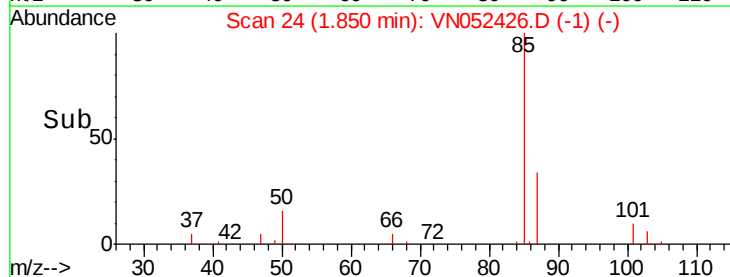
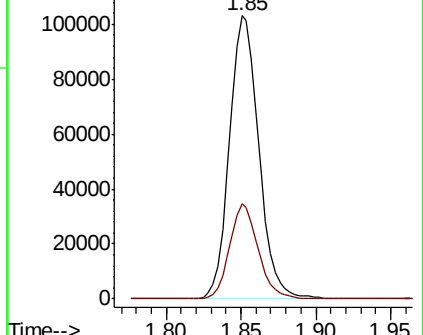
85 100

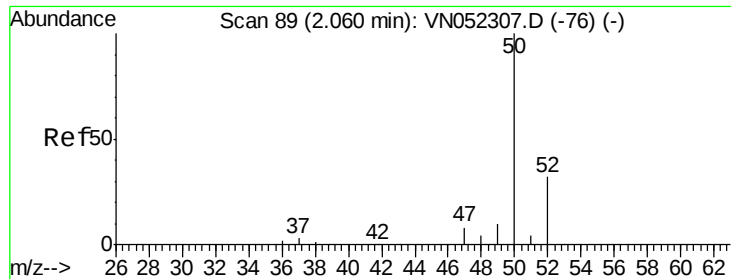
87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.421 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

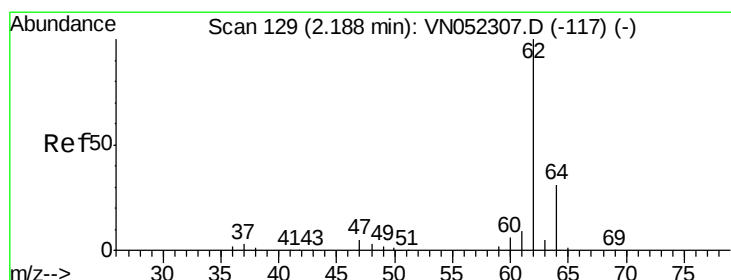
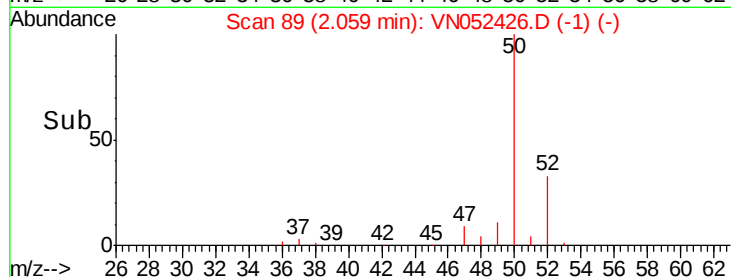
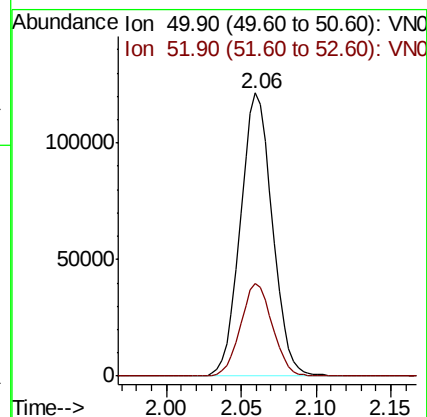
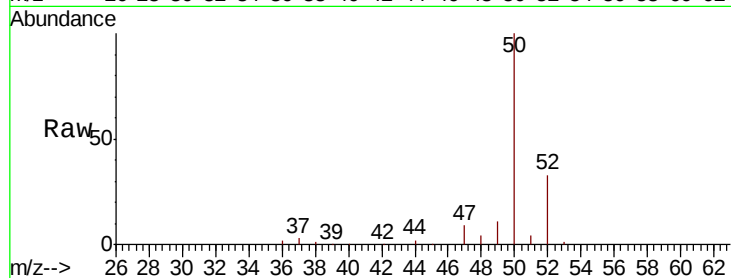
ClientSampled :

Tot Ion: 50 Resp: 180478

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3



#4

Vinyl Chloride

Concen: 46.211 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052426.D

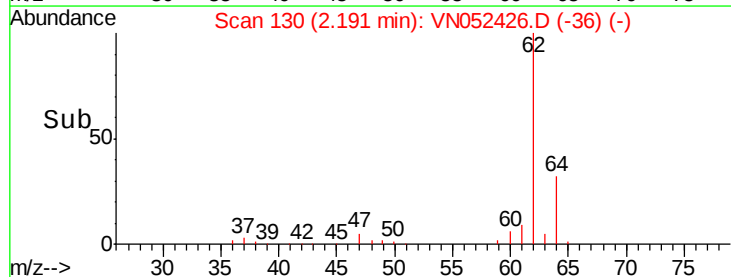
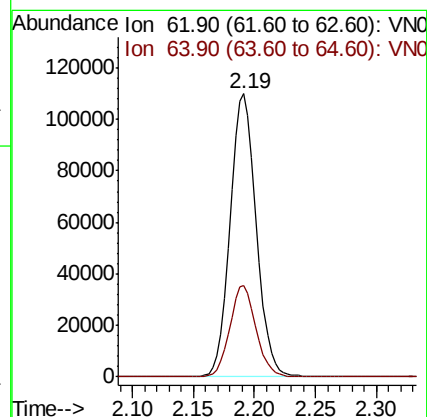
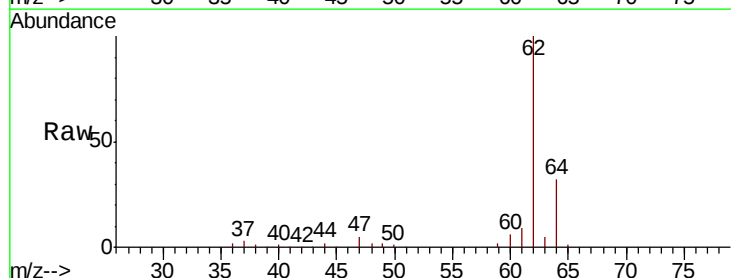
Acq: 21 Nov 2018 9:43

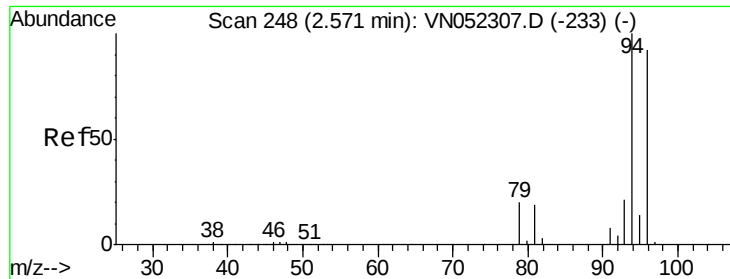
Tgt Ion: 62 Resp: 166031

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 43.952 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

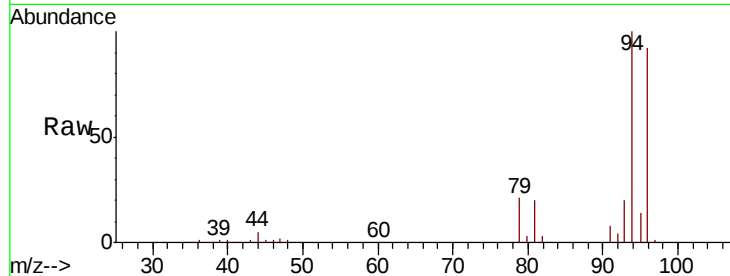
ClientSampled :

Tot Ion: 94 Resp: 98447

Ion Ratio Lower Upper

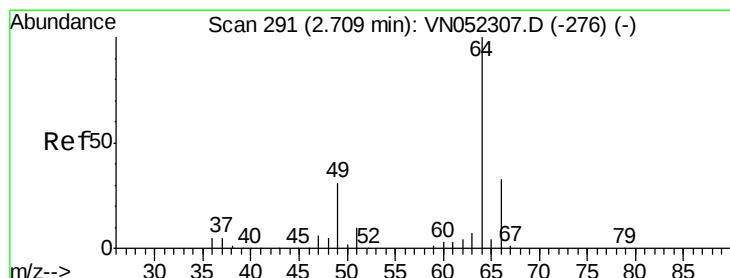
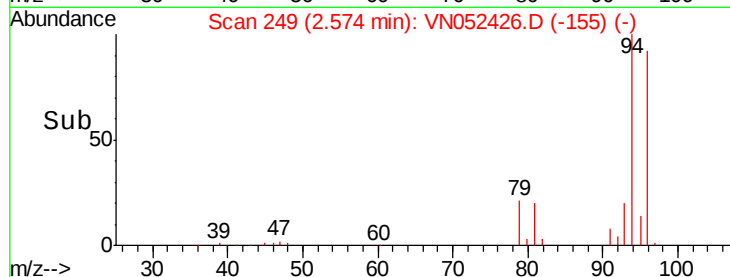
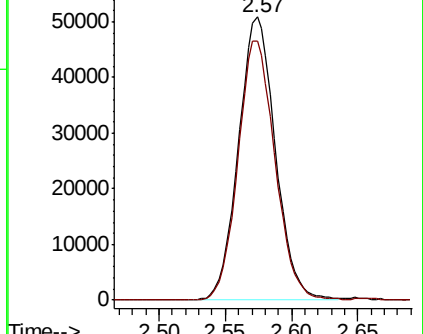
94 100

96 91.5 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.333 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052426.D

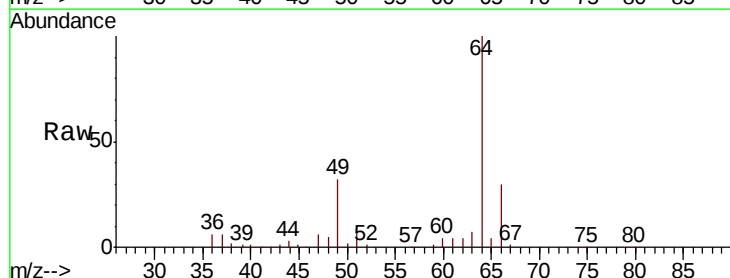
Acq: 21 Nov 2018 9:43

Tgt Ion: 64 Resp: 96154

Ion Ratio Lower Upper

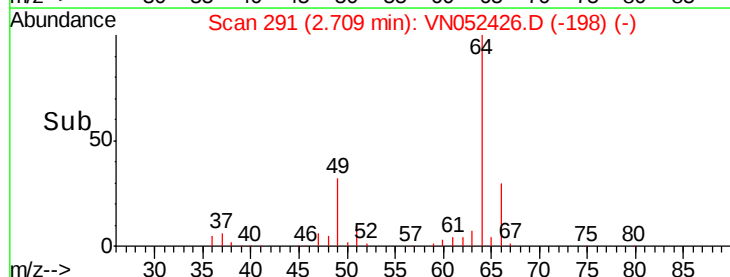
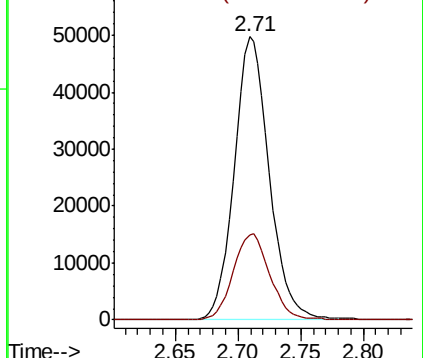
64 100

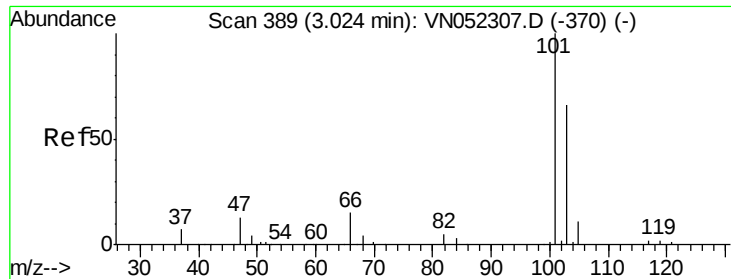
66 30.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



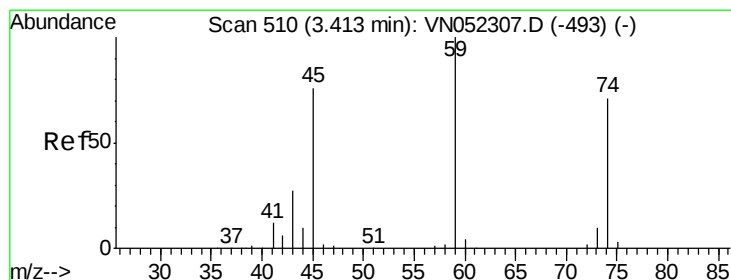
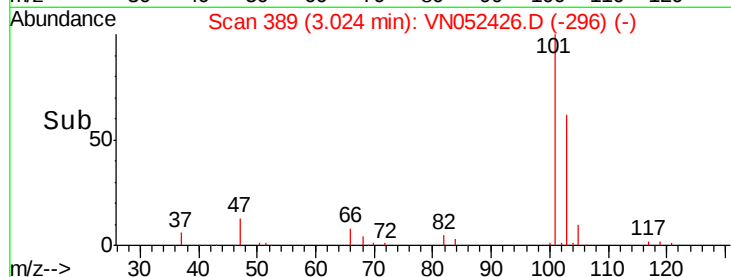
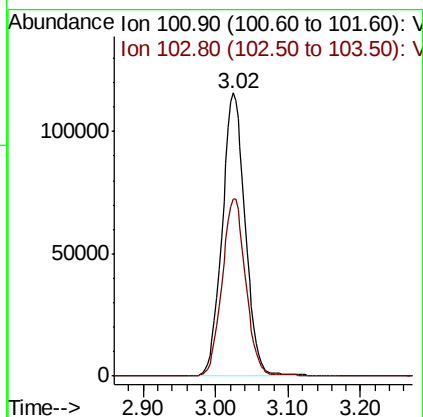
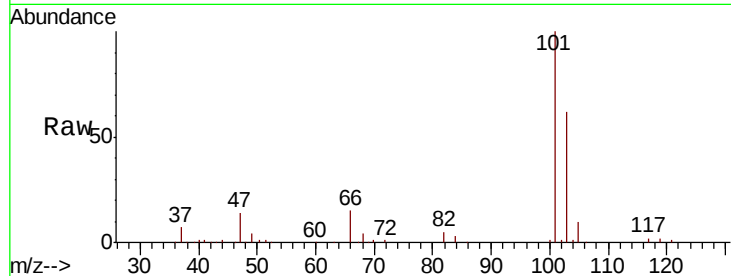


#7

Trichlorofluoromethane
 Concen: 51.327 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Instrument :
 MSVOA_N
 ClientSampled :

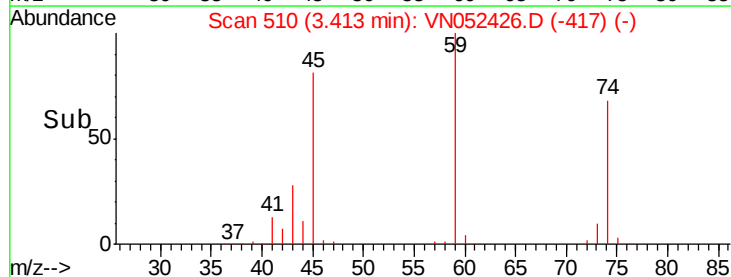
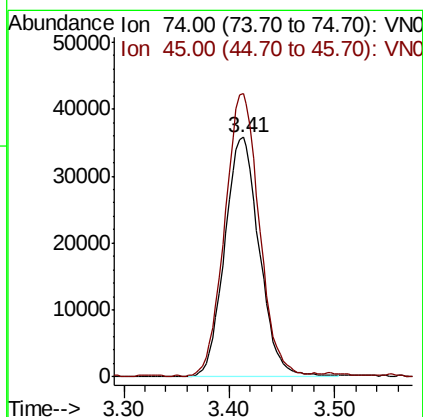
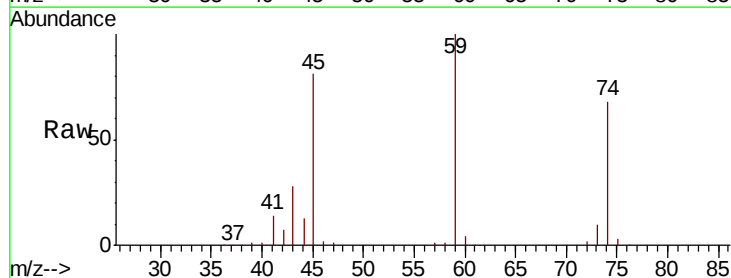
Tot Ion:101 Resp: 255184
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.8 79.2

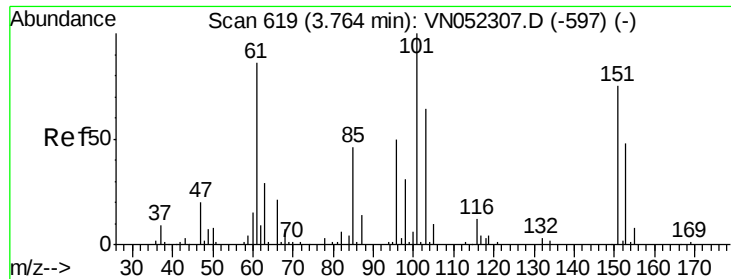


#8

Diethyl Ether
 Concen: 43.018 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 74 Resp: 81515
 Ion Ratio Lower Upper
 74 100
 45 118.3 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.906 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

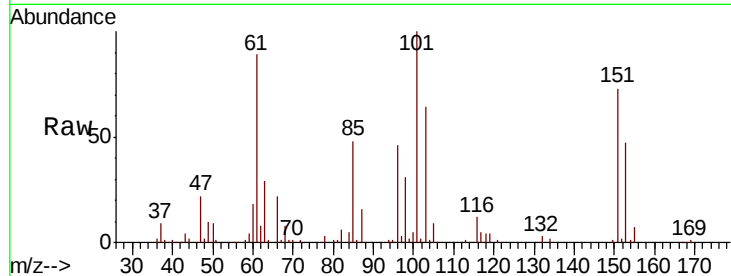
Tot Ion:101 Resp: 150415

Ion Ratio Lower Upper

101 100

85 48.3 37.4 56.0

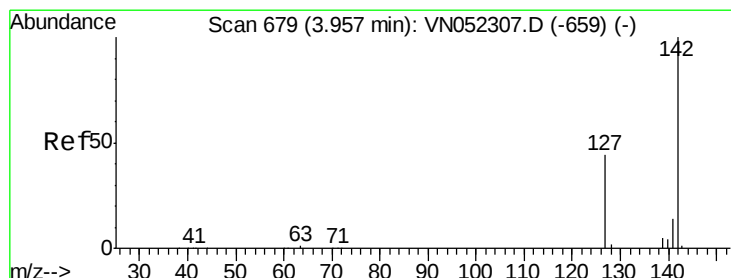
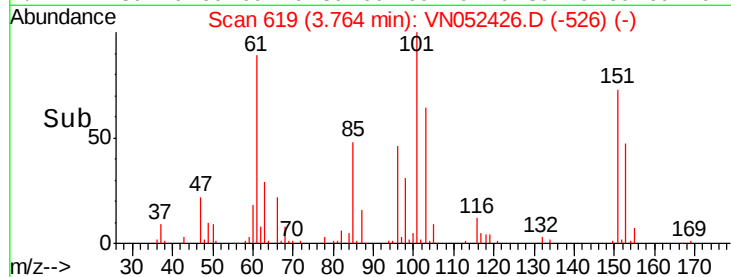
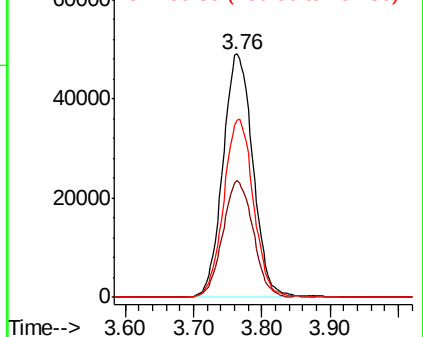
151 72.3 58.6 88.0



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: 39.827 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

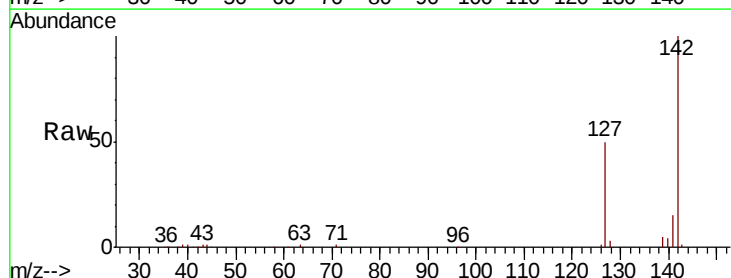
Tgt Ion:142 Resp: 167898

Ion Ratio Lower Upper

142 100

127 49.6 36.3 54.5

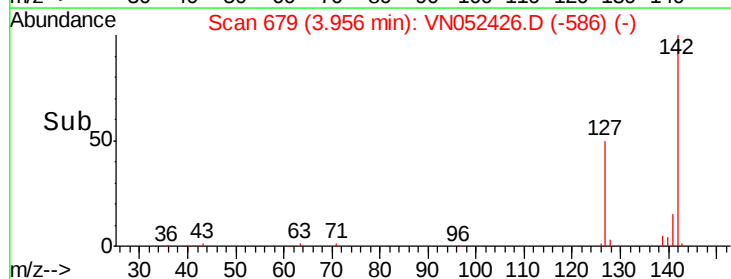
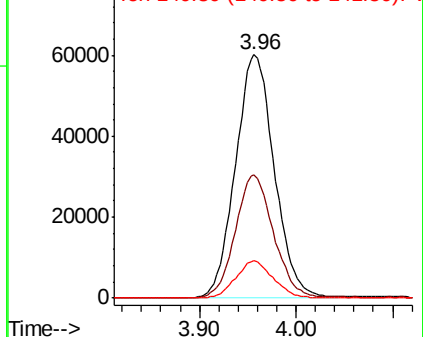
141 14.8 11.4 17.2

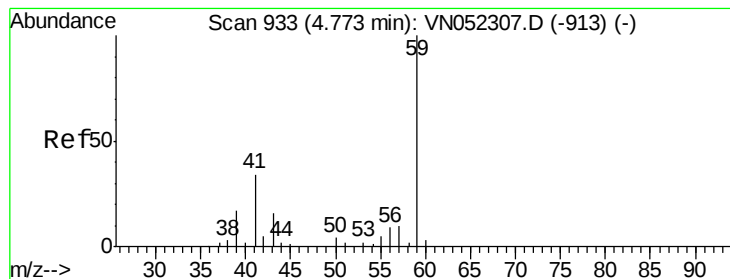


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



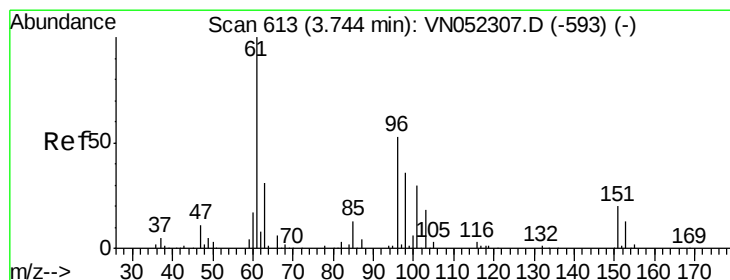
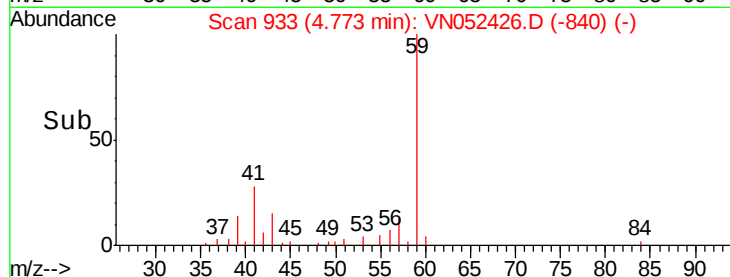
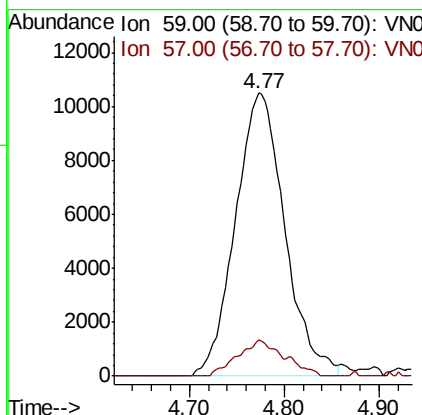
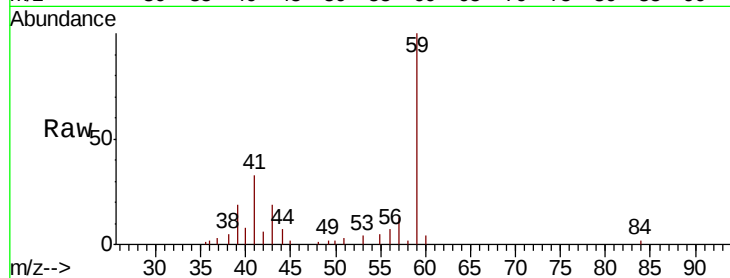


#11

Tert butyl alcohol
 Concen: 180.674 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Instrument :
 MSVOA_N
 ClientSampled :

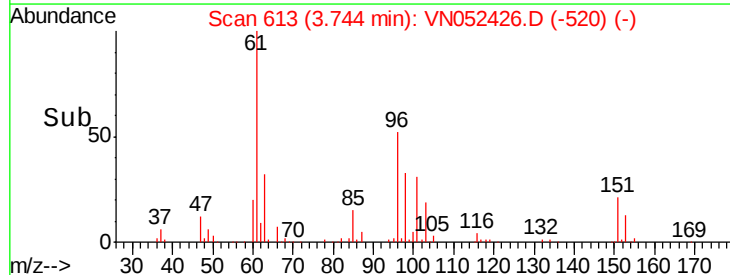
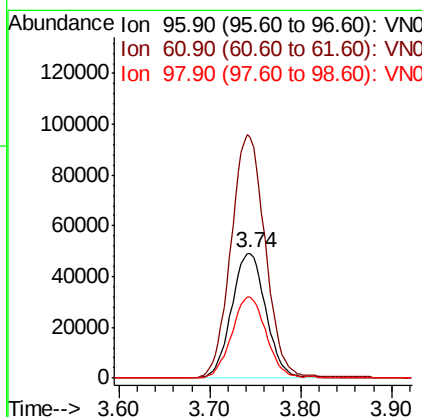
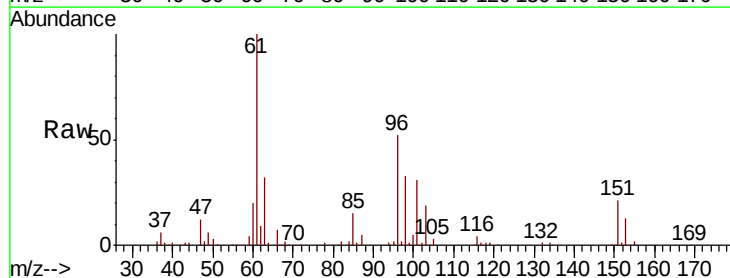
Tot Ion: 59 Resp: 38037
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.5 12.7

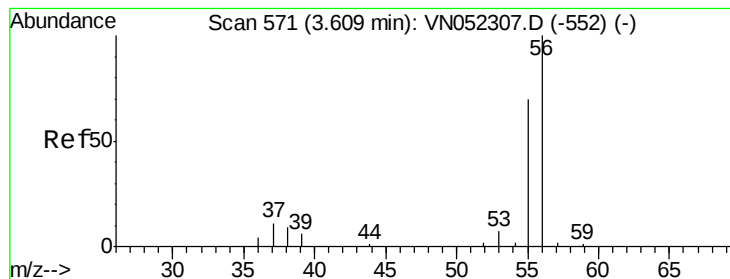


#12

1,1-Dichloroethene
 Concen: 44.508 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 96 Resp: 129321
 Ion Ratio Lower Upper
 96 100
 61 192.8 149.6 224.4
 98 64.3 54.2 81.2





#13

Acrolein

Concen: 257.534 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

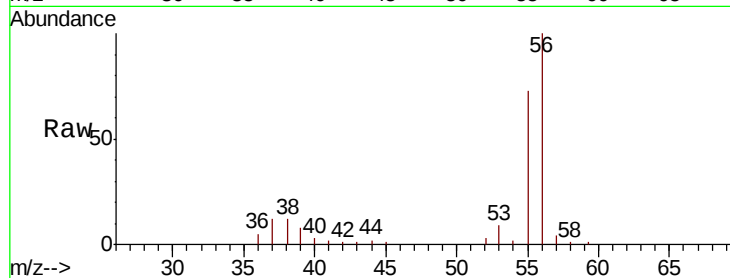
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 82006

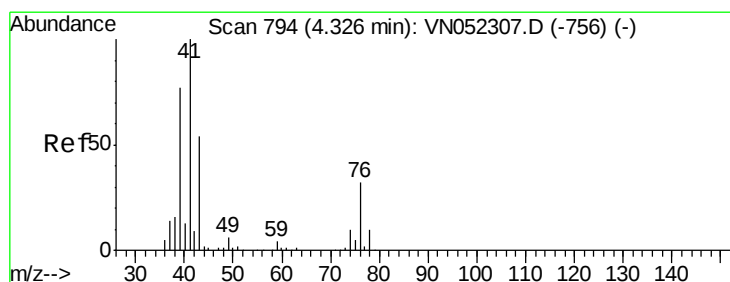
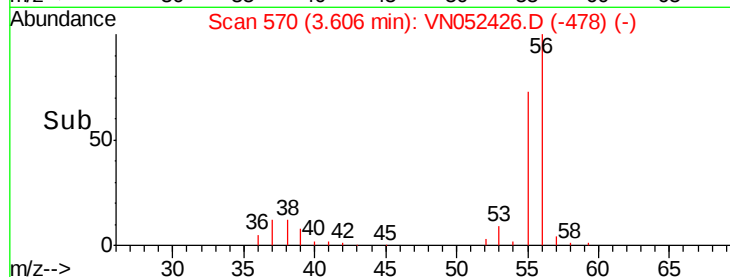
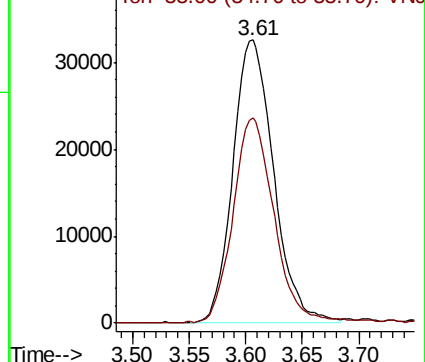
Ion Ratio Lower Upper

