

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013019\
 Data File : VN053564.D
 Acq On : 30 Jan 2019 11:42
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

Quant Time: Jan 31 06:59:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 31 05:27:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	778813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1153584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1009599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489336	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	377405	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.59	113	365094	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1363142	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	461349	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	432026	49.210	ug/l	99
3) Chloromethane	2.06	50	463555	50.135	ug/l	100
4) Vinyl Chloride	2.19	62	445498	49.635	ug/l	100
5) Bromomethane	2.57	94	287735	49.029	ug/l	97
6) Chloroethane	2.71	64	248888	48.525	ug/l	98
7) Trichlorofluoromethane	3.02	101	591027	48.558	ug/l	99
8) Diethyl Ether	3.41	74	219551	49.392	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	377353	50.130	ug/l	99
10) Methyl Iodide	3.95	142	565744	47.884	ug/l	99
11) Tert butyl alcohol	4.79	59	117594	254.316	ug/l	98
12) 1,1-Dichloroethene	3.74	96	357277	49.539	ug/l	99
13) Acrolein	3.61	56	39129	217.271	ug/l	99
14) Allyl chloride	4.32	41	571775	49.793	ug/l	99
15) Acrylonitrile	4.99	53	622162	249.241	ug/l	99
16) Acetone	3.82	43	511431	255.198	ug/l	100
17) Carbon Disulfide	4.06	76	1084396	48.288	ug/l	100
18) Methyl Acetate	4.33	43	282172	47.543	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	926888	50.697	ug/l	99
20) Methylene Chloride	4.55	84	387683	46.110	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	380492	48.902	ug/l	97
22) Diisopropyl ether	5.95	45	1066069	50.104	ug/l	95
23) Vinyl Acetate	5.90	43	3835085	260.550	ug/l	98
24) 1,1-Dichloroethane	5.85	63	676828	47.692	ug/l	99
25) 2-Butanone	6.84	43	725717	253.905	ug/l	100
26) 2,2-Dichloropropane	6.82	77	533367	49.234	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	421789	48.751	ug/l	99
28) Bromochloromethane	7.19	49	298274	48.432	ug/l	97
29) Tetrahydrofuran	7.21	42	460239	250.764	ug/l	98
30) Chloroform	7.37	83	664018	47.200	ug/l	99
31) Cyclohexane	7.65	56	642748	48.640	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	569905	48.678	ug/l	99
36) 1,1-Dichloropropene	7.79	75	524389	50.428	ug/l	99
37) Ethyl Acetate	6.93	43	305481	52.598	ug/l	99
38) Carbon Tetrachloride	7.77	117	518078	49.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	661929	53.653	ug/l	100
40) Benzene	8.04	78	1567797	48.891	ug/l	100
41) Methacrylonitrile	7.18	41	156693	48.273	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	460574	48.372	ug/l	99
43) Isopropyl Acetate	8.16	43	542257	48.346	ug/l #	89
44) Trichloroethene	8.83	130	432306	47.353	ug/l	98
45) 1,2-Dichloropropane	9.12	63	405807	49.477	ug/l	99
46) Dibromomethane	9.21	93	239595	48.459	ug/l	98
47) Bromodichloromethane	9.40	83	505009	49.125	ug/l	99
48) Methyl methacrylate	9.20	41	263789	49.270	ug/l	93
49) 1,4-Dioxane	9.20	88	73972	955.332	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1435927	260.528	ug/l	100
52) Toluene	10.16	92	960040	50.444	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	528630	51.353	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	620819	50.894	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	341184	49.750	ug/l	98
56) Ethyl methacrylate	10.43	69	431960	53.243	ug/l	99
57) 1,3-Dichloropropane	10.71	76	578034	49.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1190988	237.134	ug/l	98
59) 2-Hexanone	10.75	43	972637	259.947	ug/l	99
60) Dibromochloromethane	10.90	129	386418	49.966	ug/l	100
61) 1,2-Dibromoethane	11.01	107	331615	48.855	ug/l	100
64) Tetrachloroethene	10.63	164	427425	49.388	ug/l	99
65) Chlorobenzene	11.44	112	1049750	48.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	373348	49.850	ug/l	99
67) Ethyl Benzene	11.51	91	1784627	50.660	ug/l	100
68) m/p-Xylenes	11.62	106	1383570	102.906	ug/l	99
69) o-Xylene	11.95	106	669832	51.569	ug/l	98
70) Styrene	11.96	104	1099562	52.228	ug/l	99
71) Bromoform	12.13	173	263102	51.241	ug/l #	99
73) Isopropylbenzene	12.25	105	1735451	50.450	ug/l	100
74) N-amyl acetate	12.07	43	421211	50.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	392112	47.629	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	492566	78.369	ug/l #	100
77) Bromobenzene	12.53	156	460346	49.655	ug/l	98
78) n-propylbenzene	12.59	91	2047881	51.498	ug/l	100
79) 2-Chlorotoluene	12.68	91	1187324	50.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1489384	52.212	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	114814	51.366	ug/l	100
82) 4-Chlorotoluene	12.77	91	1225546	50.623	ug/l	100
83) tert-Butylbenzene	12.99	119	1268357	50.308	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1521378	52.349	ug/l	99
85) sec-Butylbenzene	13.17	105	1772293	51.658	ug/l	99
86) p-Isopropyltoluene	13.29	119	1593534	53.108	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	822644	49.361	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	811340	49.215	ug/l	100
89) n-Butylbenzene	13.62	91	1388055	53.445	ug/l	100
90) Hexachloroethane	13.88	117	243638	49.227	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	781186	48.962	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57980	49.416	ug/l	98

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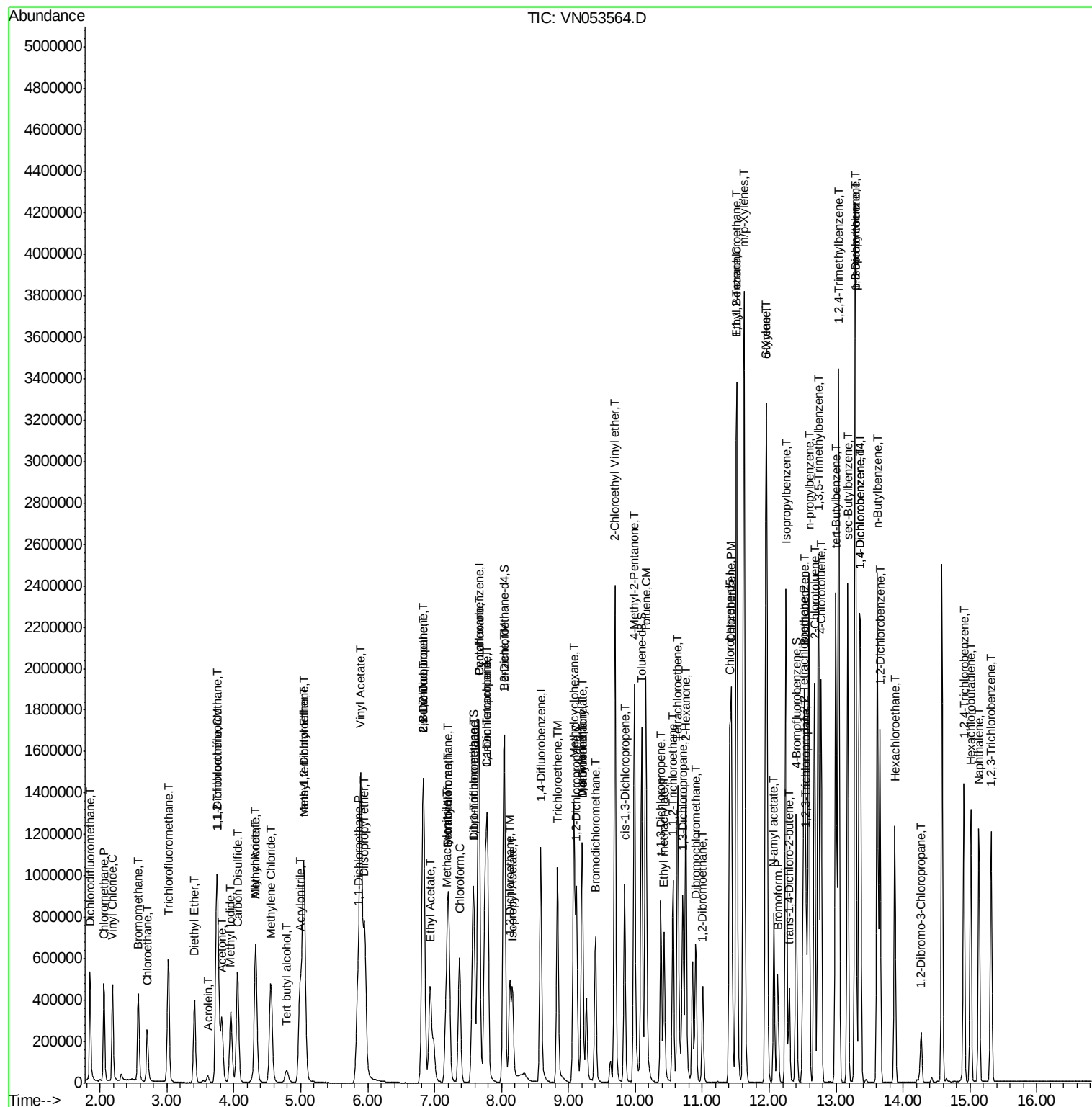
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	511383	55.884	ug/l	100
94) Hexachlorobutadiene	15.01	225	295782	51.903	ug/l	100
95) Naphthalene	15.13	128	1090694	50.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	471795	55.566	ug/l	100

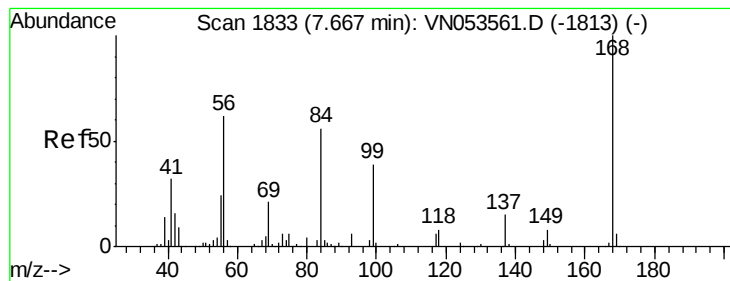
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

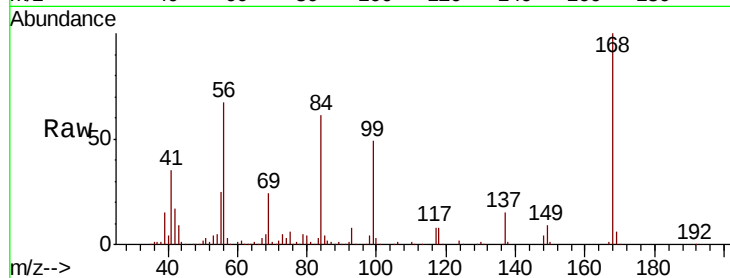
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Tot Ion:168 Resp: 778813

Ion Ratio Lower Upper

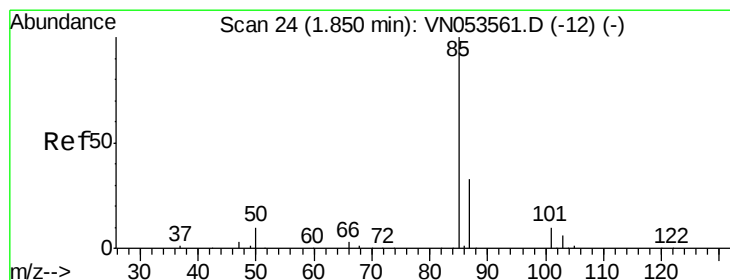
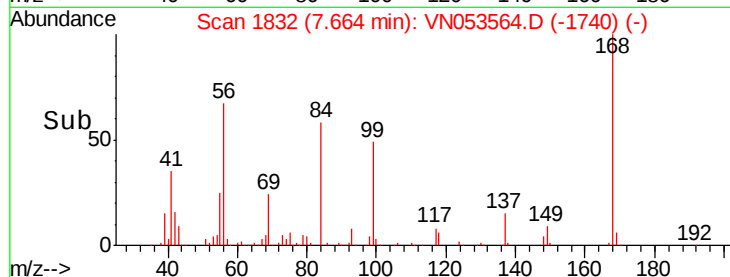
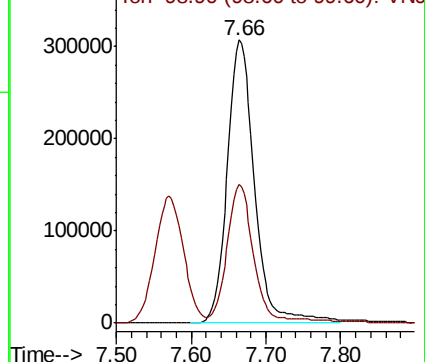
168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 49.210 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053564.D

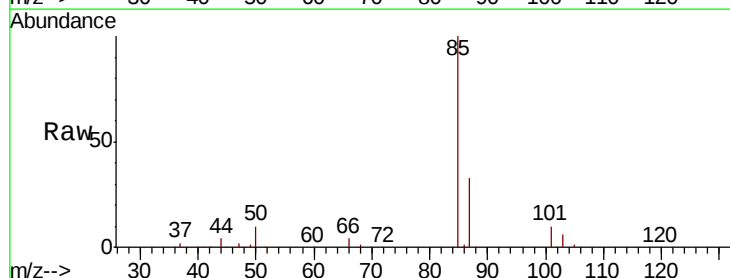
Acq: 30 Jan 2019 11:42

Tgt Ion: 85 Resp: 432026

Ion Ratio Lower Upper

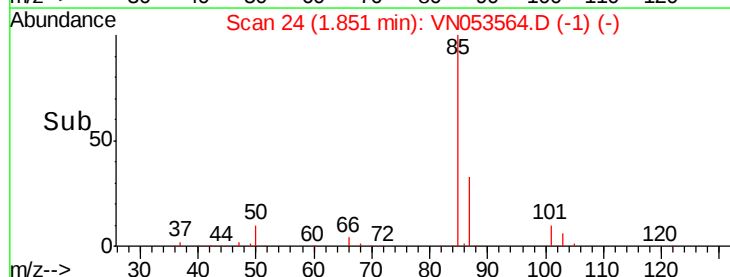
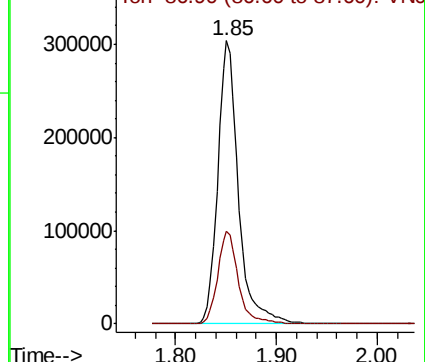
85 100

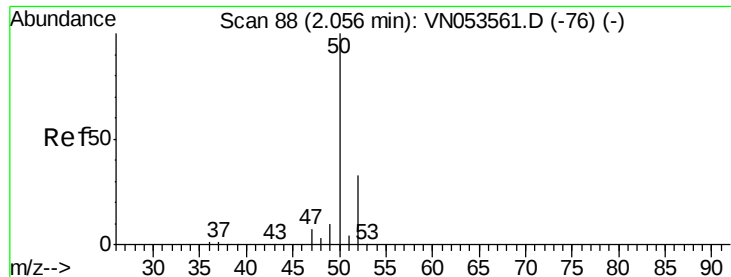
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 50.135 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

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ClientSampleId :

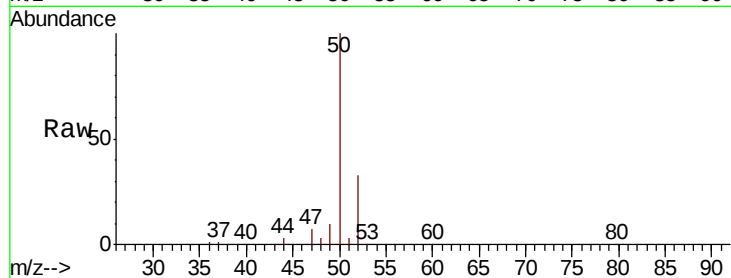
ICVVN013019

Tot Ion: 50 Resp: 463555

Ion Ratio Lower Upper

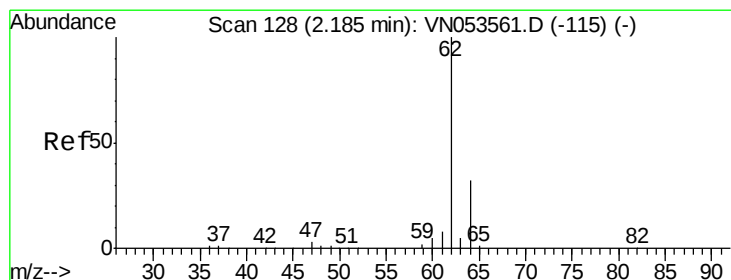
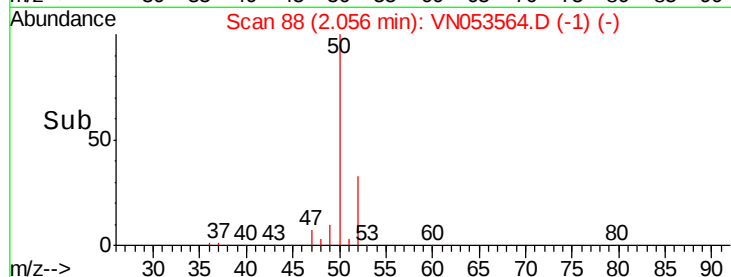
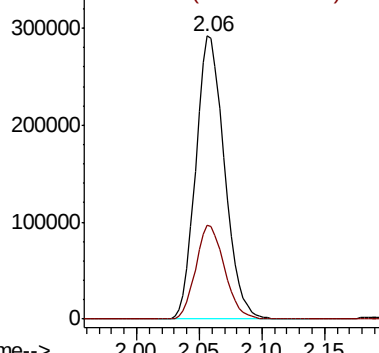
50 100

52 33.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.635 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053564.D

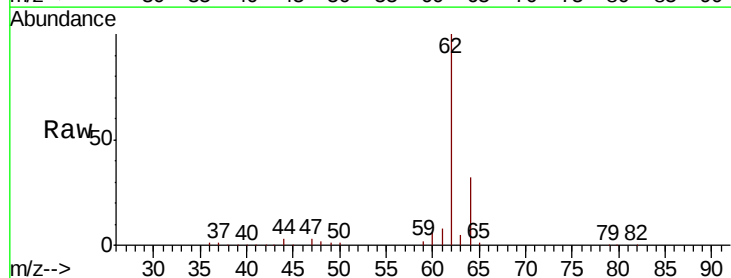
Acq: 30 Jan 2019 11:42

Tgt Ion: 62 Resp: 445498

Ion Ratio Lower Upper

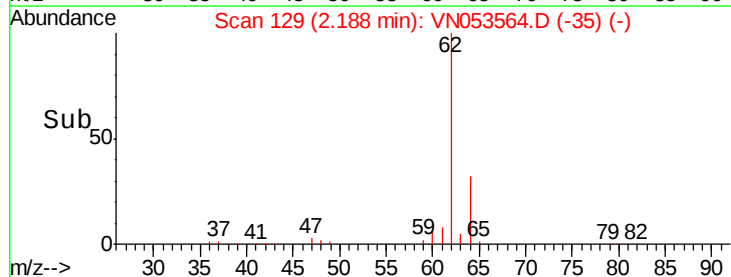
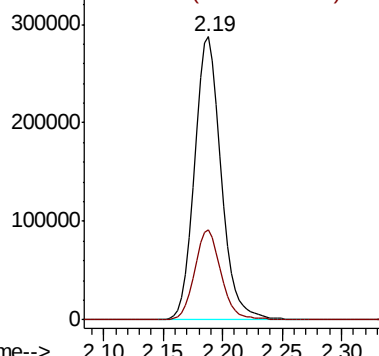
62 100

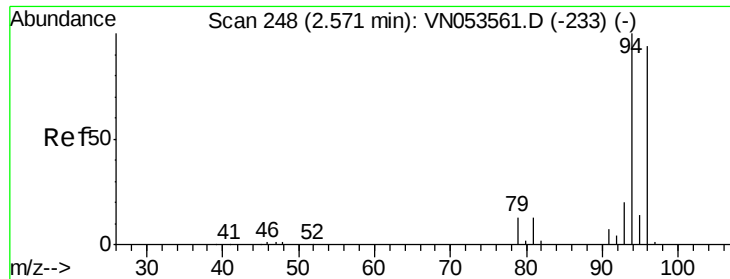
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

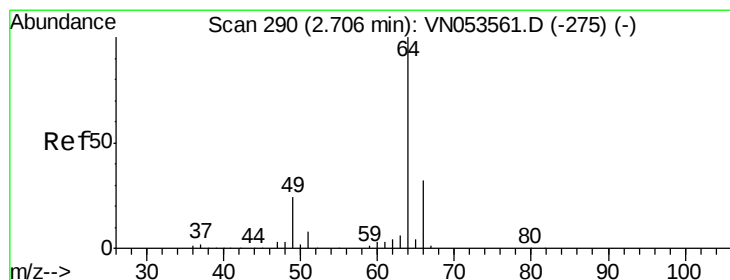
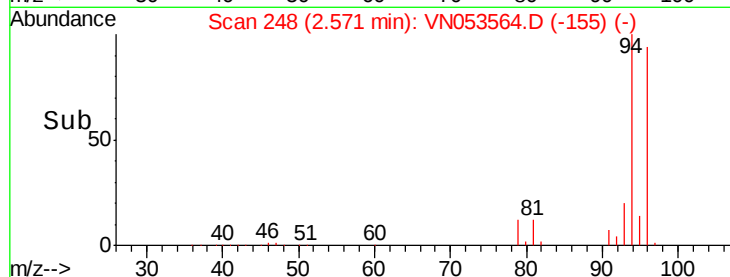
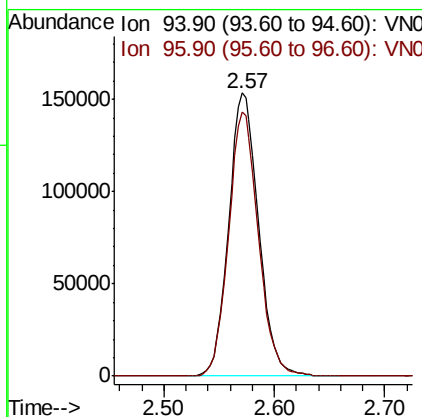
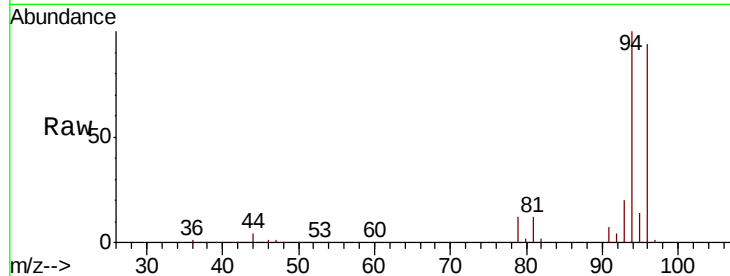




#5
Bromomethane
Concen: 49.029 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

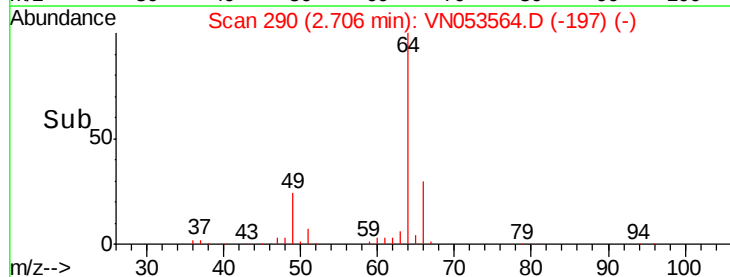
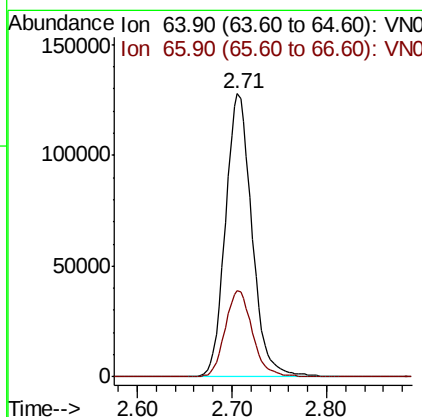
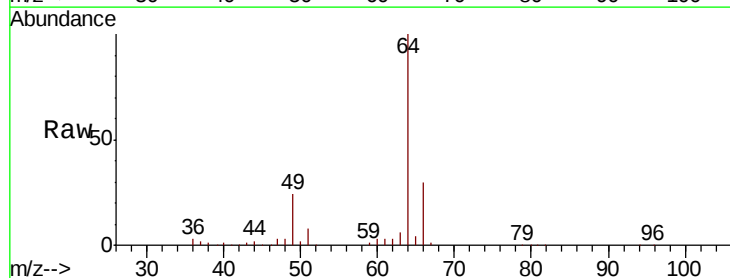
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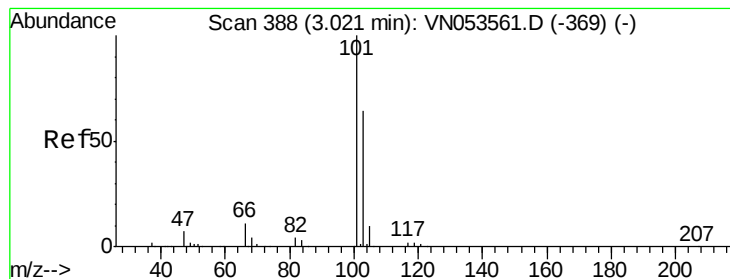
Tot Ion: 94 Resp: 287735
Ion Ratio Lower Upper
94 100
96 93.5 76.8 115.2



#6
Chloroethane
Concen: 48.525 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 64 Resp: 248888
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7



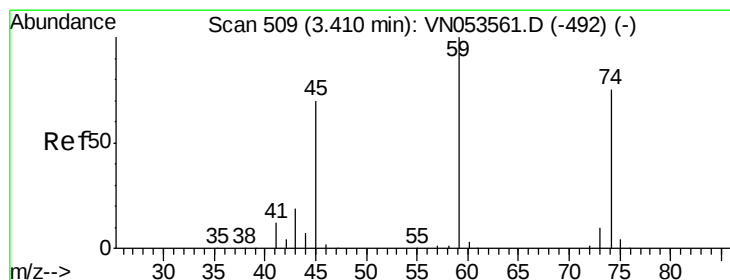
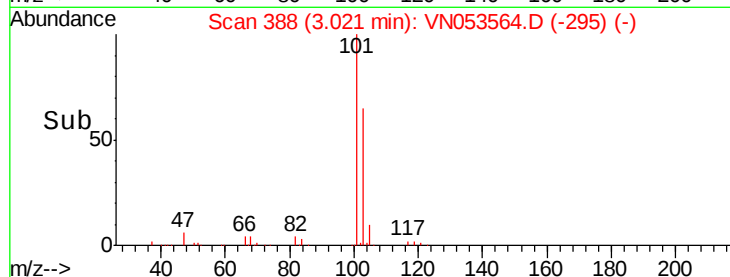
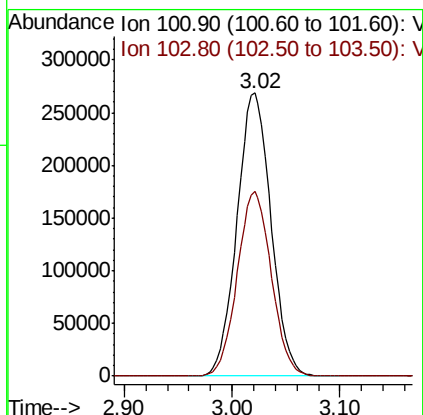
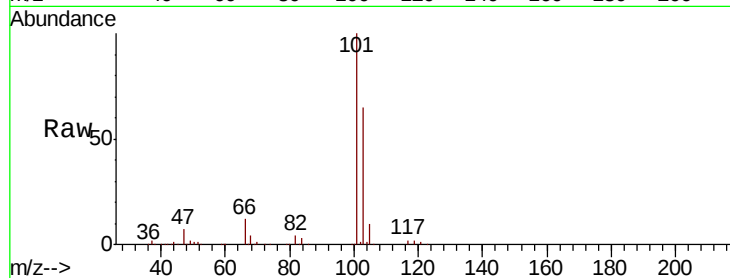


#7

Trichlorofluoromethane
 Concen: 48.558 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053564.D
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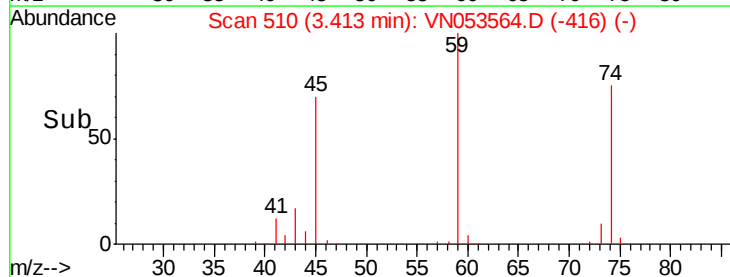
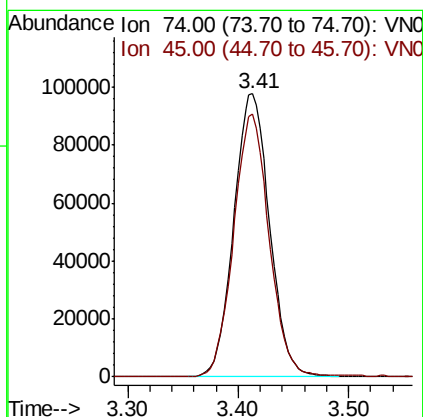
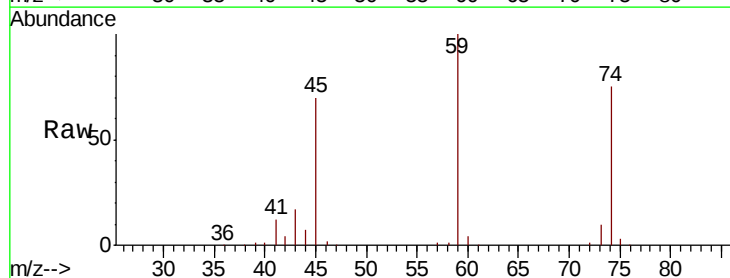
Tot Ion:101 Resp: 591027
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.6 77.4

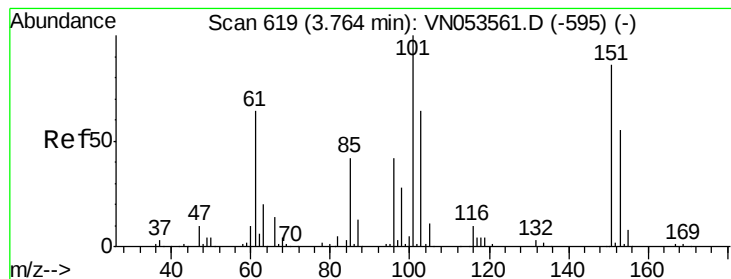


#8

Diethyl Ether
 Concen: 49.392 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion: 74 Resp: 219551
 Ion Ratio Lower Upper
 74 100
 45 92.6 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.130 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN053564.D

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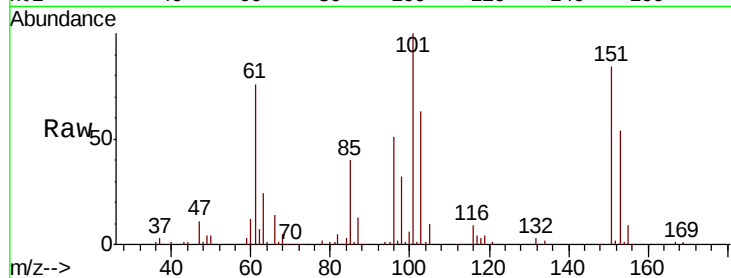
Tot Ion:101 Resp: 377353

