

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051425.D
 Acq On : 23 Sep 2018 20:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 24 06:48:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	513383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	729736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	665344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	343363	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	338656	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	7.59	113	304365	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.09	98	1136525	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	371284	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	233086	48.665	ug/l	100
3) Chloromethane	2.06	50	398129	52.217	ug/l	99
4) Vinyl Chloride	2.19	62	433476	51.511	ug/l	99
5) Bromomethane	2.56	94	251052	49.782	ug/l	97
6) Chloroethane	2.70	64	272955	52.054	ug/l	98
7) Trichlorofluoromethane	3.01	101	563118	51.087	ug/l	99
8) Diethyl Ether	3.41	74	160289	46.203	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	279011	44.851	ug/l	98
10) Methyl Iodide	3.95	142	391372	47.374	ug/l	97
11) Tert butyl alcohol	4.78	59	86473	238.249	ug/l	98
12) 1,1-Dichloroethene	3.74	96	253713	44.418	ug/l	99
13) Acrolein	3.61	56	85870	238.255	ug/l	100
14) Allyl chloride	4.33	41	443803	46.309	ug/l	99
15) Acrylonitrile	4.99	53	467954	237.010	ug/l	99
16) Acetone	3.82	43	318949	220.317	ug/l	96
17) Carbon Disulfide	4.05	76	759430	45.254	ug/l	100
18) Methyl Acetate	4.33	43	238406	48.675	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	733983	49.831	ug/l	97
20) Methylene Chloride	4.55	84	302423	47.522	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	280019	47.922	ug/l	97
22) Diisopropyl ether	5.95	45	971462	52.442	ug/l	98
23) Vinyl Acetate	5.90	43	3109633	255.689	ug/l	100
24) 1,1-Dichloroethane	5.85	63	555724	50.279	ug/l	98
25) 2-Butanone	6.84	43	509299	231.375	ug/l	99
26) 2,2-Dichloropropane	6.83	77	384722	44.591	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	318384	49.658	ug/l	99
28) Bromochloromethane	7.20	49	267052	52.321	ug/l	99
29) Tetrahydrofuran	7.21	42	361690	259.291	ug/l	99
30) Chloroform	7.37	83	558018	50.951	ug/l	99
31) Cyclohexane	7.66	56	492994	48.683	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	481423	51.419	ug/l	99
36) 1,1-Dichloropropene	7.79	75	422914	50.046	ug/l	98
37) Ethyl Acetate	6.93	43	246672	50.769	ug/l	99
38) Carbon Tetrachloride	7.78	117	439174	49.687	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	482620	48.855	ug/l	96
40) Benzene	8.04	78	1248784	50.329	ug/l	98
41) Methacrylonitrile	7.21	41	346691	128.975	ug/l #	17
42) 1,2-Dichloroethane	8.12	62	402557	50.668	ug/l	99
43) Isopropyl Acetate	8.17	43	449173	51.125	ug/l #	89
44) Trichloroethene	8.84	130	323295	49.055	ug/l	98
45) 1,2-Dichloropropane	9.12	63	338402	50.172	ug/l	100
46) Dibromomethane	9.21	93	193924	50.886	ug/l	99
47) Bromodichloromethane	9.40	83	432689	51.306	ug/l	100
48) Methyl methacrylate	9.20	41	223191	50.953	ug/l	99
49) 1,4-Dioxane	9.20	88	53049	988.182	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1215856	251.631	ug/l	99
52) Toluene	10.16	92	773028	50.131	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	419207	49.235	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	487390	49.361	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	277368	50.897	ug/l	97
56) Ethyl methacrylate	10.43	69	344247	51.666	ug/l	99
57) 1,3-Dichloropropane	10.71	76	468491	50.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	877590	243.920	ug/l	99
59) 2-Hexanone	10.75	43	768757	245.426	ug/l	100
60) Dibromochloromethane	10.90	129	324912	50.531	ug/l	100
61) 1,2-Dibromoethane	11.01	107	264906	50.074	ug/l	99
64) Tetrachloroethene	10.63	164	303211	50.214	ug/l	97
65) Chlorobenzene	11.43	112	840933	49.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	324685	49.923	ug/l	100
67) Ethyl Benzene	11.51	91	1451187	50.443	ug/l	100
68) m/p-Xylenes	11.62	106	1125755	101.165	ug/l	100
69) o-Xylene	11.95	106	536773	50.176	ug/l	98
70) Styrene	11.96	104	866792	51.134	ug/l	100
71) Bromoform	12.13	173	217488	49.283	ug/l #	97
73) Isopropylbenzene	12.25	105	1443444	49.824	ug/l	100
74) N-amyl acetate	12.07	43	374486	51.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	323821	47.933	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	404599	70.981	ug/l #	100
77) Bromobenzene	12.53	156	351581	47.939	ug/l	98
78) n-propylbenzene	12.59	91	1648152	50.478	ug/l	99
79) 2-Chlorotoluene	12.67	91	967142	49.485	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1201254	50.851	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	86688	46.764	ug/l	99
82) 4-Chlorotoluene	12.77	91	962114	49.321	ug/l	100
83) tert-Butylbenzene	12.99	119	1041991	49.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1215289	51.053	ug/l	100
85) sec-Butylbenzene	13.17	105	1417483	49.832	ug/l	99
86) p-Isopropyltoluene	13.29	119	1246030	50.624	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	626745	49.383	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	605646	49.596	ug/l	99
89) n-Butylbenzene	13.61	91	1009219	49.863	ug/l	99
90) Hexachloroethane	13.87	117	237232	48.374	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	606446	49.248	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46513	48.244	ug/l	96

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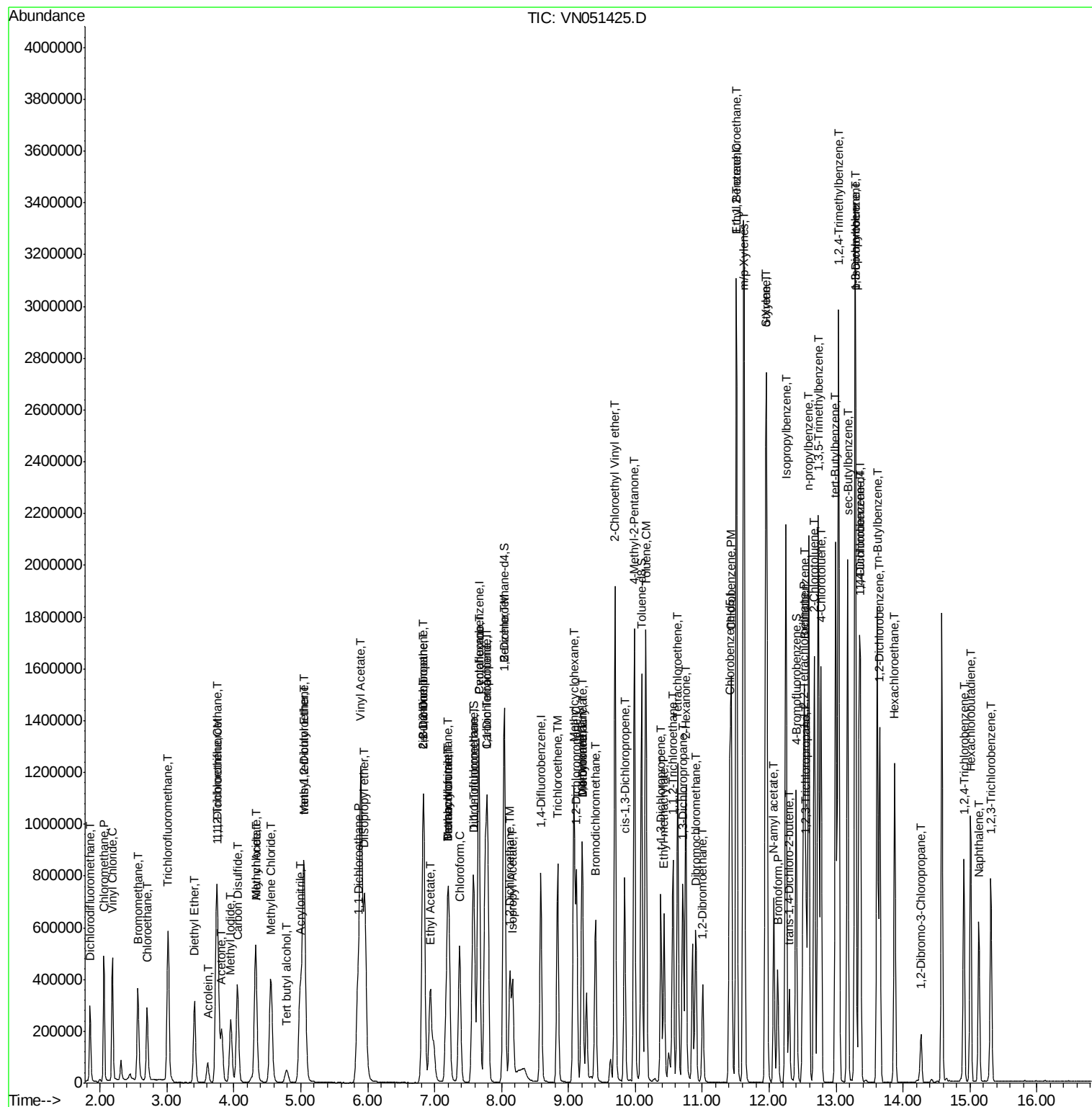
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	296672	45.323	ug/l	99
94) Hexachlorobutadiene	15.01	225	219248	47.058	ug/l	99
95) Naphthalene	15.13	128	531650	42.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	287850	48.709	ug/l	99

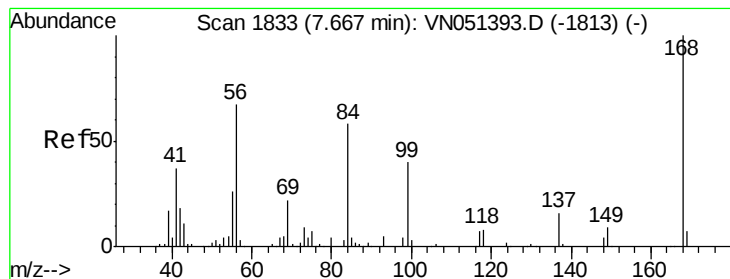
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

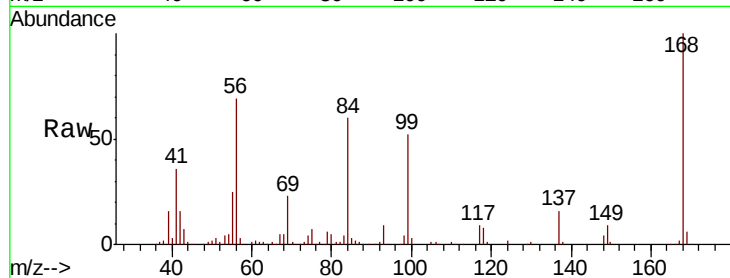
VSTDCCC050

Tgt Ion:168 Resp: 513383

Ion Ratio Lower Upper

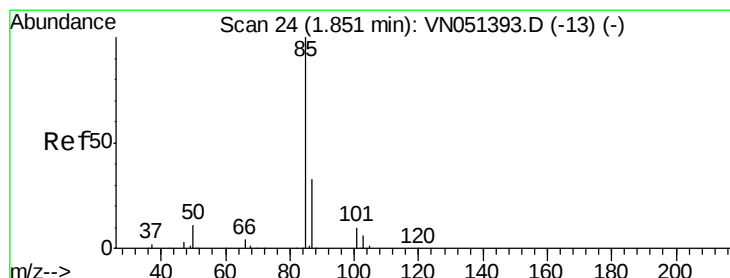
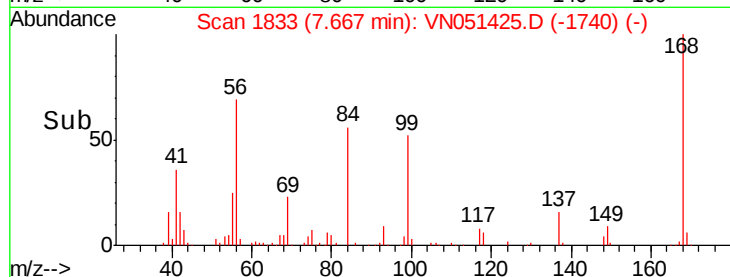
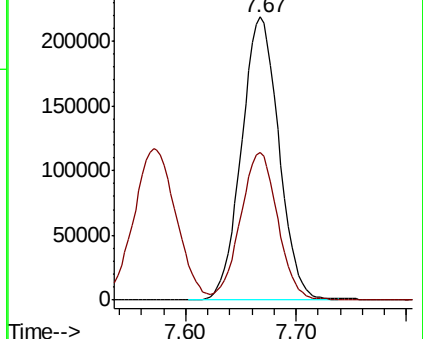
168 100

99 52.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.665 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051425.D

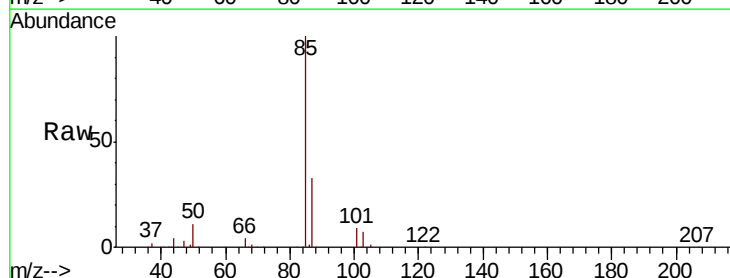
Acq: 23 Sep 2018 20:30

Tgt Ion: 85 Resp: 233086

Ion Ratio Lower Upper

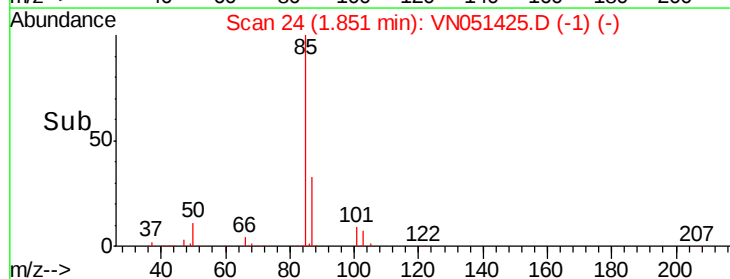
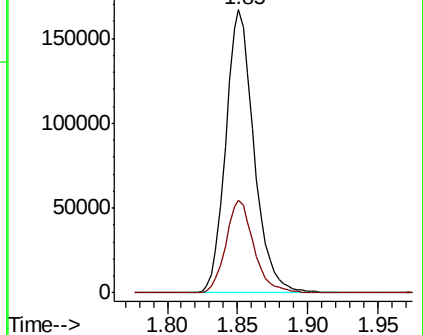
85 100

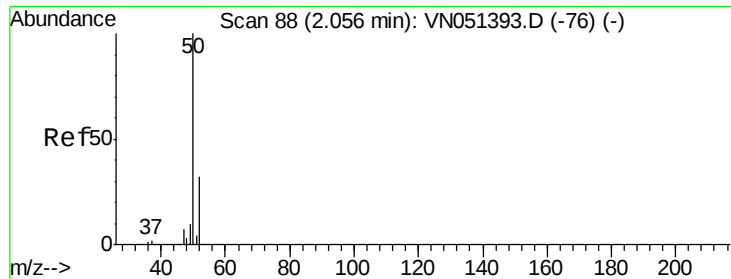
87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.217 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

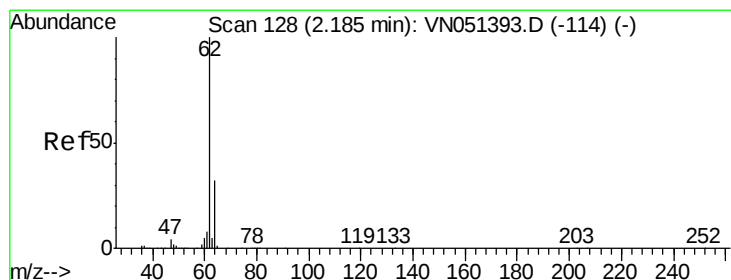
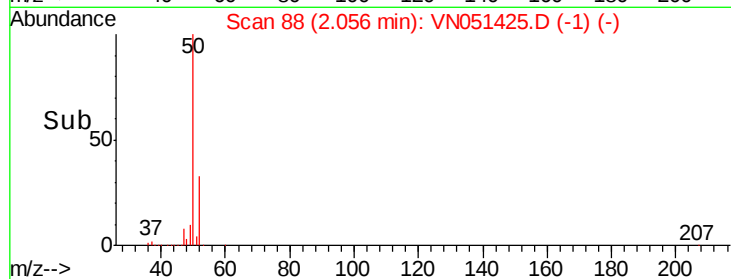
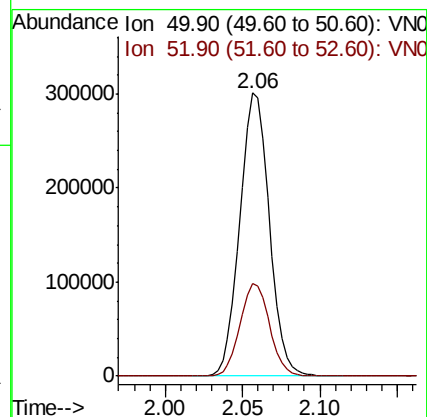
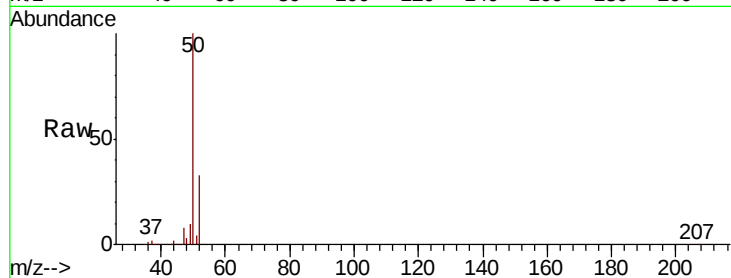
VSTDCCC050

Tgt Ion: 50 Resp: 398129

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



#4

Vinyl Chloride

Concen: 51.511 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051425.D

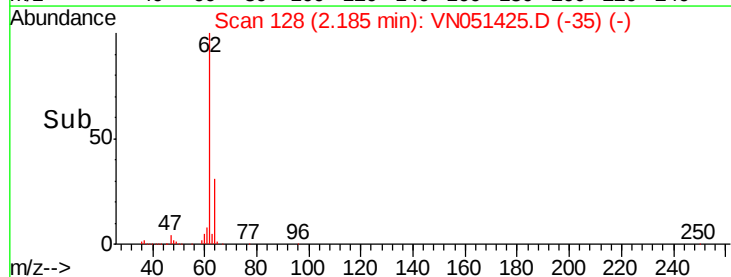
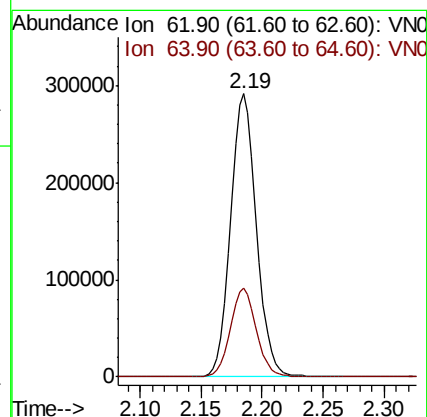
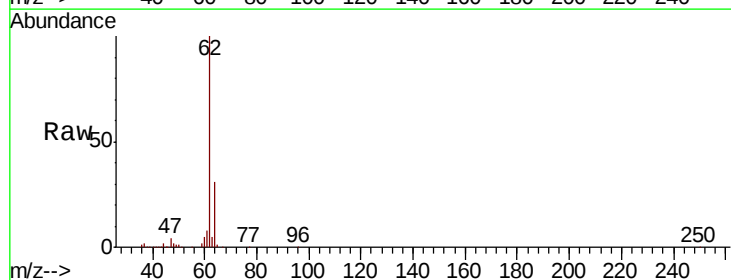
Acq: 23 Sep 2018 20:30

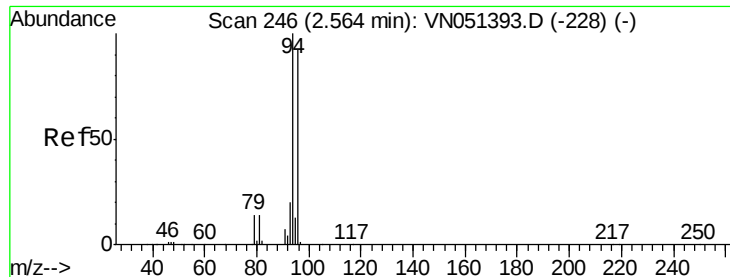
Tgt Ion: 62 Resp: 433476

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 49.782 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

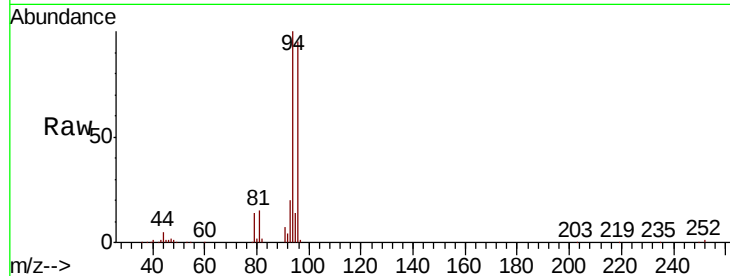
VSTDCCC050

Tgt Ion: 94 Resp: 251052

Ion Ratio Lower Upper

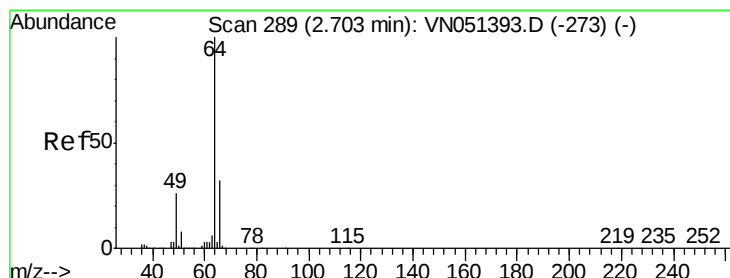
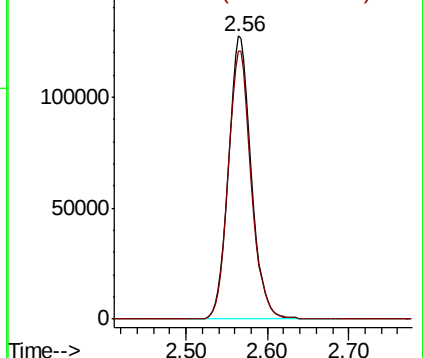
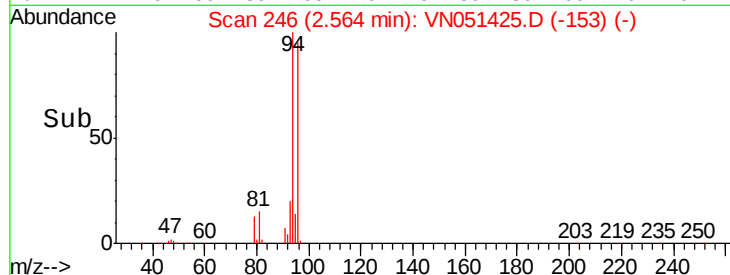
94 100

96 94.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN051425.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051425.D (-153) (-)



#6

Chloroethane

Concen: 52.054 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051425.D

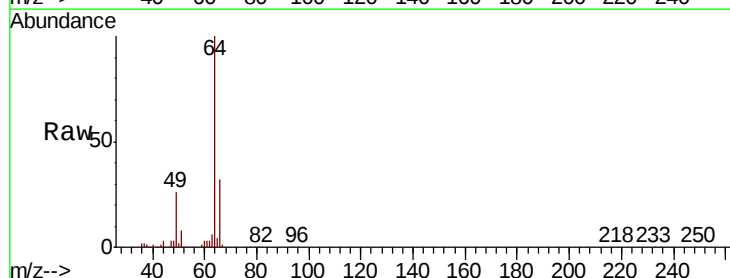
Acq: 23 Sep 2018 20:30

Tgt Ion: 64 Resp: 272955

Ion Ratio Lower Upper

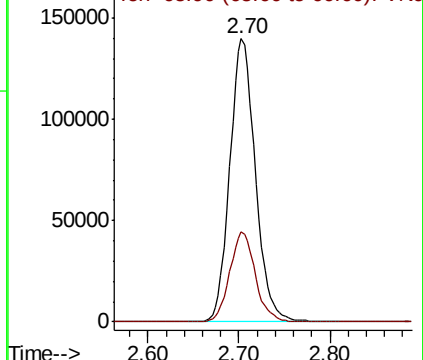
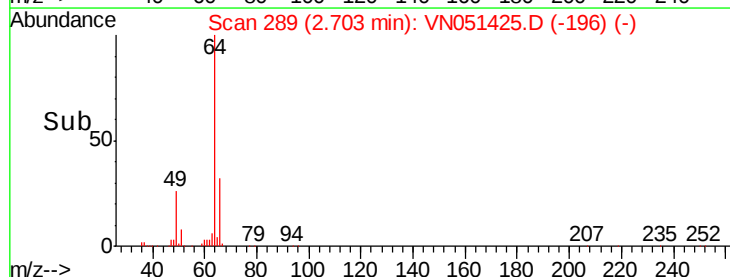
64 100

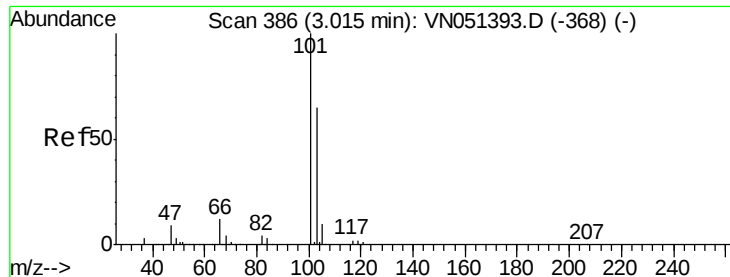
66 31.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN051425.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN051425.D (-196) (-)



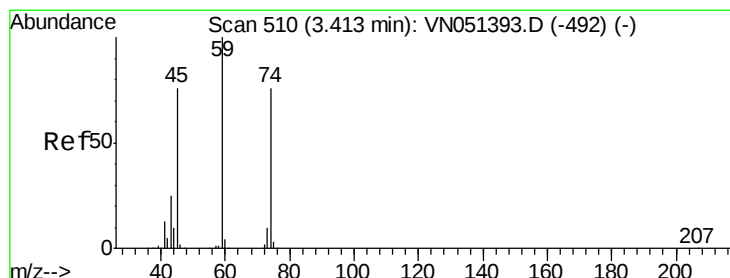
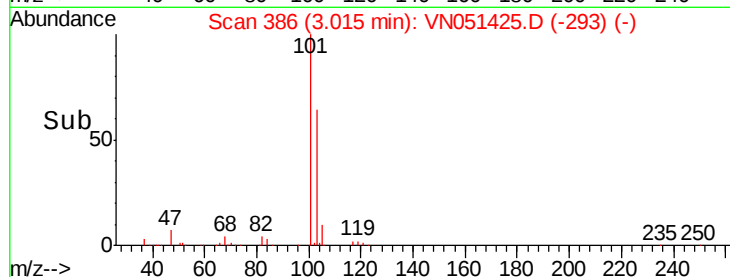
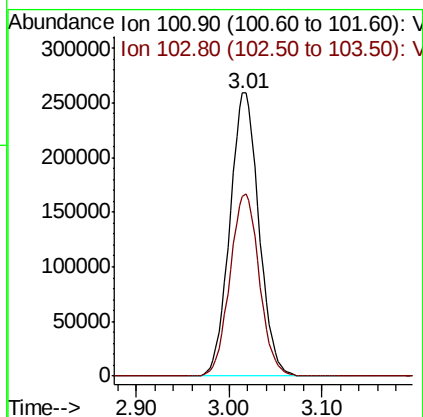
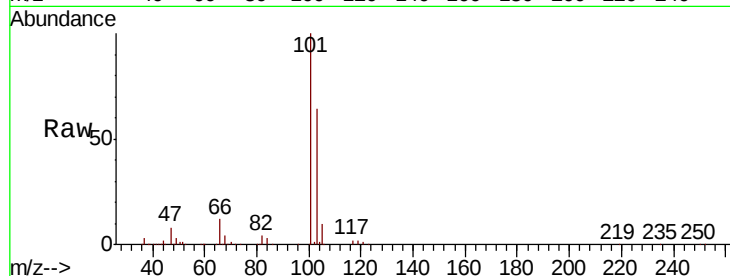


#7

Trichlorofluoromethane
 Concen: 51.087 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Instrument :
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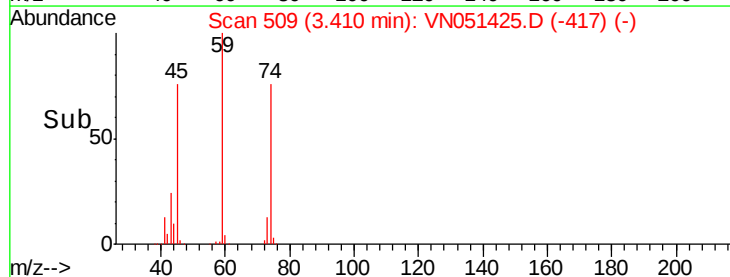
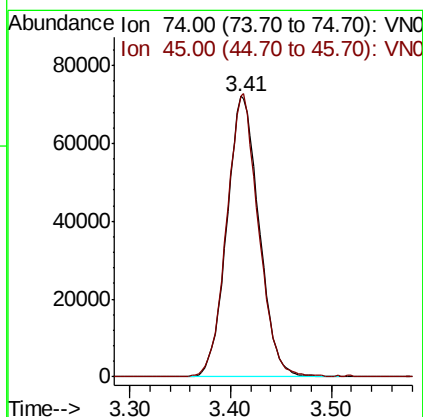
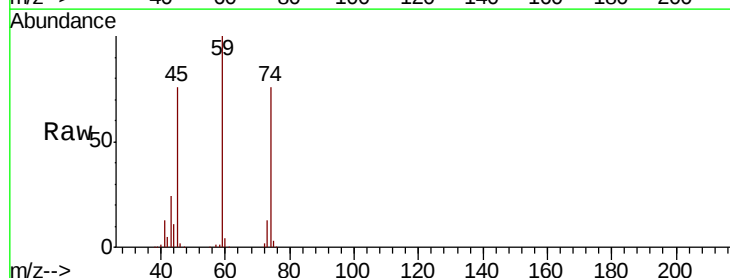
Tgt Ion: 101 Resp: 563118
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.8

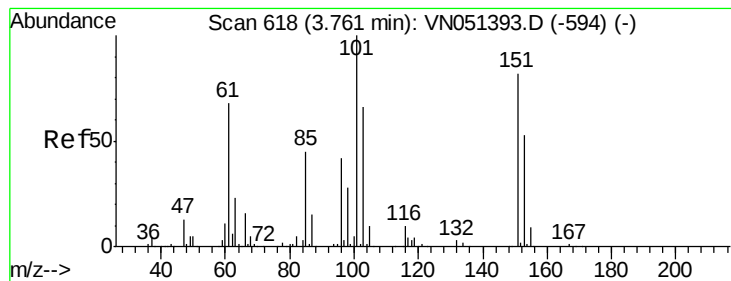


#8

Diethyl Ether
 Concen: 46.203 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 74 Resp: 160289
 Ion Ratio Lower Upper
 74 100
 45 99.3 50.2 150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.851 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

