

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057971.D
 Acq On : 12 Sep 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 04:46:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	318281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329946	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.58	113	239751	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.09	98	963759	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.41	95	353866	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	223210	50.710	ug/l	100
3) Chloromethane	2.03	50	197735	44.076	ug/l	98
4) Vinyl Chloride	2.16	62	211330	44.508	ug/l	99
5) Bromomethane	2.53	94	112456	42.883	ug/l	96
6) Chloroethane	2.67	64	134940	44.600	ug/l	99
7) Trichlorofluoromethane	2.99	101	271475	45.433	ug/l	95
8) Diethyl Ether	3.39	74	118134	47.402	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	184445	48.932	ug/l	99
10) Methyl Iodide	3.93	142	186093	44.365	ug/l	99
11) Tert butyl alcohol	4.77	59	202950	260.114	ug/l	99
12) 1,1-Dichloroethene	3.71	96	155500	45.882	ug/l	94
13) Acrolein	3.59	56	123160	186.057	ug/l	98
14) Allyl chloride	4.30	41	303693	45.788	ug/l	99
15) Acrylonitrile	4.96	53	557751	260.078	ug/l	99
16) Acetone	3.80	43	476511	225.483	ug/l	97
17) Carbon Disulfide	4.03	76	224374	42.560	ug/l	99
18) Methyl Acetate	4.30	43	302244	53.640	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	714547	50.662	ug/l	100
20) Methylene Chloride	4.53	84	209775	52.197	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	167037	45.593	ug/l	99
22) Diisopropyl ether	5.93	45	782417	50.303	ug/l	99
23) Vinyl Acetate	5.88	43	2933303	266.105	ug/l	100
24) 1,1-Dichloroethane	5.83	63	418492	49.231	ug/l	100
25) 2-Butanone	6.82	43	774287	253.144	ug/l	99
26) 2,2-Dichloropropane	6.81	77	305232	45.373	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	236329	48.134	ug/l	98
28) Bromochloromethane	7.18	49	209709	49.380	ug/l	98
29) Tetrahydrofuran	7.20	42	495221	262.749	ug/l	99
30) Chloroform	7.36	83	437790	49.255	ug/l	97
31) Cyclohexane	7.64	56	294801	50.932	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	347480	49.293	ug/l	99
36) 1,1-Dichloropropene	7.78	75	280334	47.025	ug/l	100
37) Ethyl Acetate	6.91	43	312415	50.723	ug/l	98
38) Carbon Tetrachloride	7.76	117	277802	51.041	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	296405	47.298	ug/l	98
40) Benzene	8.03	78	890342	49.608	ug/l	99
41) Methacrylonitrile	7.16	41	151543	54.202	ug/l	96
42) 1,2-Dichloroethane	8.11	62	360878	50.276	ug/l	100
43) Isopropyl Acetate	8.16	43	545474	52.663	ug/l #	91
44) Trichloroethene	8.83	130	213151	48.421	ug/l	99
45) 1,2-Dichloropropane	9.11	63	263931	50.538	ug/l	100
46) Dibromomethane	9.20	93	159166	50.435	ug/l	99
47) Bromodichloromethane	9.40	83	333394	52.904	ug/l	99
48) Methyl methacrylate	9.19	41	269195	51.235	ug/l	99
49) 1,4-Dioxane	9.19	88	91664	1031.645	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1745710	284.808	ug/l	100
52) Toluene	10.15	92	565973	50.068	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	346451	52.205	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	373058	50.916	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	248366	51.869	ug/l	98
56) Ethyl methacrylate	10.43	69	384629	53.342	ug/l	99
57) 1,3-Dichloropropane	10.71	76	422425	51.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	883596	260.175	ug/l	100
59) 2-Hexanone	10.75	43	1283720	279.420	ug/l	99
60) Dibromochloromethane	10.90	129	239131	53.781	ug/l	98
61) 1,2-Dibromoethane	11.01	107	232933	51.456	ug/l	100
64) Tetrachloroethene	10.63	164	174842	48.061	ug/l	100
65) Chlorobenzene	11.44	112	643165	49.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	235571	52.650	ug/l	98
67) Ethyl Benzene	11.51	91	1168584	51.712	ug/l	100
68) m/p-Xylenes	11.62	106	852704	103.013	ug/l	100
69) o-Xylene	11.95	106	420628	51.114	ug/l	97
70) Styrene	11.97	104	750212	52.972	ug/l	99
71) Bromoform	12.13	173	148941	53.392	ug/l #	99
73) Isopropylbenzene	12.25	105	1186694	50.049	ug/l	99
74) N-amyl acetate	12.07	43	525140	50.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	392013	49.104	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	468315	67.750	ug/l #	100
77) Bromobenzene	12.53	156	273878	46.329	ug/l	98
78) n-propylbenzene	12.60	91	1406353	51.653	ug/l	99
79) 2-Chlorotoluene	12.68	91	832150	48.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1024985	51.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	93864	47.785	ug/l	93
82) 4-Chlorotoluene	12.78	91	868400	49.140	ug/l	99
83) tert-Butylbenzene	13.00	119	880517	49.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1046431	51.392	ug/l	99
85) sec-Butylbenzene	13.18	105	1211255	51.316	ug/l	99
86) p-Isopropyltoluene	13.30	119	1086432	52.239	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	528468	48.703	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	535671	48.635	ug/l	99
89) n-Butylbenzene	13.62	91	1009560	51.403	ug/l	100
90) Hexachloroethane	13.88	117	160595	51.922	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	529840	48.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	70936	53.804	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

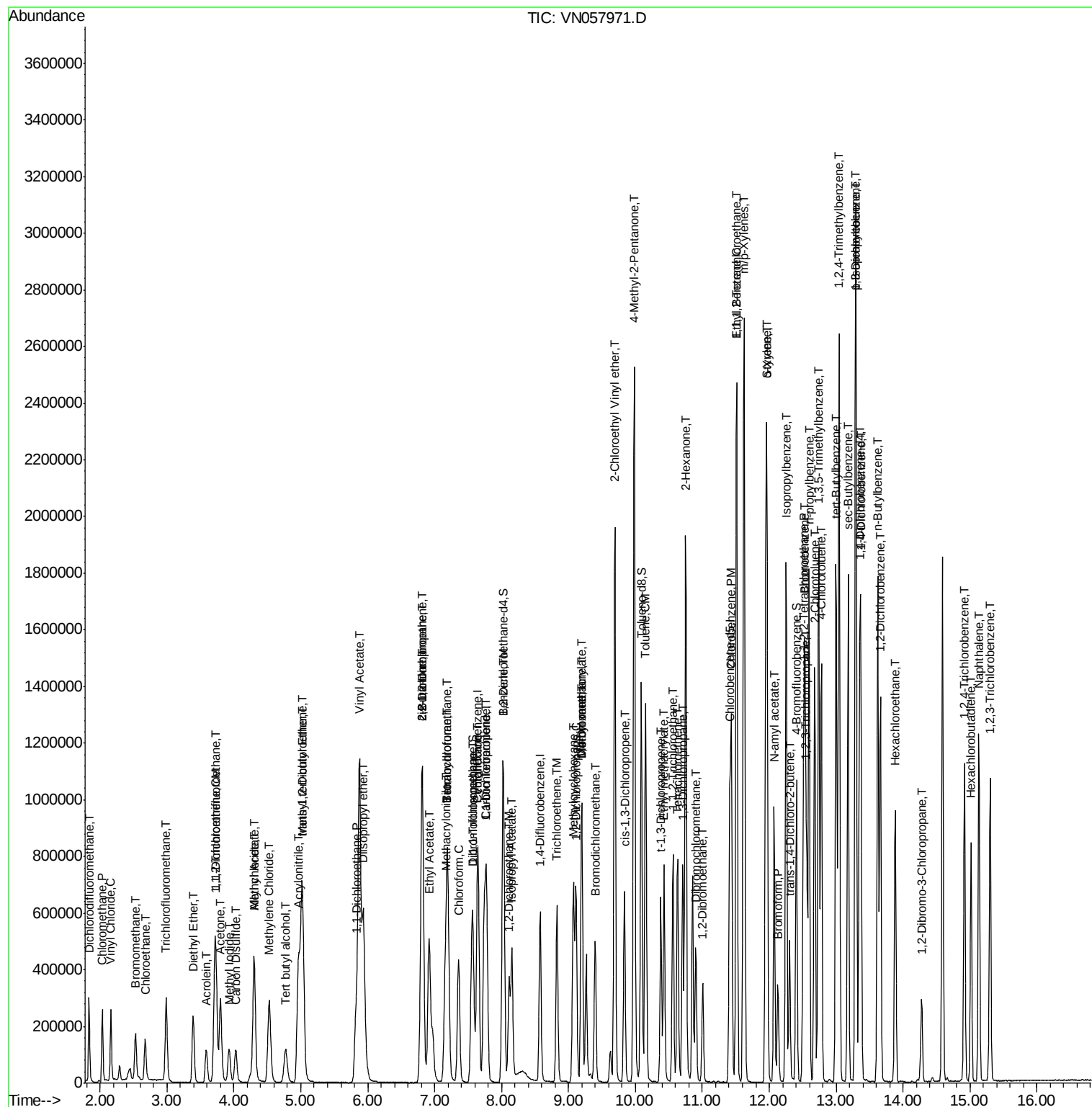
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	328408	46.350	ug/l	99
94) Hexachlorobutadiene	15.02	225	145043	48.290	ug/l	99
95) Naphthalene	15.13	128	961210	53.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	314407	50.812	ug/l	99

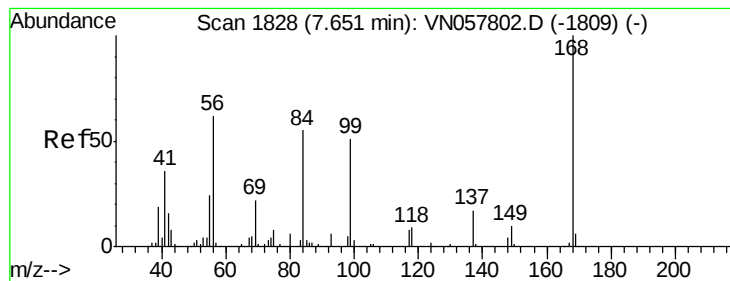
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

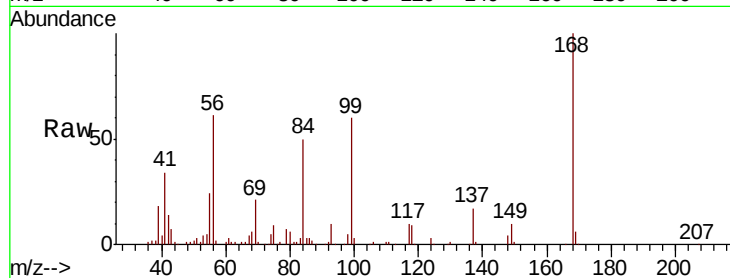
VSTDCCC050EC

Tgt Ion:168 Resp: 318281

Ion Ratio Lower Upper

168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

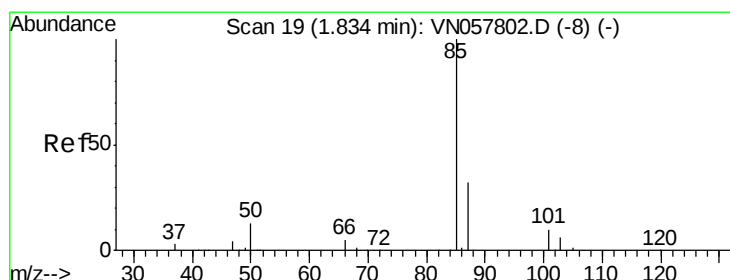
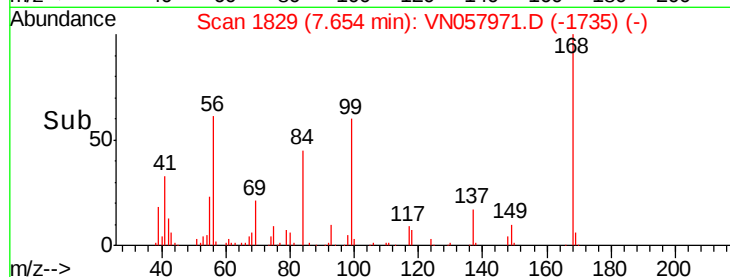
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.710 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057971.D

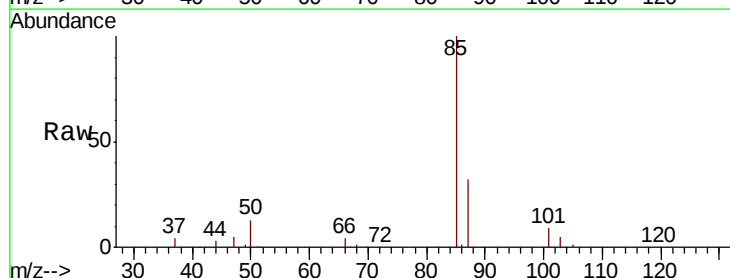
Acq: 12 Sep 2019 15:13

Tgt Ion: 85 Resp: 223210

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

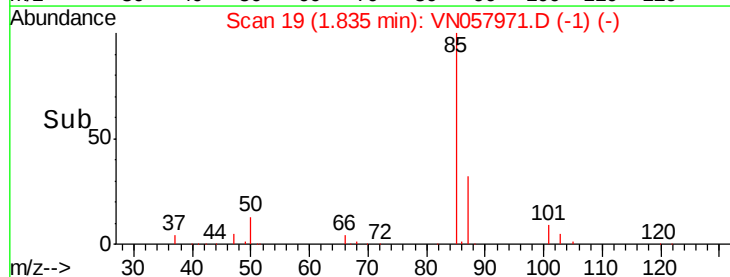
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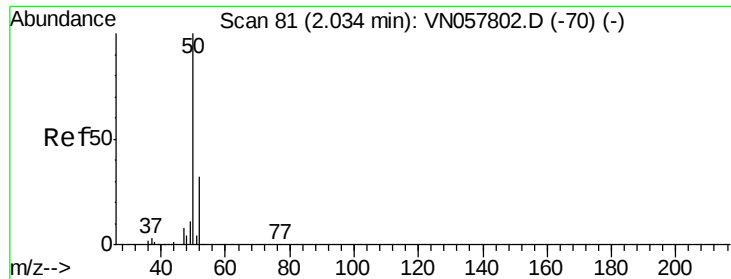
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50000

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Time-->





#3

Chloromethane

Concen: 44.076 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

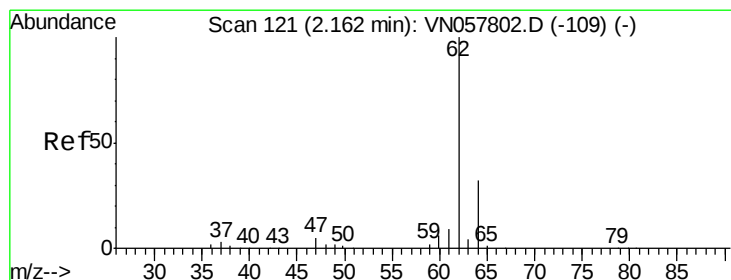
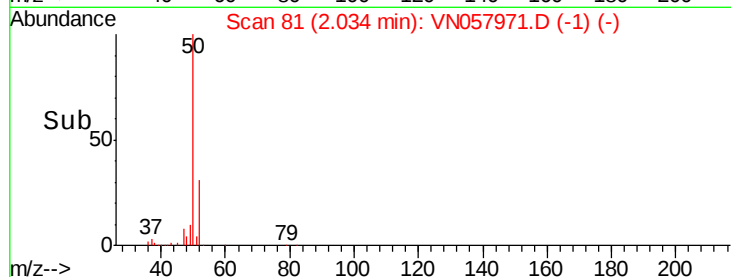
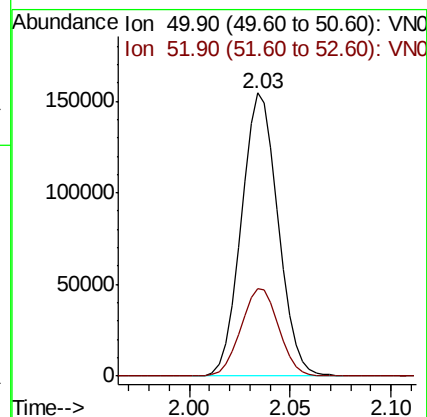
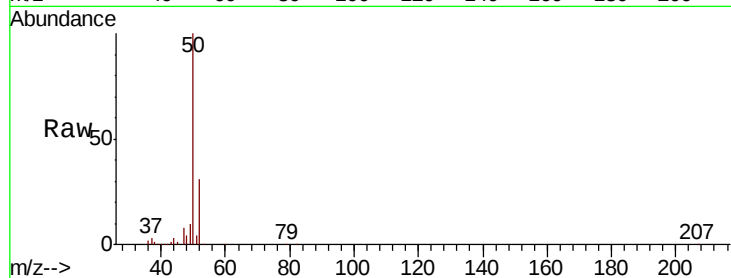
VSTDCCC050EC

Tgt Ion: 50 Resp: 197735

Ion Ratio Lower Upper

50 100

52 30.9 25.5 38.3



#4

Vinyl Chloride

Concen: 44.508 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057971.D

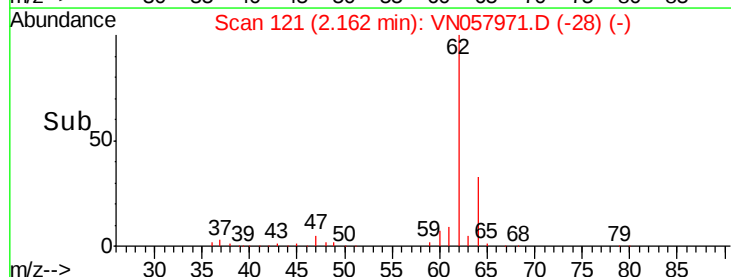
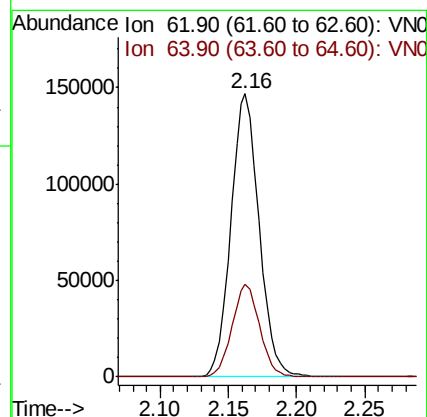
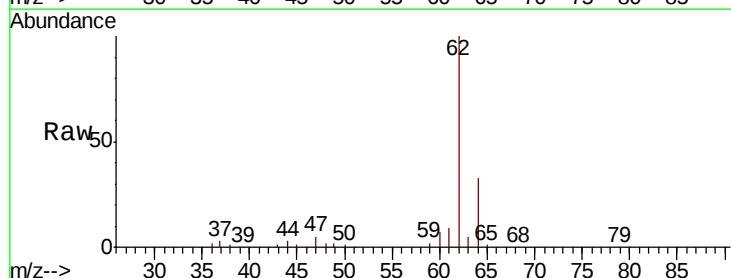
Acq: 12 Sep 2019 15:13

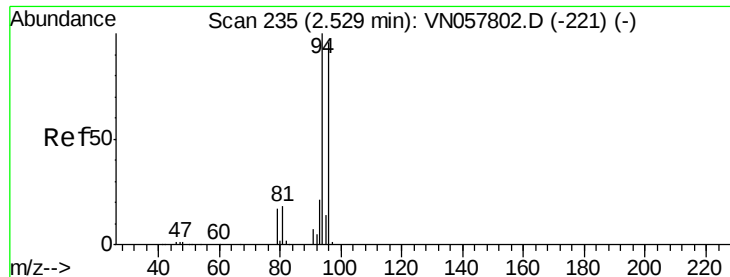
Tgt Ion: 62 Resp: 211330

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4

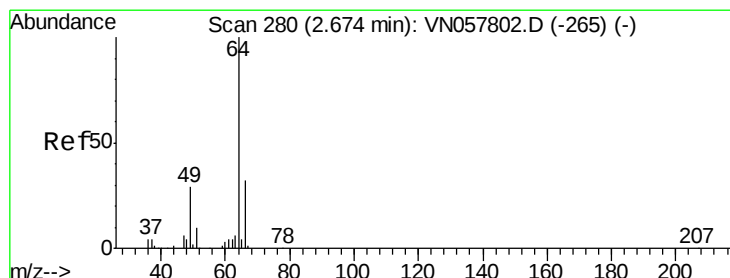
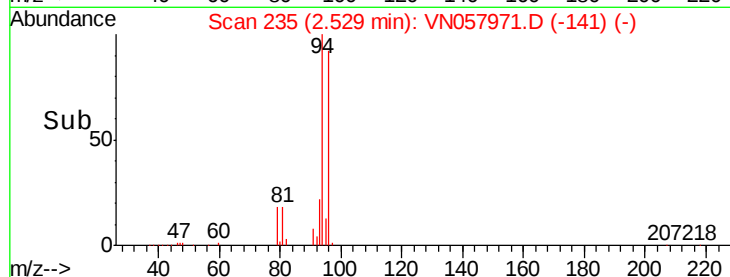
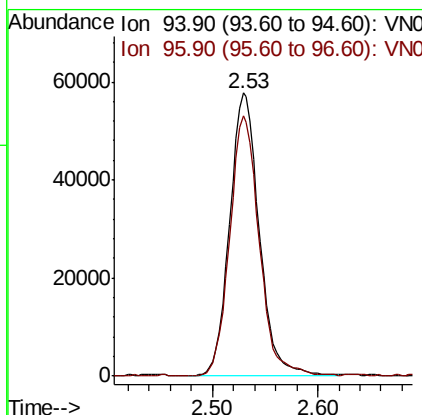
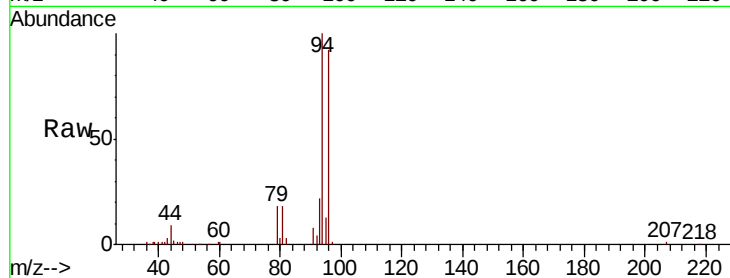




#5
Bromomethane
Concen: 42.883 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

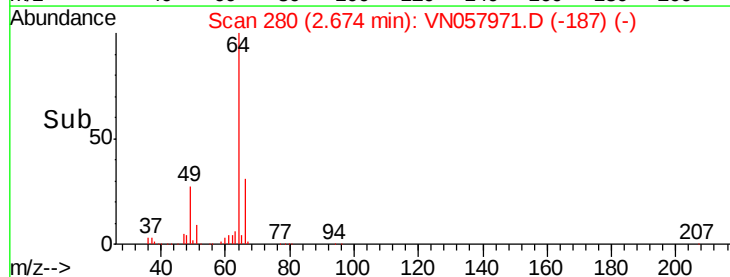
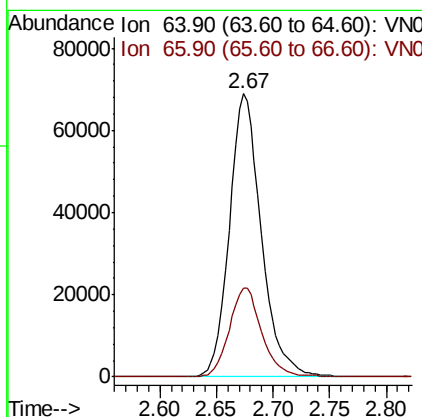
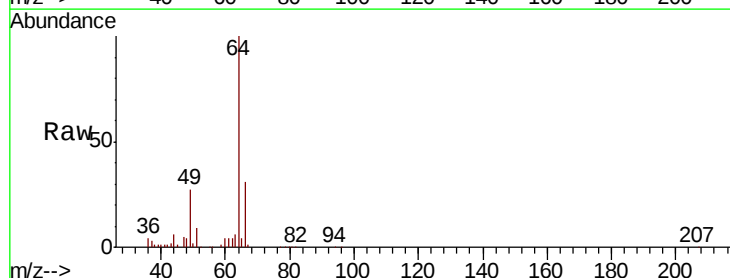
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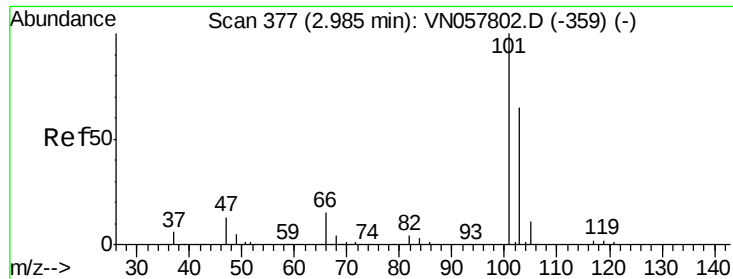
Tgt Ion: 94 Resp: 112456
Ion Ratio Lower Upper
94 100
96 92.1 77.0 115.4



#6
Chloroethane
Concen: 44.600 ug/l
RT: 2.67 min Scan# 280
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion: 64 Resp: 134940
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3



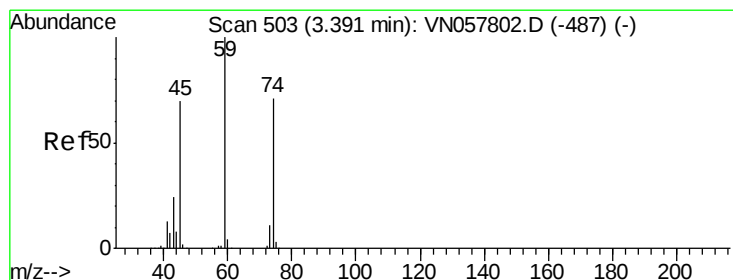
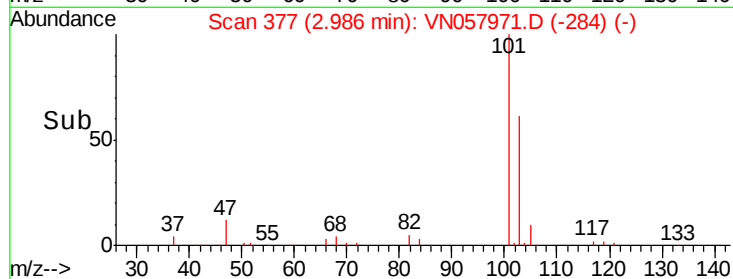
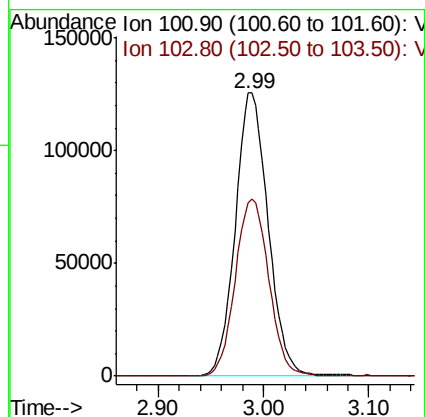
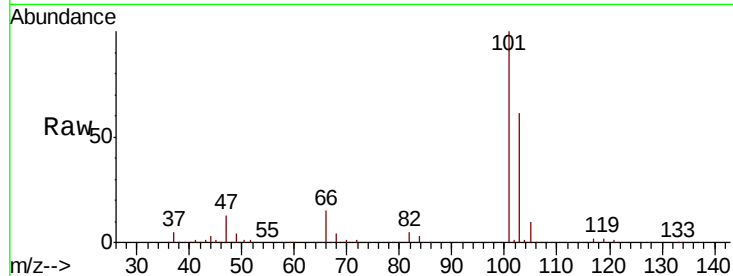


#7

Trichlorofluoromethane
 Concen: 45.433 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
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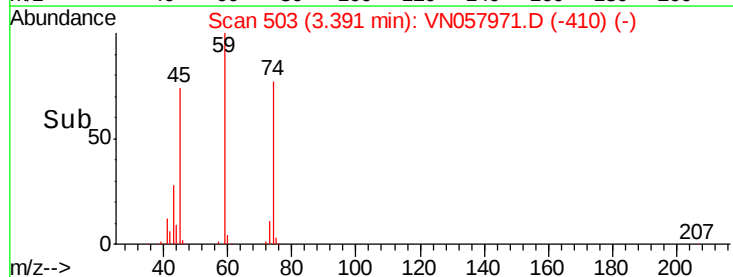
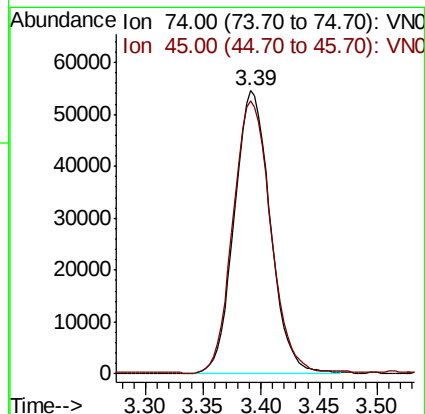
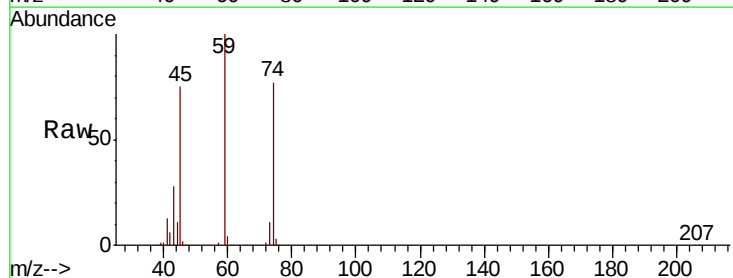
Tgt Ion:101 Resp: 271475
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.9 77.9

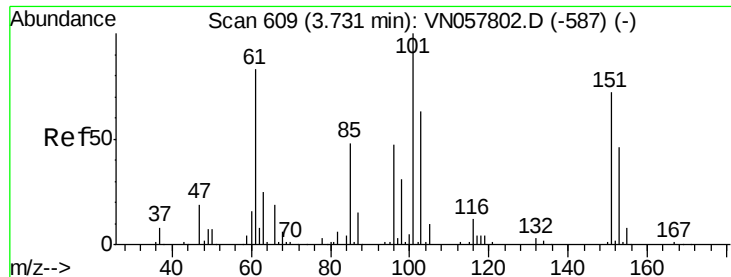


#8

Diethyl Ether
 Concen: 47.402 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 74 Resp: 118134
 Ion Ratio Lower Upper
 74 100
 45 101.0 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.932 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

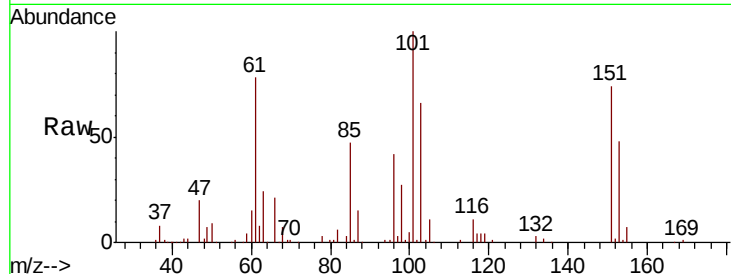
Tgt Ion:101 Resp: 184445

Ion Ratio Lower Upper

101 100

85 46.7 38.1 57.1

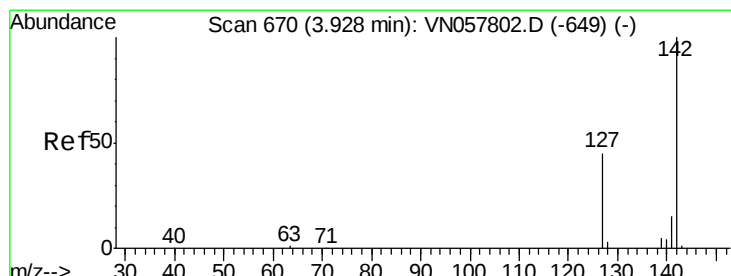
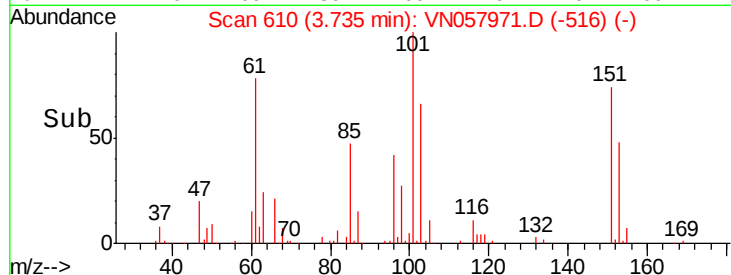
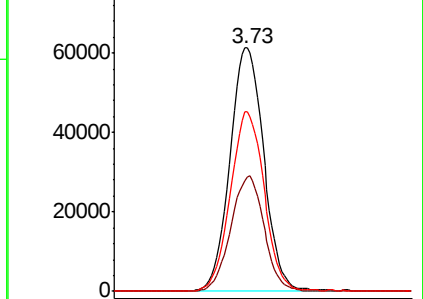
151 73.7 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.365 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