Ion Ratio Lower Upper

101 100

85 39.9 32.8 49.2

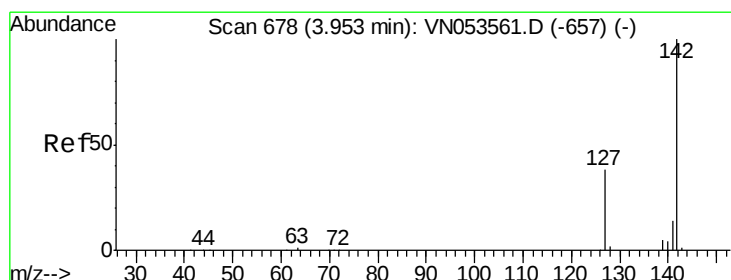
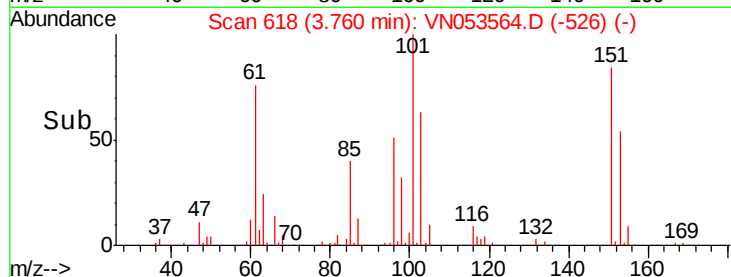
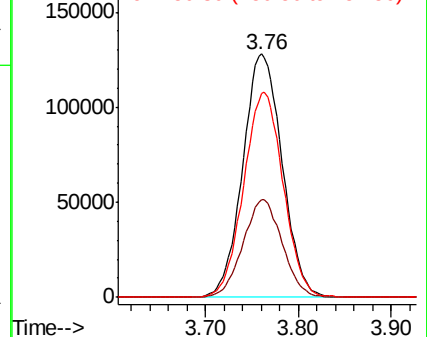
151 84.6 66.9 100.3



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: 47.884 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

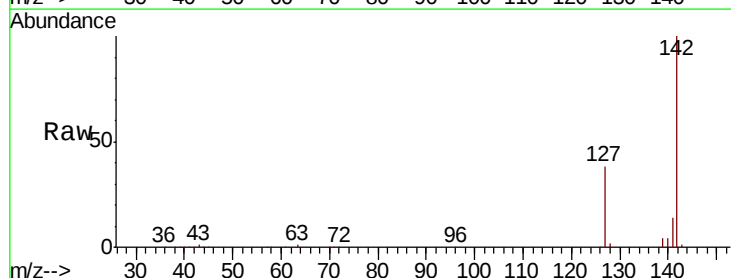
Tgt Ion:142 Resp: 565744

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

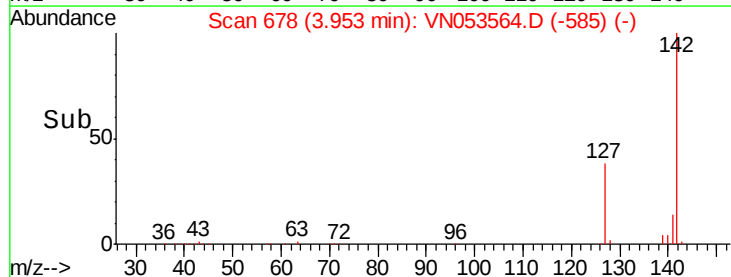
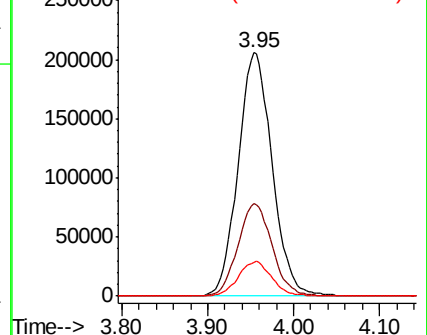
141 14.0 11.1 16.7

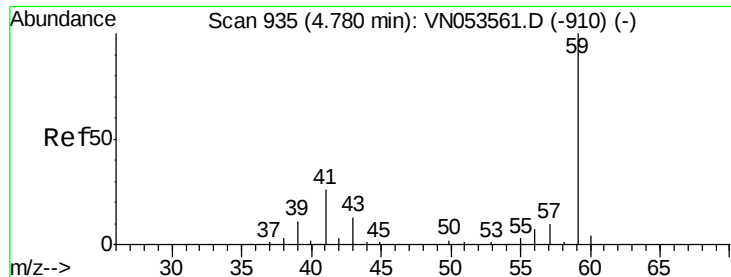


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

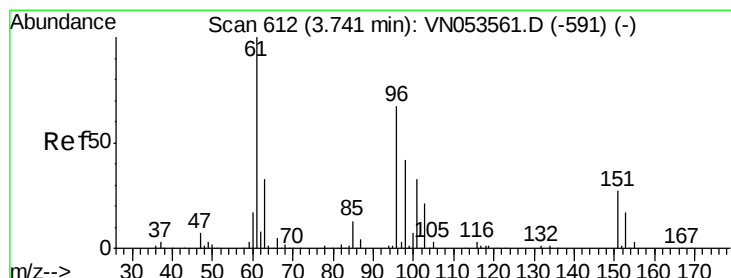
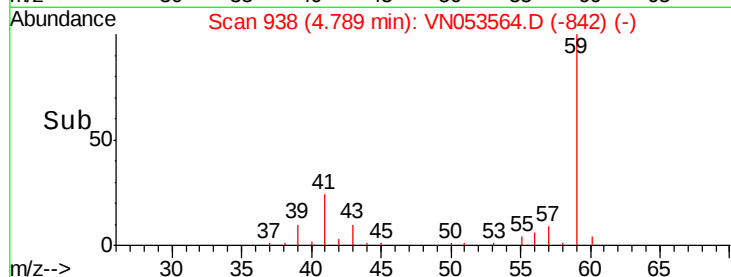
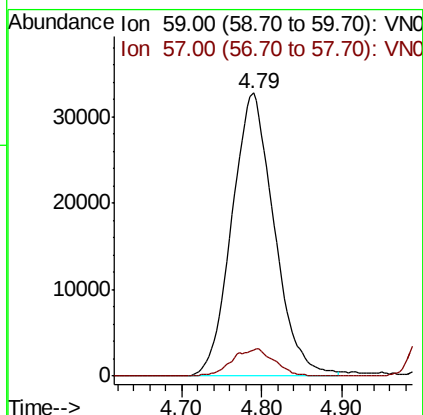
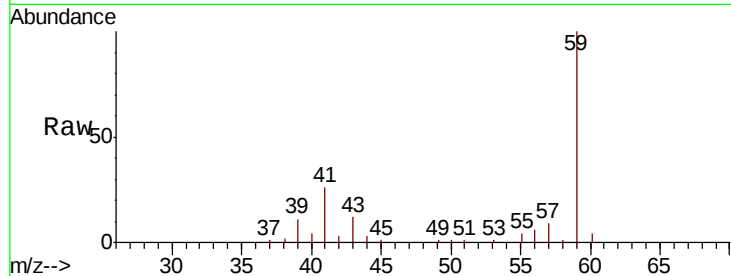




#11
Tert butyl alcohol
Concen: 254.316 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

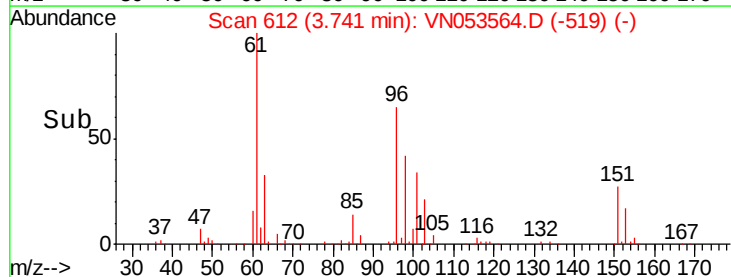
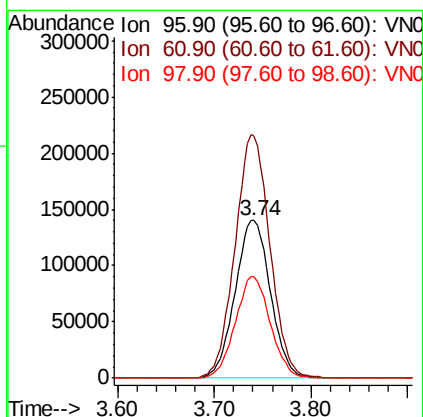
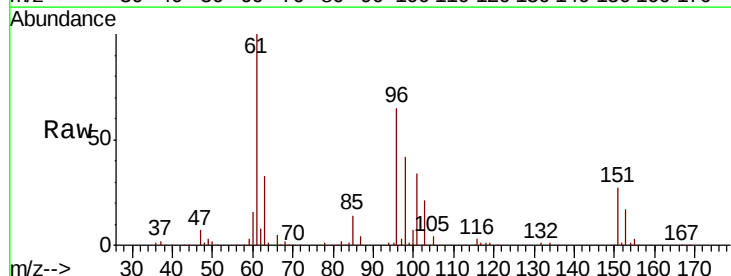
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

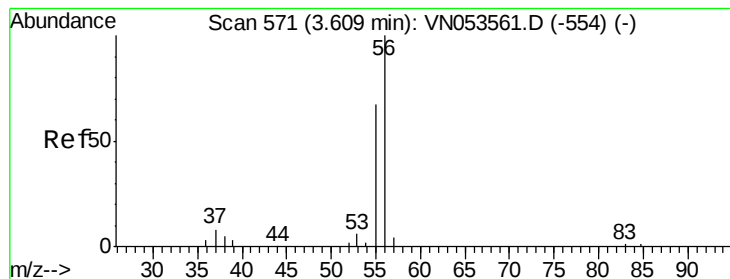
Tot Ion: 59 Resp: 117594
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.539 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 96 Resp: 357277
Ion Ratio Lower Upper
96 100
61 154.0 122.9 184.3
98 64.3 49.4 74.0





#13

Acrolein

Concen: 217.271 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

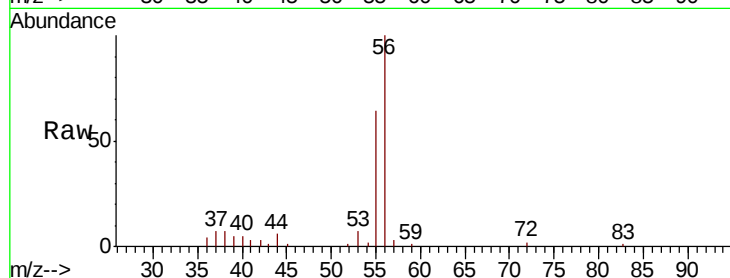
ICVFN013019

Tot Ion: 56 Resp: 39129

Ion Ratio Lower Upper

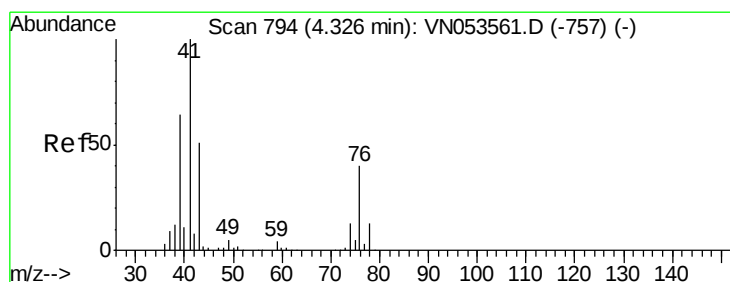
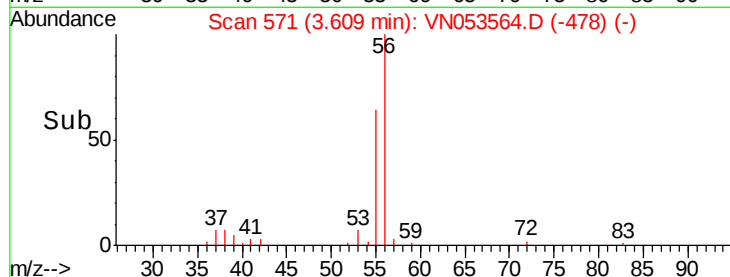
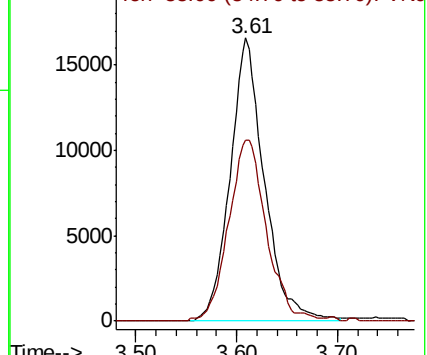
56 100

55 70.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.793 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

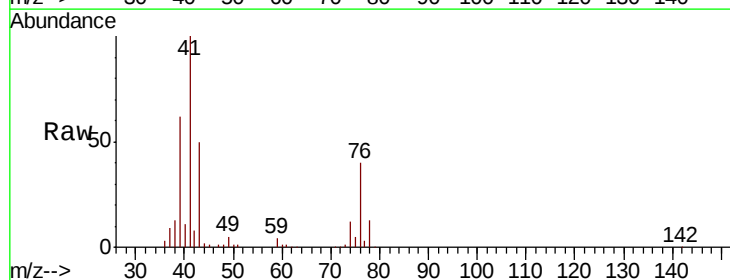
Tgt Ion: 41 Resp: 571775

Ion Ratio Lower Upper

41 100

39 60.9 48.9 73.3

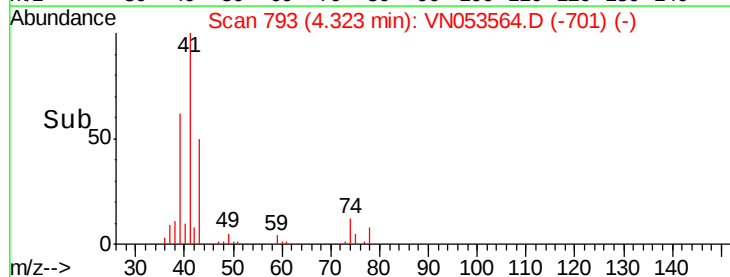
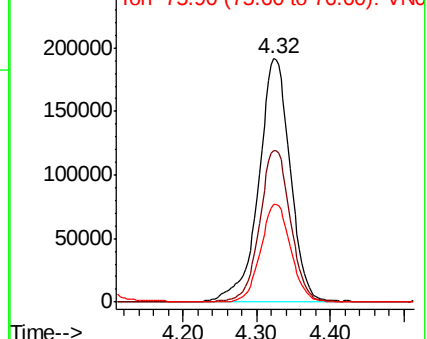
76 37.9 29.4 44.2

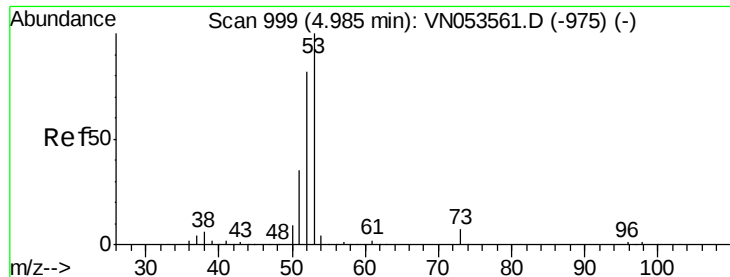


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 249.241 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVFN013019

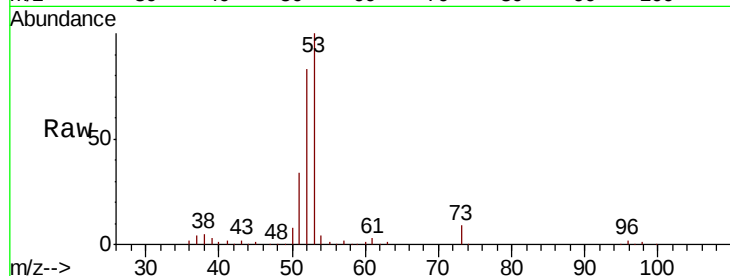
Tot Ion: 53 Resp: 622162

Ion Ratio Lower Upper

53 100

52 81.5 66.0 99.0

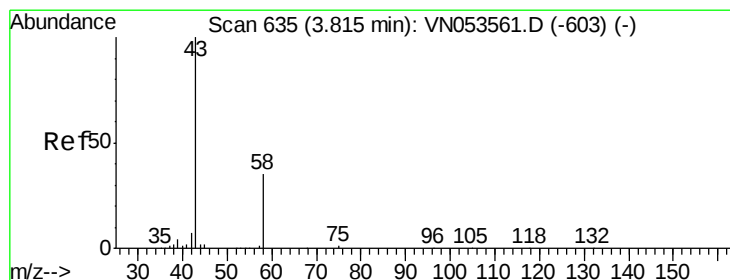
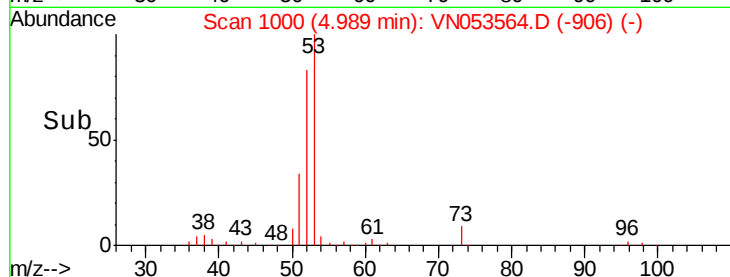
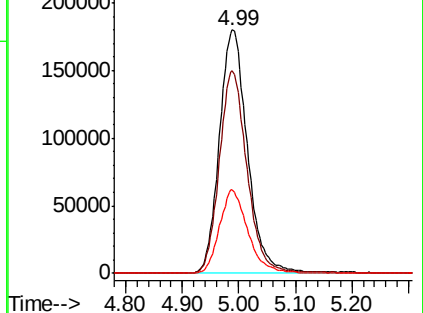
51 34.9 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 255.198 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053564.D

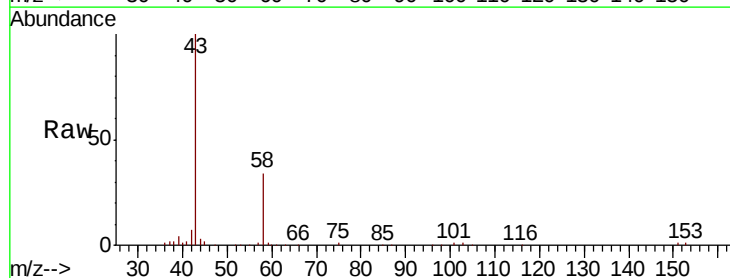
Acq: 30 Jan 2019 11:42

Tgt Ion: 43 Resp: 511431

Ion Ratio Lower Upper

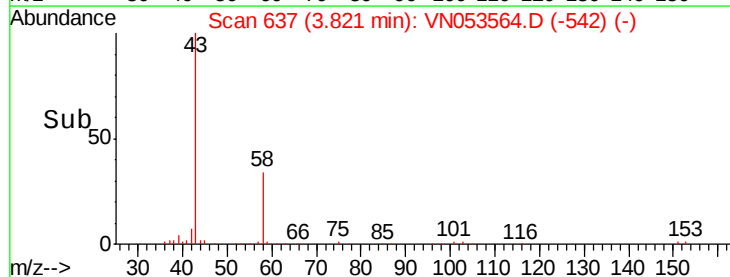
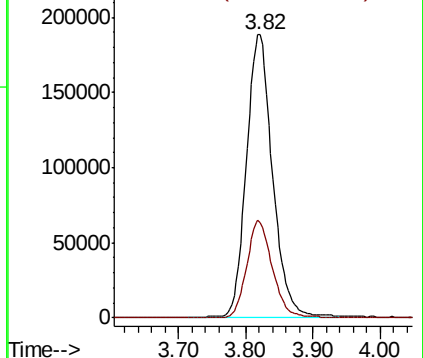
43 100

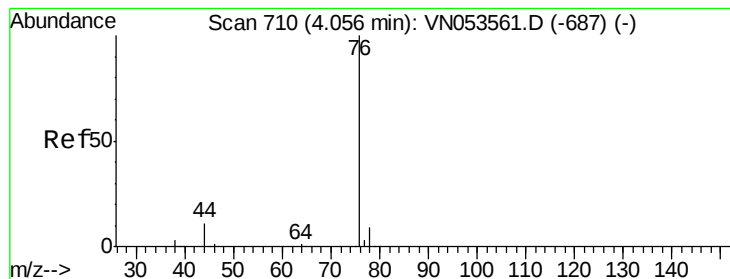
58 33.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 48.288 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

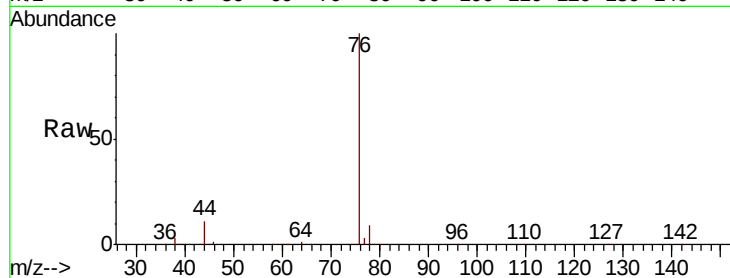
ICVFN013019

Tot Ion: 76 Resp: 1084396

Ion Ratio Lower Upper

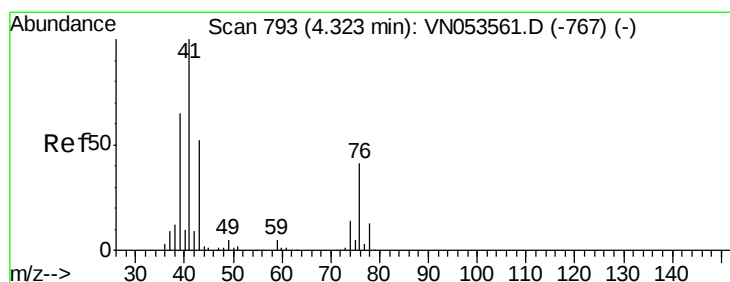
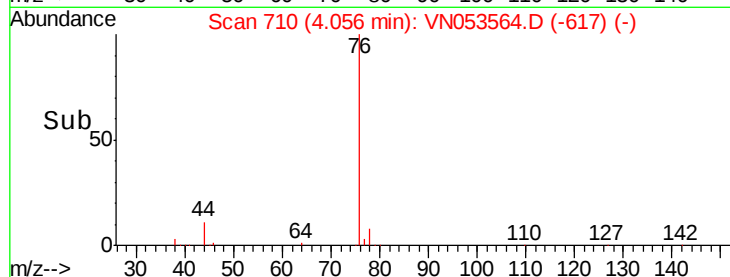
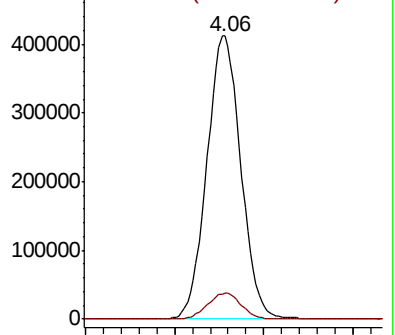
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 47.543 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053564.D

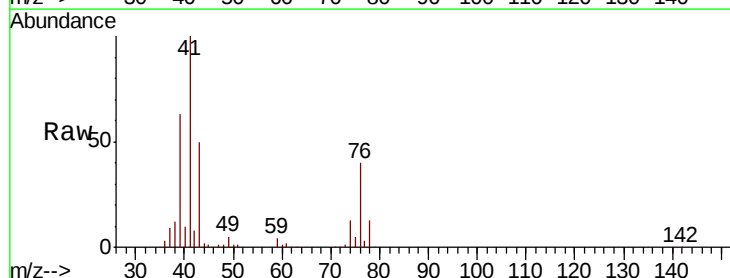
Acq: 30 Jan 2019 11:42

Tgt Ion: 43 Resp: 282172

Ion Ratio Lower Upper

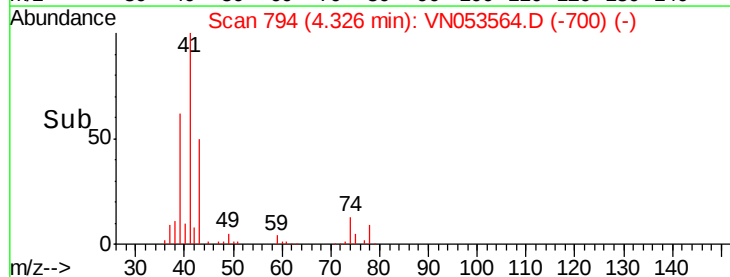
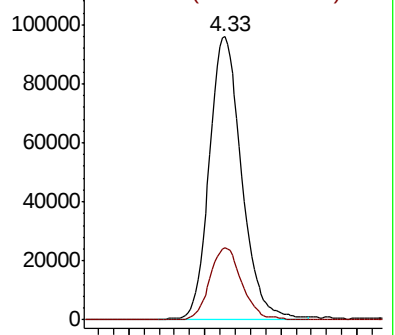
43 100

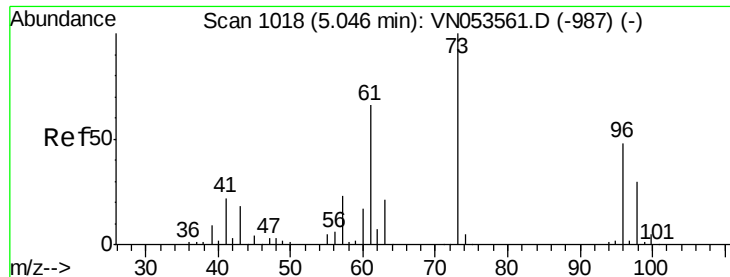
74 25.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

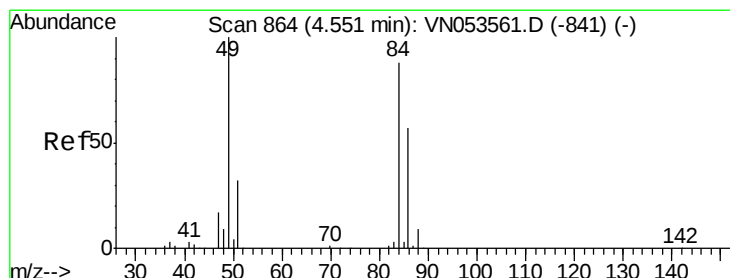
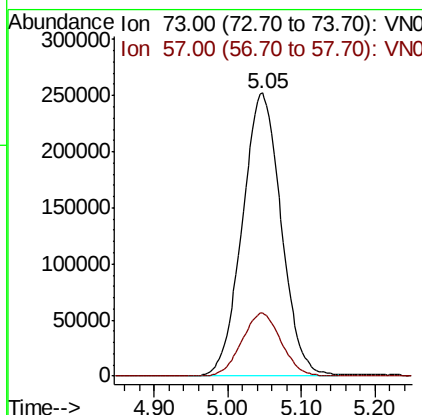
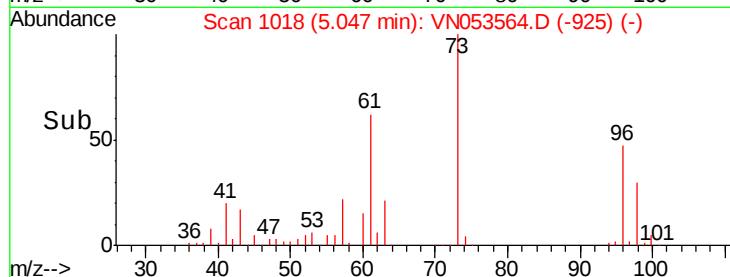
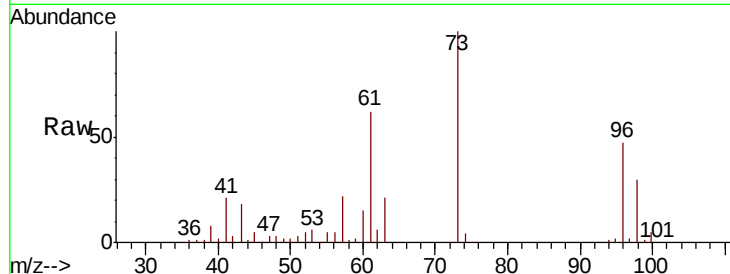




#19
Methvl tert-butvl Ether
Concen: 50.697 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

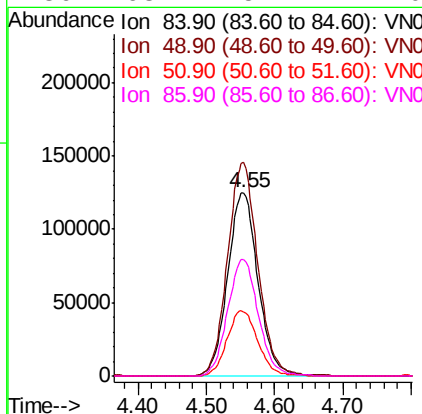
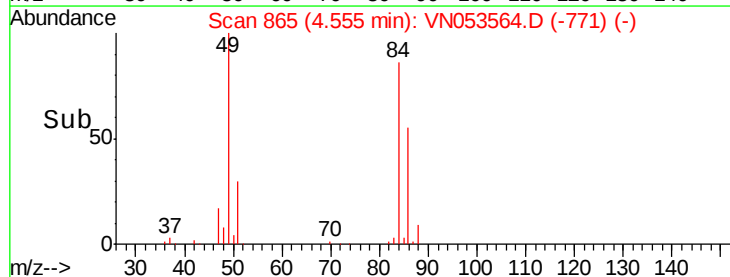
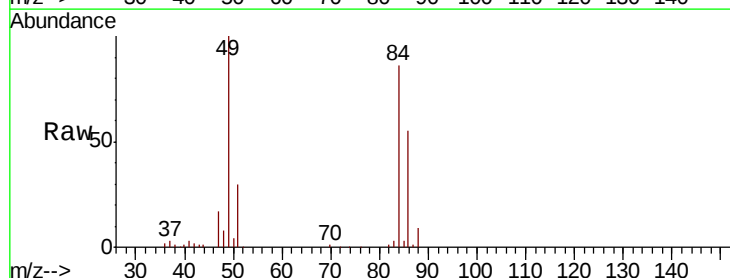
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

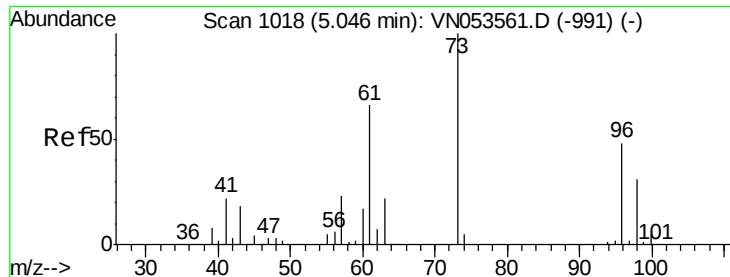
Tot Ion: 73 Resp: 926888
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 46.110 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 84 Resp: 387683
Ion Ratio Lower Upper
84 100
49 116.3 94.3 141.5
51 35.1 29.4 44.2
86 63.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 48.902 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