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VSTDCCC050

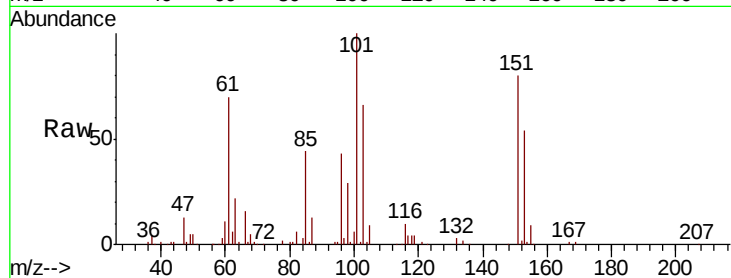
Tgt Ion:101 Resp: 279011

Ion Ratio Lower Upper

101 100

85 44.4 33.9 50.9

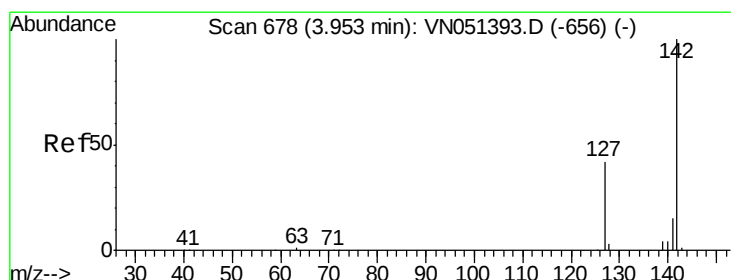
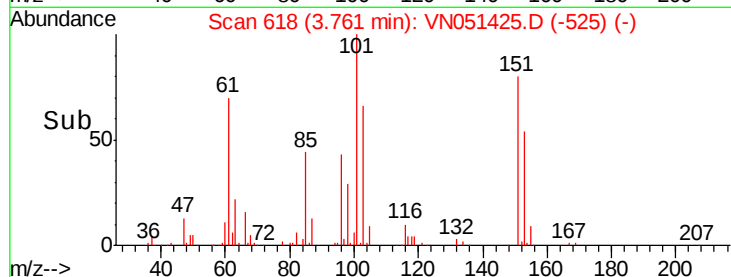
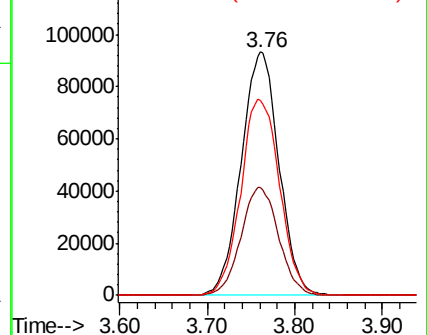
151 83.0 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.374 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

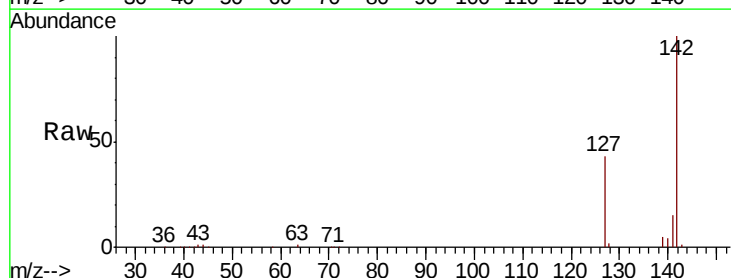
Tgt Ion:142 Resp: 391372

Ion Ratio Lower Upper

142 100

127 43.7 33.2 49.8

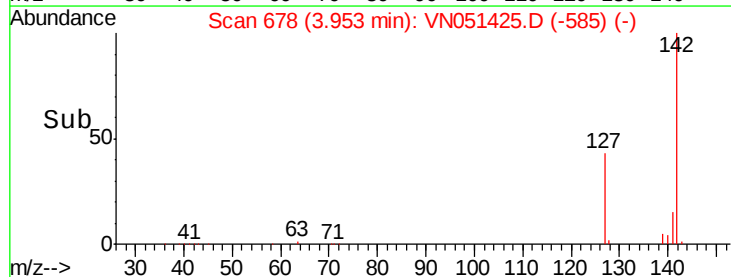
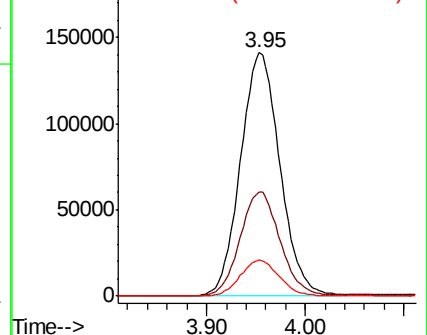
141 14.7 11.5 17.3

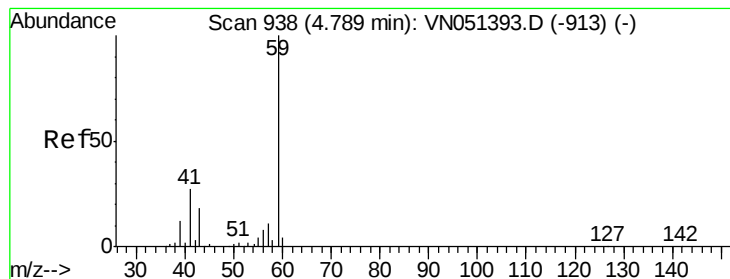


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



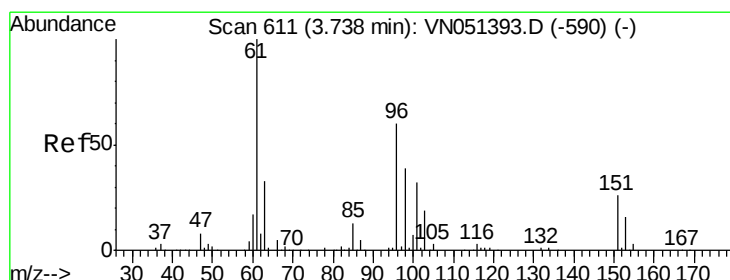
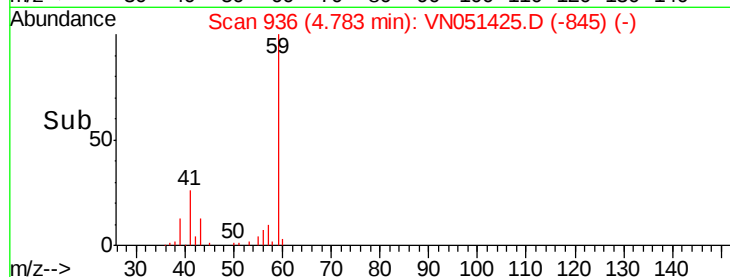
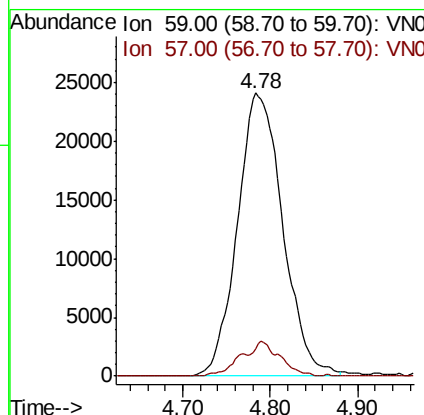
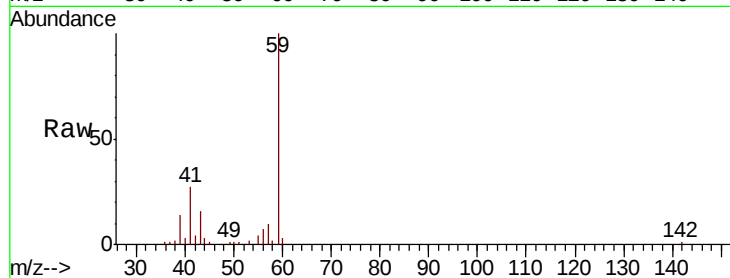


#11

Tert butyl alcohol
 Concen: 238.249 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

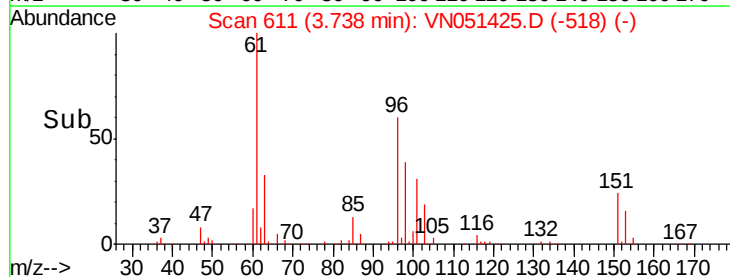
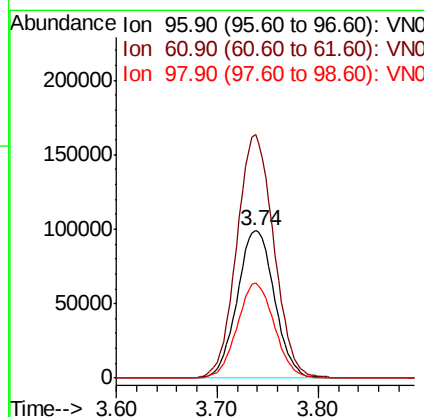
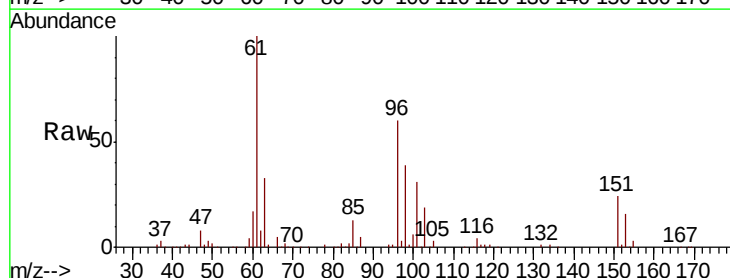
Tgt Ion: 59 Resp: 86473
 Ion Ratio Lower Upper
 59 100
 57 7.1 6.2 9.2

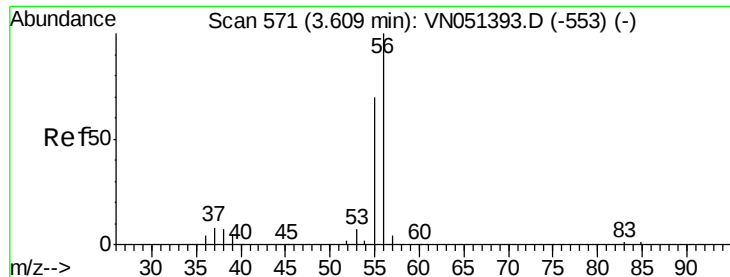


#12

1,1-Dichloroethene
 Concen: 44.418 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 96 Resp: 253713
 Ion Ratio Lower Upper
 96 100
 61 165.4 133.6 200.4
 98 65.0 52.2 78.2

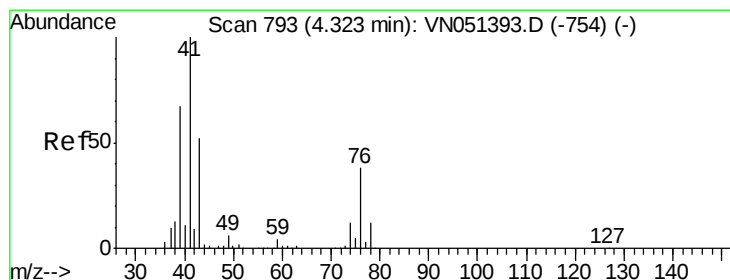
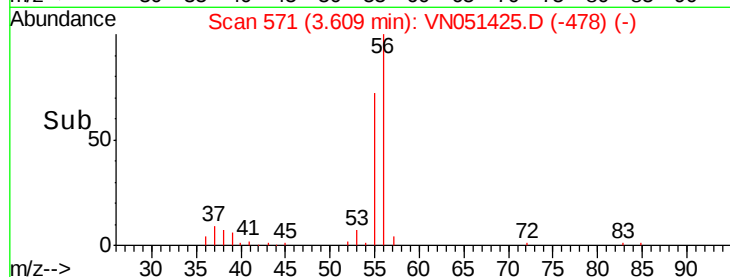
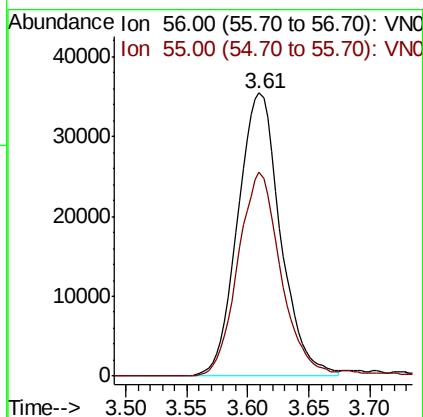
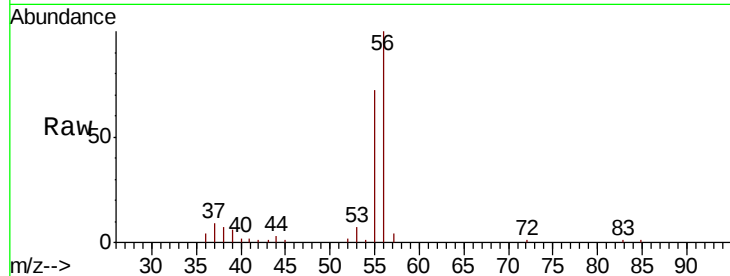




#13
Acrolein
Concen: 238.255 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

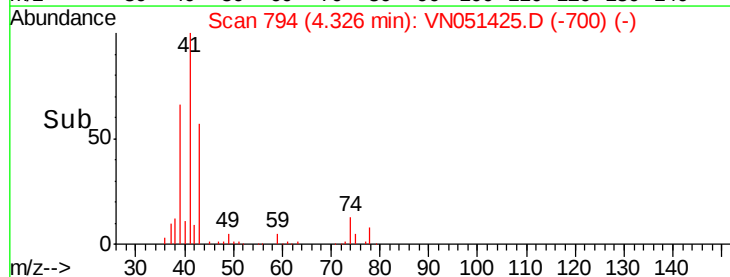
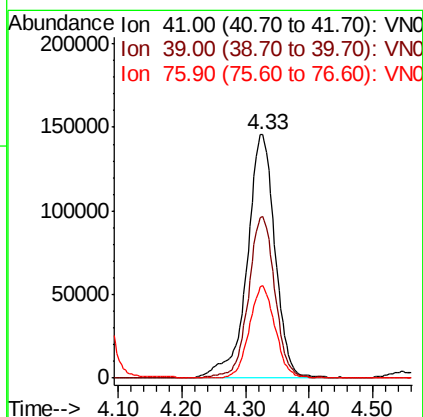
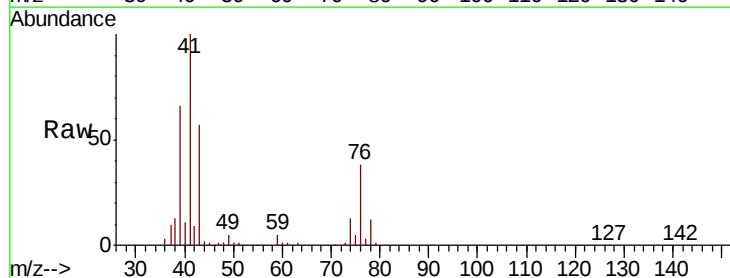
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

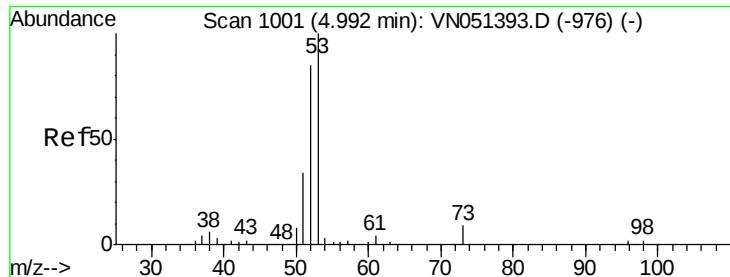
Tgt Ion: 56 Resp: 85870
Ion Ratio Lower Upper
56 100
55 72.0 57.8 86.8



#14
Allyl chloride
Concen: 46.309 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 41 Resp: 443803
Ion Ratio Lower Upper
41 100
39 63.0 51.4 77.2
76 34.7 28.1 42.1

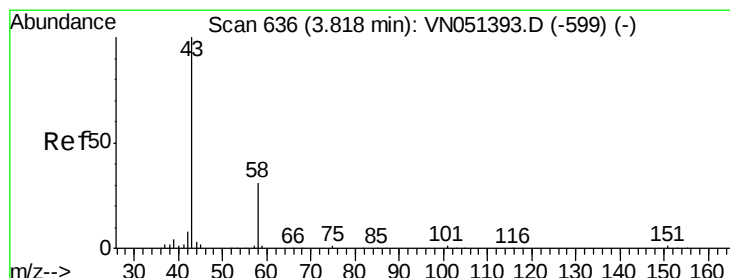
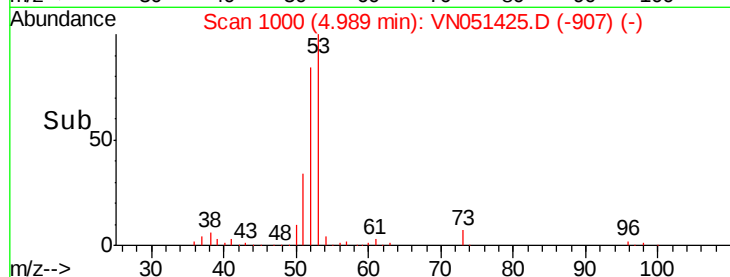
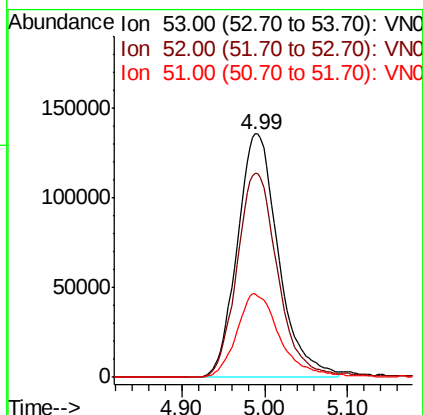
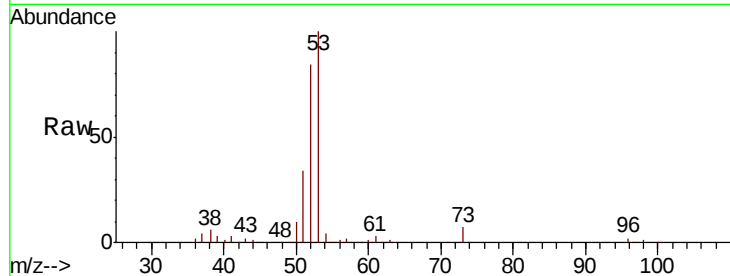




#15
 Acrylonitrile
 Concen: 237.010 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

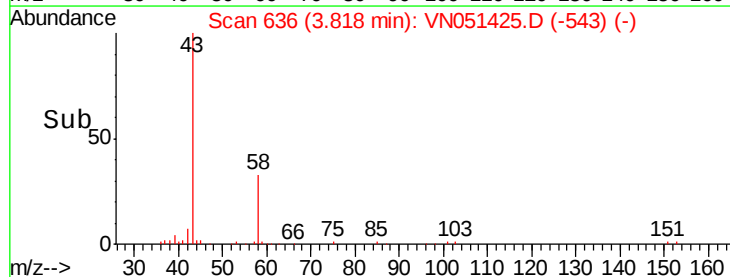
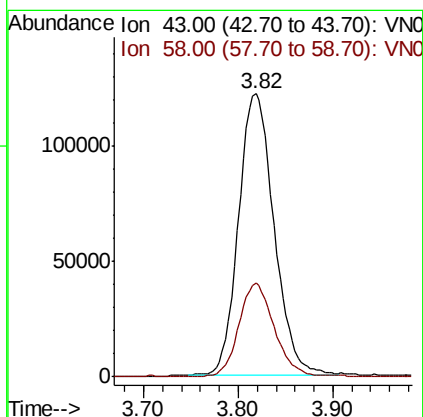
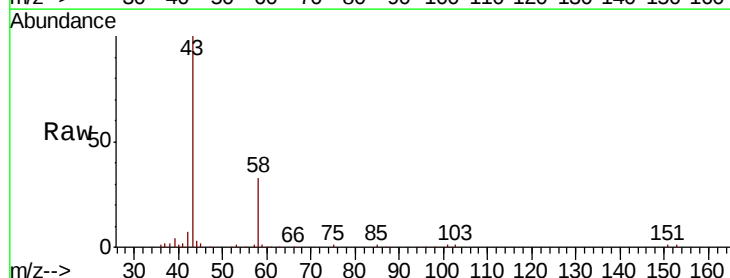
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

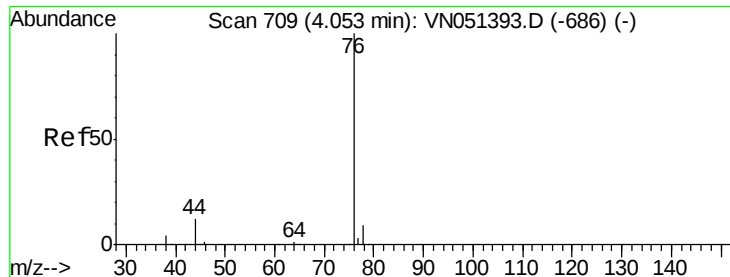
Tgt Ion: 53 Resp: 467954
 Ion Ratio Lower Upper
 53 100
 52 83.9 66.2 99.2
 51 36.1 28.6 42.8



#16
 Acetone
 Concen: 220.317 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 43 Resp: 318949
 Ion Ratio Lower Upper
 43 100
 58 33.2 25.0 37.4

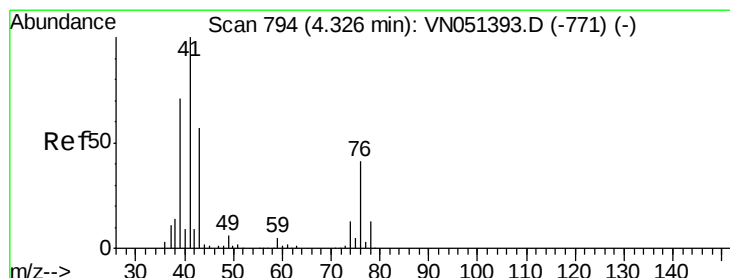
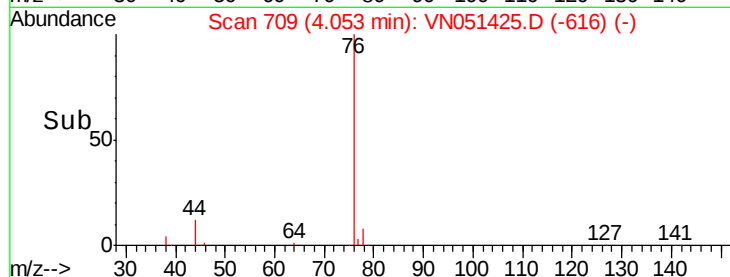
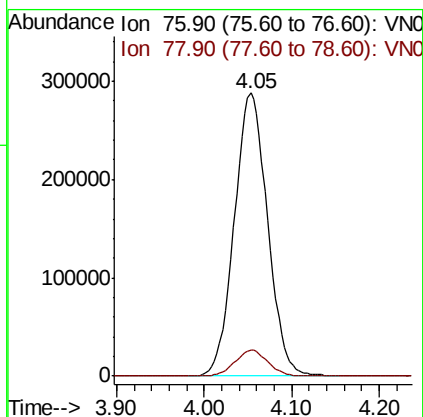
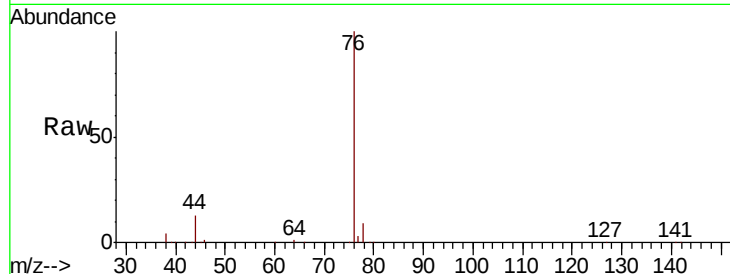




#17
Carbon Disulfide
Concen: 45.254 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

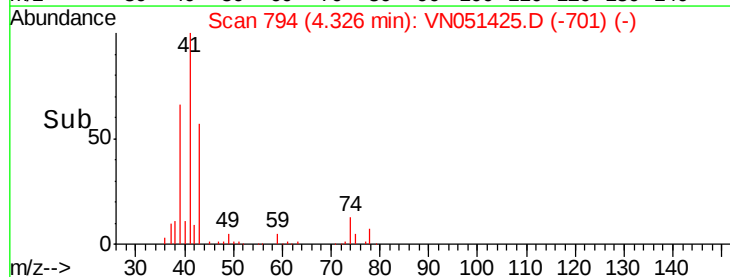
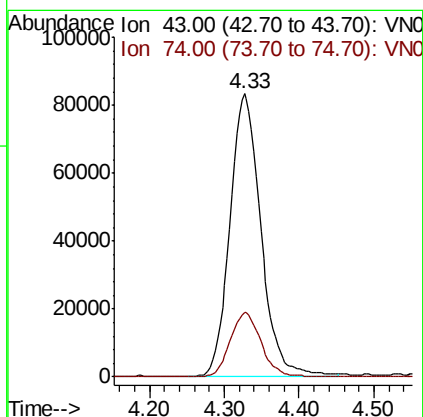
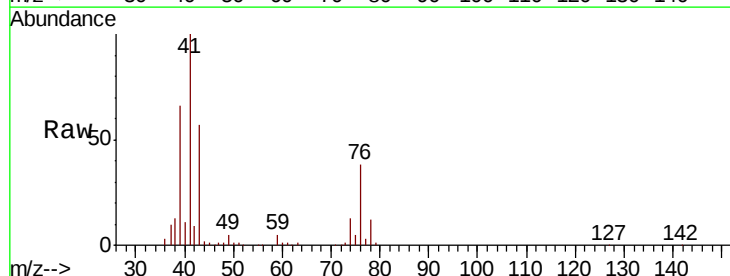
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 759430
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 48.675 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 43 Resp: 238406
Ion Ratio Lower Upper
43 100
74 22.8 18.8 28.2

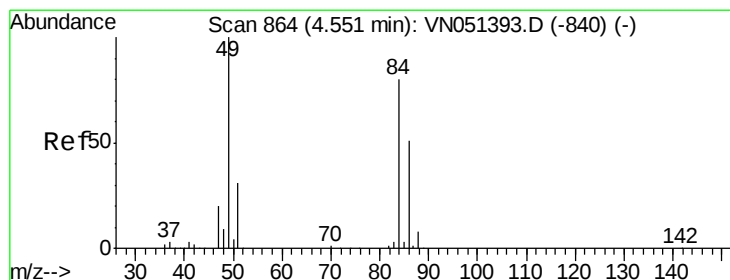
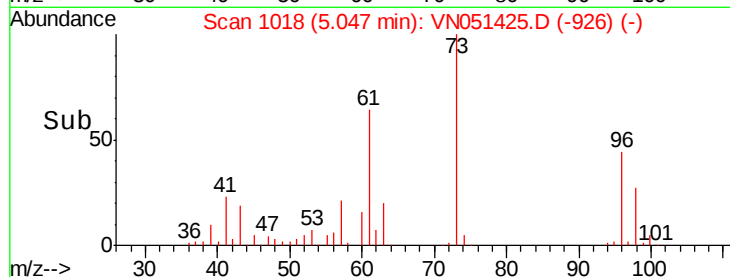
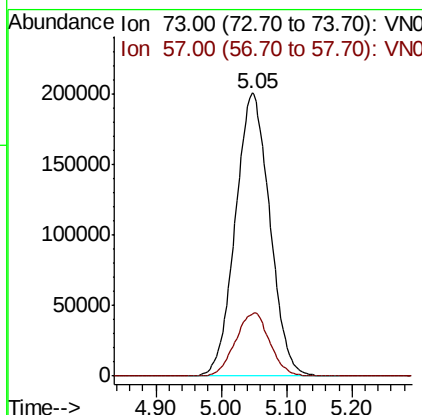
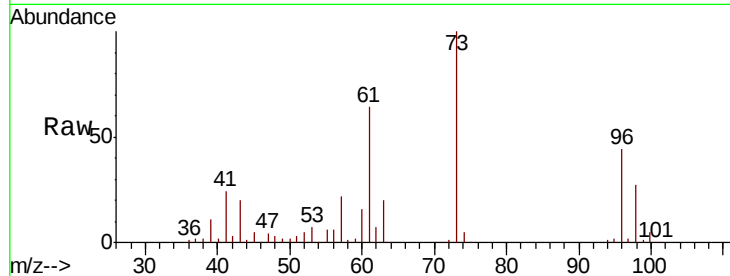




#19
Methyl tert-butyl Ether
Concen: 49.831 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

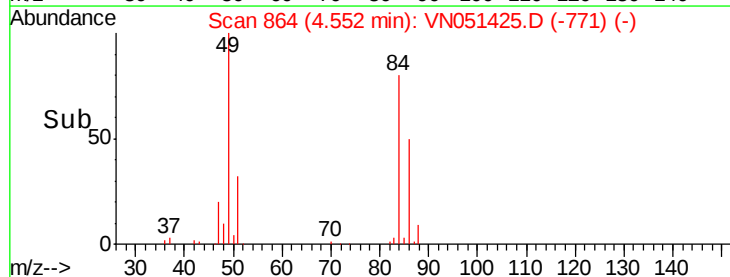
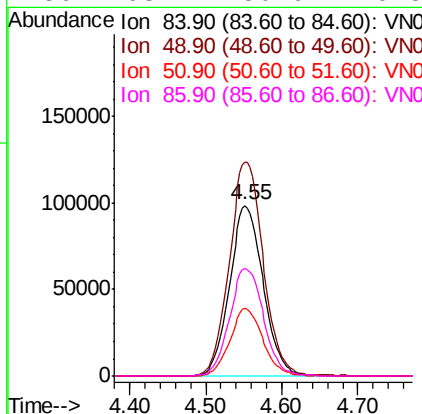
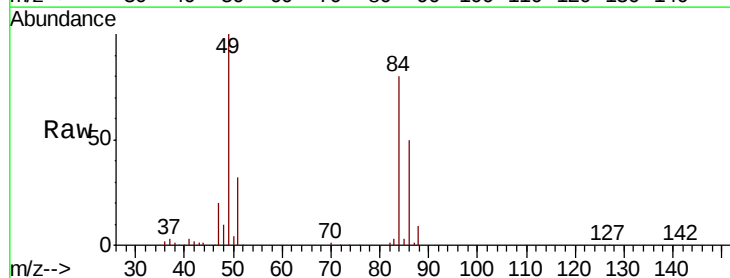
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

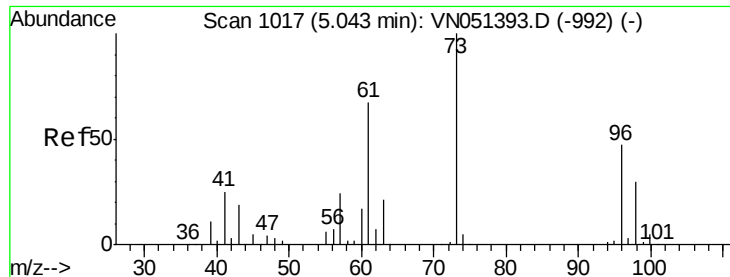
Tgt Ion: 73 Resp: 733983
Ion Ratio Lower Upper
73 100
57 21.7 18.3 27.5



#20
Methylene Chloride
Concen: 47.522 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 84 Resp: 302423
Ion Ratio Lower Upper
84 100
49 125.4 99.9 149.9
51 39.7 31.4 47.2
86 63.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 47.922 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

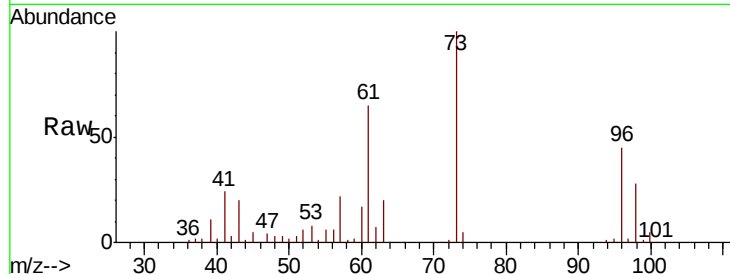
Tgt Ion: 96 Resp: 280019

Ion Ratio Lower Upper

96 100

61 146.4 113.4 170.2

98 62.7 51.1 76.7

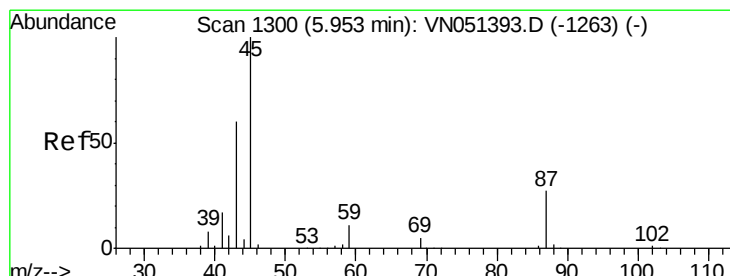
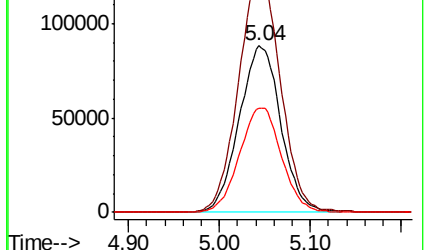
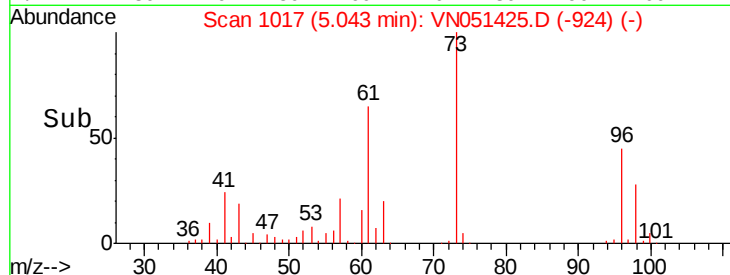


