

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051974.D
 Acq On : 24 Oct 2018 8:39
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 24 14:26:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1167230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1678158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1576272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	881734	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	446124	42.91	ug/l	0.00
Spiked Amount			Recovery	=	85.82%	
35) Dibromofluoromethane	7.59	113	480101	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	1783176	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.40	95	627404	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	364807	49.251	ug/l	100
3) Chloromethane	2.06	50	316040	47.387	ug/l	98
4) Vinyl Chloride	2.19	62	413836	46.292	ug/l	98
5) Bromomethane	2.57	94	408919	47.775	ug/l	96
6) Chloroethane	2.71	64	290486	43.768	ug/l	99
7) Trichlorofluoromethane	3.02	101	759192	47.661	ug/l	100
8) Diethyl Ether	3.41	74	220480	46.556	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	476916	49.980	ug/l	99
10) Methyl Iodide	3.96	142	727025	51.497	ug/l	99
11) Tert butyl alcohol	4.77	59	111372	207.012	ug/l	98
12) 1,1-Dichloroethene	3.74	96	418281	48.948	ug/l	98
13) Acrolein	3.61	56	64786	215.291	ug/l	98
14) Allyl chloride	4.33	41	443883	49.089	ug/l	98
15) Acrylonitrile	4.98	53	537146	236.514	ug/l	99
16) Acetone	3.81	43	363372	212.158	ug/l	100
17) Carbon Disulfide	4.06	76	1060915	52.228	ug/l	100
18) Methyl Acetate	4.32	43	240659	46.082	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1088896	47.461	ug/l	97
20) Methylene Chloride	4.55	84	466540	46.434	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	478384	49.431	ug/l	99
22) Diisopropyl ether	5.95	45	997684	48.225	ug/l	98
23) Vinyl Acetate	5.89	43	3414987	242.656	ug/l	100
24) 1,1-Dichloroethane	5.85	63	734878	48.654	ug/l	99
25) 2-Butanone	6.83	43	562785	230.490	ug/l	99
26) 2,2-Dichloropropane	6.82	77	713162	51.607	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	559444	49.484	ug/l	99
28) Bromochloromethane	7.19	49	274468	45.088	ug/l	96
29) Tetrahydrofuran	7.21	42	355743	215.040	ug/l	99
30) Chloroform	7.37	83	900084	48.804	ug/l	98
31) Cyclohexane	7.65	56	613190	50.570	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	838253	49.705	ug/l	99
36) 1,1-Dichloropropene	7.79	75	642999	49.950	ug/l	99
37) Ethyl Acetate	6.92	43	270832	46.971	ug/l	98
38) Carbon Tetrachloride	7.77	117	771862	52.229	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	820549	52.188	ug/l	99
40) Benzene	8.04	78	1904724	49.834	ug/l	100
41) Methacrylonitrile	7.18	41	137371	47.489	ug/l	95
42) 1,2-Dichloroethane	8.12	62	584958	47.733	ug/l	100
43) Isopropyl Acetate	8.16	43	513691	47.649	ug/l	99
44) Trichloroethene	8.83	130	624715	50.921	ug/l	96
45) 1,2-Dichloropropane	9.12	63	436661	50.503	ug/l	98
46) Dibromomethane	9.21	93	336109	48.224	ug/l	98
47) Bromodichloromethane	9.40	83	676327	51.381	ug/l	100
48) Methyl methacrylate	9.20	41	246186	47.245	ug/l	97
49) 1,4-Dioxane	9.20	88	80127	838.594	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1363615	229.948	ug/l	100
52) Toluene	10.15	92	1332389	51.407	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	660765	49.175	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	740473	53.821	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	466067	48.669	ug/l	98
56) Ethyl methacrylate	10.43	69	509597	49.505	ug/l	99
57) 1,3-Dichloropropane	10.71	76	712397	49.003	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	1330554	247.032	ug/l	100
59) 2-Hexanone	10.75	43	936292	234.989	ug/l	99
60) Dibromochloromethane	10.90	129	576891	47.333	ug/l	100
61) 1,2-Dibromoethane	11.00	107	503138	49.830	ug/l	99
64) Tetrachloroethene	10.63	164	601536	49.720	ug/l	98
65) Chlorobenzene	11.43	112	1610537	50.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	600372	52.484	ug/l	99
67) Ethyl Benzene	11.51	91	2614294	51.103	ug/l	99
68) m/p-Xylenes	11.62	106	2164359	105.892	ug/l	100
69) o-Xylene	11.95	106	1052092	52.927	ug/l	98
70) Styrene	11.96	104	1703042	53.603	ug/l	99
71) Bromoform	12.12	173	379394	45.121	ug/l	98
73) Isopropylbenzene	12.25	105	2827647	50.566	ug/l	99
74) N-amyl acetate	12.07	43	498071	45.252	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	517483	44.786	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	643345	70.636	ug/l #	100
77) Bromobenzene	12.53	156	791960	51.317	ug/l	96
78) n-propylbenzene	12.59	91	3108905	51.538	ug/l	100
79) 2-Chlorotoluene	12.67	91	1779162	50.647	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2353945	52.468	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	132654	47.060	ug/l	98
82) 4-Chlorotoluene	12.77	91	1883466	51.785	ug/l	99
83) tert-Butylbenzene	12.99	119	2171889	51.184	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2404923	51.967	ug/l	100
85) sec-Butylbenzene	13.17	105	2862421	51.649	ug/l	100
86) p-Isopropyltoluene	13.29	119	2616488	52.440	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1457403	51.202	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1465861	52.237	ug/l	100
89) n-Butylbenzene	13.61	91	2030729	51.113	ug/l	100
90) Hexachloroethane	13.88	117	404163	54.372	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1375042	49.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68602	38.669	ug/l	97

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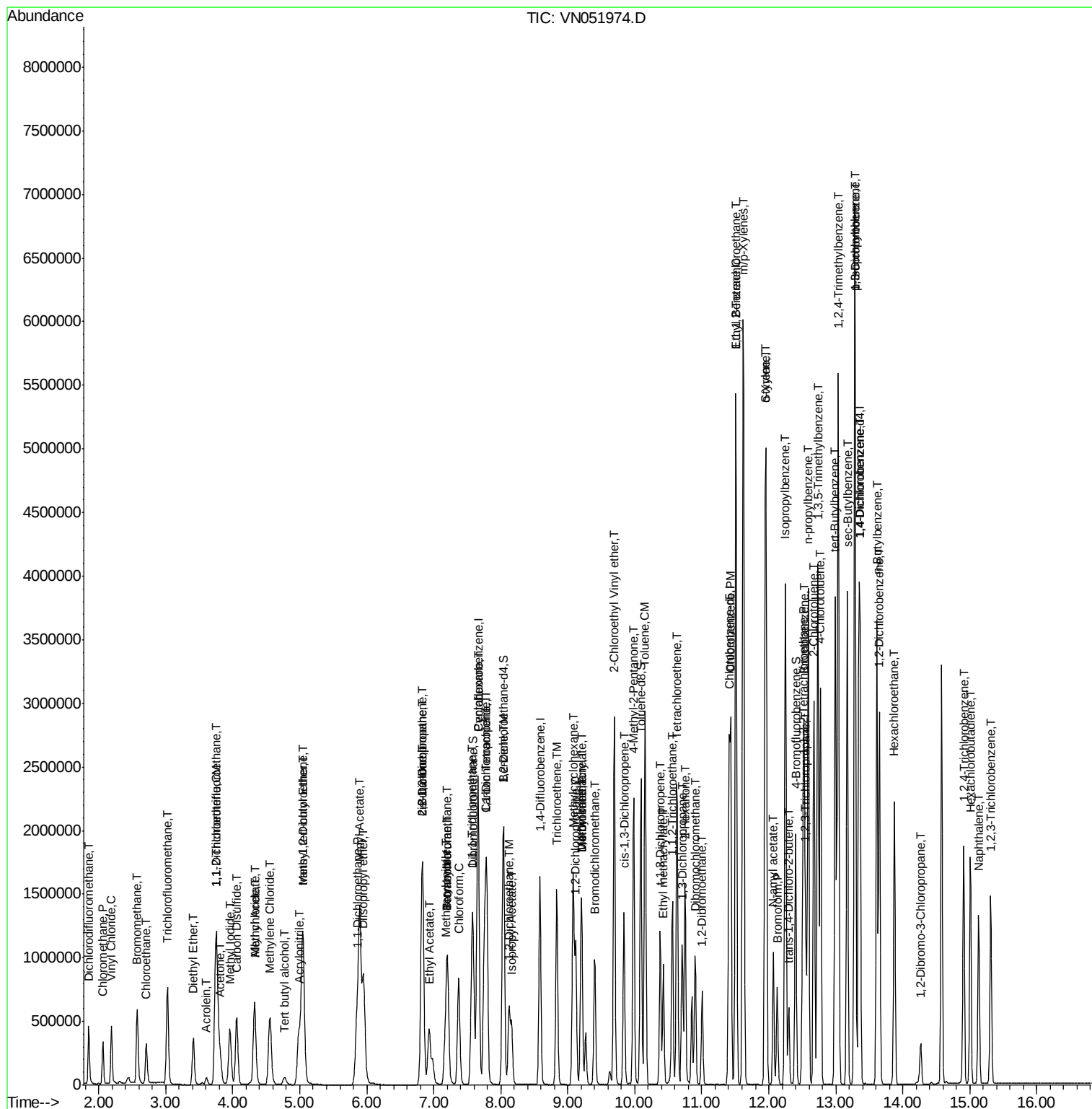
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	661970	40.698	ug/l	99
94) Hexachlorobutadiene	15.01	225	360365	43.118	ug/l	99
95) Naphthalene	15.13	128	1236336	35.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	537775	34.590	ug/l	99

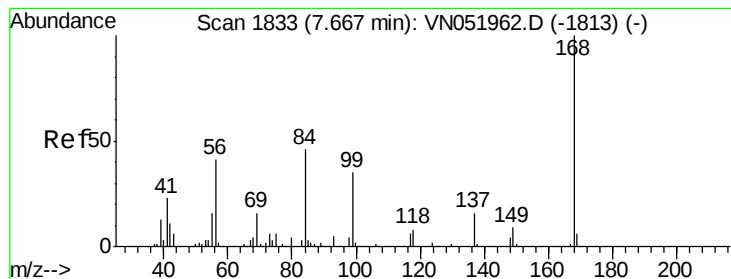
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

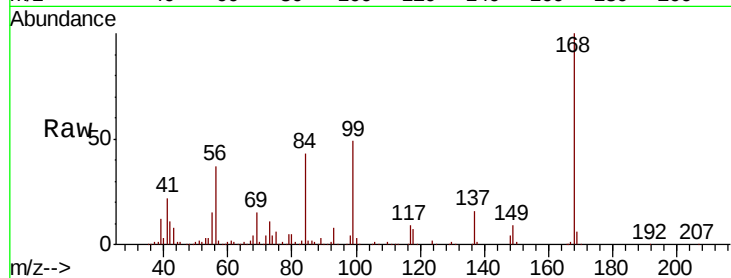
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1167230

Ion Ratio Lower Upper

168 100

99 48.4 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

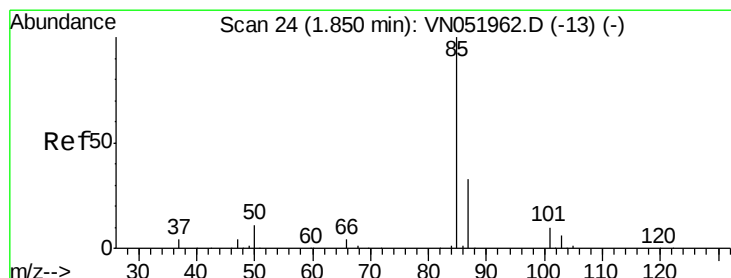
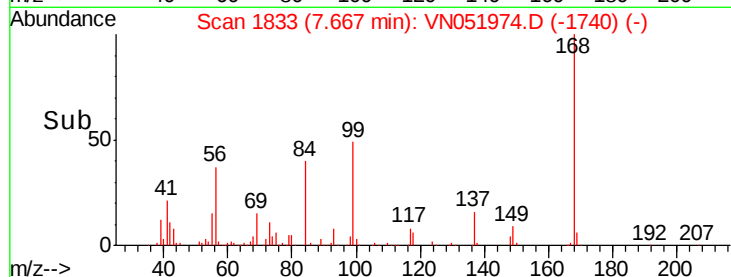
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.251 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051974.D

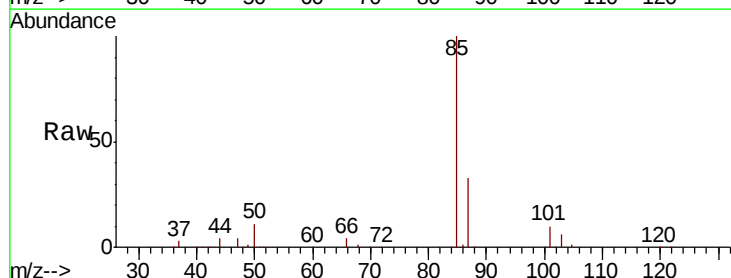
Acq: 24 Oct 2018 8:39

Tgt Ion: 85 Resp: 364807

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

300000

250000

200000

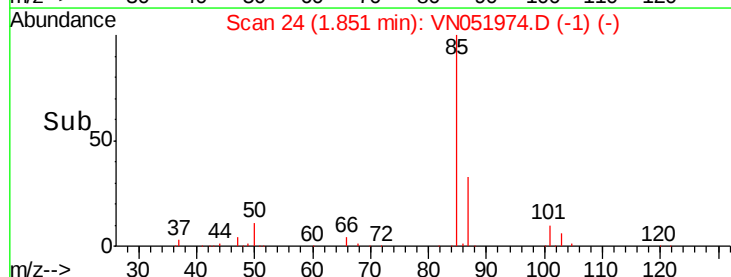
150000

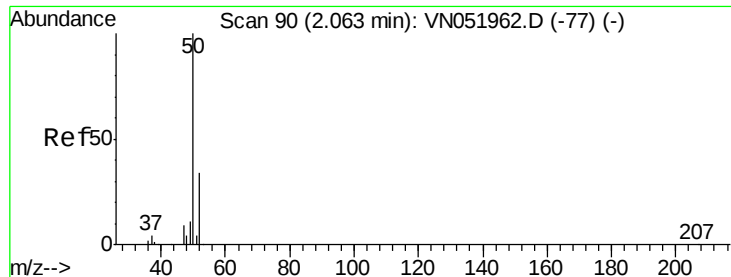
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.387 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

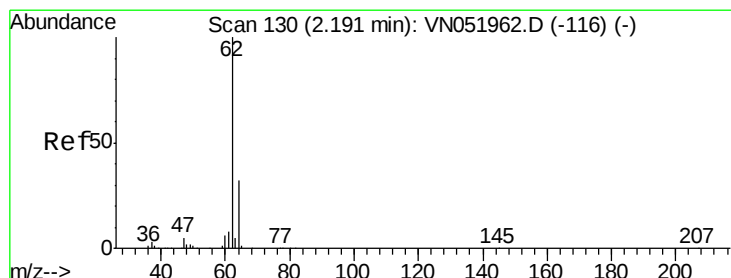
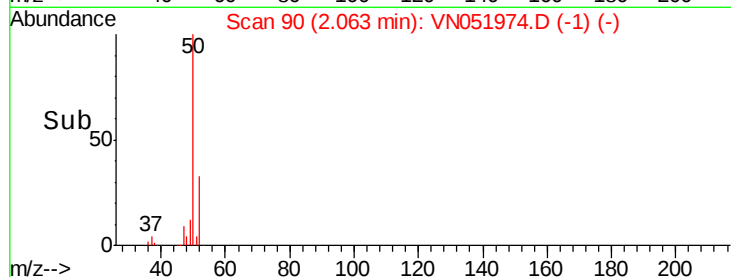
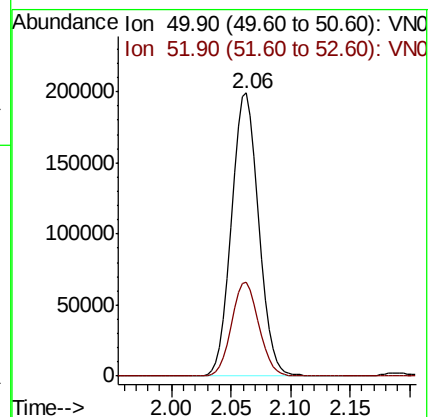
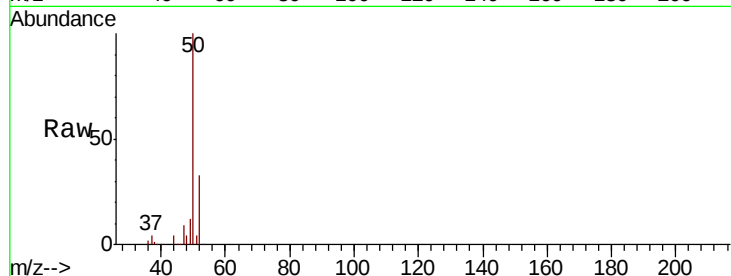
ClientSampled :

Tot Ion: 50 Resp: 316040

Ion Ratio Lower Upper

50 100

52 33.0 27.5 41.3



#4

Vinyl Chloride

Concen: 46.292 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN051974.D

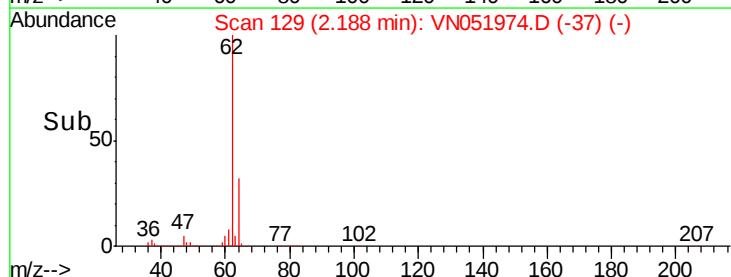
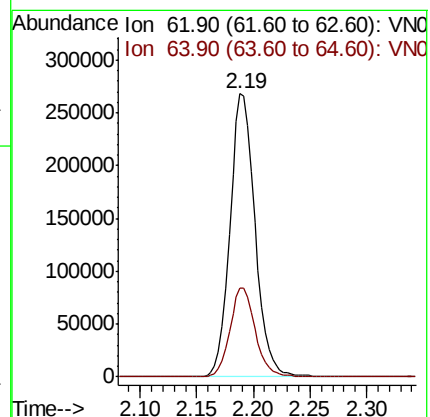
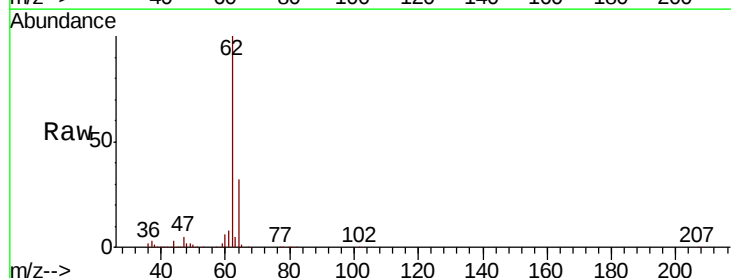
Acq: 24 Oct 2018 8:39

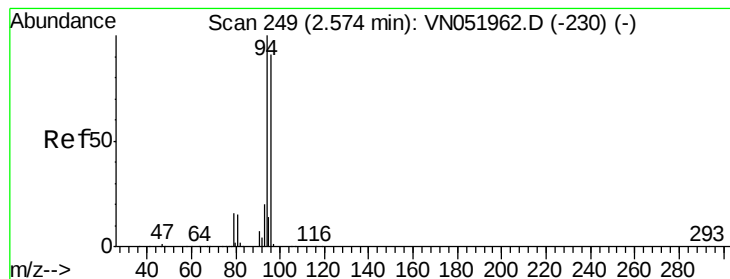
Tgt Ion: 62 Resp: 413836

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 47.775 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

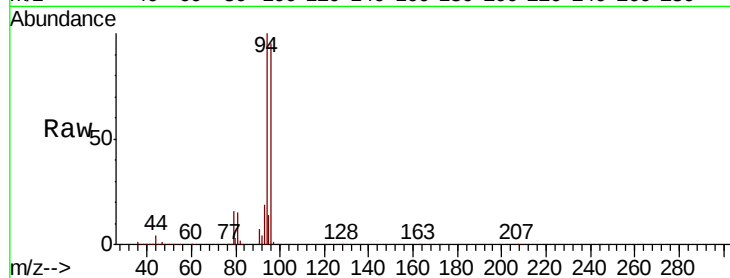
ClientSampleId :

Tot Ion: 94 Resp: 408919

Ion Ratio Lower Upper

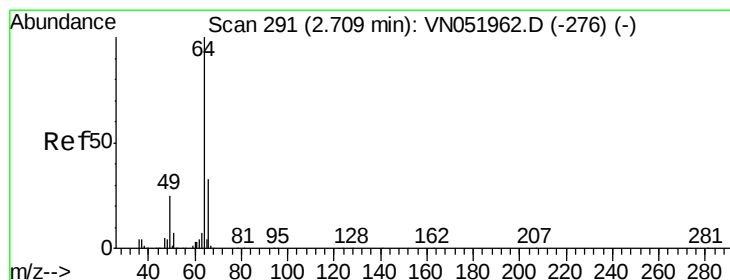
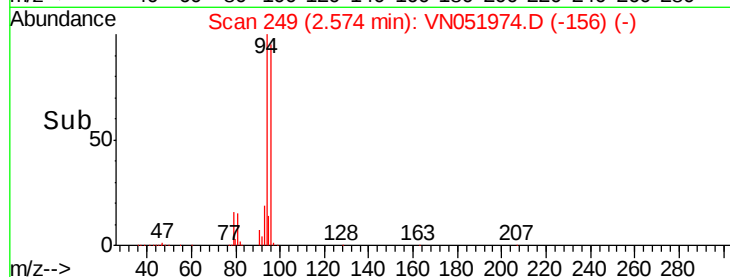
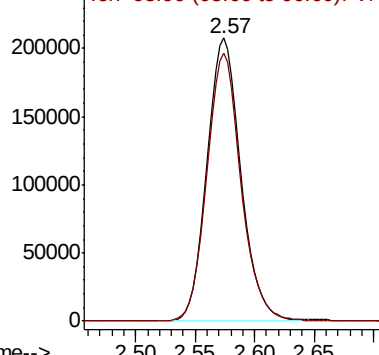
94 100

96 94.6 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.768 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN051974.D

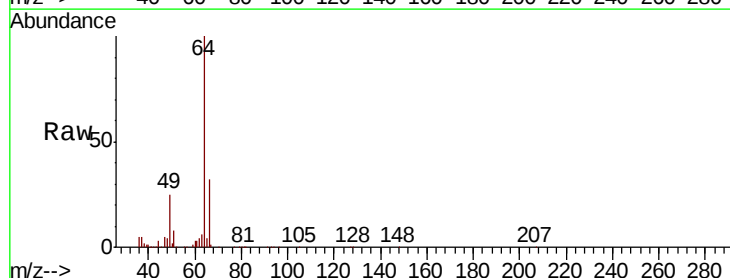
Acq: 24 Oct 2018 8:39

Tgt Ion: 64 Resp: 290486

Ion Ratio Lower Upper

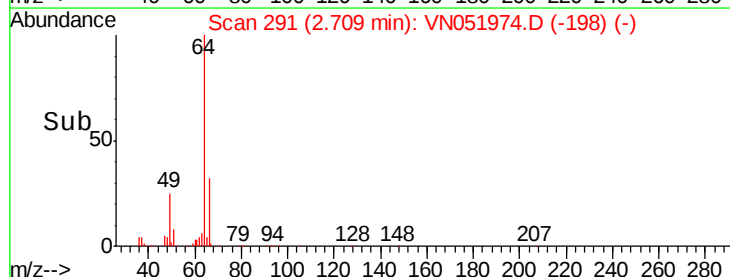
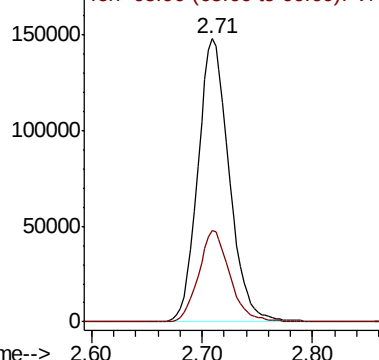
64 100

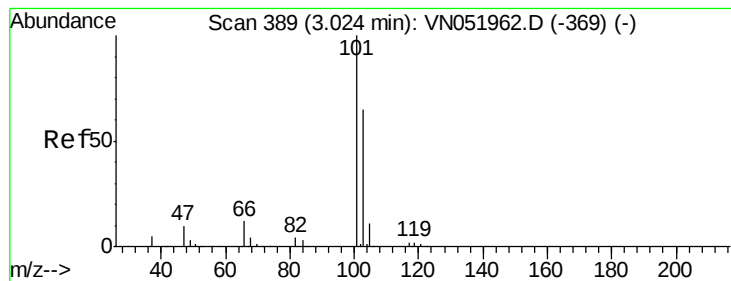
66 32.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



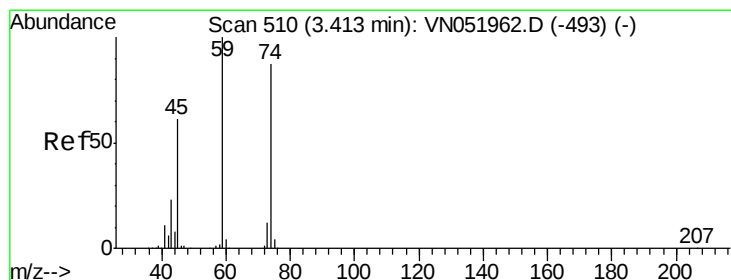
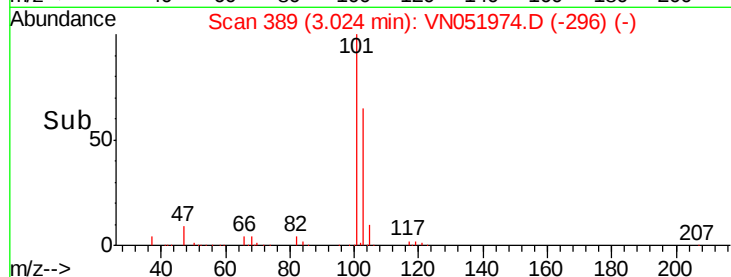
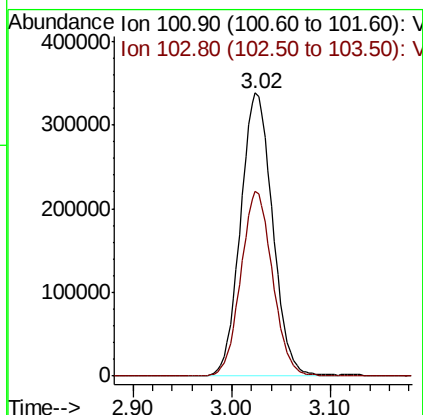
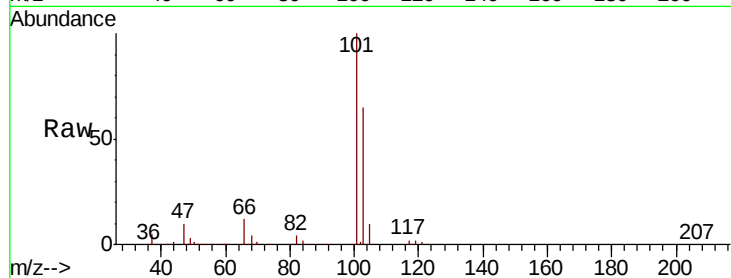


#7

Trichlorofluoromethane
 Concen: 47.661 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Instrument :
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 ClientSampleId :

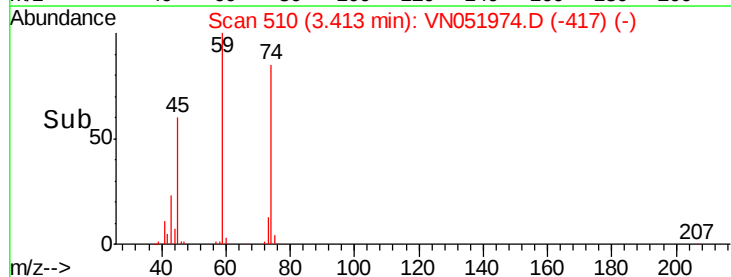
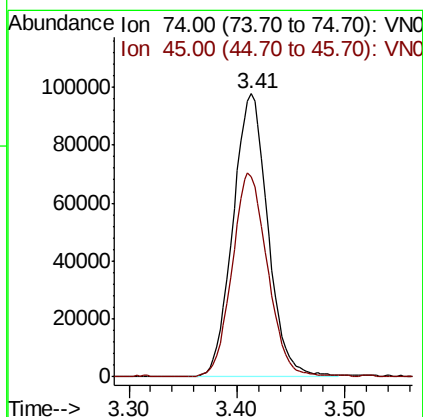
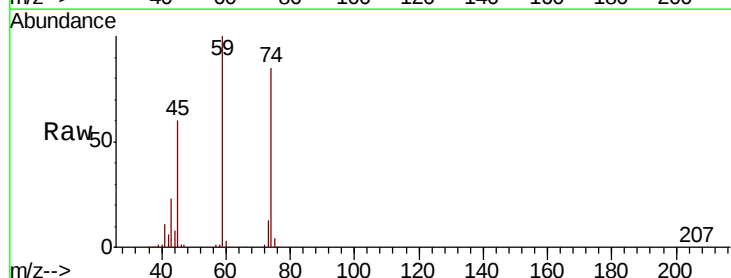
Tot Ion:101 Resp: 759192
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.0 78.0

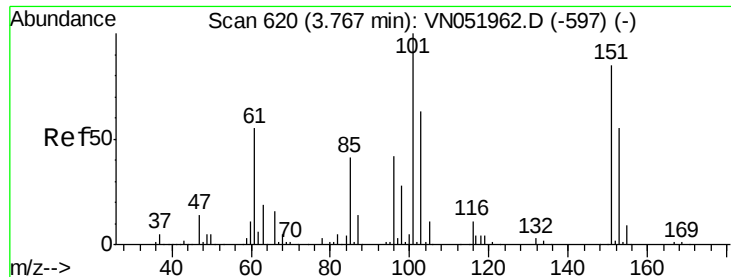


#8

Diethyl Ether
 Concen: 46.556 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion: 74 Resp: 220480
 Ion Ratio Lower Upper
 74 100
 45 72.2 35.5 106.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.980 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampled :

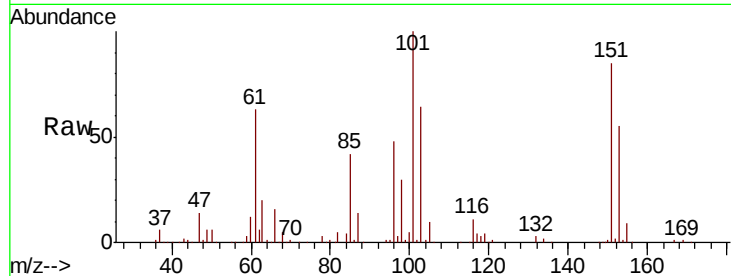
Tot Ion:101 Resp: 476916

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

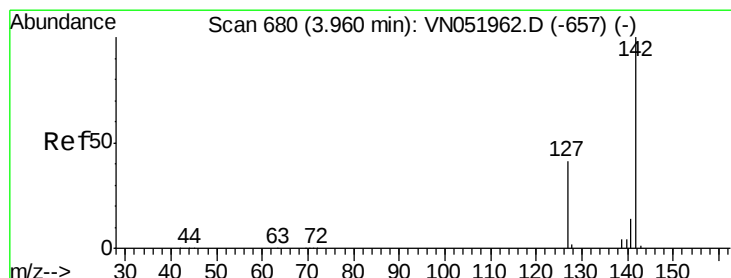
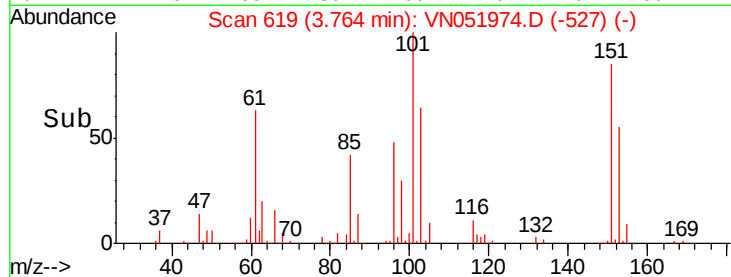
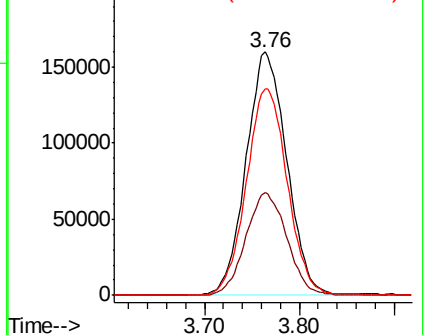
151 85.7 69.1 103.7