56 100

55 72.6 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 49.132 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

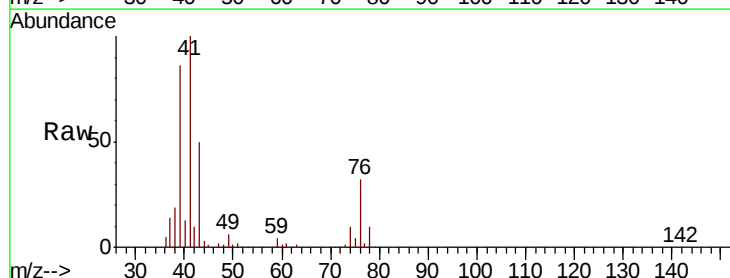
Tgt Ion: 41 Resp: 293122

Ion Ratio Lower Upper

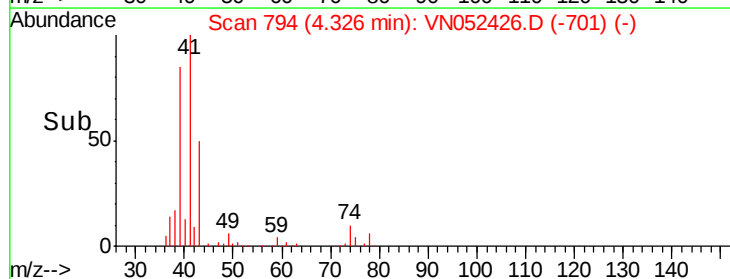
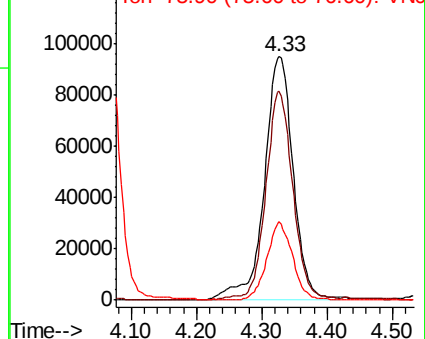
41 100

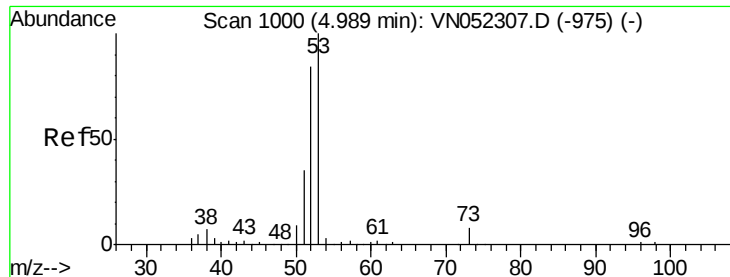
39 80.5 59.1 88.7

76 28.0 24.1 36.1



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 215.451 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampleId :

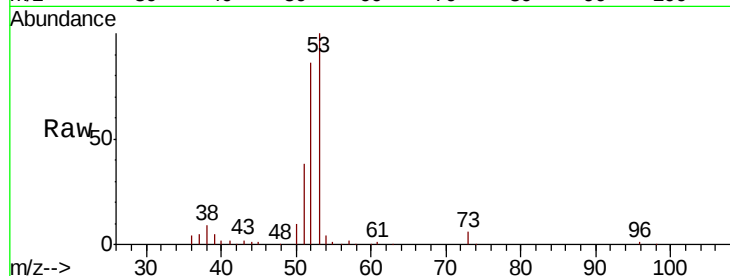
Tot Ion: 53 Resp: 259003

Ion Ratio Lower Upper

53 100

52 84.3 67.5 101.3

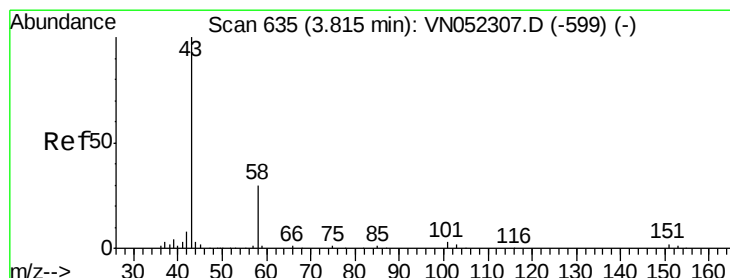
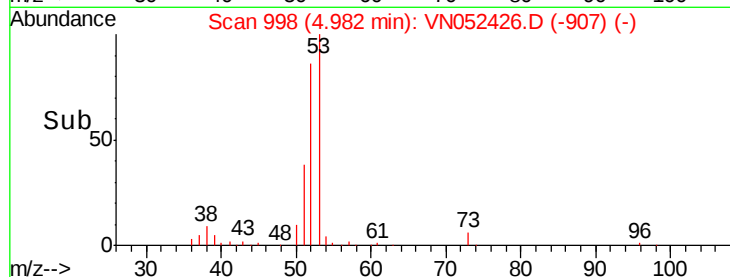
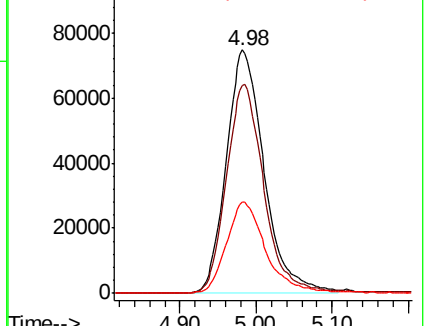
51 39.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN052307.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN052307.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN052307.D (-975) (-)



#16

Acetone

Concen: 249.883 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052426.D

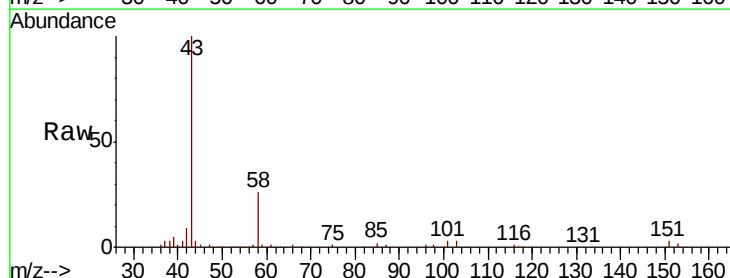
Acq: 21 Nov 2018 9:43

Tgt Ion: 43 Resp: 274273

Ion Ratio Lower Upper

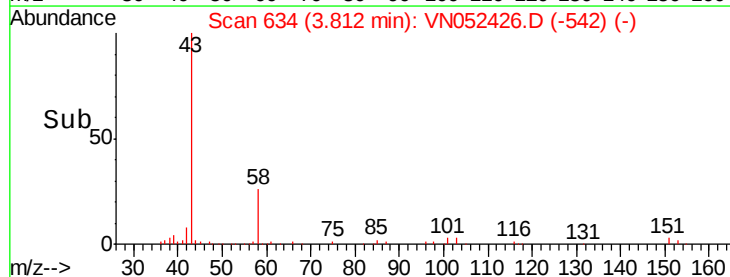
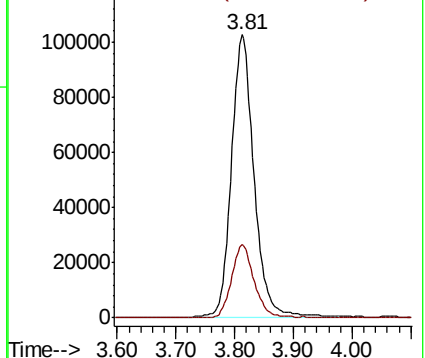
43 100

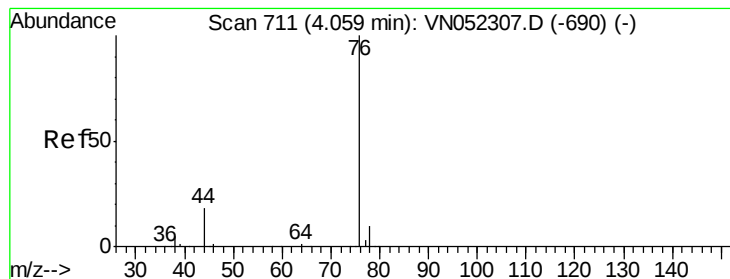
58 26.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)





#17

Carbon Disulfide

Concen: 47.598 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

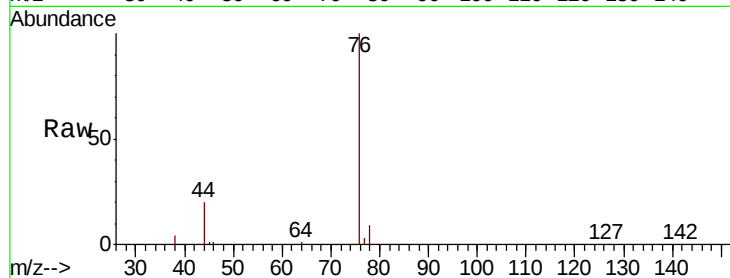
ClientSampleId :

Tot Ion: 76 Resp: 396569

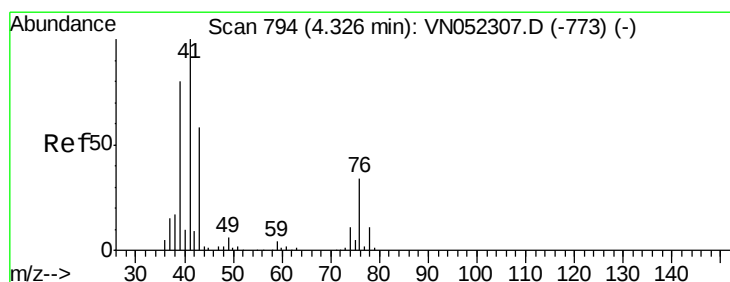
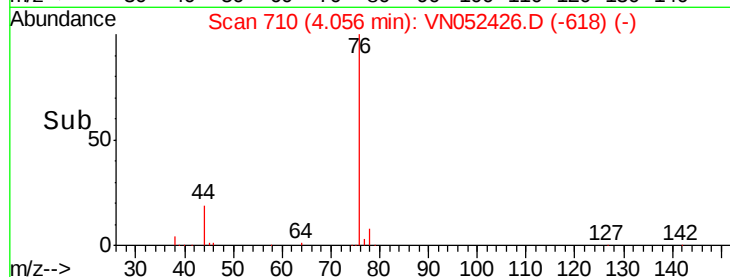
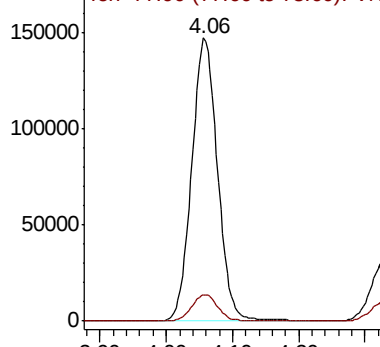
Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5



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



#18

Methyl Acetate

Concen: 44.480 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052426.D

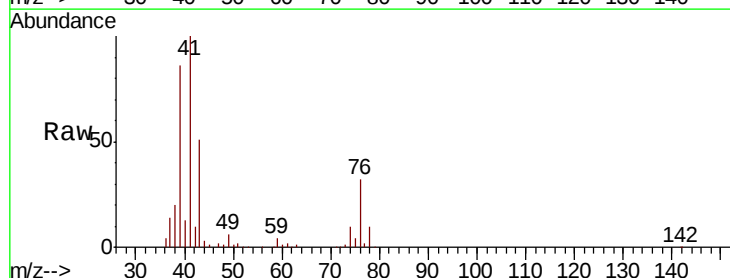
Acq: 21 Nov 2018 9:43

Tgt Ion: 43 Resp: 136661

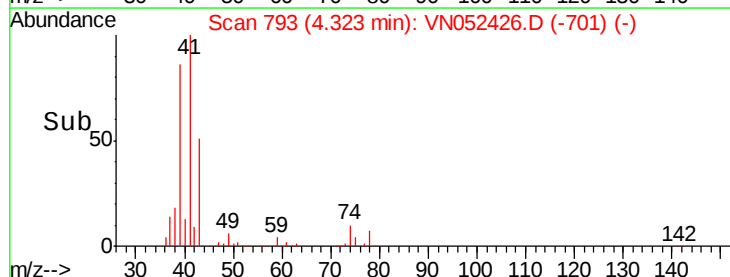
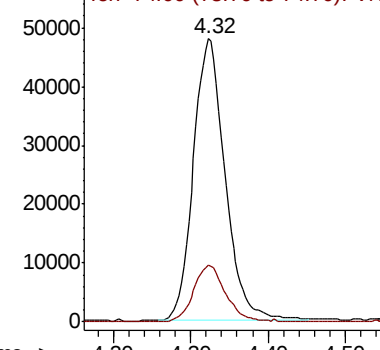
Ion Ratio Lower Upper

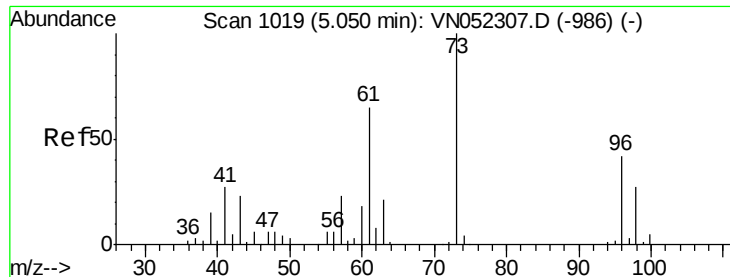
43 100

74 20.2 15.9 23.9



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

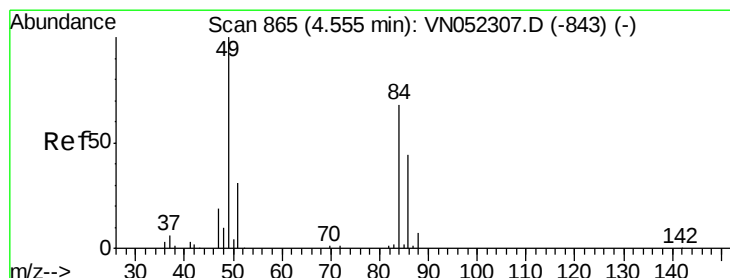
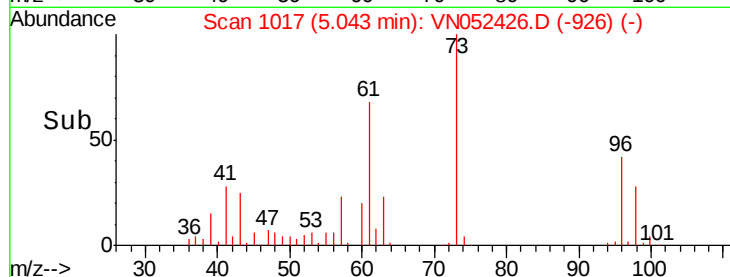
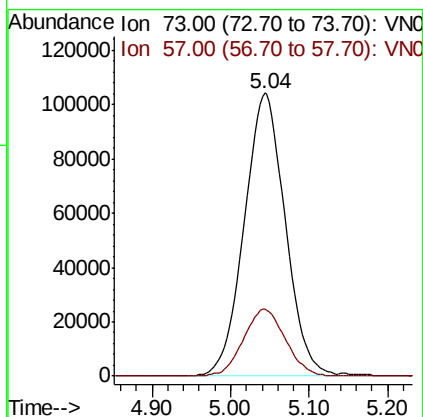
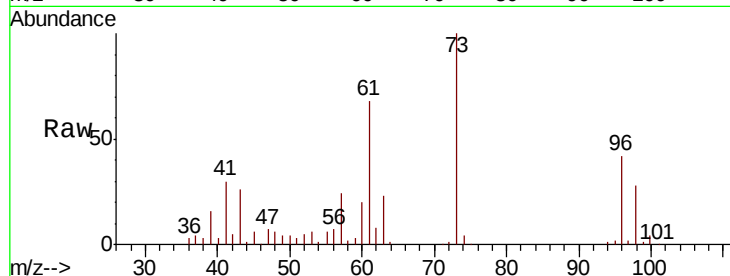




#19
Methvl tert-butvl Ether
Concen: 45.811 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

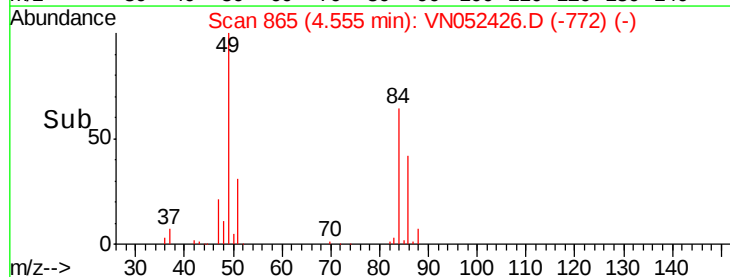
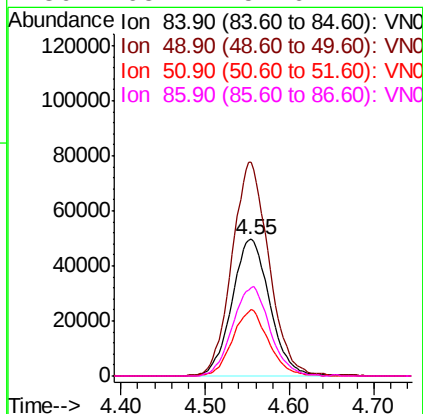
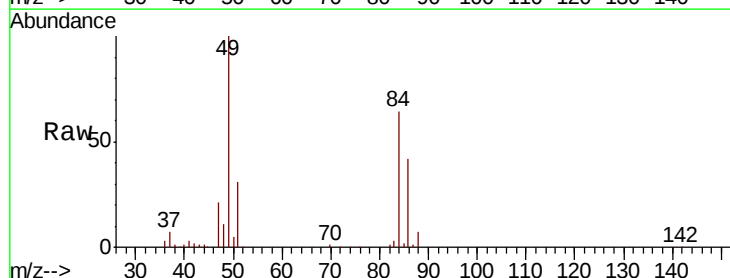
Instrument :
MSVOA_N
ClientSampled :

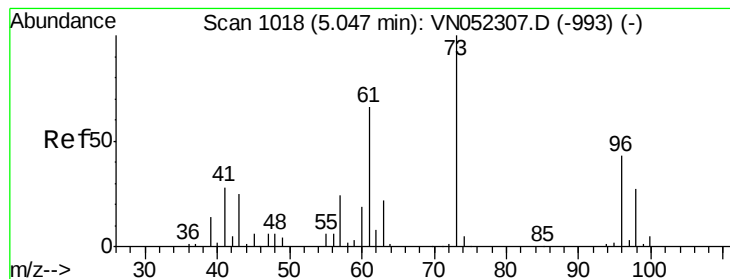
Tot Ion: 73 Resp: 382508
Ion Ratio Lower Upper
73 100
57 23.7 18.7 28.1



#20
Methylene Chloride
Concen: 46.282 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 84 Resp: 154721
Ion Ratio Lower Upper
84 100
49 155.8 118.2 177.2
51 48.5 36.1 54.1
86 65.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 45.864 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :
MSVOA_N
ClientSampled :

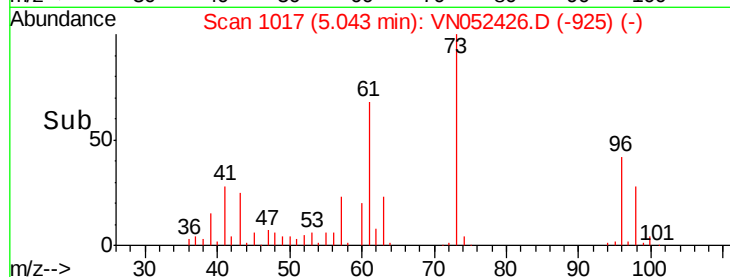
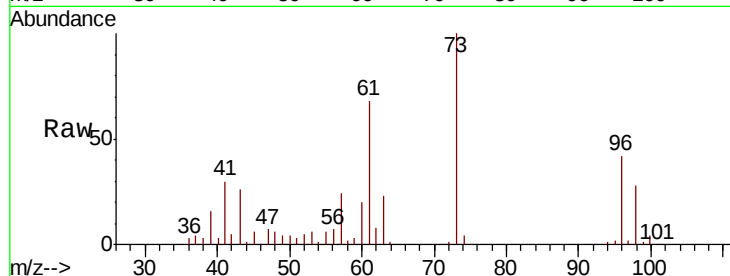
Tot Ion: 96 Resp: 143474

Ion Ratio Lower Upper

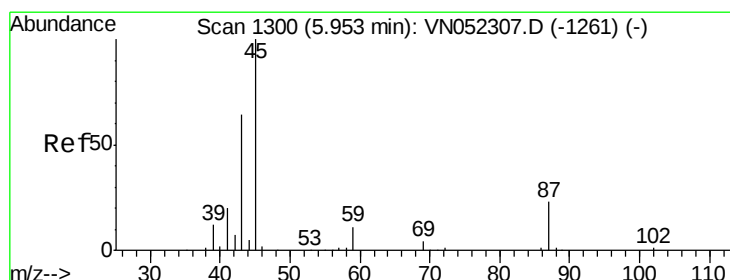
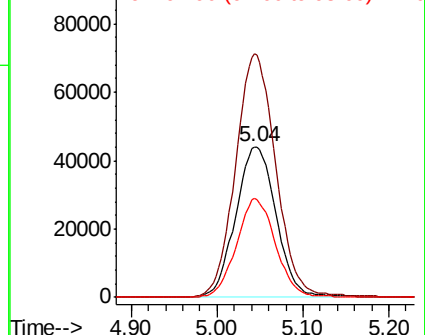
96 100

61 161.5 123.6 185.4

98 65.6 50.7 76.1



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



#22

Diisopropyl ether

Concen: 50.043 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Tgt Ion: 45 Resp: 609165

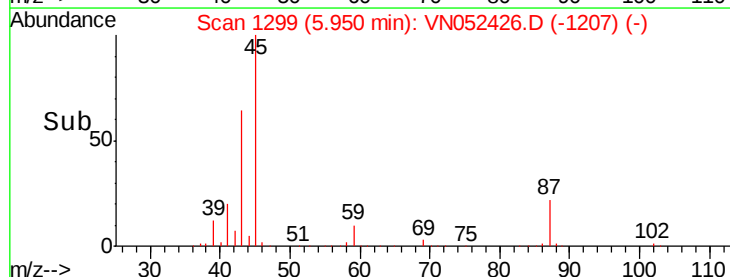
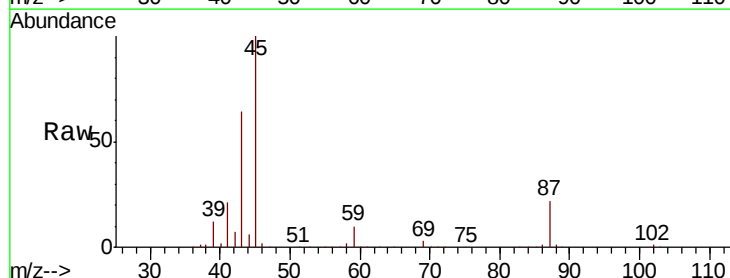
Ion Ratio Lower Upper

45 100

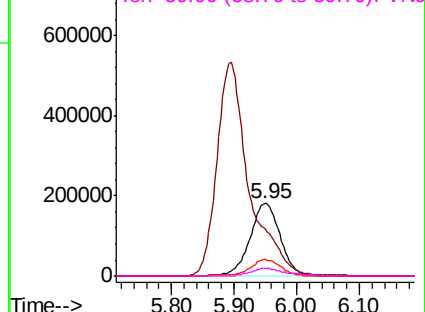
43 63.0 51.4 77.2

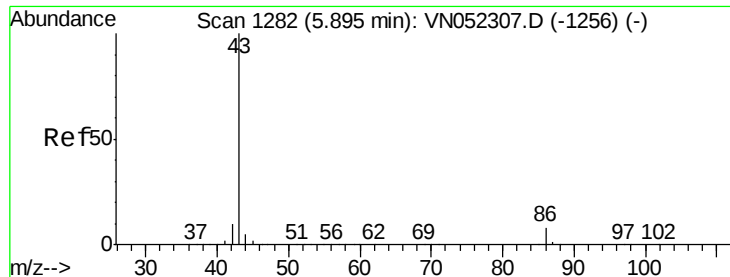
87 22.3 18.8 28.2

59 10.2 8.6 12.8



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

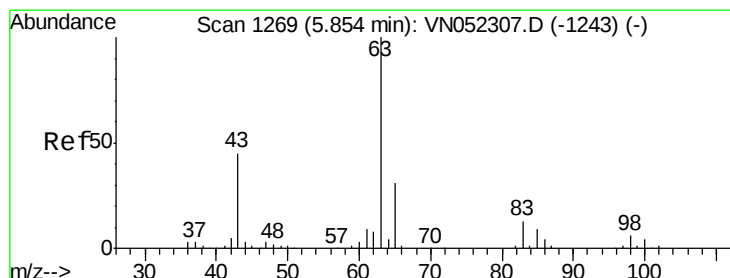
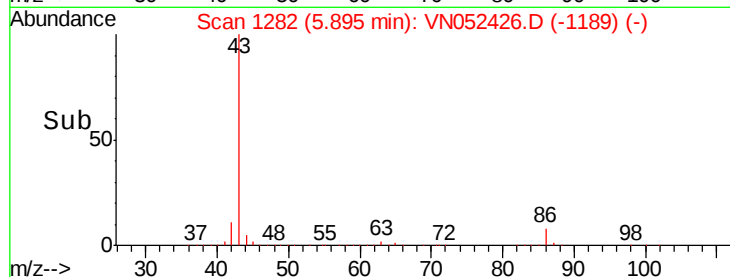
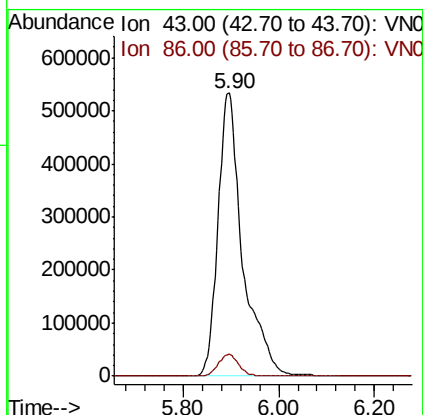
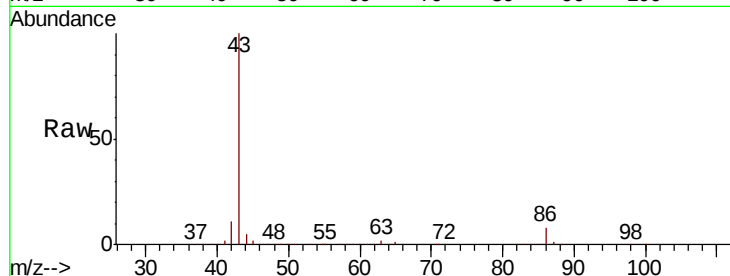




#23
 Vinyl Acetate
 Concen: 231.023 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

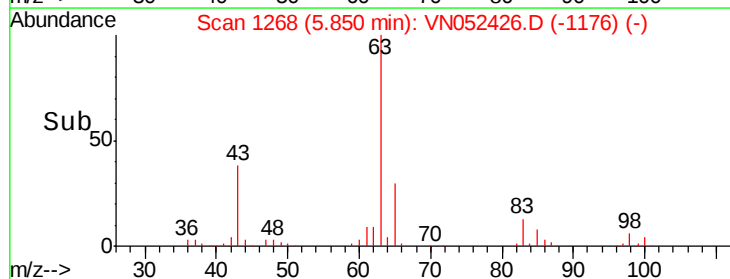
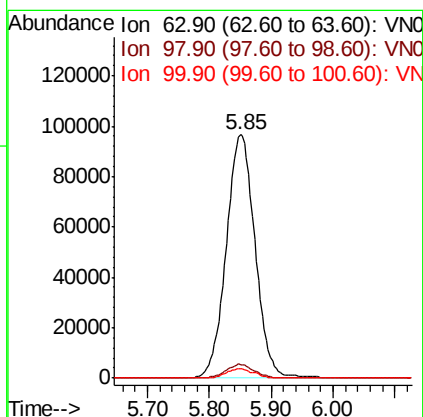
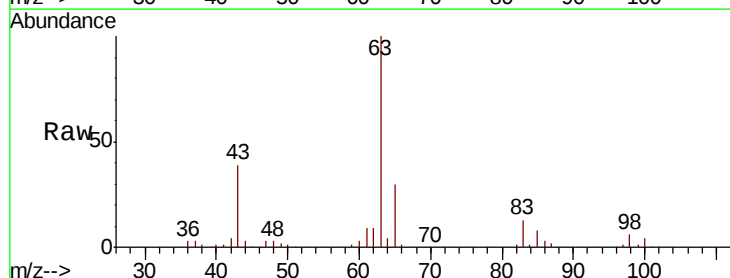
Instrument :
 MSVOA_N
 ClientSampled :

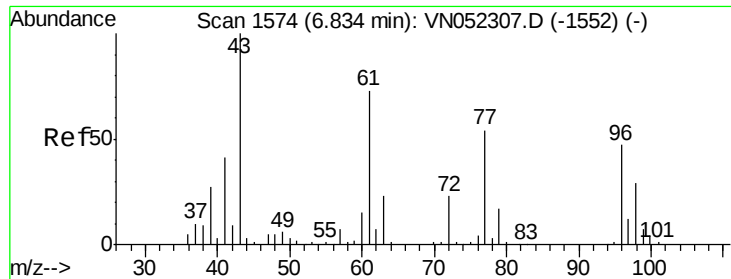
Tot Ion: 43 Resp: 1907698
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 47.881 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 63 Resp: 312532
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.6
 100 3.9 1.9 5.7