Abundance Ion 95.90 (95.60 to 96.60): VN051393.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN051393.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN051393.D (-992) (-)

Time-->



#22

Diisopropyl ether

Concen: 52.442 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Tgt Ion: 45 Resp: 971462

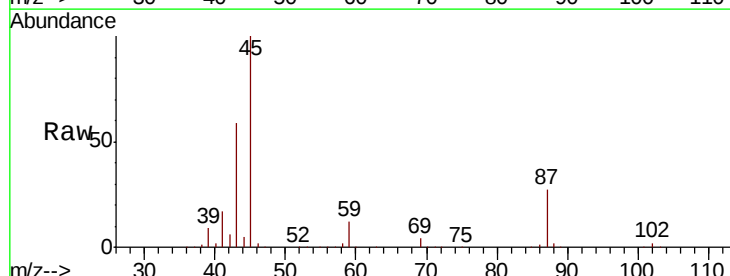
Ion Ratio Lower Upper

45 100

43 57.4 47.7 71.5

87 27.3 22.0 33.0

59 11.6 9.3 13.9



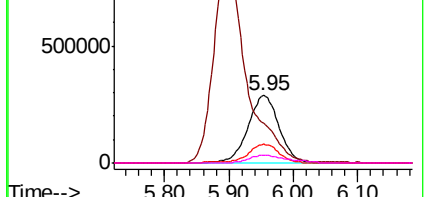
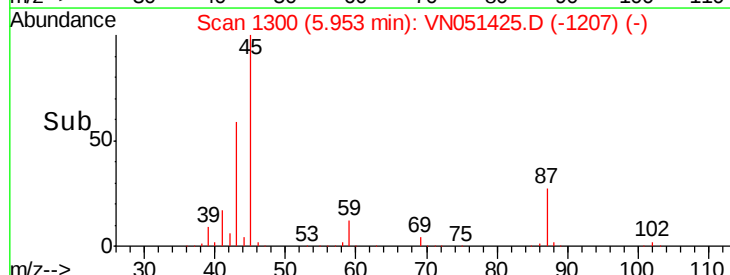
Abundance Ion 45.00 (44.70 to 45.70): VN051393.D (-1263) (-)

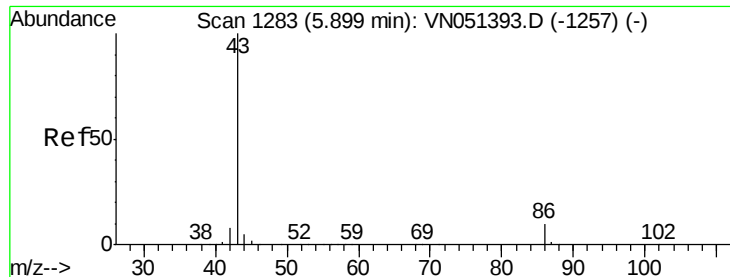
Ion 43.00 (42.70 to 43.70): VN051393.D (-1263) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1263) (-)

Ion 59.00 (58.70 to 59.70): VN051393.D (-1263) (-)

Time-->





#23

Vinyl Acetate

Concen: 255.689 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

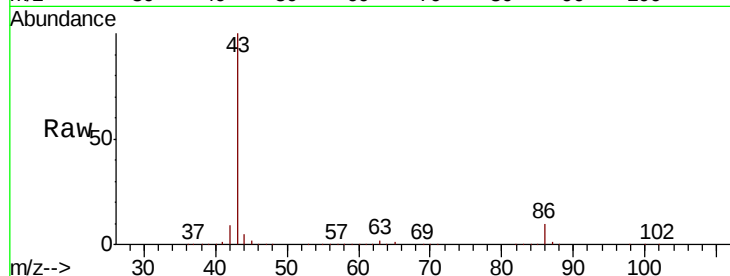
VSTDCCC050

Tgt Ion: 43 Resp: 3109633

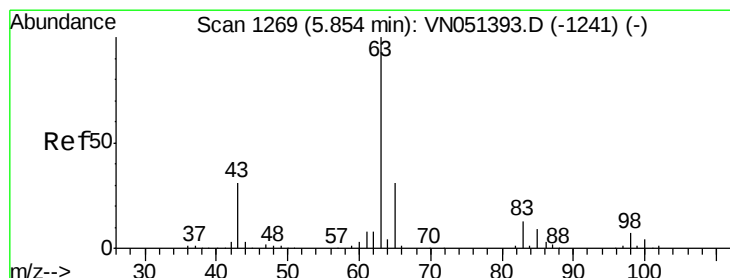
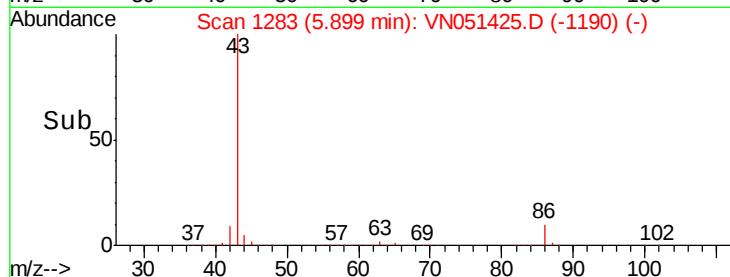
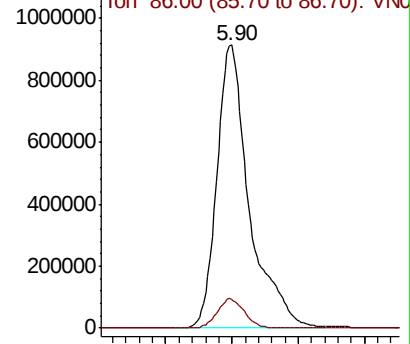
Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1257) (-)



#24

1,1-Dichloroethane

Concen: 50.279 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

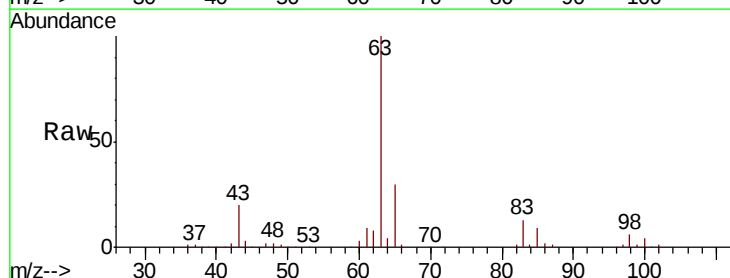
Tgt Ion: 63 Resp: 555724

Ion Ratio Lower Upper

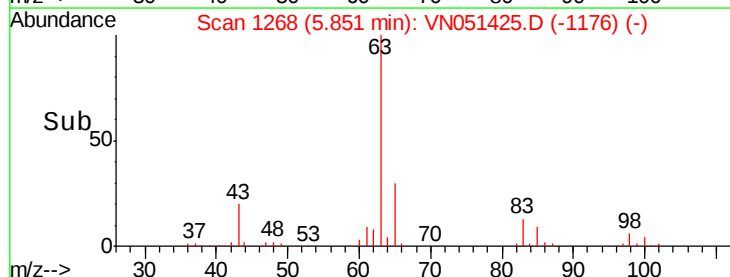
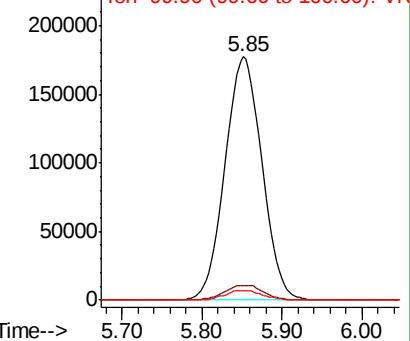
63 100

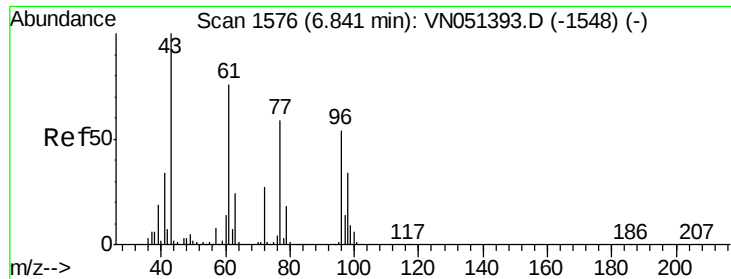
98 6.1 3.4 10.1

100 3.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN051393.D (-1241) (-)





#25

2-Butanone

Concen: 231.375 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

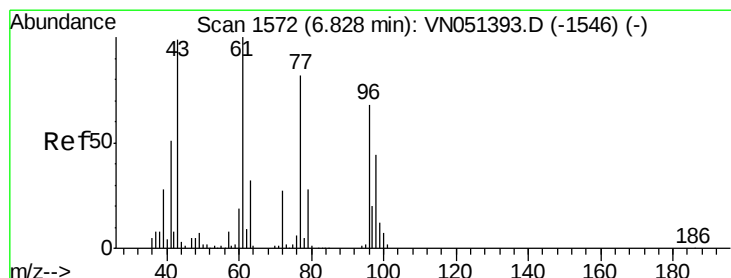
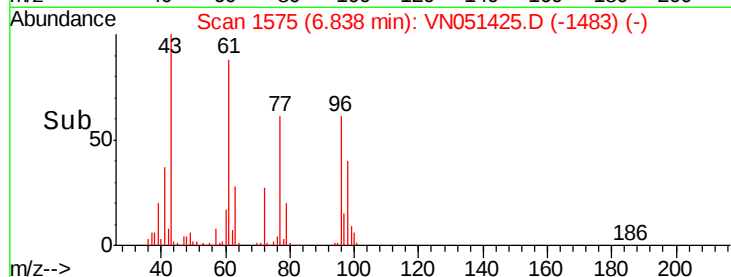
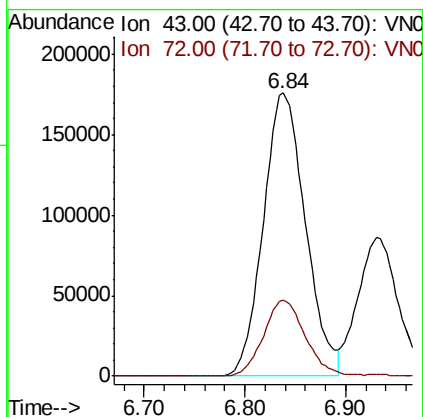
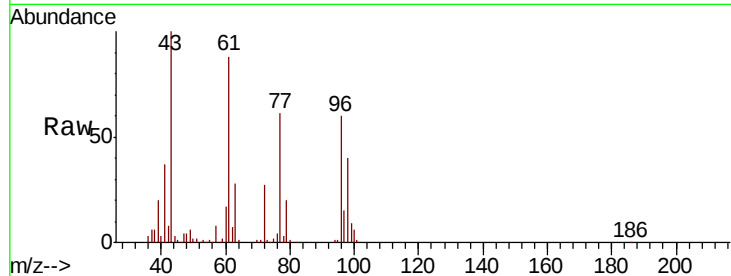
VSTDCCC050

Tgt Ion: 43 Resp: 509299

Ion Ratio Lower Upper

43 100

72 26.8 21.8 32.6



#26

2,2-Dichloropropane

Concen: 44.591 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051425.D

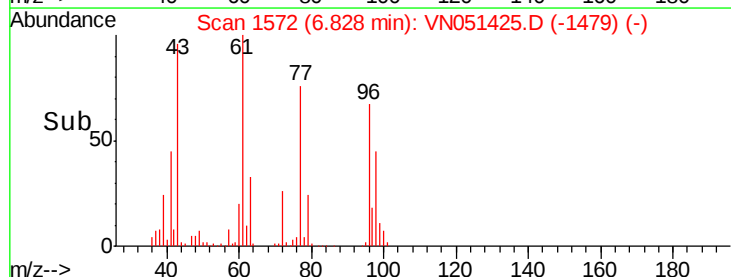
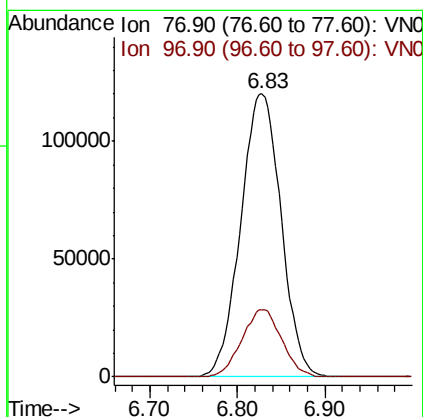
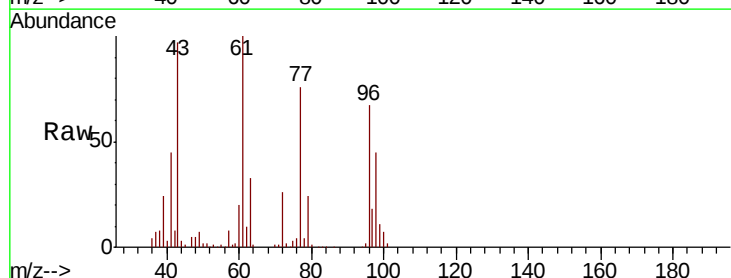
Acq: 23 Sep 2018 20:30

Tgt Ion: 77 Resp: 384722

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5

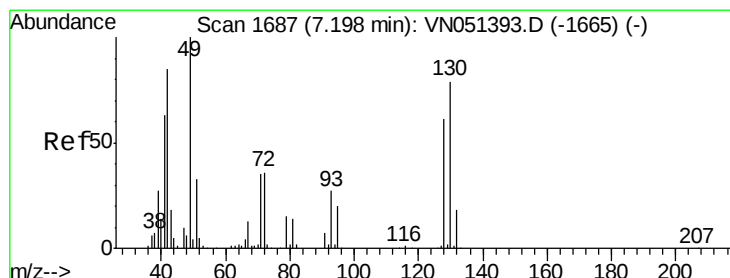
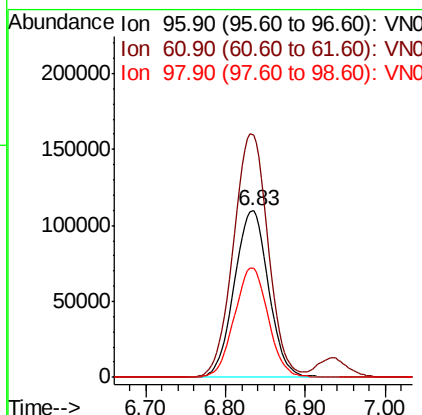
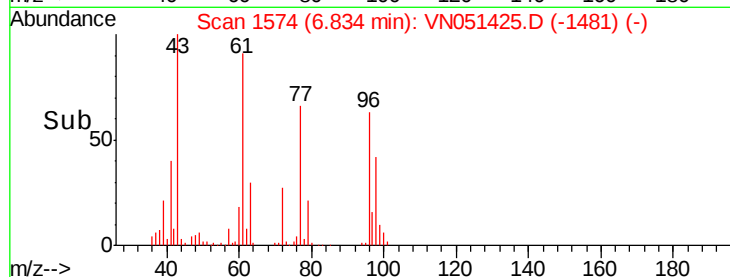
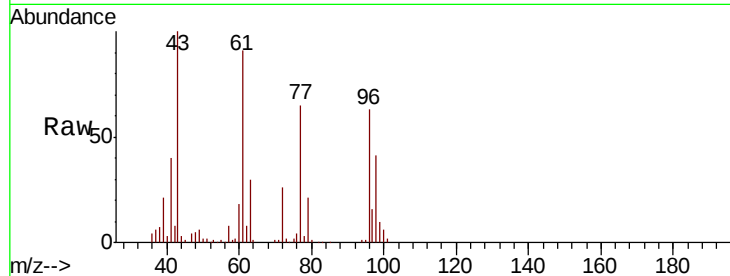




#27
 cis-1,2-Dichloroethene
 Concen: 49.658 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

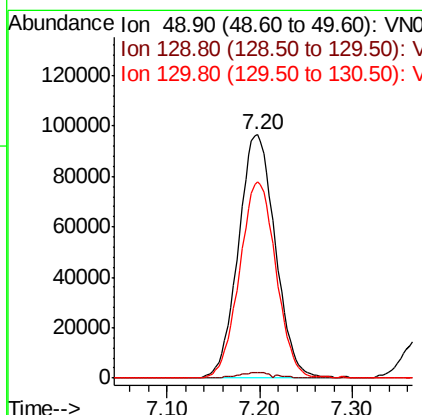
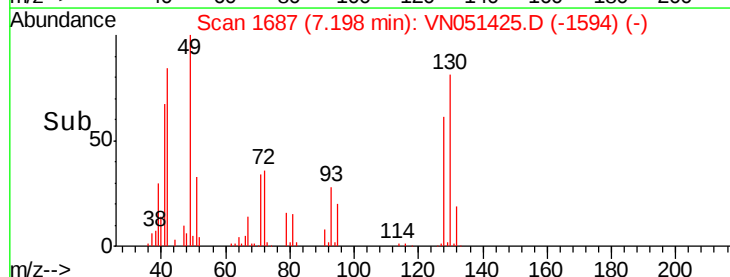
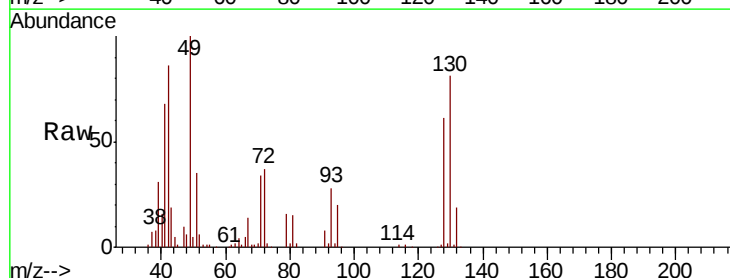
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

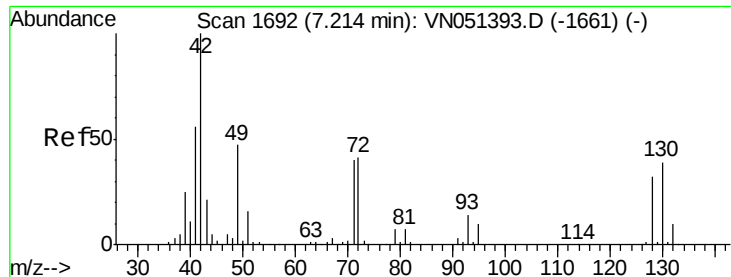
Tgt Ion: 96 Resp: 318384
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 291.4
 98 64.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 52.321 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 49 Resp: 267052
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 79.5 63.0 94.4

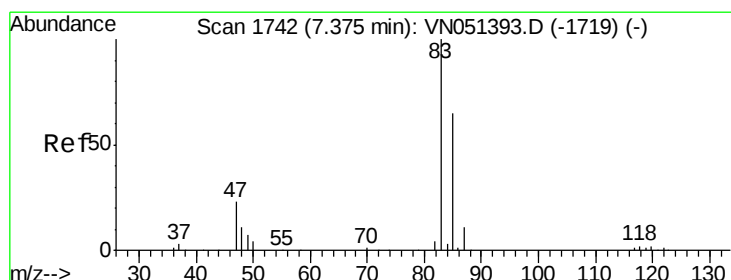
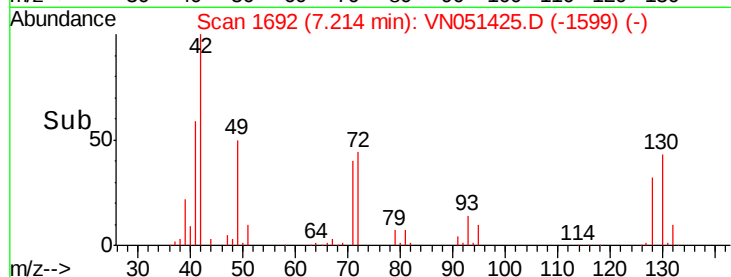
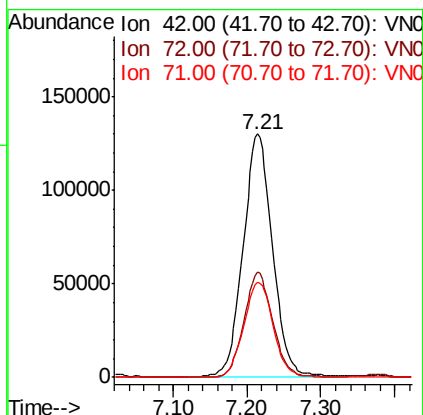
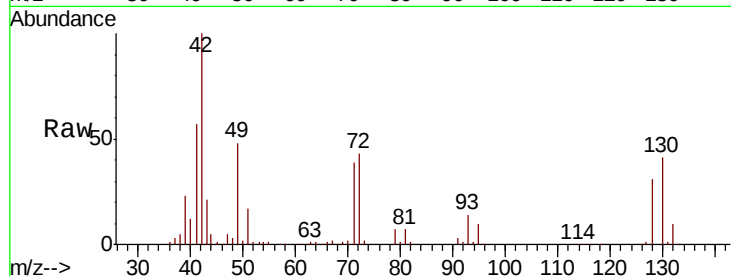




#29
Tetrahydrofuran
Concen: 259.291 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

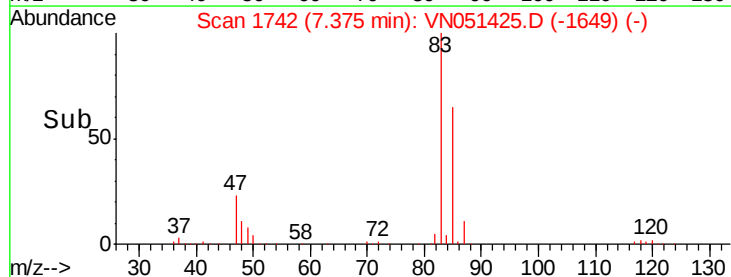
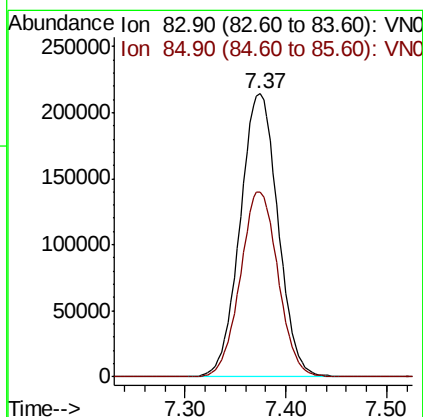
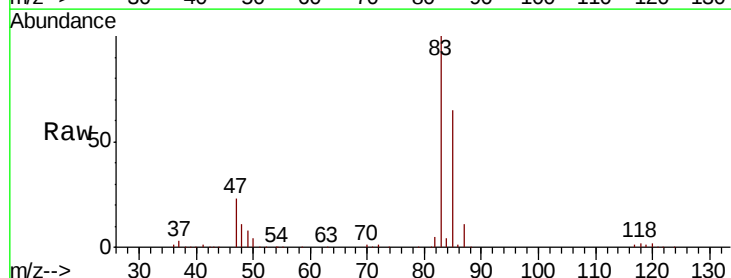
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

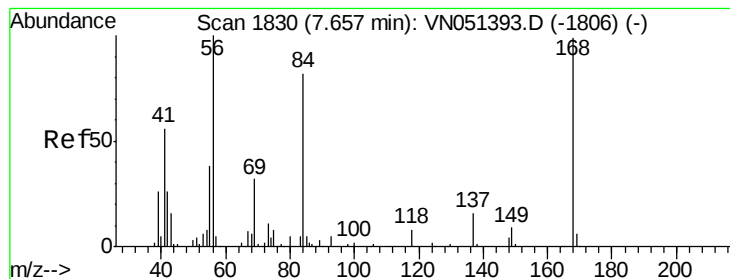
Tgt Ion: 42 Resp: 361690
Ion Ratio Lower Upper
42 100
72 42.3 34.3 51.5
71 39.2 32.2 48.4



#30
Chloroform
Concen: 50.951 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 83 Resp: 558018
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6





#31

Cyclohexane

Concen: 48.683 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

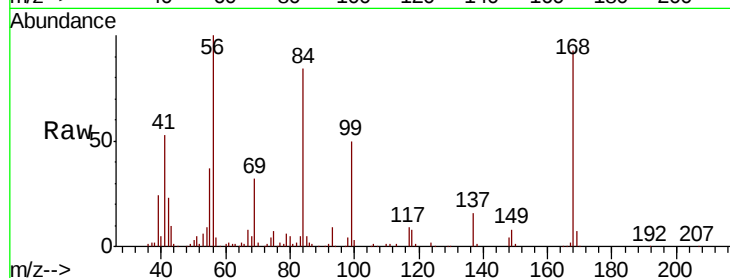
Tgt Ion: 56 Resp: 492994

Ion Ratio Lower Upper

56 100

69 31.7 25.8 38.6

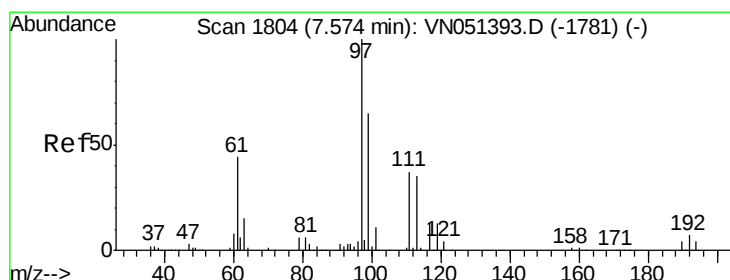
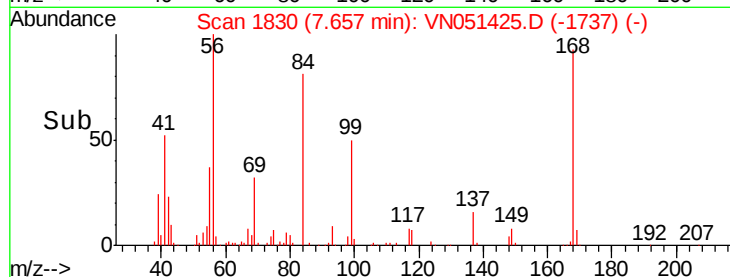
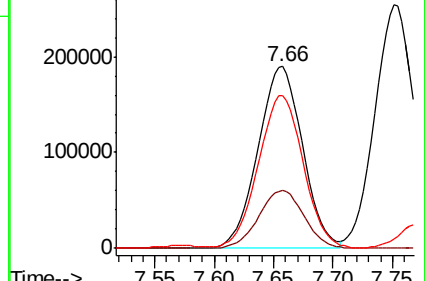
84 82.9 66.0 99.0



Abundance Ion 56.00 (55.70 to 56.70): VN051425.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN051425.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN051425.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 51.419 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

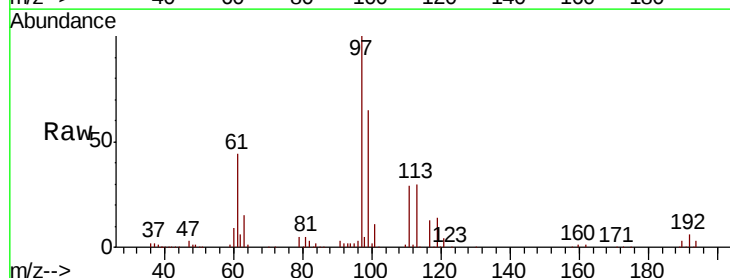
Tgt Ion: 97 Resp: 481423

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

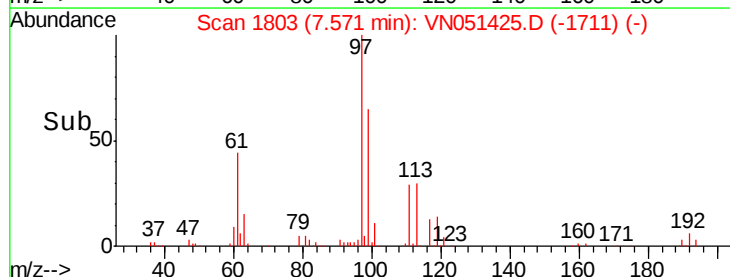
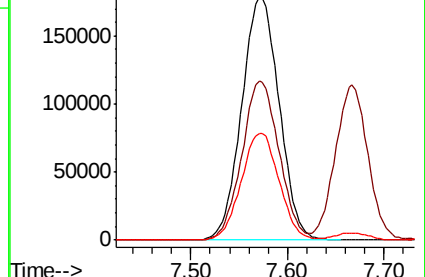
61 44.4 35.8 53.8

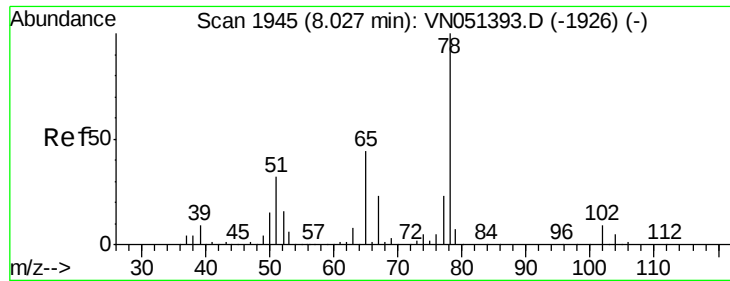


Abundance Ion 96.90 (96.60 to 97.60): VN051425.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN051425.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN051425.D (-1711) (-)

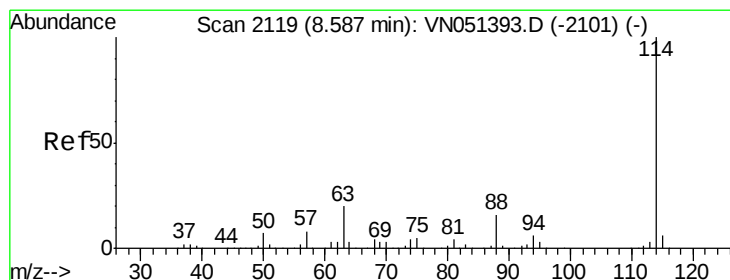
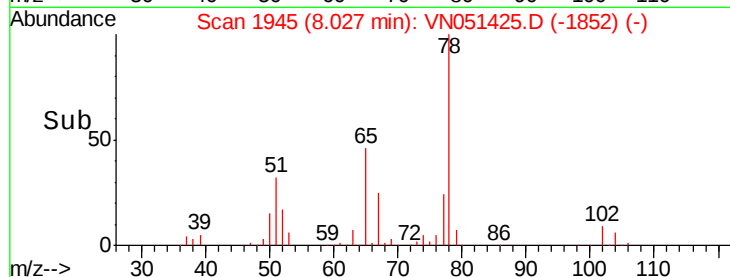
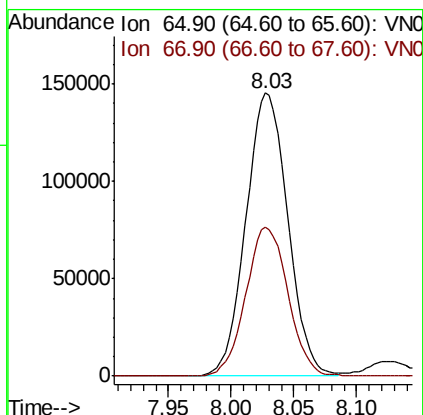
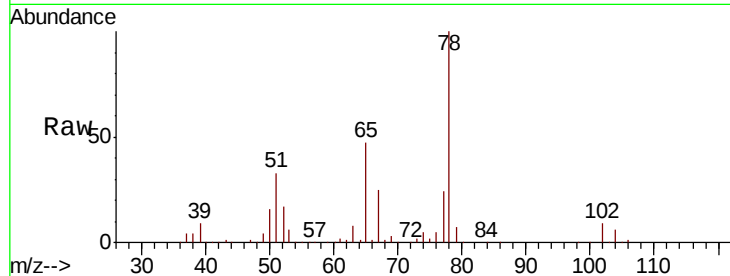




#33
 1,2-Dichloroethane-d4
 Concen: 52.659 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

