

Data File : VN057068.D
Acq On : 2 Aug 2019 16:56
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 03 04:25:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	467037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	662455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	596897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	256390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	230003	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.58	113	212650	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.08	98	794169	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	272950	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	250869	53.134	ug/l	99
3) Chloromethane	2.05	50	254648	45.041	ug/l	100
4) Vinyl Chloride	2.18	62	244144	46.053	ug/l	99
5) Bromomethane	2.54	94	130682	39.652	ug/l	97
6) Chloroethane	2.68	64	133751	45.768	ug/l	99
7) Trichlorofluoromethane	3.00	101	352934	50.858	ug/l	99
8) Diethyl Ether	3.40	74	130844	50.380	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	214666	49.894	ug/l	97
10) Methyl Iodide	3.93	142	231070	40.193	ug/l	99
11) Tert butyl alcohol	4.77	59	161523	249.955	ug/l	100
12) 1,1-Dichloroethene	3.72	96	202505	49.329	ug/l	98
13) Acrolein	3.59	56	66179	199.131	ug/l	99
14) Allyl chloride	4.30	41	321549	48.152	ug/l	98
15) Acrylonitrile	4.97	53	472388	249.276	ug/l	99
16) Acetone	3.80	43	446797	257.970	ug/l	99
17) Carbon Disulfide	4.04	76	483257	44.301	ug/l	98
18) Methyl Acetate	4.31	43	262215	47.459	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	631145	51.561	ug/l	99
20) Methylene Chloride	4.53	84	230494	46.200	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	213783	49.034	ug/l	98
22) Diisopropyl ether	5.93	45	675393	49.088	ug/l	99
23) Vinyl Acetate	5.88	43	2381434	249.810	ug/l	99
24) 1,1-Dichloroethane	5.83	63	398955	49.146	ug/l	99
25) 2-Butanone	6.82	43	606236	246.845	ug/l	98
26) 2,2-Dichloropropane	6.81	77	319812	51.812	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	255106	49.471	ug/l	99
28) Bromochloromethane	7.18	49	189845	49.753	ug/l	97
29) Tetrahydrofuran	7.19	42	382705	238.837	ug/l	99
30) Chloroform	7.36	83	402084	48.444	ug/l	98
31) Cyclohexane	7.64	56	355628	45.271	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	342768	51.758	ug/l	98
36) 1,1-Dichloropropene	7.78	75	291972	50.088	ug/l	100
37) Ethyl Acetate	6.91	43	232821	49.869	ug/l	98
38) Carbon Tetrachloride	7.76	117	297537	53.962	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	370527	49.734	ug/l	99
40) Benzene	8.03	78	908218	50.586	ug/l	99
41) Methacrylonitrile	7.16	41	114121	52.876	ug/l	93
42) 1,2-Dichloroethane	8.11	62	290694	51.661	ug/l	99
43) Isopropyl Acetate	8.15	43	389948	50.535	ug/l	98
44) Trichloroethene	8.82	130	257213	52.001	ug/l	99
45) 1,2-Dichloropropane	9.11	63	244025	50.815	ug/l	98
46) Dibromomethane	9.20	93	155714	53.767	ug/l	99
47) Bromodichloromethane	9.39	83	307016	53.918	ug/l	99
48) Methyl methacrylate	9.19	41	192610	51.701	ug/l	97
49) 1,4-Dioxane	9.19	88	76590	997.601	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1171152	255.441	ug/l	99
52) Toluene	10.15	92	569507	52.796	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	322961	54.657	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	369783	53.824	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	226885	52.448	ug/l	99
56) Ethyl methacrylate	10.42	69	320312	49.065	ug/l	99
57) 1,3-Dichloropropane	10.70	76	373996	52.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	520361	200.733	ug/l	97
59) 2-Hexanone	10.74	43	856301	242.601	ug/l	99
60) Dibromochloromethane	10.90	129	249601	56.318	ug/l	98
61) 1,2-Dibromoethane	11.00	107	233733	55.366	ug/l	99
64) Tetrachloroethene	10.62	164	258168	50.191	ug/l	98
65) Chlorobenzene	11.43	112	626215	51.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	242328	52.922	ug/l	99
67) Ethyl Benzene	11.50	91	1094076	52.035	ug/l	100
68) m/p-Xylenes	11.62	106	821240	105.833	ug/l	100
69) o-Xylene	11.94	106	400581	52.766	ug/l	99
70) Styrene	11.96	104	664819	49.562	ug/l	99
71) Bromoform	12.12	173	177236	55.440	ug/l #	99
73) Isopropylbenzene	12.24	105	1079043	48.697	ug/l	100
74) N-amyl acetate	12.07	43	315572	49.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	293470	52.528	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	349882	67.196	ug/l #	100
77) Bromobenzene	12.52	156	283018	48.938	ug/l	99
78) n-propylbenzene	12.59	91	1172356	49.552	ug/l	99
79) 2-Chlorotoluene	12.67	91	706760	48.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	913895	50.252	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	80817	49.869	ug/l	99
82) 4-Chlorotoluene	12.77	91	689561	50.579	ug/l	99
83) tert-Butylbenzene	12.99	119	816368	50.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	885909	50.627	ug/l	100
85) sec-Butylbenzene	13.17	105	1045957	50.369	ug/l	100
86) p-Isopropyltoluene	13.29	119	958191	51.973	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	458814	52.156	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	434645	51.324	ug/l	100
89) n-Butylbenzene	13.61	91	729449	51.337	ug/l	99
90) Hexachloroethane	13.87	117	162448	51.171	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	454208	52.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45984	52.177	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080219\
Quantitation Report (Not Reviewed)

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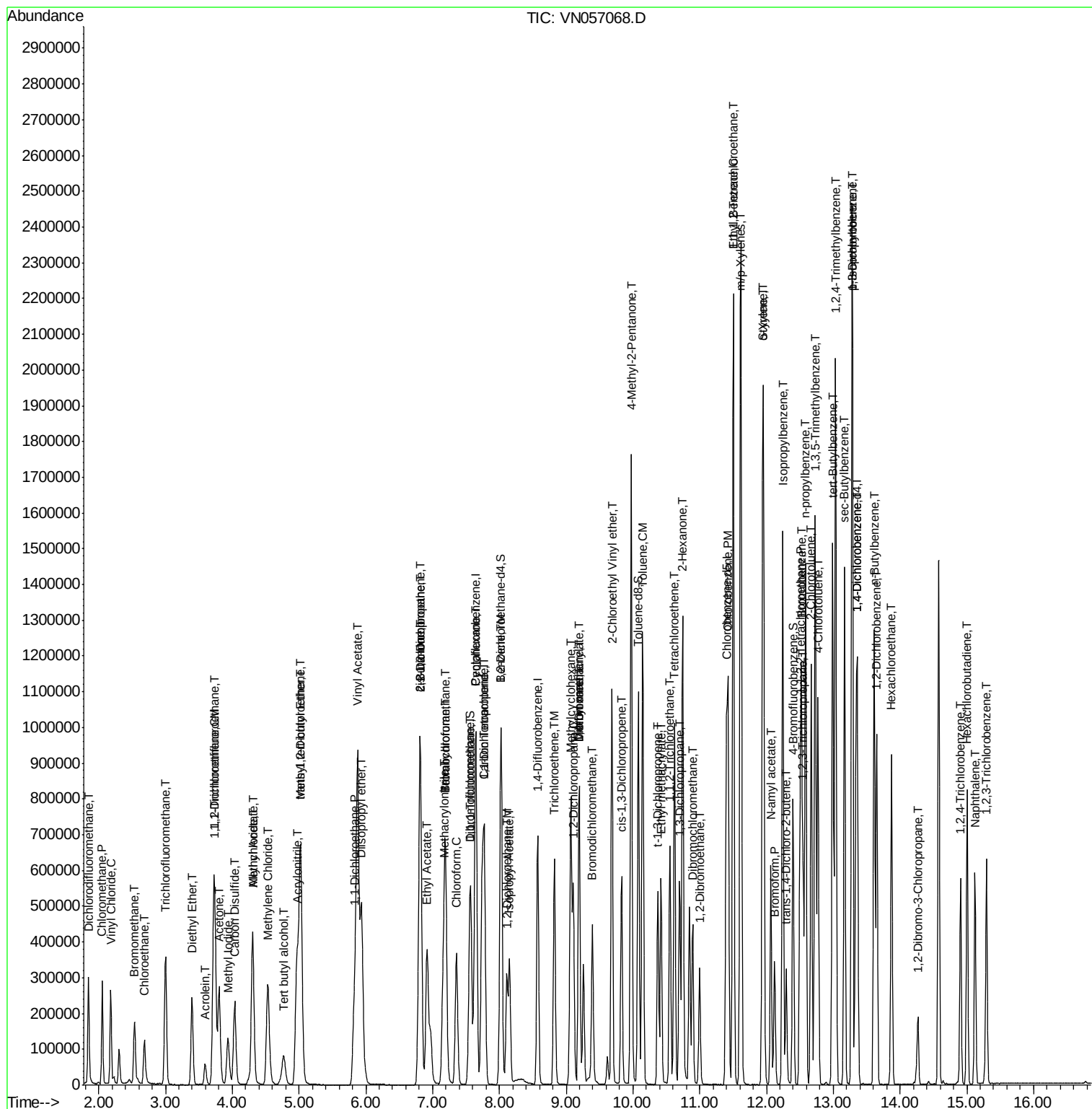
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	203338	45.769	ug/l	99
94) Hexachlorobutadiene	15.00	225	177632	59.356	ug/l	97
95) Naphthalene	15.12	128	505175	46.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	226321	50.138	ug/l	100

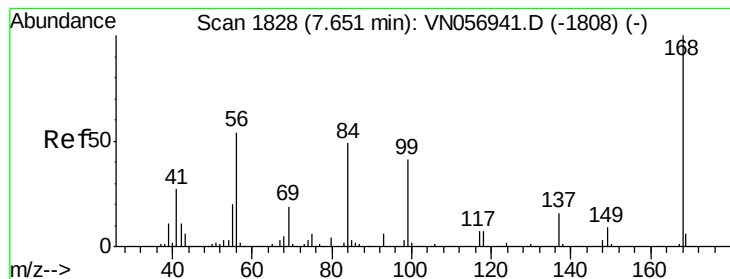
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

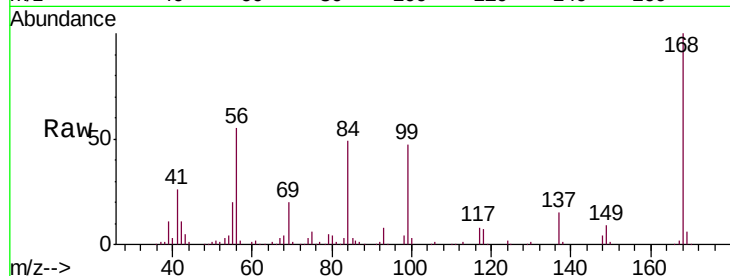
VSTDCCC050EC

Tgt Ion:168 Resp: 467037

Ion Ratio Lower Upper

168 100

99 46.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

100000

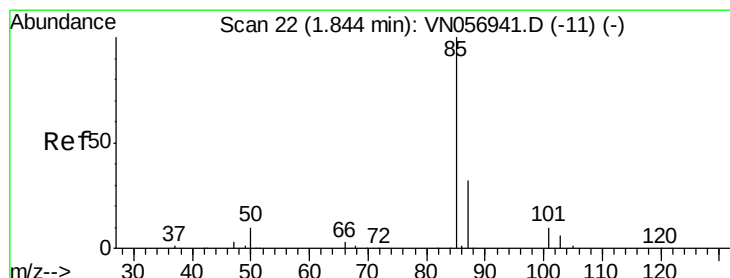
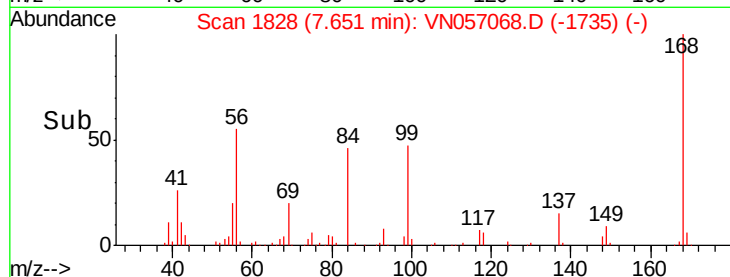
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 53.134 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057068.D

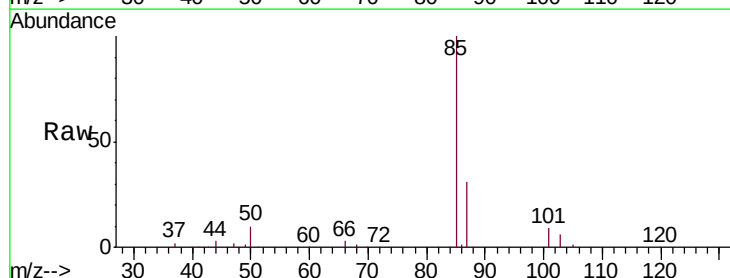
Acq: 2 Aug 2019 16:56

Tgt Ion: 85 Resp: 250869

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

200000

150000

100000

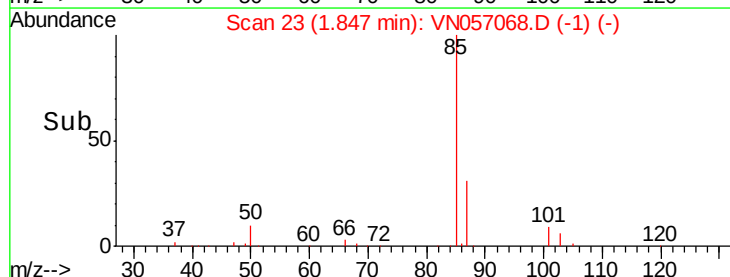
50000

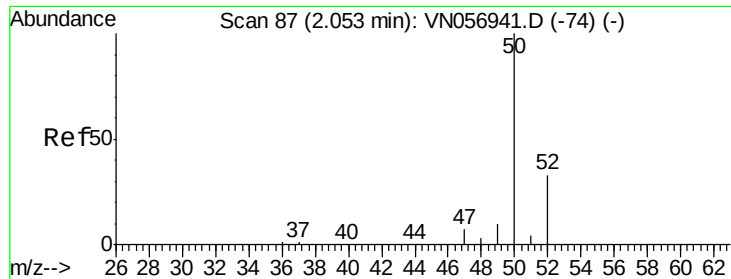
0

1.80

1.90

Time-->





#3

Chloromethane

Concen: 45.041 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

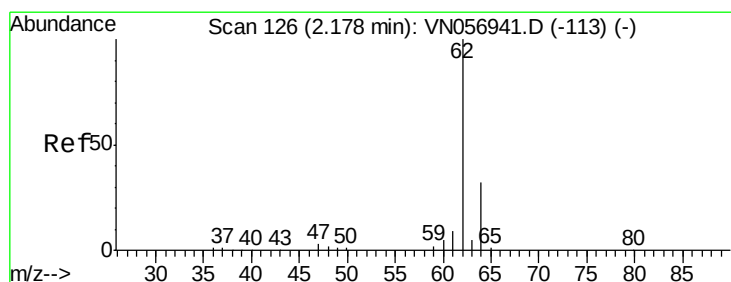
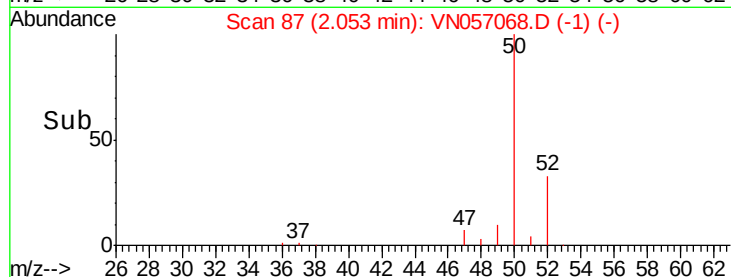
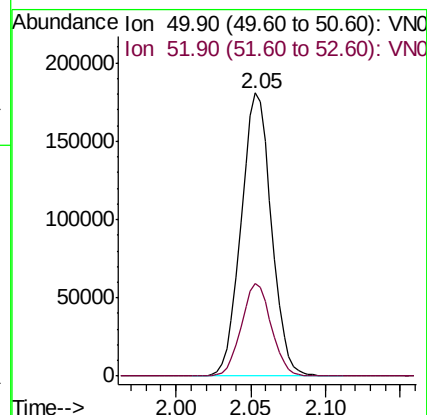
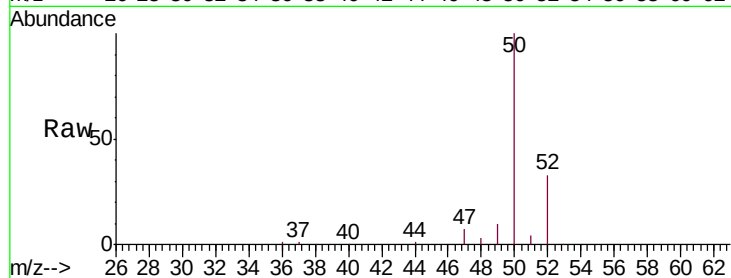
VSTDCCC050EC

Tgt Ion: 50 Resp: 254648

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 46.053 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057068.D

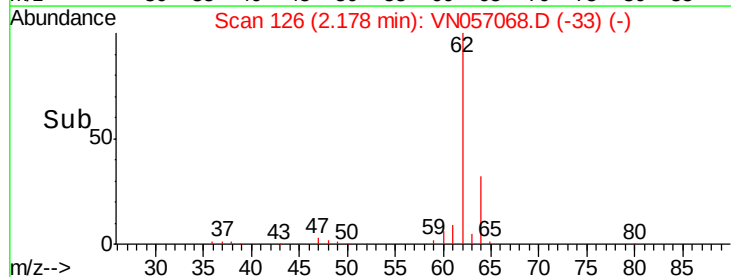
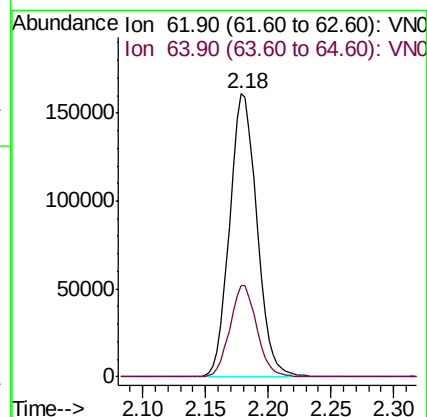
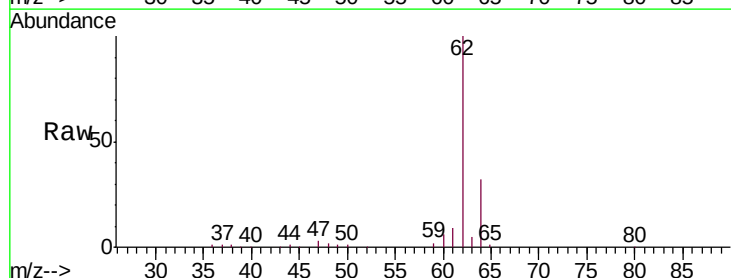
Acq: 2 Aug 2019 16:56

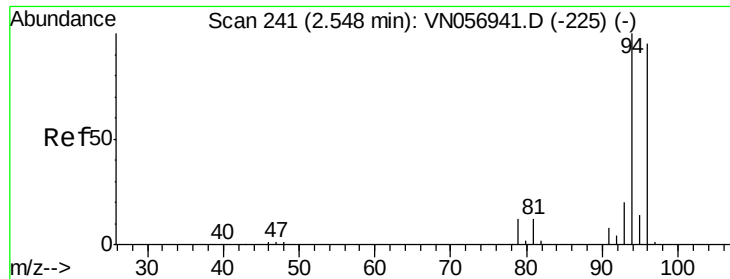
Tgt Ion: 62 Resp: 244144

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 39.652 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

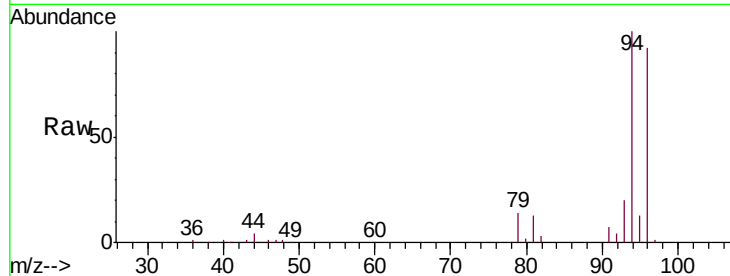
VSTDCCC050EC

Tgt Ion: 94 Resp: 130682

Ion Ratio Lower Upper

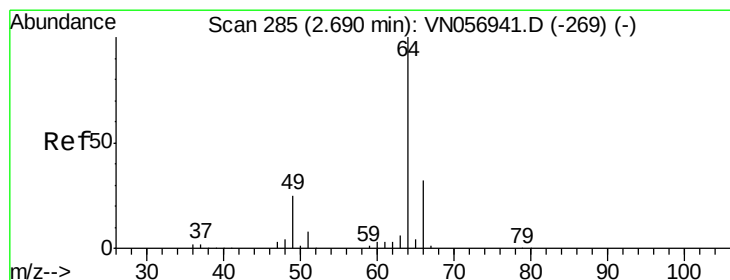
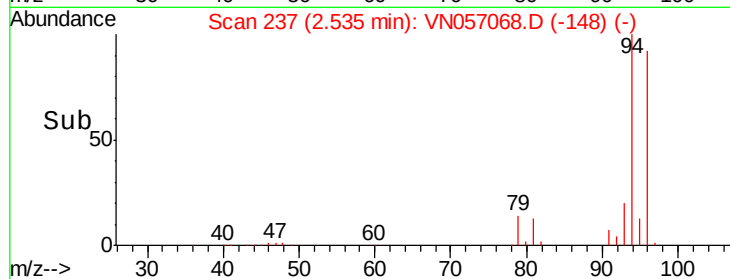
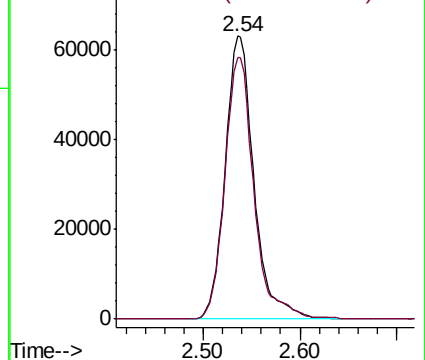
94 100

96 92.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.768 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.01 min

Lab File: VN057068.D

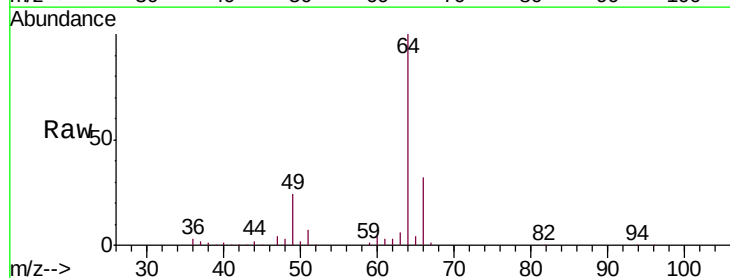
Acq: 2 Aug 2019 16:56

Tgt Ion: 64 Resp: 133751

Ion Ratio Lower Upper

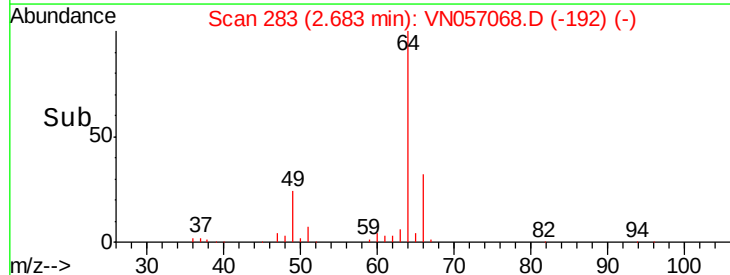
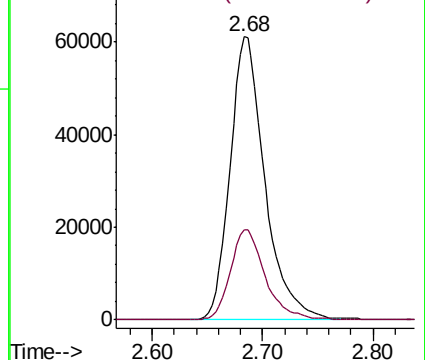
64 100

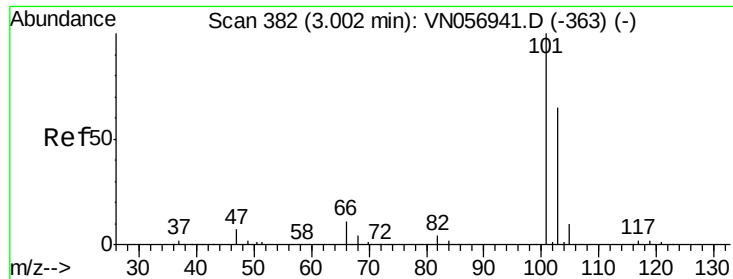
66 32.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



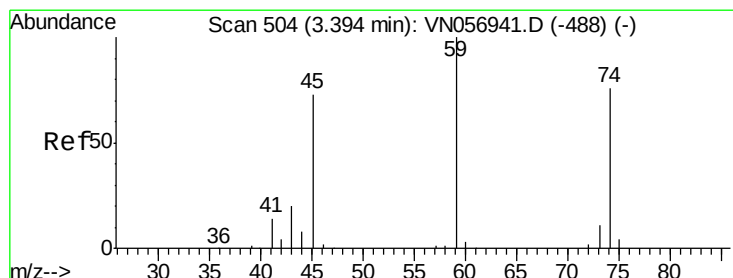
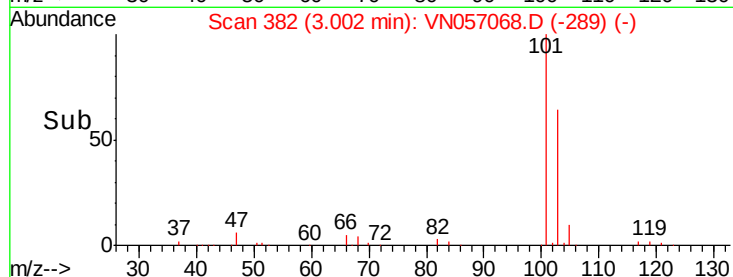
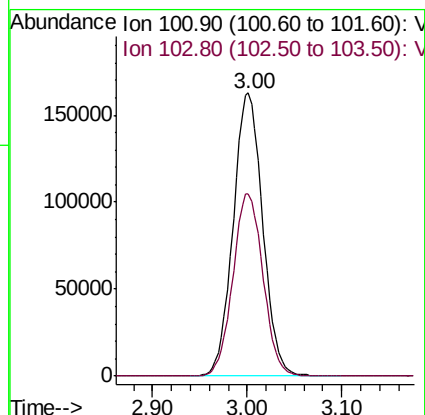
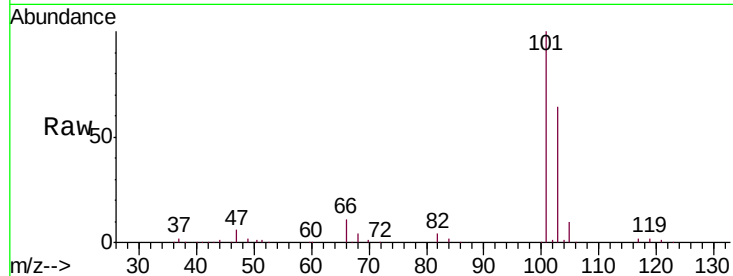


#7

Trichlorofluoromethane
 Concen: 50.858 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
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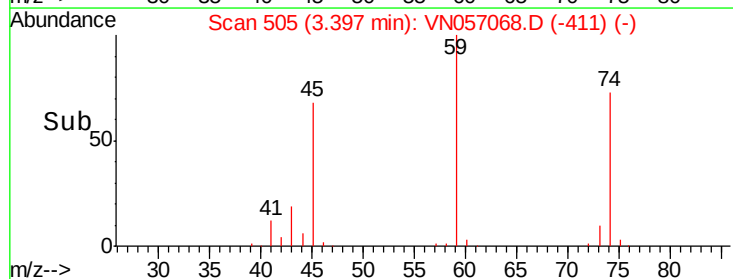
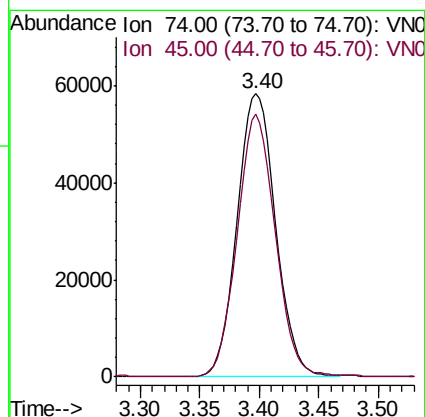
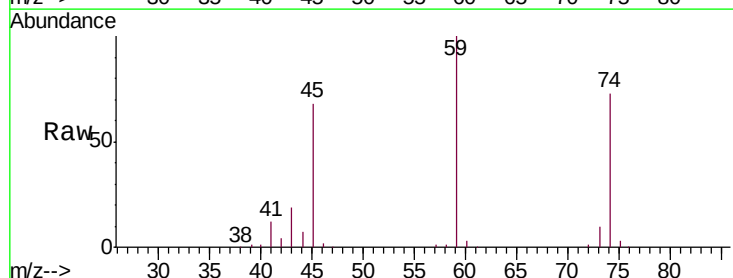
Tgt Ion: 101 Resp: 352934
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

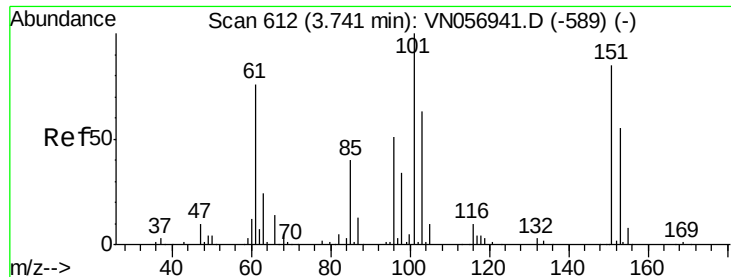


#8

Diethyl Ether
 Concen: 50.380 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 74 Resp: 130844
 Ion Ratio Lower Upper
 74 100
 45 92.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.894 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

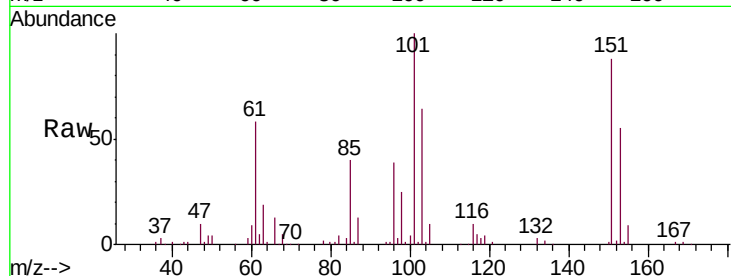
Tgt Ion:101 Resp: 214666

Ion Ratio Lower Upper

101 100

85 41.2 32.3 48.5

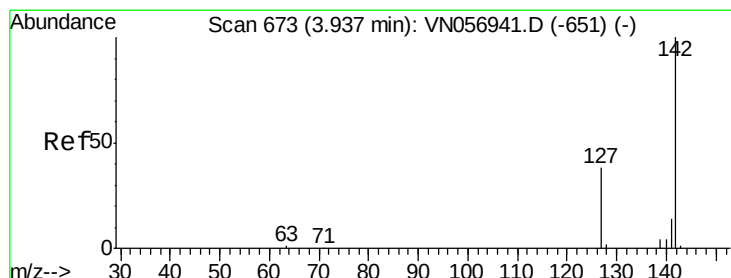
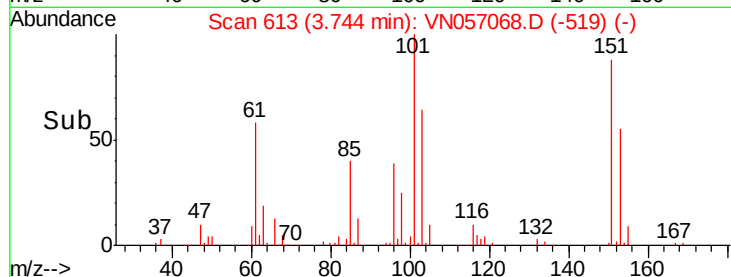
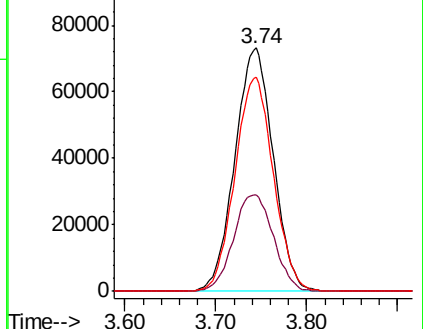
151 87.9 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.193 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