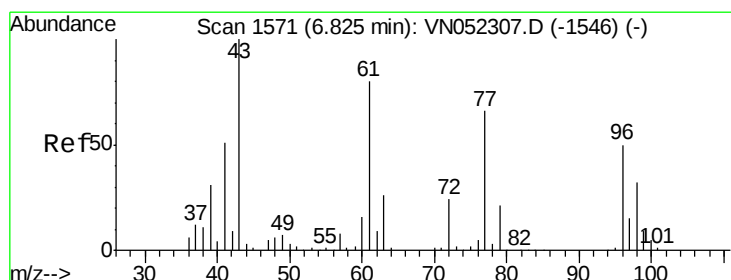
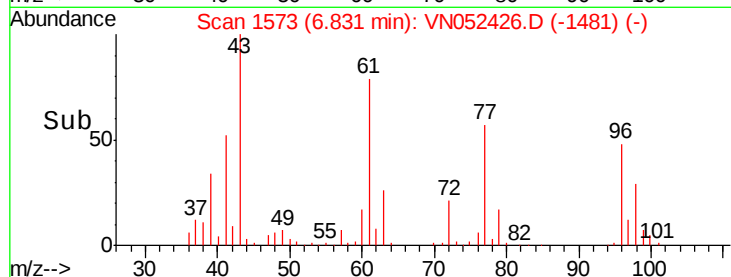
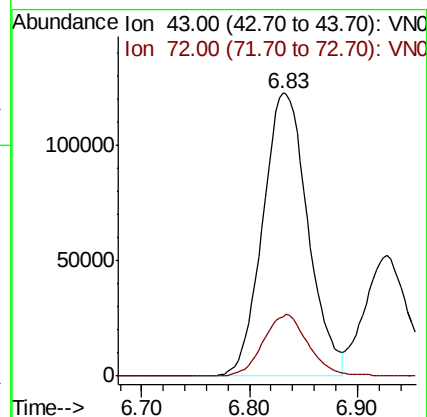
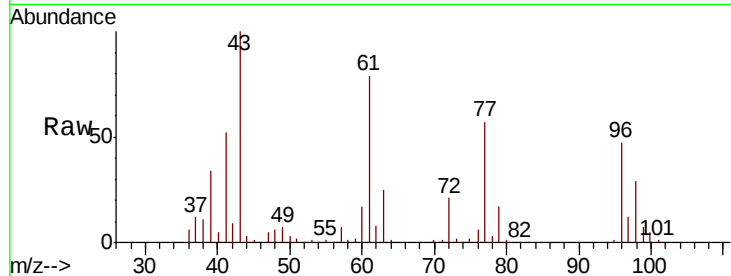




#25
2-Butanone
Concen: 229.107 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

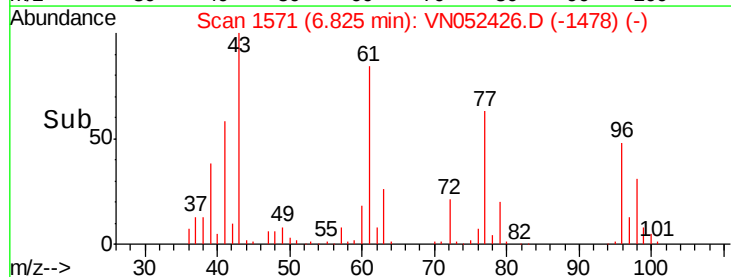
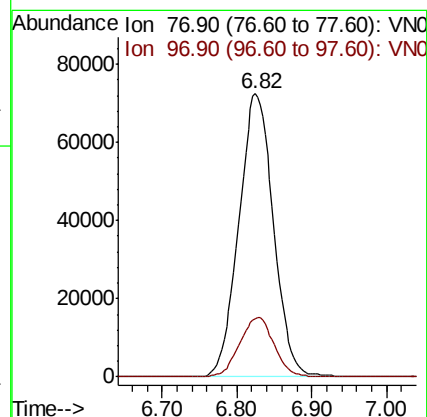
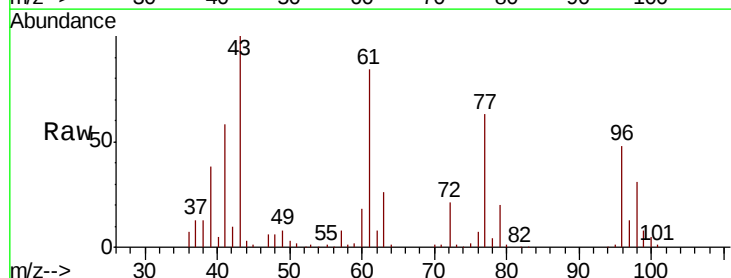
Instrument :
MSVOA_N
ClientSampled :

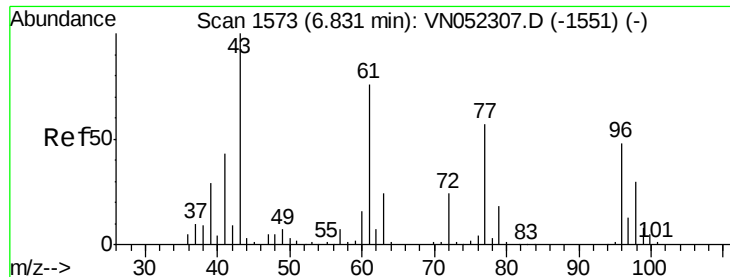
Tot Ion: 43 Resp: 353960
Ion Ratio Lower Upper
43 100
72 21.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 48.553 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 77 Resp: 233036
Ion Ratio Lower Upper
77 100
97 20.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 46.457 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

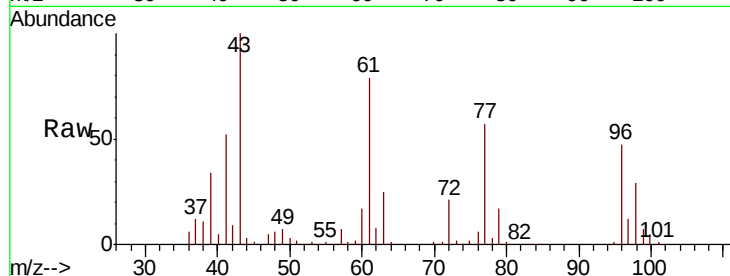
Tot Ion: 96 Resp: 169181

Ion Ratio Lower Upper

96 100

61 168.8 0.0 316.8

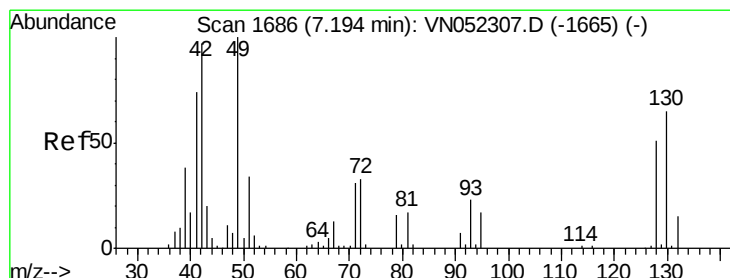
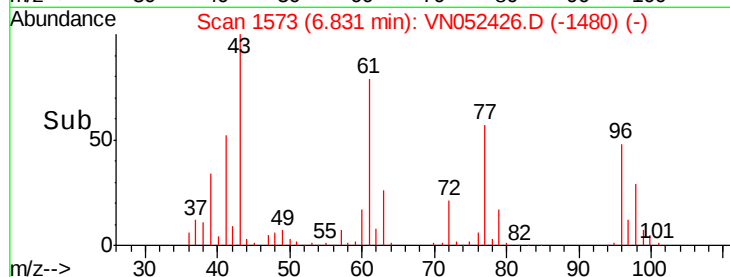
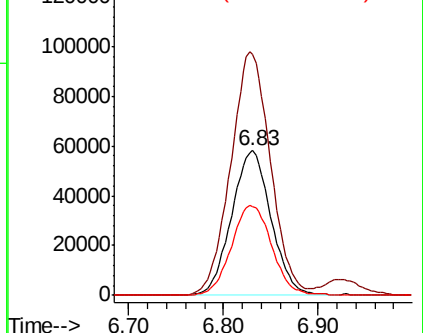
98 63.5 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.370 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

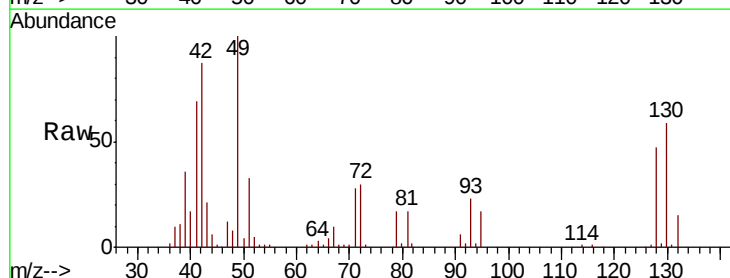
Tgt Ion: 49 Resp: 165695

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.0

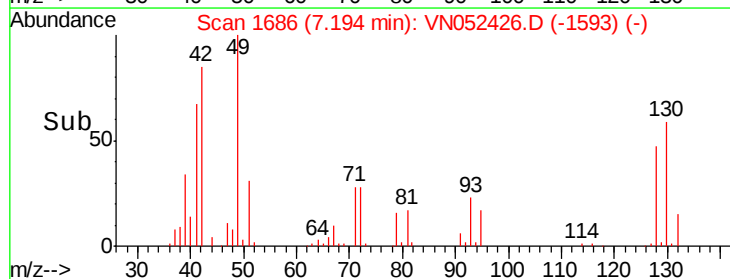
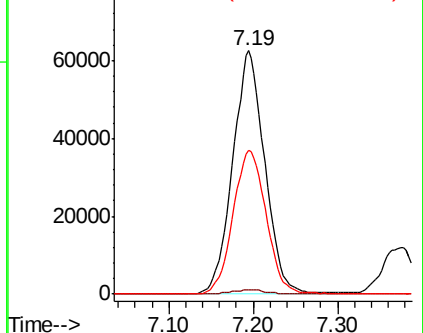
130 60.7 50.4 75.6

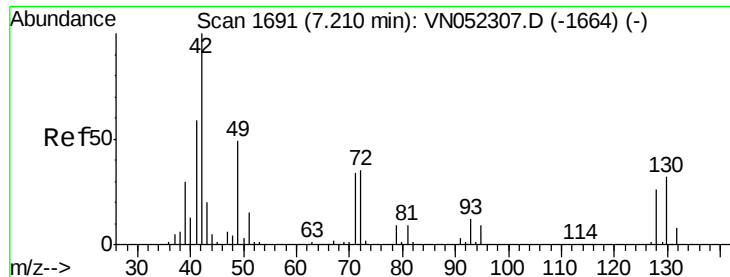


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

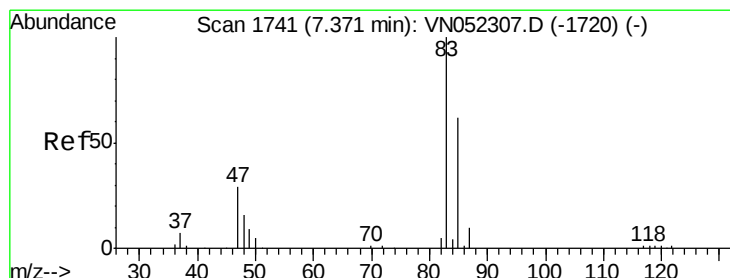
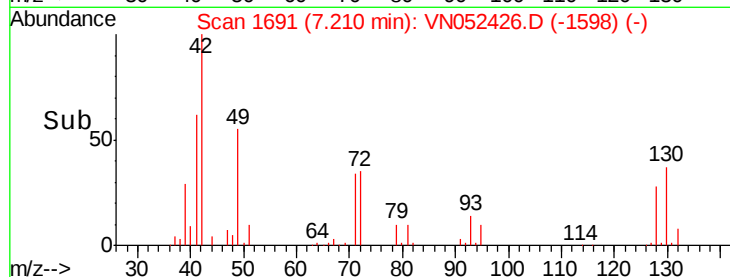
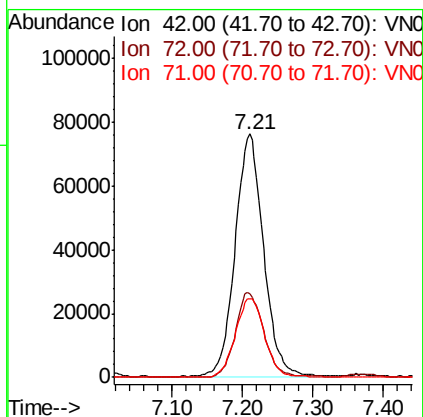
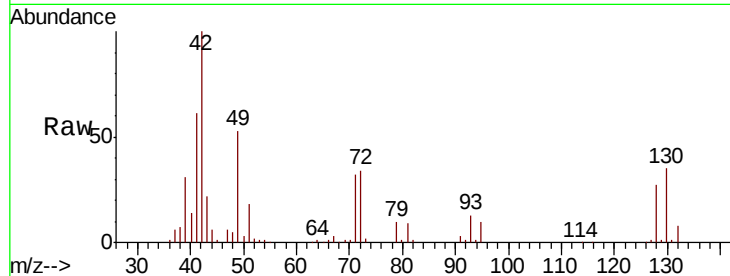




#29
Tetrahydrofuran
Concen: 210.271 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

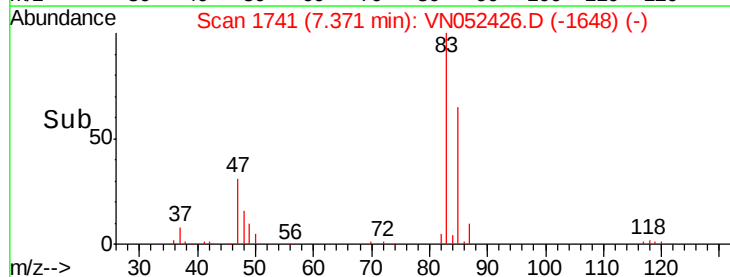
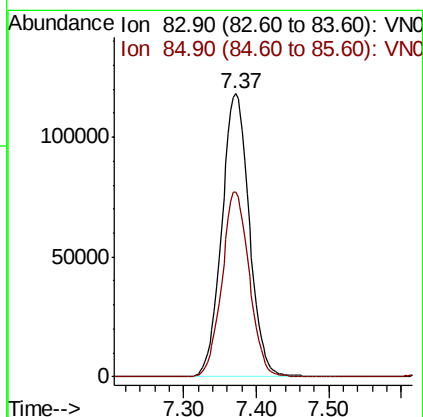
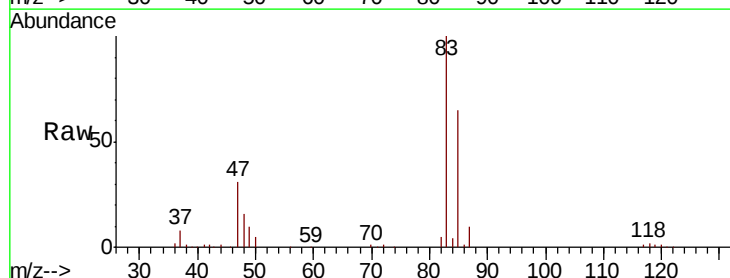
Instrument :
MSVOA_N
ClientSampled :

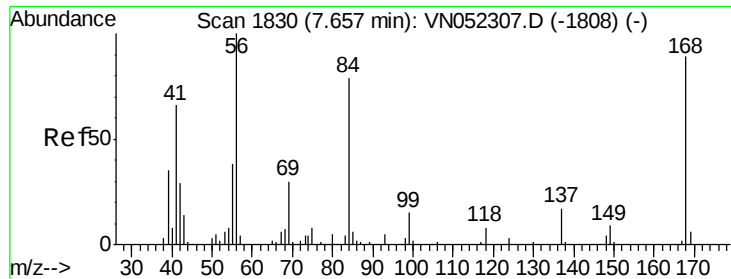
Tot Ion: 42 Resp: 213409
Ion Ratio Lower Upper
42 100
72 34.9 28.6 42.8
71 33.3 26.7 40.1



#30
Chloroform
Concen: 50.062 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 83 Resp: 311413
Ion Ratio Lower Upper
83 100
85 65.4 49.4 74.2

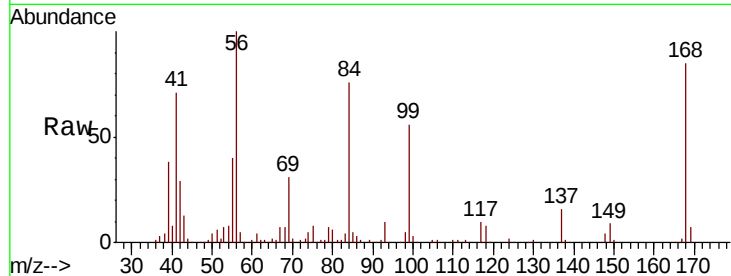




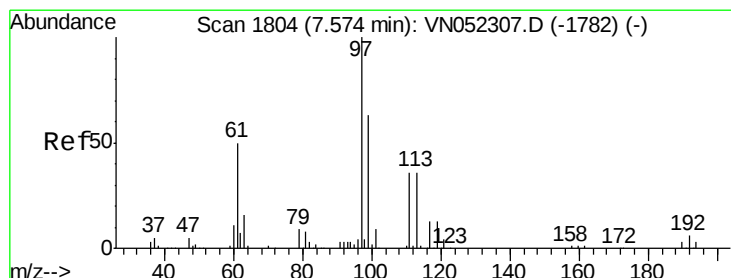
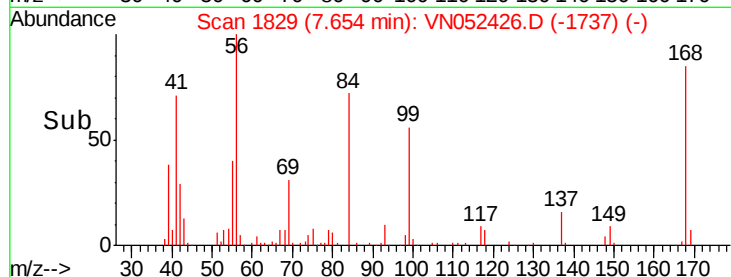
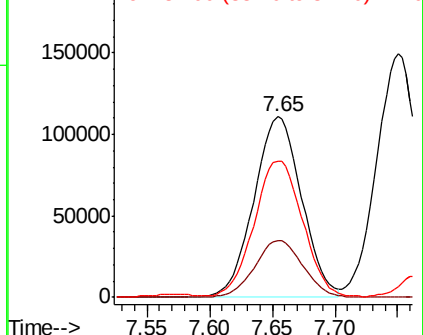
#31
Cyclohexane
Concen: 48.295 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 292903
Ion Ratio Lower Upper
56 100
69 31.5 23.8 35.8
84 74.2 63.0 94.6

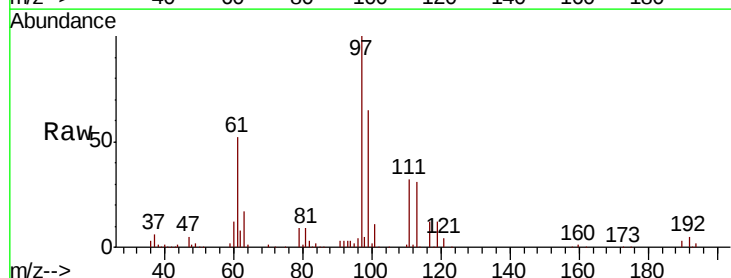


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

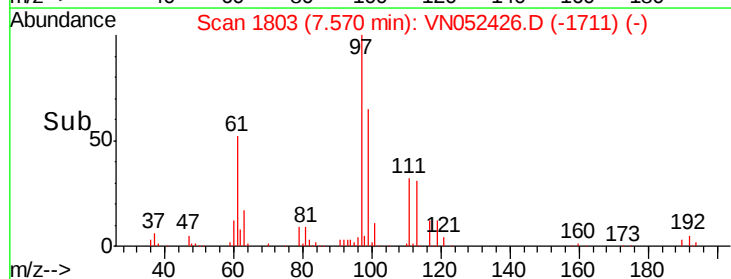
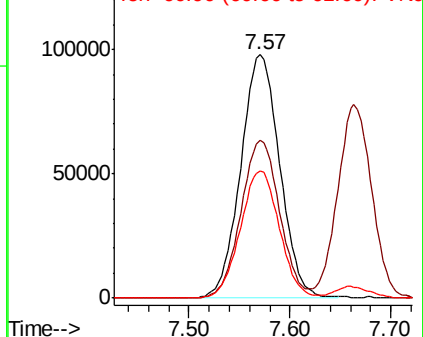


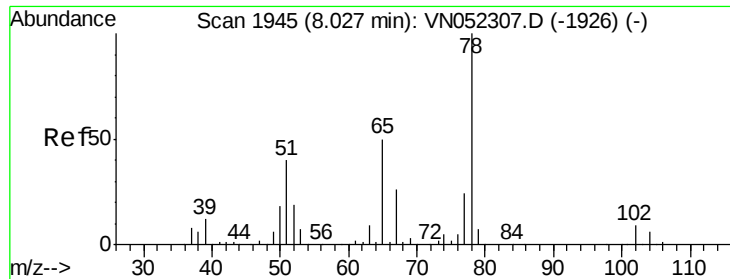
#32
1,1,1-Trichloroethane
Concen: 49.513 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 97 Resp: 262375
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.2
61 52.5 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

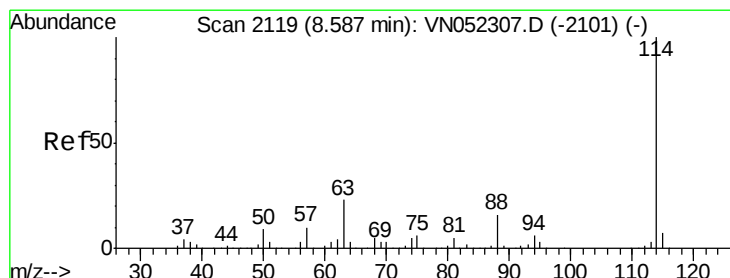
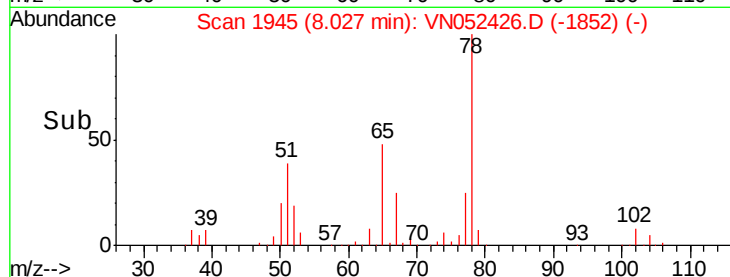
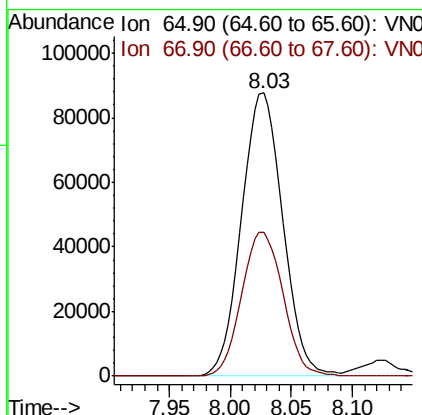
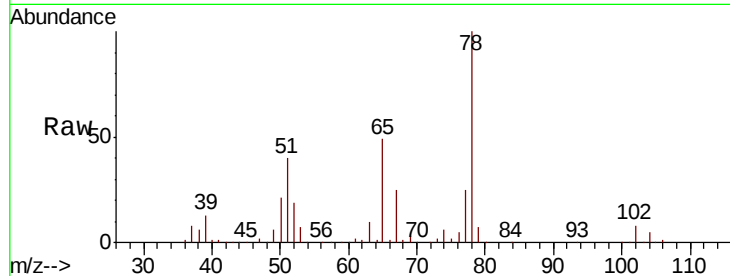




#33
 1,2-Dichloroethane-d4
 Concen: 49.513 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

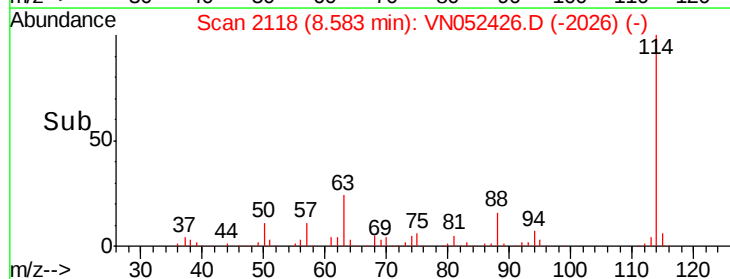
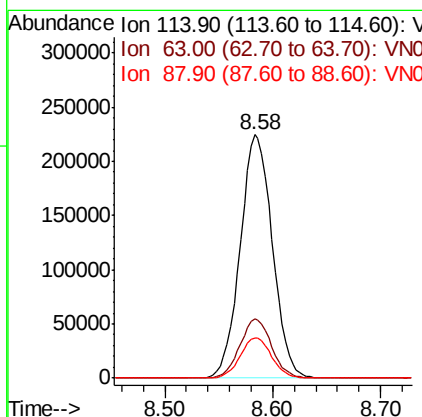
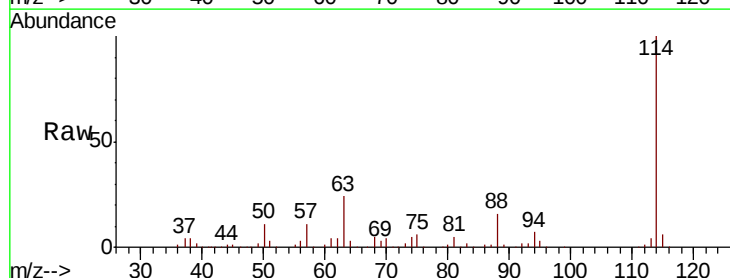
Instrument :
 MSVOA_N
 ClientSampled :

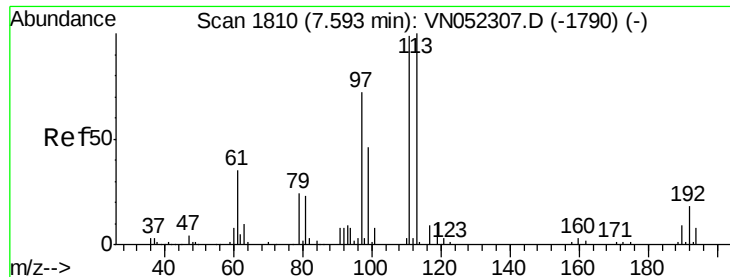
Tot Ion: 65 Resp: 205730
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 114 Resp: 465960
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 45.4
 88 16.4 0.0 31.2

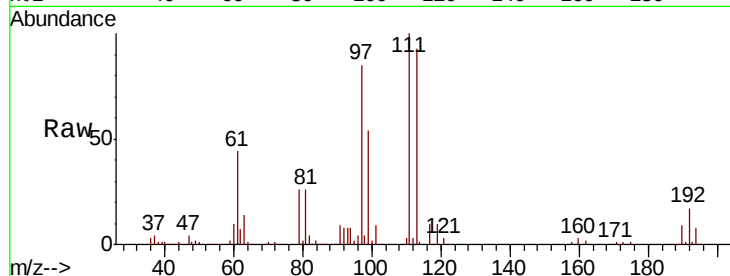




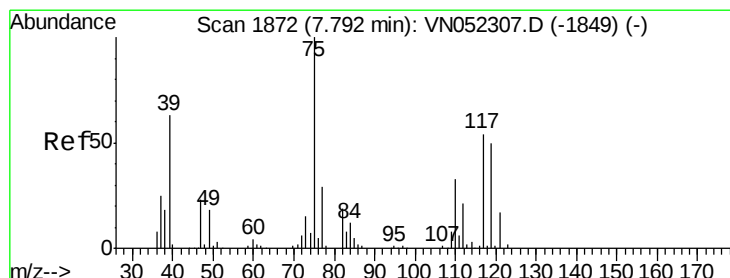
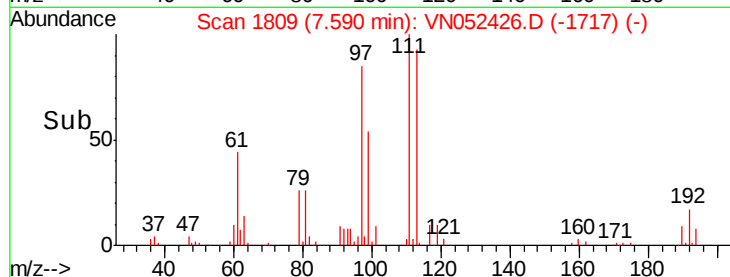
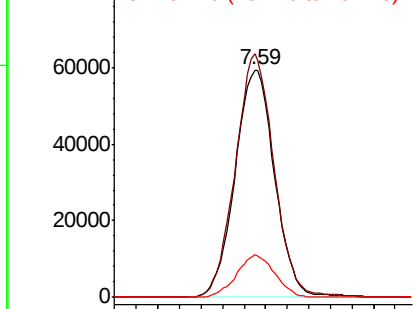
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 151654
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.0 121.6
 192 18.1 13.8 20.6

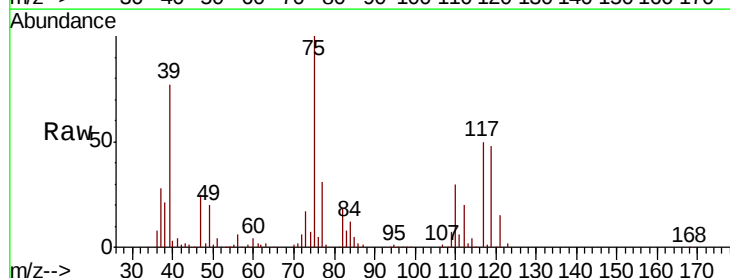


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

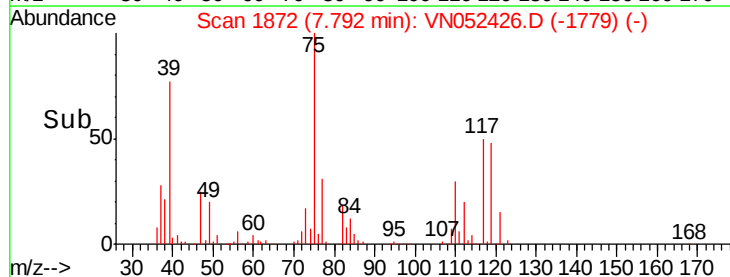
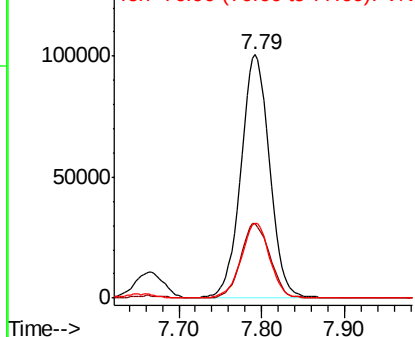