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: 51.497 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

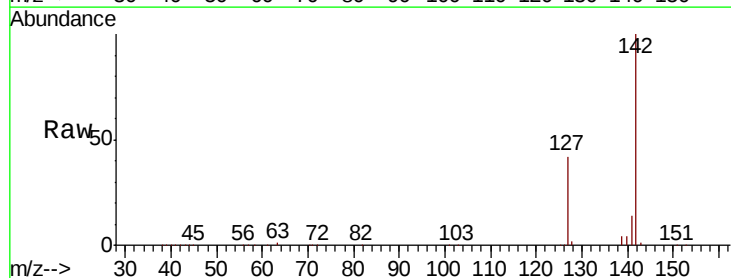
Tgt Ion:142 Resp: 727025

Ion Ratio Lower Upper

142 100

127 42.2 34.3 51.5

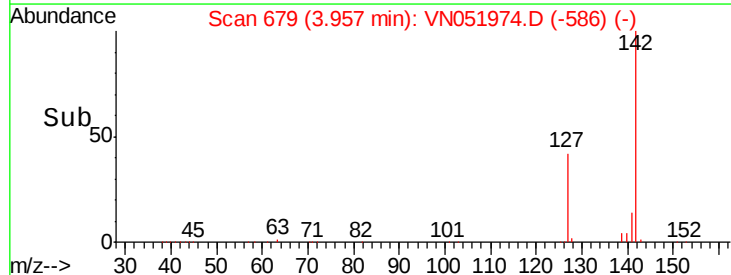
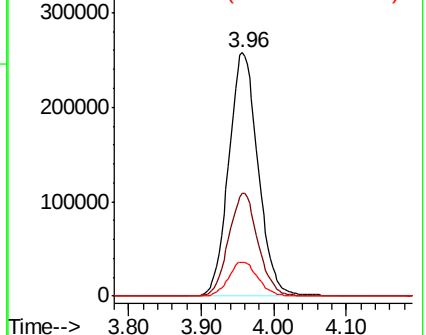
141 14.0 11.4 17.0

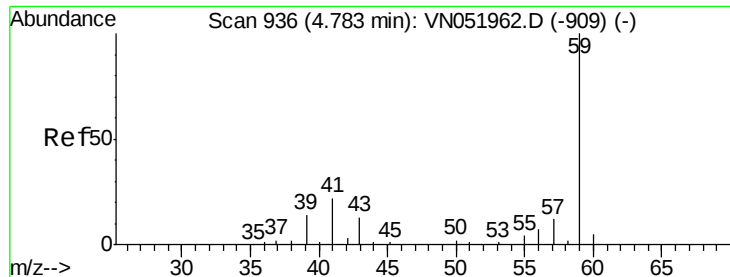


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

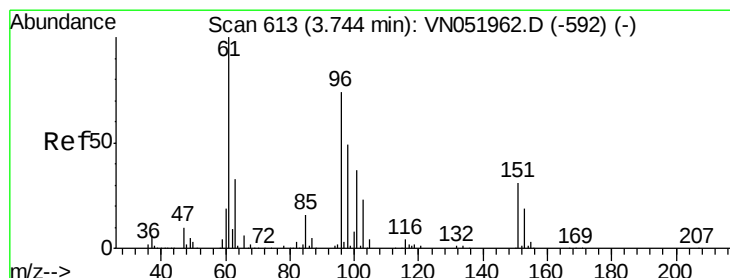
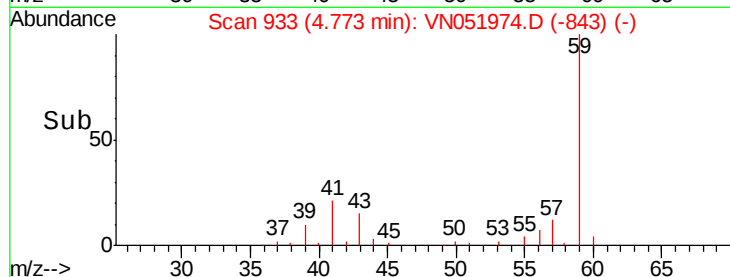
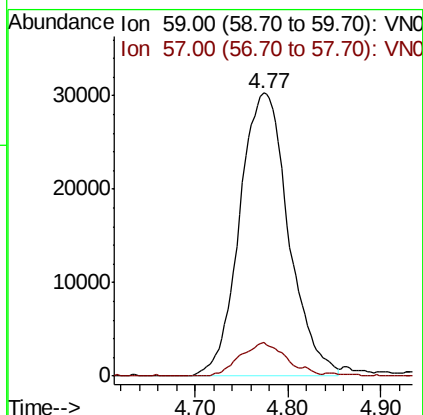
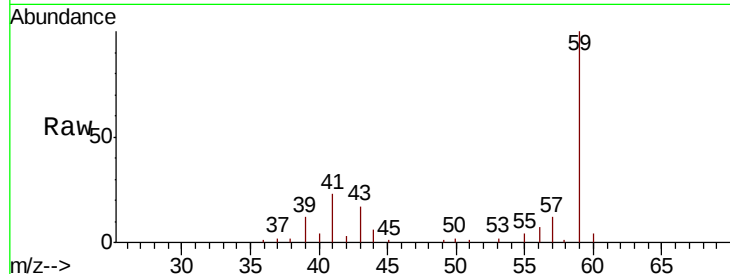




#11
Tert butyl alcohol
Concen: 207.012 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

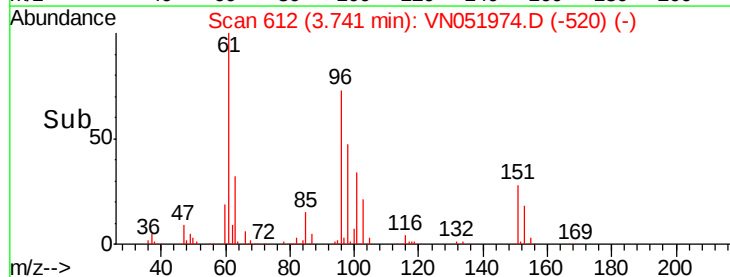
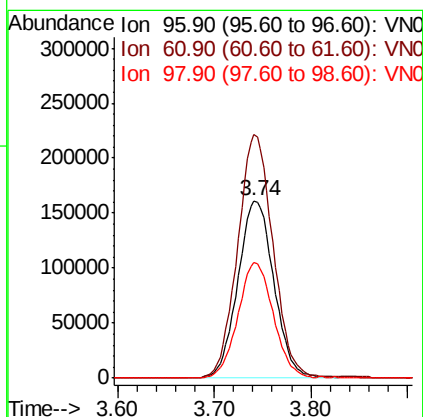
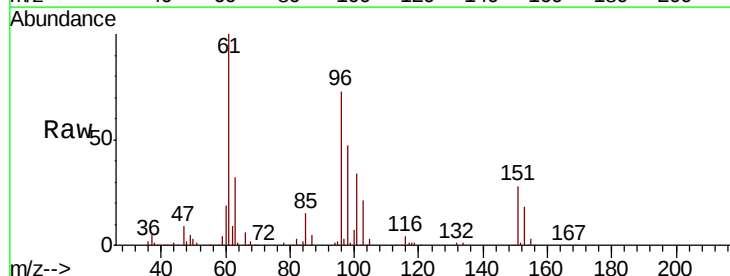
Instrument :
MSVOA_N
ClientSampleId :

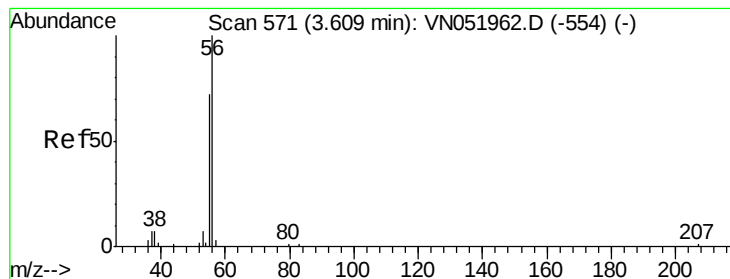
Tot Ion: 59 Resp: 111372
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.948 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 96 Resp: 418281
Ion Ratio Lower Upper
96 100
61 137.3 107.8 161.8
98 65.2 52.7 79.1





#13

Acrolein

Concen: 215.291 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

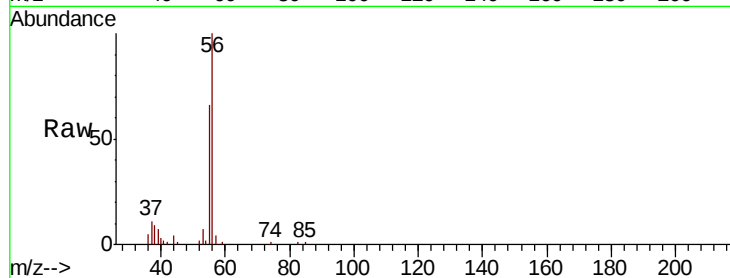
ClientSampled :

Tot Ion: 56 Resp: 64786

Ion Ratio Lower Upper

56 100

55 72.7 56.6 84.8

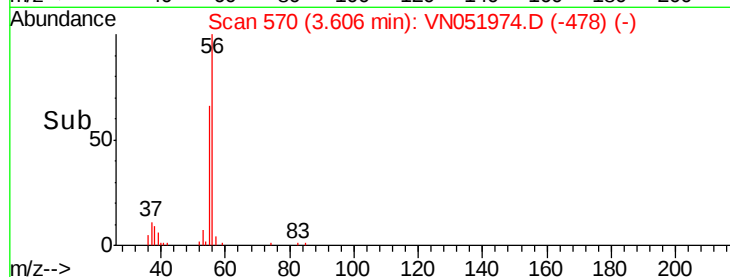


Abundance Ion 56.00 (55.70 to 56.70): VN051962.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN051962.D (-554) (-)

3.61

Time-->

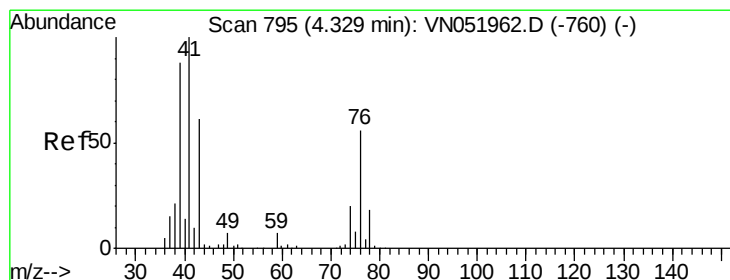


Abundance Ion 56.00 (55.70 to 56.70): VN051974.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN051974.D (-478) (-)

3.61

Time-->



#14

Allyl chloride

Concen: 49.089 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

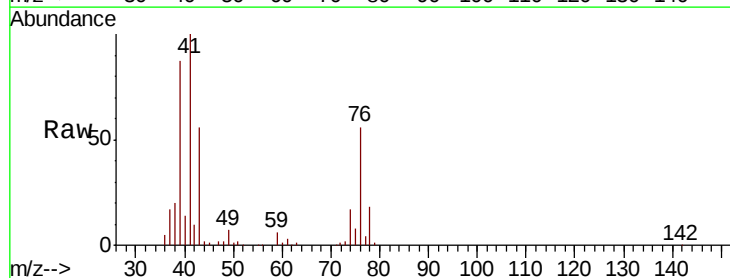
Tgt Ion: 41 Resp: 443883

Ion Ratio Lower Upper

41 100

39 81.8 67.7 101.5

76 52.0 41.3 61.9



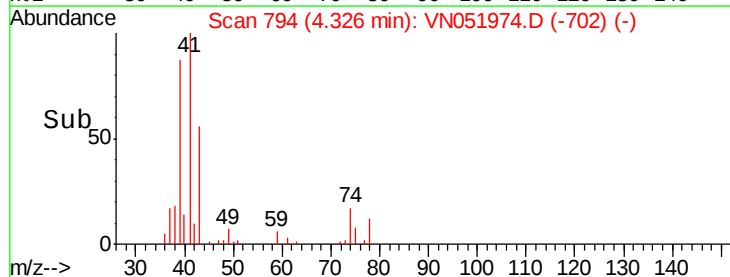
Abundance Ion 41.00 (40.70 to 41.70): VN051962.D (-760) (-)

Ion 39.00 (38.70 to 39.70): VN051962.D (-760) (-)

Ion 75.90 (75.60 to 76.60): VN051962.D (-760) (-)

4.33

Time-->



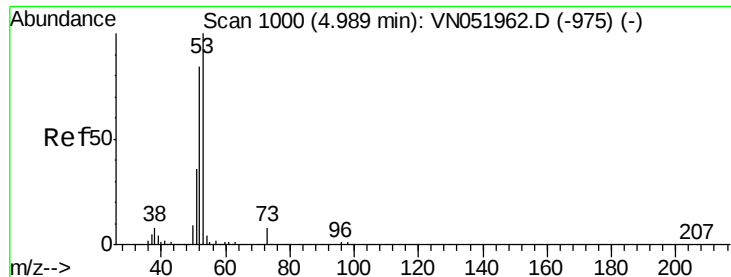
Abundance Ion 41.00 (40.70 to 41.70): VN051974.D (-702) (-)

Ion 39.00 (38.70 to 39.70): VN051974.D (-702) (-)

Ion 75.90 (75.60 to 76.60): VN051974.D (-702) (-)

4.33

Time-->



#15

Acrylonitrile

Concen: 236.514 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampleId :

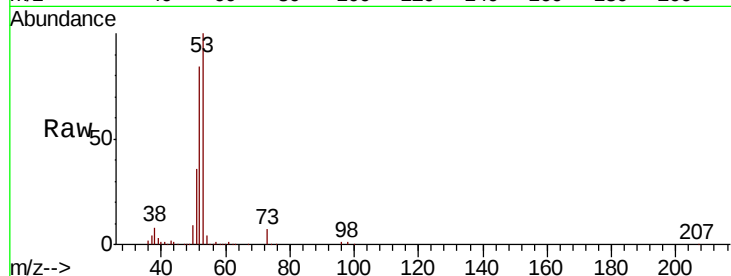
Tot Ion: 53 Resp: 537146

Ion Ratio Lower Upper

53 100

52 83.1 67.0 100.4

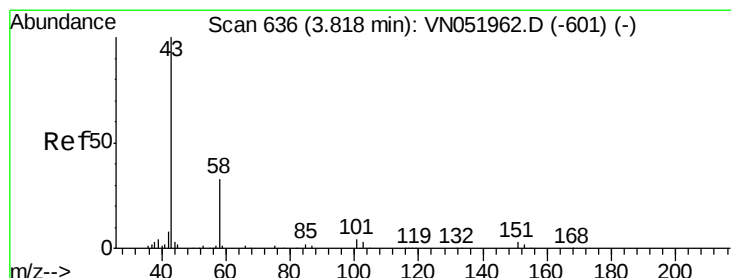
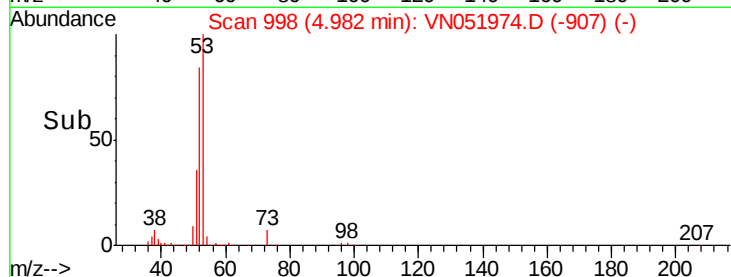
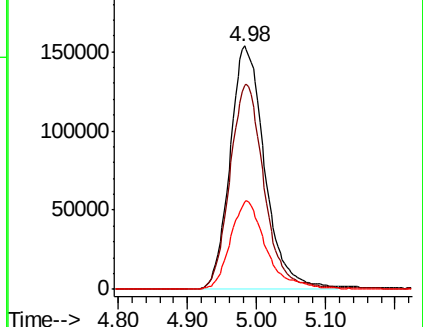
51 37.3 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN051962.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN051962.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN051962.D (-975) (-)



#16

Acetone

Concen: 212.158 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN051974.D

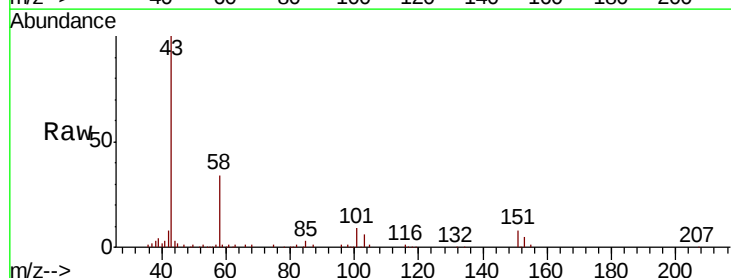
Acq: 24 Oct 2018 8:39

Tgt Ion: 43 Resp: 363372

Ion Ratio Lower Upper

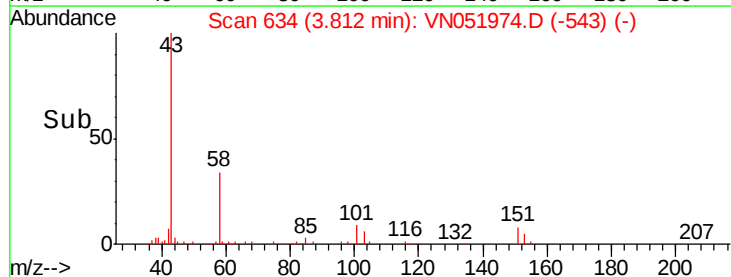
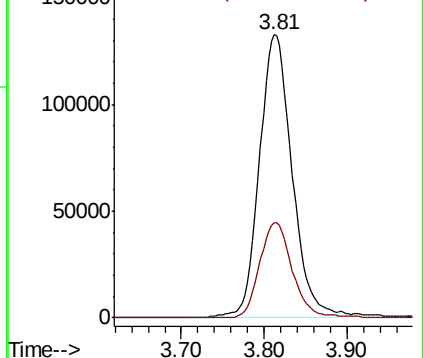
43 100

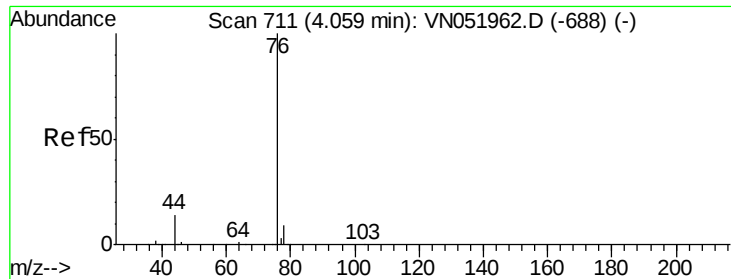
58 33.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)

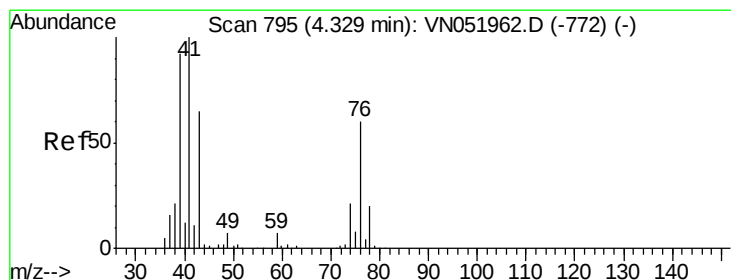
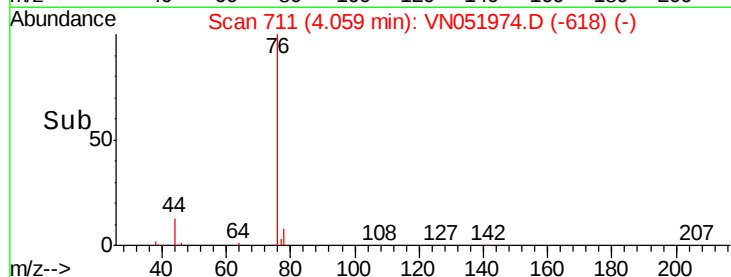
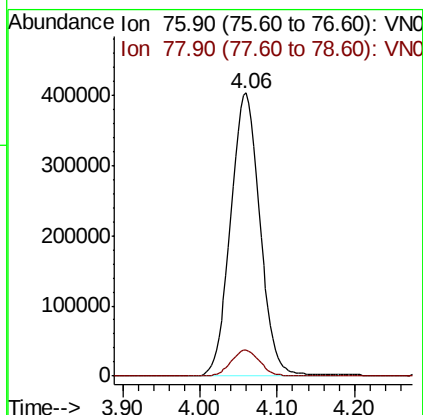
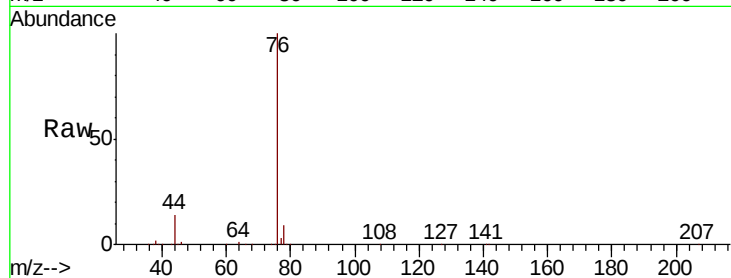




#17
Carbon Disulfide
Concen: 52.228 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

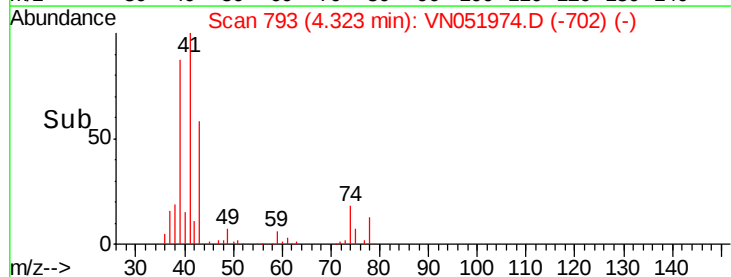
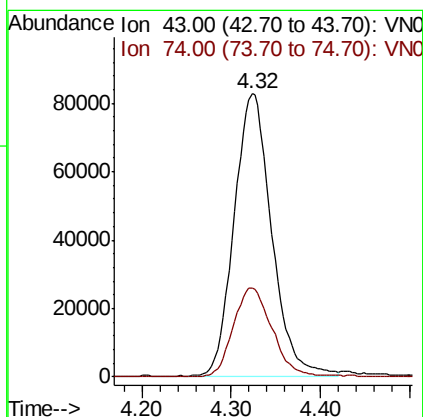
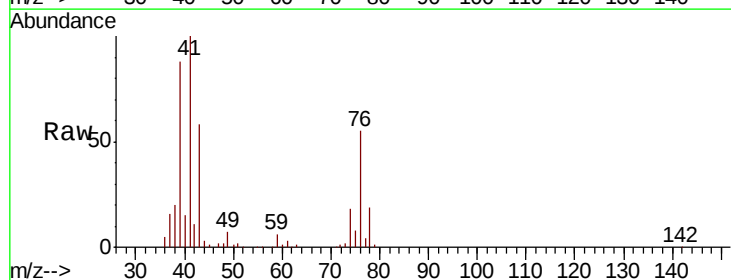
Instrument :
MSVOA_N
ClientSampleId :

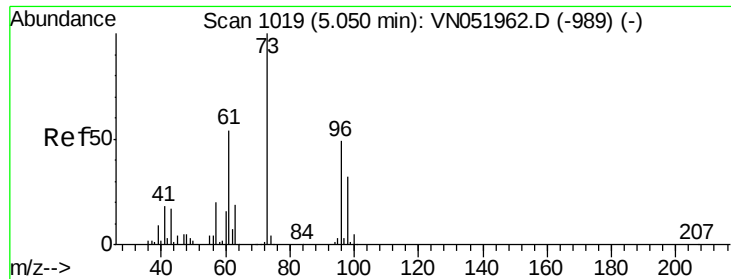
Tot Ion: 76 Resp: 1060915
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 46.082 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 43 Resp: 240659
Ion Ratio Lower Upper
43 100
74 32.6 25.7 38.5

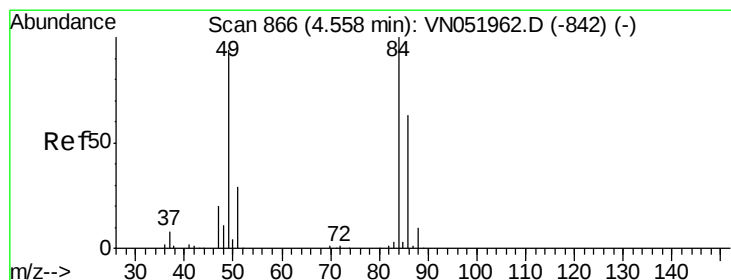
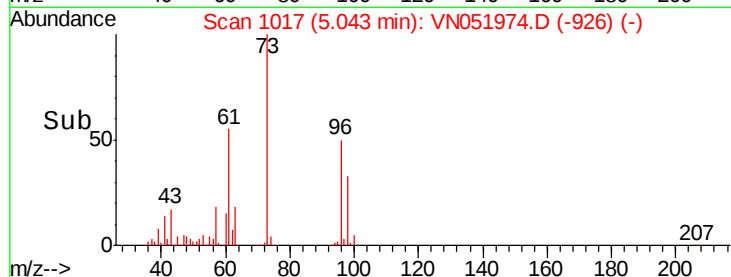
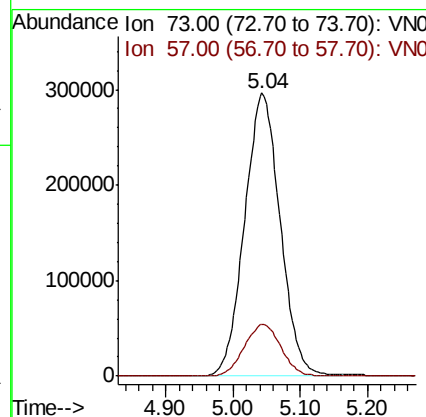
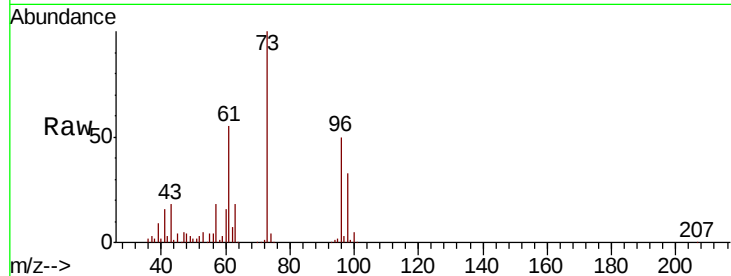




#19
Methyl tert-butyl Ether
Concen: 47.461 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

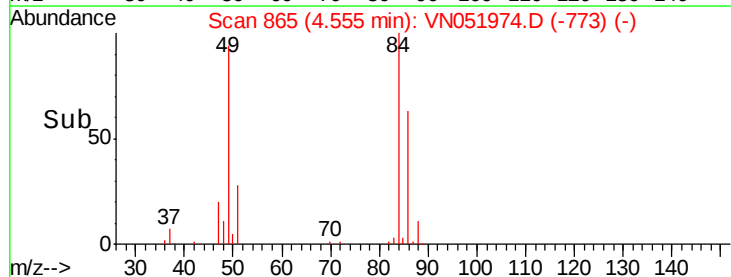
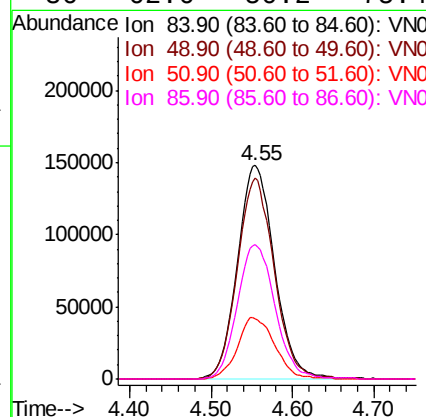
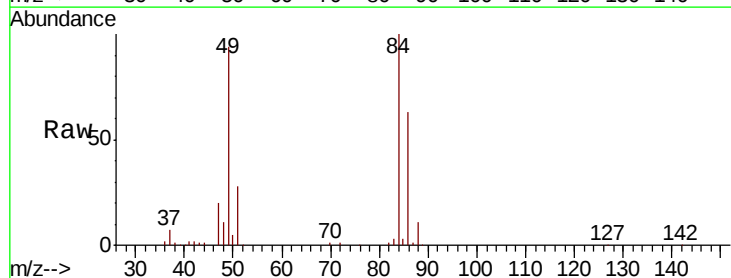
Instrument :
MSVOA_N
ClientSampled :

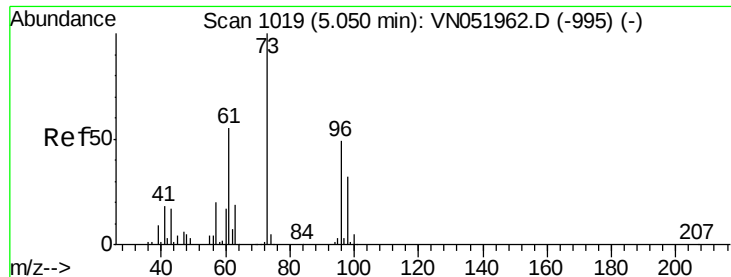
Tot Ion: 73 Resp: 1088896
Ion Ratio Lower Upper
73 100
57 18.5 15.9 23.9



#20
Methylene Chloride
Concen: 46.434 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 84 Resp: 466540
Ion Ratio Lower Upper
84 100
49 94.1 75.4 113.0
51 28.4 23.1 34.7
86 62.6 50.2 75.4

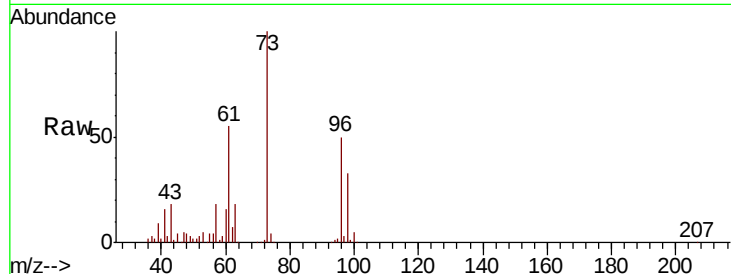




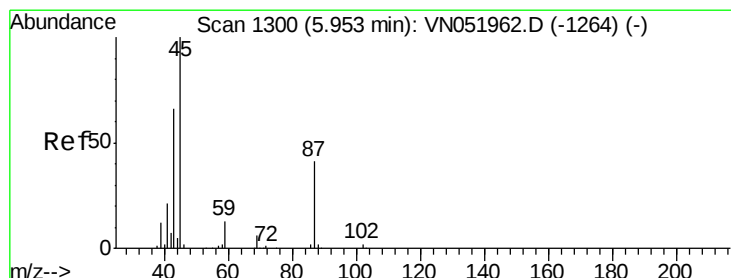
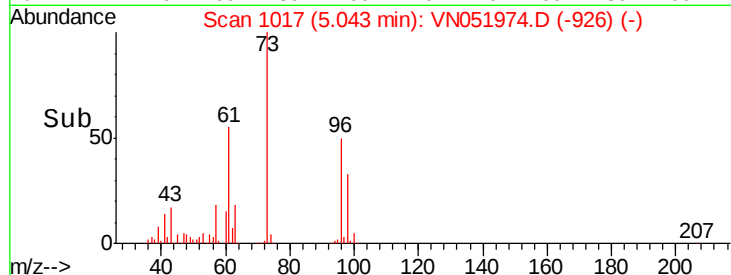
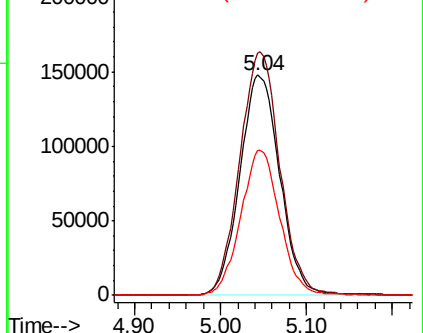
#21
trans-1,2-Dichloroethene
Concen: 49.431 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 478384
Ion Ratio Lower Upper
96 100
61 110.3 89.0 133.4
98 65.9 51.8 77.8