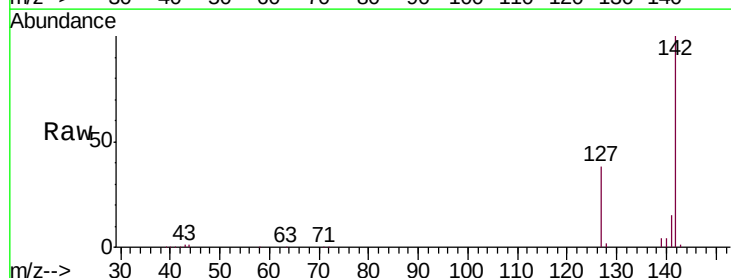
Tgt Ion:142 Resp: 231070

Ion Ratio Lower Upper

142 100

127 38.9 30.4 45.6

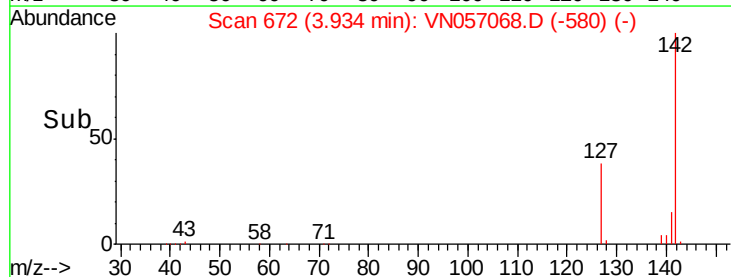
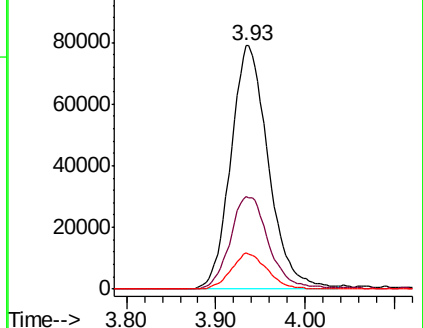
141 14.2 11.1 16.7

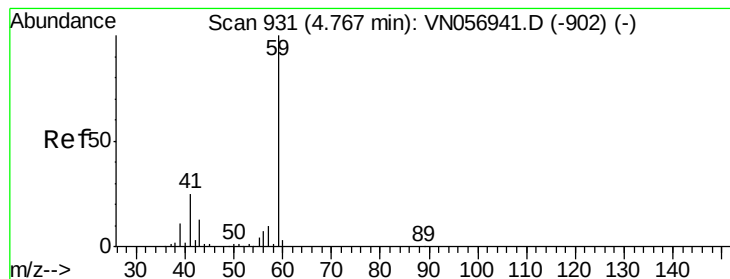


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



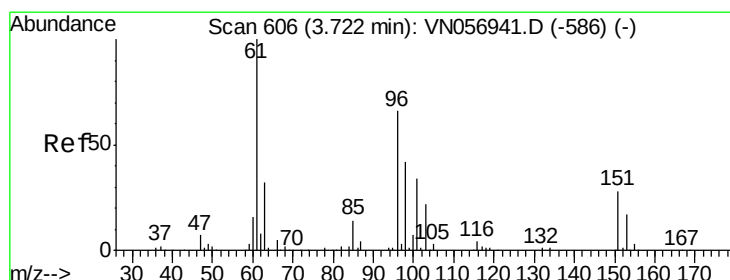
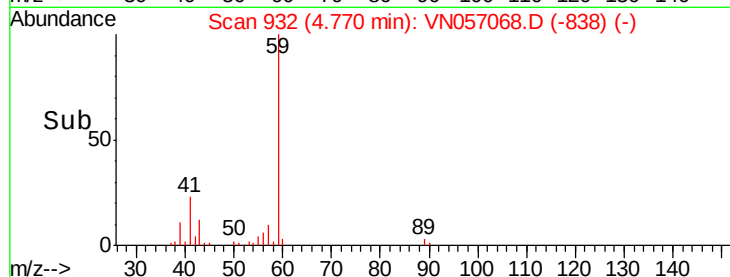
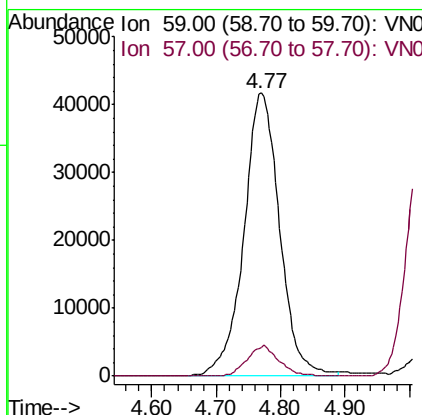
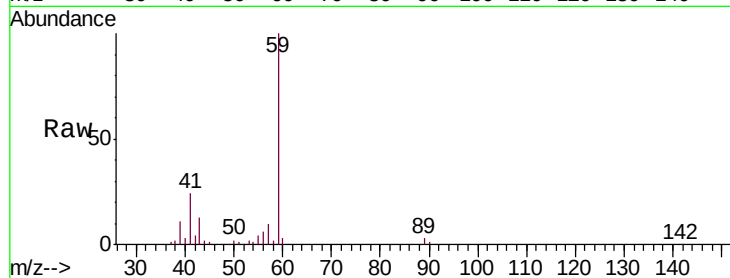


#11

Tert butyl alcohol
 Concen: 249.955 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

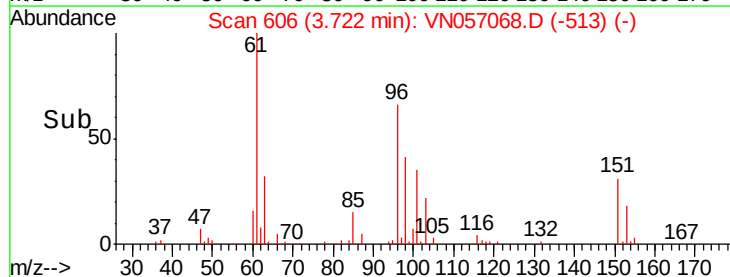
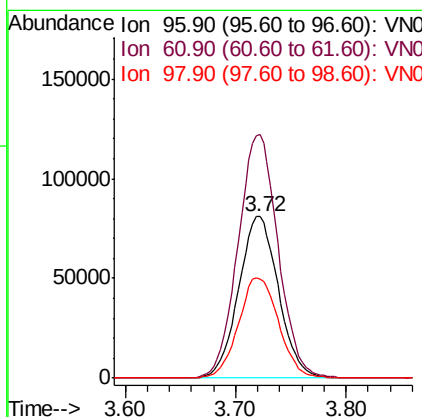
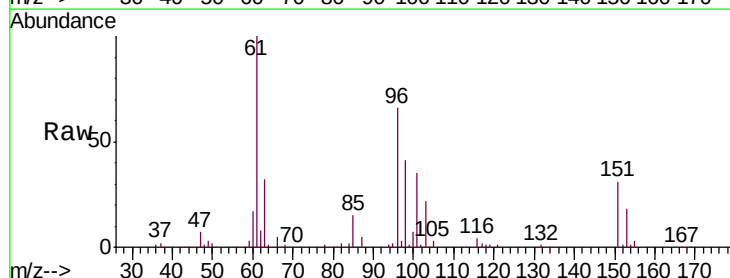
Tgt Ion: 59 Resp: 161523
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.5 11.3

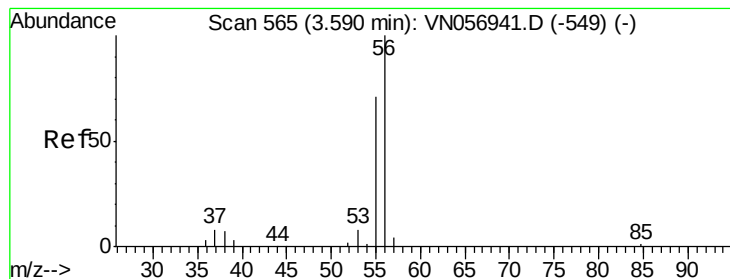


#12

1,1-Dichloroethene
 Concen: 49.329 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 96 Resp: 202505
 Ion Ratio Lower Upper
 96 100
 61 150.7 121.8 182.8
 98 61.3 51.7 77.5





#13

Acrolein

Concen: 199.131 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

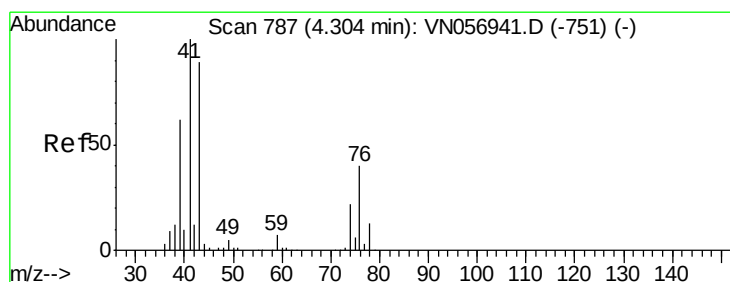
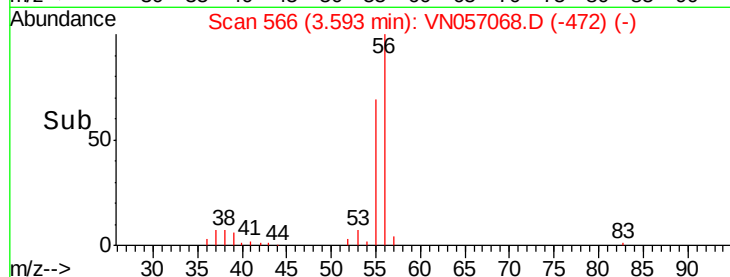
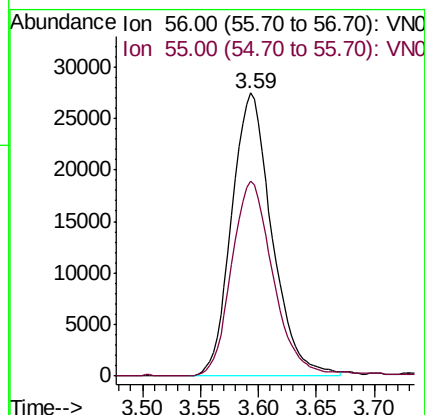
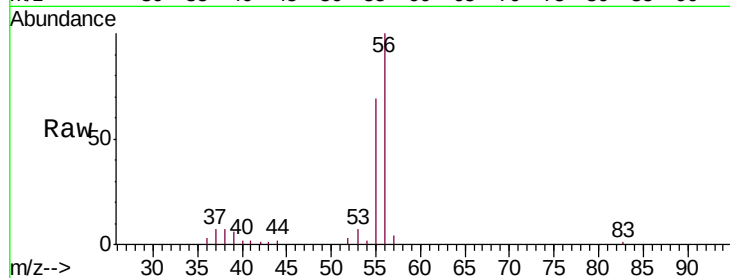
VSTDCCC050EC

Tgt Ion: 56 Resp: 66179

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.6



#14

Allyl chloride

Concen: 48.152 ug/l

RT: 4.30 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

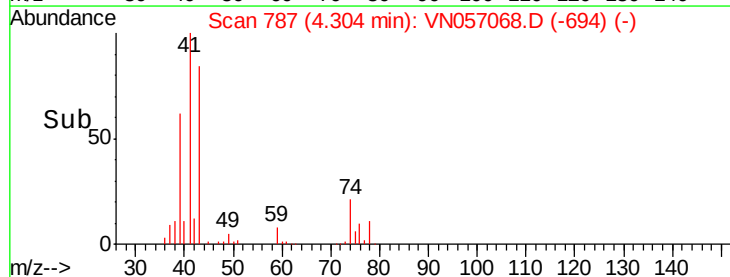
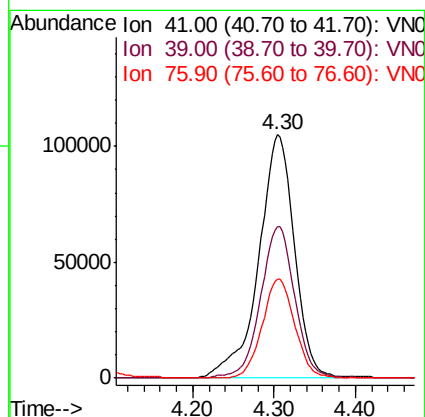
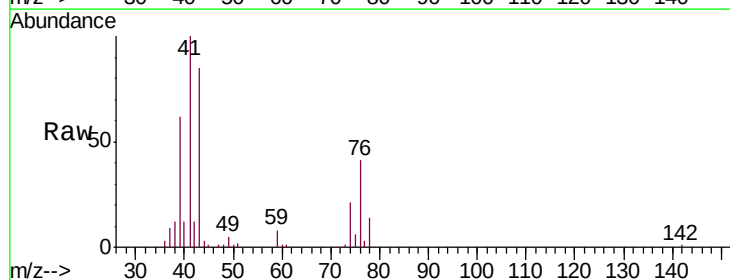
Tgt Ion: 41 Resp: 321549

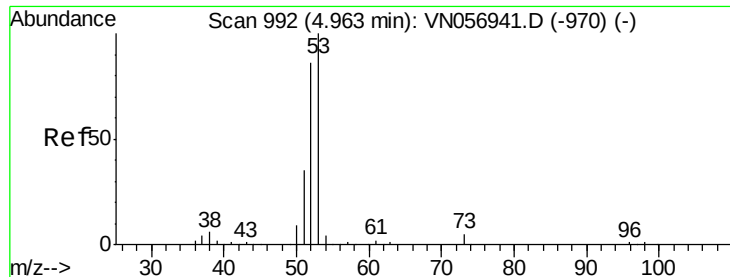
Ion Ratio Lower Upper

41 100

39 59.4 46.4 69.6

76 37.1 28.4 42.6





#15

Acrylonitrile

Concen: 249.276 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

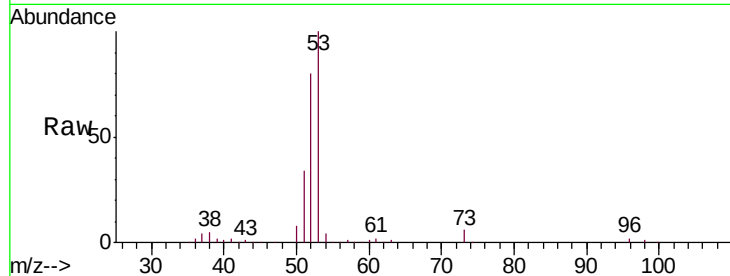
Tgt Ion: 53 Resp: 472388

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

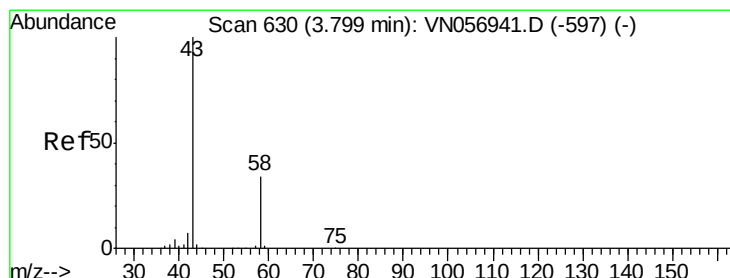
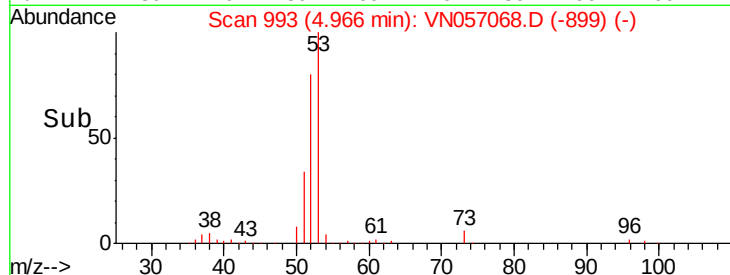
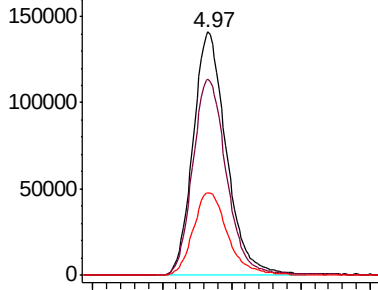
51 35.4 28.4 42.6



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: 257.970 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057068.D

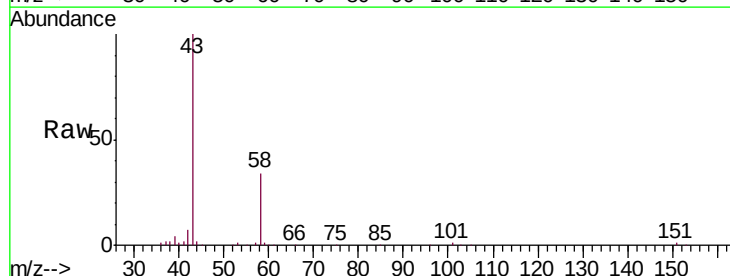
Acq: 2 Aug 2019 16:56

Tgt Ion: 43 Resp: 446797

Ion Ratio Lower Upper

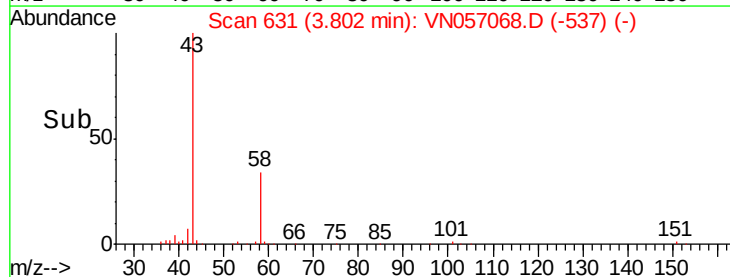
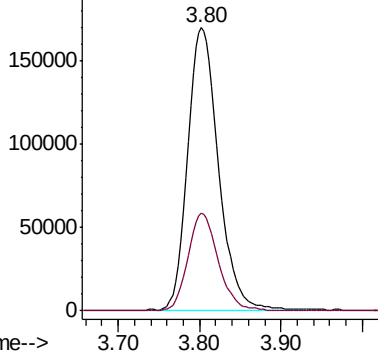
43 100

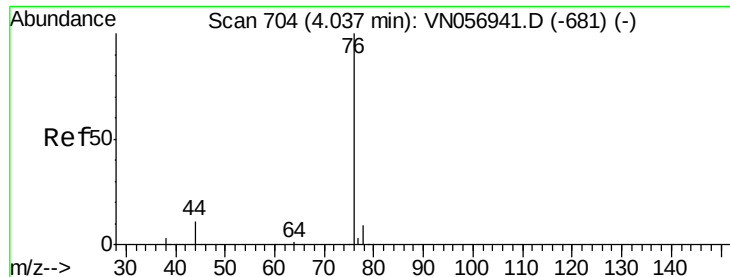
58 34.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.301 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

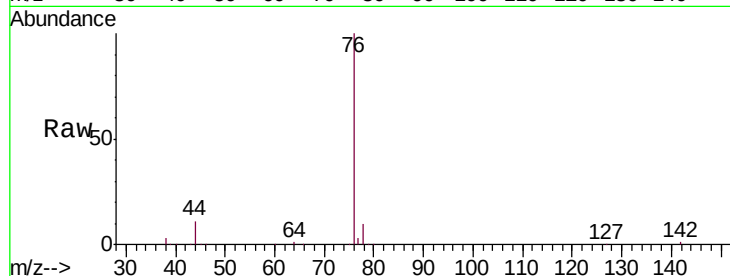
VSTDCCC050EC

Tgt Ion: 76 Resp: 483257

Ion Ratio Lower Upper

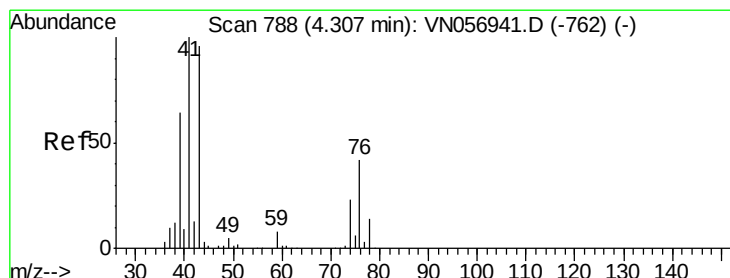
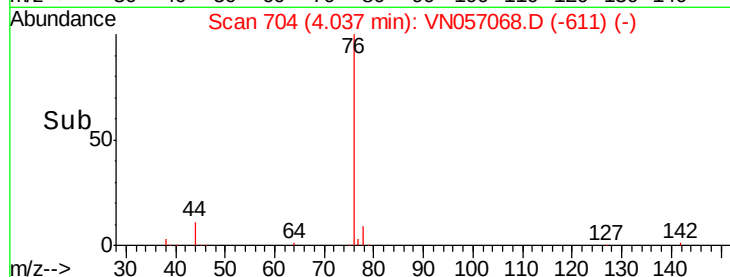
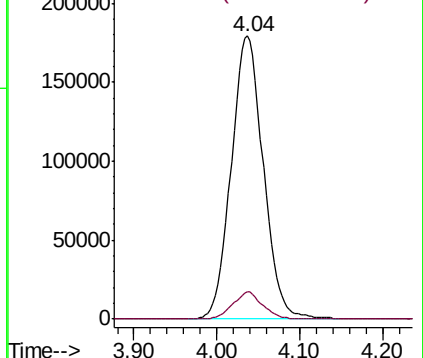
76 100

78 9.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 47.459 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN057068.D

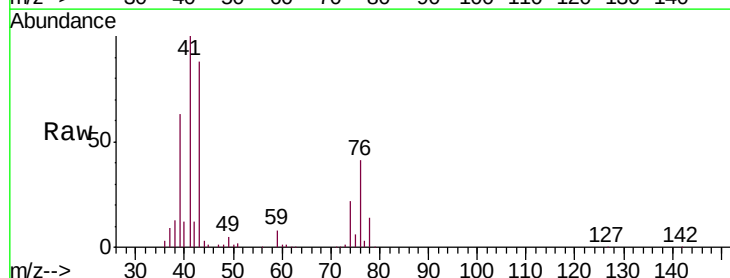
Acq: 2 Aug 2019 16:56

Tgt Ion: 43 Resp: 262215

Ion Ratio Lower Upper

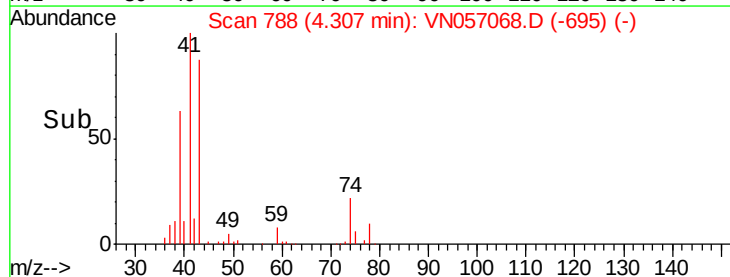
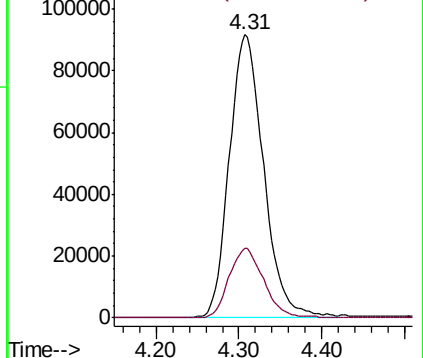
43 100

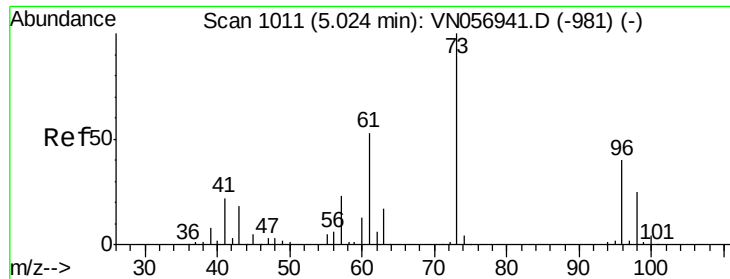
74 25.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

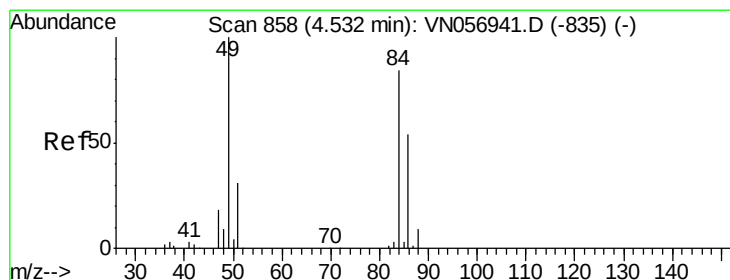
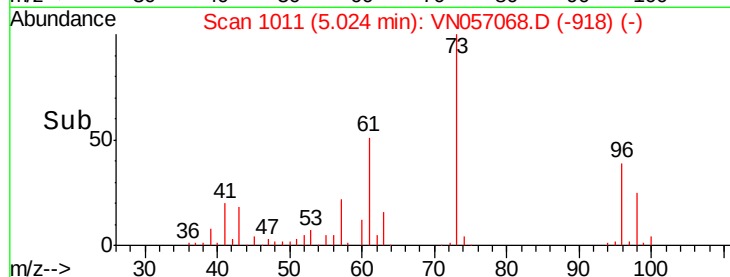
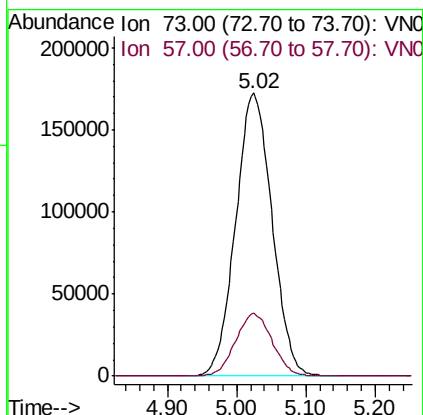
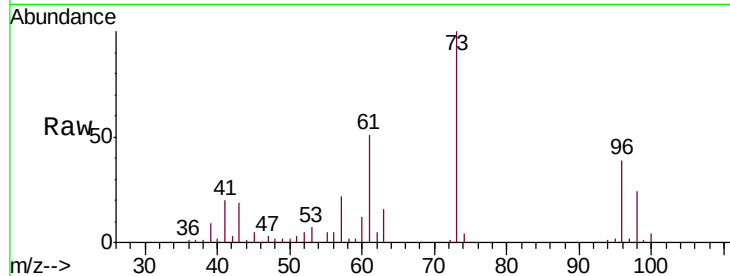




#19
Methyl tert-butyl Ether
Concen: 51.561 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

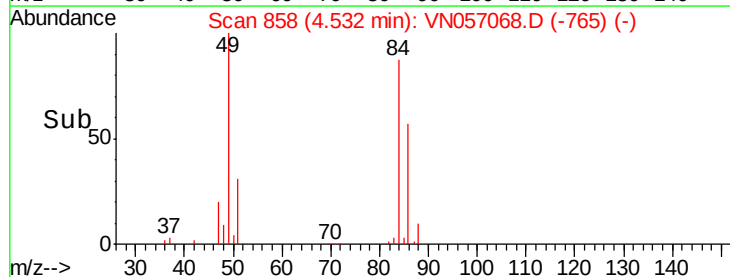
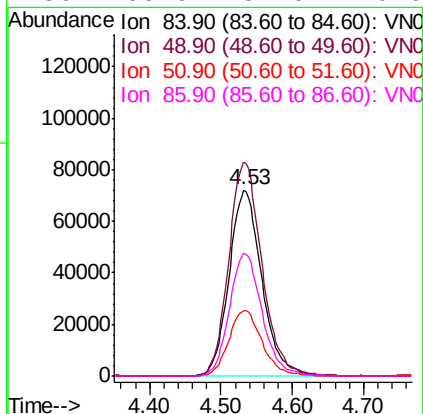
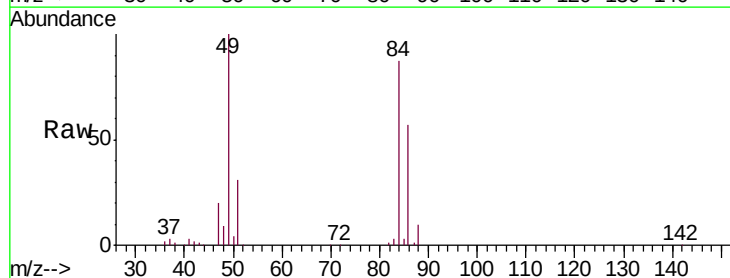
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

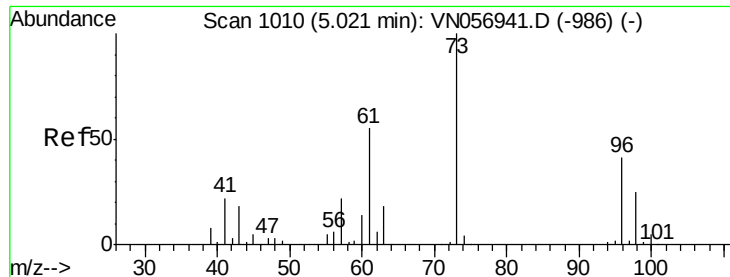
Tgt Ion: 73 Resp: 631145
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 46.200 ug/l
RT: 4.53 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 84 Resp: 230494
Ion Ratio Lower Upper
84 100
49 115.0 95.2 142.8
51 35.1 29.7 44.5
86 65.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.034 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

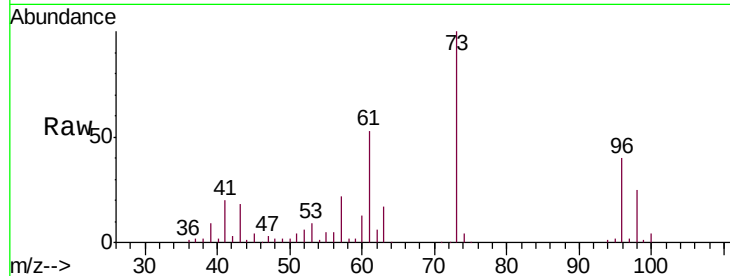
Tgt Ion: 96 Resp: 213783

Ion Ratio Lower Upper

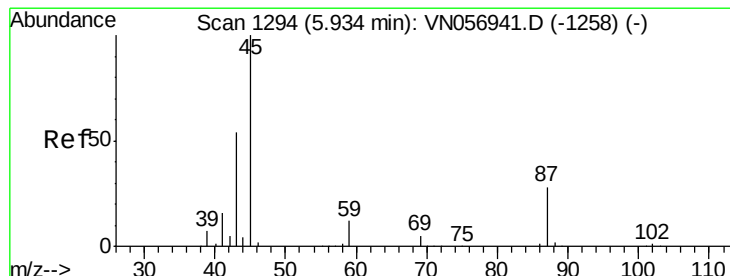
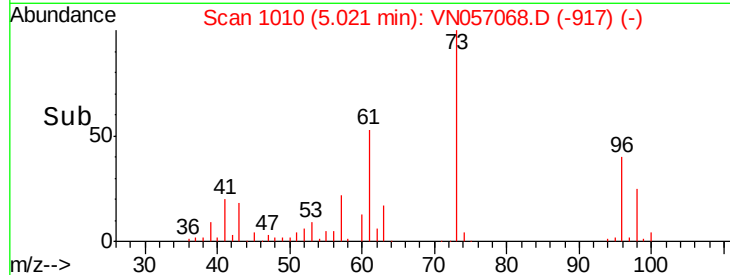
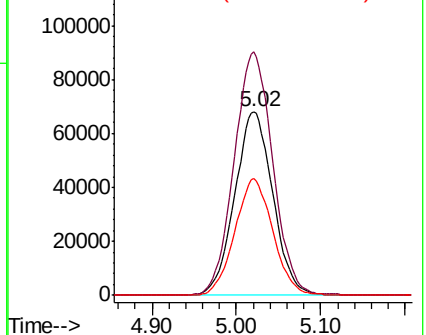
96 100

