

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057923.D
 Acq On : 11 Sep 2019 14:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 01:33:59 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	343073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	573871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	543259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	363681	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.58	113	262710	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1070782	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	384546	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	257704	54.316	ug/l	99
3) Chloromethane	2.03	50	223623	46.244	ug/l	98
4) Vinyl Chloride	2.16	62	230159	44.971	ug/l	100
5) Bromomethane	2.53	94	116862	41.287	ug/l	93
6) Chloroethane	2.67	64	144068	44.176	ug/l	98
7) Trichlorofluoromethane	2.99	101	289097	44.886	ug/l	98
8) Diethyl Ether	3.39	74	131063	48.789	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	195563	48.133	ug/l	98
10) Methyl Iodide	3.93	142	187455	41.460	ug/l	99
11) Tert butyl alcohol	4.77	59	225025	267.565	ug/l	99
12) 1,1-Dichloroethene	3.71	96	169783	46.476	ug/l	98
13) Acrolein	3.59	56	142681	199.971	ug/l	99
14) Allyl chloride	4.30	41	309643	43.312	ug/l	99
15) Acrylonitrile	4.97	53	599036	259.143	ug/l	100
16) Acetone	3.80	43	514396	225.820	ug/l	97
17) Carbon Disulfide	4.03	76	250621	44.098	ug/l	99
18) Methyl Acetate	4.30	43	335919	55.308	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	778674	51.219	ug/l	99
20) Methylene Chloride	4.53	84	226432	52.271	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	184591	46.743	ug/l	96
22) Diisopropyl ether	5.93	45	853613	50.915	ug/l	99
23) Vinyl Acetate	5.88	43	3055157	257.131	ug/l	99
24) 1,1-Dichloroethane	5.83	63	449774	49.087	ug/l	99
25) 2-Butanone	6.82	43	820912	248.993	ug/l	99
26) 2,2-Dichloropropane	6.81	77	165527	22.827	ug/l	93
27) cis-1,2-Dichloroethene	6.81	96	254568	48.102	ug/l	95
28) Bromochloromethane	7.18	49	232851	50.867	ug/l	98
29) Tetrahydrofuran	7.20	42	521514	256.704	ug/l	99
30) Chloroform	7.36	83	467134	48.759	ug/l	98
31) Cyclohexane	7.64	56	309972	49.626	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	366539	48.240	ug/l	99
36) 1,1-Dichloropropene	7.78	75	297373	44.682	ug/l	100
37) Ethyl Acetate	6.91	43	333123	48.445	ug/l	100
38) Carbon Tetrachloride	7.76	117	289696	47.676	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	305218	43.625	ug/l	98
40) Benzene	8.03	78	949168	47.371	ug/l	97
41) Methacrylonitrile	7.16	41	145807	46.713	ug/l	92
42) 1,2-Dichloroethane	8.11	62	387669	48.377	ug/l	100
43) Isopropyl Acetate	8.15	43	578958	50.067	ug/l	100
44) Trichloroethene	8.83	130	231769	47.160	ug/l	95
45) 1,2-Dichloropropane	9.11	63	277892	47.662	ug/l	99
46) Dibromomethane	9.20	93	174571	49.548	ug/l	99
47) Bromodichloromethane	9.40	83	346186	49.205	ug/l	100
48) Methyl methacrylate	9.19	41	289976	49.435	ug/l	99
49) 1,4-Dioxane	9.19	88	101661	1024.847	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1837093	268.463	ug/l	100
52) Toluene	10.15	92	599389	47.495	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	333628	45.031	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	364119	44.514	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	261151	48.852	ug/l	98
56) Ethyl methacrylate	10.43	69	407374	50.605	ug/l	99
57) 1,3-Dichloropropane	10.71	76	456742	49.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	973775	256.829	ug/l	99
59) 2-Hexanone	10.75	43	1340545	261.361	ug/l	99
60) Dibromochloromethane	10.90	129	250359	50.435	ug/l	100
61) 1,2-Dibromoethane	11.00	107	251901	49.843	ug/l	100
64) Tetrachloroethene	10.63	164	206473	51.475	ug/l	97
65) Chlorobenzene	11.43	112	677736	47.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	245825	49.829	ug/l	98
67) Ethyl Benzene	11.51	91	1234856	49.559	ug/l	100
68) m/p-Xylenes	11.62	106	909094	99.605	ug/l	98
69) o-Xylene	11.95	106	454579	50.099	ug/l	99
70) Styrene	11.97	104	795603	50.950	ug/l	100
71) Bromoform	12.13	173	157467	51.196	ug/l #	99
73) Isopropylbenzene	12.25	105	1248243	48.319	ug/l	99
74) N-amyl acetate	12.07	43	565126	50.266	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	411830	47.347	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	476161	63.225	ug/l #	100
77) Bromobenzene	12.53	156	295547	45.887	ug/l	97
78) n-propylbenzene	12.59	91	1461401	49.264	ug/l	100
79) 2-Chlorotoluene	12.68	91	872255	46.523	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1071381	49.084	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	79947	37.356	ug/l	93
82) 4-Chlorotoluene	12.78	91	920107	47.788	ug/l	99
83) tert-Butylbenzene	13.00	119	925123	47.680	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1099903	49.580	ug/l	98
85) sec-Butylbenzene	13.18	105	1262846	49.106	ug/l	100
86) p-Isopropyltoluene	13.29	119	1132728	49.990	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	568520	48.089	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	559961	46.663	ug/l	100
89) n-Butylbenzene	13.62	91	1021957	47.758	ug/l	99
90) Hexachloroethane	13.88	117	167309	49.648	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	559573	47.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	75976	52.892	ug/l	98

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QLast Update : Tue Sep 10 03:02:13 2019
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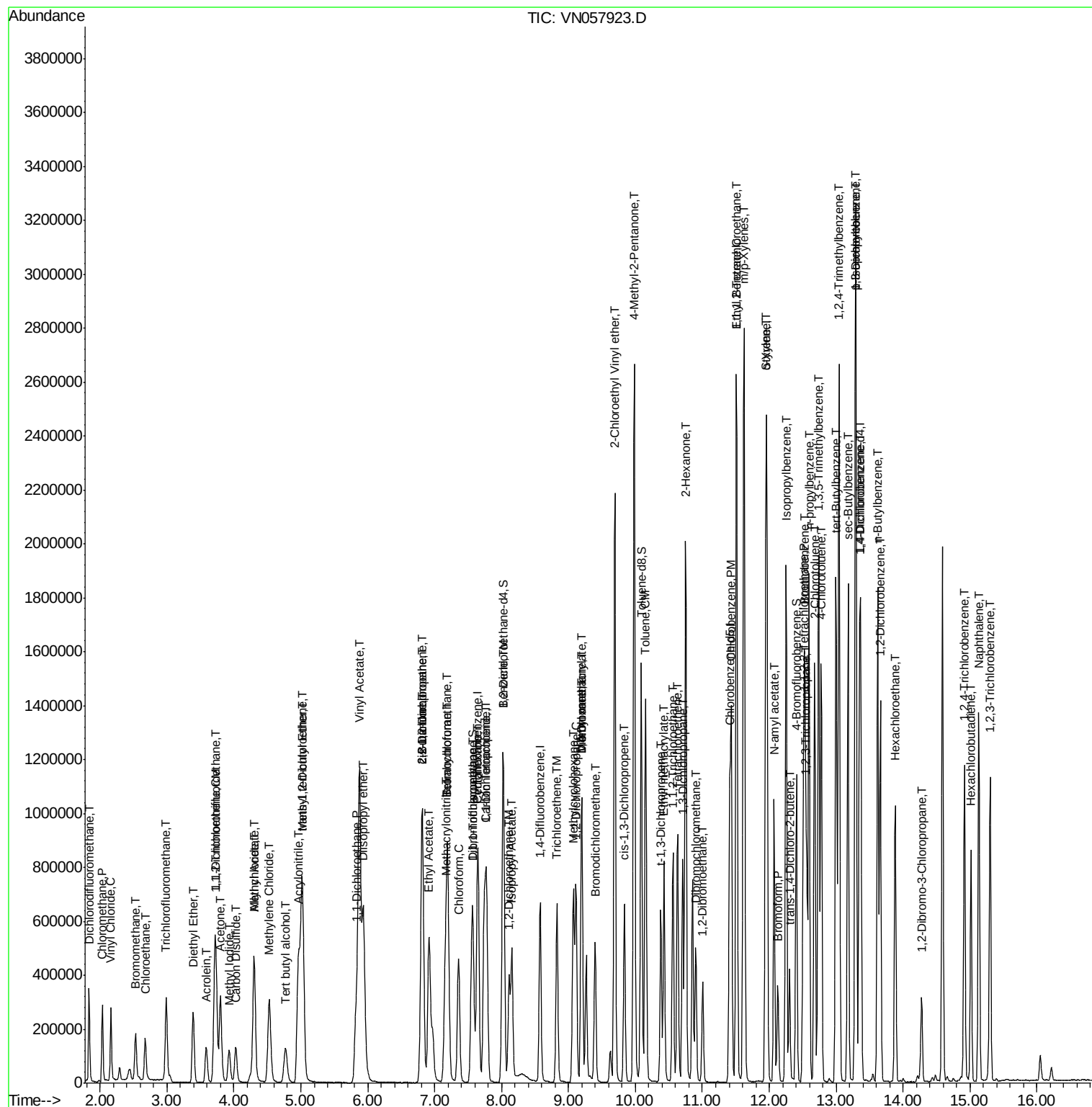
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	347337	44.993	ug/l	98
94) Hexachlorobutadiene	15.01	225	148021	45.233	ug/l	98
95) Naphthalene	15.13	128	1083312	55.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	332170	49.302	ug/l	100

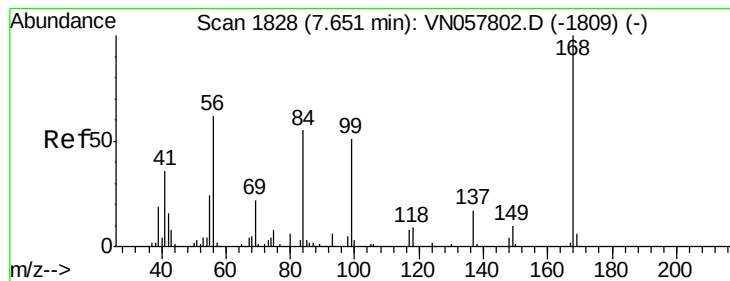
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
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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: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

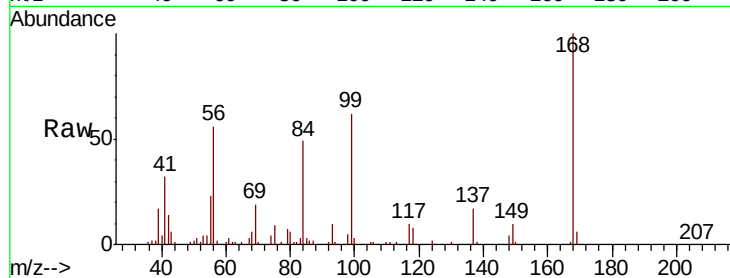
VSTDCCC050EC

Tgt Ion:168 Resp: 343073

Ion Ratio Lower Upper

168 100

99 61.6 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

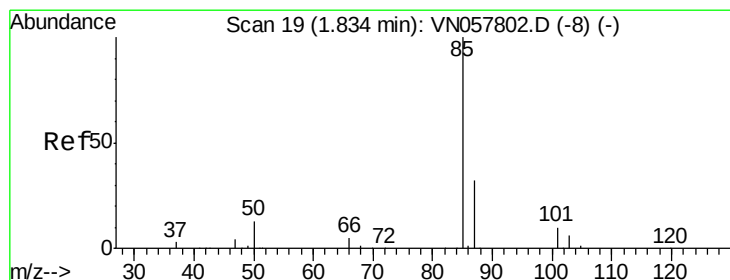
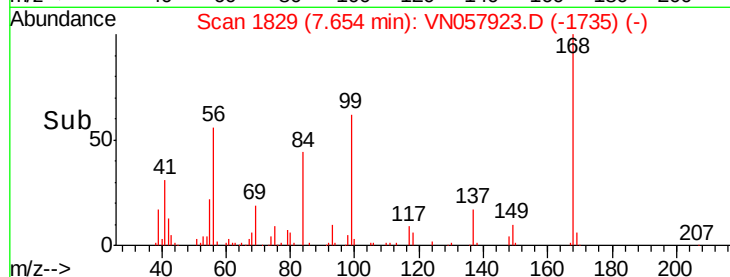
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.316 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057923.D

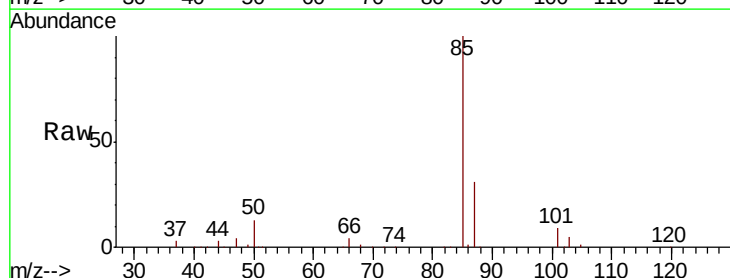
Acq: 11 Sep 2019 14:18

Tgt Ion: 85 Resp: 257704

Ion Ratio Lower Upper

85 100

87 31.4 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

200000

150000

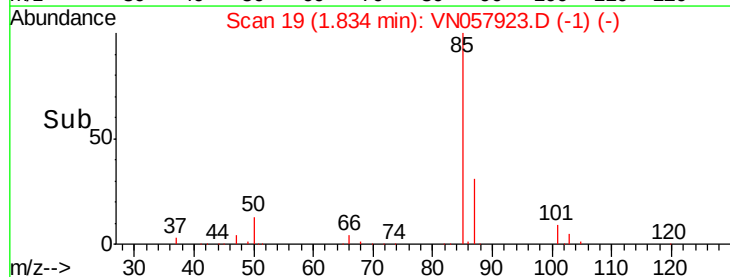
100000

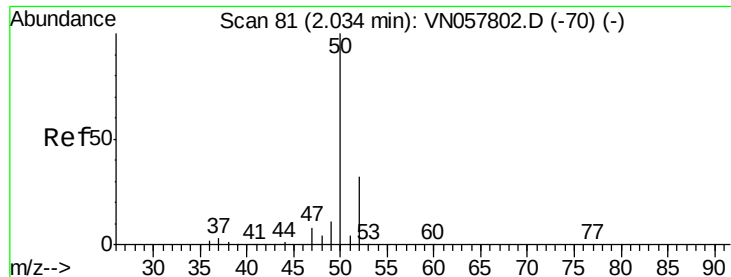
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 46.244 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

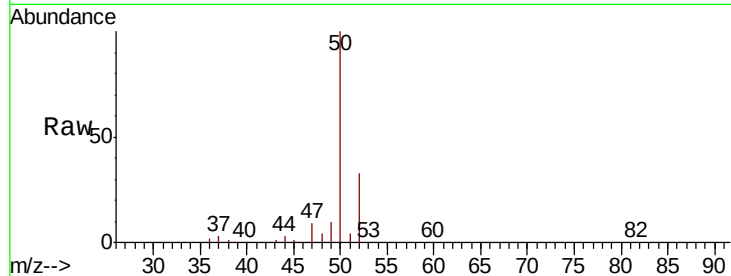
VSTDCCC050EC

Tgt Ion: 50 Resp: 223623

Ion Ratio Lower Upper

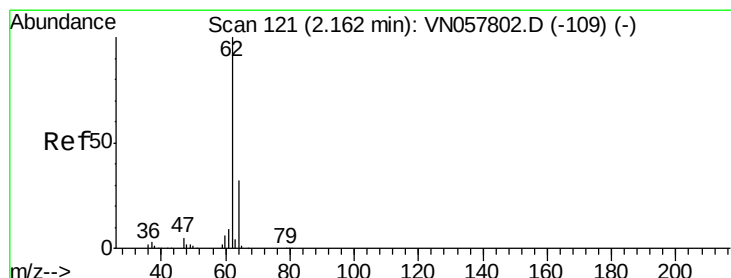
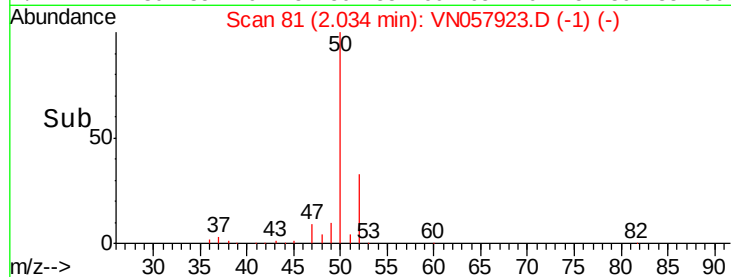
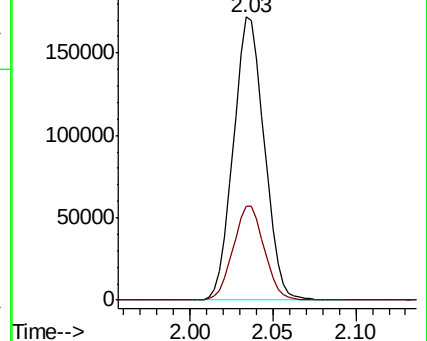
50 100

52 33.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN057923.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057923.D (-1) (-)



#4

Vinyl Chloride

Concen: 44.971 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057923.D

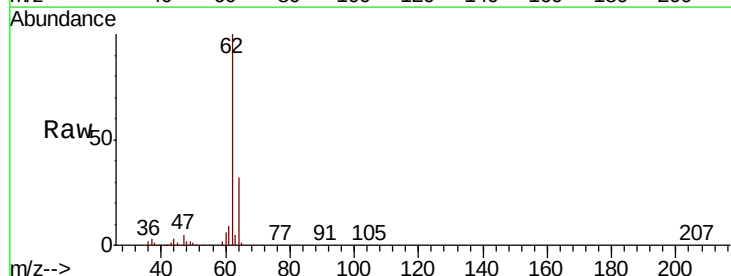
Acq: 11 Sep 2019 14:18

Tgt Ion: 62 Resp: 230159

Ion Ratio Lower Upper

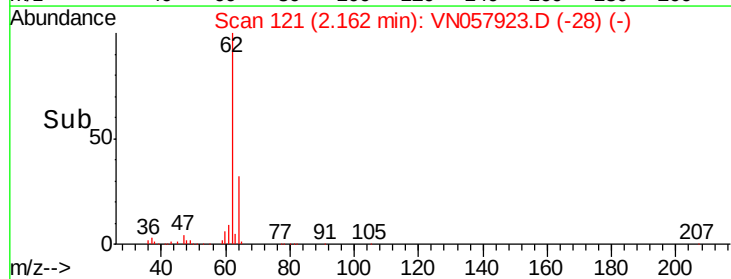
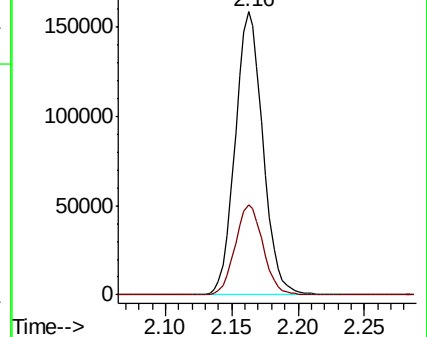
62 100

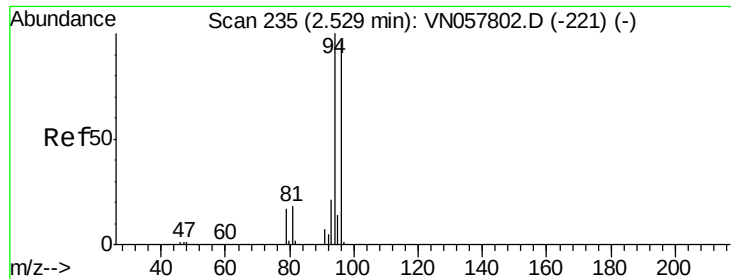
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN057923.D (-28) (-)

Ion 63.90 (63.60 to 64.60): VN057923.D (-28) (-)





#5

Bromomethane

Concen: 41.287 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

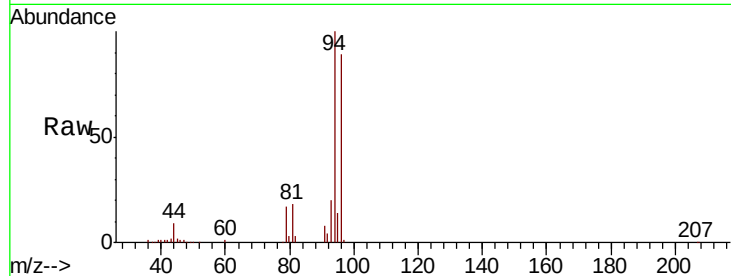
VSTDCCC050EC

Tgt Ion: 94 Resp: 116862

Ion Ratio Lower Upper

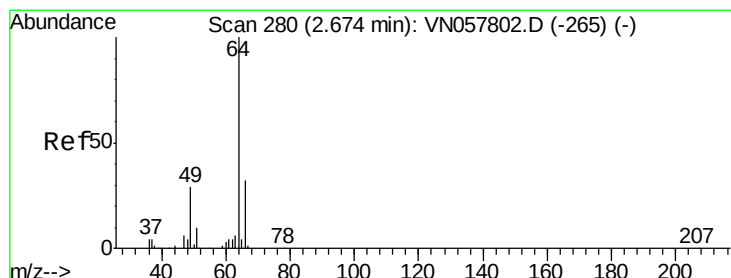
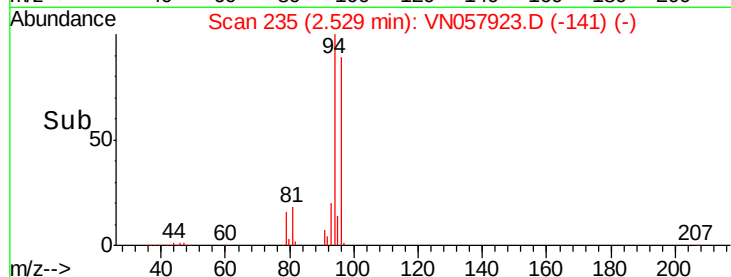
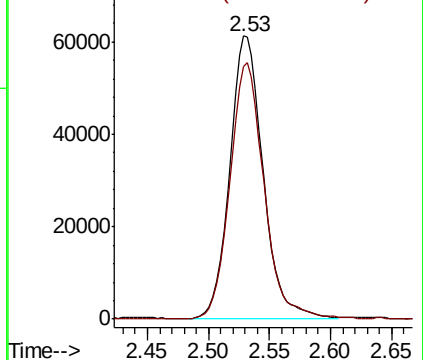
94 100

96 89.3 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.176 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN057923.D

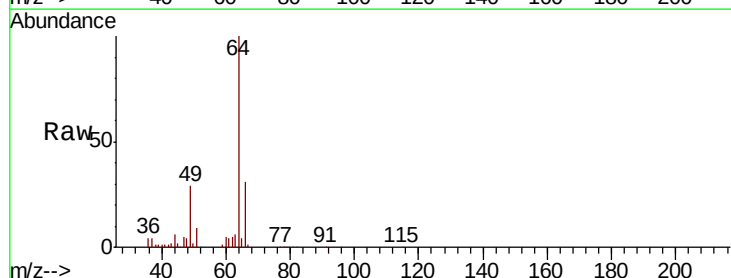
Acq: 11 Sep 2019 14:18

Tgt Ion: 64 Resp: 144068

Ion Ratio Lower Upper

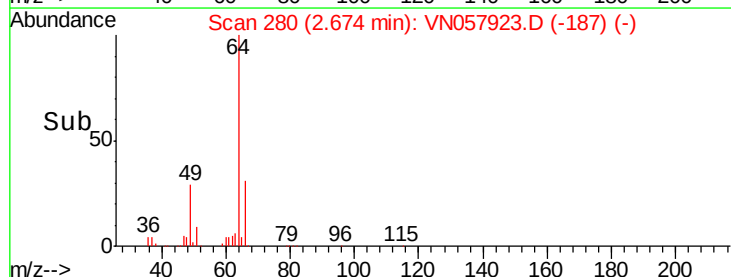
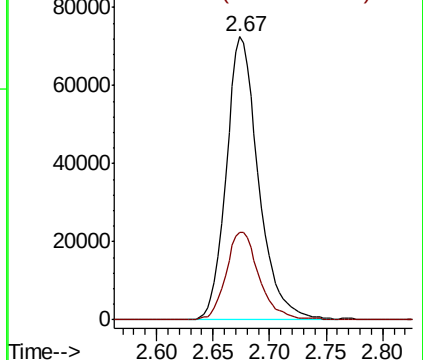
64 100

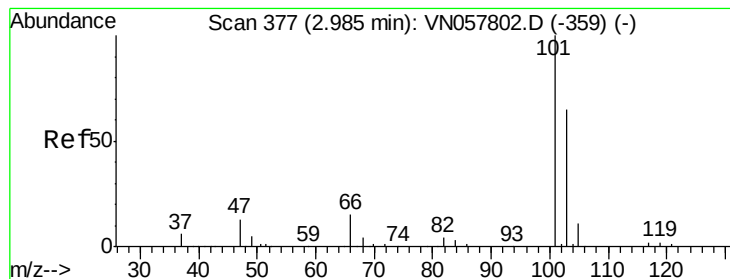
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



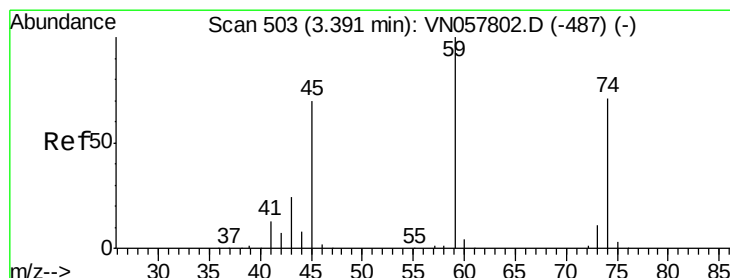
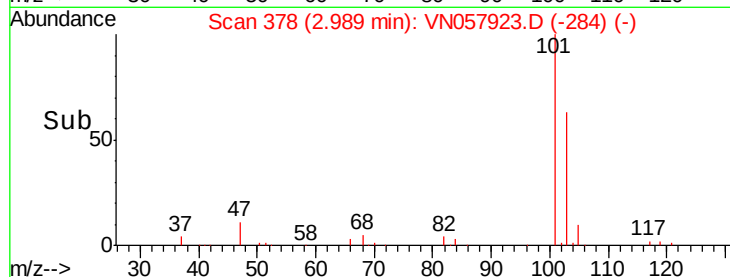
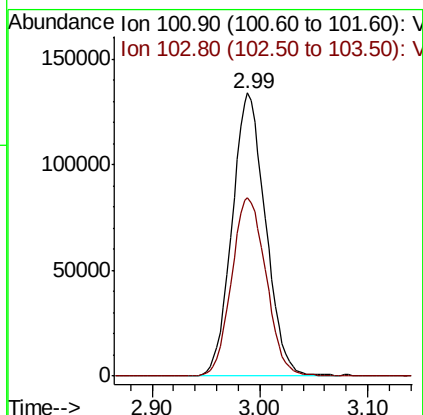
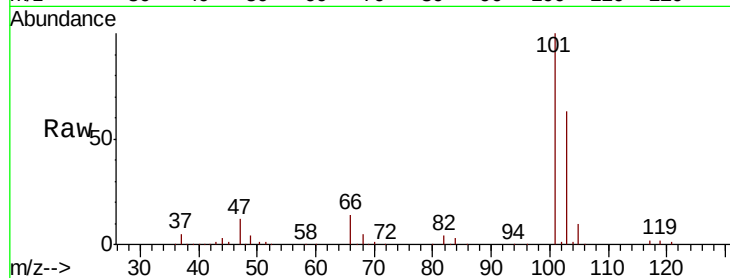


#7

Trichlorofluoromethane
Concen: 44.886 ug/l
RT: 2.99 min Scan# 378
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

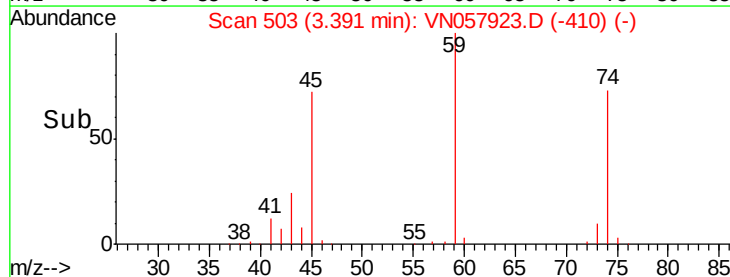
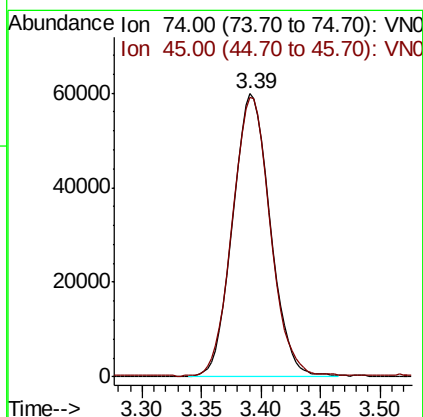
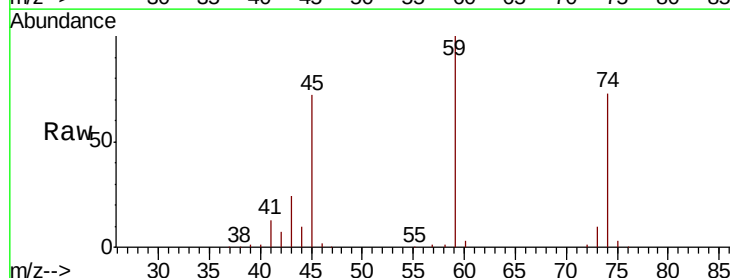
Tgt Ion:101 Resp: 289097
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9

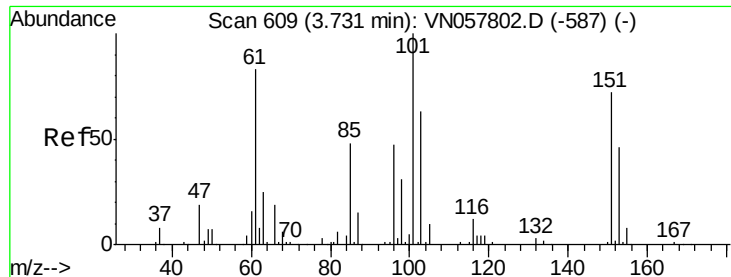


#8

Diethyl Ether
Concen: 48.789 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 74 Resp: 131063
Ion Ratio Lower Upper
74 100
45 99.2 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.133 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

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ClientSampleId :

VSTDCCC050EC

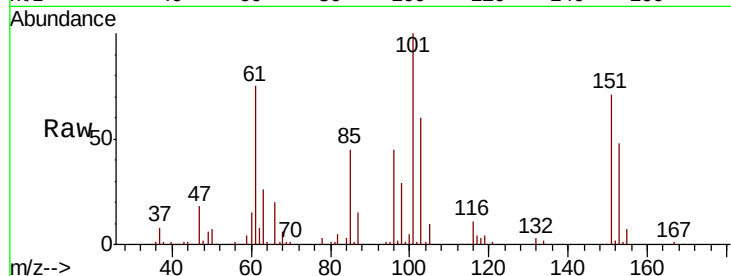
Tgt Ion:101 Resp: 195563

Ion Ratio Lower Upper

101 100

85 46.0 38.1 57.1

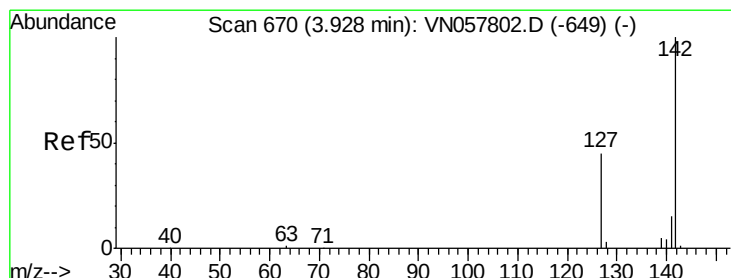
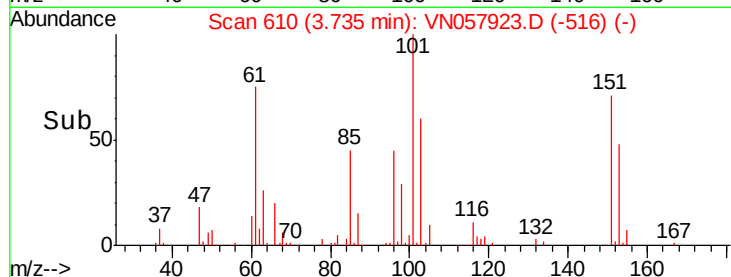
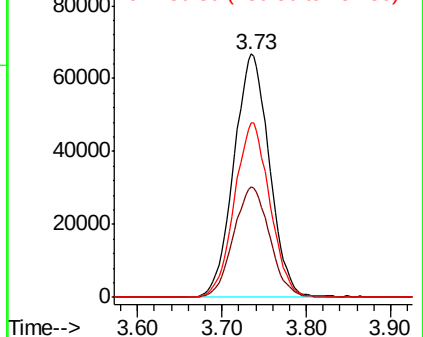
151 71.6 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.460 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