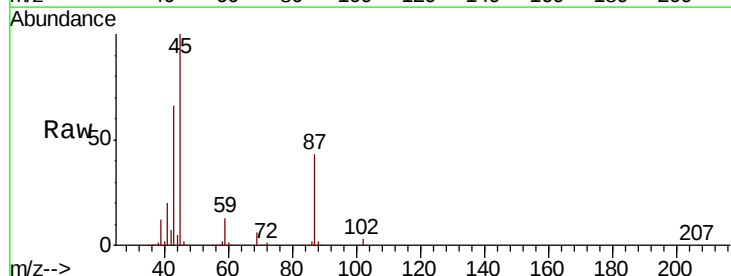


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

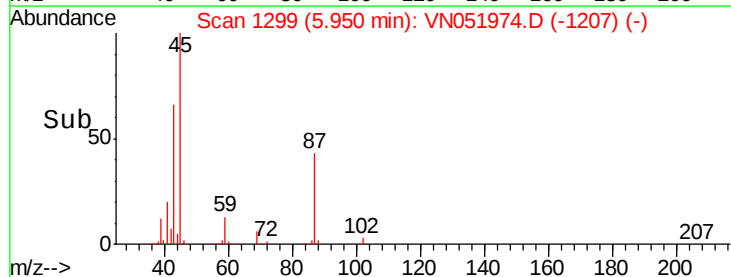
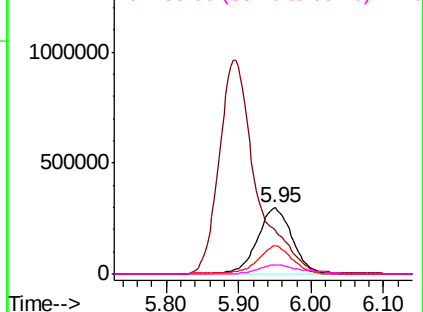


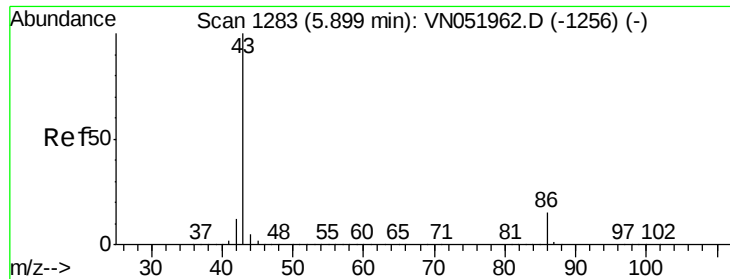
#22
Diisopropyl ether
Concen: 48.225 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 45 Resp: 997684
Ion Ratio Lower Upper
45 100
43 64.6 52.9 79.3
87 42.8 33.4 50.0
59 13.0 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

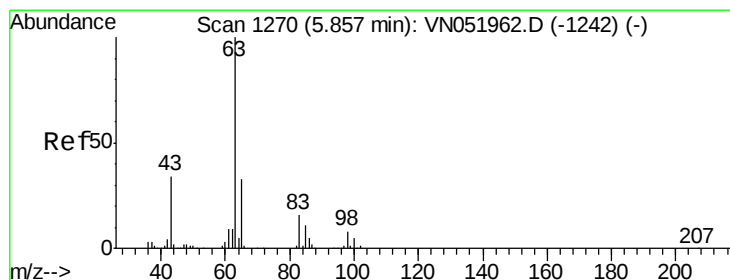
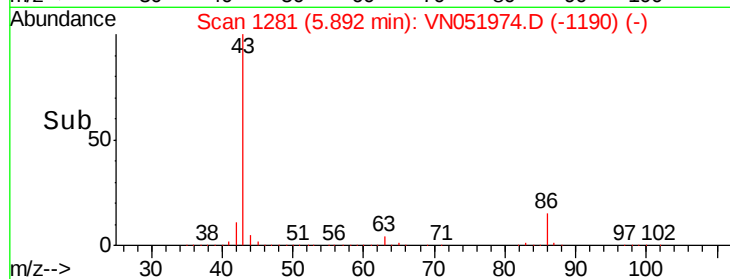
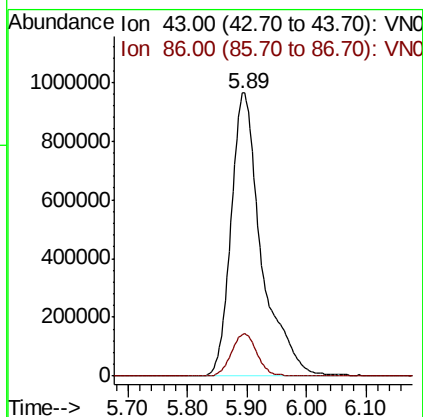
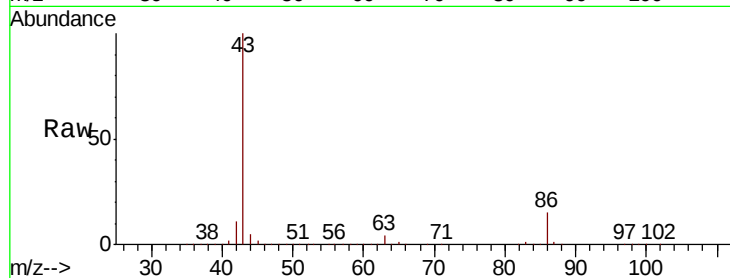




#23
 Vinyl Acetate
 Concen: 242.656 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

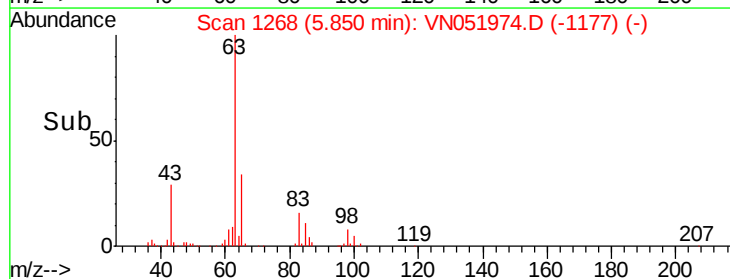
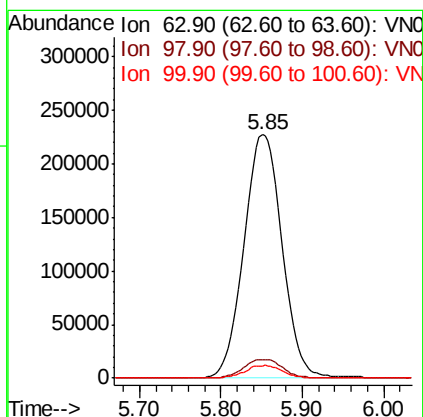
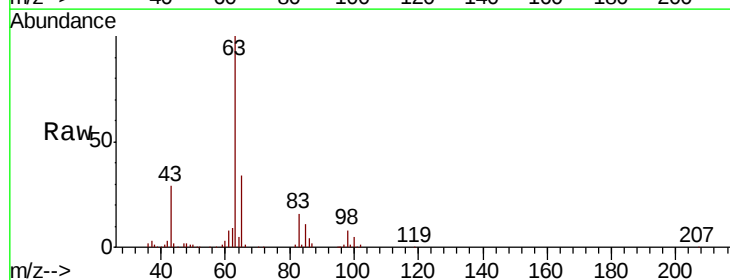
Instrument :
 MSVOA_N
 ClientSampled :

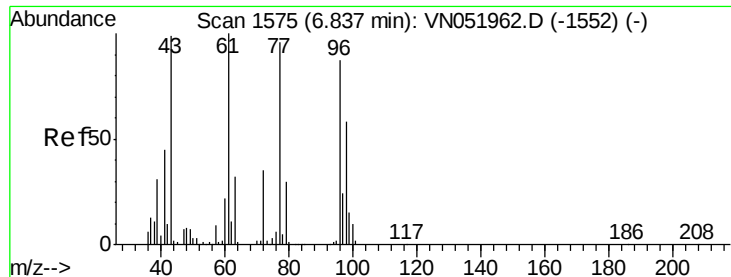
Tot Ion: 43 Resp: 3414987
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.9 17.9



#24
 1,1-Dichloroethane
 Concen: 48.654 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion: 63 Resp: 734878
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 5.0 2.6 8.0

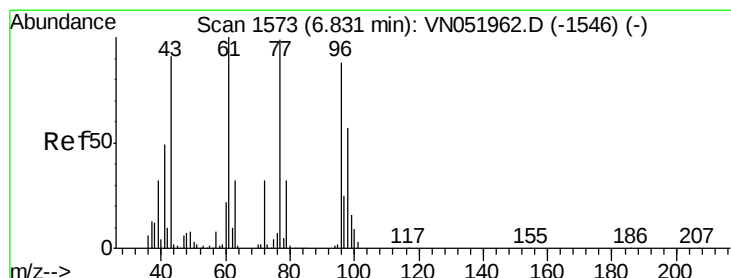
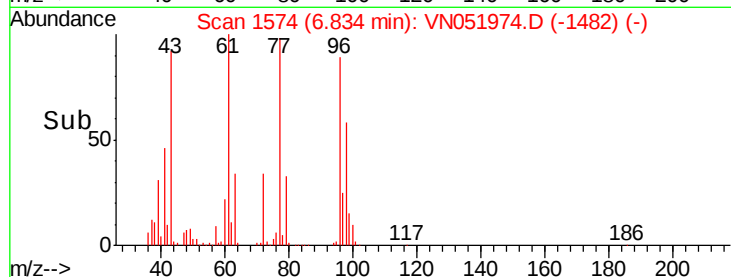
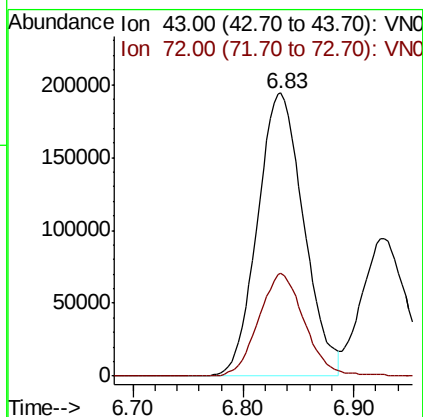
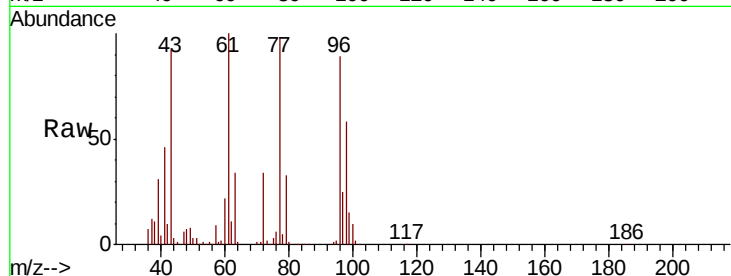




#25
2-Butanone
Concen: 230.490 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

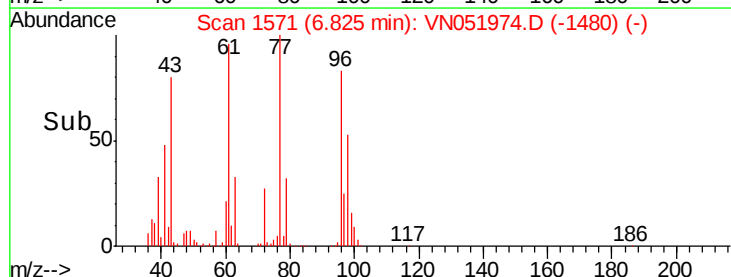
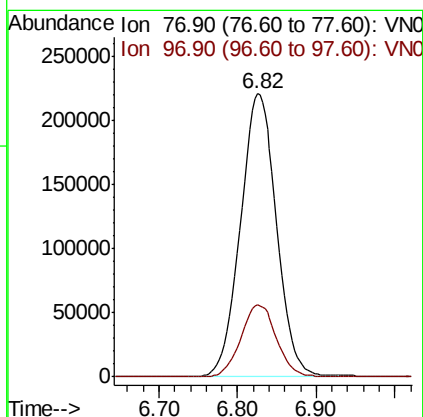
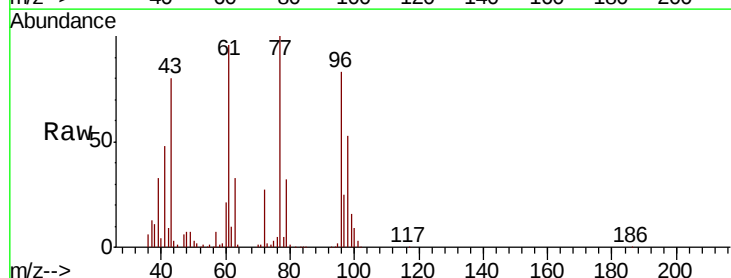
Instrument :
MSVOA_N
ClientSampled :

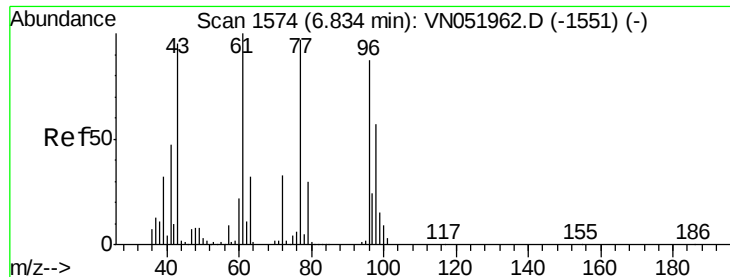
Tot Ion: 43 Resp: 562785
Ion Ratio Lower Upper
43 100
72 36.4 28.5 42.7



#26
2,2-Dichloropropane
Concen: 51.607 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 77 Resp: 713162
Ion Ratio Lower Upper
77 100
97 25.2 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 49.484 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

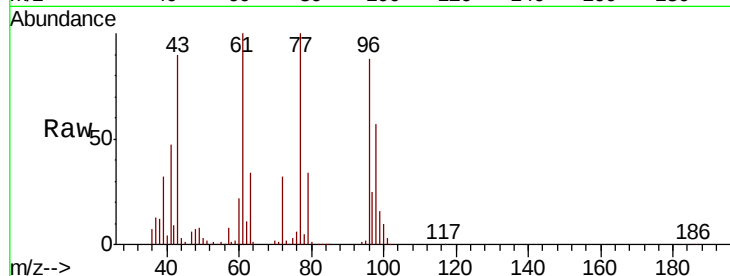
Tot Ion: 96 Resp: 559444

Ion Ratio Lower Upper

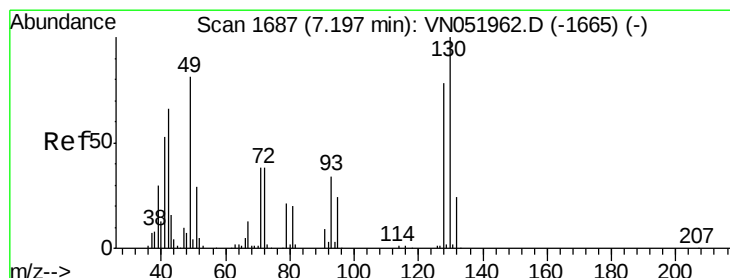
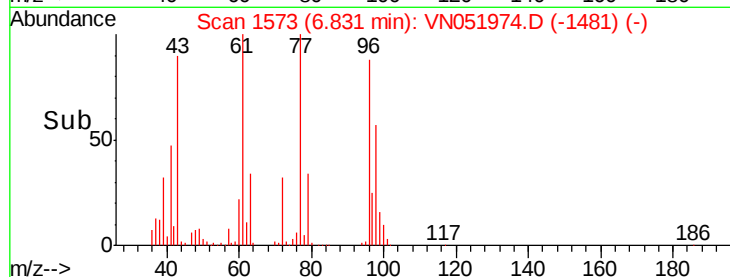
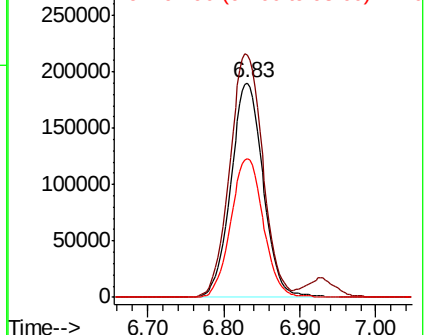
96 100

61 116.0 0.0 234.4

98 65.4 0.0 131.6



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: 45.088 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

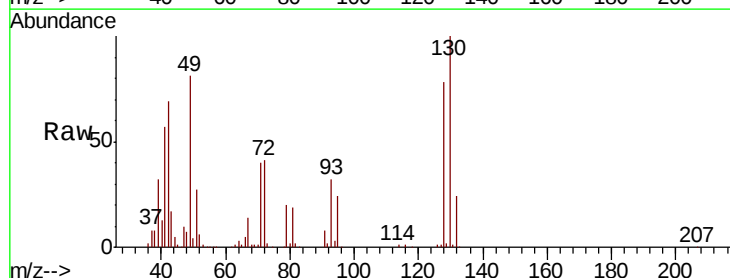
Tgt Ion: 49 Resp: 274468

Ion Ratio Lower Upper

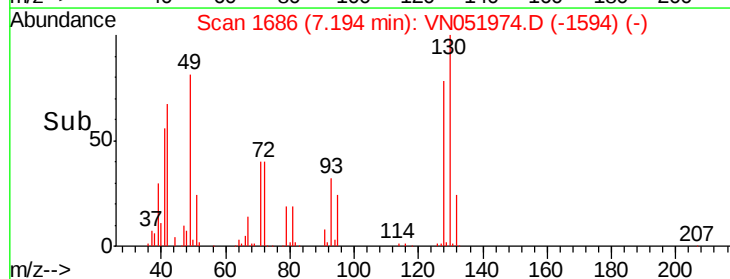
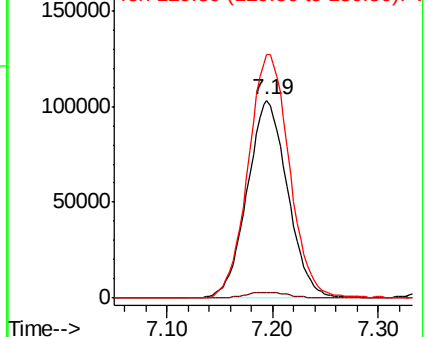
49 100

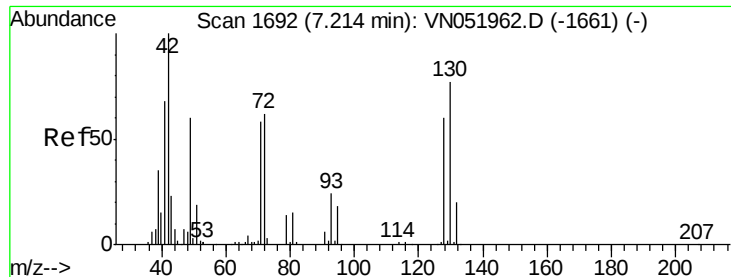
129 3.2 0.0 5.4

130 126.0 97.0 145.6



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

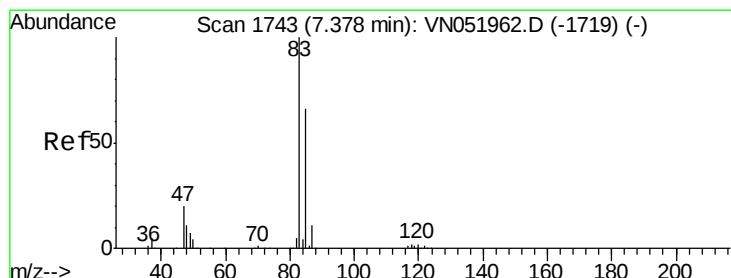
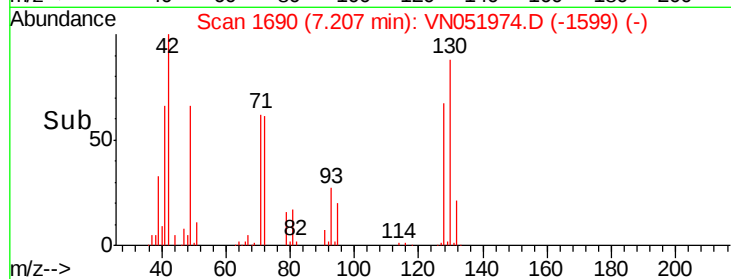
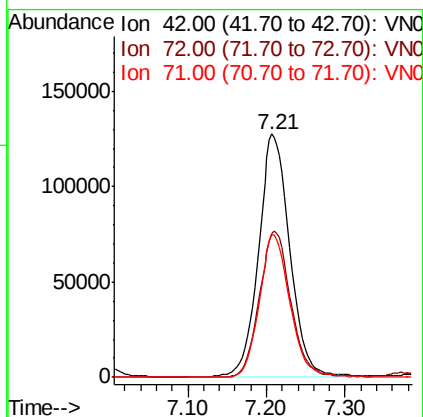
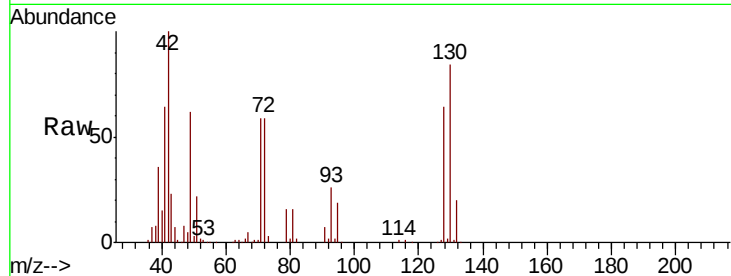




#29
Tetrahydrofuran
Concen: 215.040 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

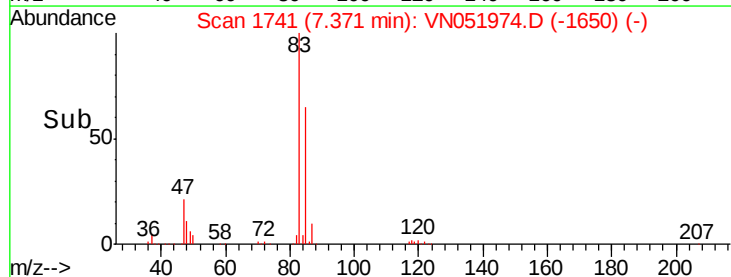
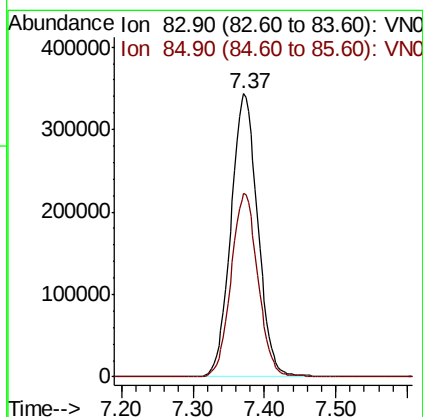
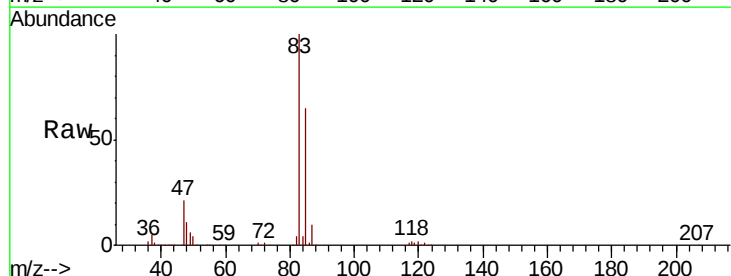
Instrument :
MSVOA_N
ClientSampled :

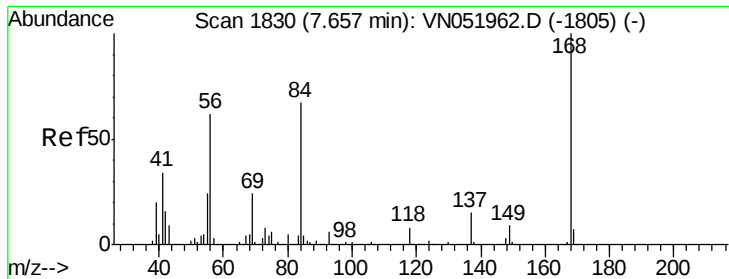
Tot Ion: 42 Resp: 355743
Ion Ratio Lower Upper
42 100
72 60.6 47.5 71.3
71 57.6 45.4 68.2



#30
Chloroform
Concen: 48.804 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 83 Resp: 900084
Ion Ratio Lower Upper
83 100
85 64.6 52.8 79.2

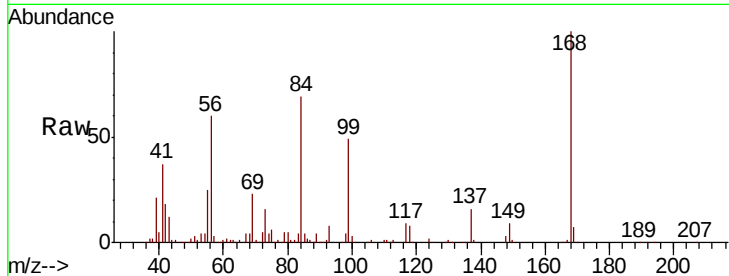




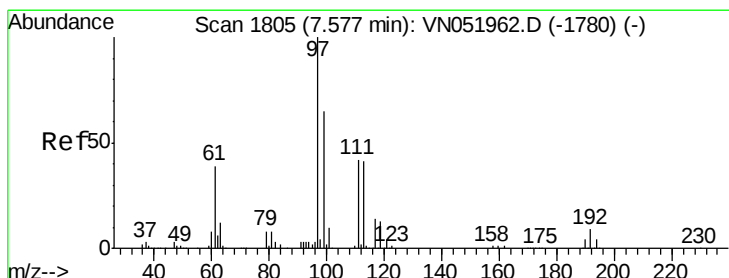
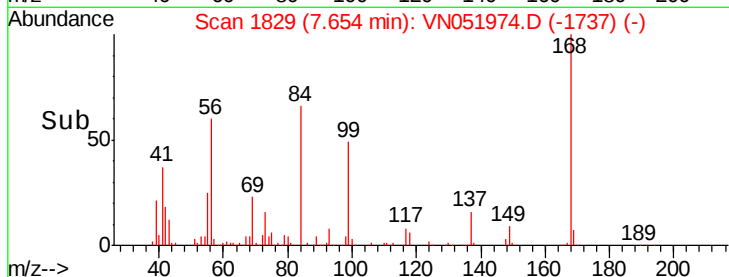
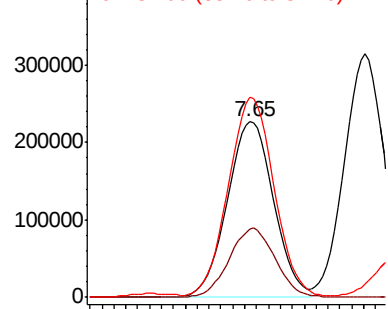
#31
Cyclohexane
Concen: 50.570 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 613190
Ion Ratio Lower Upper
56 100
69 38.6 31.2 46.8
84 112.2 86.3 129.5

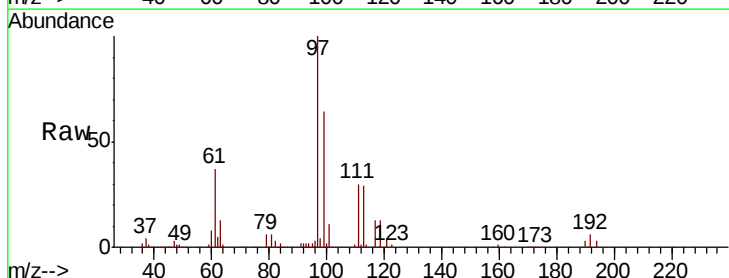


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

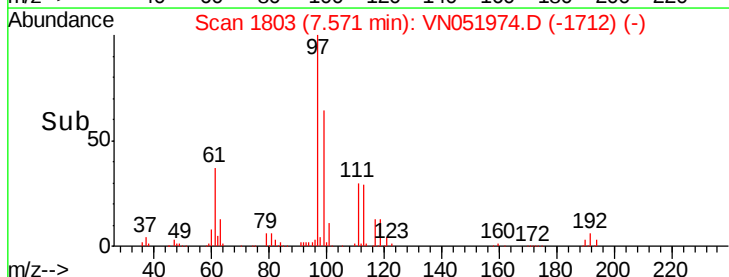
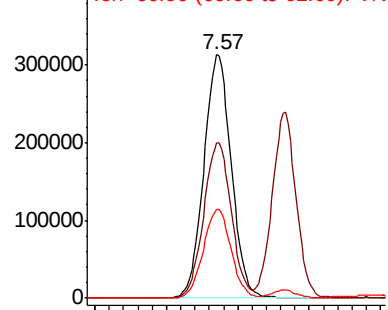


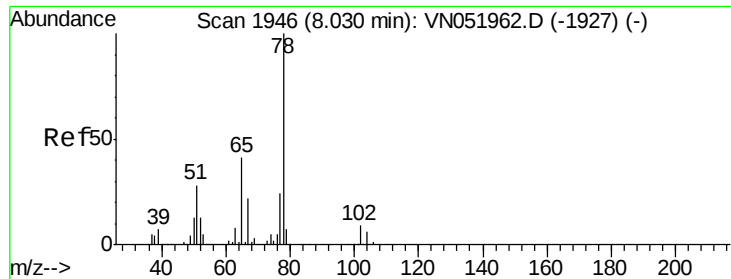
#32
1,1,1-Trichloroethane
Concen: 49.705 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 97 Resp: 838253
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 37.0 30.1 45.1



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

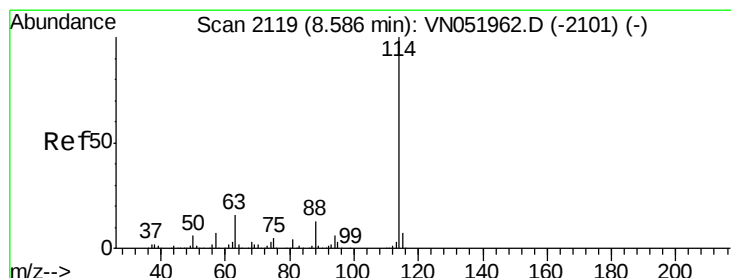
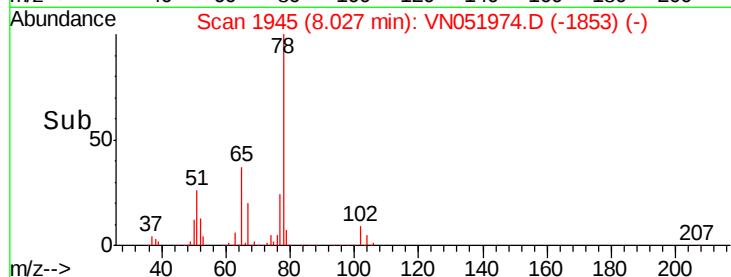
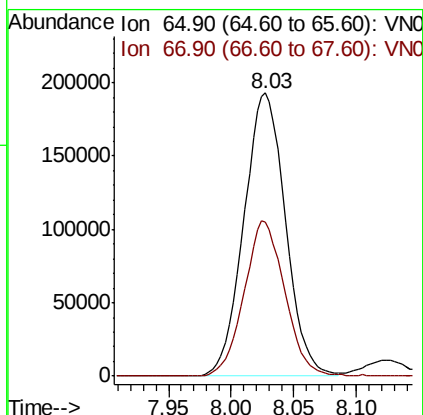
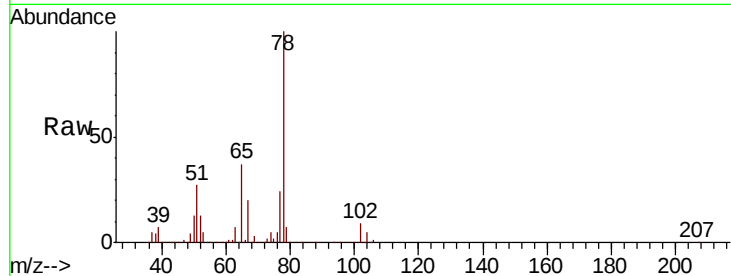




#33
 1,2-Dichloroethane-d4
 Concen: 49.705 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