61 132.5 107.5 161.3

98 63.5 49.9 74.9



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: 49.088 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Tgt Ion: 45 Resp: 675393

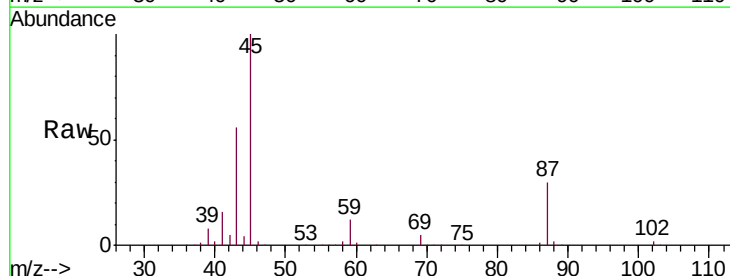
Ion Ratio Lower Upper

45 100

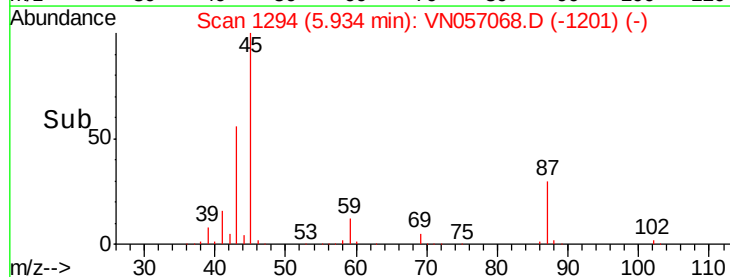
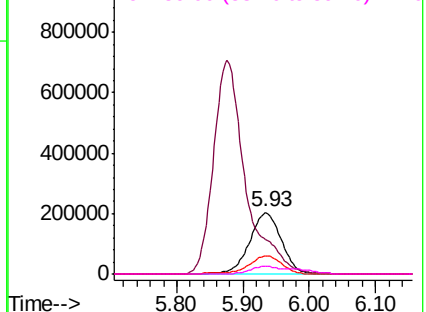
43 55.2 44.7 67.1

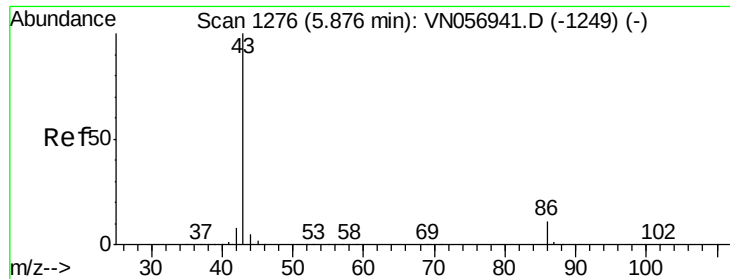
87 29.5 23.0 34.6

59 12.0 9.8 14.8



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: 249.810 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

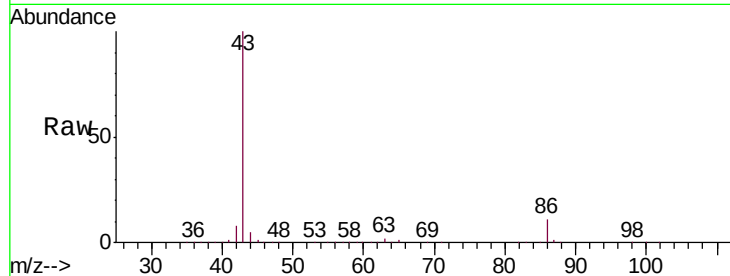
VSTDCCC050EC

Tgt Ion: 43 Resp: 2381434

Ion Ratio Lower Upper

43 100

86 11.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN056941.D (-1249) (-)

5.88

800000

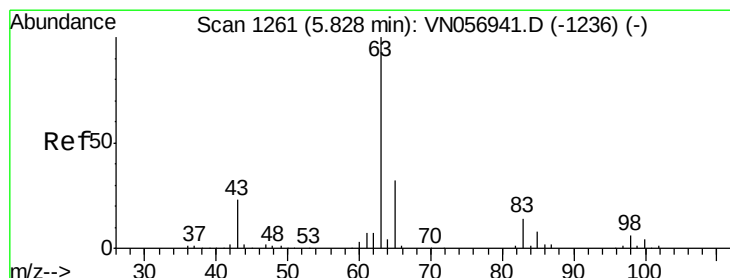
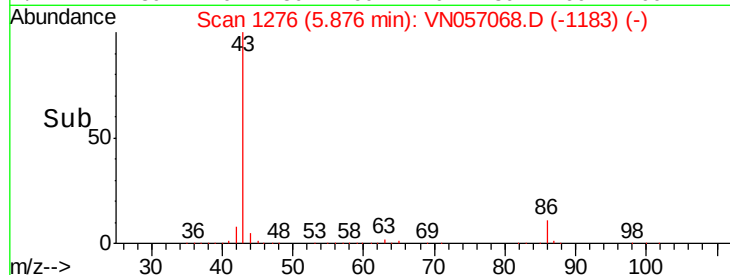
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.146 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

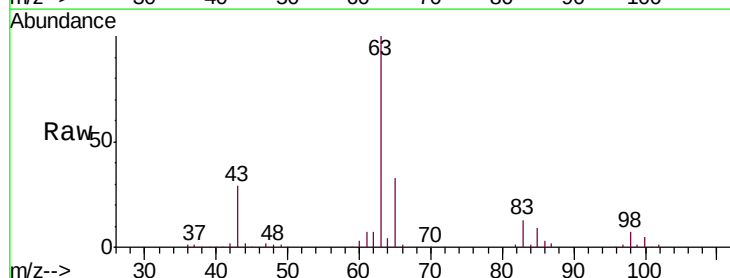
Tgt Ion: 63 Resp: 398955

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN056941.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN056941.D (-1236) (-)

5.83

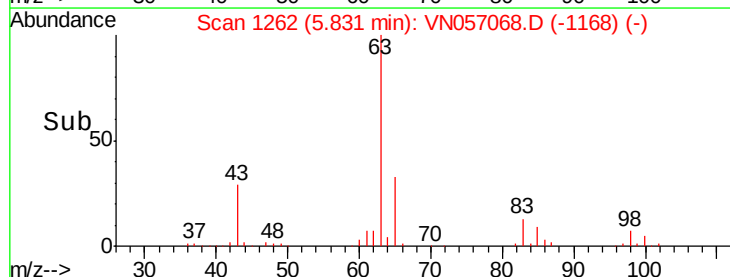
150000

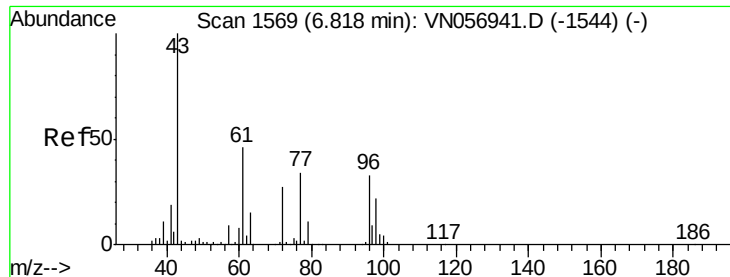
100000

50000

0

Time-->

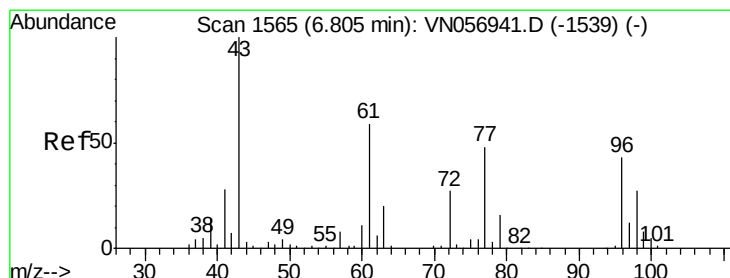
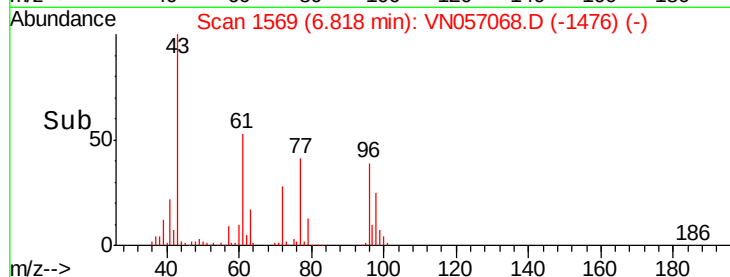
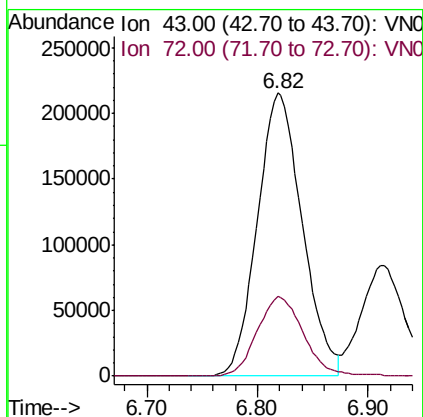
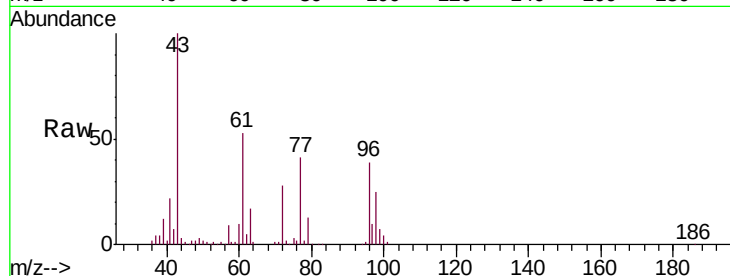




#25
2-Butanone
Concen: 246.845 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

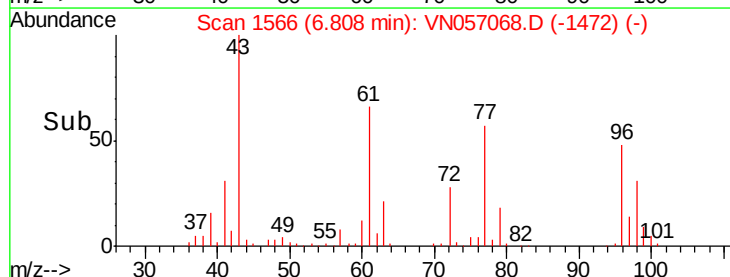
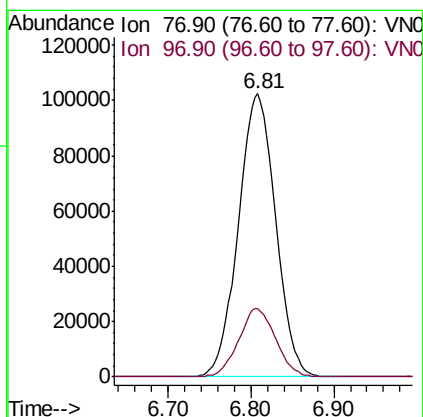
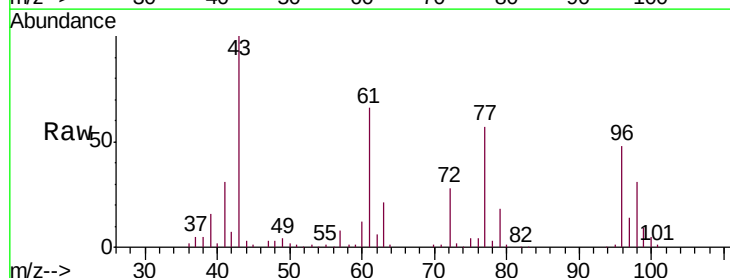
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

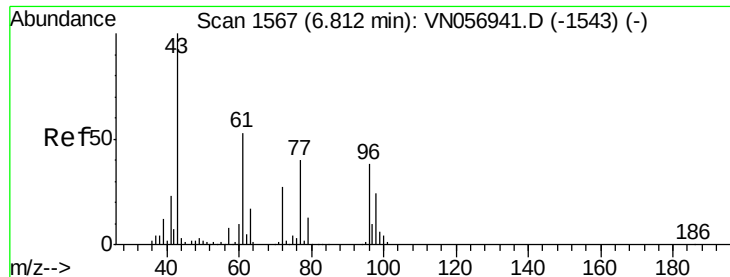
Tgt Ion: 43 Resp: 606236
Ion Ratio Lower Upper
43 100
72 28.0 21.5 32.3



#26
2,2-Dichloropropane
Concen: 51.812 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 77 Resp: 319812
Ion Ratio Lower Upper
77 100
97 23.9 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.471 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

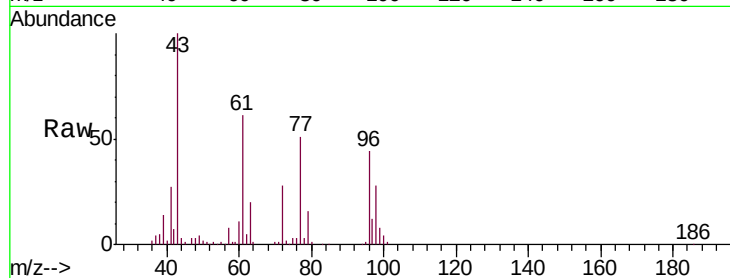
Tgt Ion: 96 Resp: 255106

Ion Ratio Lower Upper

96 100

61 137.9 0.0 277.2

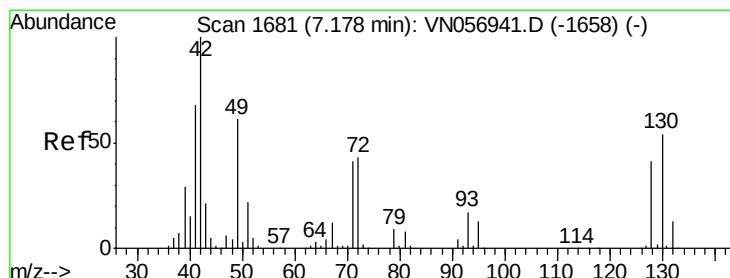
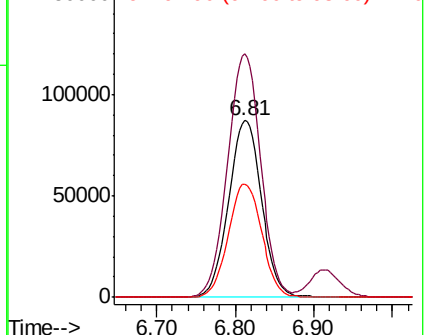
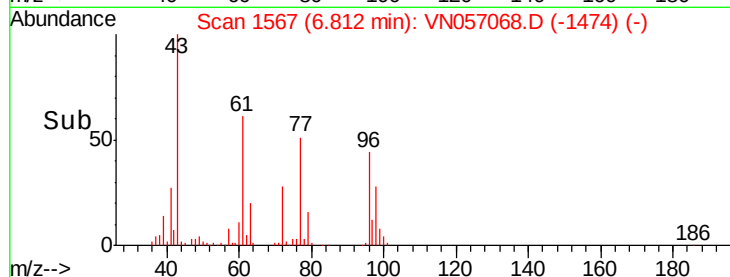
98 65.1 0.0 128.4



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



#28

Bromochloromethane

Concen: 49.753 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

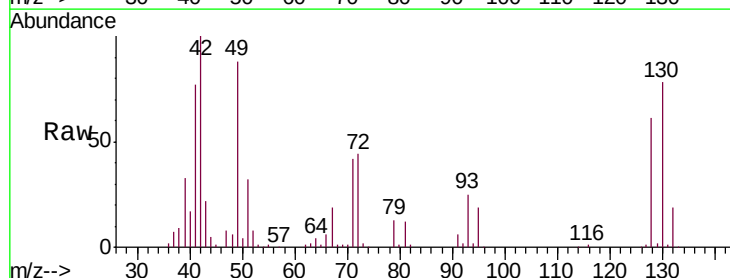
Tgt Ion: 49 Resp: 189845

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

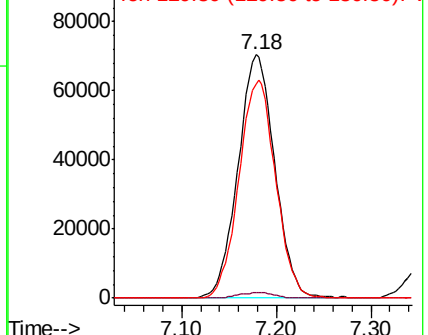
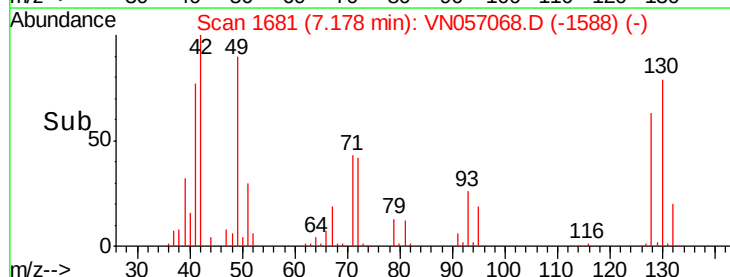
130 89.4 69.0 103.4

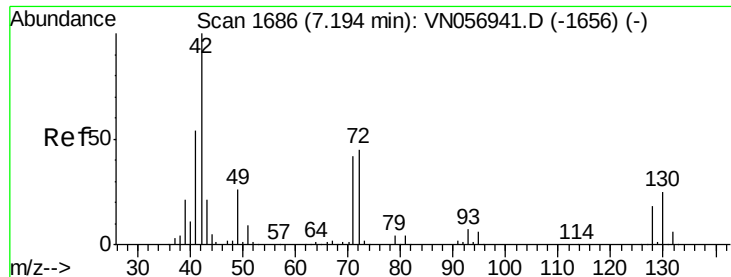


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

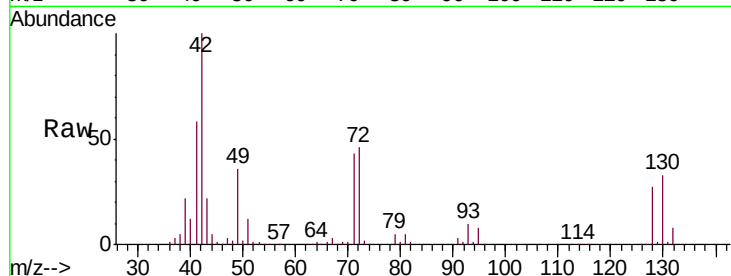




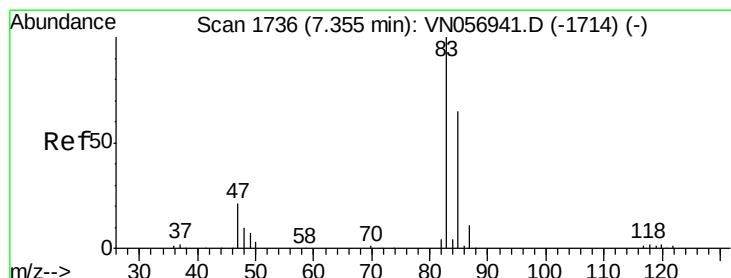
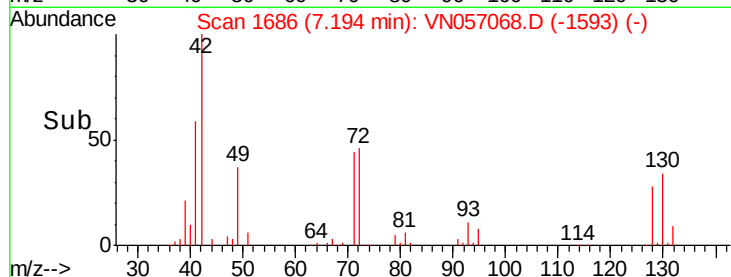
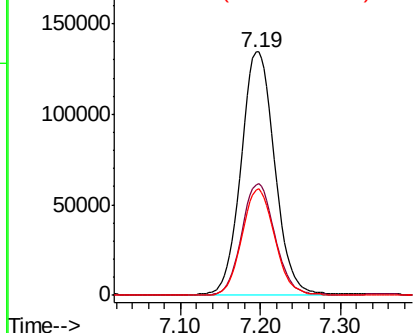
#29
Tetrahydrofuran
Concen: 238.837 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 382705
Ion Ratio Lower Upper
42 100
72 45.4 35.6 53.4
71 42.5 33.5 50.3

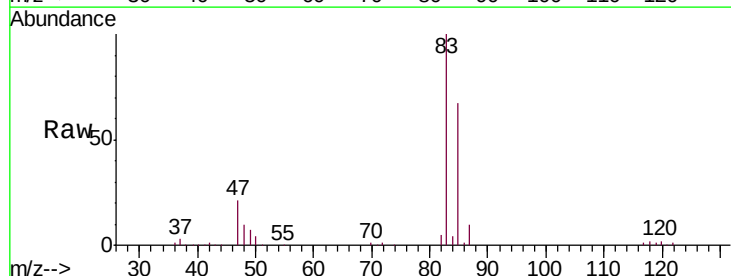


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

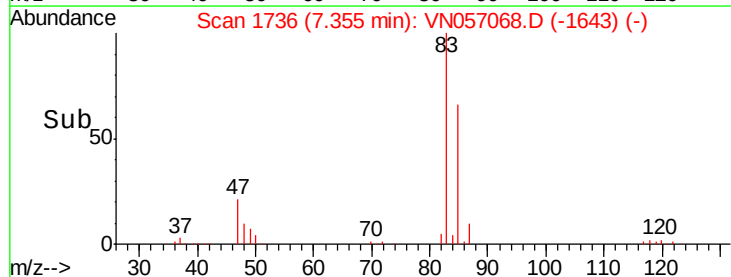
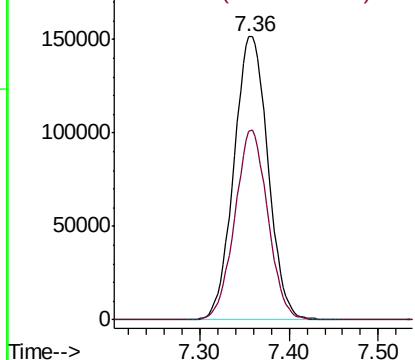


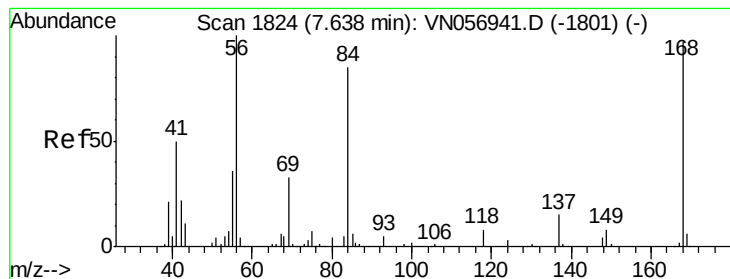
#30
Chloroform
Concen: 48.444 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 83 Resp: 402084
Ion Ratio Lower Upper
83 100
85 66.5 52.2 78.2



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





#31

Cyclohexane

Concen: 45.271 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

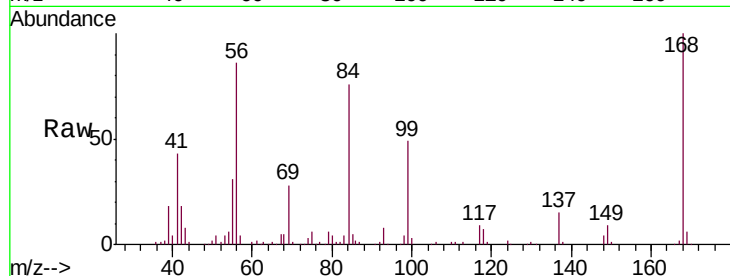
Tgt Ion: 56 Resp: 355628

Ion Ratio Lower Upper

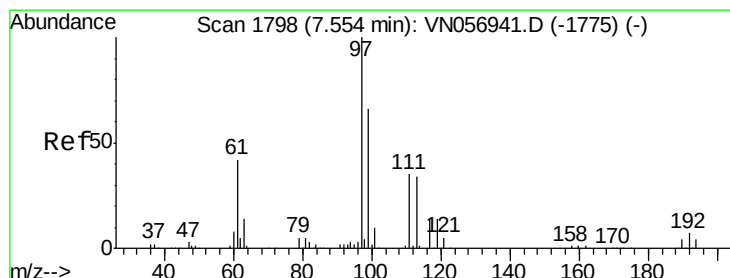
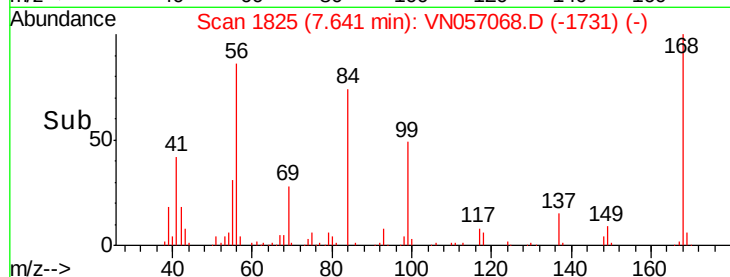
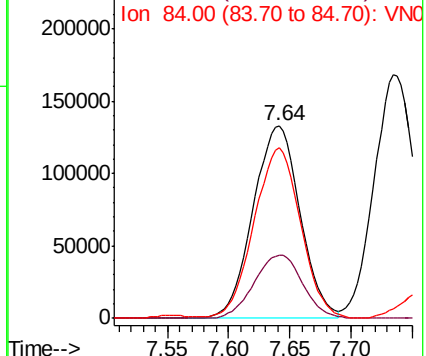
56 100

69 32.6 26.2 39.2

84 87.3 68.2 102.2



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



#32

1,1,1-Trichloroethane

Concen: 51.758 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

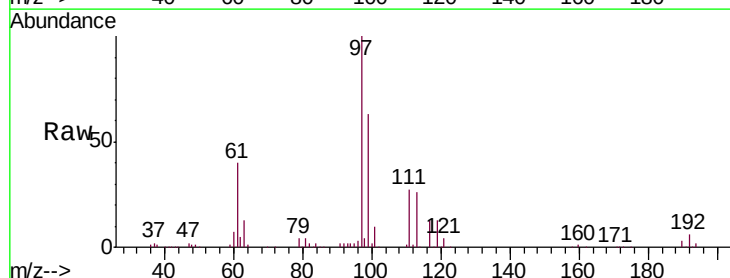
Tgt Ion: 97 Resp: 342768

Ion Ratio Lower Upper

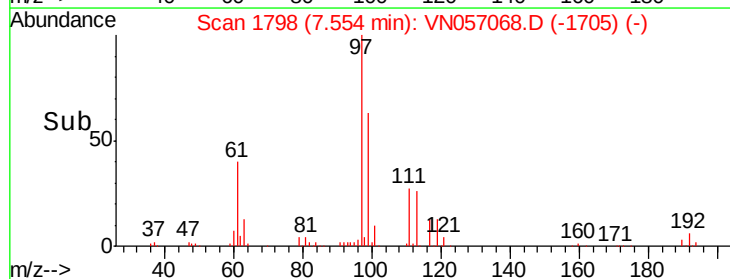
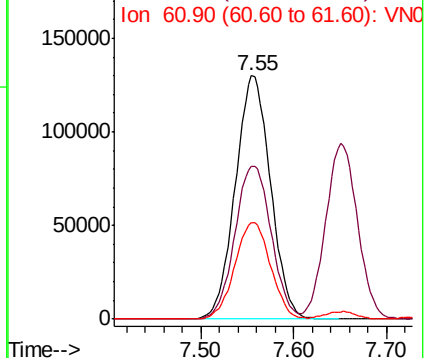
97 100

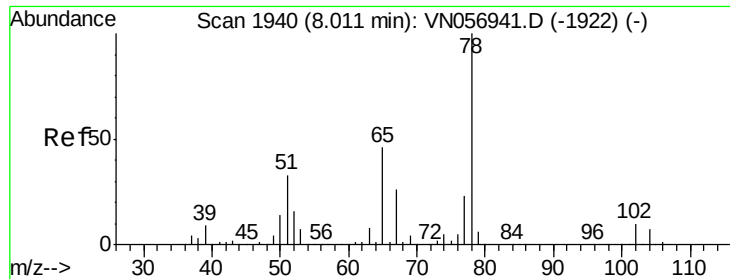
99 64.9 52.3 78.5

61 40.3 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

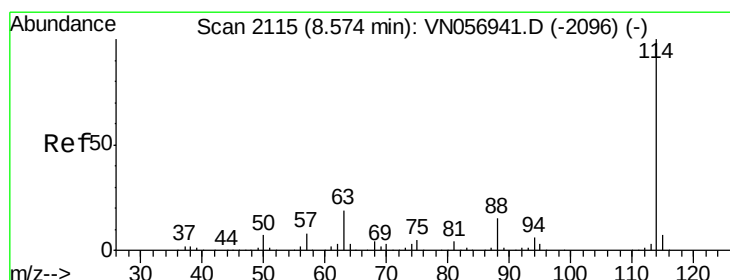
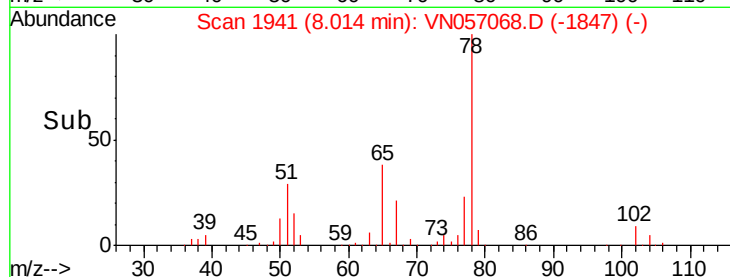
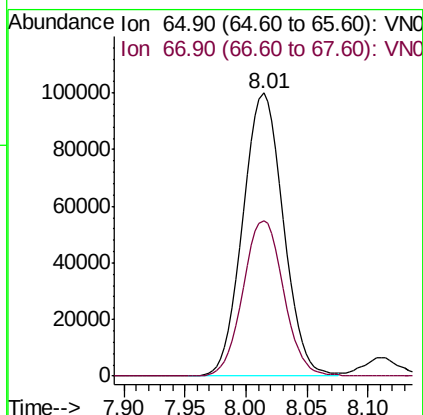
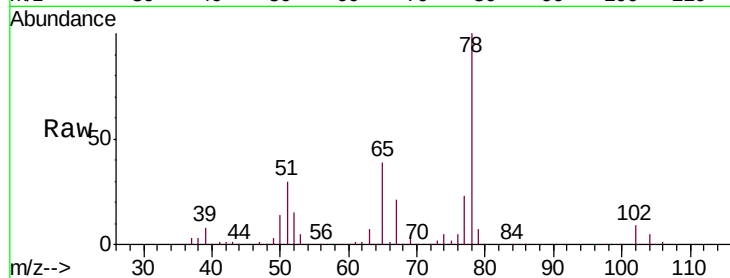




#33
 1,2-Dichloroethane-d4
 Concen: 48.110 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

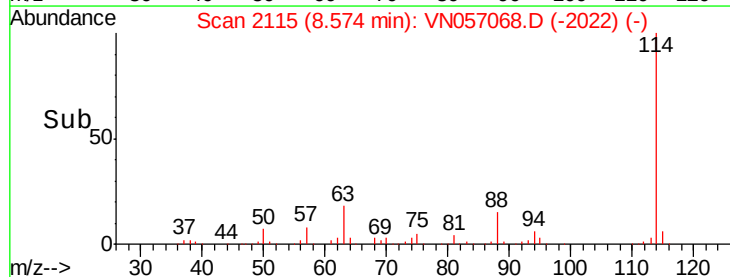
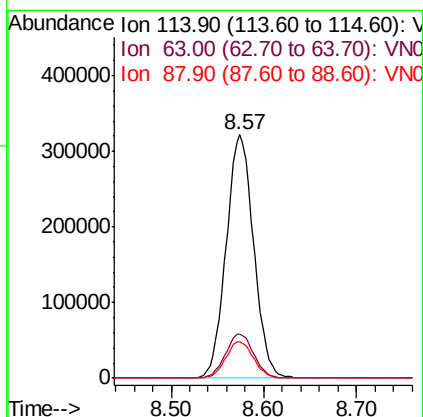
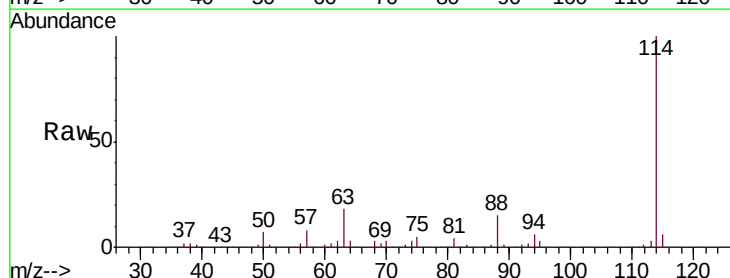
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