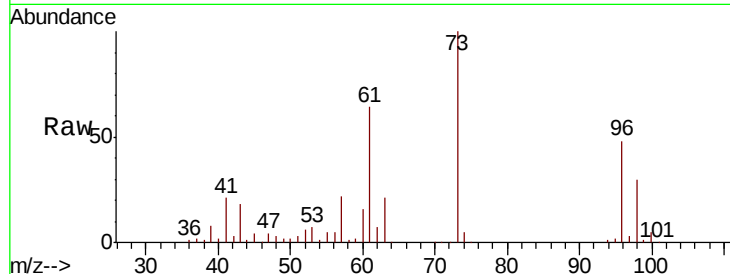
Tot Ion: 96 Resp: 380492

Ion Ratio Lower Upper

96 100

61 132.7 110.1 165.1

98 62.6 50.0 75.0

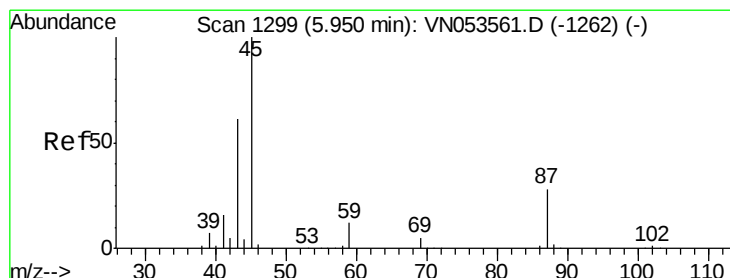
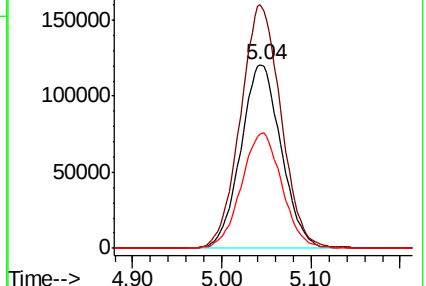
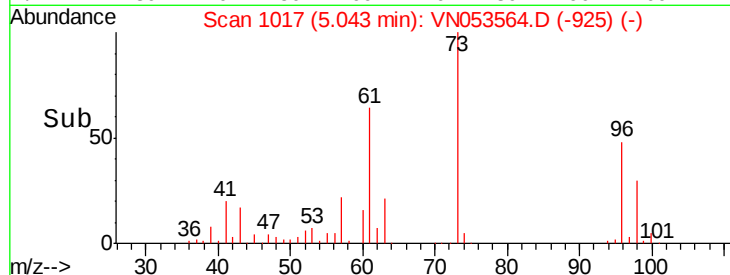


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.104 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Tgt Ion: 45 Resp: 1066069

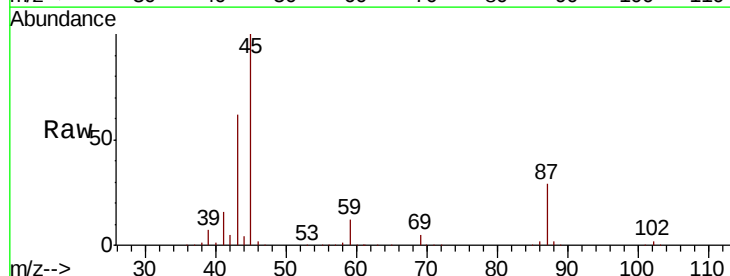
Ion Ratio Lower Upper

45 100

43 60.8 44.2 66.4

87 28.3 22.7 34.1

59 12.2 9.4 14.2



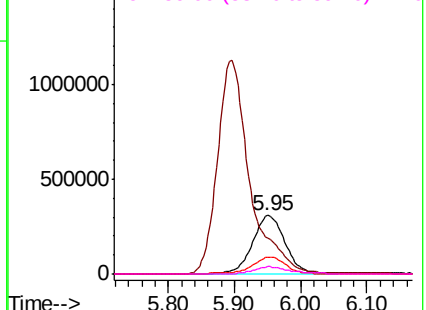
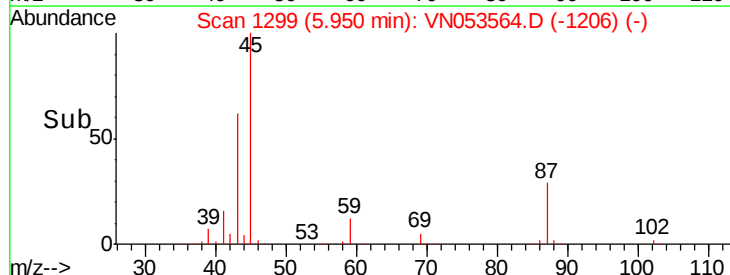
Abundance

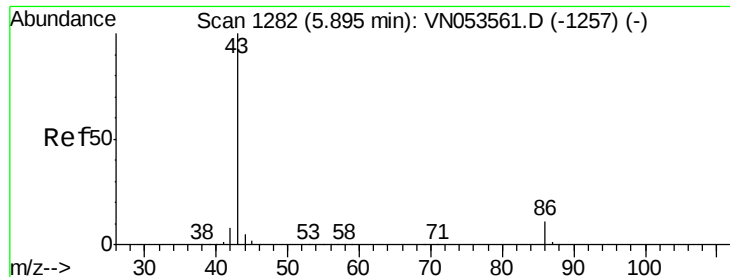
Ion 45.00 (44.70 to 45.70): VN0

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

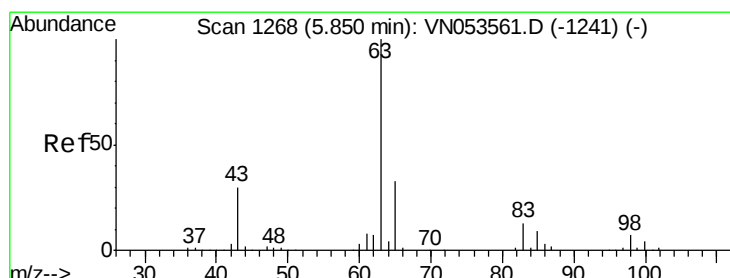
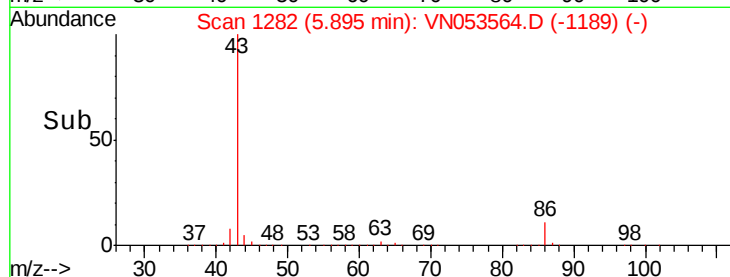
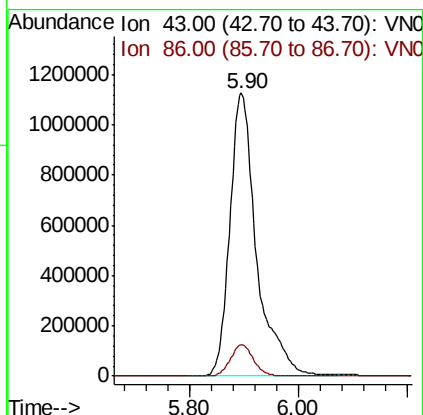
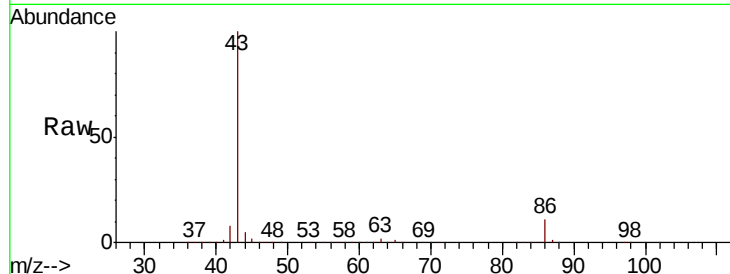




#23
 Vinyl Acetate
 Concen: 260.550 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

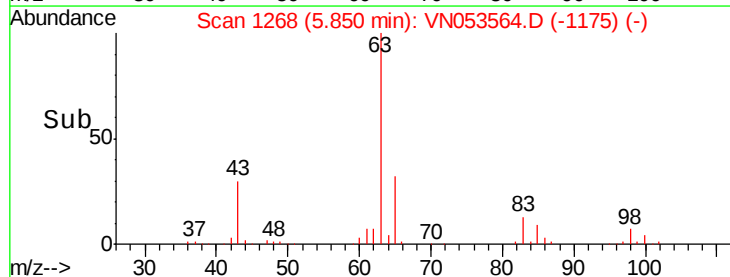
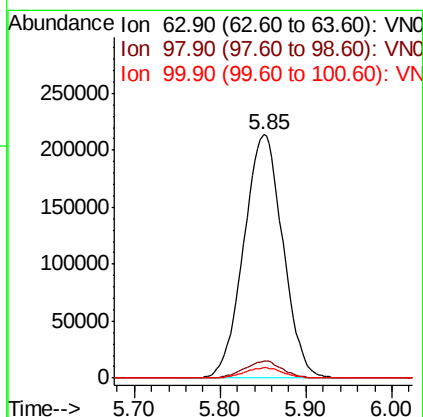
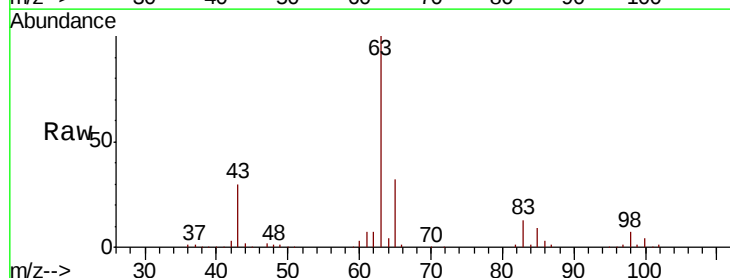
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

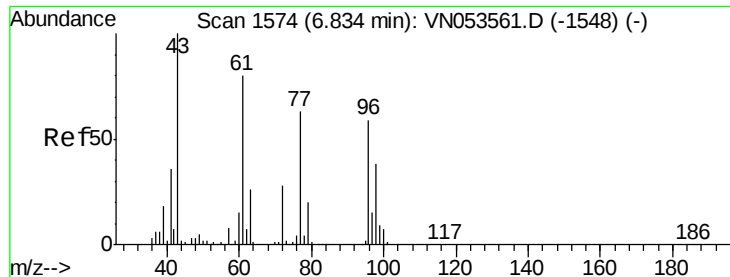
Tot Ion: 43 Resp: 3835085
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 47.692 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion: 63 Resp: 676828
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.2 2.1 6.5

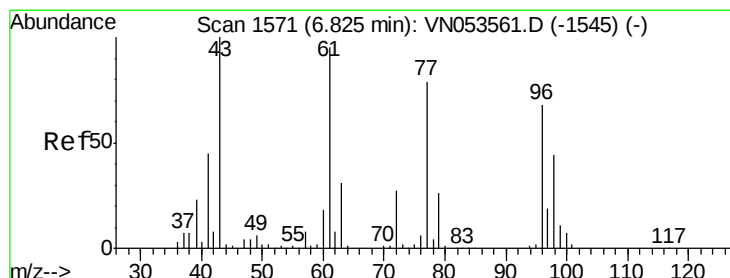
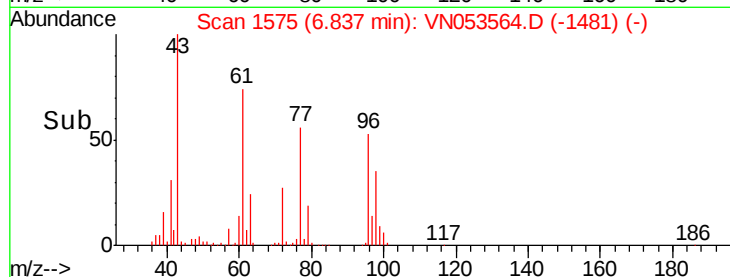
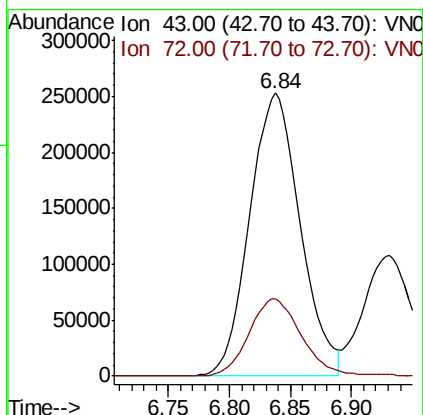
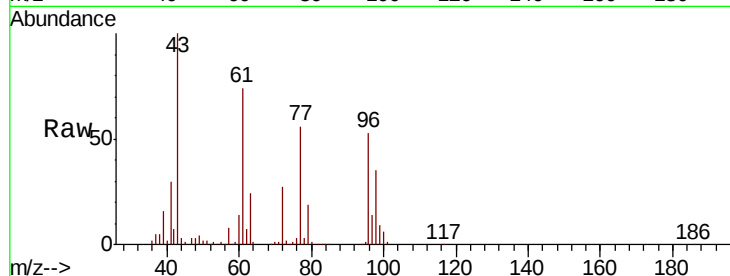




#25
2-Butanone
Concen: 253.905 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

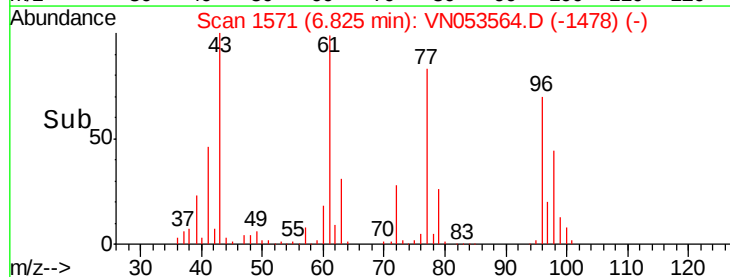
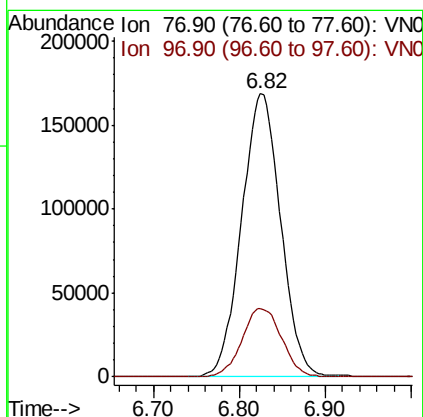
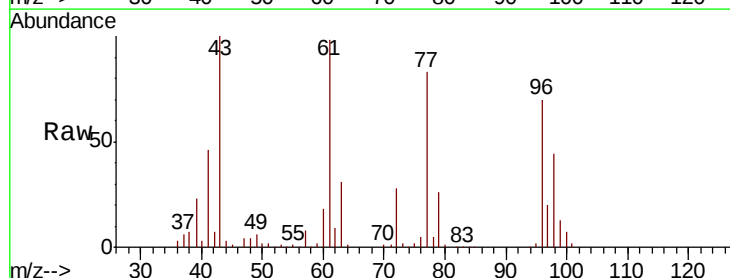
Instrument :
MSVOA_N
ClientSampled :
ICVVO13019

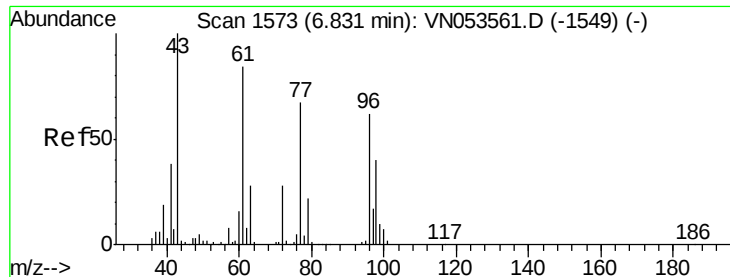
Tot Ion: 43 Resp: 725717
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 49.234 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 77 Resp: 533367
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 48.751 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampled :

ICVVN013019

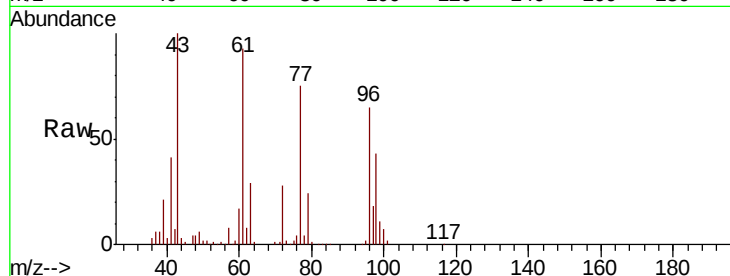
Tot Ion: 96 Resp: 421789

Ion Ratio Lower Upper

96 100

61 140.8 0.0 283.8

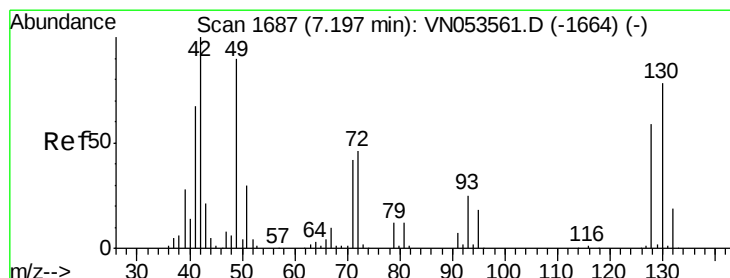
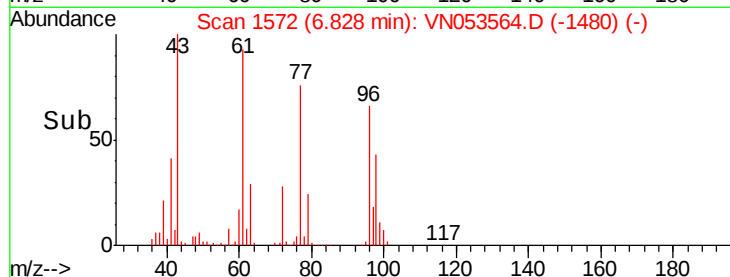
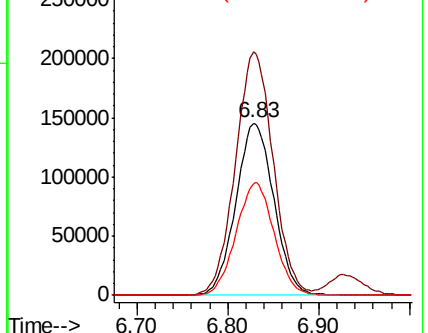
98 65.4 0.0 129.2



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: 48.432 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

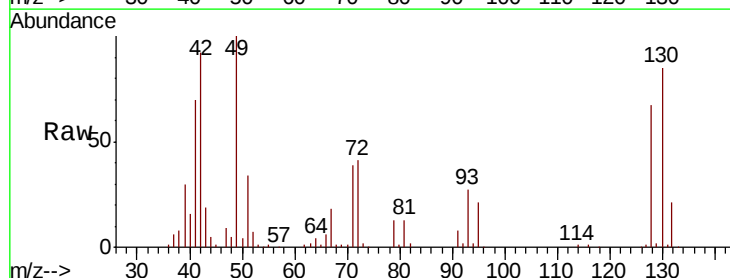
Tgt Ion: 49 Resp: 298274

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

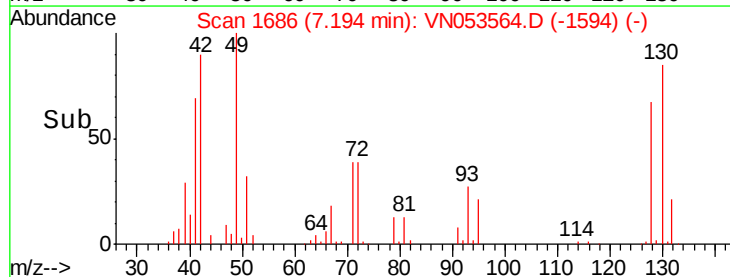
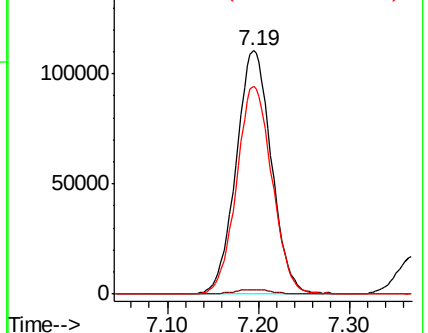
130 85.5 66.3 99.5



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

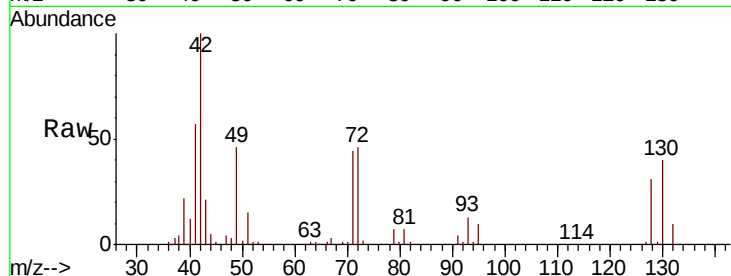




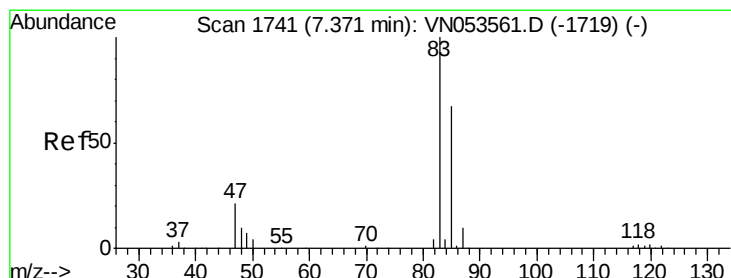
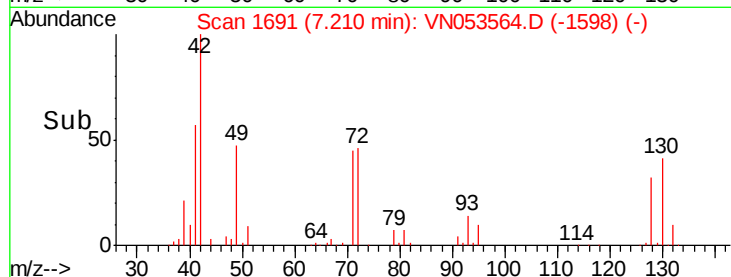
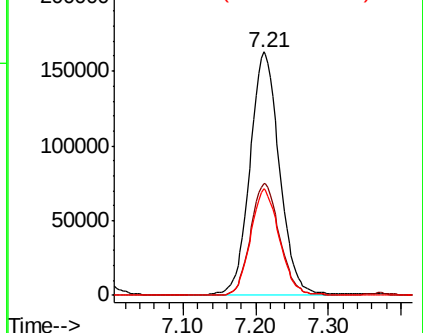
#29
Tetrahydrofuran
Concen: 250.764 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

Tot Ion: 42 Resp: 460239
Ion Ratio Lower Upper
42 100
72 45.4 35.2 52.8
71 42.6 33.0 49.4

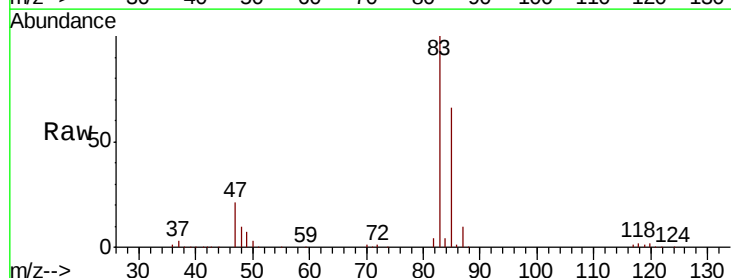


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

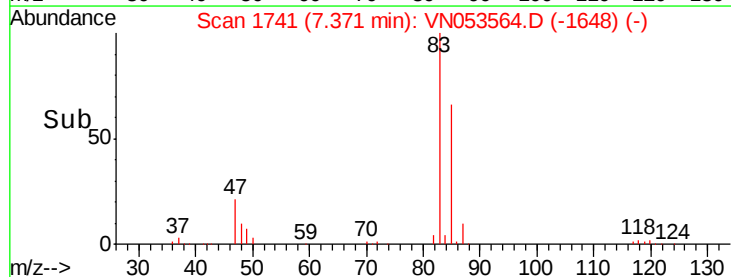
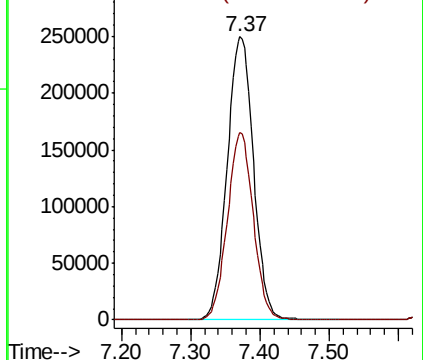


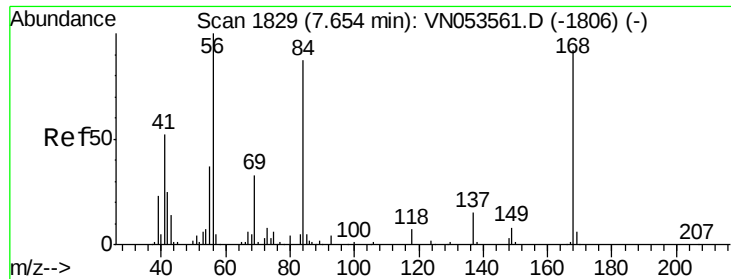
#30
Chloroform
Concen: 47.200 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 83 Resp: 664018
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.2



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

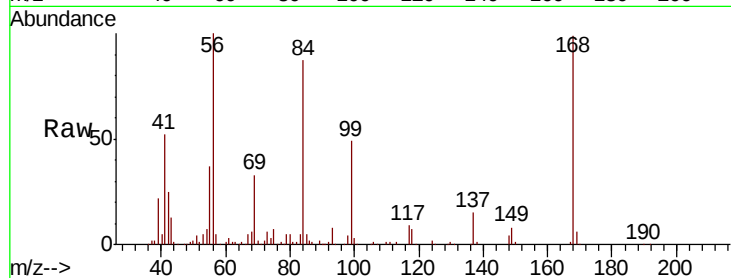




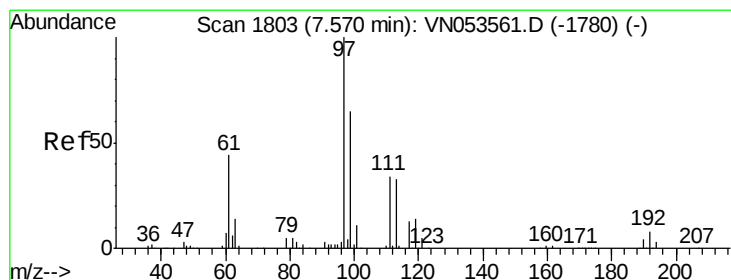
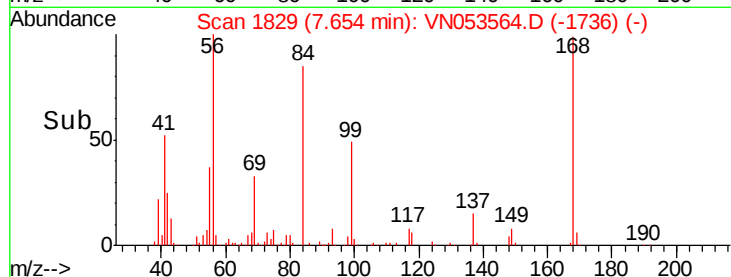
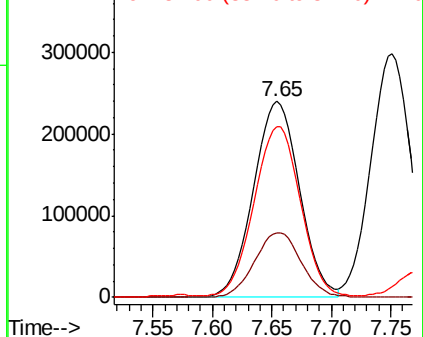
#31
Cyclohexane
Concen: 48.640 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Instrument :
MSVOA_N
ClientSampled :
ICVVN013019

Tot Ion: 56 Resp: 642748
Ion Ratio Lower Upper
56 100
69 33.1 26.4 39.6
84 86.3 67.9 101.9

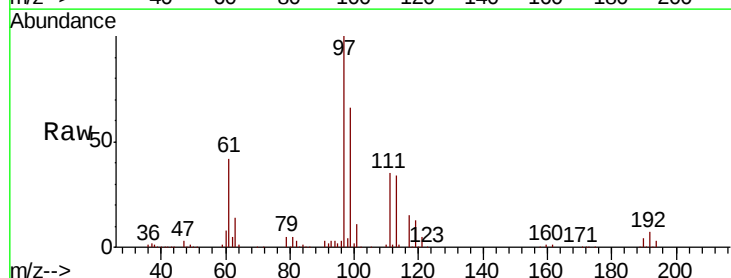


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

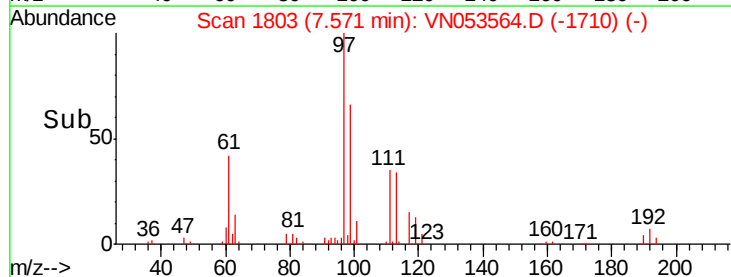
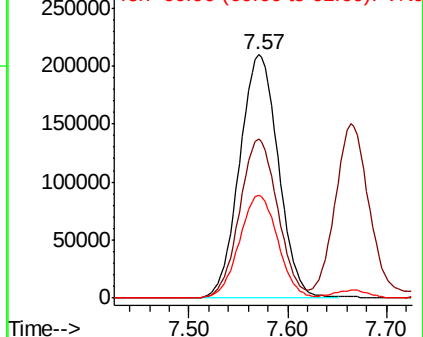


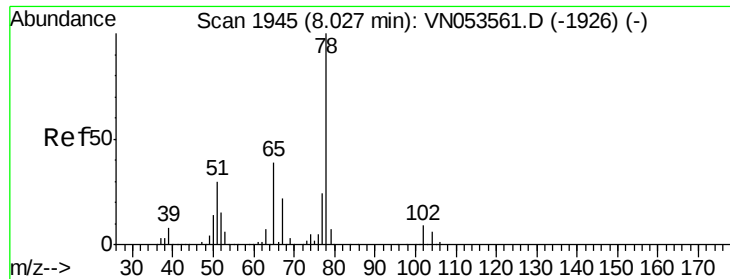
#32
1,1,1-Trichloroethane
Concen: 48.678 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 97 Resp: 569905
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 41.9 34.4 51.6



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

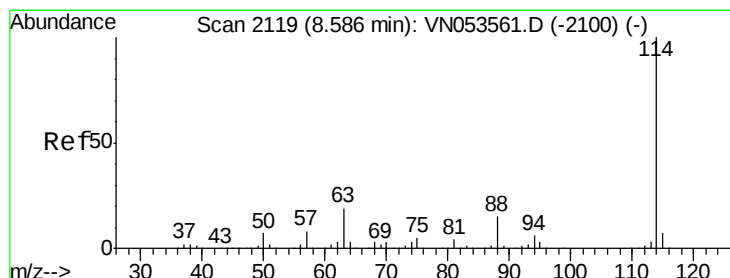
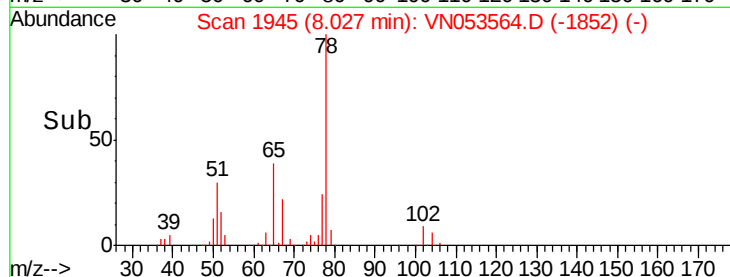
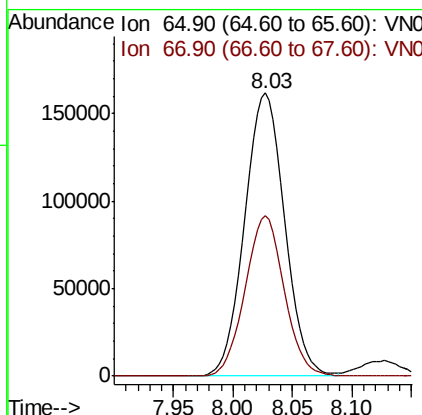
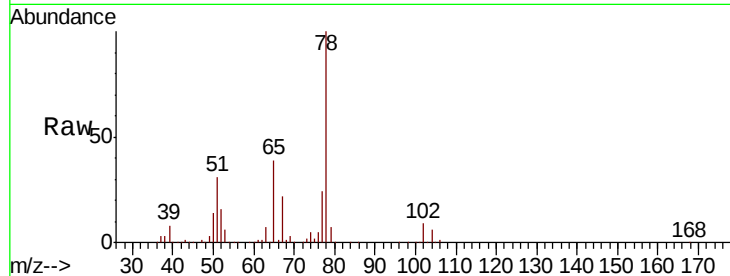