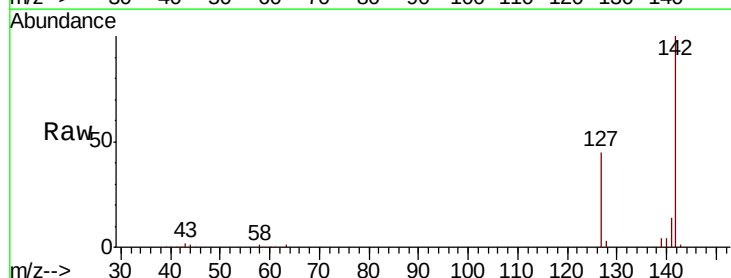
Tgt Ion:142 Resp: 187455

Ion Ratio Lower Upper

142 100

127 46.4 36.7 55.1

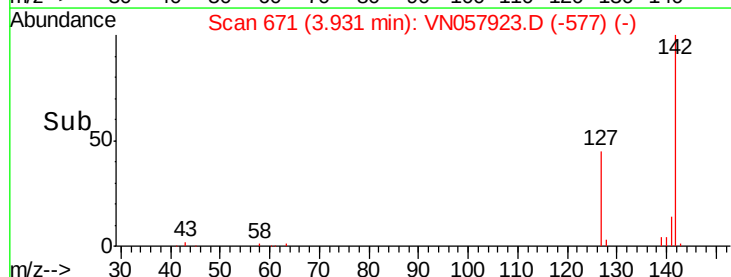
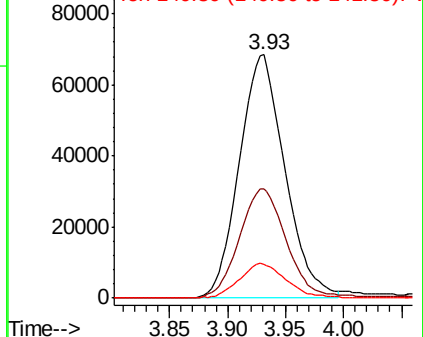
141 14.7 11.4 17.0

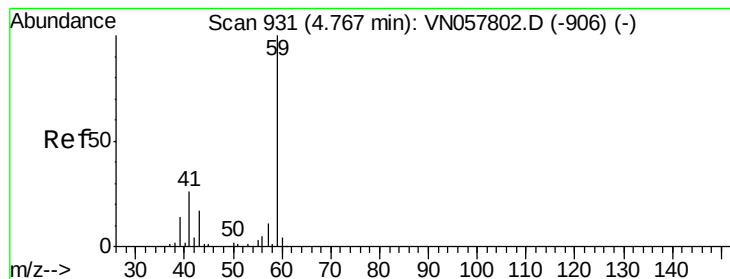


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



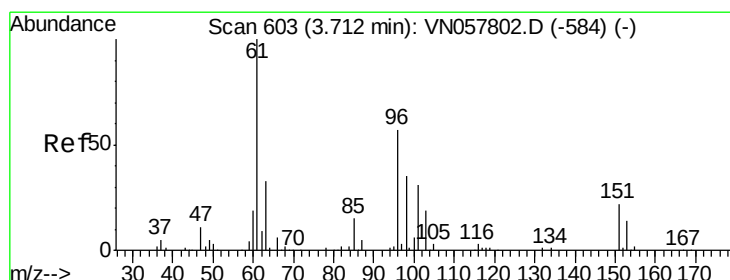
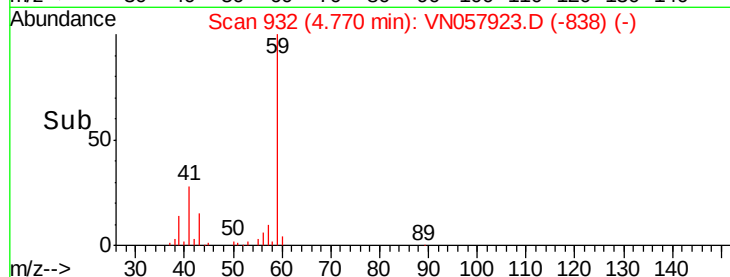
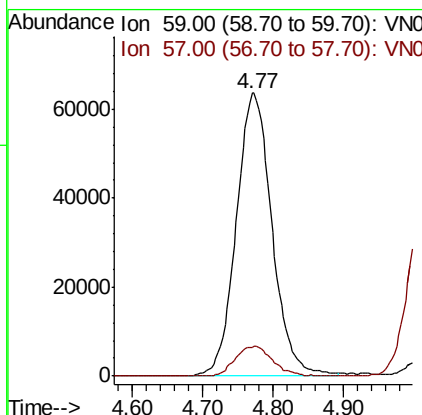
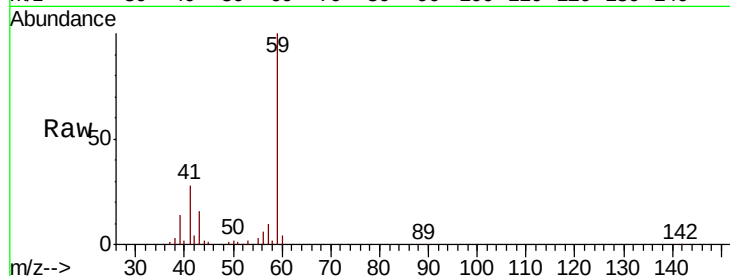


#11

Tert butyl alcohol
 Concen: 267.565 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

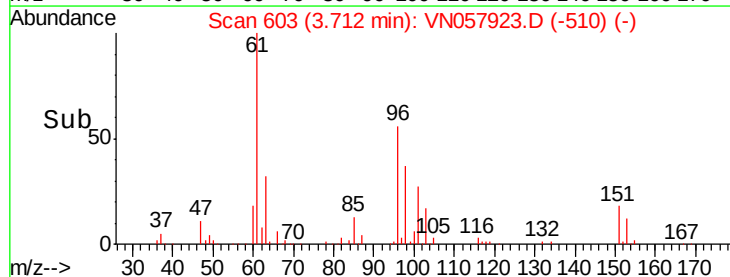
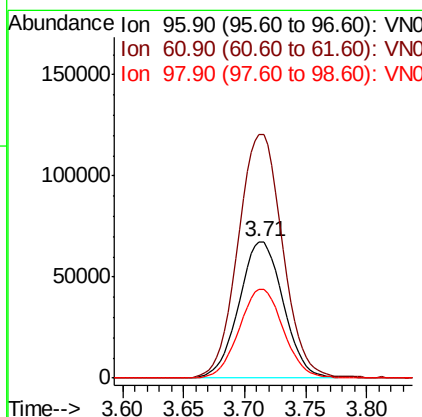
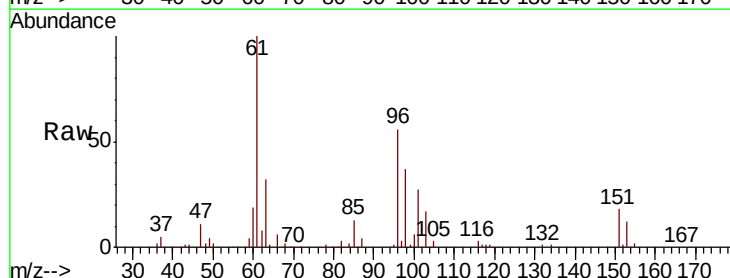
Tgt Ion: 59 Resp: 225025
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6

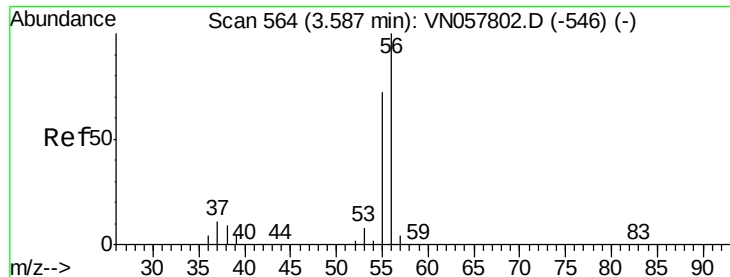


#12

1,1-Dichloroethene
 Concen: 46.476 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 96 Resp: 169783
 Ion Ratio Lower Upper
 96 100
 61 178.1 141.2 211.8
 98 65.5 49.9 74.9





#13

Acrolein

Concen: 199.971 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

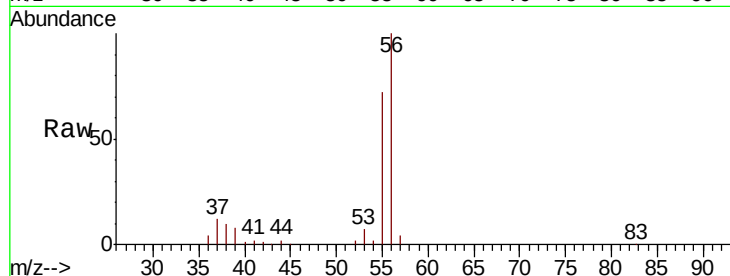
VSTDCCC050EC

Tgt Ion: 56 Resp: 142681

Ion Ratio Lower Upper

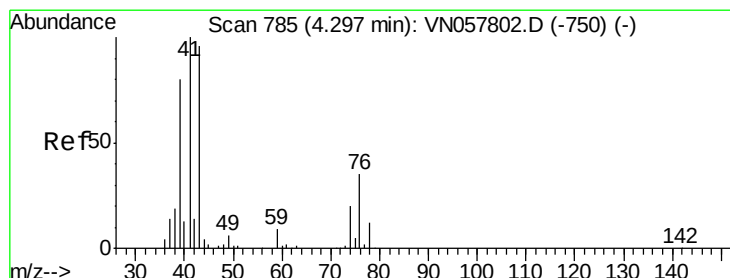
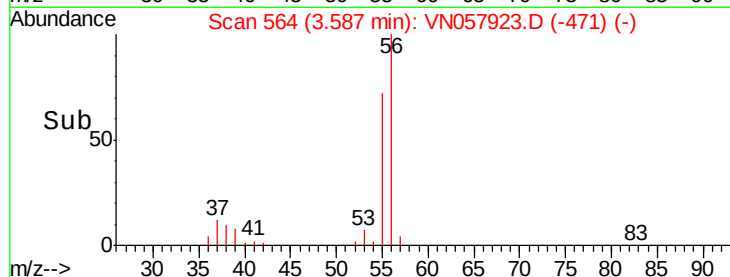
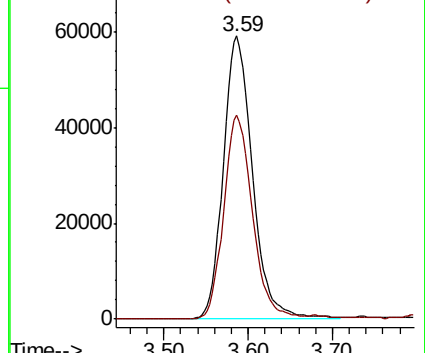
56 100

55 70.9 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 43.312 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

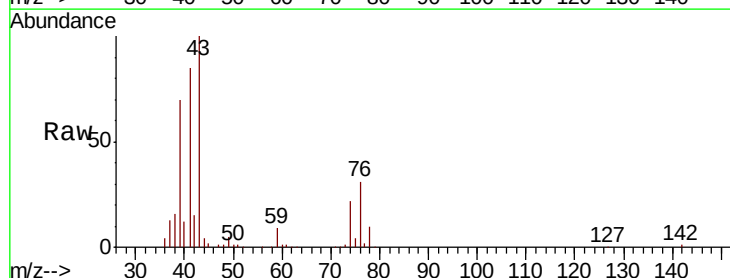
Tgt Ion: 41 Resp: 309643

Ion Ratio Lower Upper

41 100

39 74.4 59.4 89.2

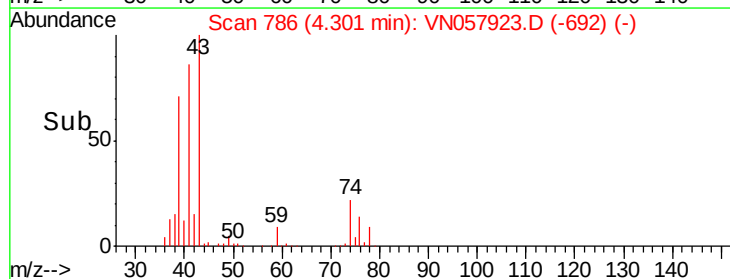
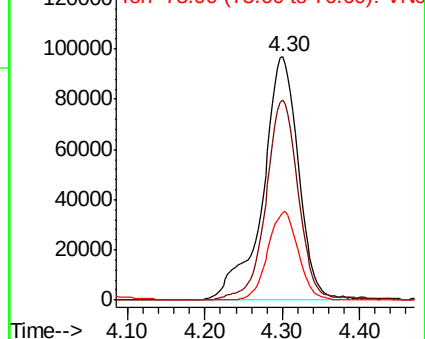
76 31.2 26.0 39.0

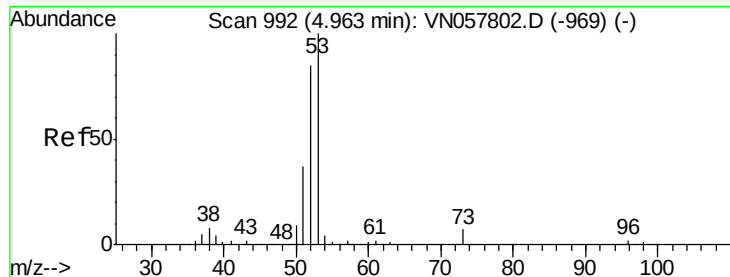


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 259.143 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

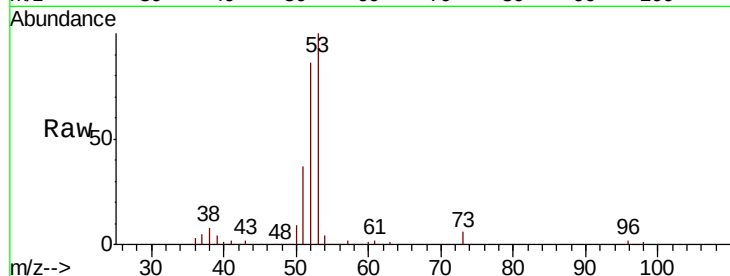
Tgt Ion: 53 Resp: 599036

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

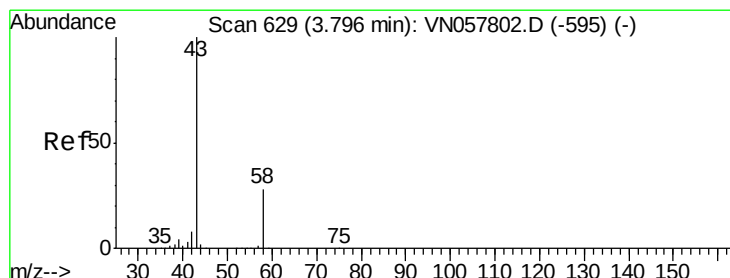
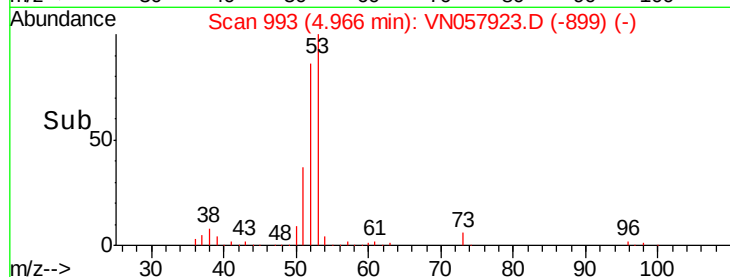
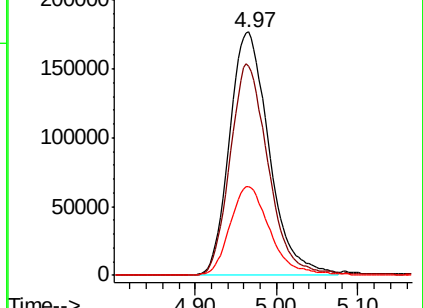
51 37.1 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 225.820 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057923.D

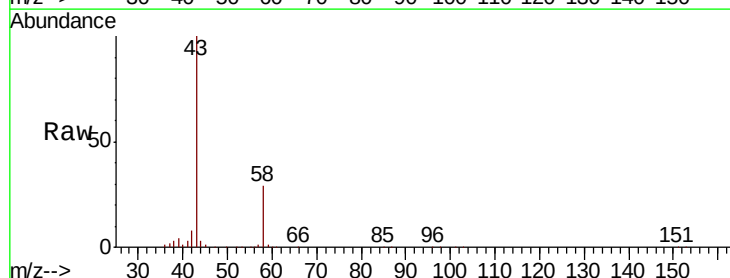
Acq: 11 Sep 2019 14:18

Tgt Ion: 43 Resp: 514396

Ion Ratio Lower Upper

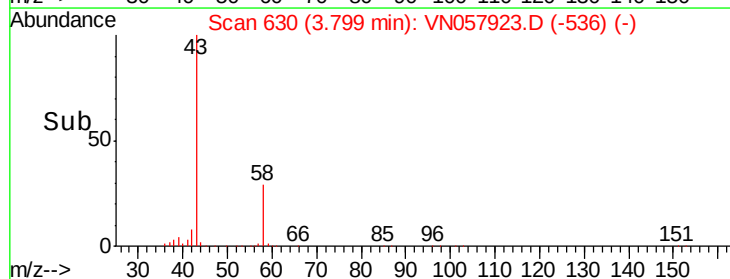
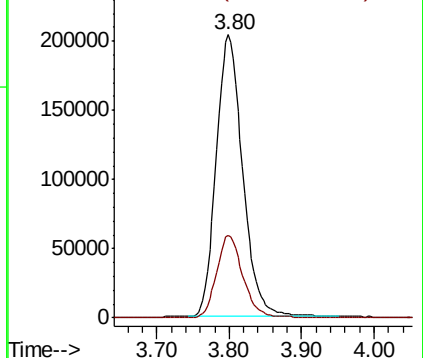
43 100

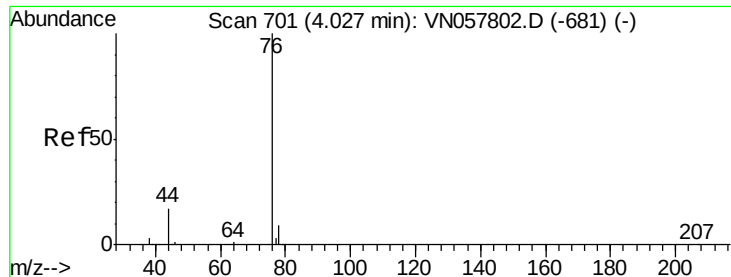
58 29.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.098 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

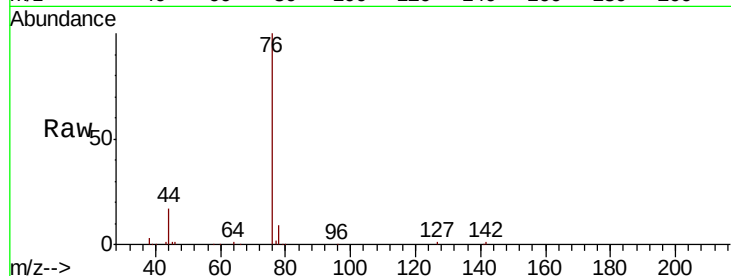
VSTDCCC050EC

Tgt Ion: 76 Resp: 250621

Ion Ratio Lower Upper

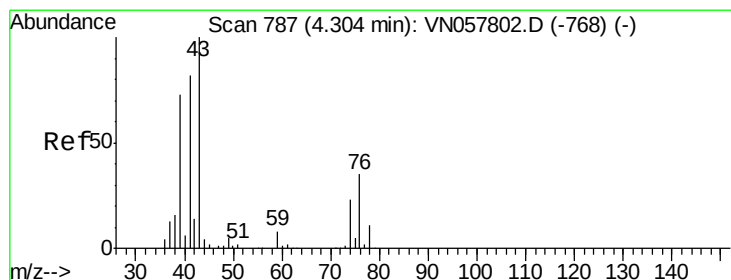
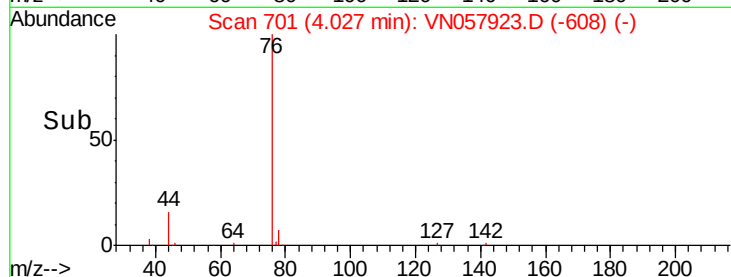
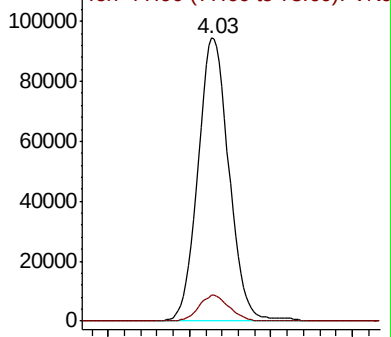
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 55.308 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057923.D

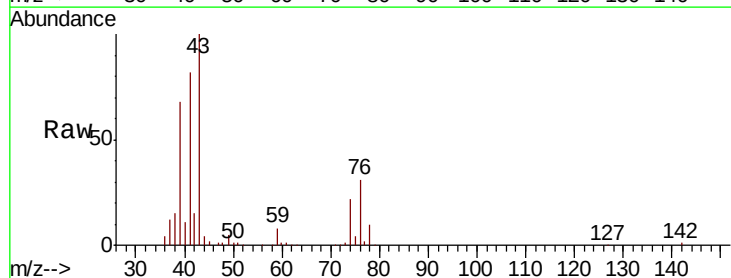
Acq: 11 Sep 2019 14:18

Tgt Ion: 43 Resp: 335919

Ion Ratio Lower Upper

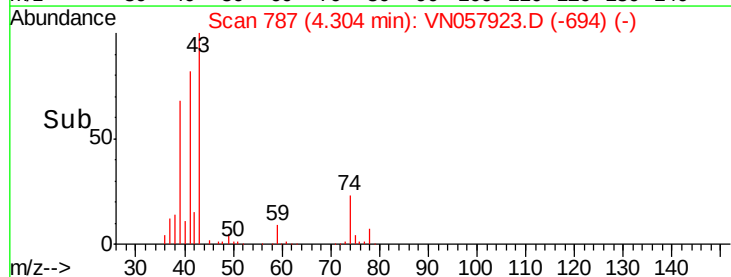
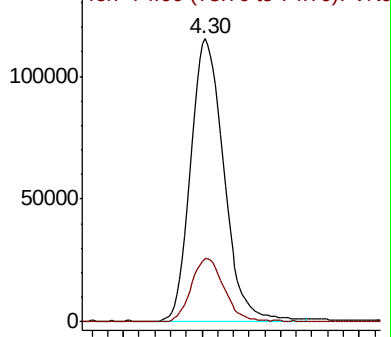
43 100

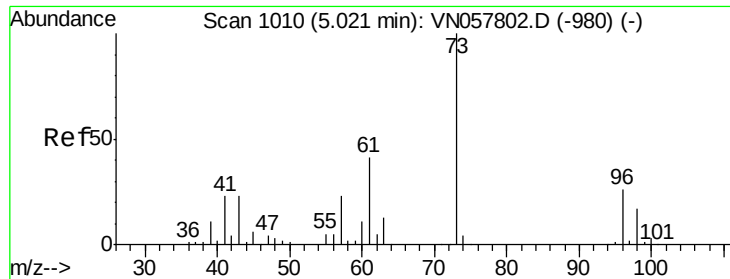
74 22.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

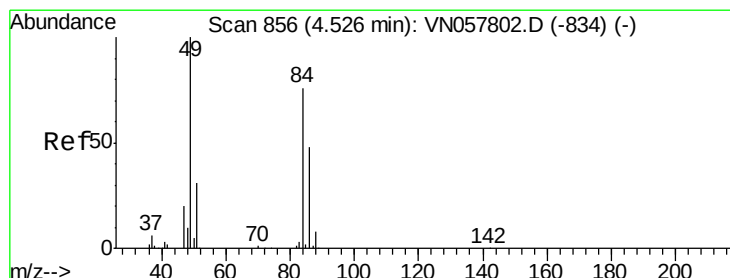
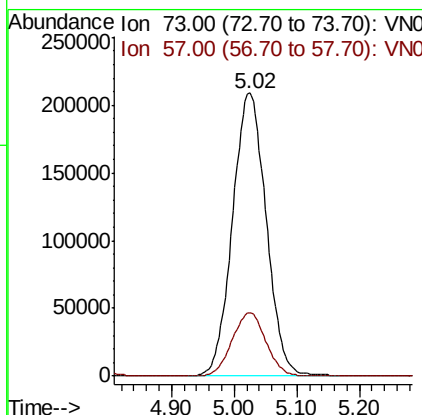
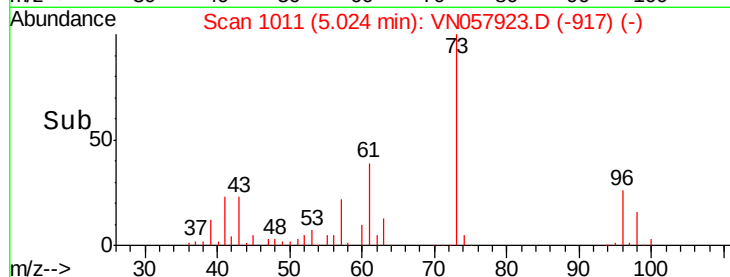
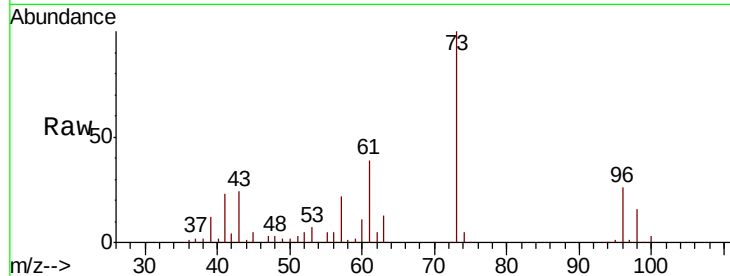




#19
Methyl tert-butyl Ether
Concen: 51.219 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

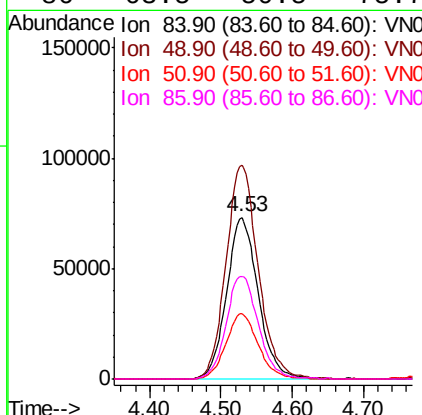
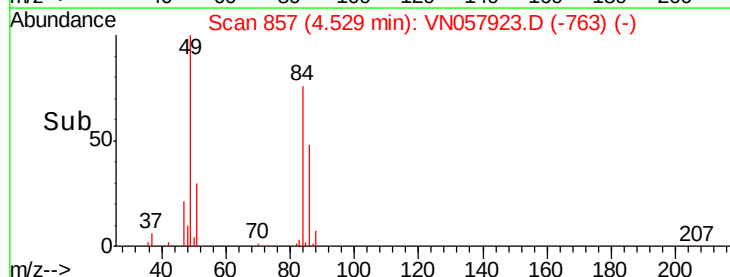
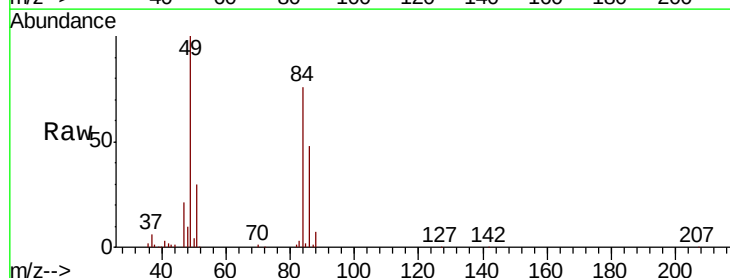
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

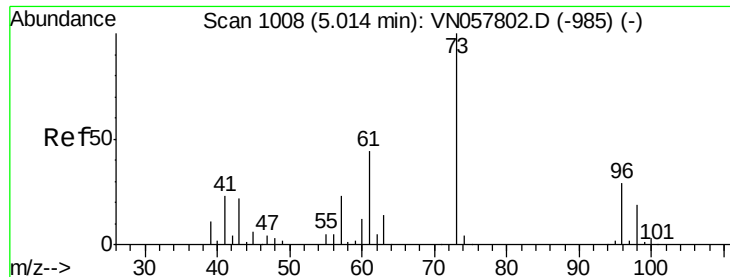
Tgt Ion: 73 Resp: 778674
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.2



#20
Methylene Chloride
Concen: 52.271 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 84 Resp: 226432
Ion Ratio Lower Upper
84 100
49 132.0 104.8 157.2
51 40.3 33.0 49.4
86 63.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 46.743 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

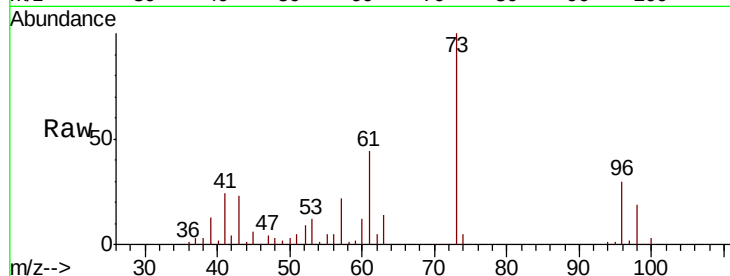
Tgt Ion: 96 Resp: 184591

Ion Ratio Lower Upper

96 100

61 147.3 121.9 182.9

98 63.4 52.2 78.4

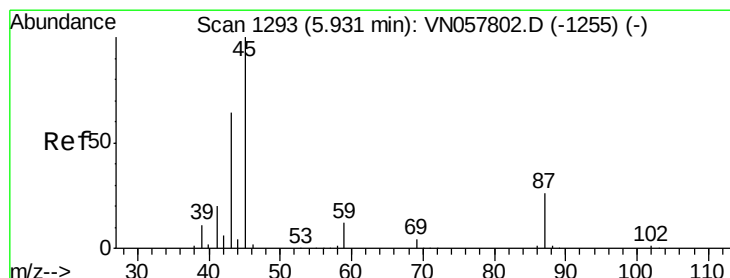
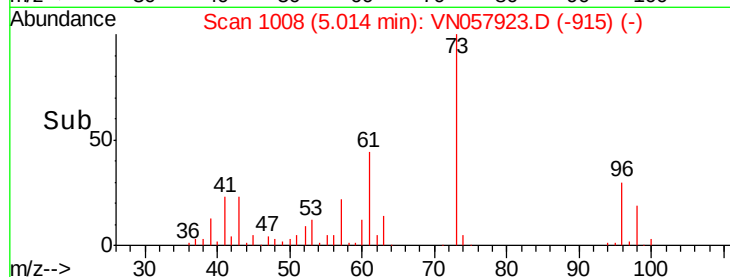
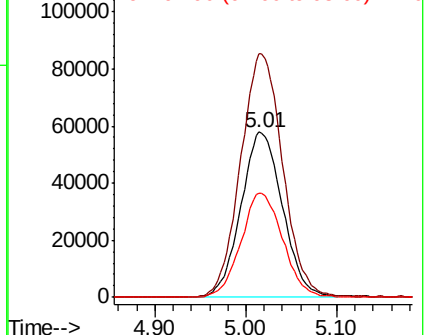


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.915 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Tgt Ion: 45 Resp: 853613