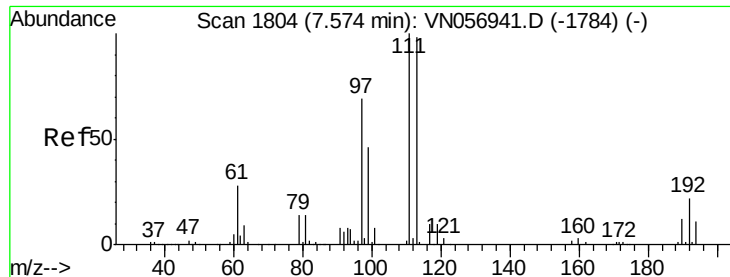
Tgt Ion: 65 Resp: 230003
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 114 Resp: 662455
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.0
 88 15.0 0.0 30.0

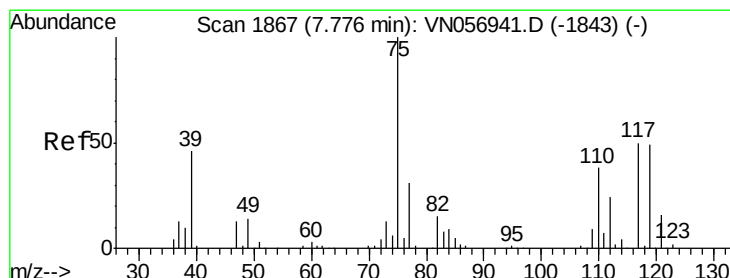
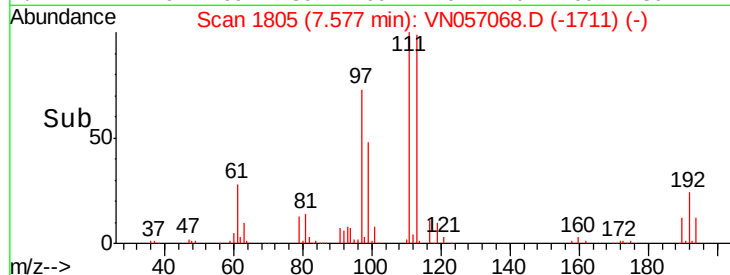
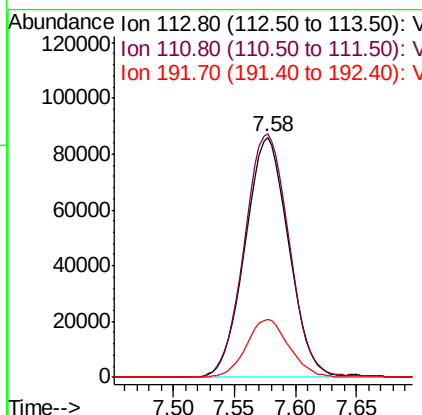
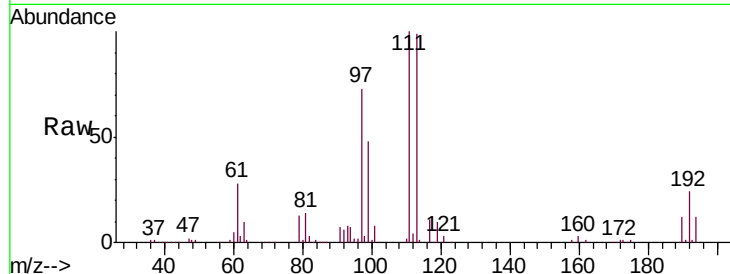




#35
 Dibromofluoromethane
 Concen: 50.144 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

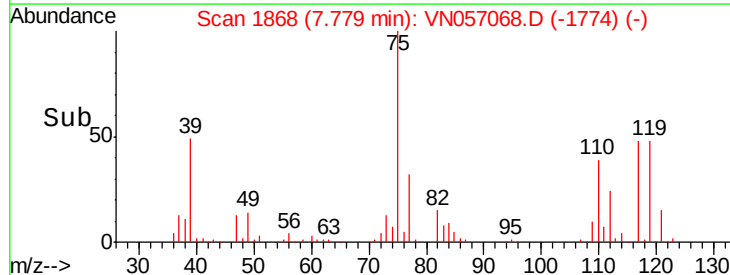
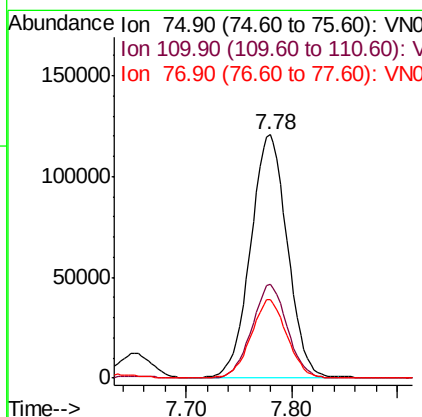
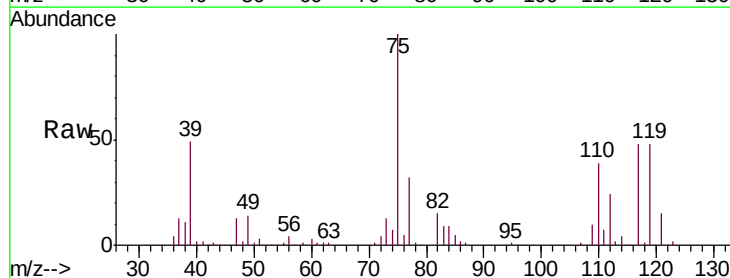
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

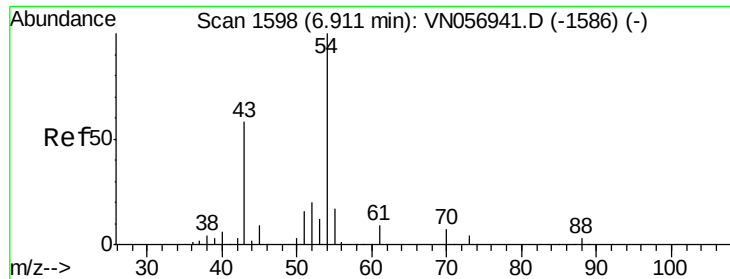
Tgt Ion: 113 Resp: 212650
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.0 123.0
 192 23.7 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 50.088 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 75 Resp: 291972
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.6 55.8
 77 31.8 25.2 37.8

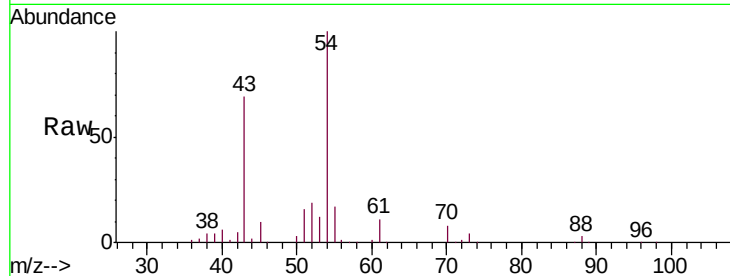




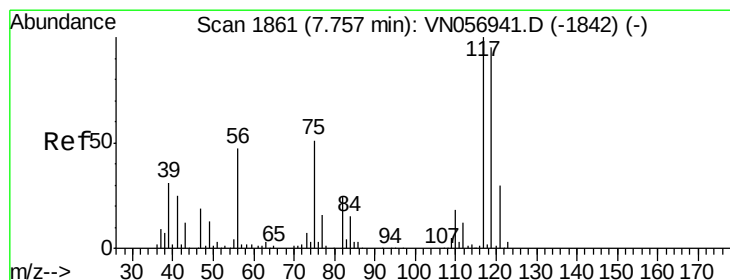
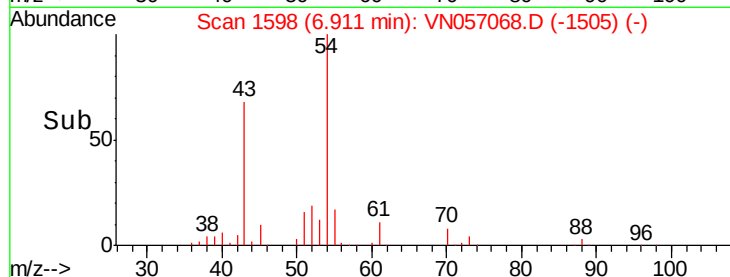
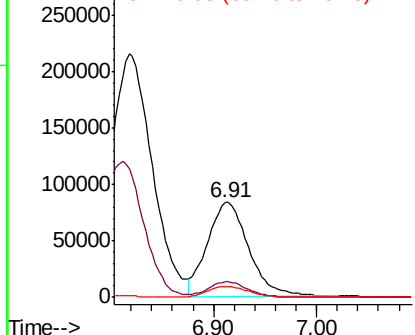
#37
Ethyl Acetate
Concen: 49.869 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 232821
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 11.8 8.5 12.7

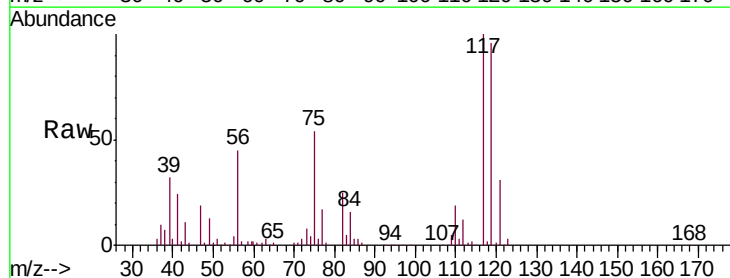


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

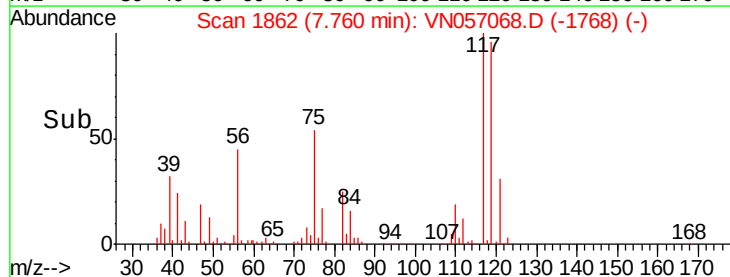
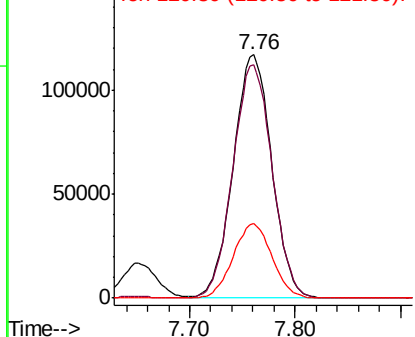


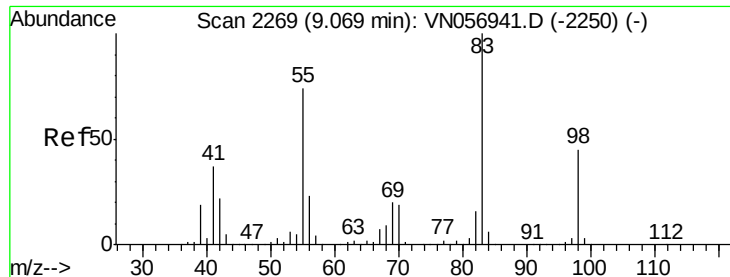
#38
Carbon Tetrachloride
Concen: 53.962 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 117 Resp: 297537
Ion Ratio Lower Upper
117 100
119 95.9 75.3 112.9
121 30.7 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

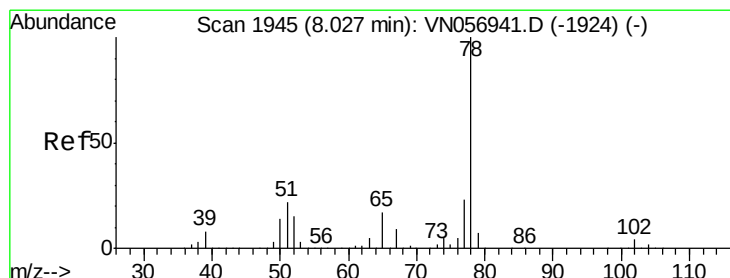
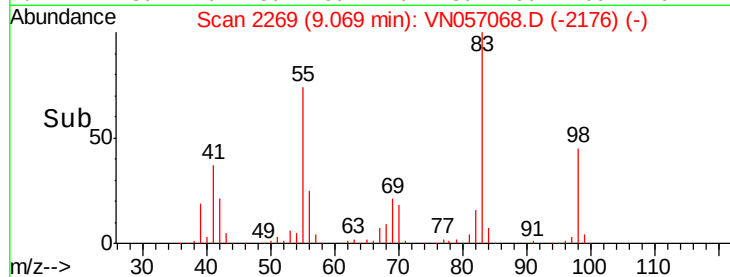
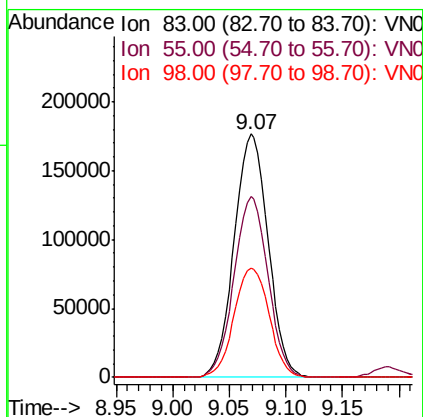
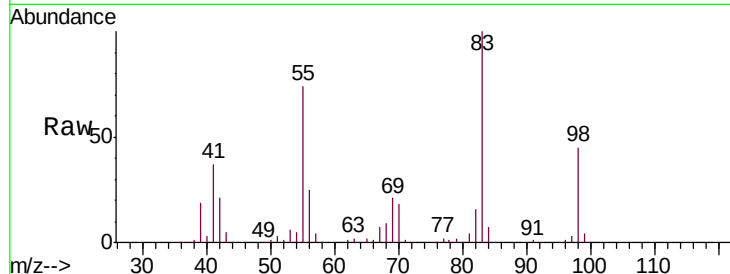




#39
Methylcyclohexane
Concen: 49.734 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

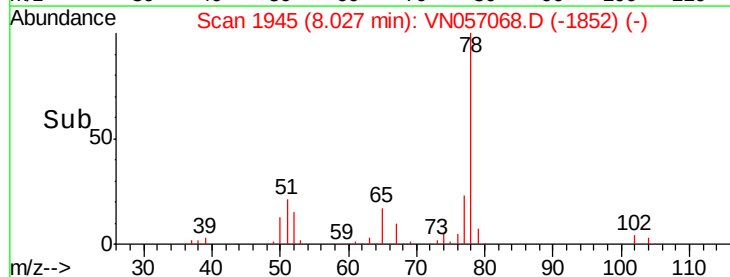
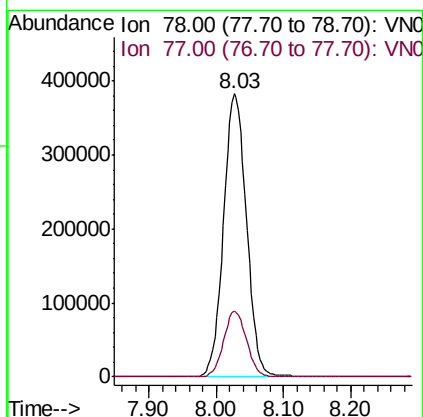
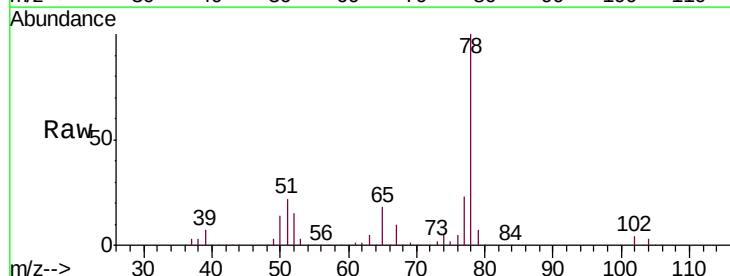
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

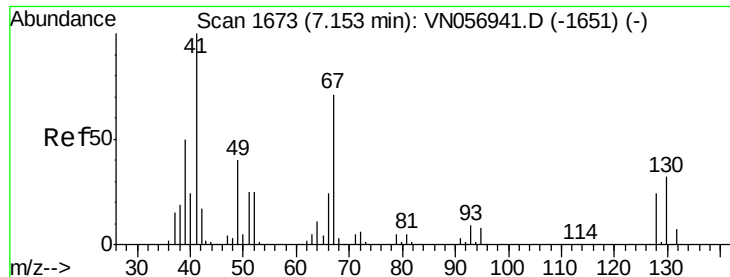
Tgt Ion: 83 Resp: 370527
Ion Ratio Lower Upper
83 100
55 74.3 59.0 88.6
98 44.9 36.2 54.4



#40
Benzene
Concen: 50.586 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 78 Resp: 908218
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

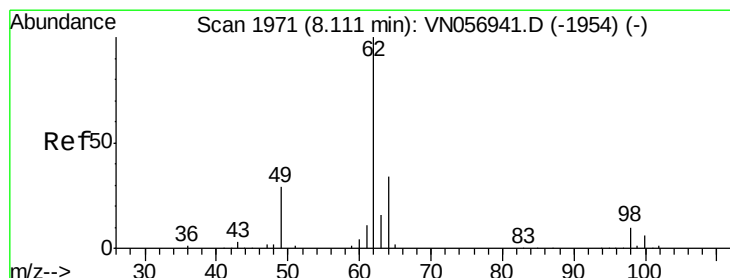
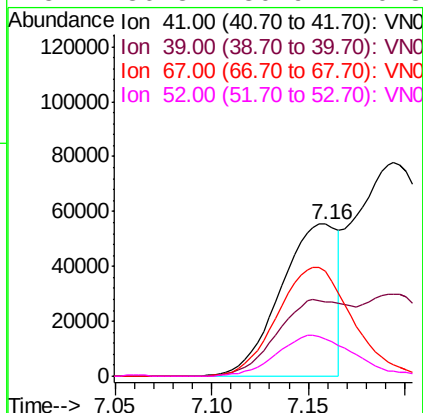
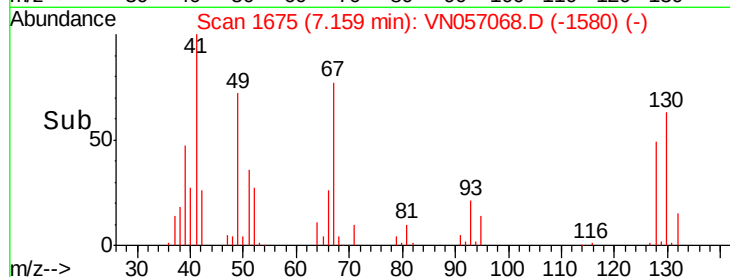
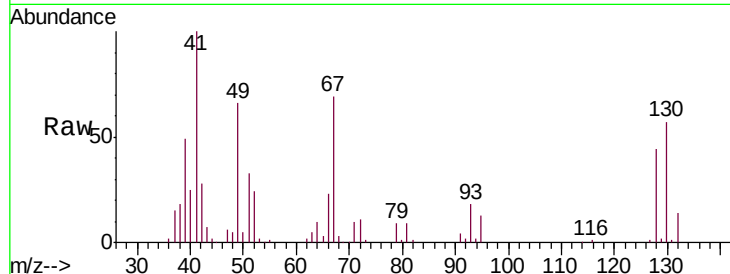




#41
Methacrylonitrile
Concen: 52.876 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

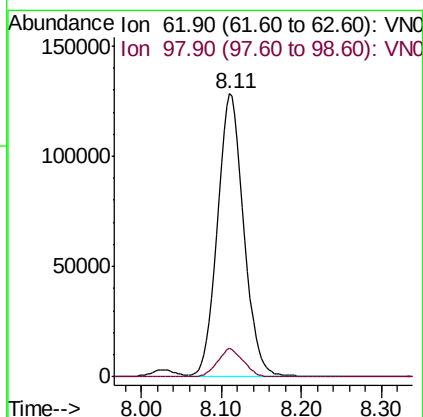
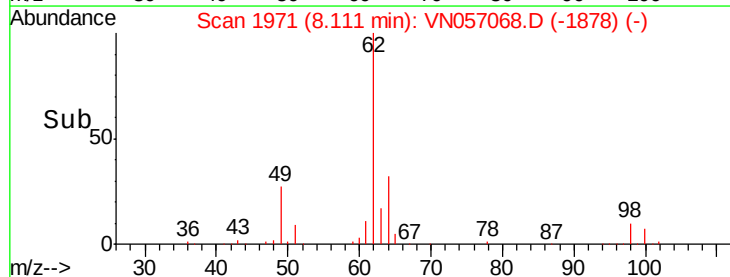
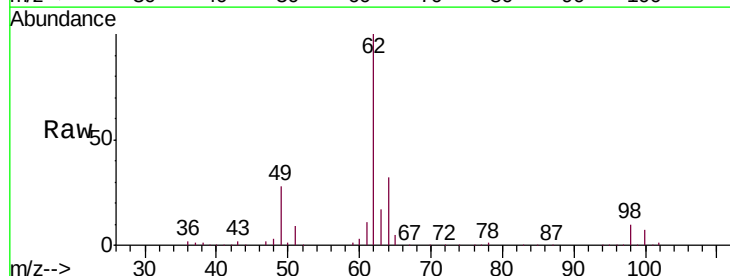
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

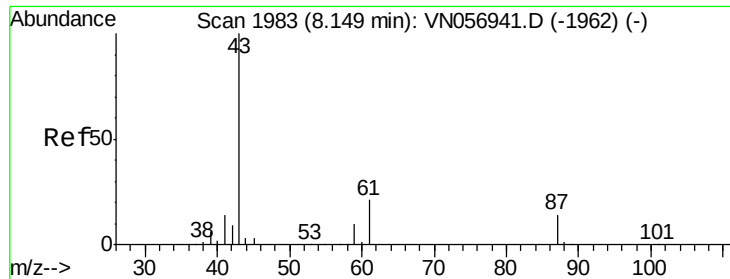
Tgt Ion:	41	Resp:	114121
Ion	Ratio	Lower	Upper
41	100		
39	65.3	48.9	73.3
67	94.4	83.4	125.0
52	36.3	30.9	46.3



#42
1,2-Dichloroethane
Concen: 51.661 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion:	62	Resp:	290694
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.6

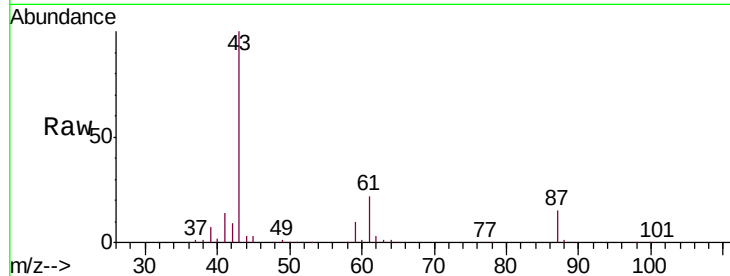




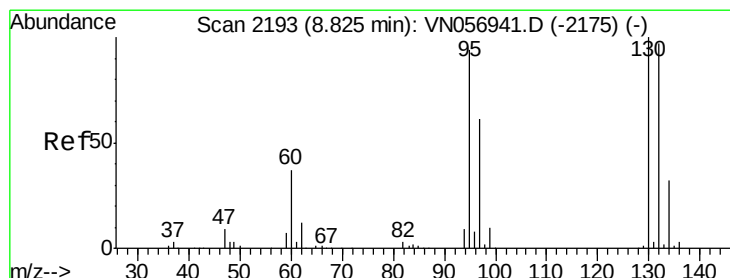
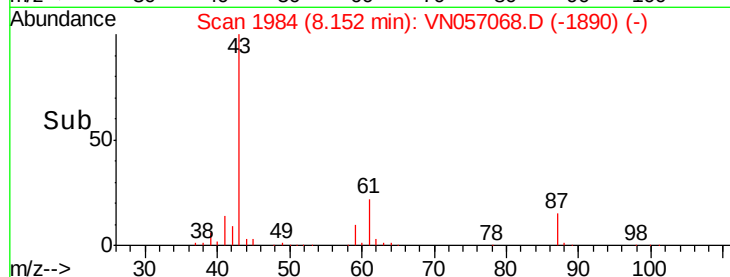
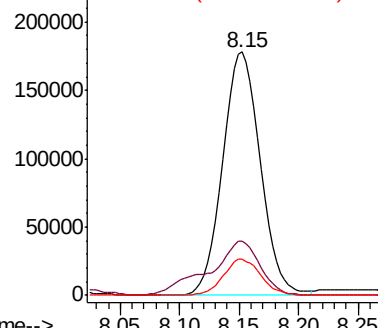
#43
Isopropyl Acetate
Concen: 50.535 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 389948
Ion Ratio Lower Upper
43 100
61 30.0 23.0 34.6
87 14.8 11.7 17.5

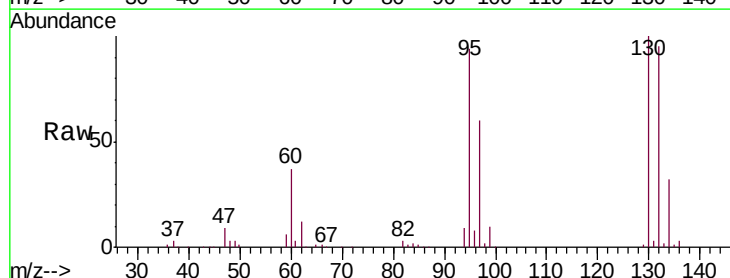


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

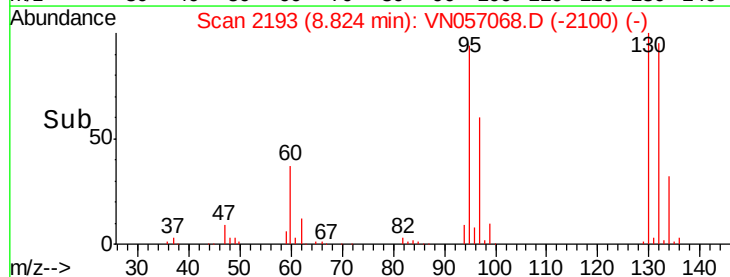
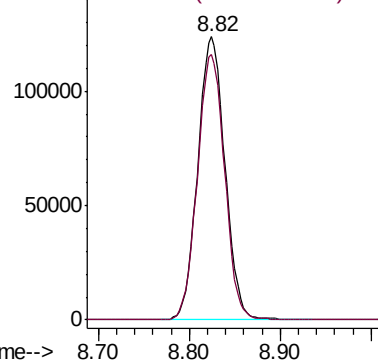


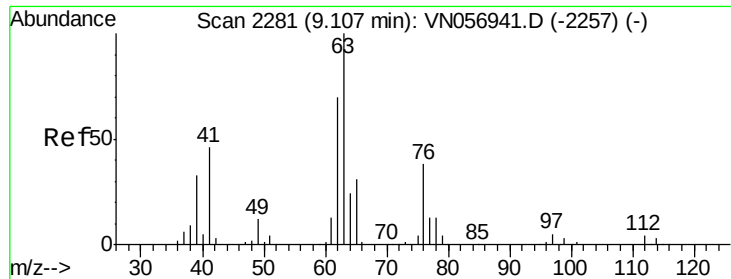
#44
Trichloroethene
Concen: 52.001 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 130 Resp: 257213
Ion Ratio Lower Upper
130 100
95 93.6 0.0 189.0



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

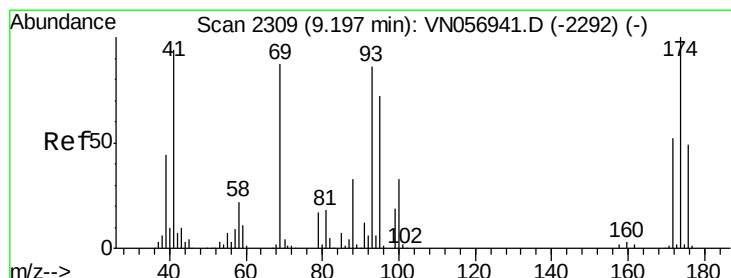
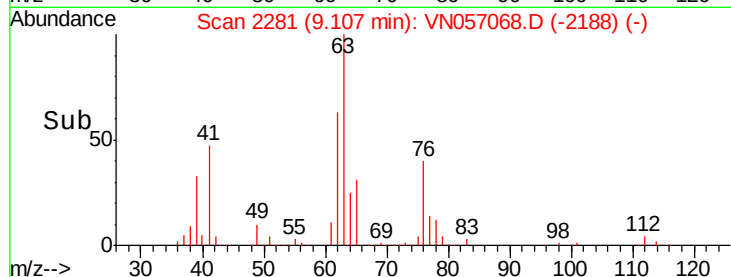
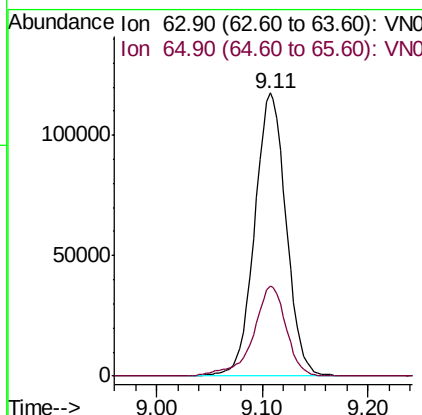
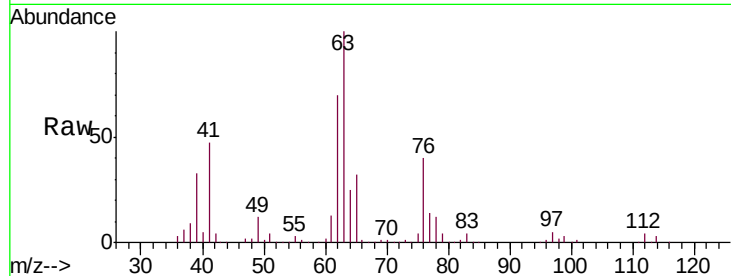




#45
 1,2-Dichloropropane
 Concen: 50.815 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

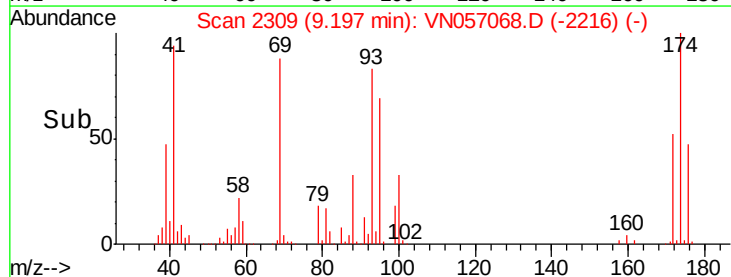
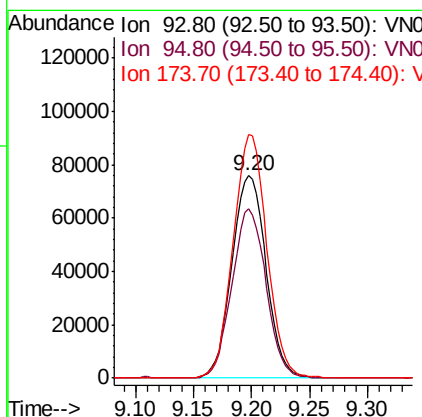
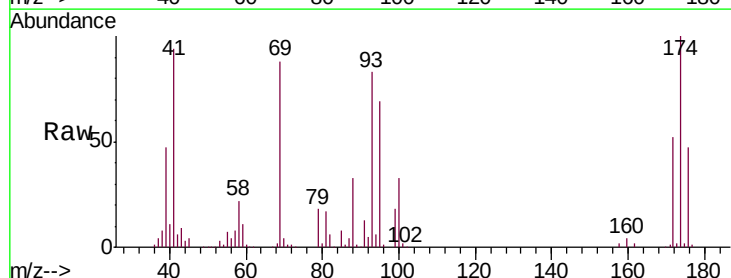
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

