

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057028.D
 Acq On : 1 Aug 2019 11:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 05:11:22 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	484720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	704608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	634494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	240127	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.58	113	223792	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.08	98	843519	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.40	95	280064	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	260404	53.141	ug/l	97
3) Chloromethane	2.05	50	286815	48.879	ug/l	99
4) Vinyl Chloride	2.18	62	272335	49.497	ug/l	99
5) Bromomethane	2.54	94	164130	47.984	ug/l	97
6) Chloroethane	2.68	64	147482	48.625	ug/l	99
7) Trichlorofluoromethane	3.00	101	379667	52.715	ug/l	100
8) Diethyl Ether	3.40	74	141643	52.548	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	225684	50.541	ug/l	99
10) Methyl Iodide	3.94	142	333163	55.837	ug/l	99
11) Tert butyl alcohol	4.78	59	176336	262.923	ug/l	100
12) 1,1-Dichloroethene	3.72	96	219681	51.560	ug/l	100
13) Acrolein	3.59	56	157113	458.766	ug/l	98
14) Allyl chloride	4.31	41	358758	51.764	ug/l	99
15) Acrylonitrile	4.97	53	532703	270.849	ug/l	99
16) Acetone	3.81	43	469547	261.215	ug/l	99
17) Carbon Disulfide	4.04	76	544993	48.138	ug/l	99
18) Methyl Acetate	4.31	43	287113	50.069	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	687488	54.115	ug/l	99
20) Methylene Chloride	4.54	84	255773	49.397	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	230292	50.893	ug/l	96
22) Diisopropyl ether	5.94	45	734796	51.457	ug/l	97
23) Vinyl Acetate	5.88	43	2649738	267.815	ug/l	99
24) 1,1-Dichloroethane	5.83	63	430891	51.143	ug/l	99
25) 2-Butanone	6.82	43	671608	263.487	ug/l	96
26) 2,2-Dichloropropane	6.81	77	337842	52.736	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	277449	51.841	ug/l	100
28) Bromochloromethane	7.18	49	175761	44.382	ug/l	97
29) Tetrahydrofuran	7.20	42	430923	259.118	ug/l	99
30) Chloroform	7.36	83	434900	50.486	ug/l	99
31) Cyclohexane	7.64	56	385070	47.231	ug/l	97
32) 1,1,1-Trichloroethane	7.56	97	366543	53.329	ug/l	99
36) 1,1-Dichloropropene	7.78	75	316407	51.033	ug/l	100
37) Ethyl Acetate	6.91	43	263017	52.967	ug/l	99
38) Carbon Tetrachloride	7.76	117	320648	54.674	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	398558	50.296	ug/l	99
40) Benzene	8.03	78	998121	52.268	ug/l	100
41) Methacrylonitrile	7.16	41	129118	56.246	ug/l	89
42) 1,2-Dichloroethane	8.11	62	319720	53.420	ug/l	99
43) Isopropyl Acetate	8.15	43	432885	52.743	ug/l	98
44) Trichloroethene	8.82	130	279376	53.103	ug/l	100
45) 1,2-Dichloropropane	9.11	63	268607	52.587	ug/l	99
46) Dibromomethane	9.20	93	168267	54.625	ug/l	98
47) Bromodichloromethane	9.39	83	336131	55.500	ug/l	99
48) Methyl methacrylate	9.19	41	214655	54.171	ug/l	98
49) 1,4-Dioxane	9.19	88	86537	1059.731	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1327661	272.253	ug/l	100
52) Toluene	10.15	92	618995	53.951	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	351681	55.957	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	404065	55.295	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	243422	52.904	ug/l	98
56) Ethyl methacrylate	10.42	69	352283	50.674	ug/l	99
57) 1,3-Dichloropropane	10.70	76	405498	53.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	616100	223.447	ug/l	99
59) 2-Hexanone	10.74	43	945923	251.863	ug/l	99
60) Dibromochloromethane	10.90	129	268399	56.937	ug/l	98
61) 1,2-Dibromoethane	11.00	107	251323	55.971	ug/l	99
64) Tetrachloroethene	10.63	164	286203	52.344	ug/l	99
65) Chlorobenzene	11.43	112	678329	52.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	256579	52.714	ug/l	100
67) Ethyl Benzene	11.50	91	1179544	52.775	ug/l	99
68) m/p-Xylenes	11.62	106	887929	107.647	ug/l	100
69) o-Xylene	11.94	106	433544	53.724	ug/l	97
70) Styrene	11.96	104	722002	50.595	ug/l	100
71) Bromoform	12.12	173	192775	56.728	ug/l #	99
73) Isopropylbenzene	12.25	105	1155836	49.117	ug/l	100
74) N-amyl acetate	12.07	43	351783	51.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	315971	53.291	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	394338	71.313	ug/l #	100
77) Bromobenzene	12.52	156	301007	49.010	ug/l	98
78) n-propylbenzene	12.59	91	1267234	50.435	ug/l	99
79) 2-Chlorotoluene	12.67	91	759087	49.063	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	973187	50.389	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	96121	55.850	ug/l	100
82) 4-Chlorotoluene	12.77	91	744723	51.436	ug/l	99
83) tert-Butylbenzene	12.99	119	854166	49.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	956414	51.465	ug/l	100
85) sec-Butylbenzene	13.17	105	1099201	49.843	ug/l	99
86) p-Isopropyltoluene	13.29	119	1000680	51.109	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	482744	51.673	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	463178	51.501	ug/l	100
89) n-Butylbenzene	13.61	91	785761	52.072	ug/l	100
90) Hexachloroethane	13.87	117	170096	50.453	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	481208	52.336	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51329	54.842	ug/l	99