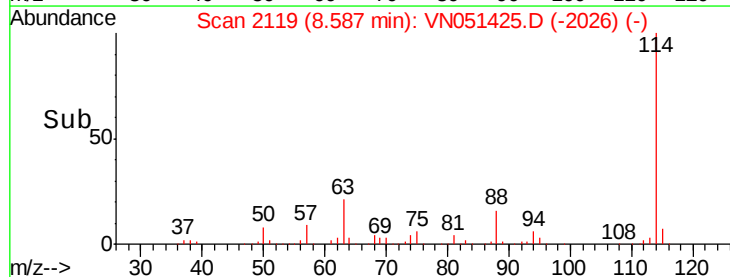
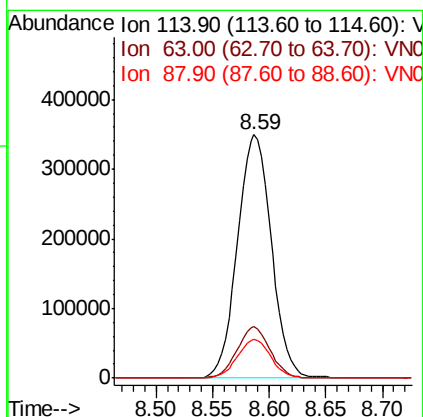
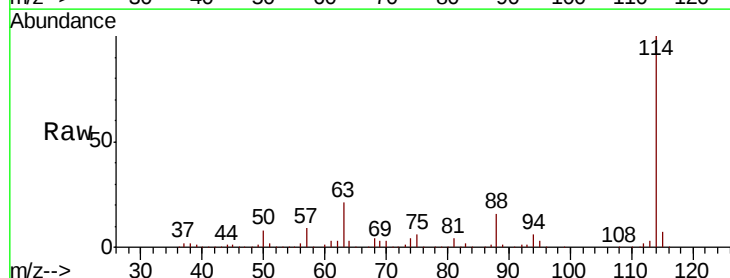
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

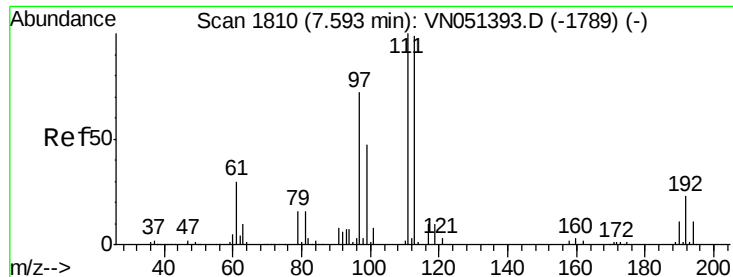
Tgt Ion: 65 Resp: 338656
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 114 Resp: 729736
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 15.7 0.0 31.4

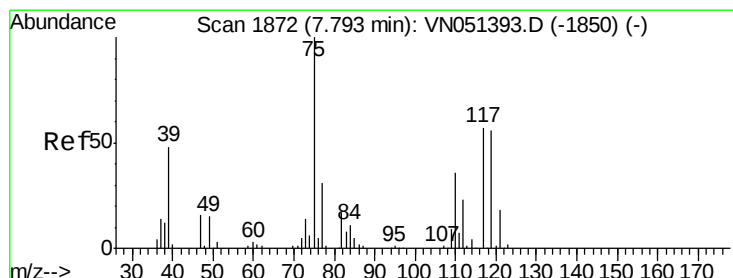
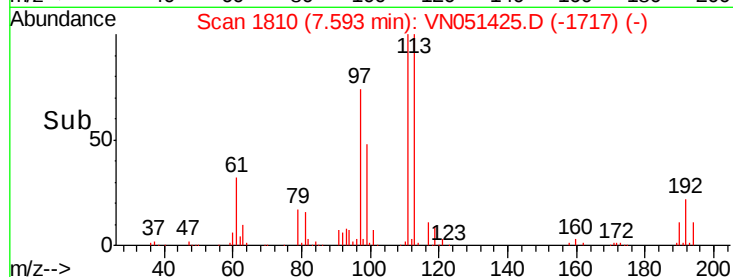
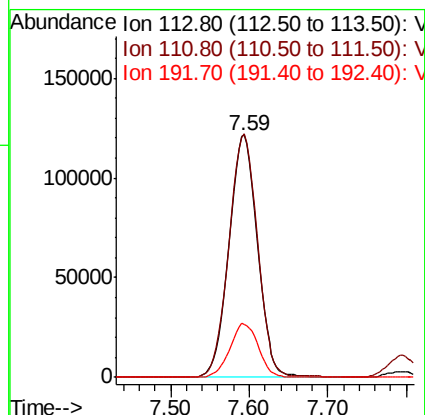
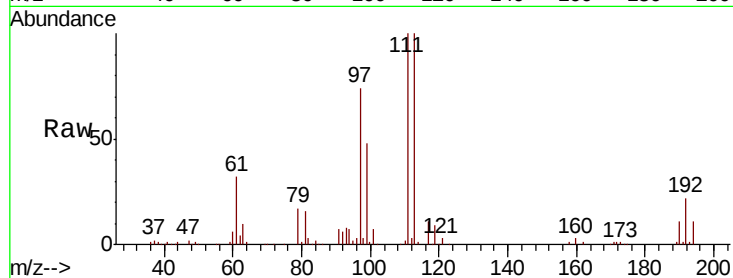




#35
Dibromofluoromethane
Concen: 52.159 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

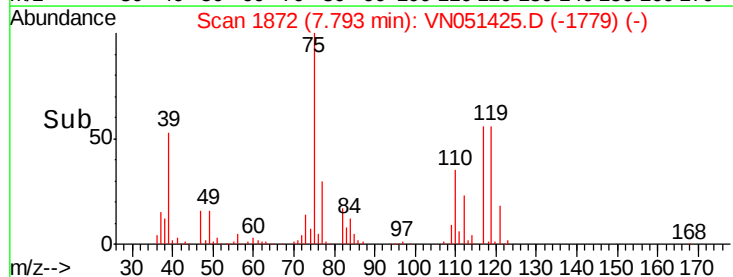
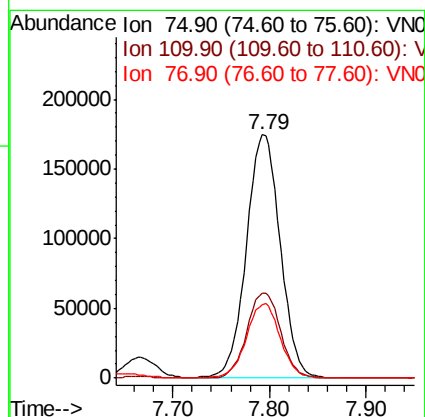
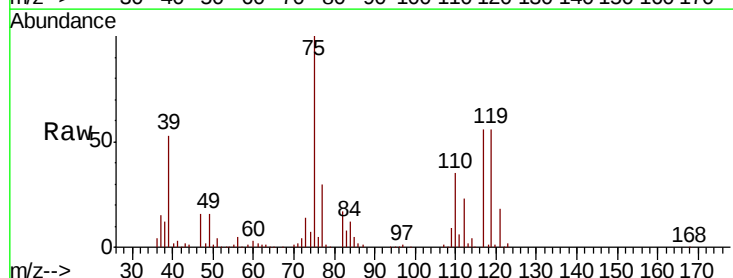
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

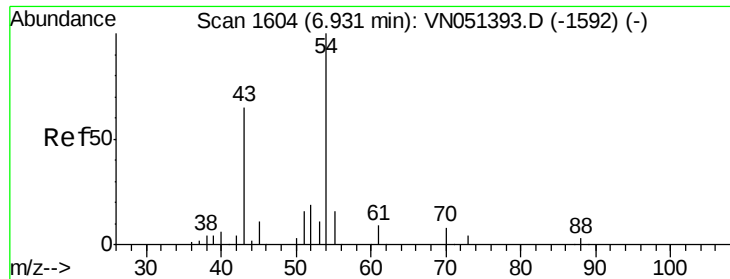
Tgt Ion:113 Resp: 304365
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 22.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 50.046 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 75 Resp: 422914
Ion Ratio Lower Upper
75 100
110 34.9 18.1 54.3
77 31.0 25.6 38.4

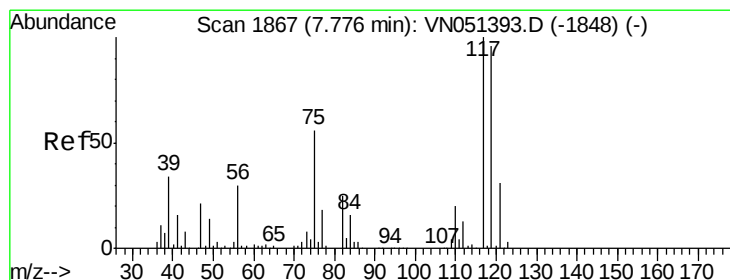
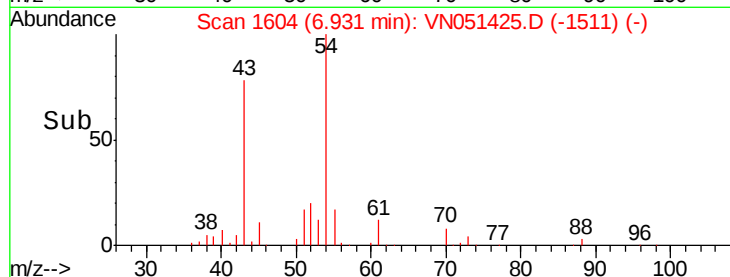
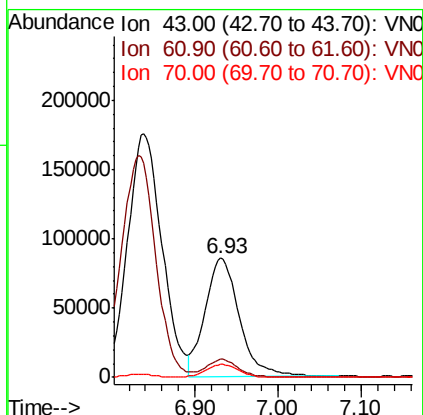
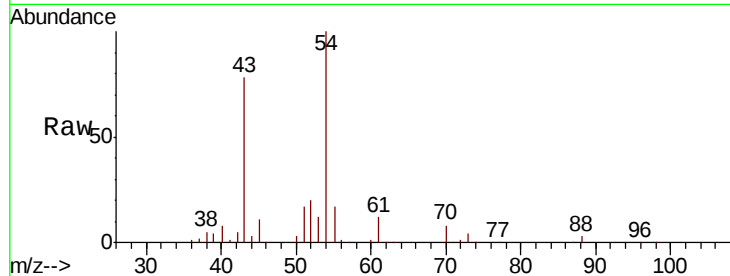




#37
Ethyl Acetate
Concen: 50.769 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

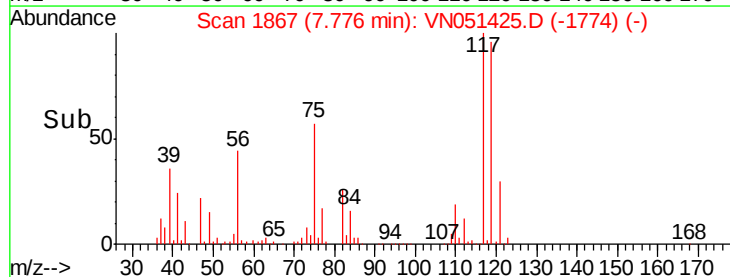
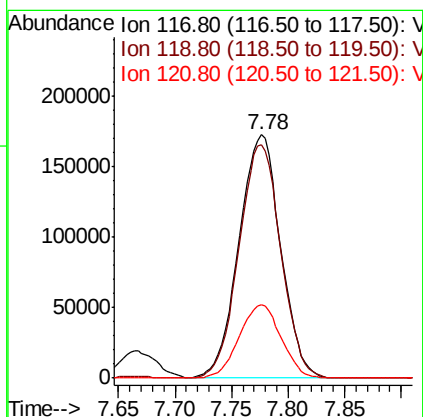
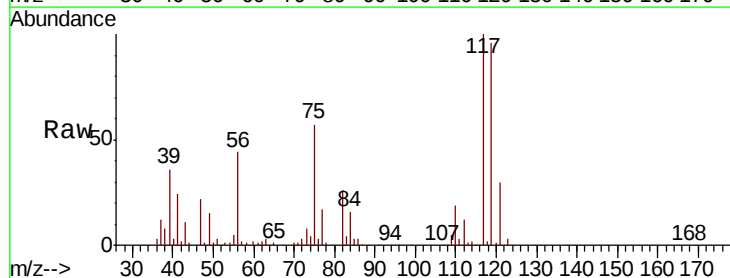
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

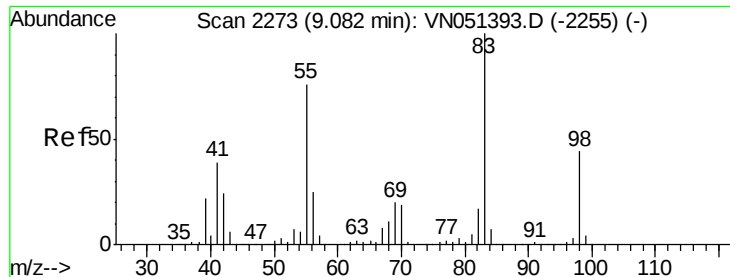
Tgt Ion: 43 Resp: 246672
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 10.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.687 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 117 Resp: 439174
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.1 24.6 37.0

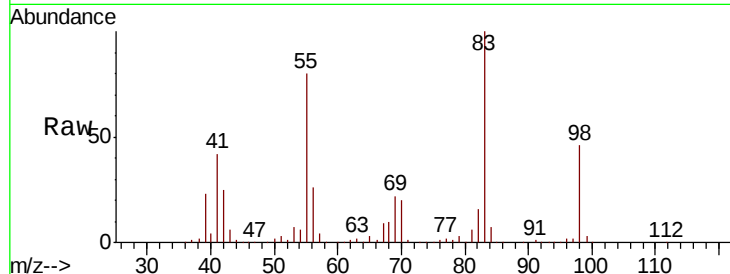




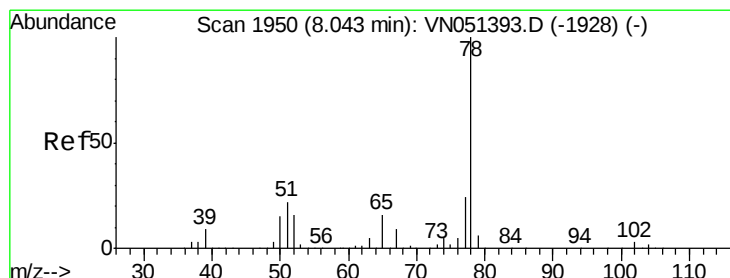
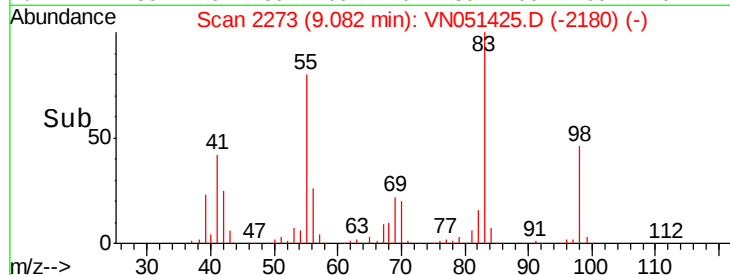
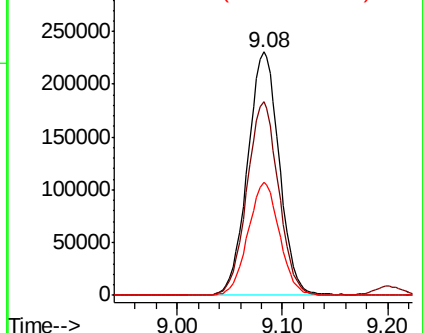
#39
Methylcyclohexane
Concen: 48.855 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 482620
Ion Ratio Lower Upper
83 100
55 79.6 61.0 91.4
98 46.3 35.6 53.4

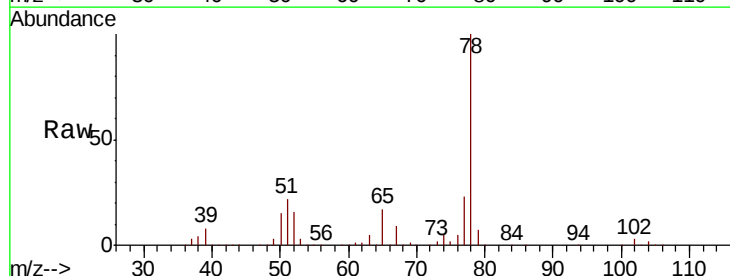


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

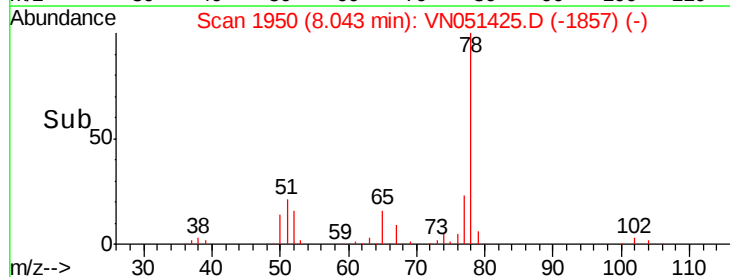
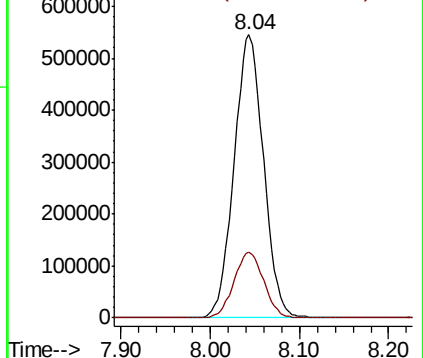


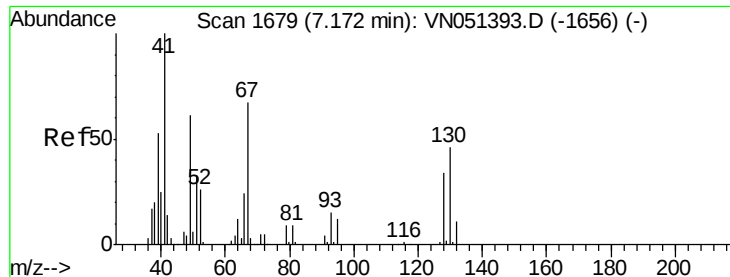
#40
Benzene
Concen: 50.329 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 78 Resp: 1248784
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8



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

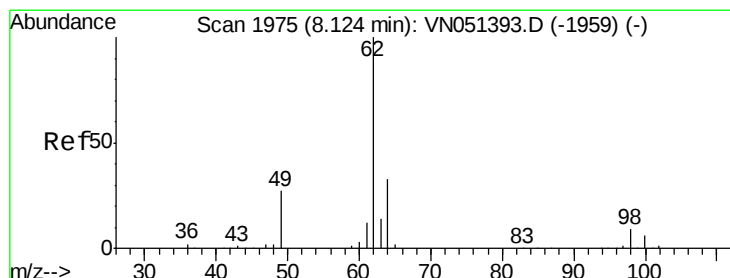
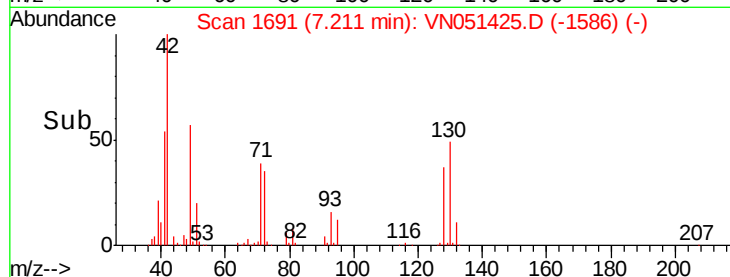
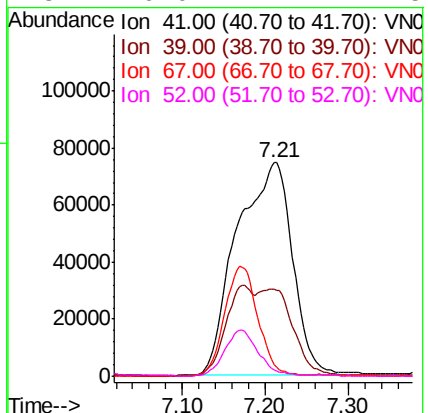
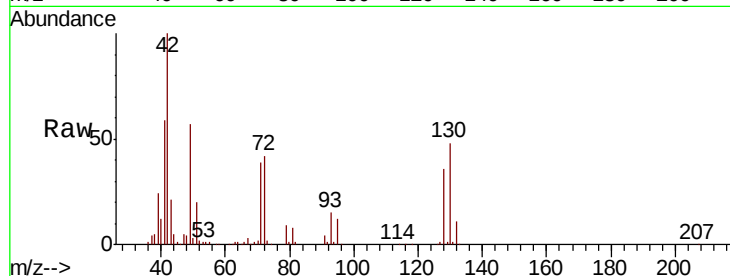




#41
Methacrylonitrile
Concen: 128.975 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

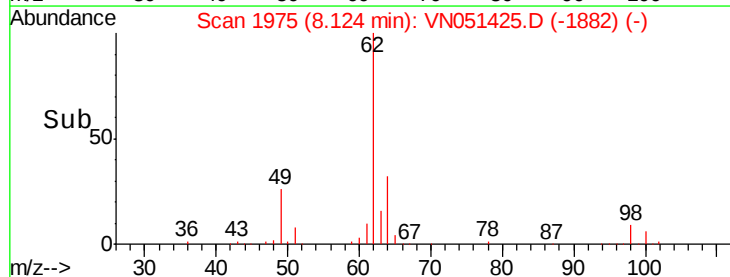
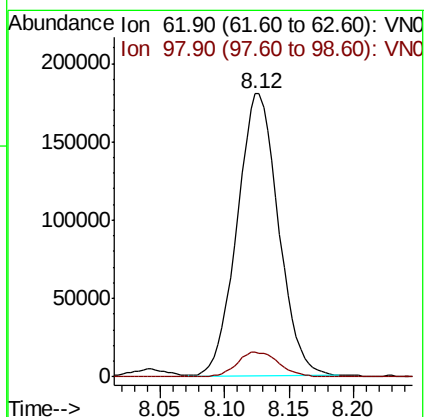
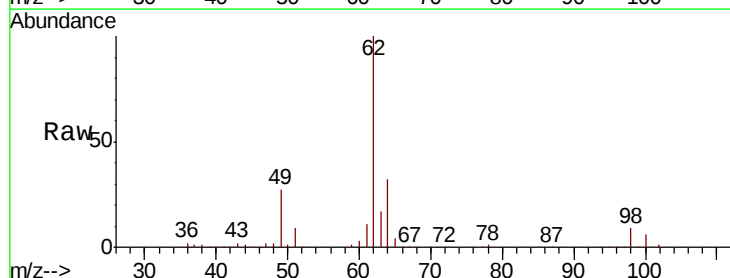
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

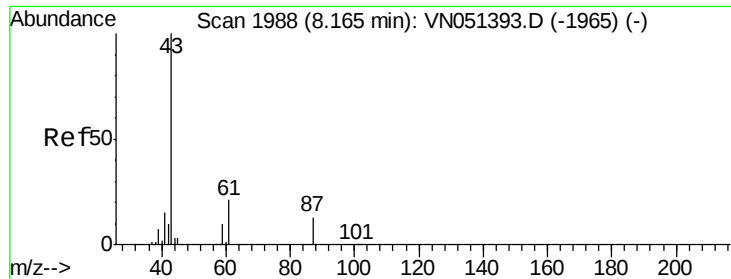
Tgt Ion: 41 Resp: 346691
Ion Ratio Lower Upper
41 100
39 0.0 51.4 77.2#
67 0.0 66.8 100.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 50.668 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 62 Resp: 402557
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.6





#43

Isopropyl Acetate

Concen: 51.125 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

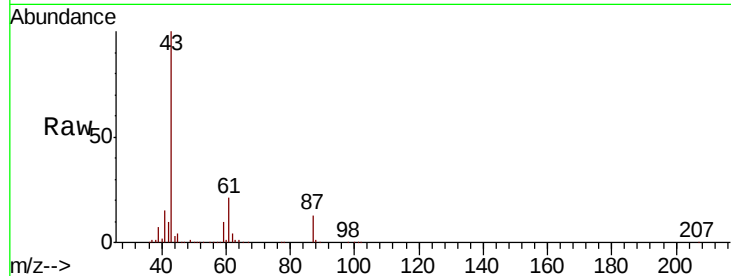
Tgt Ion: 43 Resp: 449173

Ion Ratio Lower Upper

43 100

61 29.0 16.8 25.2#

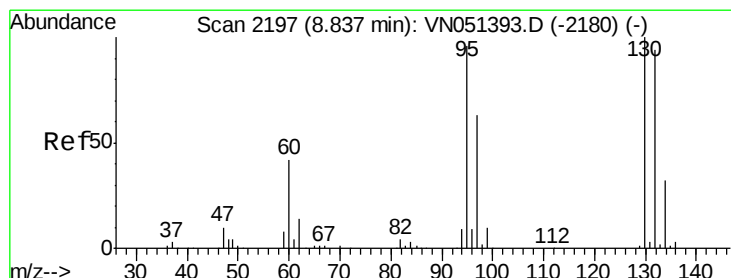
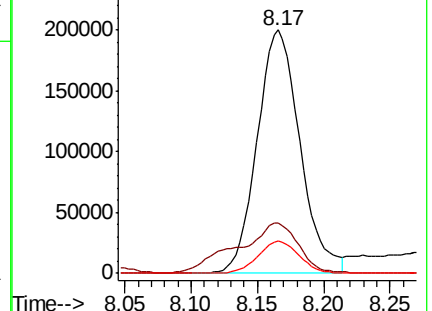
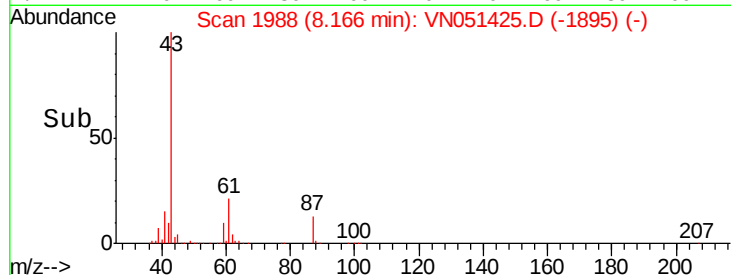
87 12.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 49.055 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051425.D

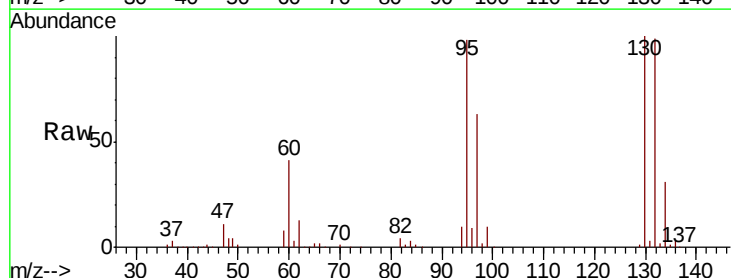
Acq: 23 Sep 2018 20:30

Tgt Ion: 130 Resp: 323295

Ion Ratio Lower Upper

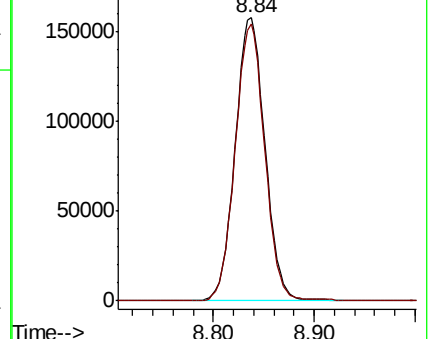
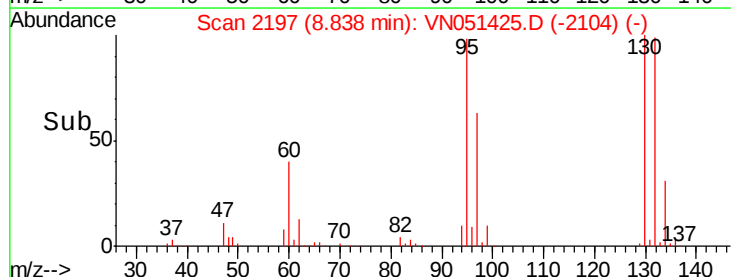
130 100

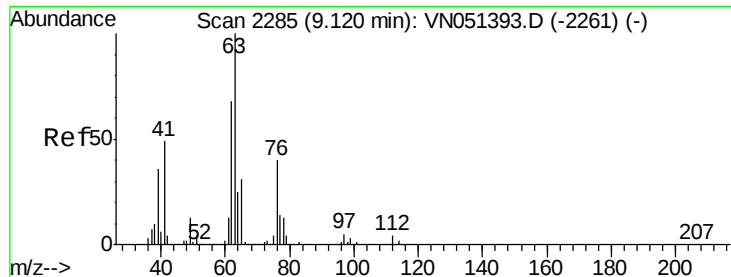
95 97.7 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 50.172 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

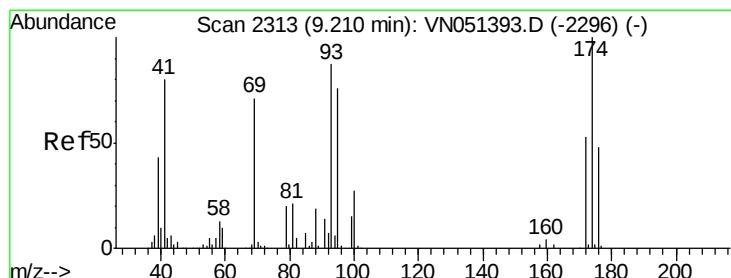
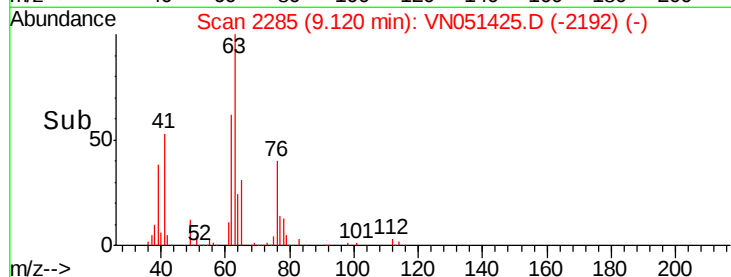
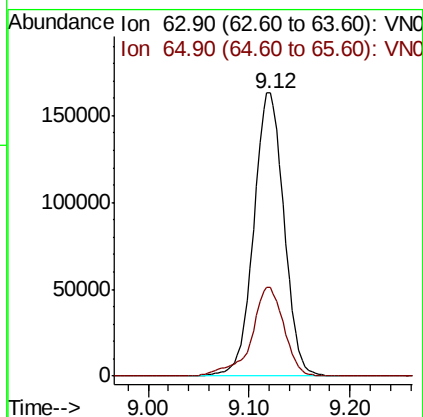
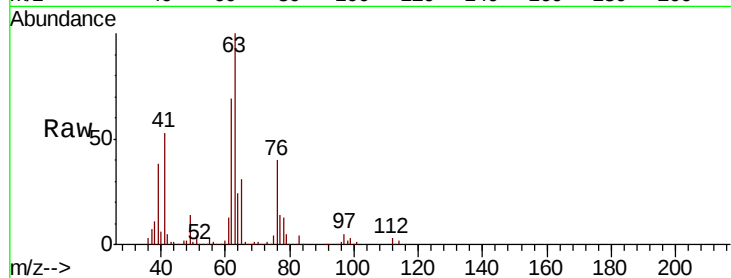
VSTDCCC050

Tgt Ion: 63 Resp: 338402

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 50.886 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

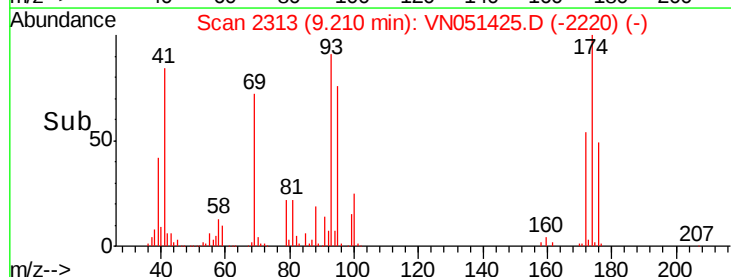
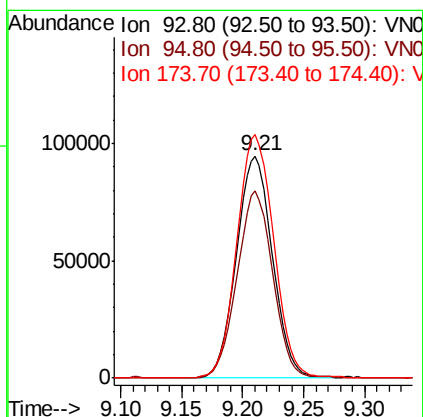
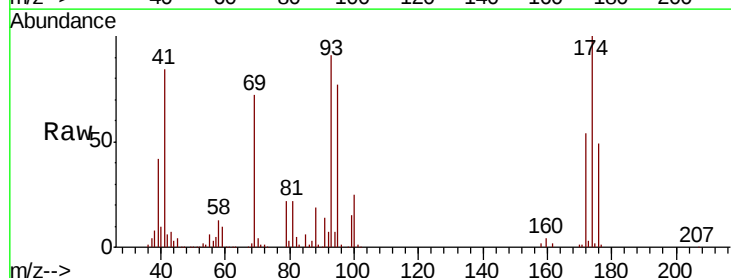
Tgt Ion: 93 Resp: 193924