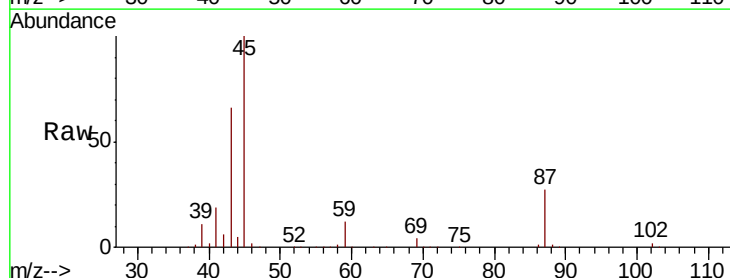
Ion Ratio Lower Upper

45 100

43 65.8 51.4 77.2

87 26.7 21.3 31.9

59 11.8 9.3 13.9



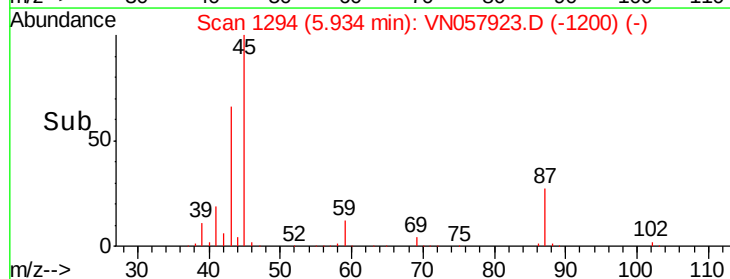
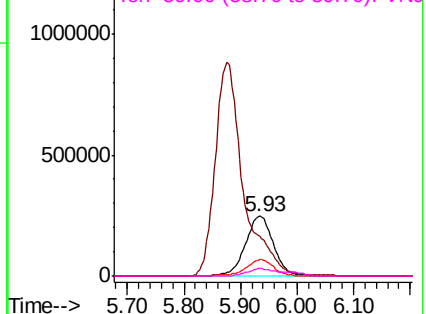
Abundance

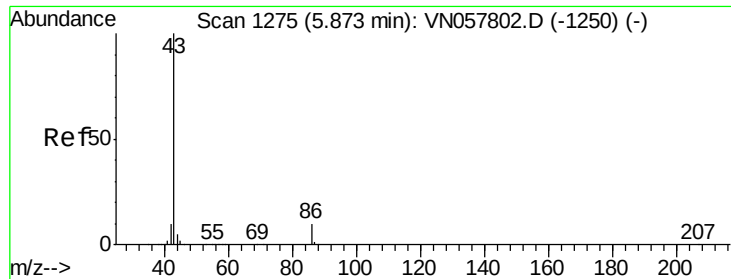
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 257.131 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

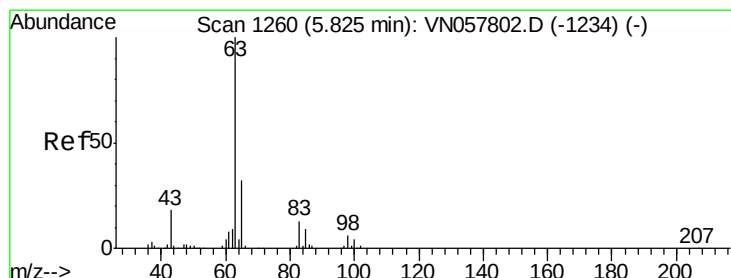
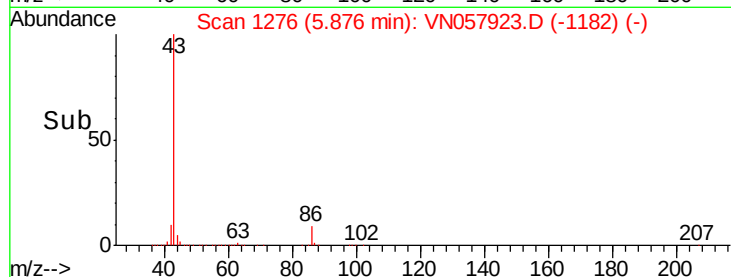
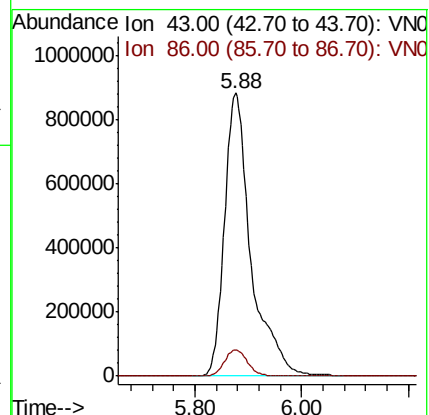
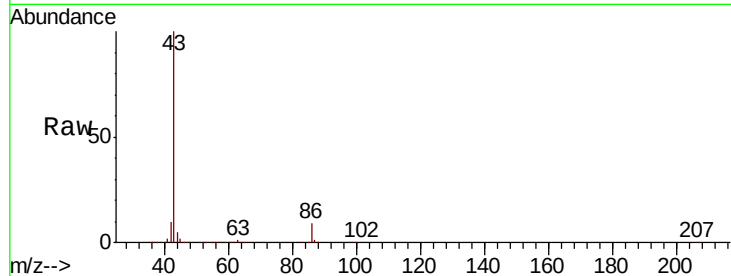
VSTDCCC050EC

Tgt Ion: 43 Resp: 3055157

Ion Ratio Lower Upper

43 100

86 9.2 7.7 11.5



#24

1,1-Dichloroethane

Concen: 49.087 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

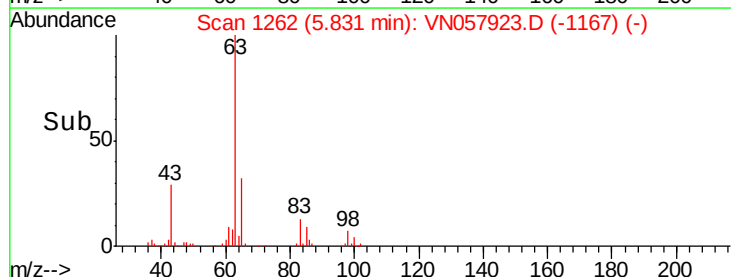
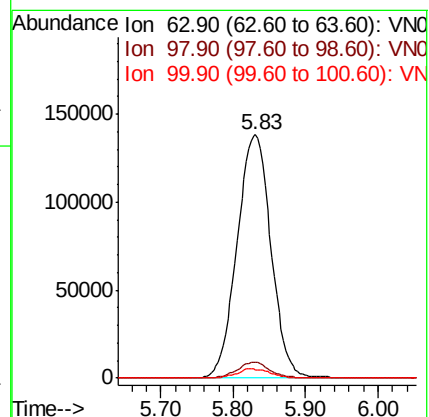
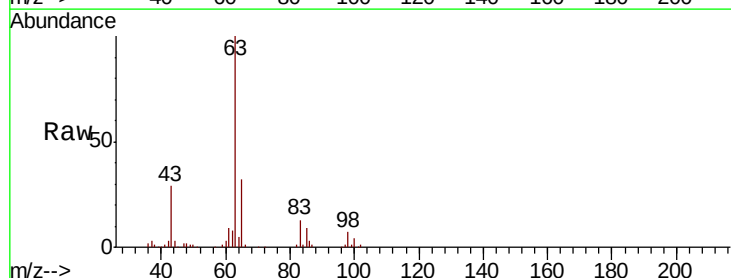
Tgt Ion: 63 Resp: 449774

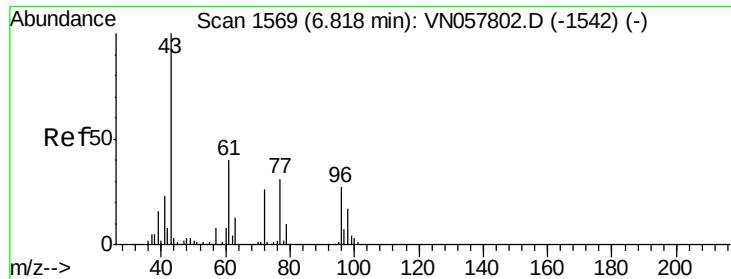
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 248.993 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

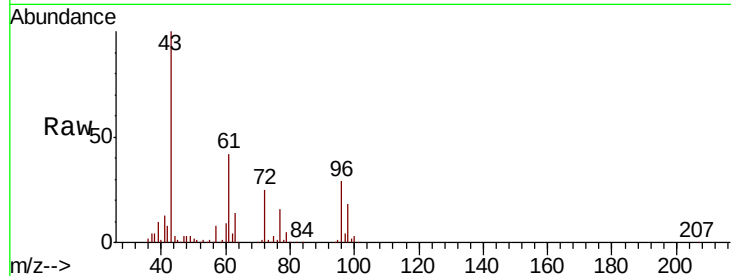
VSTDCCC050EC

Tgt Ion: 43 Resp: 820912

Ion Ratio Lower Upper

43 100

72 25.4 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN057802.D (-1542) (-)

6.82

300000

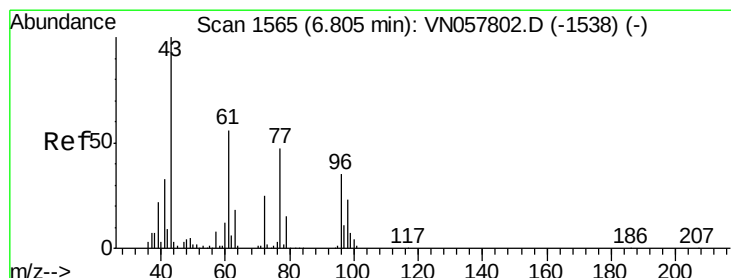
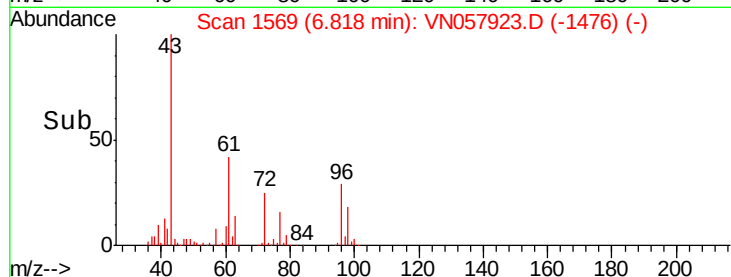
200000

100000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 22.827 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057923.D

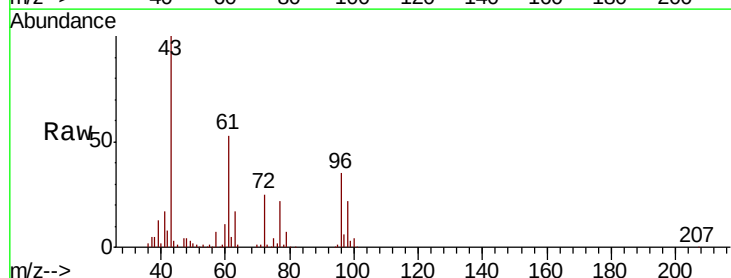
Acq: 11 Sep 2019 14:18

Tgt Ion: 77 Resp: 165527

Ion Ratio Lower Upper

77 100

97 25.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN057802.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN057802.D (-1538) (-)

6.81

60000

50000

40000

30000

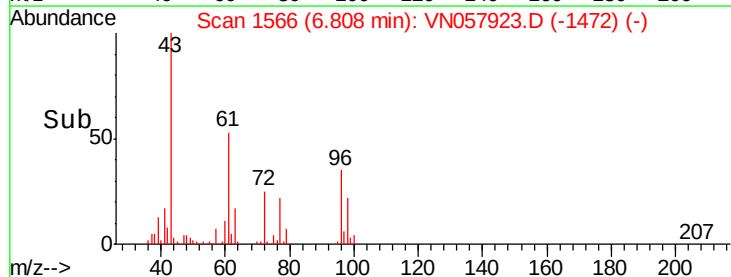
20000

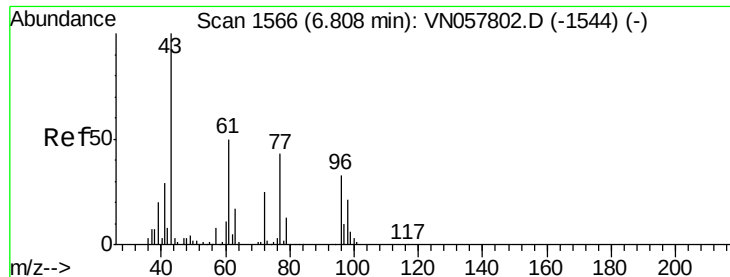
10000

0

6.70 6.80 6.90

Time-->

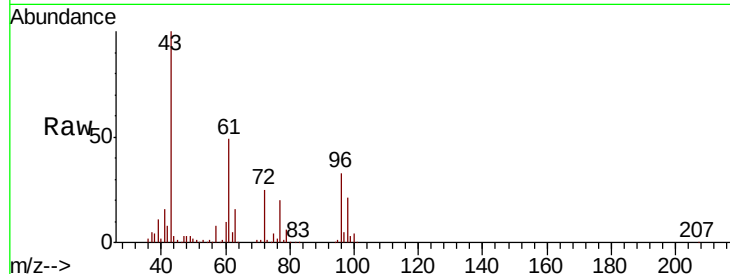




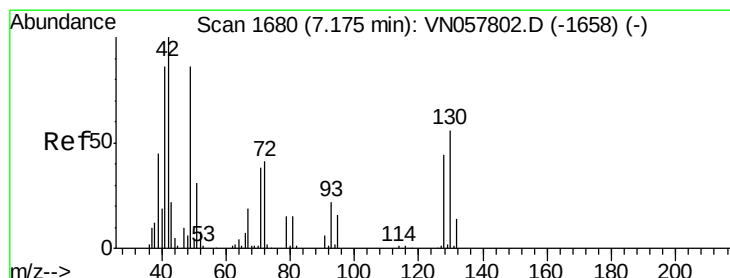
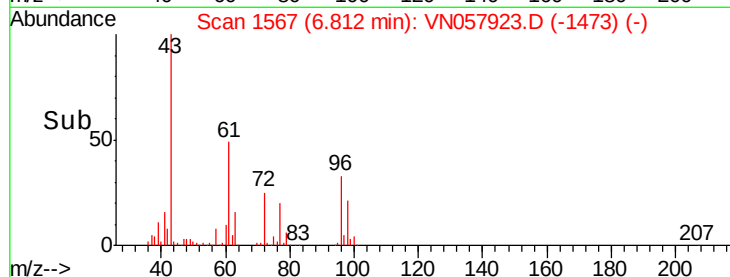
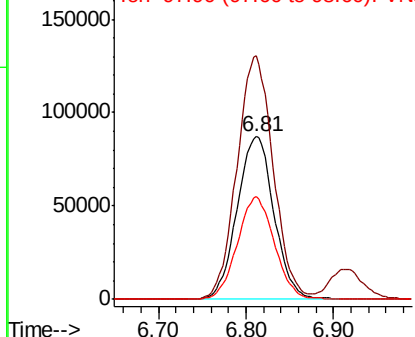
#27
 cis-1,2-Dichloroethene
 Concen: 48.102 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 254568
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 314.0
 98 63.4 0.0 128.6

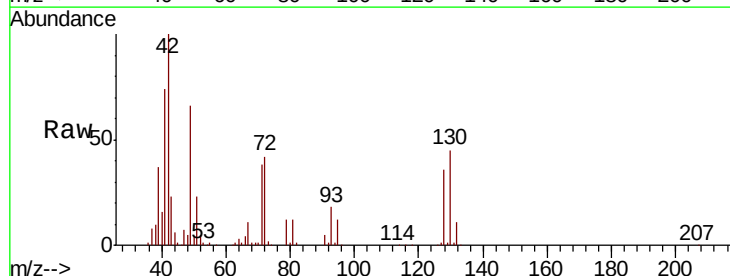


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

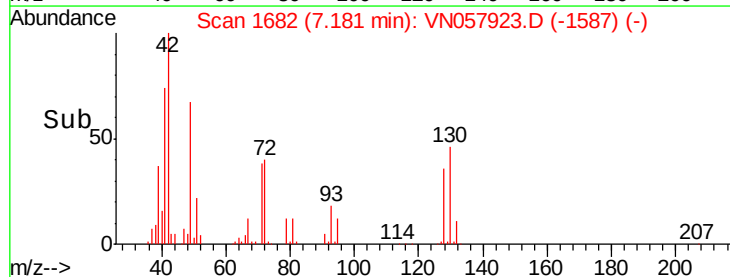
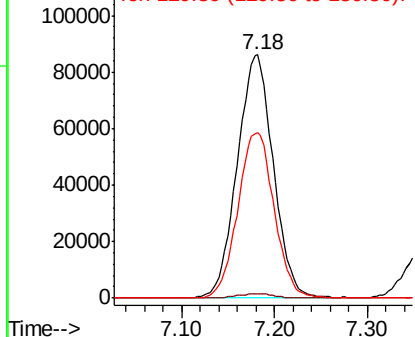


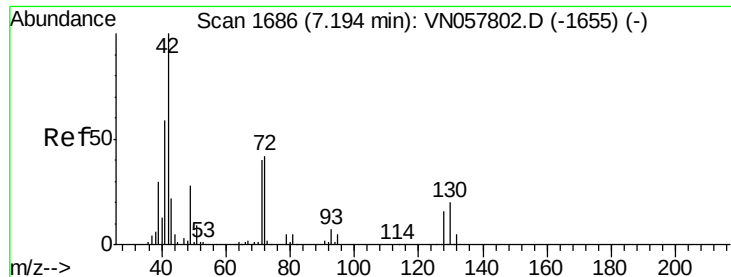
#28
 Bromochloromethane
 Concen: 50.867 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 49 Resp: 232851
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 68.3 53.0 79.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

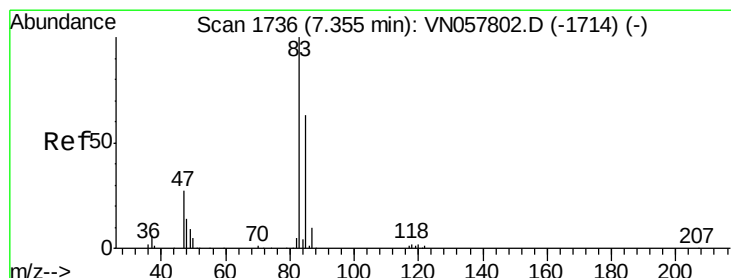
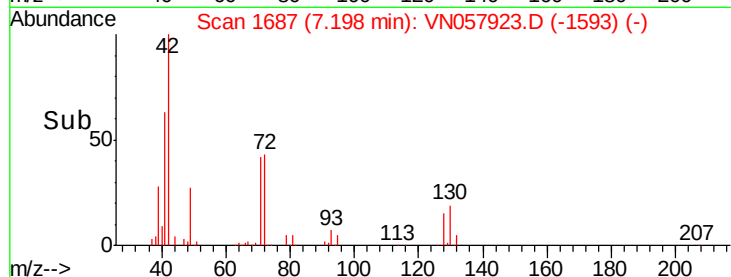
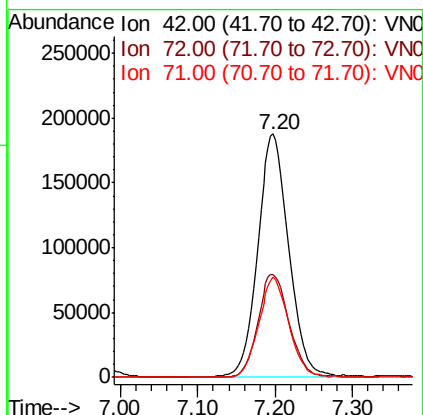
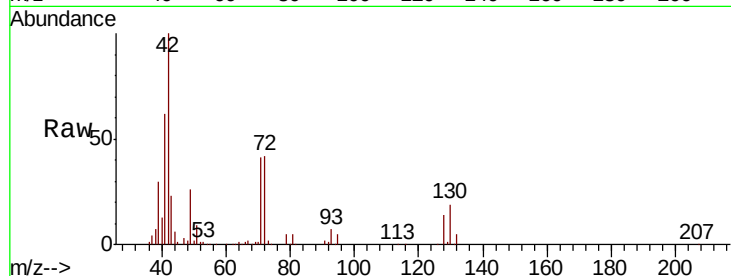




#29
Tetrahydrofuran
Concen: 256.704 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

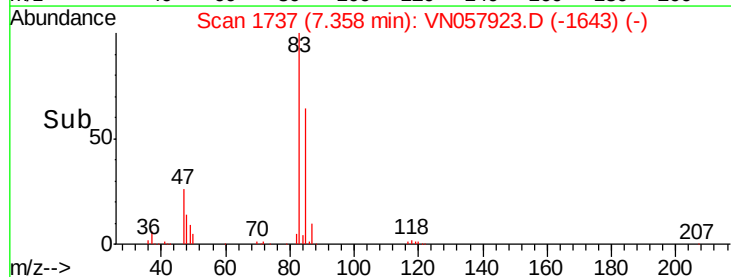
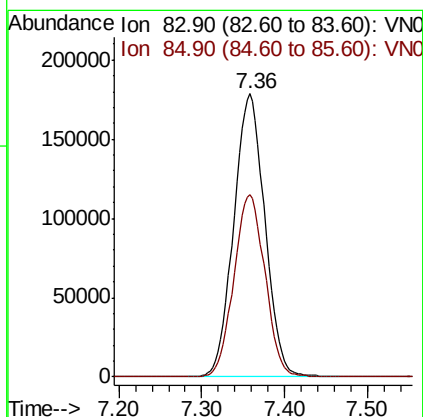
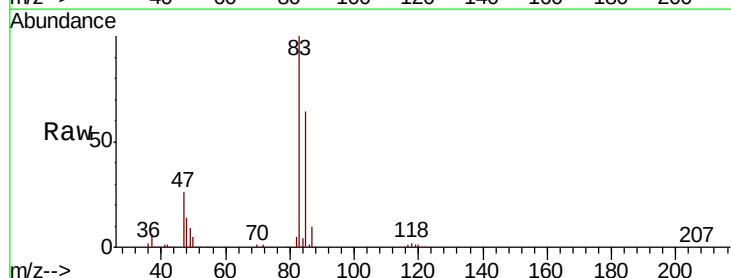
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

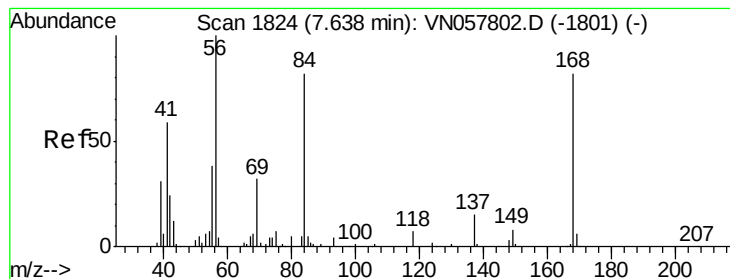
Tgt Ion: 42 Resp: 521514
Ion Ratio Lower Upper
42 100
72 42.9 33.7 50.5
71 39.8 31.9 47.9



#30
Chloroform
Concen: 48.759 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 83 Resp: 467134
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8





#31

Cyclohexane

Concen: 49.626 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

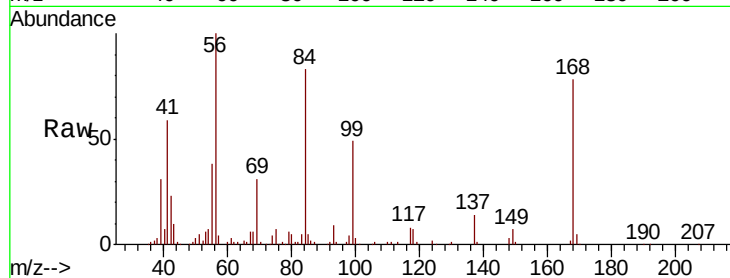
Tgt Ion: 56 Resp: 309972

Ion Ratio Lower Upper

56 100

69 30.8 25.9 38.9

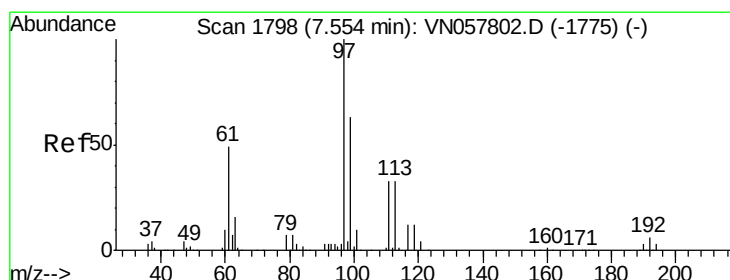
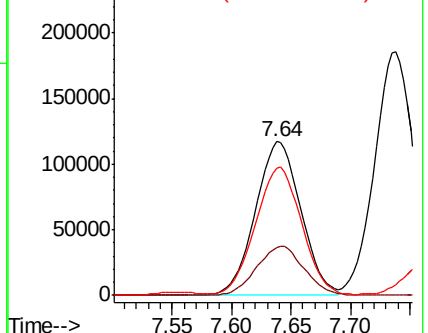
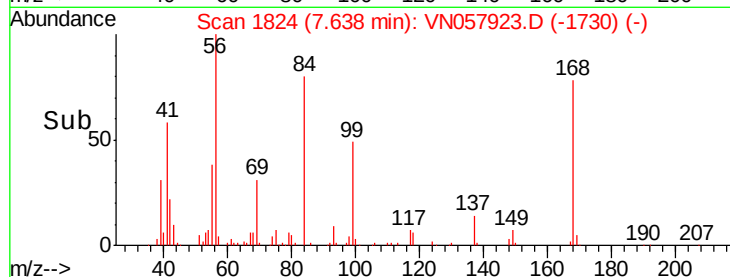
84 80.9 65.6 98.4



Abundance Ion 56.00 (55.70 to 56.70): VN057923.D (-1730) (-)

Ion 69.00 (68.70 to 69.70): VN057923.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN057923.D (-1730) (-)



#32

1,1,1-Trichloroethane

Concen: 48.240 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

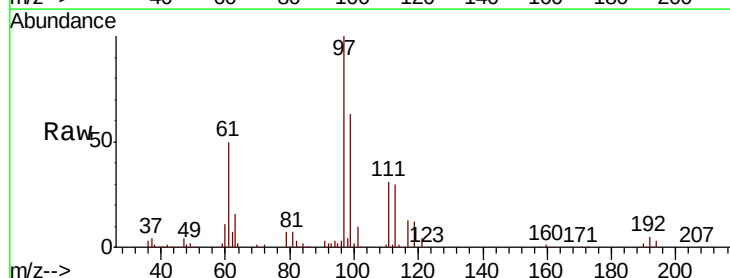
Tgt Ion: 97 Resp: 366539

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

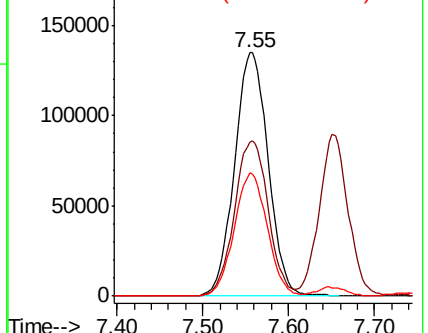
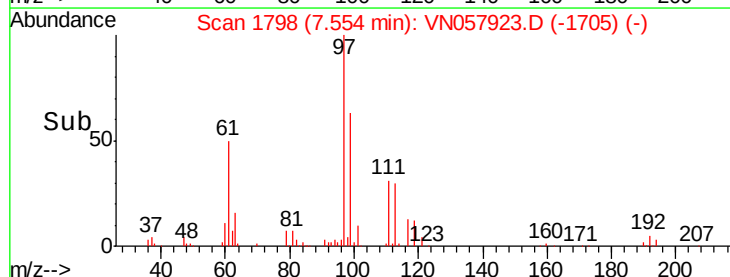
61 49.9 39.0 58.6

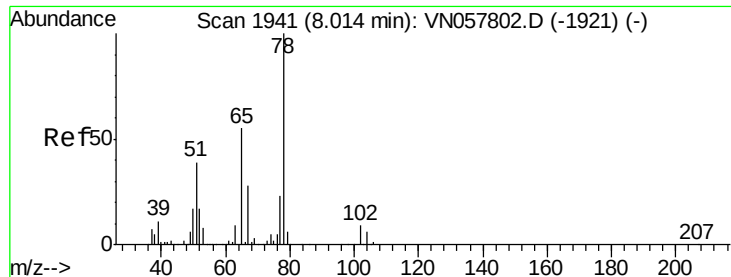


Abundance Ion 96.90 (96.60 to 97.60): VN057923.D (-1705) (-)

Ion 98.90 (98.60 to 99.60): VN057923.D (-1705) (-)

Ion 60.90 (60.60 to 61.60): VN057923.D (-1705) (-)

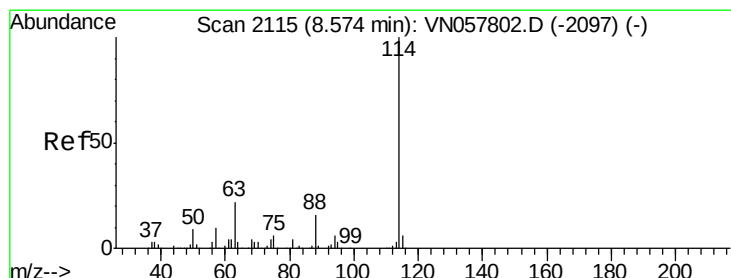
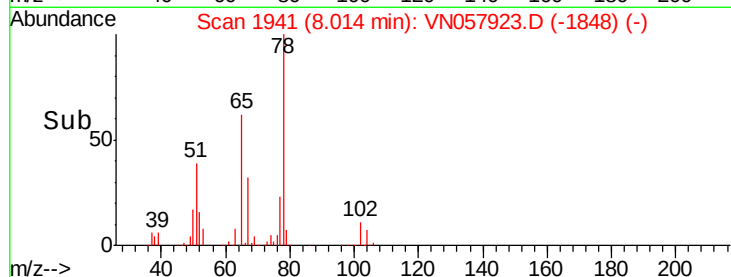
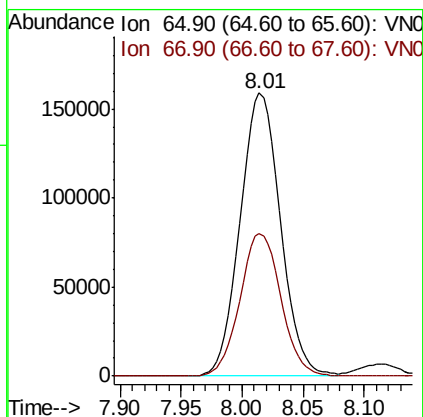
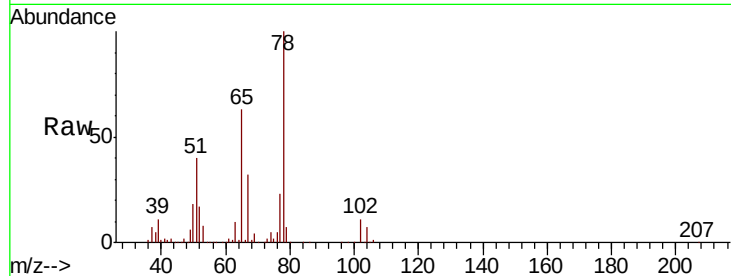




#33
 1,2-Dichloroethane-d4
 Concen: 52.338 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

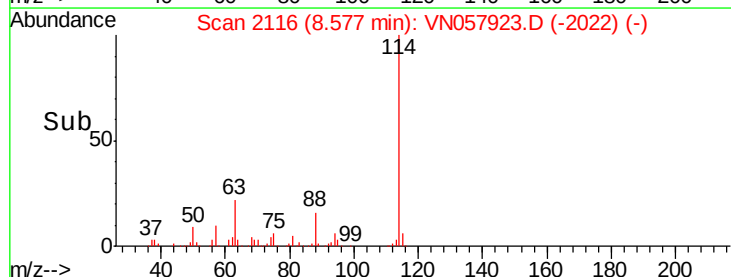
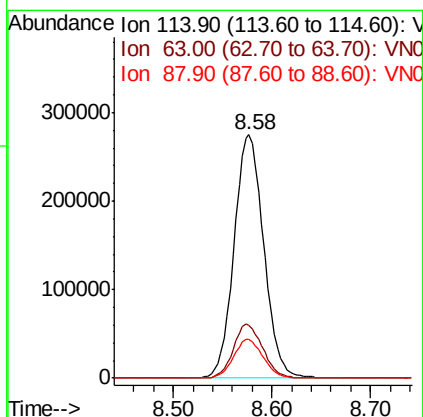
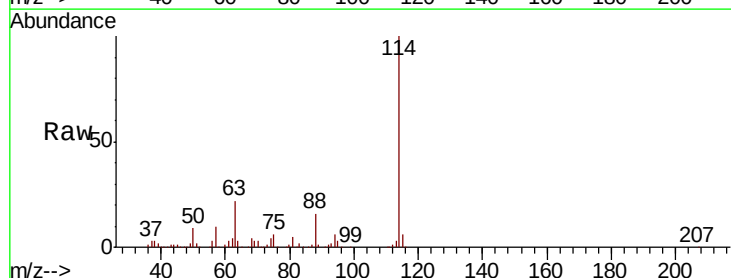
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