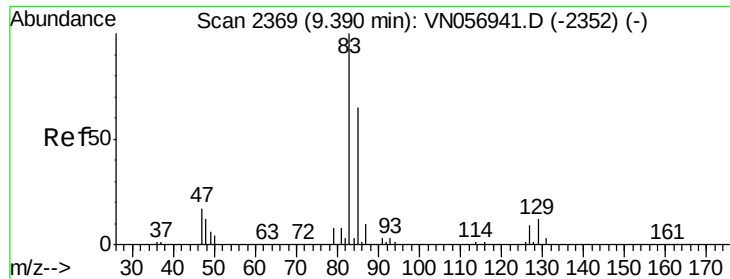
Tgt Ion: 63 Resp: 244025
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#46
 Dibromomethane
 Concen: 53.767 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 93 Resp: 155714
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.6
 174 118.0 92.7 139.1

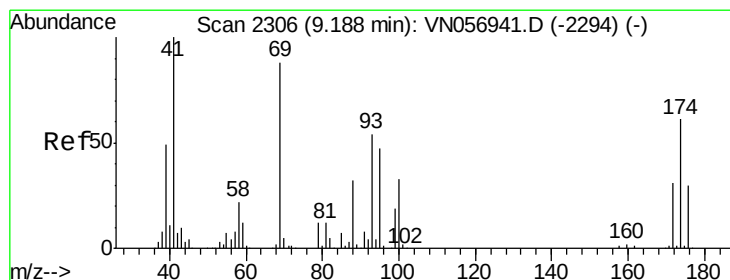
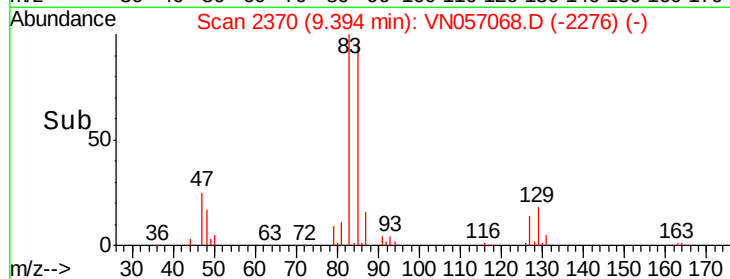
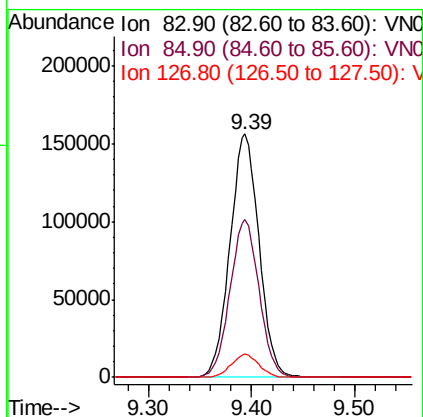
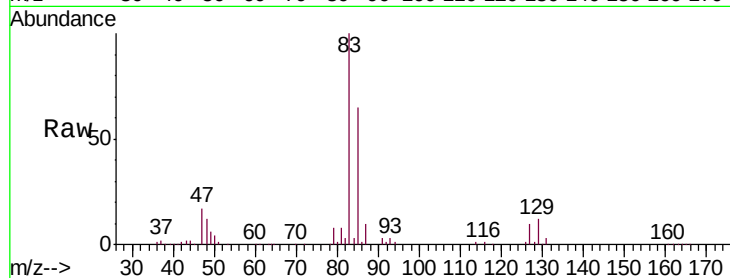




#47
Bromodichloromethane
Concen: 53.918 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

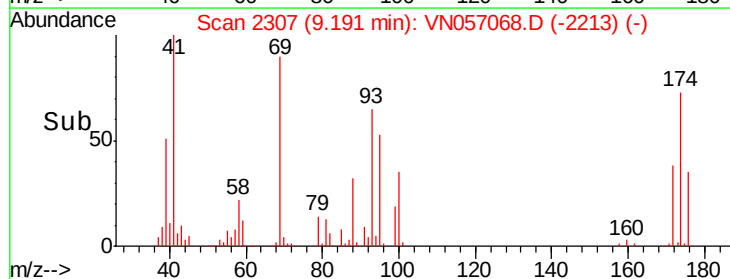
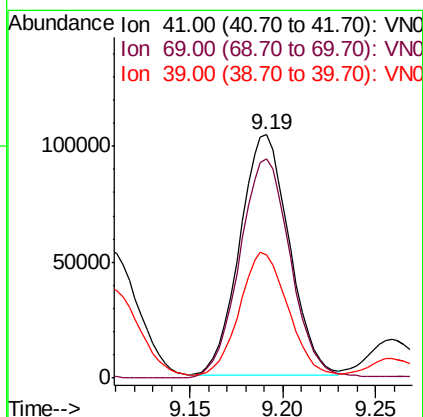
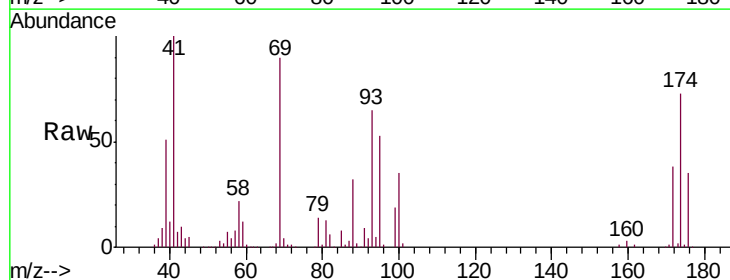
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

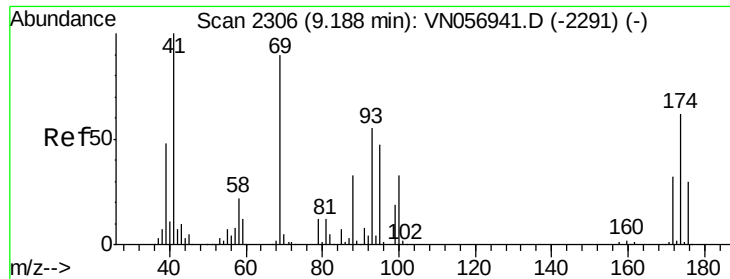
Tgt Ion: 83 Resp: 307016
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4
127 9.6 7.3 10.9



#48
Methyl methacrylate
Concen: 51.701 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 41 Resp: 192610
Ion Ratio Lower Upper
41 100
69 94.2 73.4 110.0
39 51.8 39.9 59.9





#49

1,4-Dioxane

Concen: 997.601 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

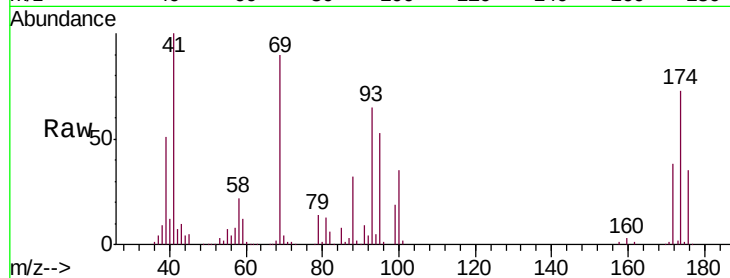
Tgt Ion: 88 Resp: 76590

Ion Ratio Lower Upper

88 100

43 27.1 22.2 33.2

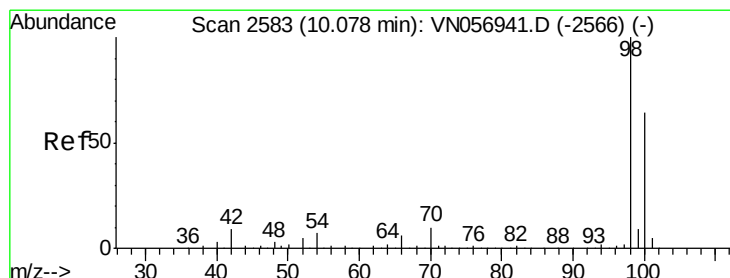
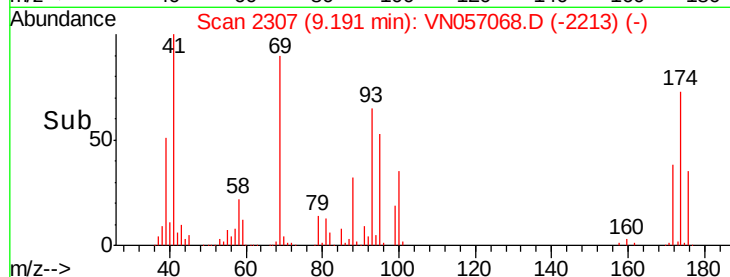
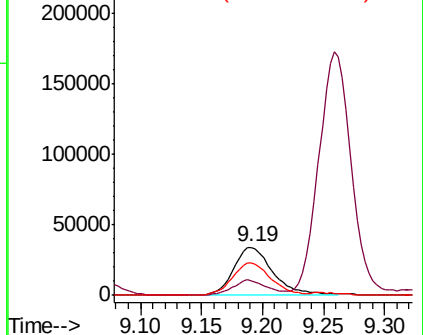
58 65.7 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VN056941.D (-2291) (-)

Ion 43.00 (42.70 to 43.70): VN056941.D (-2291) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2291) (-)



#50

Toluene-d8

Concen: 49.107 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057068.D

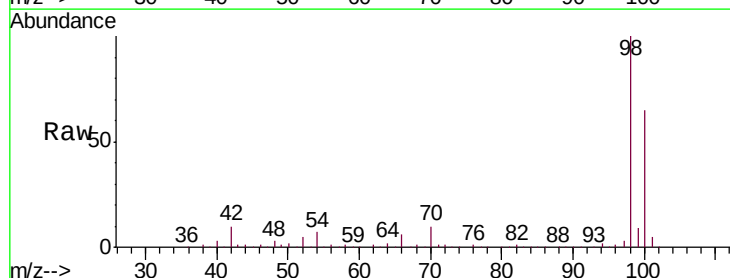
Acq: 2 Aug 2019 16:56

Tgt Ion: 98 Resp: 794169

Ion Ratio Lower Upper

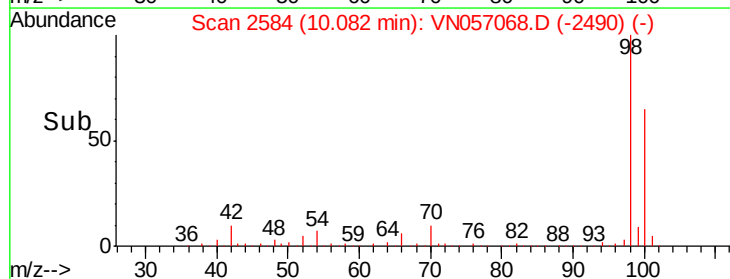
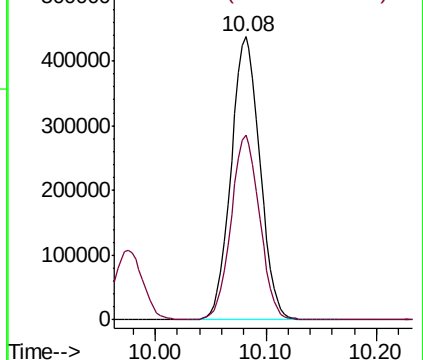
98 100

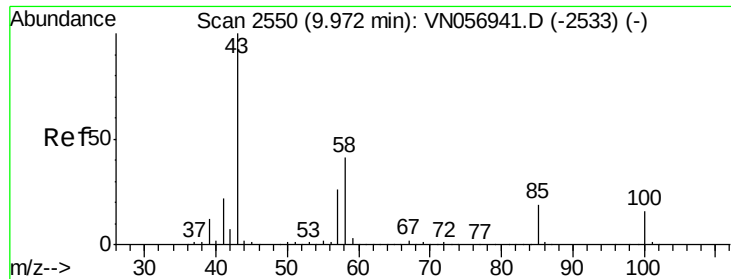
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)





#51

4-Methyl-2-Pentanone

Concen: 255.441 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

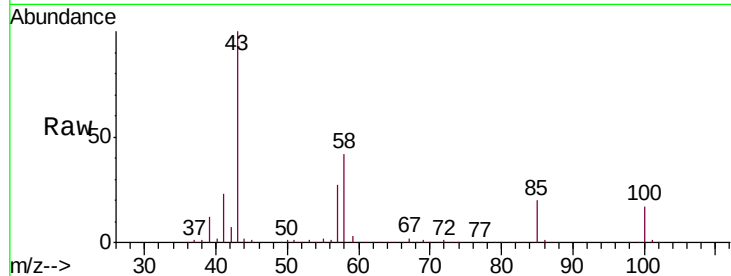
VSTDCCC050EC

Tgt Ion: 43 Resp: 1171152

Ion Ratio Lower Upper

43 100

58 41.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)

9.98

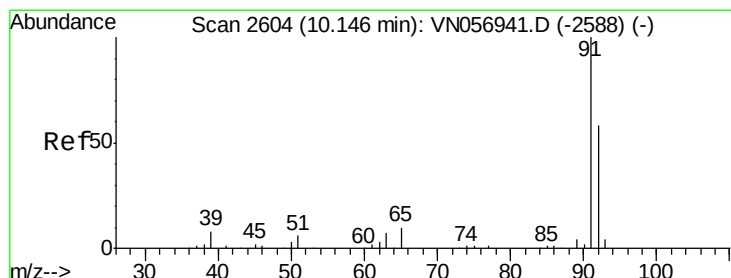
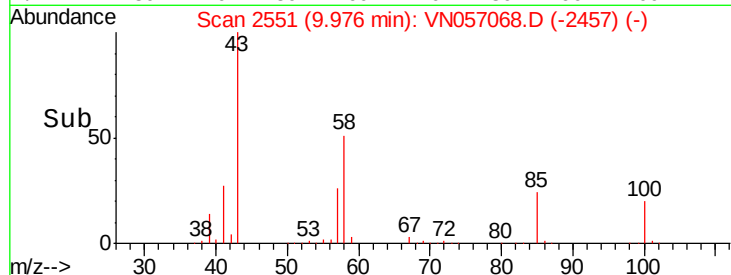
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.796 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN057068.D

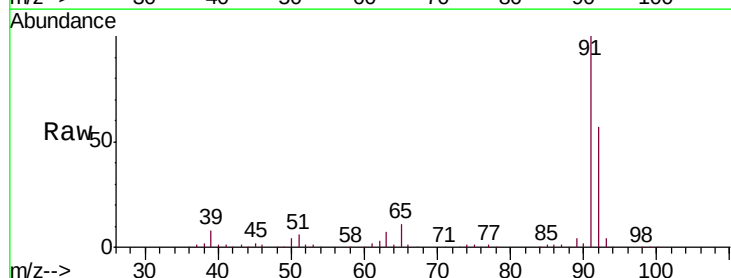
Acq: 2 Aug 2019 16:56

Tgt Ion: 92 Resp: 569507

Ion Ratio Lower Upper

92 100

91 174.1 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056941.D (-2588) (-)

10.15

600000

500000

400000

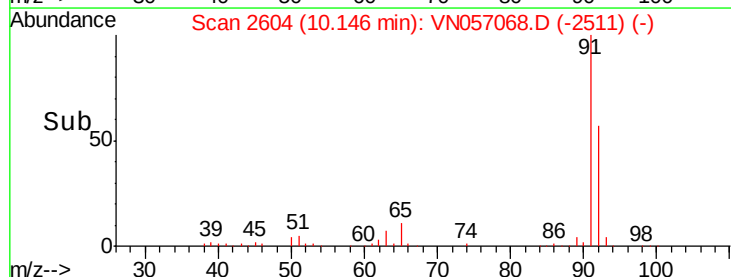
300000

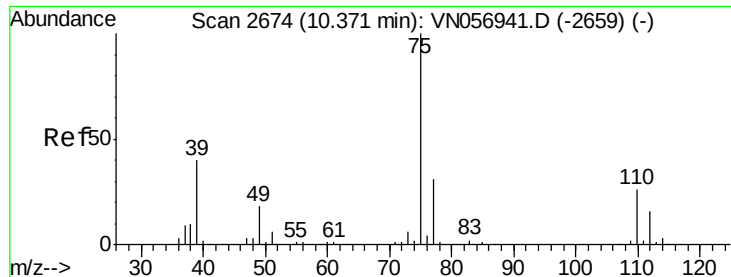
200000

100000

0

Time-->

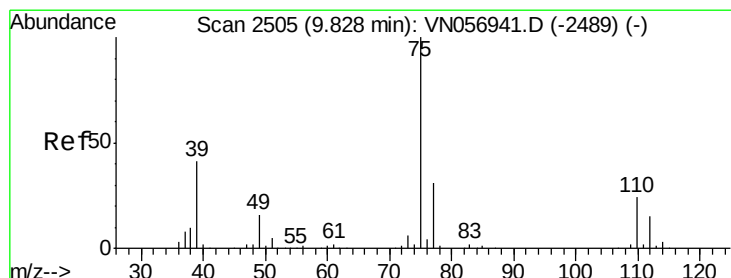
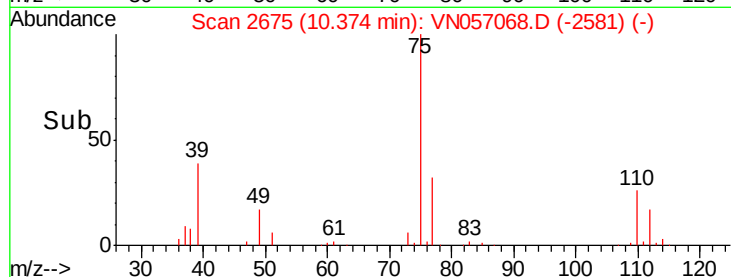
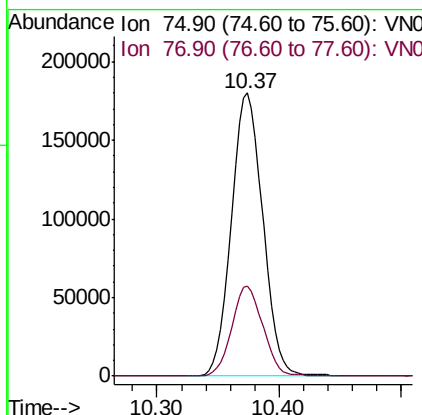
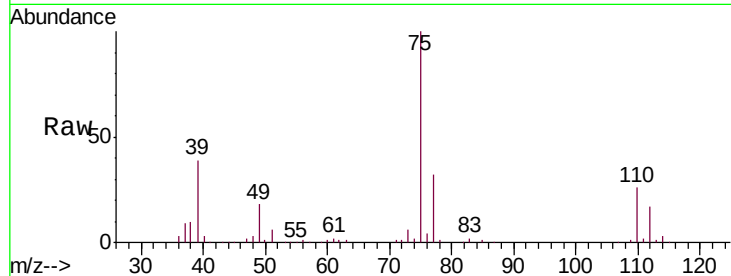




#53
 t-1,3-Dichloropropene
 Concen: 54.657 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

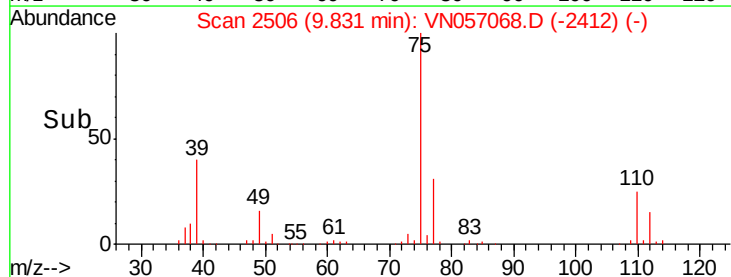
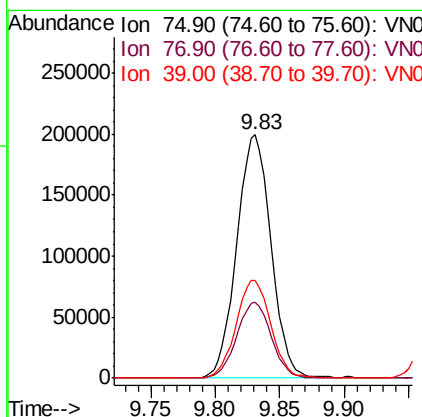
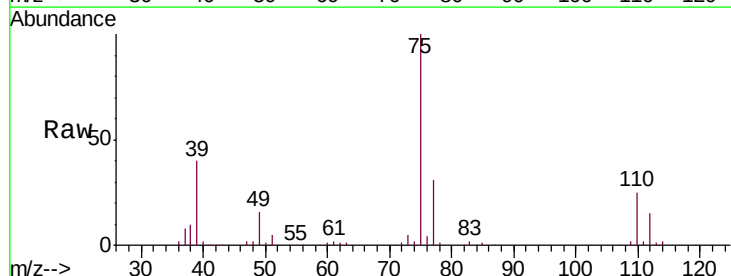
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

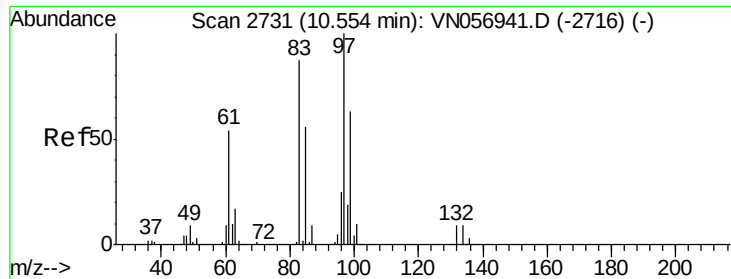
Tgt Ion: 75 Resp: 322961
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.824 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 75 Resp: 369783
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 40.3 32.6 49.0





#55

1,1,2-Trichloroethane

Concen: 52.448 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 226885

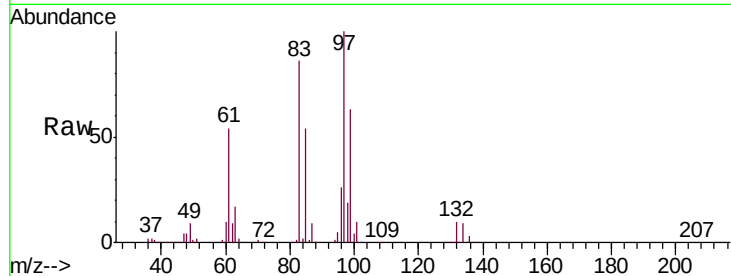
Ion Ratio Lower Upper

97 100

83 86.3 69.4 104.0

85 54.0 44.7 67.1

99 62.4 50.1 75.1

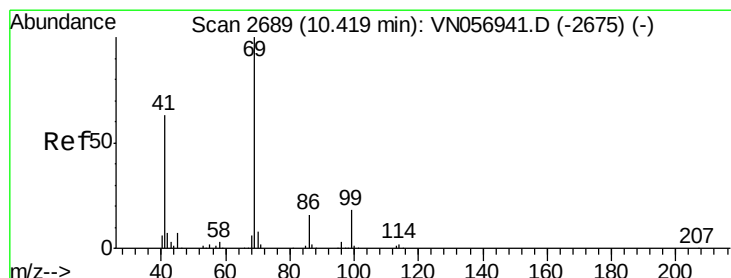
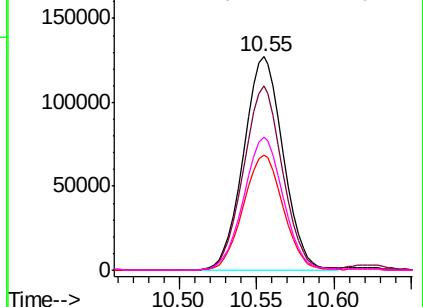
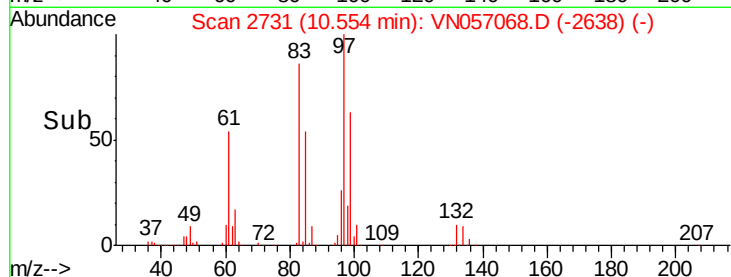


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 49.065 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

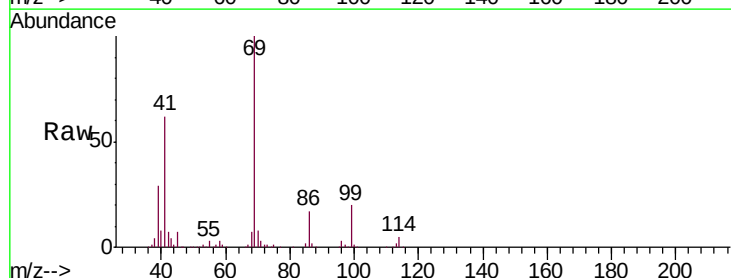
Tgt Ion: 69 Resp: 320312

Ion Ratio Lower Upper

69 100

41 60.8 49.2 73.8

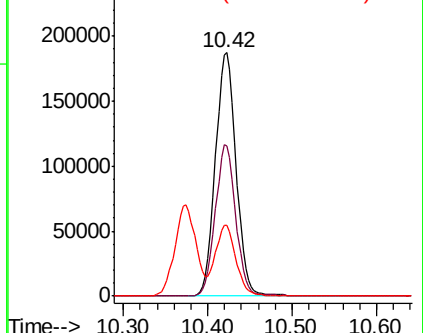
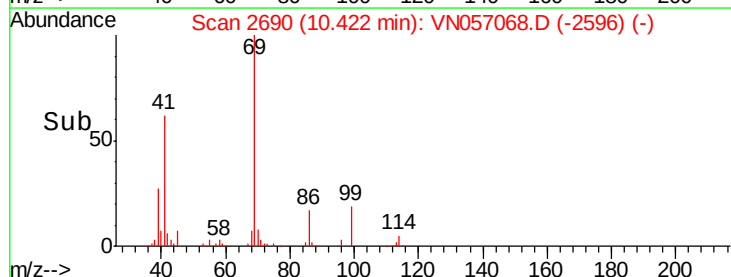
39 28.5 23.1 34.7

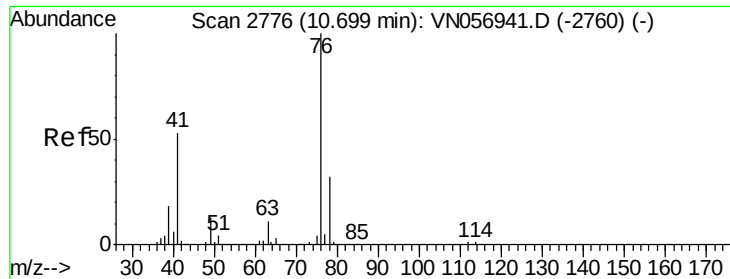


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

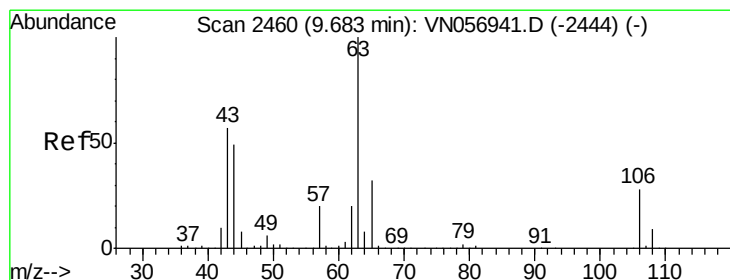
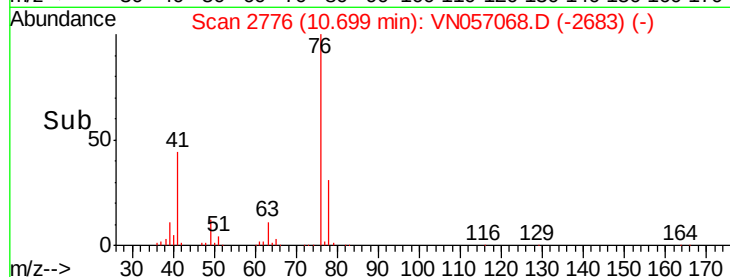
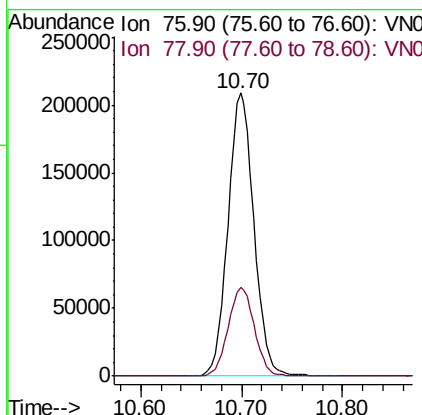
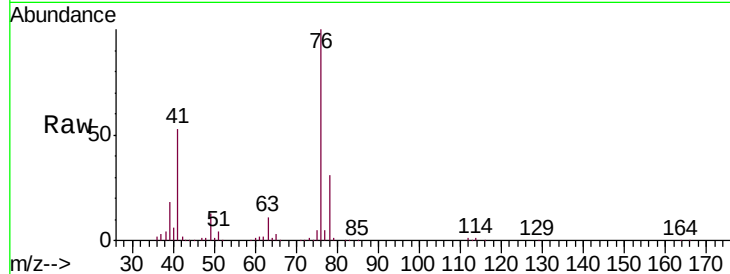




#57
 1,3-Dichloropropane
 Concen: 52.137 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

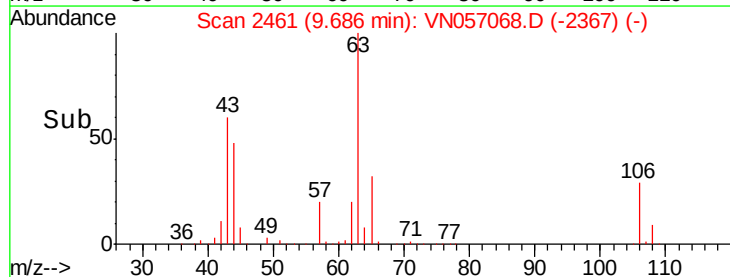
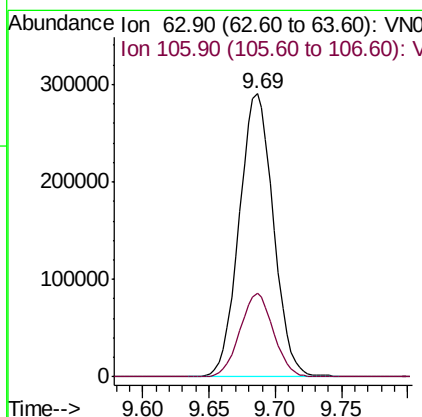
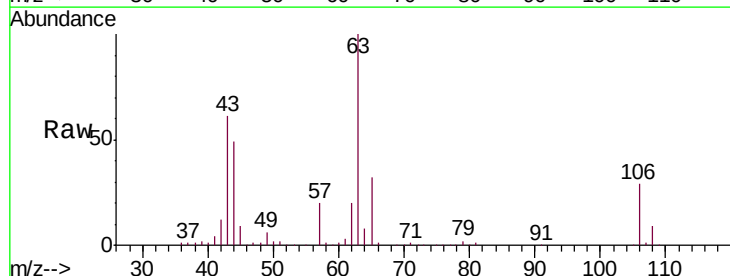
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

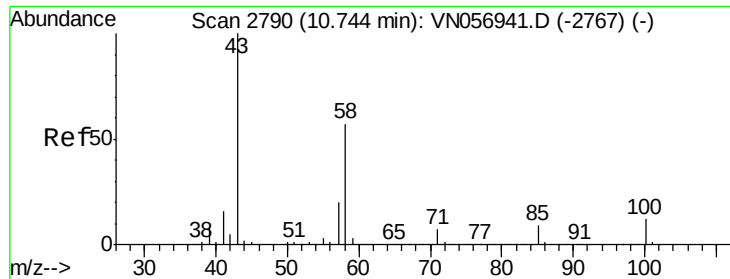
Tgt Ion: 76 Resp: 373996
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 200.733 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 63 Resp: 520361
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.0 33.0