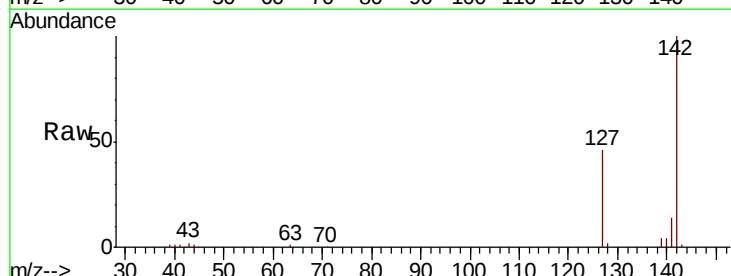
Tgt Ion:142 Resp: 186093

Ion Ratio Lower Upper

142 100

127 46.6 36.7 55.1

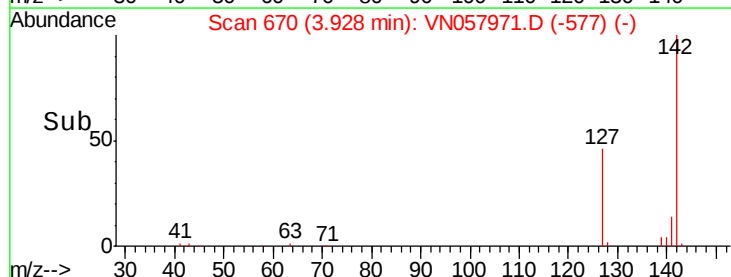
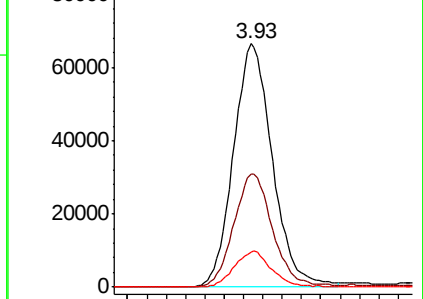
141 14.0 11.4 17.0

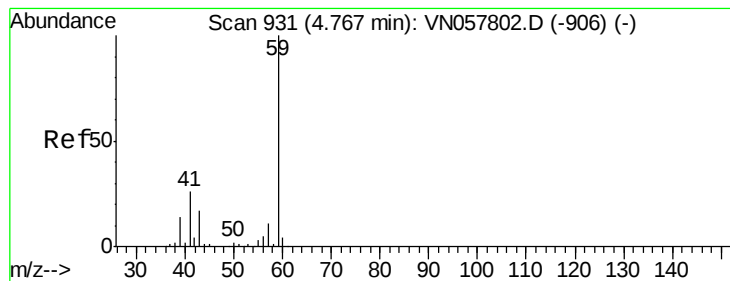


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 260.114 ug/l

RT: 4.77 min Scan# 932

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

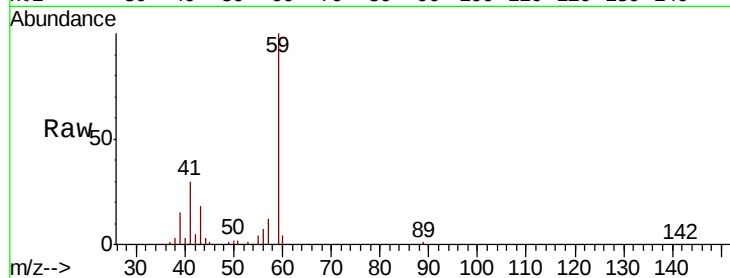
VSTDCCC050EC

Tgt Ion: 59 Resp: 202950

Ion Ratio Lower Upper

59 100

57 11.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VN057802.D (-906) (-)

Ion 57.00 (56.70 to 57.70): VN057802.D (-906) (-)

4.77

60000

50000

40000

30000

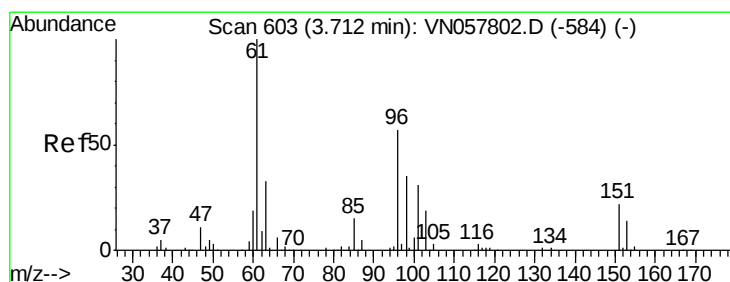
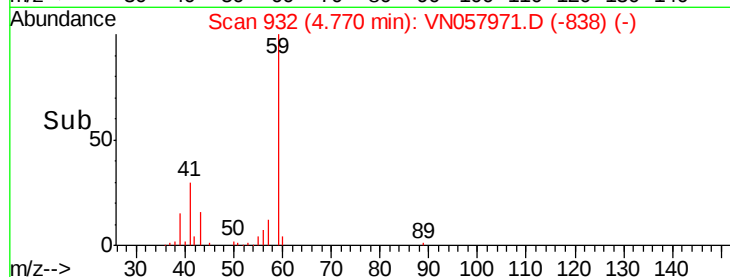
20000

10000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 45.882 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

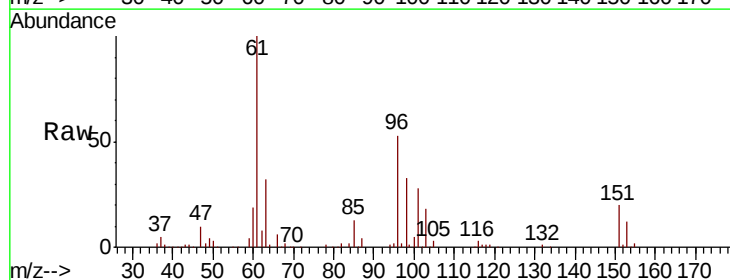
Tgt Ion: 96 Resp: 155500

Ion Ratio Lower Upper

96 100

61 188.0 141.2 211.8

98 62.2 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VN057802.D (-584) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-584) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-584) (-)

150000

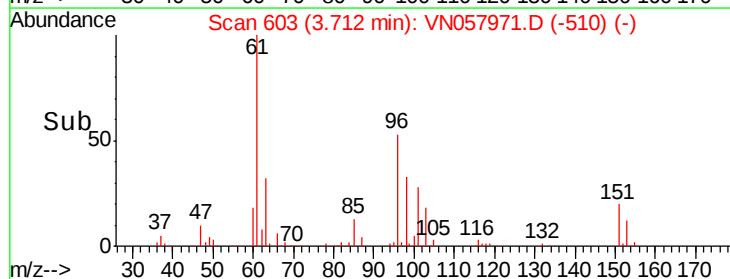
100000

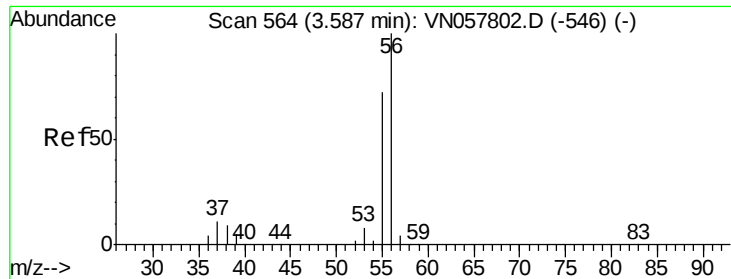
50000

0

Time-->

3.60 3.70 3.80

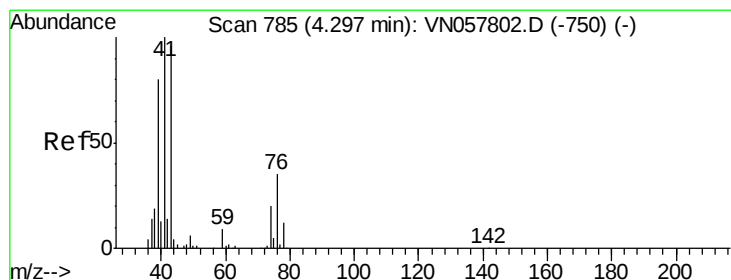
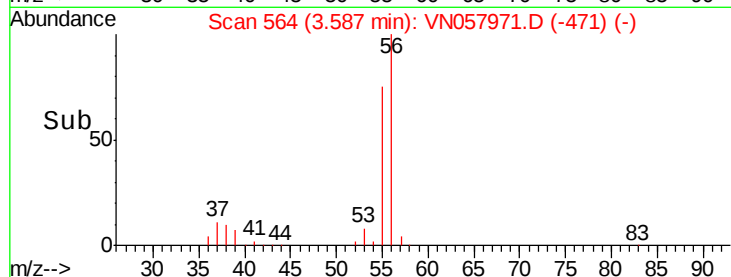
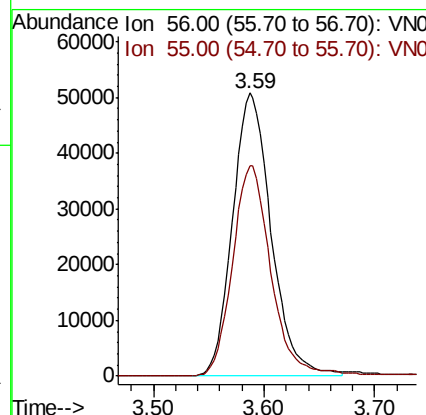
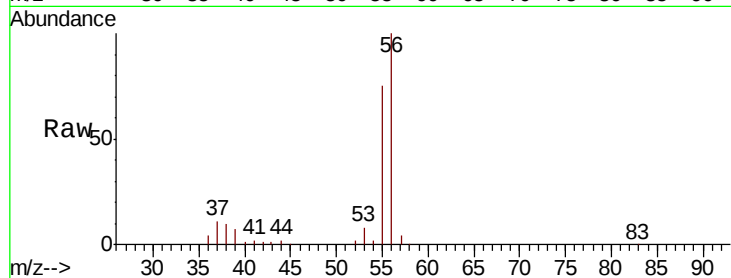




#13
 Acrolein
 Concen: 186.057 ug/l
 RT: 3.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

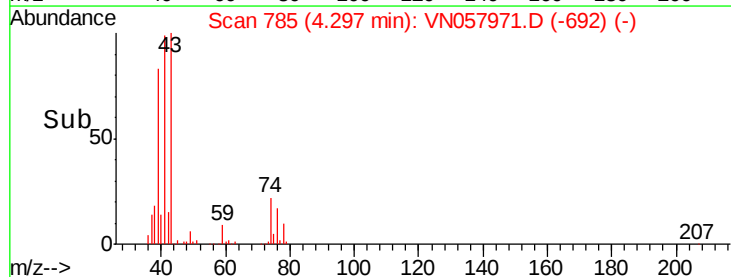
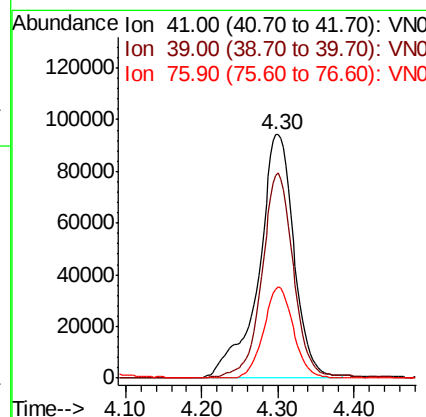
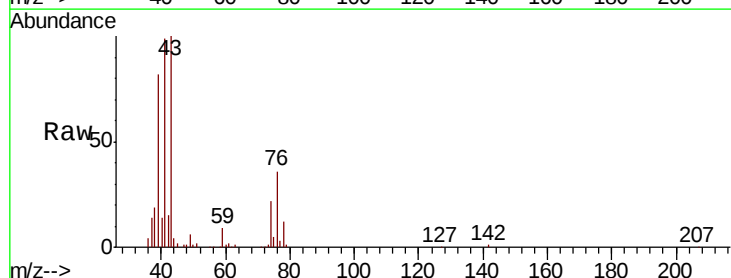
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 56 Resp: 123160
 Ion Ratio Lower Upper
 56 100
 55 73.1 57.3 85.9



#14
 Allyl chloride
 Concen: 45.788 ug/l
 RT: 4.30 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 41 Resp: 303693
 Ion Ratio Lower Upper
 41 100
 39 75.0 59.4 89.2
 76 31.7 26.0 39.0





#15

Acrylonitrile

Concen: 260.078 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

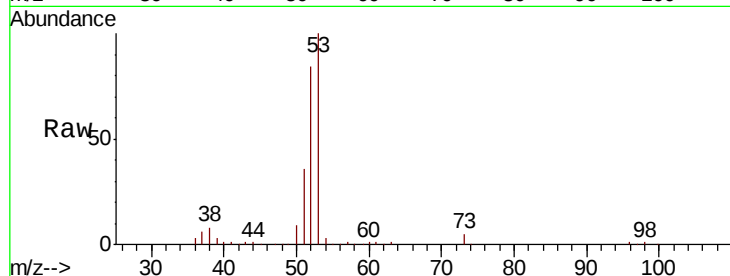
Tgt Ion: 53 Resp: 557751

Ion Ratio Lower Upper

53 100

52 84.0 66.6 100.0

51 37.8 29.8 44.8

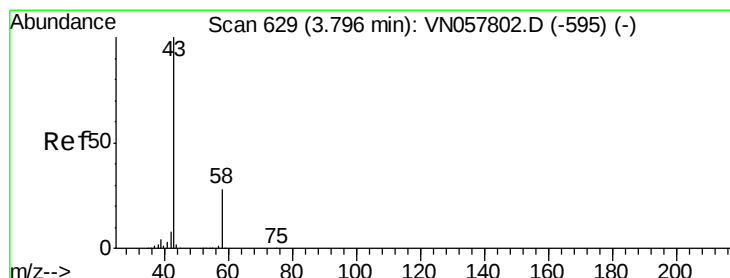
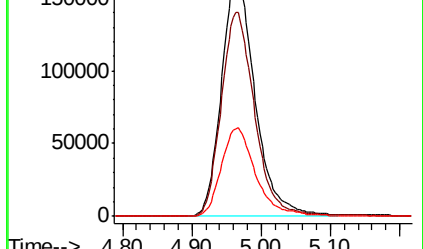
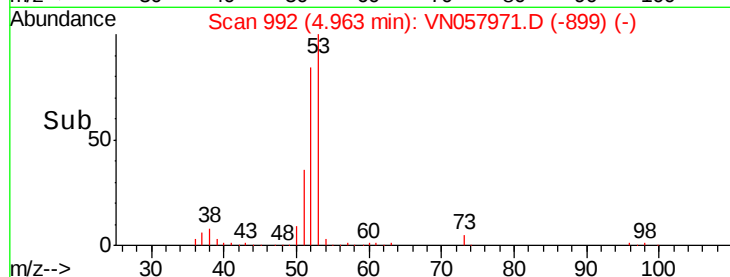


Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)

4.96



#16

Acetone

Concen: 225.483 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057971.D

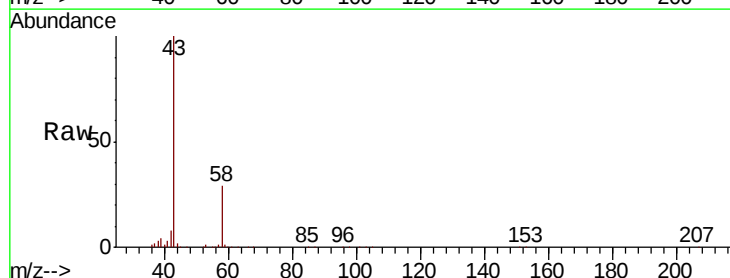
Acq: 12 Sep 2019 15:13

Tgt Ion: 43 Resp: 476511

Ion Ratio Lower Upper

43 100

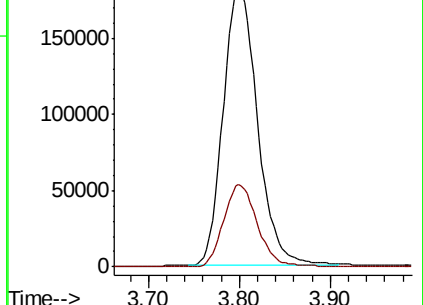
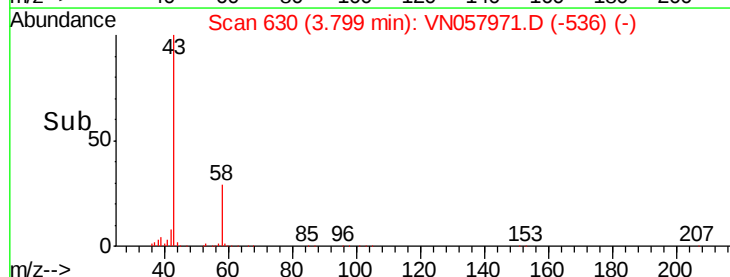
58 29.4 22.2 33.2

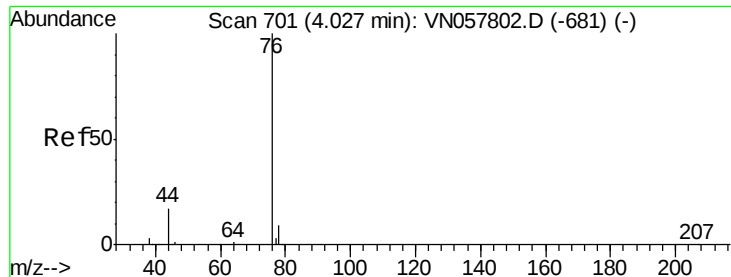


Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.80

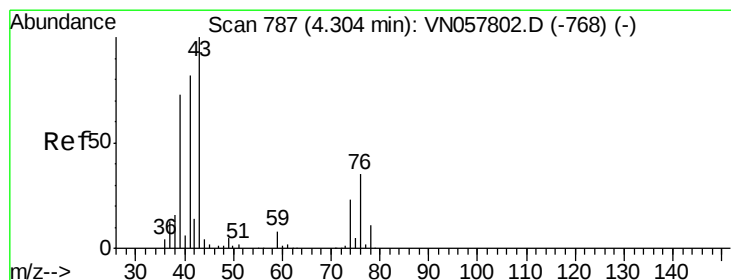
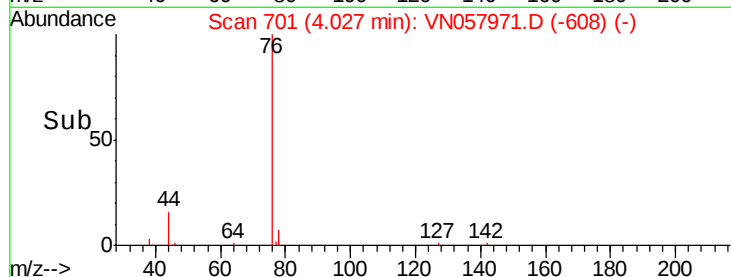
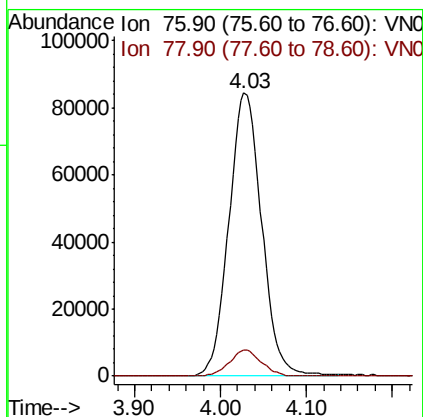
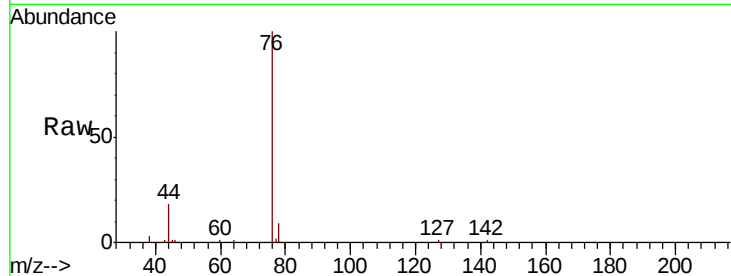




#17
Carbon Disulfide
Concen: 42.560 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

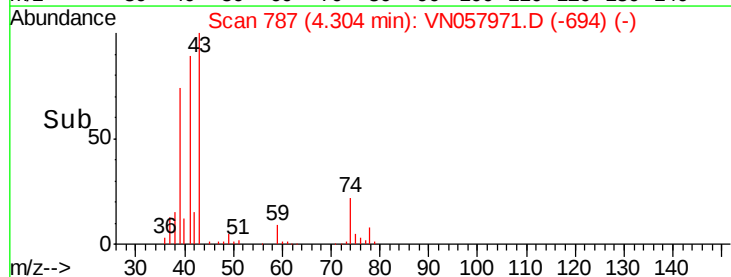
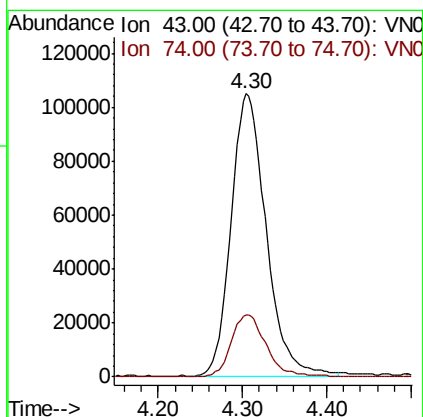
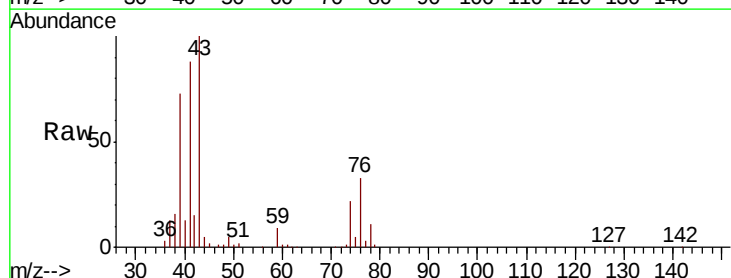
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

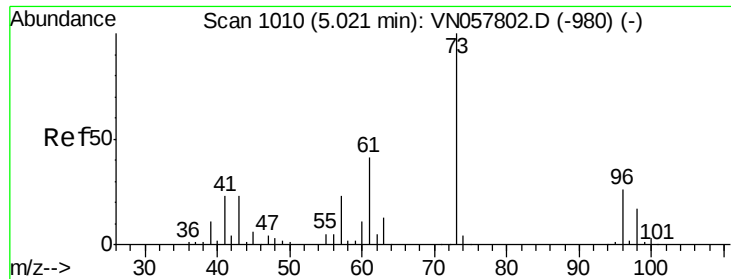
Tgt Ion: 76 Resp: 224374
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 53.640 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion: 43 Resp: 302244
Ion Ratio Lower Upper
43 100
74 21.7 17.9 26.9

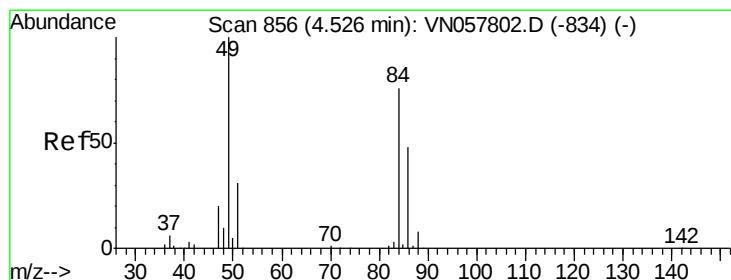
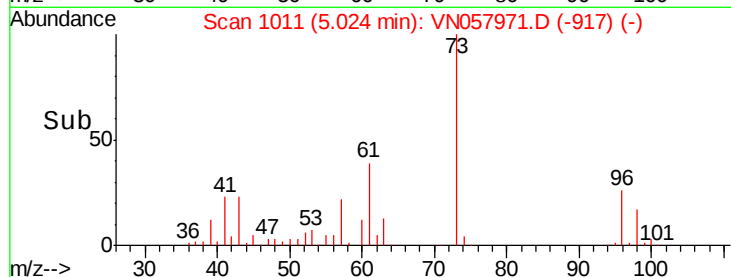
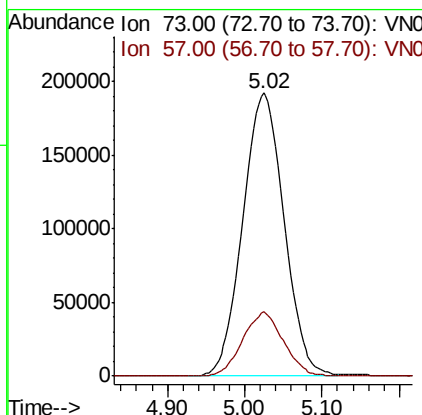
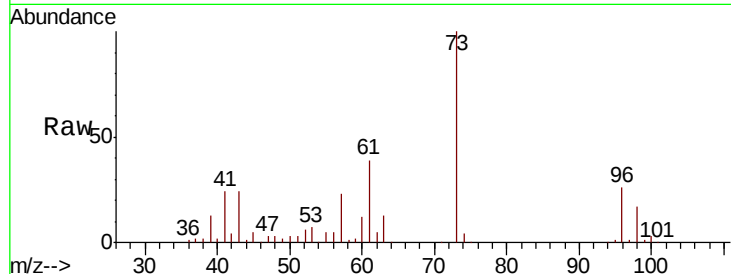




#19
Methyl tert-butyl Ether
Concen: 50.662 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

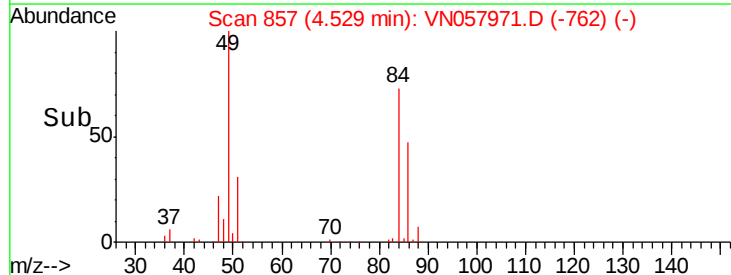
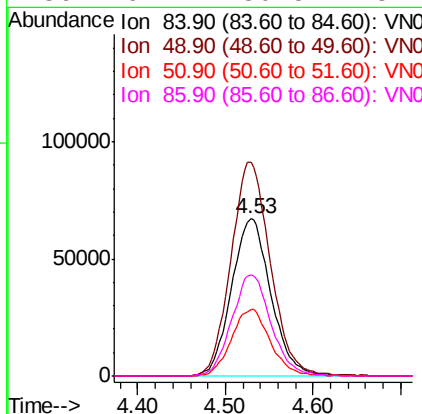
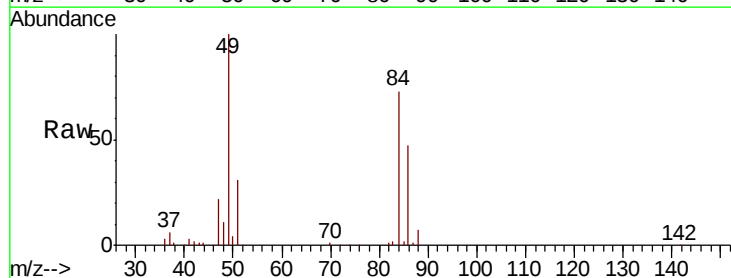
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

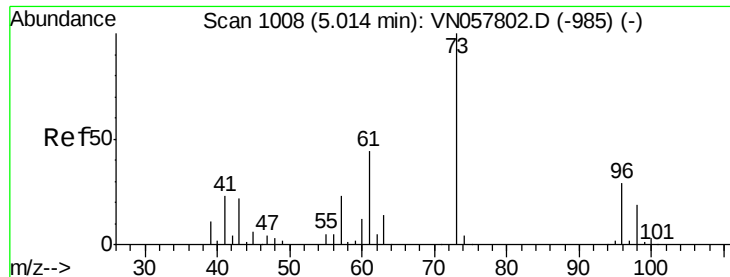
Tgt Ion: 73 Resp: 714547
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 52.197 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion: 84 Resp: 209775
Ion Ratio Lower Upper
84 100
49 135.9 104.8 157.2
51 42.4 33.0 49.4
86 64.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.593 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

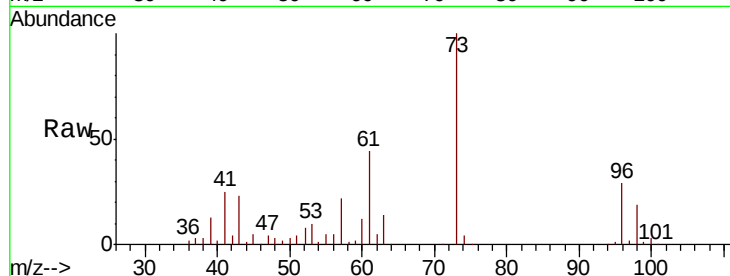
Tgt Ion: 96 Resp: 167037

Ion Ratio Lower Upper

96 100

61 151.7 121.9 182.9

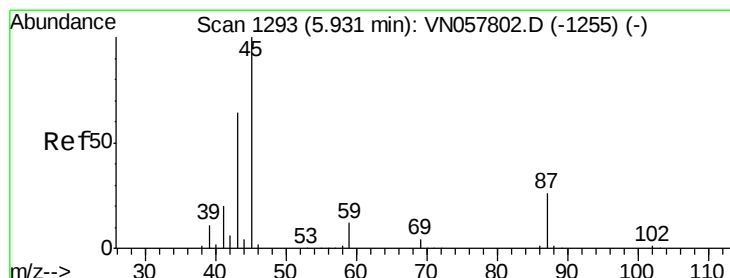
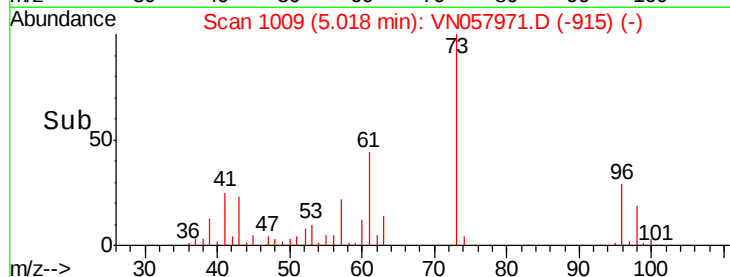
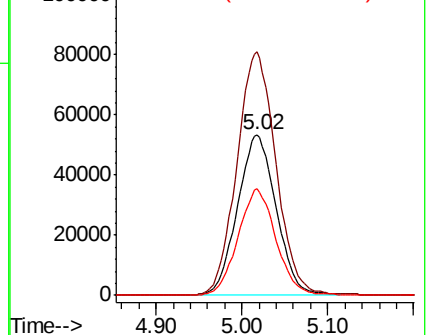
98 66.7 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VN057971.D (-1200) (-)

Ion 60.90 (60.60 to 61.60): VN057971.D (-1200) (-)

Ion 97.90 (97.60 to 98.60): VN057971.D (-1200) (-)



#22

Diisopropyl ether

Concen: 50.303 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Tgt Ion: 45 Resp: 782417