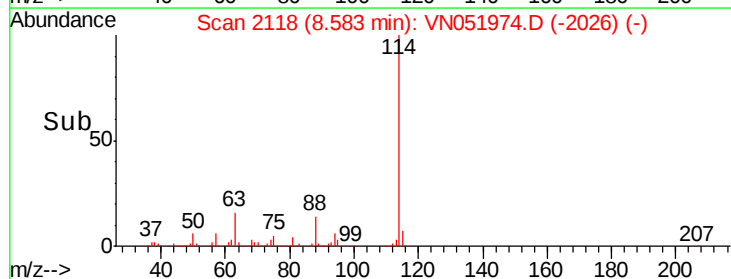
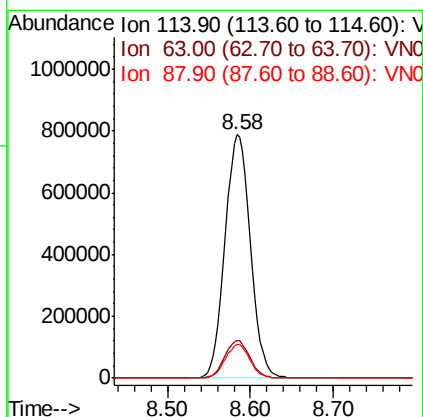
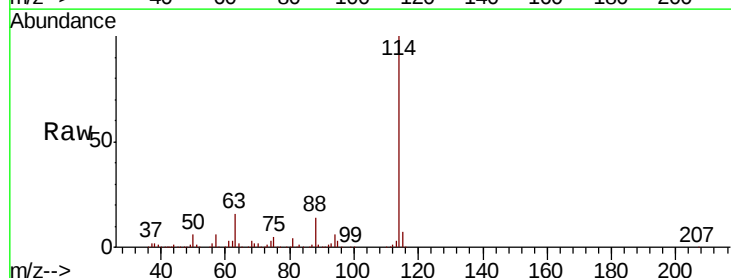
Instrument :
 MSVOA_N
 ClientSampleId :

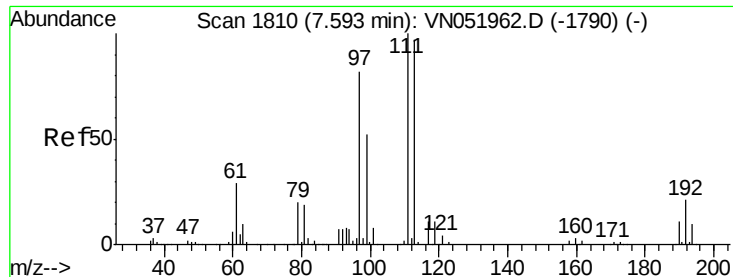
Tot Ion: 65 Resp: 446124
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion: 114 Resp: 1678158
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.2
 88 13.8 0.0 27.0

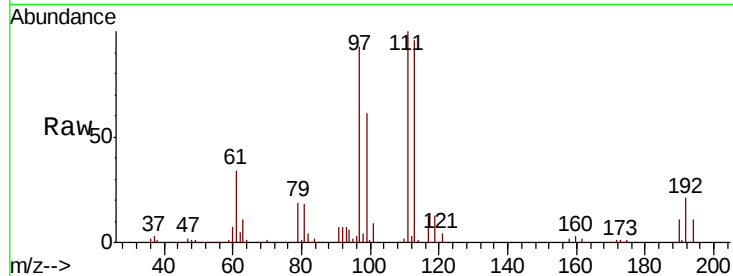




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.7	121.1
192	22.1	17.2	25.8

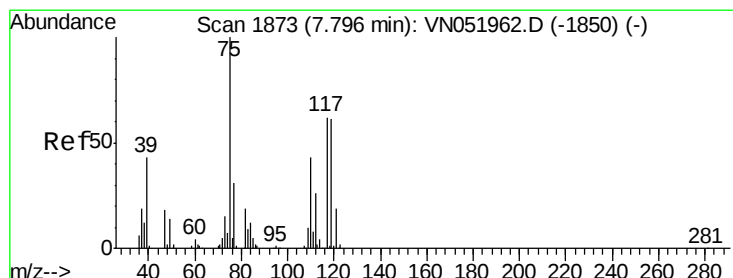
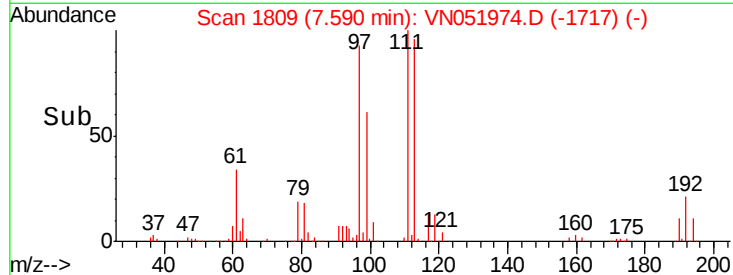
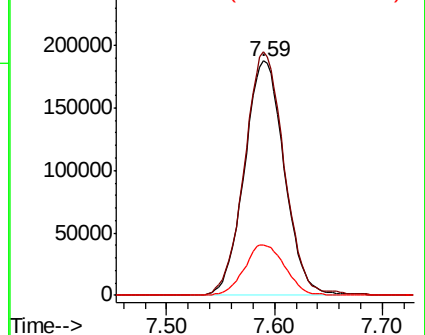


Abundance

Ion 112.80 (112.50 to 113.50): V

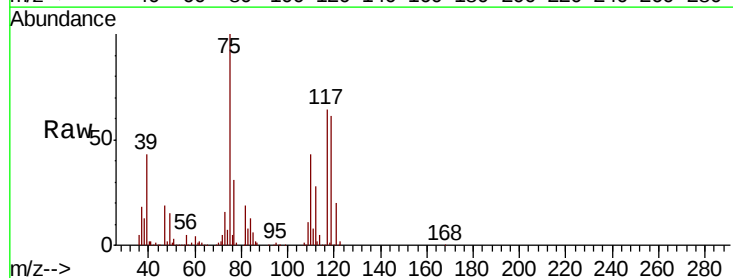
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.950 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.7	20.9	62.8
77	31.3	24.9	37.3

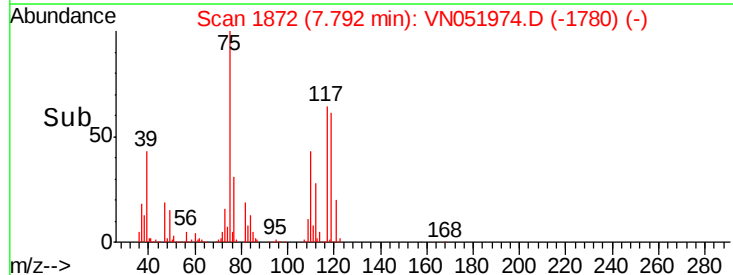
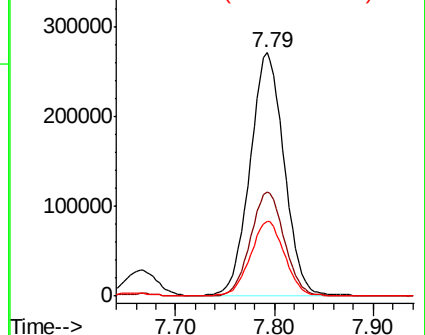


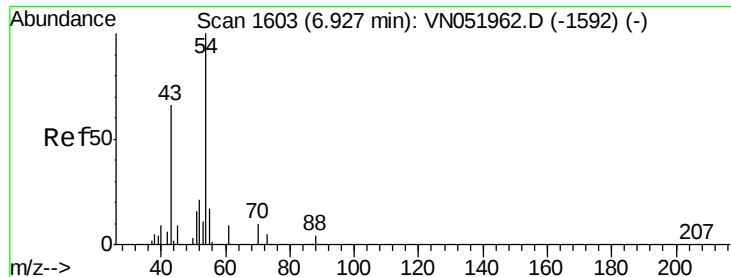
Abundance

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

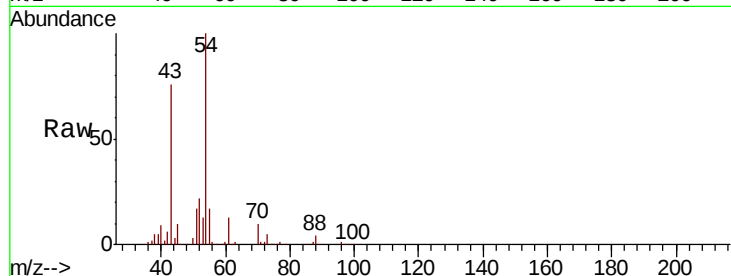




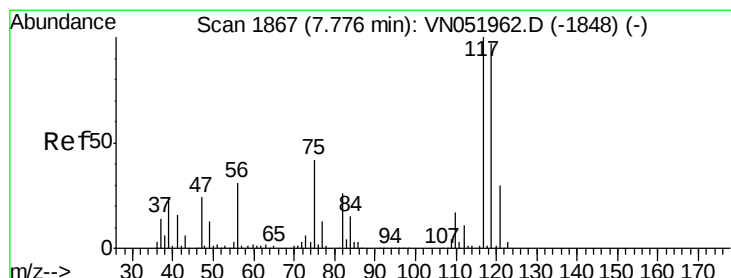
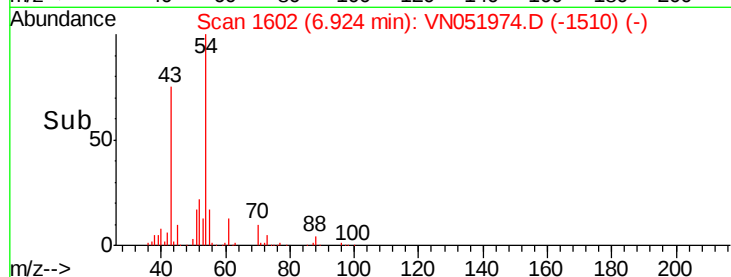
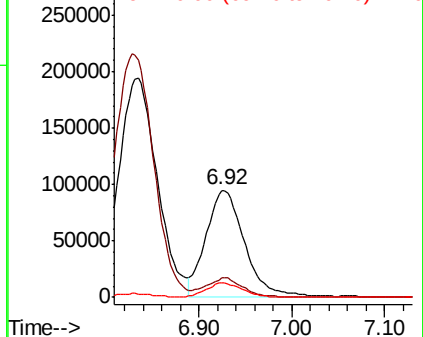
#37
Ethyl Acetate
Concen: 46.971 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 270832
Ion Ratio Lower Upper
43 100
61 16.3 13.5 20.3
70 13.0 9.8 14.6

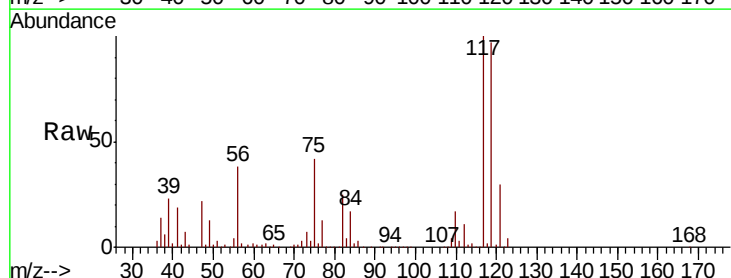


Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1592) (-)
Ion 60.90 (60.60 to 61.60): VN051962.D (-1592) (-)
Ion 70.00 (69.70 to 70.70): VN051962.D (-1592) (-)

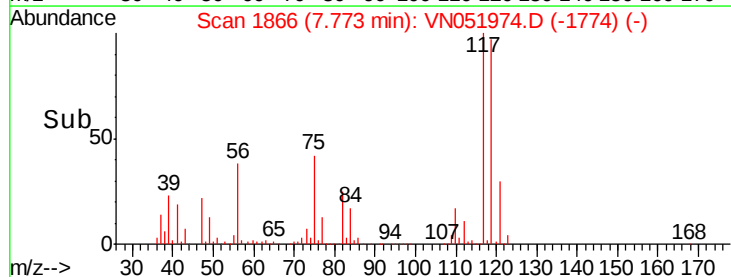
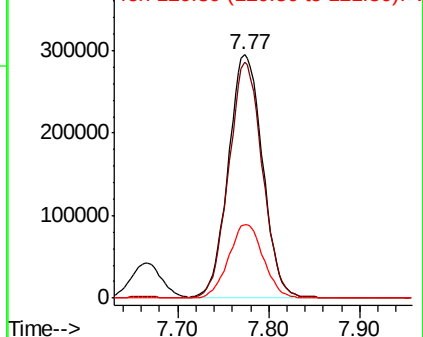


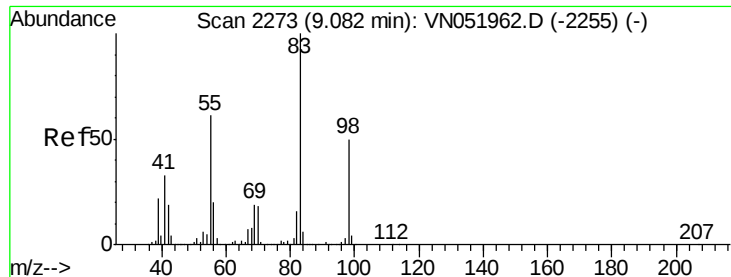
#38
Carbon Tetrachloride
Concen: 52.229 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 117 Resp: 771862
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 30.4 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VN051962.D (-1848) (-)
Ion 118.80 (118.50 to 119.50): VN051962.D (-1848) (-)
Ion 120.80 (120.50 to 121.50): VN051962.D (-1848) (-)

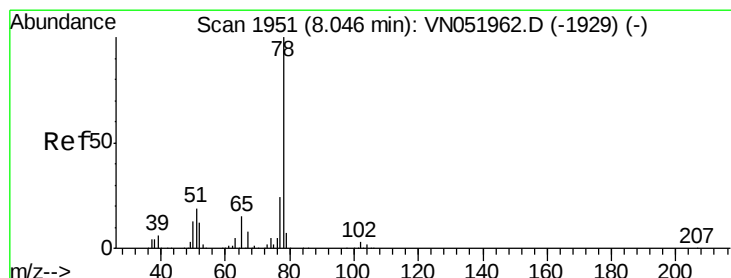
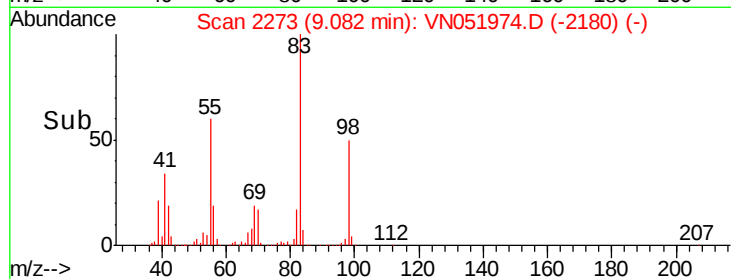
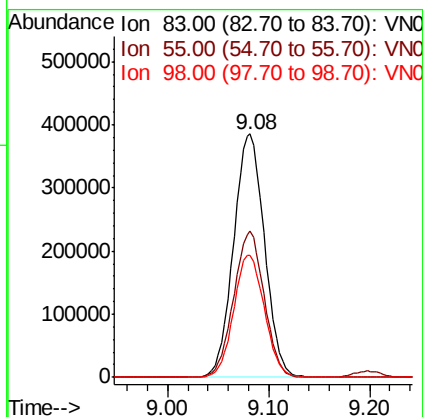
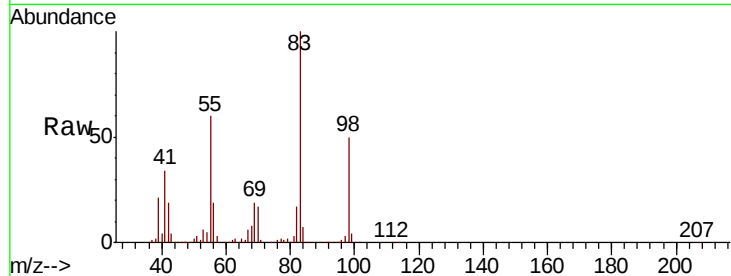




#39
Methvlcvclohexane
Concen: 52.188 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

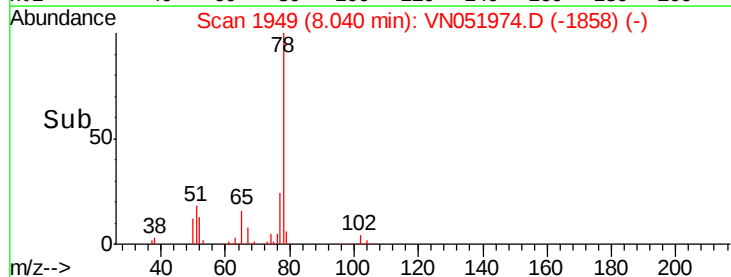
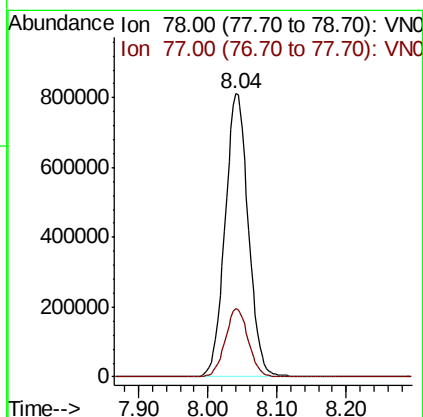
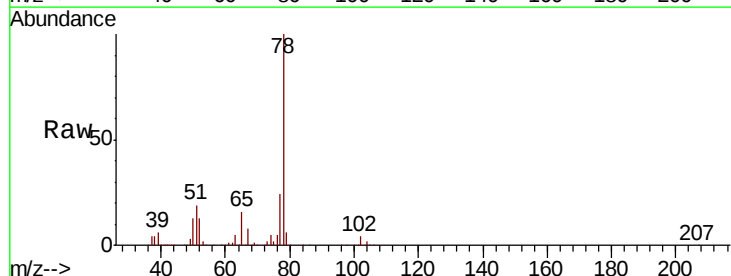
Instrument :
MSVOA_N
ClientSampled :

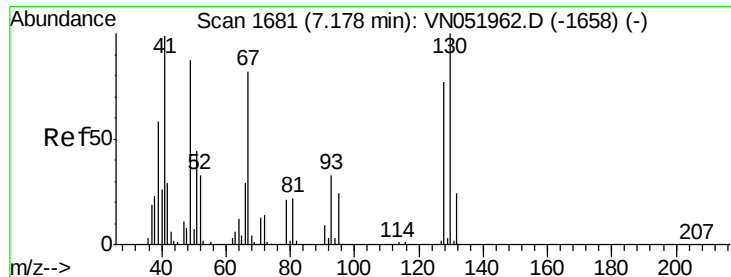
Tot Ion: 83 Resp: 820549
Ion Ratio Lower Upper
83 100
55 59.9 48.9 73.3
98 50.1 40.2 60.2



#40
Benzene
Concen: 49.834 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.01 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 78 Resp: 1904724
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41

Methacrylonitrile

Concen: 47.489 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 137371

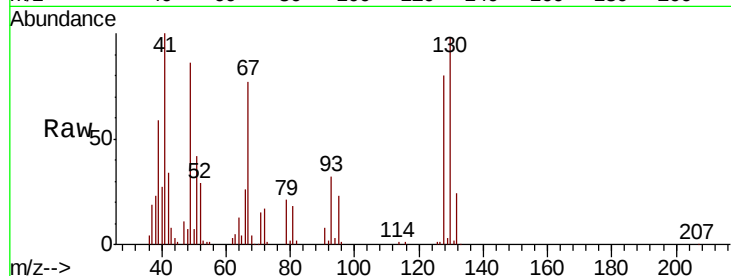
Ion Ratio Lower Upper

41 100

39 63.5 53.1 79.7

67 111.1 93.8 140.6

52 40.6 35.2 52.8



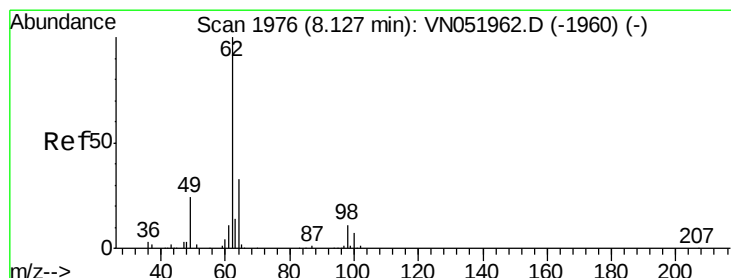
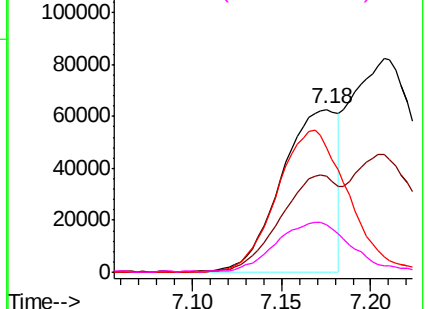
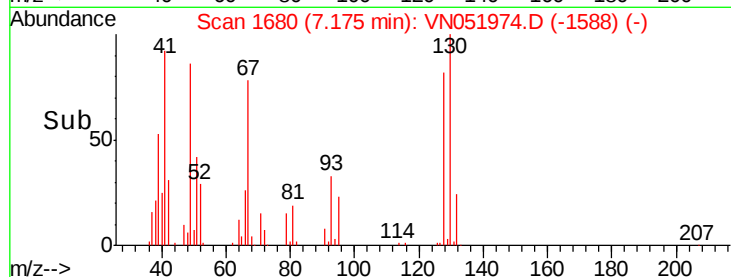
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 47.733 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN051974.D

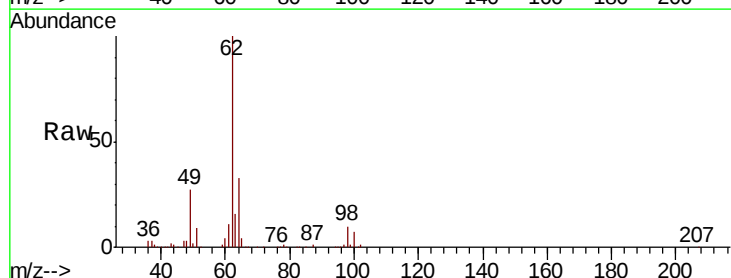
Acq: 24 Oct 2018 8:39

Tgt Ion: 62 Resp: 584958

Ion Ratio Lower Upper

62 100

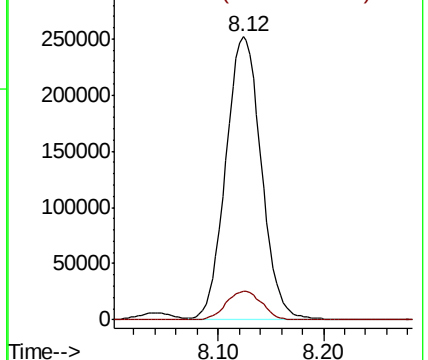
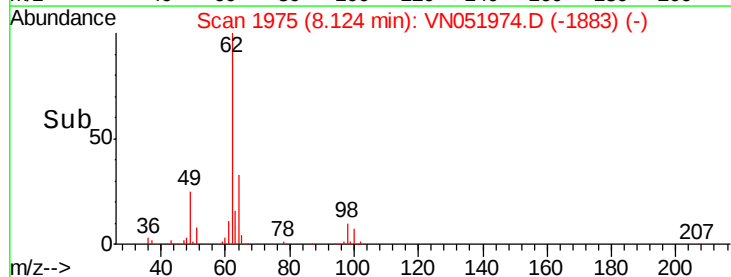
98 10.4 0.0 20.6

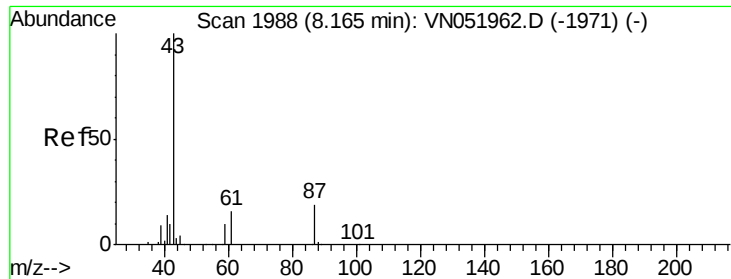


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 47.649 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampled :

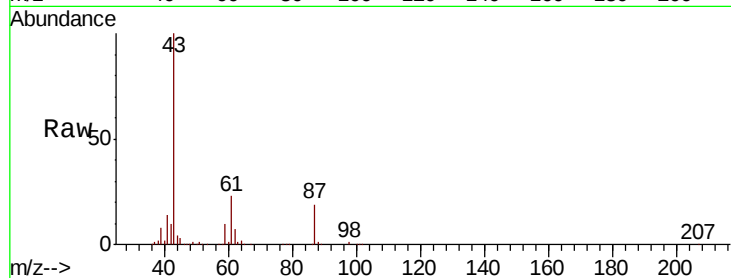
Tot Ion: 43 Resp: 513691

Ion Ratio Lower Upper

43 100

61 22.1 17.2 25.8

87 18.8 15.2 22.8

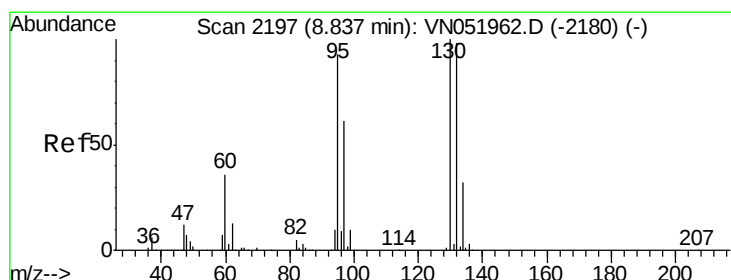
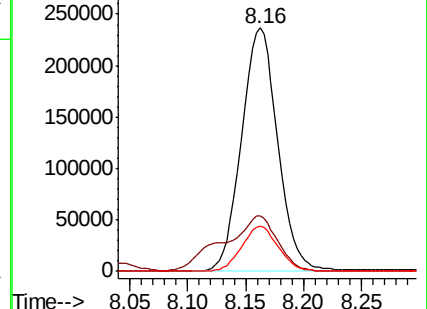
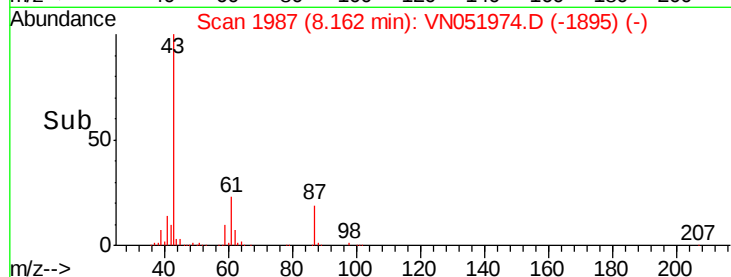


Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN051962.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN051962.D (-1971) (-)

Time-->



#44

Trichloroethene

Concen: 50.921 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051974.D

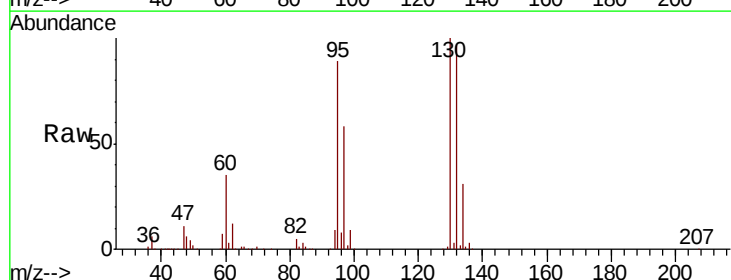
Acq: 24 Oct 2018 8:39

Tgt Ion:130 Resp: 624715

Ion Ratio Lower Upper

130 100

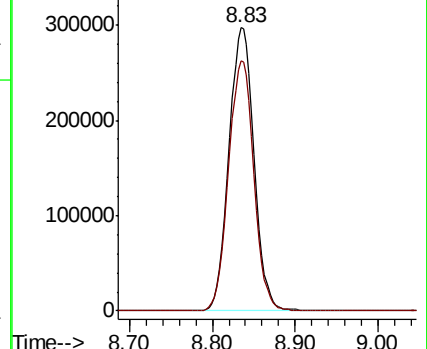
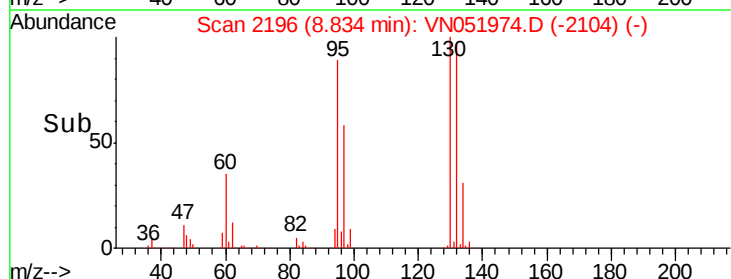
95 88.6 0.0 185.2

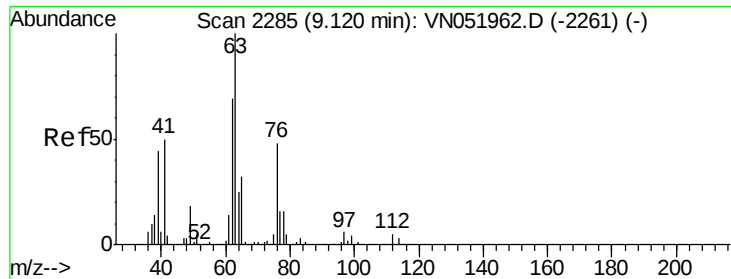


Abundance Ion 129.80 (129.50 to 130.50): VN051962.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051962.D (-2180) (-)

Time-->

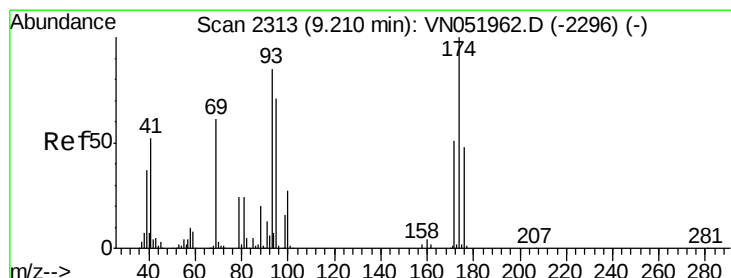
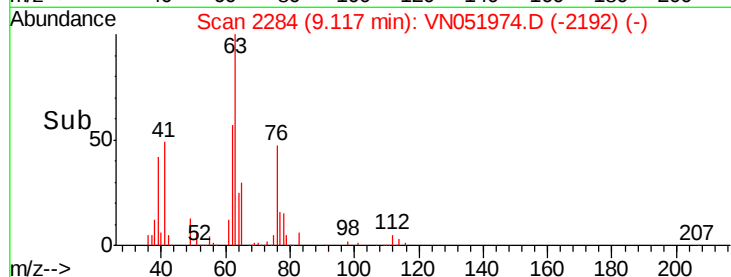
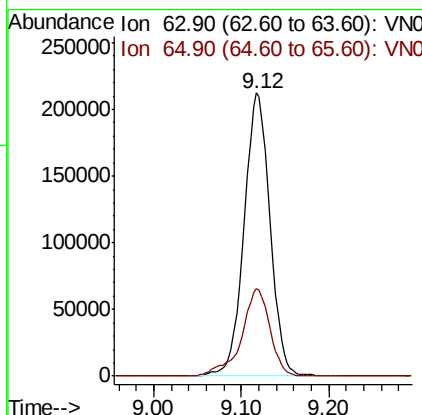
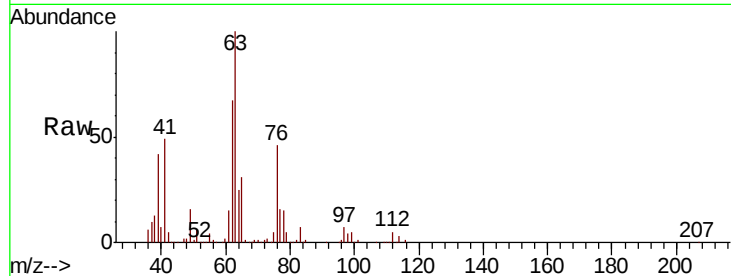




#45
 1,2-Dichloropropane
 Concen: 50.503 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