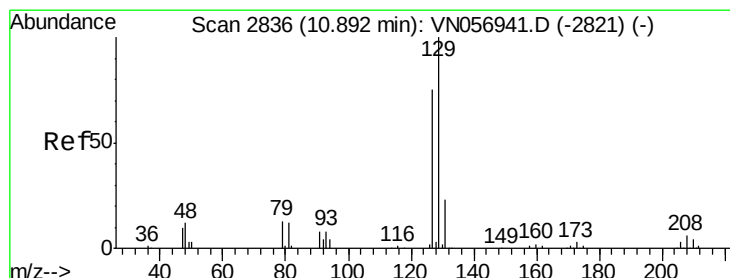
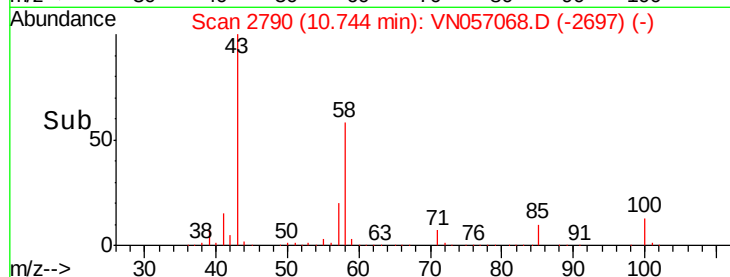
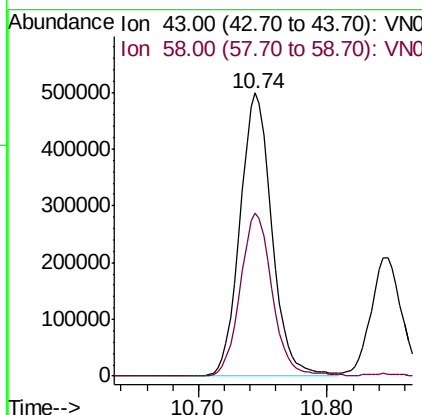
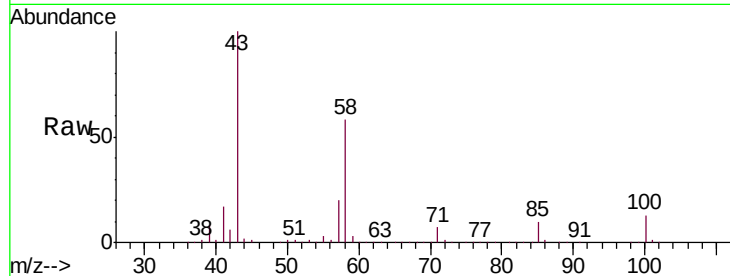




#59
2-Hexanone
Concen: 242.601 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

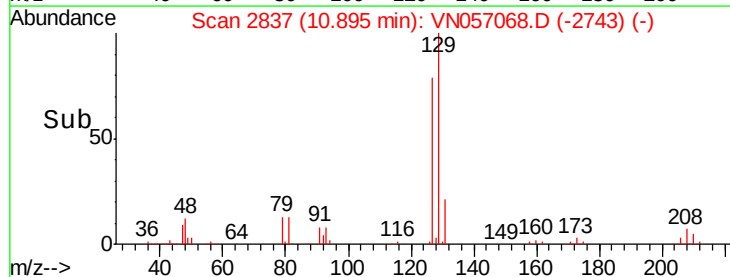
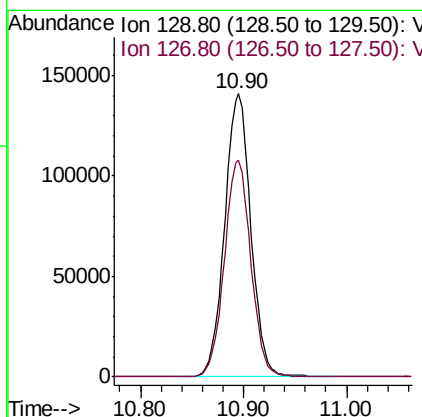
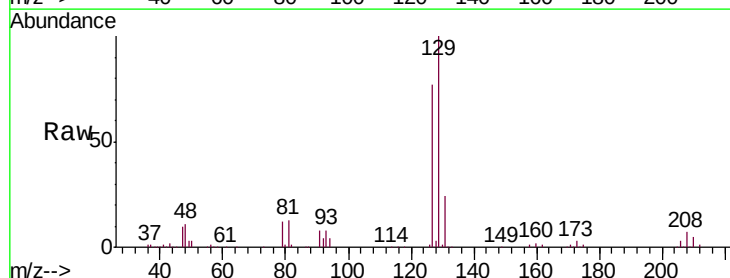
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

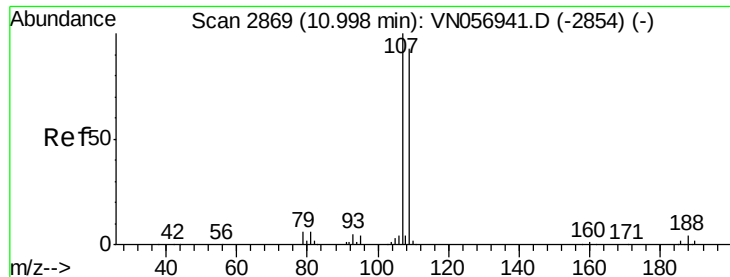
Tgt Ion: 43 Resp: 856301
Ion Ratio Lower Upper
43 100
58 57.8 28.5 85.5



#60
Dibromochloromethane
Concen: 56.318 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 129 Resp: 249601
Ion Ratio Lower Upper
129 100
127 77.3 38.0 113.9

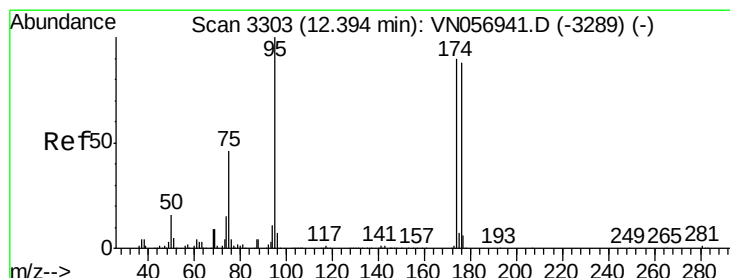
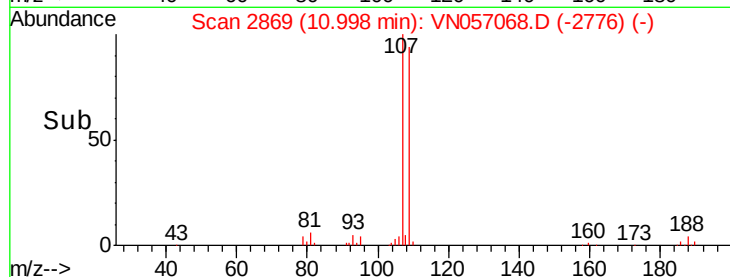
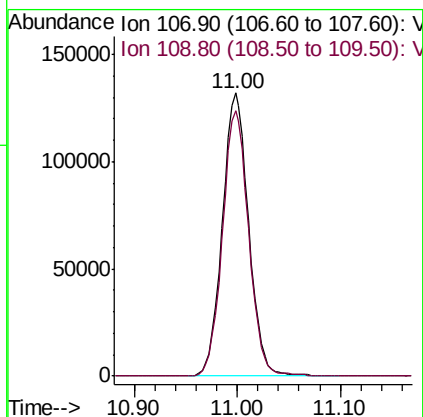
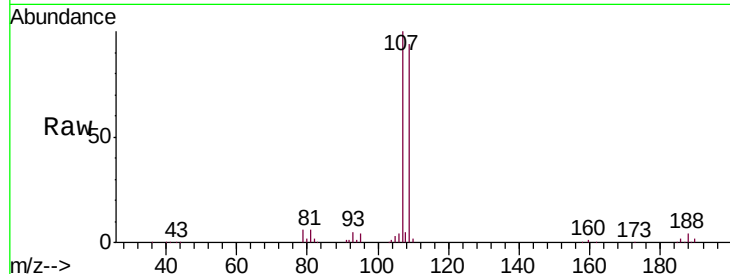




#61
 1,2-Dibromoethane
 Concen: 55.366 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

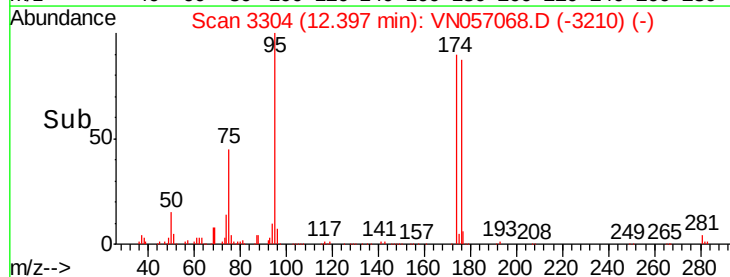
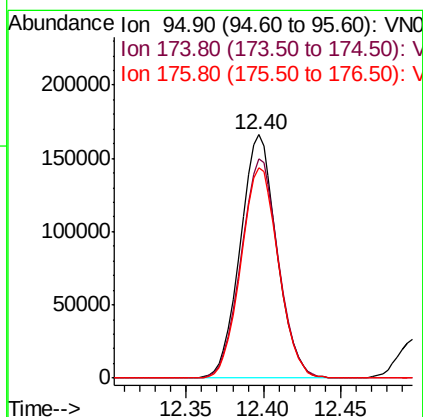
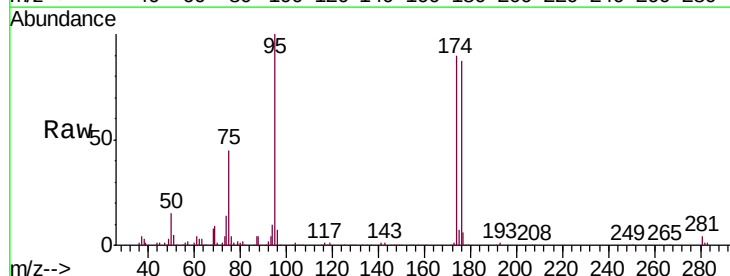
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

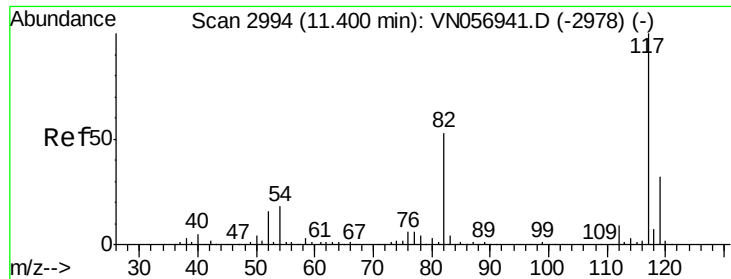
Tgt Ion: 107 Resp: 233733
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.844 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 95 Resp: 272950
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 182.2
 176 88.6 0.0 179.4

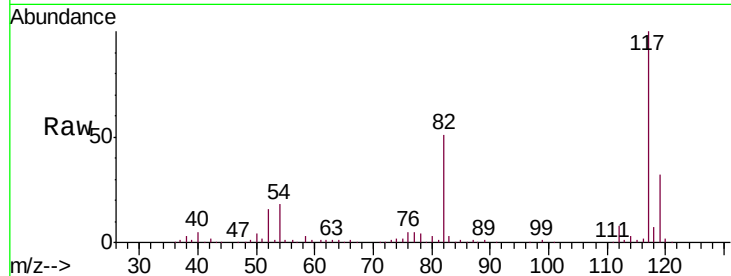




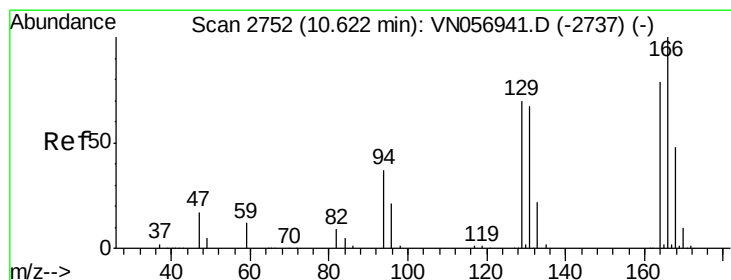
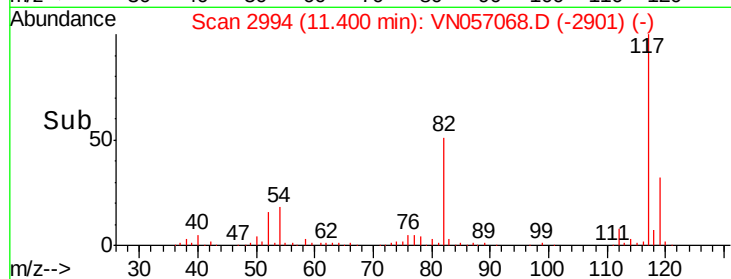
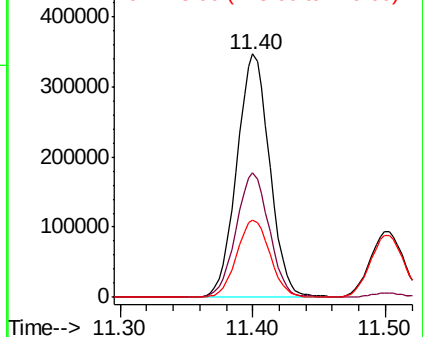
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 596897
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.4
119 31.8 25.8 38.6

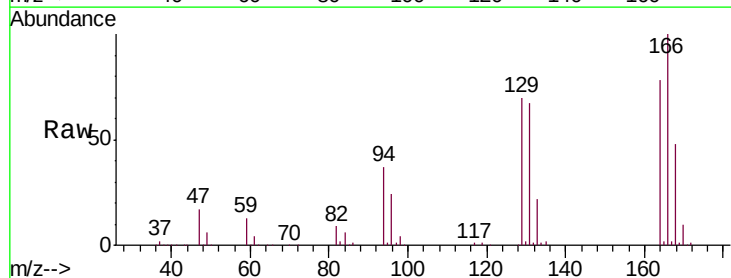


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

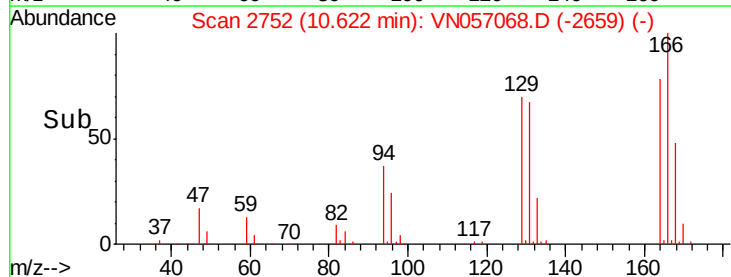
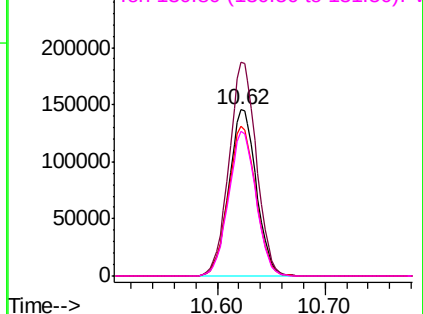


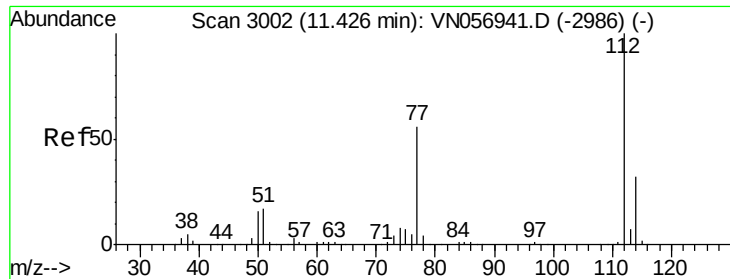
#64
Tetrachloroethene
Concen: 50.191 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion:164 Resp: 258168
Ion Ratio Lower Upper
164 100
166 128.8 101.1 151.7
129 90.3 70.9 106.3
131 86.9 67.7 101.5



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

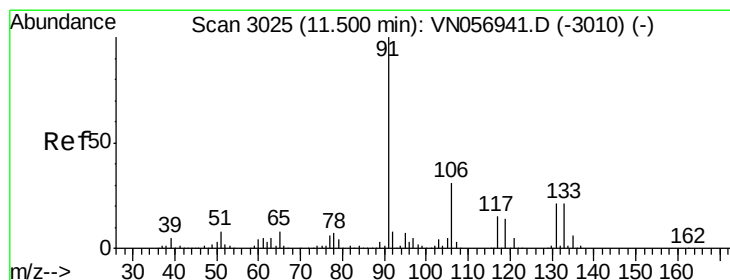
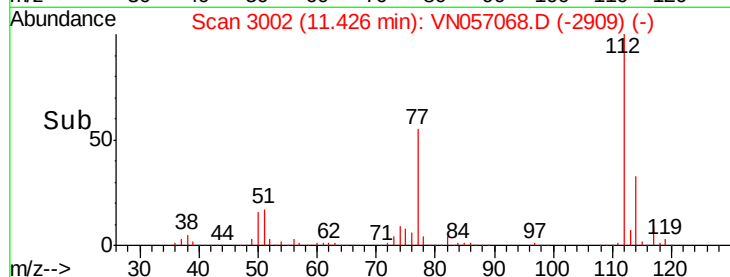
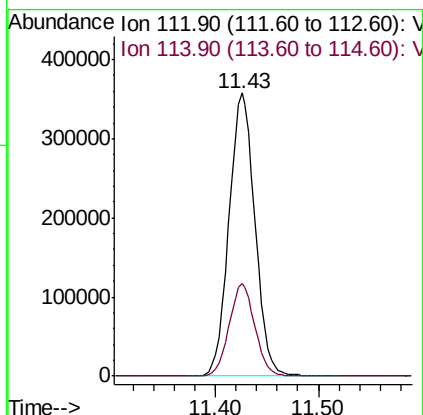
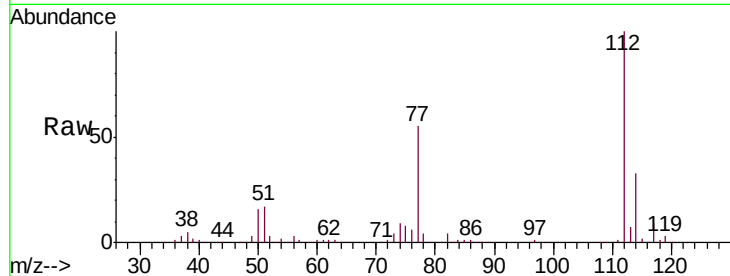




#65
Chlorobenzene
Concen: 51.474 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

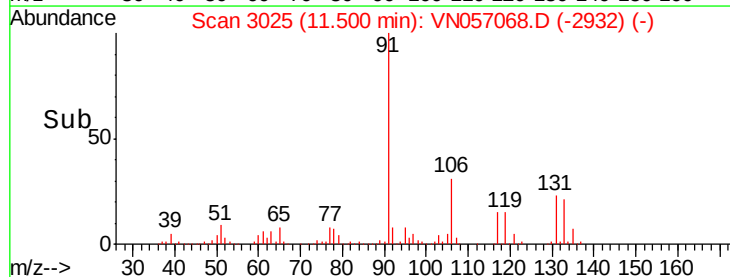
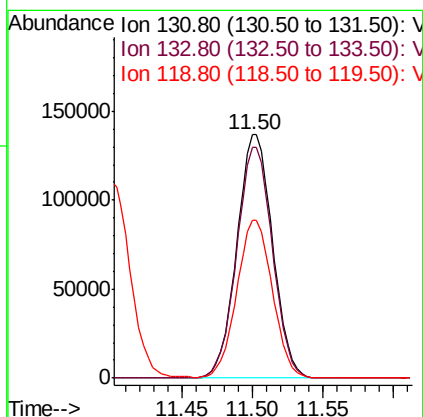
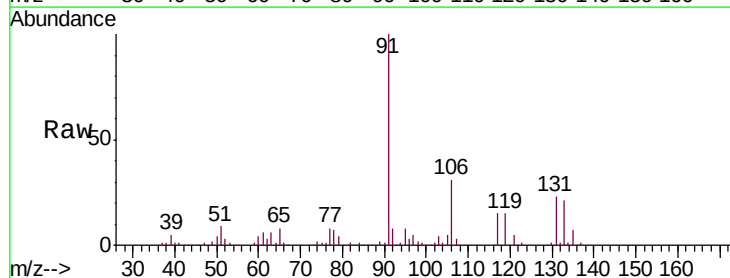
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

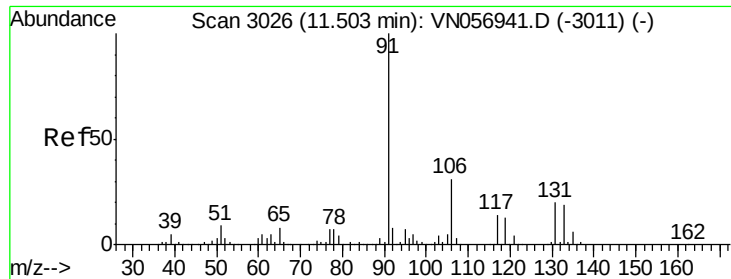
Tgt Ion:112 Resp: 626215
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.922 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion:131 Resp: 242328
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 64.8 33.2 99.6

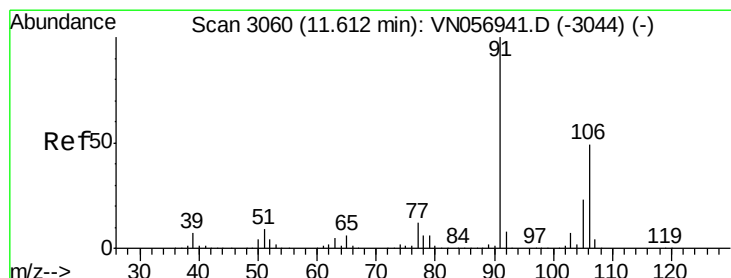
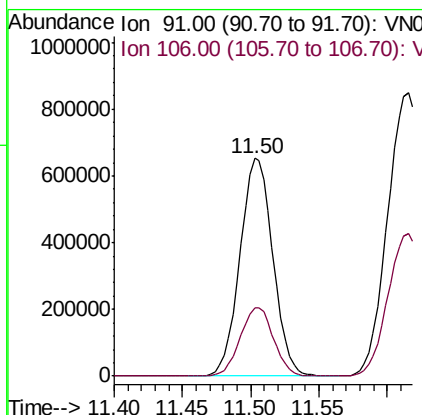
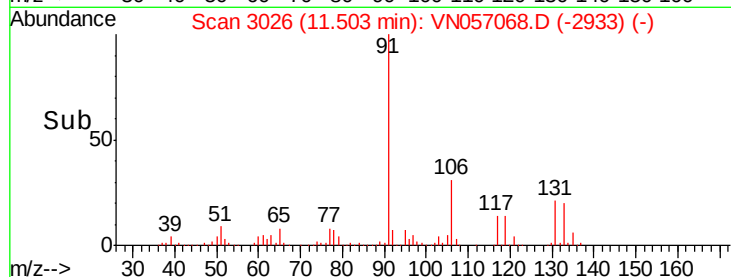
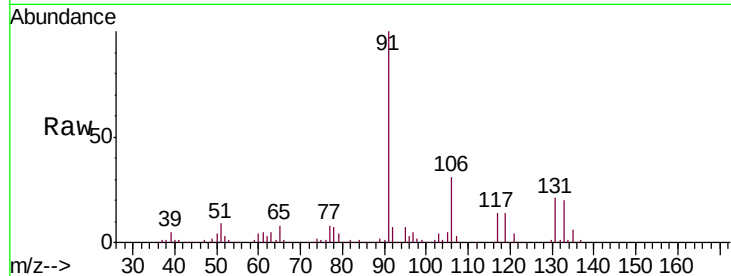




#67
Ethyl Benzene
Concen: 52.035 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

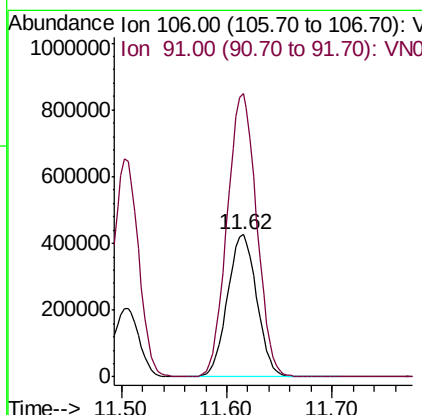
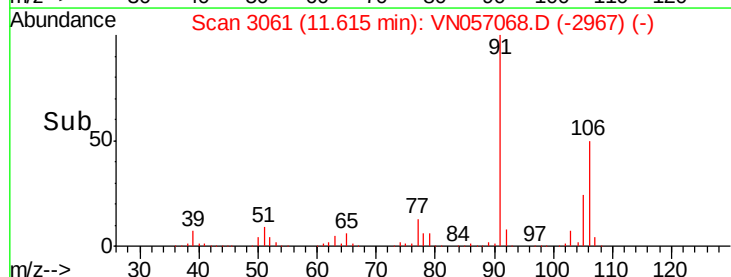
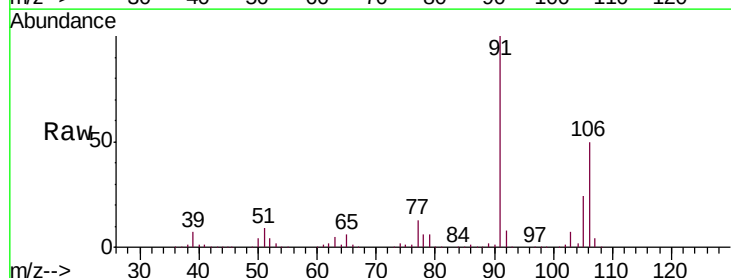
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

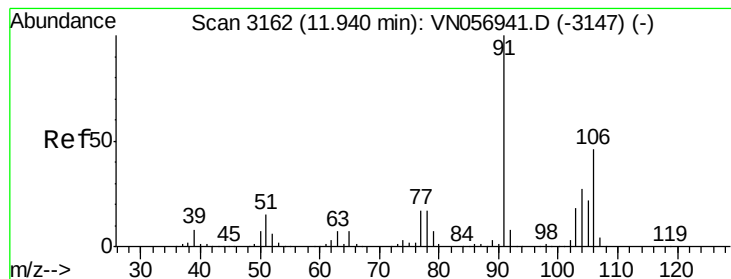
Tgt Ion: 91 Resp: 1094076
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 105.833 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 106 Resp: 821240
Ion Ratio Lower Upper
106 100
91 200.1 160.0 240.0





#69

o-Xylene

Concen: 52.766 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

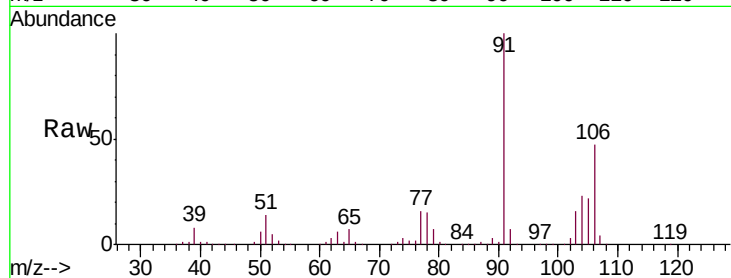
VSTDCCC050EC

Tgt Ion:106 Resp: 400581

Ion Ratio Lower Upper

106 100

91 210.9 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

600000

500000

400000

300000

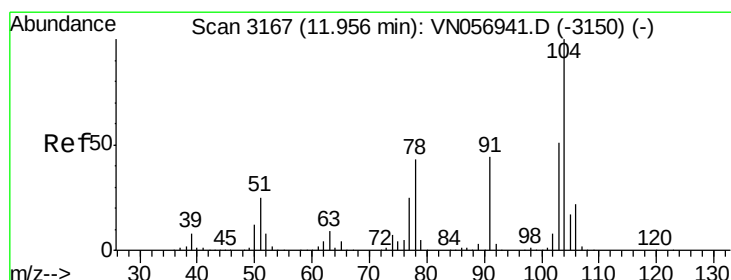
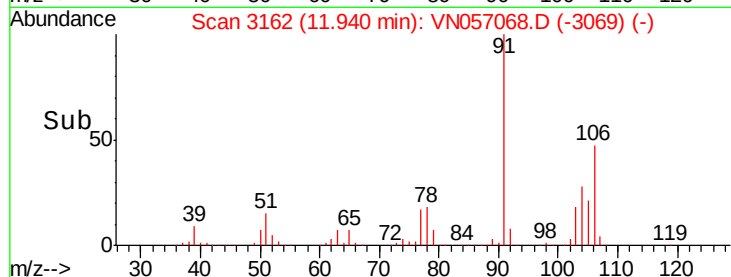
200000

100000

0

11.85 11.90 11.95 12.00

Time-->



#70

Styrene

Concen: 49.562 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

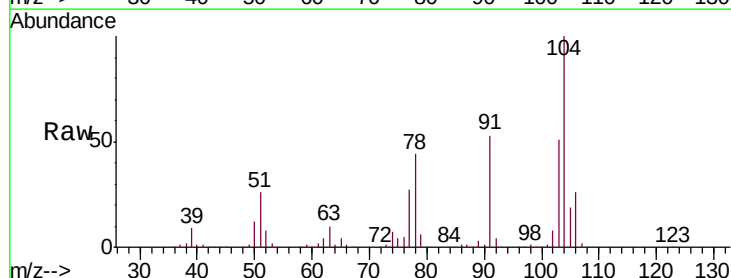
Tgt Ion:104 Resp: 664819

Ion Ratio Lower Upper

104 100

78 48.2 38.1 57.1

103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

500000

400000

300000

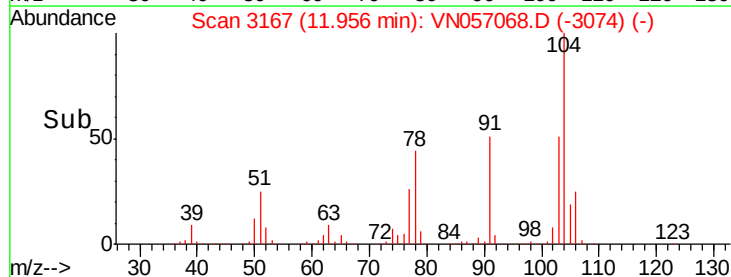
200000

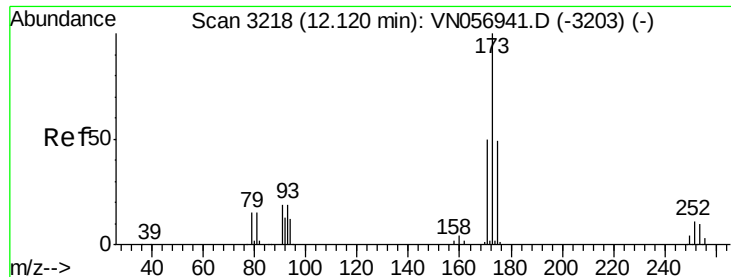
100000

0

11.90 12.00

Time-->





#71

Bromoform

Concen: 55.440 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

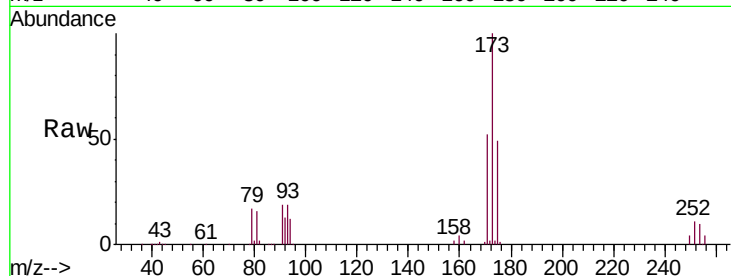
Tgt Ion:173 Resp: 177236

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

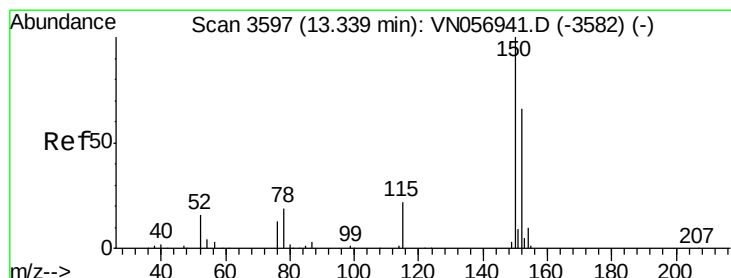
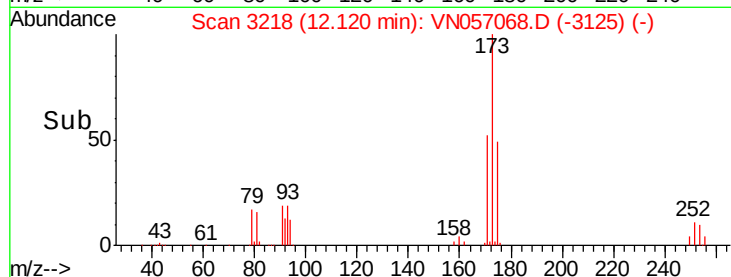
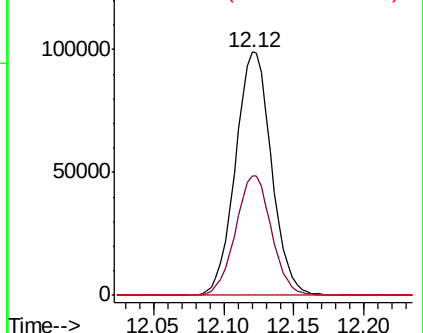
254 0.1 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