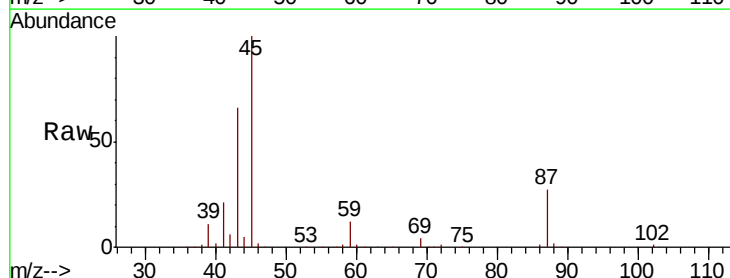
Ion Ratio Lower Upper

45 100

43 63.5 51.4 77.2

87 27.1 21.3 31.9

59 11.7 9.3 13.9

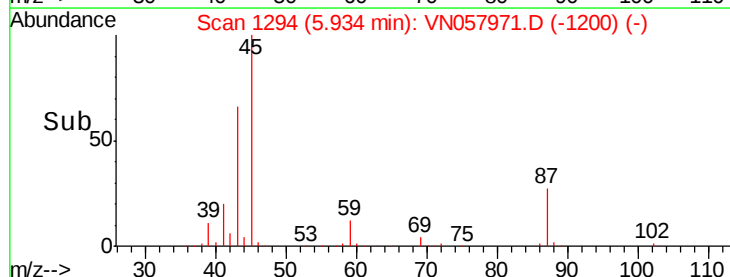
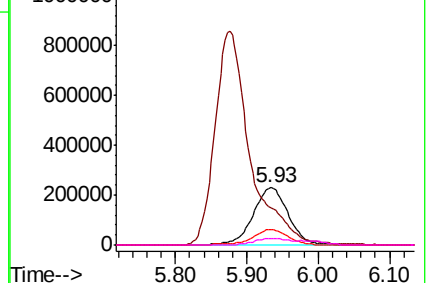


Abundance Ion 45.00 (44.70 to 45.70): VN057971.D (-1200) (-)

Ion 43.00 (42.70 to 43.70): VN057971.D (-1200) (-)

Ion 87.00 (86.70 to 87.70): VN057971.D (-1200) (-)

Ion 59.00 (58.70 to 59.70): VN057971.D (-1200) (-)

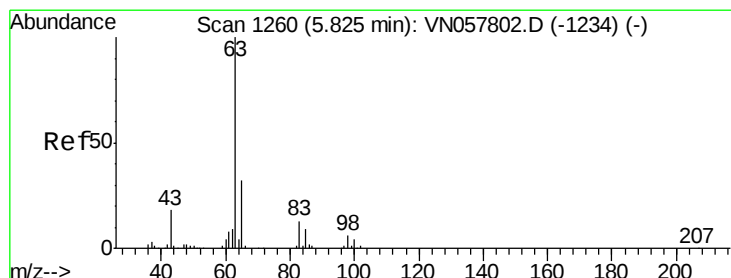
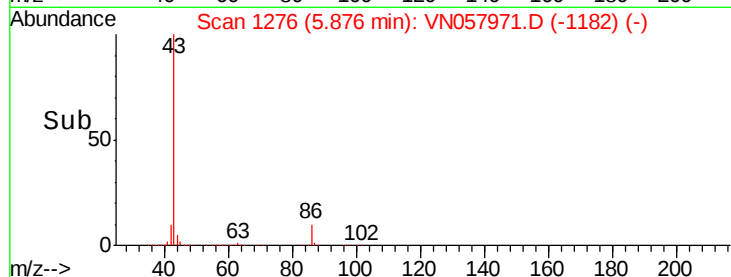
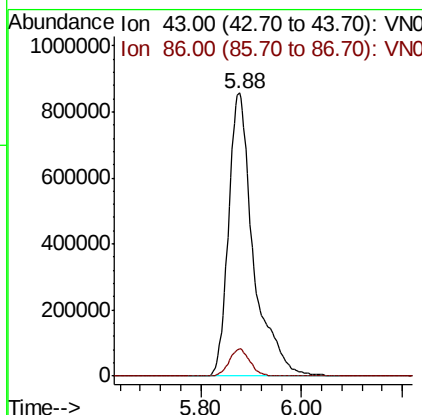
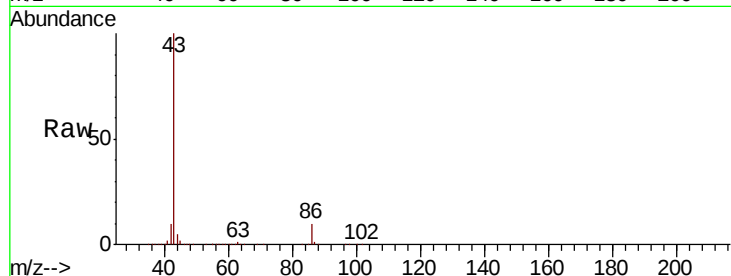




#23
 Vinyl Acetate
 Concen: 266.105 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

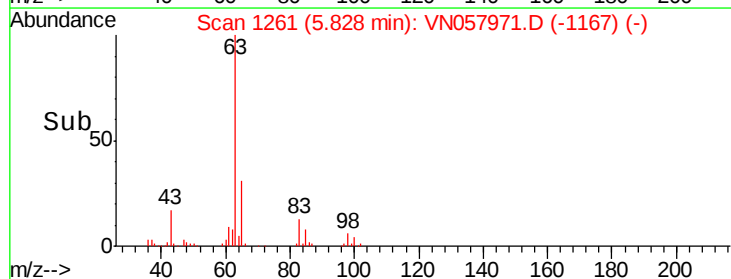
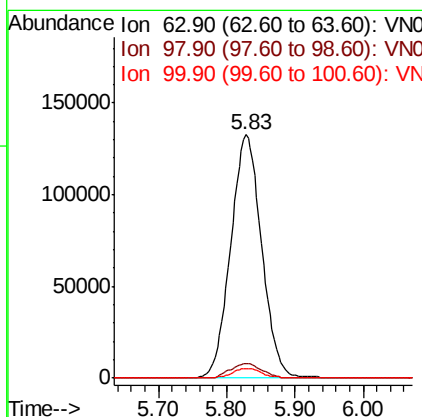
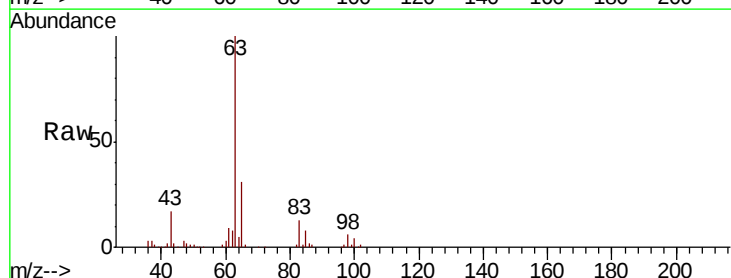
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

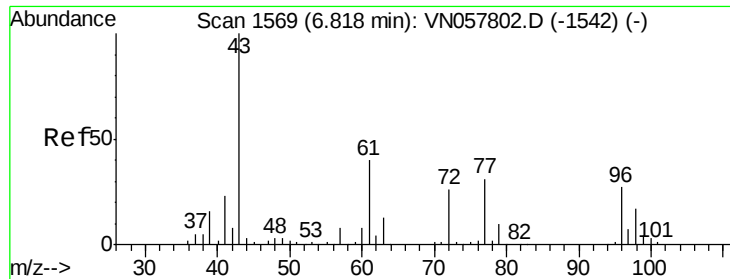
Tgt Ion: 43 Resp: 2933303
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 49.231 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 63 Resp: 418492
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 253.144 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

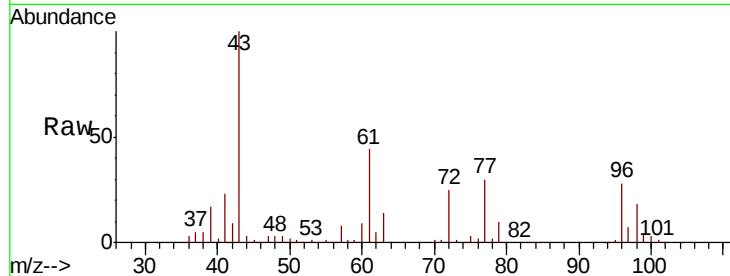
VSTDCCC050EC

Tgt Ion: 43 Resp: 774287

Ion Ratio Lower Upper

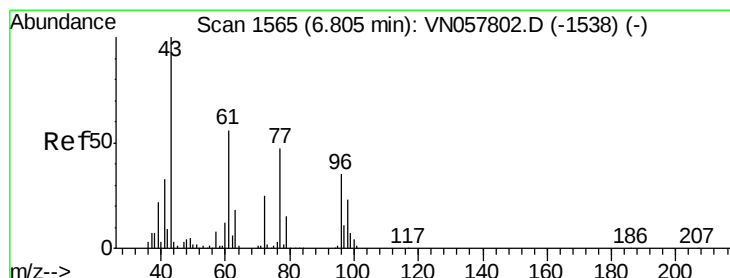
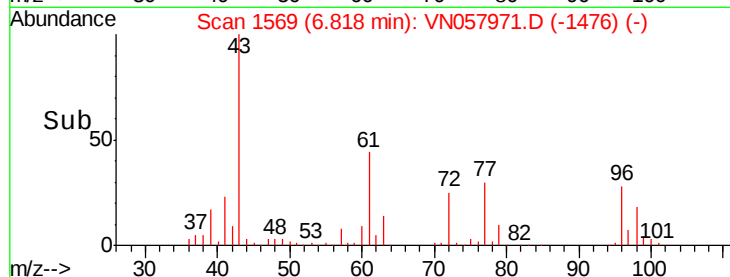
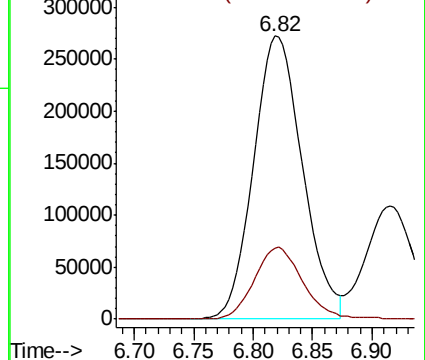
43 100

72 25.3 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 45.373 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057971.D

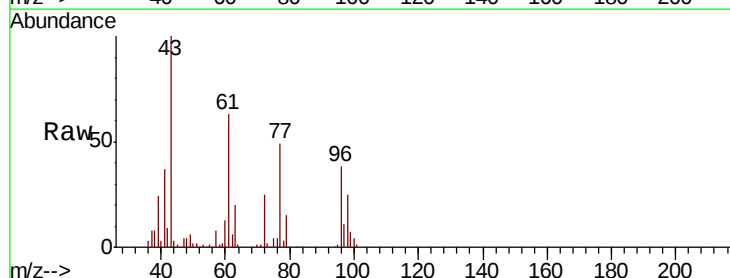
Acq: 12 Sep 2019 15:13

Tgt Ion: 77 Resp: 305232

Ion Ratio Lower Upper

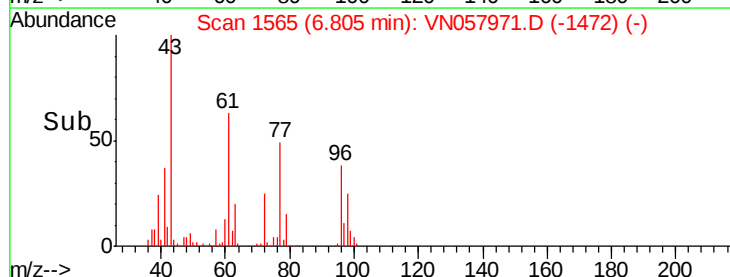
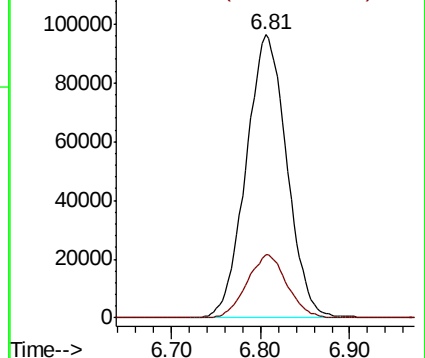
77 100

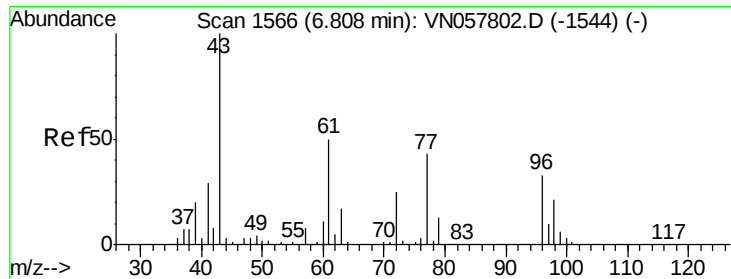
97 22.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 48.134 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

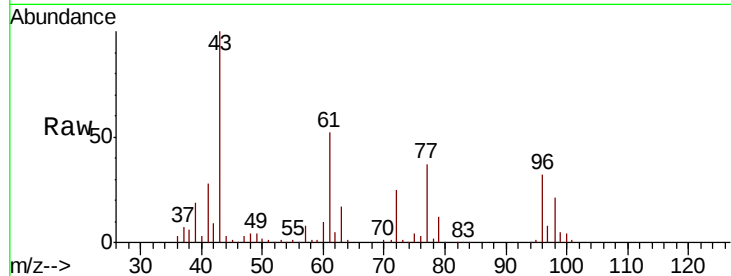
Tgt Ion: 96 Resp: 236329

Ion Ratio Lower Upper

96 100

61 159.9 0.0 314.0

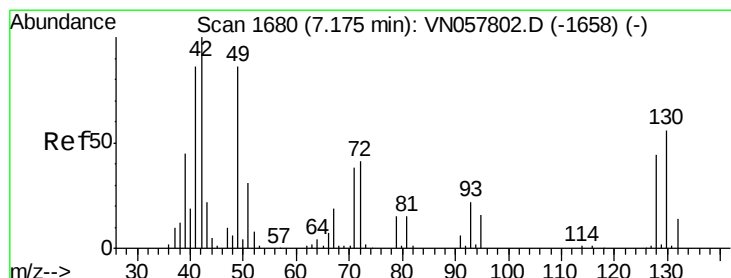
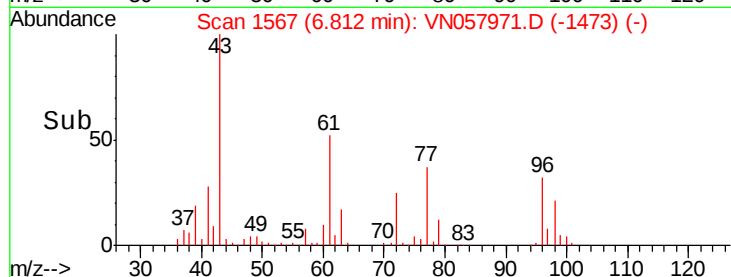
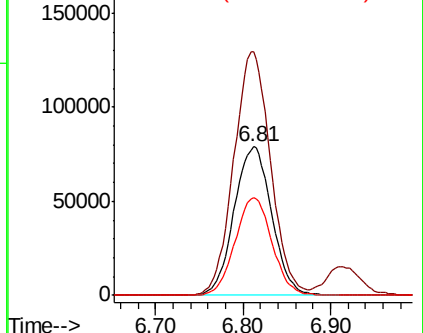
98 64.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN057971.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN057971.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN057971.D (-1544) (-)



#28

Bromochloromethane

Concen: 49.380 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

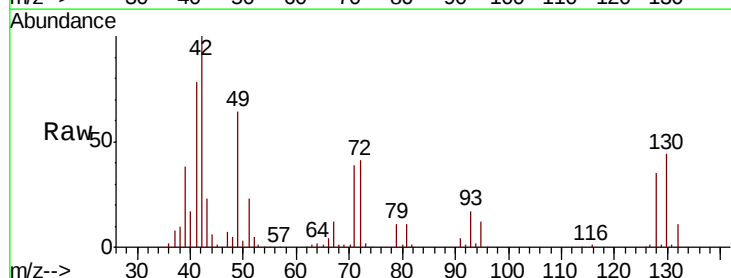
Tgt Ion: 49 Resp: 209709

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

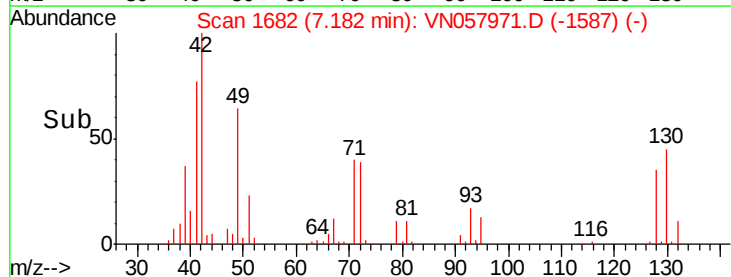
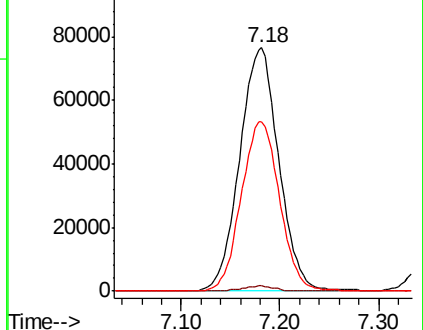
130 68.2 53.0 79.6

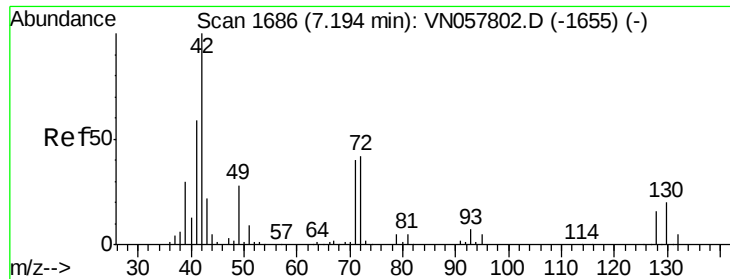


Abundance Ion 48.90 (48.60 to 49.60): VN057971.D (-1587) (-)

Ion 128.80 (128.50 to 129.50): VN057971.D (-1587) (-)

Ion 129.80 (129.50 to 130.50): VN057971.D (-1587) (-)





#29

Tetrahydrofuran

Concen: 262.749 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

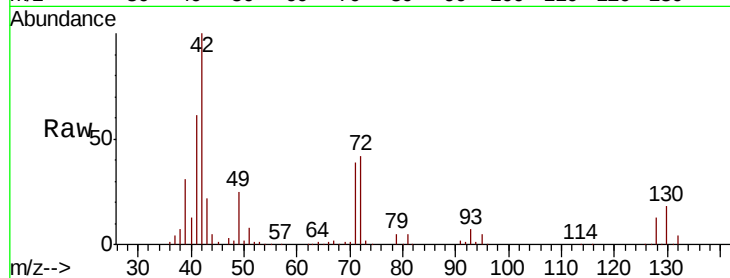
Tgt Ion: 42 Resp: 495221

Ion Ratio Lower Upper

42 100

72 41.7 33.7 50.5

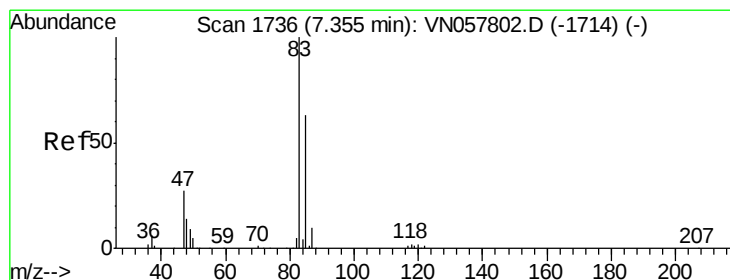
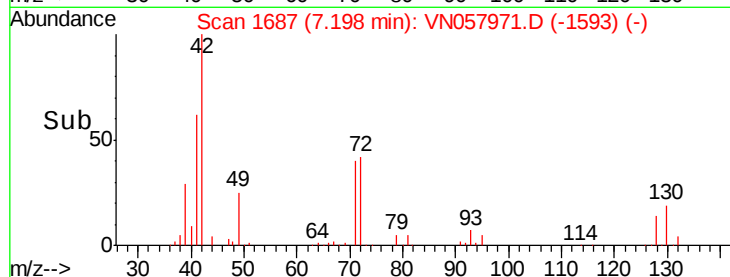
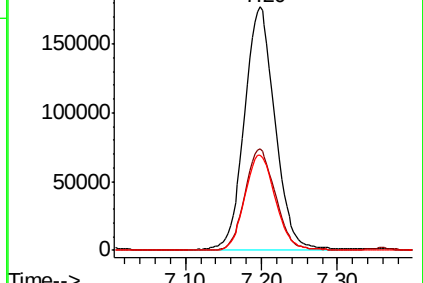
71 39.6 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.255 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057971.D

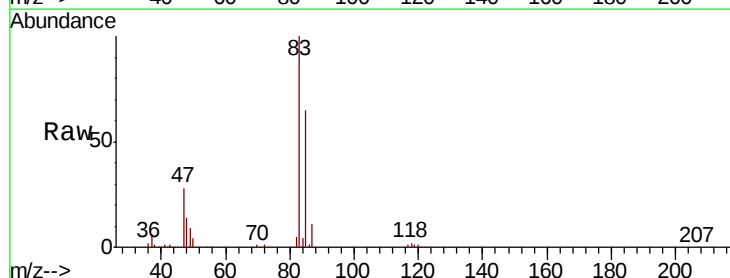
Acq: 12 Sep 2019 15:13

Tgt Ion: 83 Resp: 437790

Ion Ratio Lower Upper

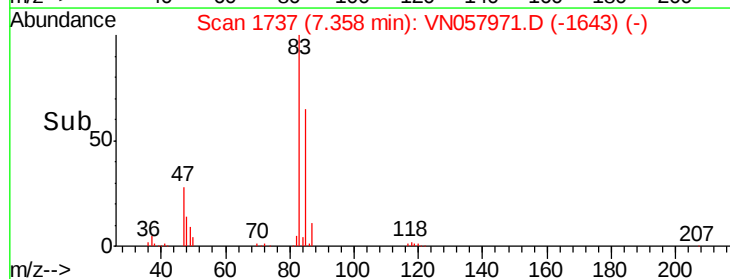
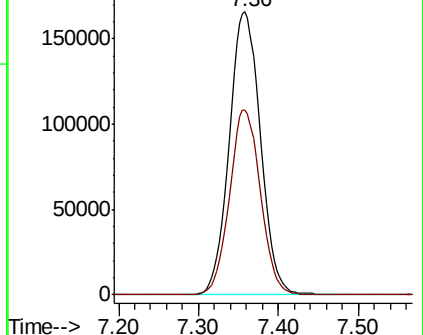
83 100

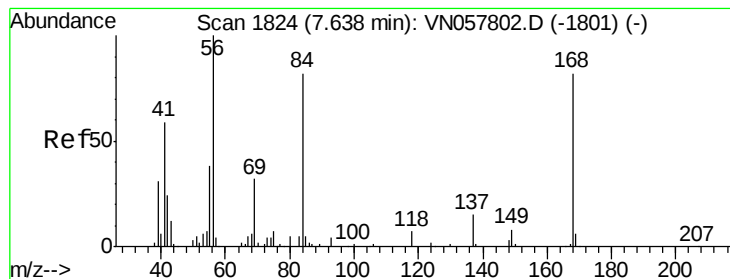
85 65.3 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.932 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

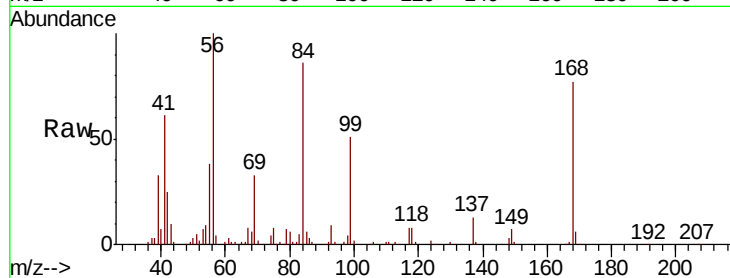
Tgt Ion: 56 Resp: 294801

Ion Ratio Lower Upper

56 100

69 32.8 25.9 38.9

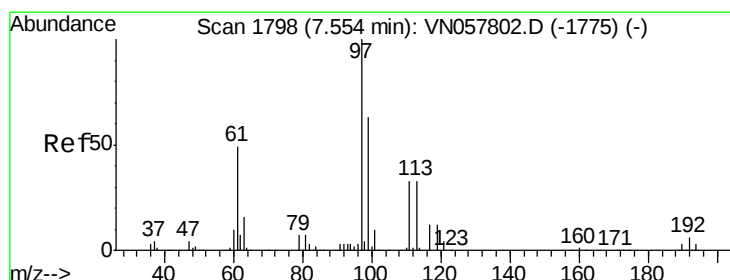
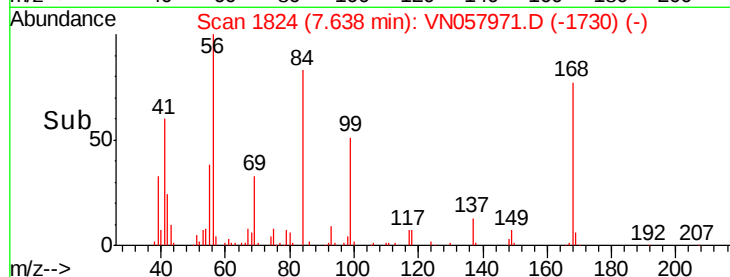
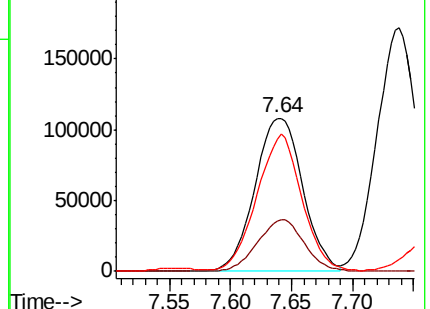
84 84.7 65.6 98.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.293 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

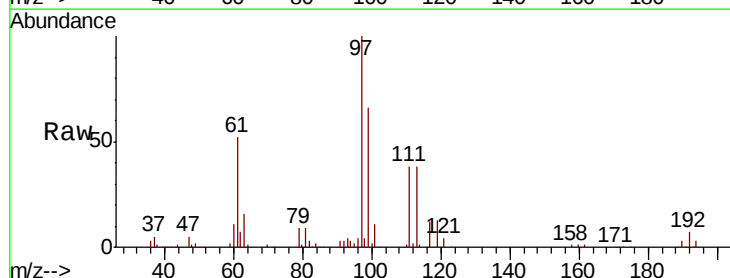
Tgt Ion: 97 Resp: 347480

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

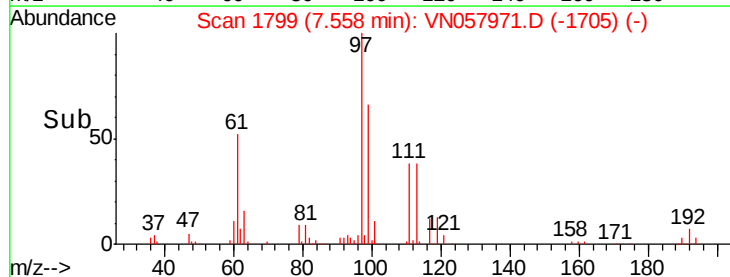
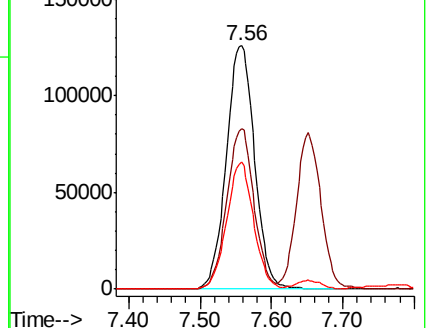
61 49.8 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

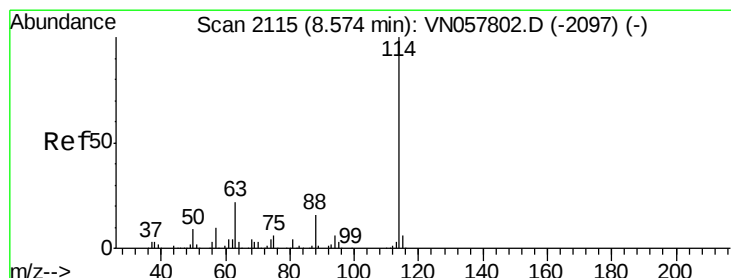
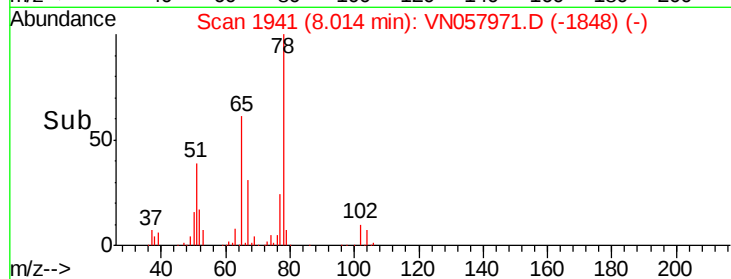
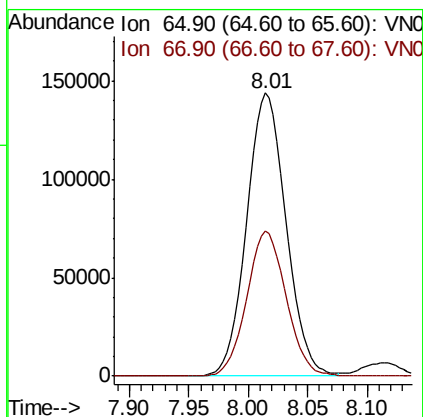
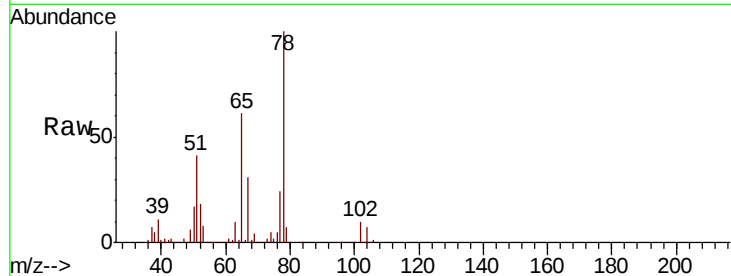




#33
 1,2-Dichloroethane-d4
 Concen: 51.182 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

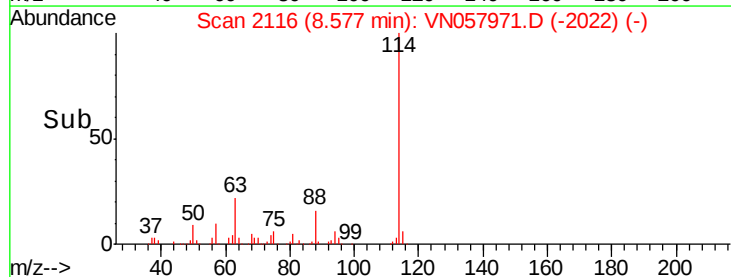
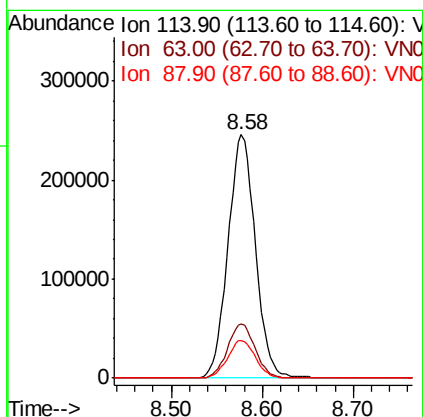
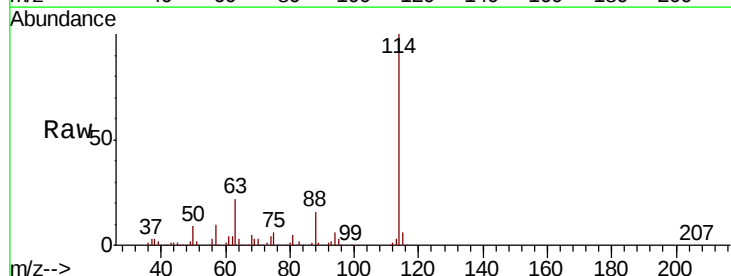
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 329946
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 114 Resp: 514029
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 15.6 0.0 31.4