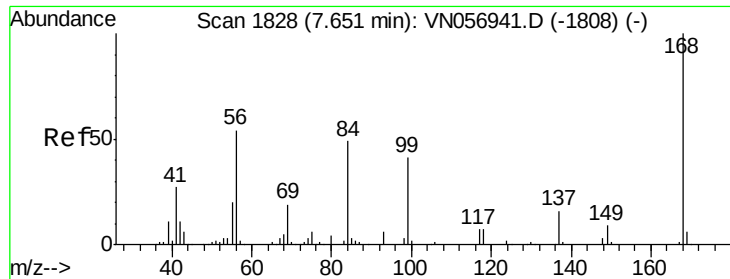
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	216834	45.946	ug/l	100
94) Hexachlorobutadiene	15.00	225	180171	56.531	ug/l	99
95) Naphthalene	15.12	128	565774	48.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	243864	50.841	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

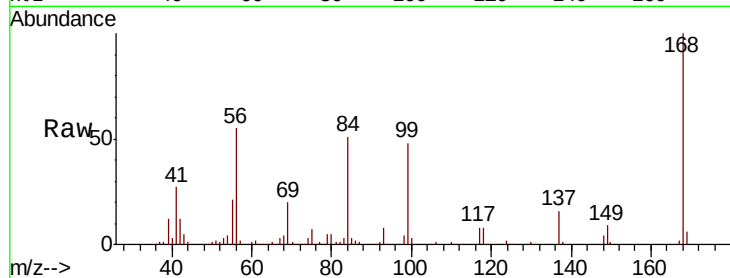
VSTDCCC050

Tot Ion:168 Resp: 484720

Ion Ratio Lower Upper

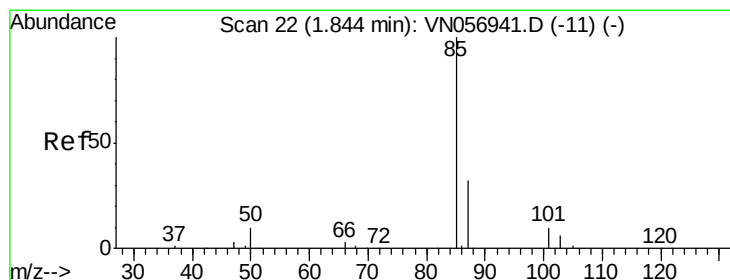
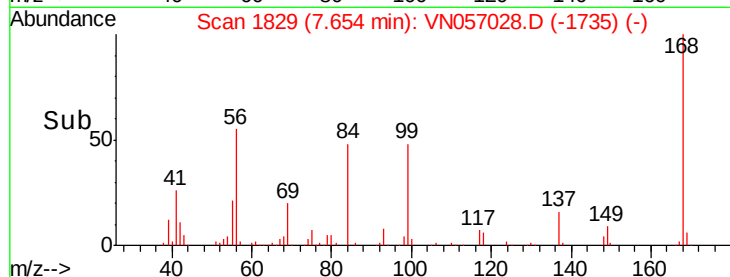
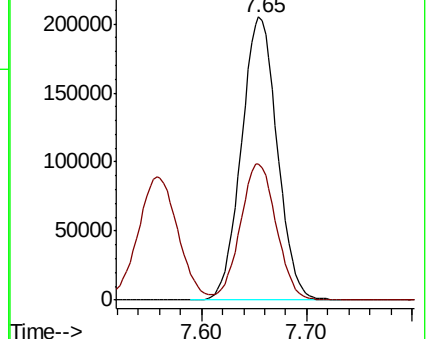
168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 53.141 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057028.D