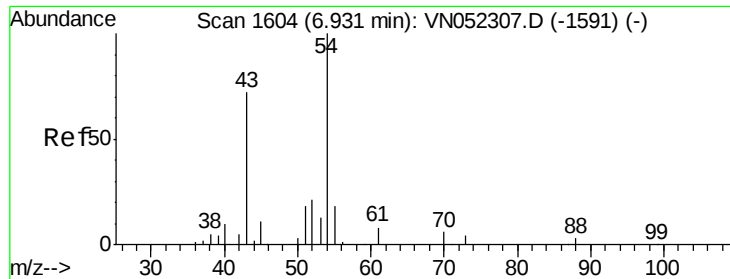
#36
 1,1-Dichloropropene
 Concen: 51.437 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 75 Resp: 240227
 Ion Ratio Lower Upper
 75 100
 110 31.2 16.5 49.5
 77 31.1 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

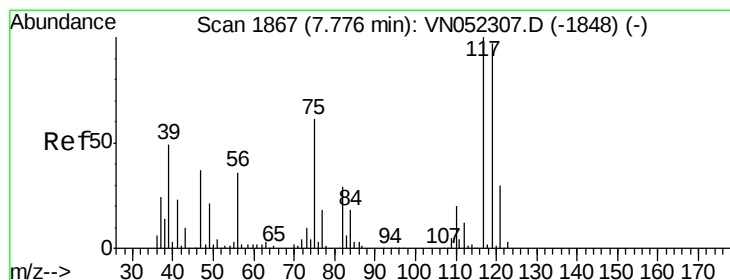
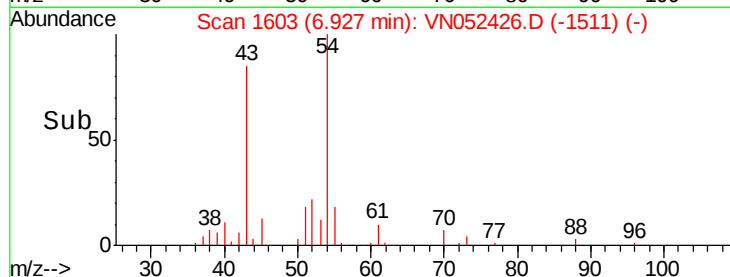
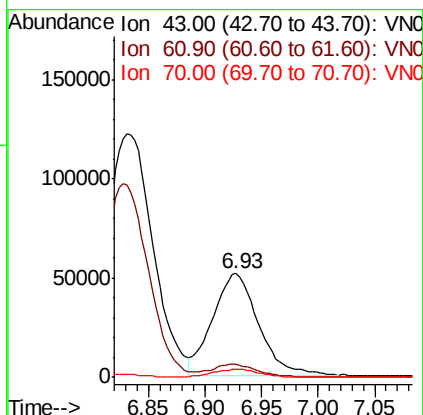
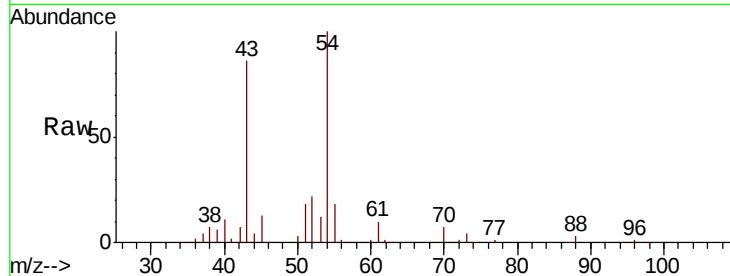




#37
Ethyl Acetate
Concen: 42.877 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

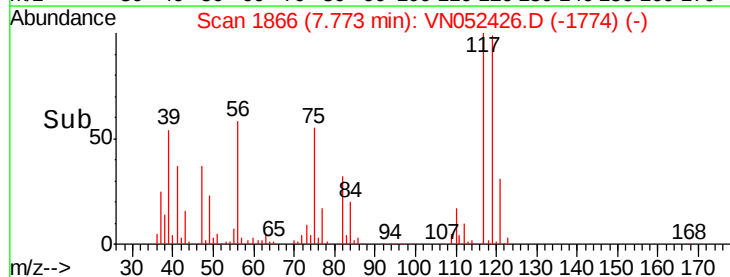
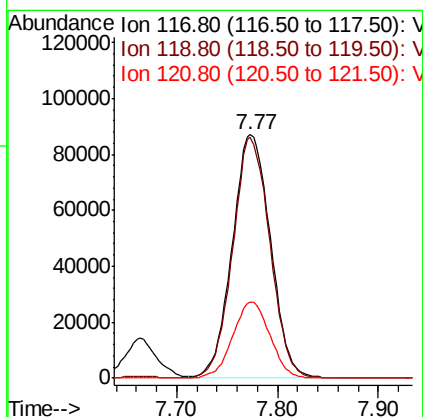
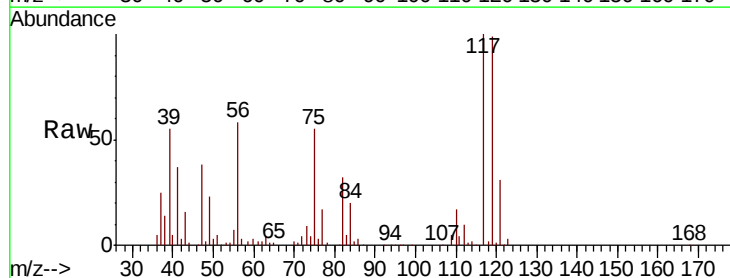
Instrument :
MSVOA_N
ClientSampleId :

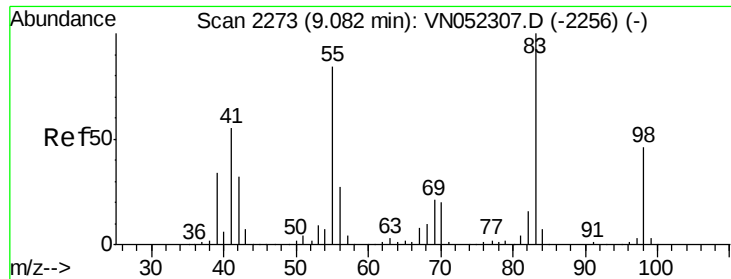
Tot Ion: 43 Resp: 145329
Ion Ratio Lower Upper
43 100
61 11.1 10.3 15.5
70 8.1 5.6 8.4



#38
Carbon Tetrachloride
Concen: 53.028 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 117 Resp: 227528
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.0
121 31.3 24.0 36.0

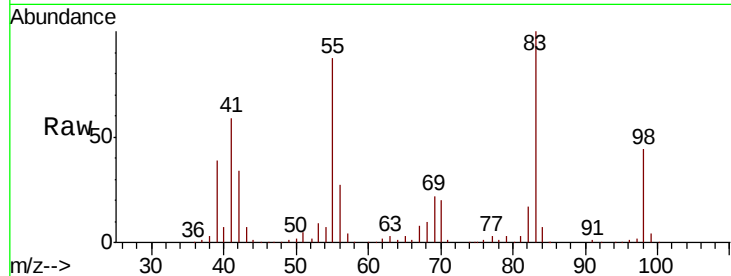




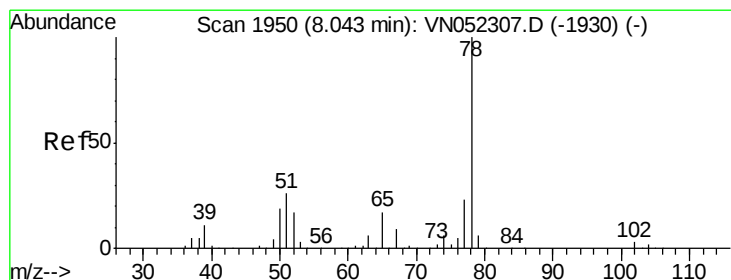
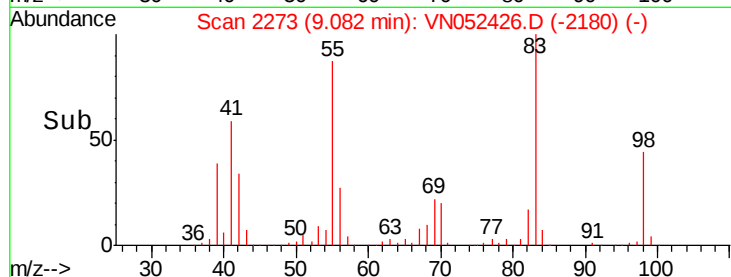
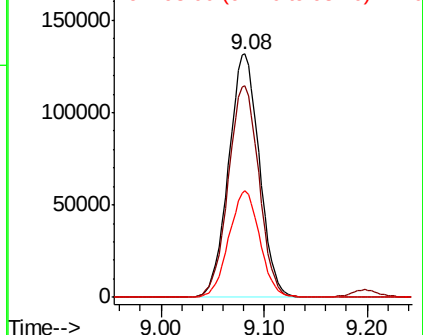
#39
Methvlcvclohexane
Concen: 51.341 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 273726
Ion Ratio Lower Upper
83 100
55 86.8 66.8 100.2
98 43.9 36.4 54.6

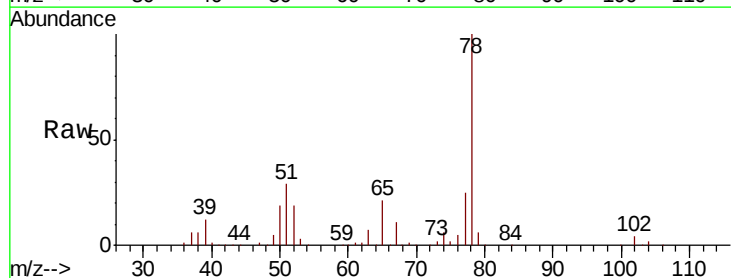


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

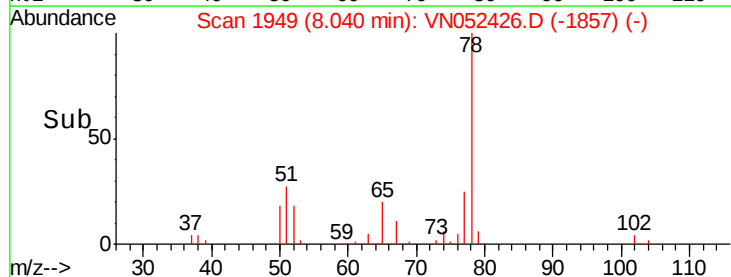
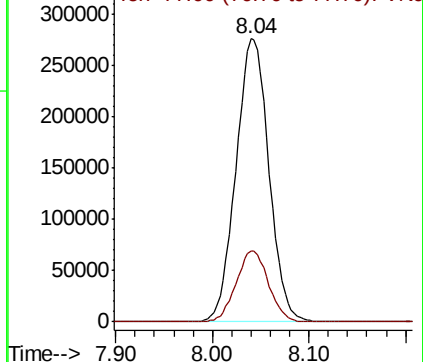


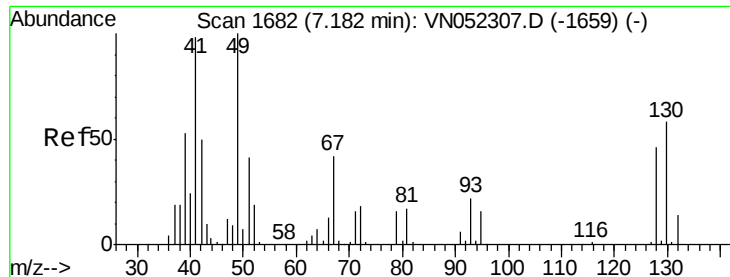
#40
Benzene
Concen: 48.925 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 78 Resp: 652764
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1



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

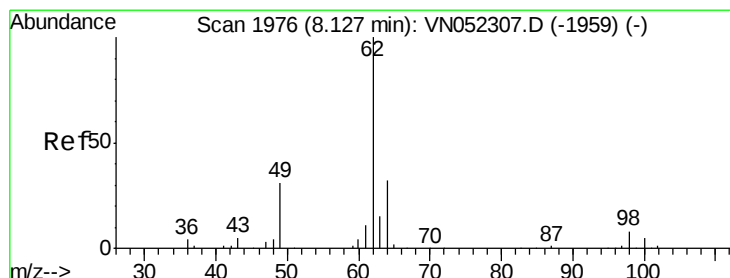
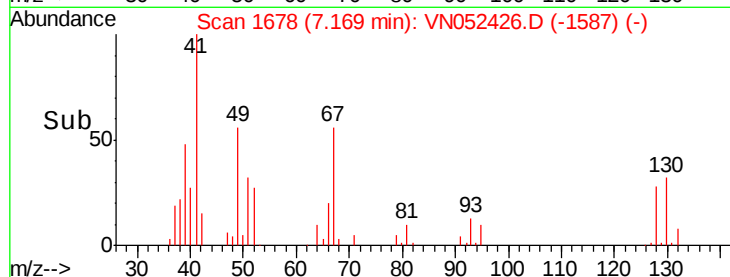
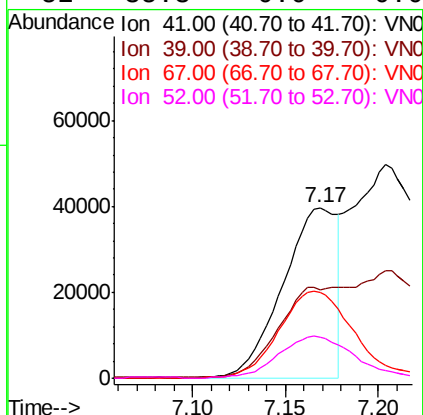
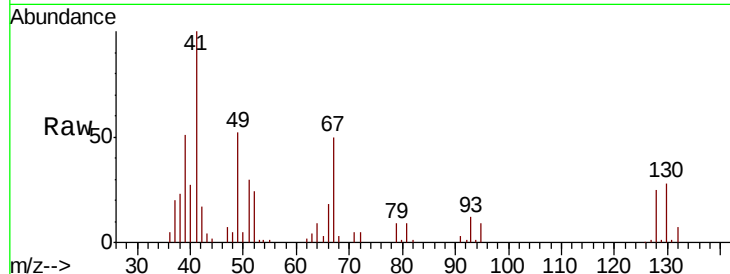




#41
Methacrylonitrile
Concen: 43.756 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

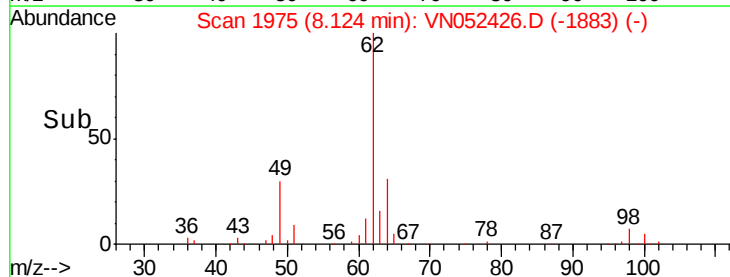
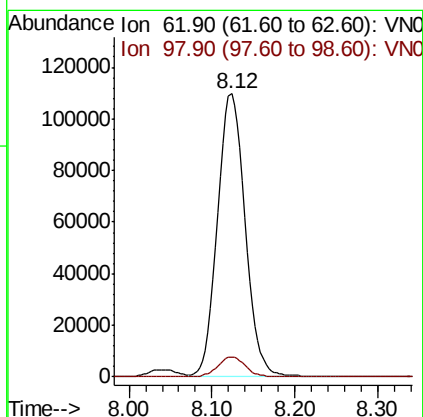
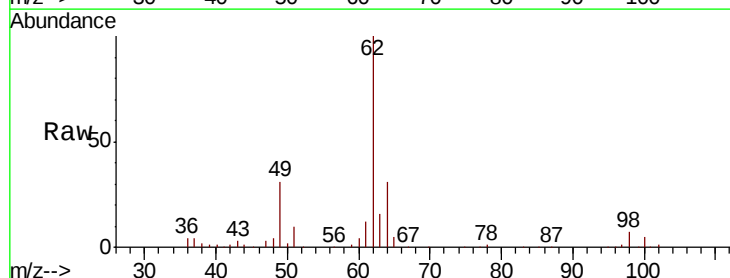
Instrument :
MSVOA_N
ClientSampled :

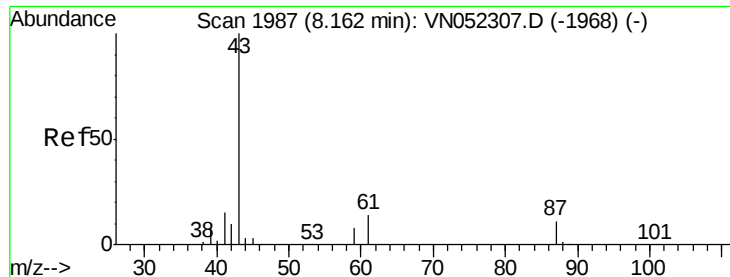
Tot Ion: 41 Resp: 81432
Ion Ratio Lower Upper
41 100
39 40.9 0.0 0.0#
67 70.4 0.0 0.0#
52 35.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 53.797 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 62 Resp: 255950
Ion Ratio Lower Upper
62 100
98 7.0 0.0 15.6





#43

Isopropyl Acetate

Concen: 41.894 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampleId :

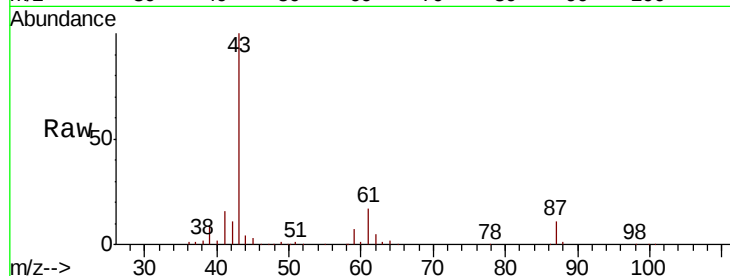
Tot Ion: 43 Resp: 274007

Ion Ratio Lower Upper

43 100

61 15.9 12.0 18.0

87 10.2 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)

8.16

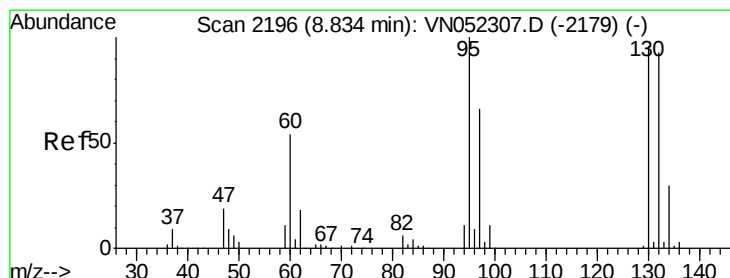
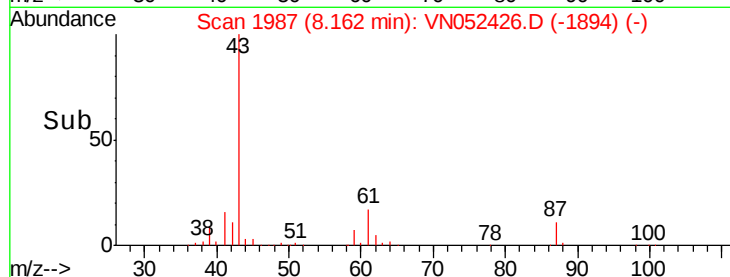
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 49.916 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN052426.D

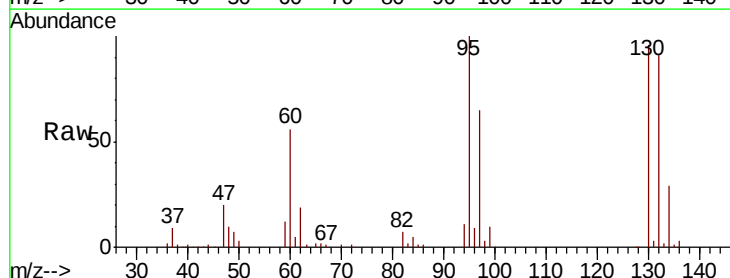
Acq: 21 Nov 2018 9:43

Tgt Ion:130 Resp: 164050

Ion Ratio Lower Upper

130 100

95 103.8 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

8.83

100000

80000

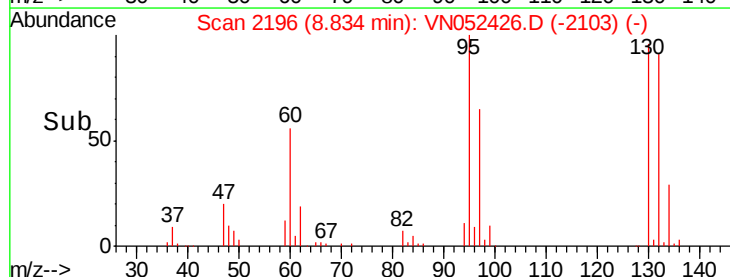
60000

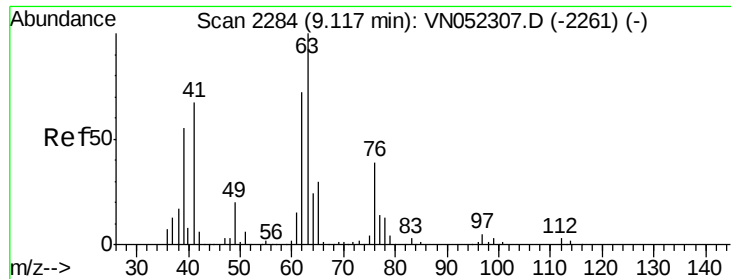
40000

20000

0

Time-->

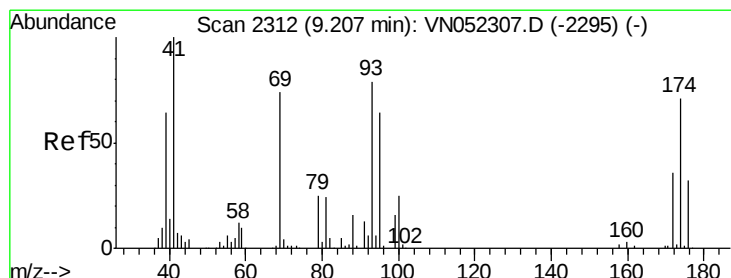
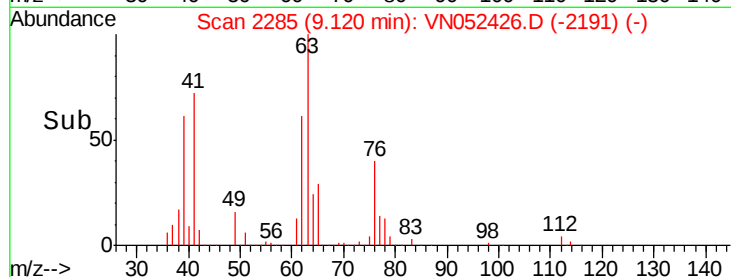
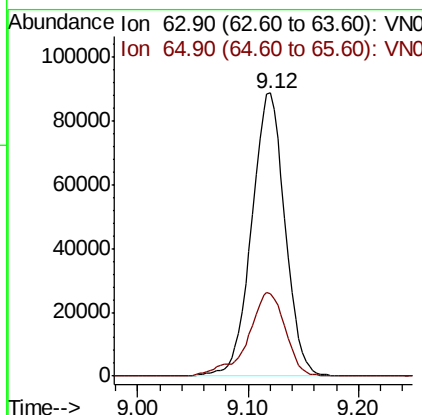
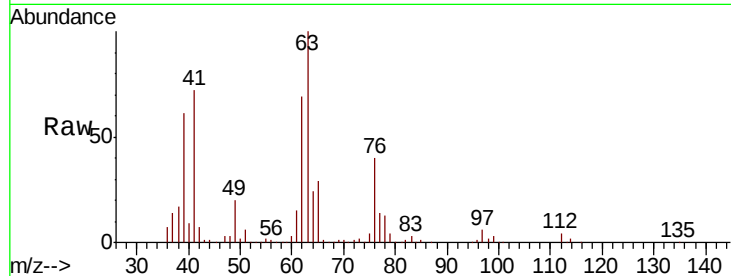




#45
 1,2-Dichloropropane
 Concen: 49.034 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

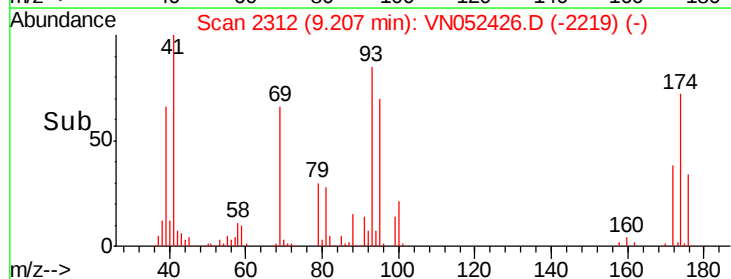
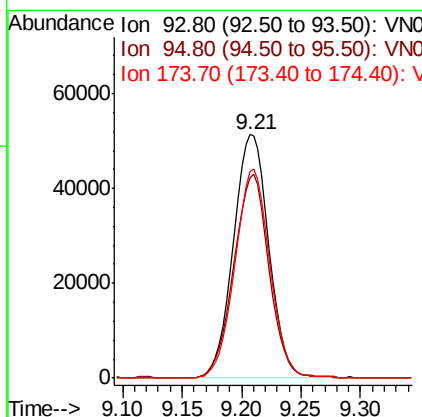
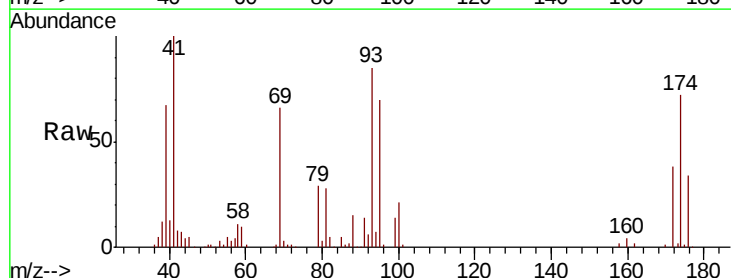
Instrument :
 MSVOA_N
 ClientSampled :

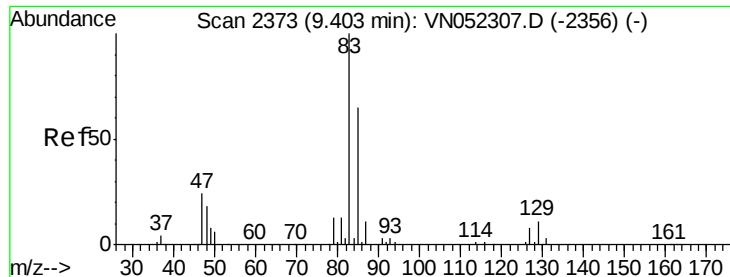
Tot Ion: 63 Resp: 185662
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.2 36.4



#46
 Dibromomethane
 Concen: 48.424 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 93 Resp: 106144
 Ion Ratio Lower Upper
 93 100
 95 83.4 64.2 96.2
 174 84.3 70.9 106.3





#47

Bromodichloromethane

Concen: 53.773 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :
MSVOA_N
ClientSampleId :

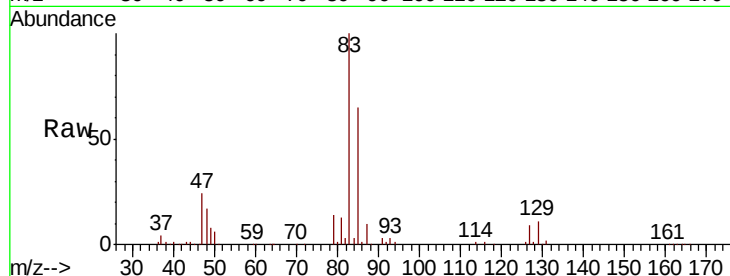
Tot Ion: 83 Resp: 241875

Ion Ratio Lower Upper

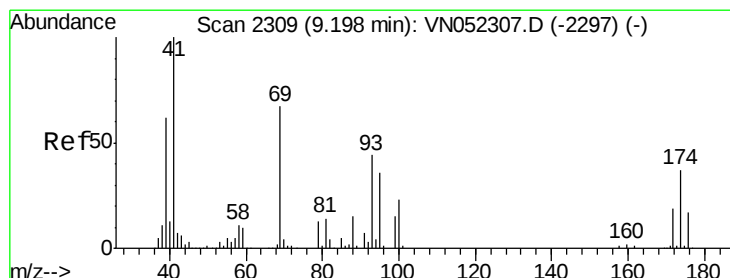
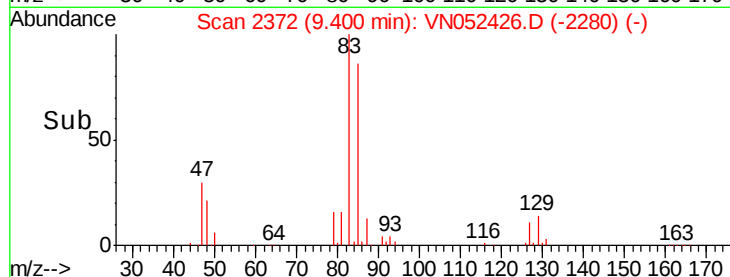
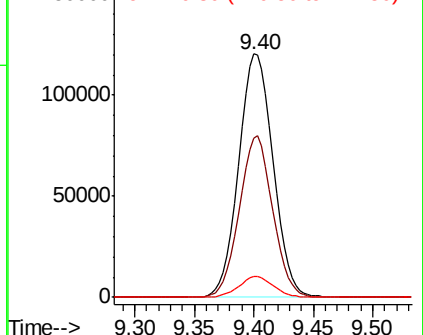
83 100

85 65.2 52.2 78.4

127 8.5 6.7 10.1



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



#48

Methyl methacrylate

Concen: 42.886 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

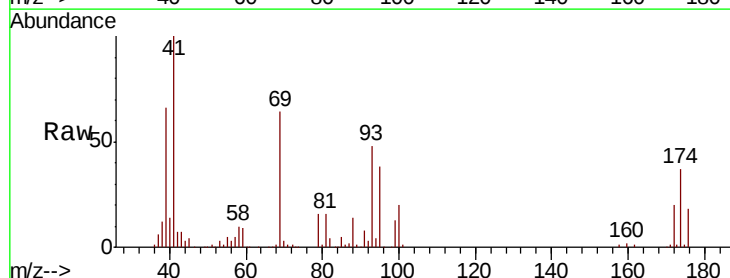
Tgt Ion: 41 Resp: 142328

Ion Ratio Lower Upper

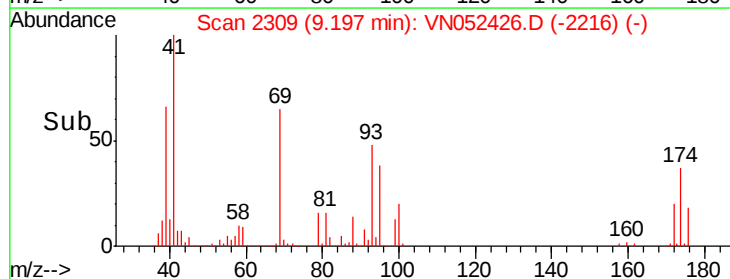
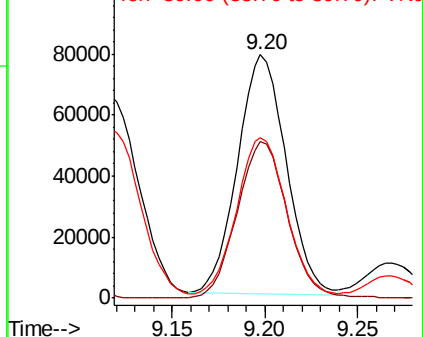
41 100