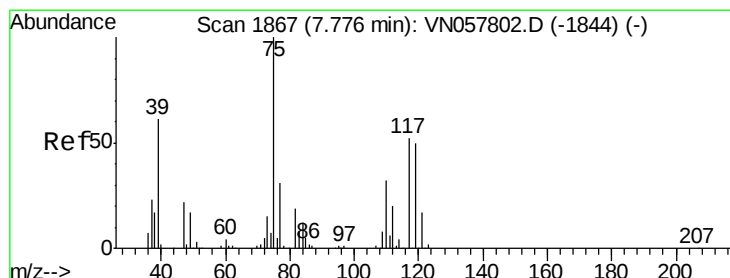
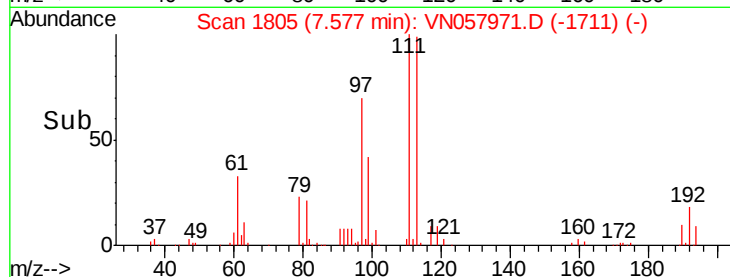
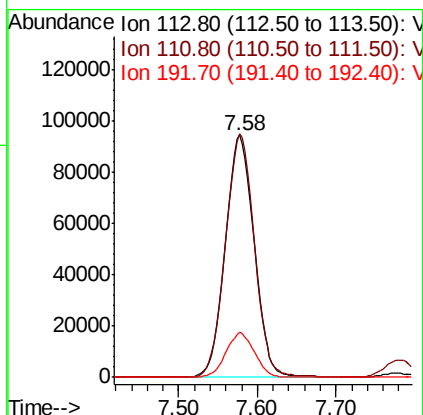
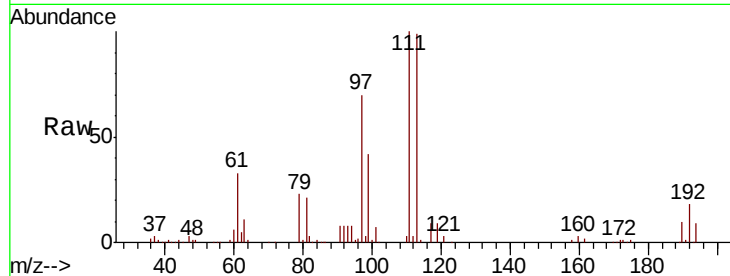




#35
 Dibromofluoromethane
 Concen: 50.535 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

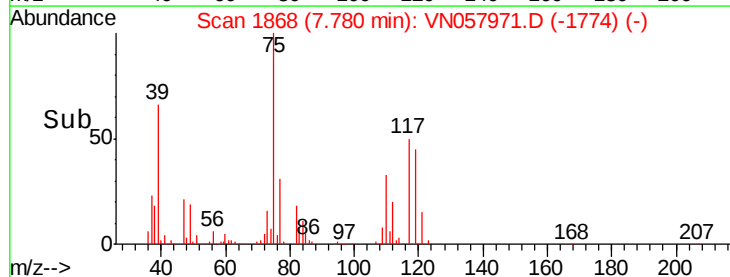
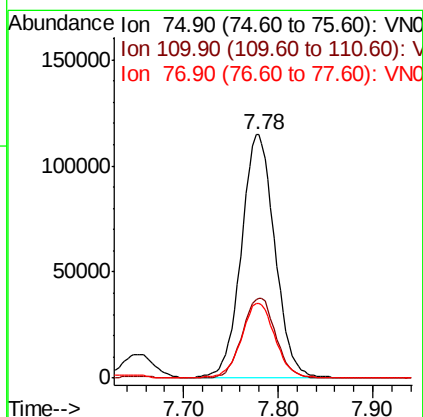
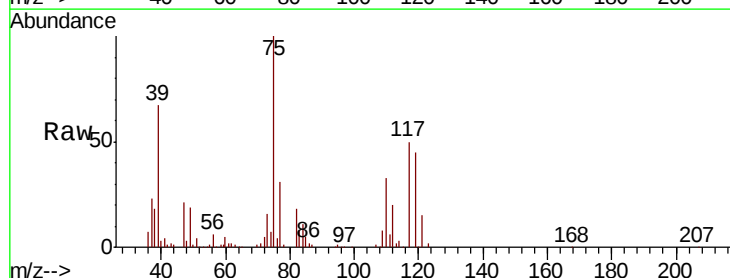
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 239751
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.3 121.9
 192 18.1 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 47.025 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 75 Resp: 280334
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.3 48.9
 77 31.3 25.0 37.4

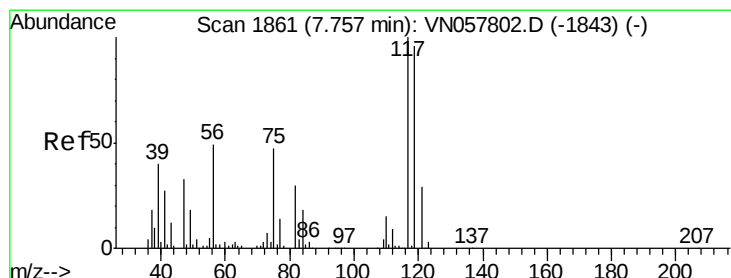
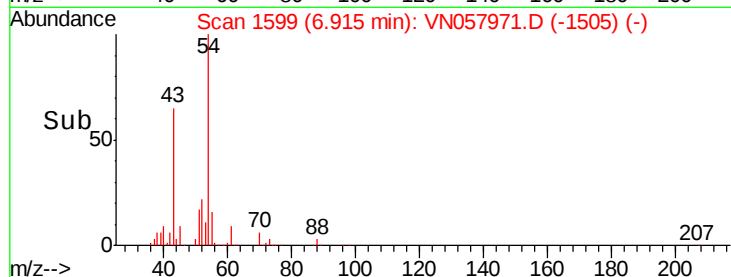
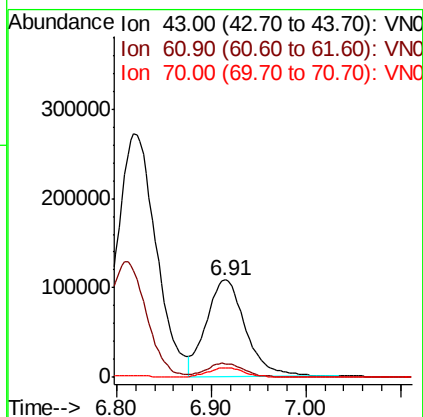
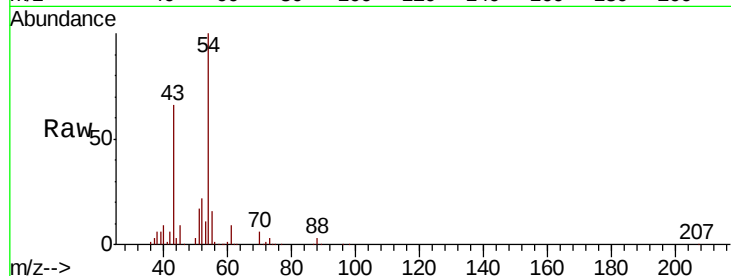




#37
 Ethyl Acetate
 Concen: 50.723 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

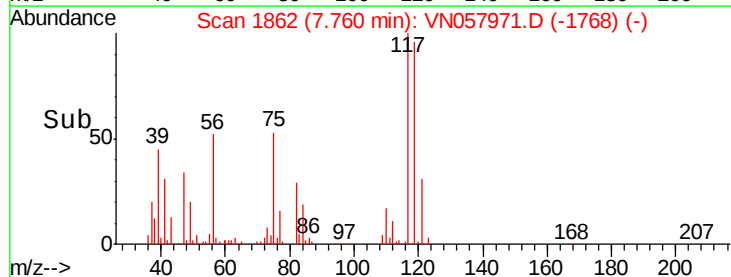
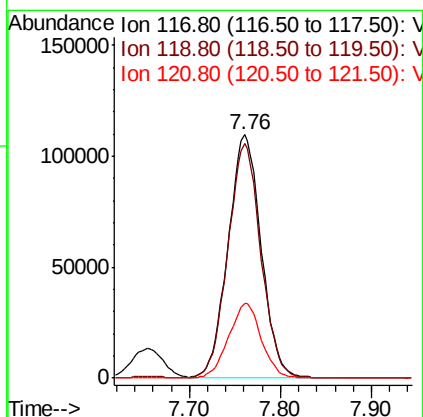
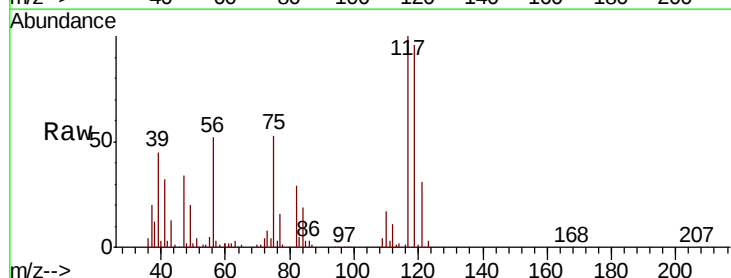
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

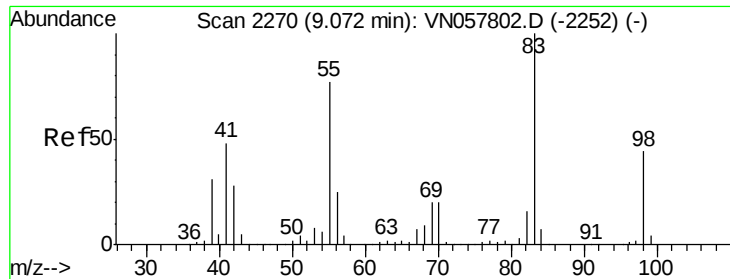
Tgt Ion: 43 Resp: 312415
 Ion Ratio Lower Upper
 43 100
 61 14.1 10.5 15.7
 70 9.4 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 51.041 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 117 Resp: 277802
 Ion Ratio Lower Upper
 117 100
 119 96.0 76.9 115.3
 121 30.7 23.4 35.2

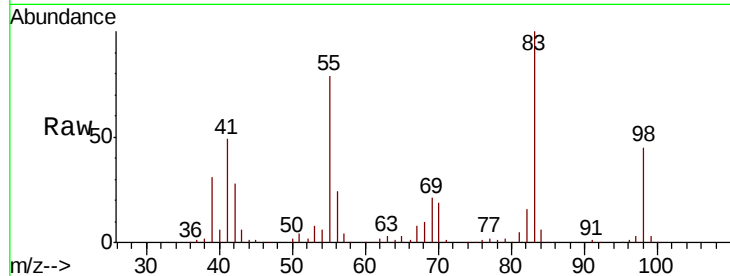




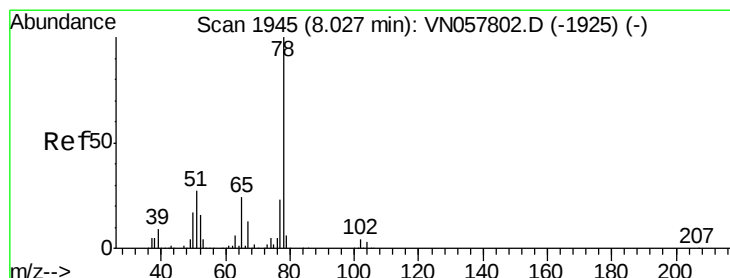
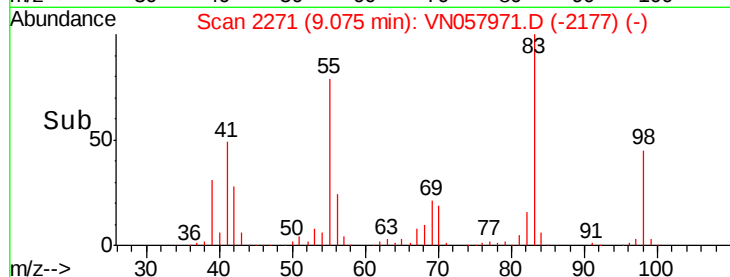
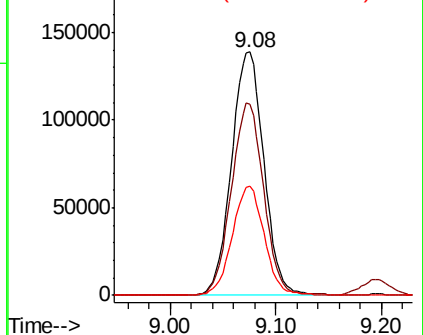
#39
Methylcyclohexane
Concen: 47.298 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.6	92.4
98	44.9	34.9	52.3

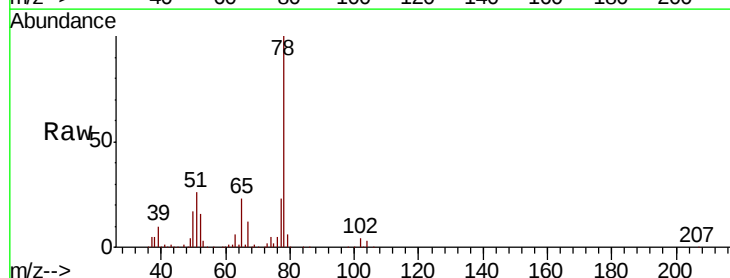


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

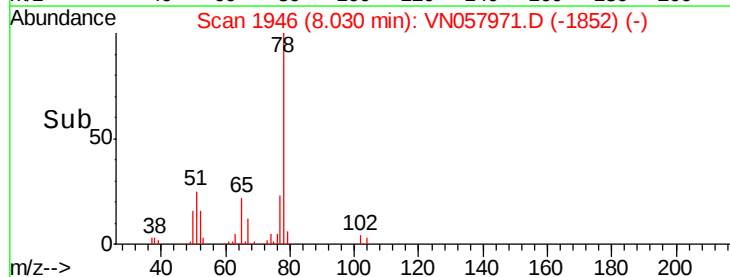
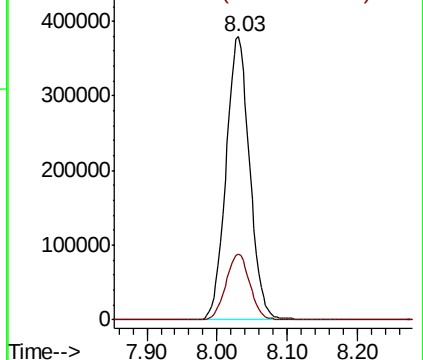


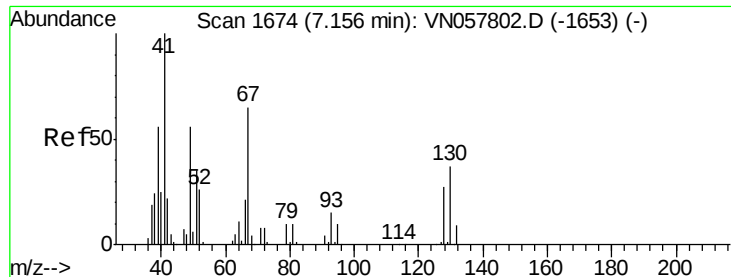
#40
Benzene
Concen: 49.608 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5



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

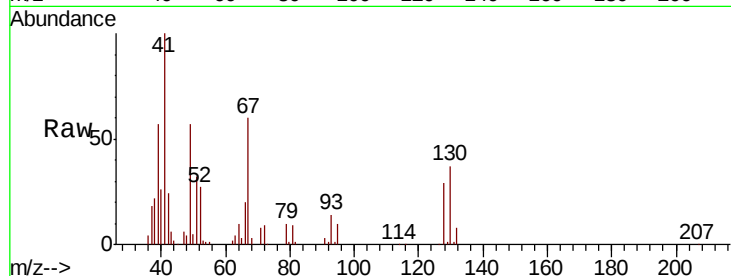




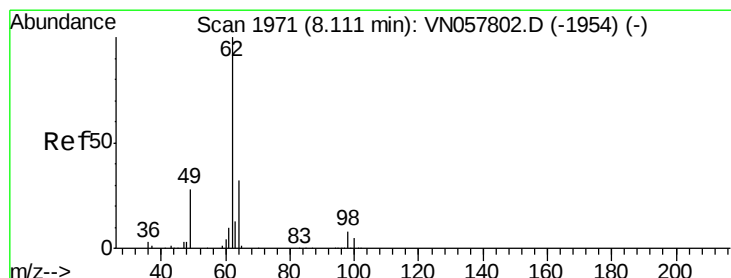
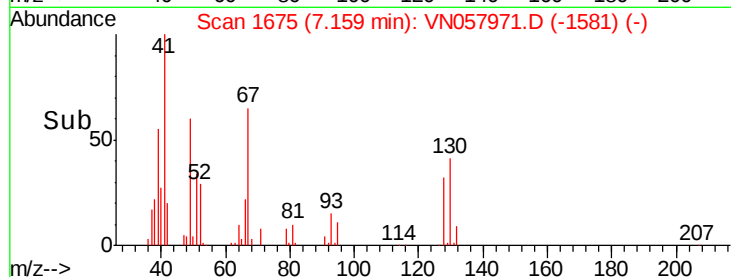
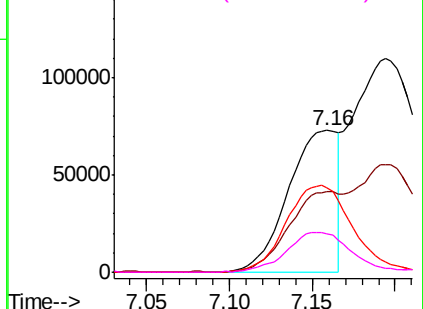
#41
Methacrylonitrile
Concen: 54.202 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 151543
Ion Ratio Lower Upper
41 100
39 61.3 51.0 76.6
67 82.6 70.7 106.1
52 37.4 30.8 46.2

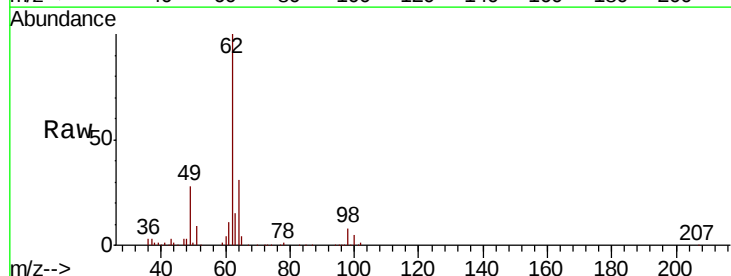


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

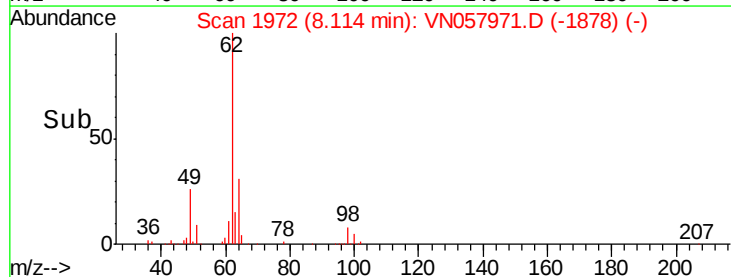
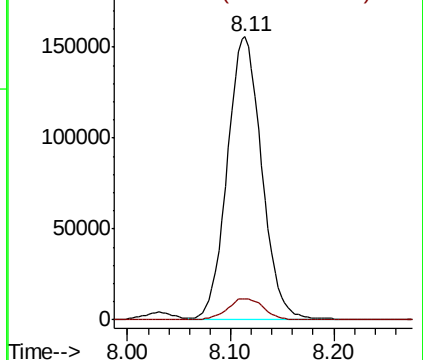


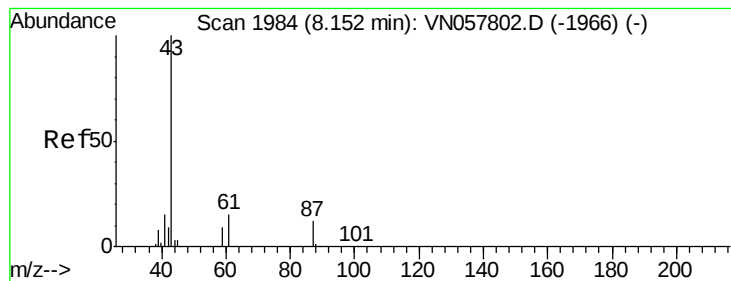
#42
1,2-Dichloroethane
Concen: 50.276 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion: 62 Resp: 360878
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.663 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

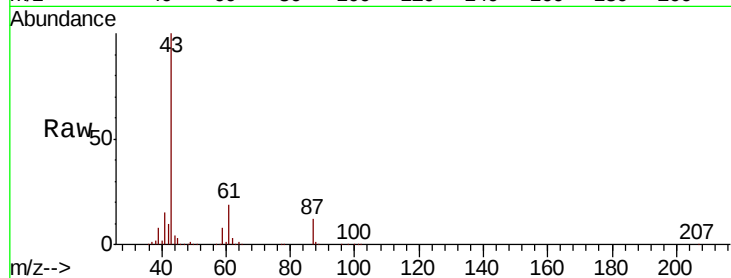
Tgt Ion: 43 Resp: 545474

Ion Ratio Lower Upper

43 100

61 18.8 20.1 30.1#

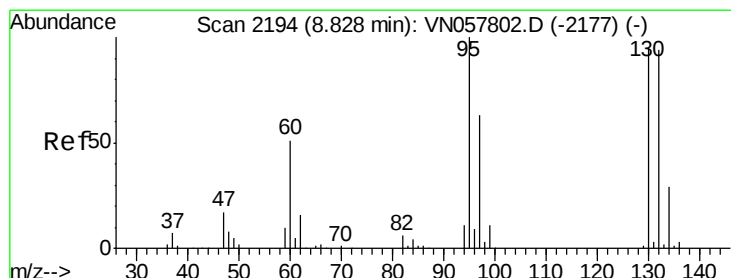
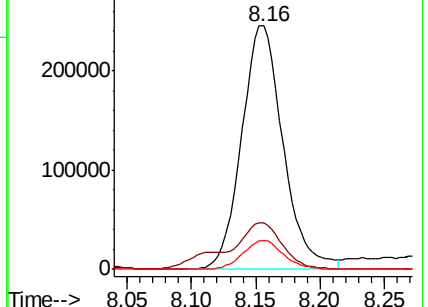
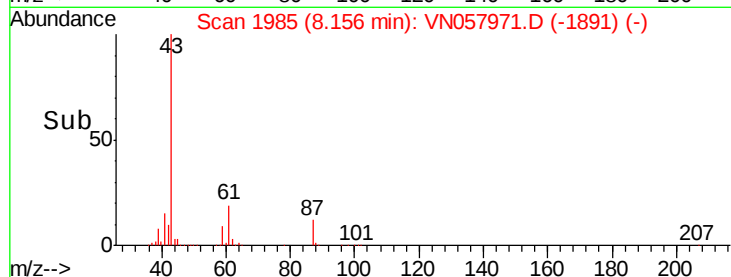
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057971.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN057971.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN057971.D (-1984) (-)



#44

Trichloroethene

Concen: 48.421 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057971.D

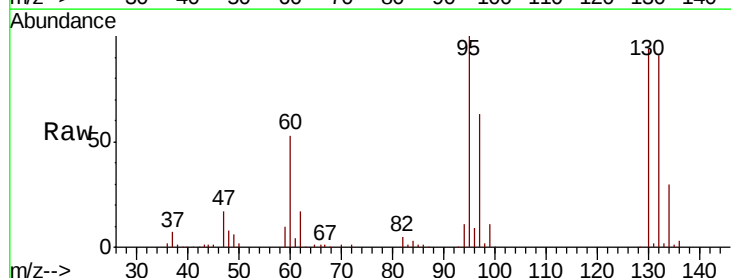
Acq: 12 Sep 2019 15:13

Tgt Ion: 130 Resp: 213151

Ion Ratio Lower Upper

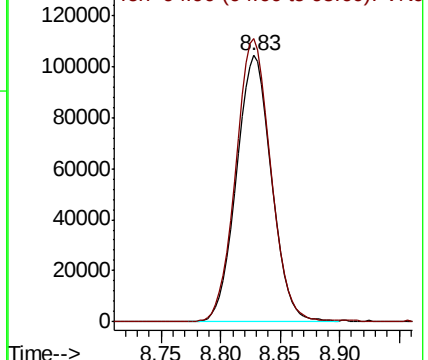
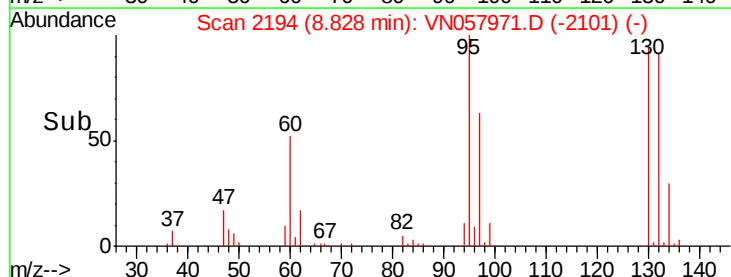
130 100

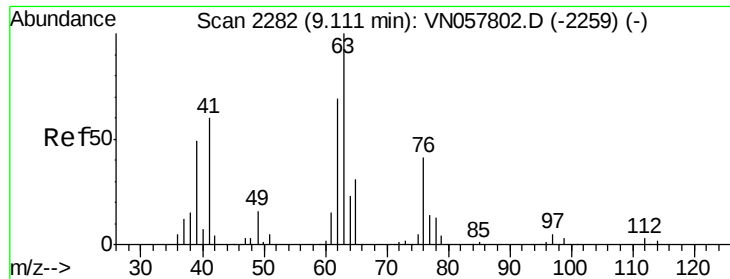
95 106.3 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057971.D (-2194) (-)

Ion 94.90 (94.60 to 95.60): VN057971.D (-2194) (-)

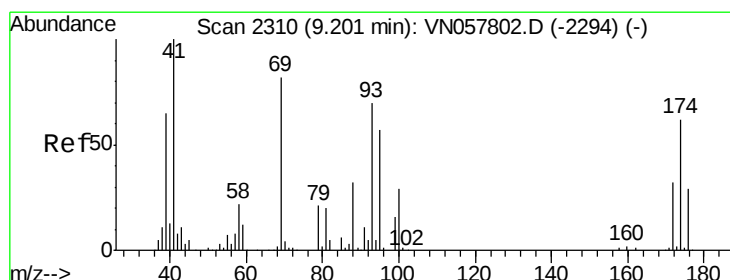
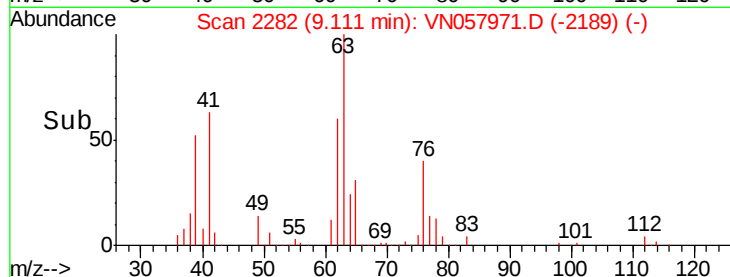
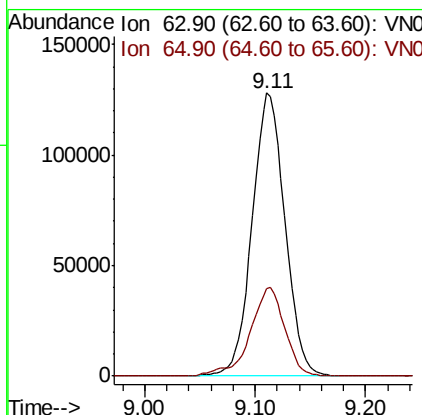
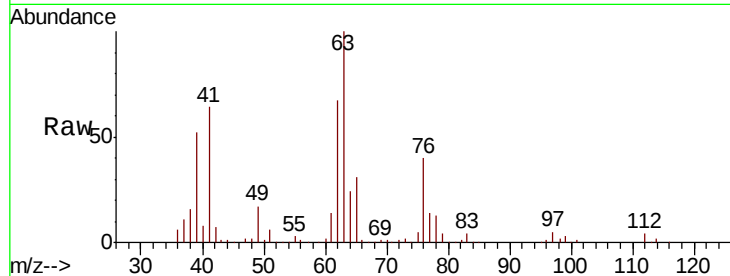




#45
 1,2-Dichloropropane
 Concen: 50.538 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

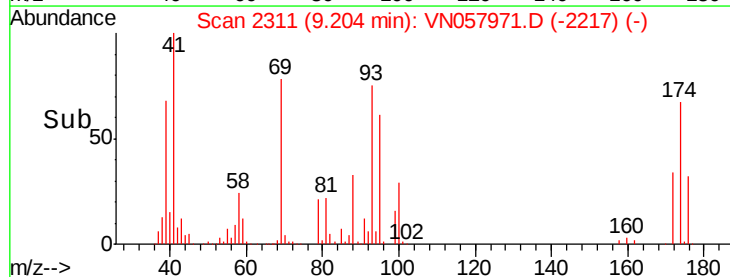
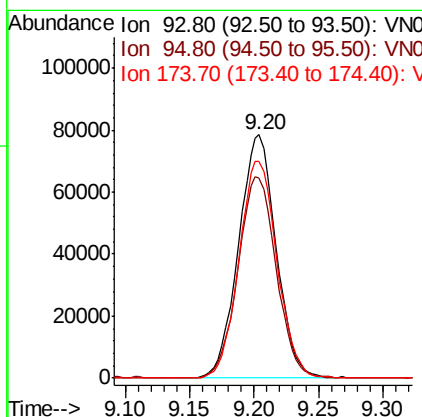
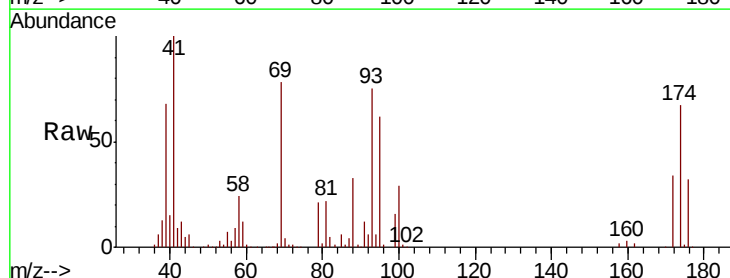
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

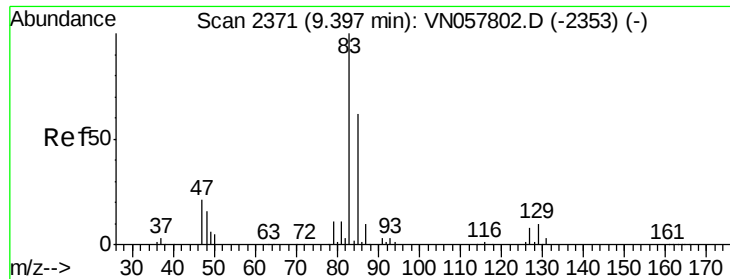
Tgt Ion: 63 Resp: 263931
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 50.435 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 93 Resp: 159166
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 90.4 71.8 107.6