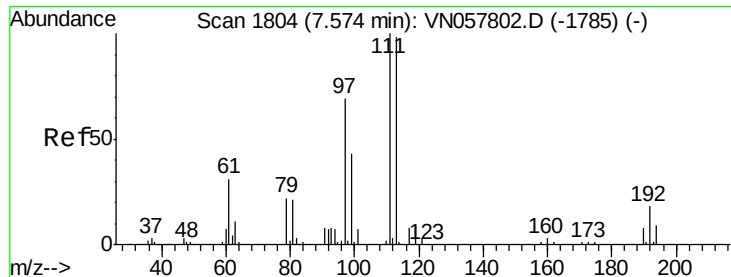
Tgt Ion: 65 Resp: 363681
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 114 Resp: 573871
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 16.1 0.0 31.4

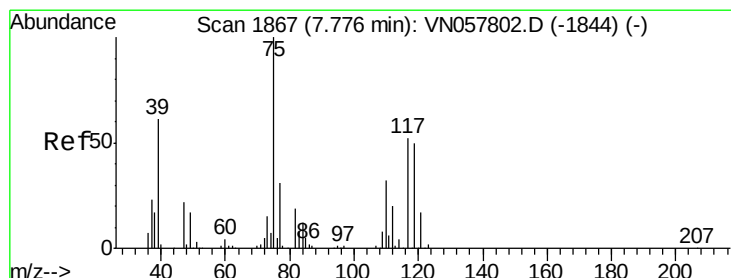
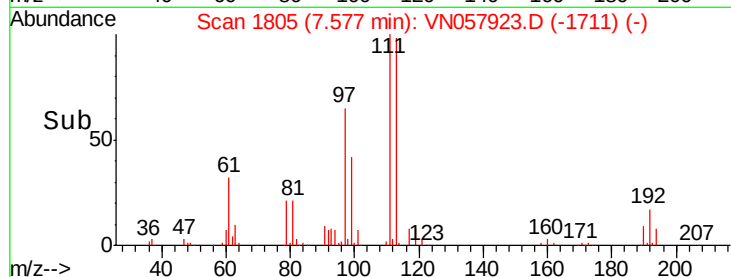
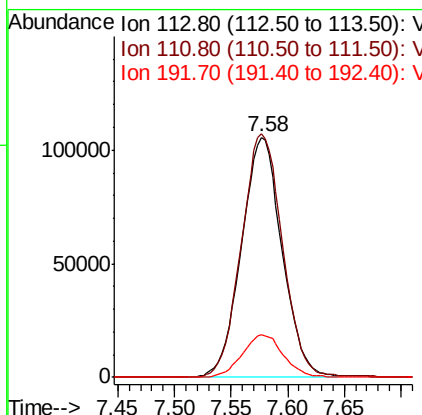
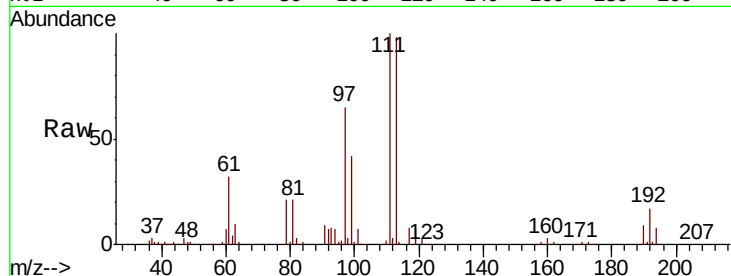




#35
 Dibromofluoromethane
 Concen: 49.600 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

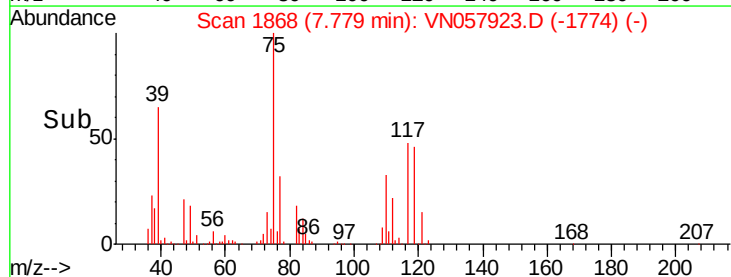
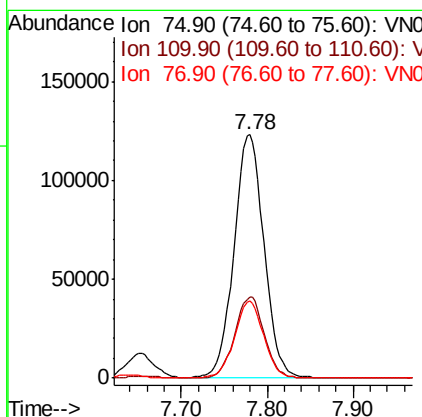
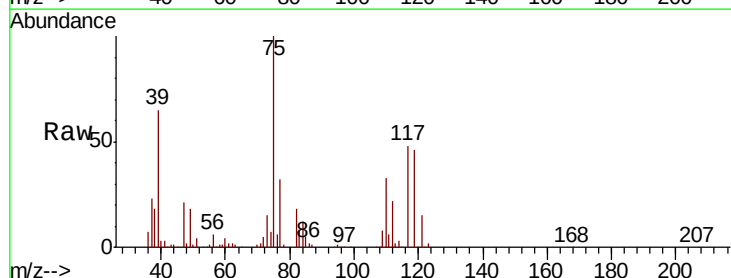
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

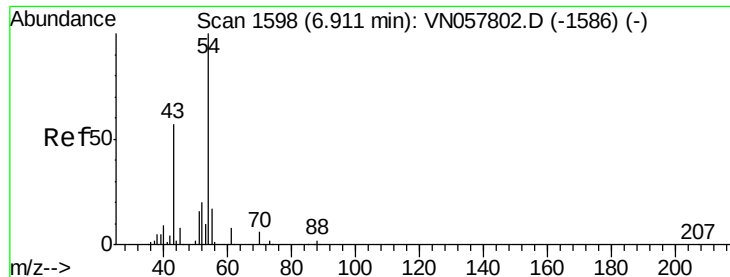
Tgt Ion: 113 Resp: 262710
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.3 121.9
 192 18.1 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 44.682 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 75 Resp: 297373
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.3 48.9
 77 31.1 25.0 37.4

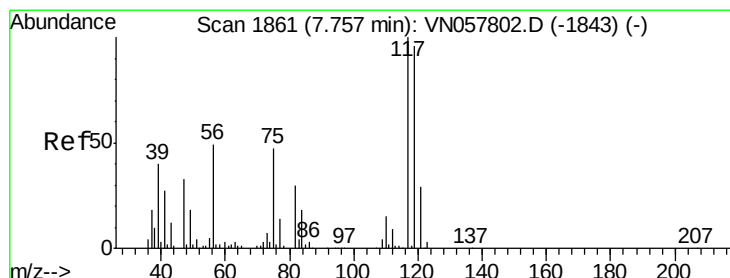
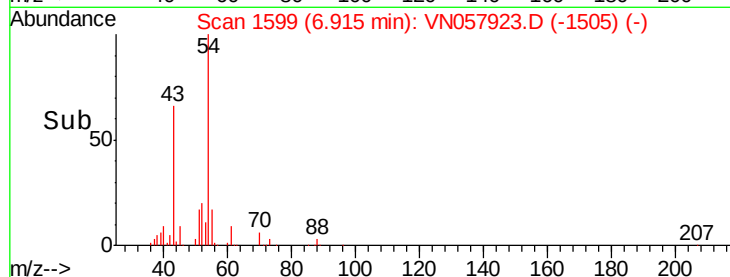
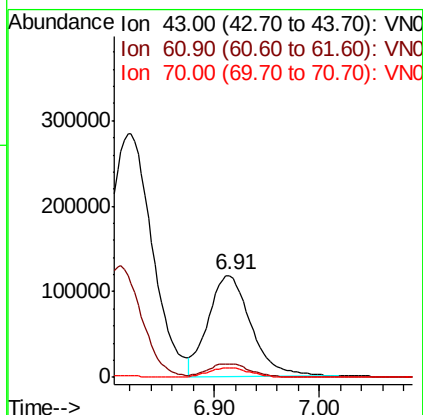
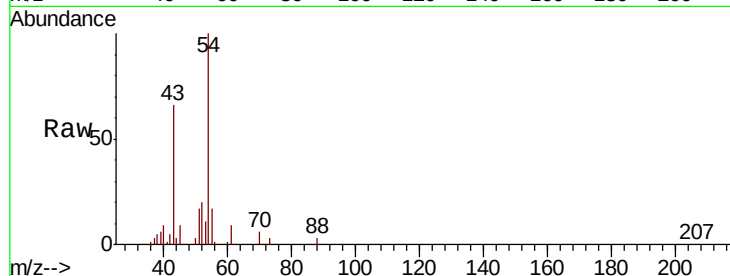




#37
 Ethyl Acetate
 Concen: 48.445 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

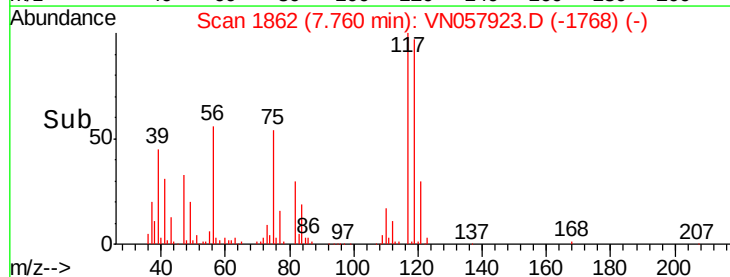
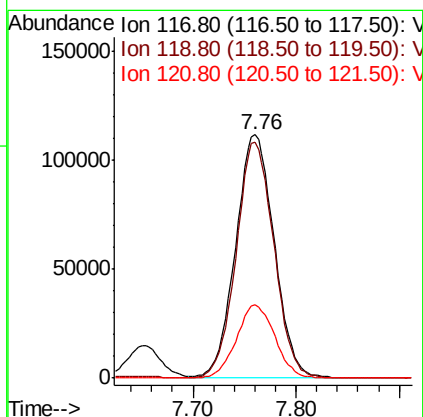
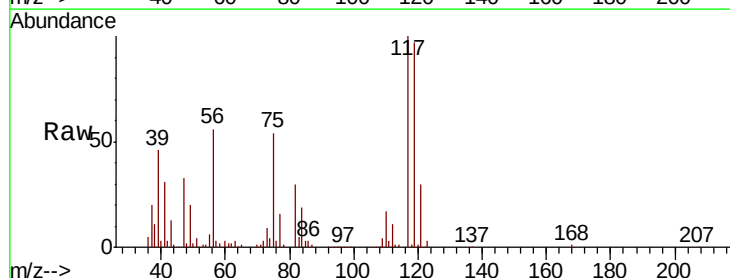
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

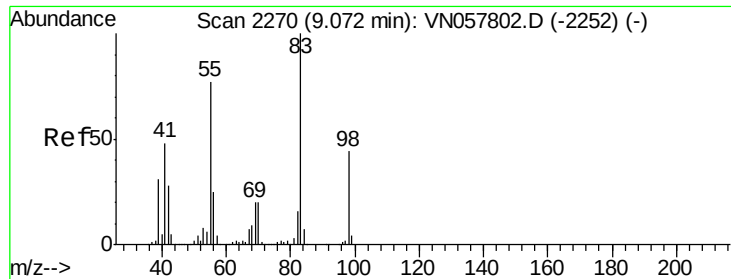
Tgt Ion: 43 Resp: 333123
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.5 15.7
 70 9.2 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 47.676 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 117 Resp: 289696
 Ion Ratio Lower Upper
 117 100
 119 97.1 76.9 115.3
 121 30.1 23.4 35.2

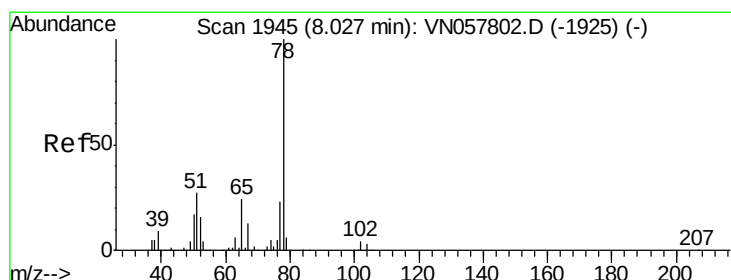
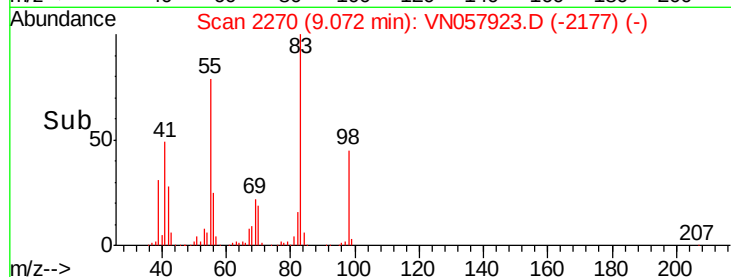
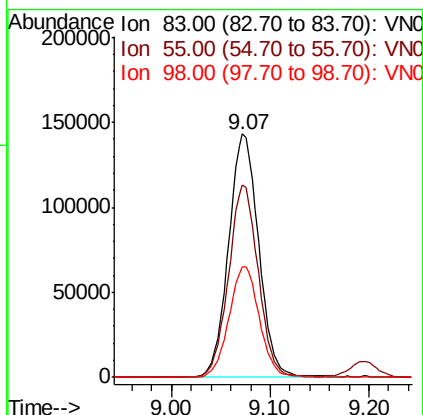
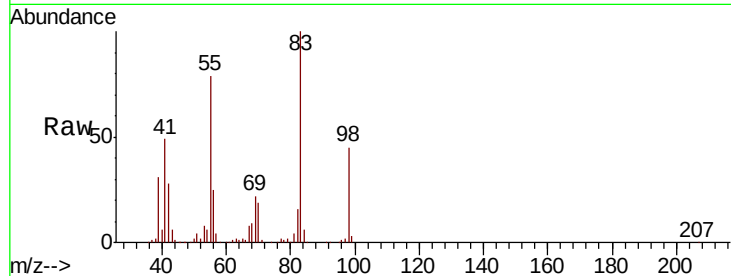




#39
Methylcyclohexane
Concen: 43.625 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

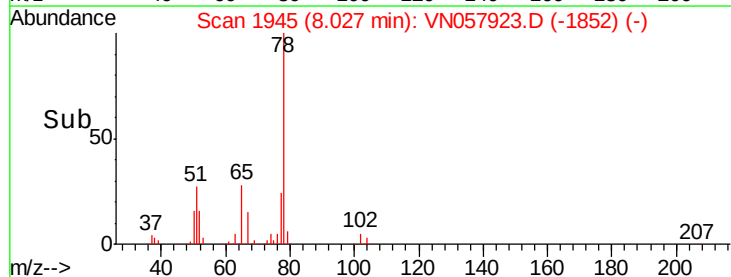
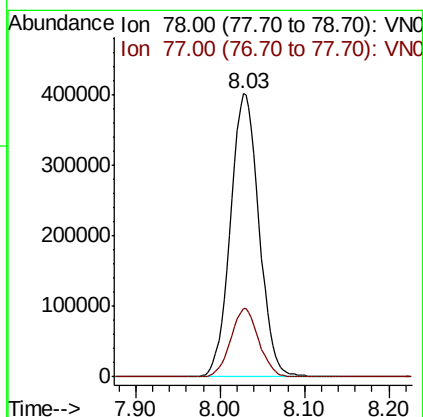
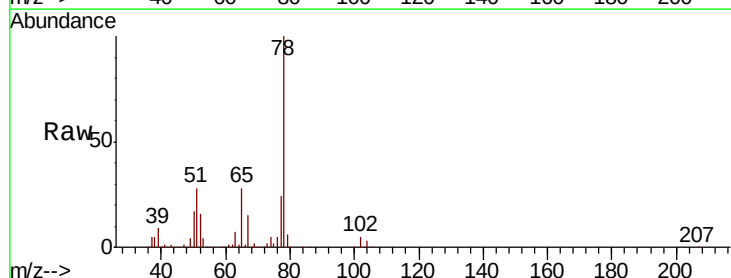
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

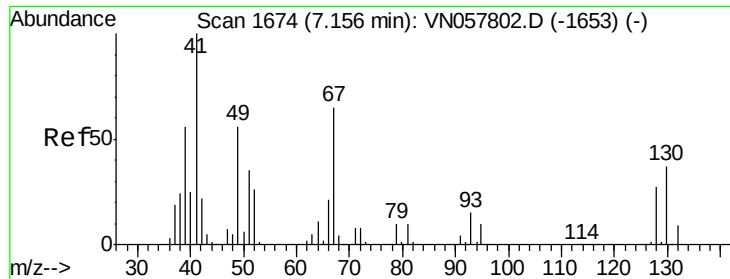
Tgt Ion: 83 Resp: 305218
Ion Ratio Lower Upper
83 100
55 79.1 61.6 92.4
98 45.2 34.9 52.3



#40
Benzene
Concen: 47.371 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 78 Resp: 949168
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5

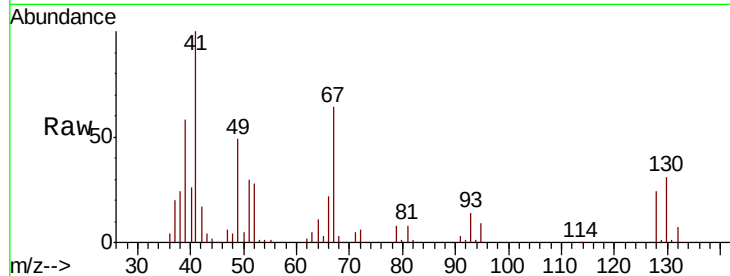




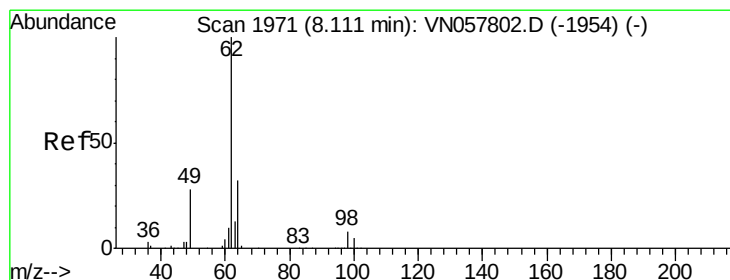
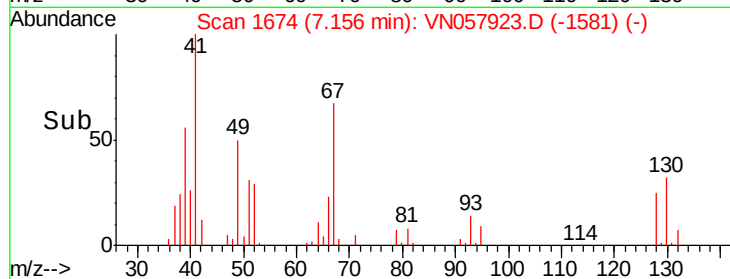
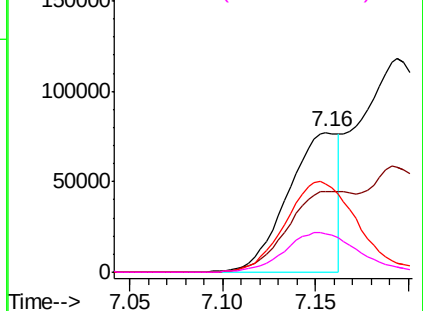
#41
Methacrylonitrile
Concen: 46.713 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	145807
Ion	Ratio	Lower	Upper
41	100		
39	75.3	51.0	76.6
67	93.5	70.7	106.1
52	41.2	30.8	46.2

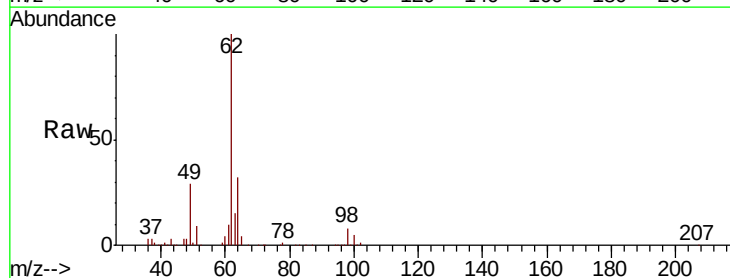


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

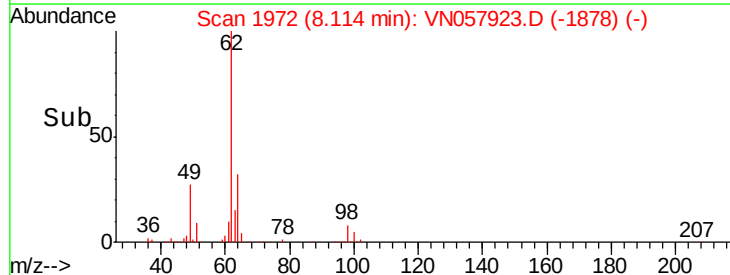
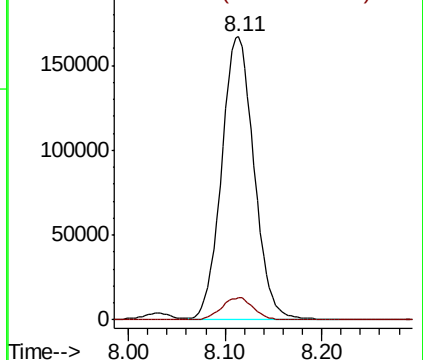


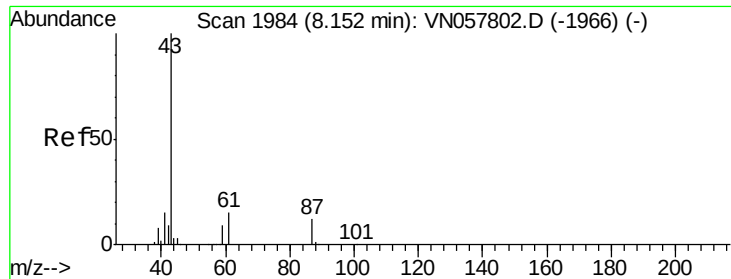
#42
1,2-Dichloroethane
Concen: 48.377 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion:	62	Resp:	387669
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8



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

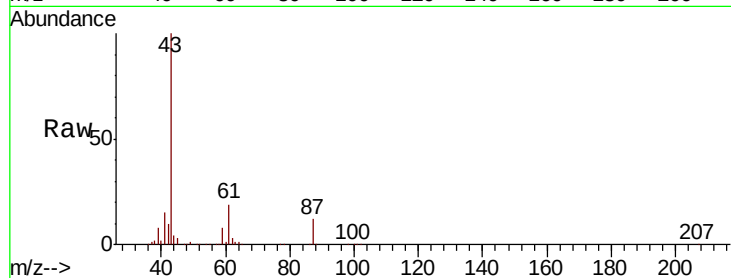




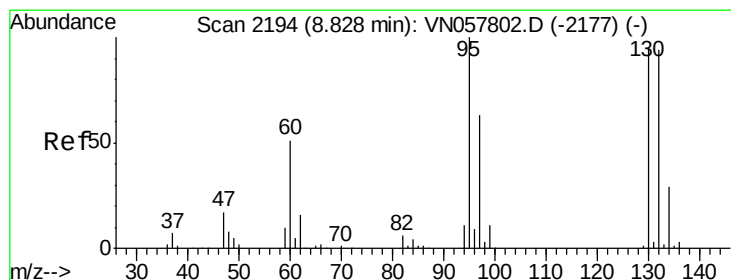
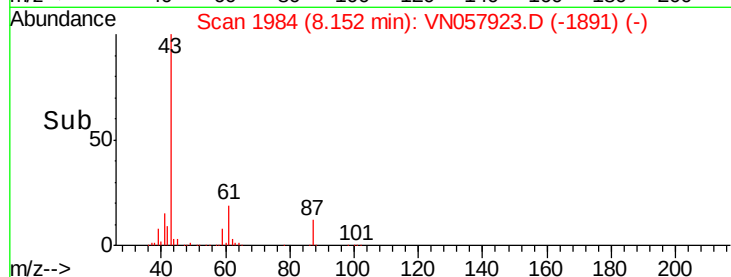
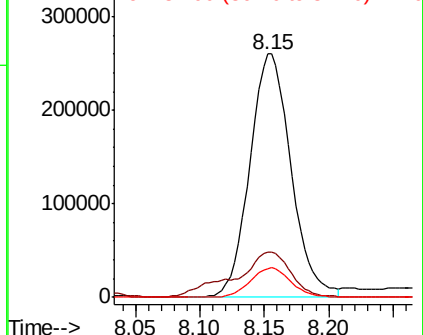
#43
Isopropyl Acetate
Concen: 50.067 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 578958
Ion Ratio Lower Upper
43 100
61 25.1 20.1 30.1
87 12.1 9.5 14.3

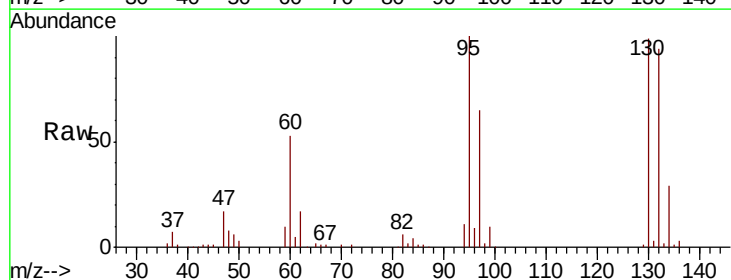


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

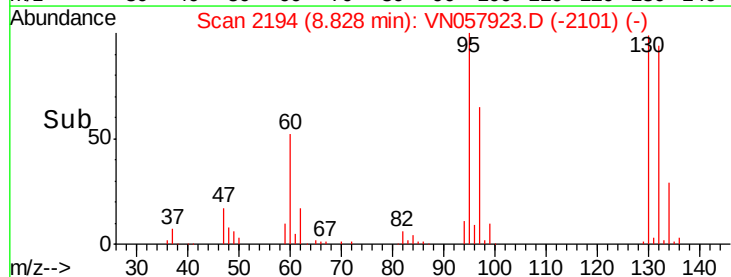
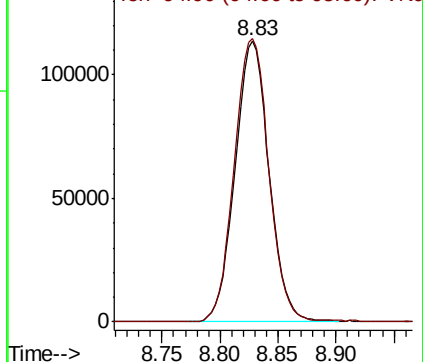


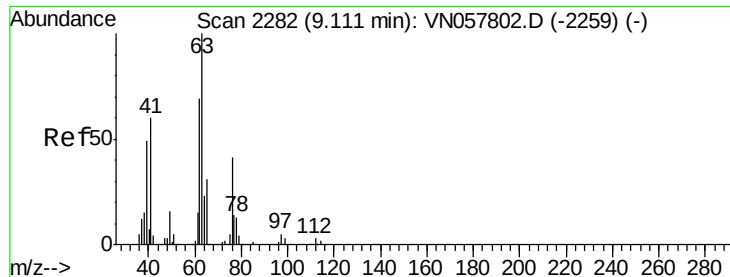
#44
Trichloroethene
Concen: 47.160 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 130 Resp: 231769
Ion Ratio Lower Upper
130 100
95 100.6 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

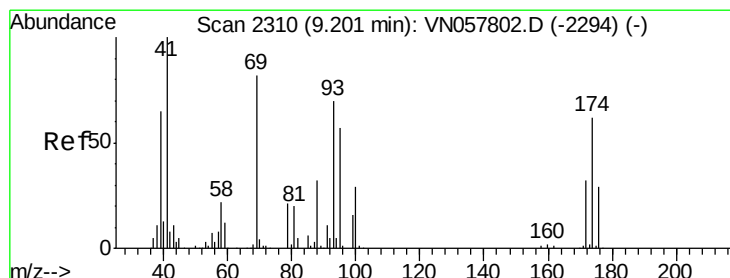
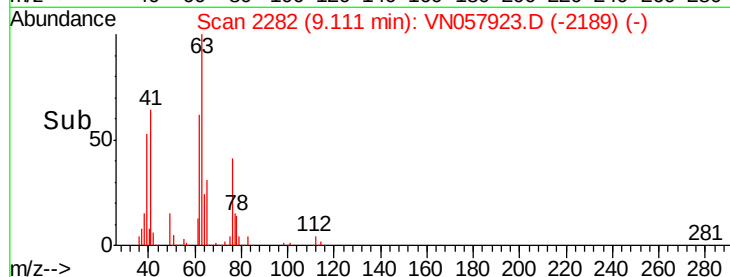
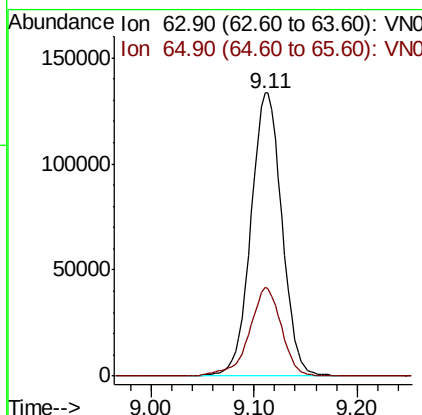
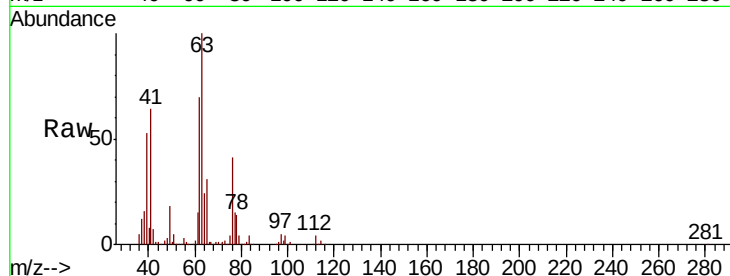




#45
 1,2-Dichloropropane
 Concen: 47.662 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

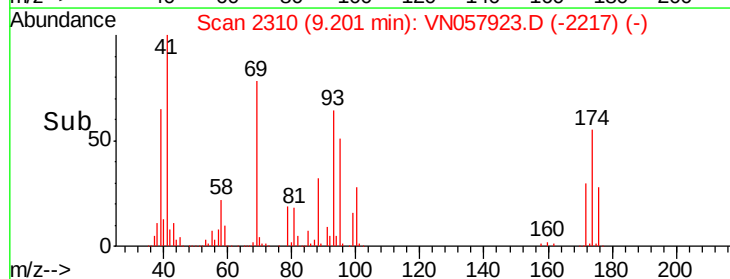
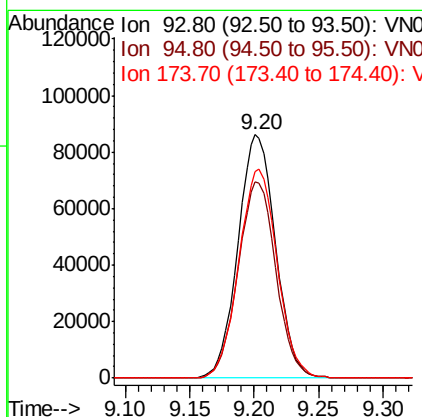
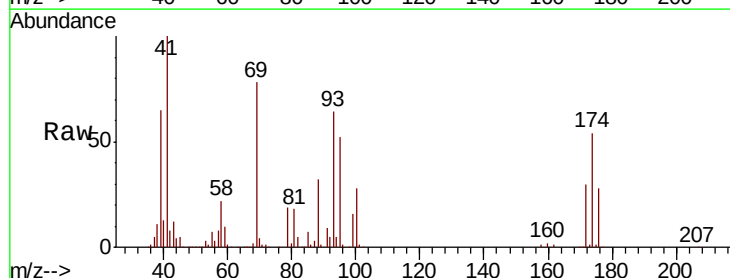
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