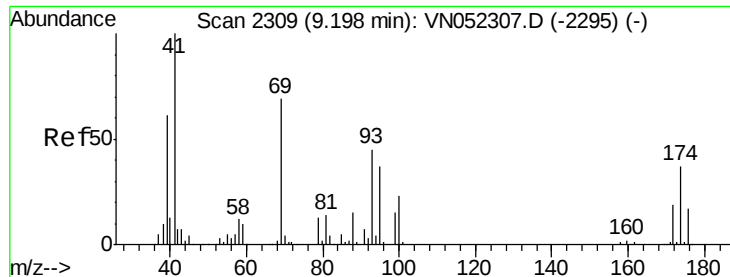
69 68.2 57.1 85.7

39 69.5 52.5 78.7



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





#49

1,4-Dioxane

Concen: 864.874 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

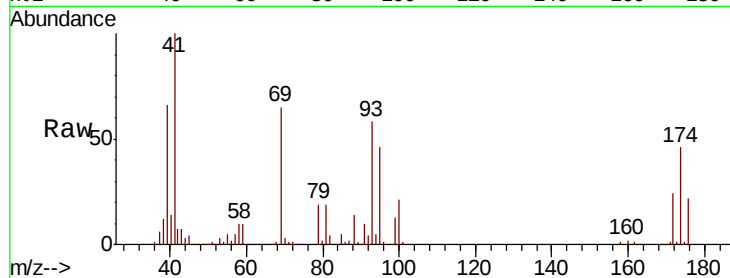
Tot Ion: 88 Resp: 22034

Ion Ratio Lower Upper

88 100

43 50.7 33.3 49.9#

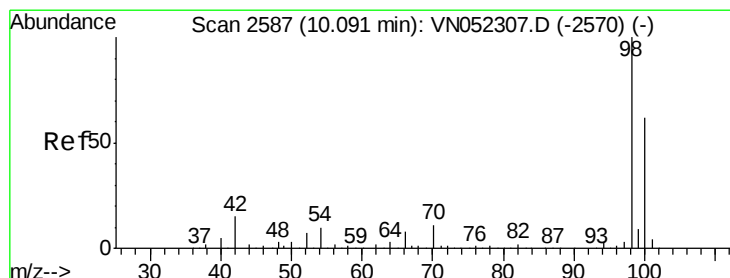
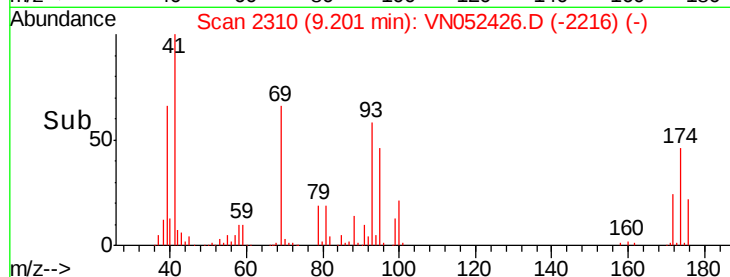
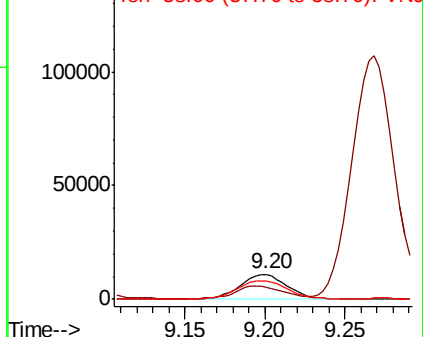
58 80.3 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VN052307.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN052307.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2295) (-)



#50

Toluene-d8

Concen: 864.874 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052426.D

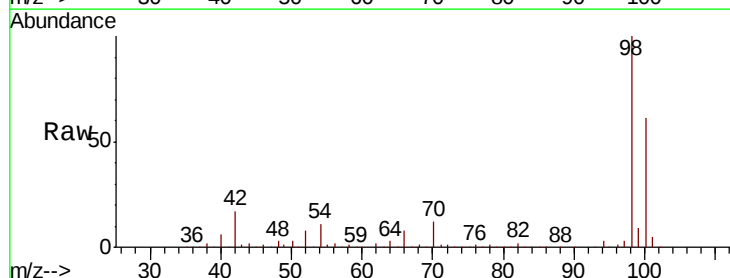
Acq: 21 Nov 2018 9:43

Tgt Ion: 98 Resp: 592331

Ion Ratio Lower Upper

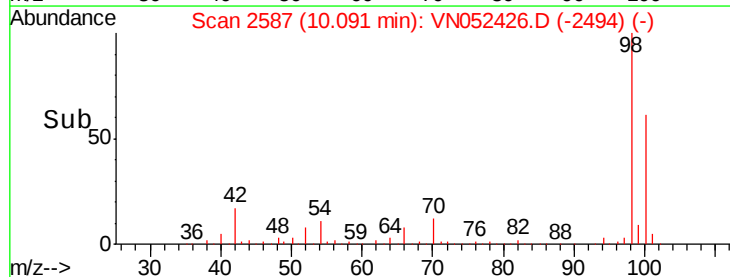
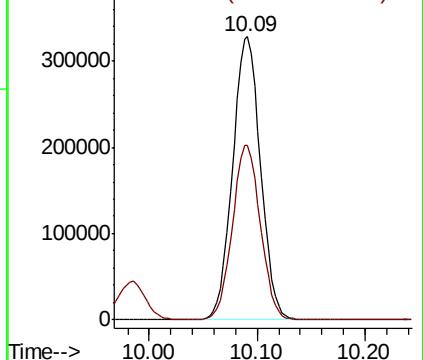
98 100

100 61.6 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 232.833 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

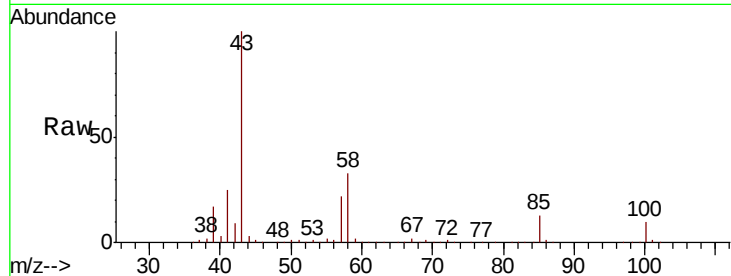
ClientSampled :

Tot Ion: 43 Resp: 766555

Ion Ratio Lower Upper

43 100

58 33.0 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

400000

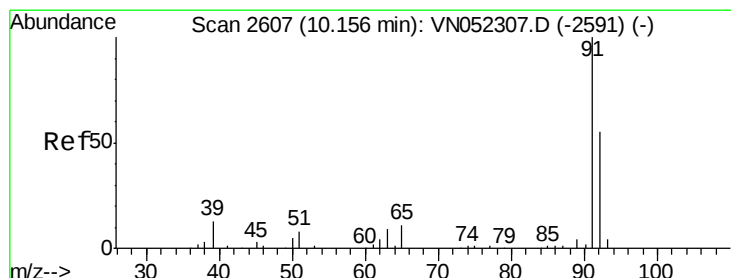
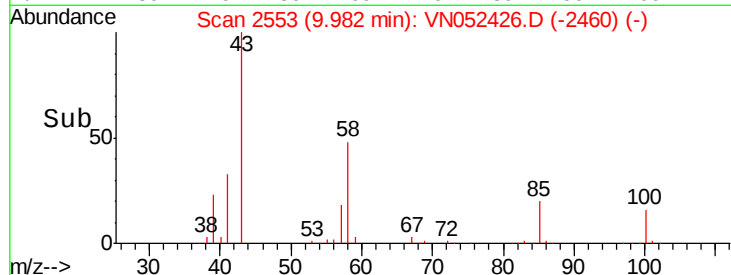
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.227 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052426.D

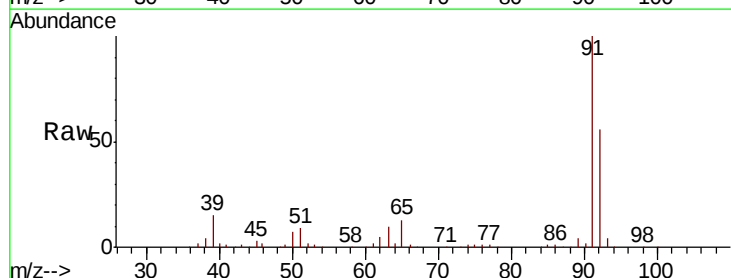
Acq: 21 Nov 2018 9:43

Tgt Ion: 92 Resp: 400882

Ion Ratio Lower Upper

92 100

91 178.3 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

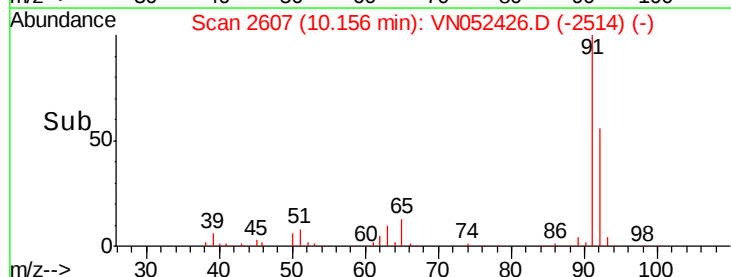
300000

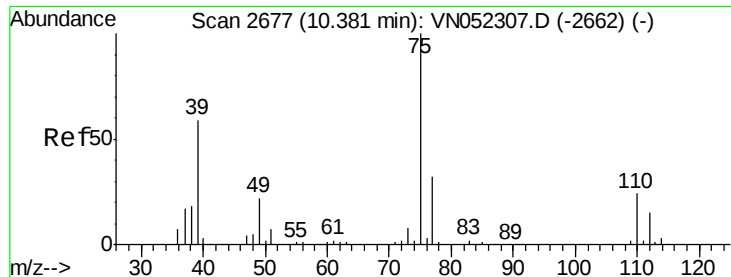
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.973 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

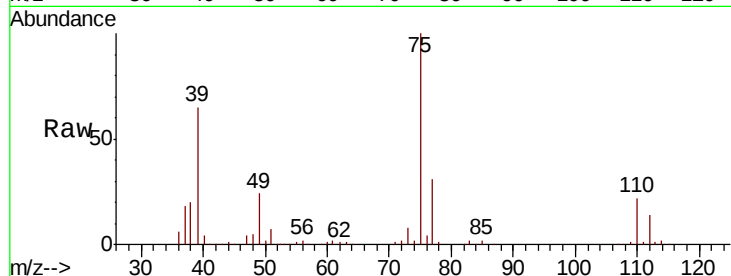
ClientSampleId :

Tot Ion: 75 Resp: 226707

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN052426.D (-2584) (-)

Ion 76.90 (76.60 to 77.60): VN052426.D (-2584) (-)

10.38

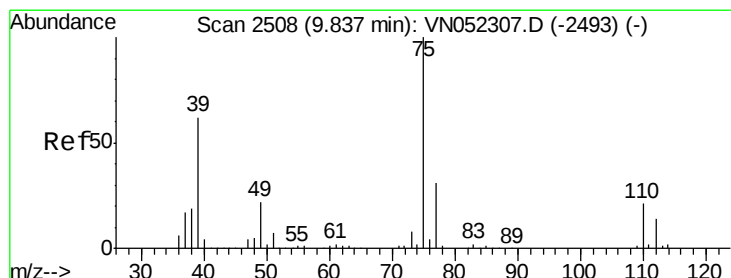
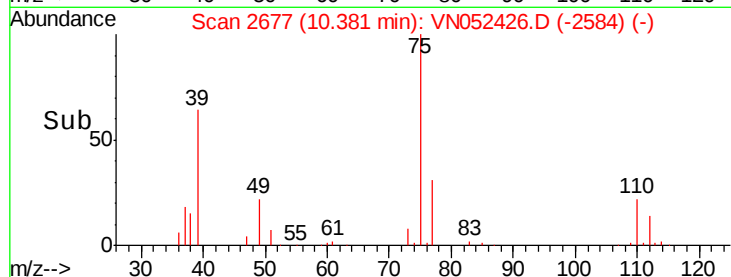
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.549 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

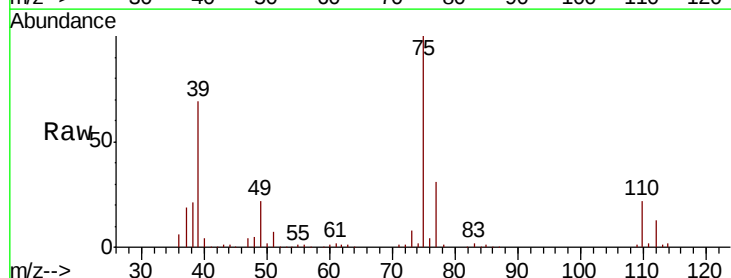
Tgt Ion: 75 Resp: 266587

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 69.1 49.9 74.9



Abundance Ion 74.90 (74.60 to 75.60): VN052426.D (-2415) (-)

Ion 76.90 (76.60 to 77.60): VN052426.D (-2415) (-)

Ion 39.00 (38.70 to 39.70): VN052426.D (-2415) (-)

9.84

200000

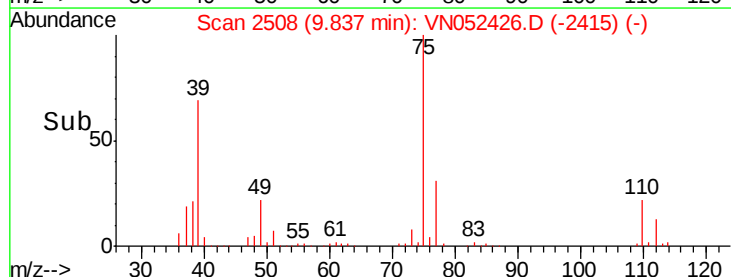
150000

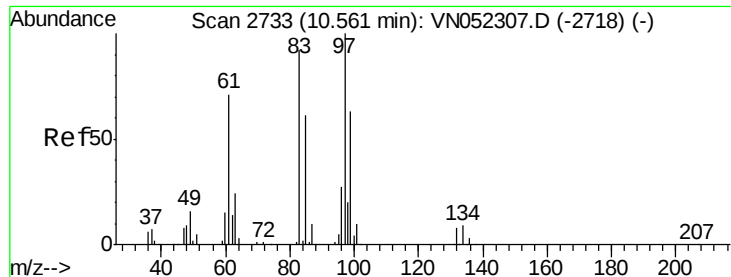
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.736 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 138120

Ion	Ratio	Lower	Upper
97	100		
83	89.7	73.8	110.6
85	59.6	49.0	73.4
99	60.5	50.5	75.7

Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

40000

20000

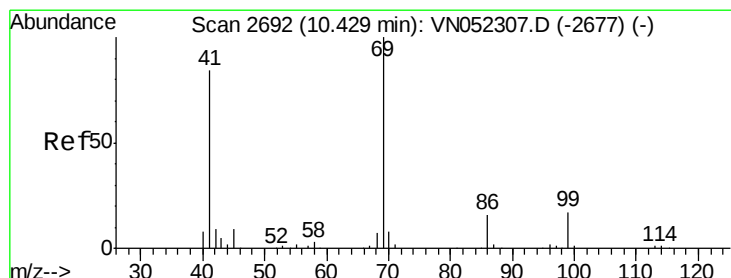
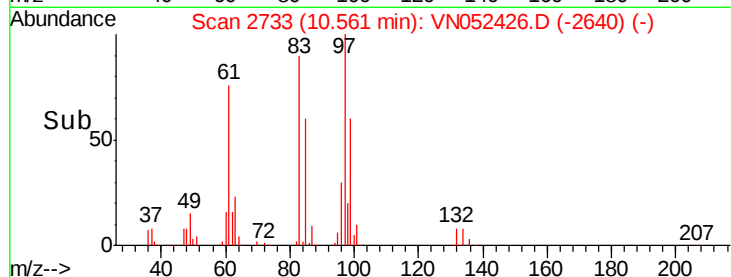
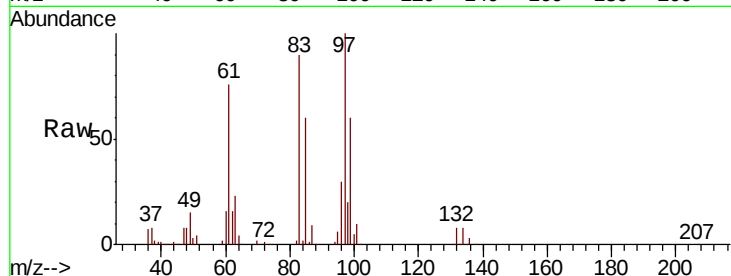
0

10.50

10.55

10.60

Time-->



#56

Ethyl methacrylate

Concen: 45.410 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Tgt Ion: 69 Resp: 172791

Ion	Ratio	Lower	Upper
69	100		
41	86.3	64.8	97.2
39	54.6	41.0	61.6

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

100000

50000

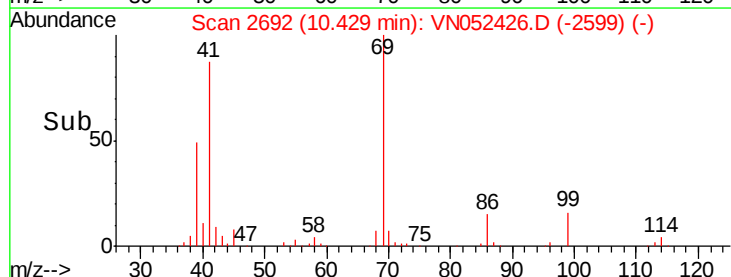
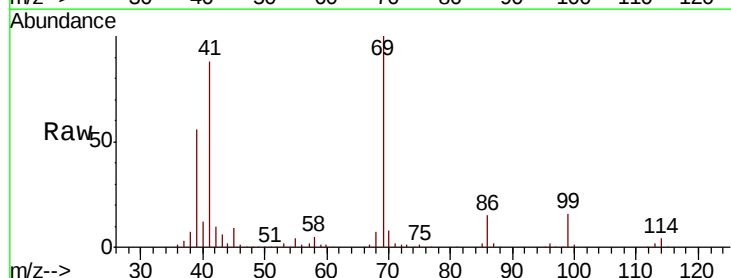
0

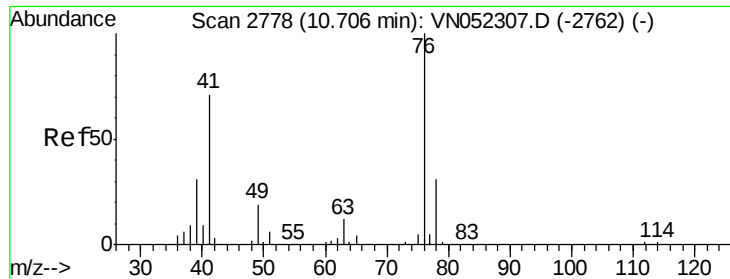
10.40

10.43

10.50

Time-->





#57

1,3-Dichloropropane

Concen: 49.274 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

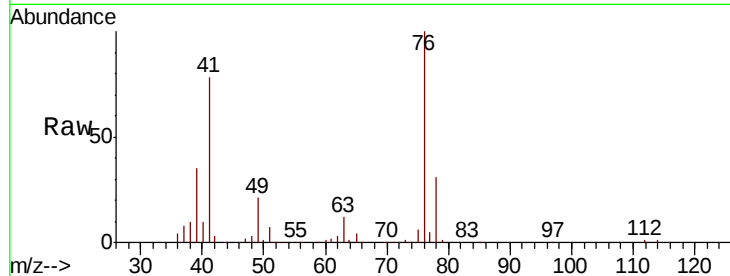
ClientSampled :

Tot Ion: 76 Resp: 252527

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN052307.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN052307.D (-2762) (-)

10.71

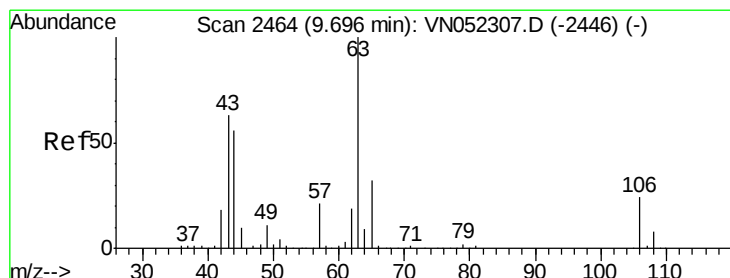
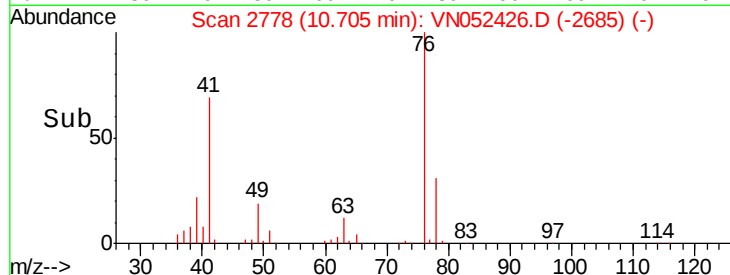
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.102 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN052426.D

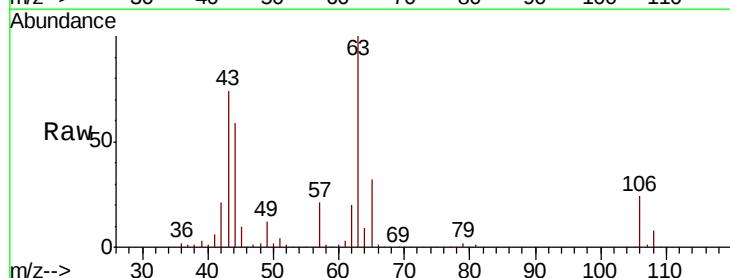
Acq: 21 Nov 2018 9:43

Tgt Ion: 63 Resp: 526649

Ion Ratio Lower Upper

63 100

106 23.3 19.3 28.9



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2446) (-)

Ion 105.90 (105.60 to 106.60): VN052307.D (-2446) (-)

9.69

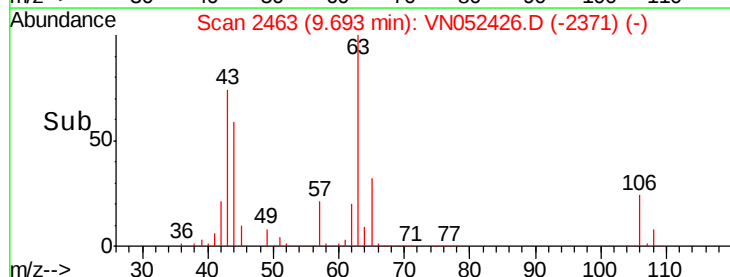
300000

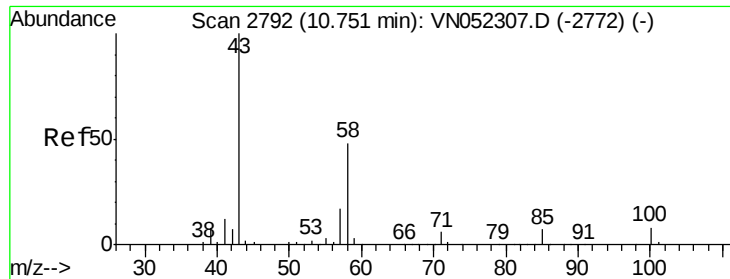
200000

100000

0

Time-->

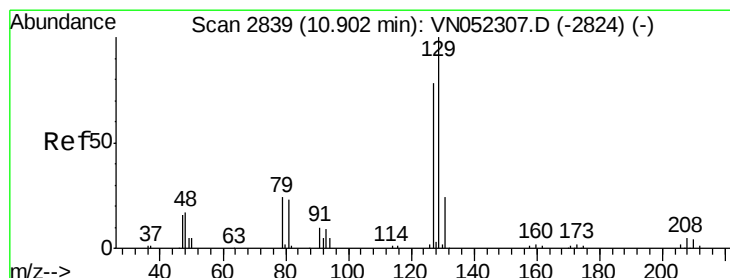
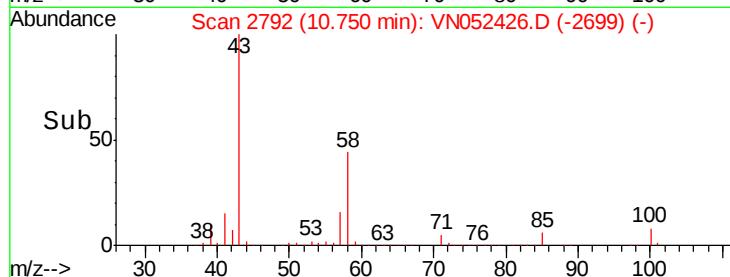
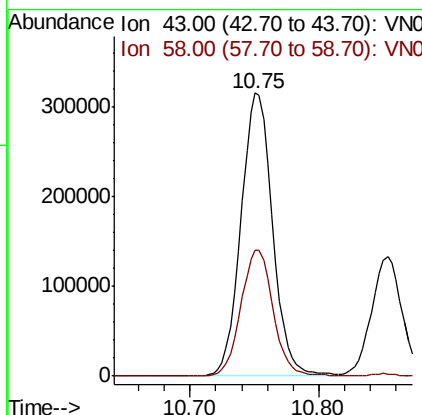
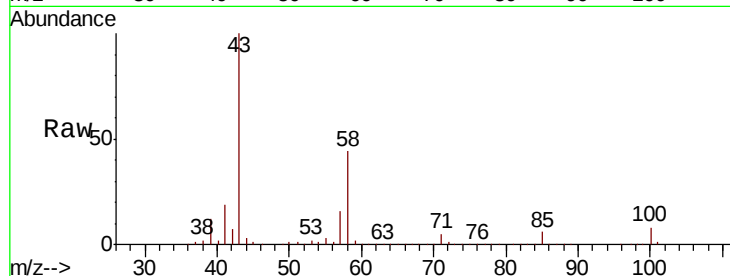




#59
2-Hexanone
Concen: 236.514 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

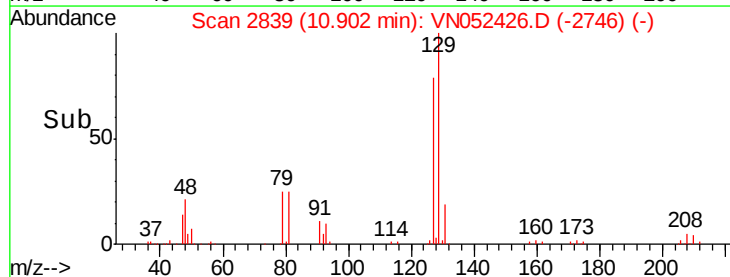
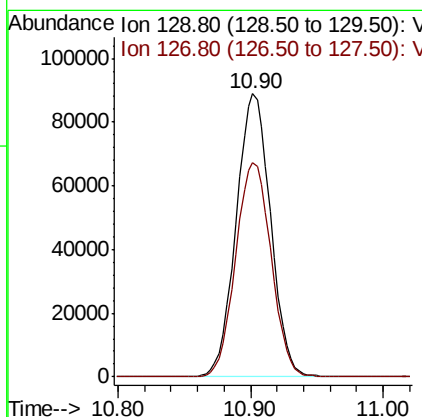
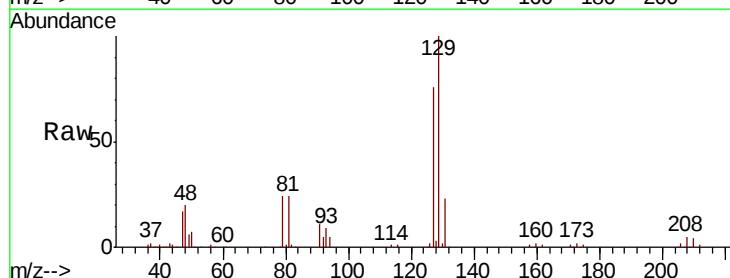
Instrument :
MSVOA_N
ClientSampleId :

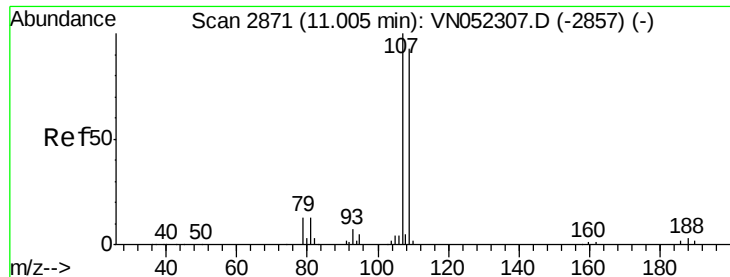
Tot Ion: 43 Resp: 535595
Ion Ratio Lower Upper
43 100
58 45.6 23.5 70.6



#60
Dibromochloromethane
Concen: 51.190 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 129 Resp: 160250
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