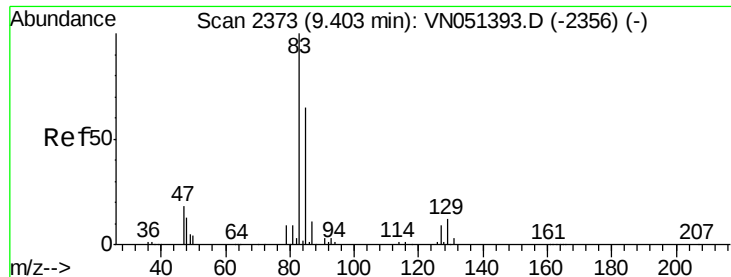
Ion Ratio Lower Upper

93 100

95 83.3 67.6 101.4

174 112.1 89.6 134.4

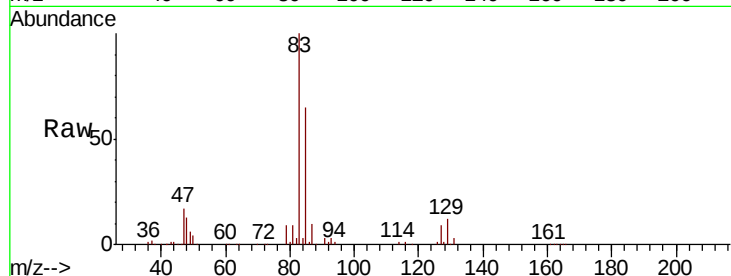




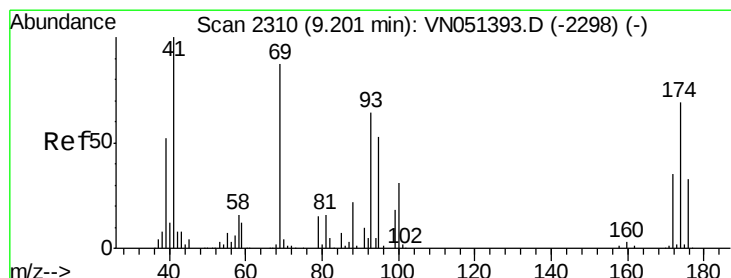
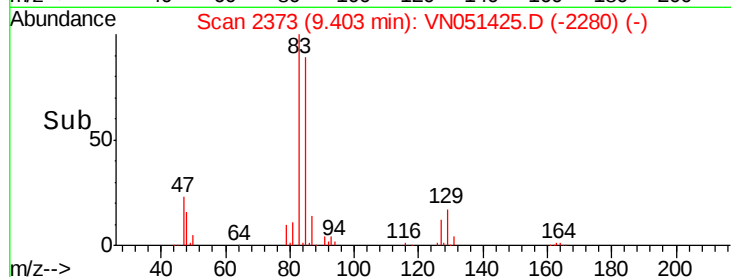
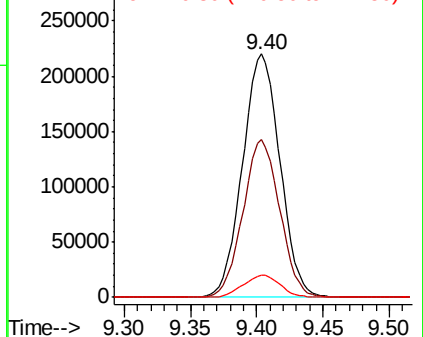
#47
 Bromodichloromethane
 Concen: 51.306 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 432689
 Ion Ratio Lower Upper
 83 100
 85 64.6 51.8 77.6
 127 9.0 7.4 11.2

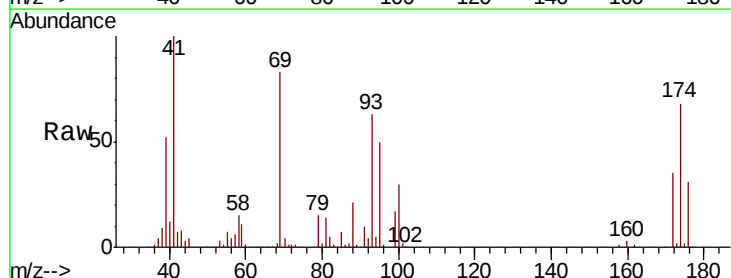


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

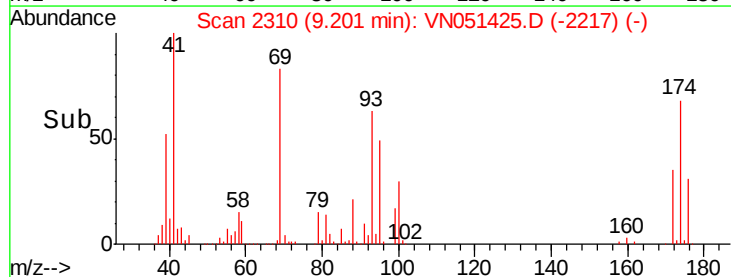
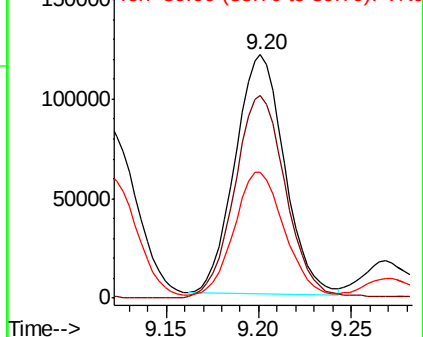


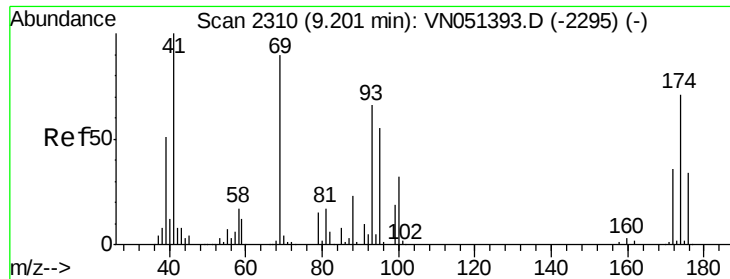
#48
 Methyl methacrylate
 Concen: 50.953 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 41 Resp: 223191
 Ion Ratio Lower Upper
 41 100
 69 87.4 70.4 105.6
 39 53.6 43.8 65.8



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





#49

1,4-Dioxane

Concen: 988.182 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

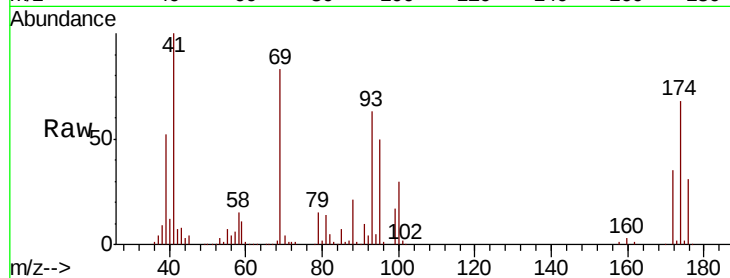
Tgt Ion: 88 Resp: 53049

Ion Ratio Lower Upper

88 100

43 35.6 25.9 38.9

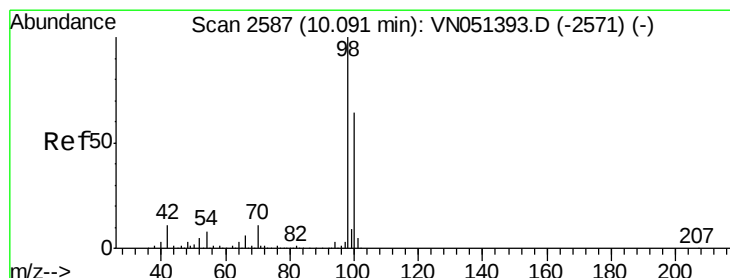
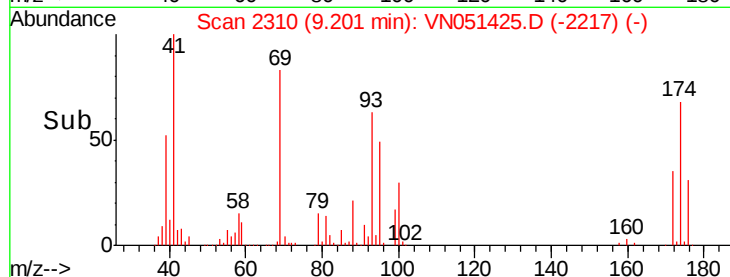
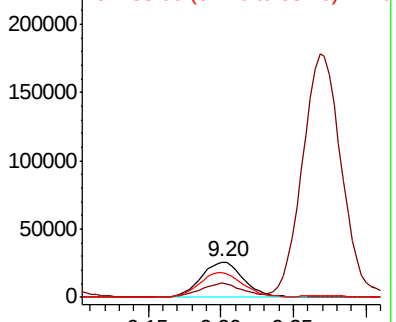
58 71.1 57.0 85.4



Abundance Ion 88.00 (87.70 to 88.70): VN051393.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN051393.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2295) (-)



#50

Toluene-d8

Concen: 51.722 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051425.D

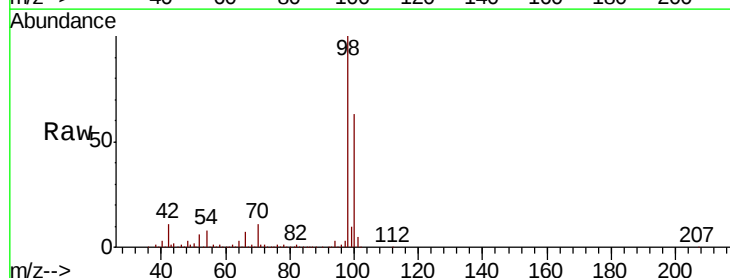
Acq: 23 Sep 2018 20:30

Tgt Ion: 98 Resp: 1136525

Ion Ratio Lower Upper

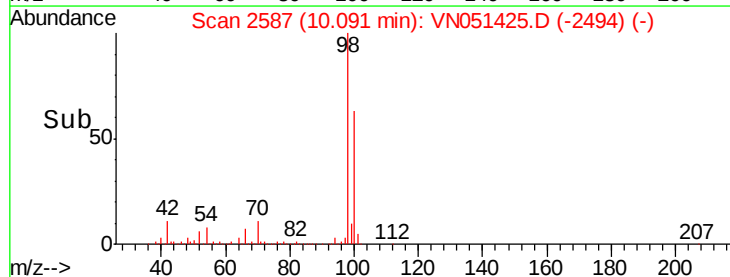
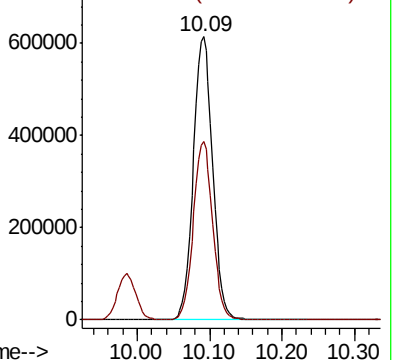
98 100

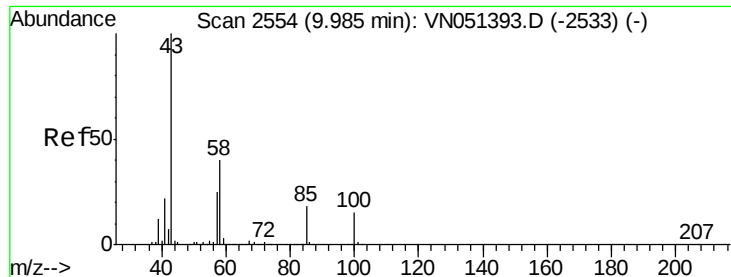
100 62.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

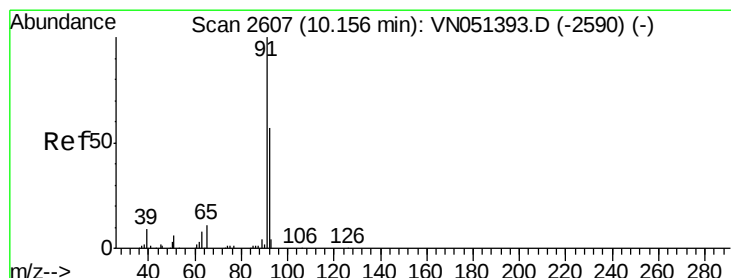
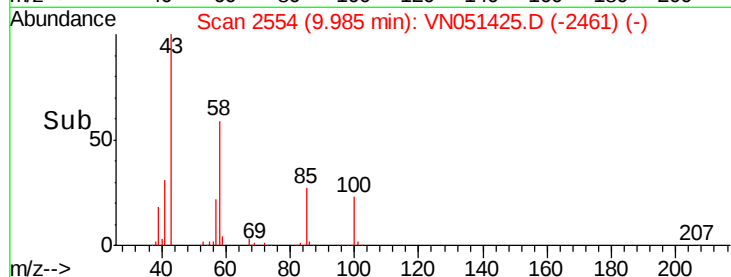
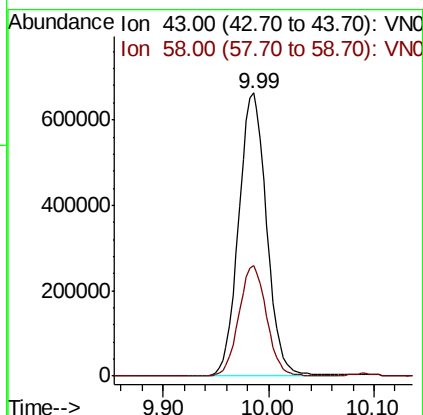
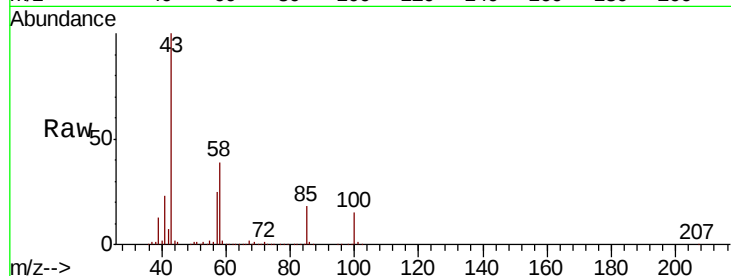




#51
 4-Methyl-2-Pentanone
 Concen: 251.631 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

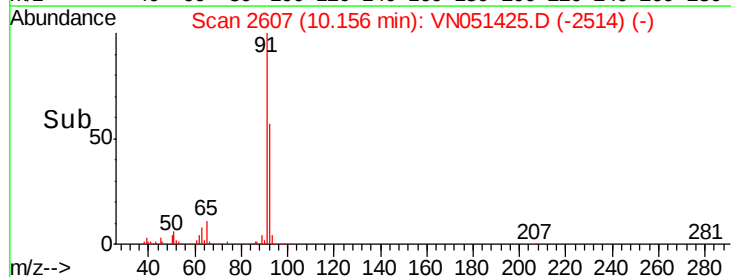
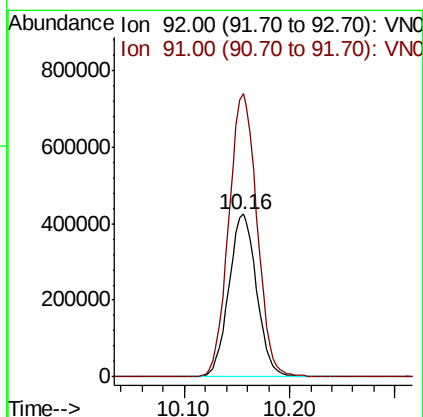
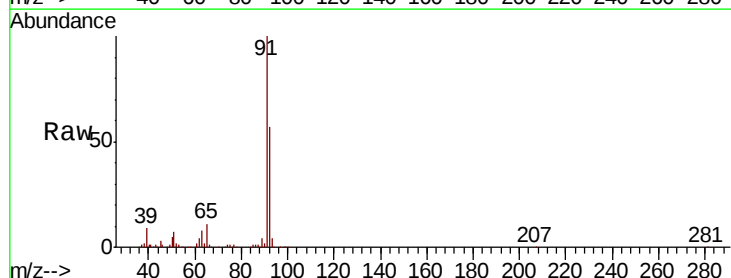
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

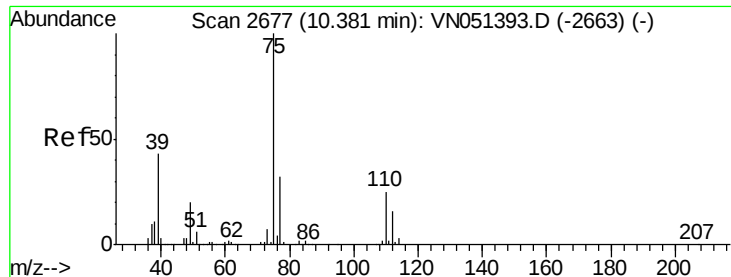
Tgt Ion: 43 Resp: 1215856
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.5 47.3



#52
 Toluene
 Concen: 50.131 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 92 Resp: 773028
 Ion Ratio Lower Upper
 92 100
 91 177.0 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 49.235 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

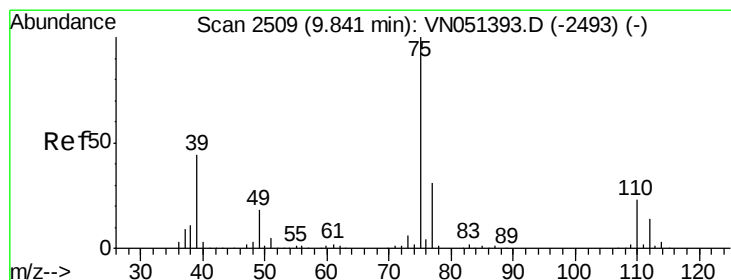
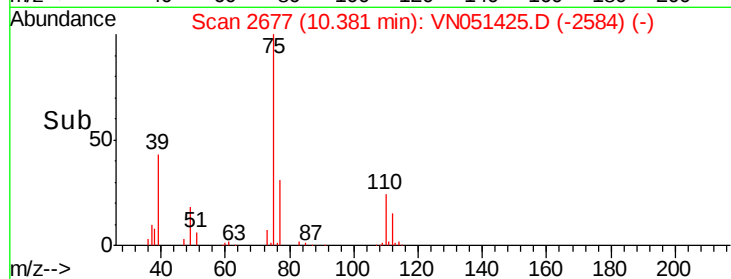
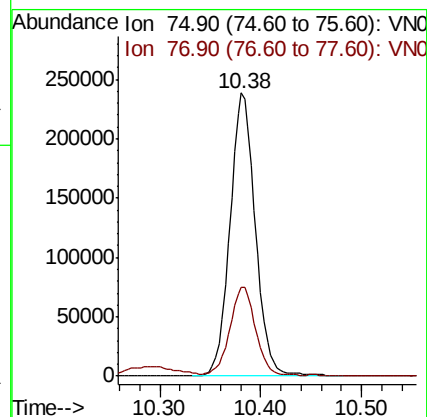
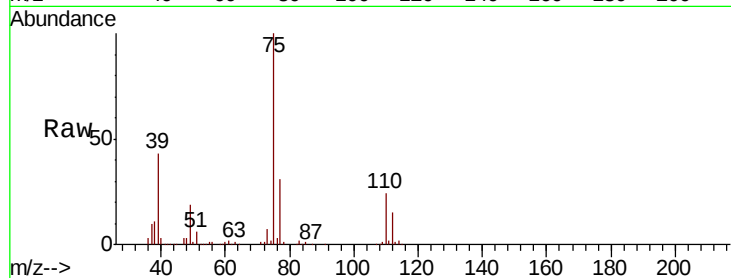
VSTDCCC050

Tgt Ion: 75 Resp: 419207

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 49.361 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

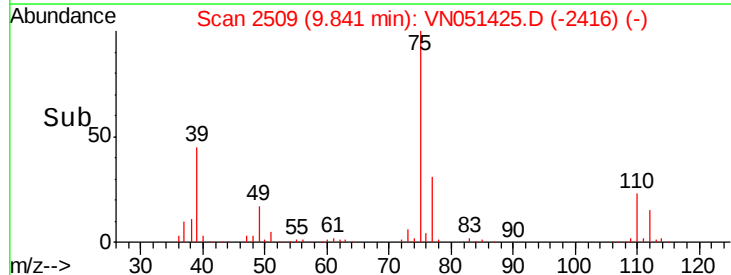
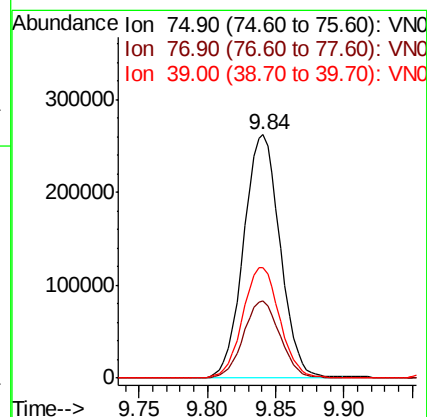
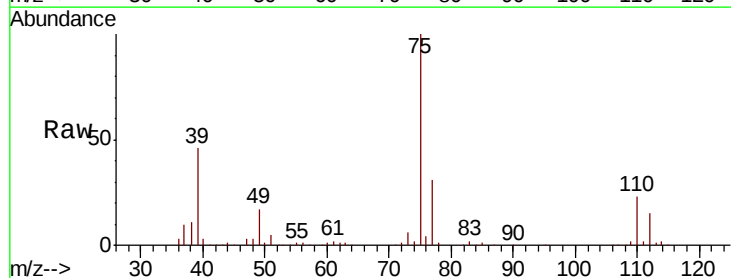
Tgt Ion: 75 Resp: 487390

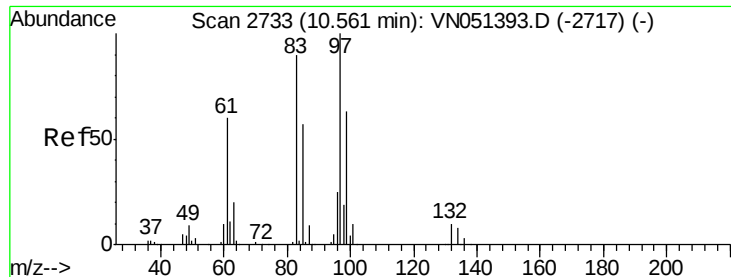
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 45.4 35.4 53.2

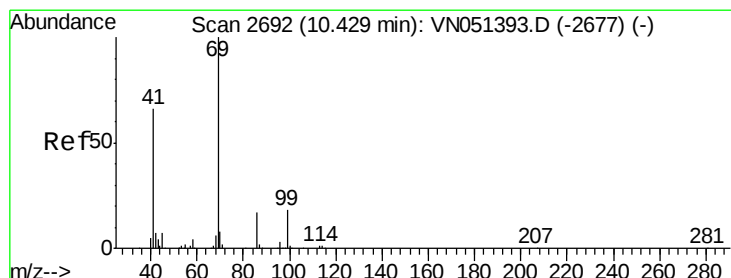
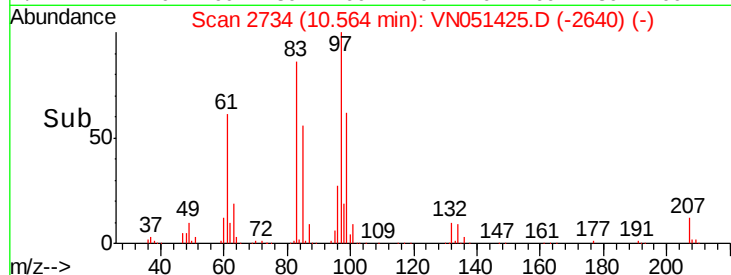
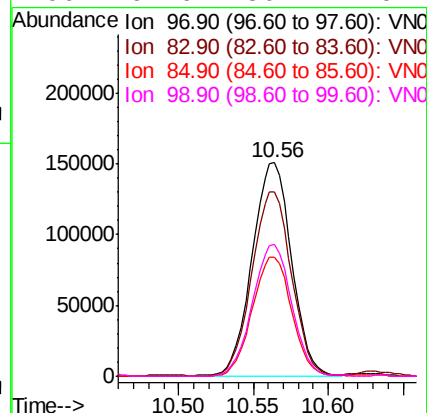
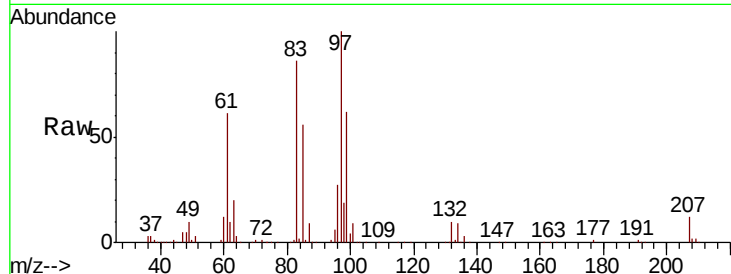




#55
 1,1,2-Trichloroethane
 Concen: 50.897 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

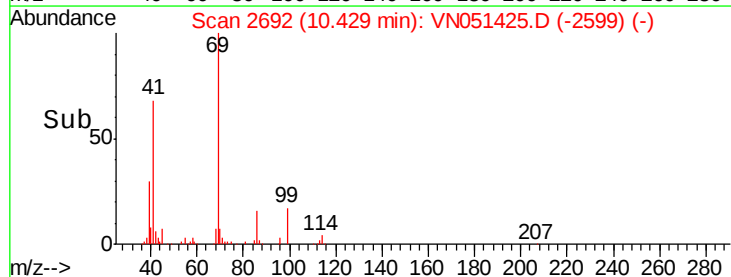
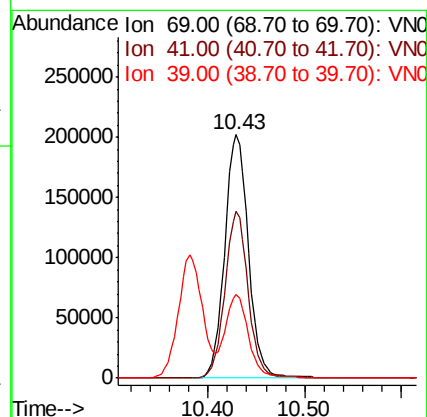
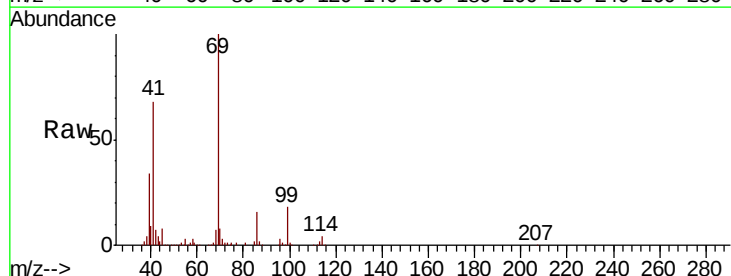
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

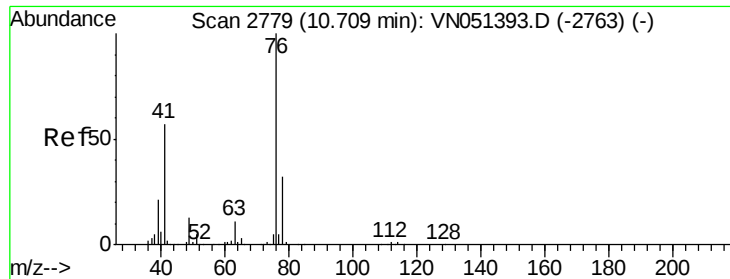
Tgt Ion: 97 Resp: 277368
 Ion Ratio Lower Upper
 97 100
 83 86.4 72.0 108.0
 85 55.8 45.2 67.8
 99 61.6 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 51.666 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 69 Resp: 344247
 Ion Ratio Lower Upper
 69 100
 41 65.9 52.4 78.6
 39 34.0 26.3 39.5

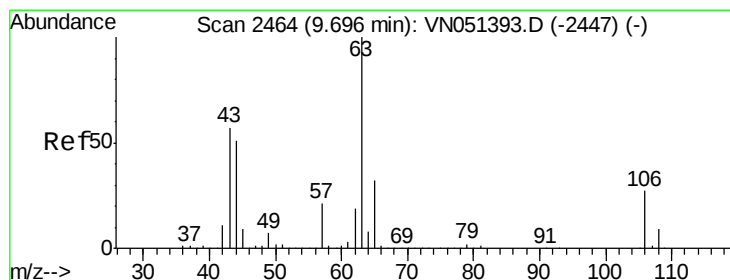
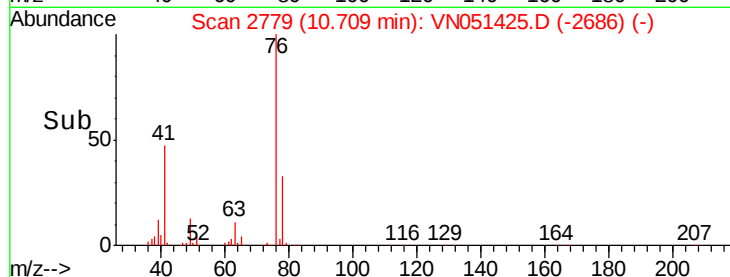
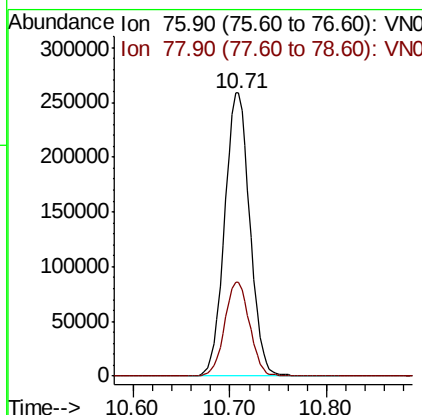
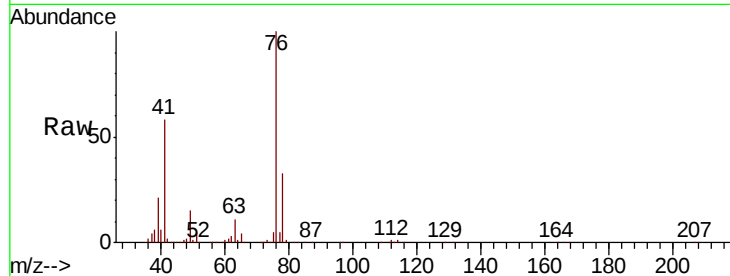




#57
 1,3-Dichloropropane
 Concen: 50.156 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

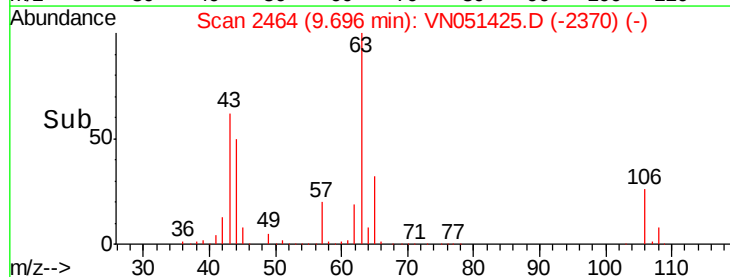
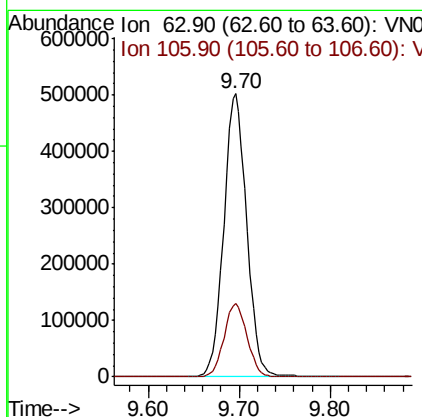
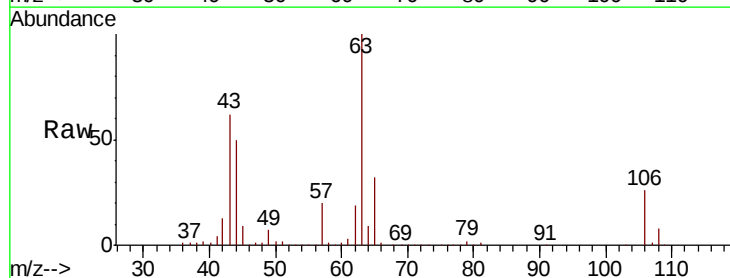
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