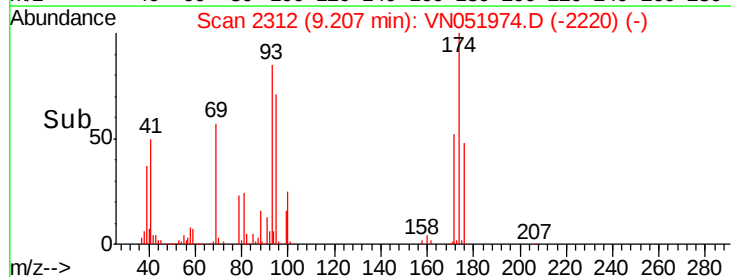
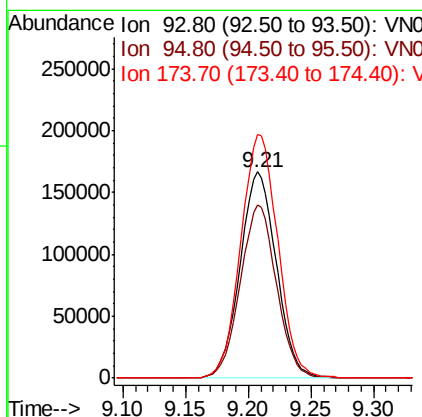
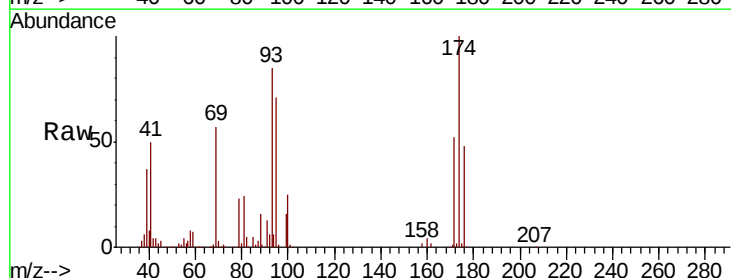
Instrument :
 MSVOA_N
 ClientSampleId :

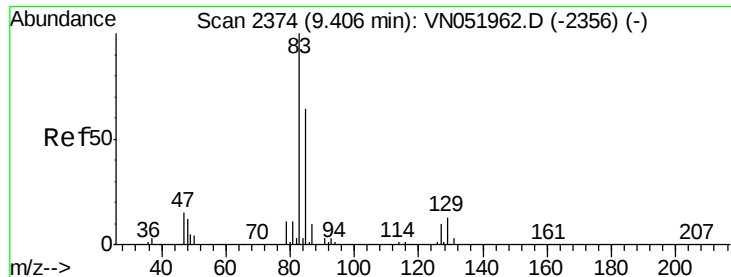
Tot Ion: 63 Resp: 436661
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.8 38.6



#46
 Dibromomethane
 Concen: 48.224 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion: 93 Resp: 336109
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.7 100.1
 174 120.8 93.8 140.6





#47

Bromodichloromethane

Concen: 51.381 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampleId :

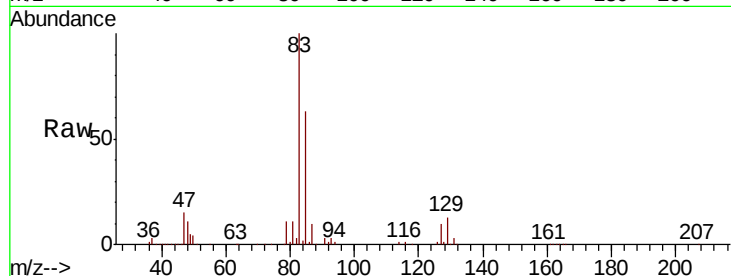
Tot Ion: 83 Resp: 676327

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.4

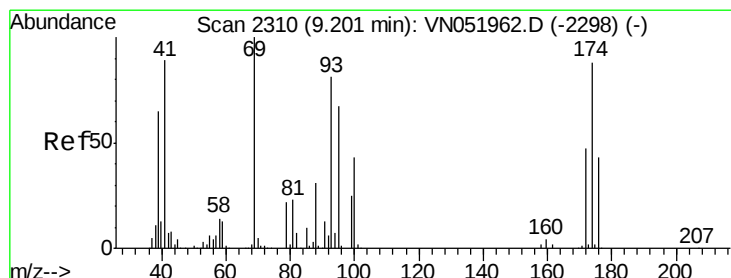
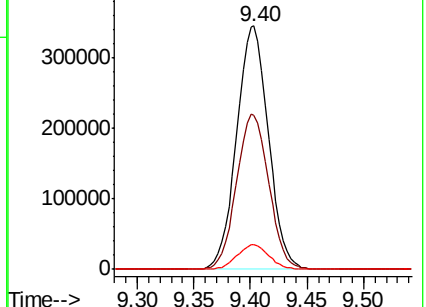
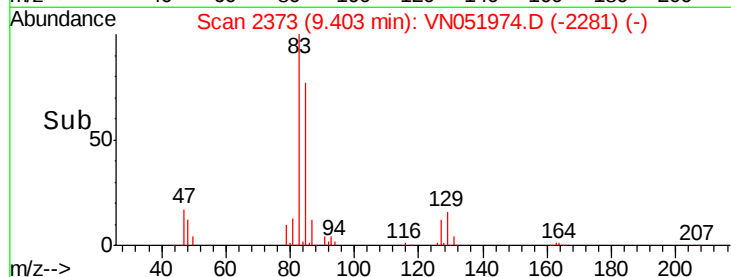
127 10.2 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VN051962.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051962.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051962.D (-2356) (-)



#48

Methyl methacrylate

Concen: 47.245 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

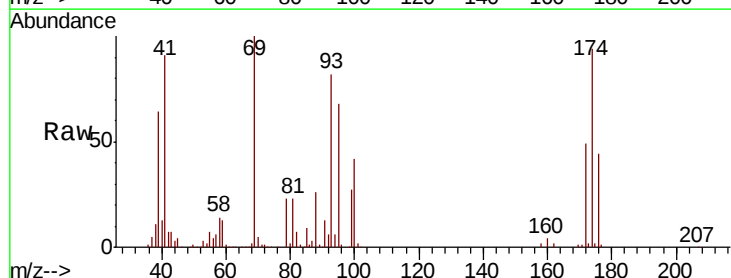
Tgt Ion: 41 Resp: 246186

Ion Ratio Lower Upper

41 100

69 114.7 92.2 138.4

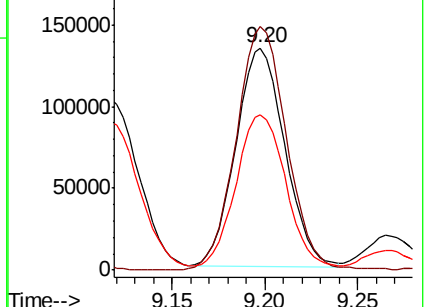
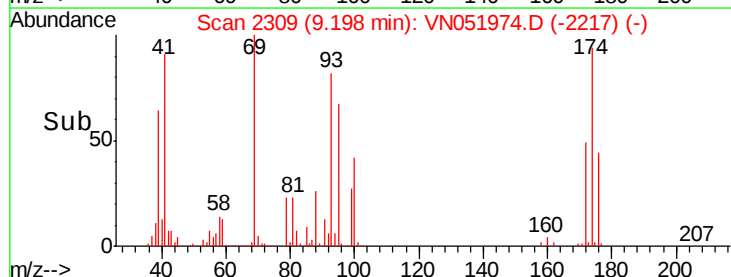
39 70.1 60.2 90.4

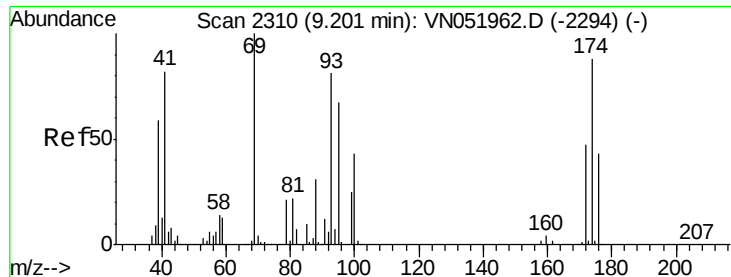


Abundance Ion 41.00 (40.70 to 41.70): VN051962.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN051962.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN051962.D (-2298) (-)





#49

1,4-Dioxane

Concen: 838.594 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

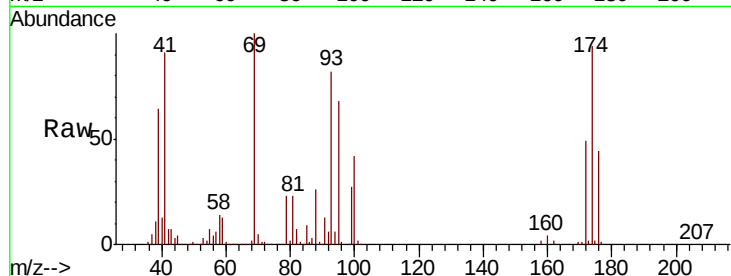
Tot Ion: 88 Resp: 80127

Ion Ratio Lower Upper

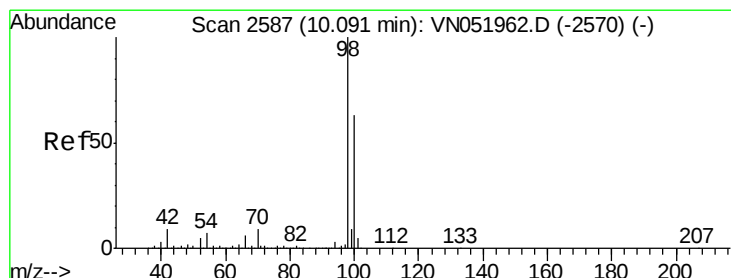
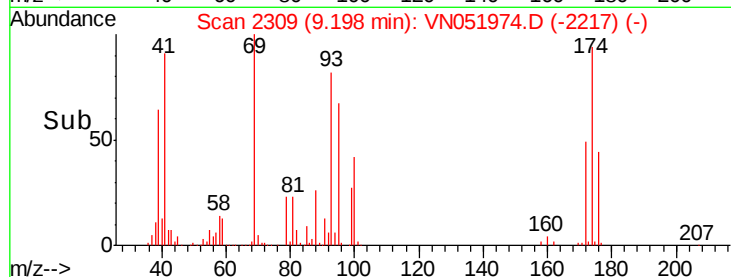
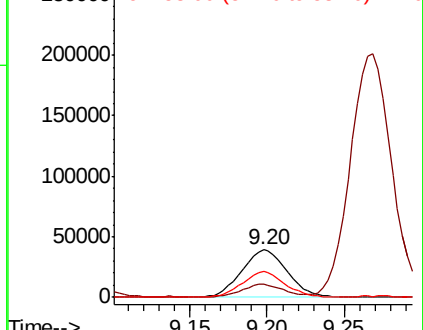
88 100

43 25.0 18.8 28.2

58 51.4 39.8 59.6



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



#50

Toluene-d8

Concen: 838.594 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051974.D

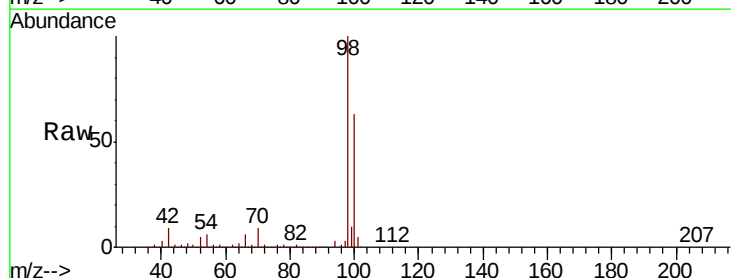
Acq: 24 Oct 2018 8:39

Tgt Ion: 98 Resp: 1783176

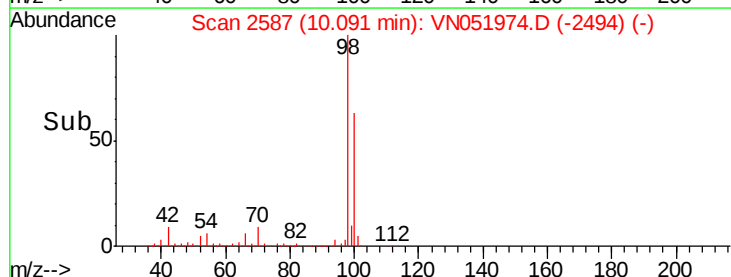
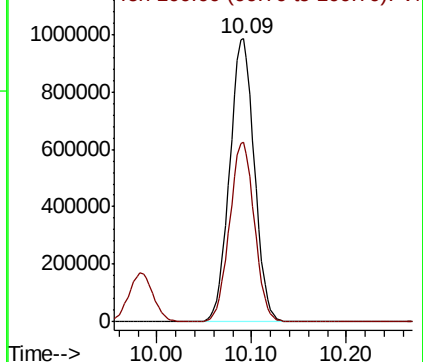
Ion Ratio Lower Upper

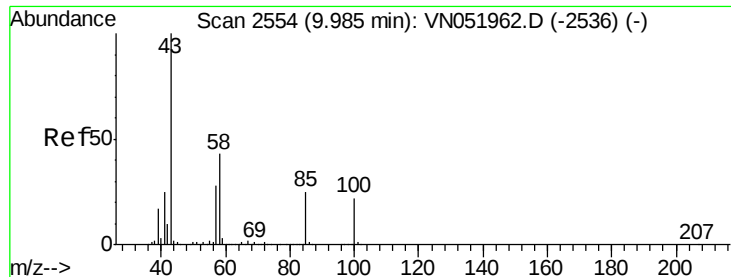
98 100

100 63.6 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 229.948 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

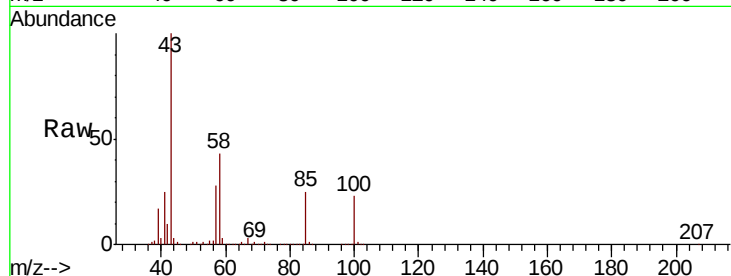
ClientSampleId :

Tot Ion: 43 Resp: 1363615

Ion Ratio Lower Upper

43 100

58 43.2 34.8 52.2



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-2536) (-)

800000

600000

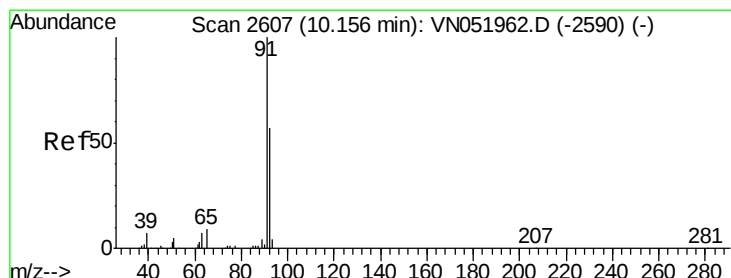
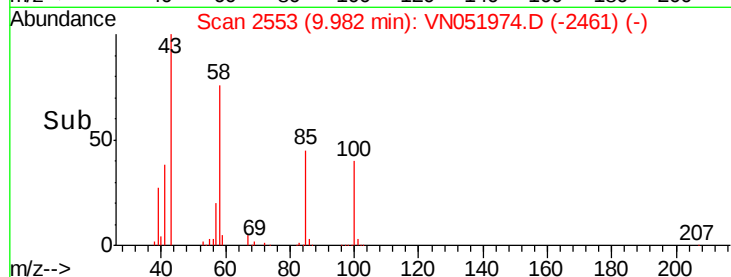
400000

200000

0

9.90 9.98 10.00 10.10

Time-->



#52

Toluene

Concen: 51.407 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN051974.D

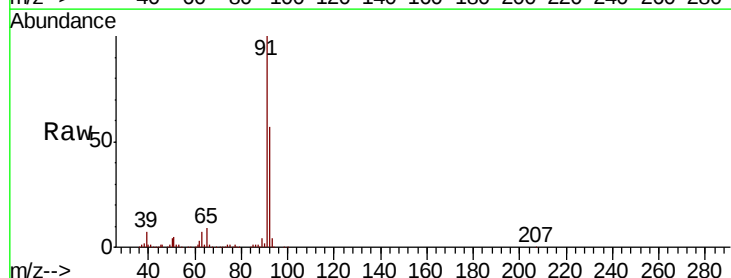
Acq: 24 Oct 2018 8:39

Tgt Ion: 92 Resp: 1332389

Ion Ratio Lower Upper

92 100

91 174.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN051962.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051962.D (-2590) (-)

1500000

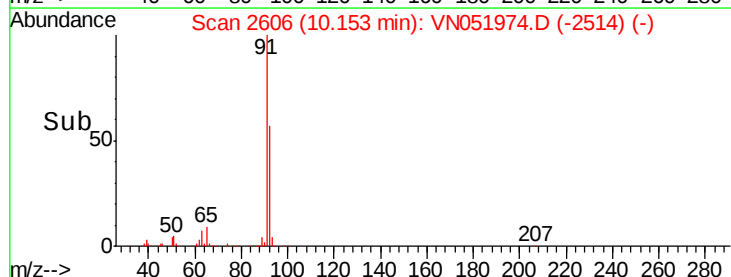
1000000

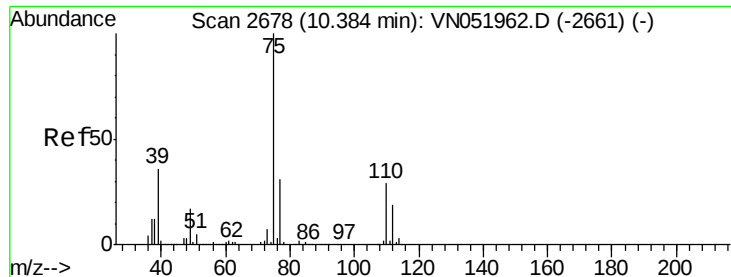
500000

0

10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.175 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

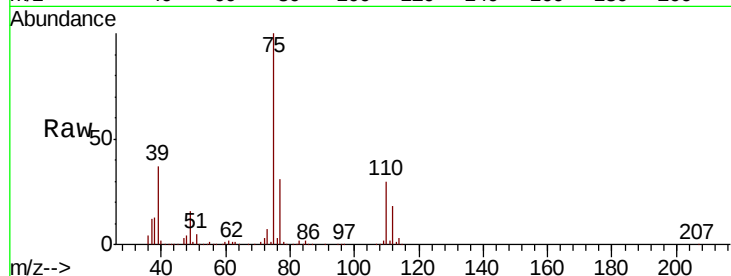
ClientSampleId :

Tot Ion: 75 Resp: 660765

Ion Ratio Lower Upper

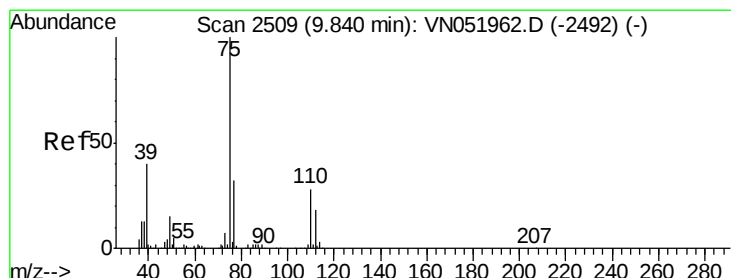
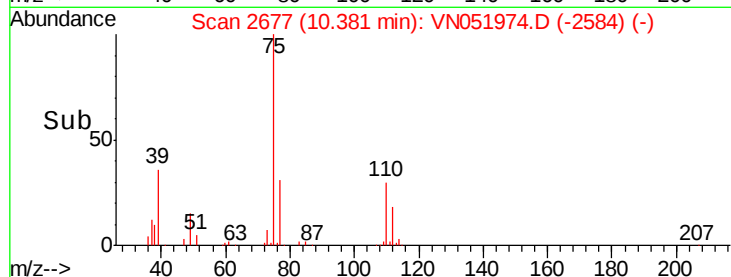
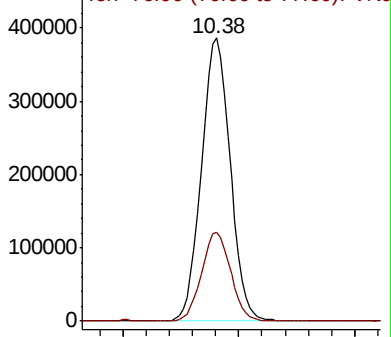
75 100

77 31.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.821 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

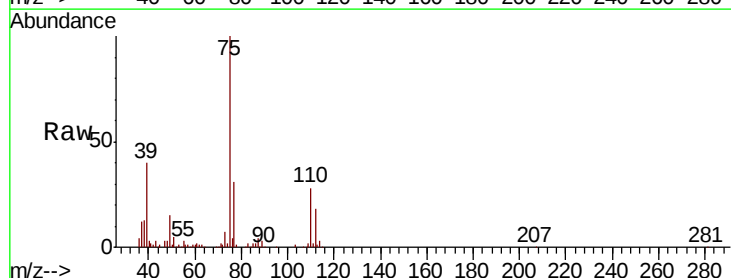
Tgt Ion: 75 Resp: 740473

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

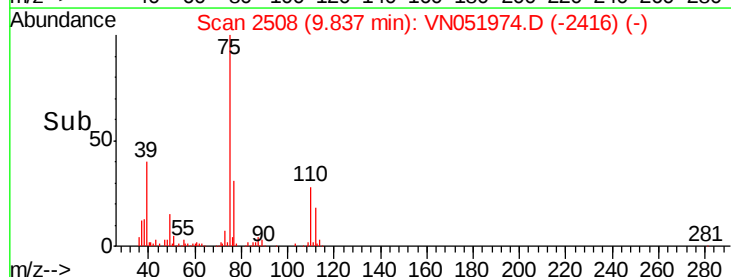
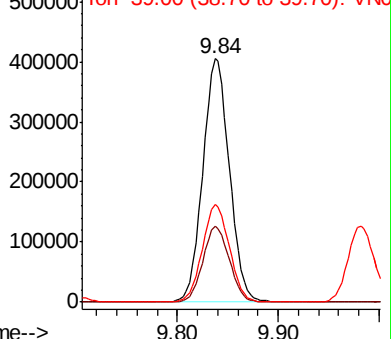
39 40.2 32.0 48.0

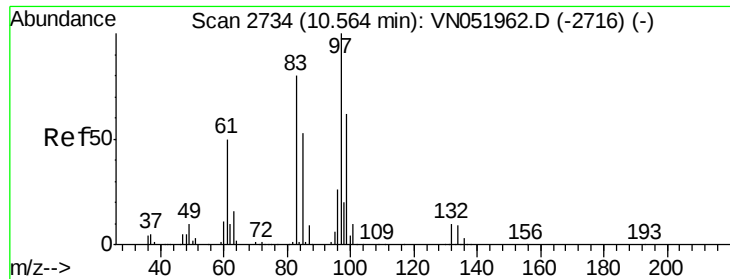


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.669 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 466067

Ion	Ratio	Lower	Upper
97	100		
83	82.0	64.0	96.0
85	52.8	42.4	63.6
99	63.4	49.4	74.2

Abundance

Ion 96.90 (96.60 to 97.60): VNO

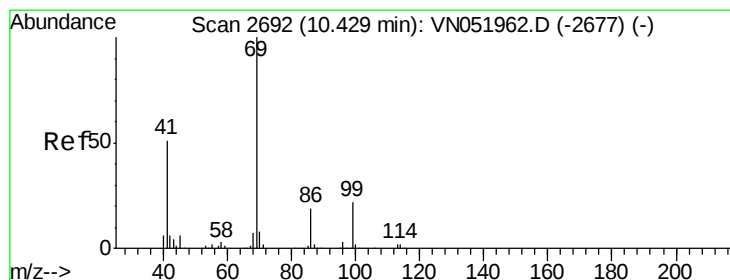
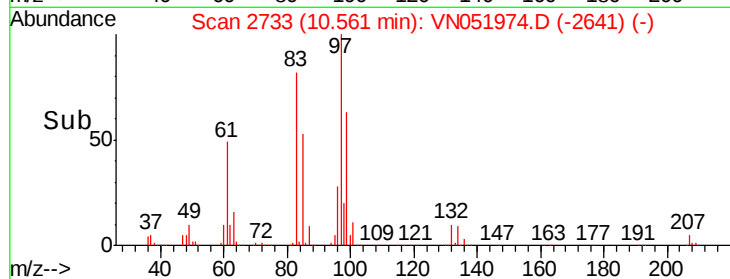
Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

10.56

Time-->



#56

Ethyl methacrylate

Concen: 49.505 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Tgt Ion: 69 Resp: 509597

Ion	Ratio	Lower	Upper
69	100		
41	50.0	40.7	61.1
39	36.4	29.3	43.9

Abundance

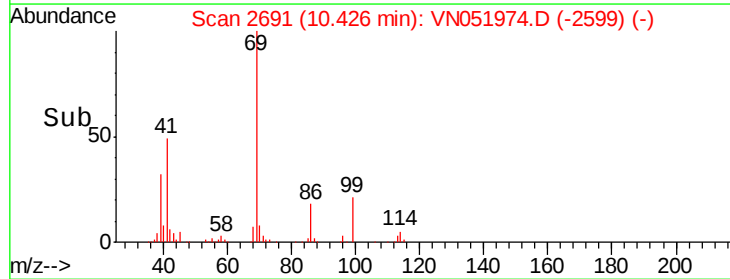
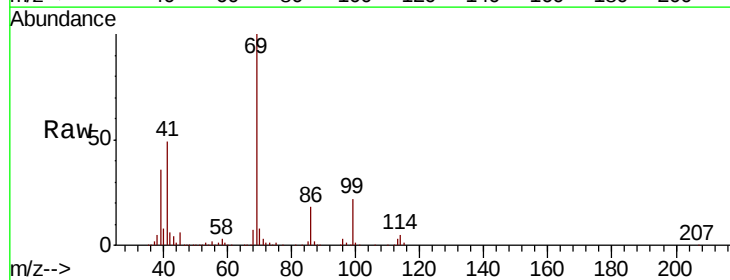
Ion 69.00 (68.70 to 69.70): VNO

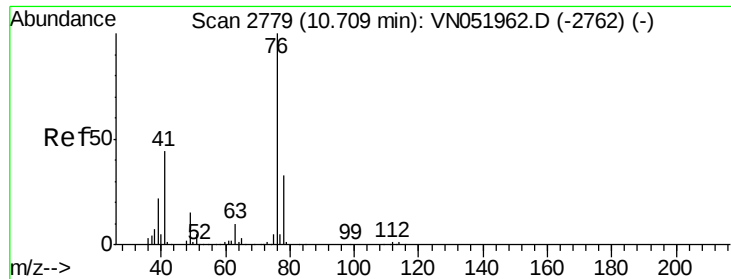
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

10.43

Time-->

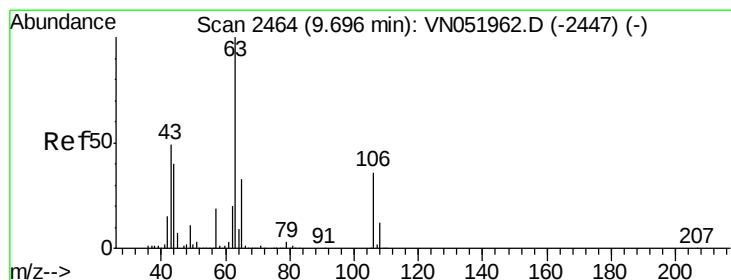
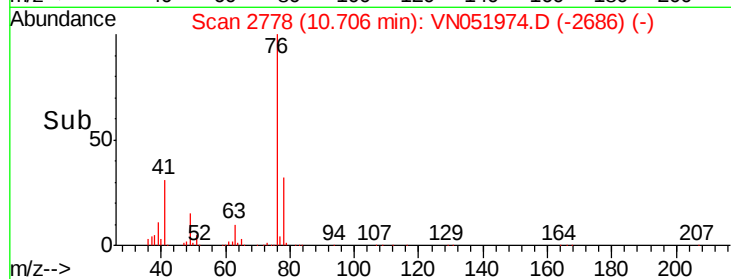
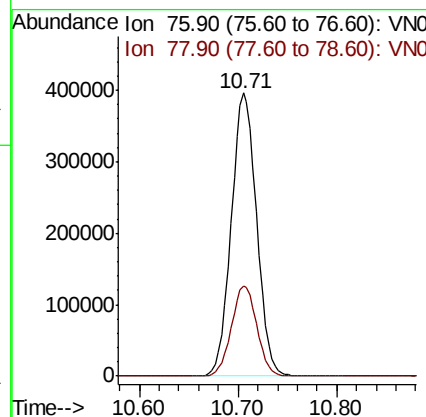
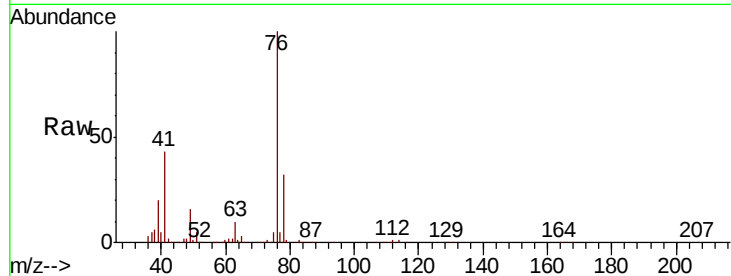




#57
 1,3-Dichloropropane
 Concen: 49.003 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

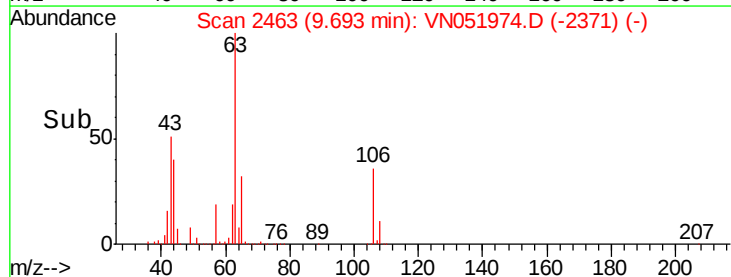
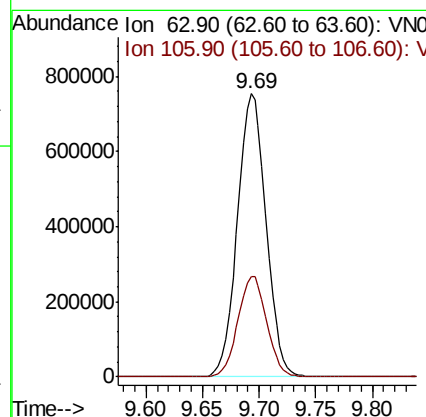
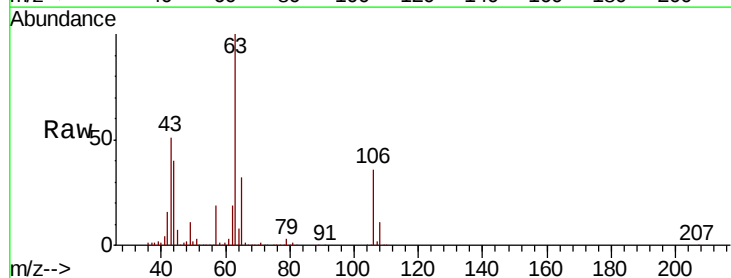
Instrument :
 MSVOA_N
 ClientSampled :

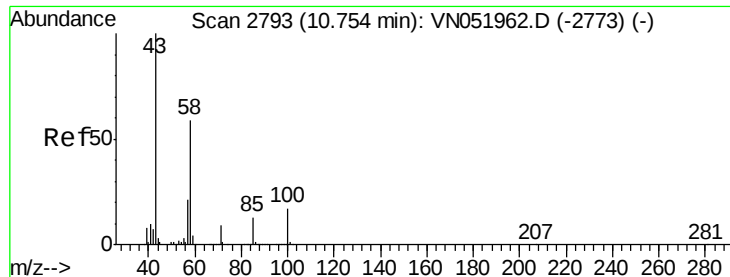
Tot Ion: 76 Resp: 712397
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.032 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion: 63 Resp: 1330554
 Ion Ratio Lower Upper
 63 100
 106 35.6 28.3 42.5