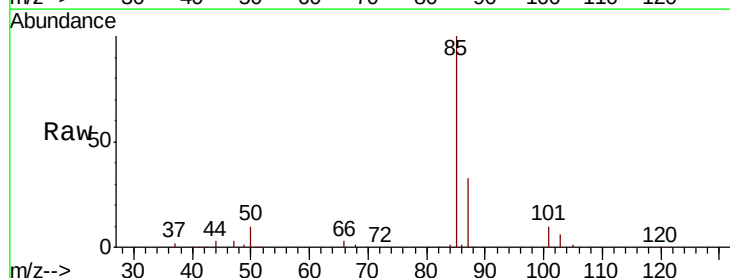
Acq: 1 Aug 2019 11:22

Tgt Ion: 85 Resp: 260404

Ion Ratio Lower Upper

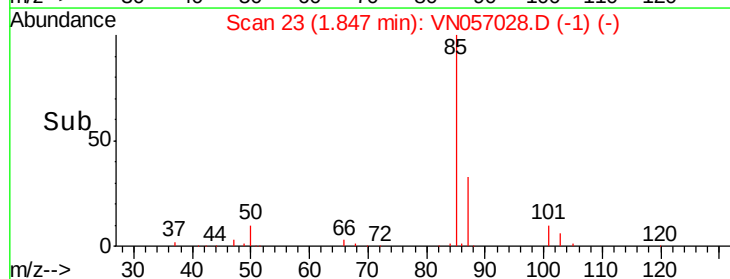
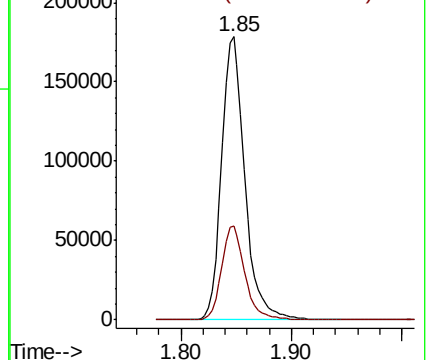
85 100

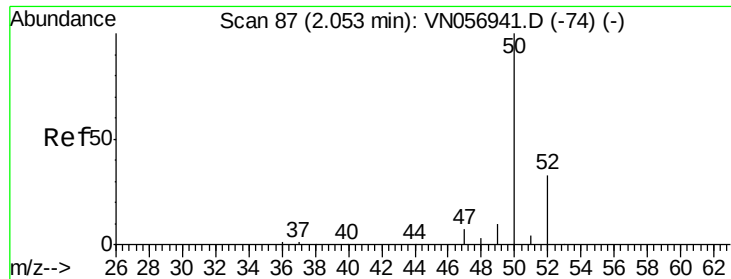
87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 48.879 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