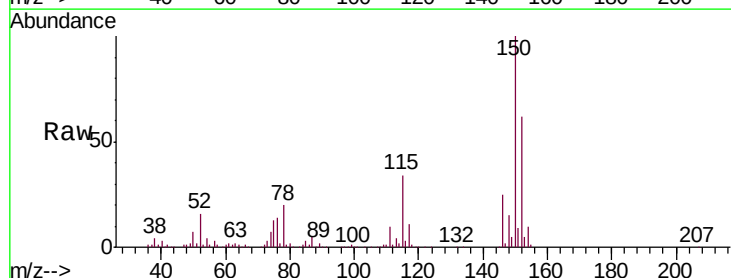
Tgt Ion:152 Resp: 256390

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

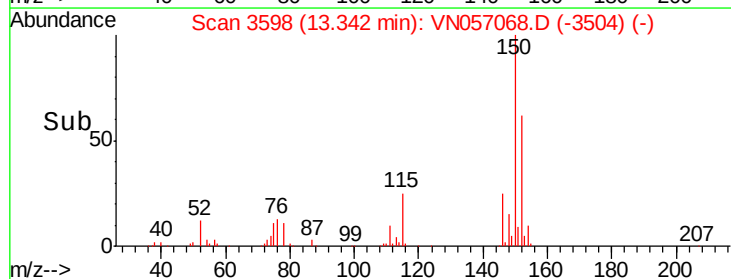
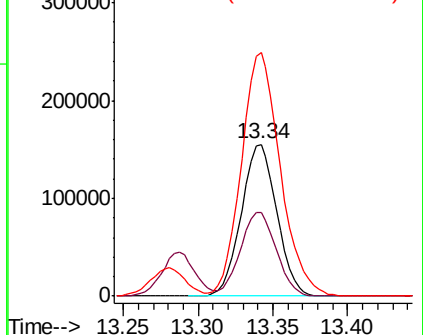
150 176.1 0.0 349.4

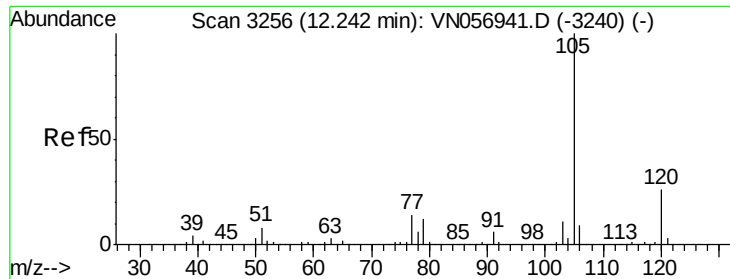


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.697 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

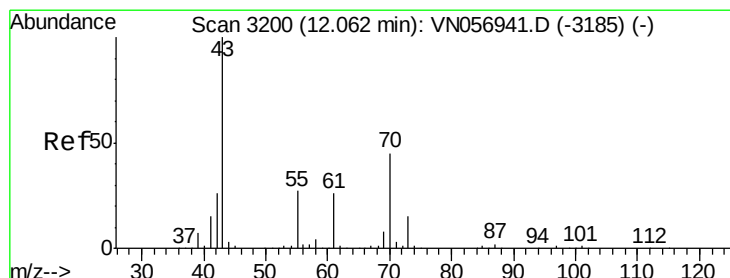
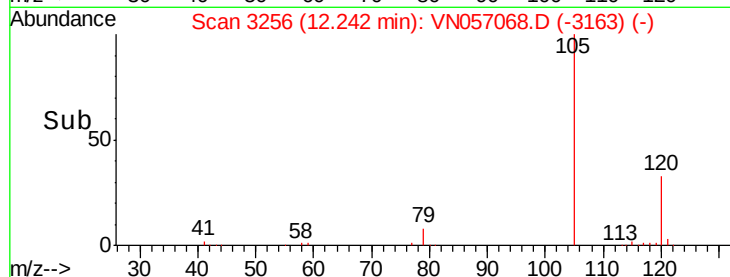
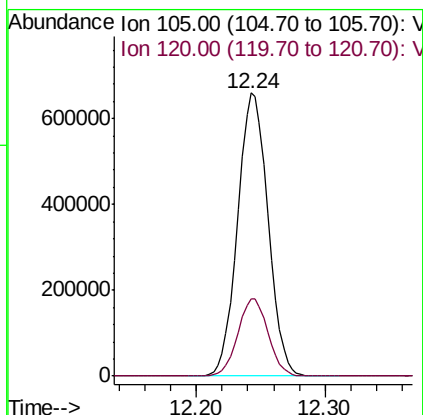
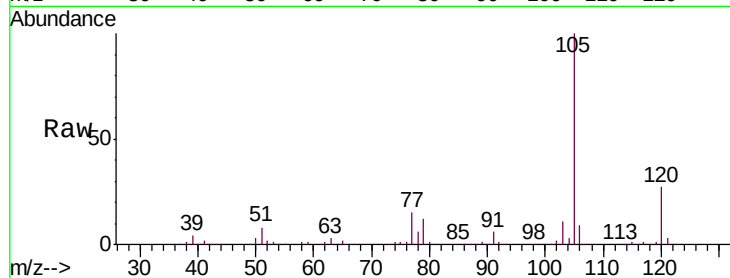
VSTDCCC050EC

Tgt Ion:105 Resp: 1079043

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-amyl acetate

Concen: 49.048 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Tgt Ion: 43 Resp: 315572

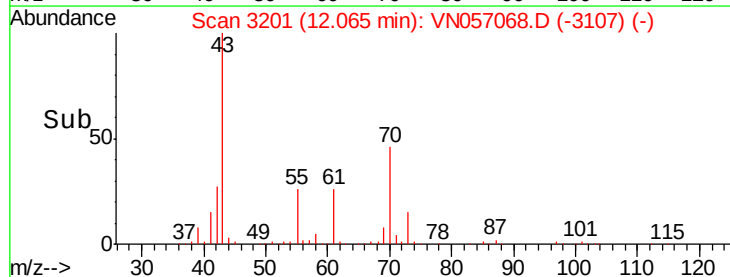
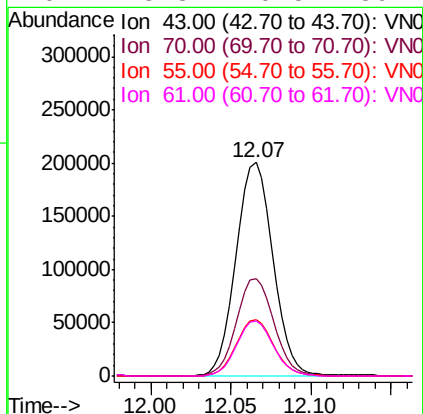
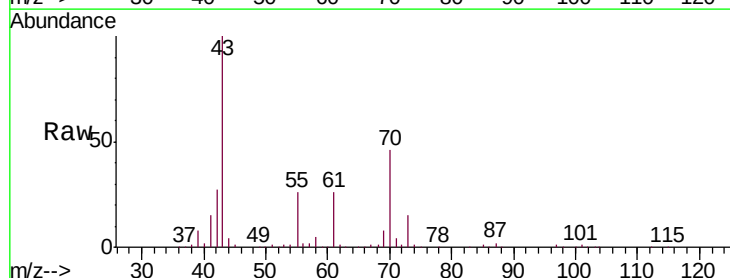
Ion Ratio Lower Upper

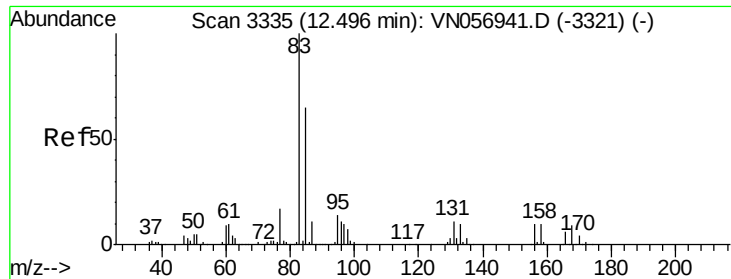
43 100

70 46.3 36.5 54.7

55 26.8 21.4 32.0

61 25.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.528 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

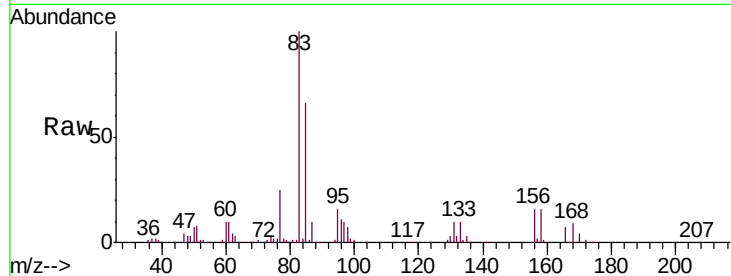
Tgt Ion: 83 Resp: 293470

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

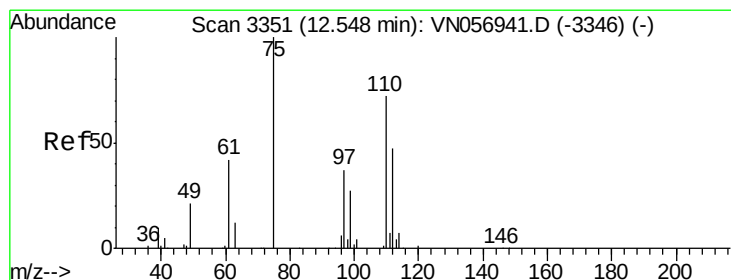
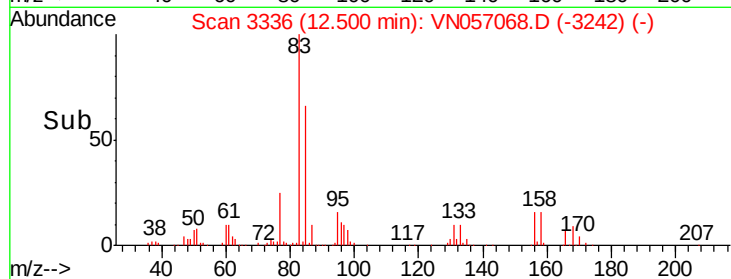
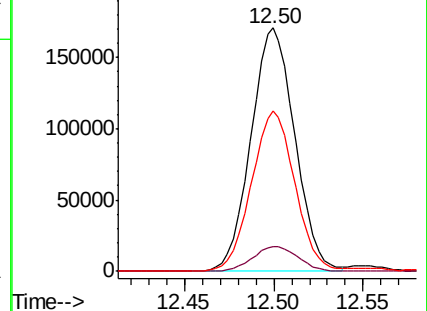
85 65.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.196 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN057068.D

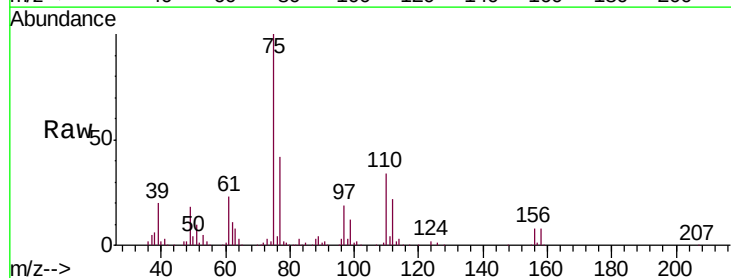
Acq: 2 Aug 2019 16:56

Tgt Ion: 75 Resp: 349882

Ion Ratio Lower Upper

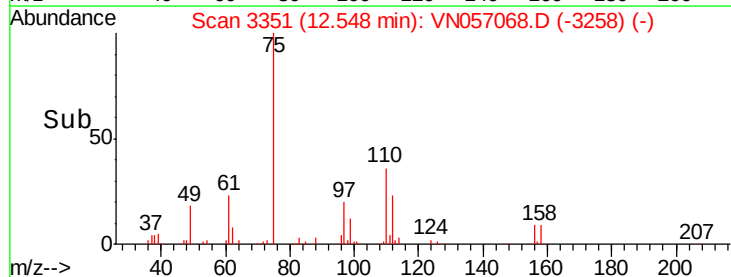
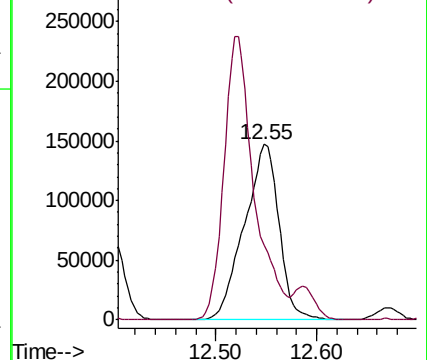
75 100

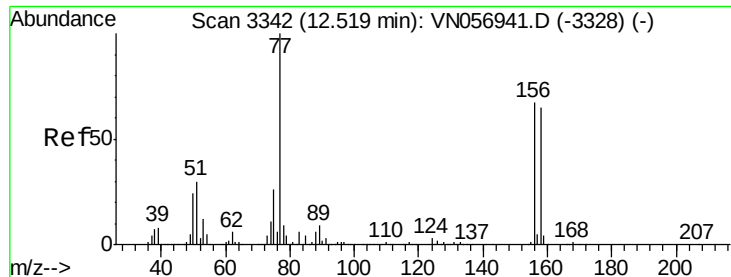
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

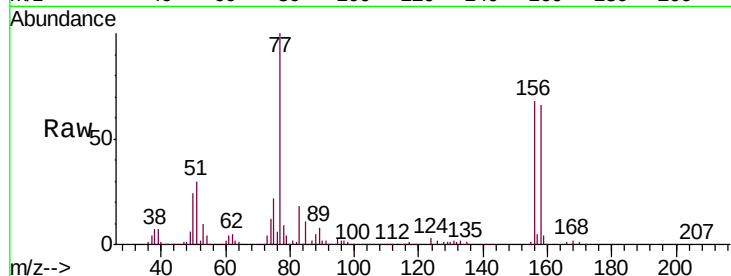




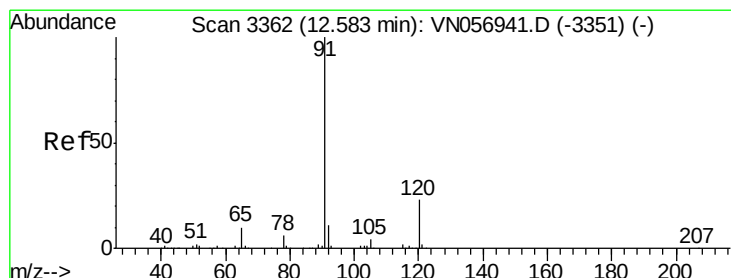
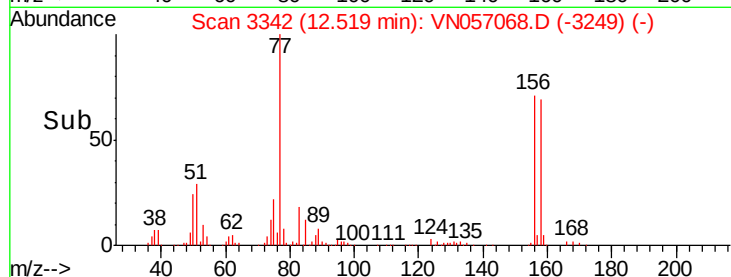
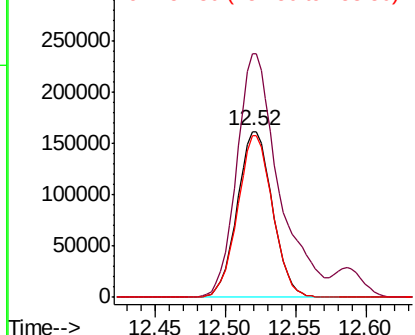
#77
Bromobenzene
Concen: 48.938 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 283018
Ion Ratio Lower Upper
156 100
77 176.4 89.5 268.5
158 96.8 48.4 145.3

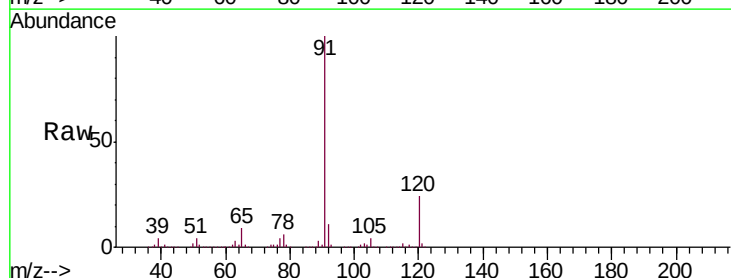


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

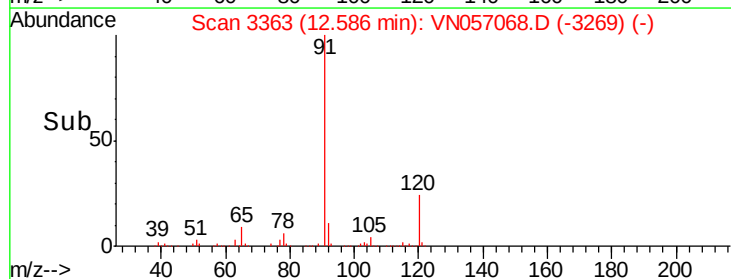
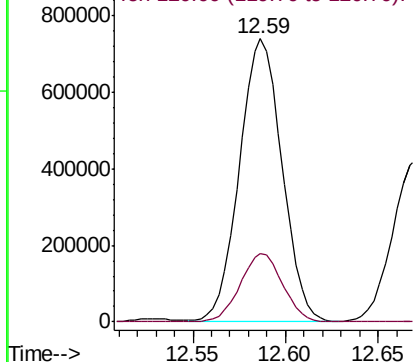


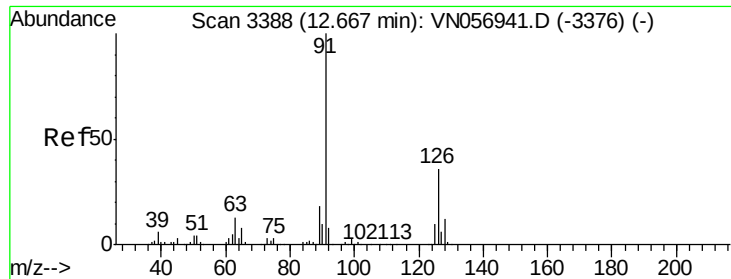
#78
n-propylbenzene
Concen: 49.552 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN057068.D
Acq: 2 Aug 2019 16:56

Tgt Ion: 91 Resp: 1172356
Ion Ratio Lower Upper
91 100
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.513 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

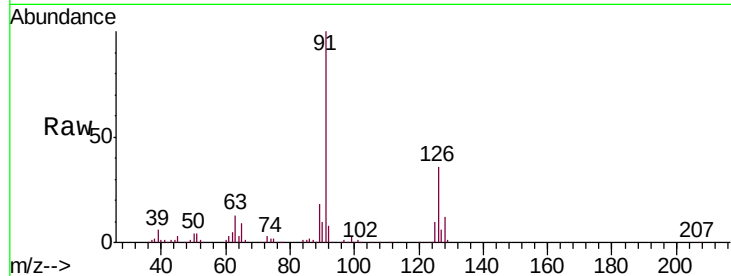
VSTDCCC050EC

Tgt Ion: 91 Resp: 706760

Ion Ratio Lower Upper

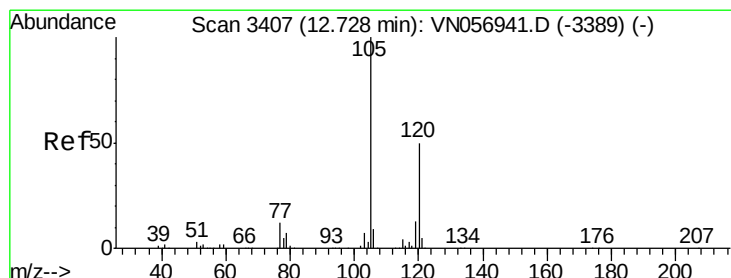
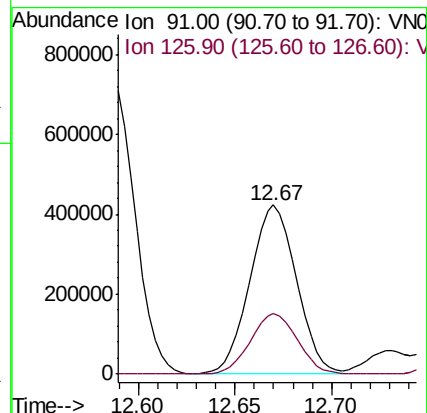
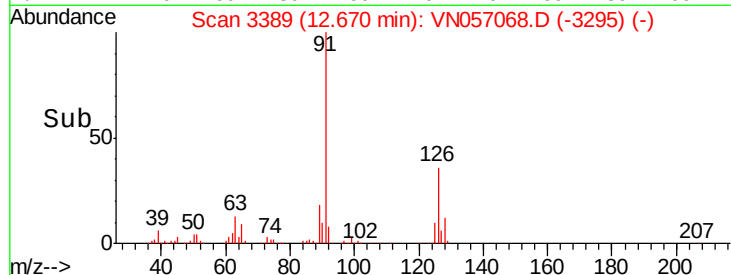
91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN056941.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.252 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN057068.D

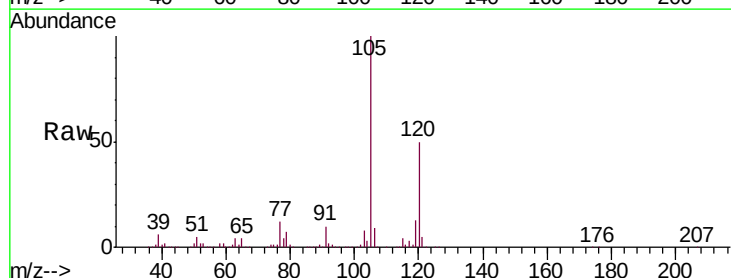
Acq: 2 Aug 2019 16:56

Tgt Ion: 105 Resp: 913895

Ion Ratio Lower Upper

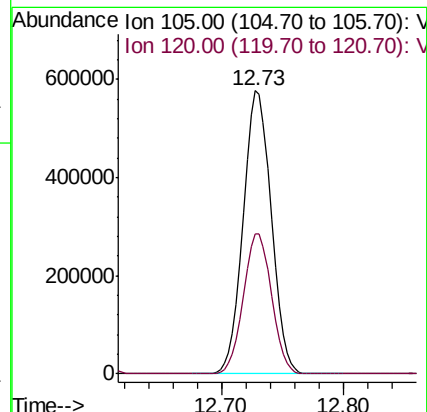
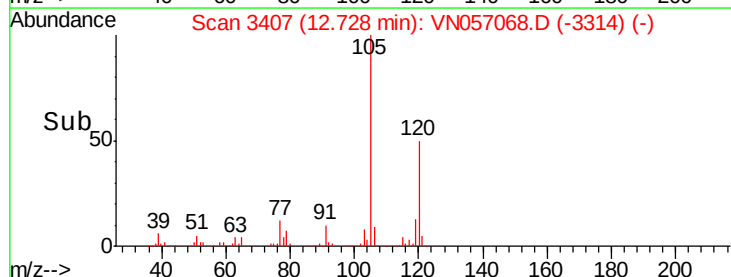
105 100

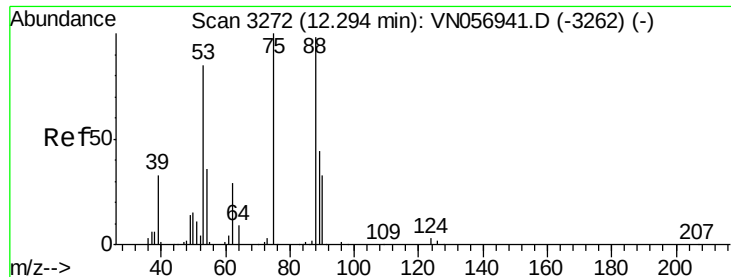
120 49.6 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN056941.D (-3389) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.869 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

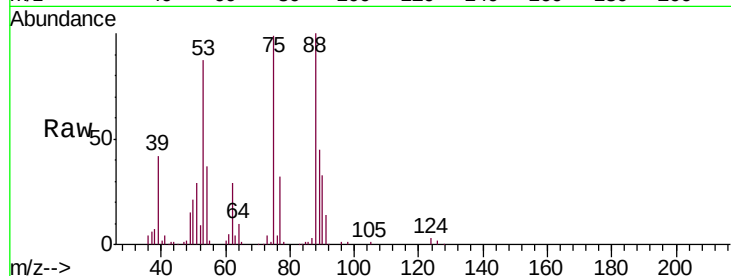
Tgt Ion: 75 Resp: 80817

Ion Ratio Lower Upper

75 100

53 87.5 69.3 103.9

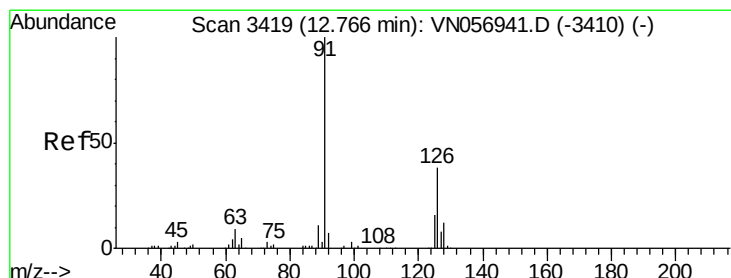
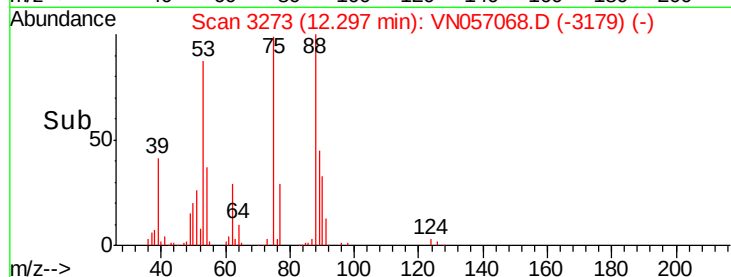
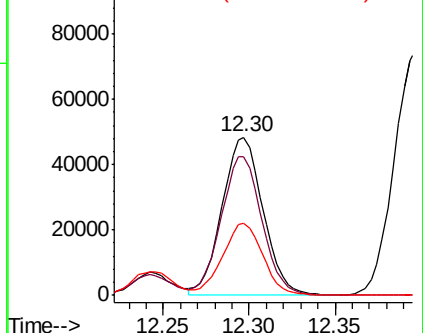
89 44.5 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.579 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057068.D

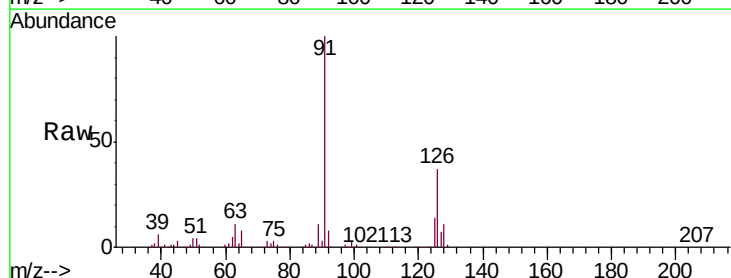
Acq: 2 Aug 2019 16:56

Tgt Ion: 91 Resp: 689561

Ion Ratio Lower Upper

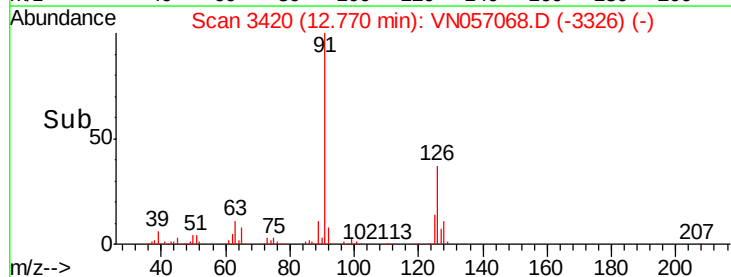
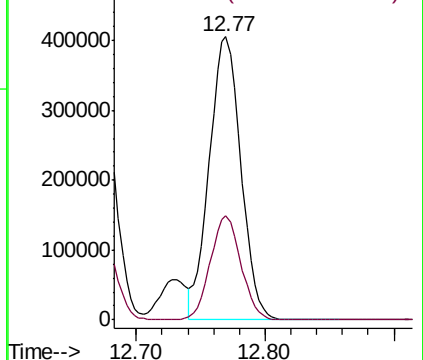
91 100

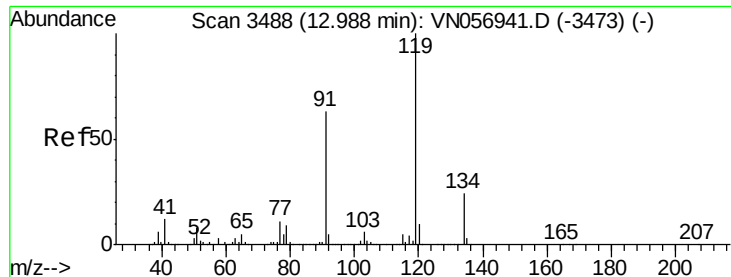
126 35.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

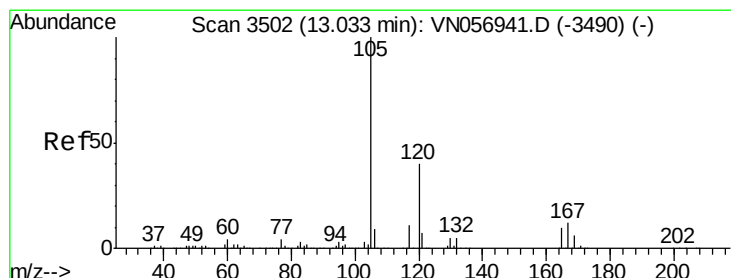
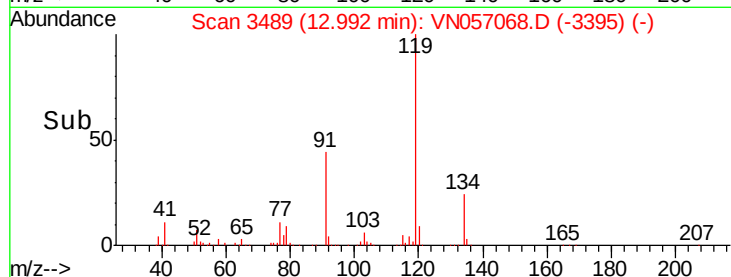
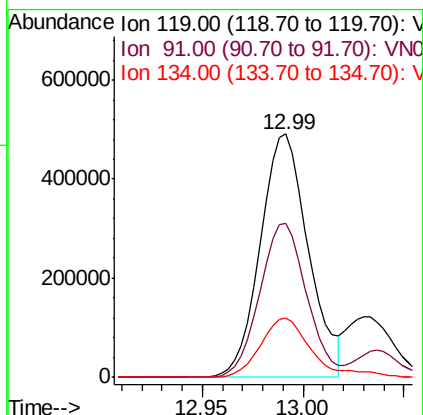
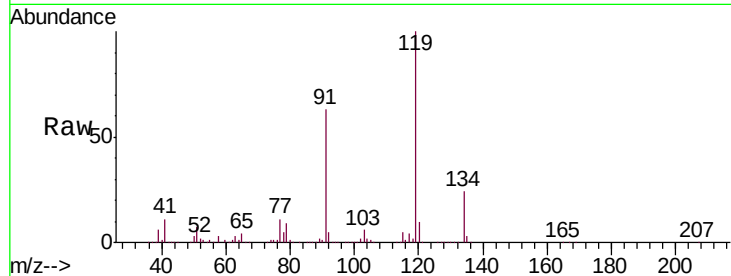




#83
 tert-Butylbenzene
 Concen: 50.709 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