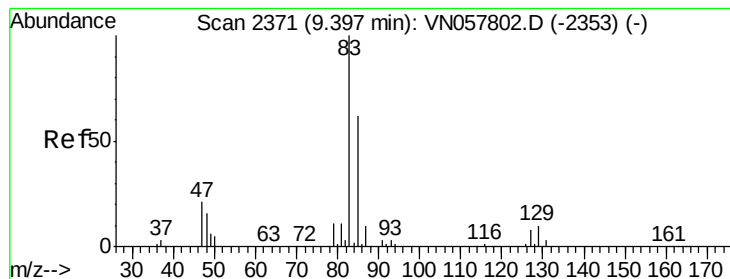
Tgt Ion: 63 Resp: 277892
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 49.548 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 93 Resp: 174571
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.9 98.9
 174 87.8 71.8 107.6





#47

Bromodichloromethane

Concen: 49.205 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

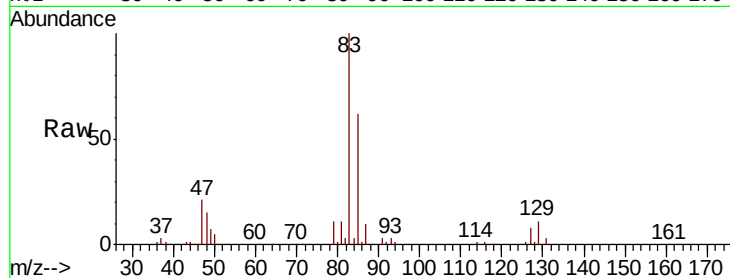
Tgt Ion: 83 Resp: 346186

Ion Ratio Lower Upper

83 100

85 62.0 49.9 74.9

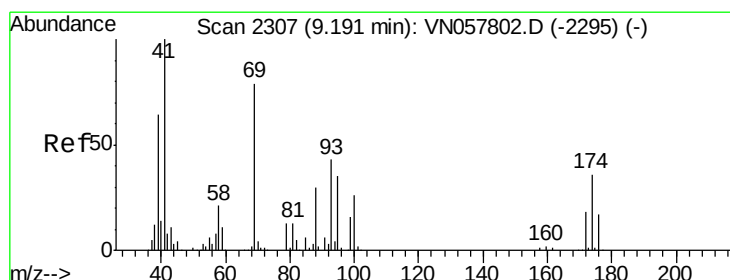
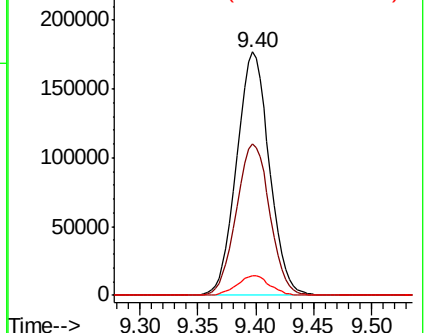
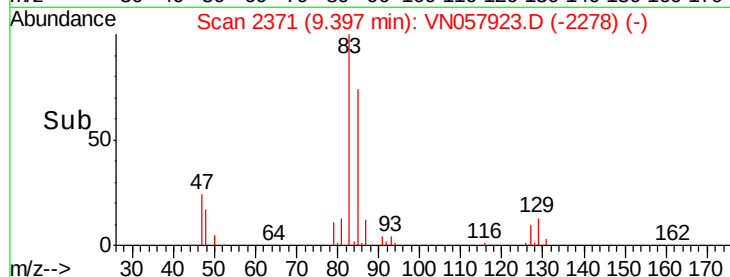
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN057923.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057923.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057923.D (-2278) (-)



#48

Methyl methacrylate

Concen: 49.435 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

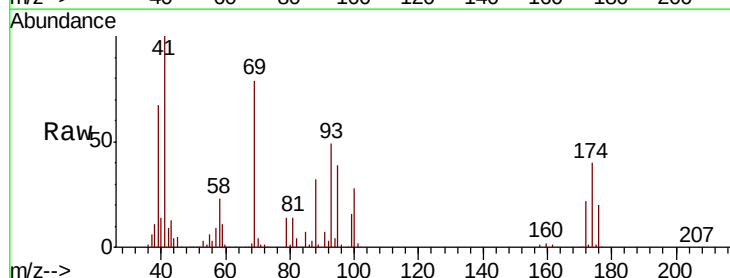
Tgt Ion: 41 Resp: 289976

Ion Ratio Lower Upper

41 100

69 79.7 62.7 94.1

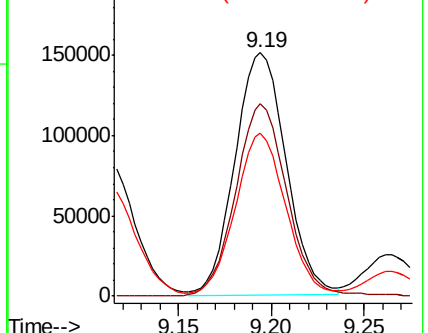
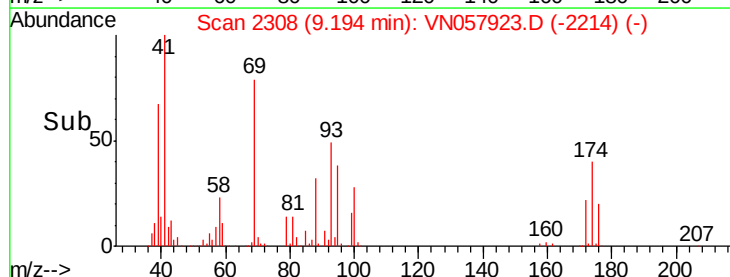
39 66.2 52.7 79.1

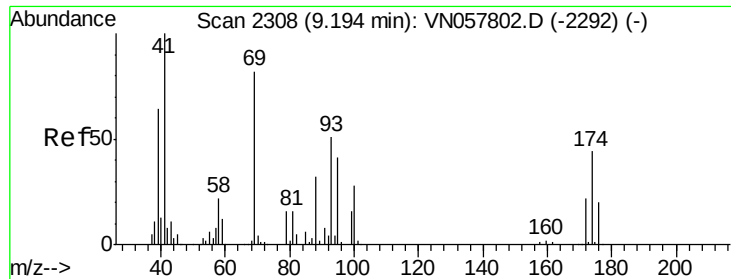


Abundance Ion 41.00 (40.70 to 41.70): VN057923.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057923.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057923.D (-2214) (-)

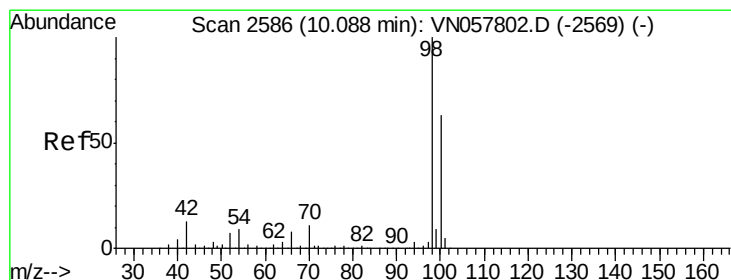
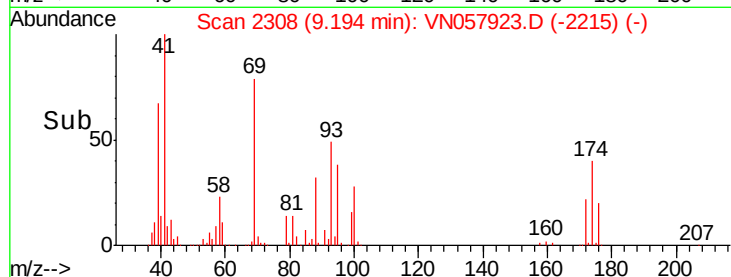
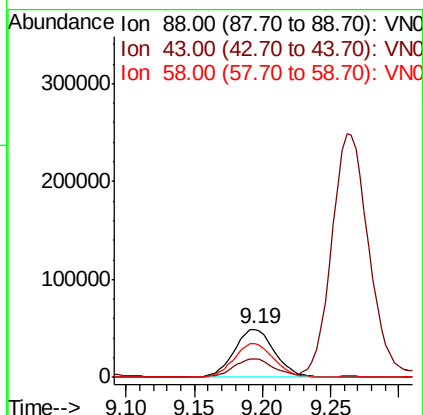
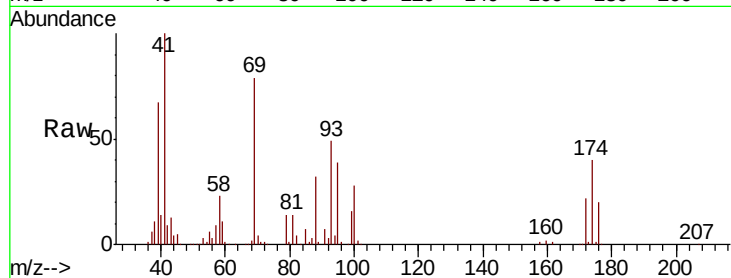




#49
1,4-Dioxane
Concen: 1024.847 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

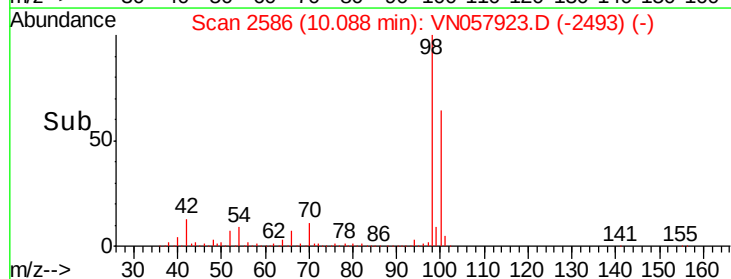
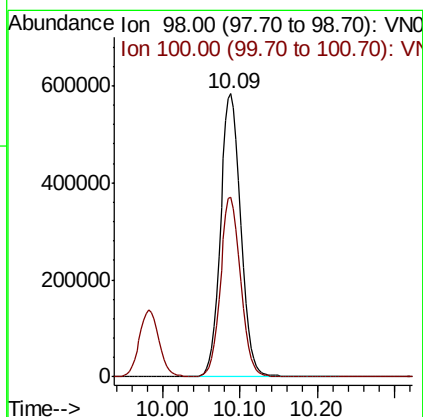
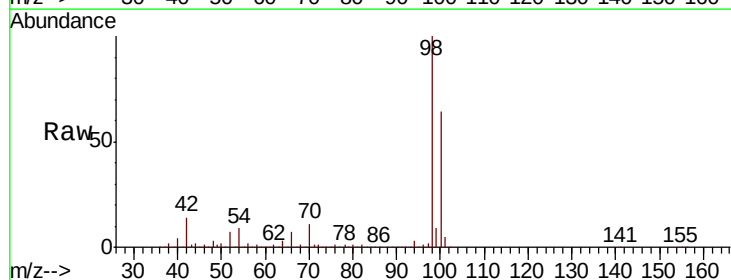
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

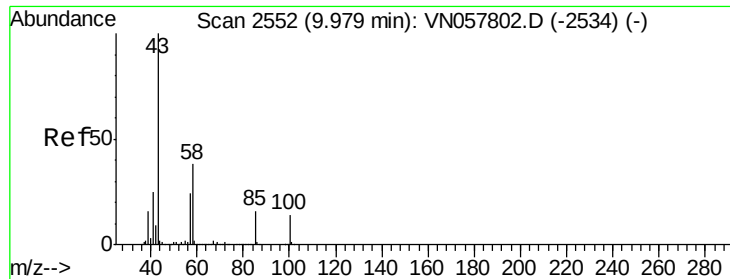
Tgt Ion: 88 Resp: 101661
Ion Ratio Lower Upper
88 100
43 35.4 28.5 42.7
58 69.8 55.8 83.6



#50
Toluene-d8
Concen: 52.070 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 98 Resp: 1070782
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 268.463 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

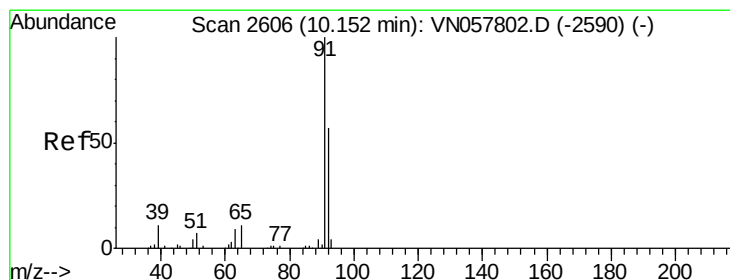
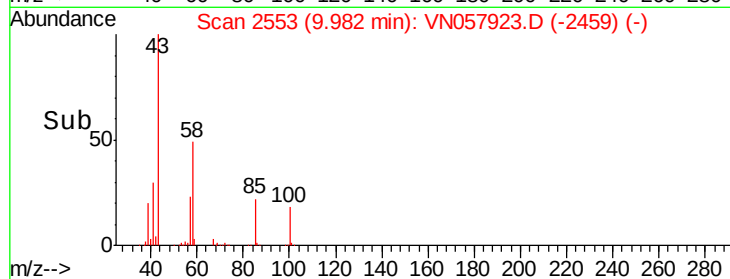
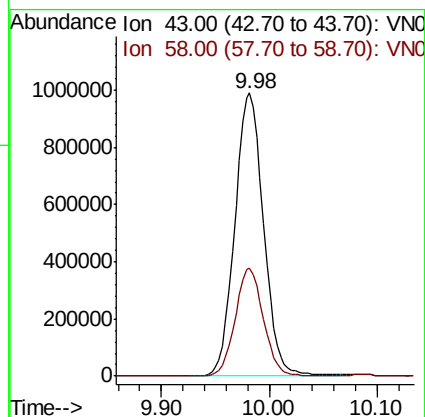
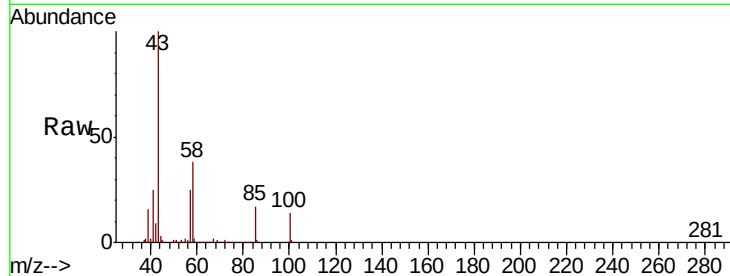
VSTDCCC050EC

Tgt Ion: 43 Resp: 1837093

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.6



#52

Toluene

Concen: 47.495 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057923.D

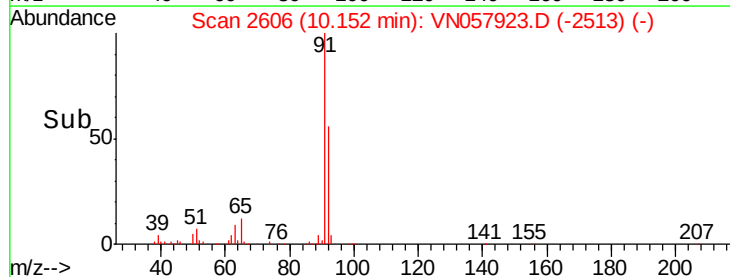
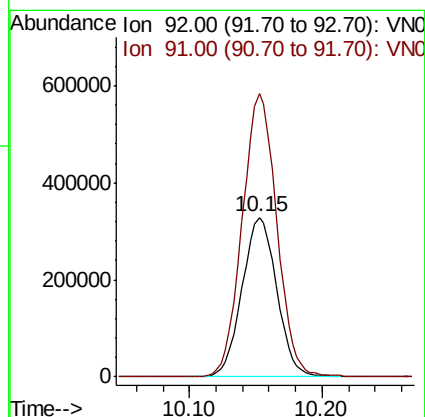
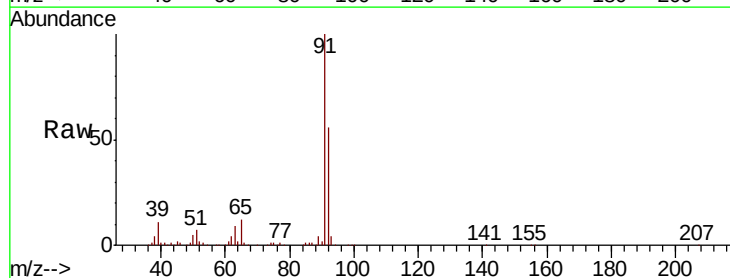
Acq: 11 Sep 2019 14:18

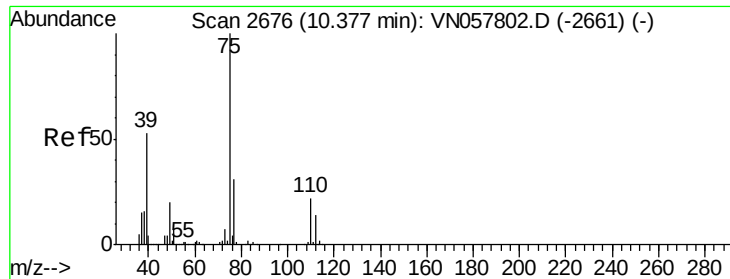
Tgt Ion: 92 Resp: 599389

Ion Ratio Lower Upper

92 100

91 176.8 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 45.031 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

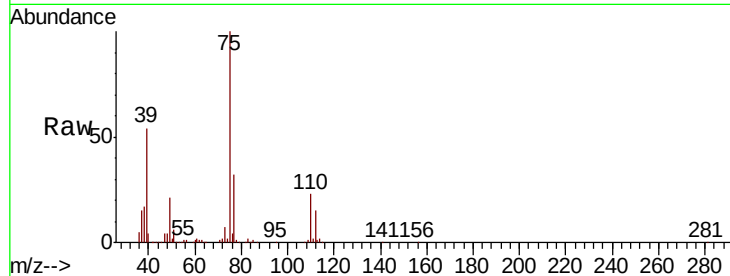
VSTDCCC050EC

Tgt Ion: 75 Resp: 333628

Ion Ratio Lower Upper

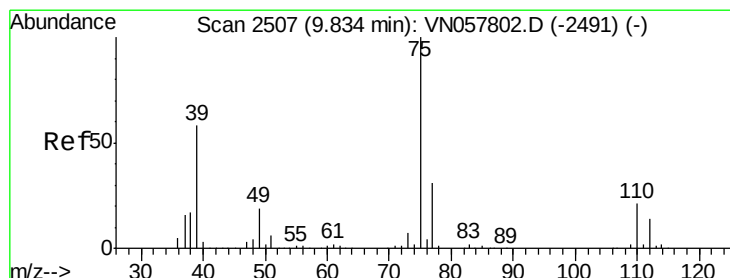
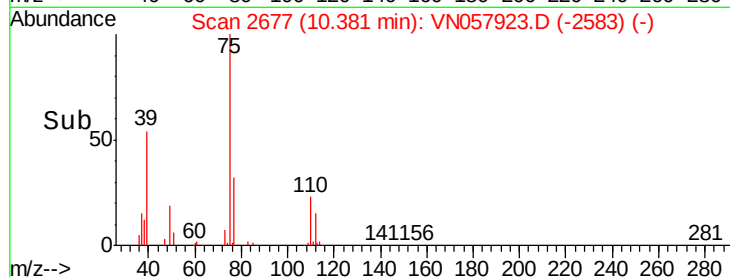
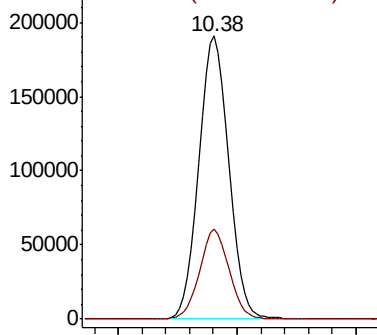
75 100

77 31.6 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: 44.514 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

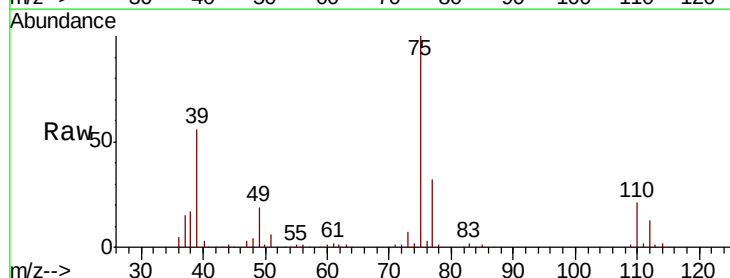
Tgt Ion: 75 Resp: 364119

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

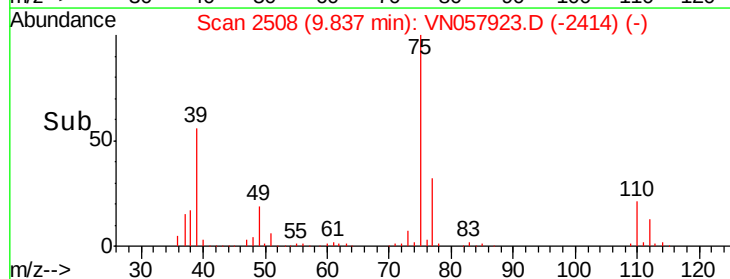
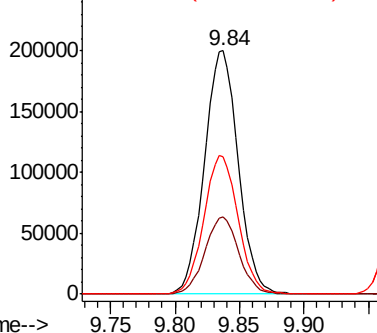
39 56.3 46.2 69.4

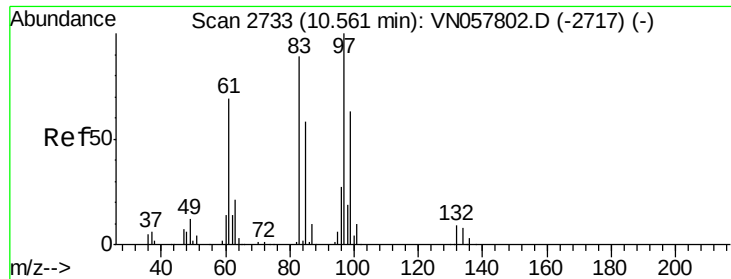


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.852 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 261151

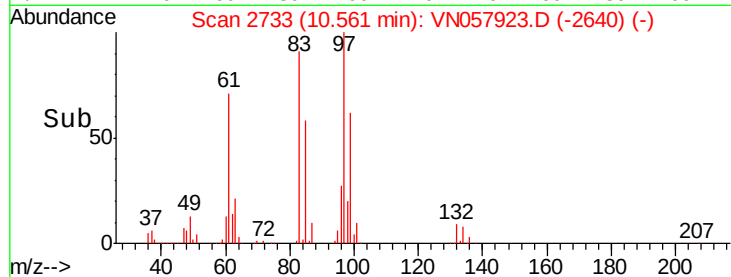
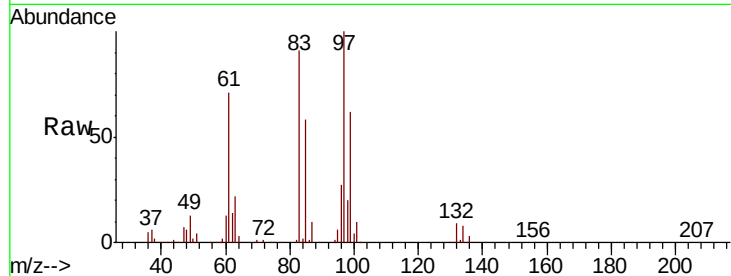
Ion Ratio Lower Upper

97 100

83 91.1 70.8 106.2

85 58.5 46.0 69.0

99 62.0 50.6 76.0

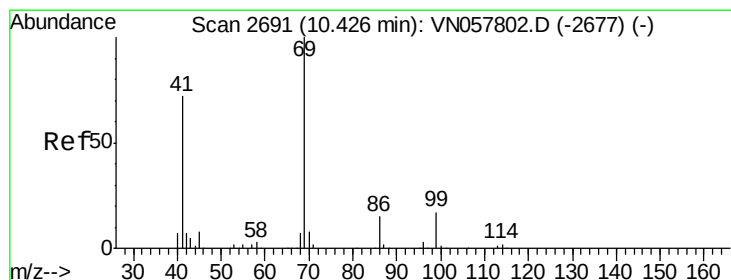
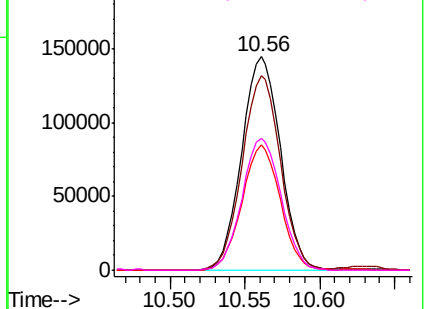


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.605 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

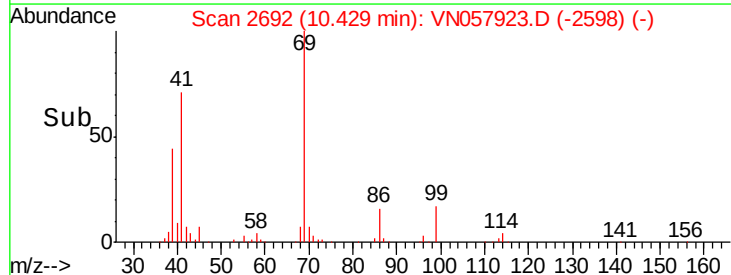
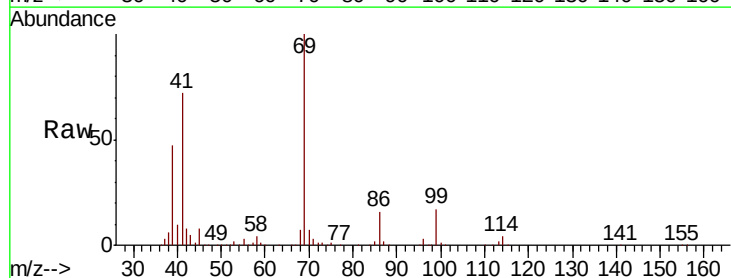
Tgt Ion: 69 Resp: 407374

Ion Ratio Lower Upper

69 100

41 71.3 56.7 85.1

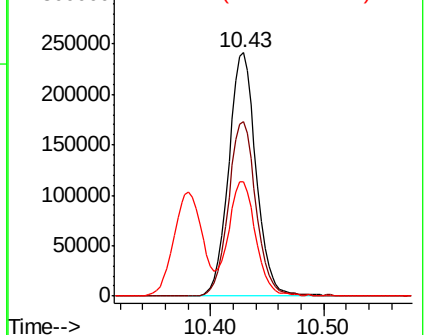
39 47.0 36.3 54.5

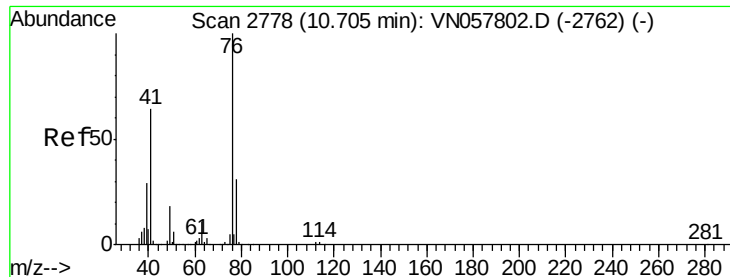


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

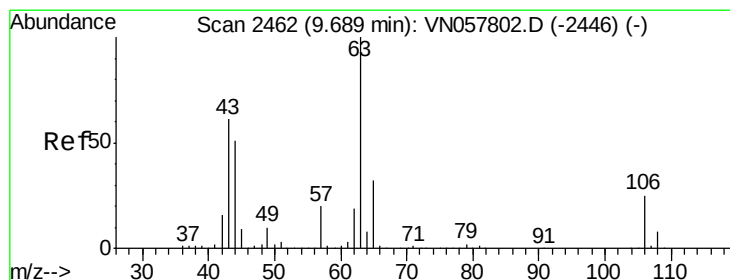
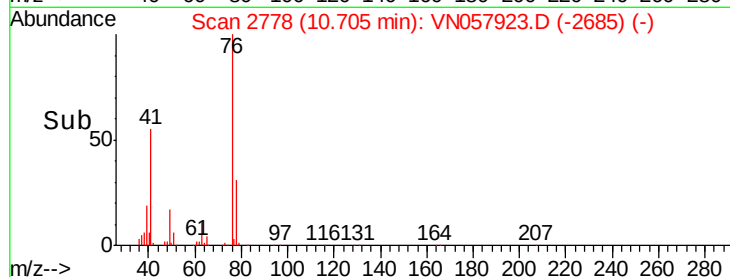
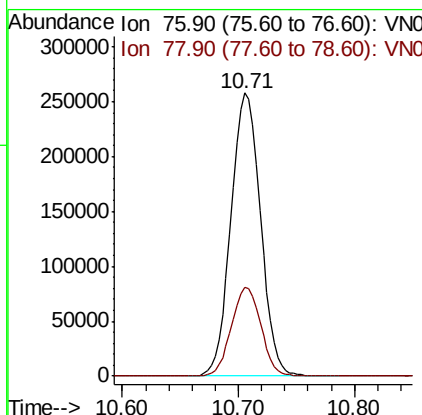
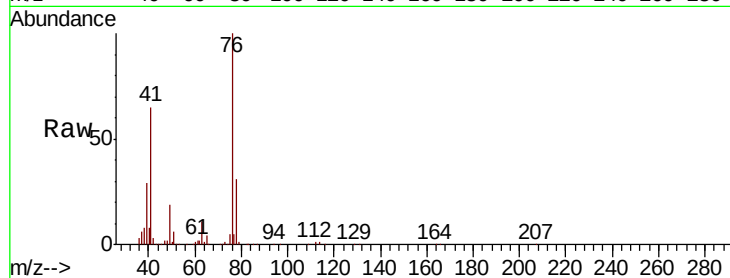




#57
 1,3-Dichloropropane
 Concen: 49.578 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

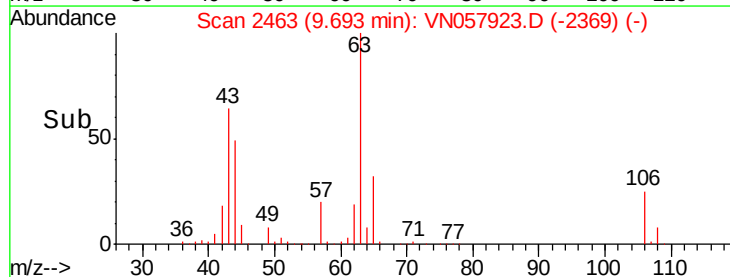
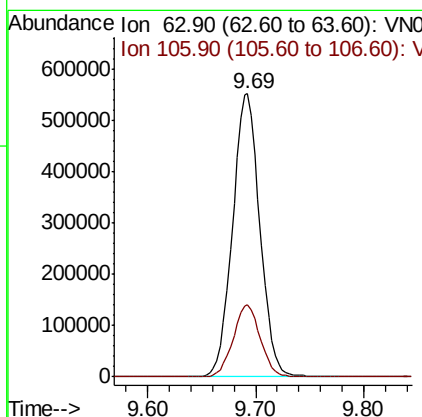
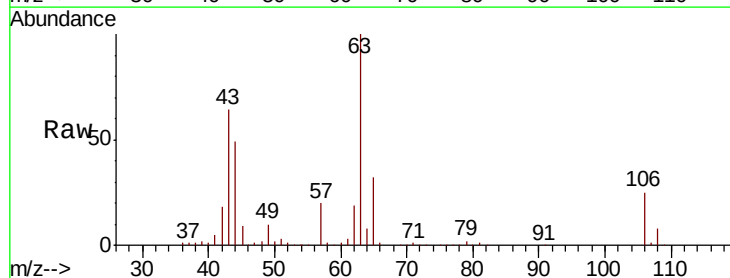
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

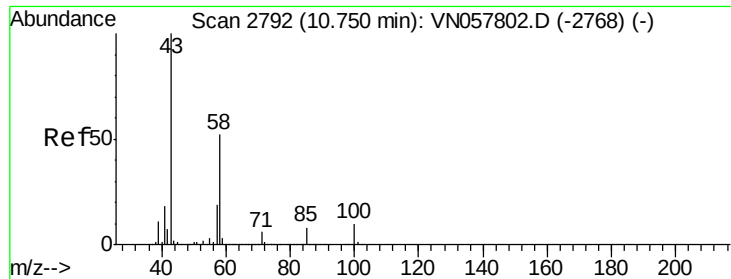
Tgt Ion: 76 Resp: 456742
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.829 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 63 Resp: 973775
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.0 30.0