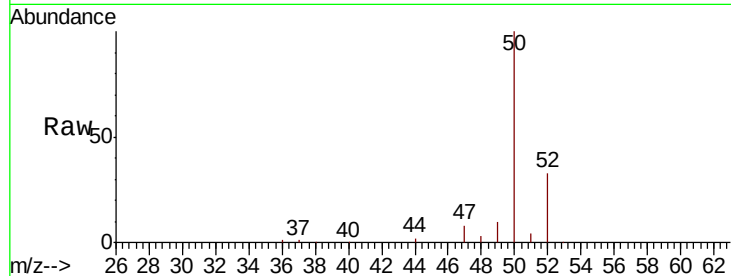
VSTDCCC050

Tot Ion: 50 Resp: 286815

Ion Ratio Lower Upper

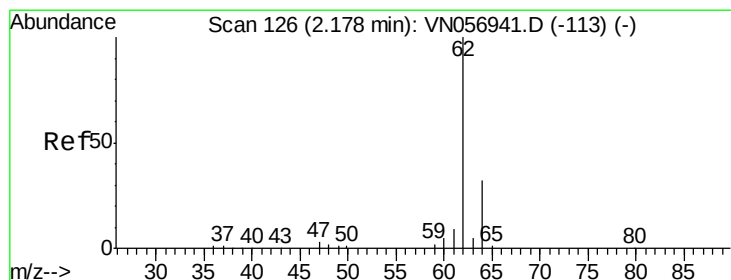
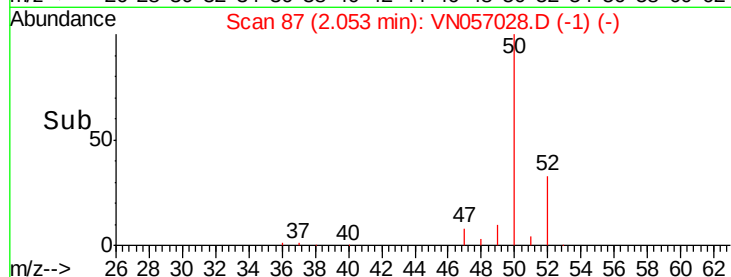
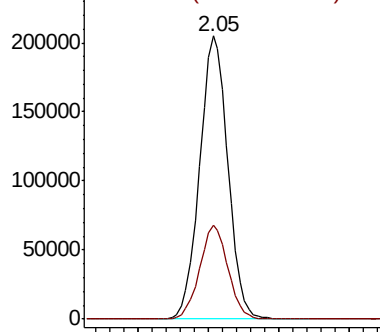
50 100

52 33.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.497 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057028.D

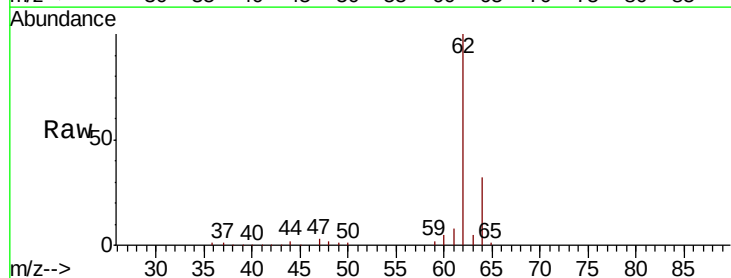
Acq: 1 Aug 2019 11:22

Tgt Ion: 62 Resp: 272335

Ion Ratio Lower Upper

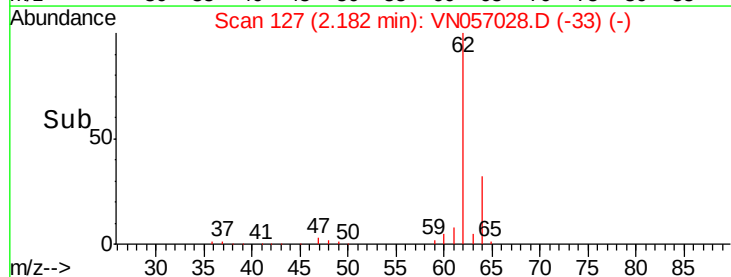
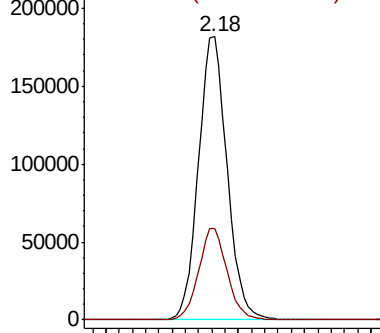
62 100

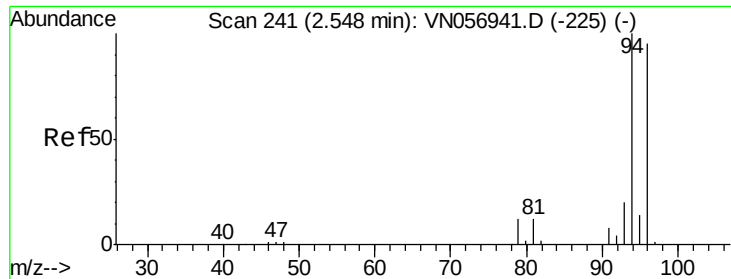
64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