#47

Bromodichloromethane

Concen: 52.904 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

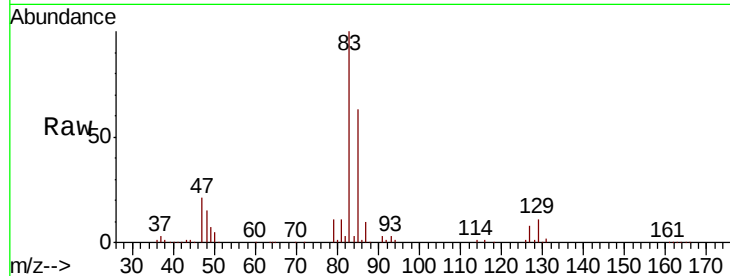
Tgt Ion: 83 Resp: 333394

Ion Ratio Lower Upper

83 100

85 63.1 49.9 74.9

127 8.2 6.5 9.7

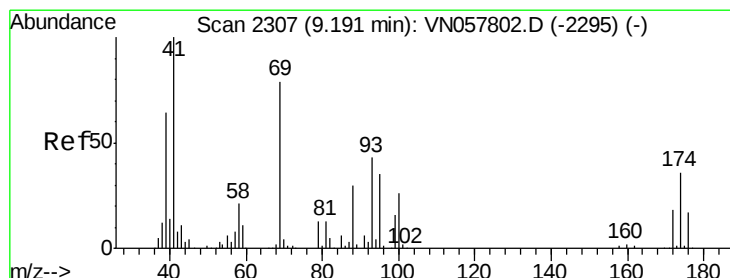
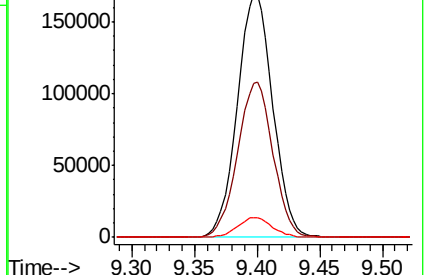
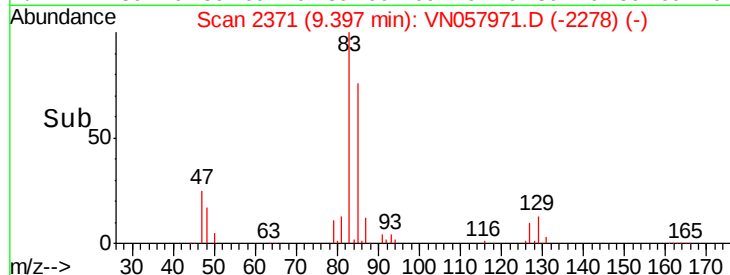


Abundance Ion 82.90 (82.60 to 83.60): VN057971.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057971.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057971.D (-2278) (-)

Time-->



#48

Methyl methacrylate

Concen: 51.235 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

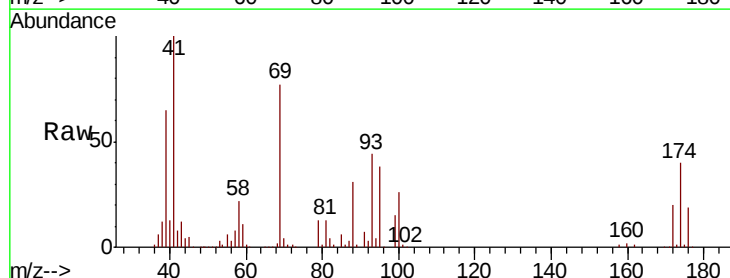
Tgt Ion: 41 Resp: 269195

Ion Ratio Lower Upper

41 100

69 79.4 62.7 94.1

39 66.3 52.7 79.1

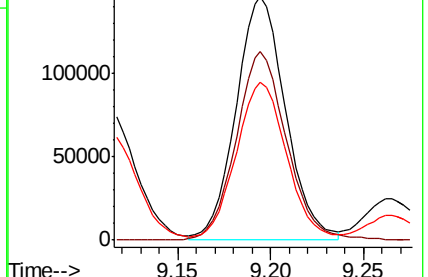
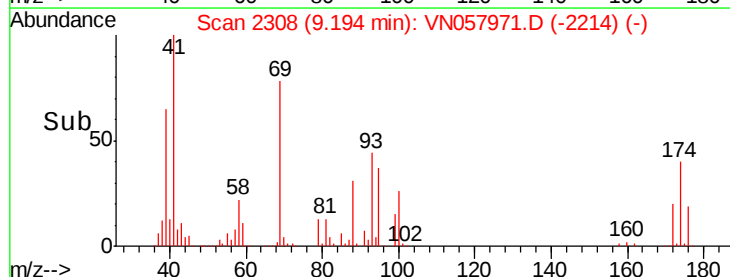


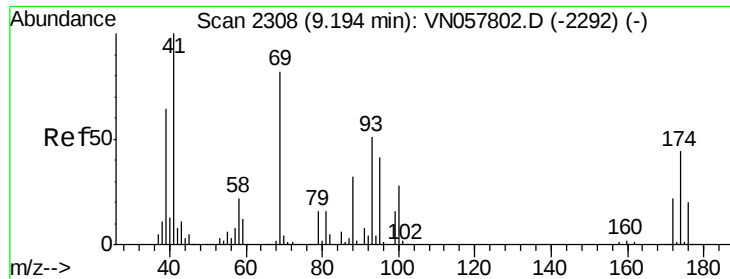
Abundance Ion 41.00 (40.70 to 41.70): VN057971.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057971.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057971.D (-2214) (-)

Time-->

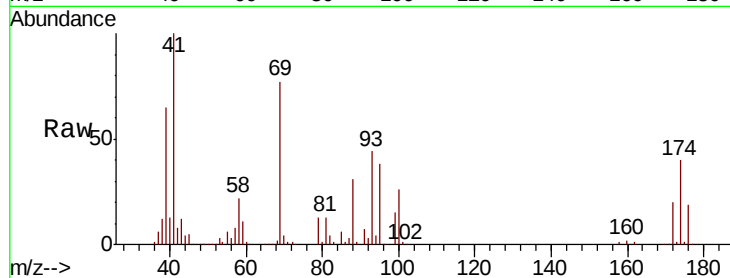




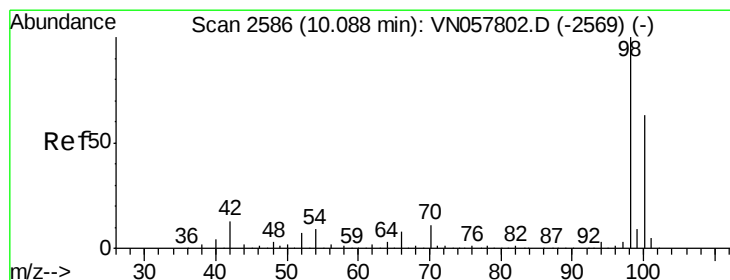
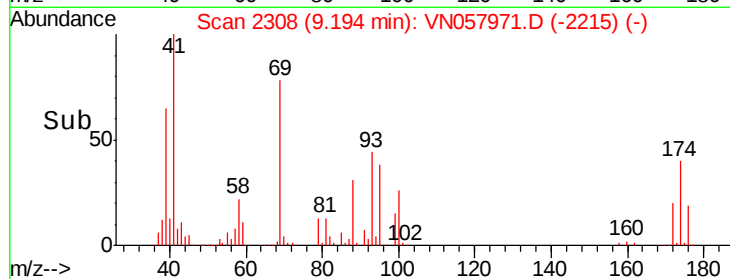
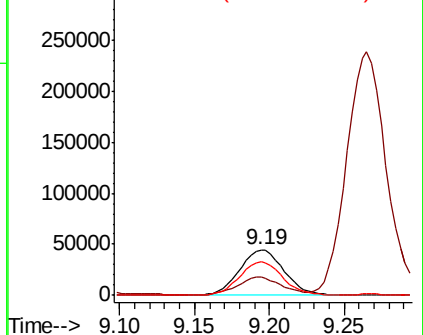
#49
 1,4-Dioxane
 Concen: 1031.645 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 91664
 Ion Ratio Lower Upper
 88 100
 43 36.7 28.5 42.7
 58 71.4 55.8 83.6

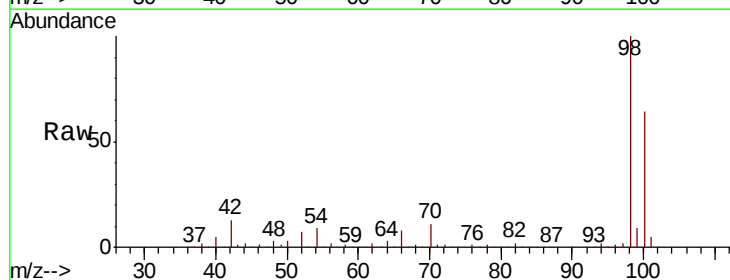


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

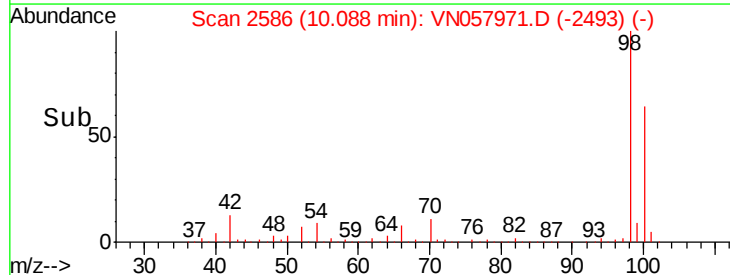
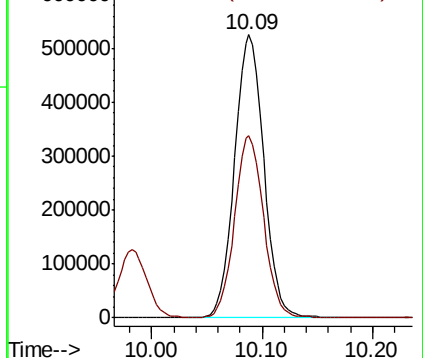


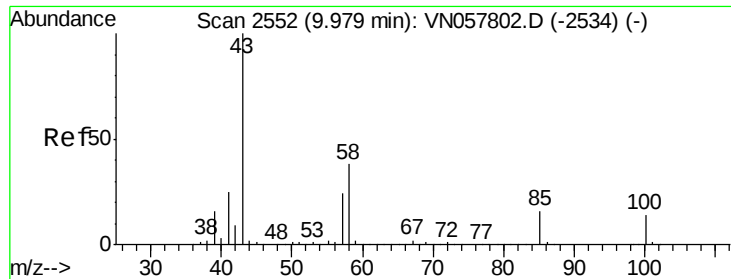
#50
 Toluene-d8
 Concen: 52.322 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 98 Resp: 963759
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.3 75.5



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

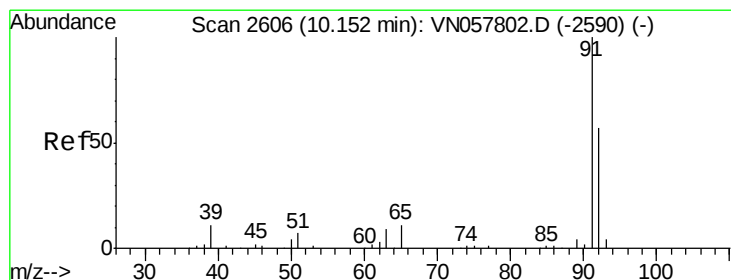
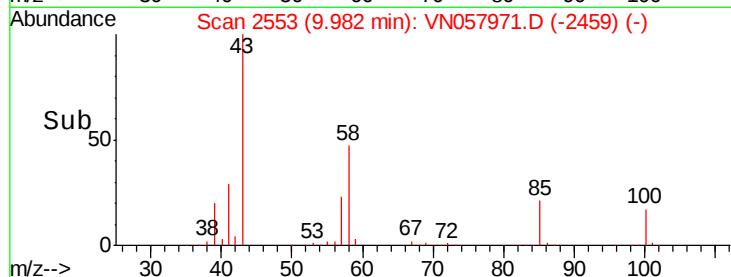
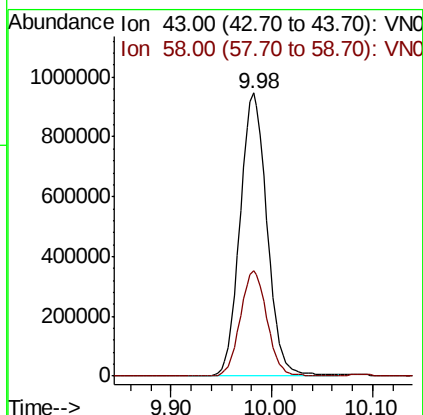
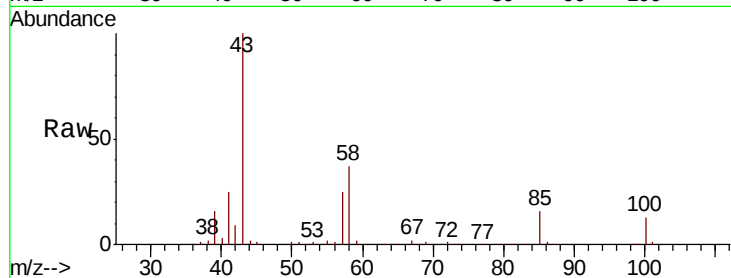




#51
 4-Methyl-2-Pentanone
 Concen: 284.808 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

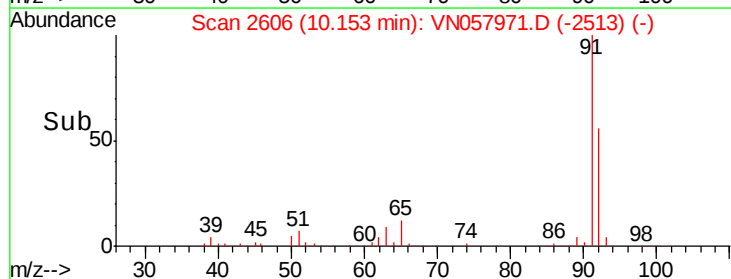
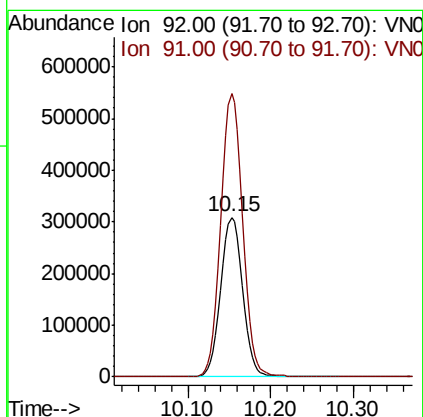
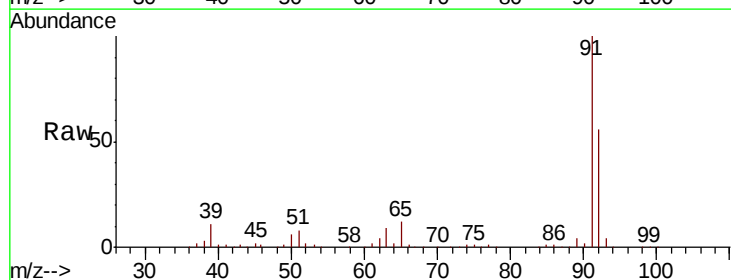
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

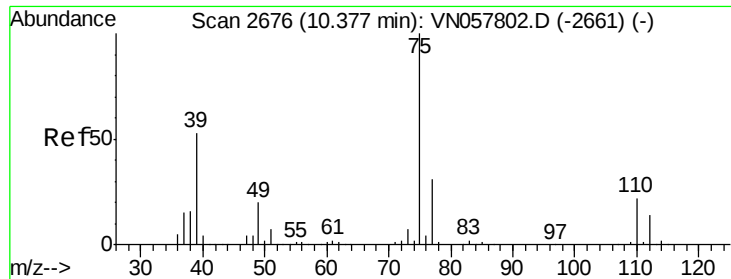
Tgt Ion: 43 Resp: 1745710
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.8 44.6



#52
 Toluene
 Concen: 50.068 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 92 Resp: 565973
 Ion Ratio Lower Upper
 92 100
 91 176.5 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 52.205 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

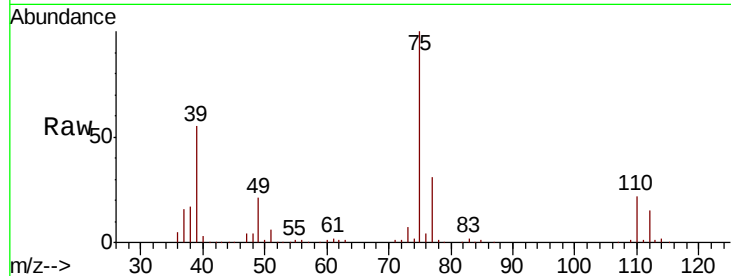
VSTDCCC050EC

Tgt Ion: 75 Resp: 346451

Ion Ratio Lower Upper

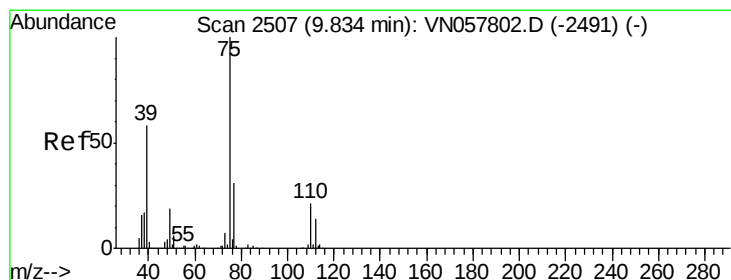
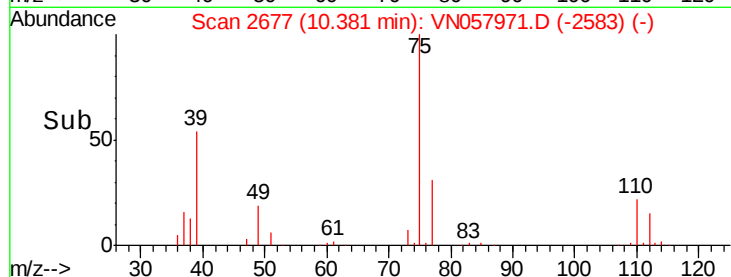
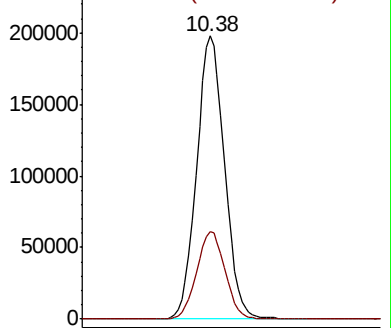
75 100

77 30.8 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.916 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

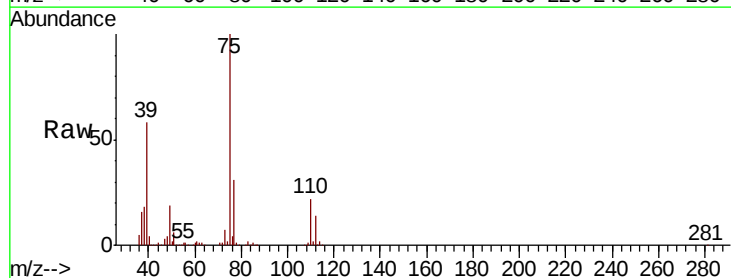
Tgt Ion: 75 Resp: 373058

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

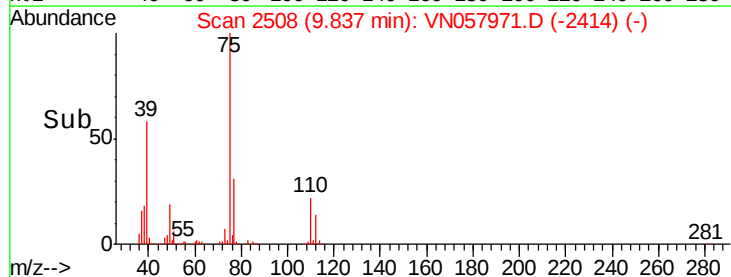
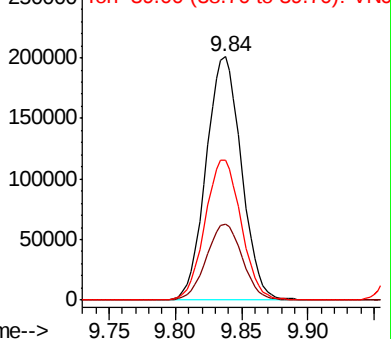
39 57.5 46.2 69.4

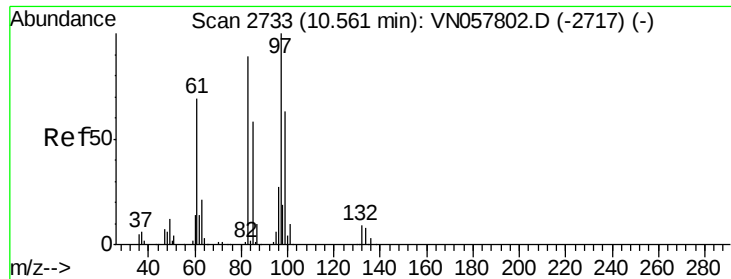


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

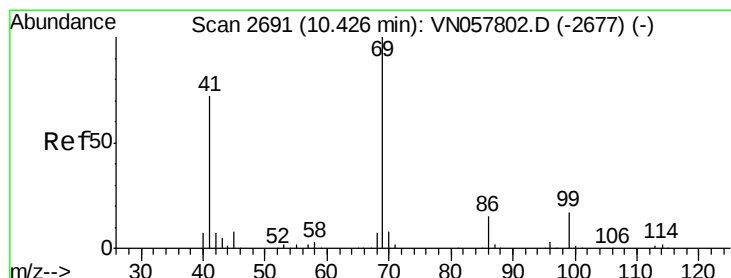
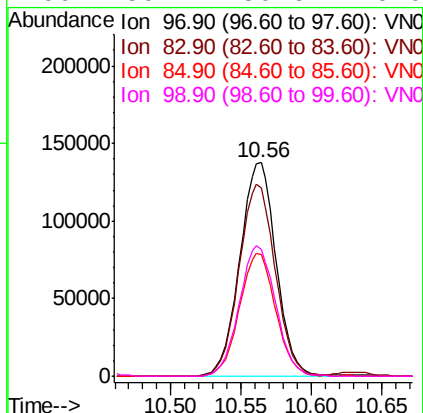
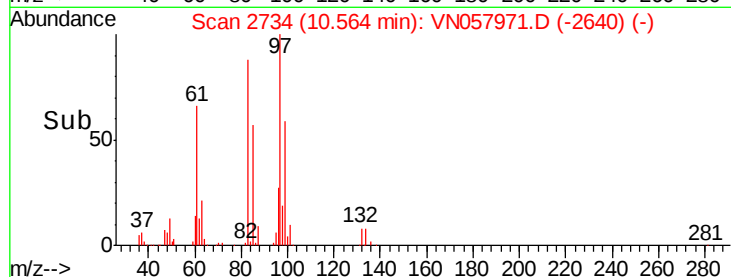
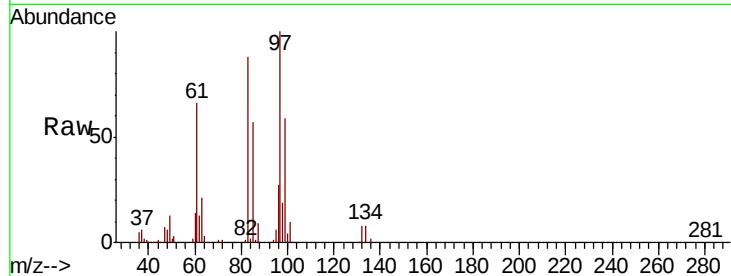




#55
 1,1,2-Trichloroethane
 Concen: 51.869 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

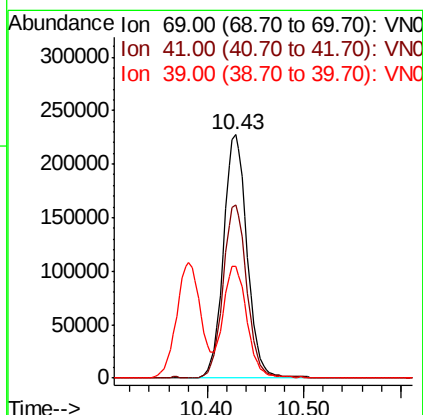
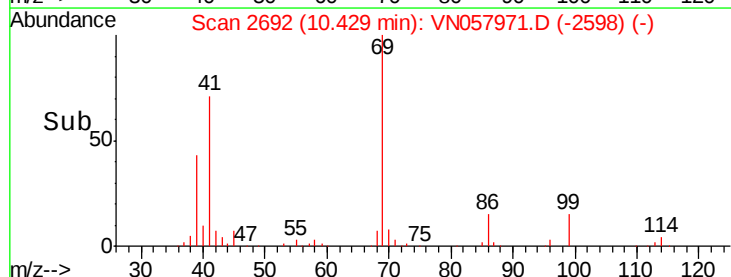
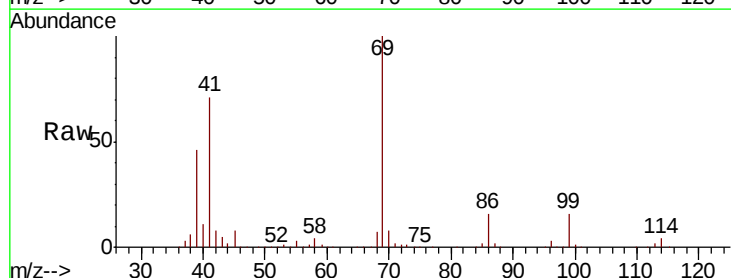
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 248366
 Ion Ratio Lower Upper
 97 100
 83 87.9 70.8 106.2
 85 57.0 46.0 69.0
 99 59.1 50.6 76.0



#56
 Ethyl methacrylate
 Concen: 53.342 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 69 Resp: 384629
 Ion Ratio Lower Upper
 69 100
 41 71.3 56.7 85.1
 39 46.7 36.3 54.5





#57

1,3-Dichloropropane

Concen: 51.191 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

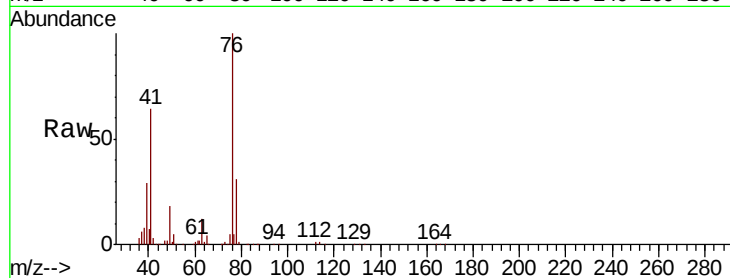
VSTDCCC050EC

Tgt Ion: 76 Resp: 422425

Ion Ratio Lower Upper

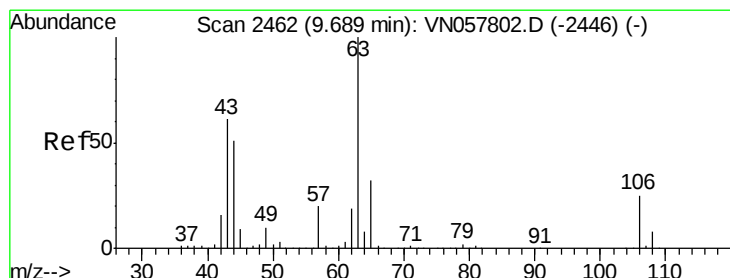
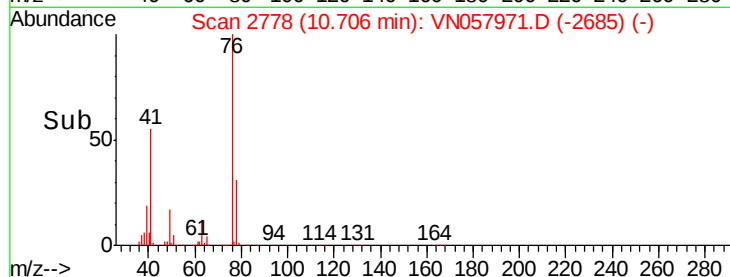
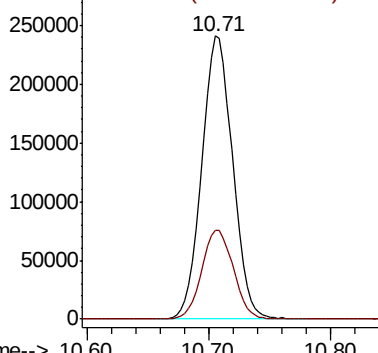
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 260.175 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN057971.D

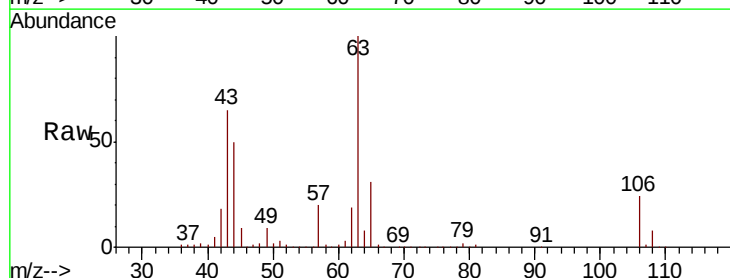
Acq: 12 Sep 2019 15:13

Tgt Ion: 63 Resp: 883596

Ion Ratio Lower Upper

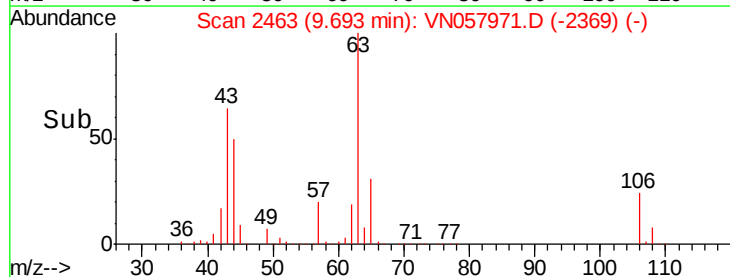
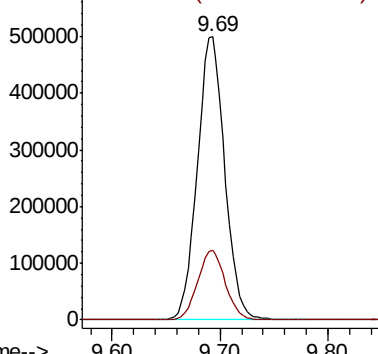
63 100

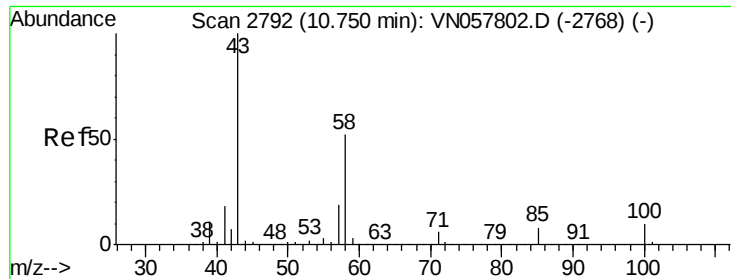
106 24.9 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

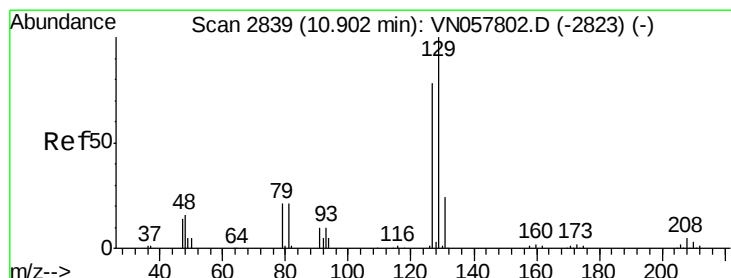
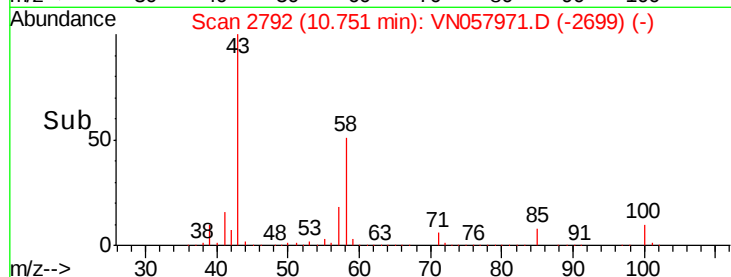
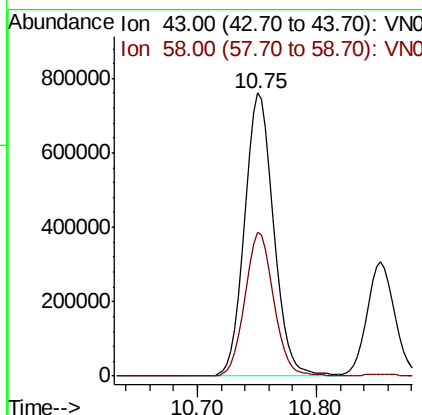
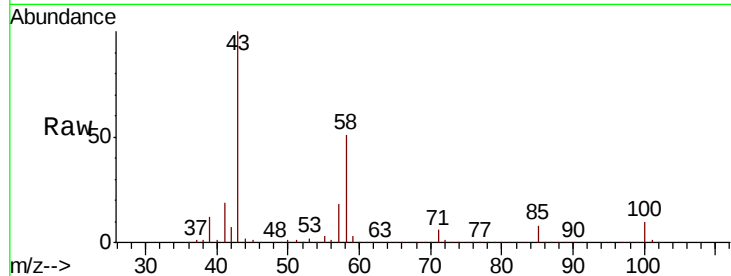