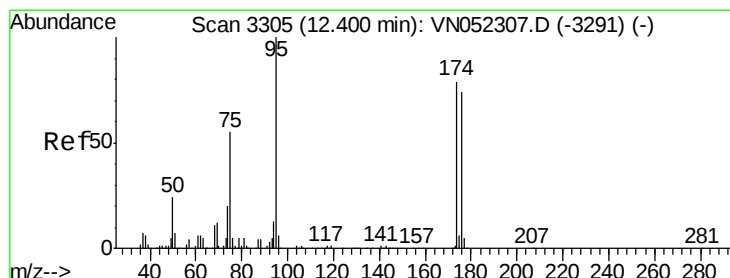
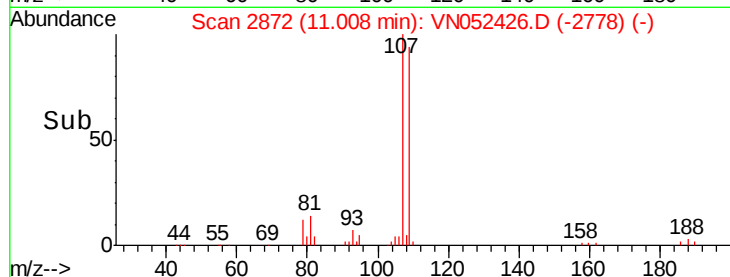
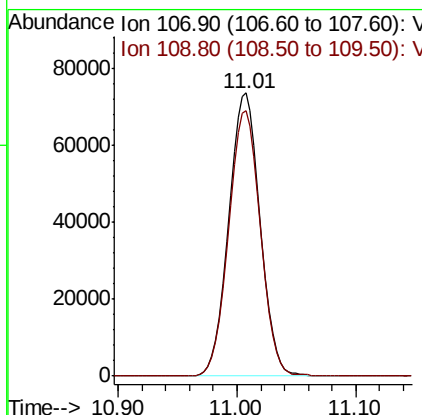
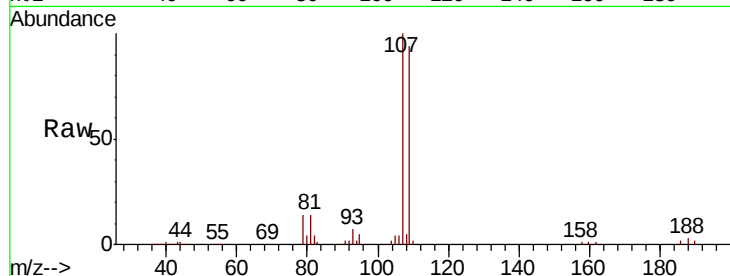




#61
 1,2-Dibromoethane
 Concen: 46.492 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

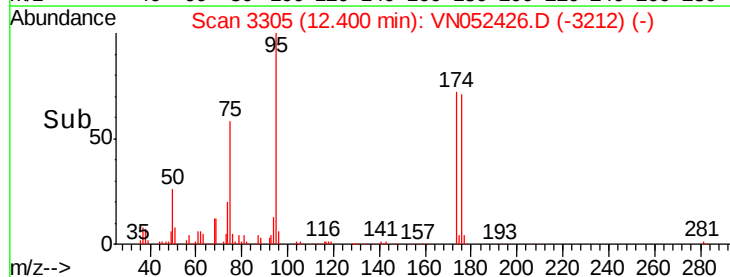
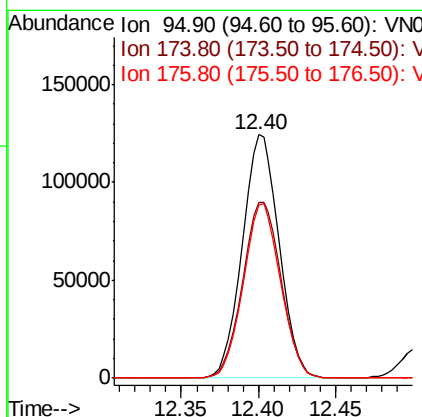
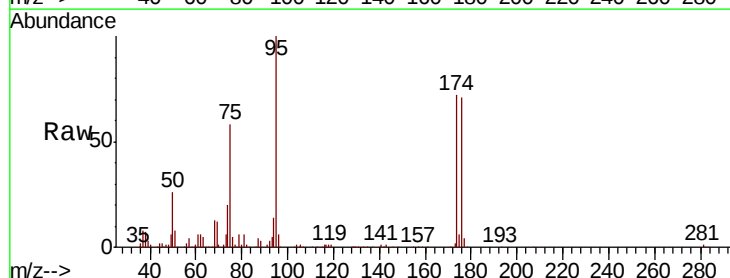
Instrument :
 MSVOA_N
 ClientSampleId :

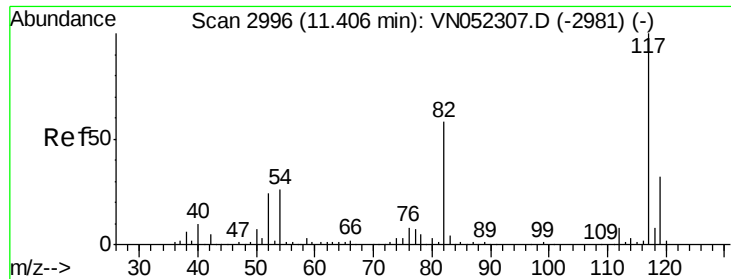
Tot Ion: 107 Resp: 133995
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 46.492 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion: 95 Resp: 205735
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 156.0
 176 72.6 0.0 148.4

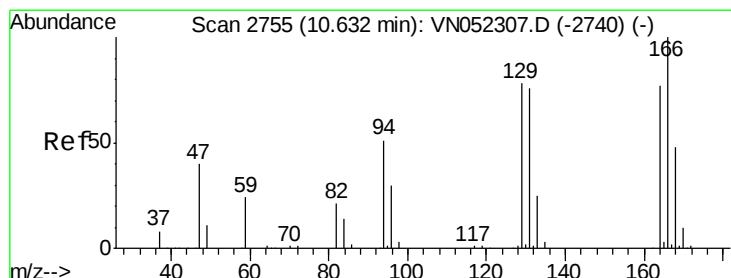
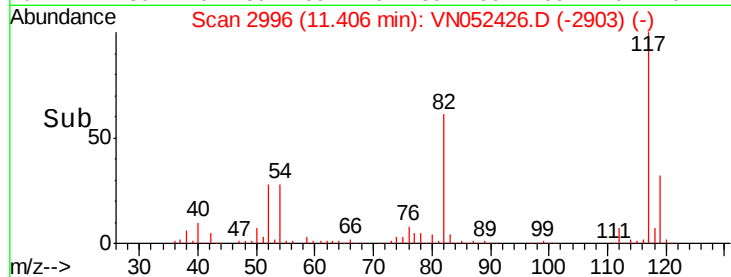
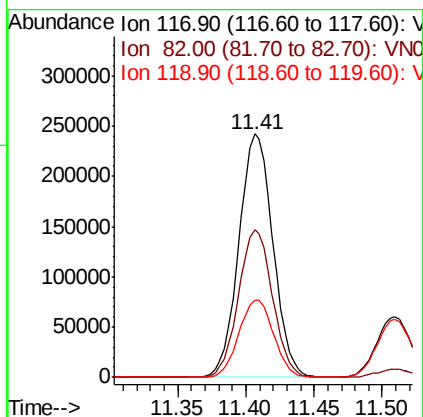
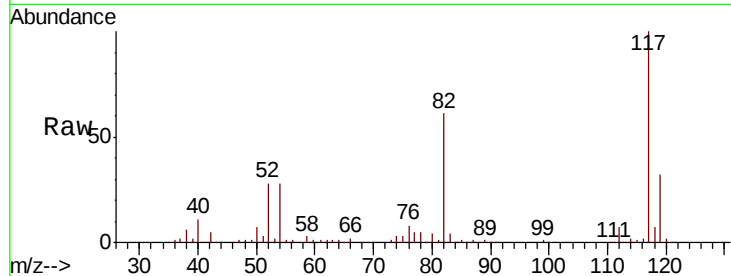




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

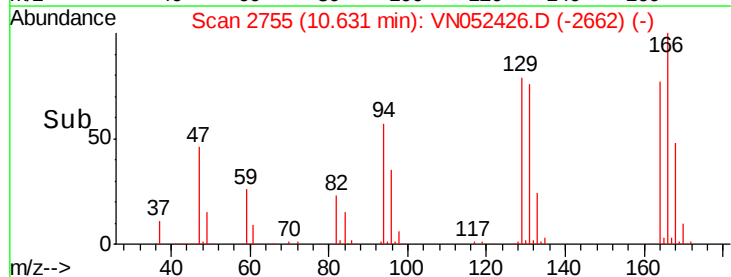
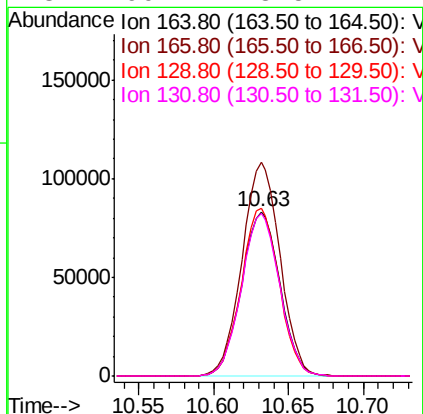
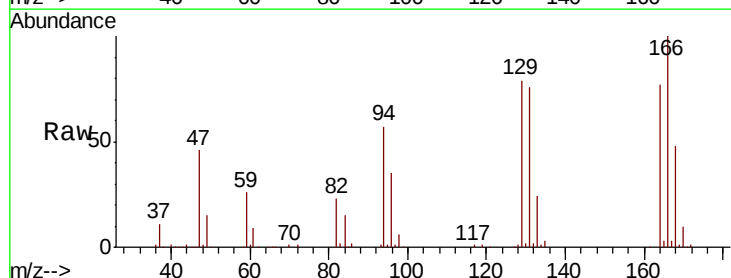
Instrument :
MSVOA_N
ClientSampleId :

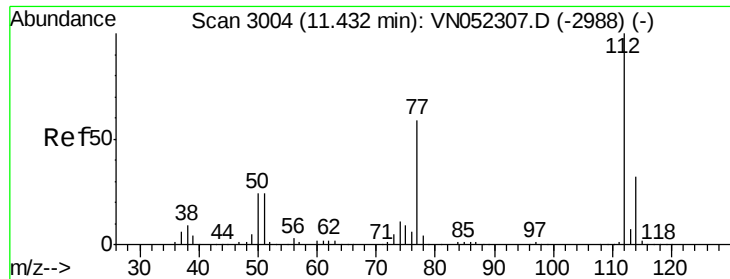
Tot Ion:117 Resp: 420370
Ion Ratio Lower Upper
117 100
82 60.7 46.5 69.7
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 49.793 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion:164 Resp: 148810
Ion Ratio Lower Upper
164 100
166 130.0 103.8 155.6
129 102.2 80.7 121.1
131 99.1 78.5 117.7

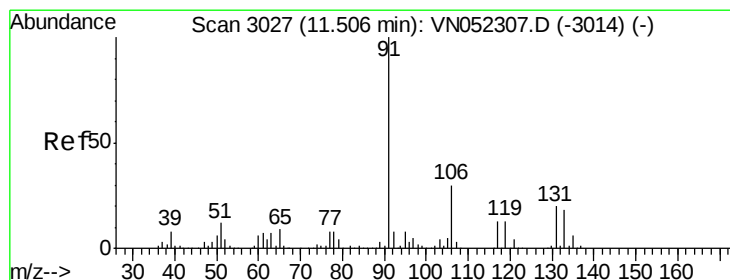
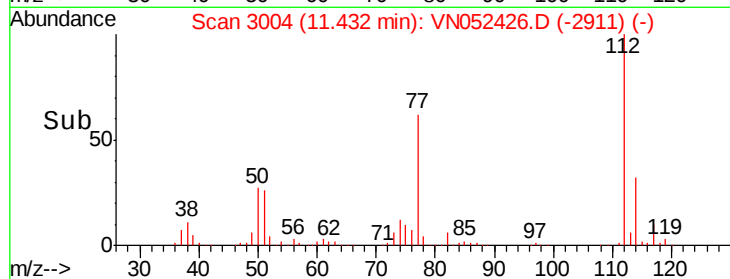
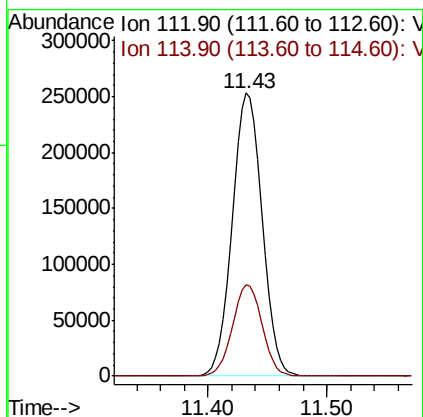
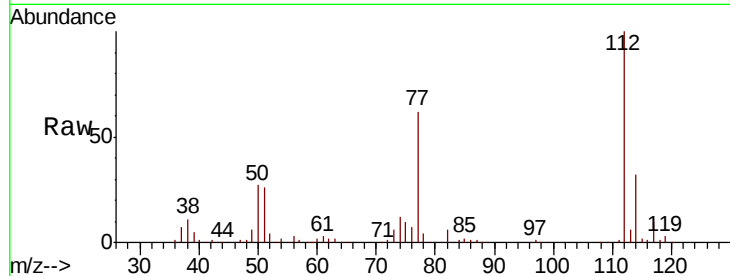




#65
Chlorobenzene
Concen: 49.657 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

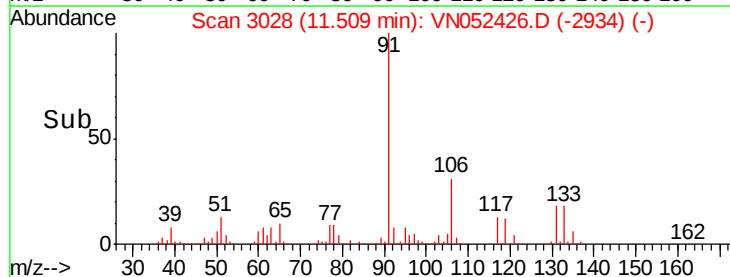
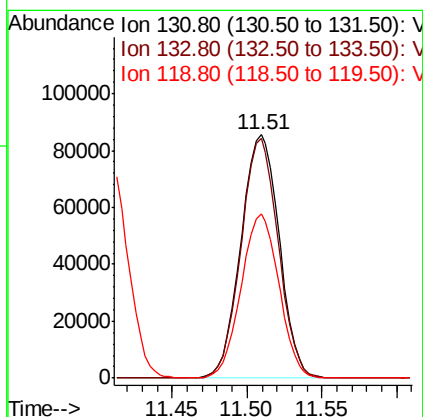
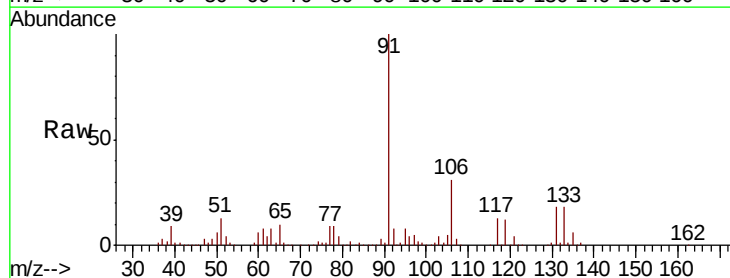
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 441230
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.463 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion:131 Resp: 152903
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.3
119 66.6 33.3 99.9

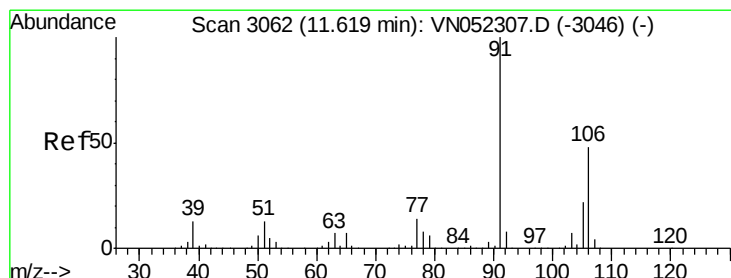
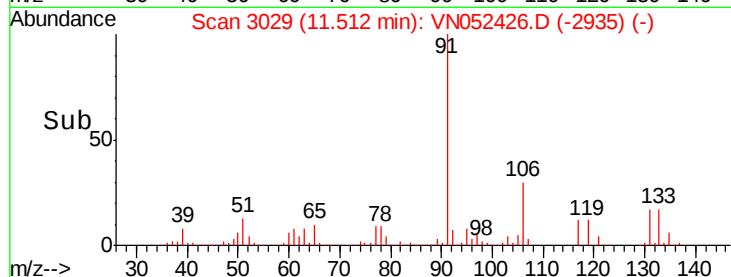
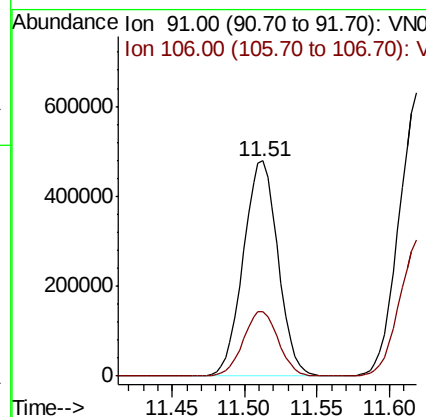
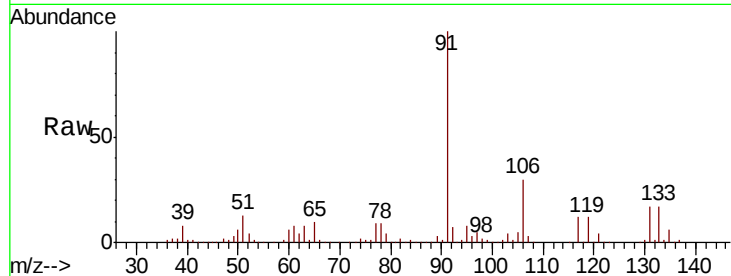




#67
Ethyl Benzene
Concen: 51.685 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

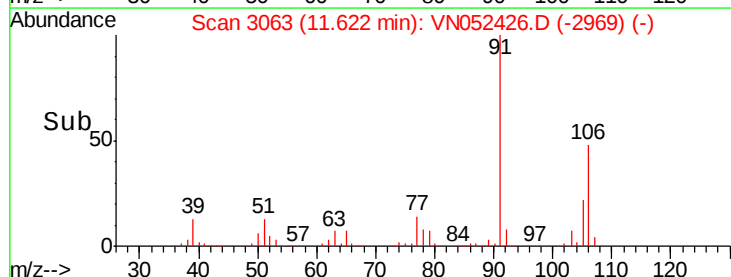
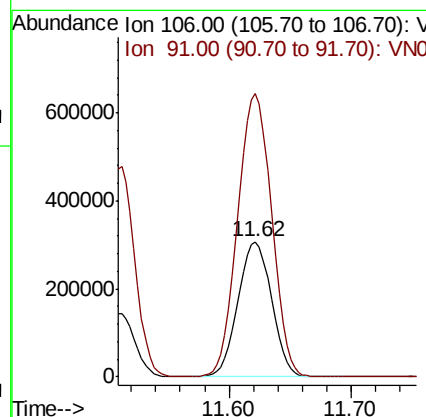
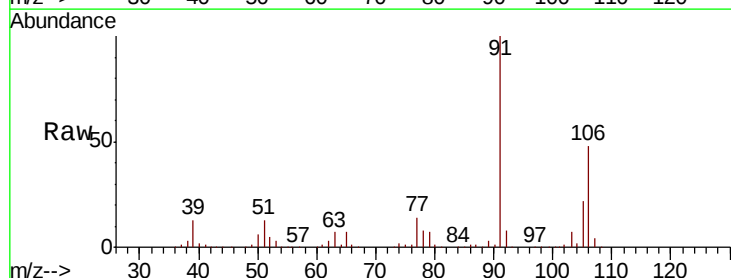
Instrument :
MSVOA_N
ClientSampled :

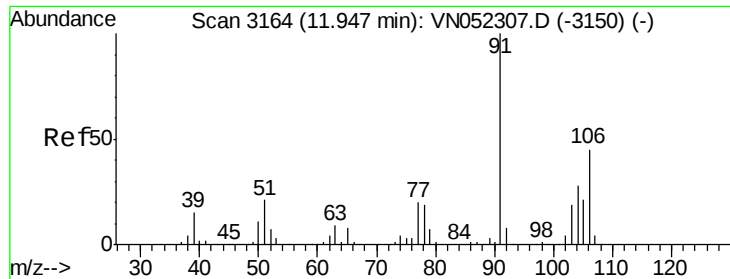
Tot Ion: 91 Resp: 797090
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2



#68
m/p-Xylenes
Concen: 104.336 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion: 106 Resp: 587914
Ion Ratio Lower Upper
106 100
91 211.2 165.5 248.3

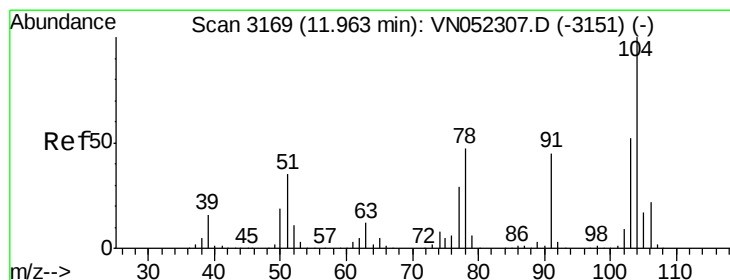
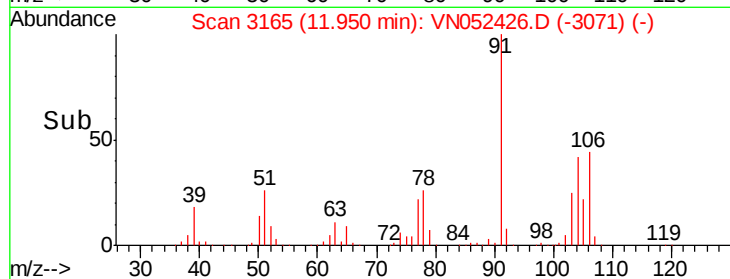
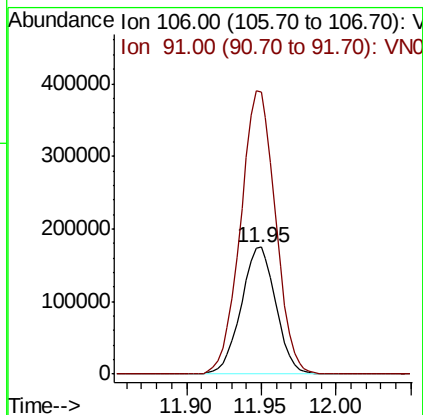
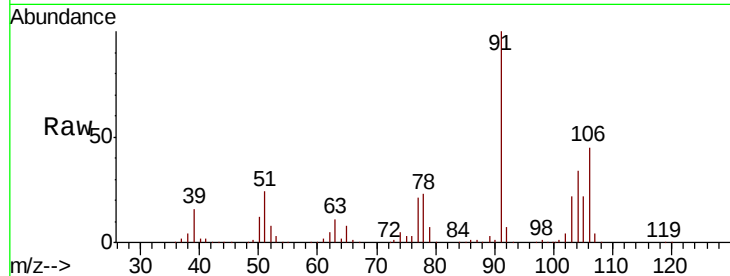




#69
o-Xylene
Concen: 52.199 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

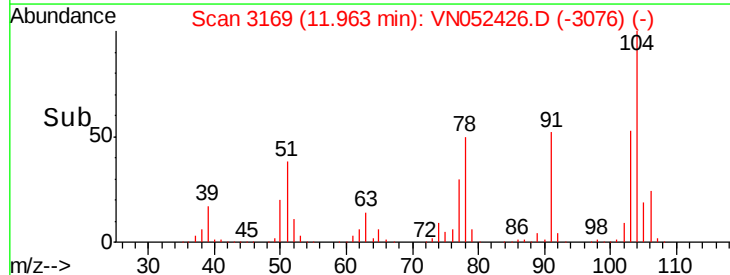
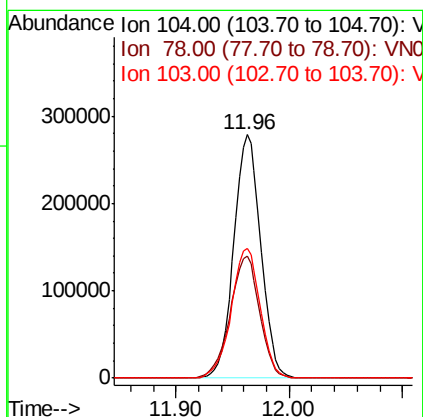
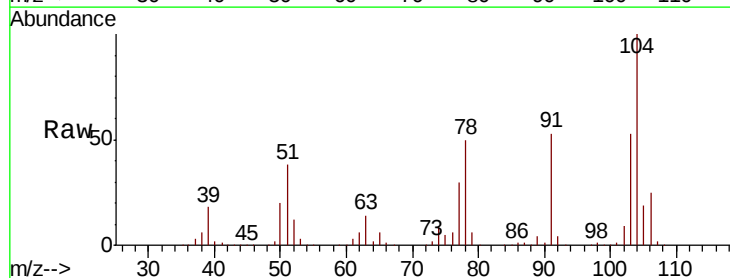
Instrument :
MSVOA_N
ClientSampled :

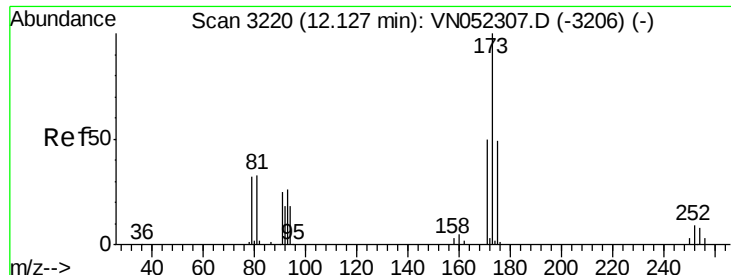
Tot Ion:106 Resp: 281947
Ion Ratio Lower Upper
106 100
91 224.7 110.0 330.0



#70
Styrene
Concen: 53.415 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion:104 Resp: 461975
Ion Ratio Lower Upper
104 100
78 54.9 42.7 64.1
103 57.2 45.4 68.0

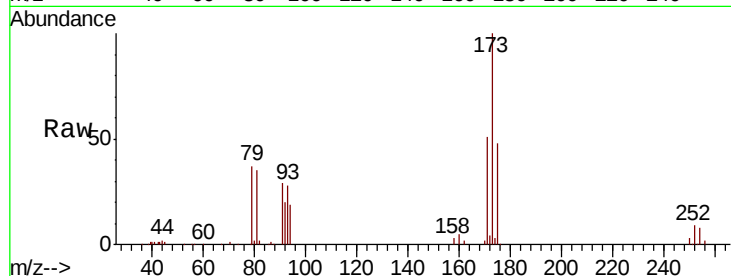




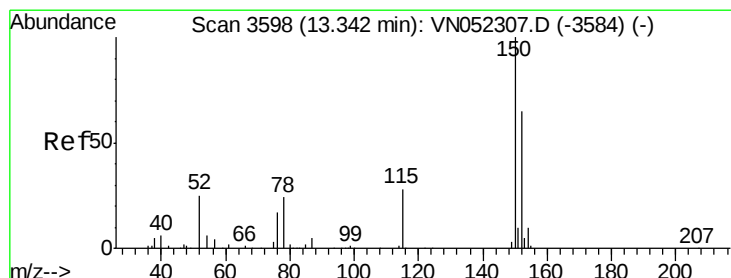
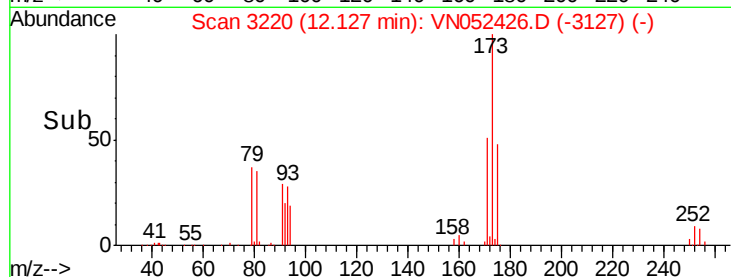
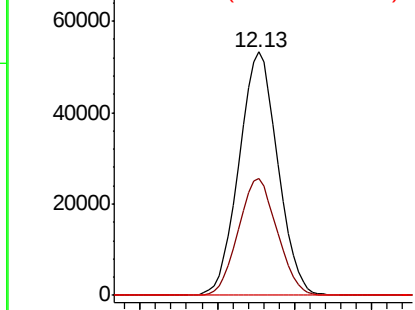
#71
Bromoform
Concen: 51.815 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 92698
Ion Ratio Lower Upper
173 100
175 48.1 25.0 75.0
254 0.0 0.0 0.0

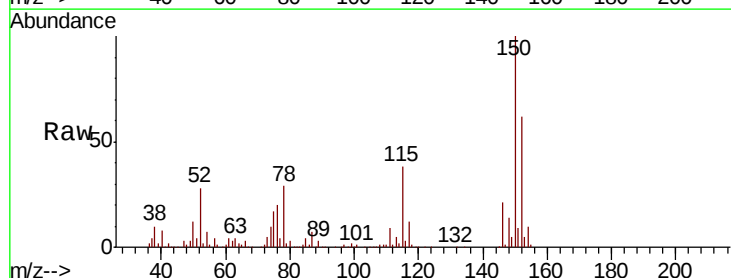


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

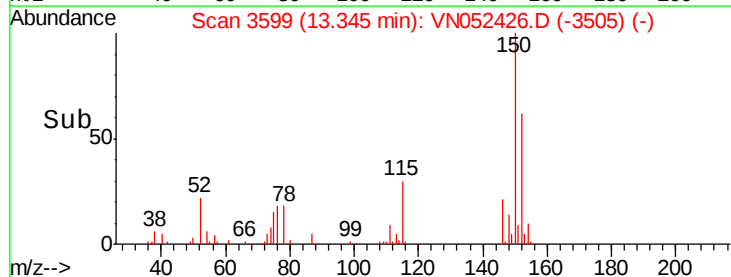
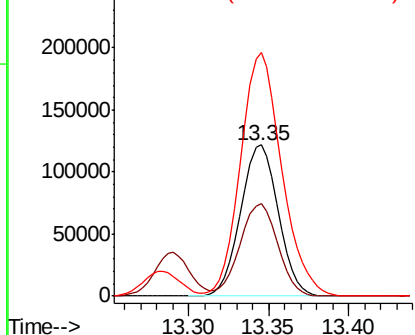


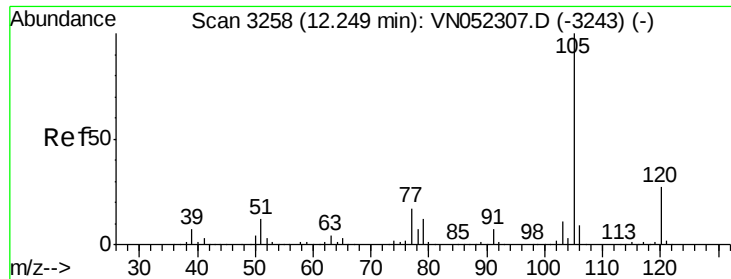
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion:152 Resp: 195851
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 175.7 0.0 348.2