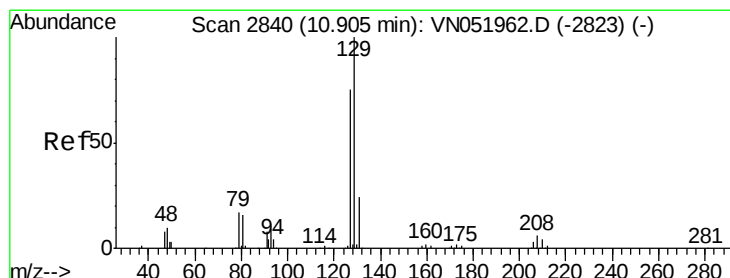
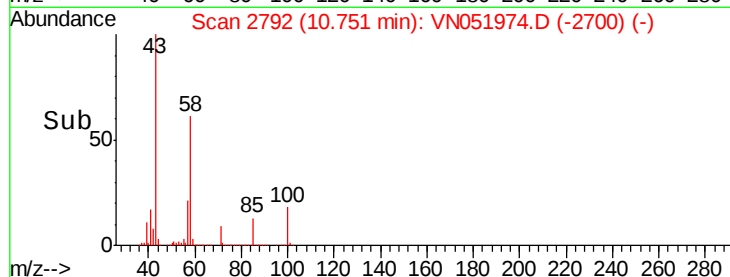
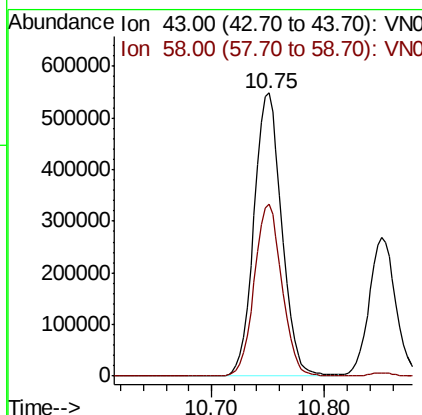
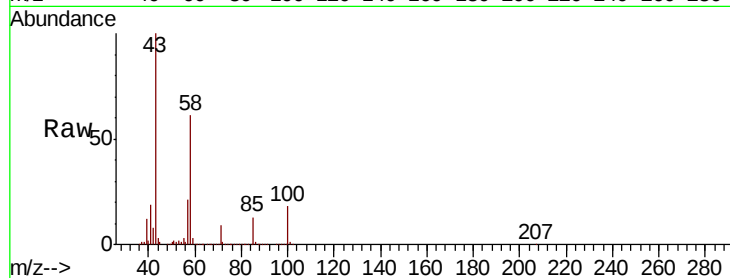




#59
2-Hexanone
Concen: 234.989 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

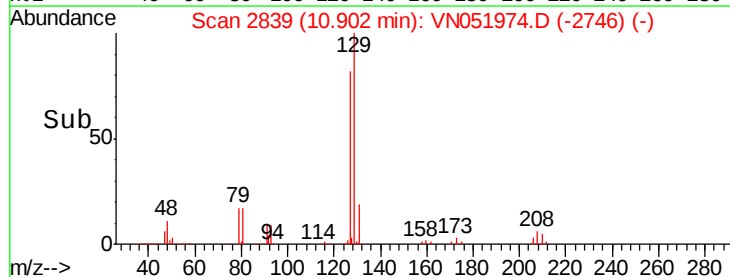
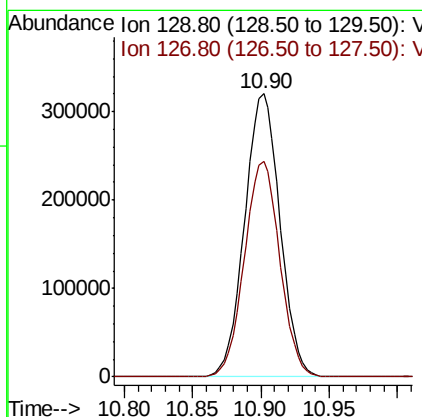
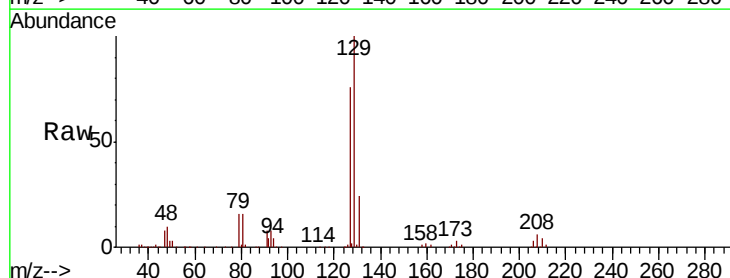
Instrument :
MSVOA_N
ClientSampleId :

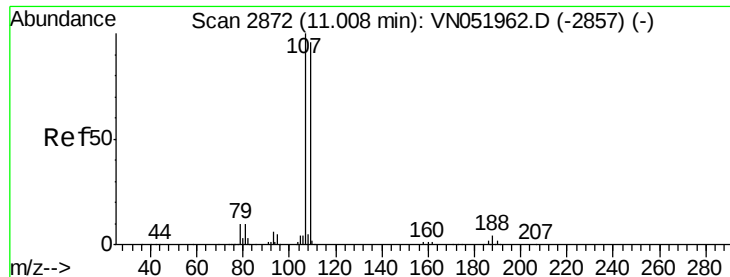
Tot Ion: 43 Resp: 936292
Ion Ratio Lower Upper
43 100
58 60.4 29.9 89.8



#60
Dibromochloromethane
Concen: 47.333 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 129 Resp: 576891
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.0

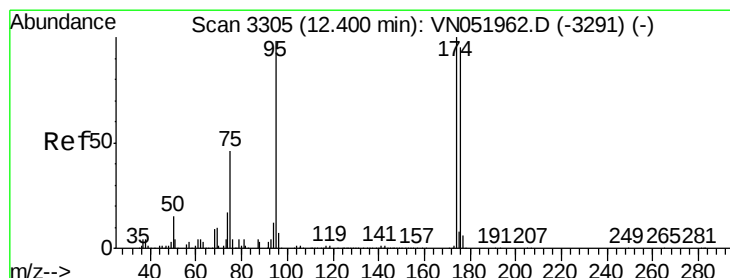
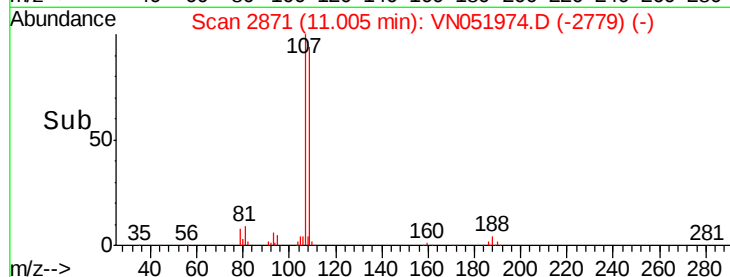
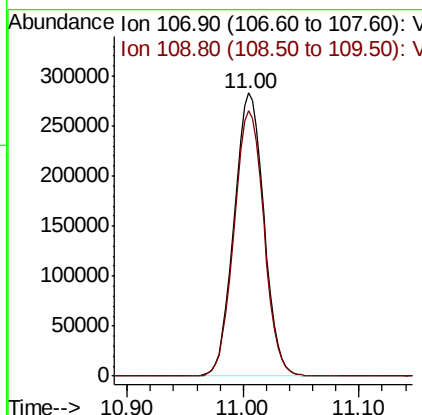
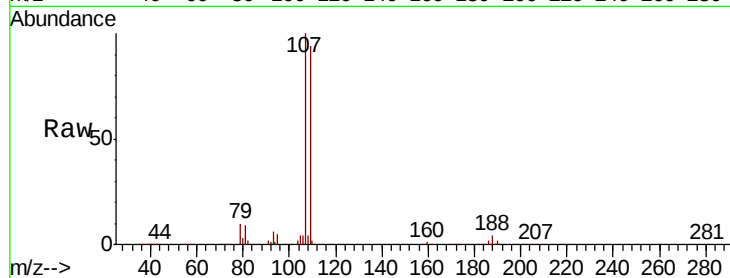




#61
 1,2-Dibromoethane
 Concen: 49.830 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

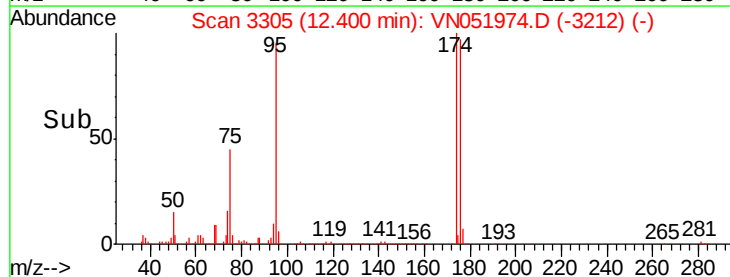
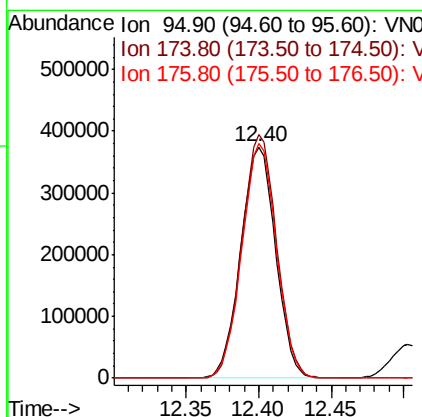
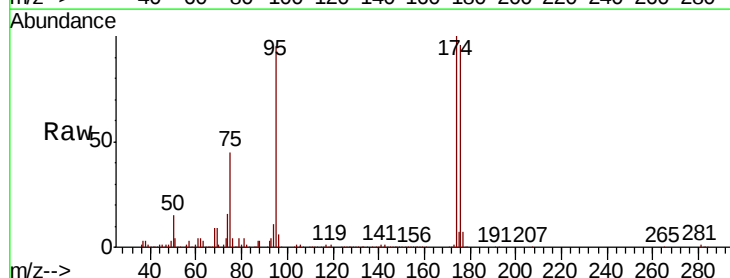
Instrument :
 MSVOA_N
 ClientSampleId :

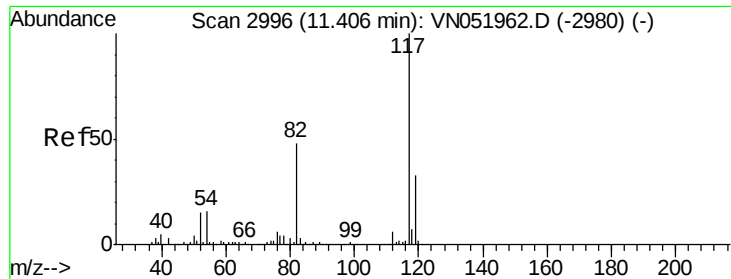
Tot Ion:107 Resp: 503138
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.830 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion: 95 Resp: 627404
 Ion Ratio Lower Upper
 95 100
 174 105.2 0.0 206.0
 176 100.7 0.0 198.0

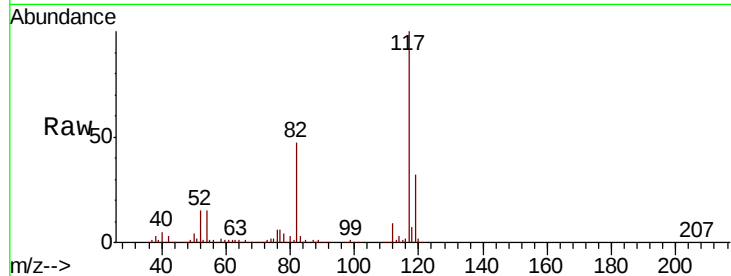




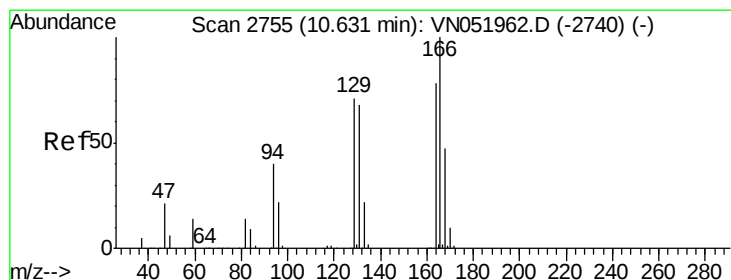
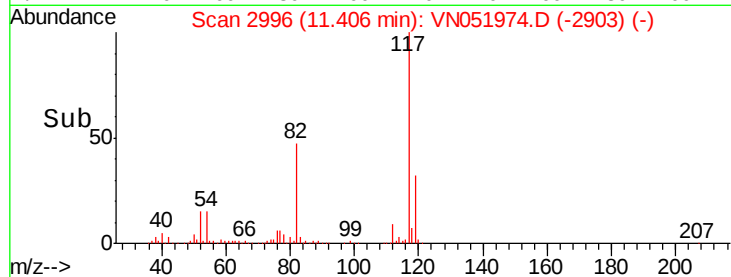
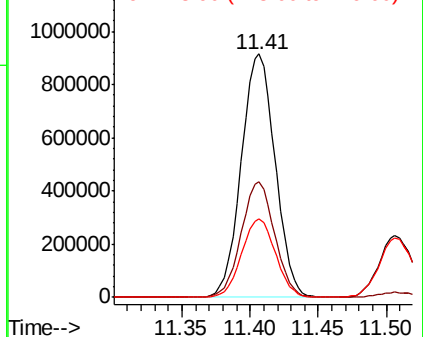
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1576272
Ion Ratio Lower Upper
117 100
82 47.3 38.1 57.1
119 32.1 26.4 39.6

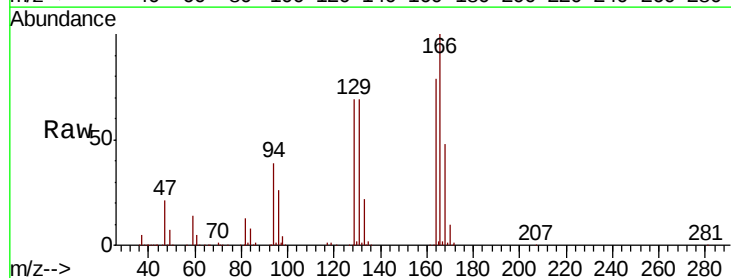


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

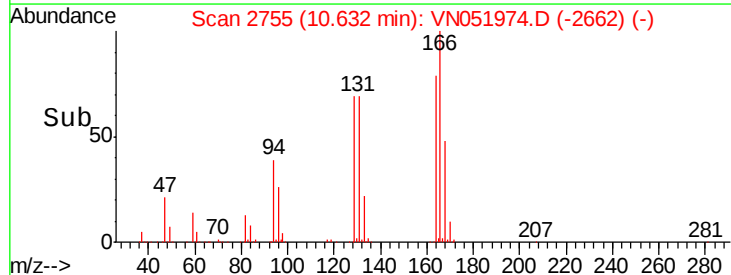
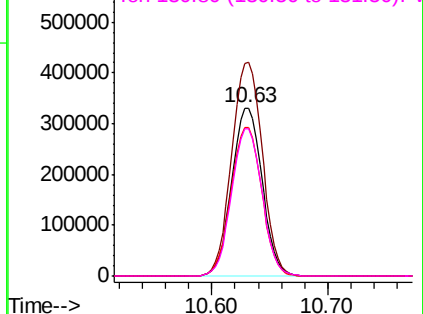


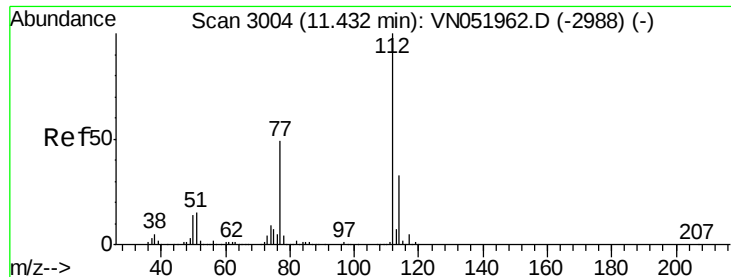
#64
Tetrachloroethene
Concen: 49.720 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion:164 Resp: 601536
Ion Ratio Lower Upper
164 100
166 127.1 103.1 154.7
129 88.0 73.6 110.4
131 87.3 70.3 105.5



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

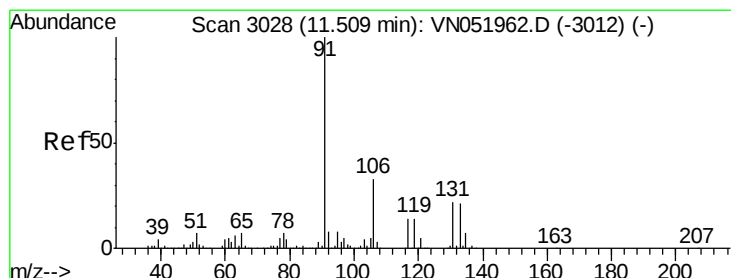
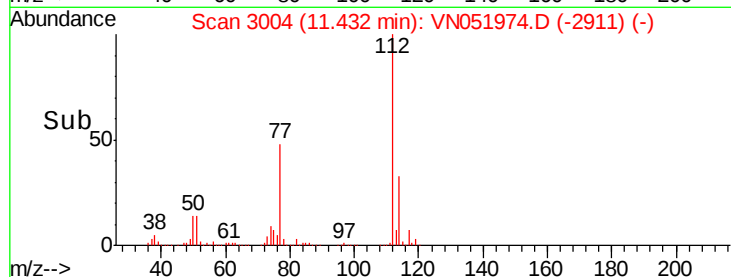
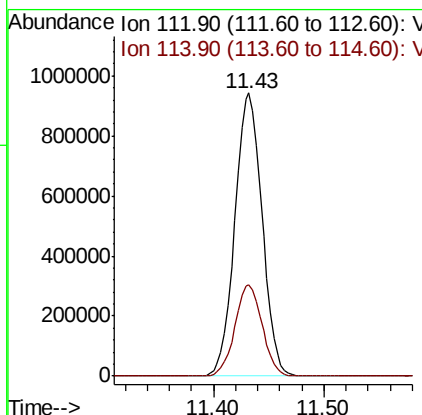
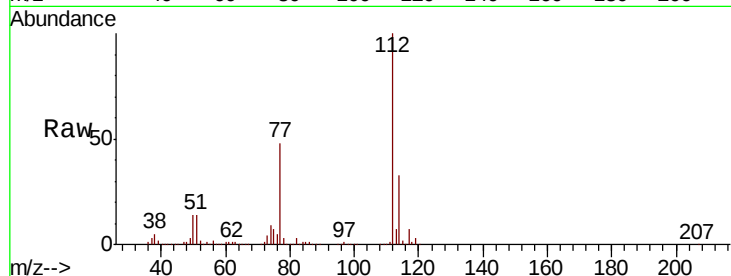




#65
Chlorobenzene
Concen: 50.605 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

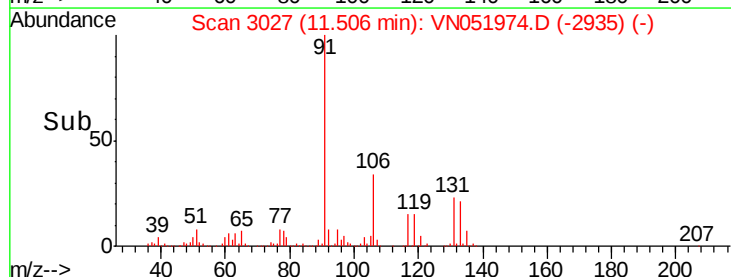
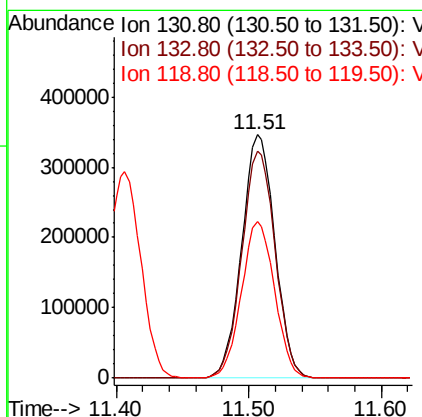
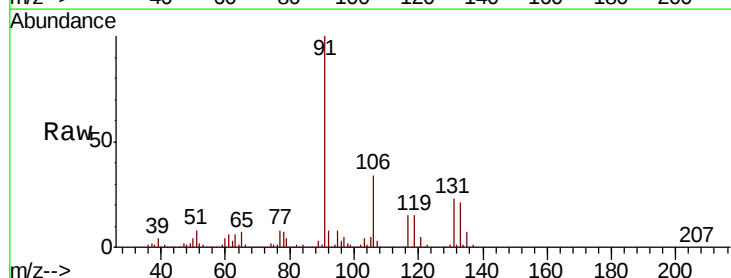
Instrument :
MSVOA_N
ClientSampled :

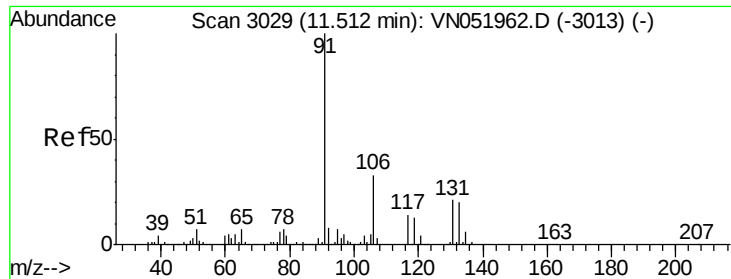
Tot Ion:112 Resp: 1610537
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.484 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion:131 Resp: 600372
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 64.6 32.0 96.2

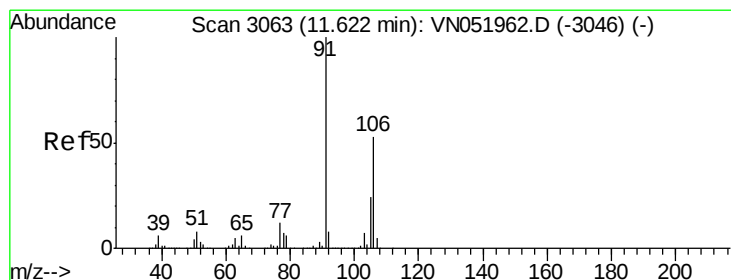
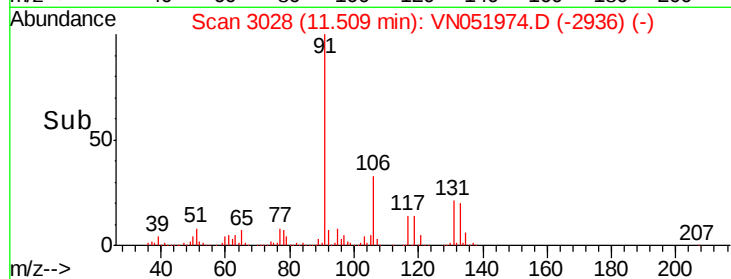
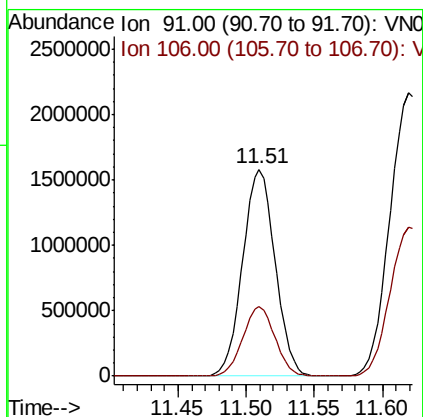
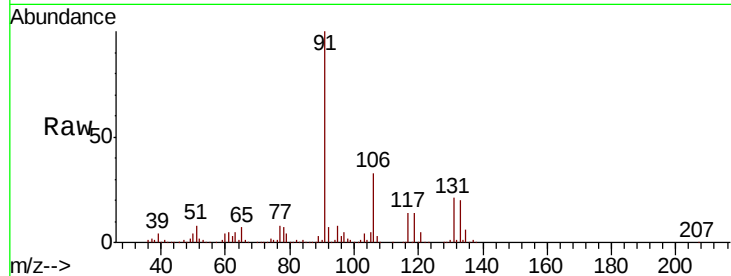




#67
Ethyl Benzene
Concen: 51.103 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

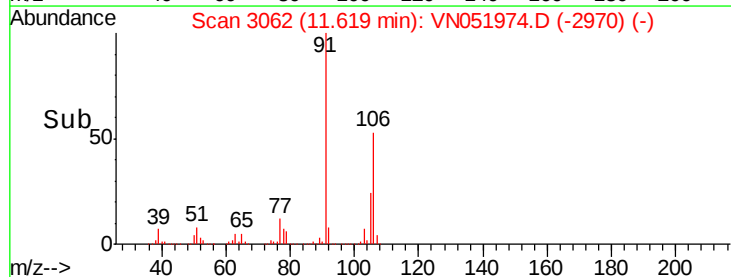
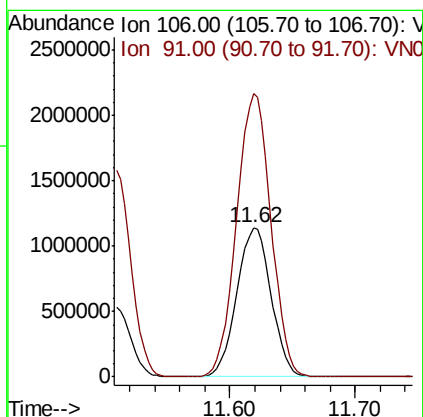
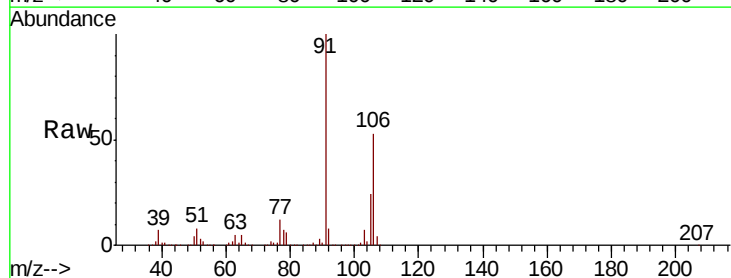
Instrument :
MSVOA_N
ClientSampled :

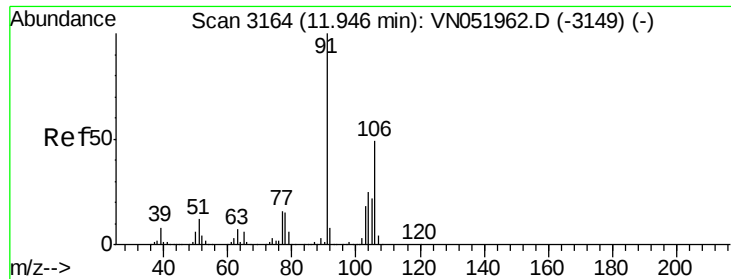
Tot Ion: 91 Resp: 2614294
Ion Ratio Lower Upper
91 100
106 33.5 26.4 39.6



#68
m/p-Xylenes
Concen: 105.892 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 106 Resp: 2164359
Ion Ratio Lower Upper
106 100
91 190.4 152.2 228.2

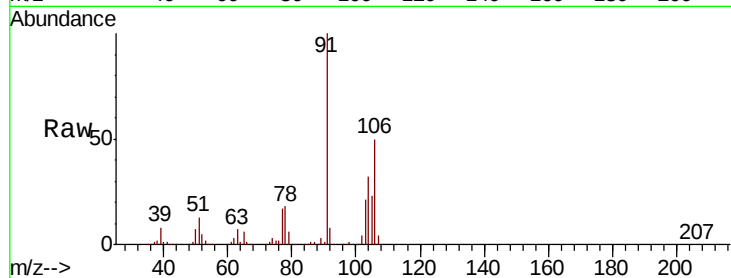




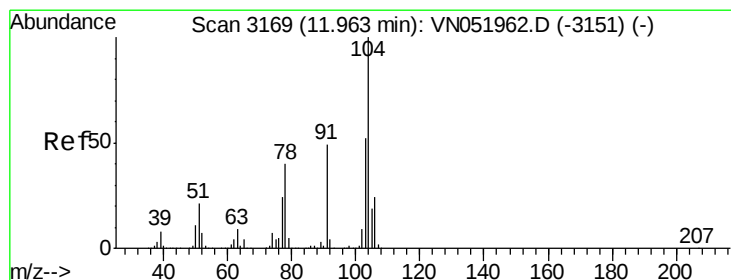
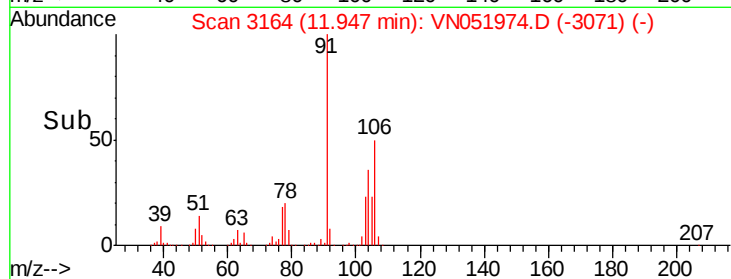
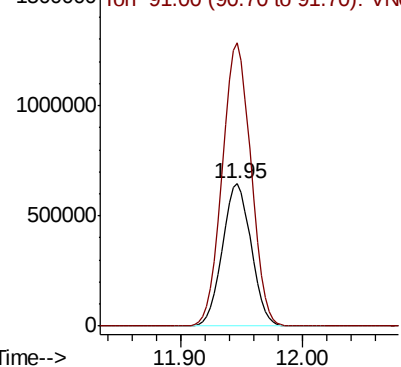
#69
o-Xylene
Concen: 52.927 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 1052092
Ion Ratio Lower Upper
106 100
91 198.7 101.0 303.0

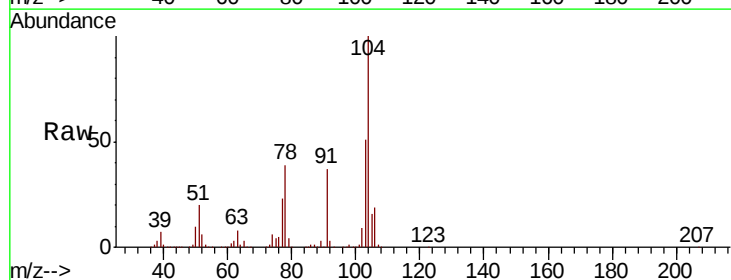


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

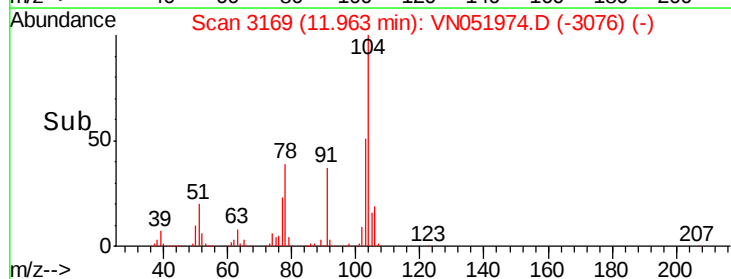
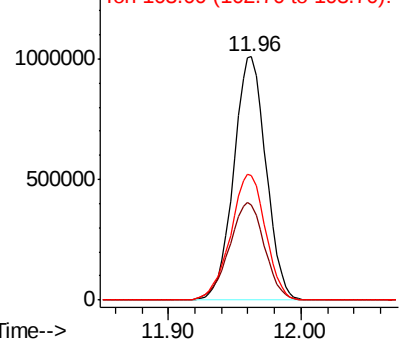


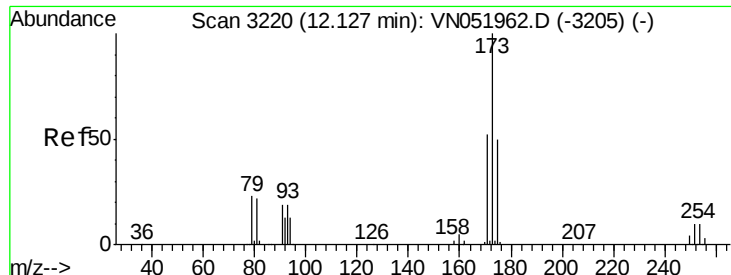
#70
Styrene
Concen: 53.603 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion:104 Resp: 1703042
Ion Ratio Lower Upper
104 100
78 44.0 35.8 53.6
103 56.0 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