#59
2-Hexanone
Concen: 279.420 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

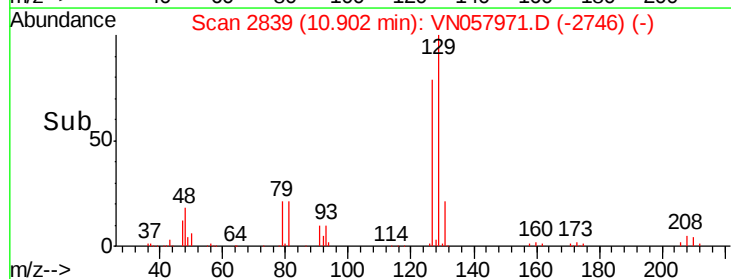
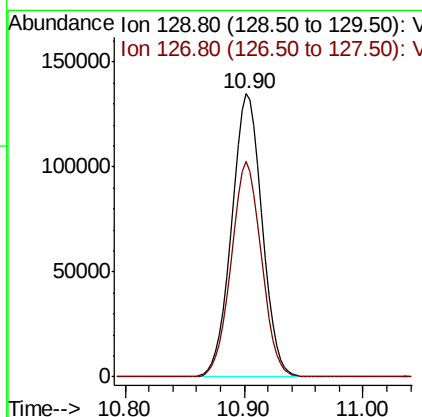
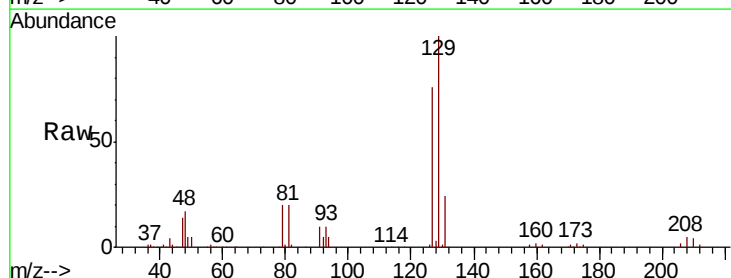
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

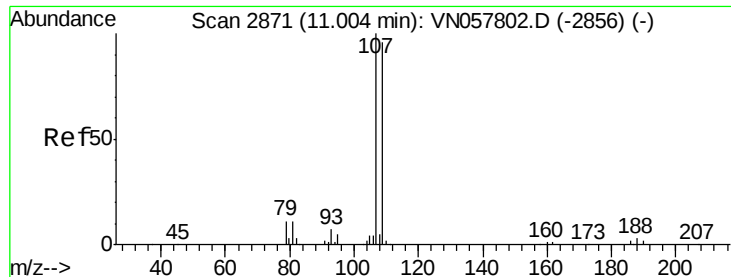
Tgt Ion: 43 Resp: 1283720
Ion Ratio Lower Upper
43 100
58 50.5 25.6 76.8



#60
Dibromochloromethane
Concen: 53.781 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion: 129 Resp: 239131
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.456 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

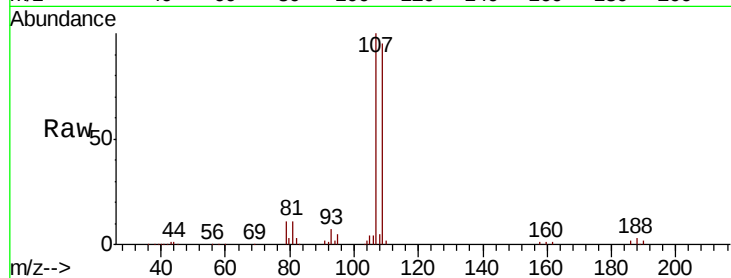
VSTDCCC050EC

Tgt Ion: 107 Resp: 232933

Ion Ratio Lower Upper

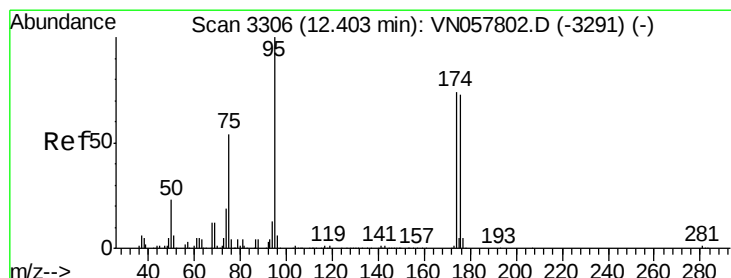
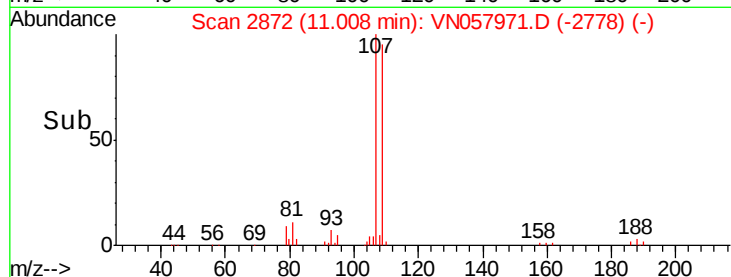
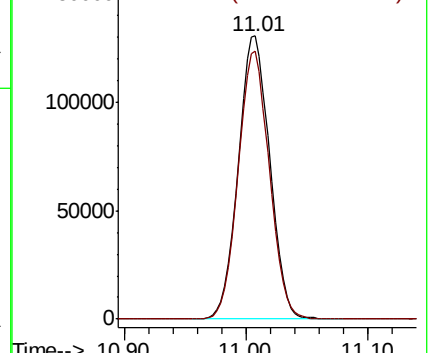
107 100

109 93.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.411 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

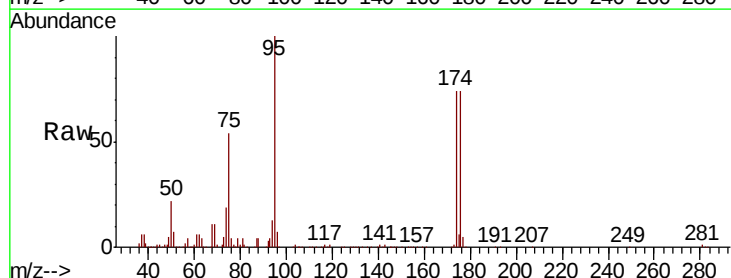
Tgt Ion: 95 Resp: 353866

Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.2

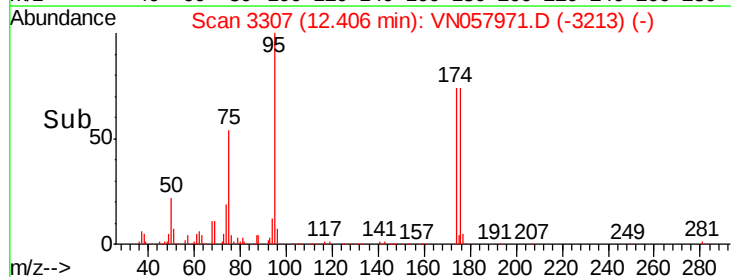
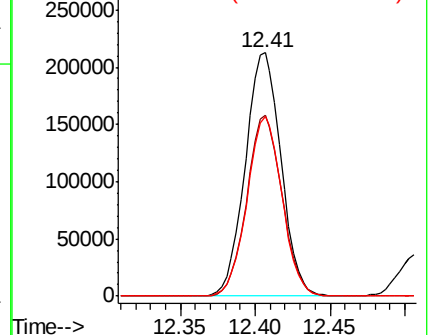
176 72.2 0.0 146.0

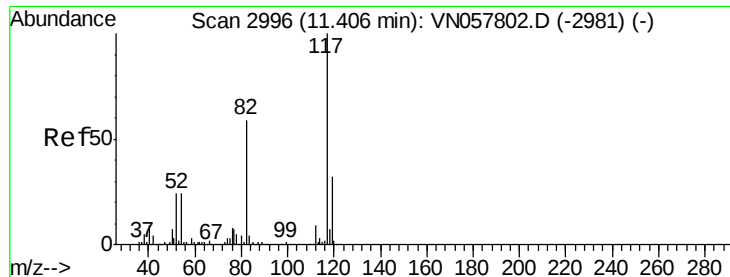


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

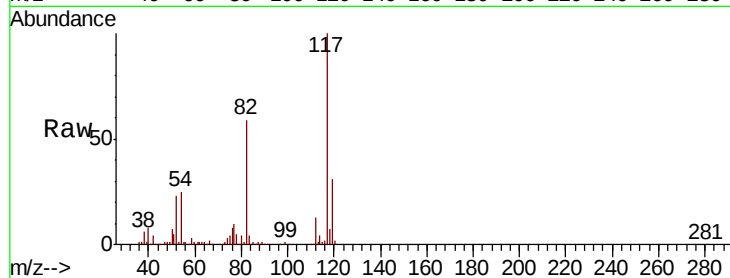
Tgt Ion:117 Resp: 492705

Ion Ratio Lower Upper

117 100

82 59.0 47.2 70.8

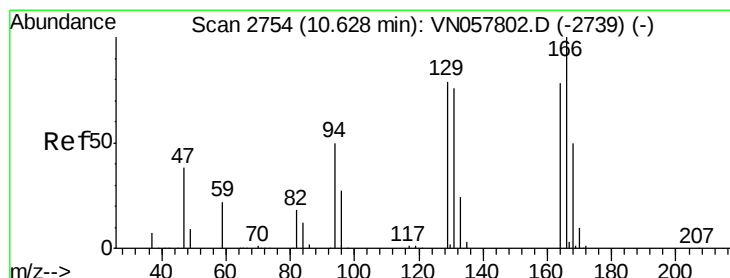
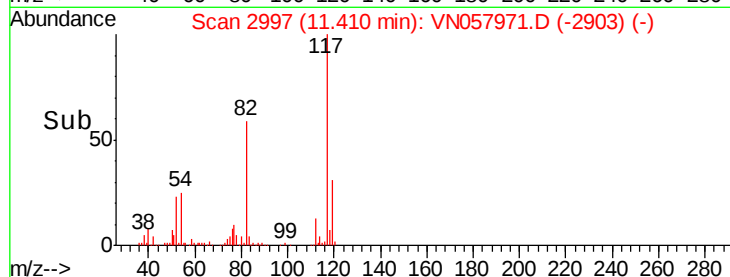
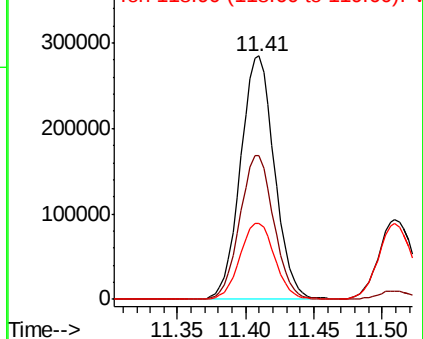
119 31.4 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.061 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Tgt Ion:164 Resp: 174842

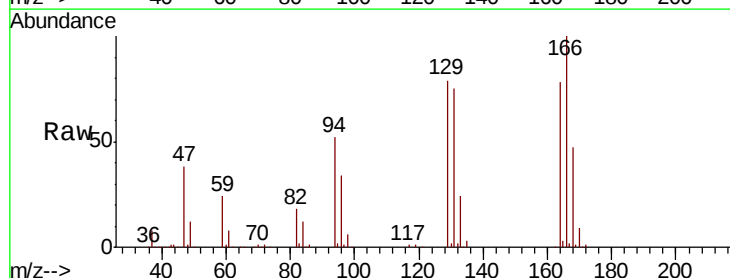
Ion Ratio Lower Upper

164 100

166 128.2 102.2 153.2

129 100.9 80.8 121.2

131 96.2 77.4 116.2

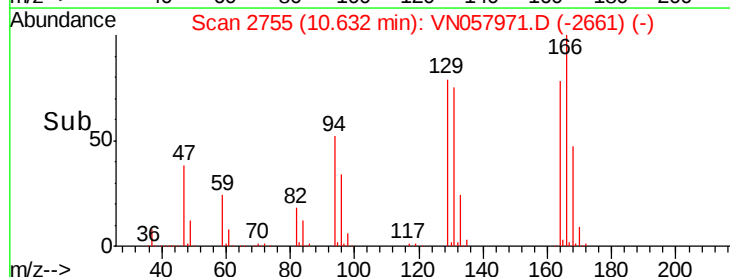
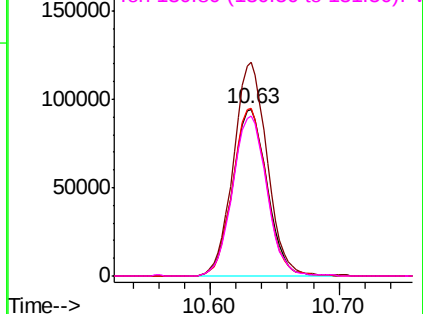


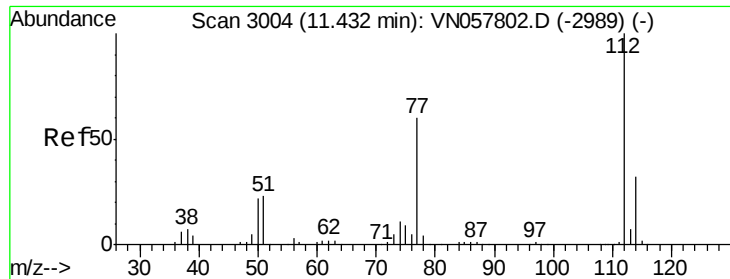
Abundance Ion 163.80 (163.50 to 164.50): V

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

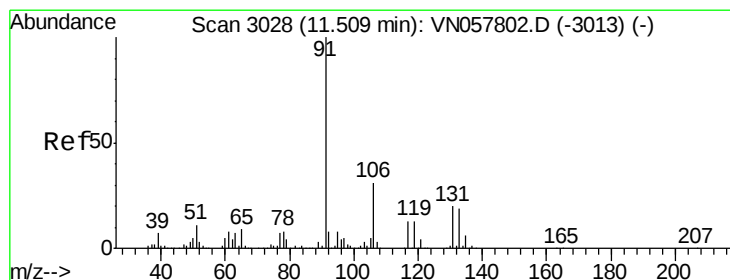
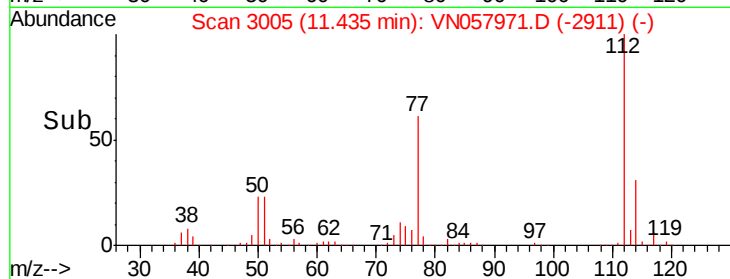
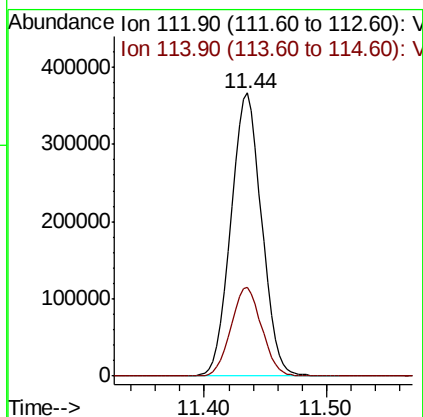
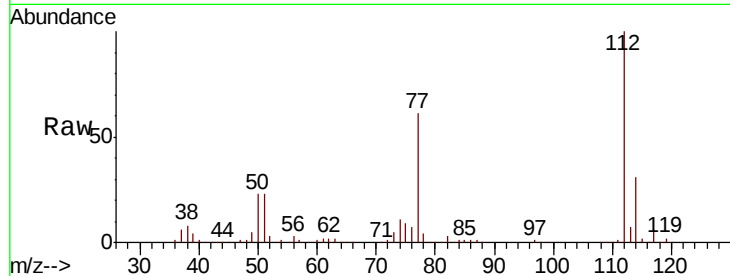




#65
Chlorobenzene
Concen: 49.879 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

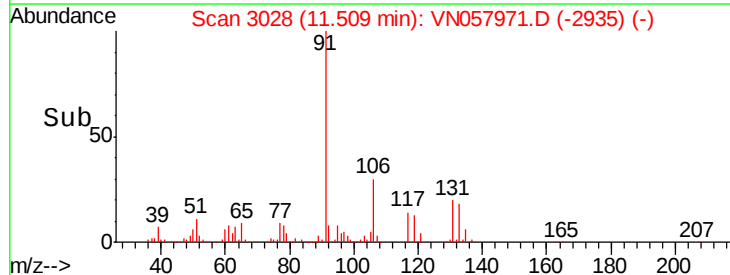
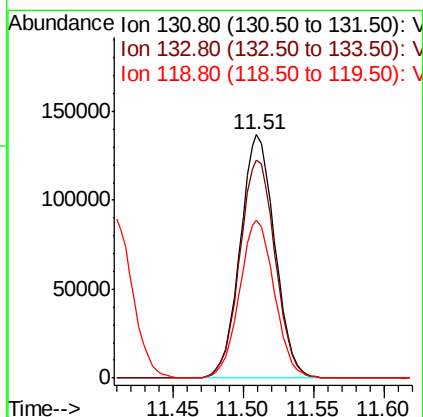
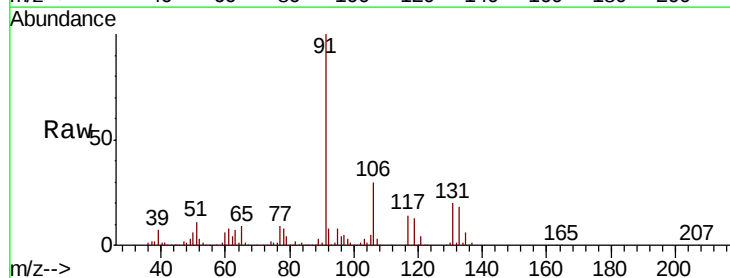
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

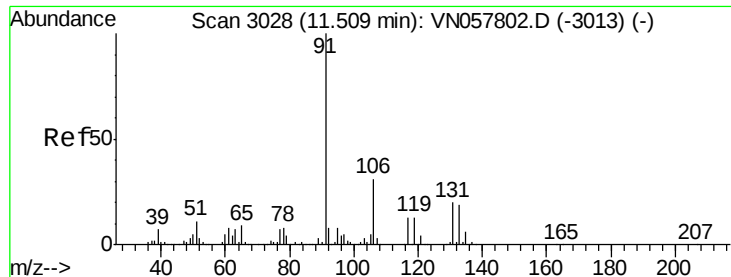
Tgt Ion:112 Resp: 643165
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.650 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion:131 Resp: 235571
Ion Ratio Lower Upper
131 100
133 92.1 47.1 141.3
119 65.3 33.3 99.8

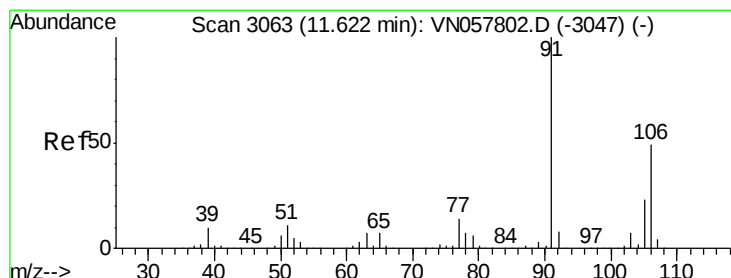
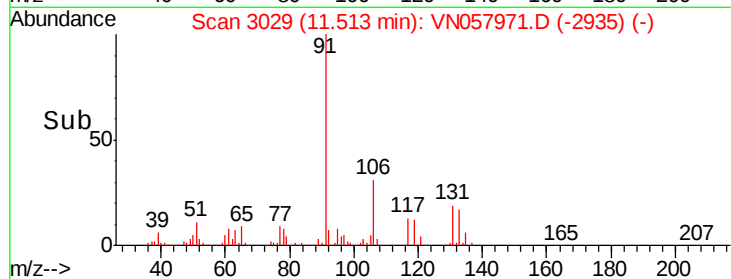
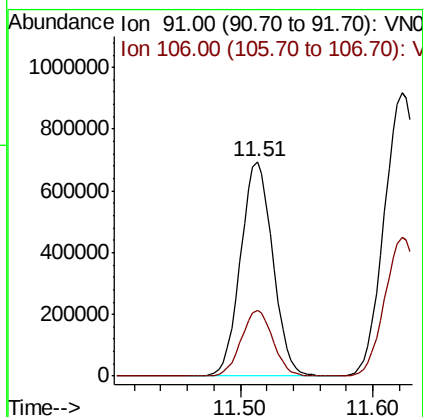
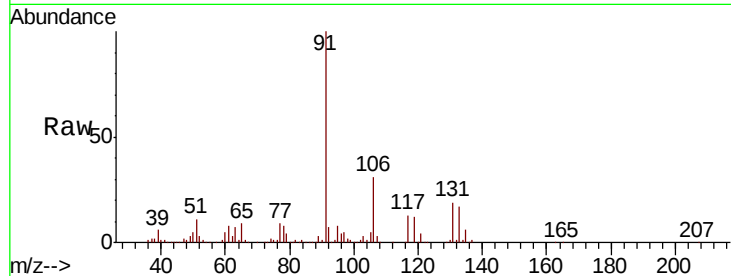




#67
Ethyl Benzene
Concen: 51.712 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

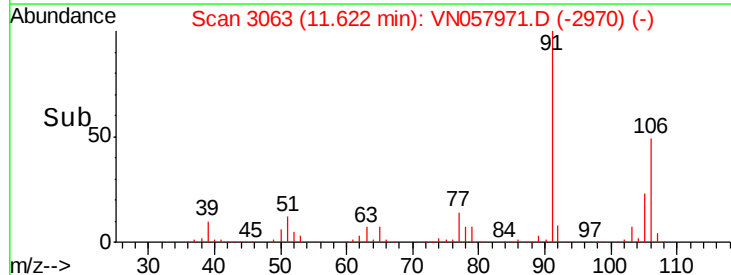
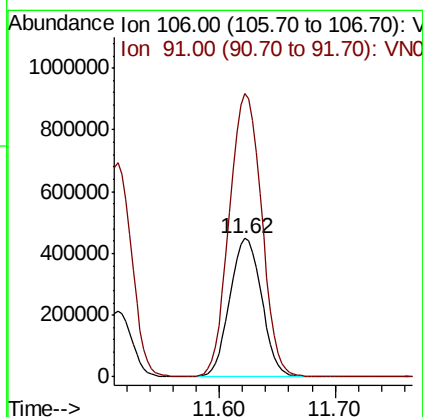
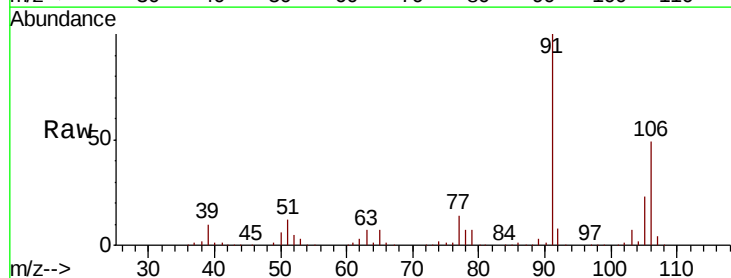
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

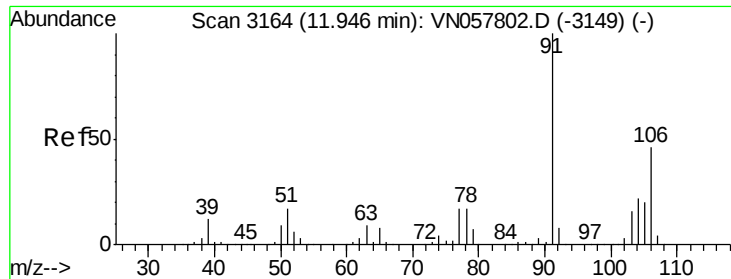
Tgt Ion: 91 Resp: 1168584
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 103.013 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion: 106 Resp: 852704
Ion Ratio Lower Upper
106 100
91 207.2 165.8 248.6

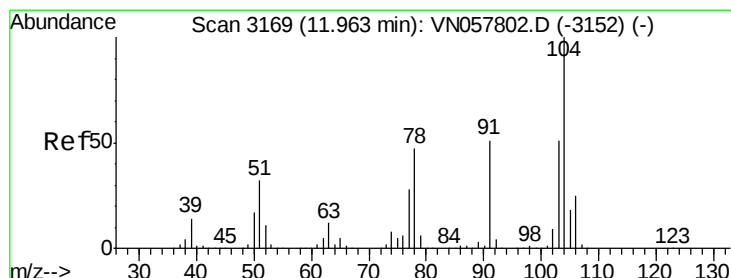
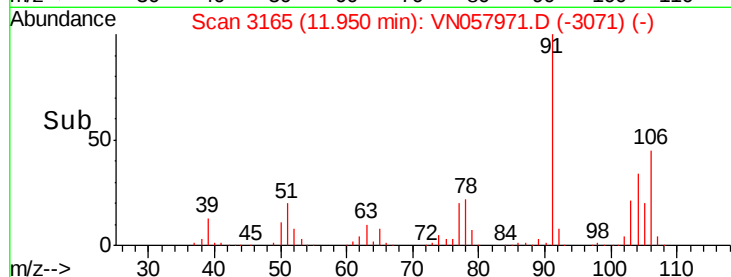
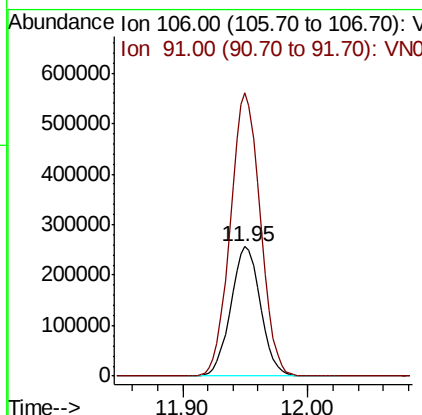
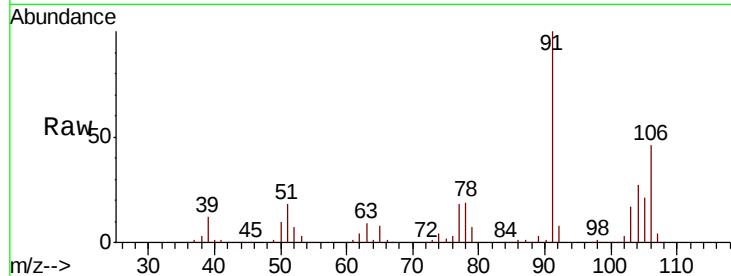




#69
o-Xylene
Concen: 51.114 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

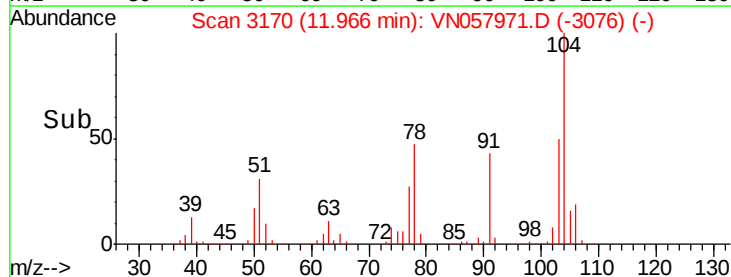
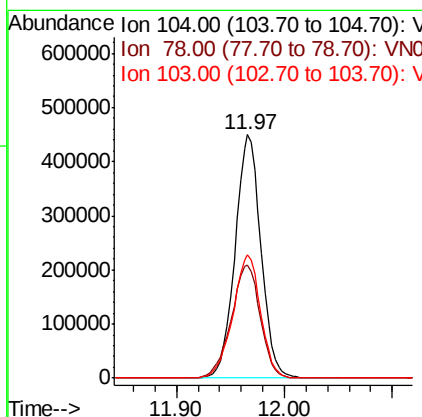
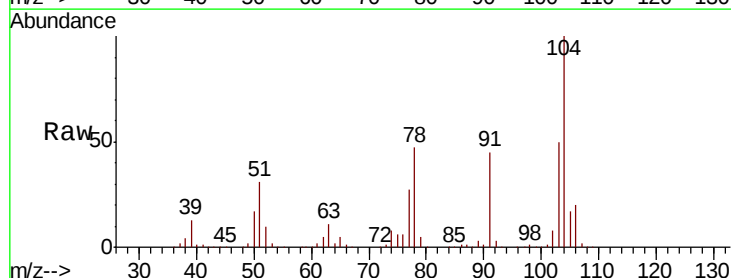
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

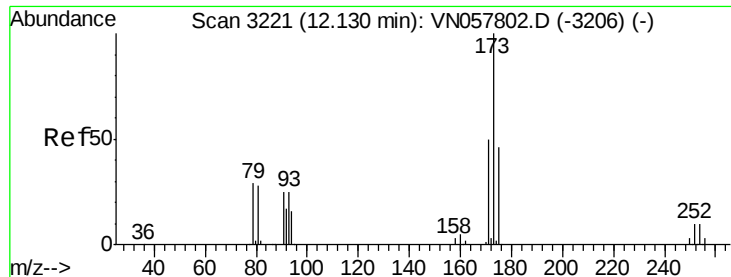
Tgt Ion:106 Resp: 420628
Ion Ratio Lower Upper
106 100
91 221.5 108.7 326.1



#70
Styrene
Concen: 52.972 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion:104 Resp: 750212
Ion Ratio Lower Upper
104 100
78 52.4 41.3 61.9
103 54.4 43.7 65.5





#71

Bromoform

Concen: 53.392 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

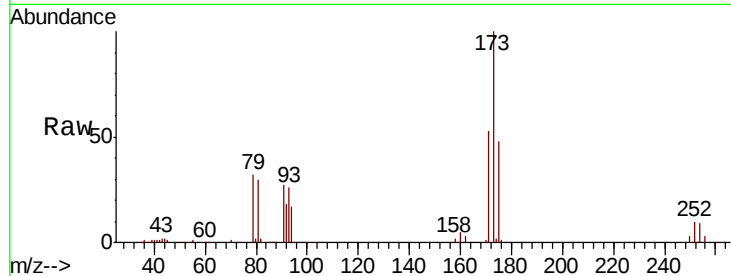
Tgt Ion:173 Resp: 148941

Ion Ratio Lower Upper

173 100

175 47.8 23.5 70.6

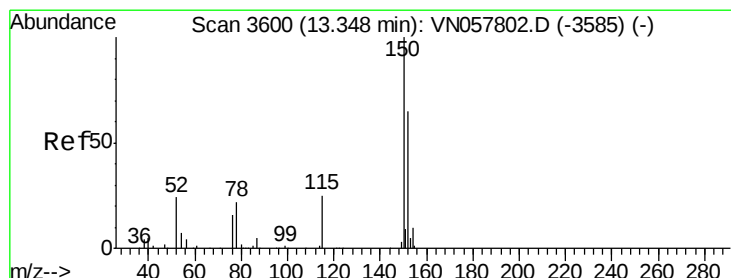
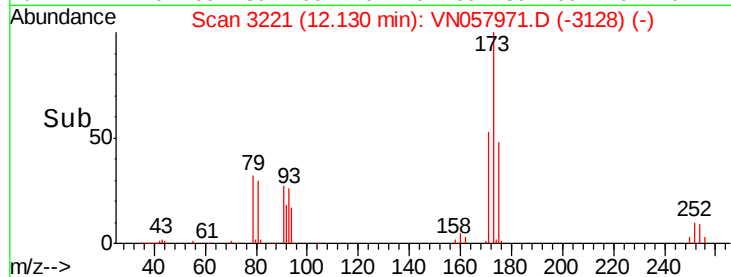
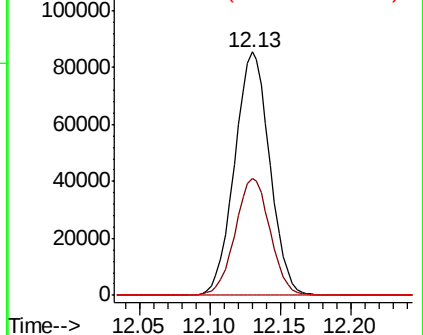
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