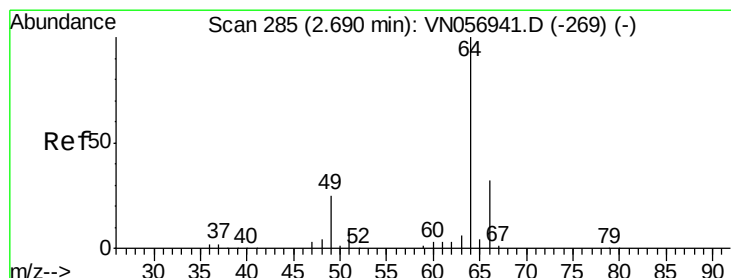
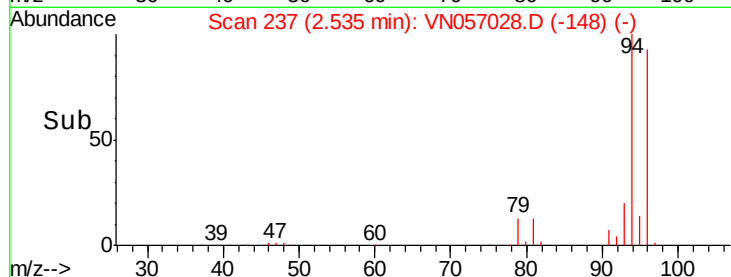
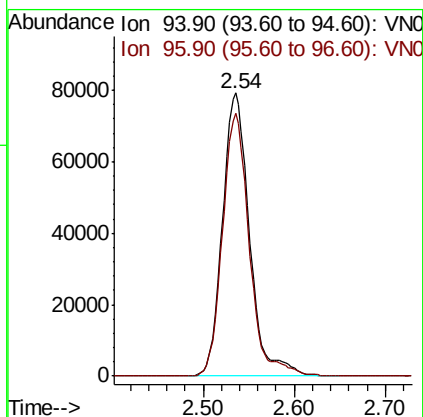
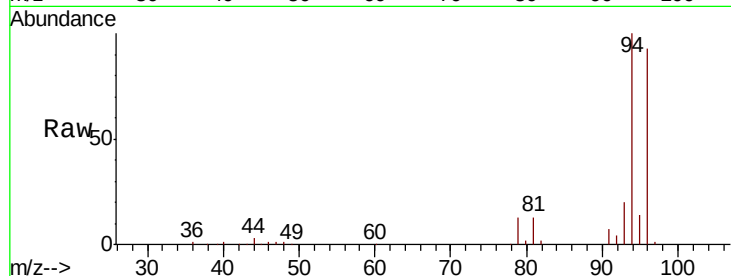




#5
Bromomethane
Concen: 47.984 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.01 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

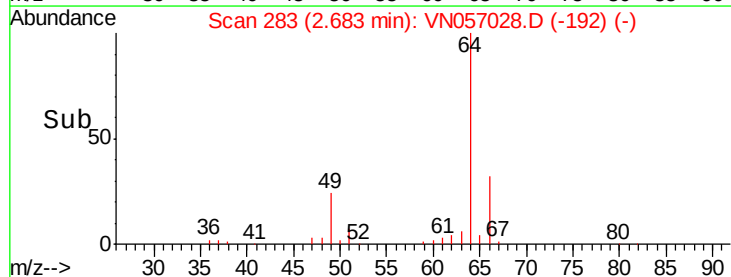
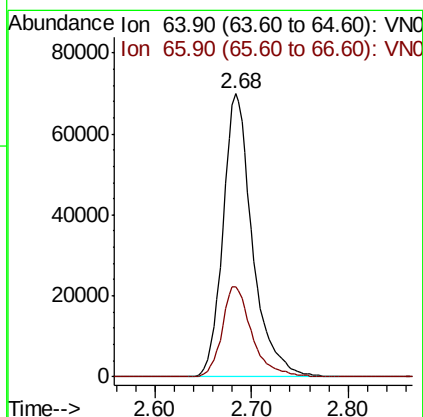
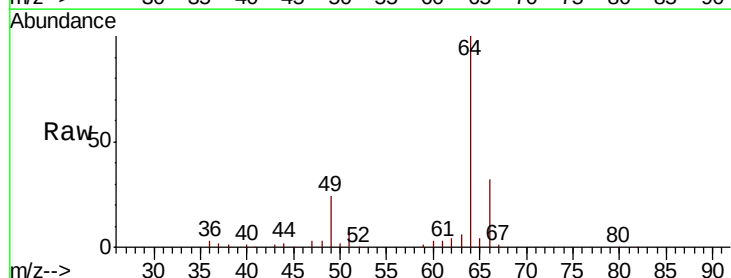
Instrument :
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ClientSampleId :
VSTDCCC050