#33
 1,2-Dichloroethane-d4
 Concen: 48.678 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

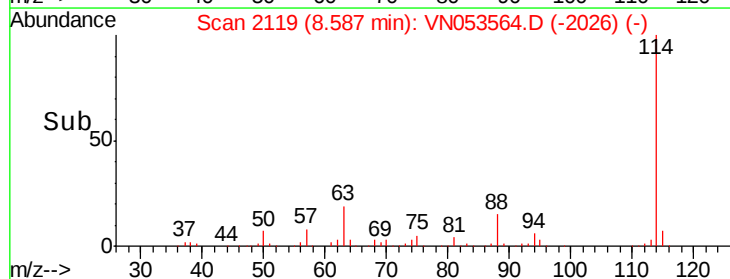
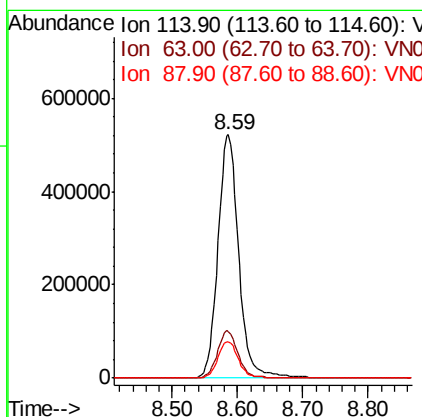
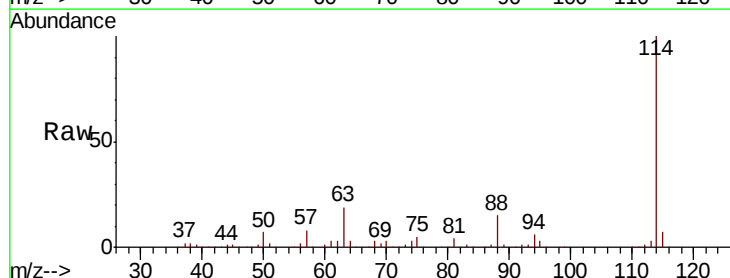
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

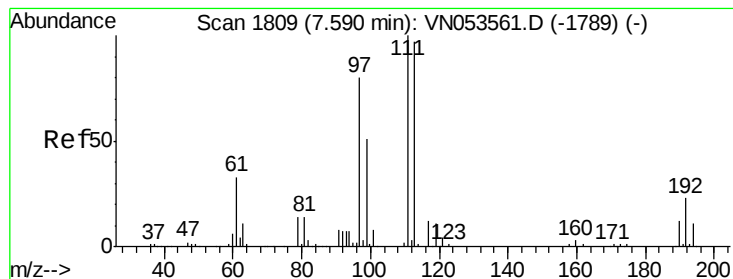
Tot Ion: 65 Resp: 377405
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion: 114 Resp: 1153584
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

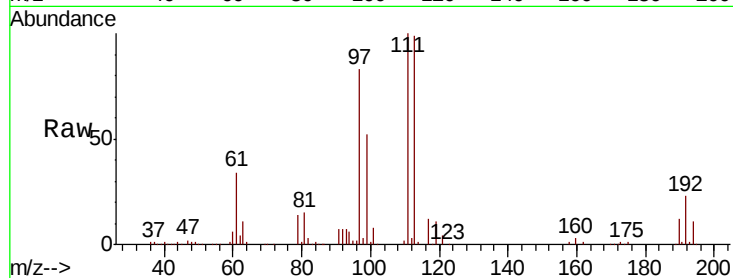
Tot Ion:113 Resp: 365094

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

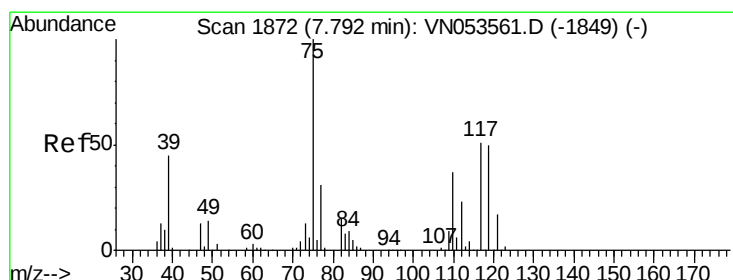
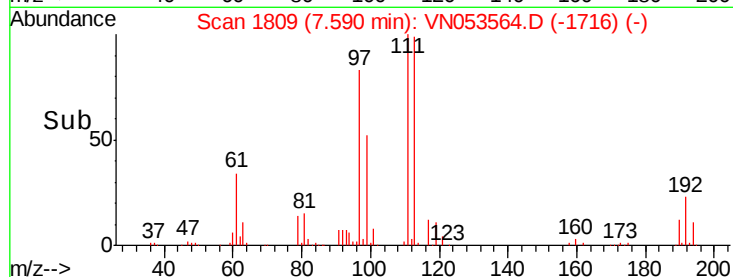
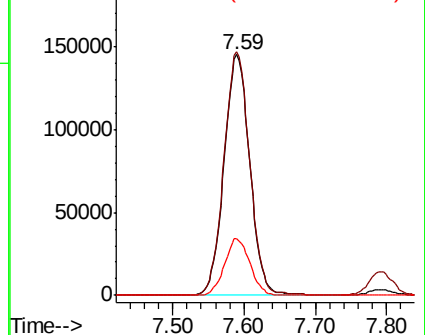
192 23.2 18.2 27.2



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: 50.428 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

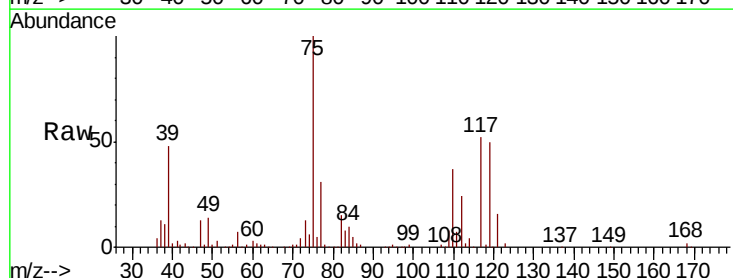
Tgt Ion: 75 Resp: 524389

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.3

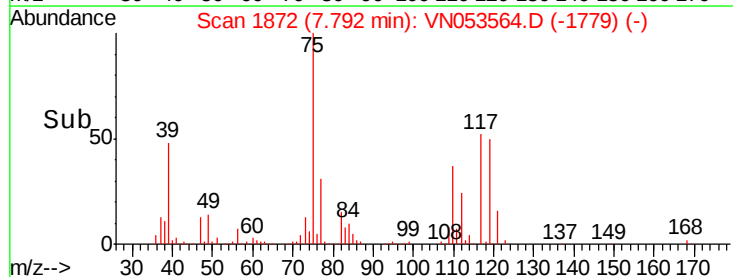
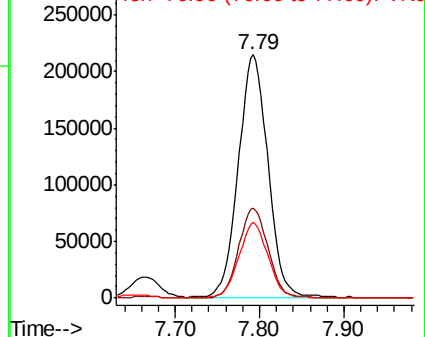
77 31.2 25.1 37.7

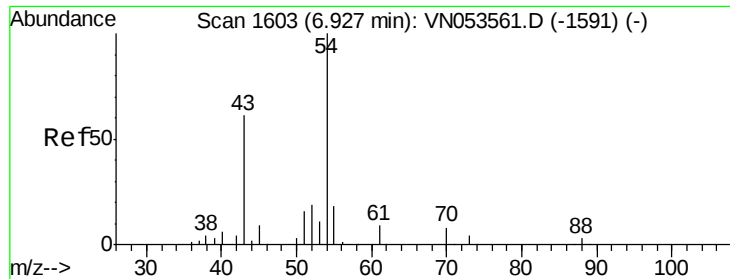


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

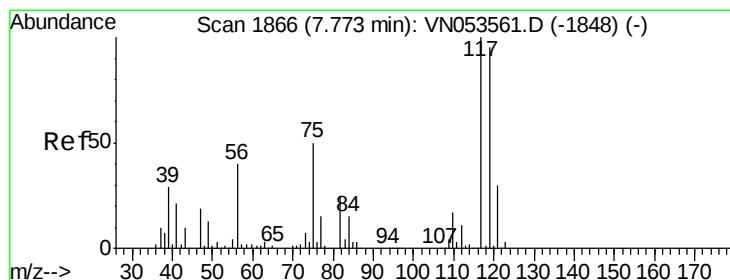
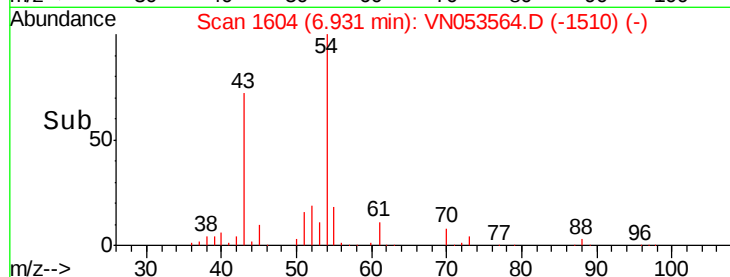
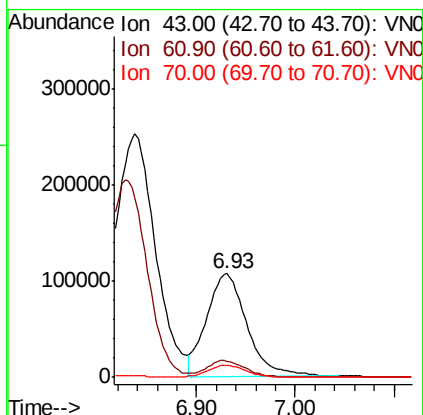
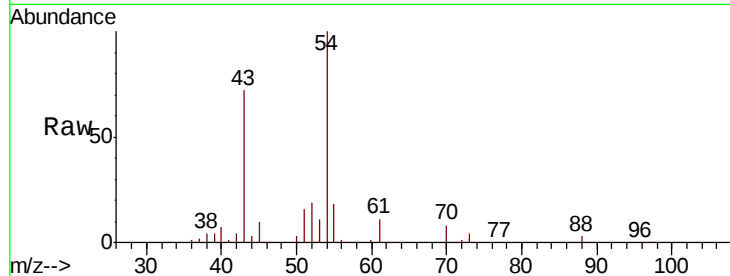




#37
Ethyl Acetate
Concen: 52.598 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

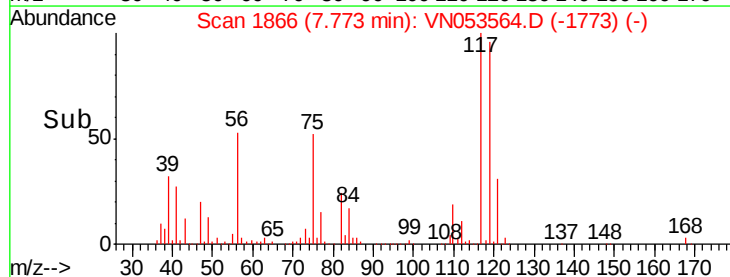
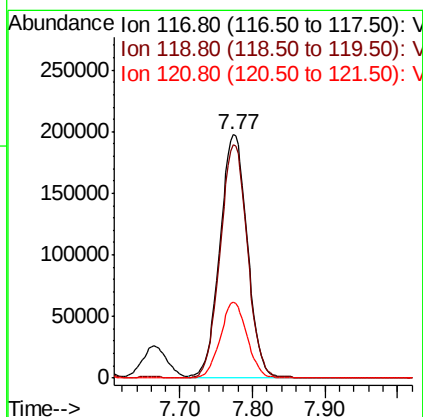
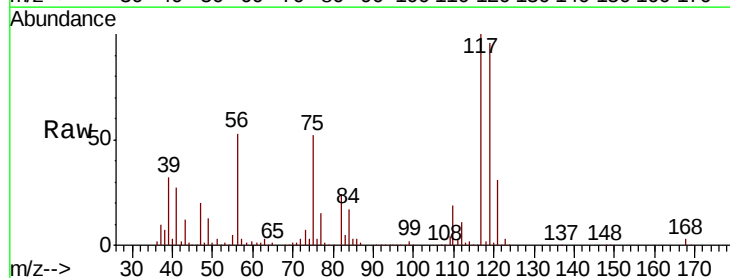
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

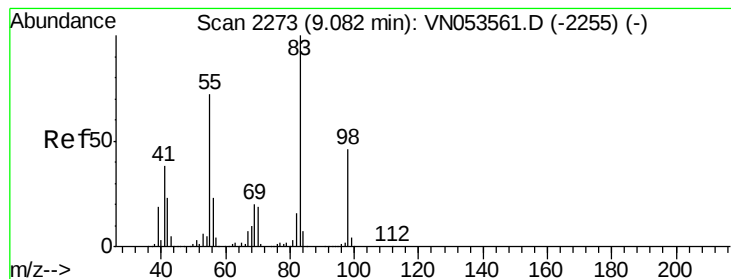
Tot Ion: 43 Resp: 305481
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.455 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 117 Resp: 518078
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 31.0 24.6 37.0





#39

Methvlcvclohexane

Concen: 53.653 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVFN013019

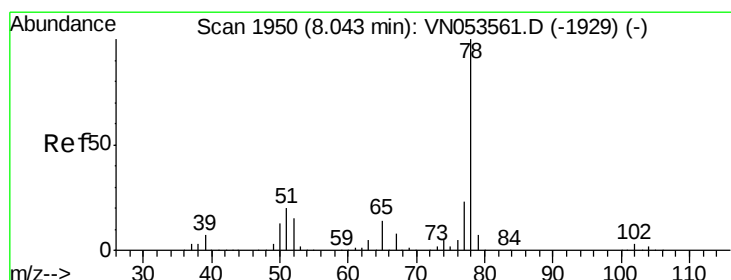
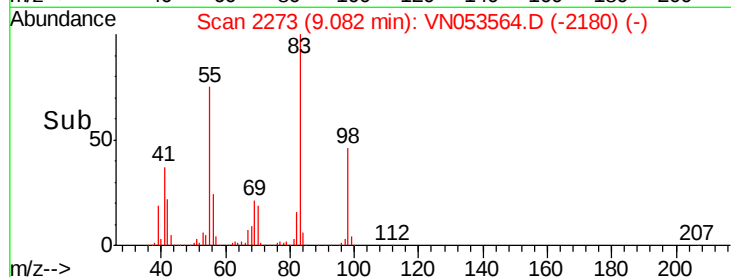
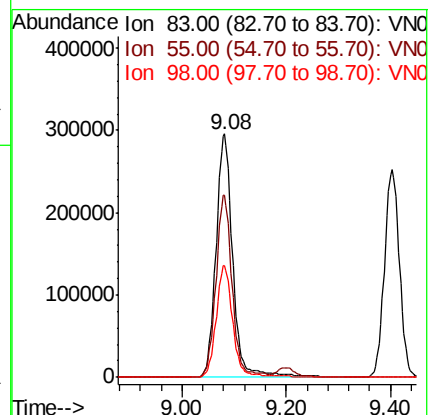
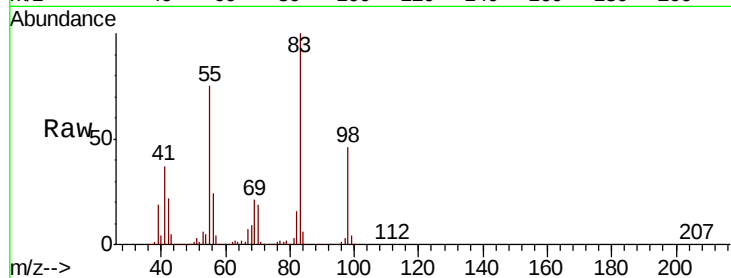
Tot Ion: 83 Resp: 661929

Ion Ratio Lower Upper

83 100

55 74.9 60.1 90.1

98 45.9 36.6 55.0



#40

Benzene

Concen: 48.891 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053564.D

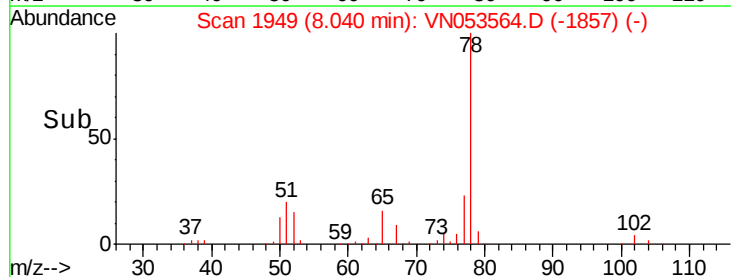
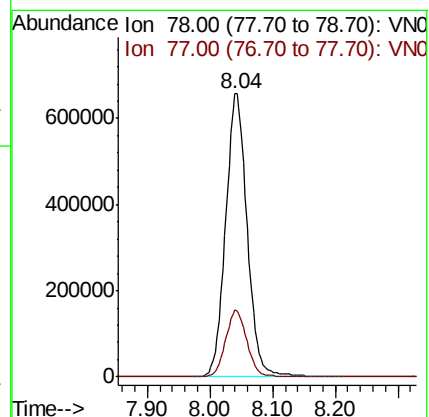
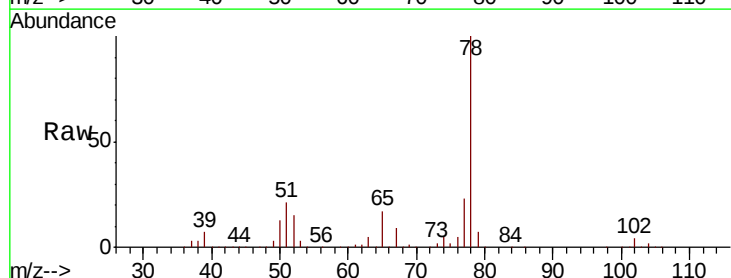
Acq: 30 Jan 2019 11:42

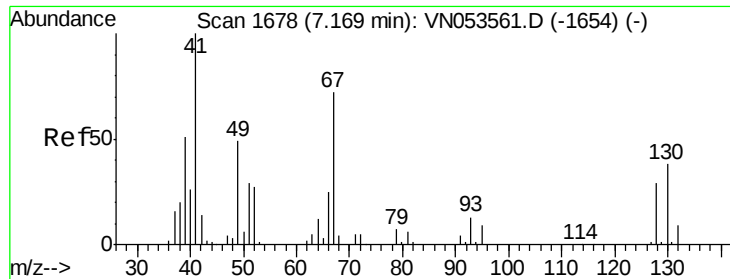
Tgt Ion: 78 Resp: 1567797

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

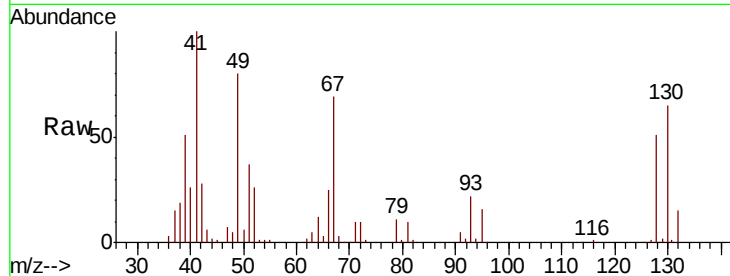




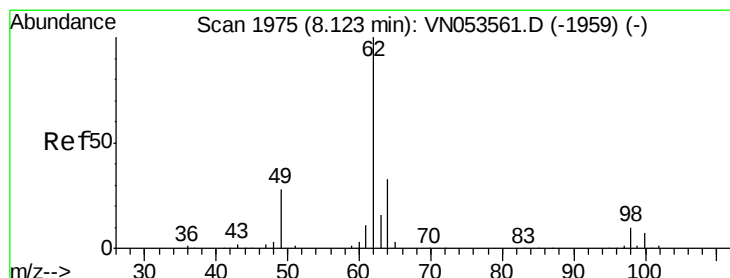
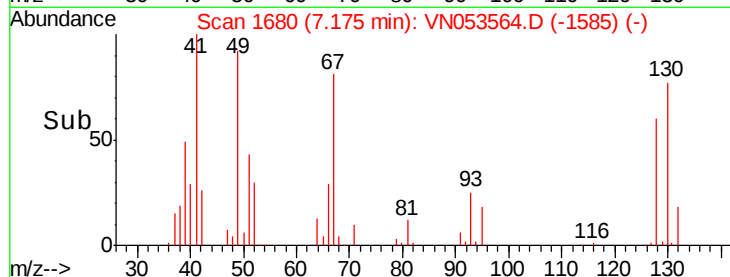
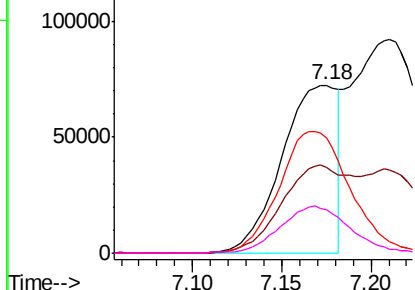
#41
Methacrylonitrile
Concen: 48.273 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Instrument :
MSVOA_N
ClientSampled :
ICVVO13019

Tot Ion: 41 Resp: 156693
Ion Ratio Lower Upper
41 100
39 64.3 46.8 70.2
67 94.3 63.0 94.6
52 36.2 23.8 35.8#

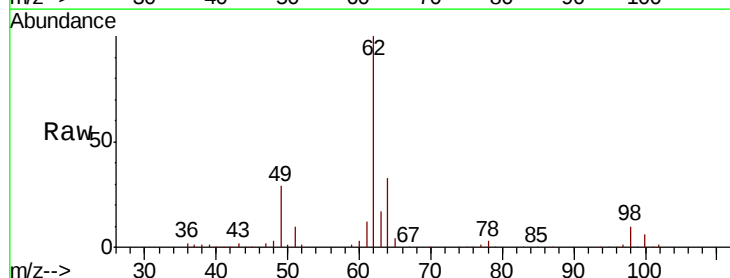


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

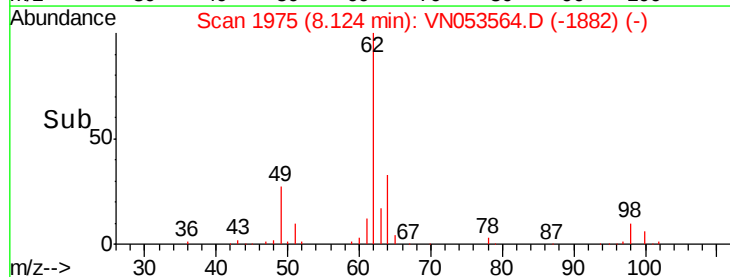
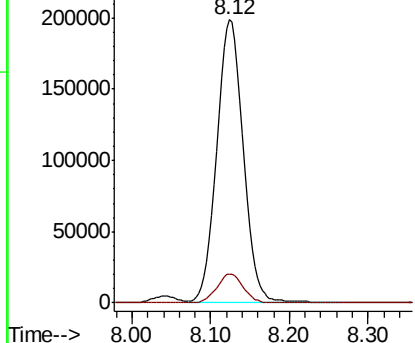


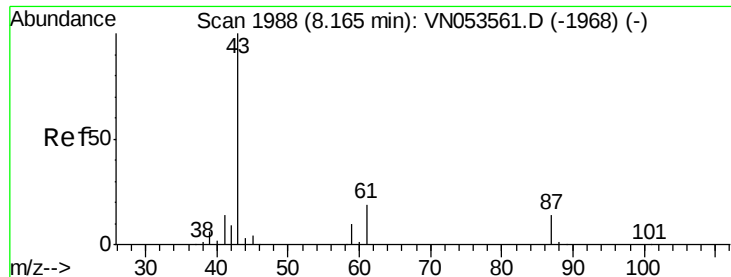
#42
1,2-Dichloroethane
Concen: 48.372 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 62 Resp: 460574
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 48.346 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

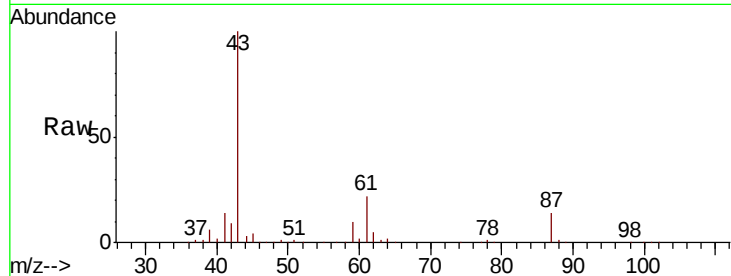
Tot Ion: 43 Resp: 542257

Ion Ratio Lower Upper

43 100

61 21.4 23.9 35.9#

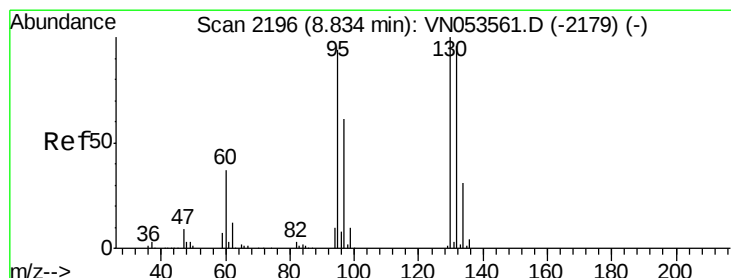
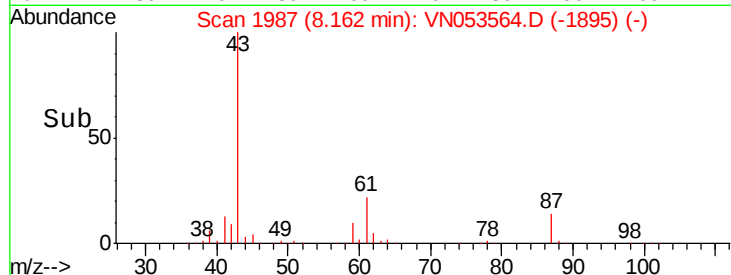
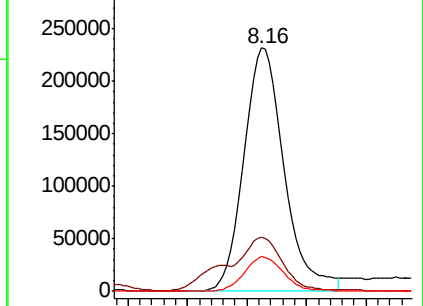
87 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)



#44

Trichloroethene

Concen: 47.353 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053564.D

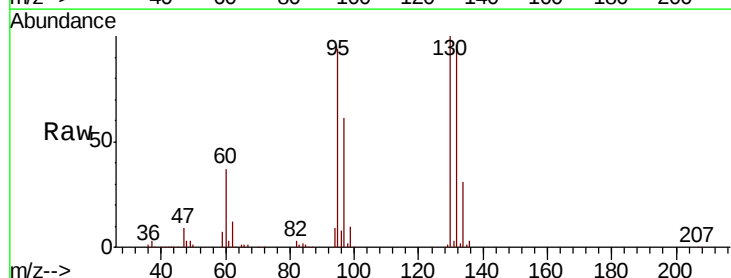
Acq: 30 Jan 2019 11:42

Tgt Ion:130 Resp: 432306

Ion Ratio Lower Upper

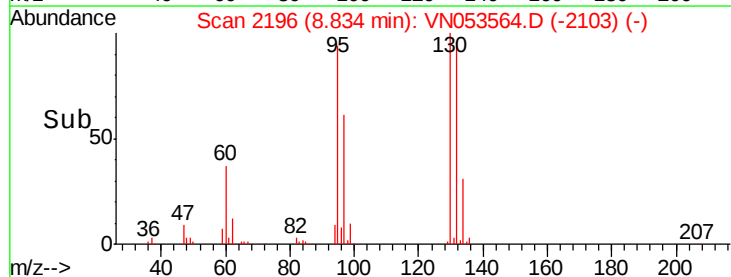
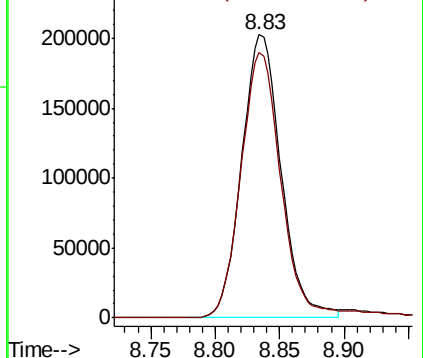
130 100

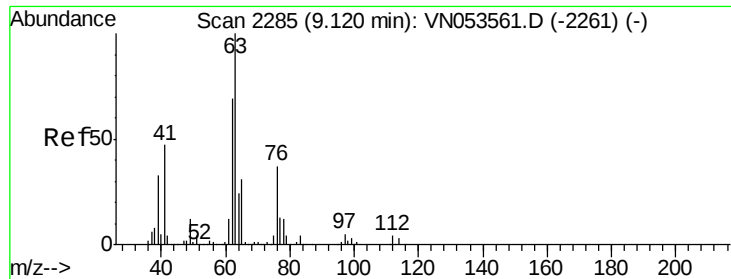
95 93.7 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053561.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053561.D (-2179) (-)

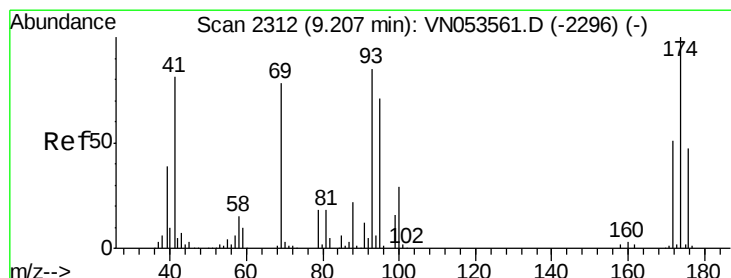
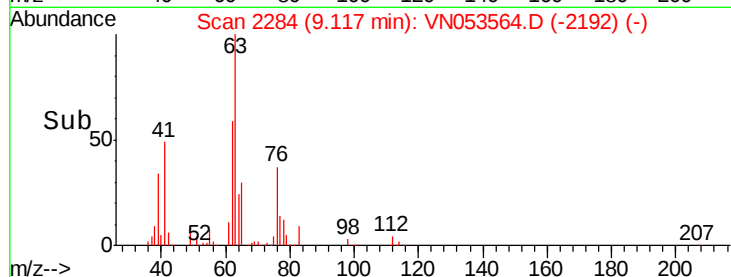
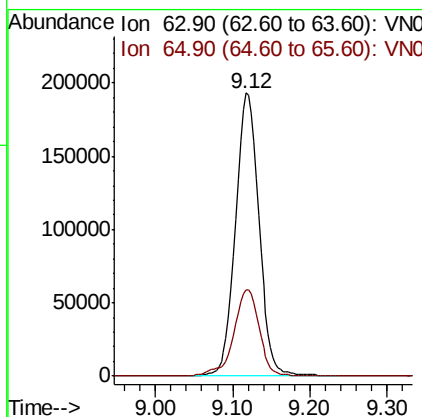
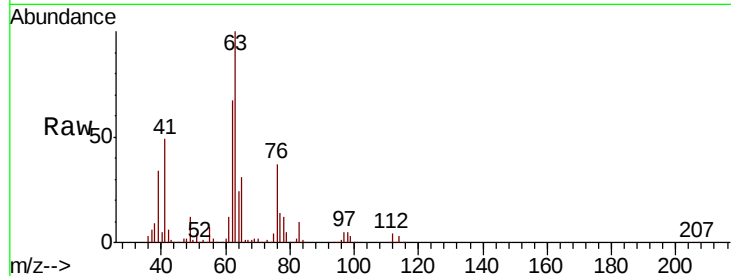