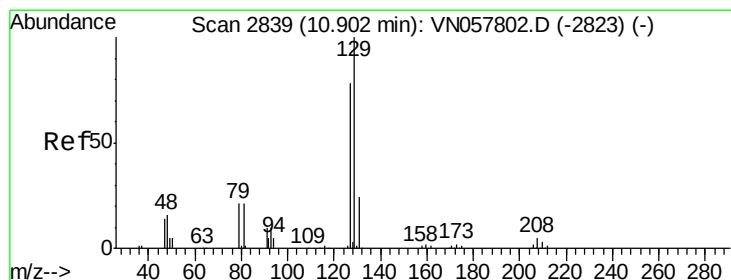
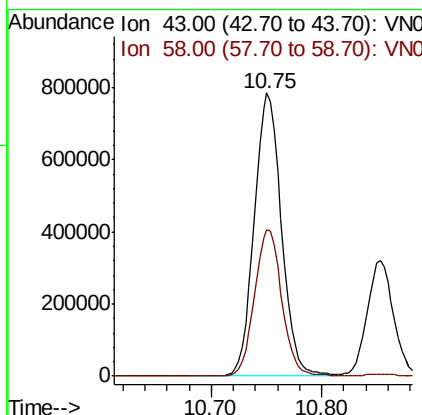
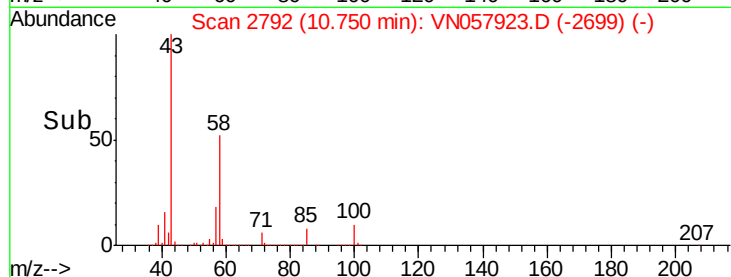
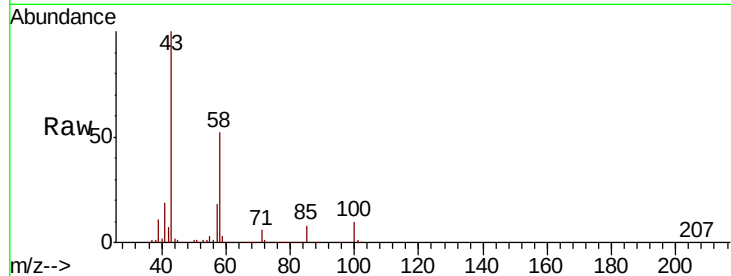




#59
2-Hexanone
Concen: 261.361 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

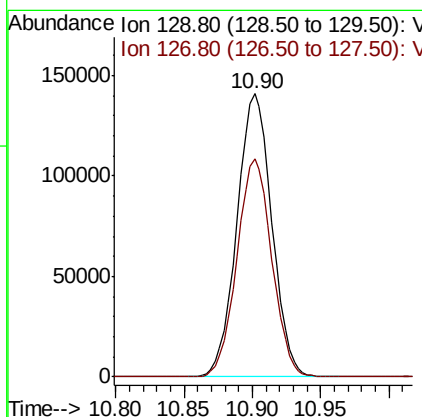
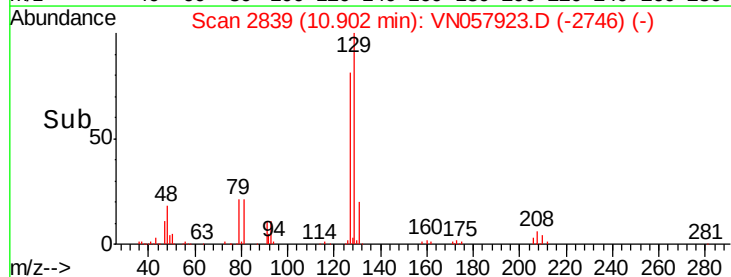
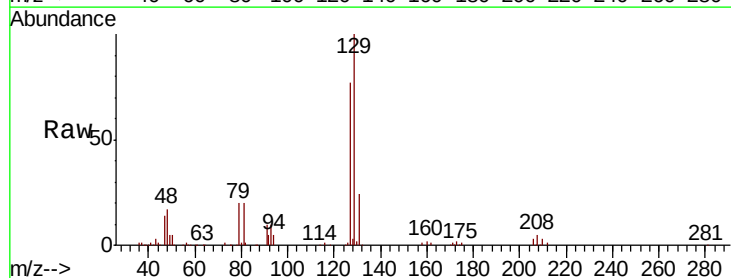
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

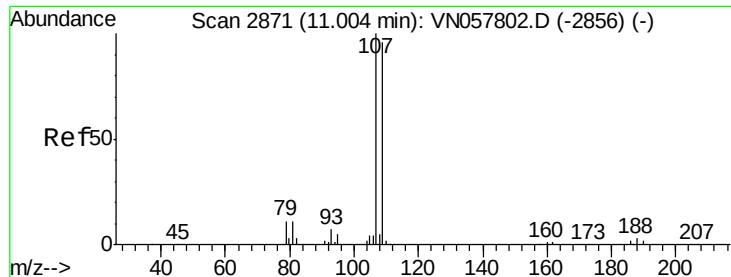
Tgt Ion: 43 Resp: 1340545
Ion Ratio Lower Upper
43 100
58 52.0 25.6 76.8



#60
Dibromochloromethane
Concen: 50.435 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 129 Resp: 250359
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

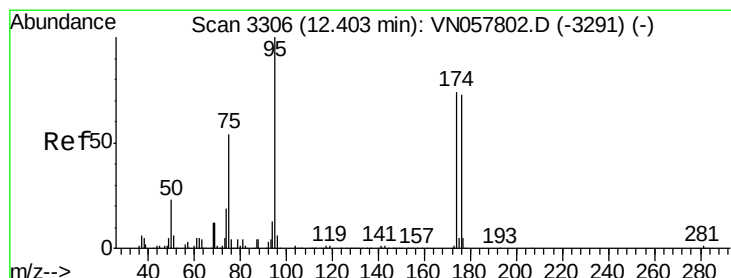
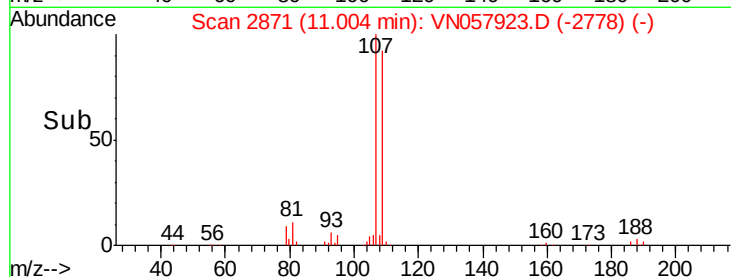
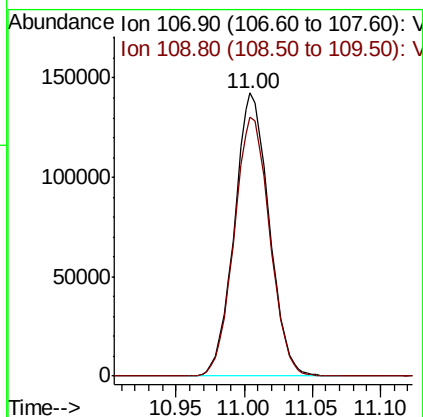
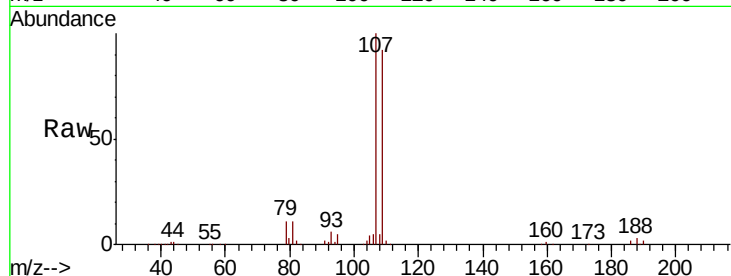




#61
 1,2-Dibromoethane
 Concen: 49.843 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

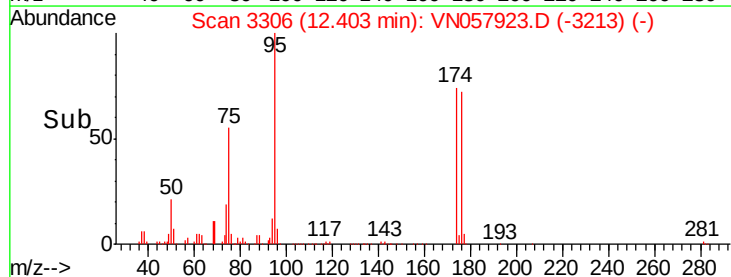
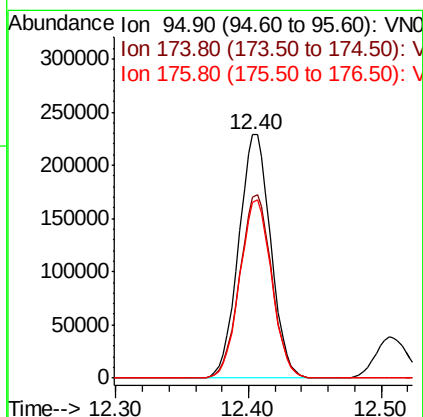
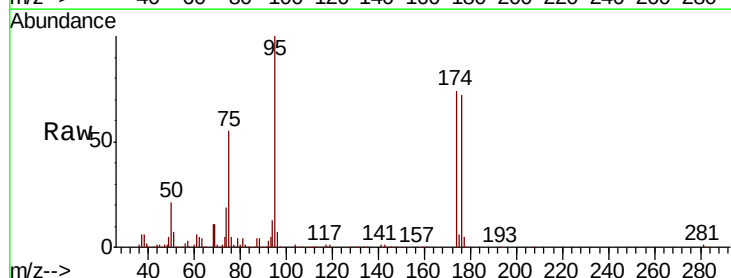
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

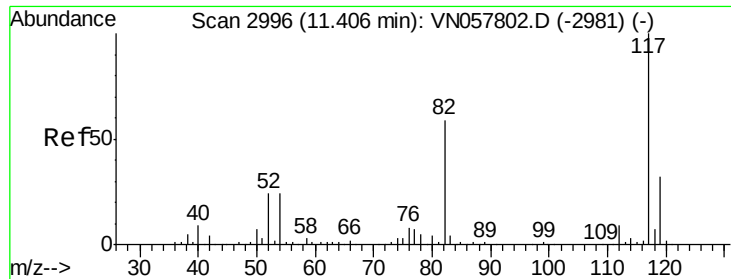
Tgt Ion: 107 Resp: 251901
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 49.069 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 95 Resp: 384546
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.2
 176 73.0 0.0 146.0

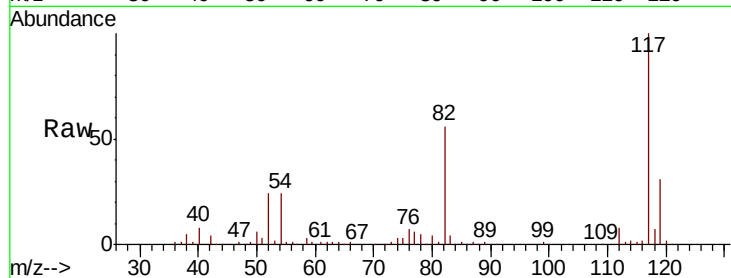




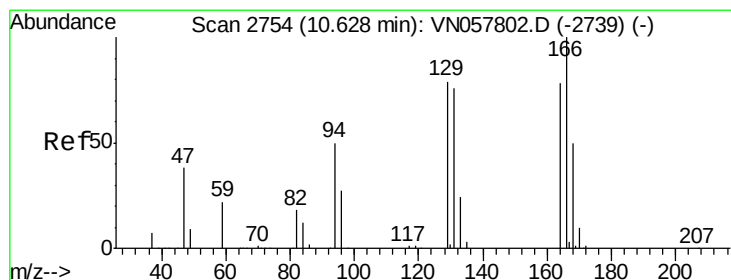
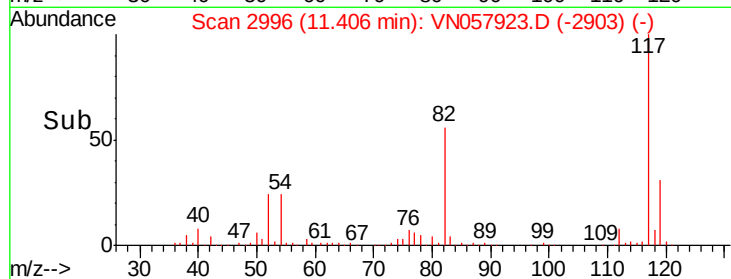
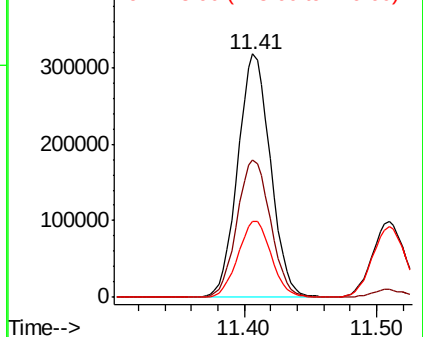
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 543259
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 31.2 25.3 37.9

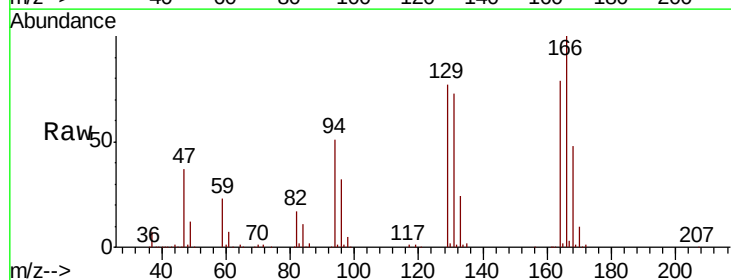


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

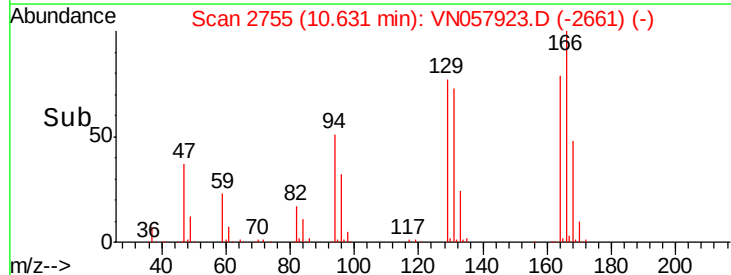
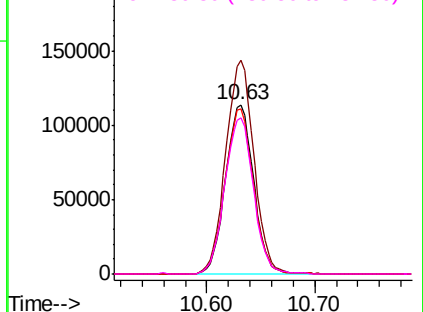


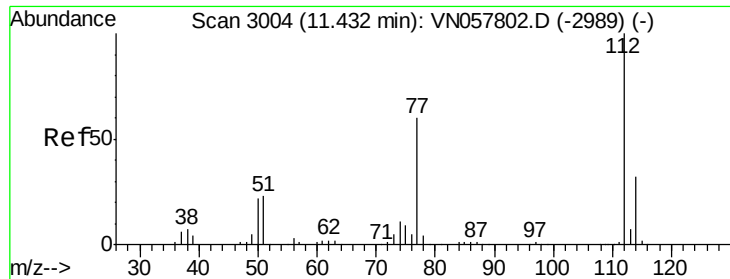
#64
Tetrachloroethene
Concen: 51.475 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion:164 Resp: 206473
Ion Ratio Lower Upper
164 100
166 126.1 102.2 153.2
129 97.3 80.8 121.2
131 92.1 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: 47.669 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

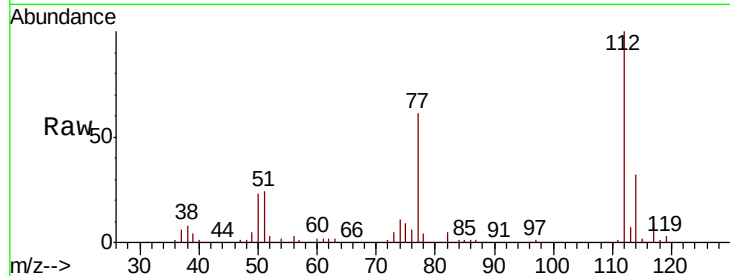
VSTDCCC050EC

Tgt Ion:112 Resp: 677736

Ion Ratio Lower Upper

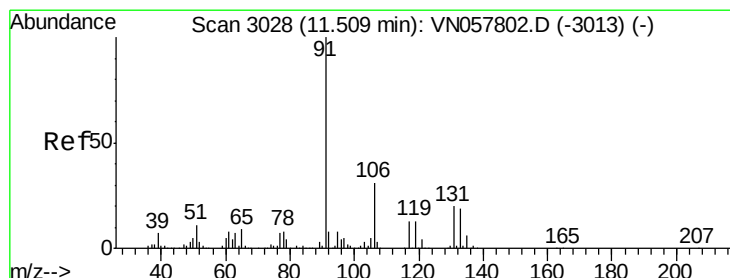
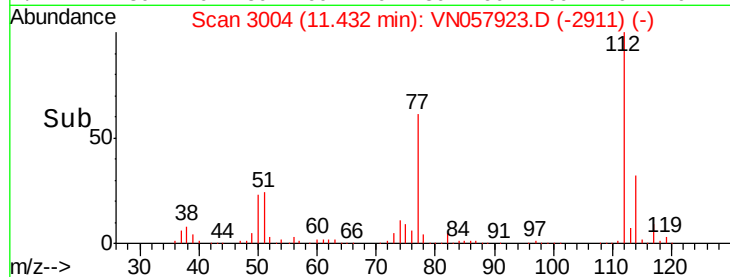
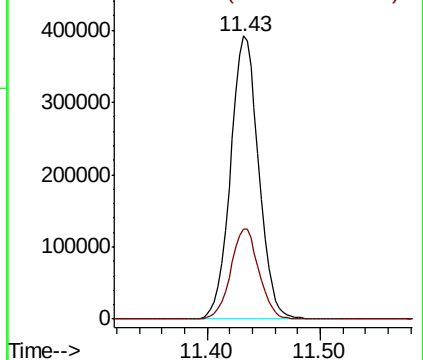
112 100

114 31.9 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.829 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

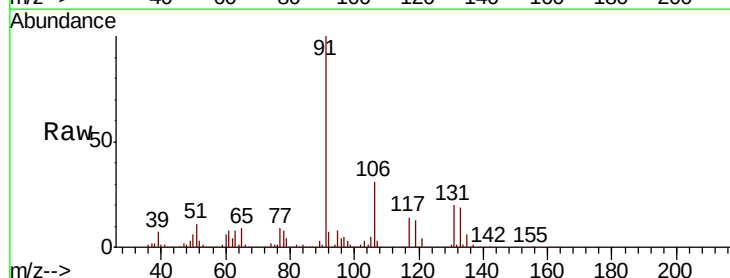
Tgt Ion:131 Resp: 245825

Ion Ratio Lower Upper

131 100

133 96.9 47.1 141.3

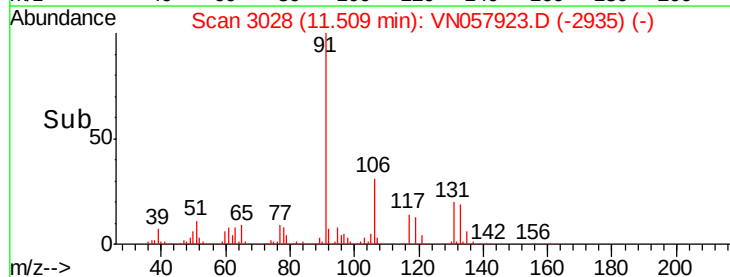
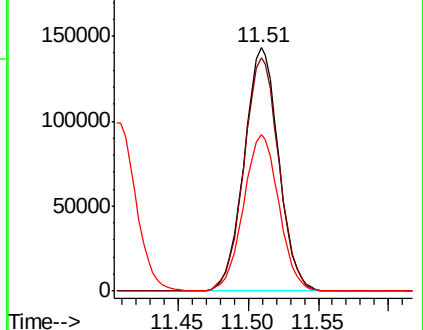
119 65.9 33.3 99.8

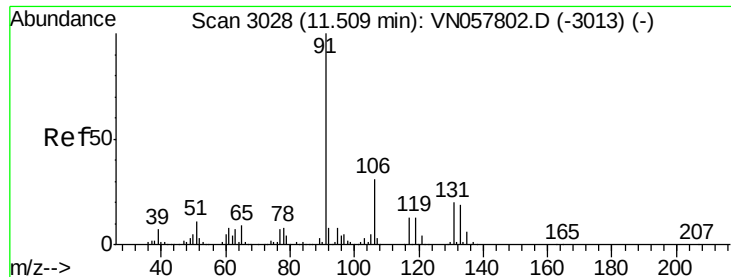


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

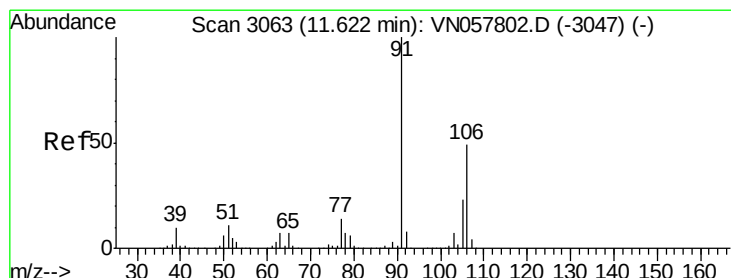
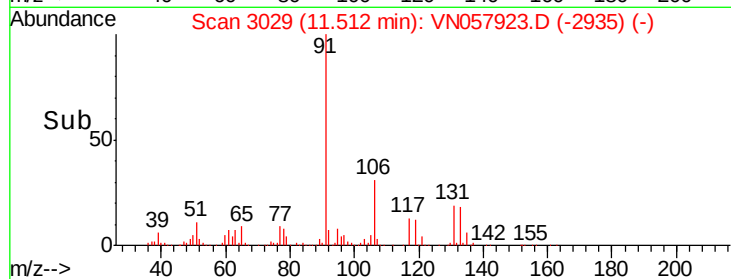
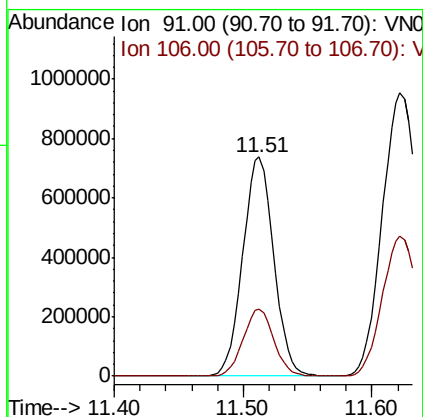
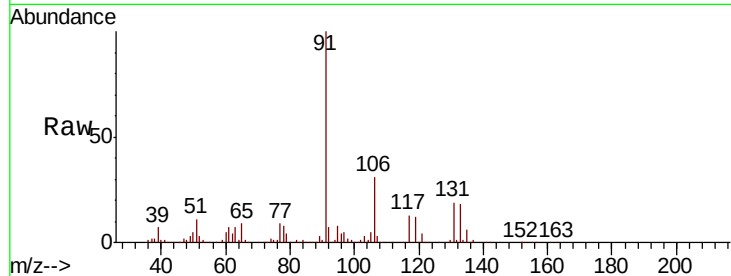




#67
Ethyl Benzene
Concen: 49.559 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

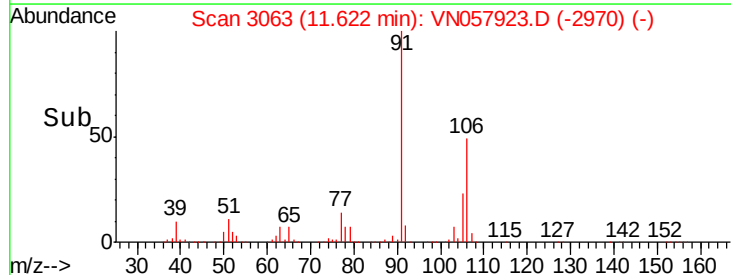
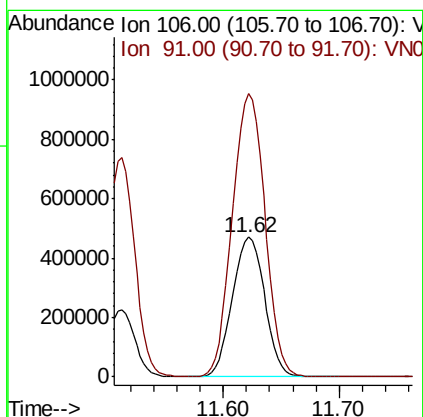
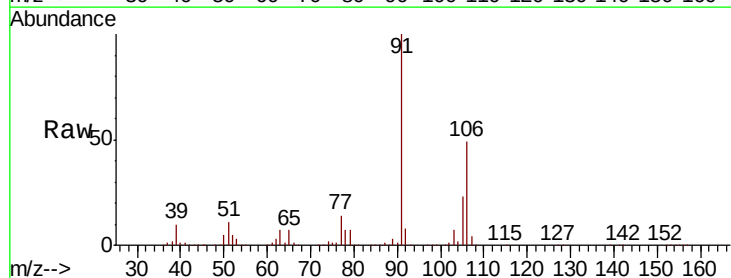
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

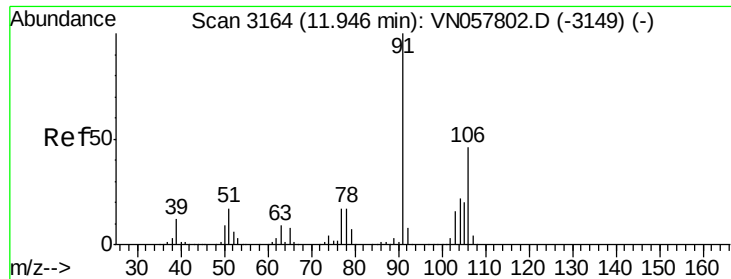
Tgt Ion: 91 Resp: 1234856
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 99.605 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion: 106 Resp: 909094
Ion Ratio Lower Upper
106 100
91 204.8 165.8 248.6

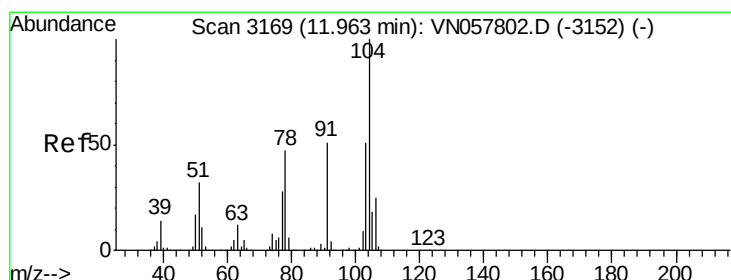
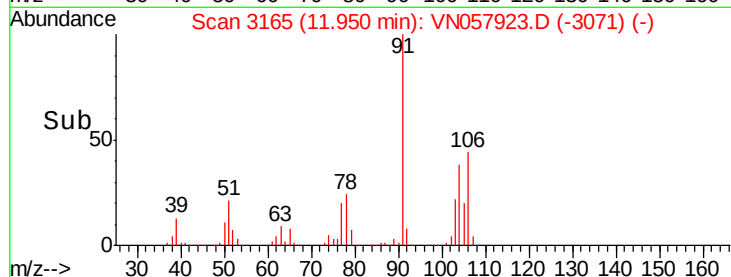
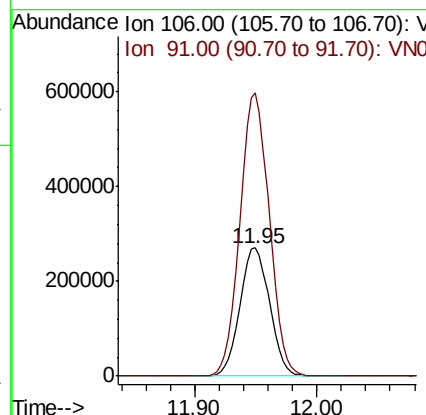
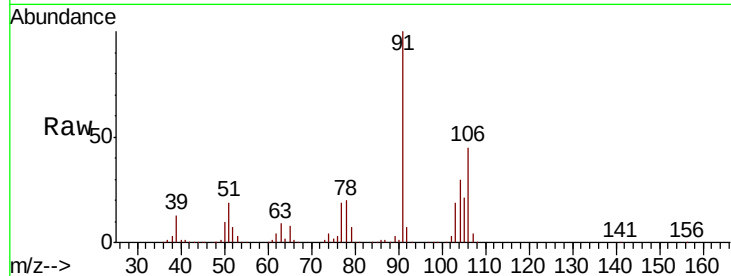




#69
o-Xylene
Concen: 50.099 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

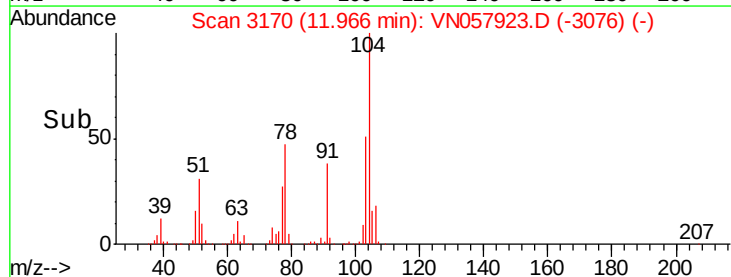
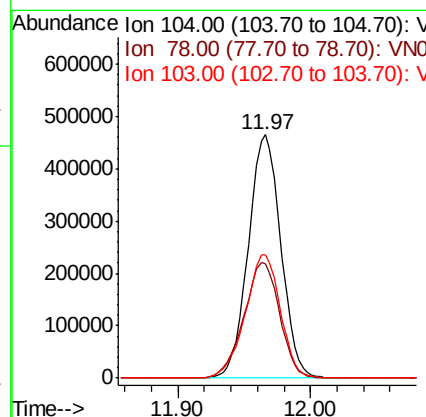
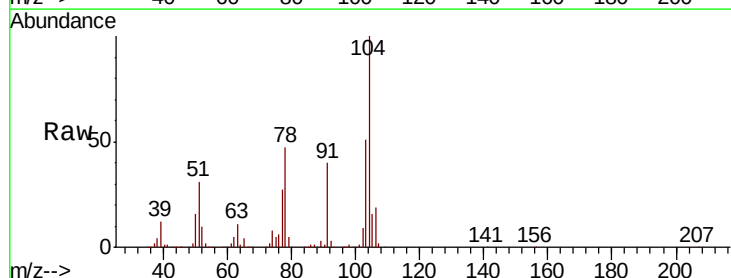
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

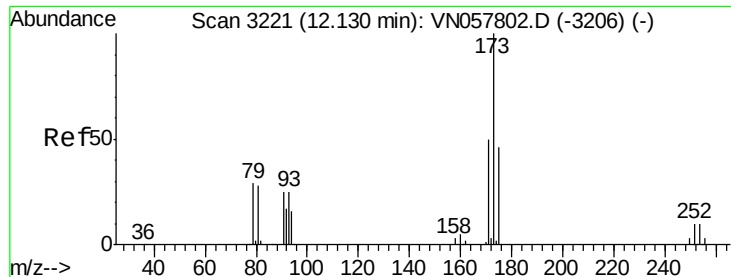
Tgt Ion:106 Resp: 454579
Ion Ratio Lower Upper
106 100
91 218.6 108.7 326.1



#70
Styrene
Concen: 50.950 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion:104 Resp: 795603
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 54.5 43.7 65.5