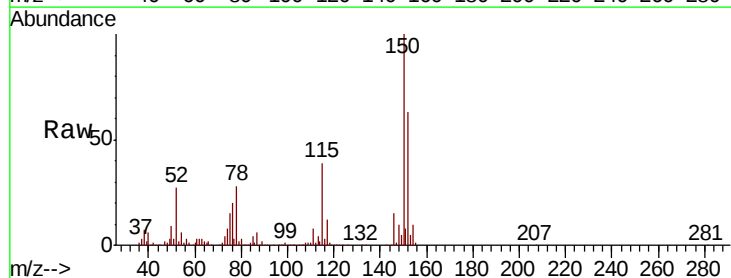
Tgt Ion:152 Resp: 305563

Ion Ratio Lower Upper

152 100

115 60.2 30.3 91.0

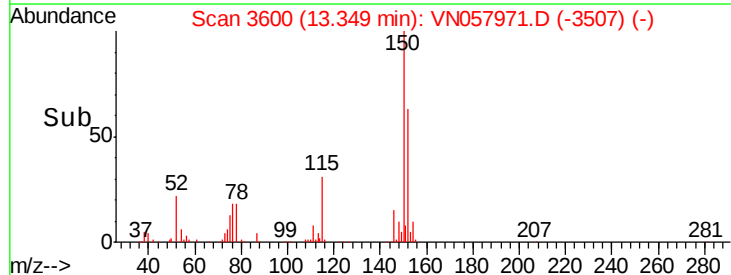
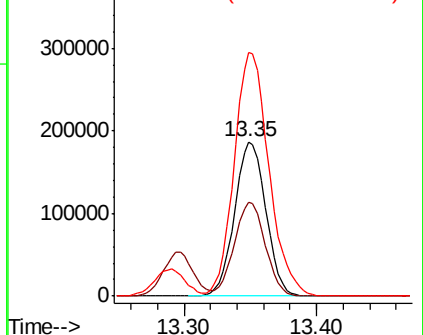
150 174.3 0.0 352.4

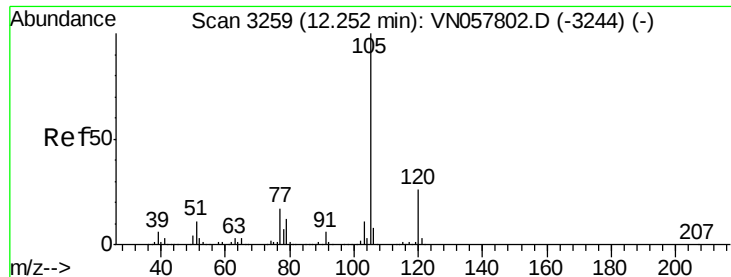


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.049 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

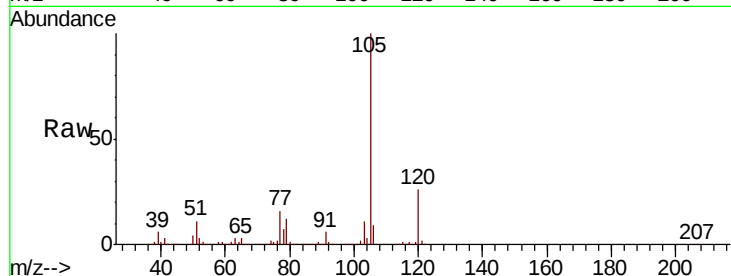
VSTDCCC050EC

Tgt Ion:105 Resp: 1186694

Ion Ratio Lower Upper

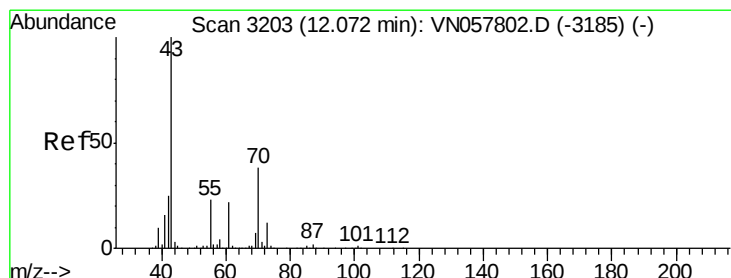
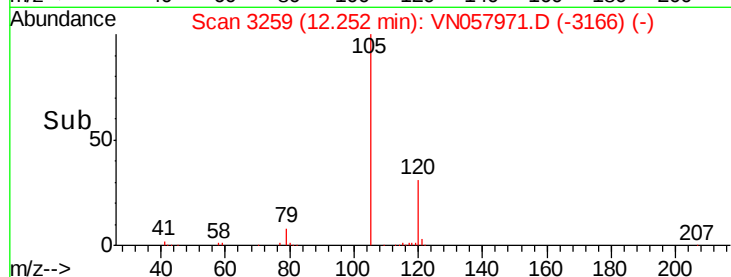
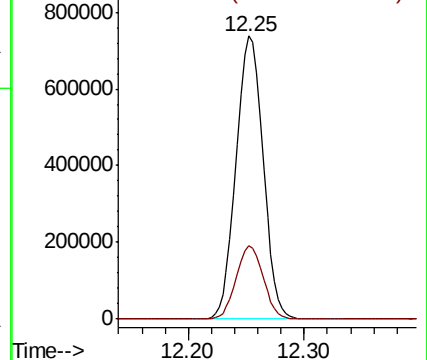
105 100

120 26.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.891 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Tgt Ion: 43 Resp: 525140

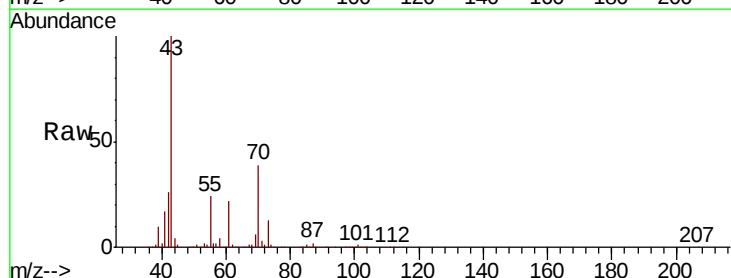
Ion Ratio Lower Upper

43 100

70 39.2 30.6 45.8

55 24.2 18.6 27.8

61 22.6 17.4 26.2

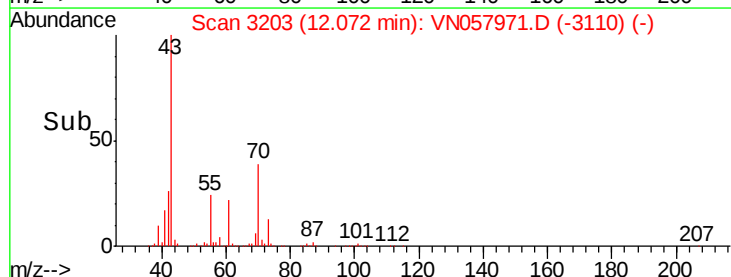
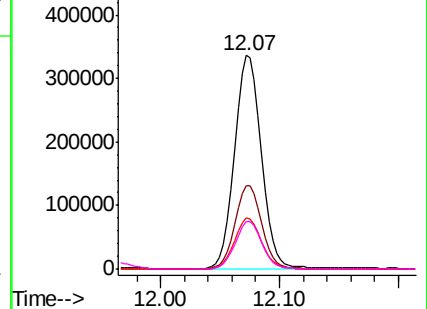


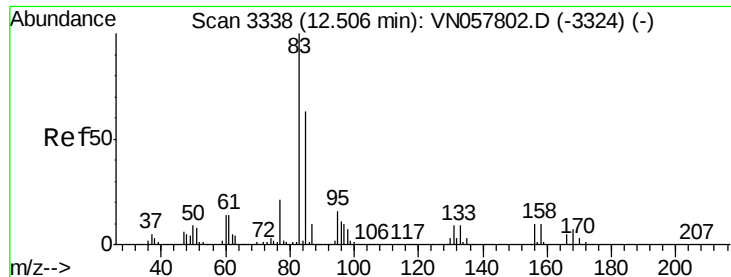
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.104 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

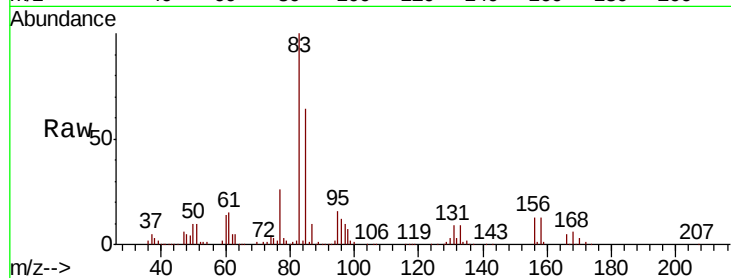
Tgt Ion: 83 Resp: 392013

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

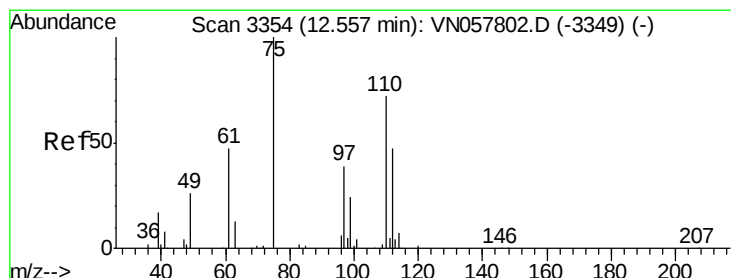
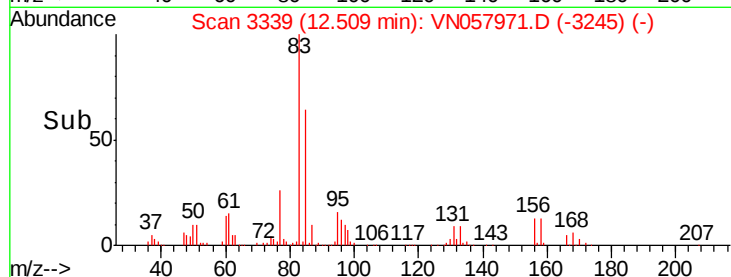
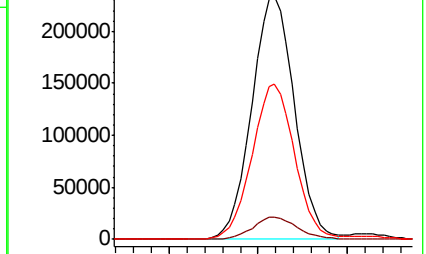
85 63.8 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN057971.D (-3339) (-)

Ion 130.80 (130.50 to 131.50): VN057971.D (-3339) (-)

Ion 84.90 (84.60 to 85.60): VN057971.D (-3339) (-)



#76

1,2,3-Trichloropropane

Concen: 67.750 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057971.D

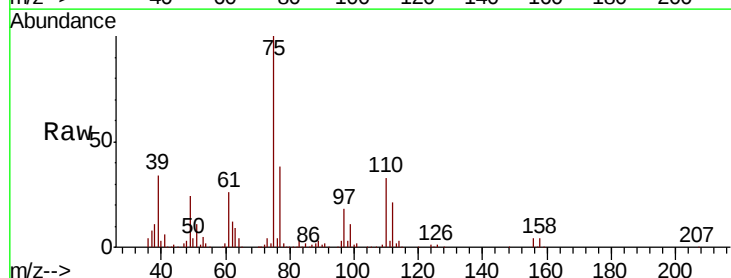
Acq: 12 Sep 2019 15:13

Tgt Ion: 75 Resp: 468315

Ion Ratio Lower Upper

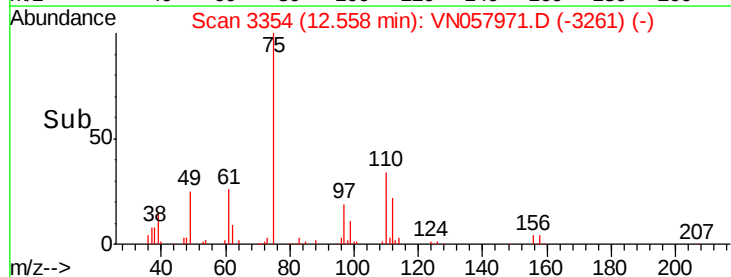
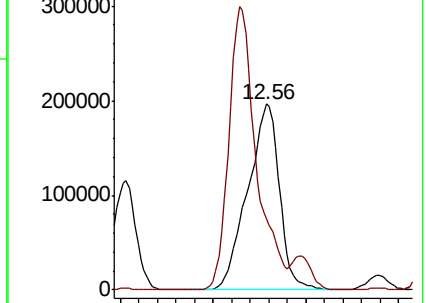
75 100

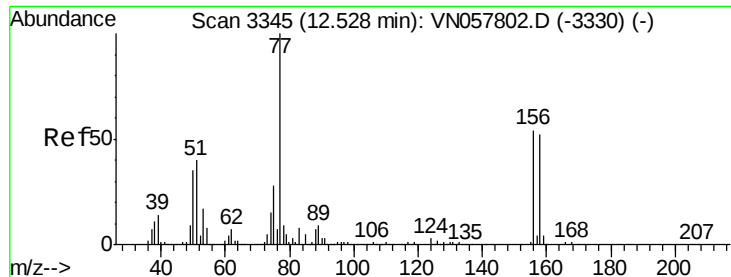
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057971.D (-3354) (-)

Ion 77.00 (76.70 to 77.70): VN057971.D (-3354) (-)





#77

Bromobenzene

Concen: 46.329 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

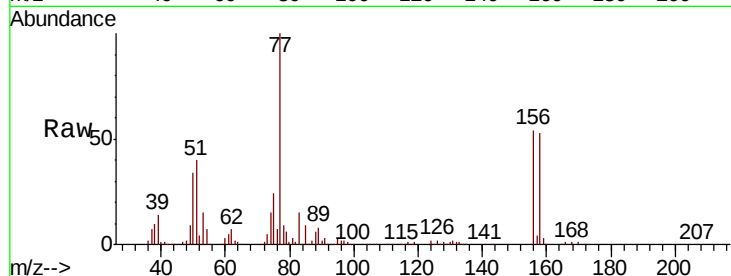
Tgt Ion:156 Resp: 273878

Ion Ratio Lower Upper

156 100

77 225.2 113.7 341.1

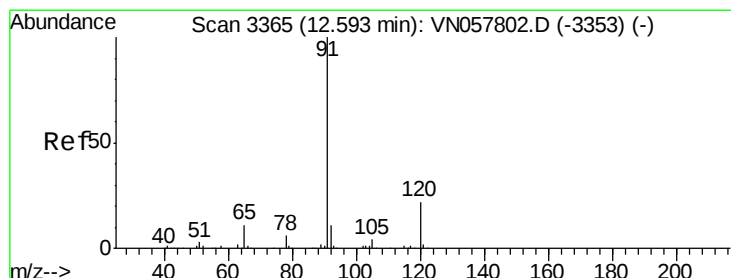
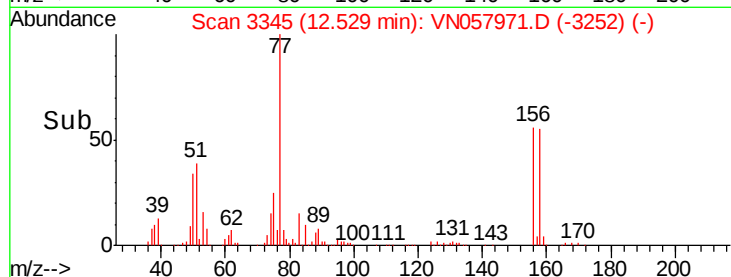
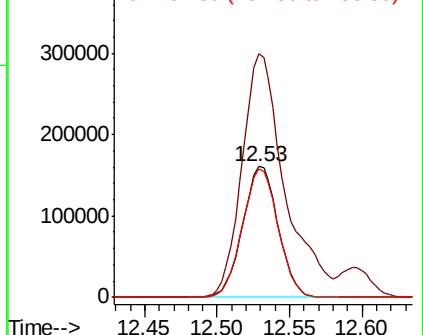
158 99.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.653 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057971.D

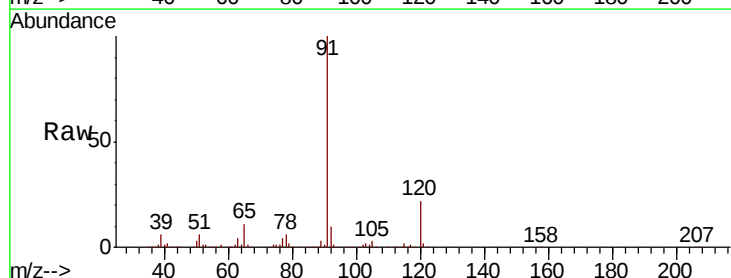
Acq: 12 Sep 2019 15:13

Tgt Ion: 91 Resp: 1406353

Ion Ratio Lower Upper

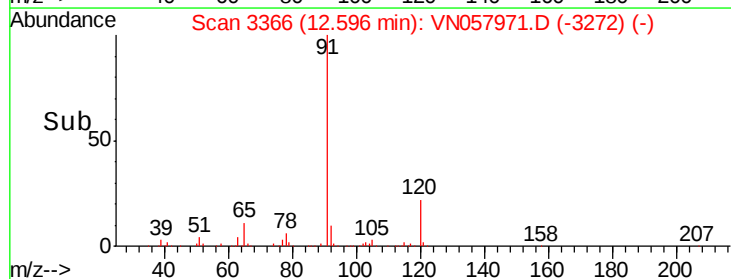
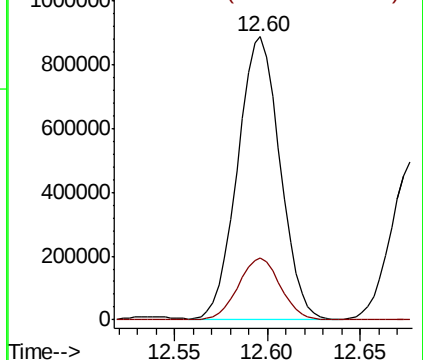
91 100

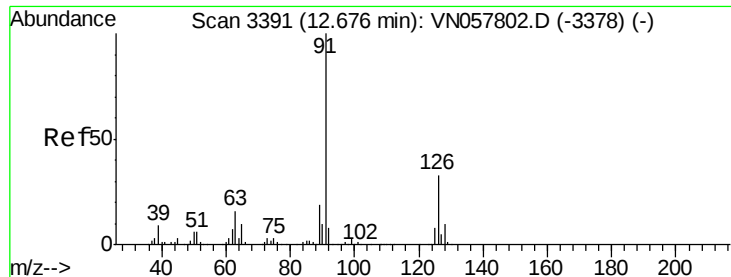
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

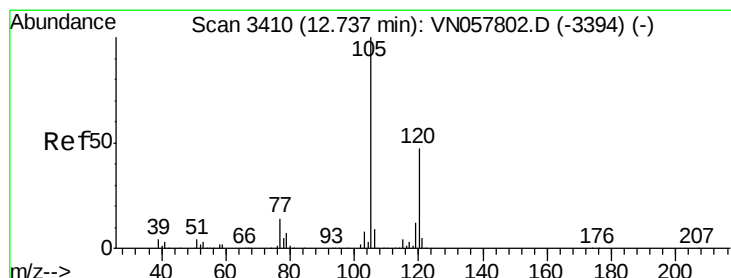
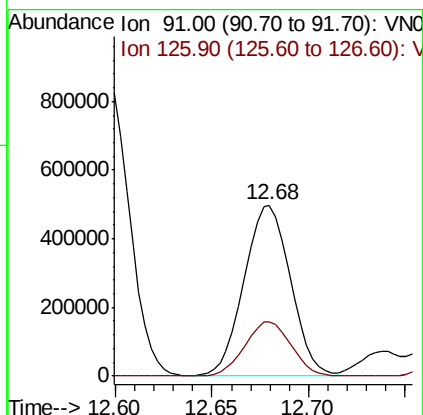
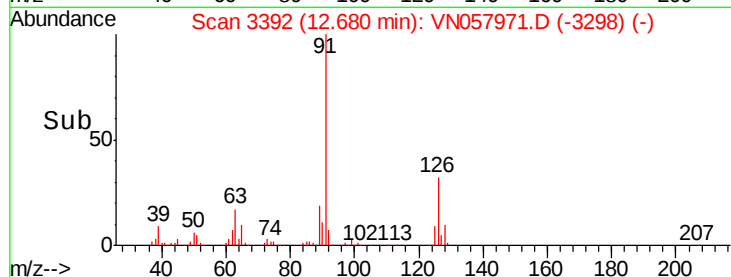
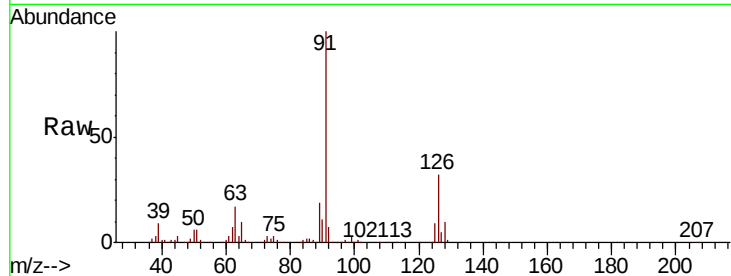




#79
 2-Chlorotoluene
 Concen: 48.357 ug/l
 RT: 12.68 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

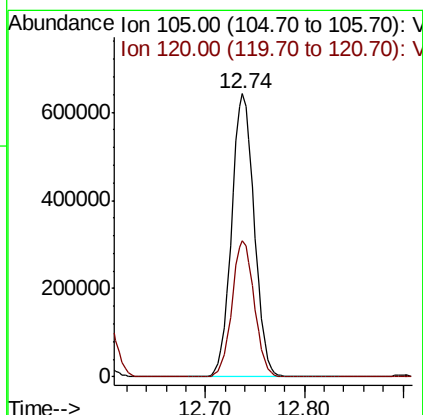
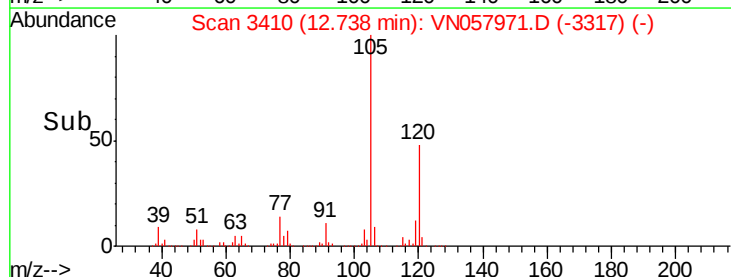
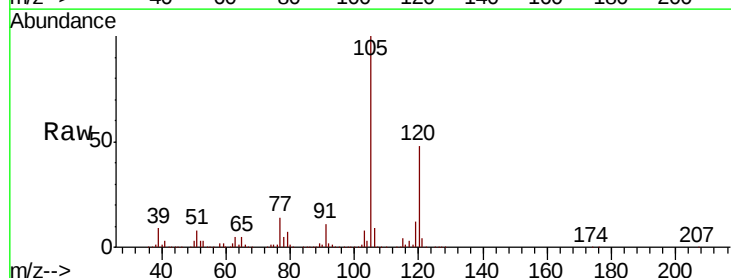
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

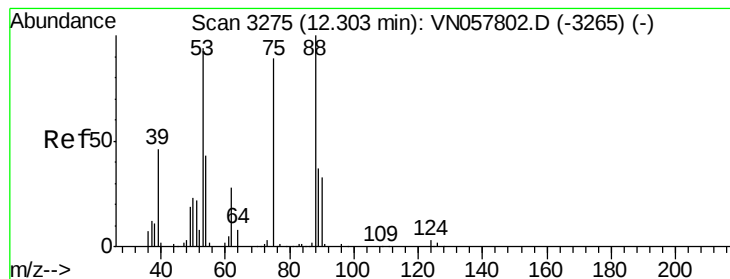
Tgt Ion: 91 Resp: 832150
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 51.162 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion: 105 Resp: 1024985
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 47.785 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

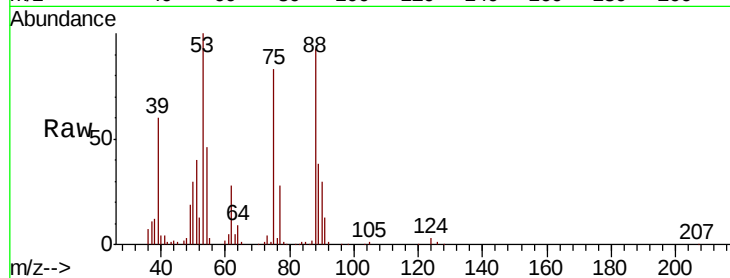
Tgt Ion: 75 Resp: 93864

Ion Ratio Lower Upper

75 100

53 119.6 88.4 132.6

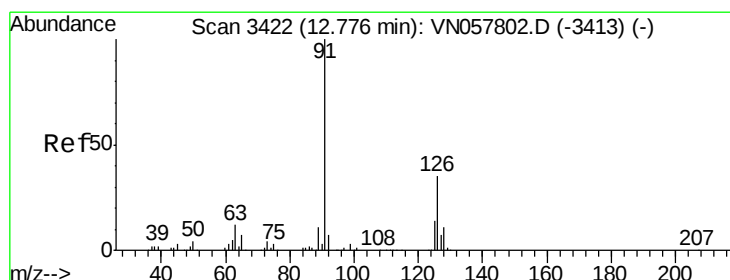
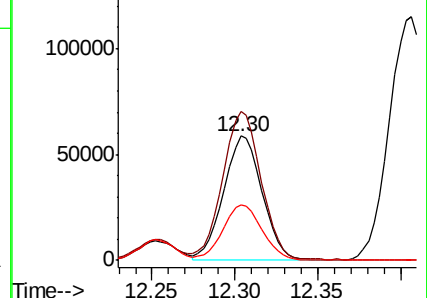
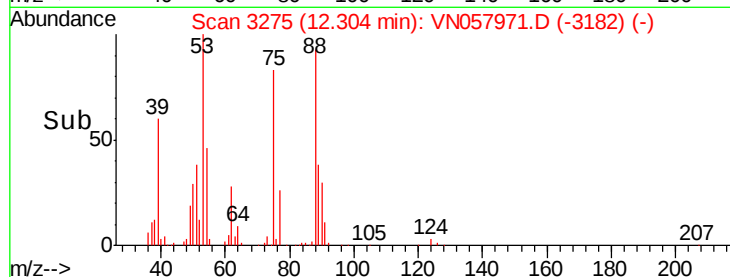
89 46.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.140 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN057971.D

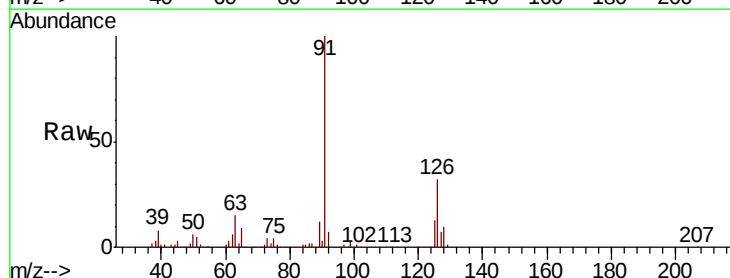
Acq: 12 Sep 2019 15:13

Tgt Ion: 91 Resp: 868400

Ion Ratio Lower Upper

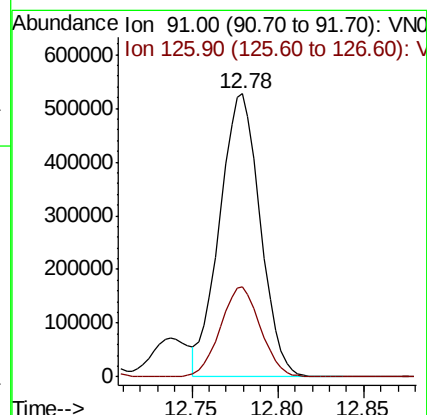
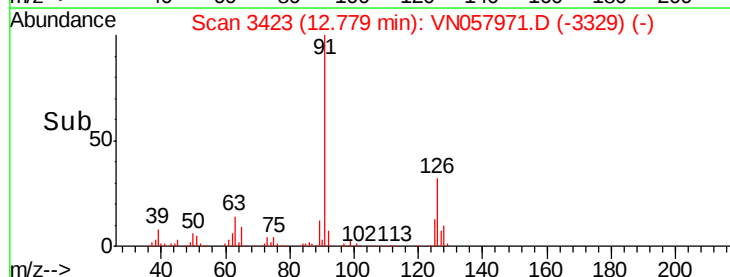
91 100

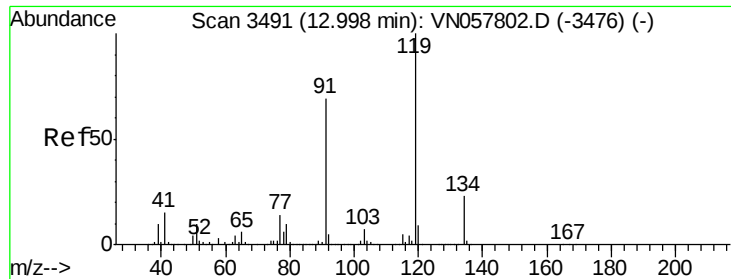
126 31.4 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

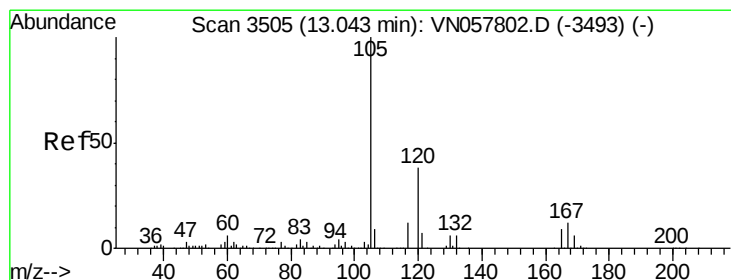
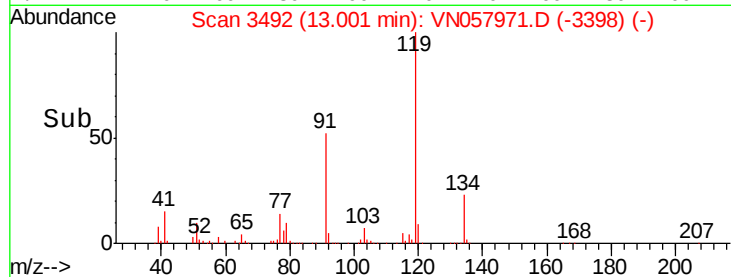
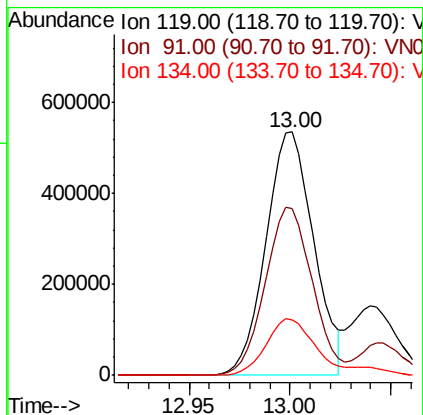
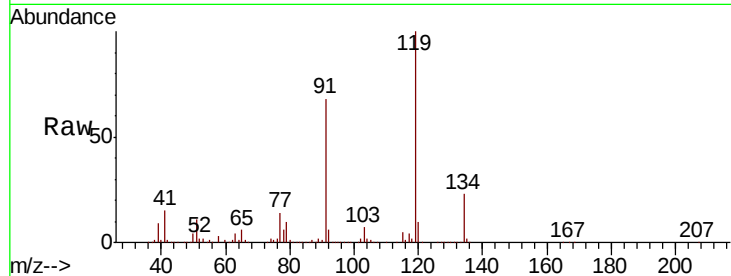