#45
 1,2-Dichloropropane
 Concen: 49.477 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

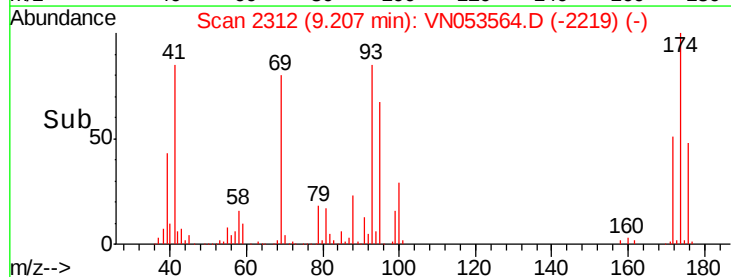
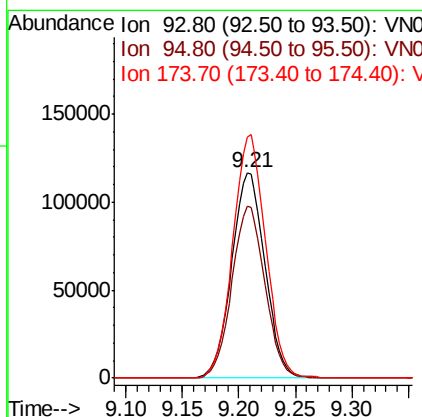
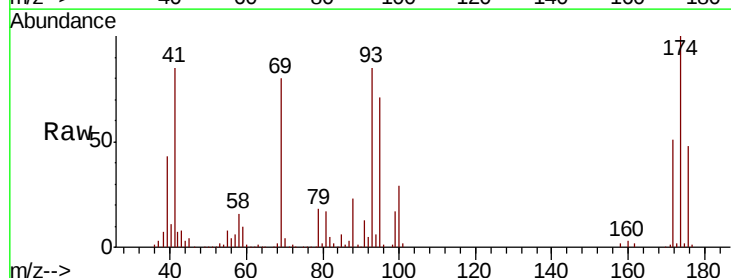
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

Tot Ion: 63 Resp: 405807
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 48.459 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion: 93 Resp: 239595
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.3 100.9
 174 117.0 91.0 136.4

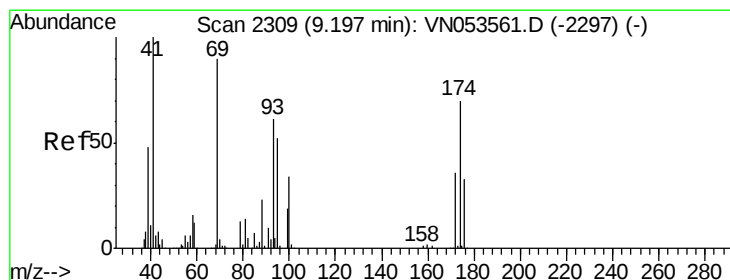
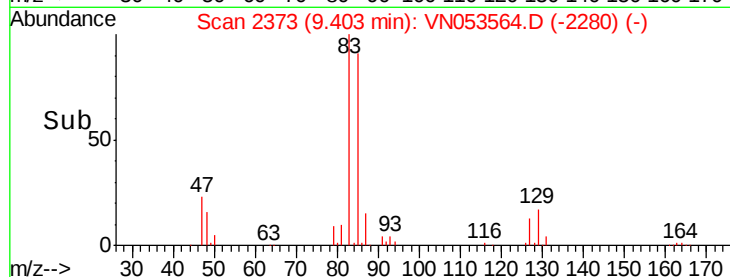
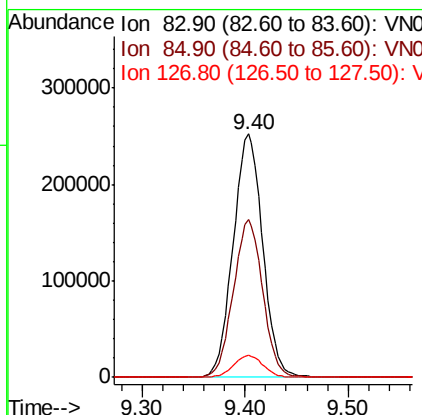
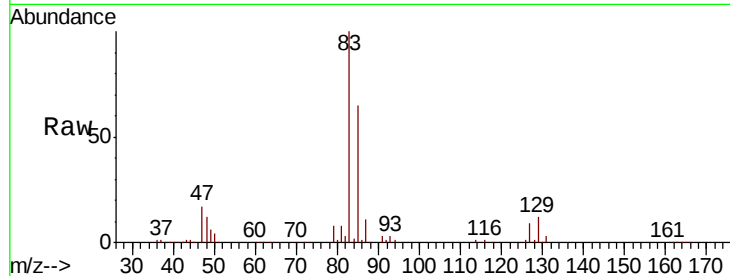




#47
Bromodichloromethane
Concen: 49.125 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

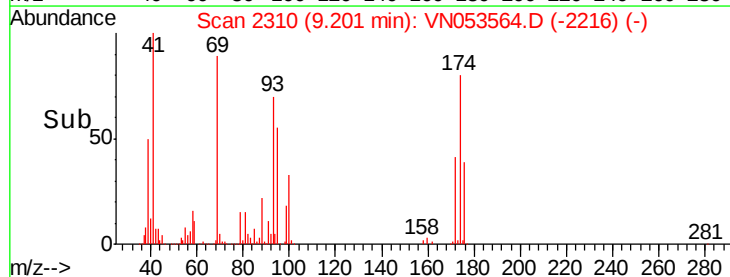
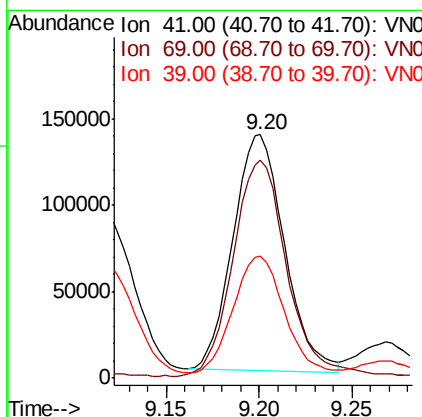
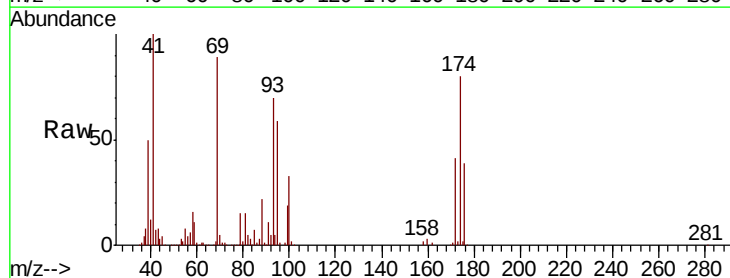
Instrument :
MSVOA_N
ClientSampleId :
ICVFN013019

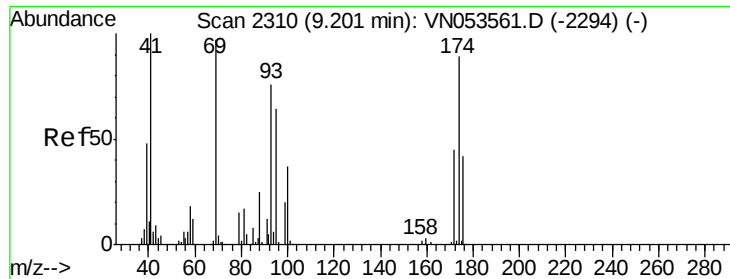
Tot Ion: 83 Resp: 505009
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 49.270 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 41 Resp: 263789
Ion Ratio Lower Upper
41 100
69 99.2 73.8 110.6
39 53.7 40.0 60.0





#49

1,4-Dioxane

Concen: 955.332 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

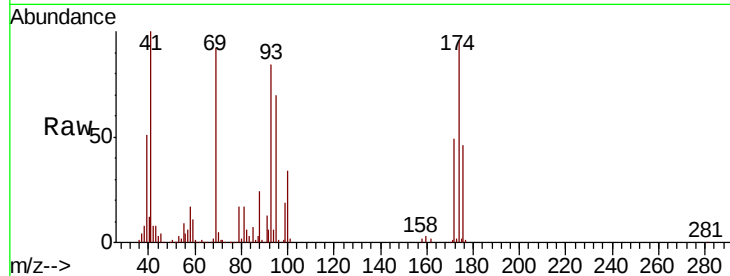
Tot Ion: 88 Resp: 73972

Ion Ratio Lower Upper

88 100

43 28.3 27.8 41.6

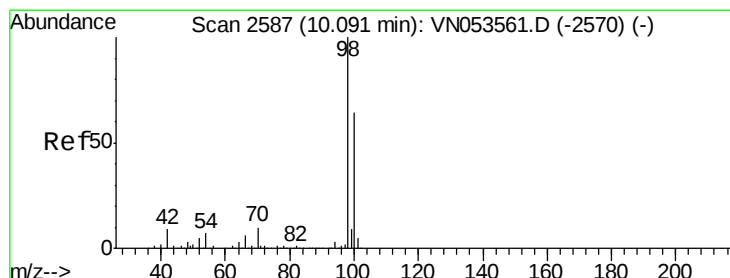
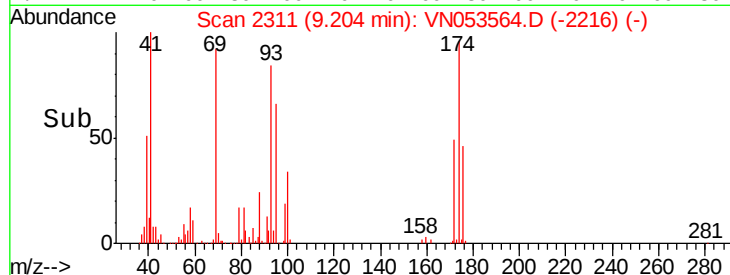
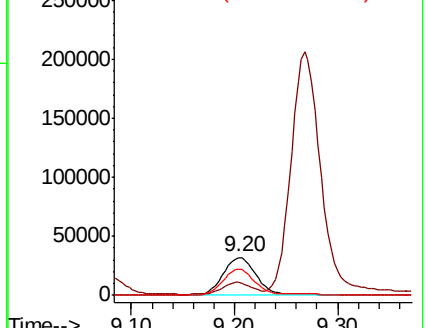
58 65.9 56.5 84.7



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: 955.332 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053564.D

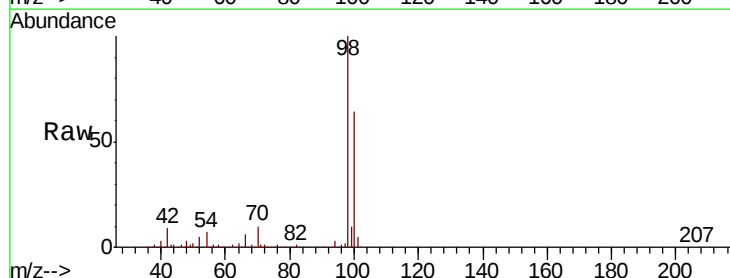
Acq: 30 Jan 2019 11:42

Tgt Ion: 98 Resp: 1363142

Ion Ratio Lower Upper

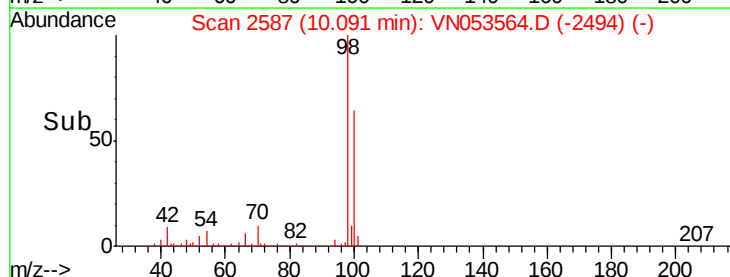
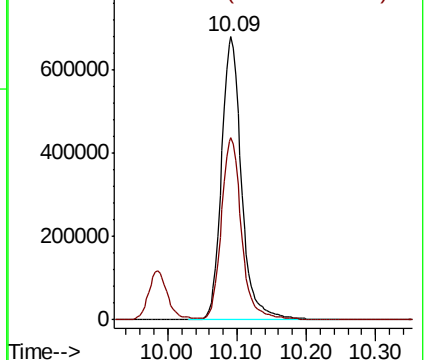
98 100

100 65.0 51.4 77.0



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: 260.528 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

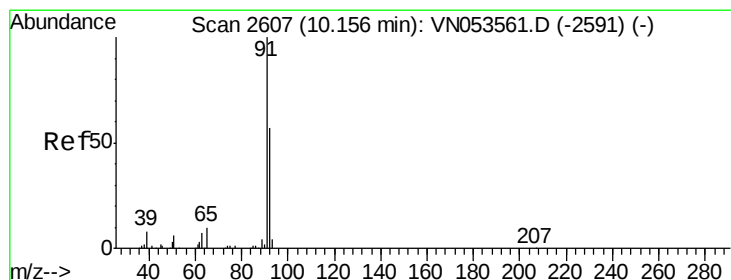
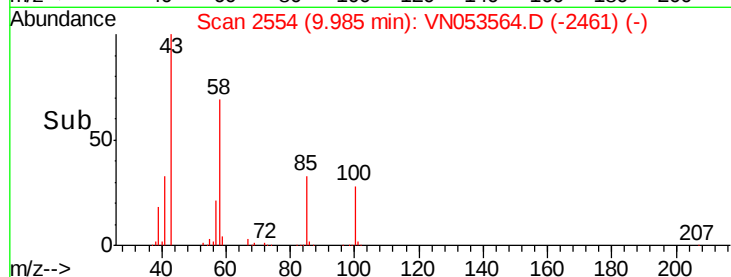
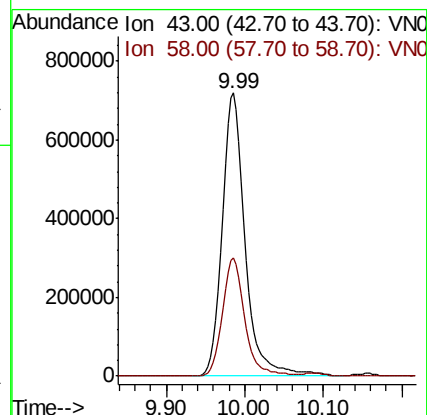
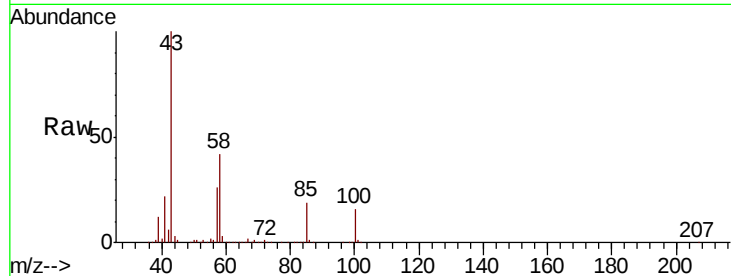
ICV013019

Tot Ion: 43 Resp: 1435927

Ion Ratio Lower Upper

43 100

58 41.0 32.8 49.2



#52

Toluene

Concen: 50.444 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053564.D

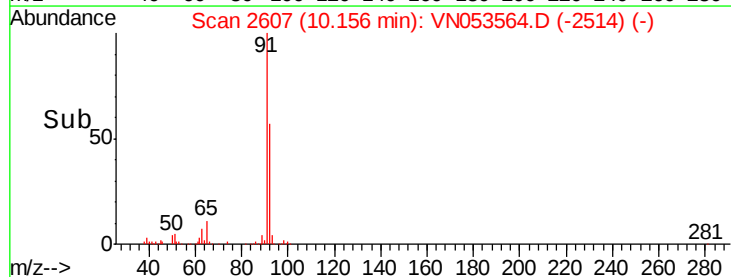
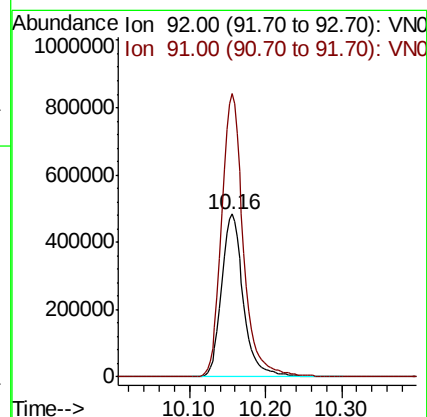
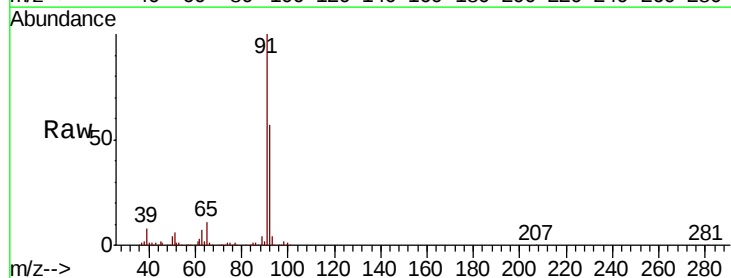
Acq: 30 Jan 2019 11:42

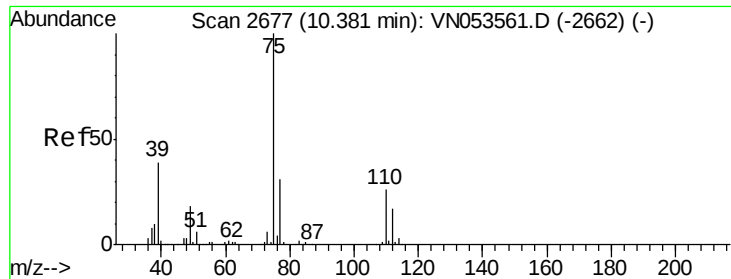
Tgt Ion: 92 Resp: 960040

Ion Ratio Lower Upper

92 100

91 173.3 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 51.353 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

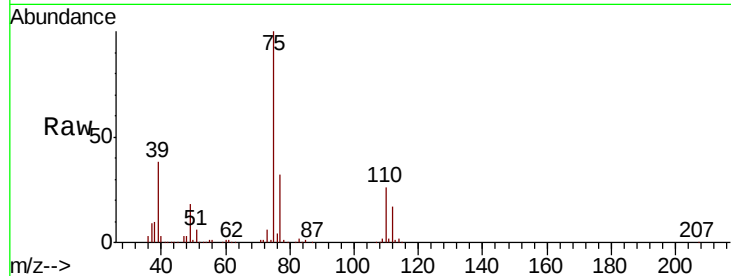
ICVFN013019

Tot Ion: 75 Resp: 528630

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

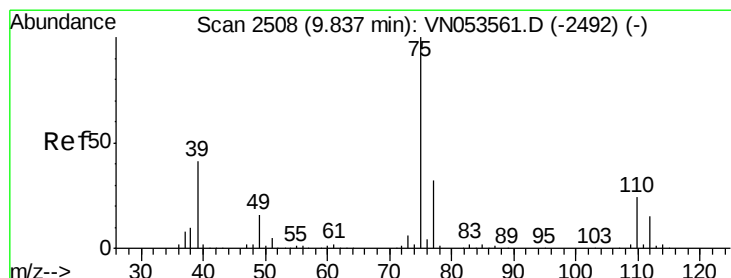
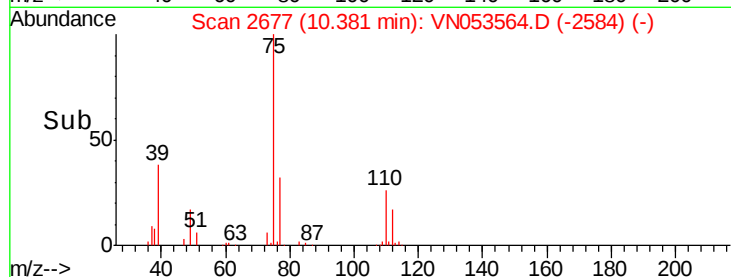
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.894 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

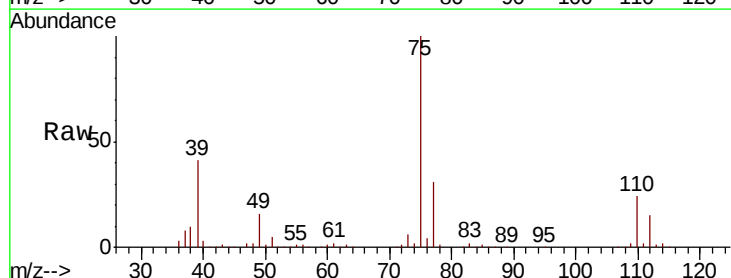
Tgt Ion: 75 Resp: 620819

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 40.7 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

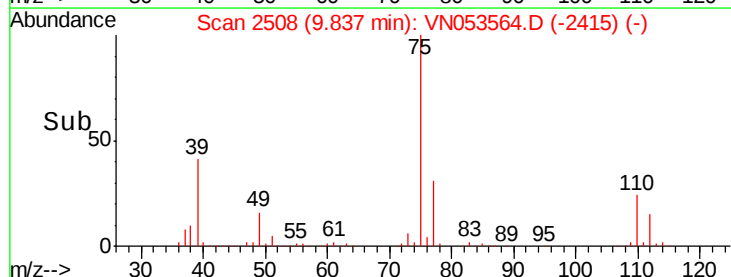
300000

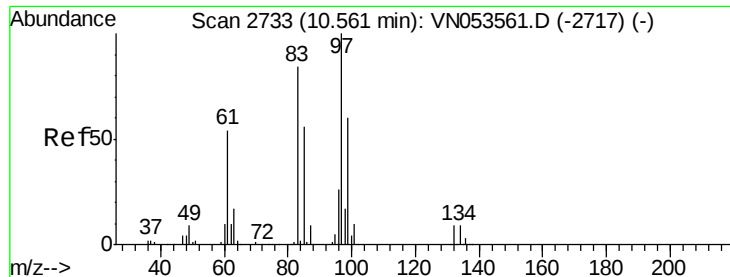
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.750 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampled :

ICVVO13019

Tot Ion: 97 Resp: 341184

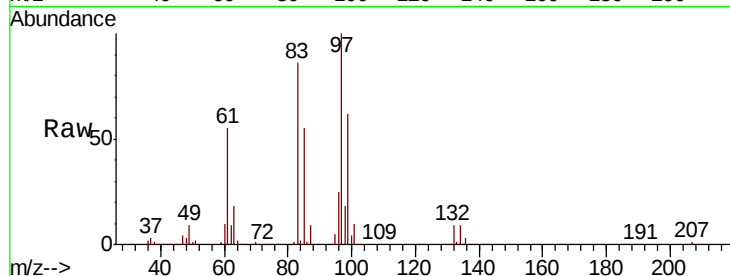
Ion Ratio Lower Upper

97 100

83 85.9 70.1 105.1

85 55.1 45.4 68.0

99 62.0 49.8 74.8

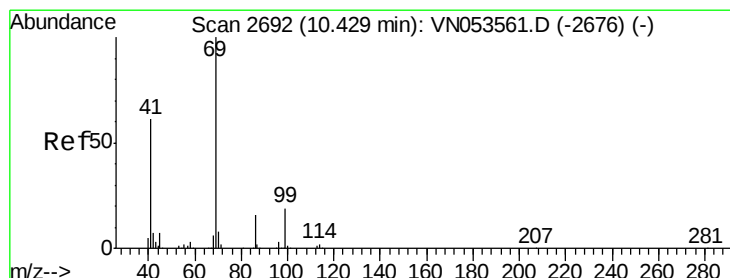
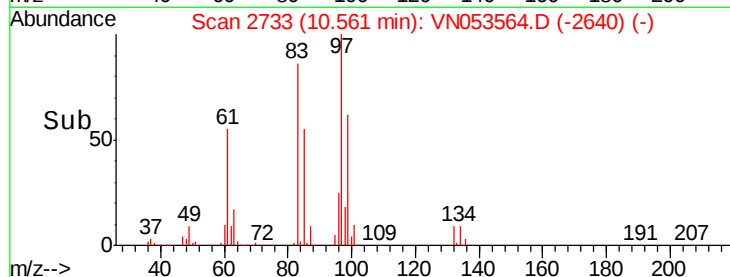
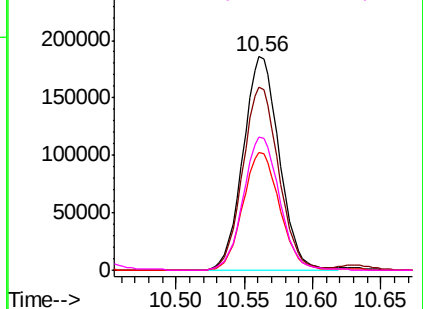


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 53.243 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

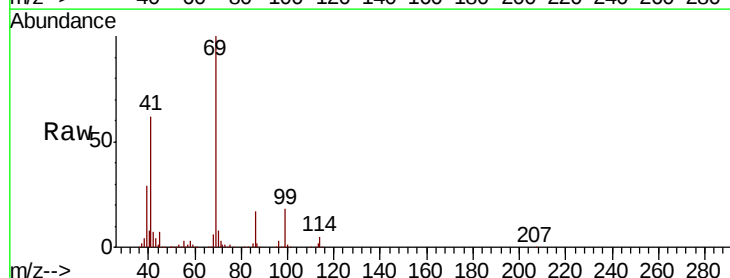
Tgt Ion: 69 Resp: 431960

Ion Ratio Lower Upper

69 100

41 61.0 49.4 74.0

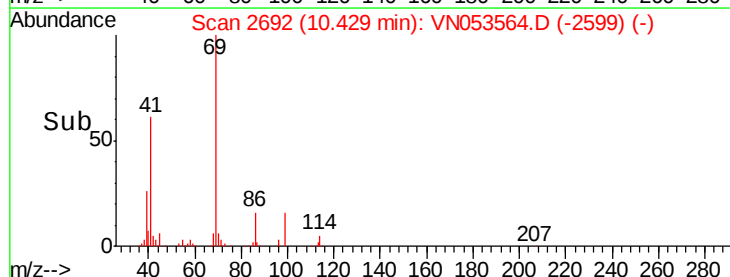
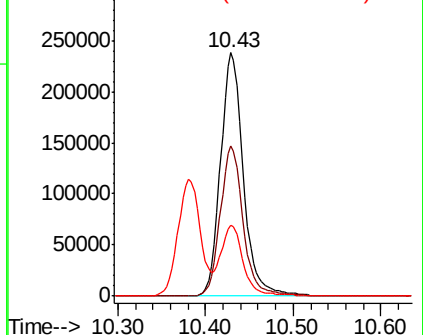
39 28.7 23.3 34.9

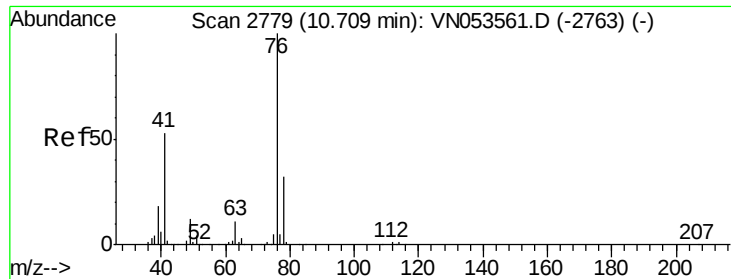


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

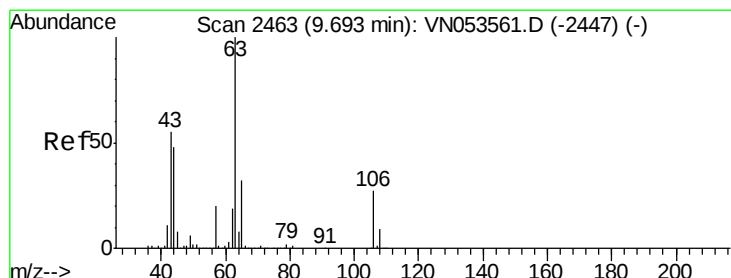
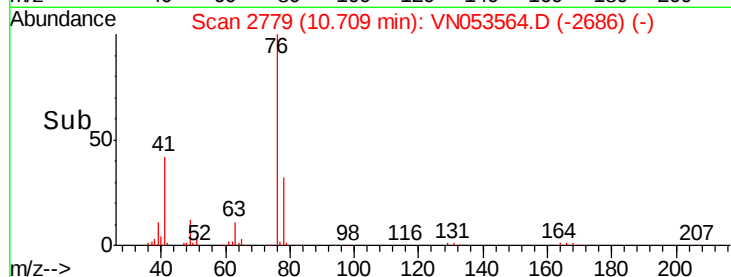
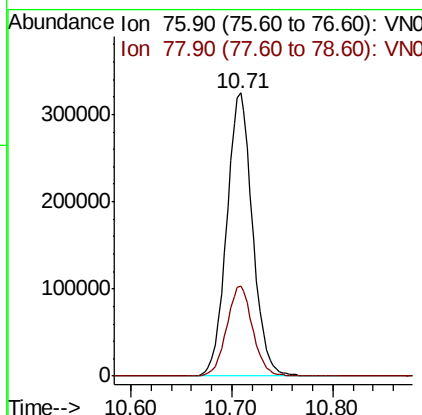
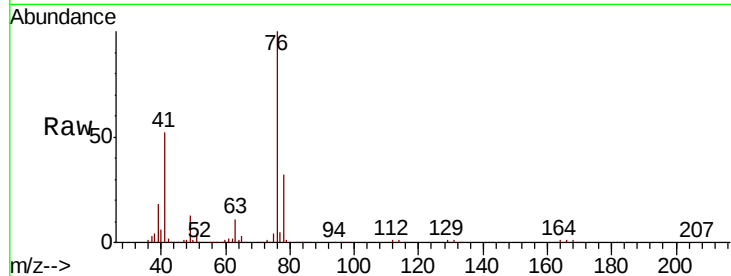




#57
 1,3-Dichloropropane
 Concen: 49.318 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

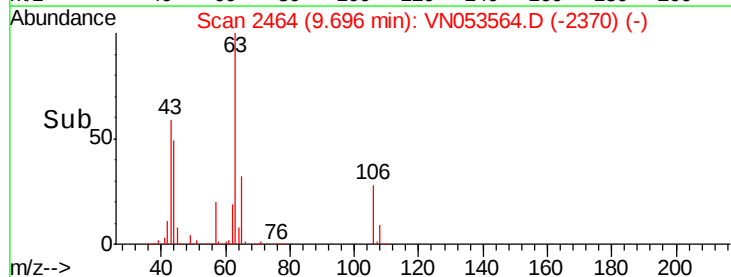
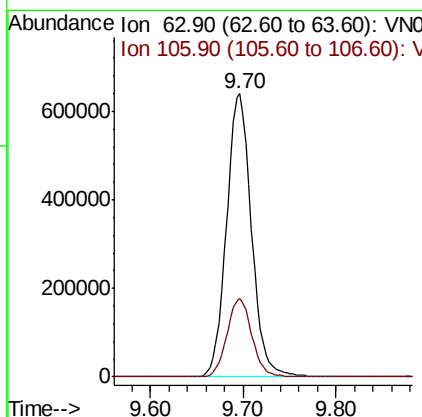
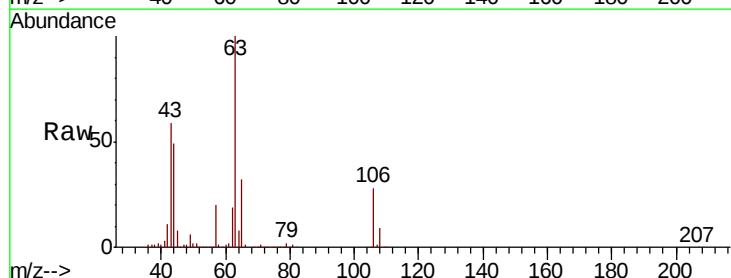
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