#71

Bromoform

Concen: 51.196 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

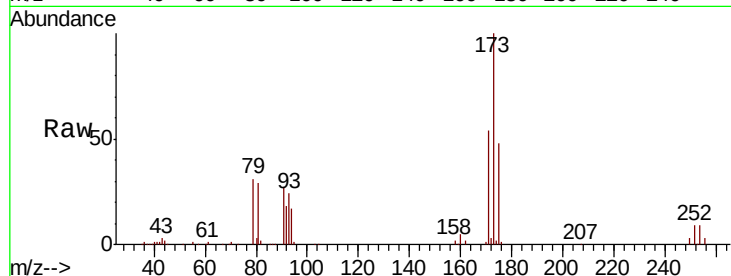
Tgt Ion:173 Resp: 157467

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.6

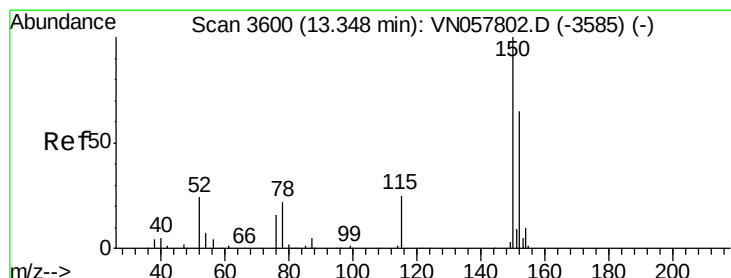
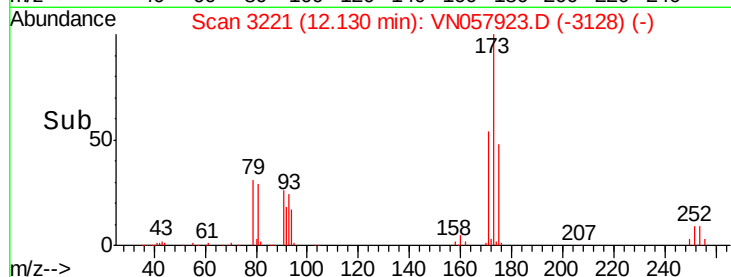
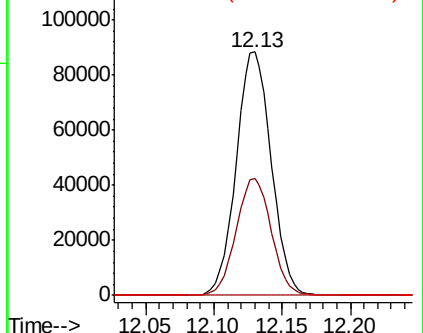
254 0.0 0.1 0.1#



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: VN057923.D

Acq: 11 Sep 2019 14:18

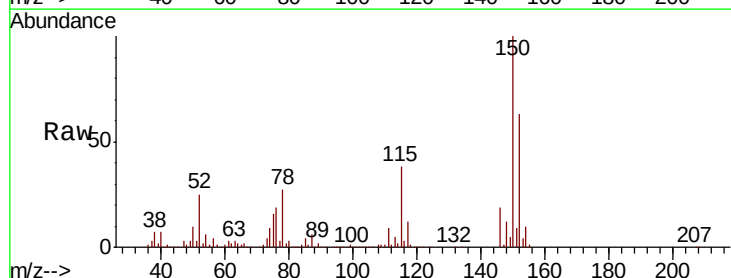
Tgt Ion:152 Resp: 332918

Ion Ratio Lower Upper

152 100

115 59.7 30.3 91.0

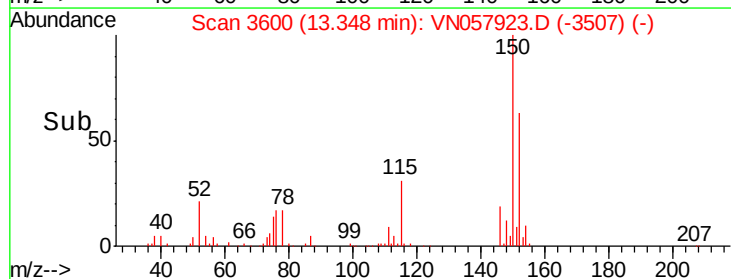
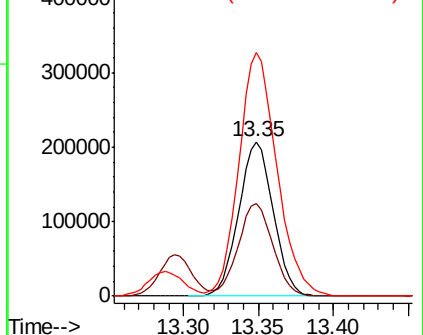
150 173.5 0.0 352.4

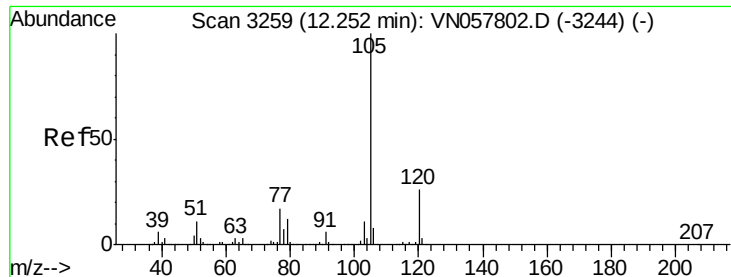


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.319 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

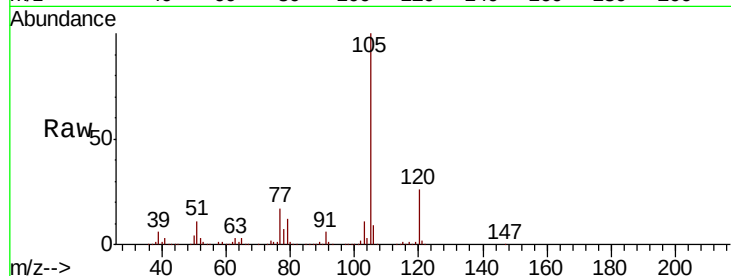
VSTDCCC050EC

Tgt Ion:105 Resp: 1248243

Ion Ratio Lower Upper

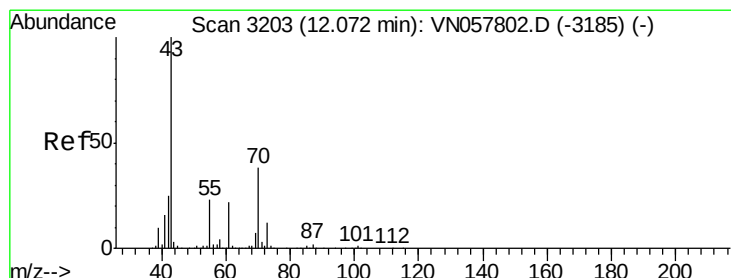
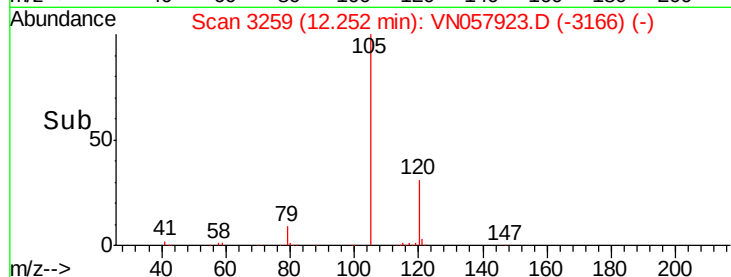
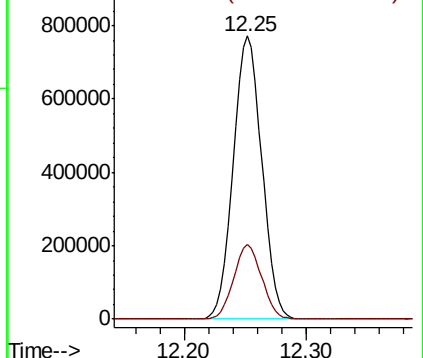
105 100

120 25.9 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: 50.266 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Tgt Ion: 43 Resp: 565126

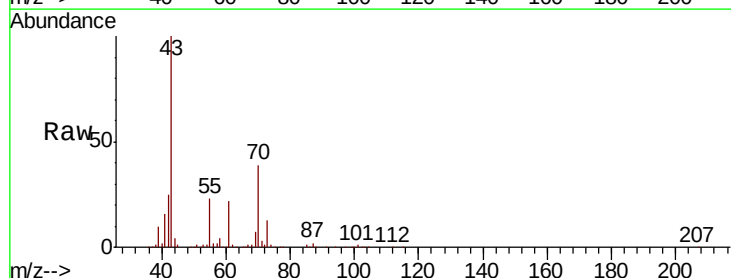
Ion Ratio Lower Upper

43 100

70 38.8 30.6 45.8

55 23.1 18.6 27.8

61 22.0 17.4 26.2

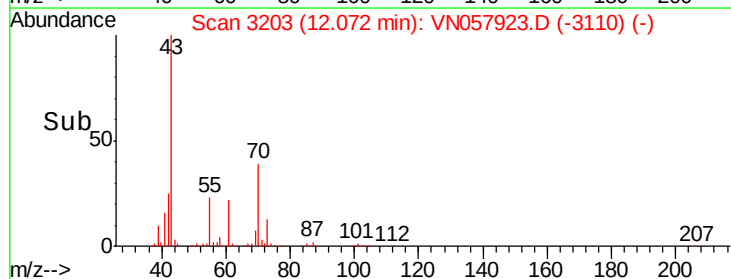
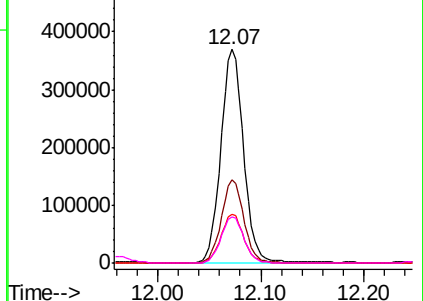


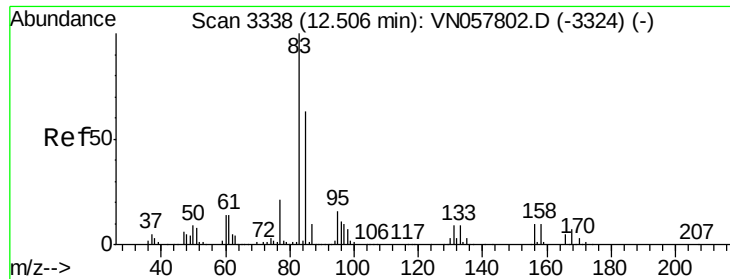
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.347 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

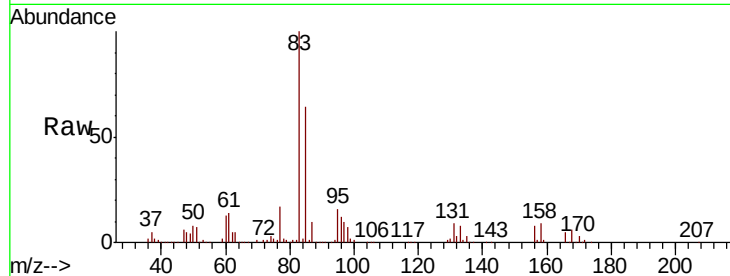
Tgt Ion: 83 Resp: 411830

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

85 63.5 31.6 94.7

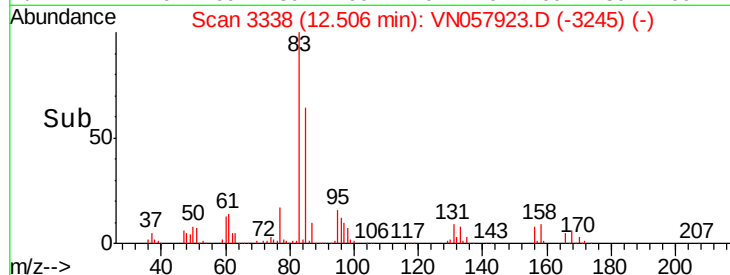


Abundance Ion 82.90 (82.60 to 83.60): VN057923.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN057923.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN057923.D (-3245) (-)

Time-->

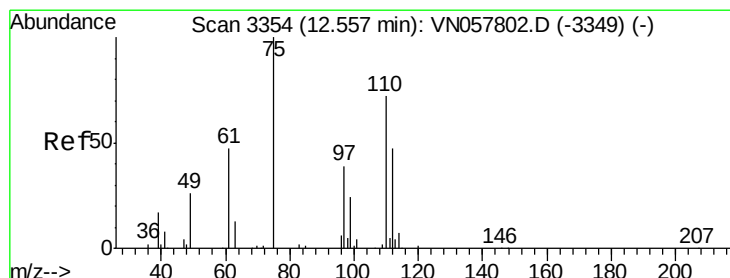


Abundance Ion 82.90 (82.60 to 83.60): VN057923.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN057923.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN057923.D (-3245) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 63.225 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057923.D

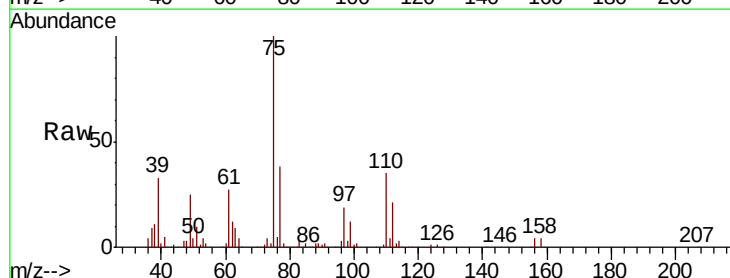
Acq: 11 Sep 2019 14:18

Tgt Ion: 75 Resp: 476161

Ion Ratio Lower Upper

75 100

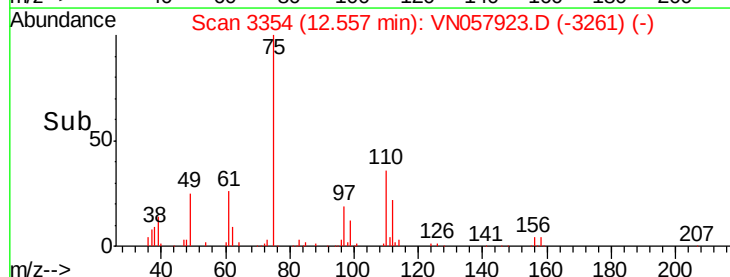
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057923.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN057923.D (-3261) (-)

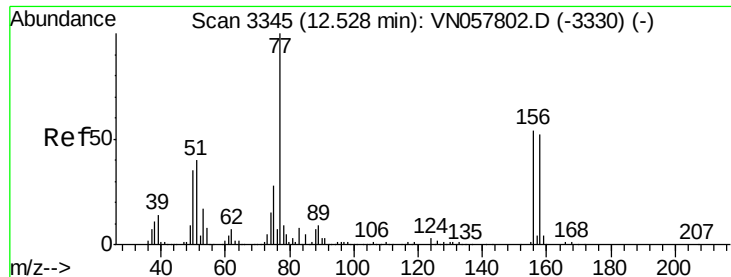
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN057923.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN057923.D (-3261) (-)

Time-->



#77

Bromobenzene

Concen: 45.887 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

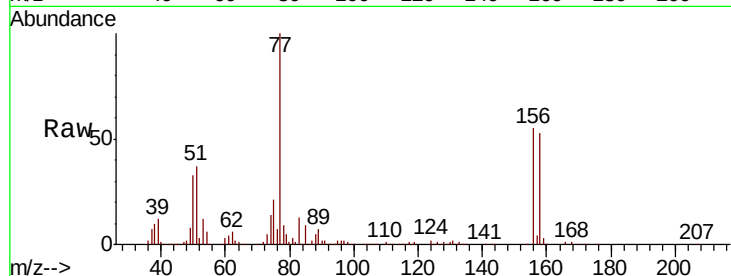
Tgt Ion:156 Resp: 295547

Ion Ratio Lower Upper

156 100

77 221.1 113.7 341.1

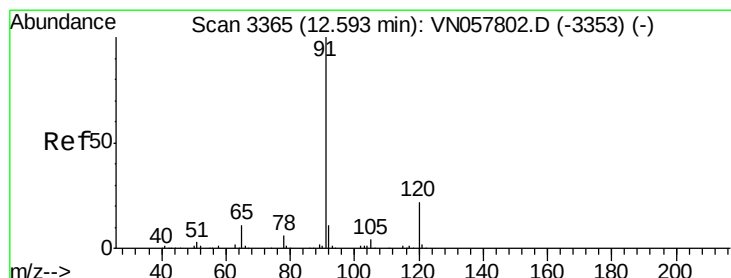
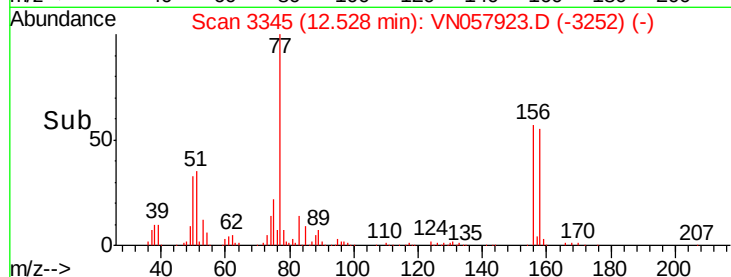
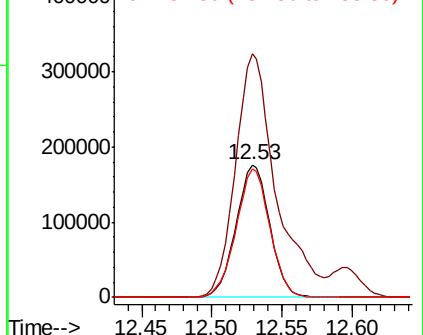
158 96.6 48.5 145.6



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: 49.264 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057923.D

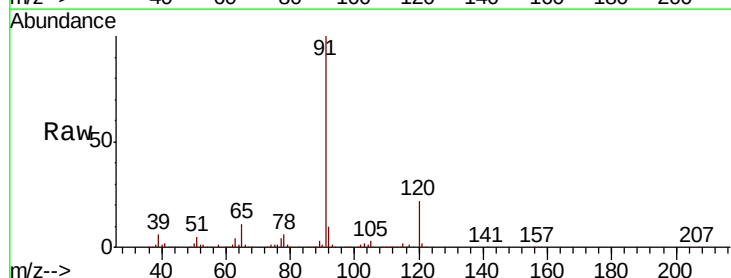
Acq: 11 Sep 2019 14:18

Tgt Ion: 91 Resp: 1461401

Ion Ratio Lower Upper

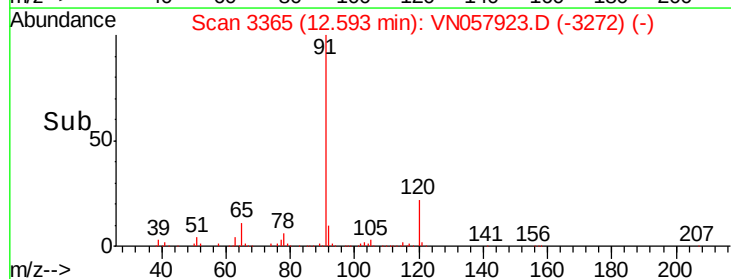
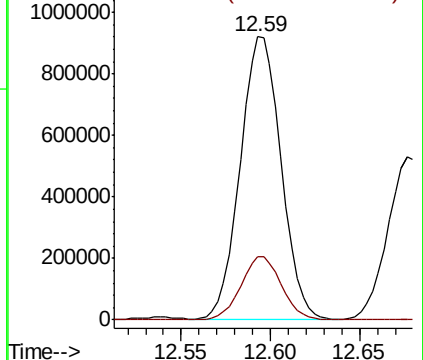
91 100

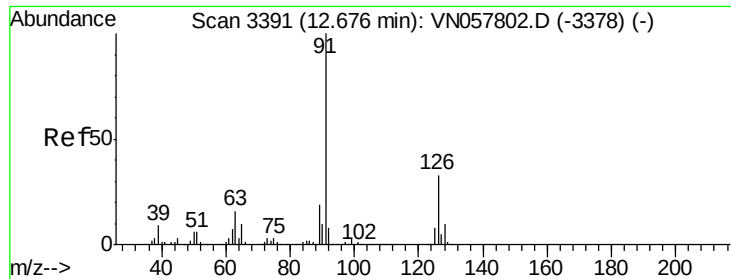
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.523 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

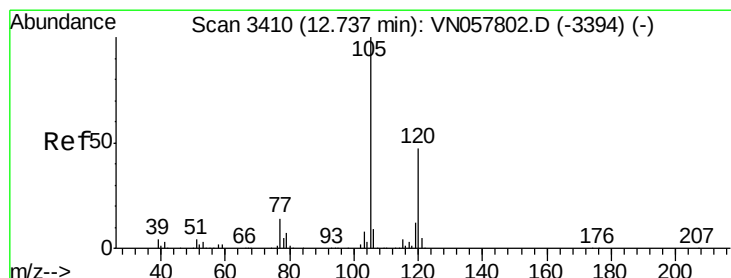
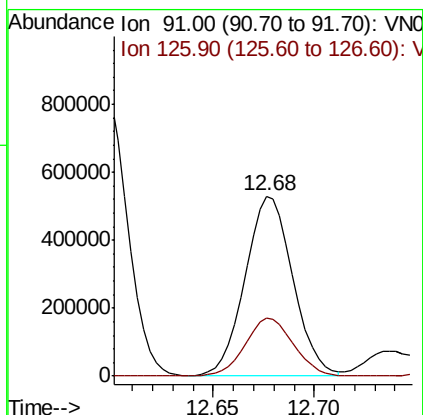
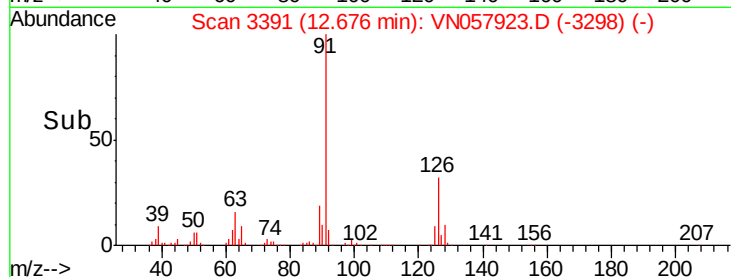
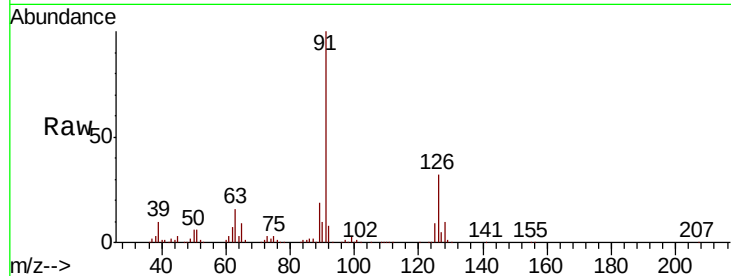
VSTDCCC050EC

Tgt Ion: 91 Resp: 872255

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 49.084 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057923.D

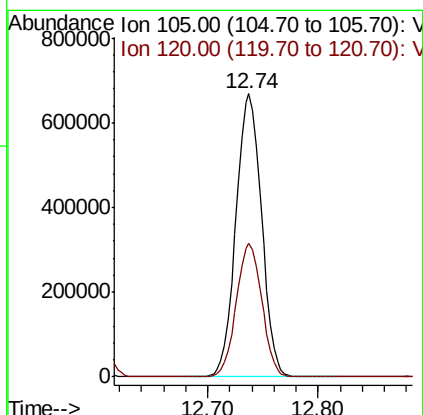
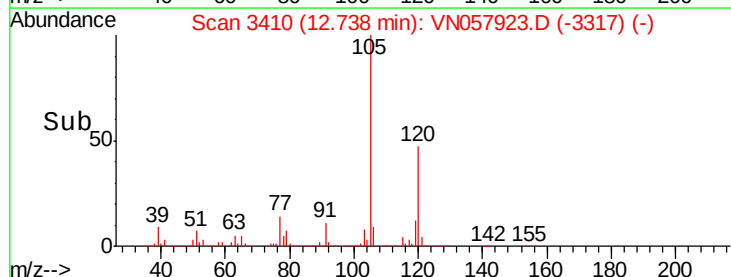
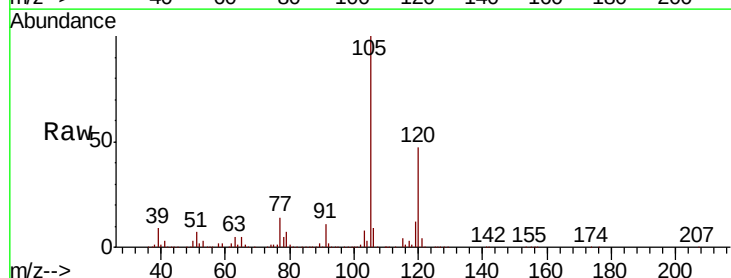
Acq: 11 Sep 2019 14:18

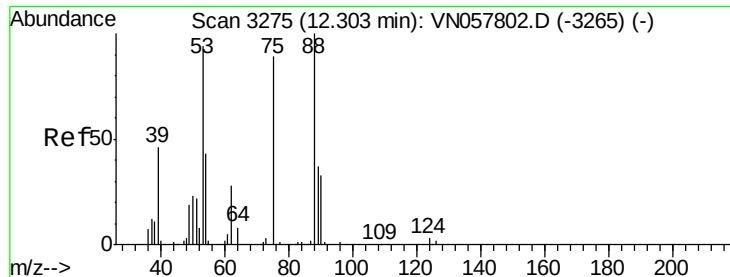
Tgt Ion: 105 Resp: 1071381

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 37.356 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

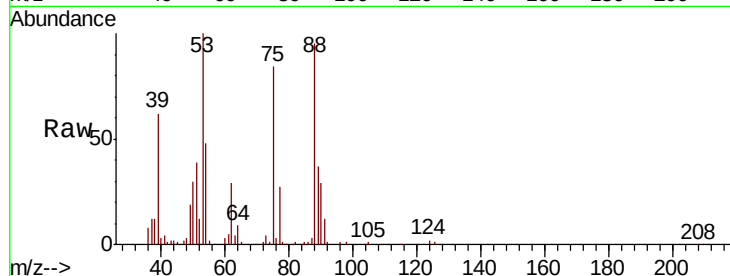
Tgt Ion: 75 Resp: 79947

Ion Ratio Lower Upper

75 100

53 120.2 88.4 132.6

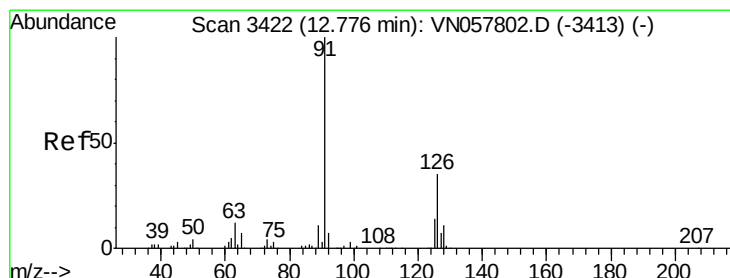
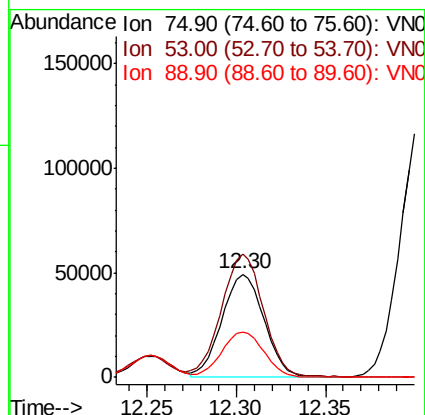
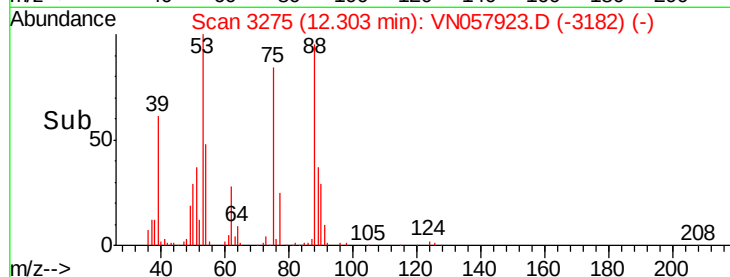
89 44.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN057802.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN057802.D (-3265) (-)



#82

4-Chlorotoluene

Concen: 47.788 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057923.D

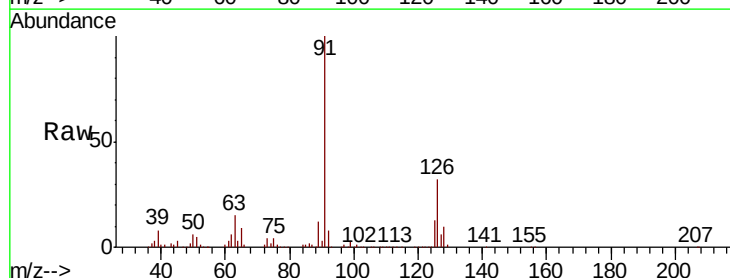
Acq: 11 Sep 2019 14:18

Tgt Ion: 91 Resp: 920107

Ion Ratio Lower Upper

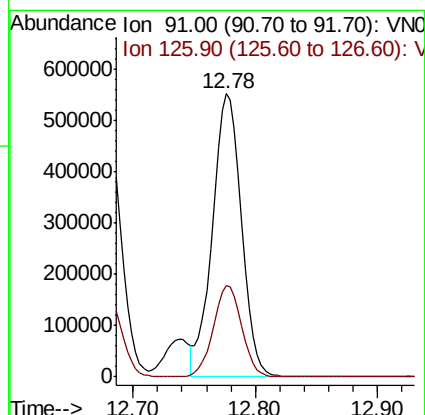
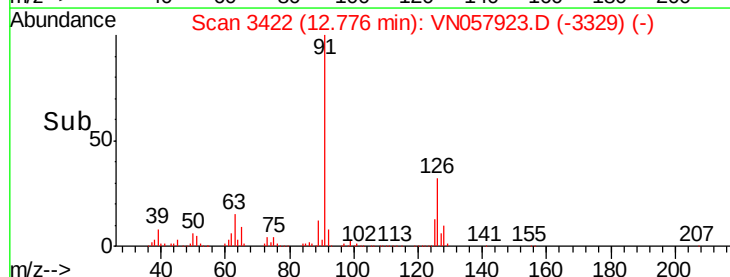
91 100

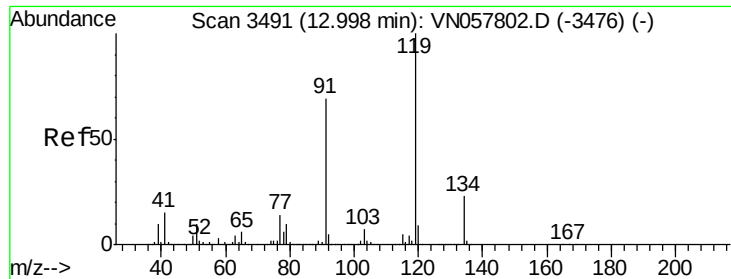
126 31.7 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN057802.D (-3413) (-)

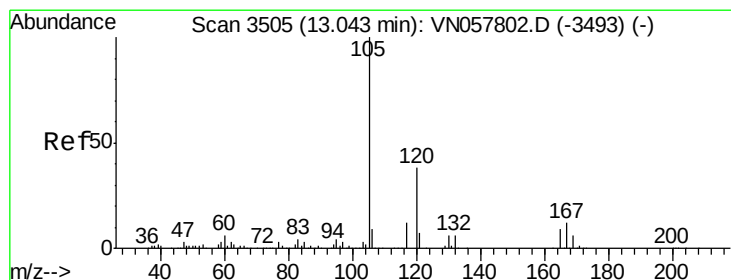
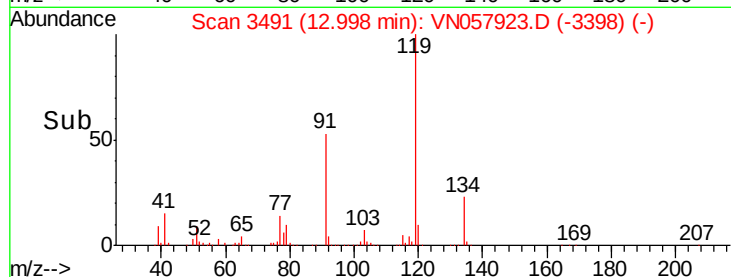
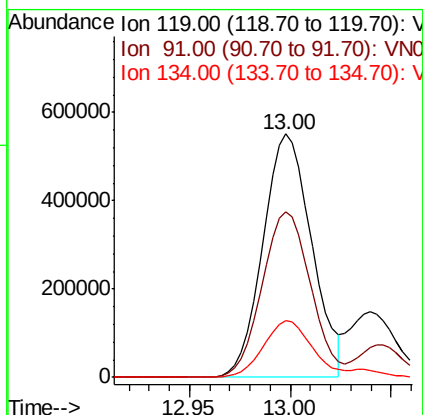
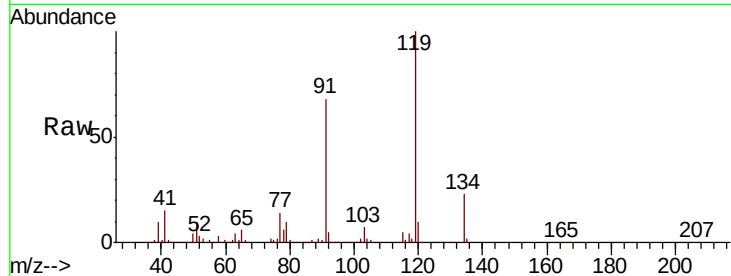