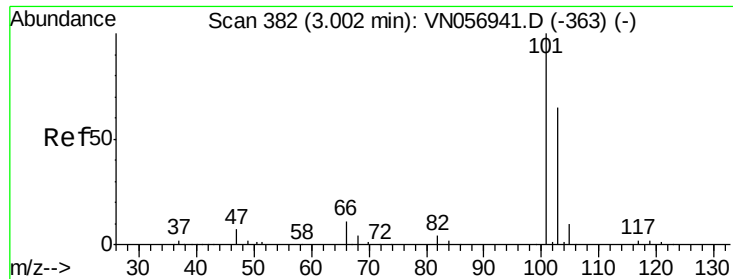
Tot Ion: 94 Resp: 164130
Ion Ratio Lower Upper
94 100
96 92.7 76.2 114.2



#6
Chloroethane
Concen: 48.625 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 64 Resp: 147482
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.8



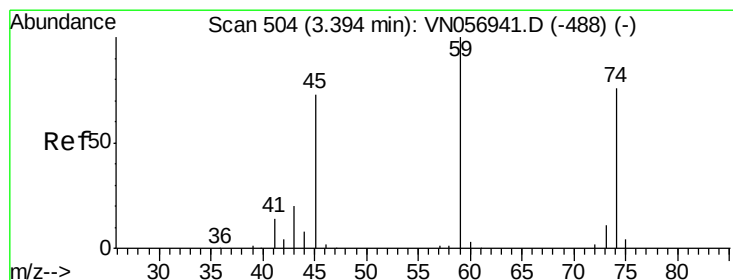
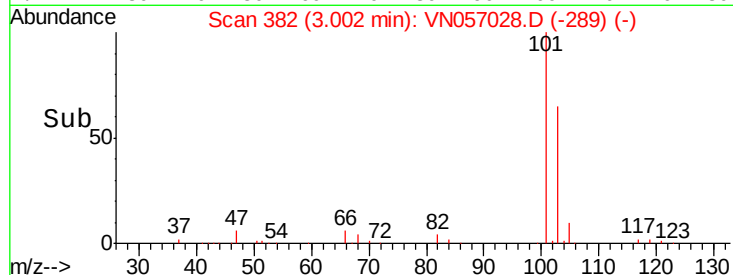
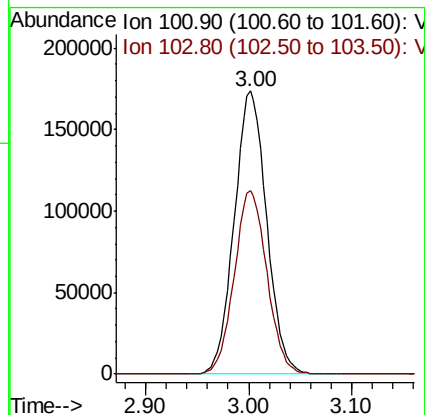
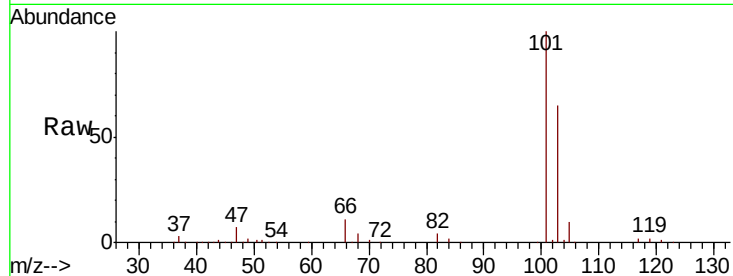


#7

Trichlorofluoromethane
Concen: 52.715 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