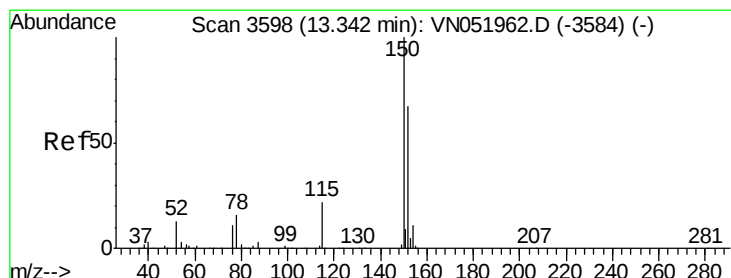
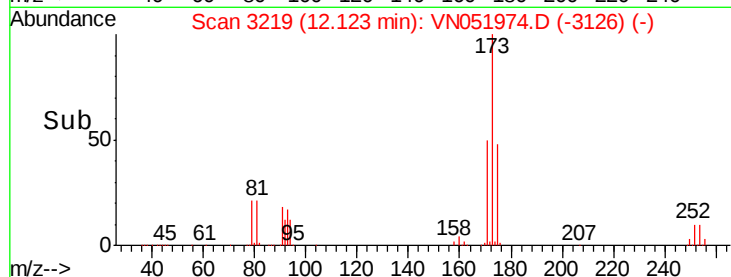
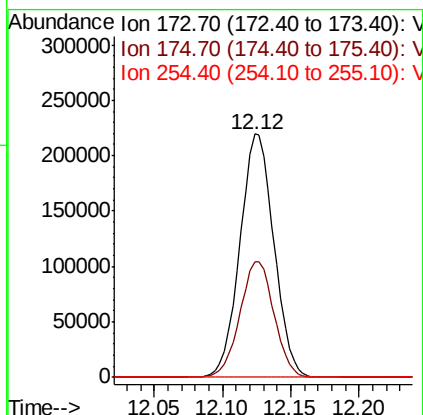
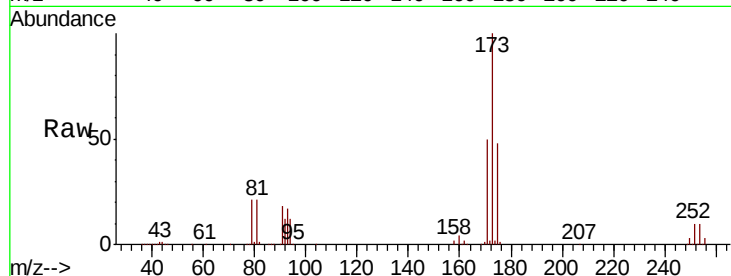




#71
Bromoform
Concen: 45.121 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

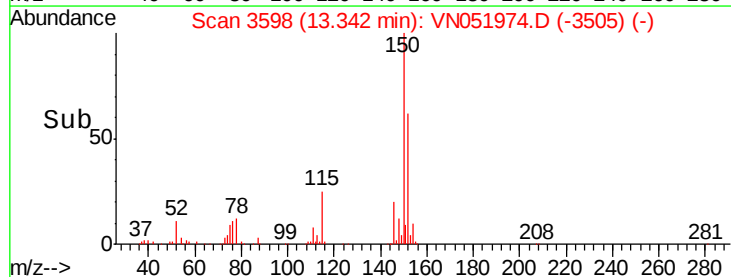
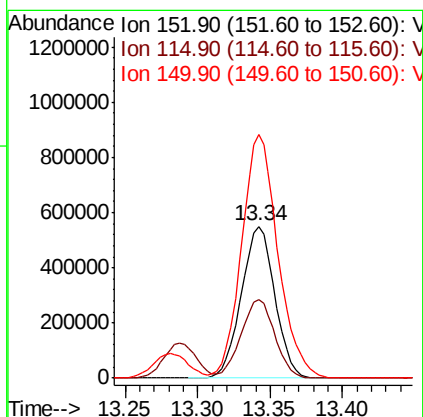
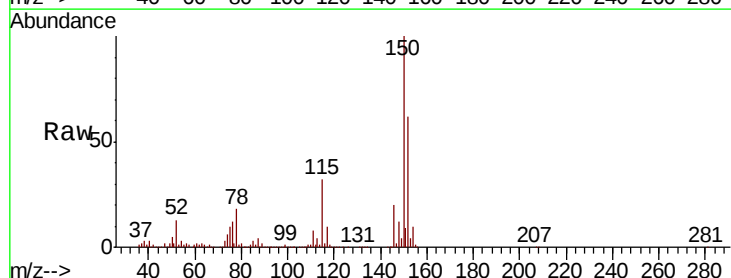
Instrument :
MSVOA_N
ClientSampled :

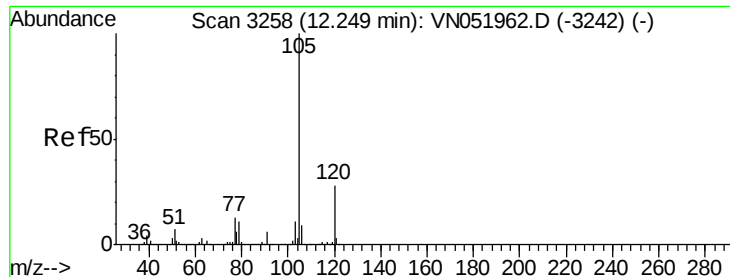
Tot Ion:173 Resp: 379394
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion:152 Resp: 881734
Ion Ratio Lower Upper
152 100
115 51.8 25.8 77.3
150 174.0 0.0 344.4





#73

Isopropylbenzene

Concen: 50.566 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

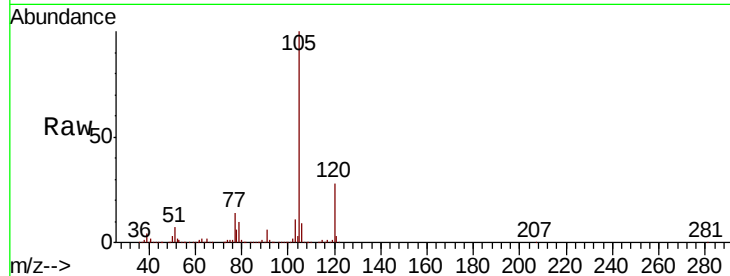
ClientSampleId :

Tot Ion:105 Resp: 2827647

Ion Ratio Lower Upper

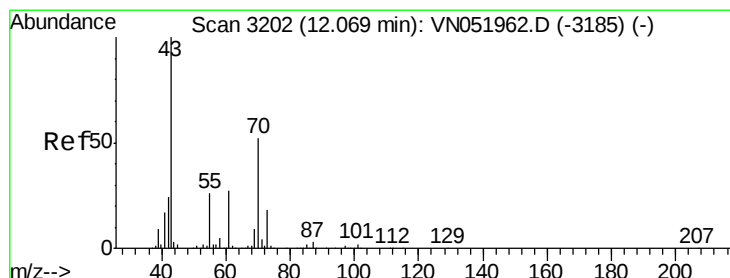
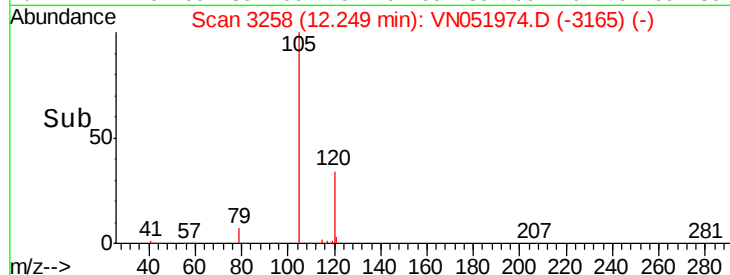
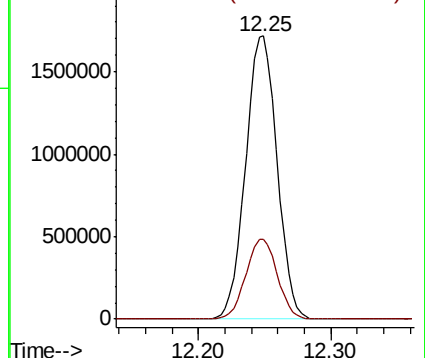
105 100

120 28.3 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.252 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Tgt Ion: 43 Resp: 498071

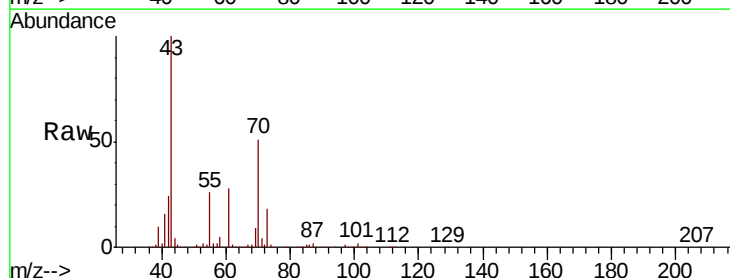
Ion Ratio Lower Upper

43 100

70 51.9 41.3 61.9

55 26.8 21.2 31.8

61 27.5 21.8 32.8

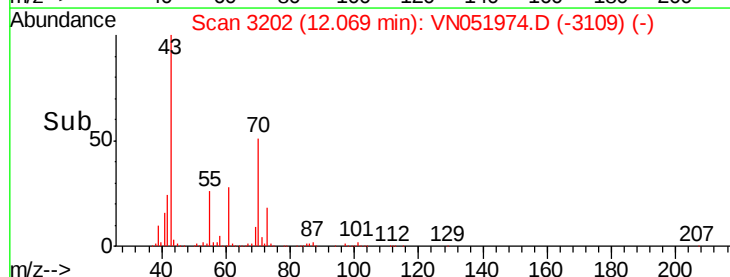
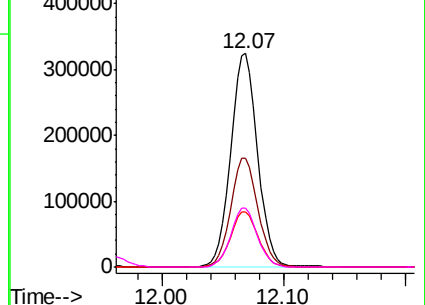


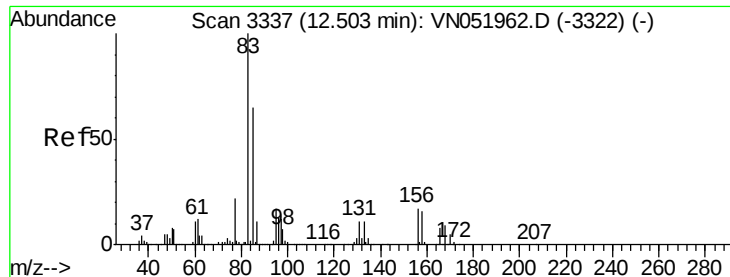
Abundance Ion 43.00 (42.70 to 43.70): V

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: 44.786 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampleId :

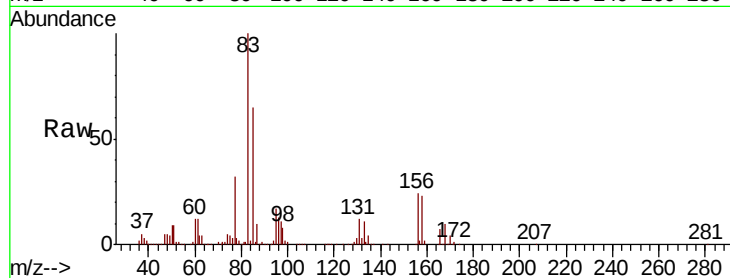
Tot Ion: 83 Resp: 517483

Ion Ratio Lower Upper

83 100

131 12.4 6.2 18.6

85 65.5 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN051962.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051962.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051962.D (-3322) (-)

12.50

300000

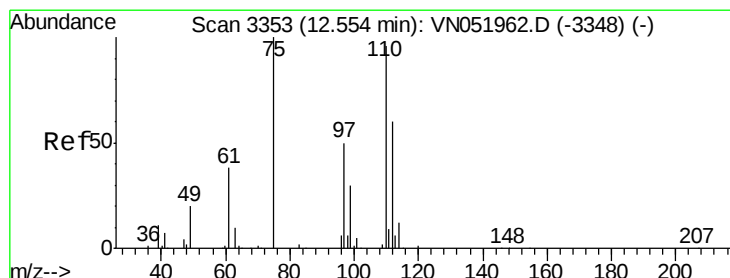
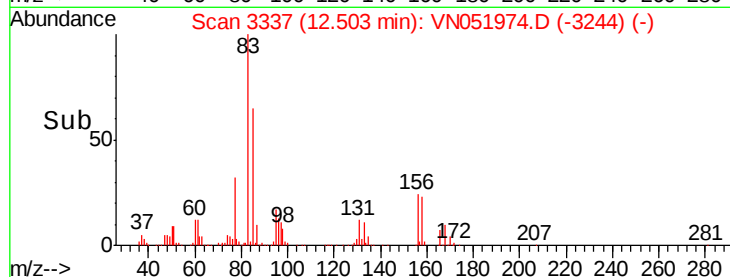
200000

100000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 70.636 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN051974.D

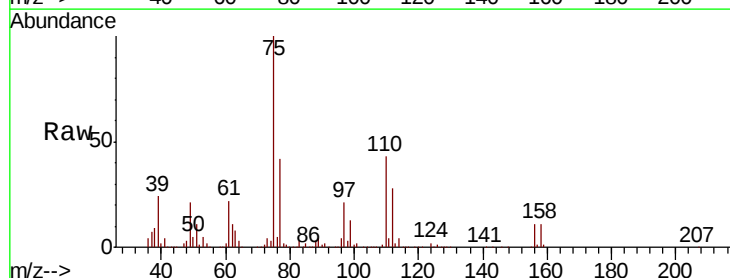
Acq: 24 Oct 2018 8:39

Tgt Ion: 75 Resp: 643345

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051962.D (-3348) (-)

600000

500000

400000

300000

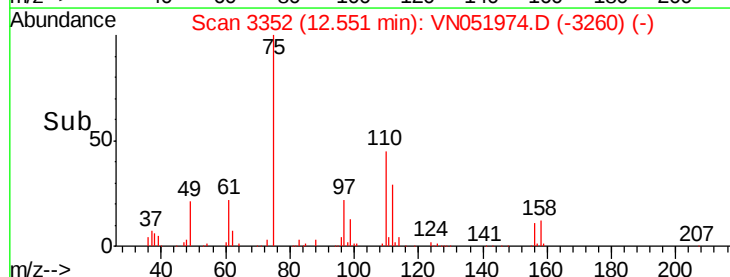
200000

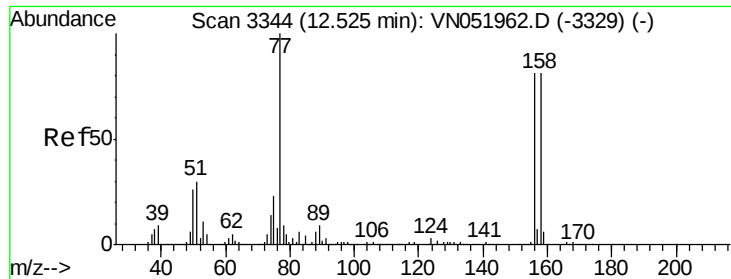
100000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 51.317 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampleId :

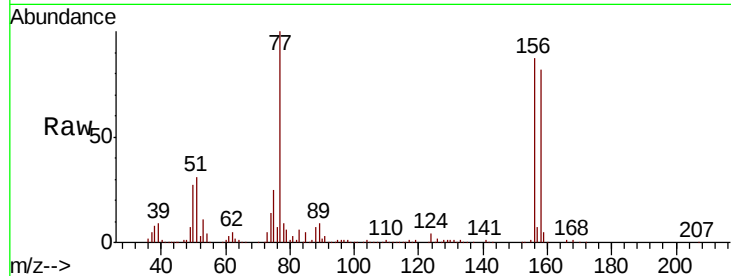
Tot Ion:156 Resp: 791960

Ion Ratio Lower Upper

156 100

77 134.9 71.1 213.3

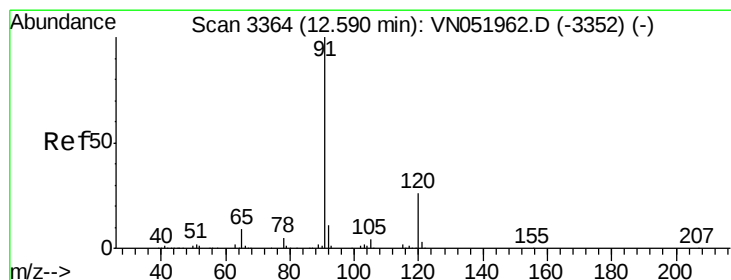
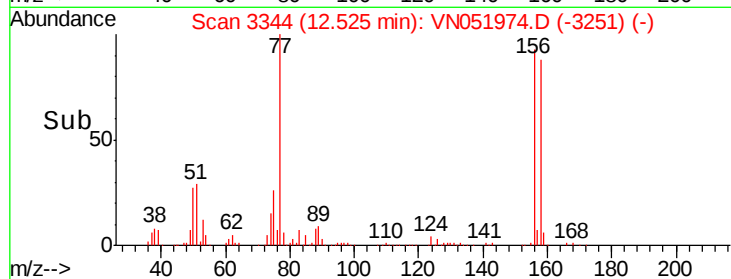
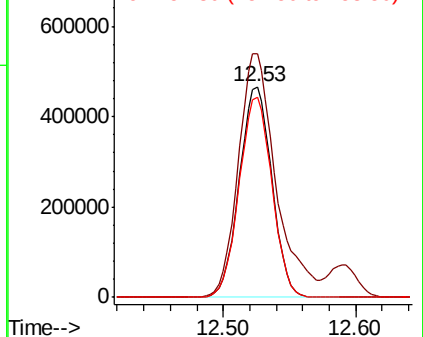
158 96.1 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.538 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051974.D

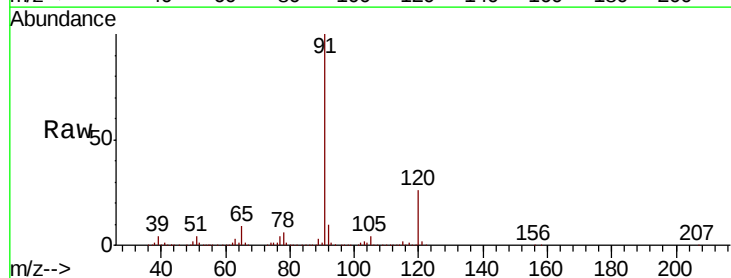
Acq: 24 Oct 2018 8:39

Tgt Ion: 91 Resp: 3108905

Ion Ratio Lower Upper

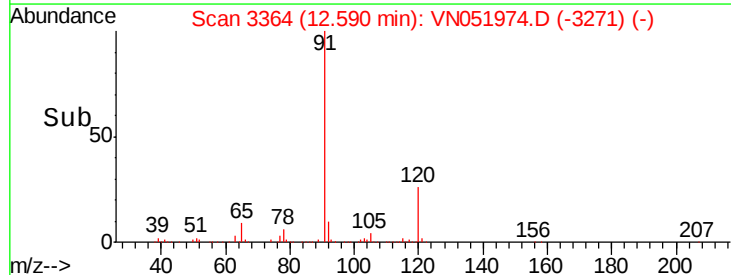
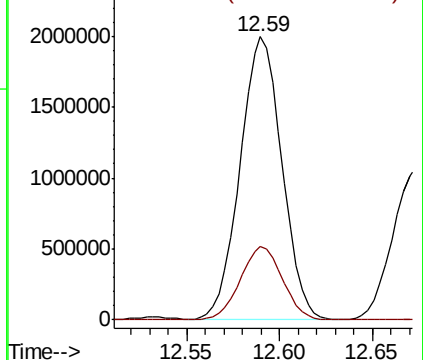
91 100

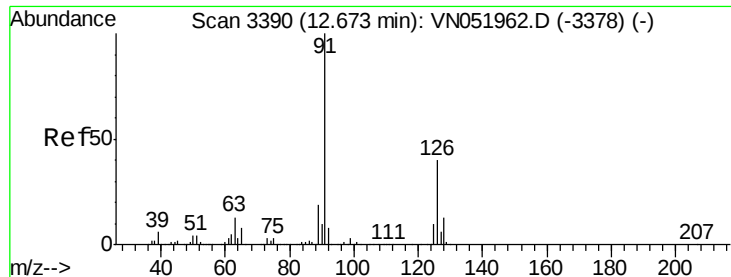
120 26.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.647 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

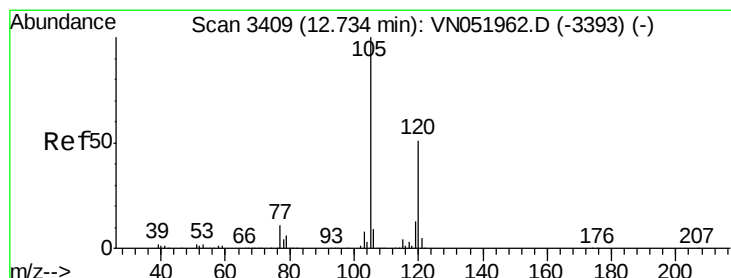
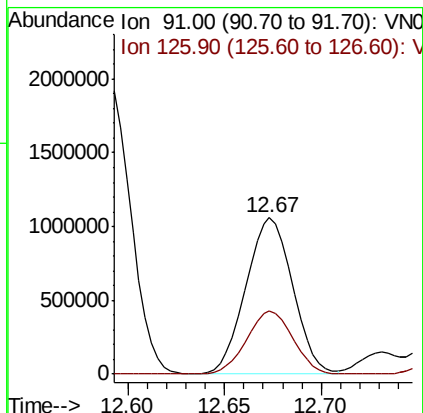
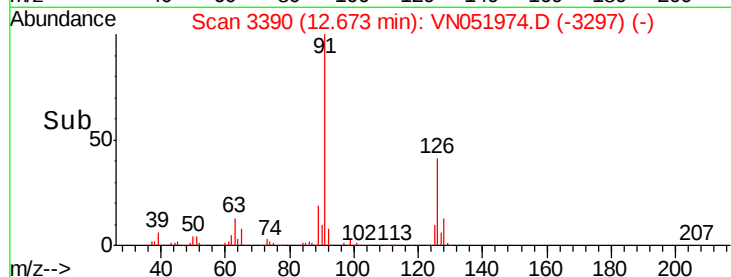
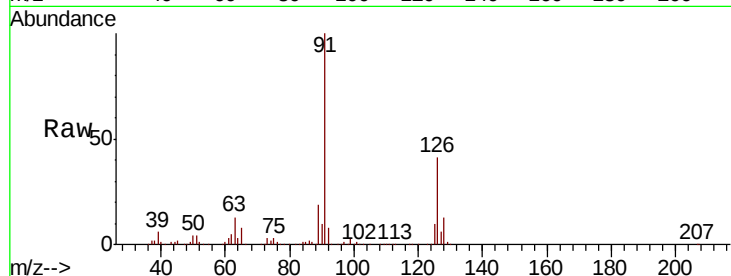
ClientSampleId :

Tot Ion: 91 Resp: 1779162

Ion Ratio Lower Upper

91 100

126 40.2 20.1 60.3



#80

1,3,5-Trimethylbenzene

Concen: 52.468 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051974.D

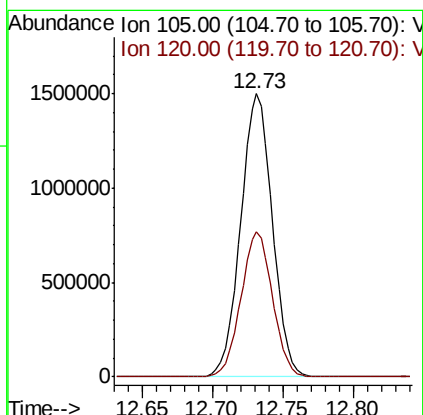
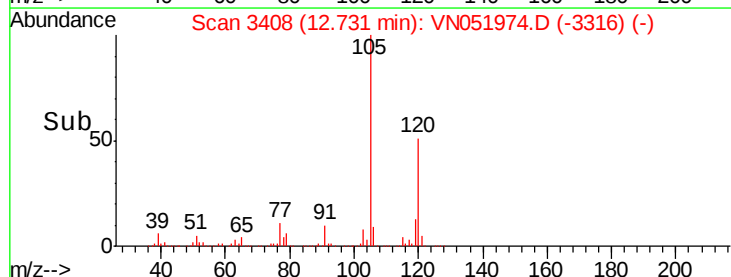
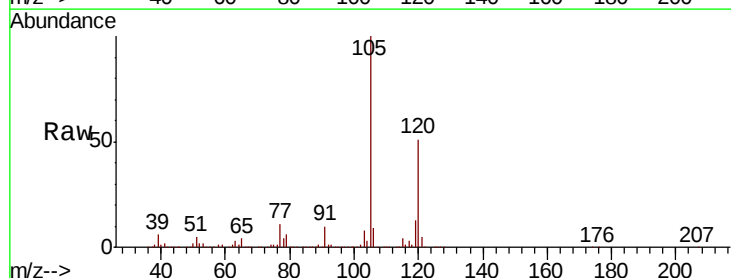
Acq: 24 Oct 2018 8:39

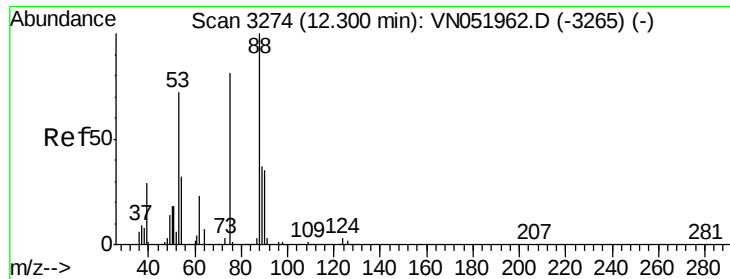
Tgt Ion:105 Resp: 2353945

Ion Ratio Lower Upper

105 100

120 51.2 25.7 77.1

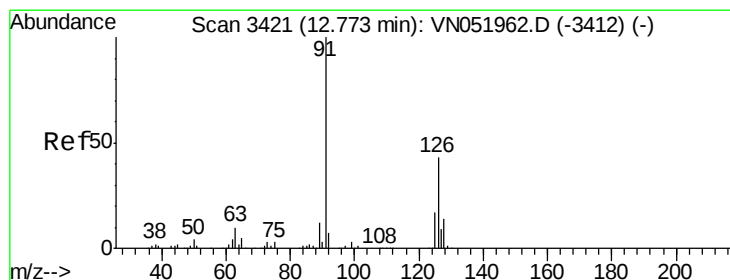
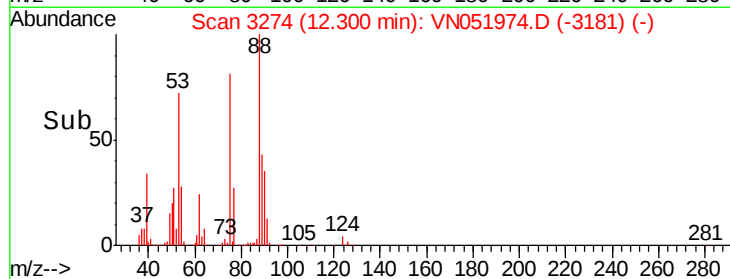
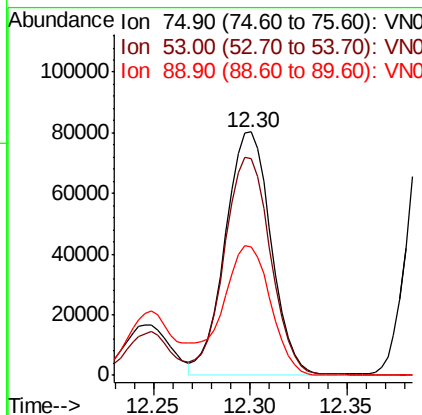
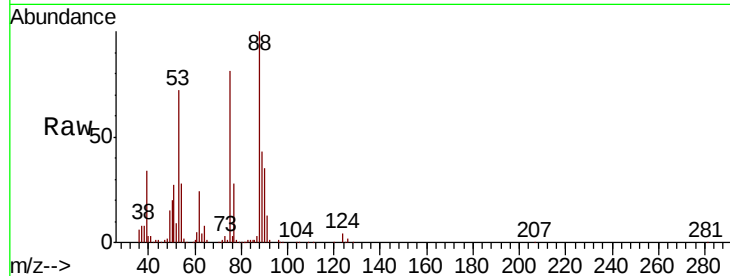




#81
trans-1,4-Dichloro-2-butene
Concen: 47.060 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

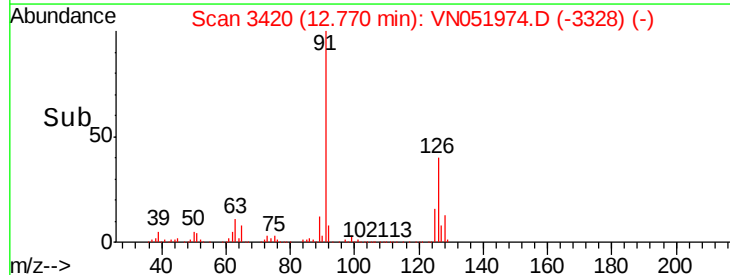
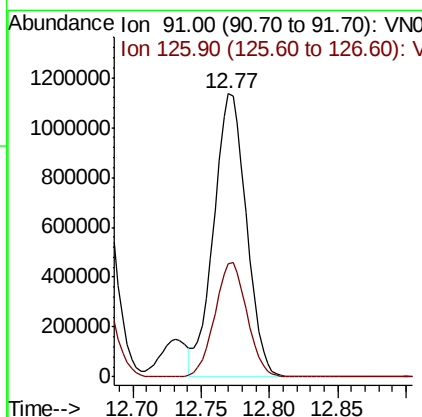
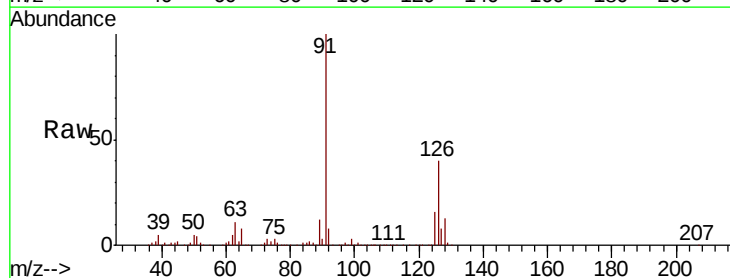
Instrument :
MSVOA_N
ClientSampled :

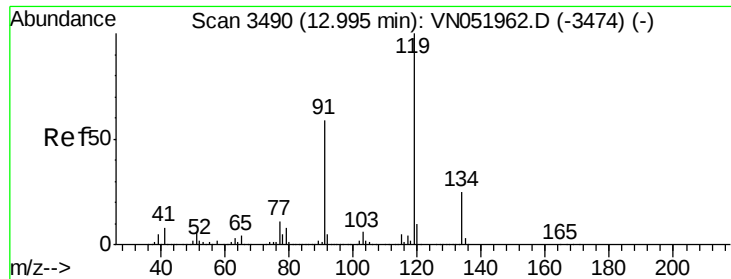
Tot Ion: 75 Resp: 132654
Ion Ratio Lower Upper
75 100
53 90.9 73.5 110.3
89 54.1 41.6 62.4



#82
4-Chlorotoluene
Concen: 51.785 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 91 Resp: 1883466
Ion Ratio Lower Upper
91 100
126 39.7 19.7 59.0