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





#73

Isopropylbenzene

Concen: 49.764 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

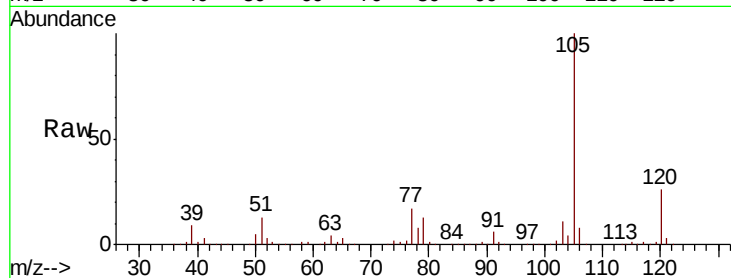
ClientSampled :

Tot Ion:105 Resp: 783607

Ion Ratio Lower Upper

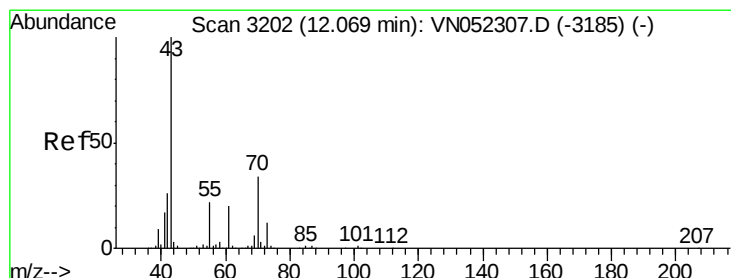
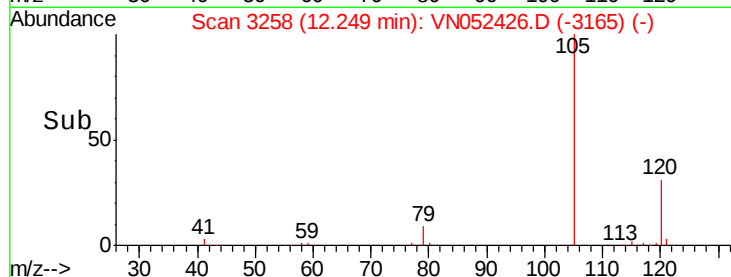
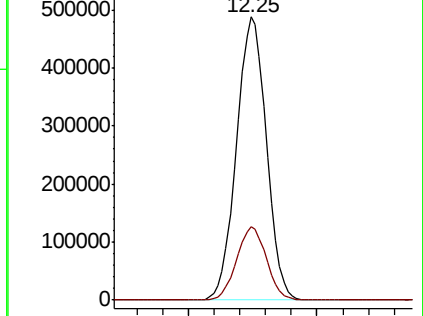
105 100

120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.820 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Tgt Ion: 43 Resp: 228937

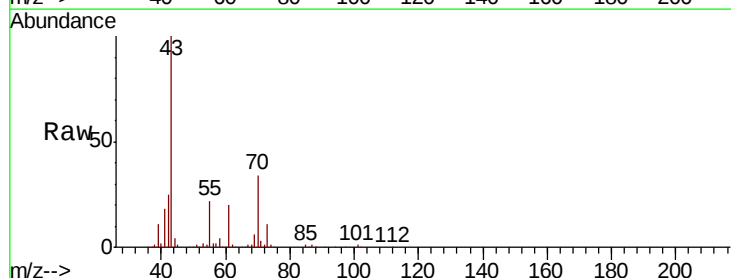
Ion Ratio Lower Upper

43 100

70 34.5 27.1 40.7

55 22.5 17.4 26.0

61 20.1 16.1 24.1

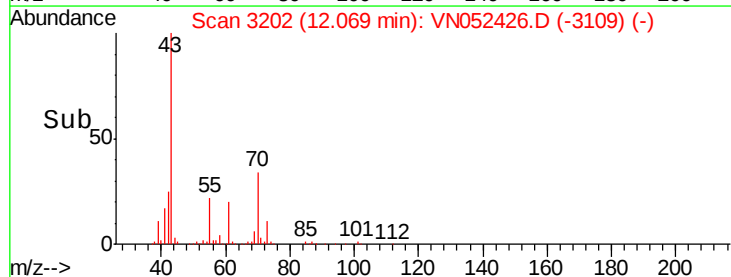
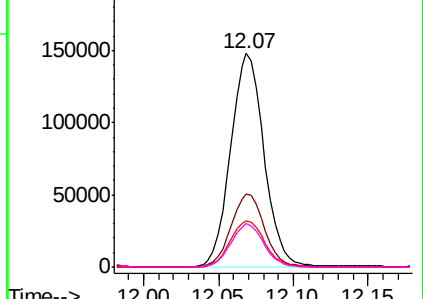


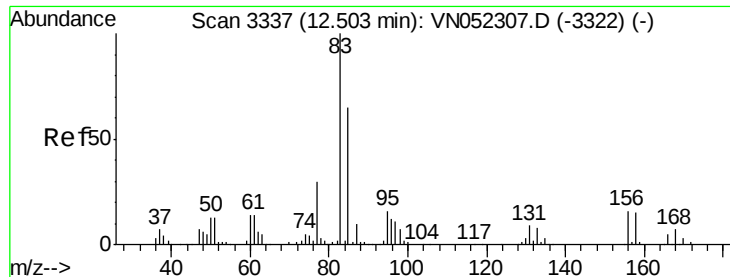
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.370 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

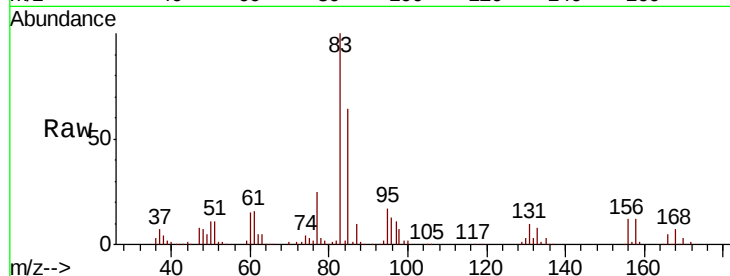
Tot Ion: 83 Resp: 165086

Ion Ratio Lower Upper

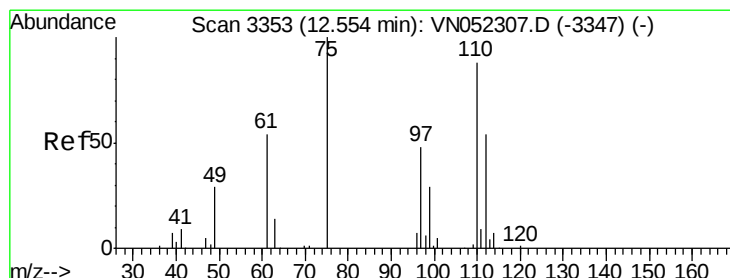
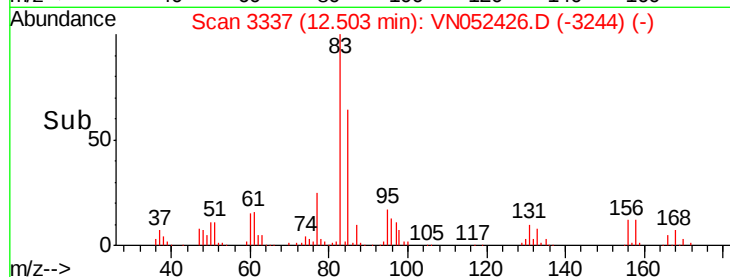
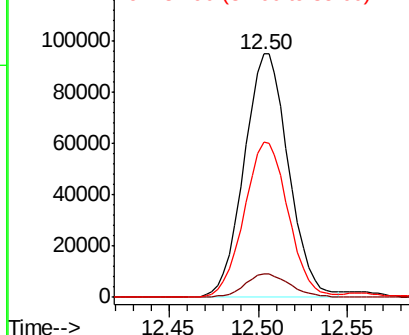
83 100

131 9.9 4.7 14.1

85 63.2 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 66.254 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052426.D

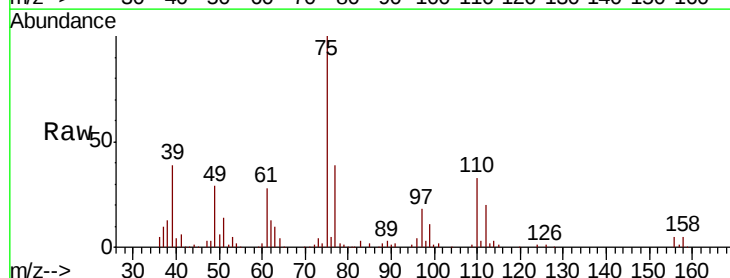
Acq: 21 Nov 2018 9:43

Tgt Ion: 75 Resp: 220178

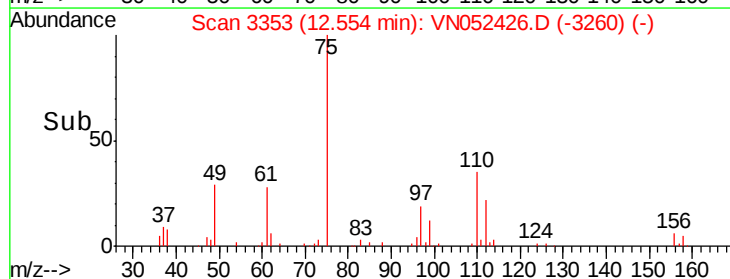
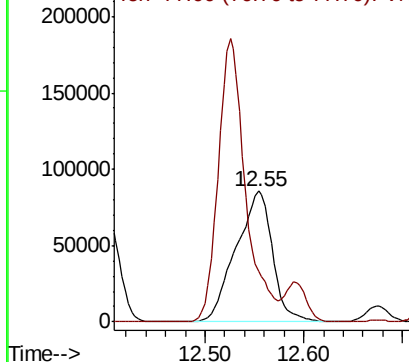
Ion Ratio Lower Upper

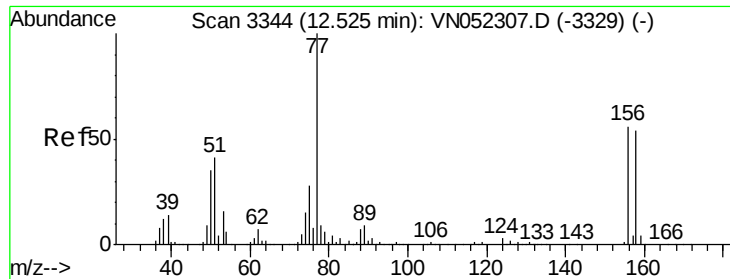
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 47.060 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

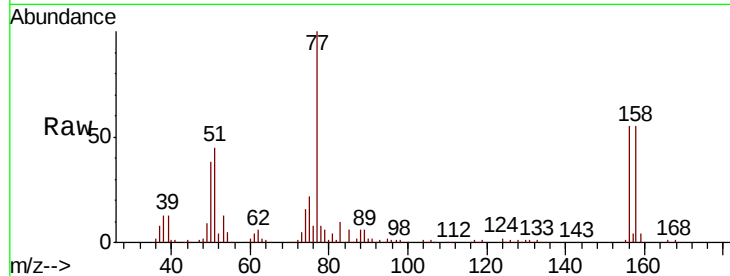
Tot Ion:156 Resp: 172419

Ion Ratio Lower Upper

156 100

77 208.5 103.6 310.9

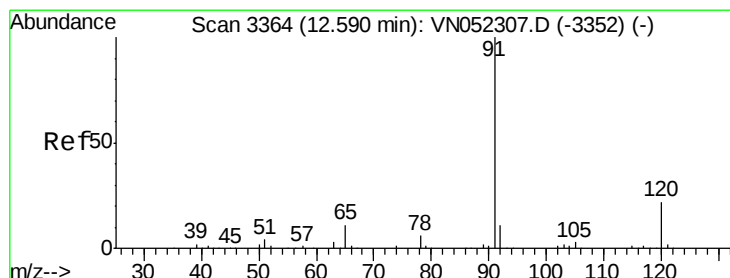
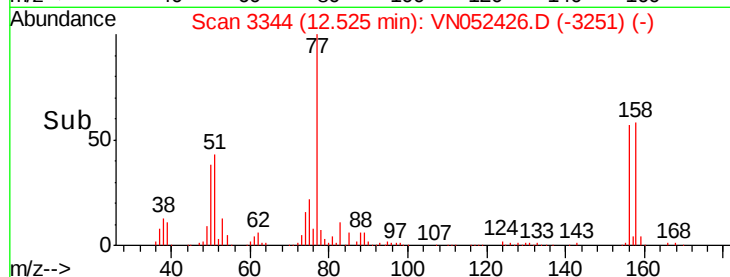
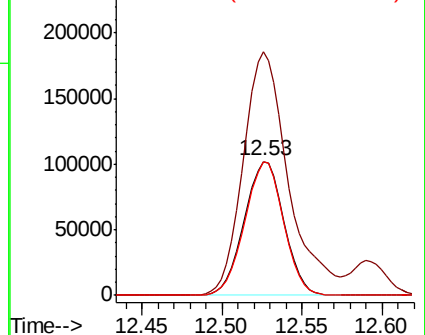
158 97.9 48.1 144.4



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: 51.084 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052426.D

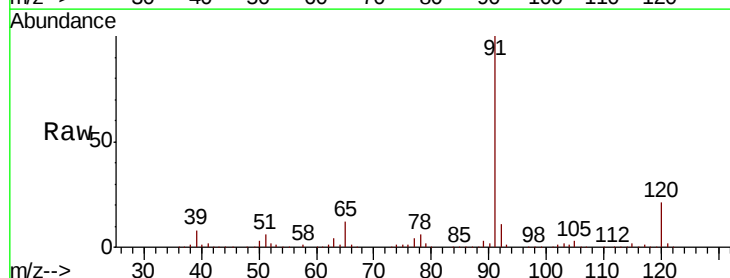
Acq: 21 Nov 2018 9:43

Tgt Ion: 91 Resp: 940749

Ion Ratio Lower Upper

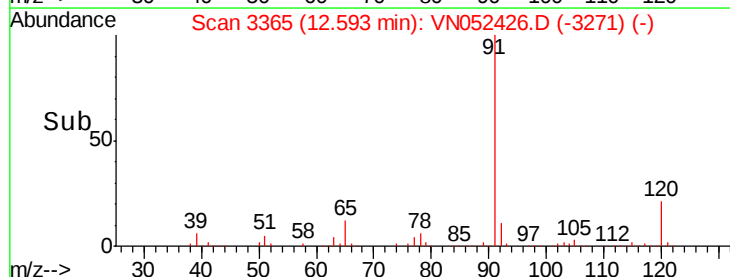
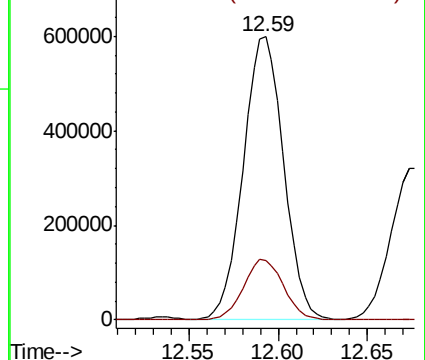
91 100

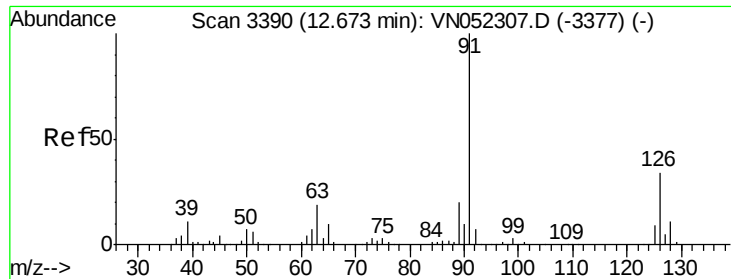
120 21.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

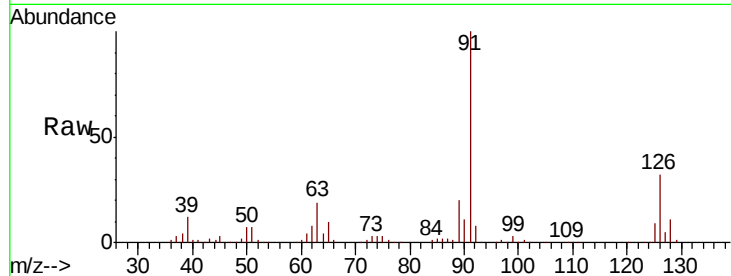




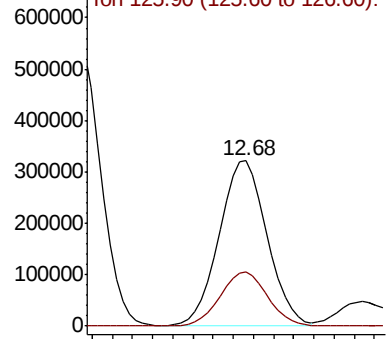
#79
 2-Chlorotoluene
 Concen: 49.525 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Instrument :
 MSVOA_N
 ClientSampled :

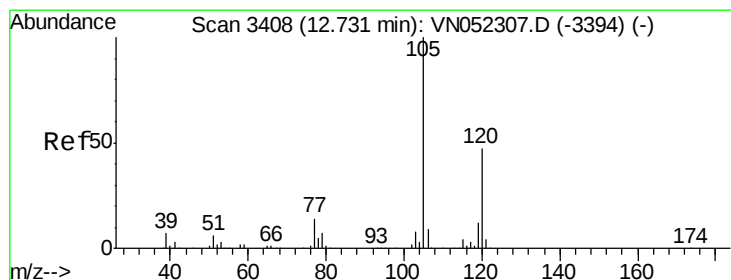
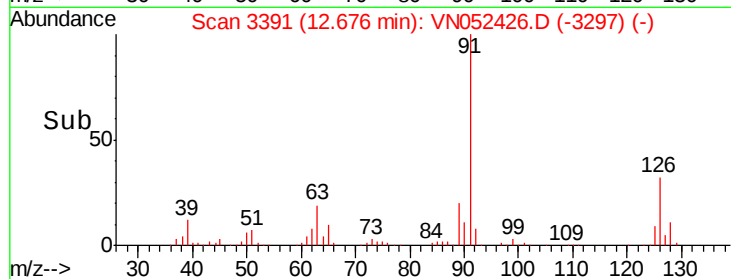
Tot Ion: 91 Resp: 532793
 Ion Ratio Lower Upper
 91 100
 126 32.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

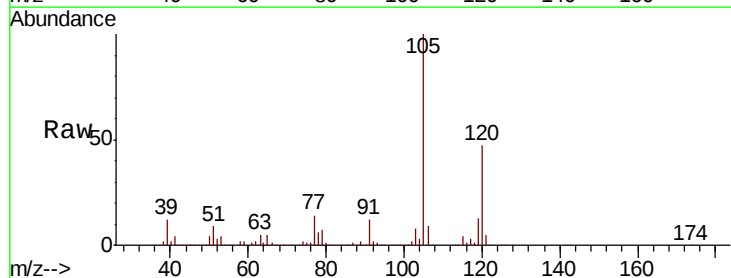


Time--> 12.60 12.65 12.70

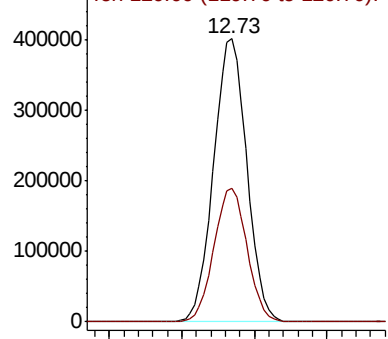


#80
 1,3,5-Trimethylbenzene
 Concen: 50.989 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

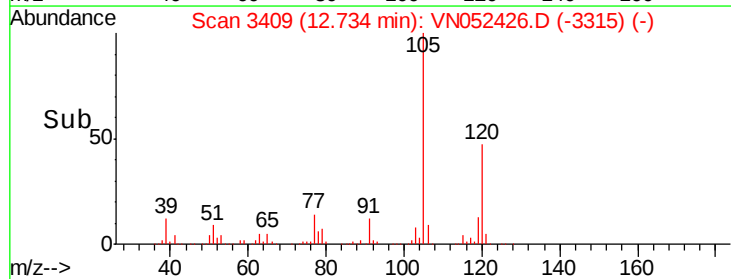
Tgt Ion: 105 Resp: 638483
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1

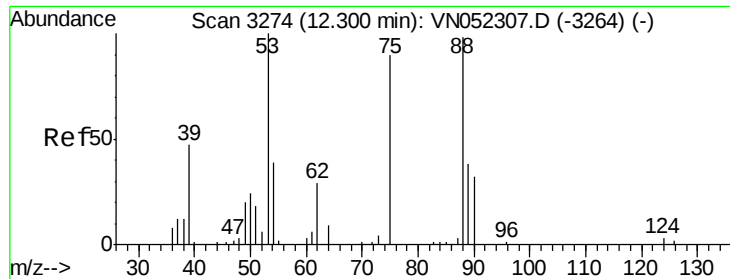


Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)



Time--> 12.65 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 43.870 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

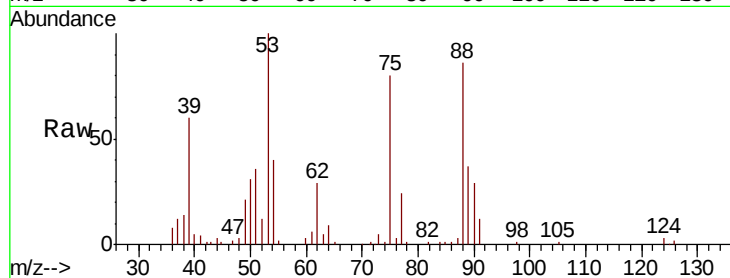
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 44950

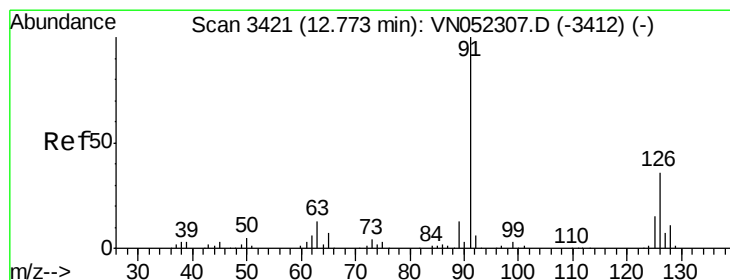
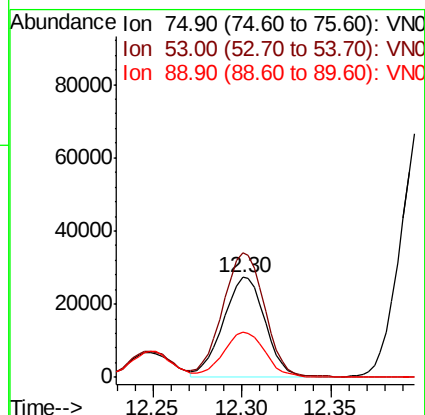
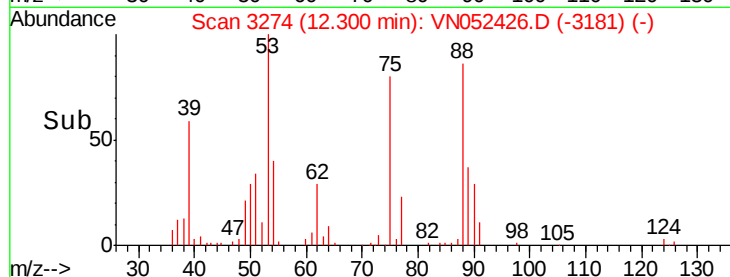
Ion	Ratio	Lower	Upper
75	100		
53	125.1	90.2	135.2
89	45.1	35.4	53.0



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: 49.988 ug/l

RT: 12.77 min Scan# 3421

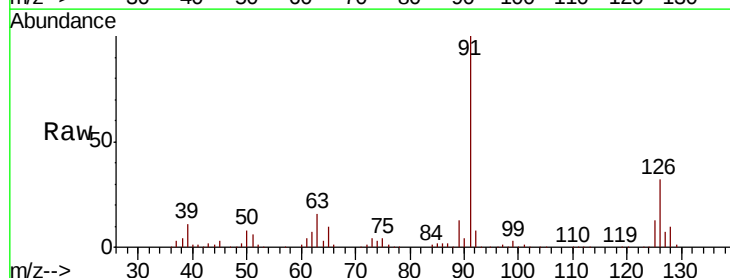
Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

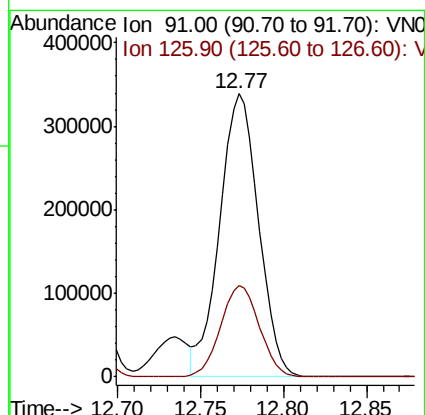
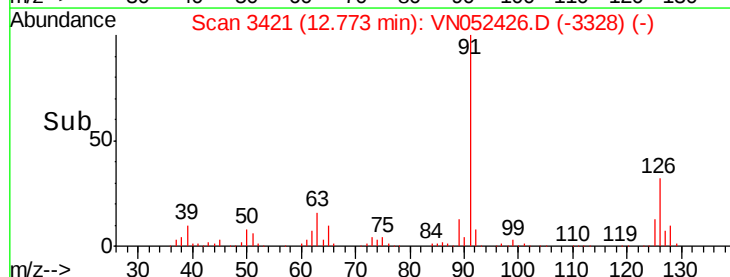
Tgt Ion: 91 Resp: 550962

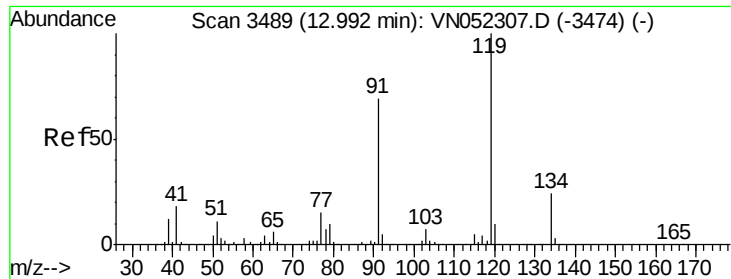
Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.0	50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

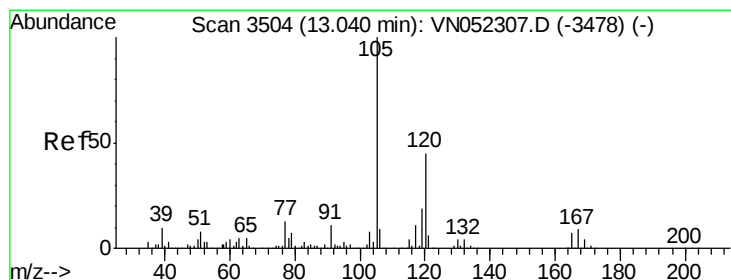
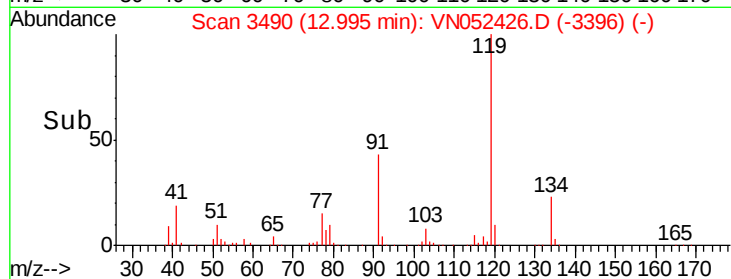
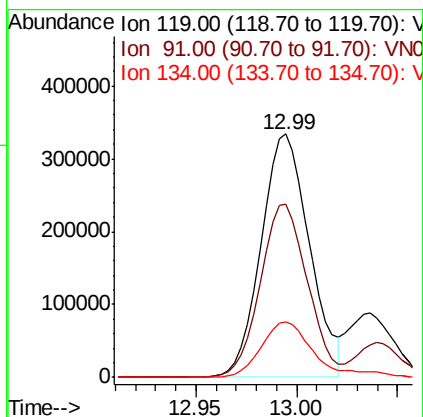
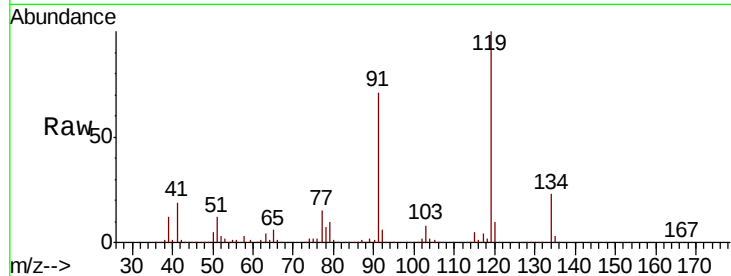




#83
tert-Butylbenzene
Concen: 50.521 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

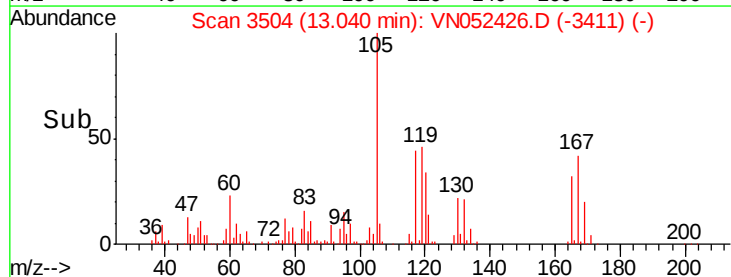
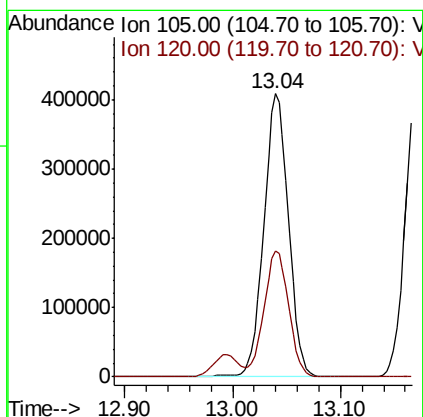
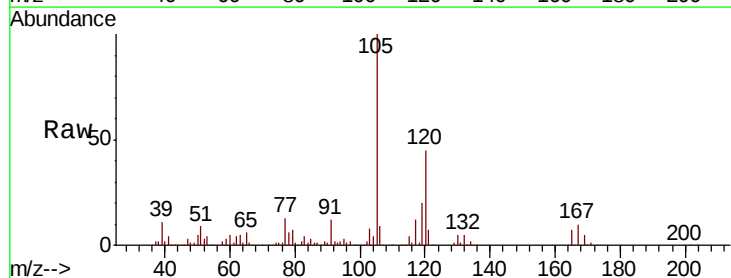
Instrument :
MSVOA_N
ClientSampled :