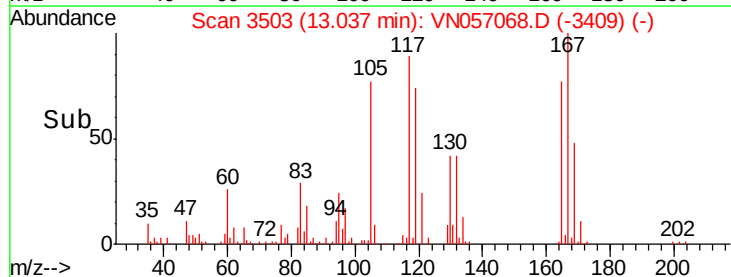
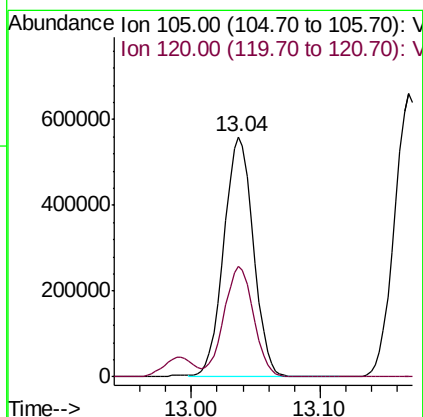
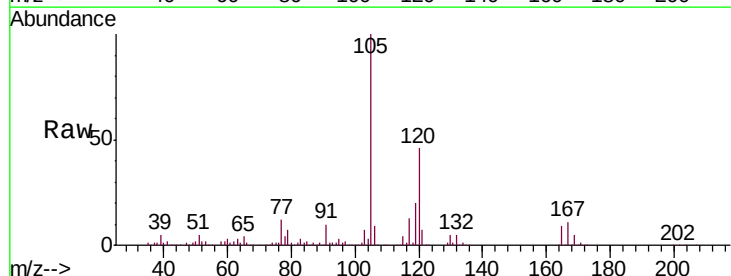
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

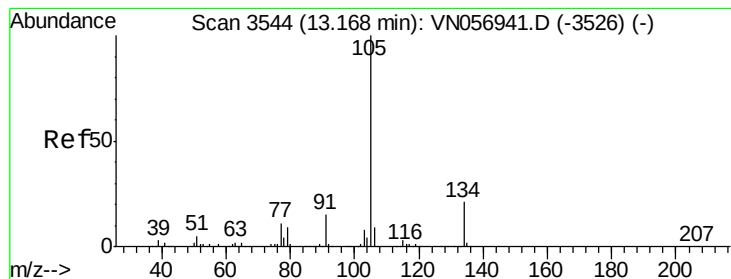
Tgt Ion:119 Resp: 816368
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.3 93.8
 134 26.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.627 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion:105 Resp: 885909
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.369 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

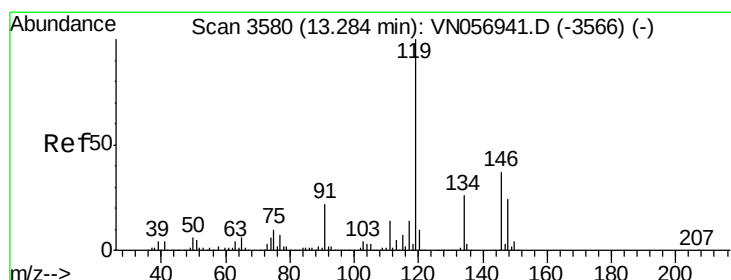
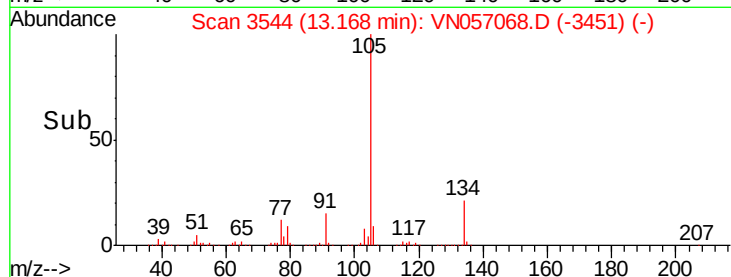
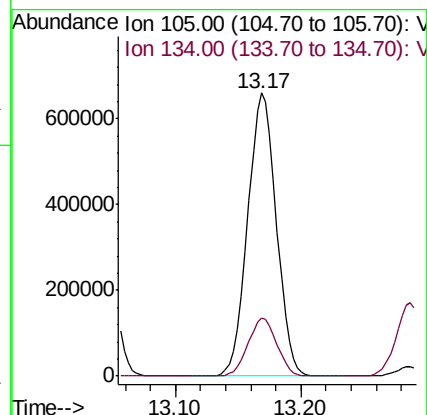
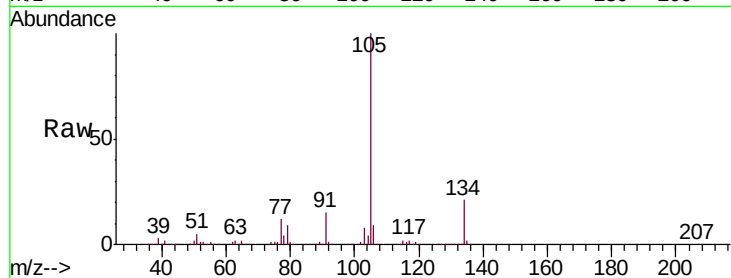
VSTDCCC050EC

Tgt Ion:105 Resp: 1045957

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.973 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

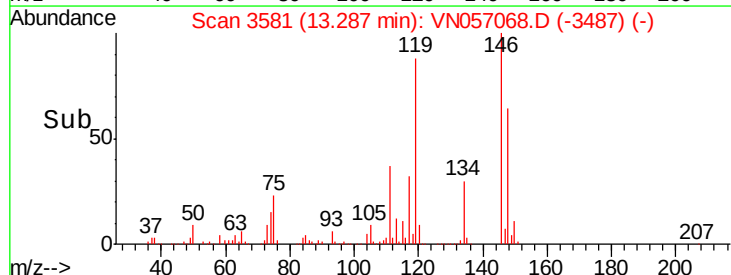
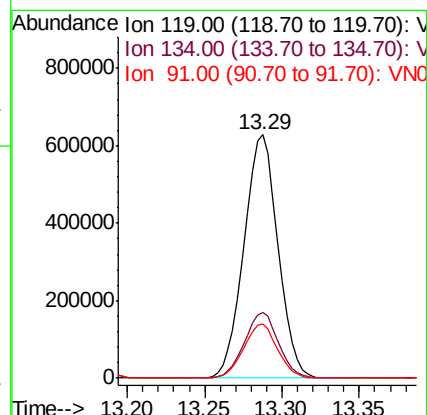
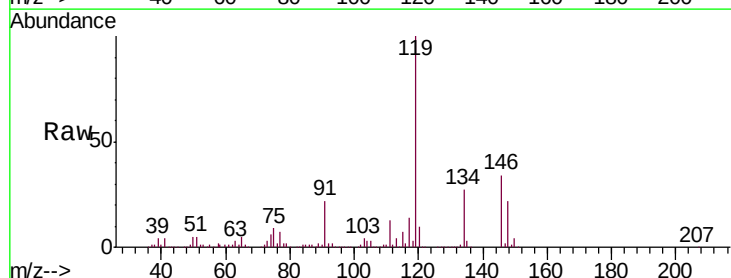
Tgt Ion:119 Resp: 958191

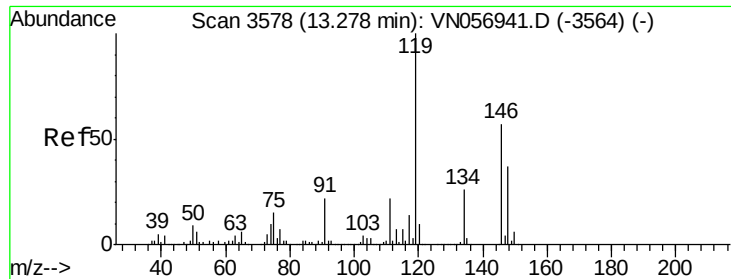
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.0 11.0 33.0

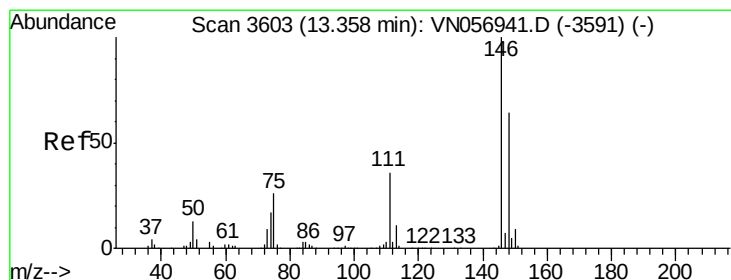
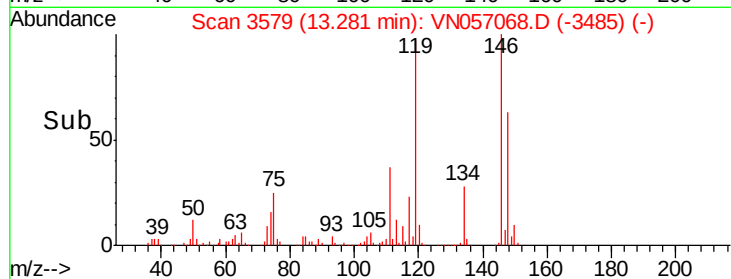
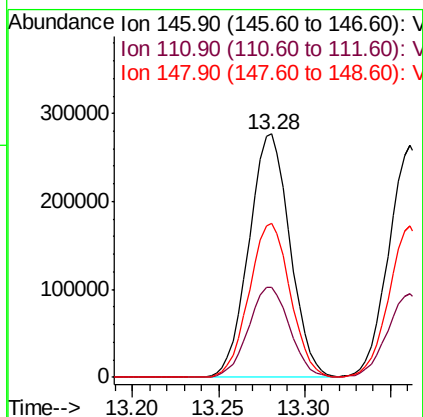
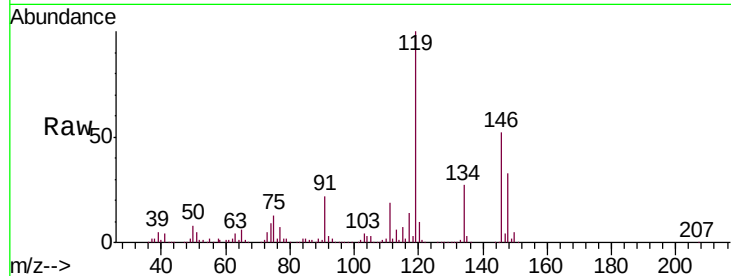




#87
 1,3-Dichlorobenzene
 Concen: 52.156 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

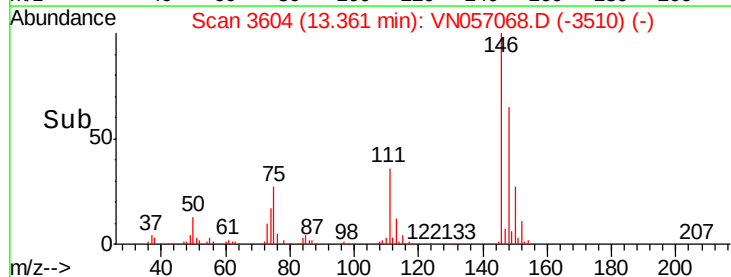
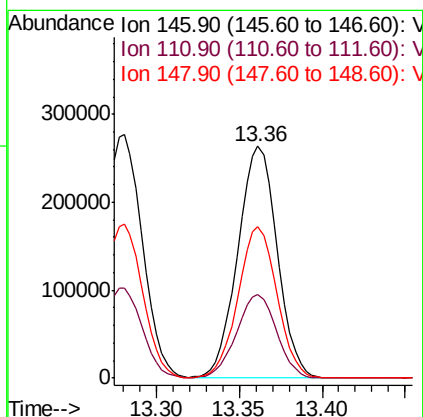
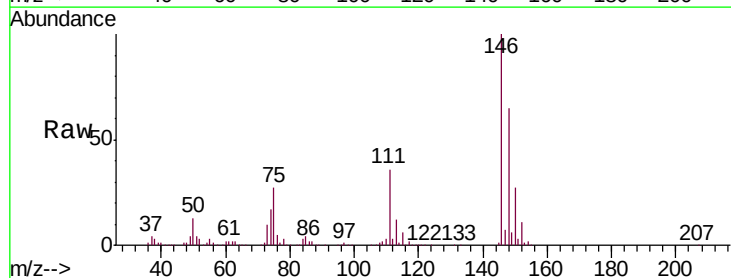
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

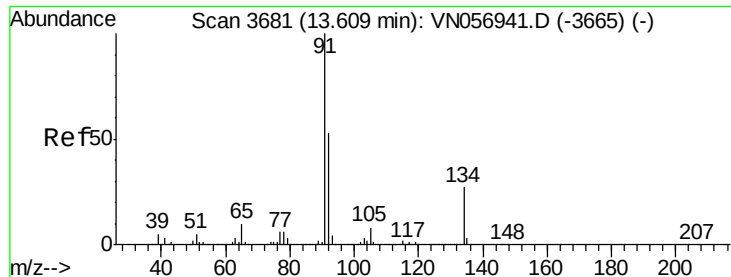
Tgt Ion:146 Resp: 458814
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 63.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.324 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion:146 Resp: 434645
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 65.0 32.3 96.9





#89

n-Butylbenzene

Concen: 51.337 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

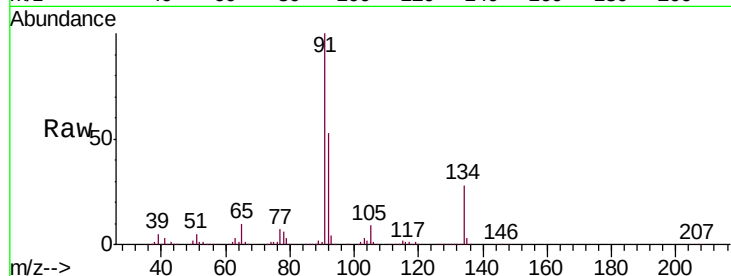
Tgt Ion: 91 Resp: 729449

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

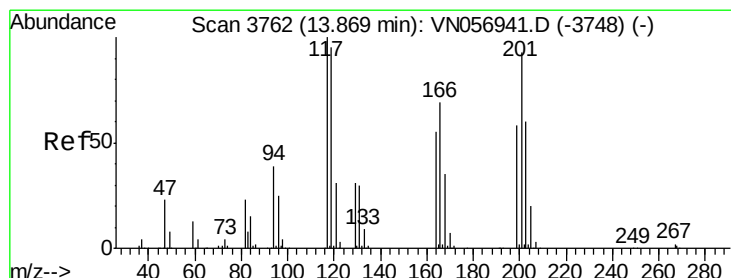
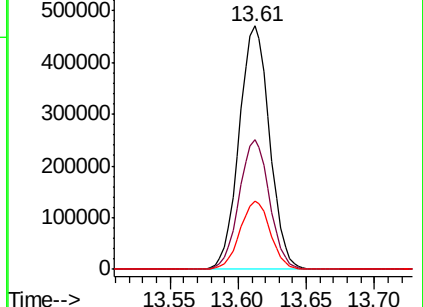
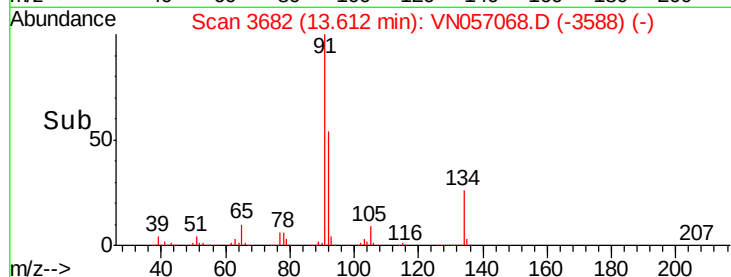
134 27.8 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)



#90

Hexachloroethane

Concen: 51.171 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN057068.D

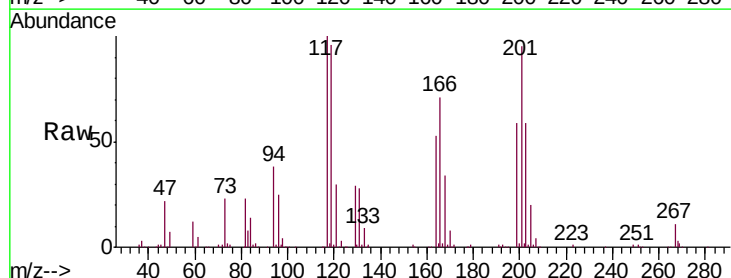
Acq: 2 Aug 2019 16:56

Tgt Ion: 117 Resp: 162448

Ion Ratio Lower Upper

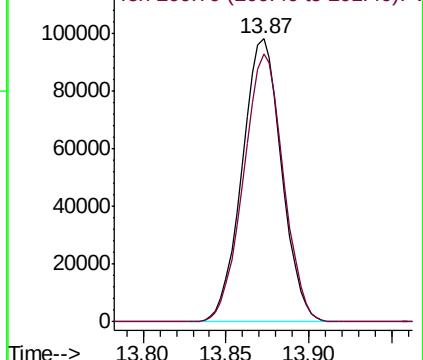
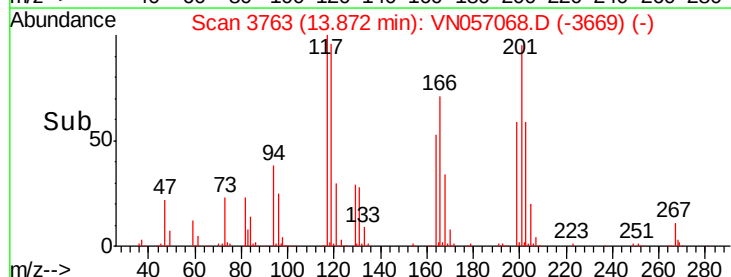
117 100

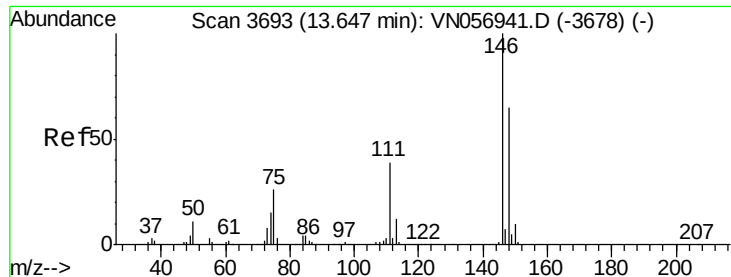
201 95.4 47.0 141.2



Abundance Ion 116.80 (116.50 to 117.50): VN056941.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN056941.D (-3748) (-)

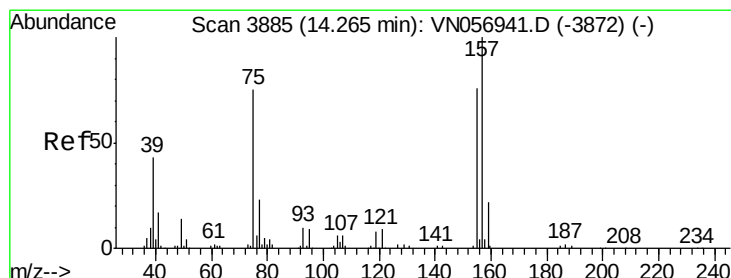
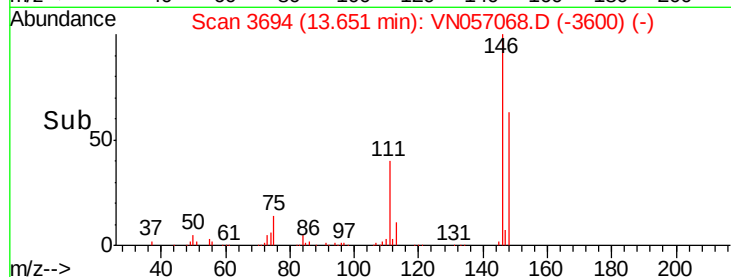
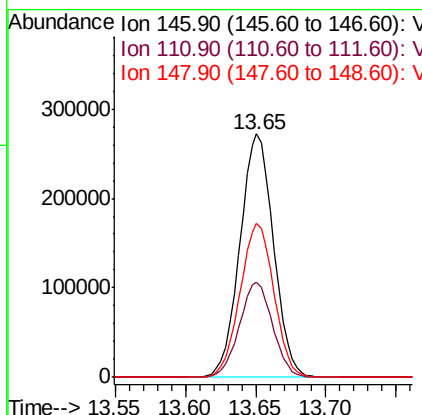
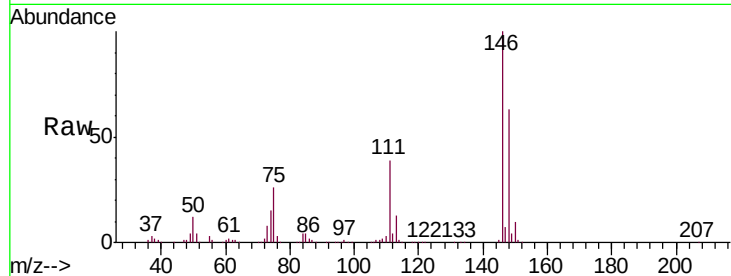




#91
 1,2-Dichlorobenzene
 Concen: 52.462 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

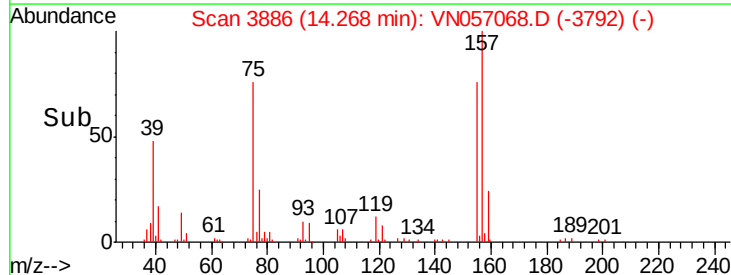
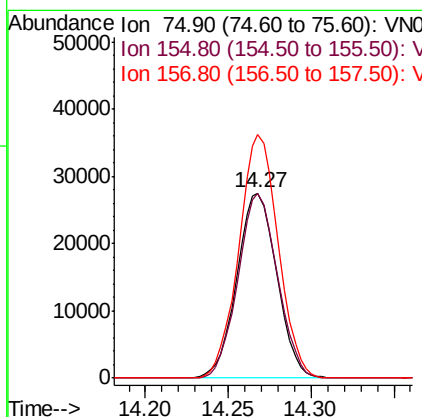
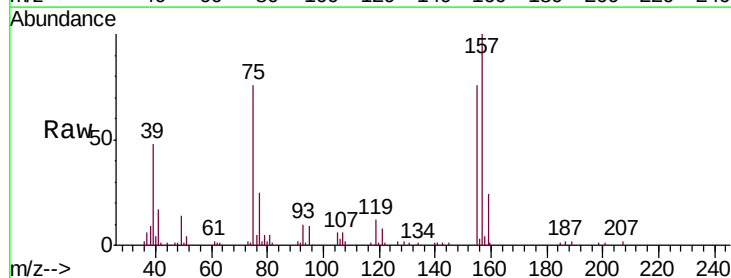
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

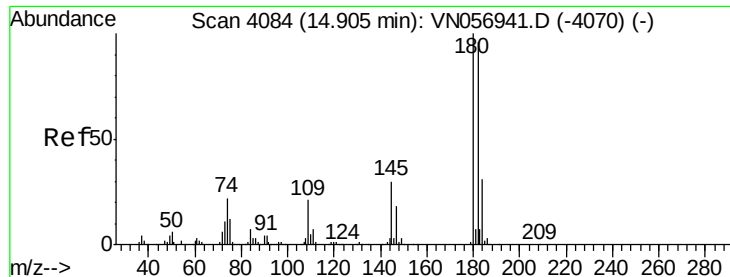
Tgt Ion:146 Resp: 454208
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.4
 148 63.8 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.177 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion: 75 Resp: 45984
 Ion Ratio Lower Upper
 75 100
 155 98.5 50.2 150.6
 157 129.8 65.1 195.4

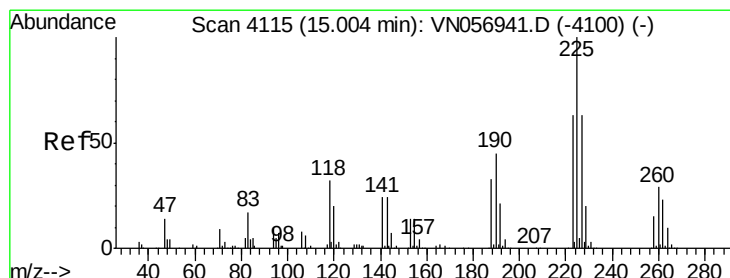
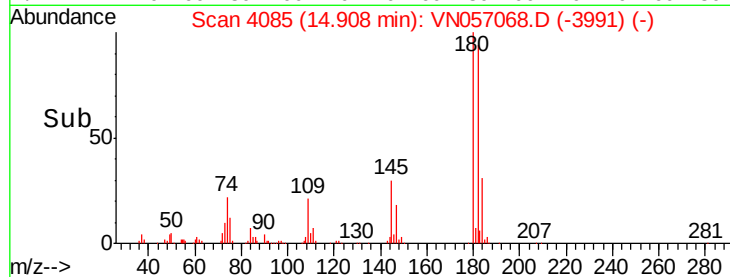
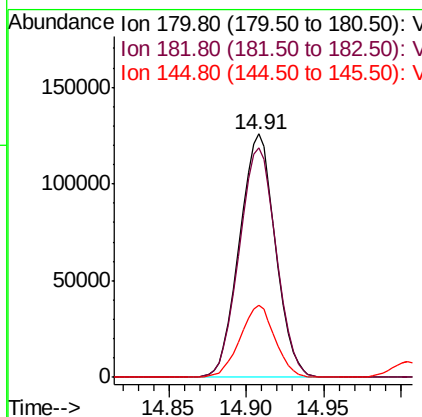
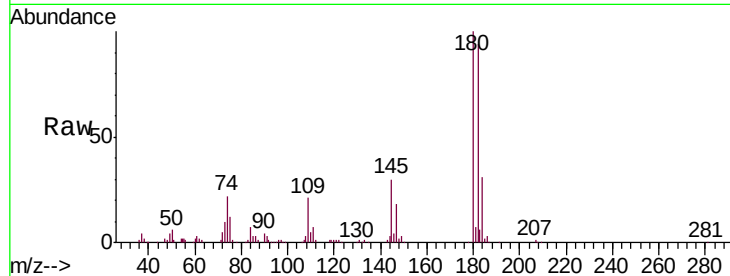




#93
 1,2,4-Trichlorobenzene
 Concen: 45.769 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

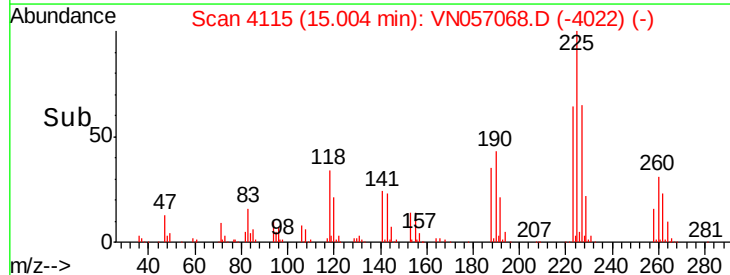
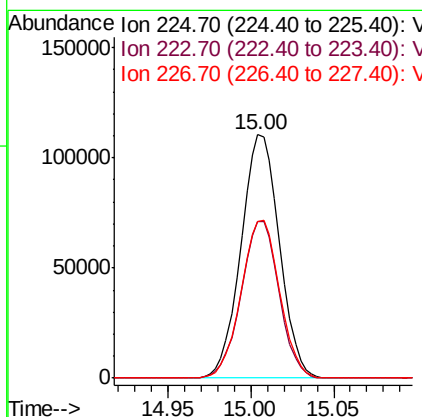
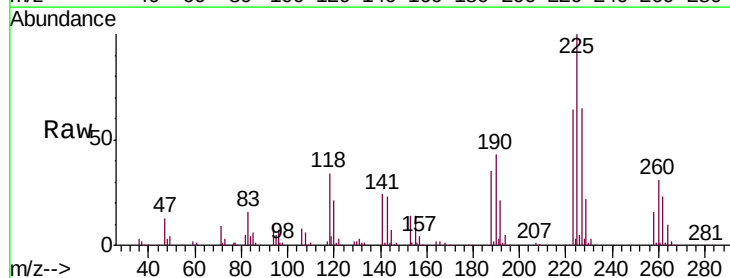
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

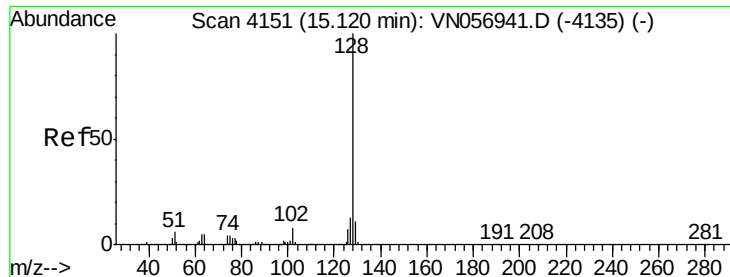
Tgt Ion:180 Resp: 203338
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.6 142.8
 145 28.7 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 59.356 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN057068.D
 Acq: 2 Aug 2019 16:56

Tgt Ion:225 Resp: 177632
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.8 92.4
 227 64.9 31.1 93.5





#95

Naphthalene

Concen: 46.633 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

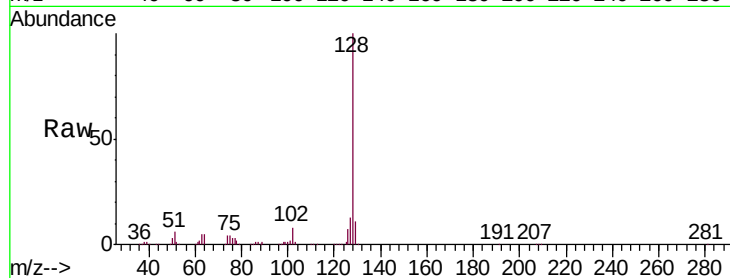
Tgt Ion:128 Resp: 505175

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.8 8.7 13.1

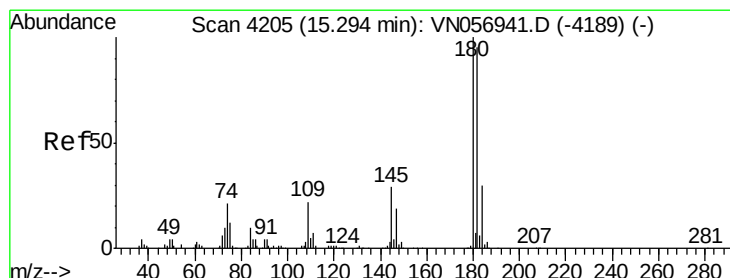
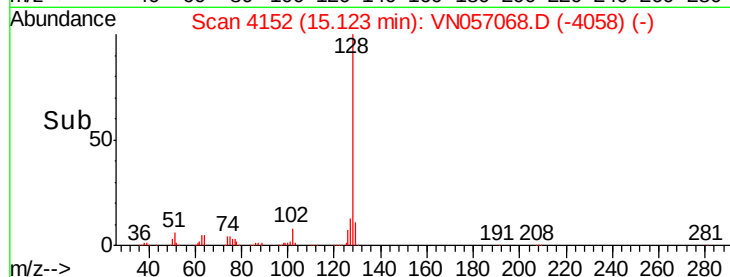
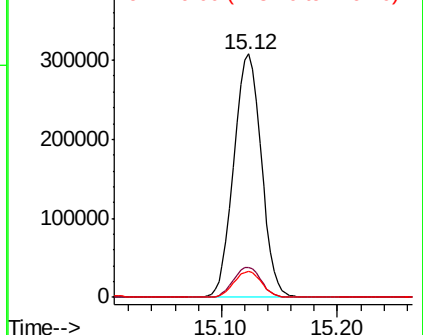


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.138 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057068.D

Acq: 2 Aug 2019 16:56

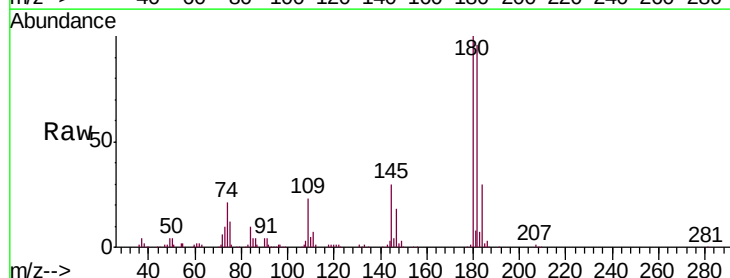
Tgt Ion:180 Resp: 226321

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.2

145 29.9 15.0 45.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