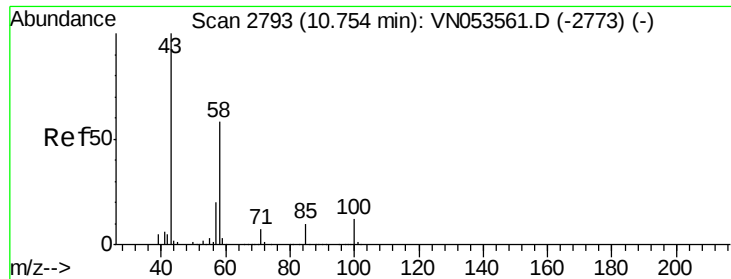
Tot Ion: 76 Resp: 578034
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.134 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion: 63 Resp: 1190988
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.5 32.3

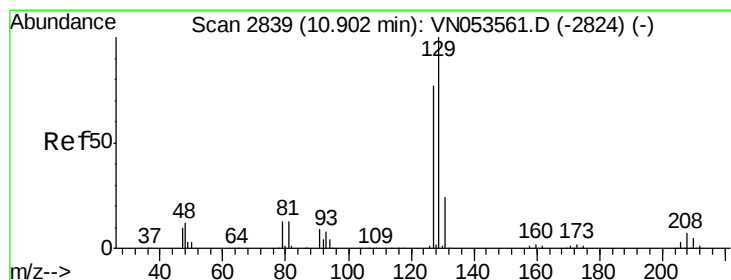
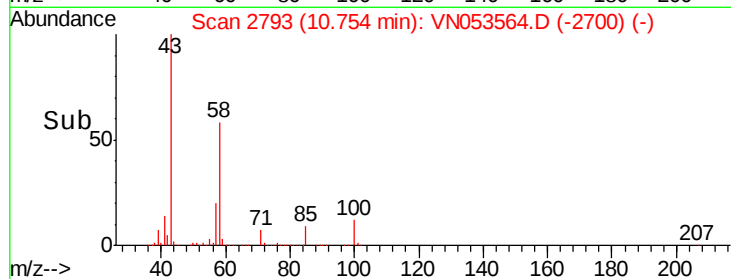
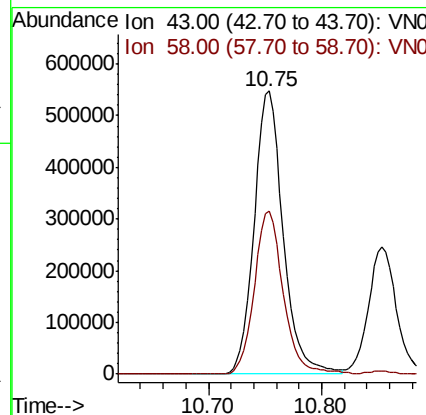
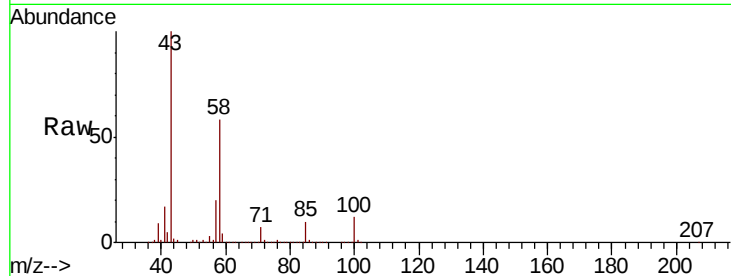




#59
2-Hexanone
Concen: 259.947 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

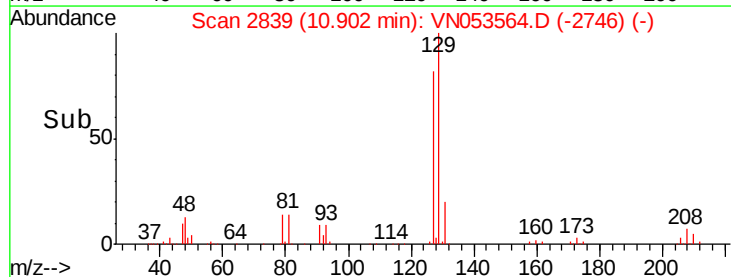
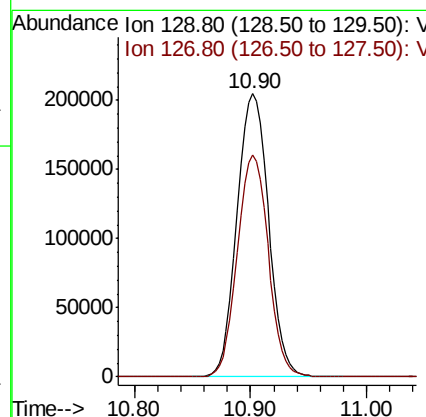
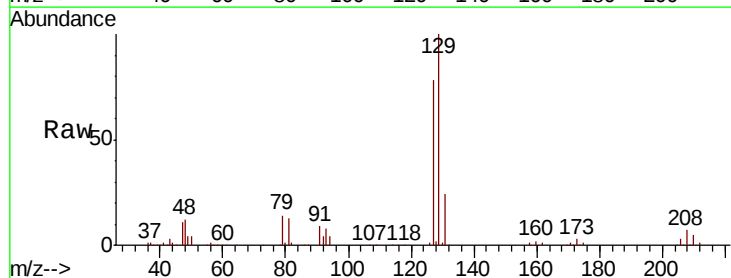
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

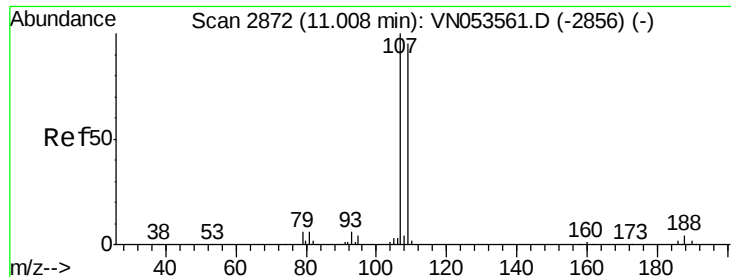
Tot Ion: 43 Resp: 972637
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.8



#60
Dibromochloromethane
Concen: 49.966 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 129 Resp: 386418
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.855 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

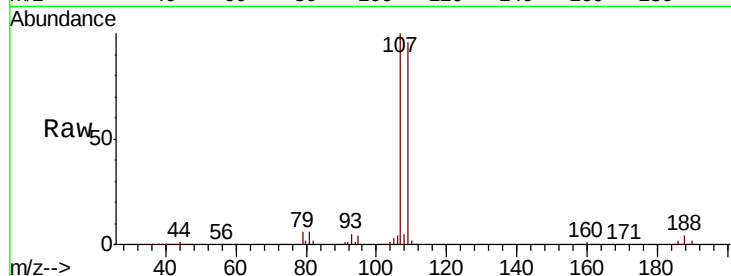
ICVVN013019

Tot Ion:107 Resp: 331615

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

200000

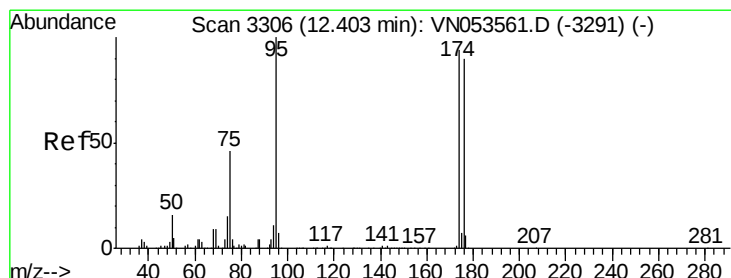
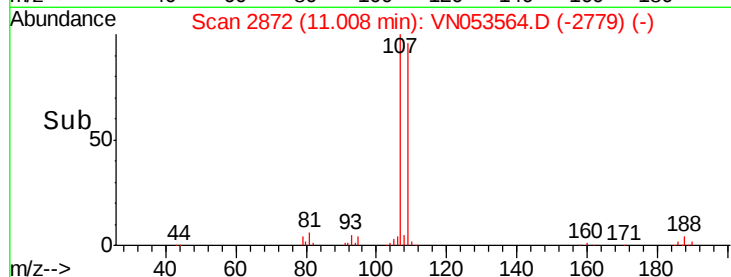
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 48.855 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

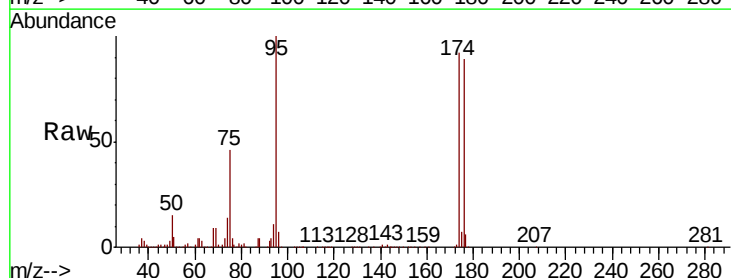
Tgt Ion: 95 Resp: 461349

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.2

176 90.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

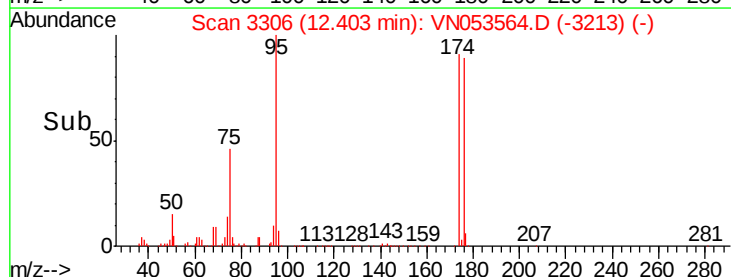
300000

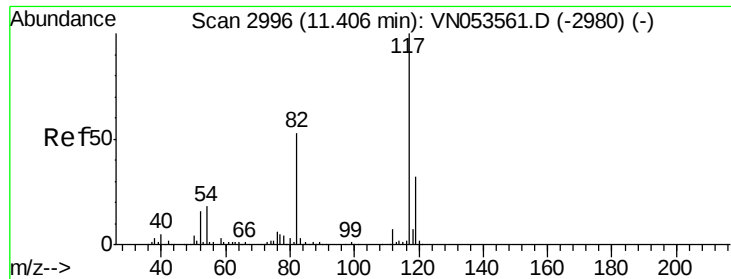
200000

100000

0

Time--> 12.35 12.40 12.45

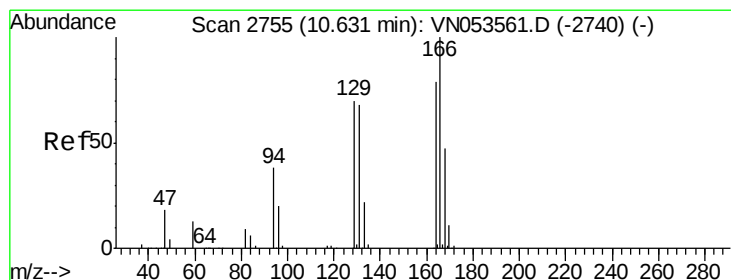
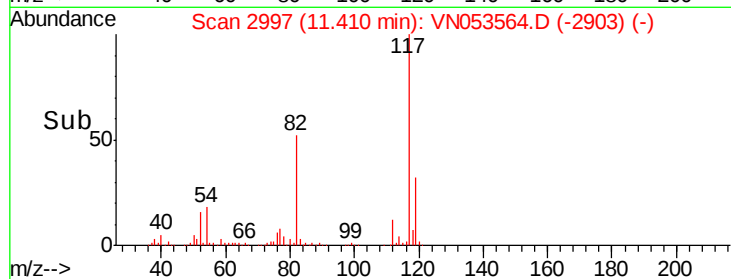
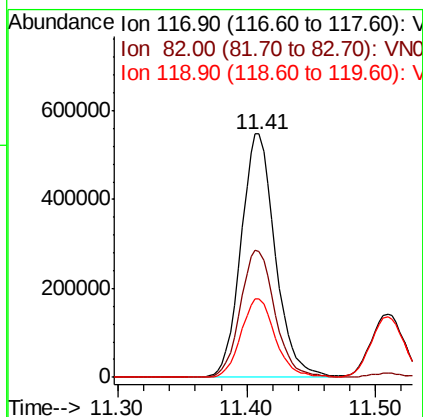
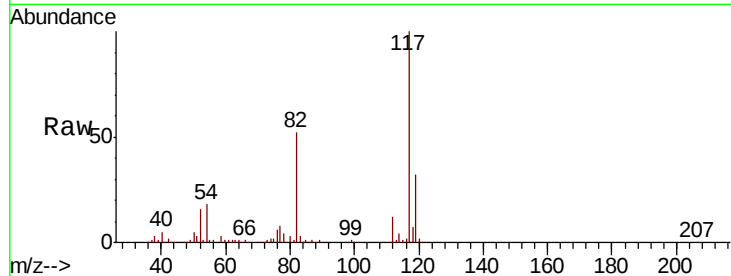




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

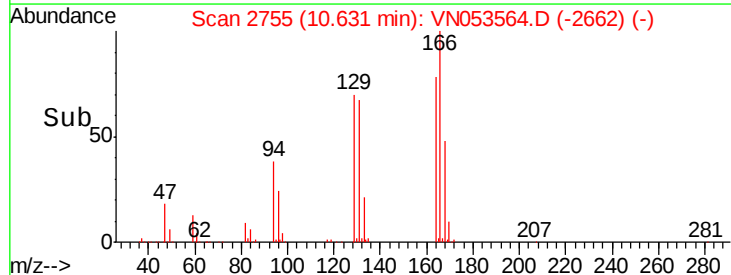
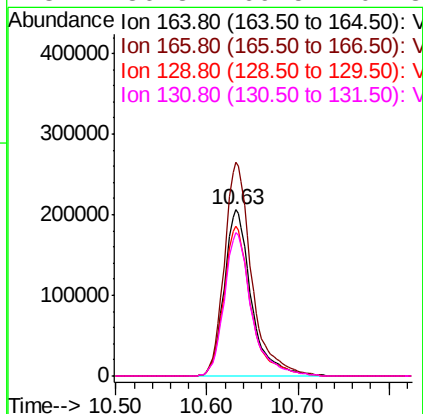
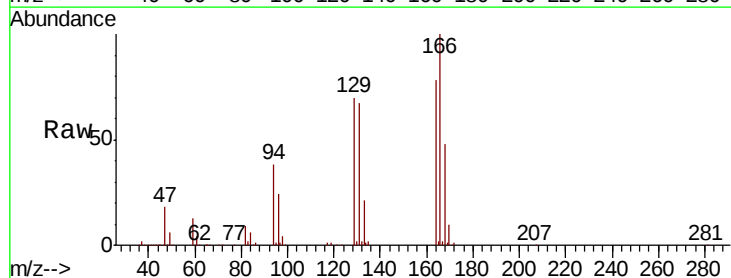
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

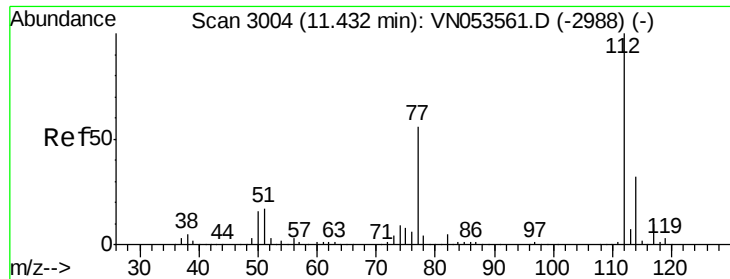
Tot Ion:117 Resp: 1009599
Ion Ratio Lower Upper
117 100
82 51.9 42.9 64.3
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 49.388 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion:164 Resp: 427425
Ion Ratio Lower Upper
164 100
166 128.7 102.2 153.4
129 90.5 72.6 109.0
131 86.3 69.5 104.3

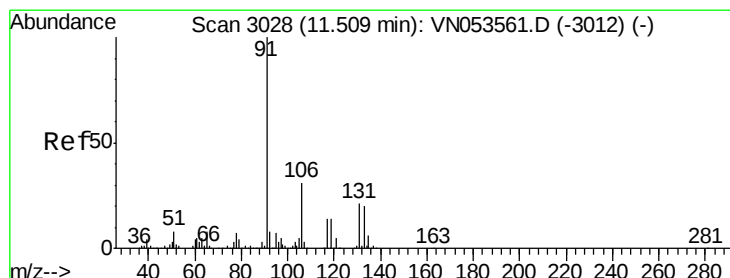
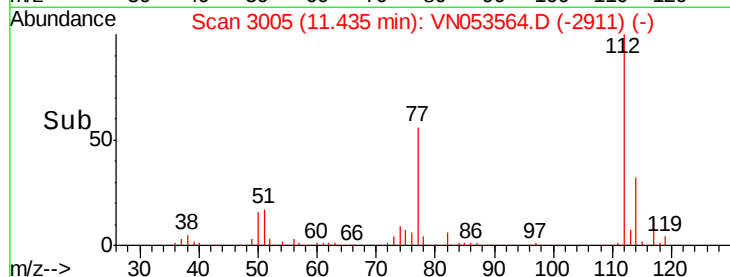
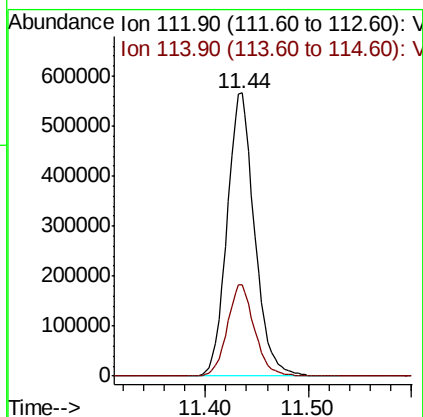
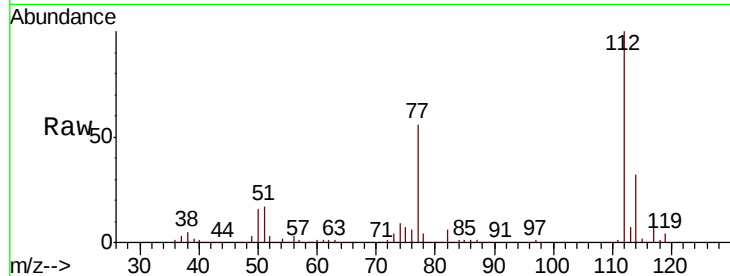




#65
Chlorobenzene
Concen: 48.951 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

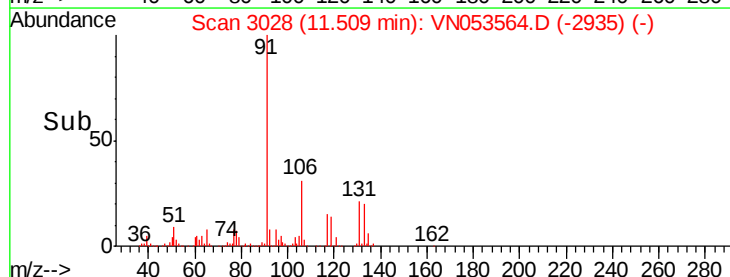
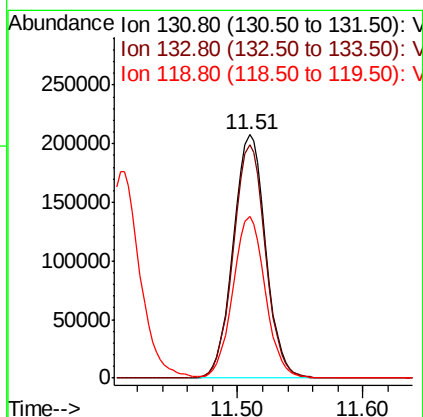
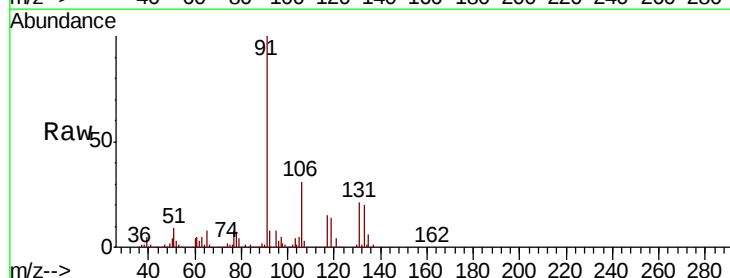
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

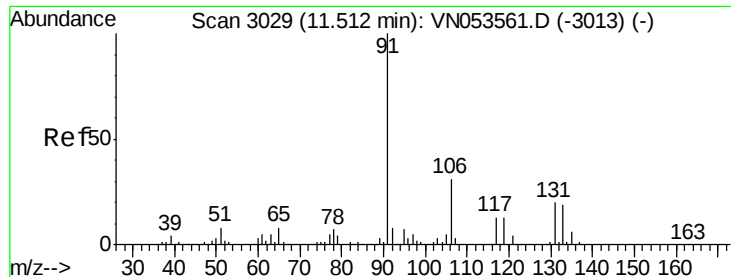
Tot Ion:112 Resp: 1049750
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.850 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion:131 Resp: 373348
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.3 33.5 100.5

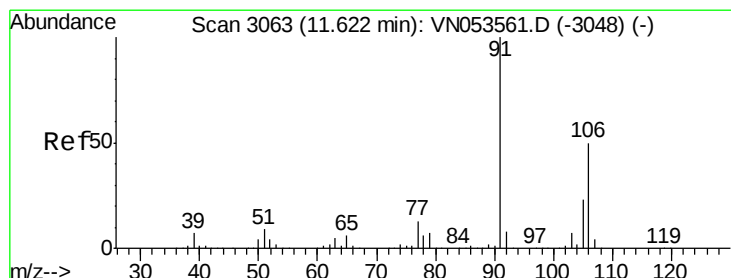
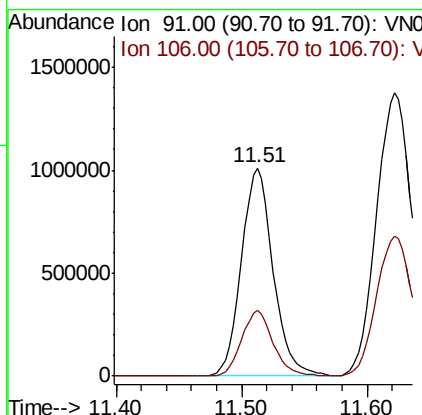
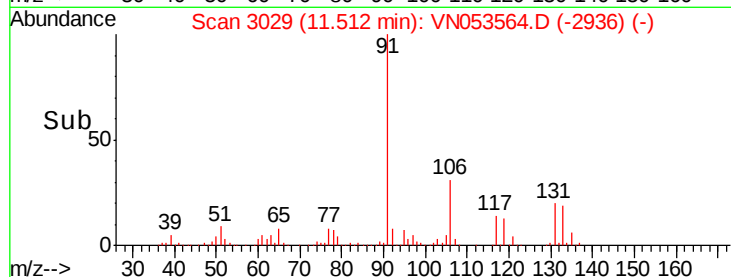
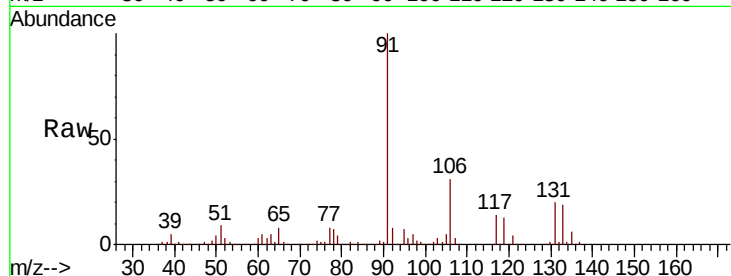




#67
Ethyl Benzene
Concen: 50.660 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

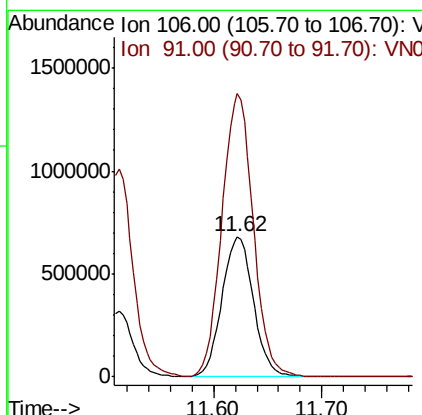
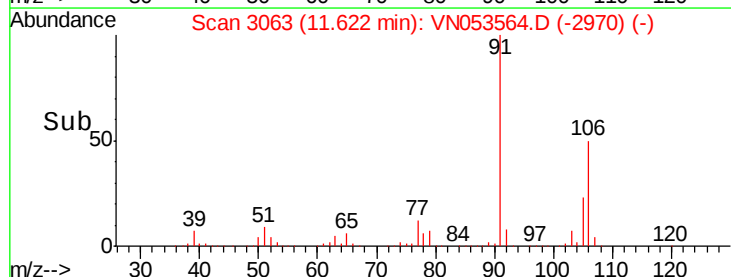
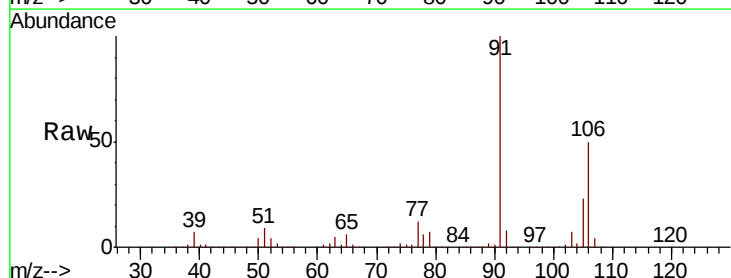
Instrument :
MSVOA_N
ClientSampled :
ICV013019

Tot Ion: 91 Resp: 1784627
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 102.906 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 106 Resp: 1383570
Ion Ratio Lower Upper
106 100
91 200.7 161.4 242.2

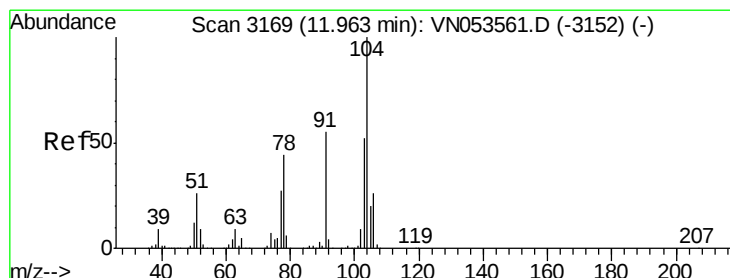
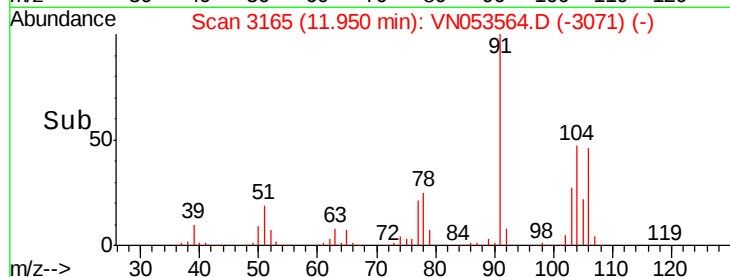
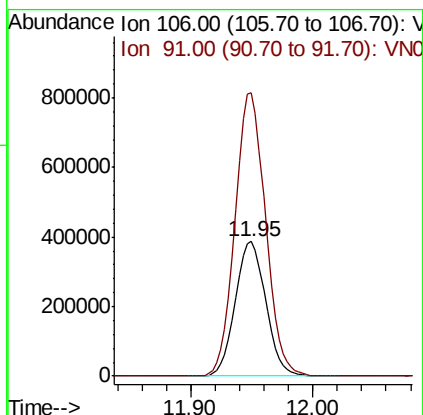
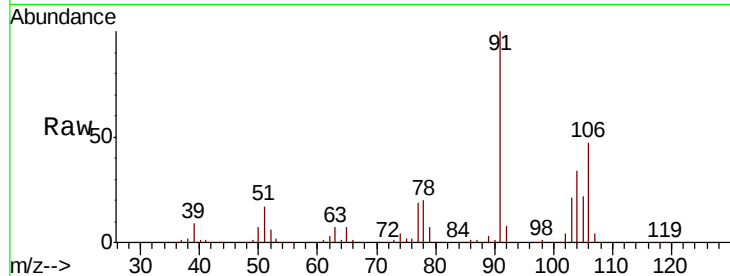




#69
o-Xylene
Concen: 51.569 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

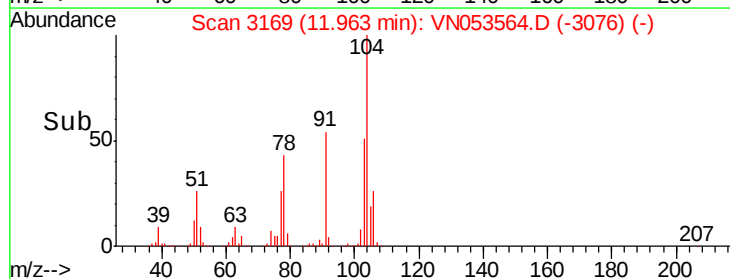
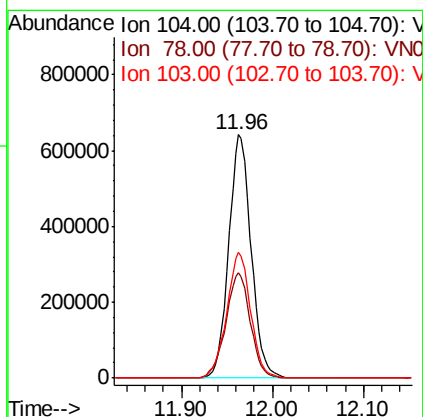
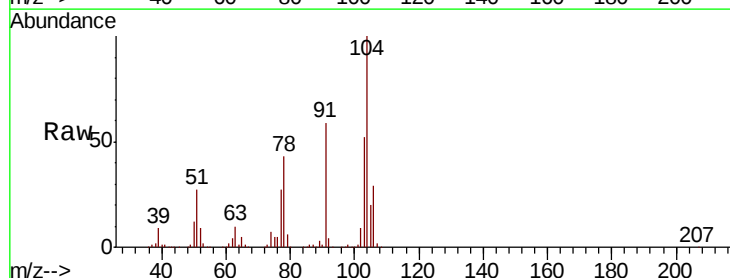
Instrument :
MSVOA_N
ClientSampled :
ICVVO13019

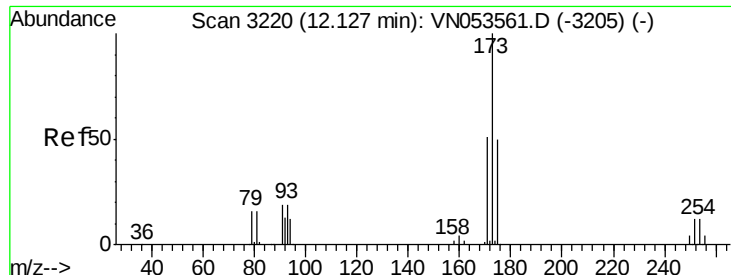
Tot Ion:106 Resp: 669832
Ion Ratio Lower Upper
106 100
91 210.5 106.9 320.8



#70
Styrene
Concen: 52.228 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion:104 Resp: 1099562
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.2
103 55.0 44.4 66.6