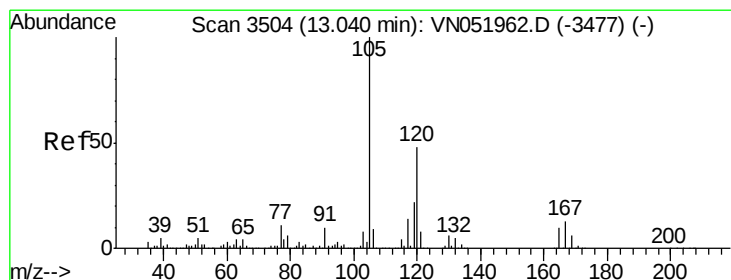
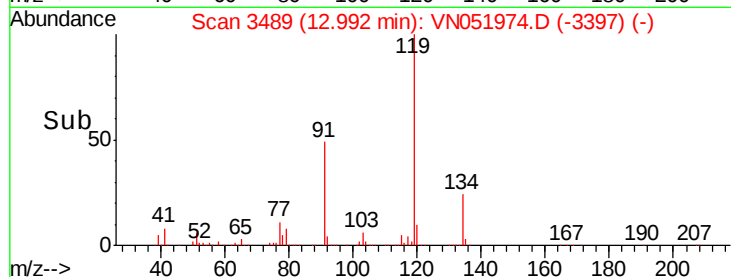
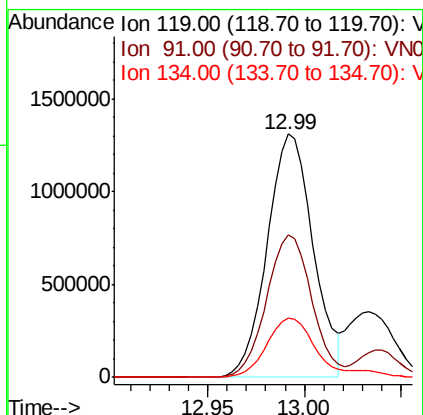
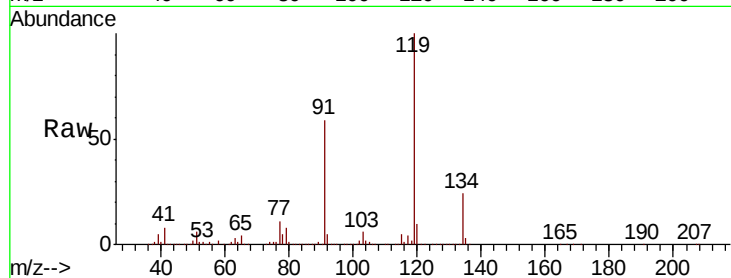




#83
tert-Butylbenzene
Concen: 51.184 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

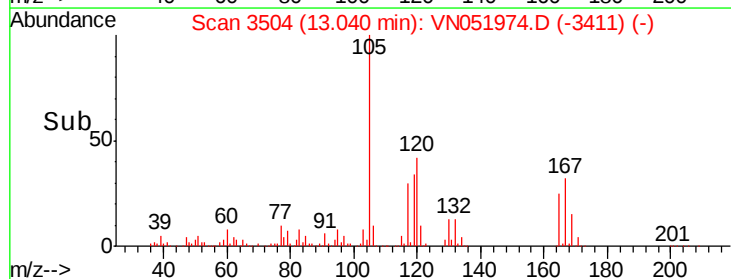
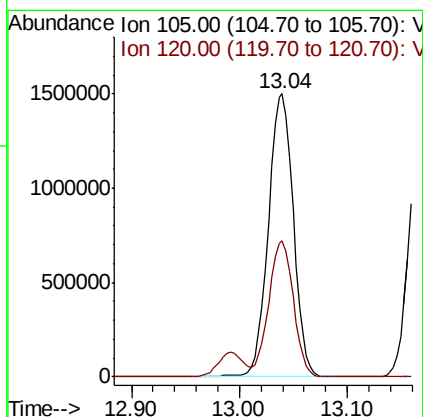
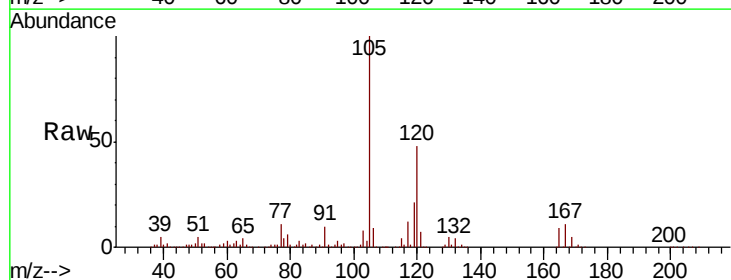
Instrument :
MSVOA_N
ClientSampled :

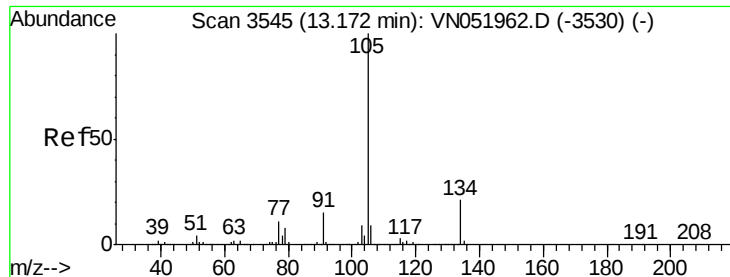
Tot Ion:119 Resp: 2171889
Ion Ratio Lower Upper
119 100
91 57.6 28.8 86.4
134 27.0 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 51.967 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion:105 Resp: 2404923
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5





#85

sec-Butylbenzene

Concen: 51.649 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

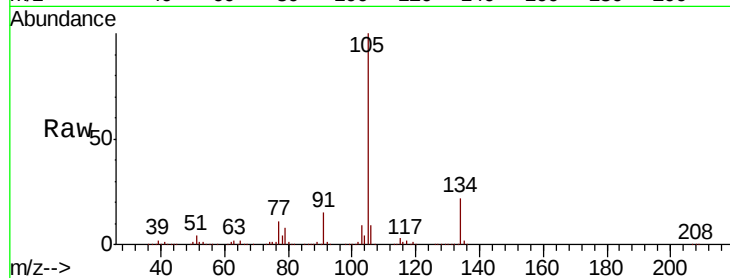
ClientSampleId :

Tot Ion:105 Resp: 2862421

Ion Ratio Lower Upper

105 100

134 22.1 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

2000000

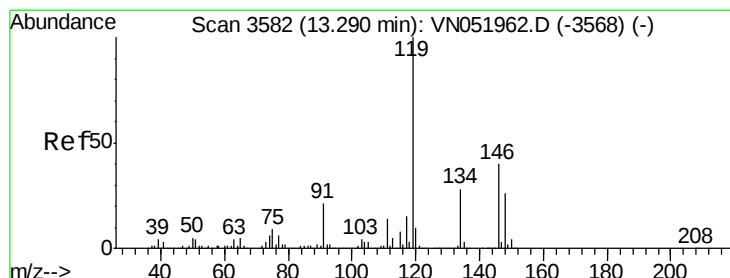
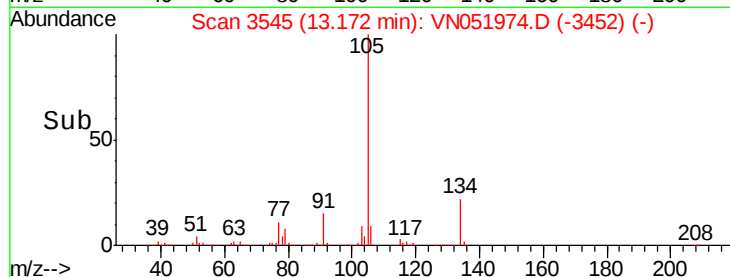
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.440 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

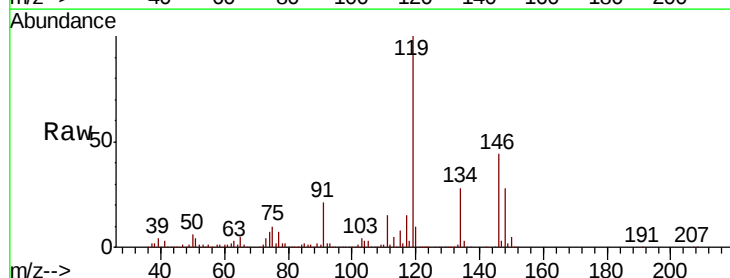
Tgt Ion:119 Resp: 2616488

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.7

91 21.3 10.6 31.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

2000000

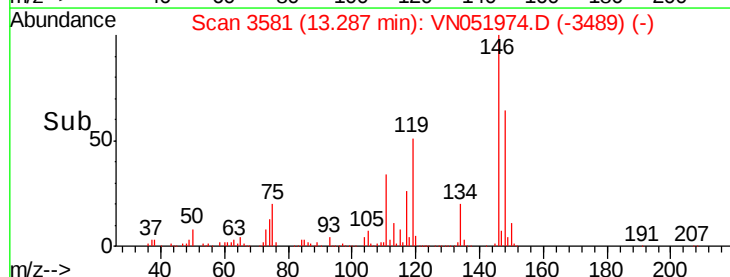
1500000

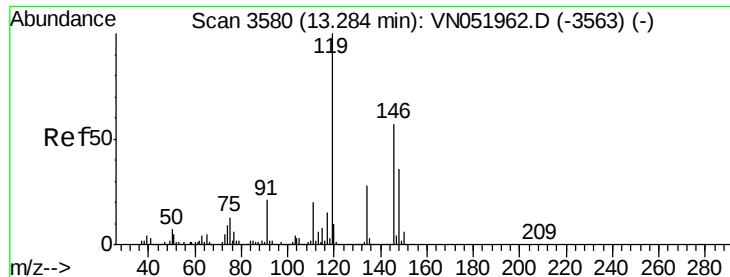
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.202 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampled :

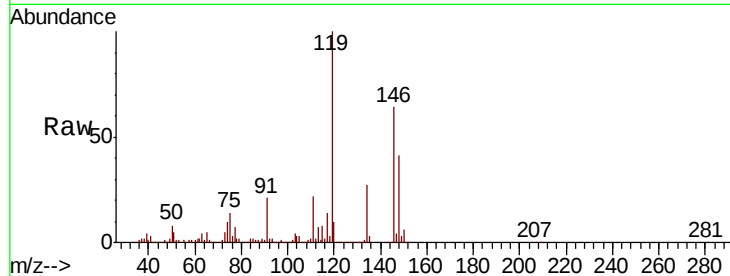
Tot Ion:146 Resp: 1457403

Ion Ratio Lower Upper

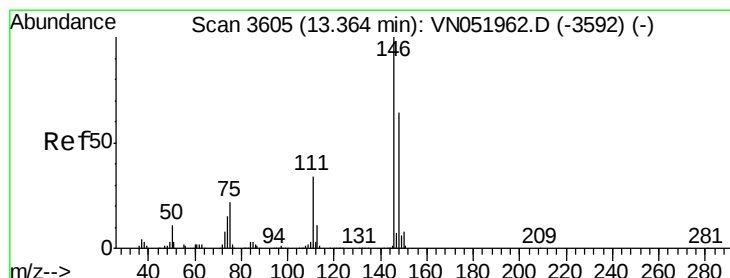
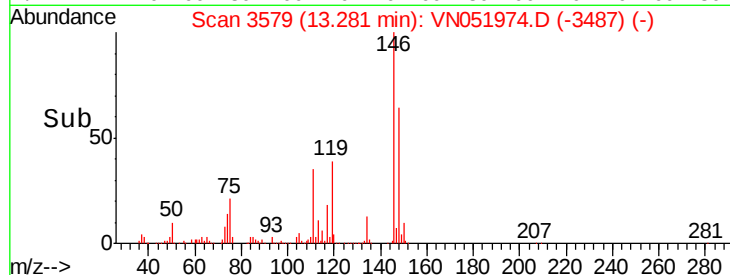
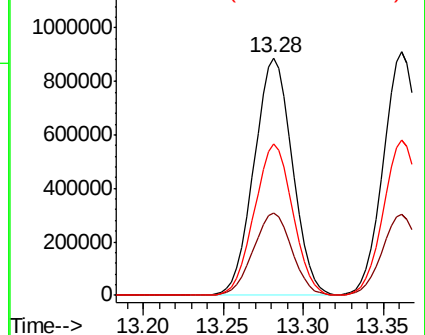
146 100

111 34.8 17.6 52.8

148 64.0 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 52.237 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

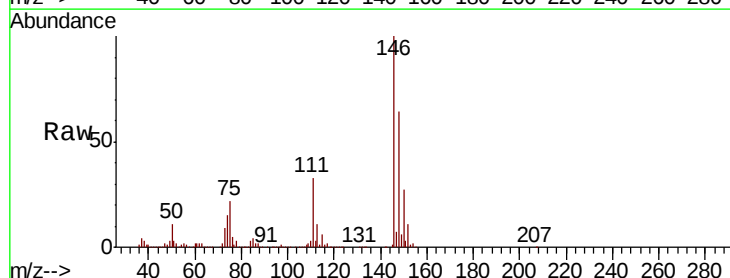
Tgt Ion:146 Resp: 1465861

Ion Ratio Lower Upper

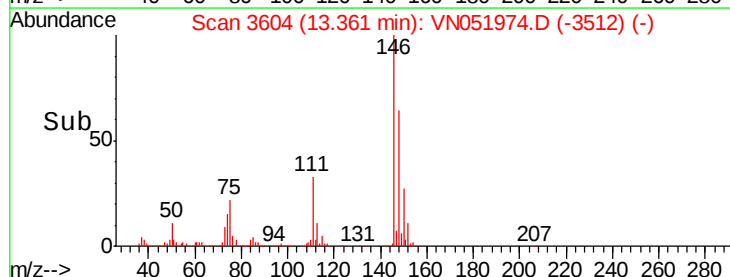
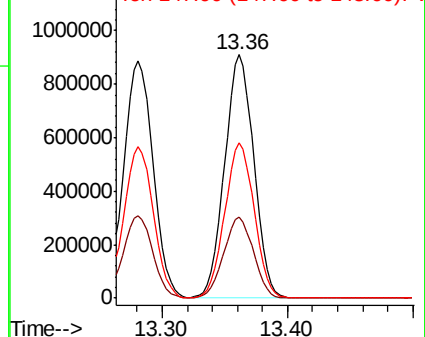
146 100

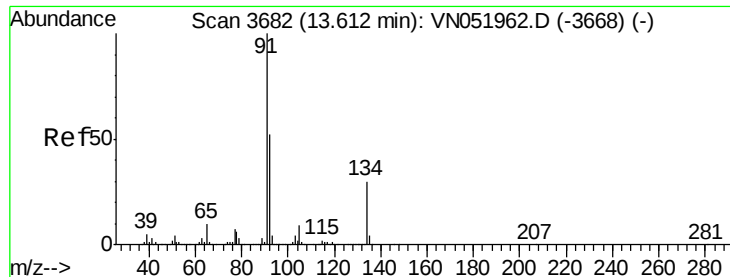
111 34.1 17.3 51.7

148 64.2 32.1 96.3



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

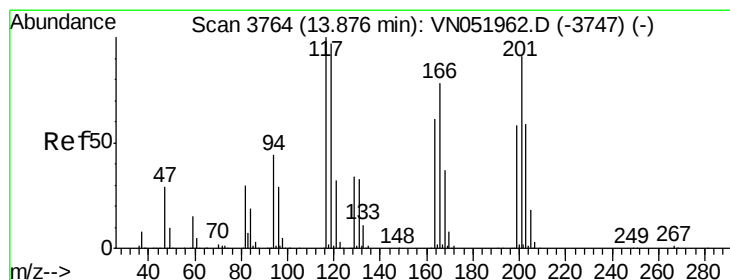
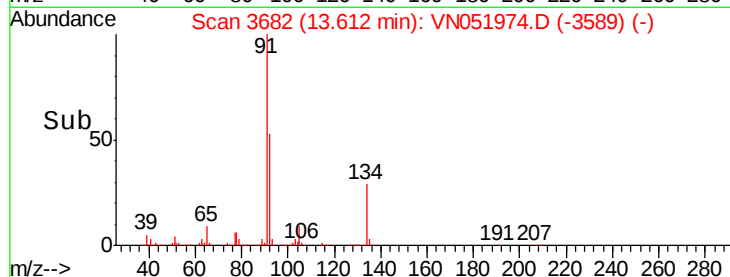
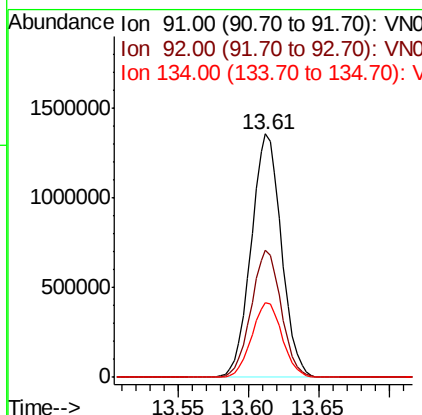
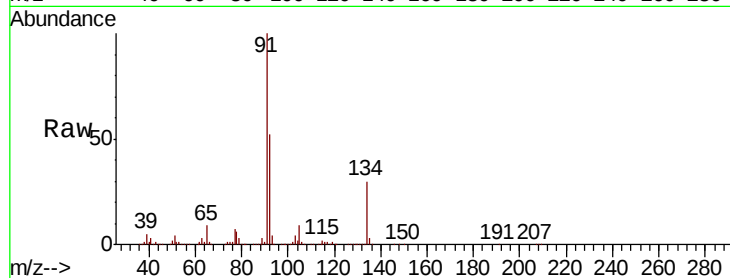




#89
n-Butylbenzene
Concen: 51.113 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

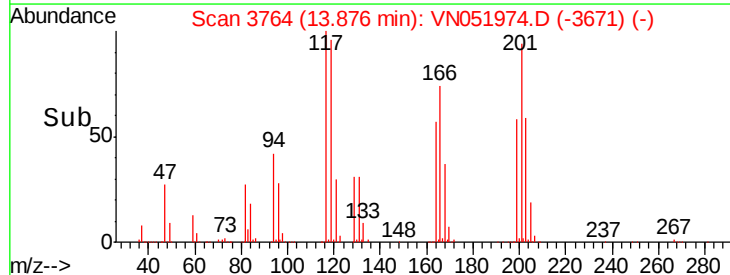
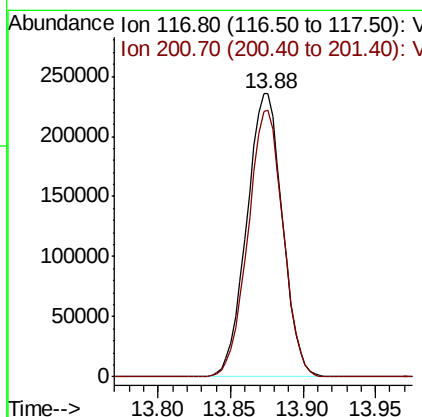
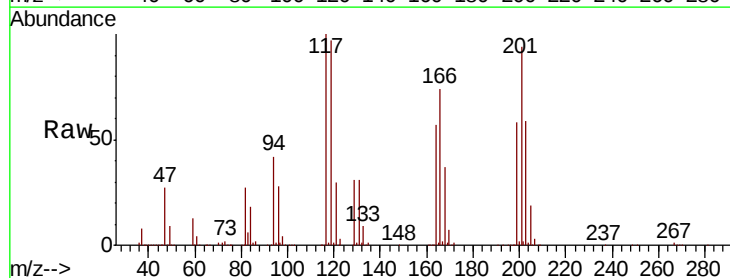
Instrument :
MSVOA_N
ClientSampled :

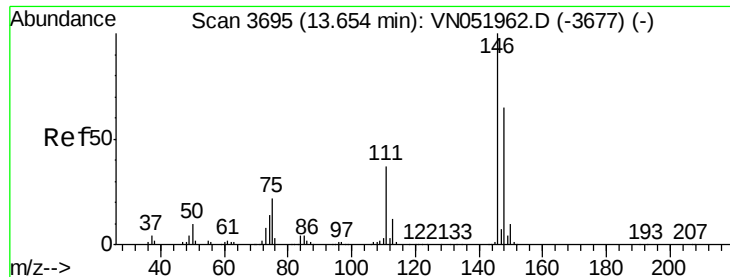
Tot Ion: 91 Resp: 2030729
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.8
134 30.9 15.2 45.6



#90
Hexachloroethane
Concen: 54.372 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion: 117 Resp: 404163
Ion Ratio Lower Upper
117 100
201 92.5 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 49.937 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

Instrument :

MSVOA_N

ClientSampleId :

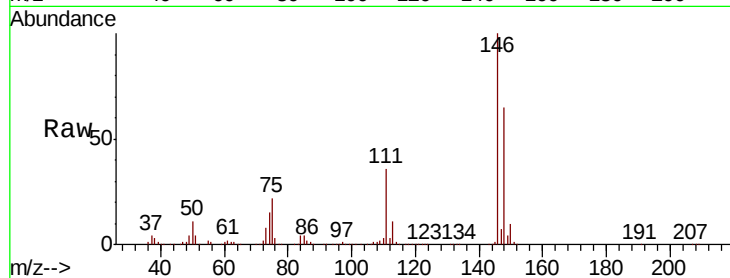
Tot Ion:146 Resp: 1375042

Ion Ratio Lower Upper

146 100

111 35.6 18.3 54.9

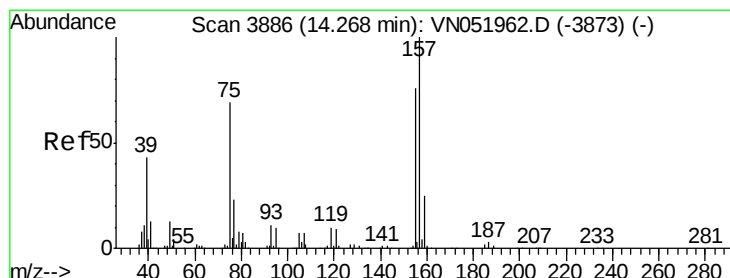
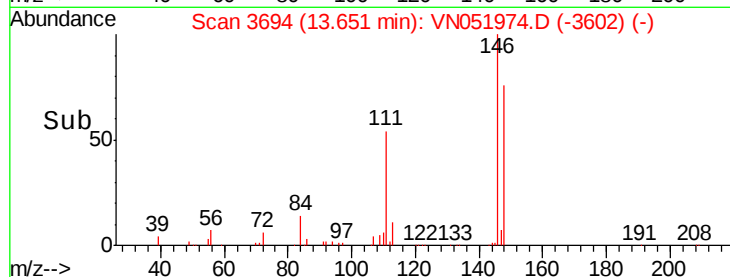
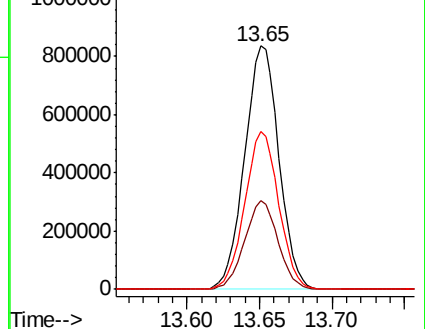
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 38.669 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051974.D

Acq: 24 Oct 2018 8:39

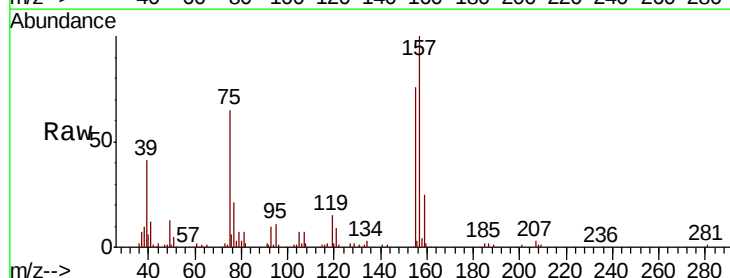
Tgt Ion: 75 Resp: 68602

Ion Ratio Lower Upper

75 100

155 114.9 56.0 167.9

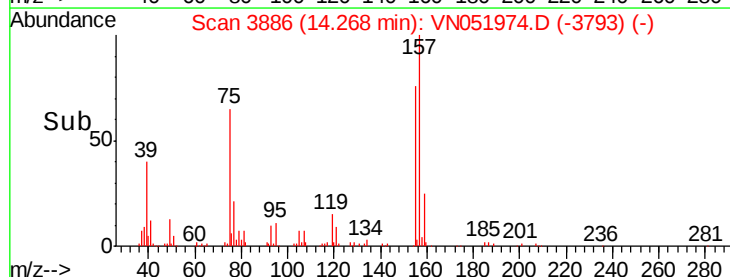
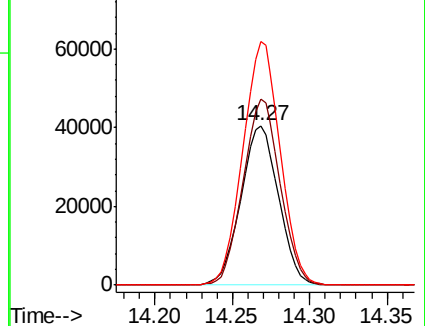
157 151.4 73.9 221.6

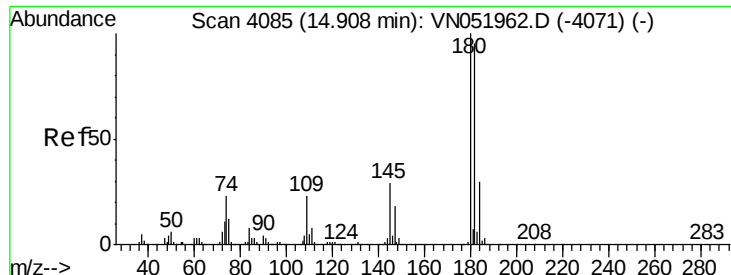


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

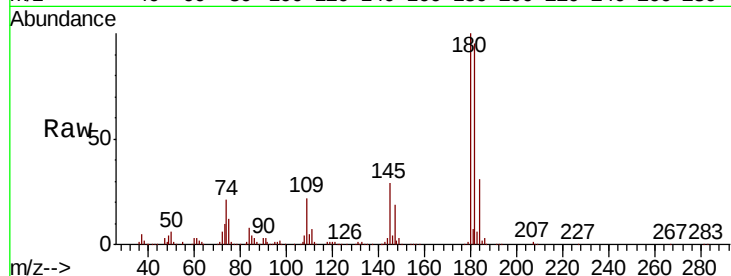




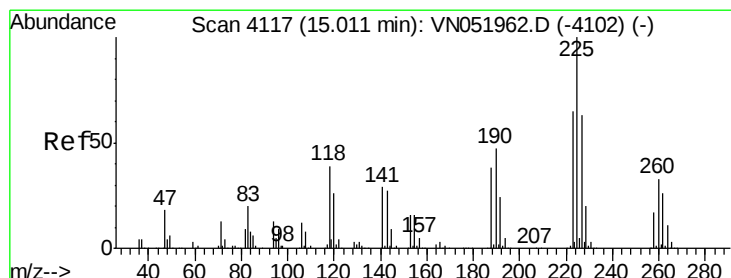
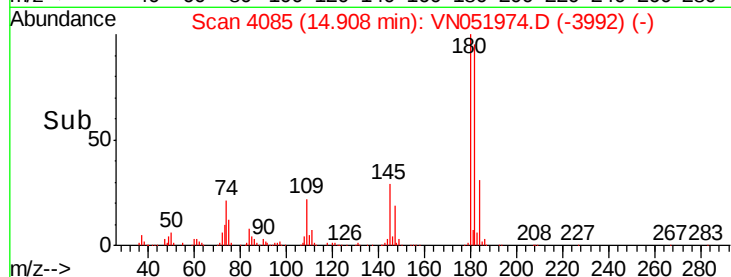
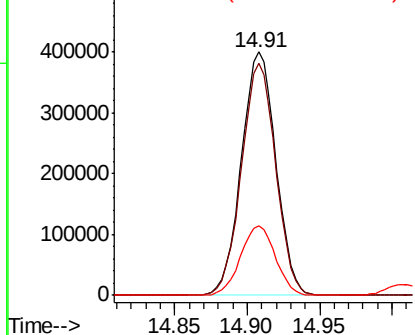
#93
 1,2,4-Trichlorobenzene
 Concen: 40.698 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.8	143.4
145	28.9	14.5	43.5

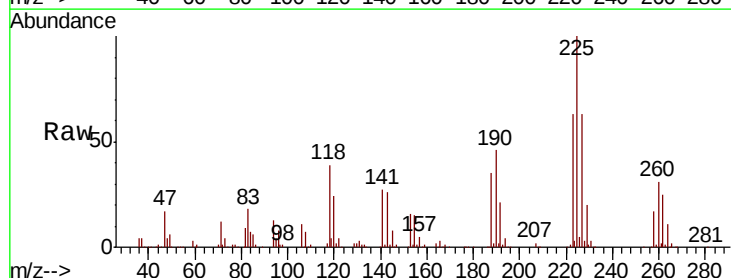


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

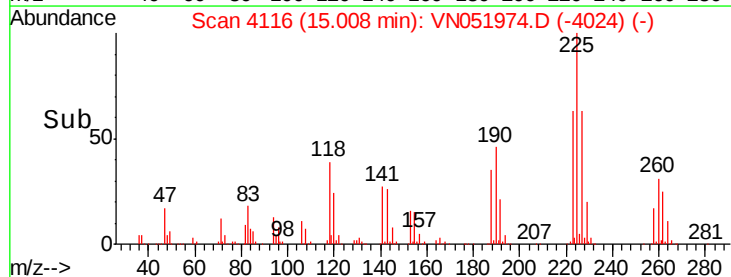
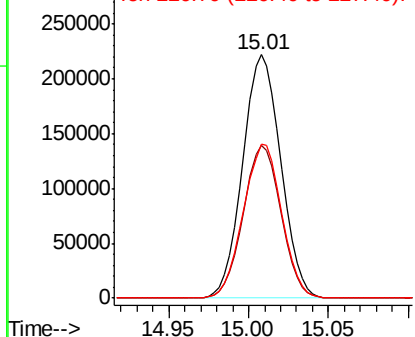


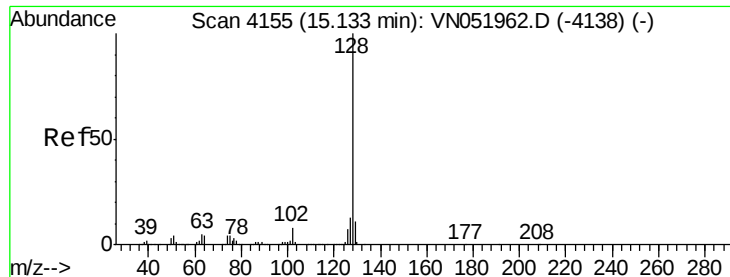
#94
 Hexachlorobutadiene
 Concen: 43.118 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051974.D
 Acq: 24 Oct 2018 8:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	63.7	31.4	94.2



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

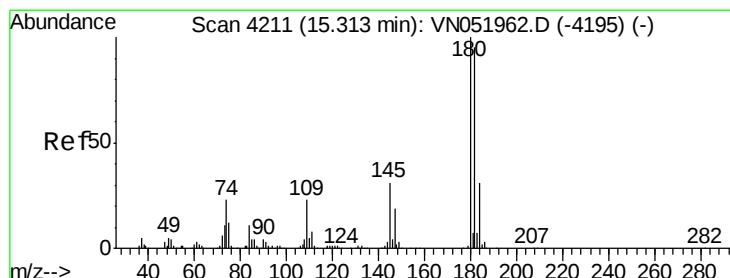
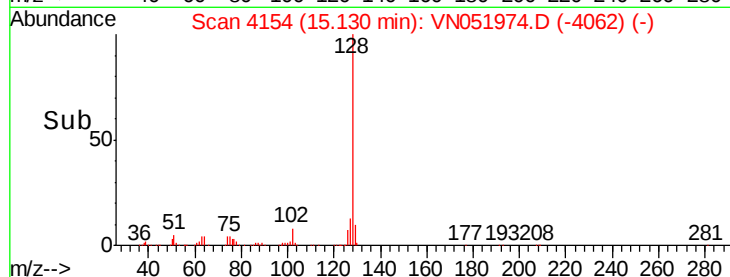
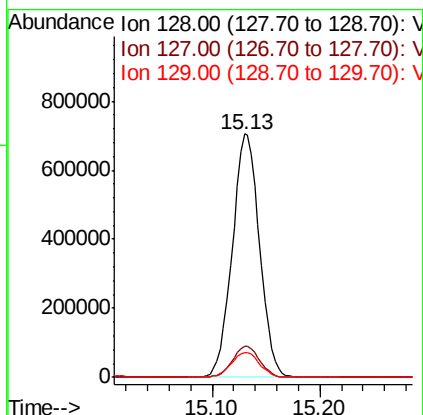
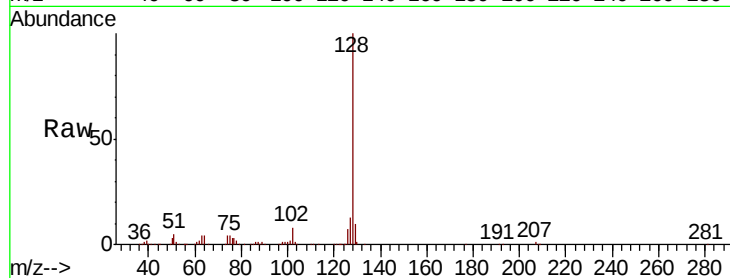




#95
Naphthalene
Concen: 35.000 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1236336
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 34.590 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051974.D
Acq: 24 Oct 2018 8:39

Tgt Ion:180 Resp: 537775
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.6
145 30.9 15.4 46.2