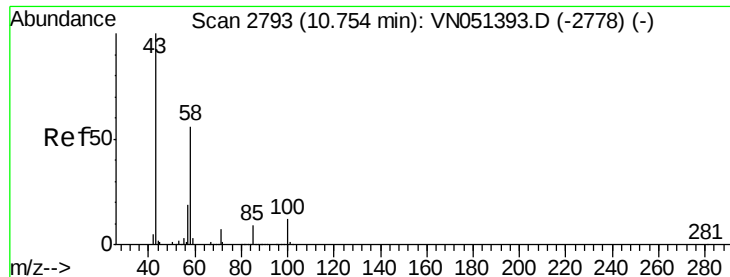
Tgt Ion: 76 Resp: 468491
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.920 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion: 63 Resp: 877590
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.4 32.2

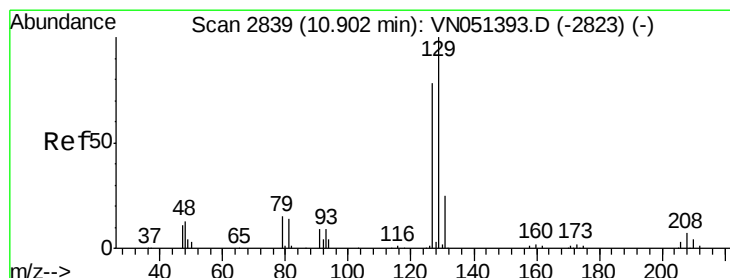
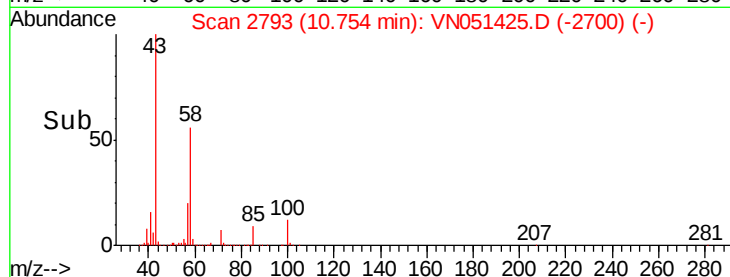
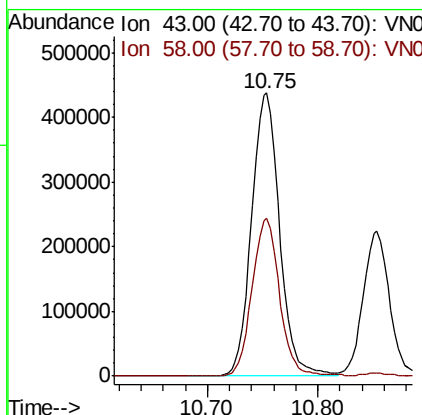
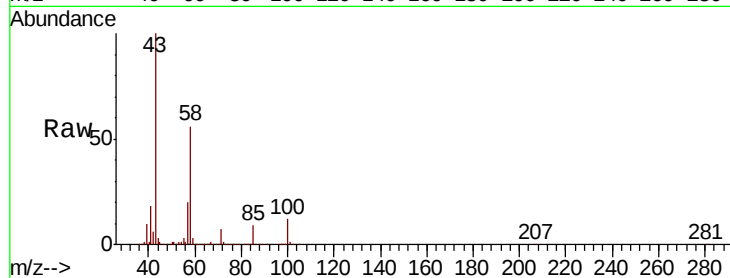




#59
2-Hexanone
Concen: 245.426 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

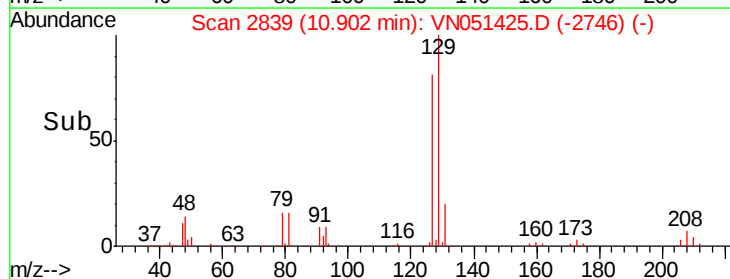
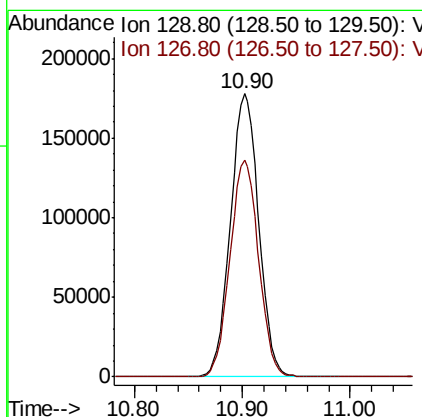
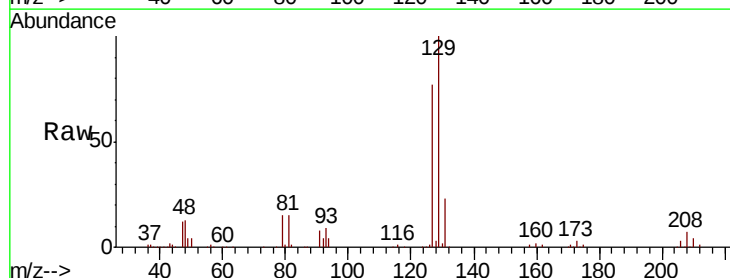
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

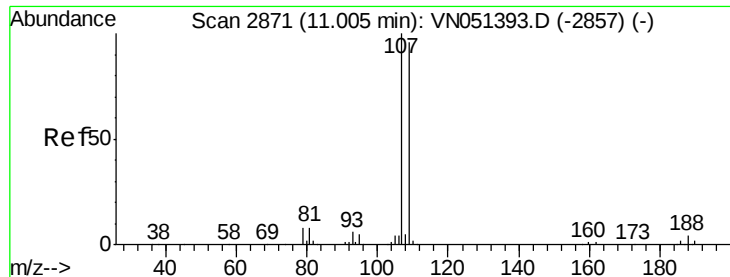
Tgt Ion: 43 Resp: 768757
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.0



#60
Dibromochloromethane
Concen: 50.531 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 129 Resp: 324912
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.074 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

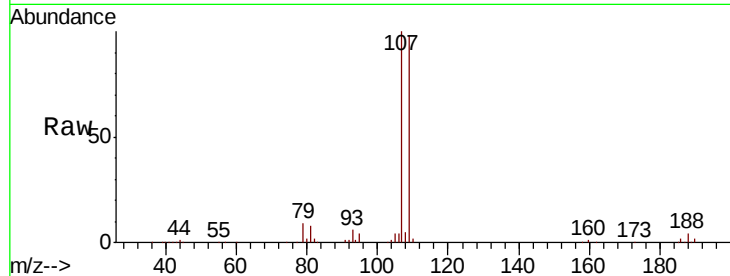
VSTDCCC050

Tgt Ion: 107 Resp: 264906

Ion Ratio Lower Upper

107 100

109 94.6 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

150000

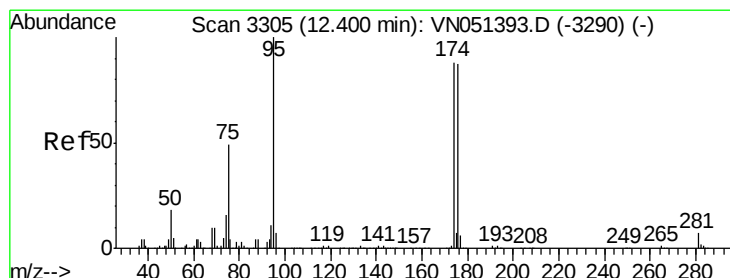
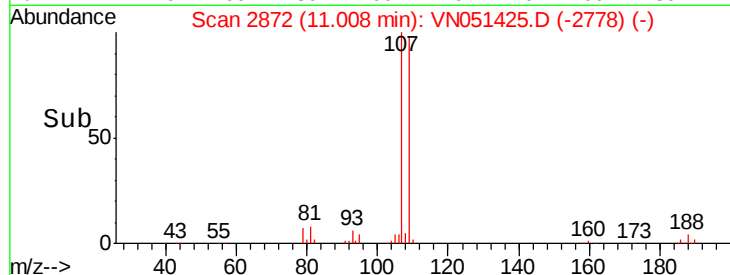
100000

50000

0

Time-->

10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 52.231 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

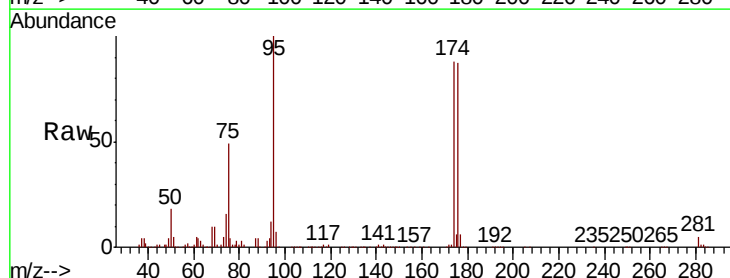
Tgt Ion: 95 Resp: 371284

Ion Ratio Lower Upper

95 100

174 89.4 0.0 181.6

176 86.7 0.0 176.4



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

250000

200000

150000

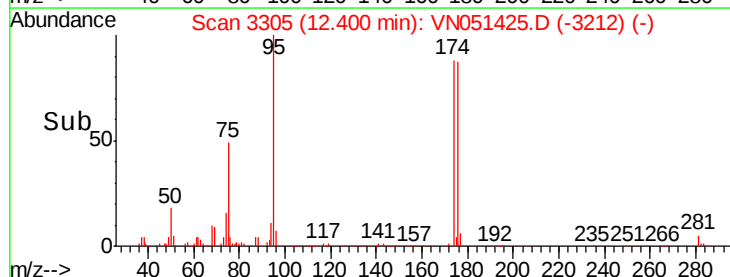
100000

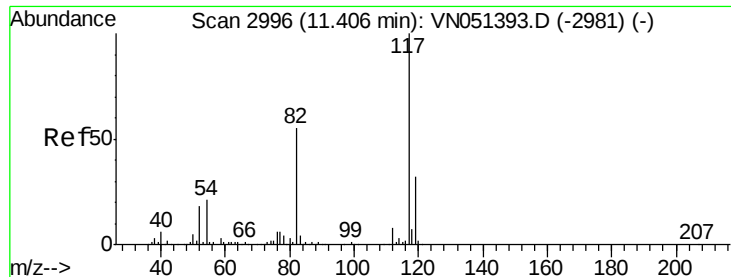
50000

0

Time-->

12.35 12.40 12.45

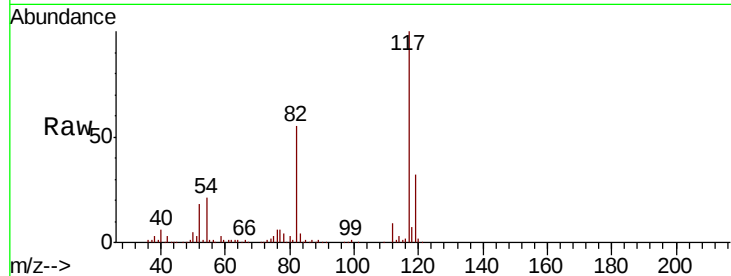




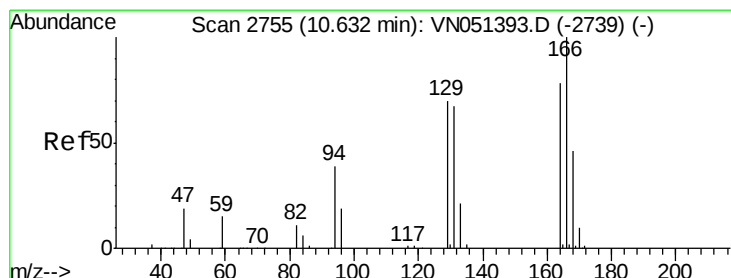
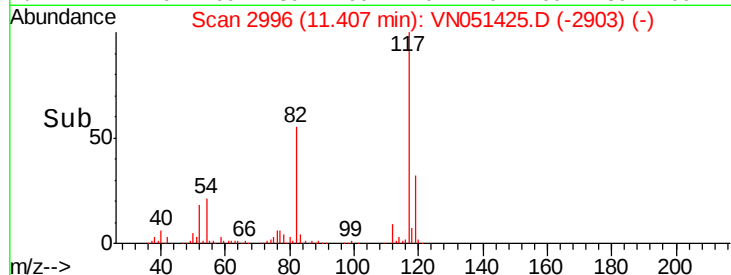
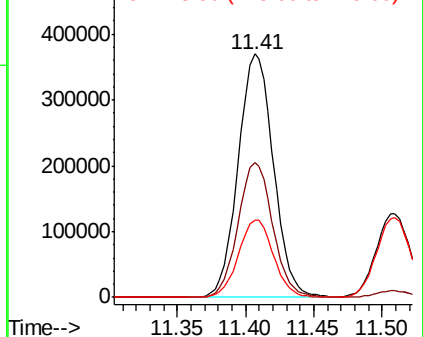
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 665344
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.0 25.9 38.9

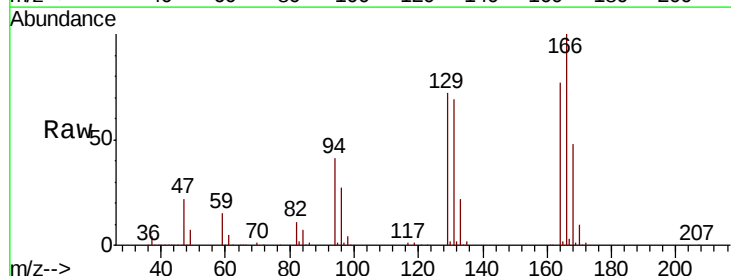


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

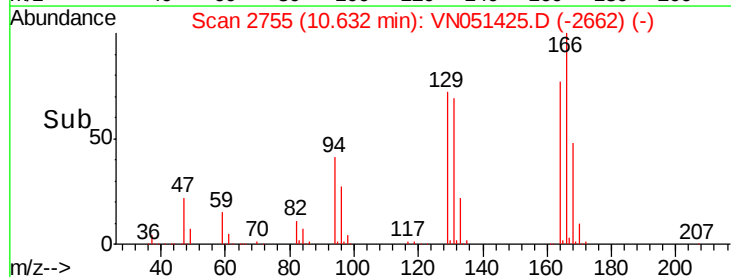
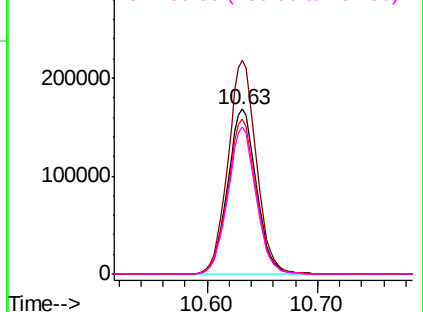


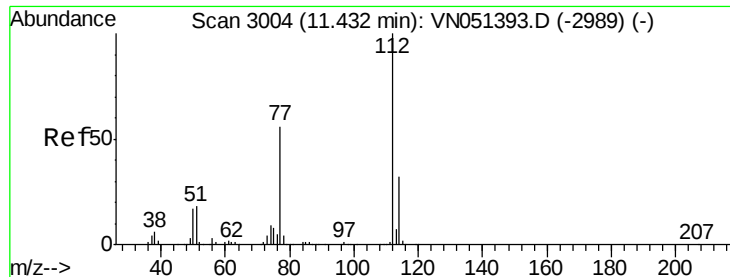
#64
Tetrachloroethene
Concen: 50.214 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion:164 Resp: 303211
Ion Ratio Lower Upper
164 100
166 129.4 102.3 153.5
129 93.5 71.8 107.8
131 88.8 68.6 102.8



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

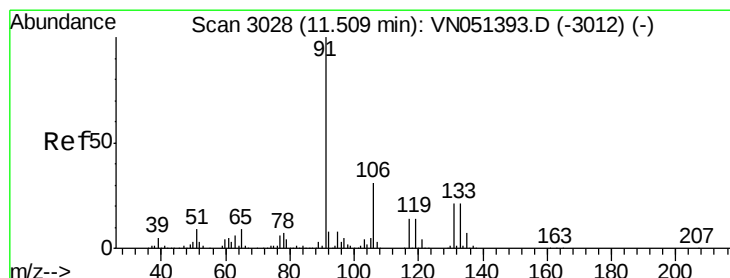
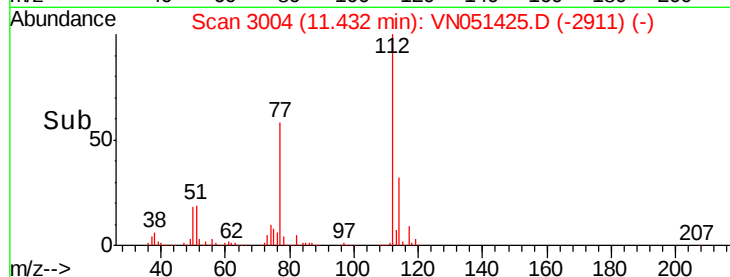
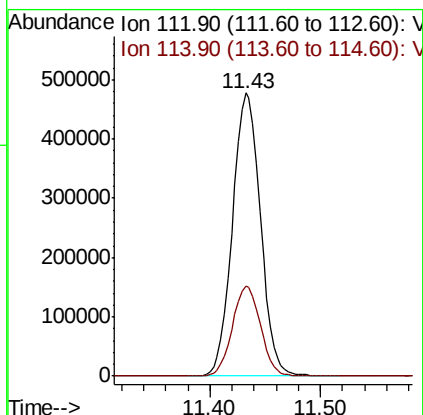
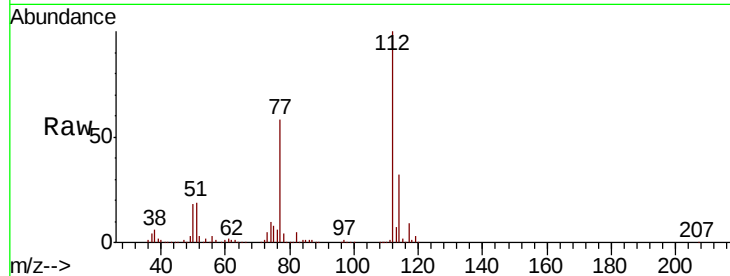




#65
Chlorobenzene
Concen: 49.262 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

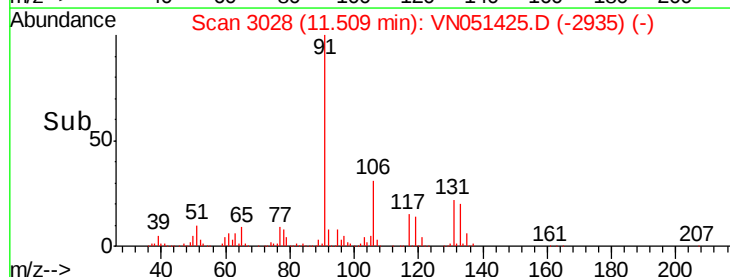
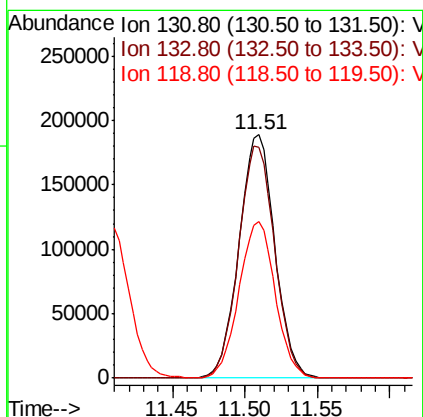
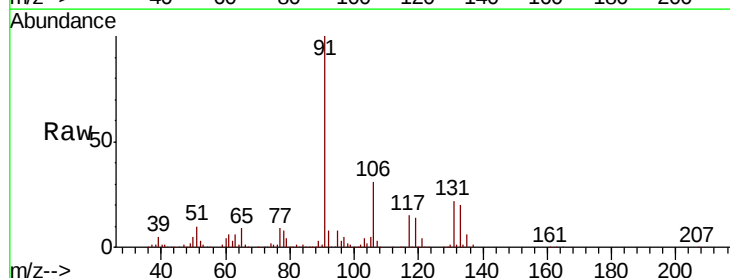
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

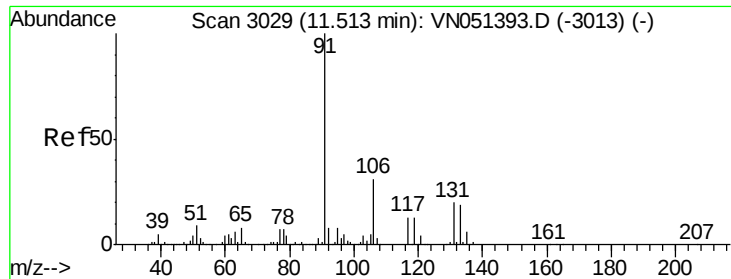
Tgt Ion:112 Resp: 840933
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.923 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion:131 Resp: 324685
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.8
119 65.1 32.8 98.4

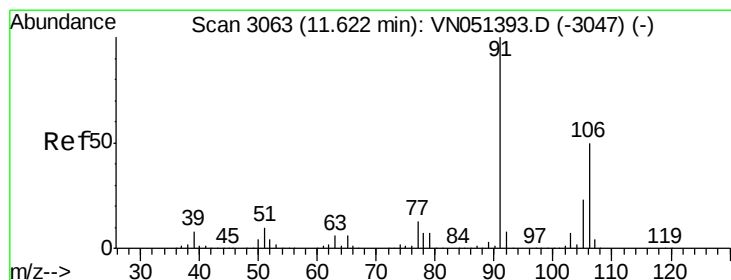
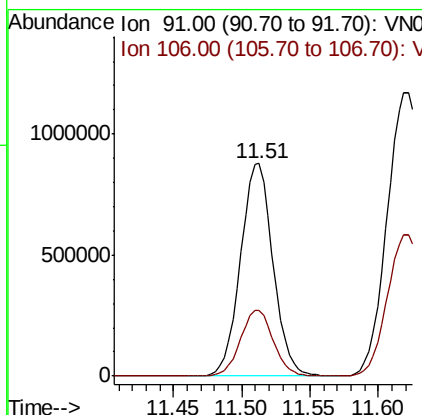
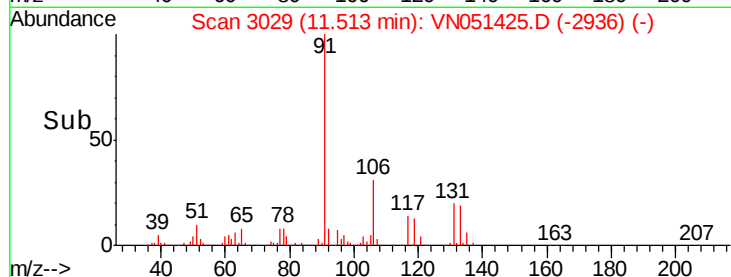
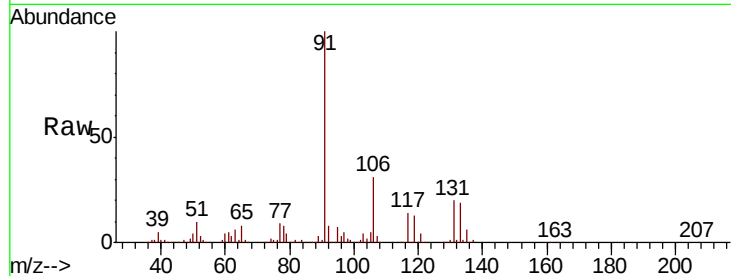




#67
Ethyl Benzene
Concen: 50.443 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

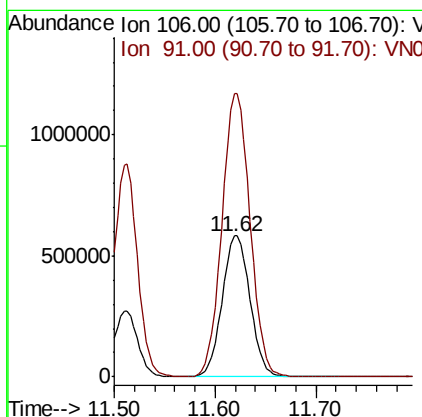
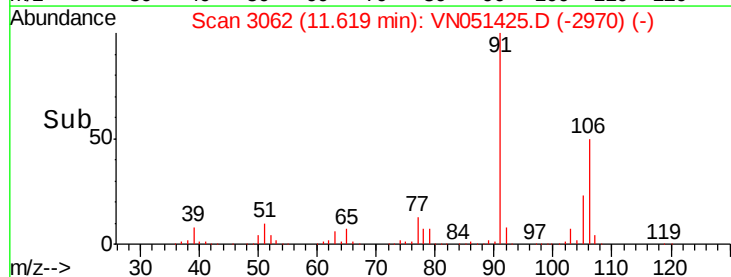
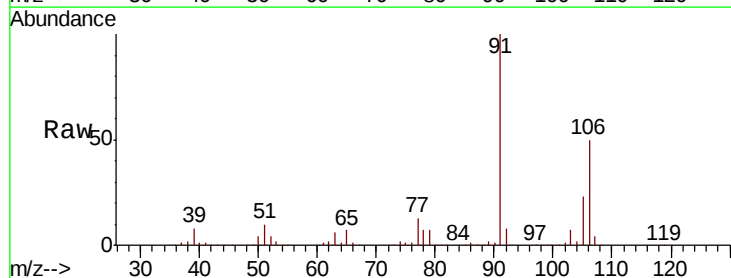
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

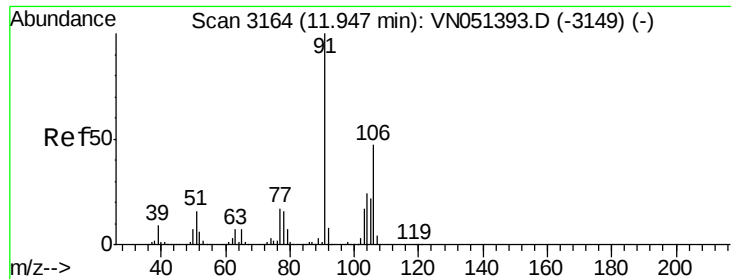
Tgt Ion: 91 Resp: 1451187
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 101.165 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion: 106 Resp: 1125755
Ion Ratio Lower Upper
106 100
91 202.2 161.3 241.9

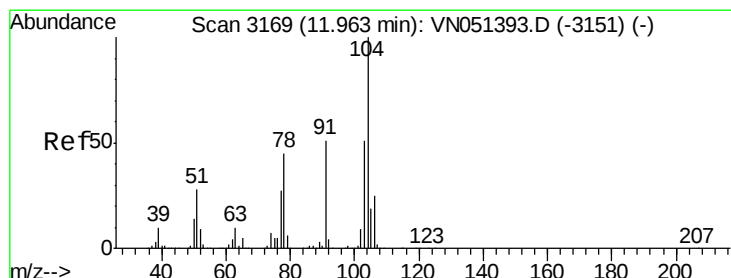
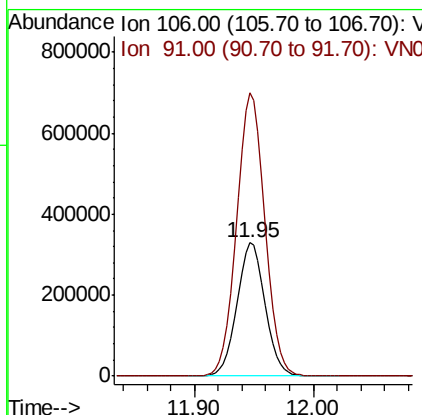
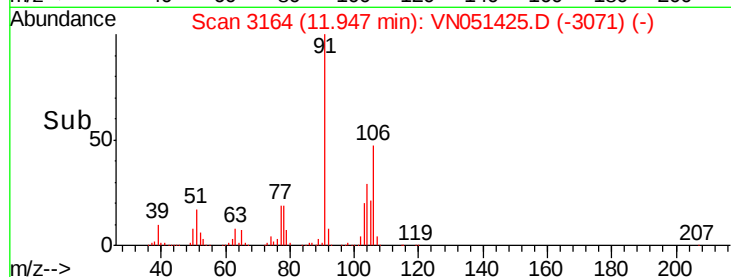
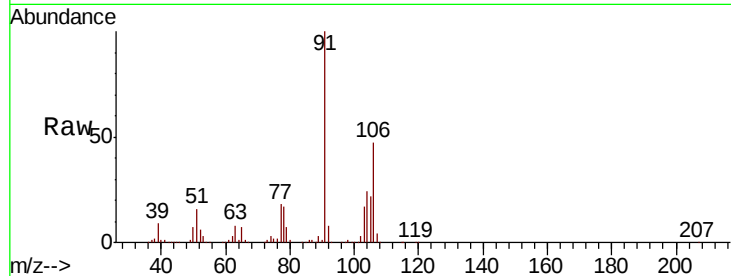




#69
o-Xylene
Concen: 50.176 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

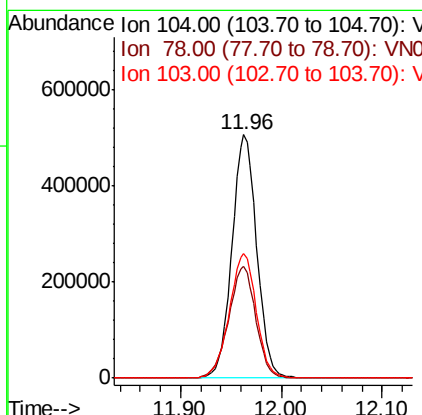
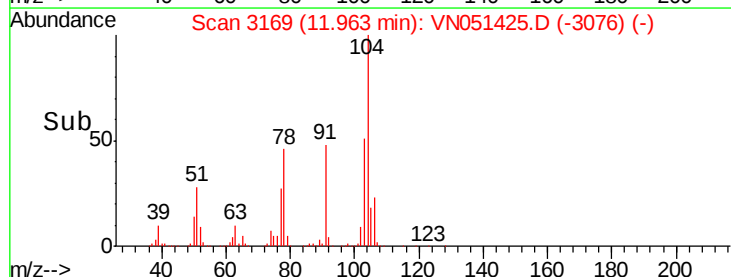
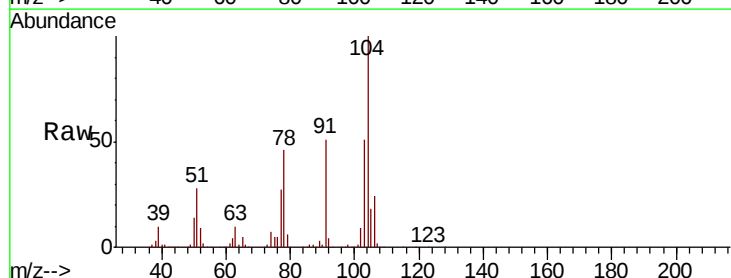
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

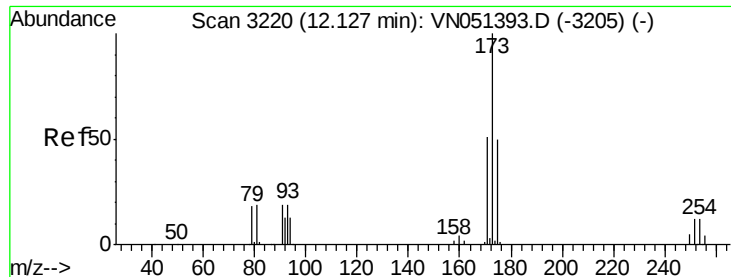
Tgt Ion:106 Resp: 536773
Ion Ratio Lower Upper
106 100
91 213.9 105.3 315.9



#70
Styrene
Concen: 51.134 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051425.D
Acq: 23 Sep 2018 20:30

Tgt Ion:104 Resp: 866792
Ion Ratio Lower Upper
104 100
78 50.2 39.9 59.9
103 55.6 44.6 66.8