#71

Bromoform

Concen: 51.241 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVFN013019

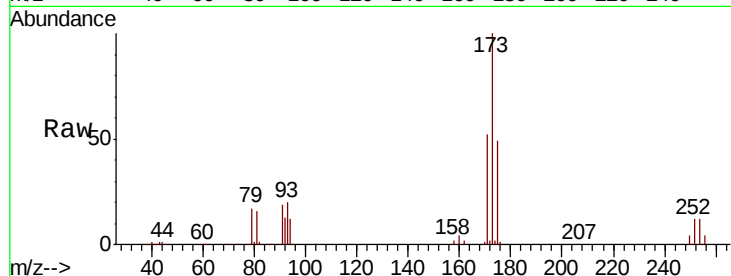
Tot Ion:173 Resp: 263102

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

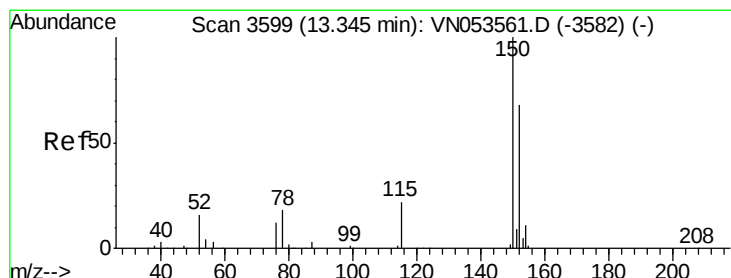
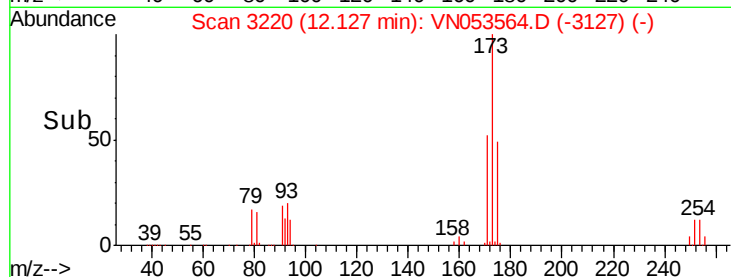
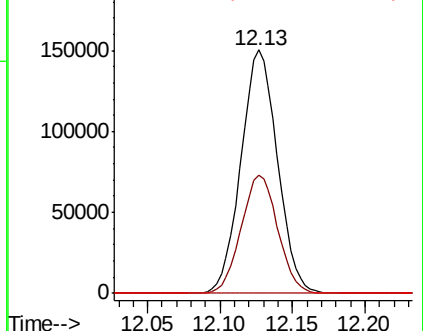
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

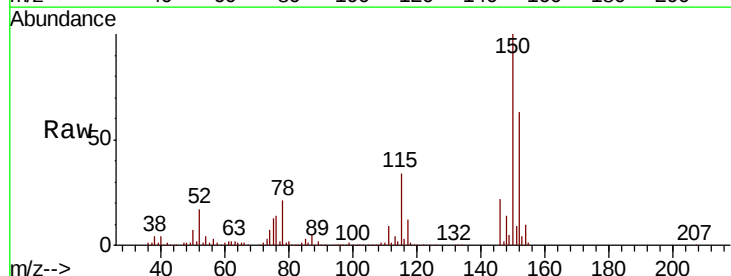
Tgt Ion:152 Resp: 489336

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

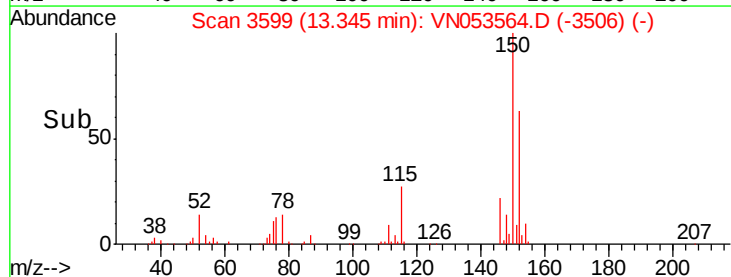
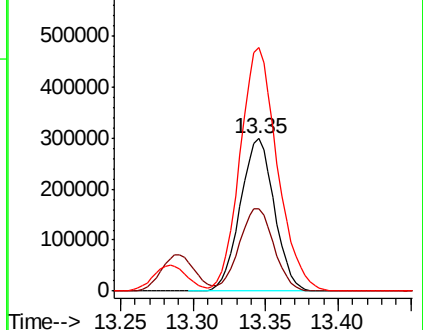
150 175.0 0.0 349.0

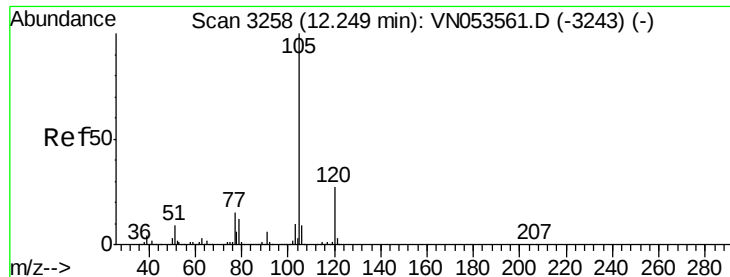


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.450 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampled :

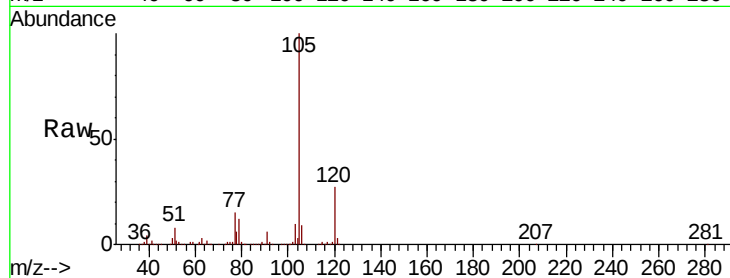
ICV013019

Tot Ion:105 Resp: 1735451

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

200000

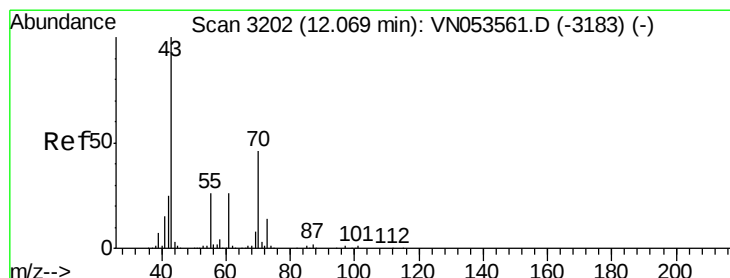
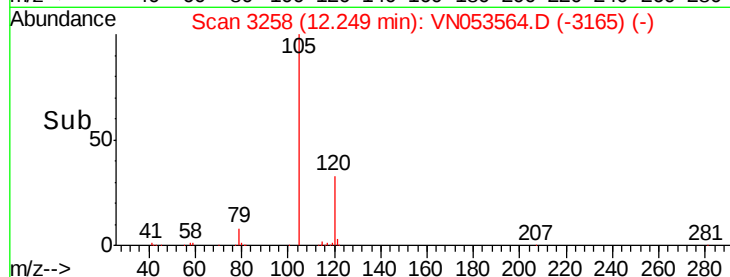
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 50.920 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Tgt Ion: 43 Resp: 421211

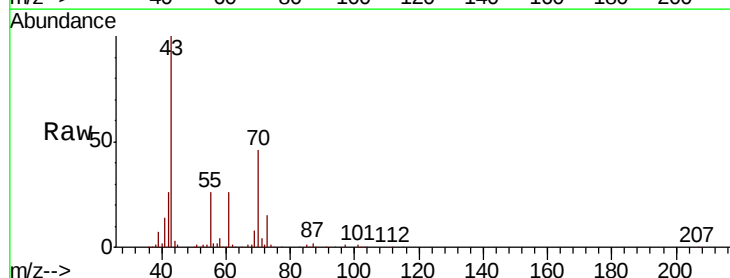
Ion Ratio Lower Upper

43 100

70 45.4 35.4 53.2

55 26.2 20.9 31.3

61 26.1 20.5 30.7



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

400000

300000

200000

100000

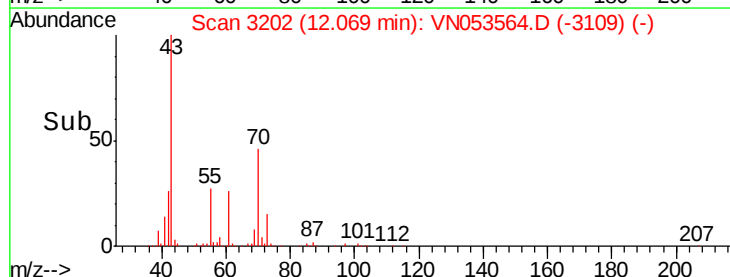
0

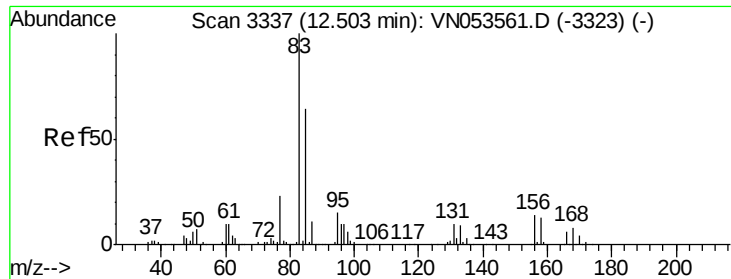
12.00

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.629 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

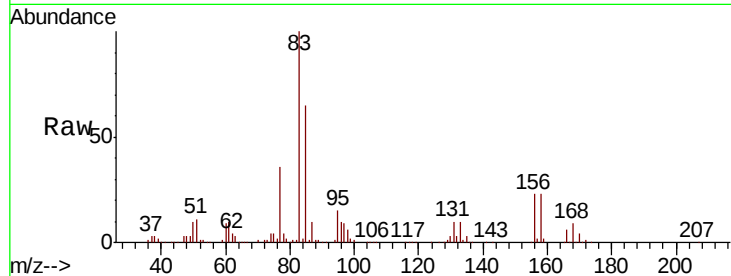
Tot Ion: 83 Resp: 392112

Ion Ratio Lower Upper

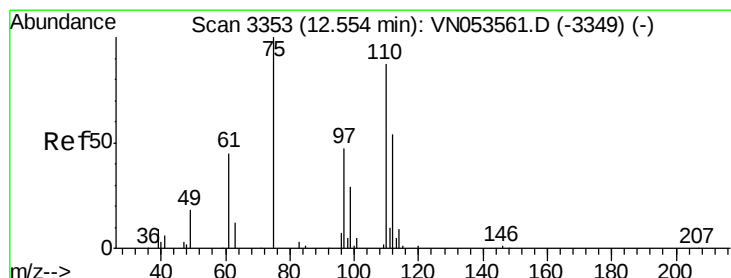
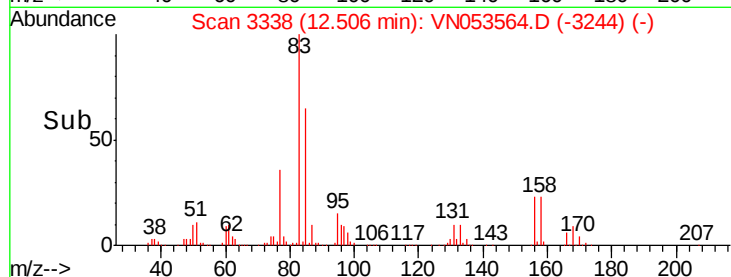
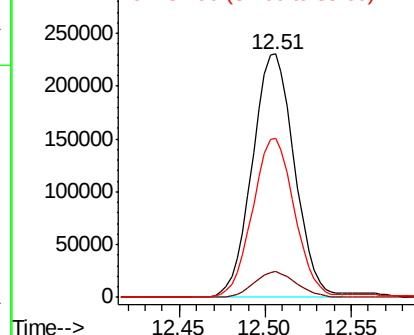
83 100

131 10.7 5.3 15.8

85 65.1 32.1 96.3



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



#76

1,2,3-Trichloropropane

Concen: 78.369 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053564.D

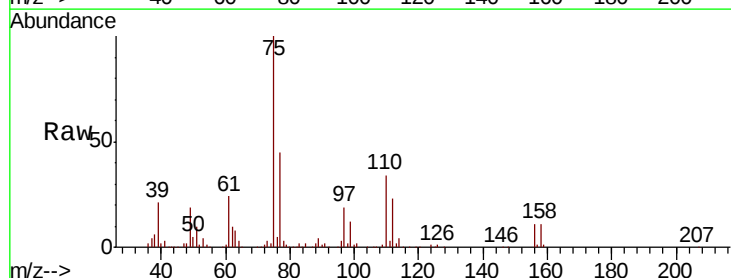
Acq: 30 Jan 2019 11:42

Tgt Ion: 75 Resp: 492566

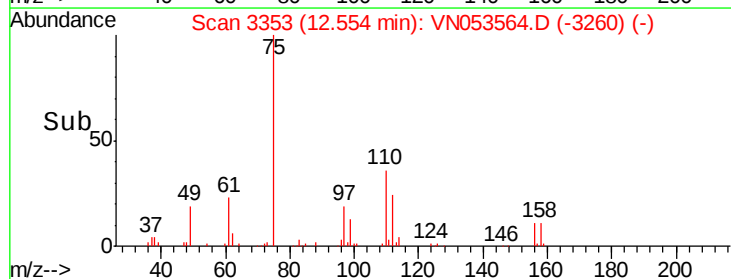
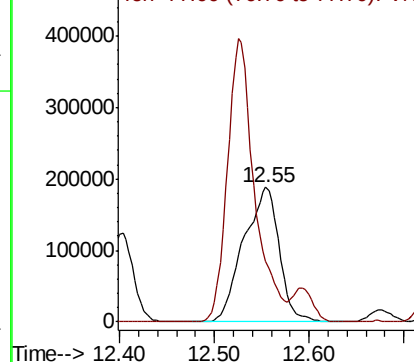
Ion Ratio Lower Upper

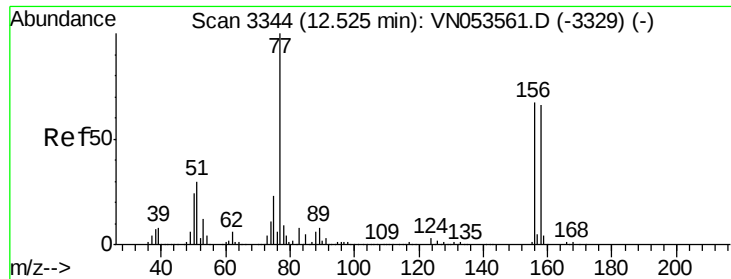
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.655 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

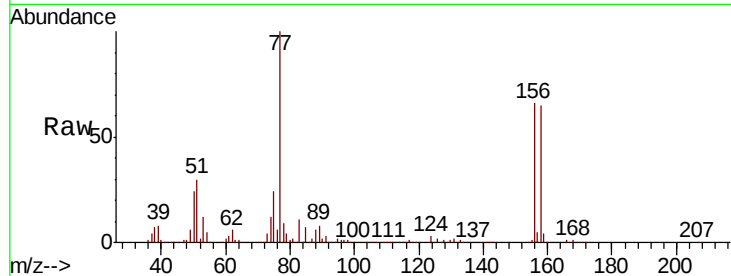
Tot Ion:156 Resp: 460346

Ion Ratio Lower Upper

156 100

77 172.3 87.9 263.8

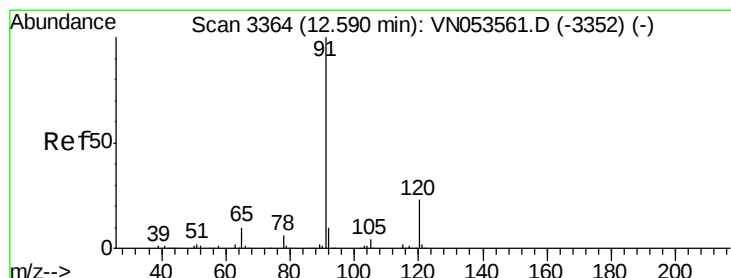
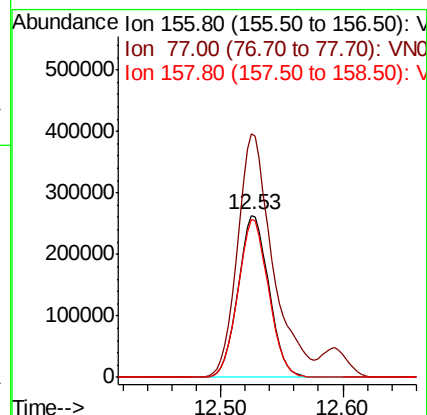
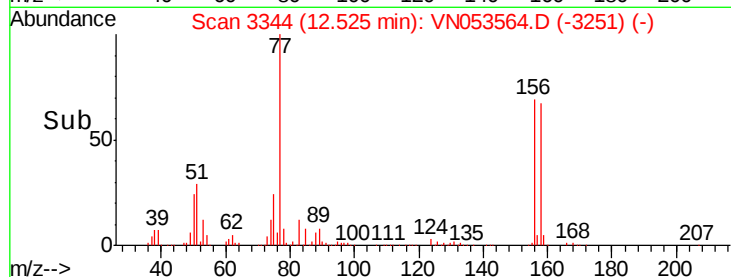
158 96.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.498 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053564.D

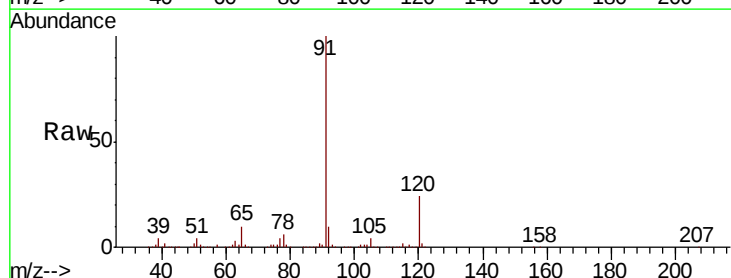
Acq: 30 Jan 2019 11:42

Tgt Ion: 91 Resp: 2047881

Ion Ratio Lower Upper

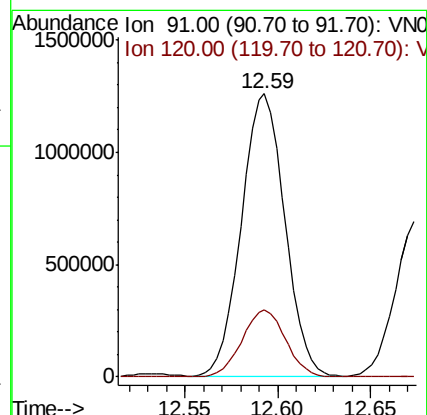
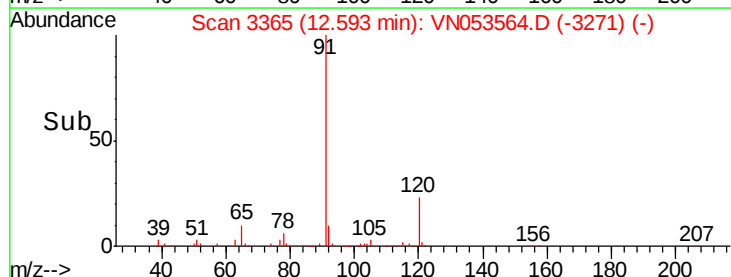
91 100

120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.326 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampled :

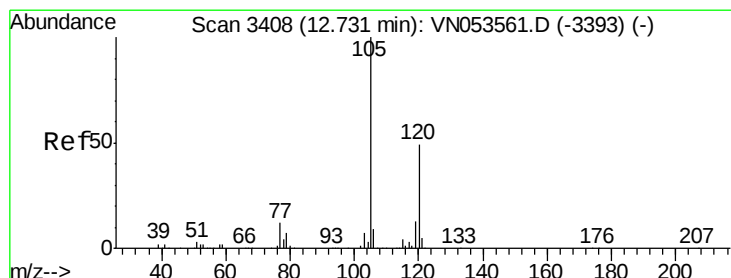
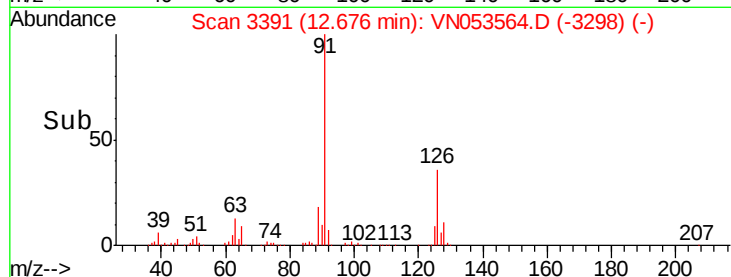
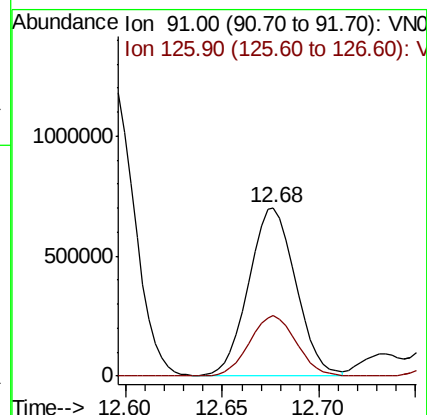
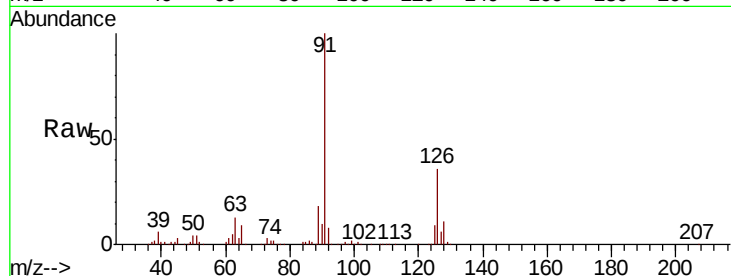
ICVVN013019

Tot Ion: 91 Resp: 1187324

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 52.212 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053564.D

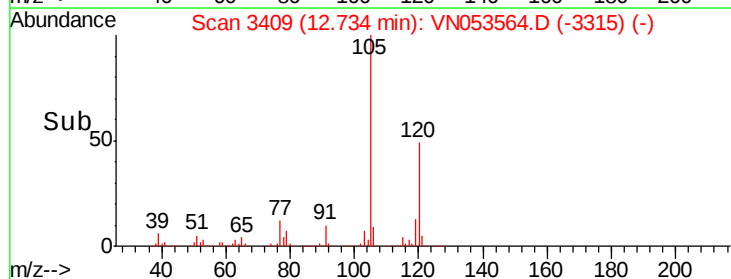
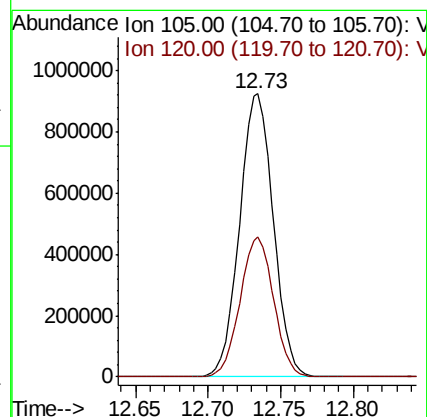
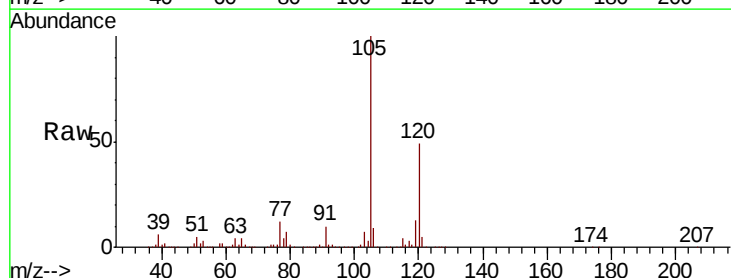
Acq: 30 Jan 2019 11:42

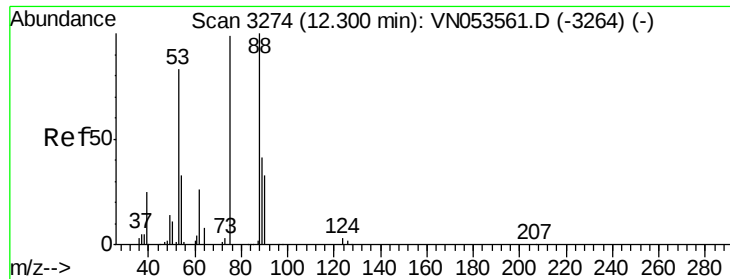
Tgt Ion: 105 Resp: 1489384

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6

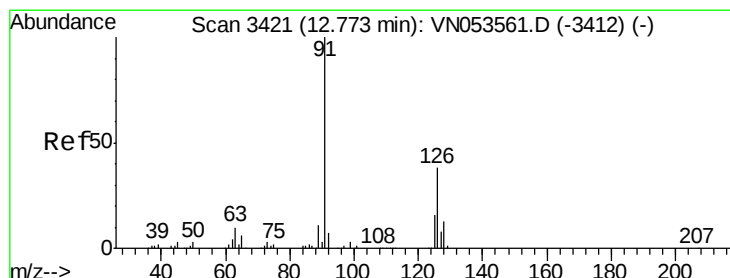
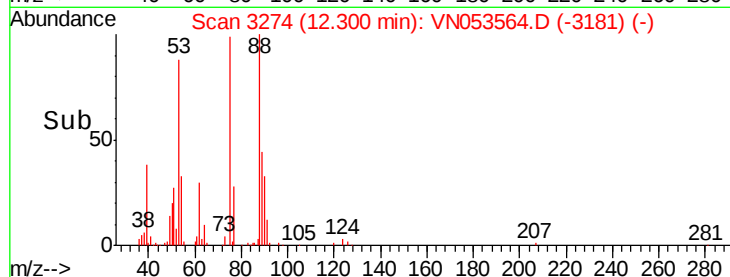
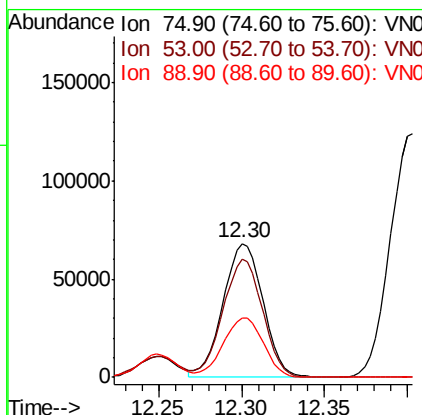
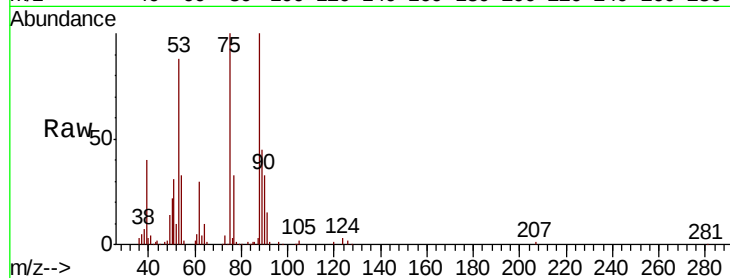




#81
trans-1,4-Dichloro-2-butene
Concen: 51.366 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

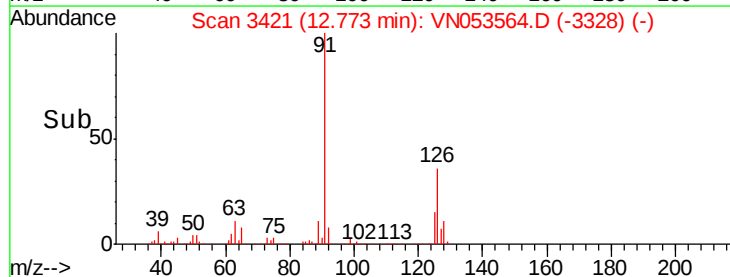
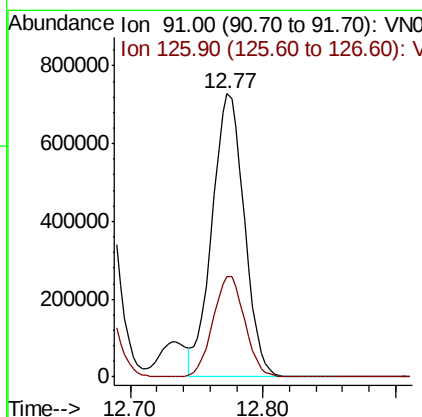
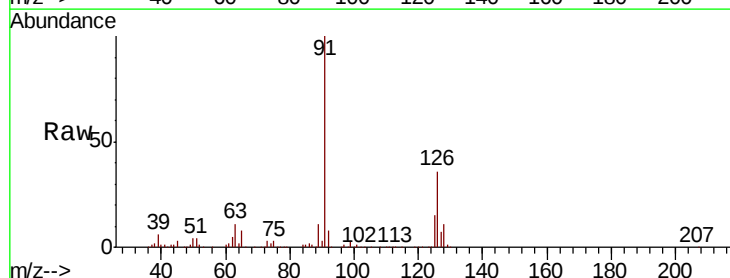
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

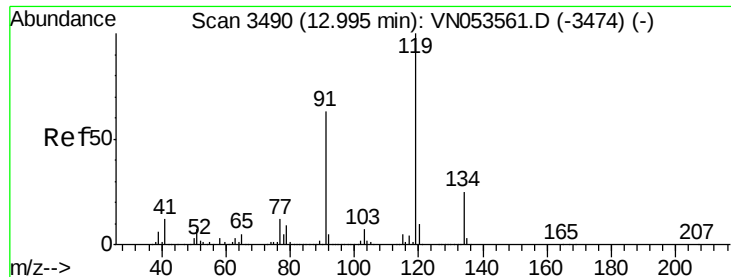
Tot Ion: 75 Resp: 114814
Ion Ratio Lower Upper
75 100
53 87.2 69.8 104.6
89 44.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 50.623 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 91 Resp: 1225546
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.9

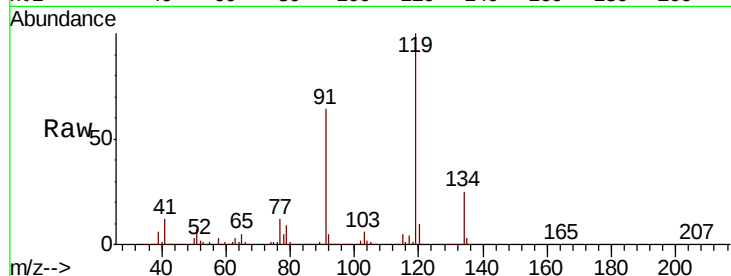




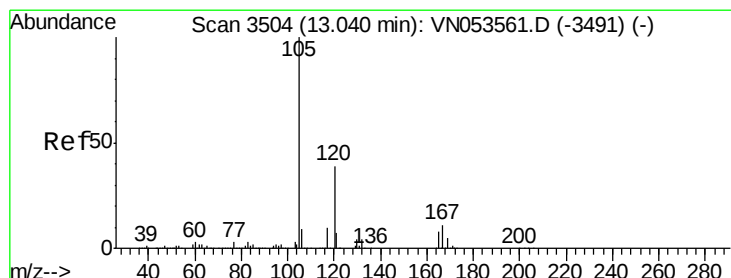
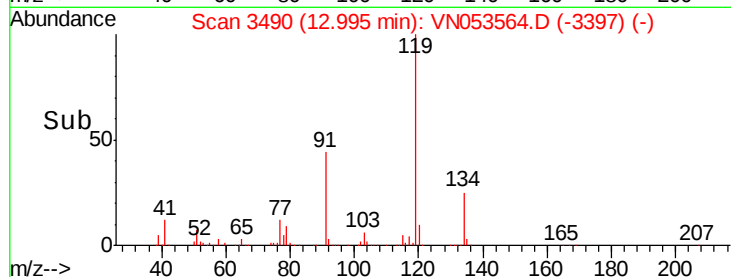
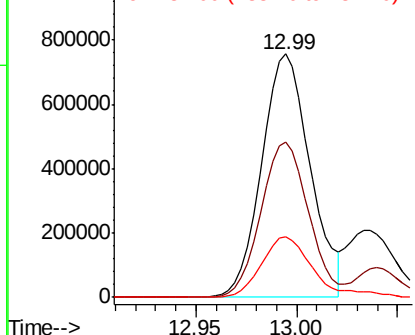
#83
 tert-Butylbenzene
 Concen: 50.308 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