#83
 tert-Butylbenzene
 Concen: 49.444 ug/l
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

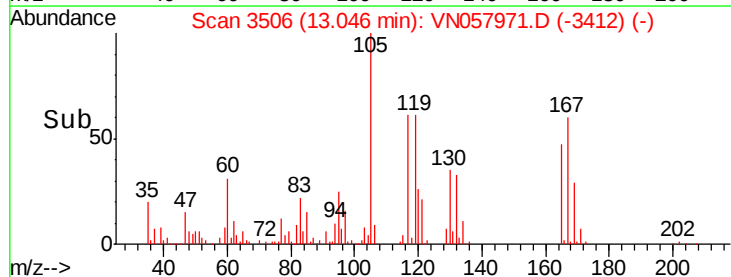
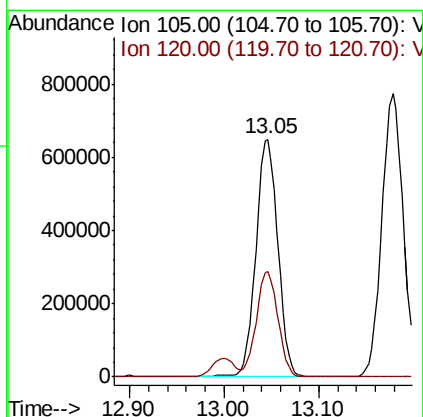
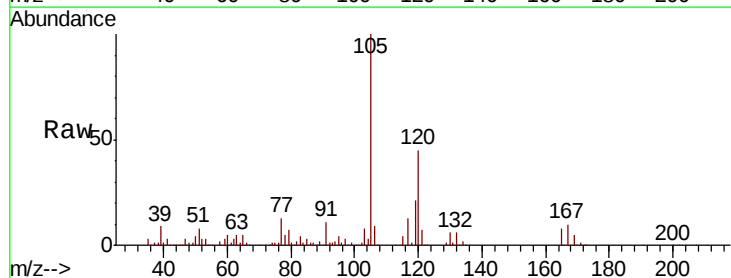
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

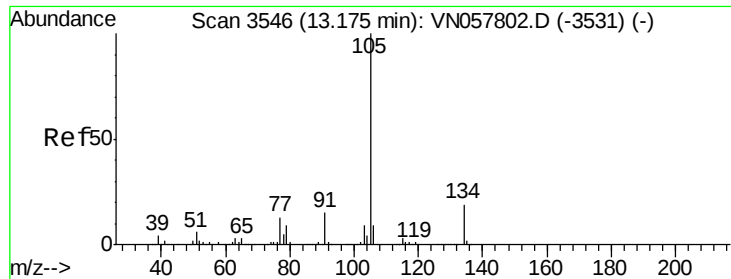
Tgt Ion:119 Resp: 880517
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.6 100.8
 134 23.4 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.392 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion:105 Resp: 1046431
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.2

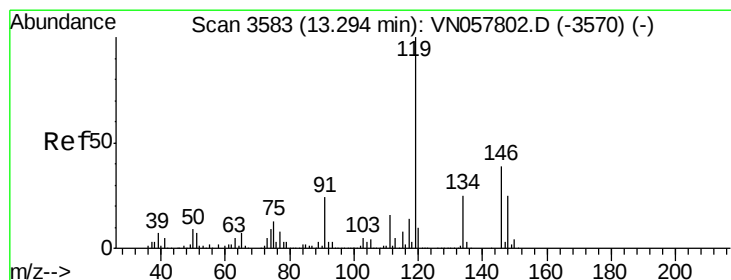
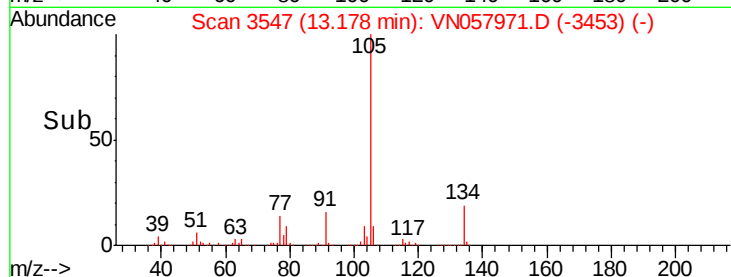
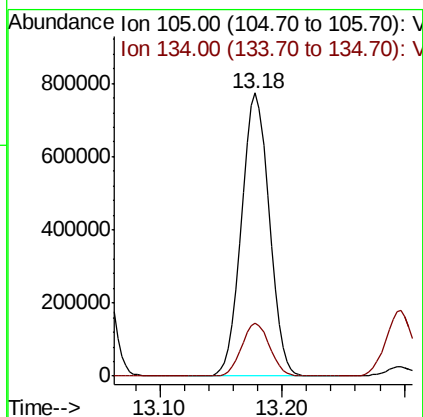
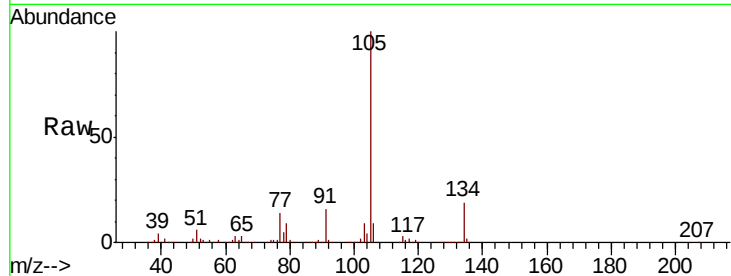




#85
 sec-Butylbenzene
 Concen: 51.316 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

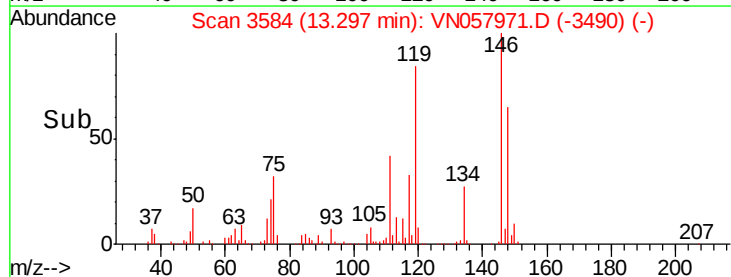
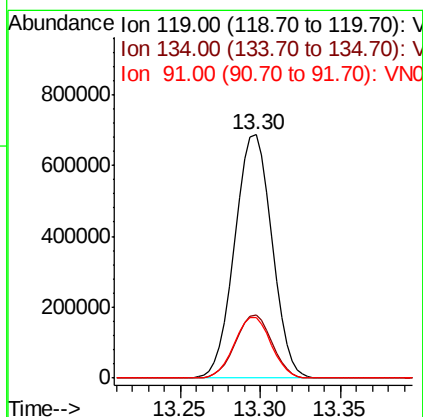
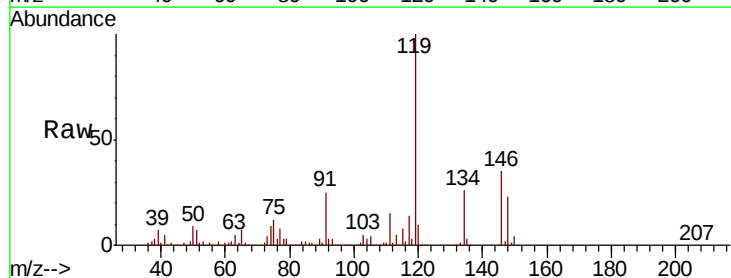
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

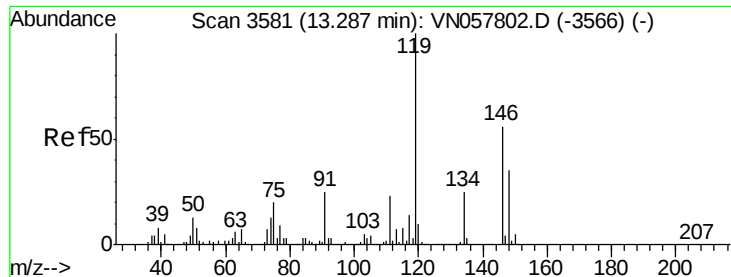
Tgt Ion:105 Resp: 1211255
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 52.239 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion:119 Resp: 1086432
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.5 37.5
 91 24.6 12.3 36.8

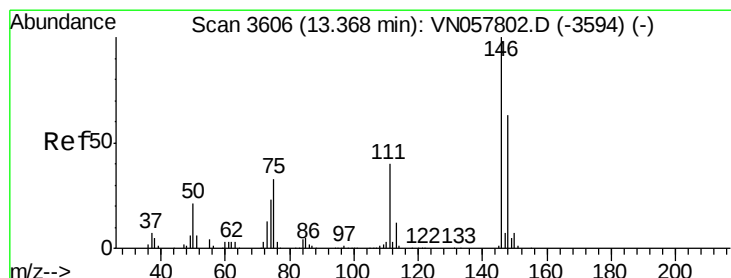
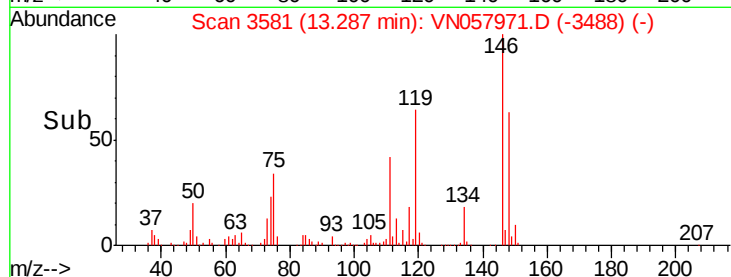
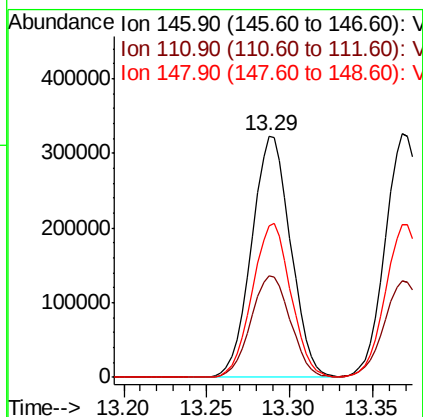
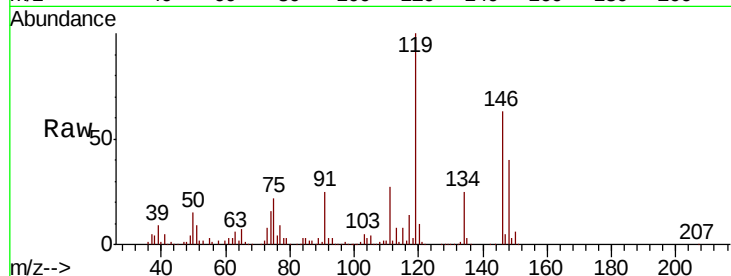




#87
 1,3-Dichlorobenzene
 Concen: 48.703 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

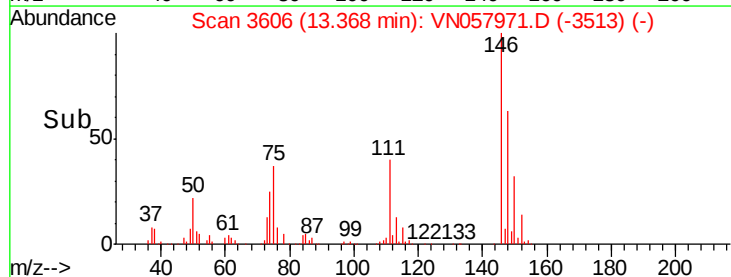
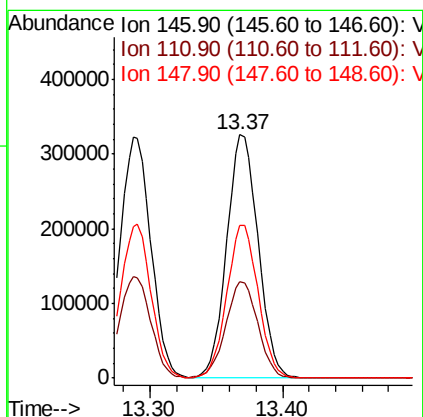
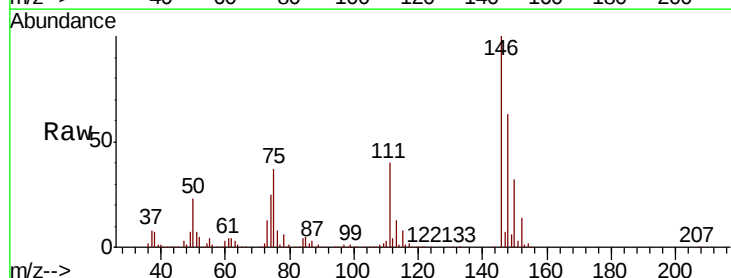
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

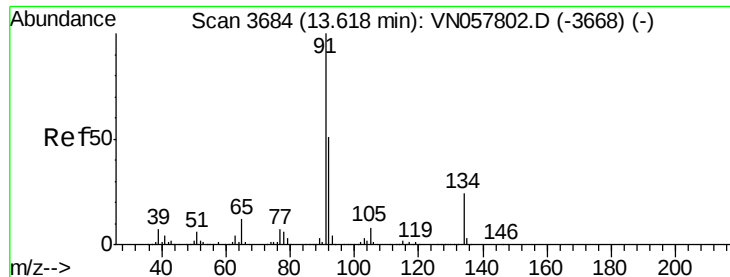
Tgt Ion:146 Resp: 528468
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.5 61.6
 148 63.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 48.635 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion:146 Resp: 535671
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.2
 148 62.5 31.8 95.4





#89

n-Butylbenzene

Concen: 51.403 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

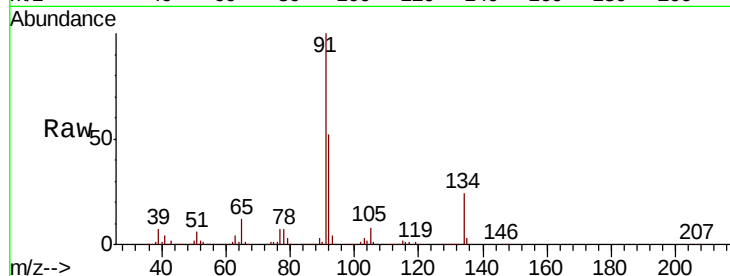
Tgt Ion: 91 Resp: 1009560

Ion Ratio Lower Upper

91 100

92 51.6 25.7 77.0

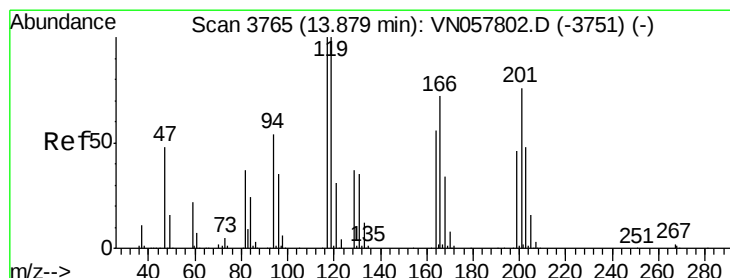
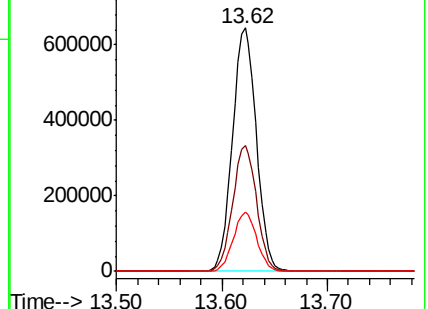
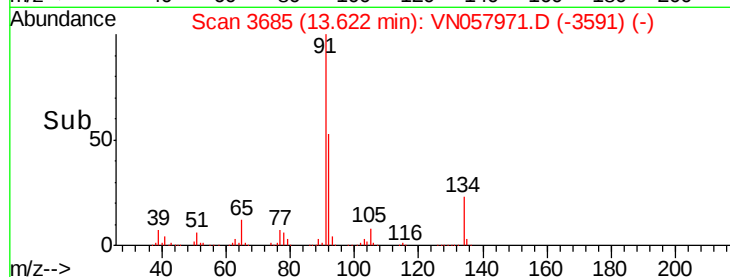
134 24.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)



#90

Hexachloroethane

Concen: 51.922 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057971.D

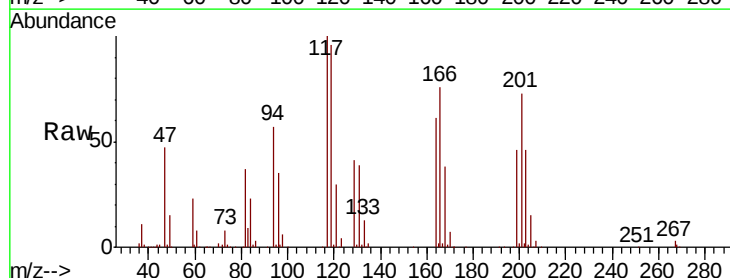
Acq: 12 Sep 2019 15:13

Tgt Ion: 117 Resp: 160595

Ion Ratio Lower Upper

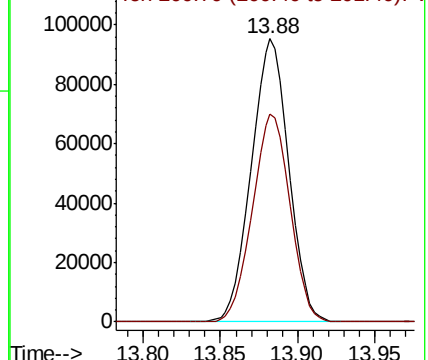
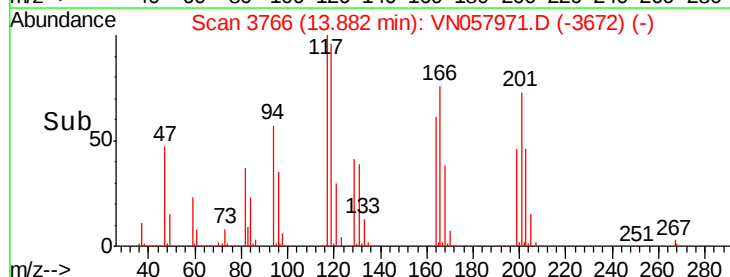
117 100

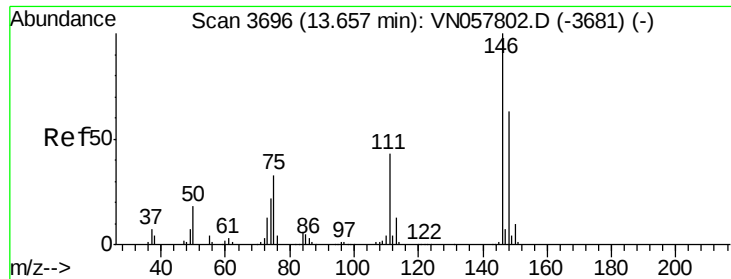
201 73.7 37.5 112.7



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)





#91

1,2-Dichlorobenzene

Concen: 48.877 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

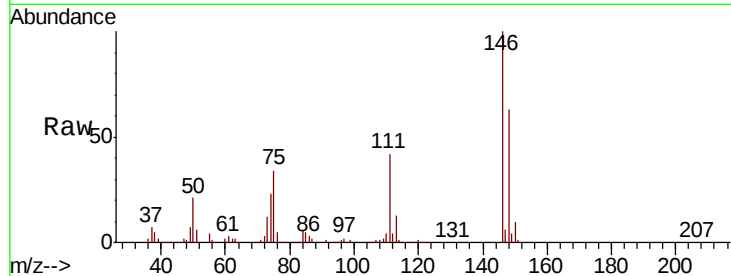
Tgt Ion:146 Resp: 529840

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

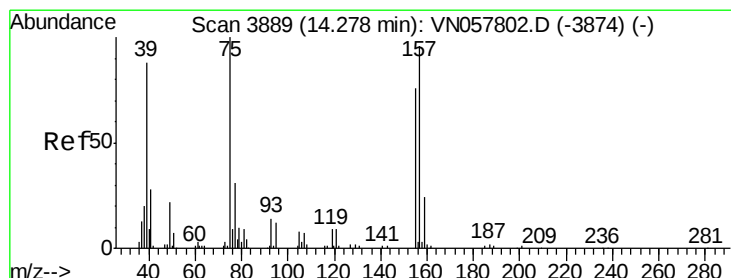
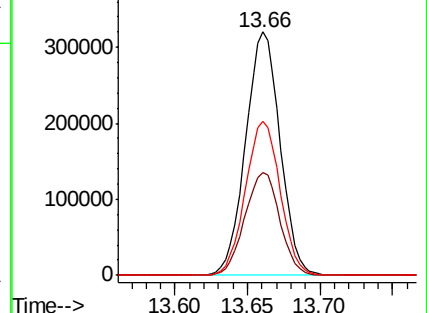
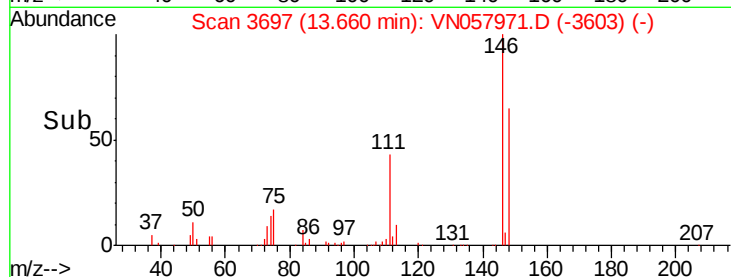
148 63.9 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.804 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN057971.D

Acq: 12 Sep 2019 15:13

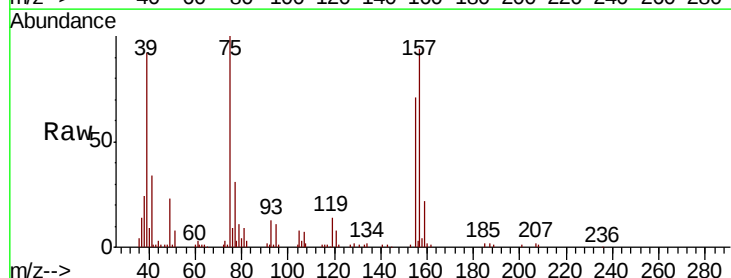
Tgt Ion: 75 Resp: 70936

Ion Ratio Lower Upper

75 100

155 72.9 37.3 111.8

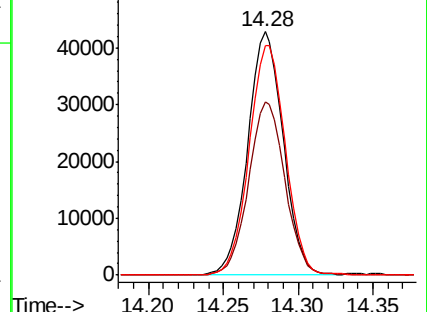
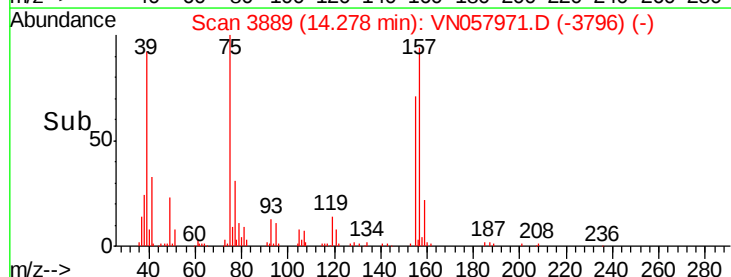
157 95.5 47.9 143.8



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

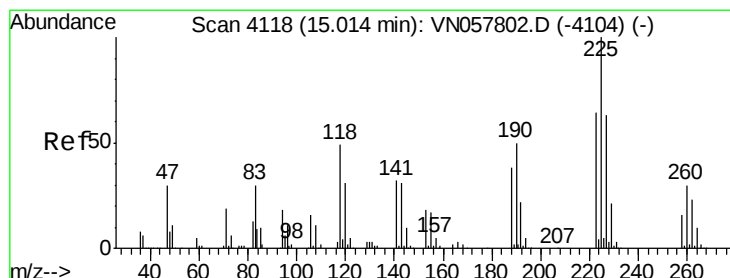
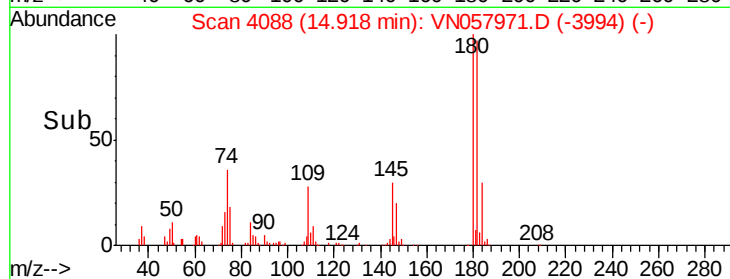
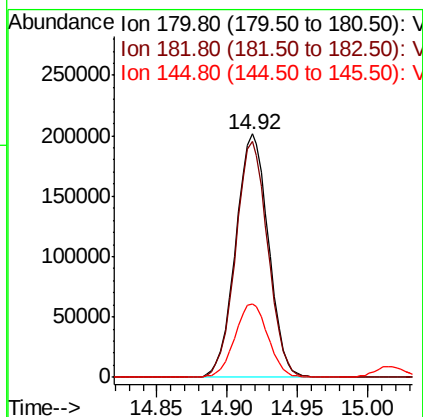
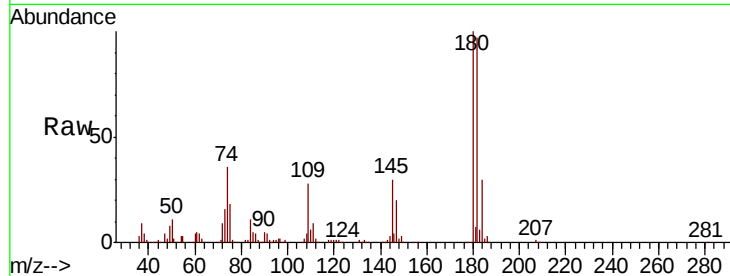




#93
 1,2,4-Trichlorobenzene
 Concen: 46.350 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

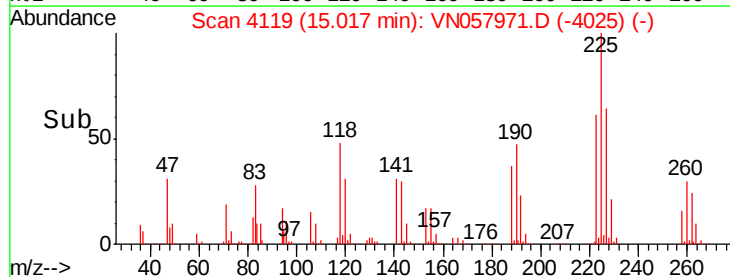
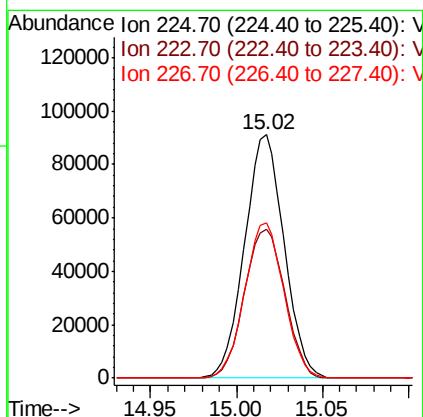
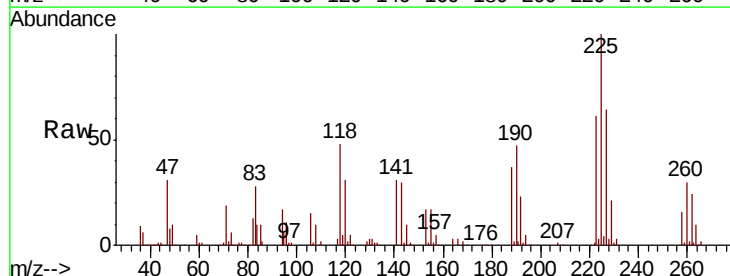
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

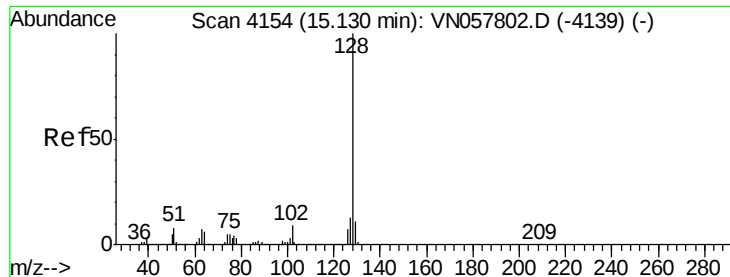
Tgt Ion:180 Resp: 328408
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.8
 145 30.5 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 48.290 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057971.D
 Acq: 12 Sep 2019 15:13

Tgt Ion:225 Resp: 145043
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.2
 227 63.5 31.8 95.4

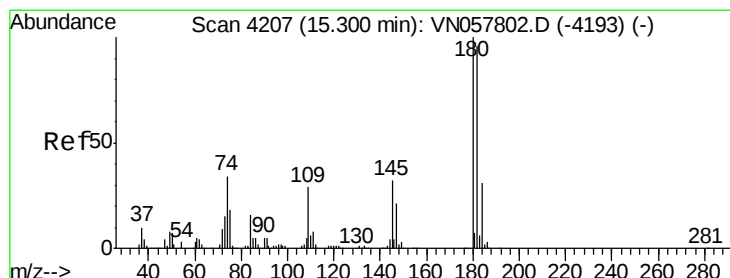
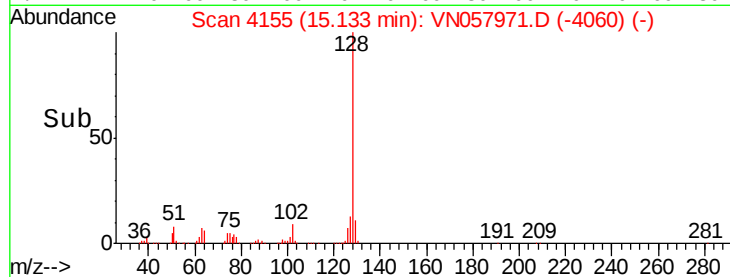
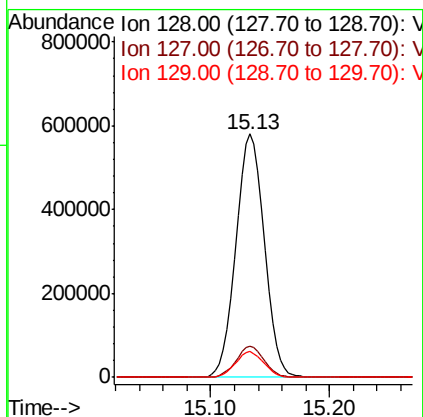
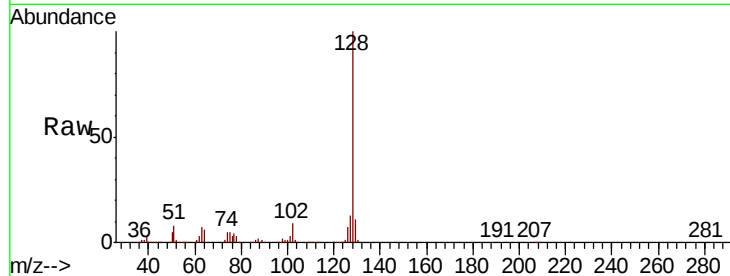




#95
Naphthalene
Concen: 53.857 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 961210
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.812 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057971.D
Acq: 12 Sep 2019 15:13

Tgt Ion:180 Resp: 314407
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.8
145 32.0 16.3 48.8