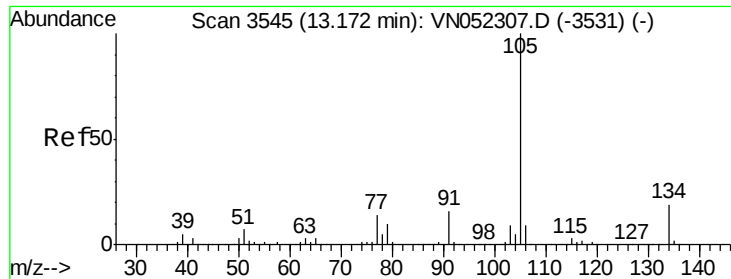
Tot Ion:119 Resp: 558515
Ion Ratio Lower Upper
119 100
91 69.7 33.8 101.3
134 25.0 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 51.421 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052426.D
Acq: 21 Nov 2018 9:43

Tgt Ion:105 Resp: 646398
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 51.725 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

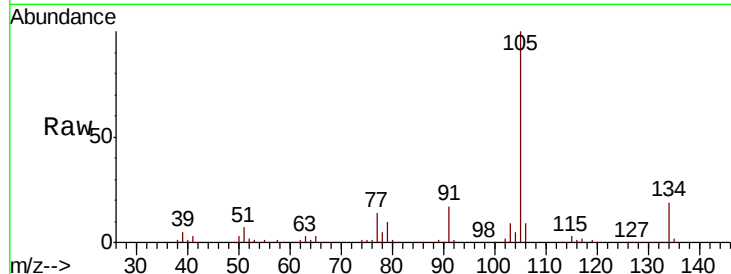
ClientSampled :

Tot Ion:105 Resp: 778946

Ion Ratio Lower Upper

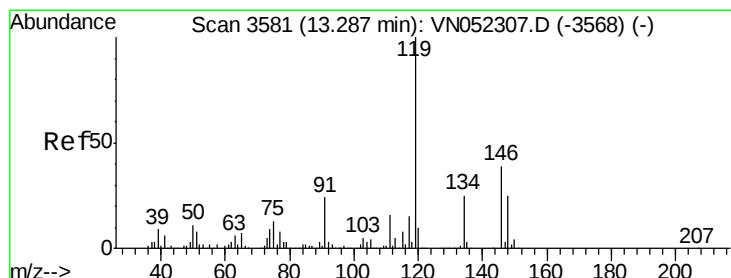
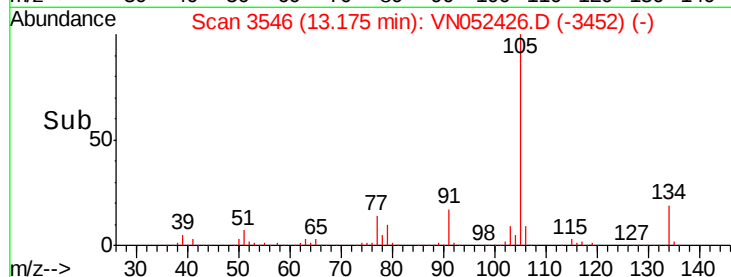
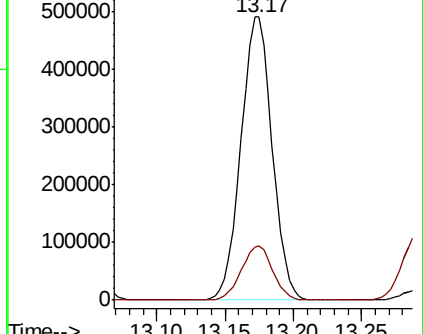
105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.085 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

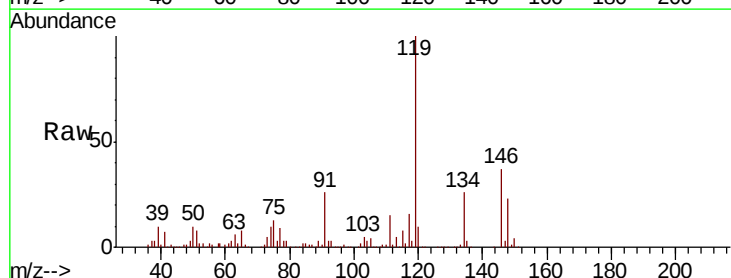
Tgt Ion:119 Resp: 664425

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

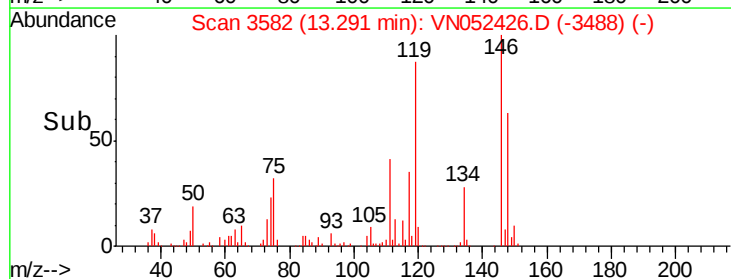
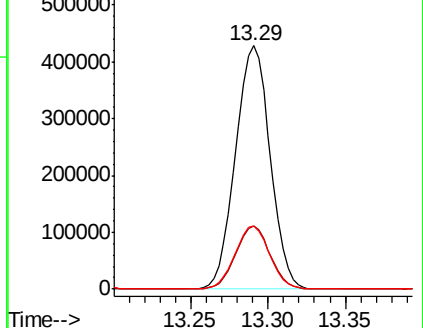
91 25.6 12.4 37.0

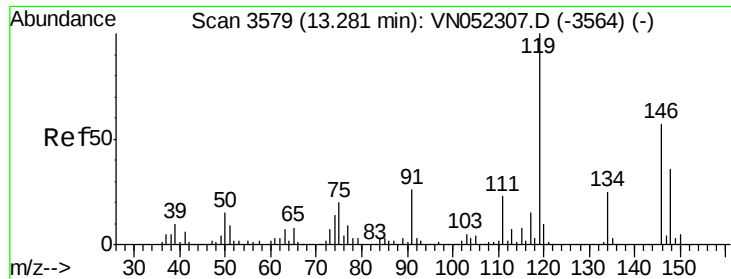


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.445 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

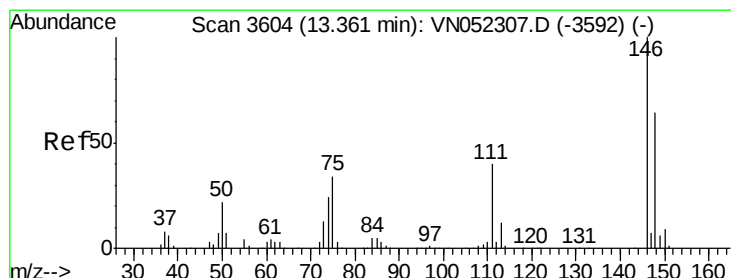
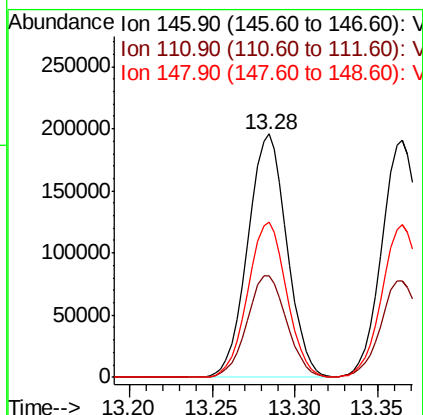
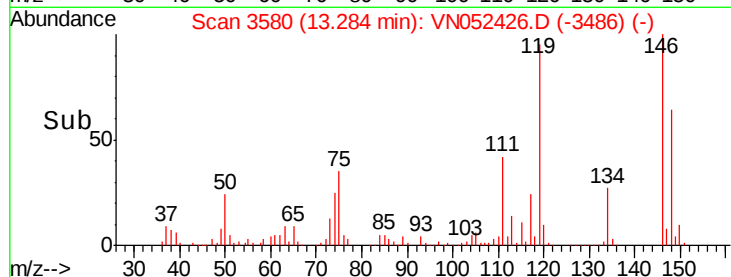
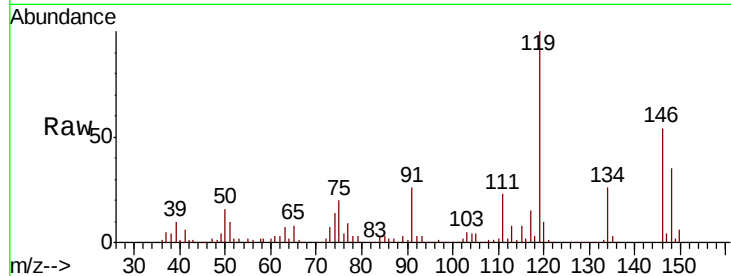
Tot Ion:146 Resp: 321737

Ion Ratio Lower Upper

146 100

111 42.1 20.3 61.0

148 63.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.163 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

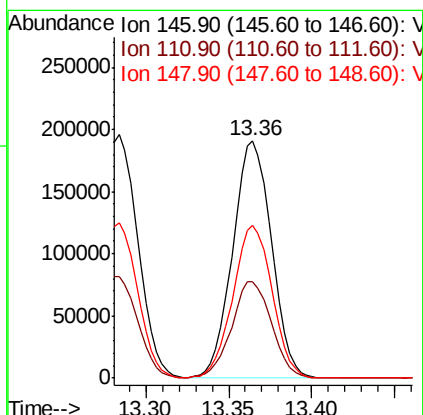
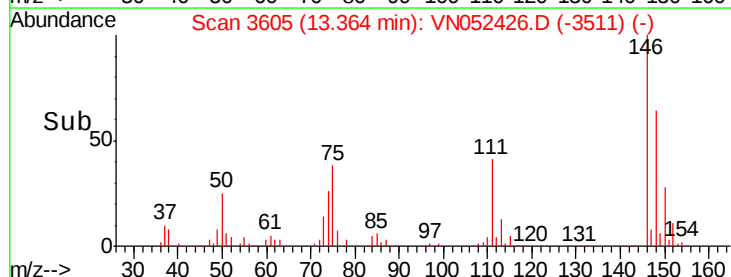
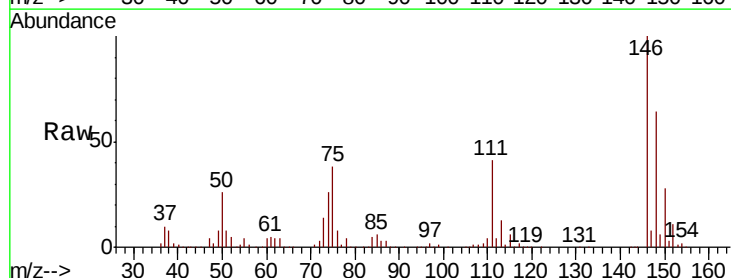
Tgt Ion:146 Resp: 311573

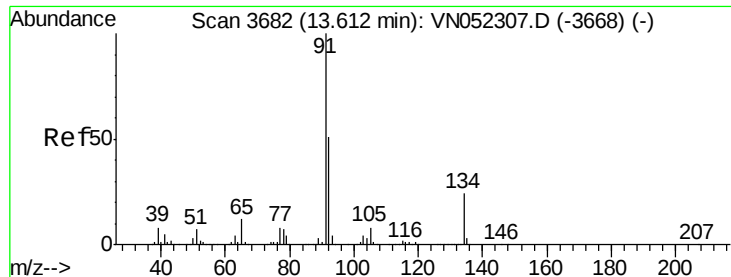
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 55.226 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

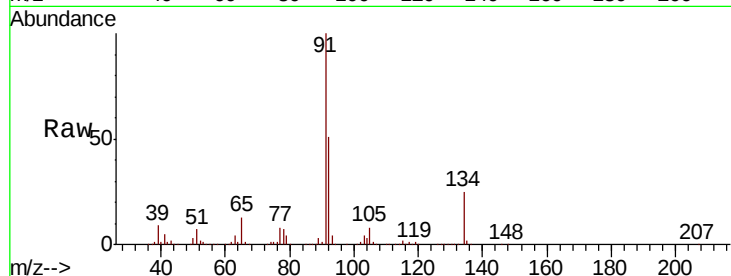
Tot Ion: 91 Resp: 605075

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.2

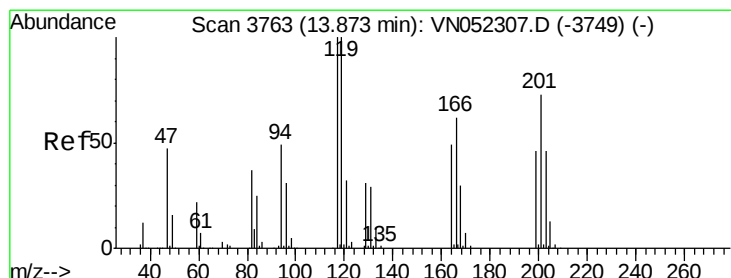
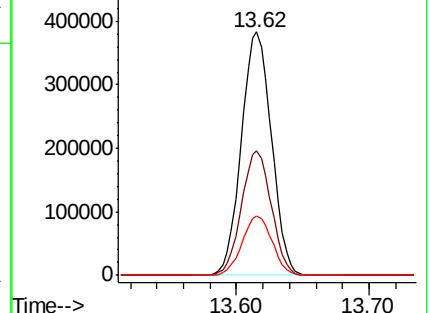
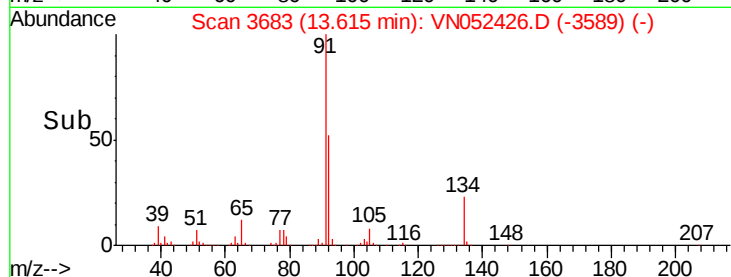
134 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)



#90

Hexachloroethane

Concen: 52.010 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052426.D

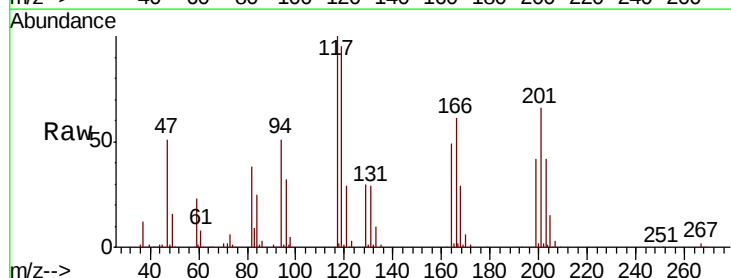
Acq: 21 Nov 2018 9:43

Tgt Ion: 117 Resp: 117514

Ion Ratio Lower Upper

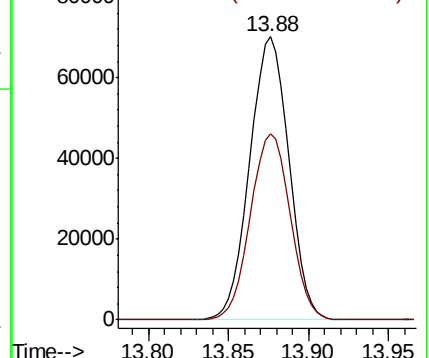
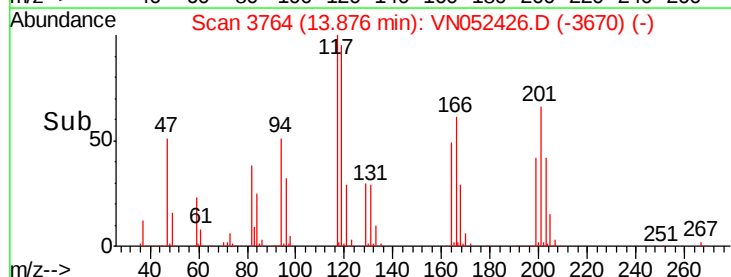
117 100

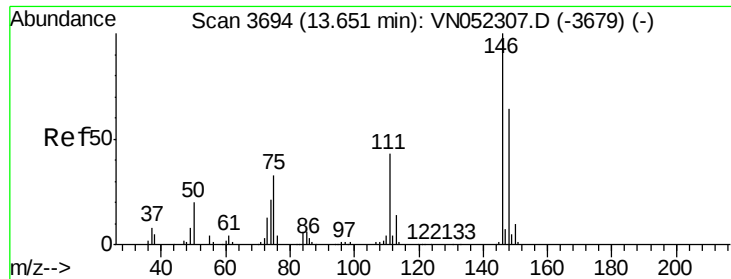
201 66.8 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)

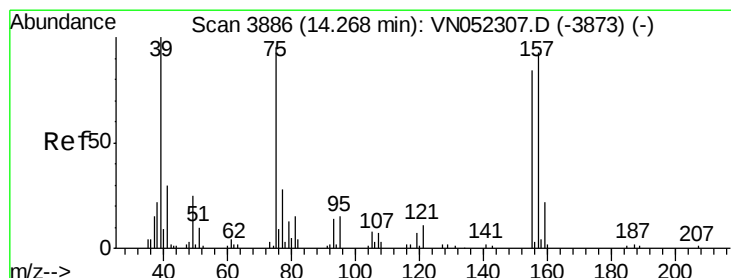
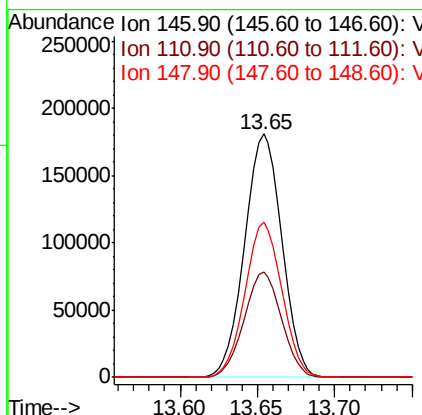
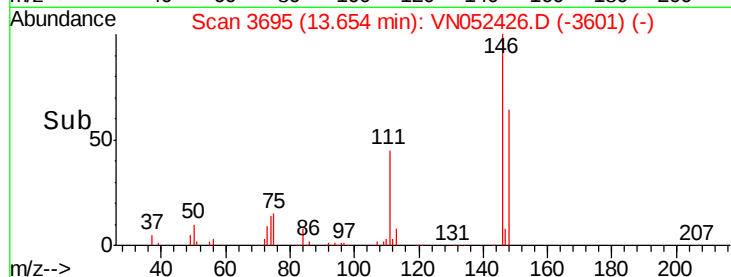
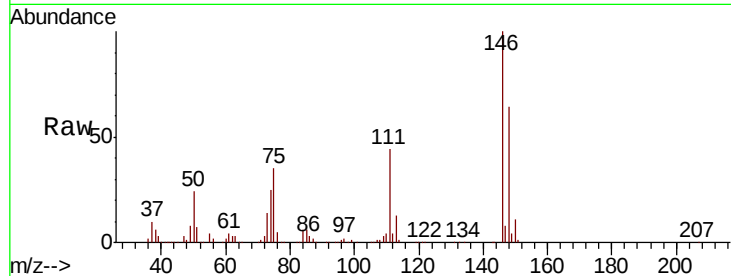




#91
 1,2-Dichlorobenzene
 Concen: 48.315 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

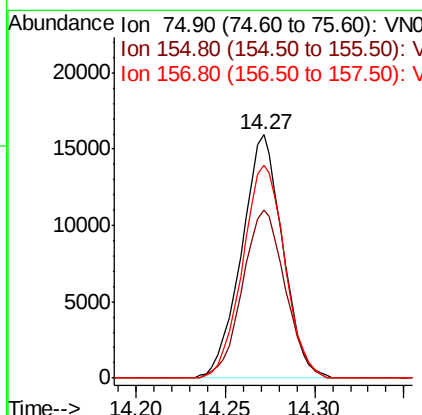
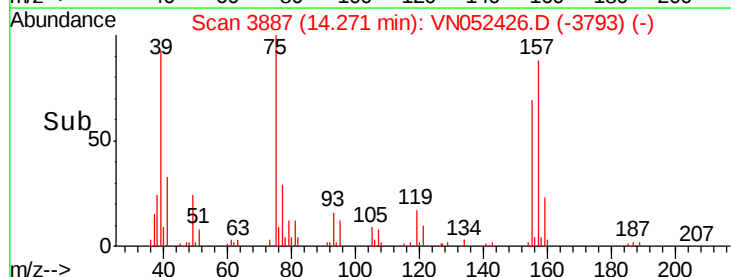
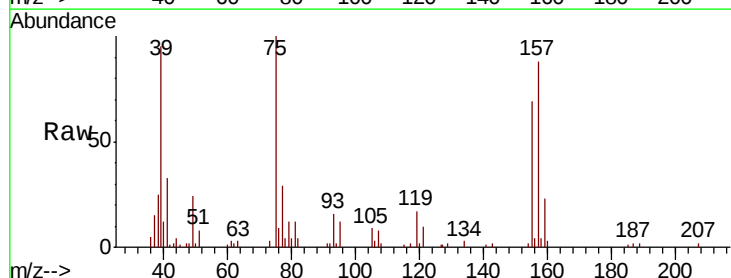
Instrument :
 MSVOA_N
 ClientSampled :

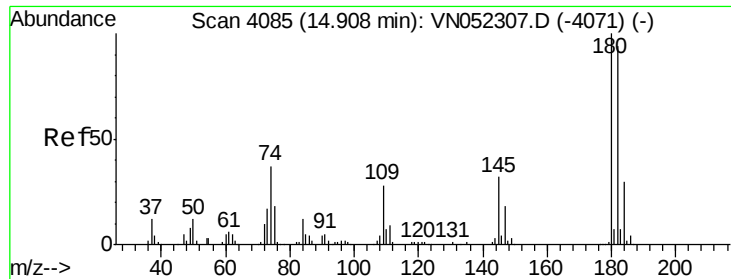
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	62.9	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.719 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.7	42.4	127.3
157	89.6	49.6	149.0

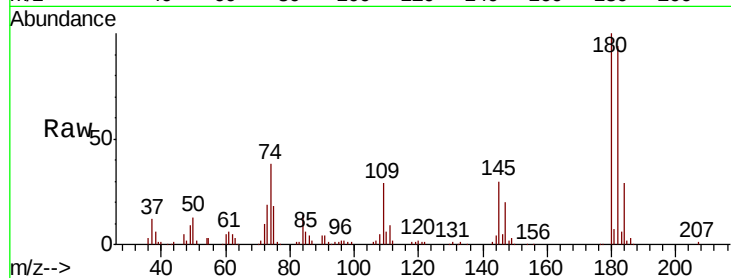




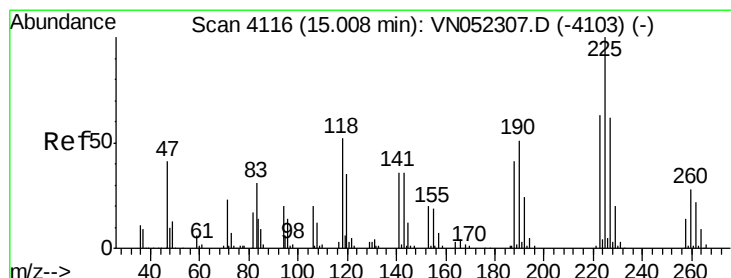
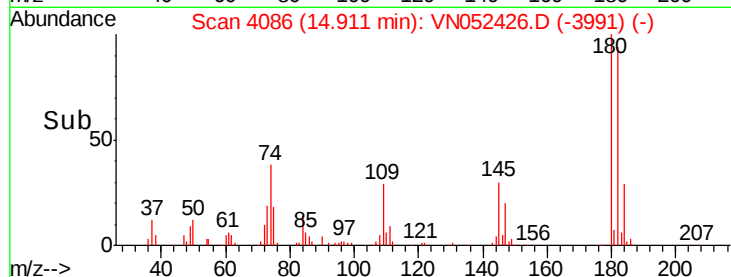
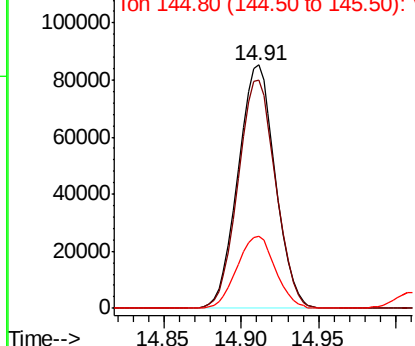
#93
 1,2,4-Trichlorobenzene
 Concen: 48.813 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 143018
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.9
 145 30.5 15.5 46.5

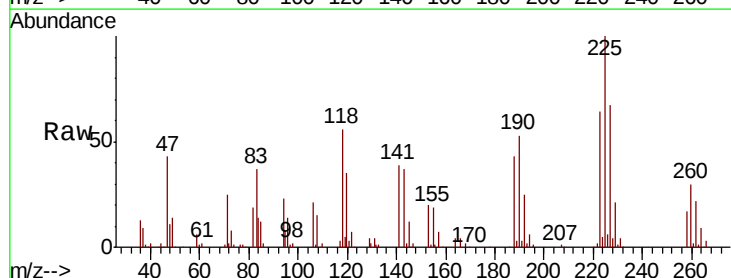


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

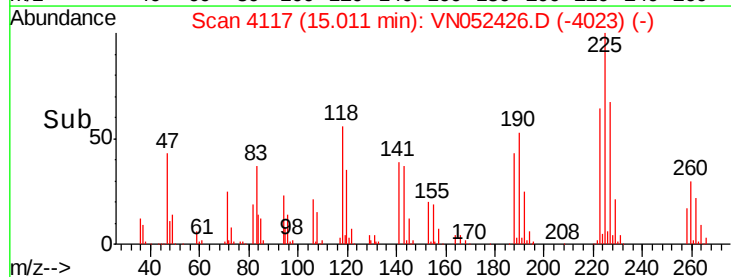
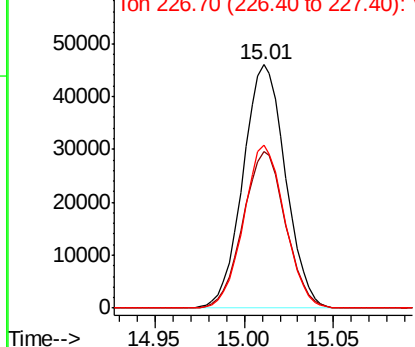


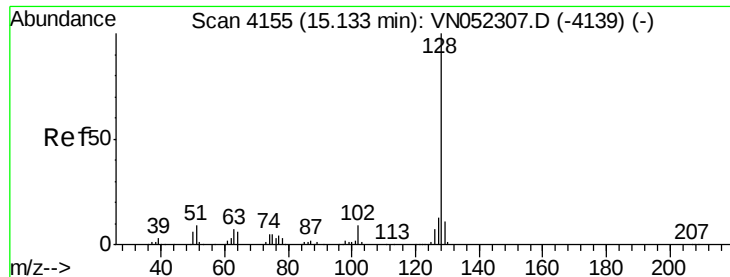
#94
 Hexachlorobutadiene
 Concen: 52.985 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052426.D
 Acq: 21 Nov 2018 9:43

Tgt Ion:225 Resp: 76453
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.5
 227 64.8 31.6 95.0



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: 42.183 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

Instrument :

MSVOA_N

ClientSampled :

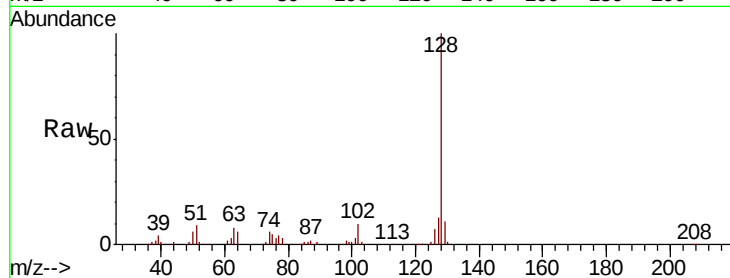
Tot Ion:128 Resp: 289472

Ion Ratio Lower Upper

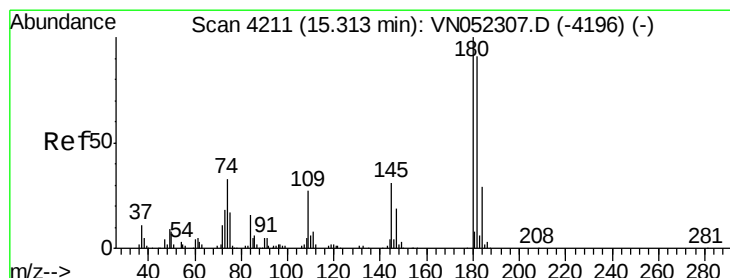
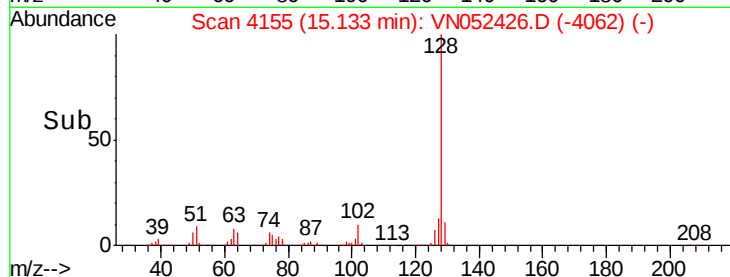
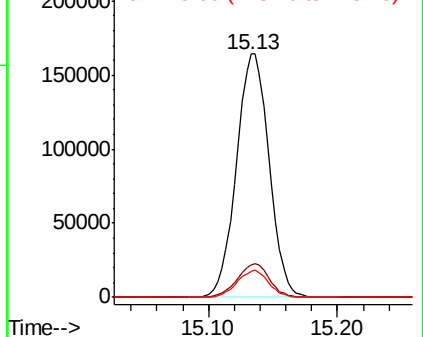
128 100

127 13.6 10.4 15.6

129 10.7 8.6 13.0



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: 52.104 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052426.D

Acq: 21 Nov 2018 9:43

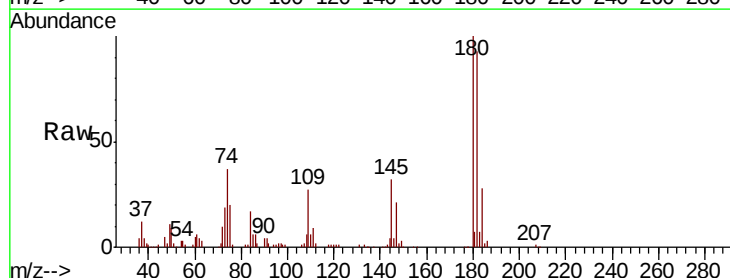
Tgt Ion:180 Resp: 124812

Ion Ratio Lower Upper

180 100

182 95.3 46.5 139.3

145 33.5 16.4 49.2



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