Tot Ion:119 Resp: 1268357
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.3 93.8
 134 26.4 12.9 38.7

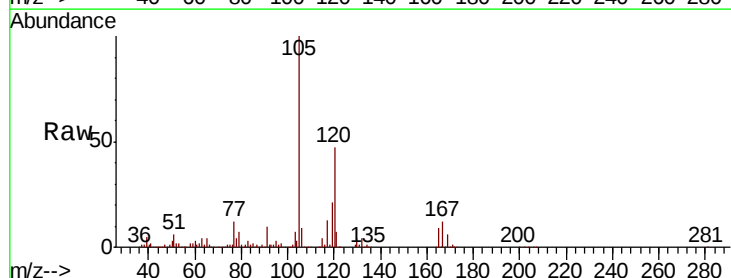


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

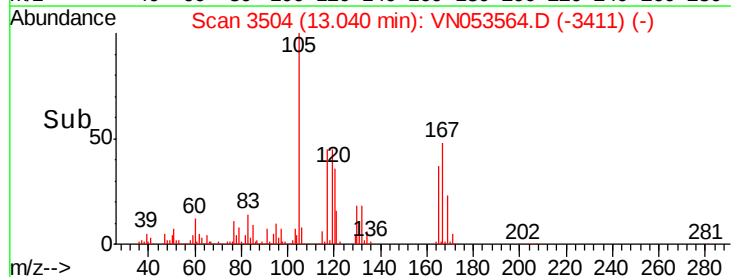
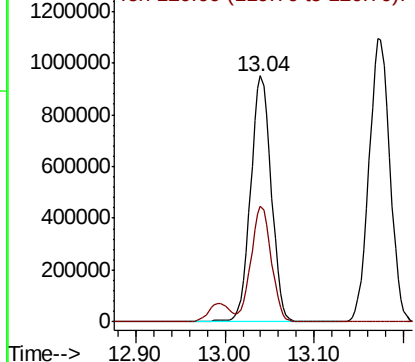


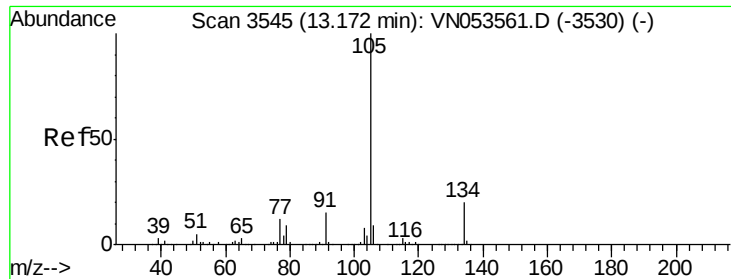
#84
 1,2,4-Trimethylbenzene
 Concen: 52.349 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion:105 Resp: 1521378
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 51.658 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

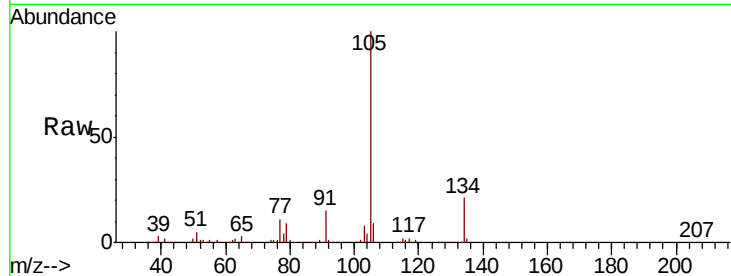
ICVVN013019

Tot Ion:105 Resp: 1772293

Ion Ratio Lower Upper

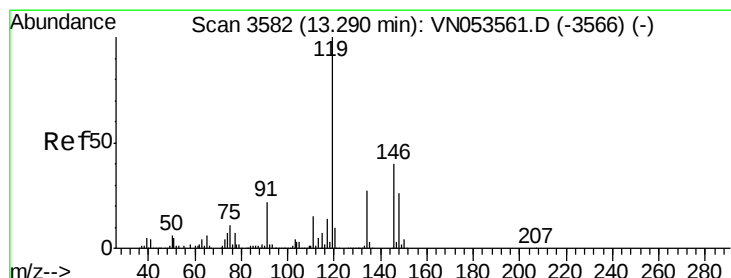
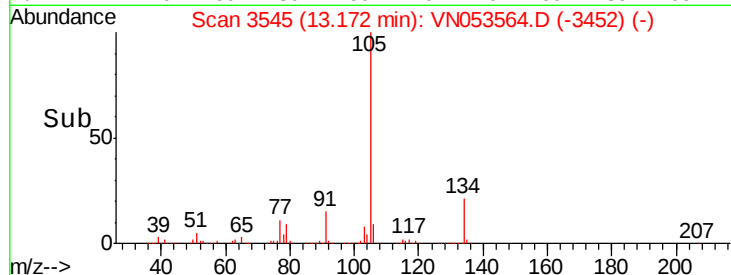
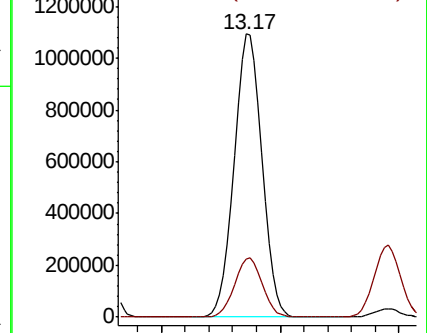
105 100

134 20.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.108 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

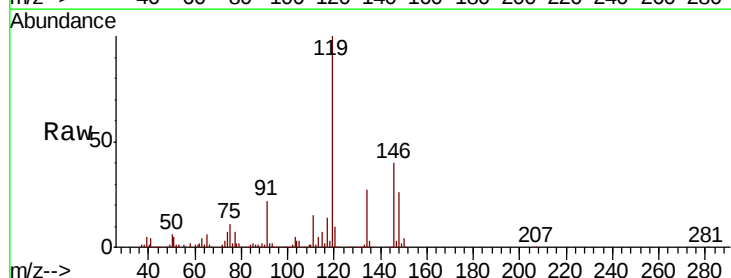
Tgt Ion:119 Resp: 1593534

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

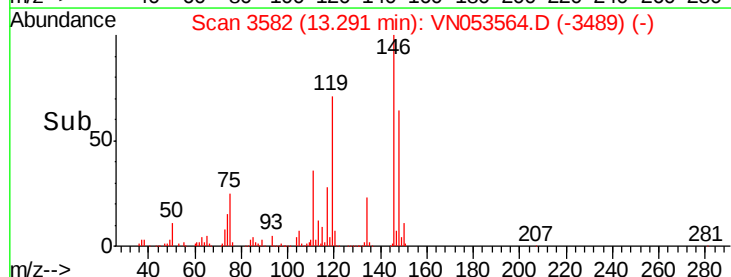
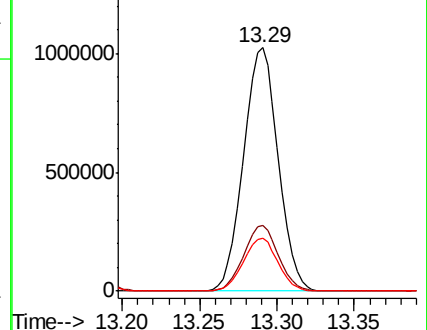
91 21.6 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

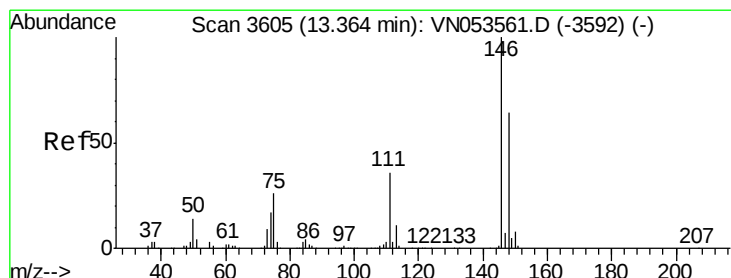
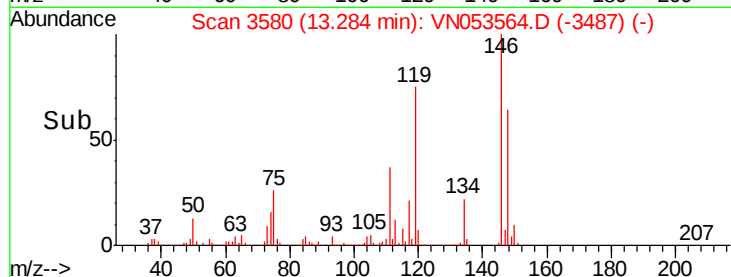
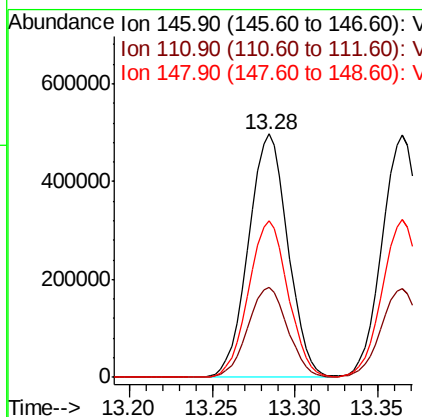
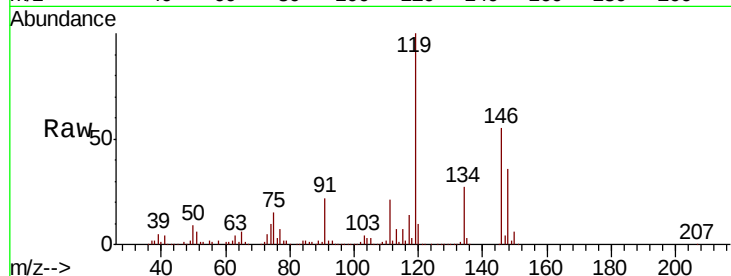




#87
 1,3-Dichlorobenzene
 Concen: 49.361 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

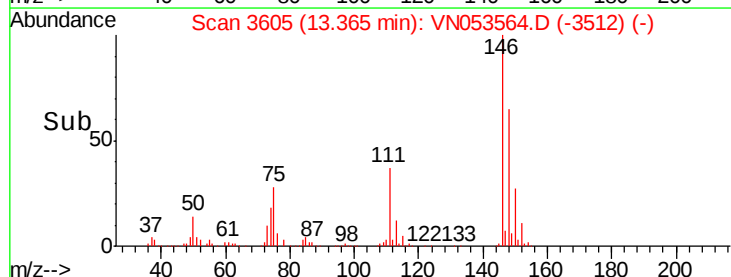
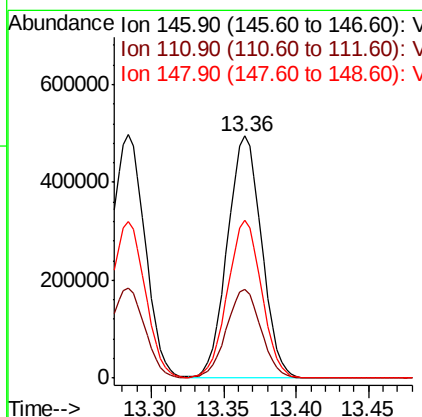
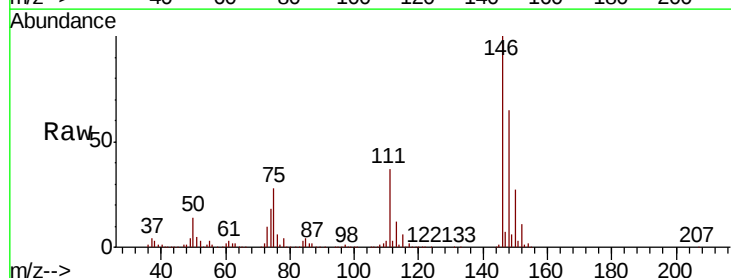
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

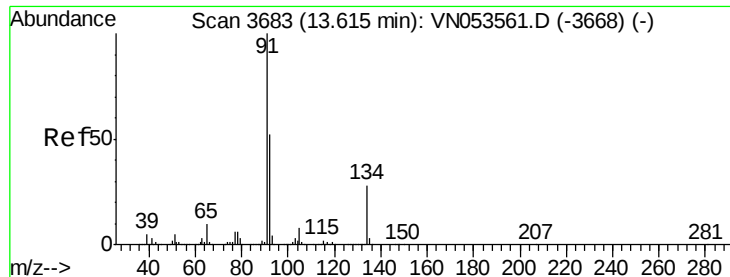
Tot Ion:146 Resp: 822644
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.215 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion:146 Resp: 811340
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.6 55.8
 148 64.8 32.4 97.0

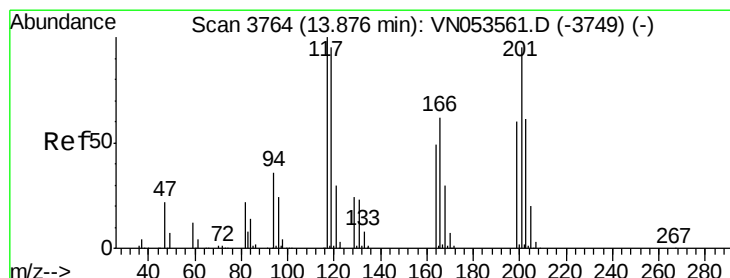
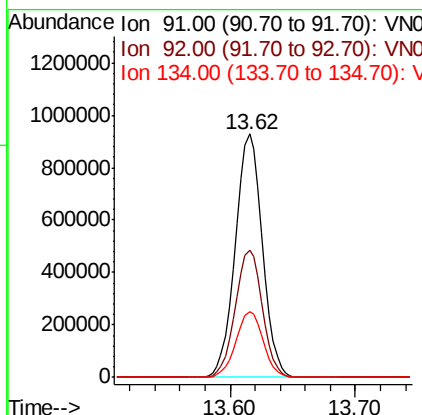
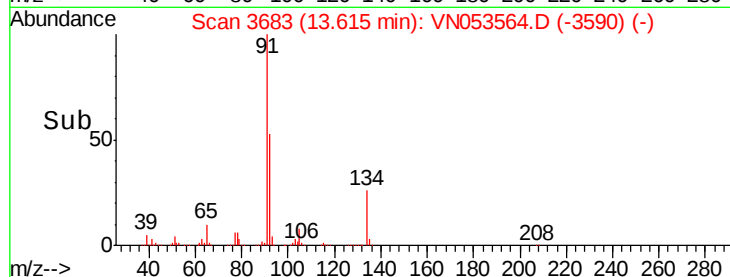
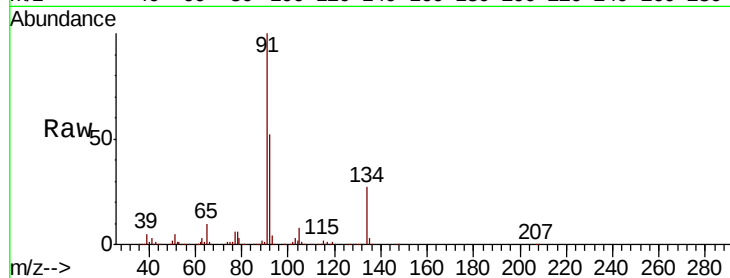




#89
n-Butylbenzene
Concen: 53.445 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

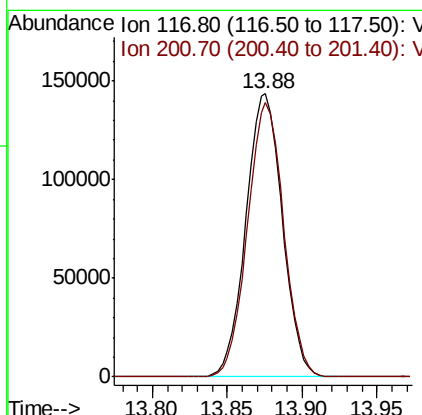
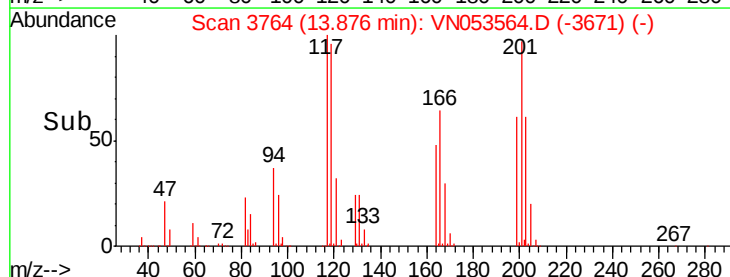
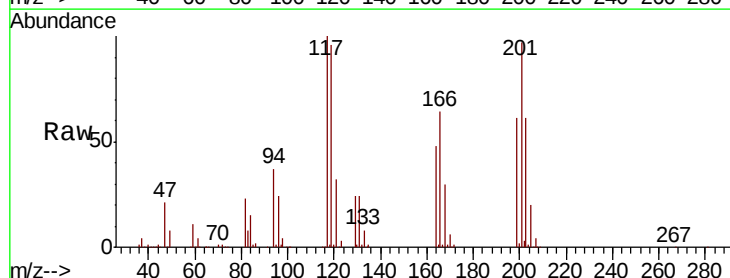
Instrument :
MSVOA_N
ClientSampleId :
ICVVN013019

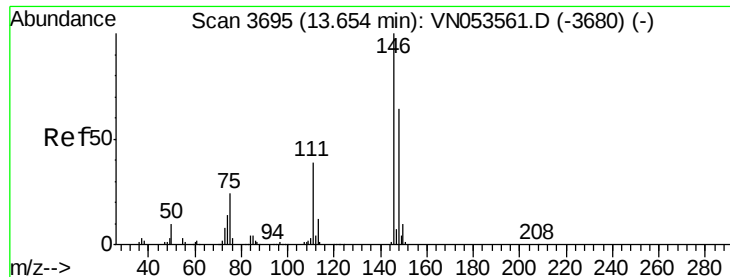
Tot Ion: 91 Resp: 1388055
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 27.2 13.5 40.5



#90
Hexachloroethane
Concen: 49.227 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053564.D
Acq: 30 Jan 2019 11:42

Tgt Ion: 117 Resp: 243638
Ion Ratio Lower Upper
117 100
201 96.0 46.8 140.4

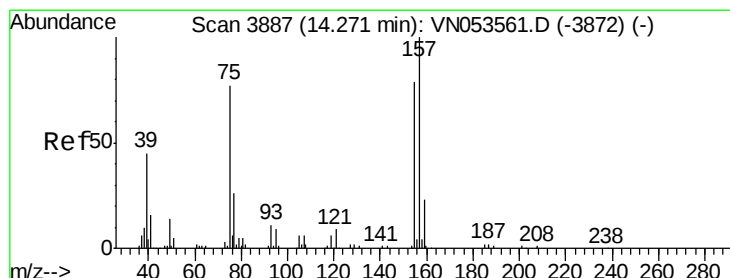
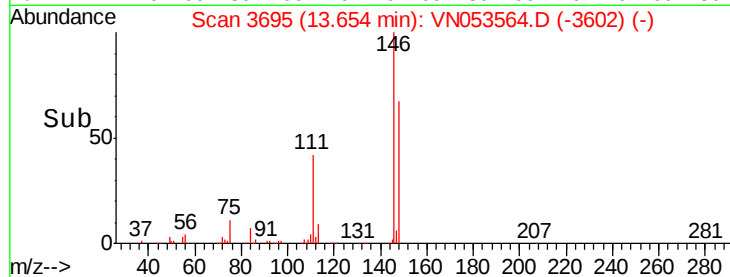
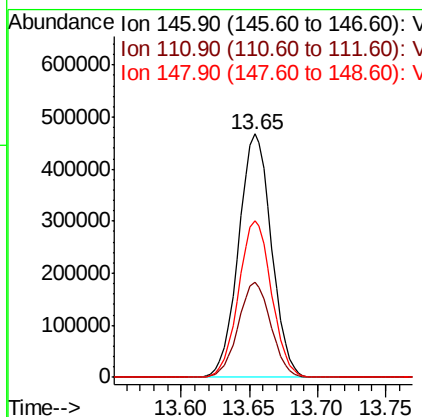
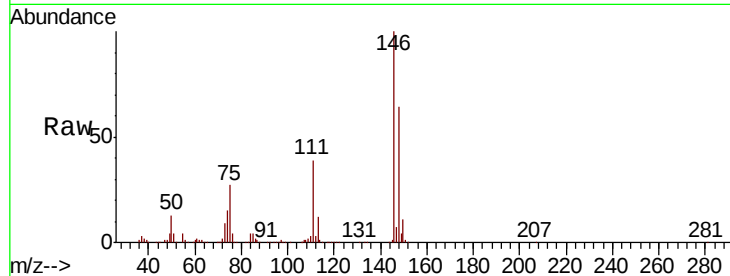




#91
 1,2-Dichlorobenzene
 Concen: 48.962 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

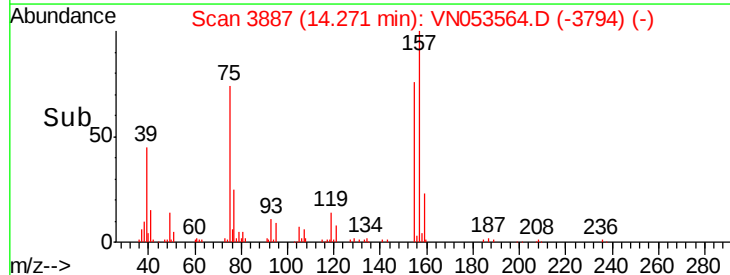
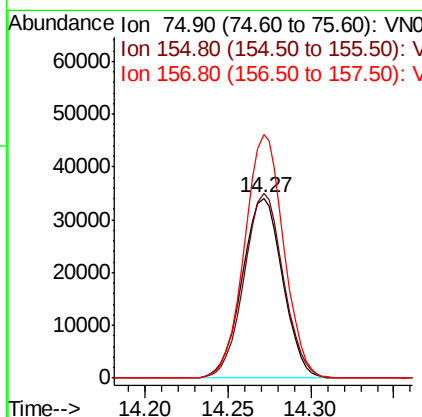
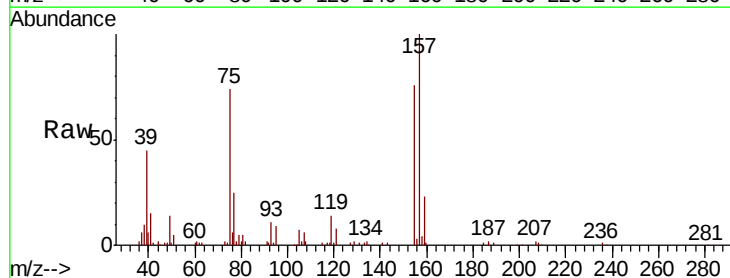
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	64.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.416 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	48.9	146.7
157	130.6	63.7	191.3

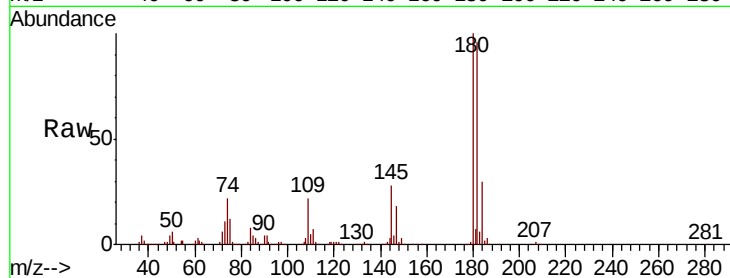




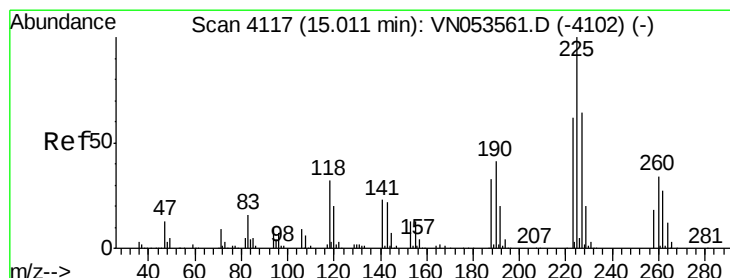
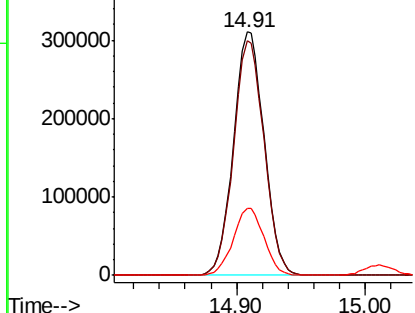
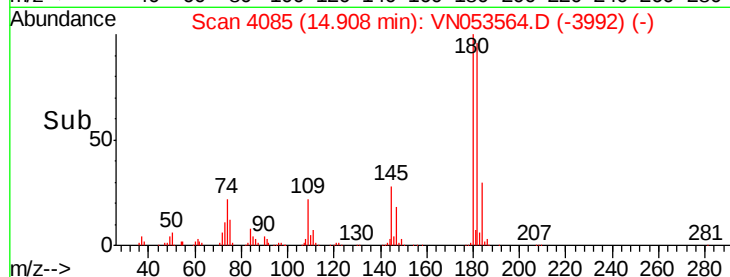
#93
 1,2,4-Trichlorobenzene
 Concen: 55.884 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN013019

Tot Ion:180 Resp: 511383
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.1 144.3
 145 27.6 13.9 41.6

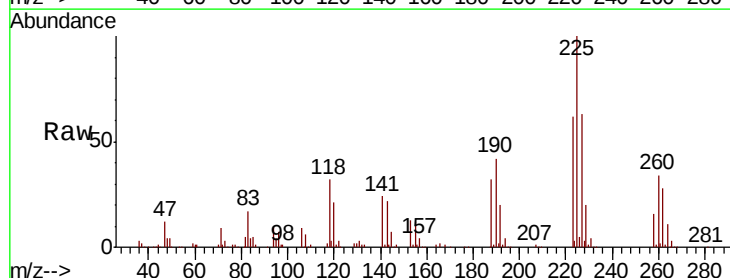


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

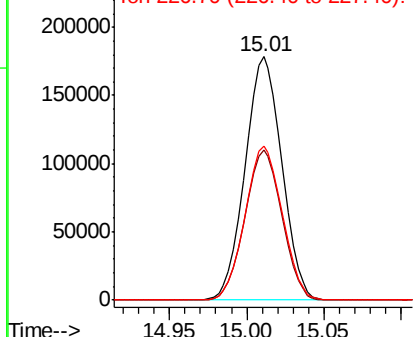
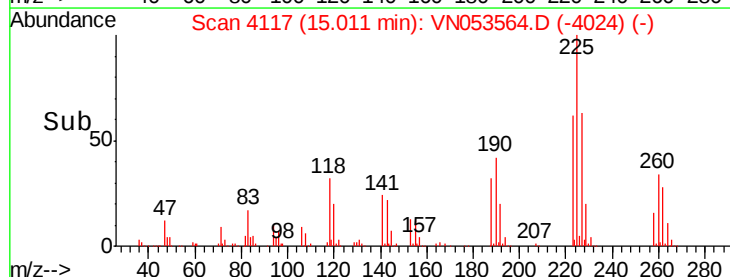


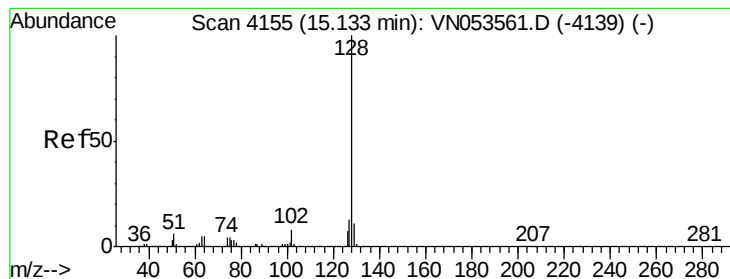
#94
 Hexachlorobutadiene
 Concen: 51.903 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053564.D
 Acq: 30 Jan 2019 11:42

Tgt Ion:225 Resp: 295782
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.1 93.2
 227 64.0 32.0 96.2



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: 50.714 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

Instrument :

MSVOA_N

ClientSampleId :

ICVVN013019

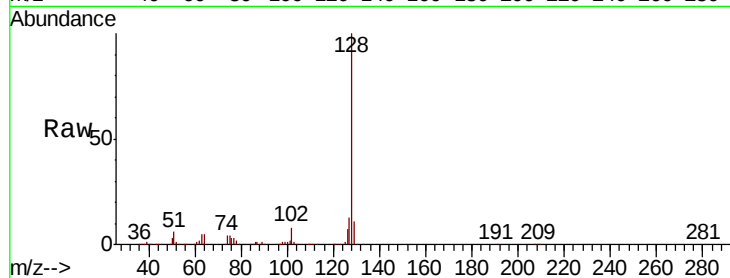
Tot Ion:128 Resp: 1090694

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

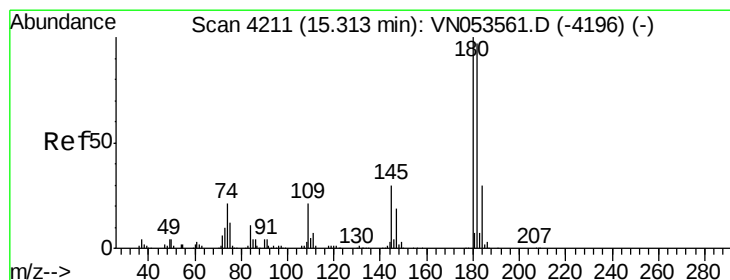
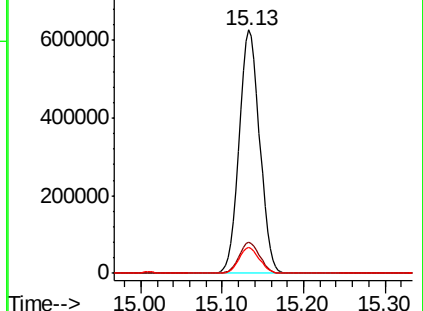
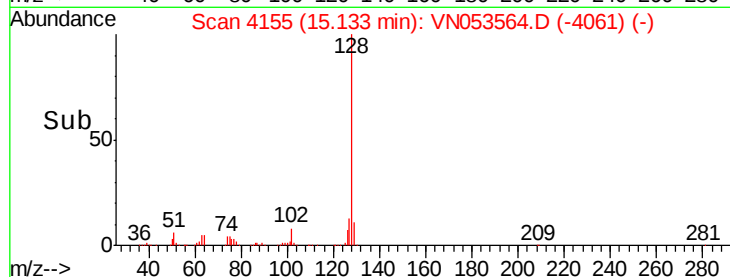
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.566 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053564.D

Acq: 30 Jan 2019 11:42

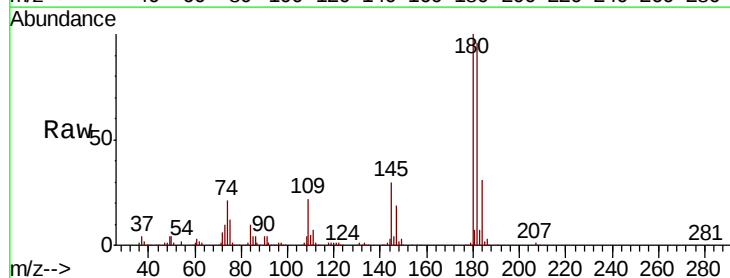
Tgt Ion:180 Resp: 471795

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 29.6 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