#71

Bromoform

Concen: 49.283 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

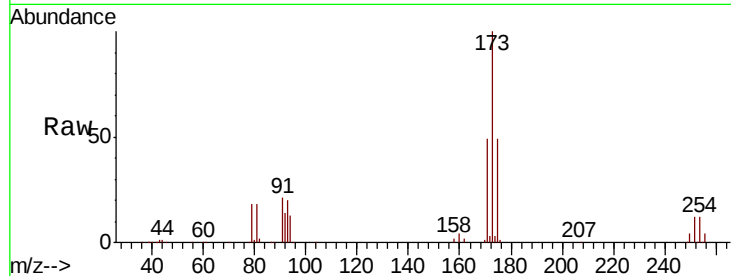
Tgt Ion:173 Resp: 217488

Ion Ratio Lower Upper

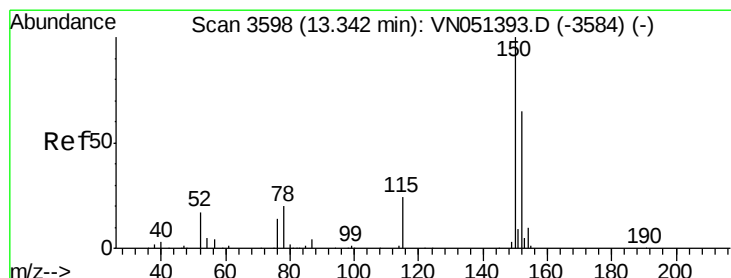
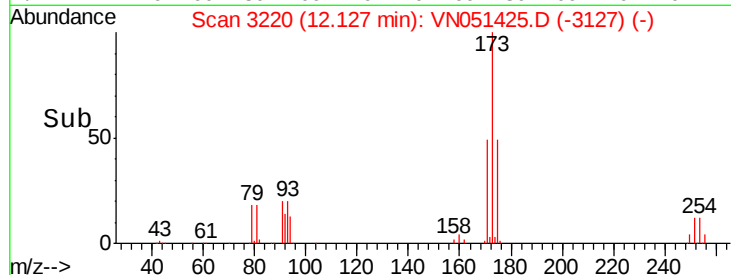
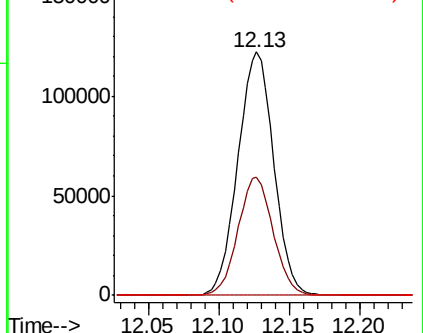
173 100

175 47.6 24.8 74.3

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

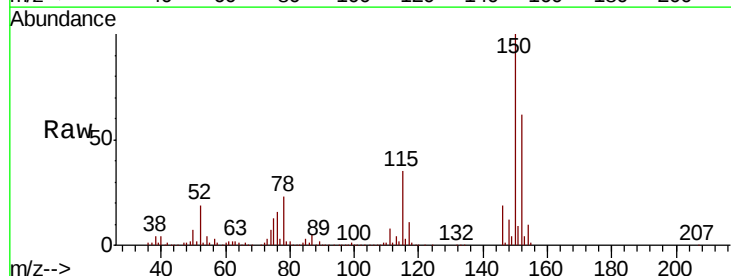
Tgt Ion:152 Resp: 343363

Ion Ratio Lower Upper

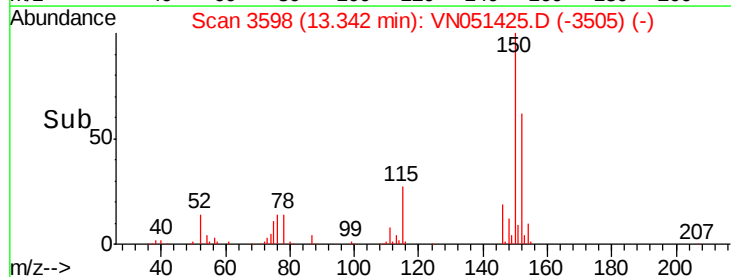
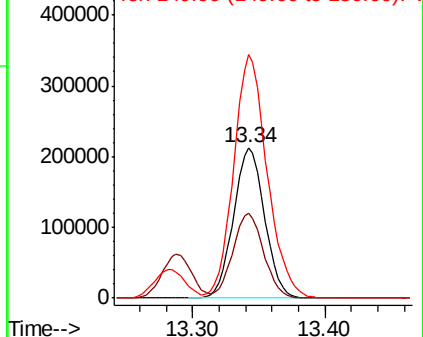
152 100

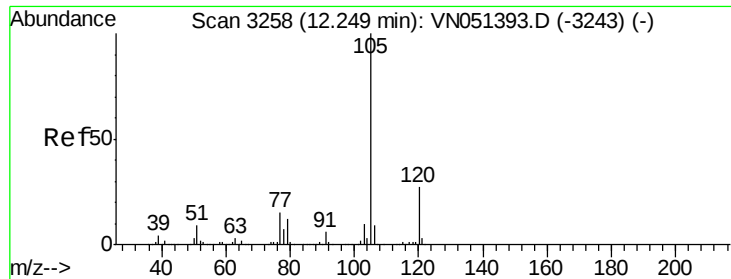
115 56.1 28.3 84.9

150 175.5 0.0 353.6



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





#73

Isopropylbenzene

Concen: 49.824 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

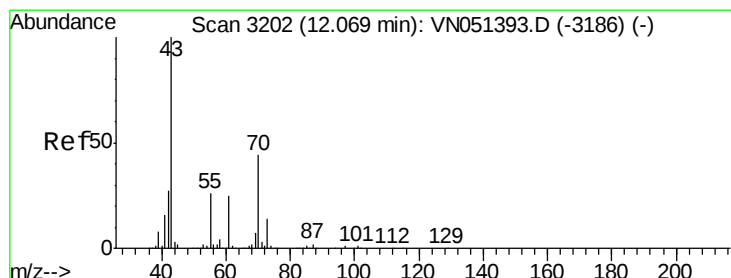
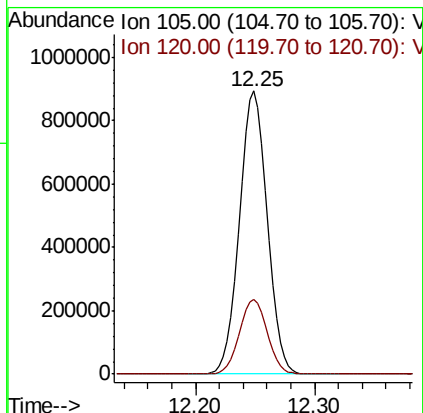
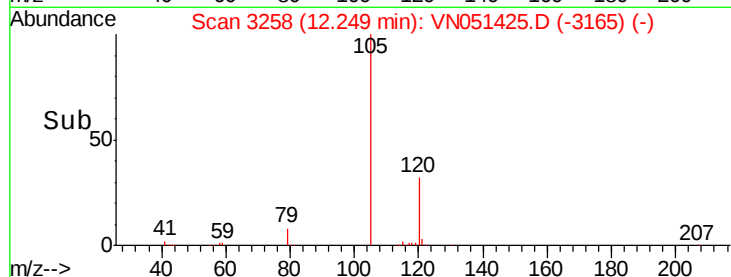
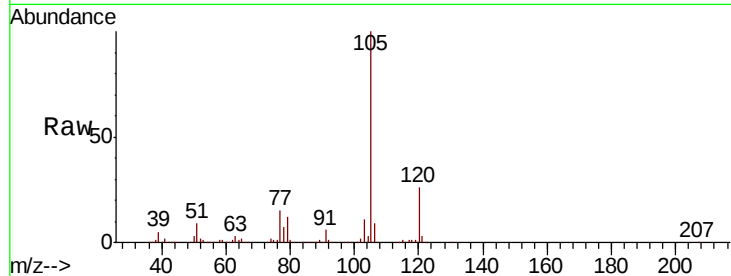
VSTDCCC050

Tgt Ion: 105 Resp: 1443444

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 51.519 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Tgt Ion: 43 Resp: 374486

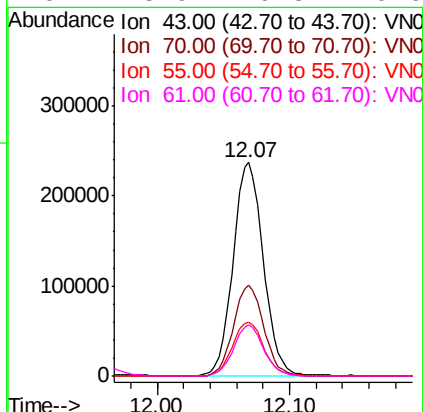
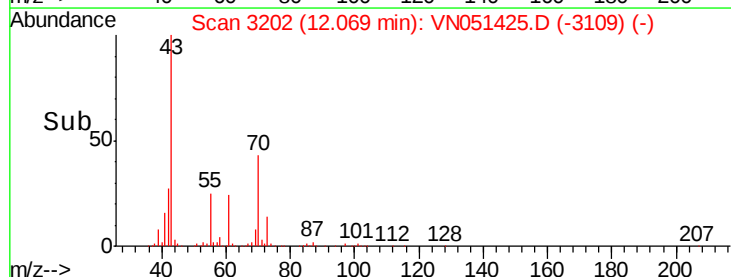
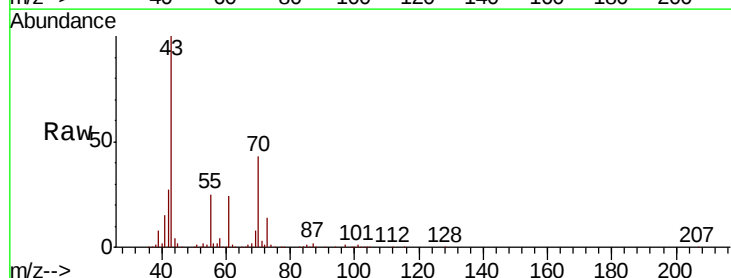
Ion Ratio Lower Upper

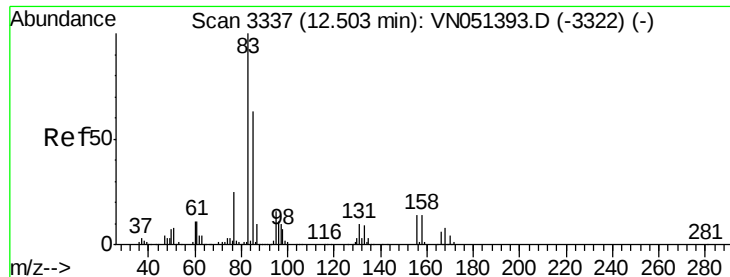
43 100

70 42.6 35.0 52.4

55 26.2 21.4 32.2

61 23.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.933 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

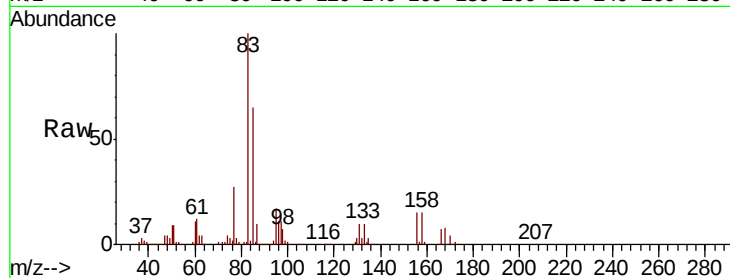
Tgt Ion: 83 Resp: 323821

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

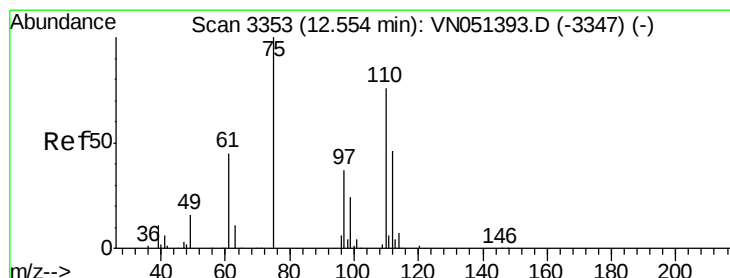
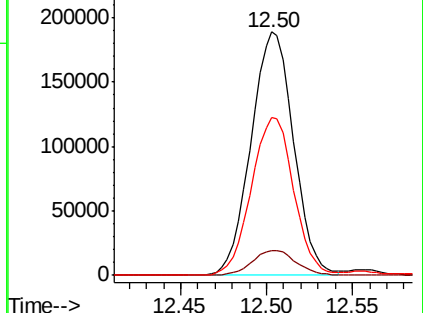
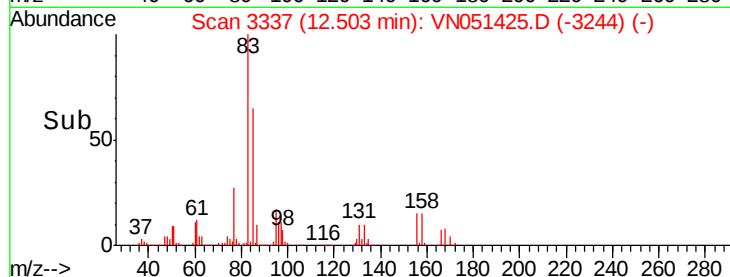
85 64.4 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VN051425.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN051425.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN051425.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 70.981 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051425.D

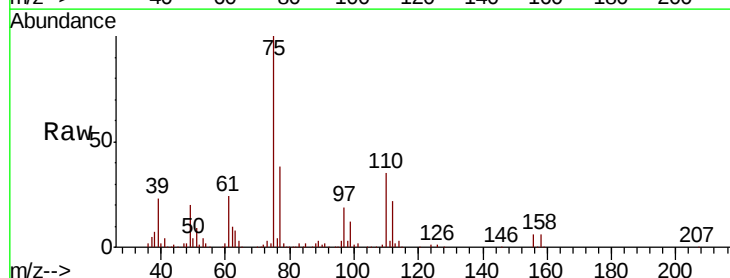
Acq: 23 Sep 2018 20:30

Tgt Ion: 75 Resp: 404599

Ion Ratio Lower Upper

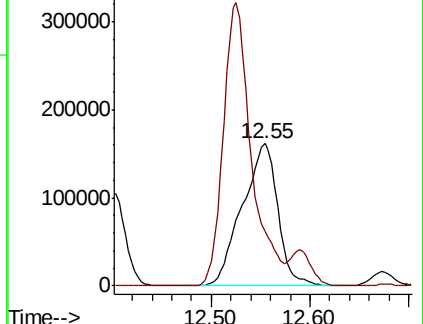
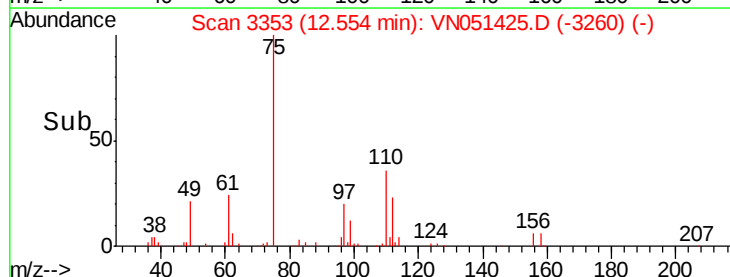
75 100

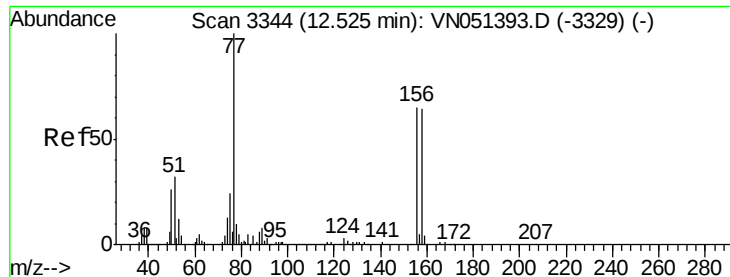
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051425.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051425.D (-3260) (-)





#77

Bromobenzene

Concen: 47.939 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

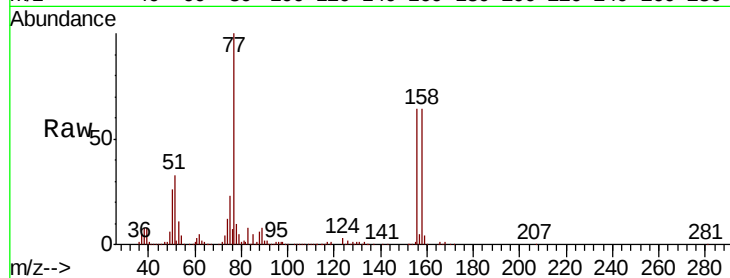
Tgt Ion:156 Resp: 351581

Ion Ratio Lower Upper

156 100

77 182.5 89.5 268.4

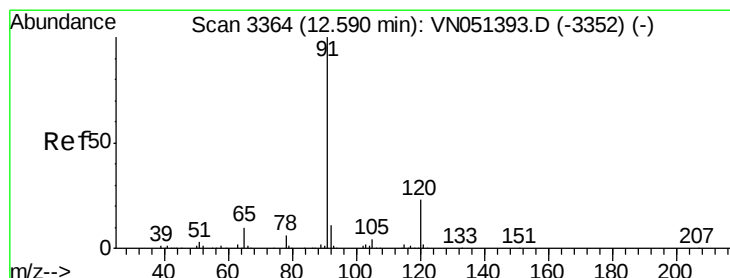
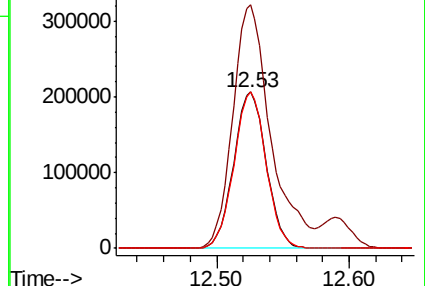
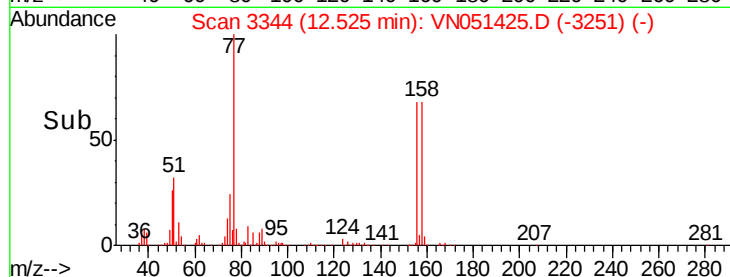
158 98.9 49.4 148.2



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: 50.478 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051425.D

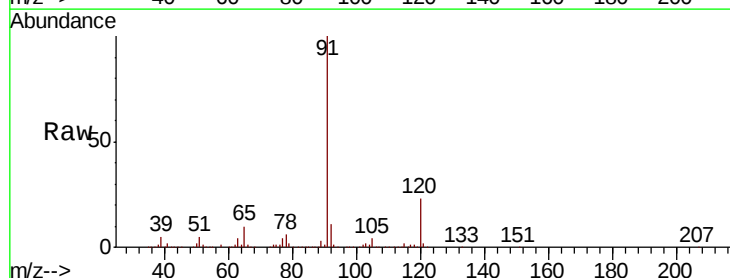
Acq: 23 Sep 2018 20:30

Tgt Ion: 91 Resp: 1648152

Ion Ratio Lower Upper

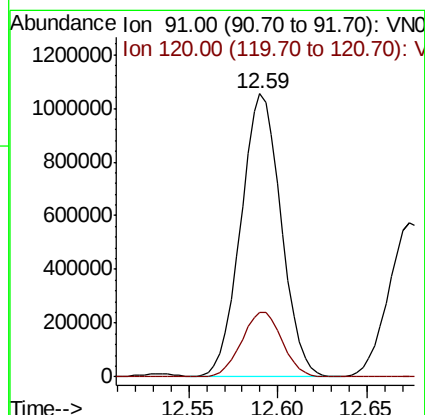
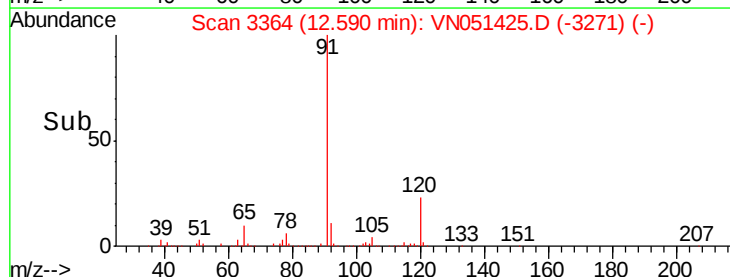
91 100

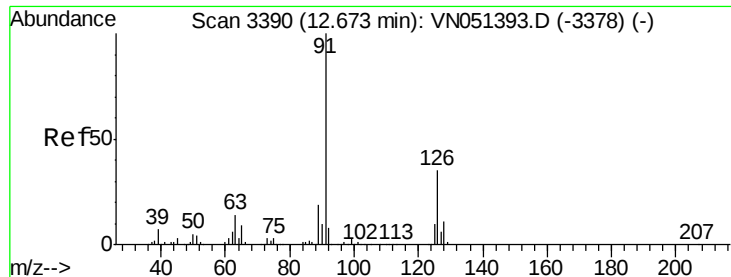
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.485 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

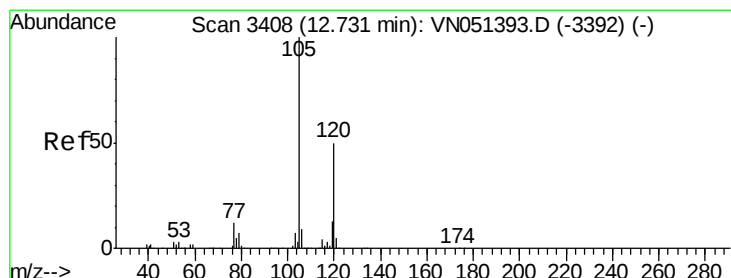
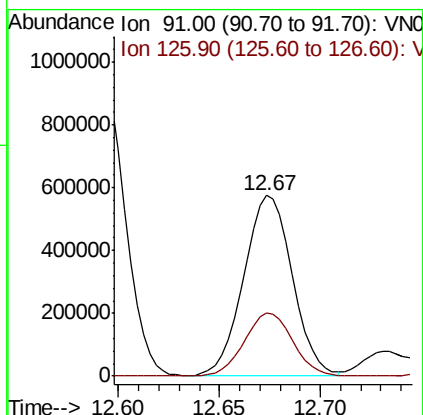
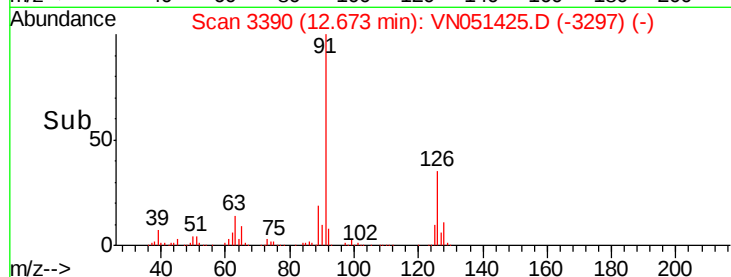
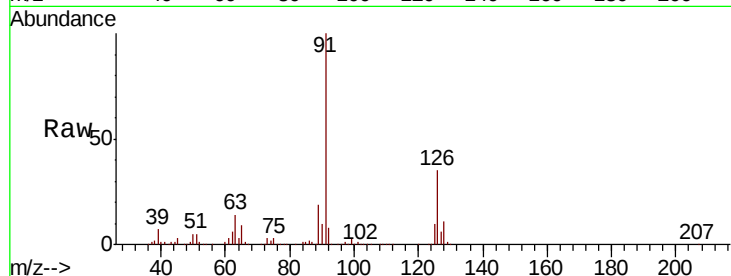
VSTDCCC050

Tgt Ion: 91 Resp: 967142

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 50.851 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051425.D

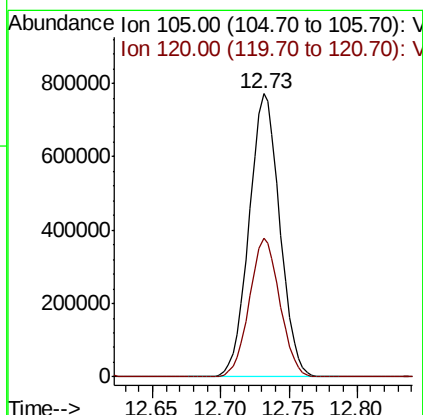
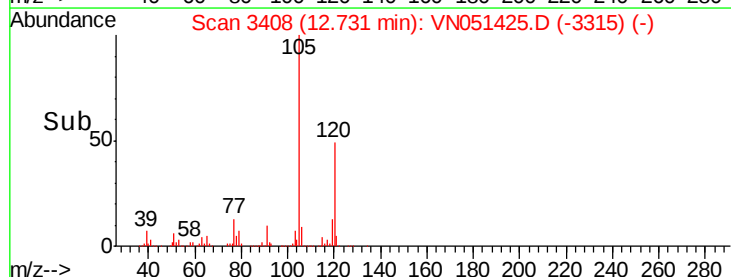
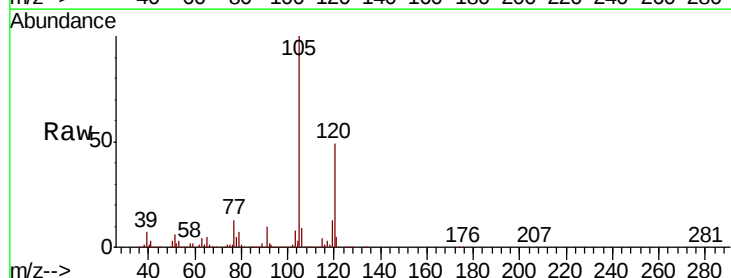
Acq: 23 Sep 2018 20:30

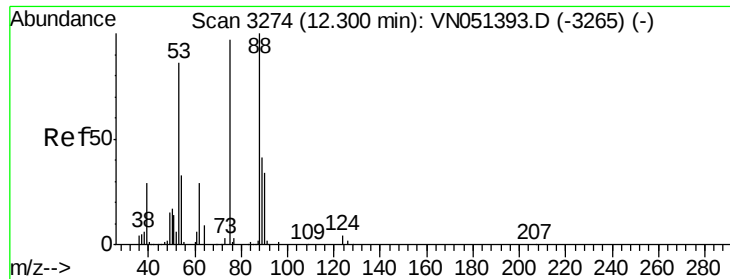
Tgt Ion: 105 Resp: 1201254

Ion Ratio Lower Upper

105 100

120 48.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.764 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

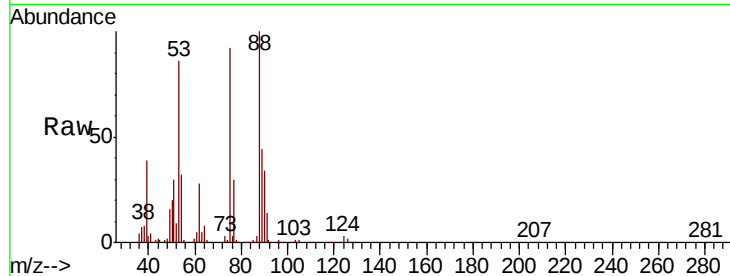
Tgt Ion: 75 Resp: 86688

Ion Ratio Lower Upper

75 100

53 93.6 73.9 110.9

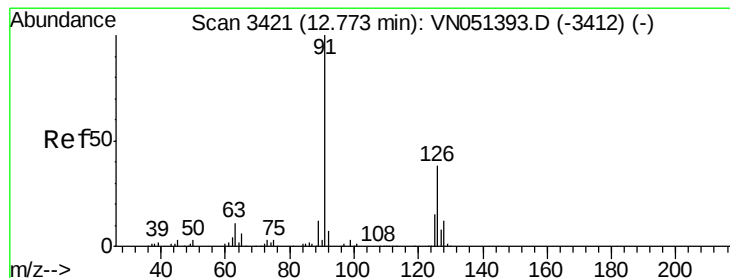
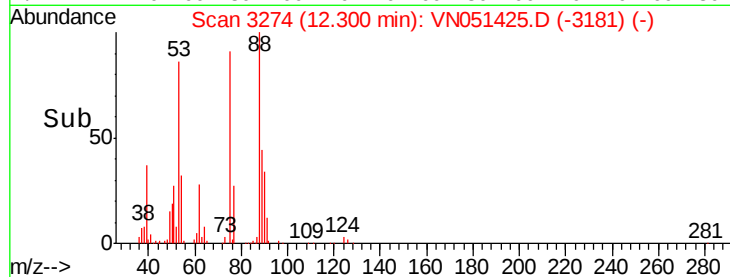
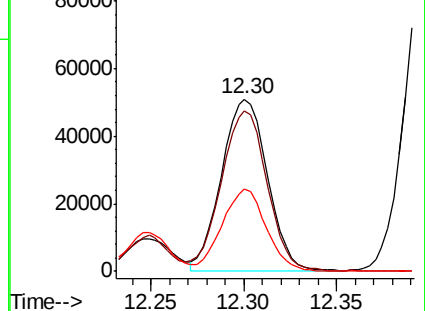
89 46.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN051393.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN051393.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN051393.D (-3265) (-)



#82

4-Chlorotoluene

Concen: 49.321 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051425.D

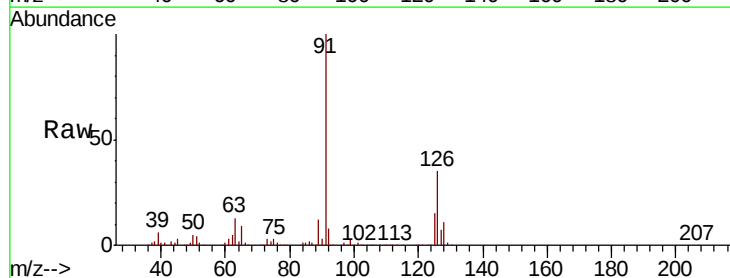
Acq: 23 Sep 2018 20:30

Tgt Ion: 91 Resp: 962114

Ion Ratio Lower Upper

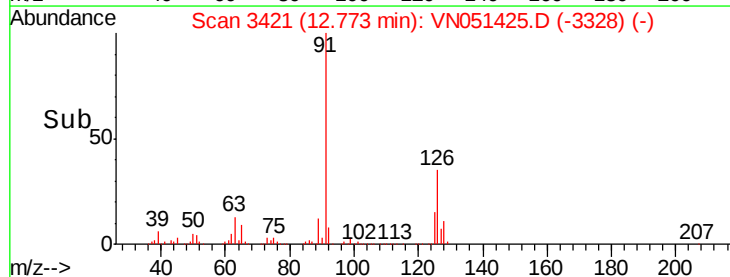
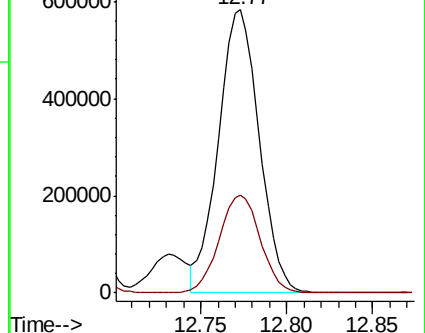
91 100

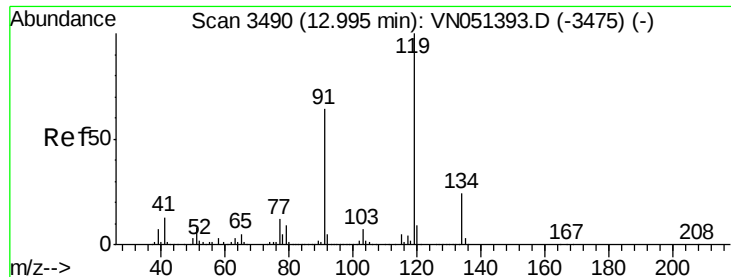
126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN051393.D (-3412) (-)

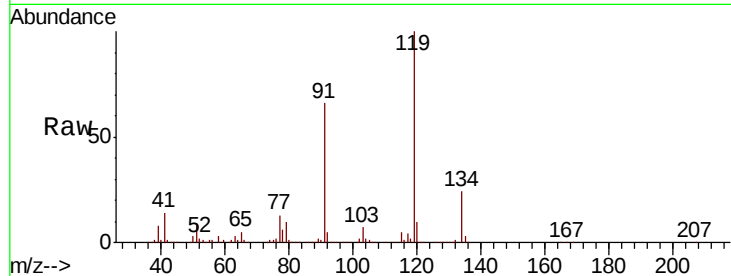




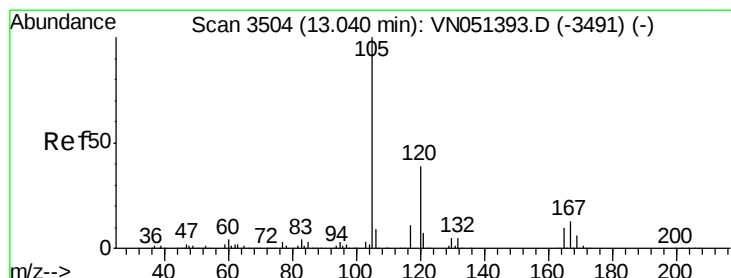
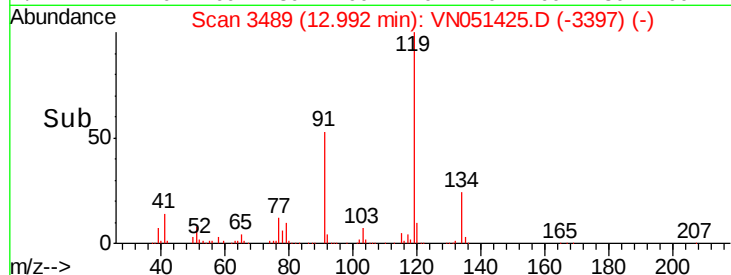
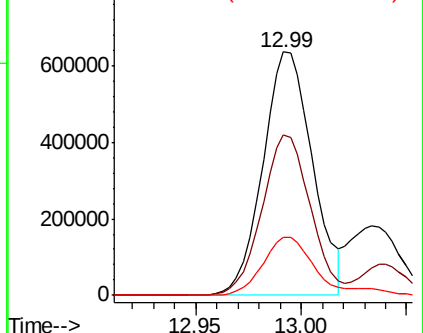
#83
 tert-Butylbenzene
 Concen: 49.556 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 1041991
 Ion Ratio Lower Upper
 119 100
 91 64.3 31.7 95.1
 134 26.2 12.3 36.9