#83
 tert-Butylbenzene
 Concen: 47.680 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

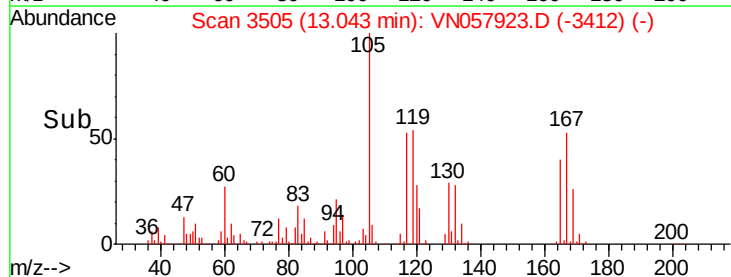
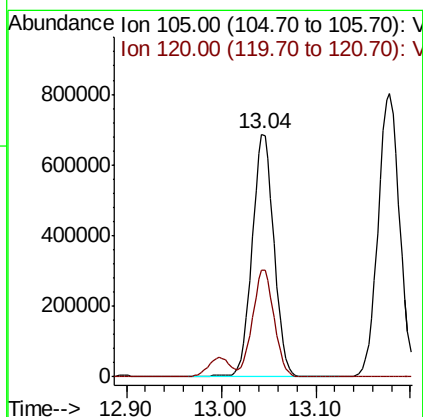
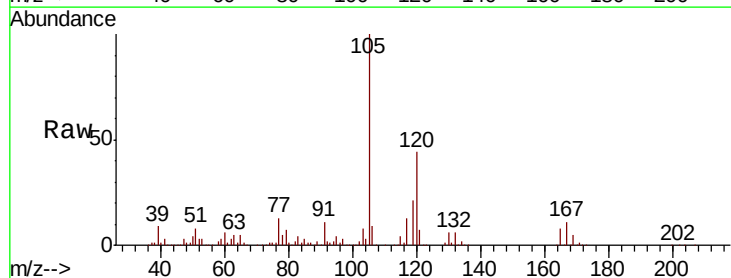
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

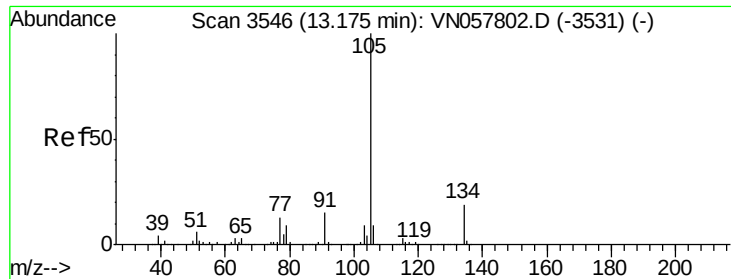
Tgt Ion:119 Resp: 925123
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.6 100.8
 134 23.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.580 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion:105 Resp: 1099903
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 49.106 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

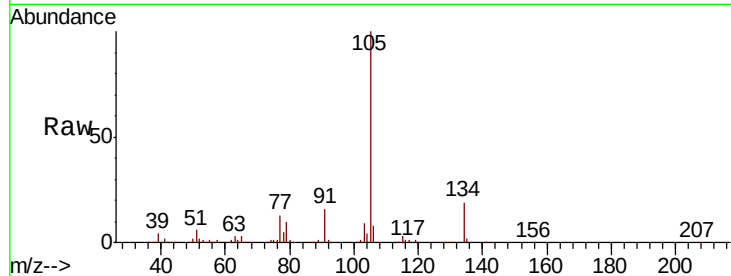
VSTDCCC050EC

Tgt Ion:105 Resp: 1262846

Ion Ratio Lower Upper

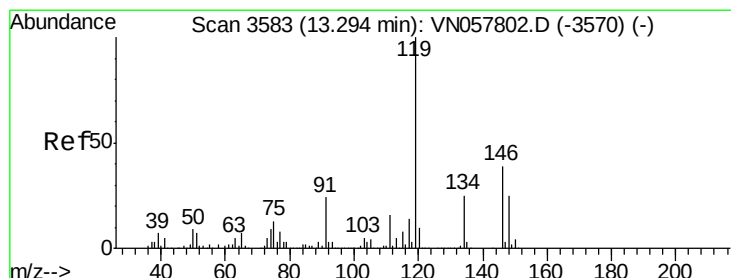
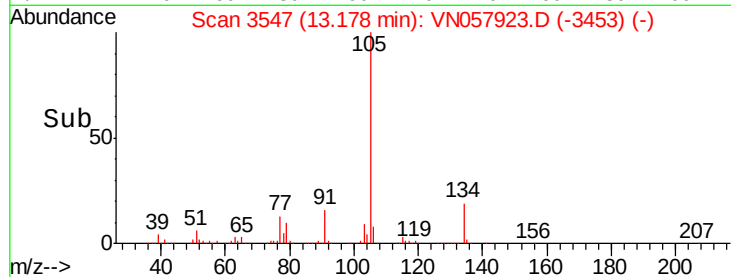
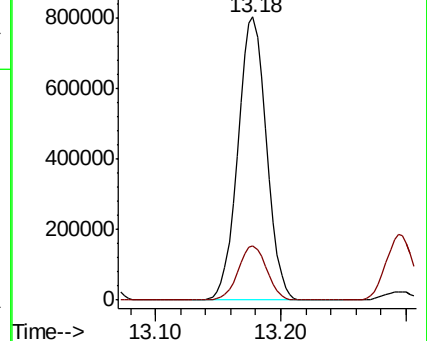
105 100

134 19.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.990 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

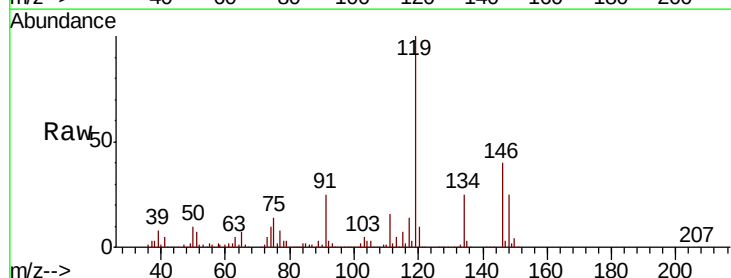
Tgt Ion:119 Resp: 1132728

Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

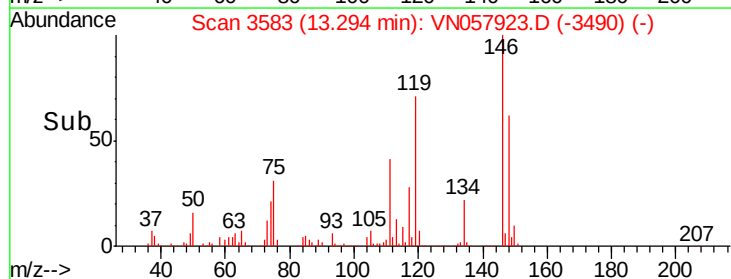
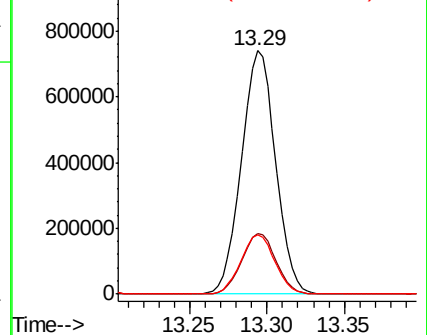
91 24.4 12.3 36.8

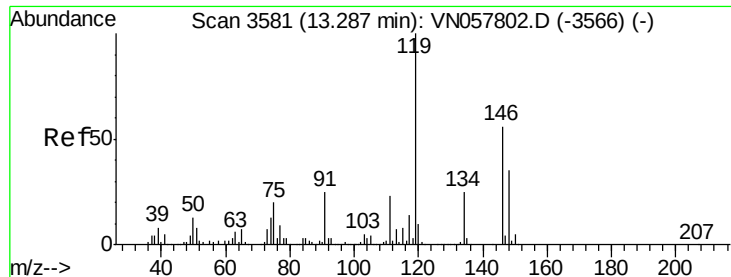


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

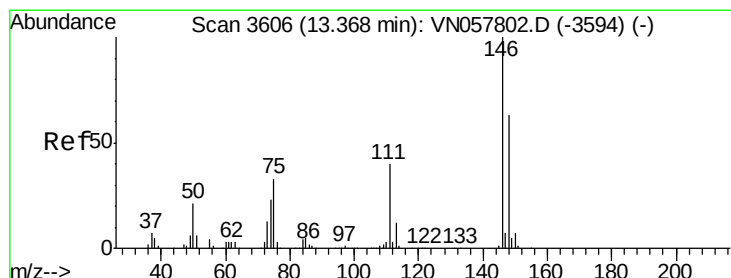
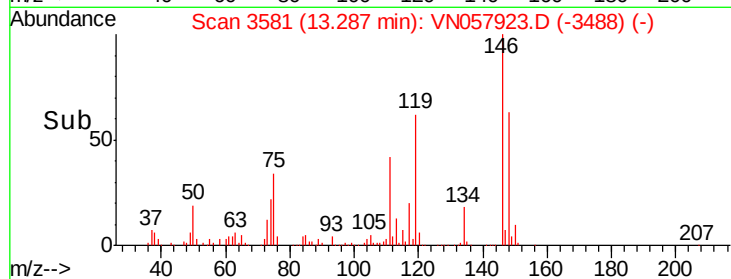
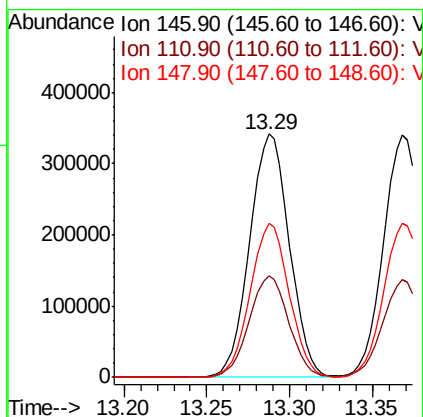
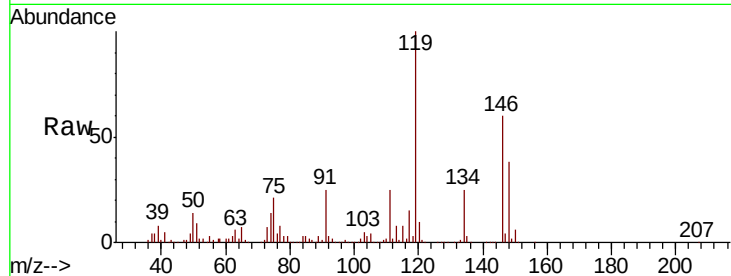




#87
 1,3-Dichlorobenzene
 Concen: 48.089 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

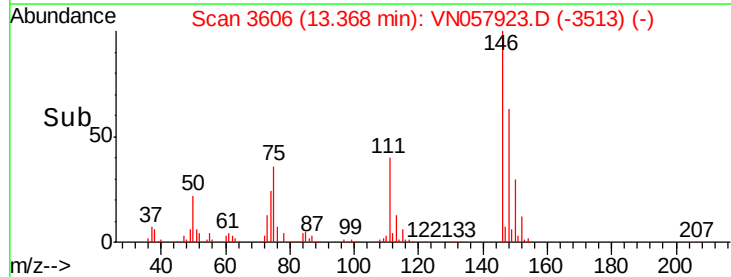
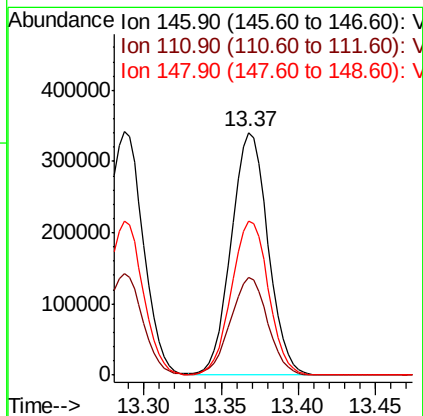
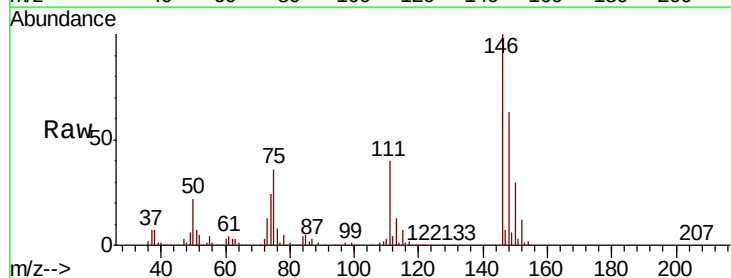
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

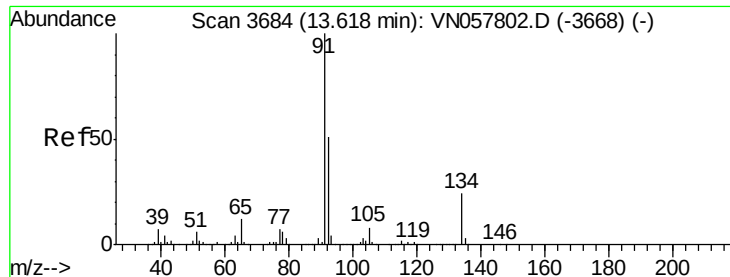
Tgt Ion:146 Resp: 568520
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.6
 148 62.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 46.663 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion:146 Resp: 559961
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.2
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 47.758 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057923.D

Acq: 11 Sep 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

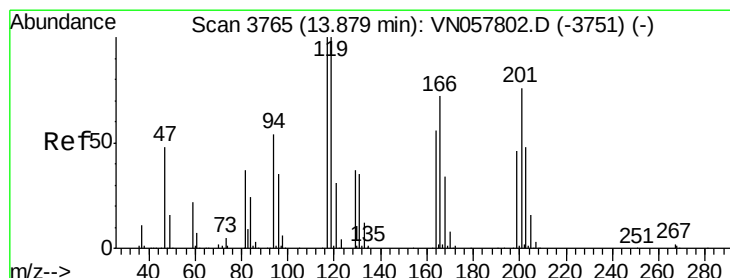
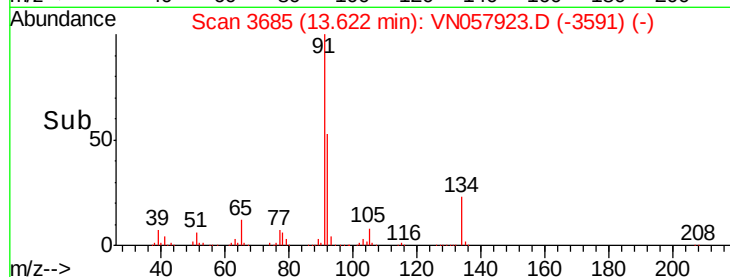
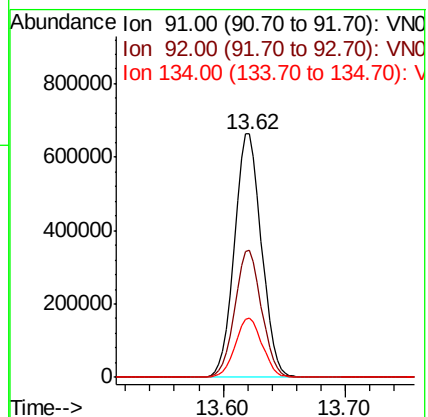
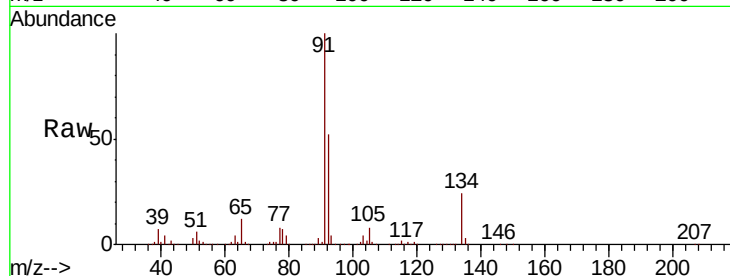
Tgt Ion: 91 Resp: 1021957

Ion Ratio Lower Upper

91 100

92 51.7 25.7 77.0

134 24.3 11.9 35.7



#90

Hexachloroethane

Concen: 49.648 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057923.D

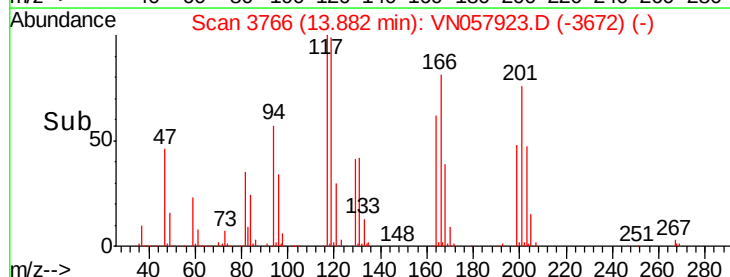
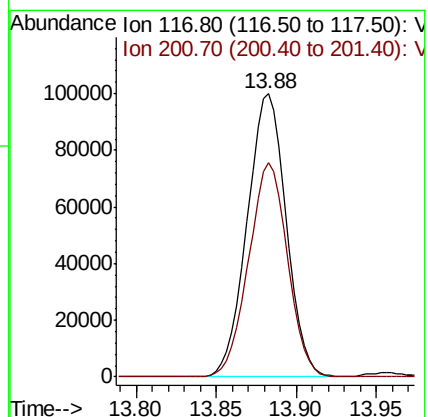
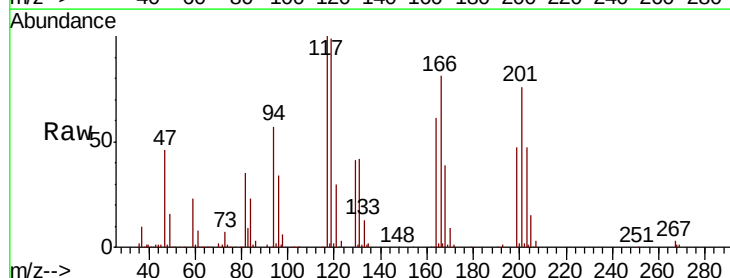
Acq: 11 Sep 2019 14:18

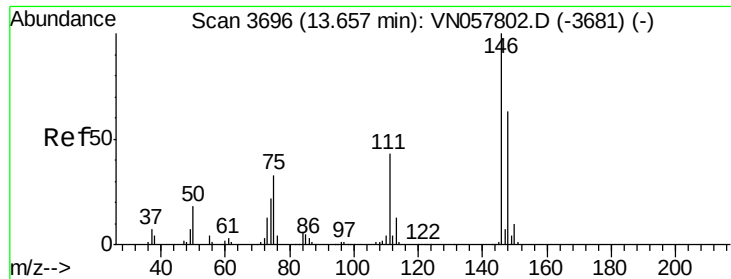
Tgt Ion: 117 Resp: 167309

Ion Ratio Lower Upper

117 100

201 75.4 37.5 112.7

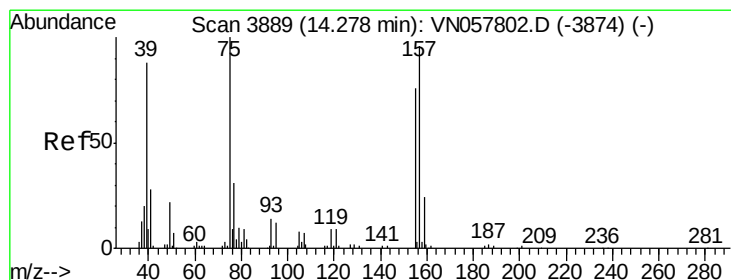
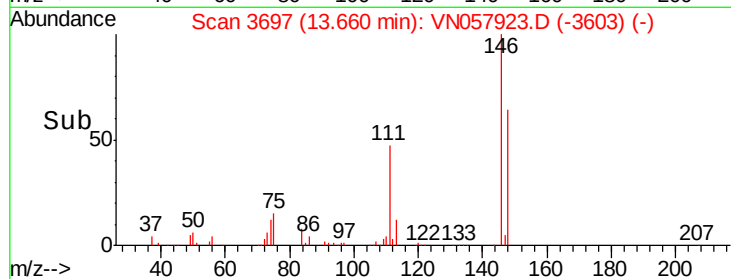
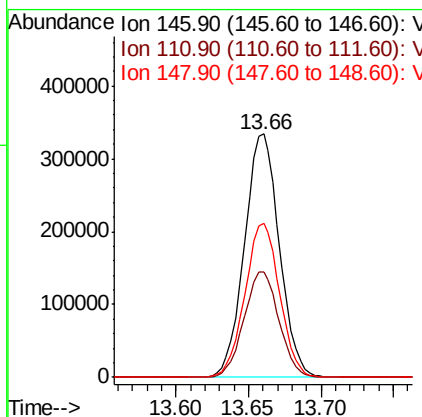
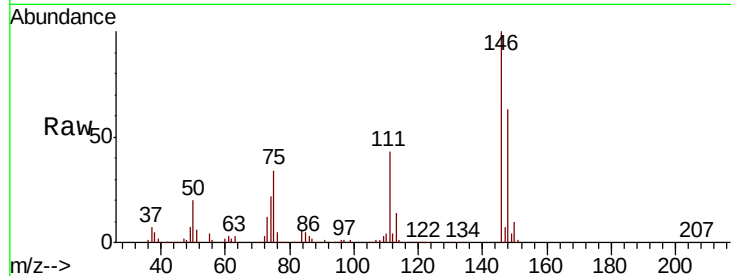




#91
 1,2-Dichlorobenzene
 Concen: 47.378 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

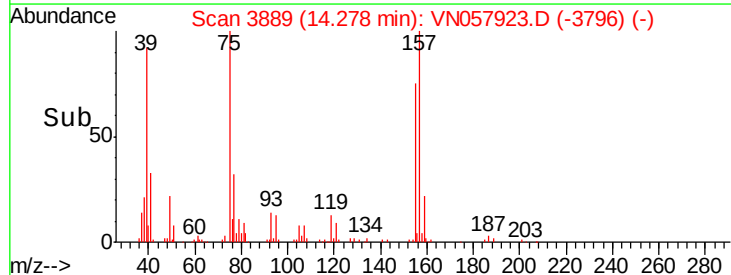
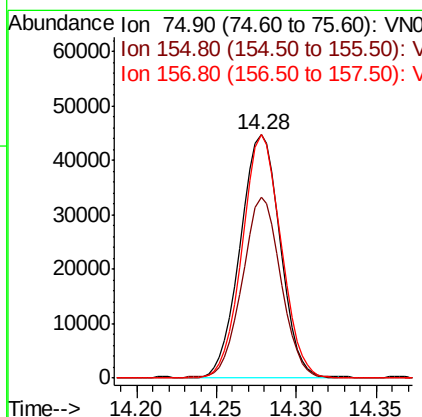
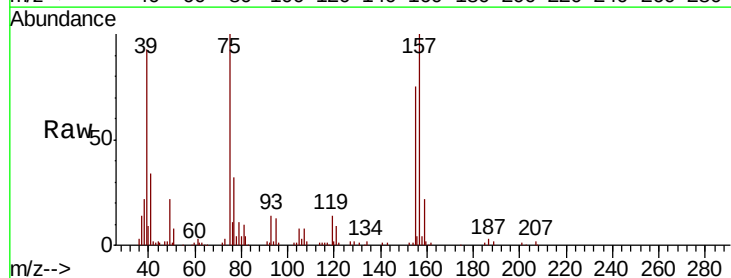
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

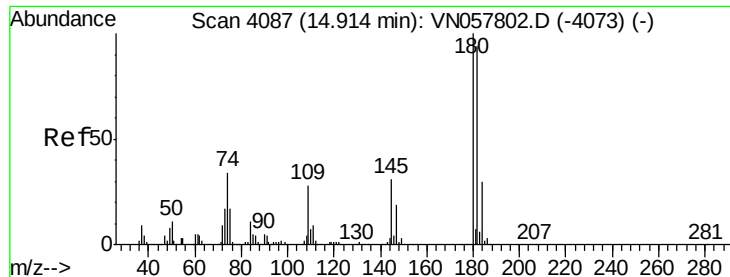
Tgt Ion:146 Resp: 559573
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.9
 148 63.1 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.892 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion: 75 Resp: 75976
 Ion Ratio Lower Upper
 75 100
 155 71.9 37.3 111.8
 157 97.1 47.9 143.8

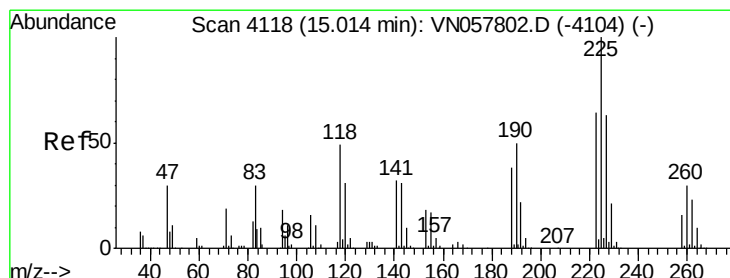
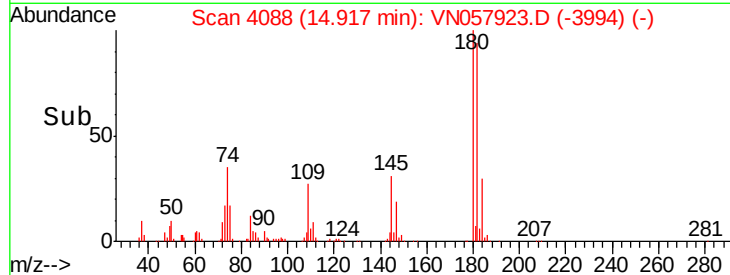
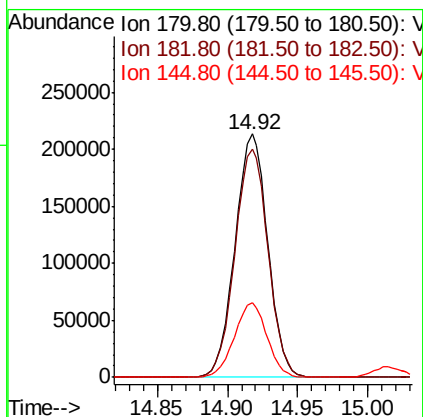
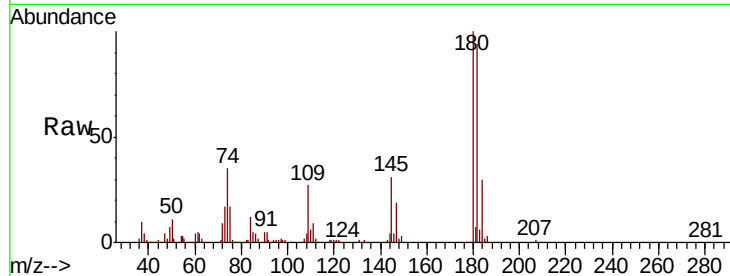




#93
 1,2,4-Trichlorobenzene
 Concen: 44.993 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

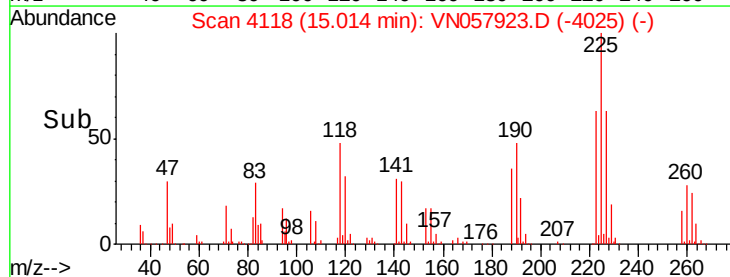
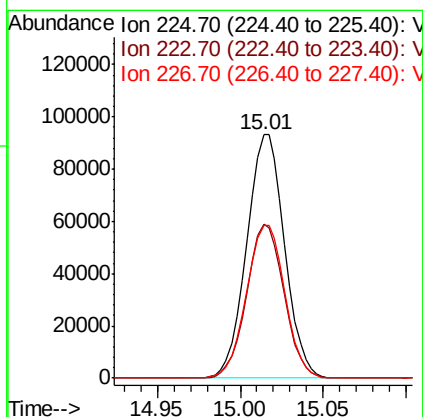
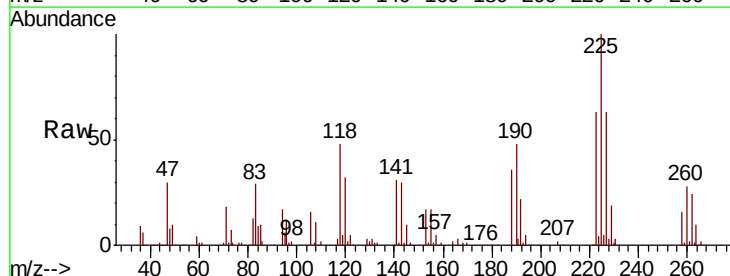
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

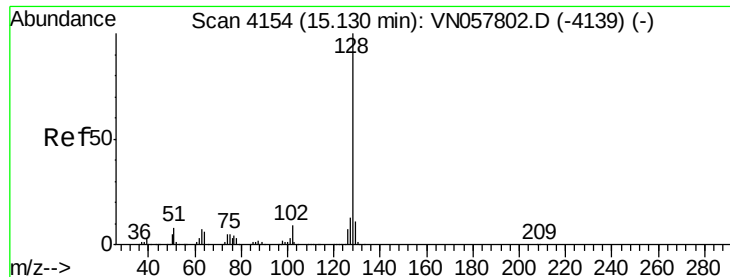
Tgt Ion:180 Resp: 347337
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.8
 145 30.6 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 45.233 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057923.D
 Acq: 11 Sep 2019 14:18

Tgt Ion:225 Resp: 148021
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.4 97.2
 227 63.9 31.8 95.4

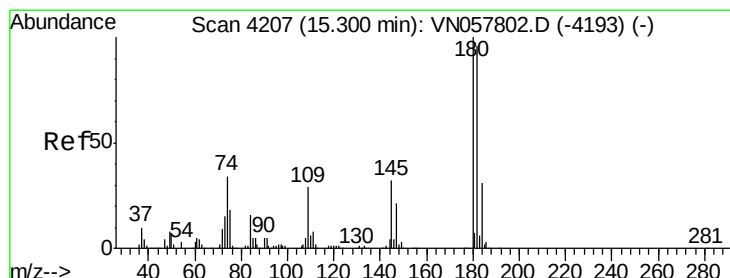
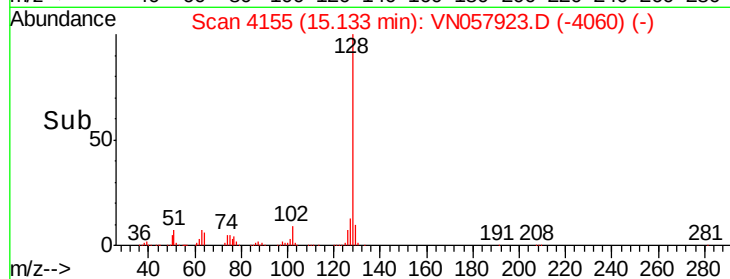
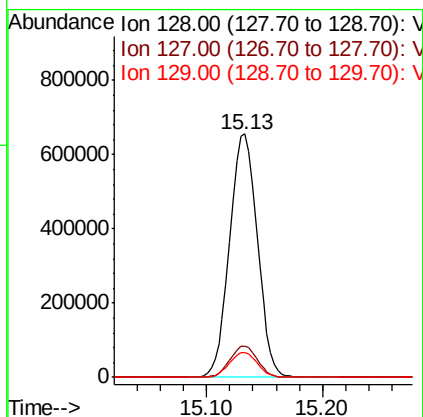
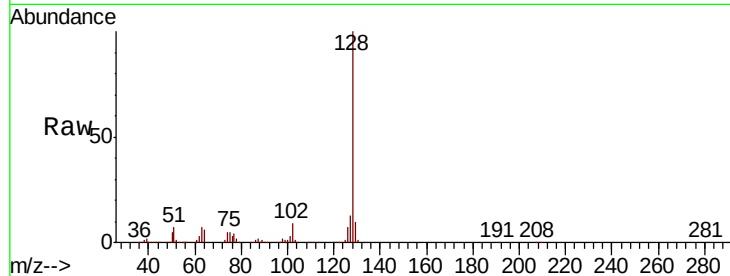




#95
Naphthalene
Concen: 55.767 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1083312
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.302 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057923.D
Acq: 11 Sep 2019 14:18

Tgt Ion:180 Resp: 332170
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.8
145 32.6 16.3 48.8