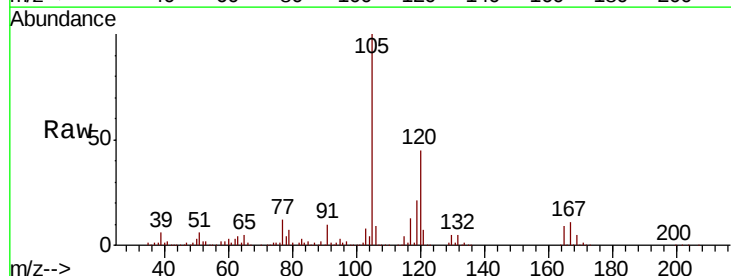


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

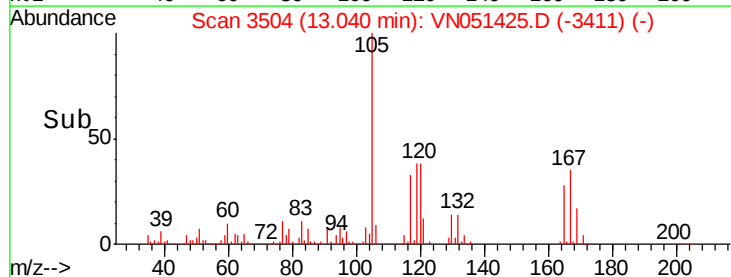
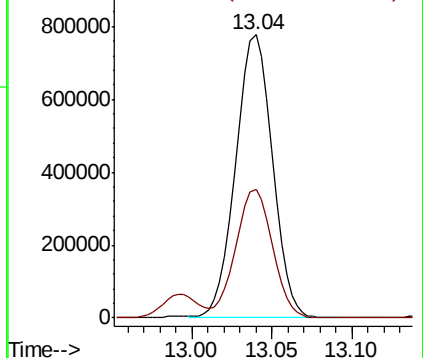


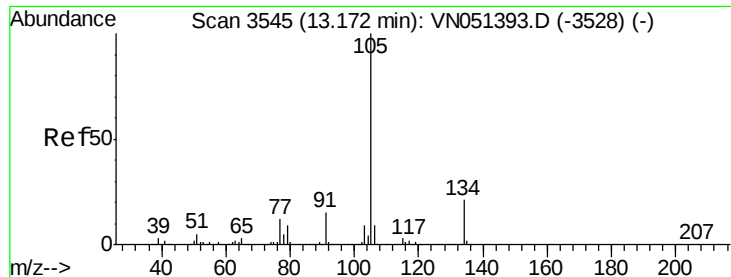
#84
 1,2,4-Trimethylbenzene
 Concen: 51.053 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion:105 Resp: 1215289
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.7



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





#85

sec-Butylbenzene

Concen: 49.832 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

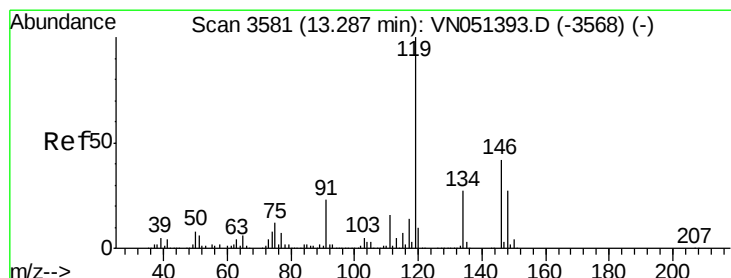
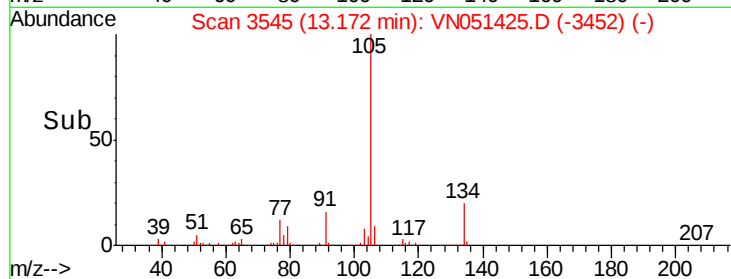
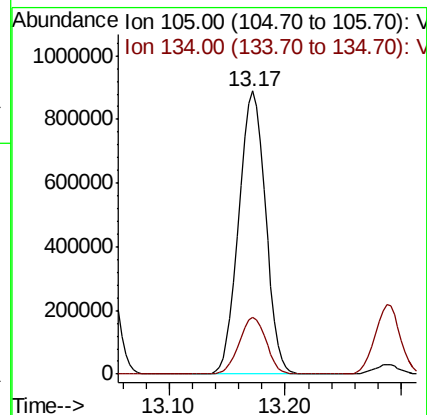
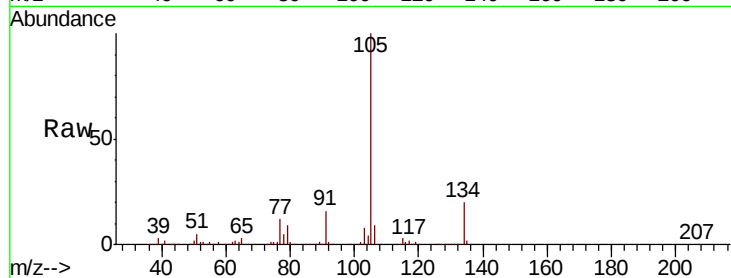
VSTDCCC050

Tgt Ion:105 Resp: 1417483

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 50.624 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

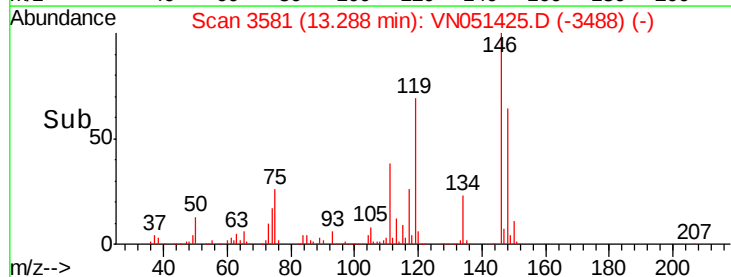
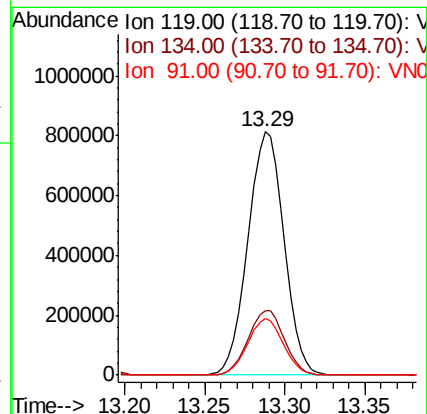
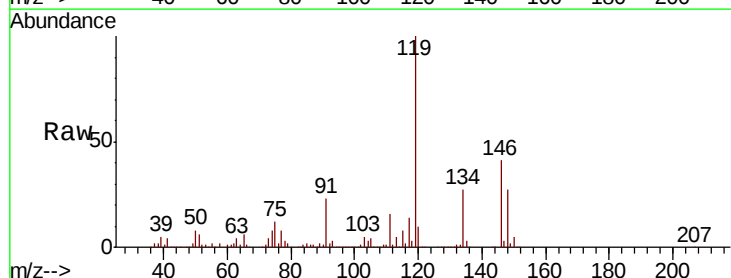
Tgt Ion:119 Resp: 1246030

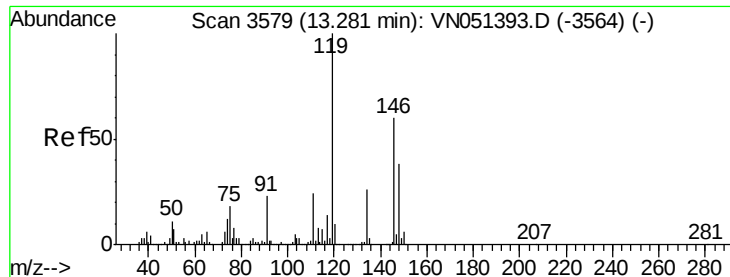
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 22.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 49.383 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

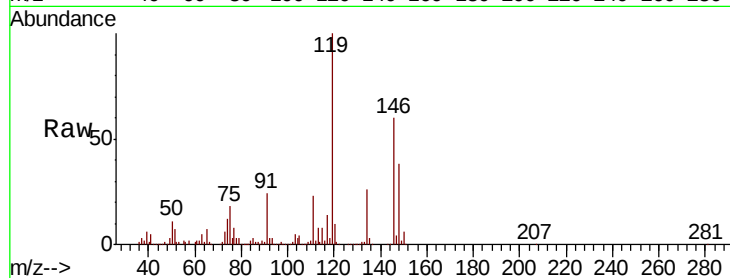
Tgt Ion:146 Resp: 626745

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.1

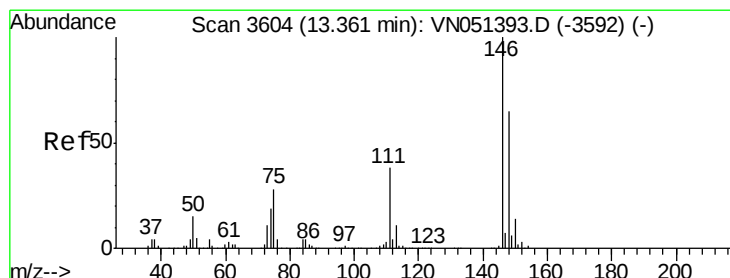
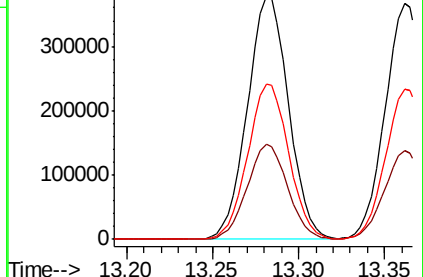
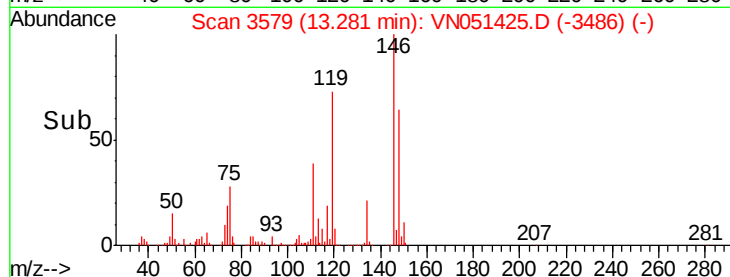
148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.596 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

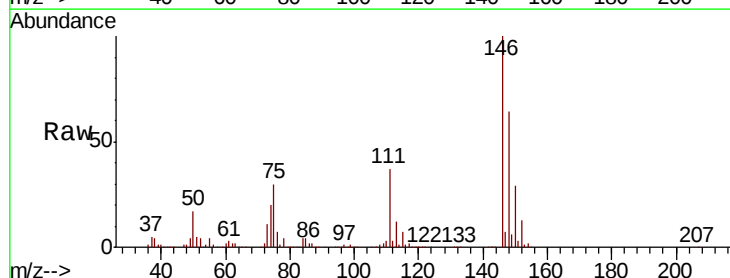
Tgt Ion:146 Resp: 605646

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.1

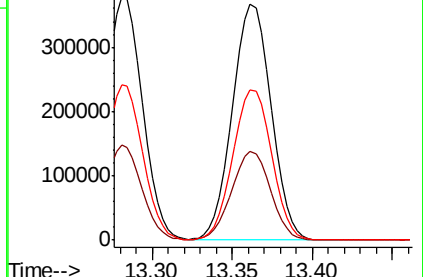
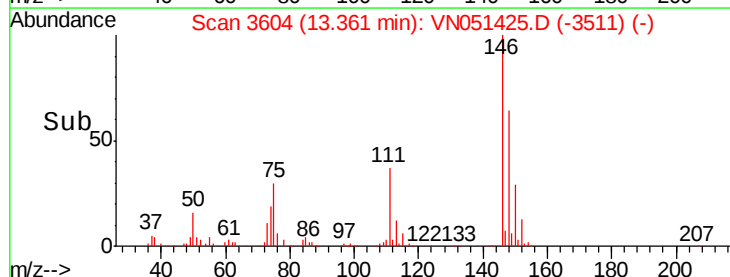
148 64.1 32.5 97.5

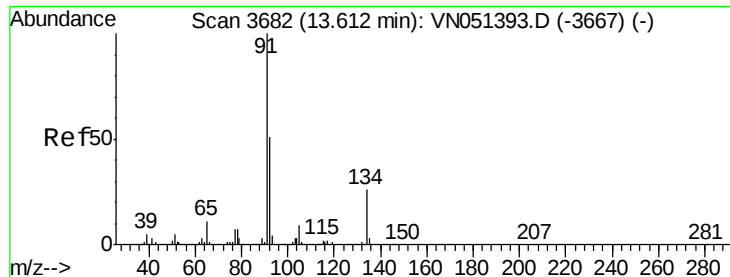


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.863 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

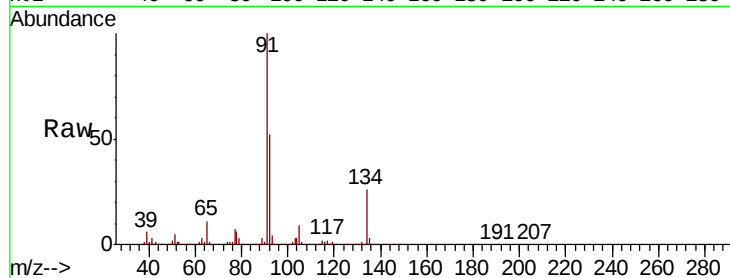
Tgt Ion: 91 Resp: 1009219

Ion Ratio Lower Upper

91 100

92 51.3 25.5 76.5

134 26.1 13.3 39.8

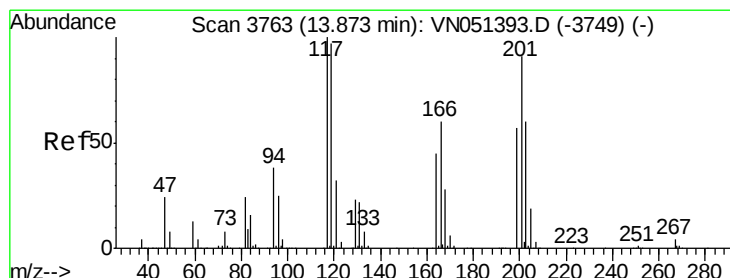
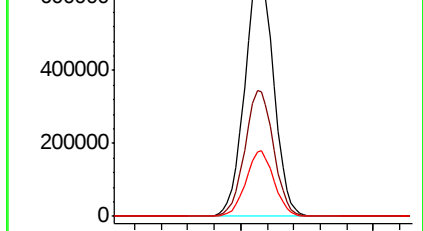
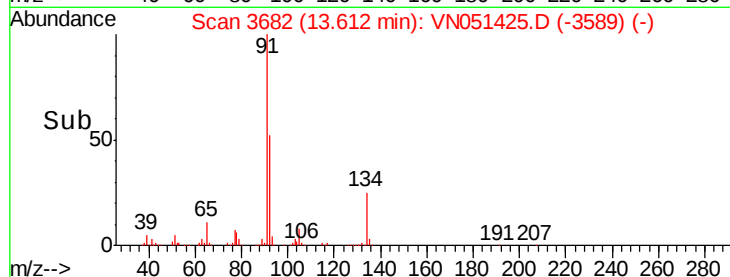


Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051393.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051393.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 48.374 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051425.D

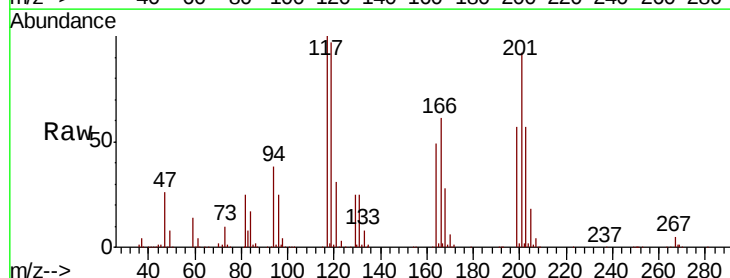
Acq: 23 Sep 2018 20:30

Tgt Ion: 117 Resp: 237232

Ion Ratio Lower Upper

117 100

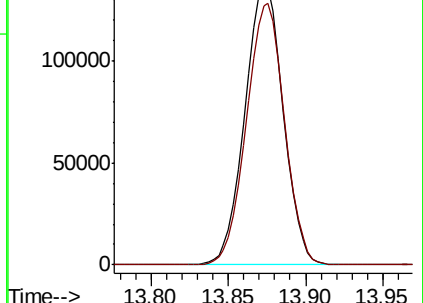
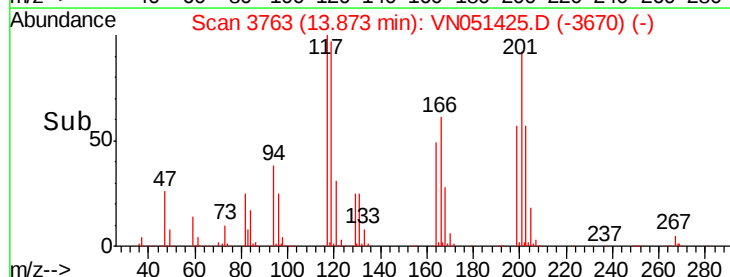
201 92.5 45.5 136.4

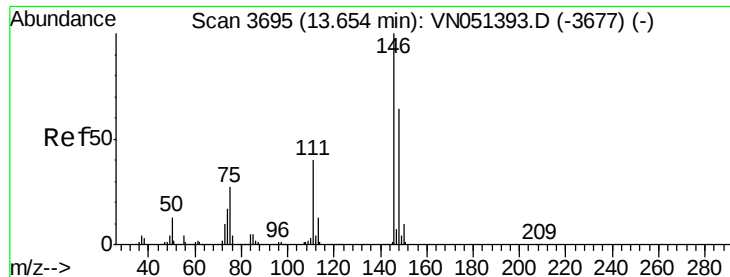


Abundance Ion 116.80 (116.50 to 117.50): VN051393.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051393.D (-3749) (-)

Time-->

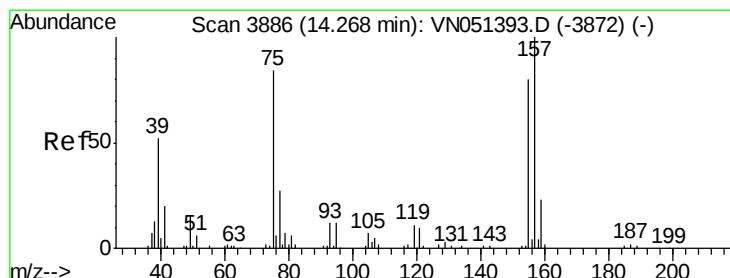
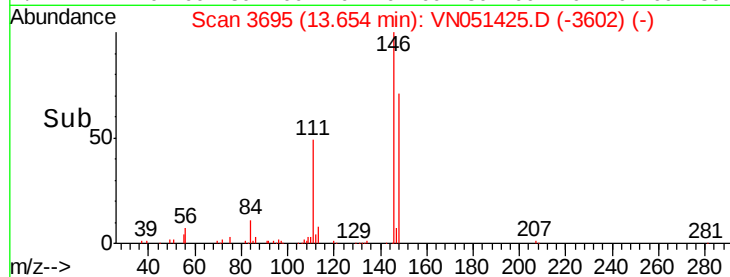
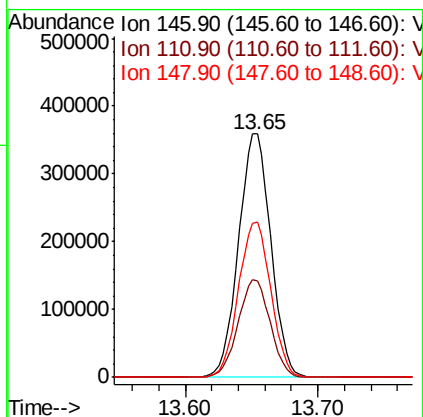
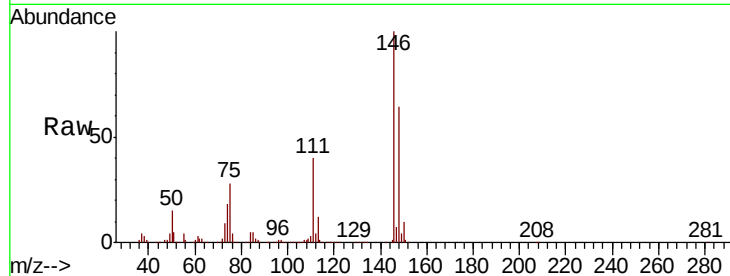




#91
 1,2-Dichlorobenzene
 Concen: 49.248 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

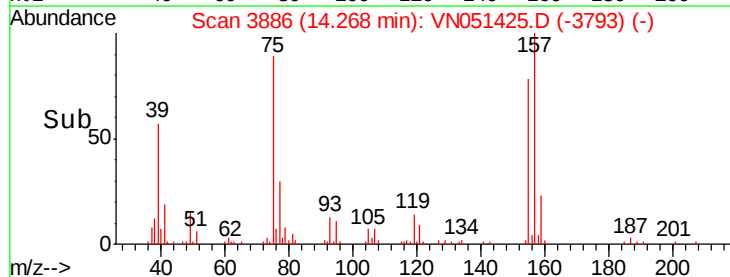
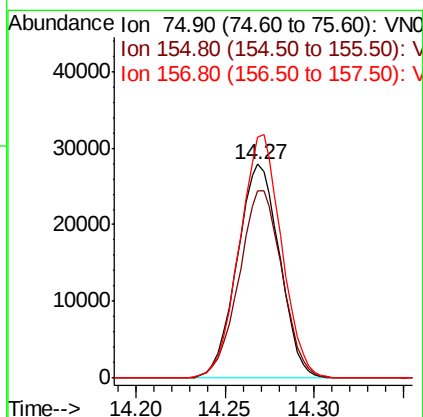
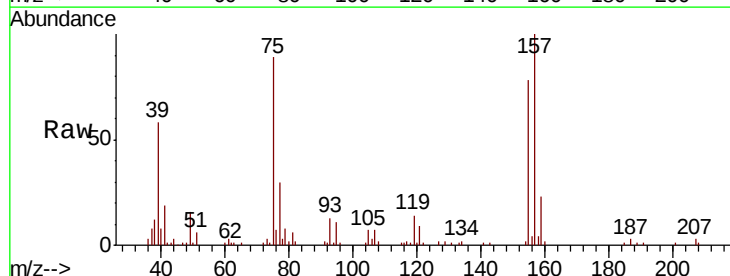
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

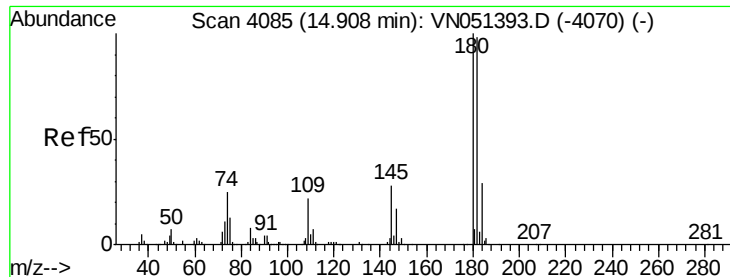
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	60.0
148	64.1	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.244 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	46.9	140.6
157	112.4	58.4	175.1

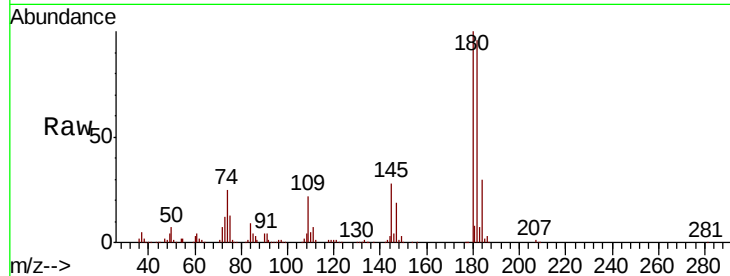




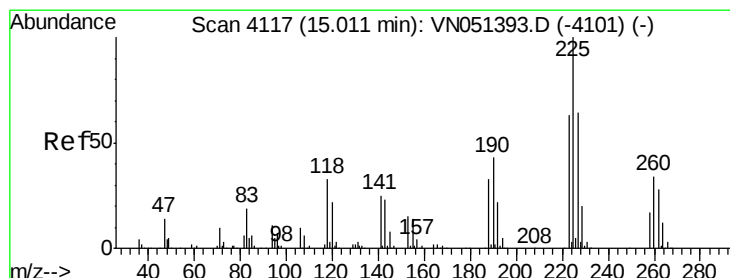
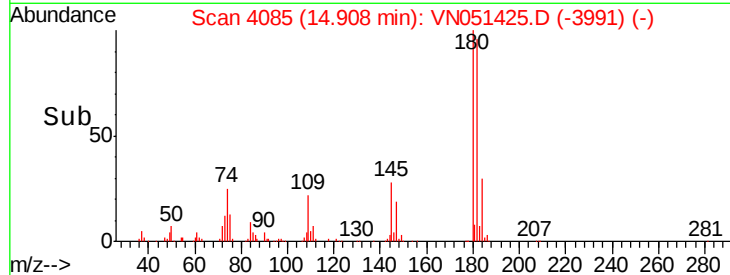
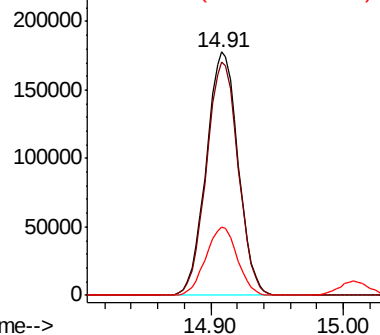
#93
 1,2,4-Trichlorobenzene
 Concen: 45.323 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 296672
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.5 145.6
 145 27.8 14.1 42.4

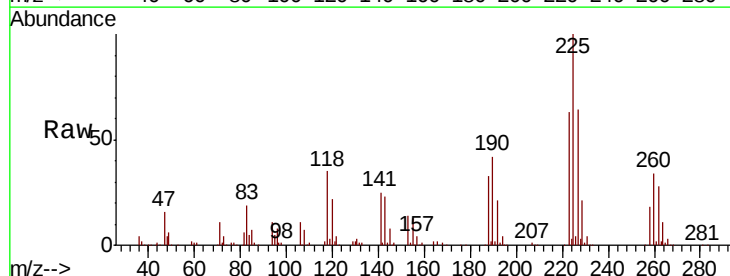


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

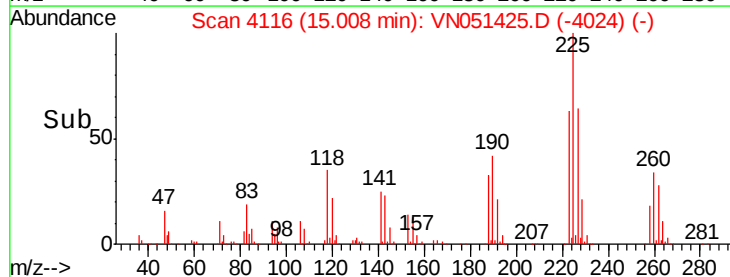
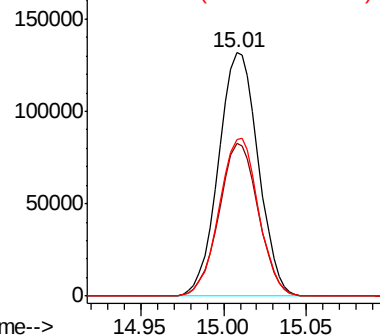


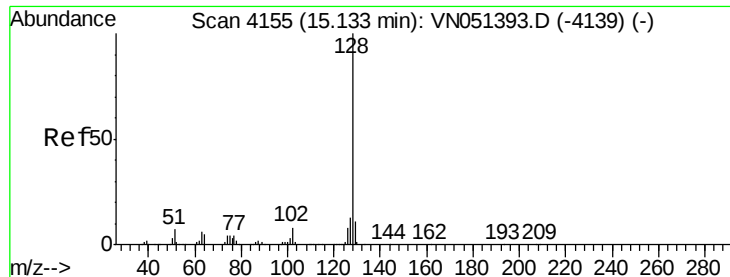
#94
 Hexachlorobutadiene
 Concen: 47.058 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051425.D
 Acq: 23 Sep 2018 20:30

Tgt Ion:225 Resp: 219248
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.9 95.9
 227 64.4 32.5 97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 42.989 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

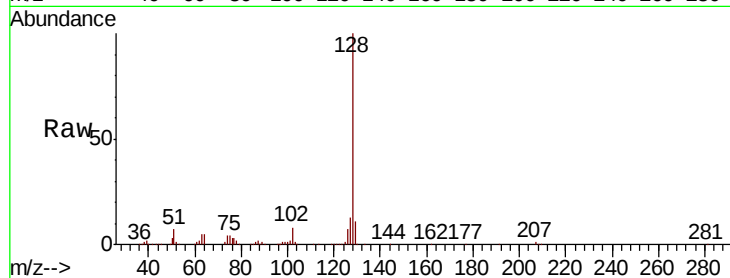
Tgt Ion:128 Resp: 531650

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.6 12.8



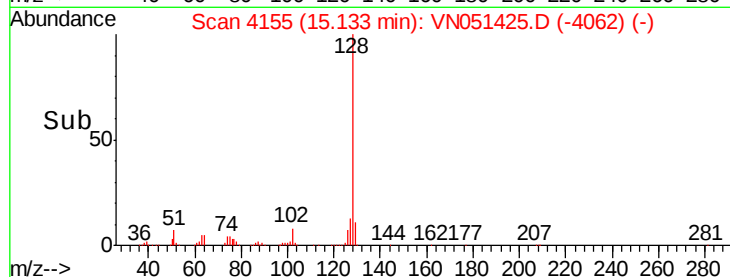
Abundance

Ion 128.00 (127.70 to 128.70): V

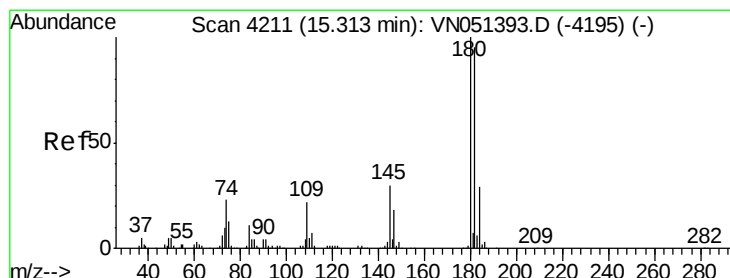
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 48.709 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051425.D

Acq: 23 Sep 2018 20:30

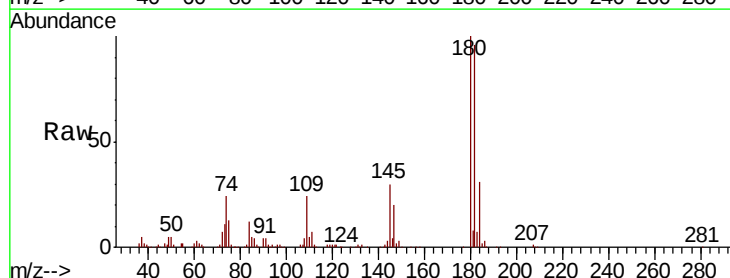
Tgt Ion:180 Resp: 287850

Ion Ratio Lower Upper

180 100

182 95.4 47.2 141.6

145 29.4 14.6 43.8



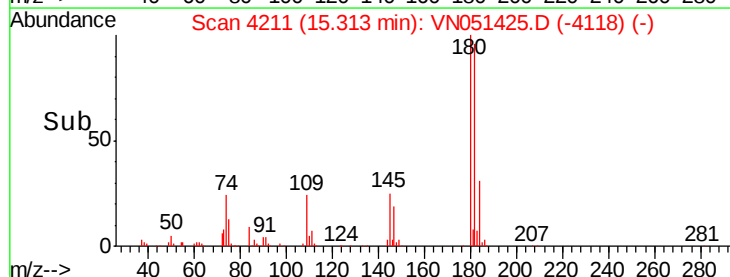
Abundance

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

15.31



Time-->