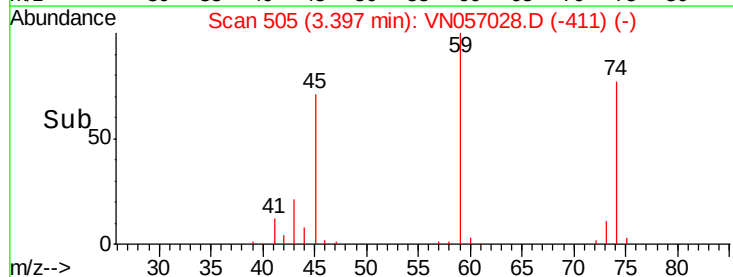
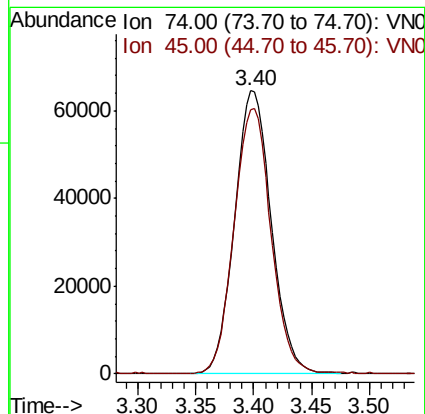
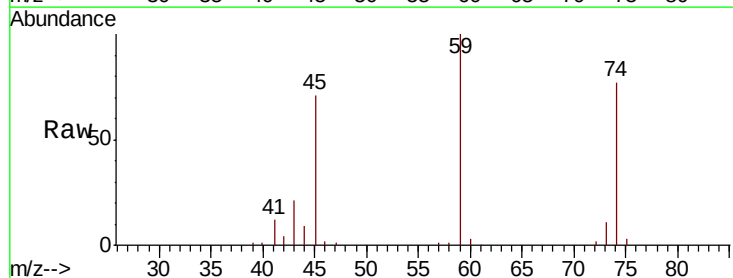
Tot Ion:101 Resp: 379667
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1

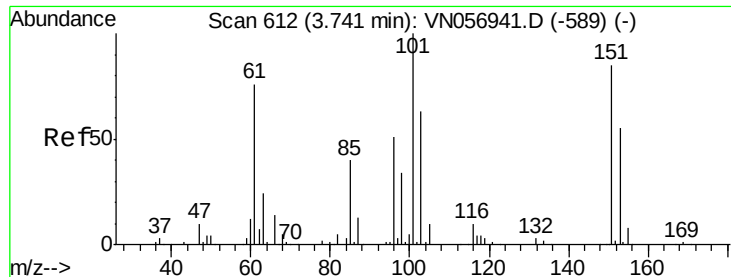


#8

Diethyl Ether
Concen: 52.548 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 74 Resp: 141643
Ion Ratio Lower Upper
74 100
45 94.4 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.541 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

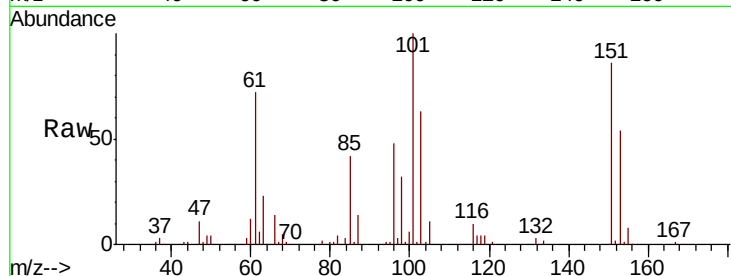
Tot Ion:101 Resp: 225684

Ion Ratio Lower Upper

101 100

85 41.8 32.3 48.5

151 85.1 68.0 102.0

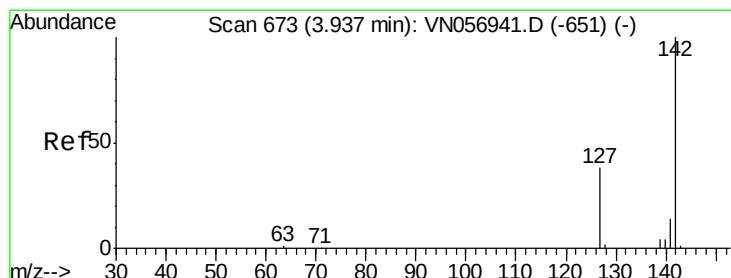
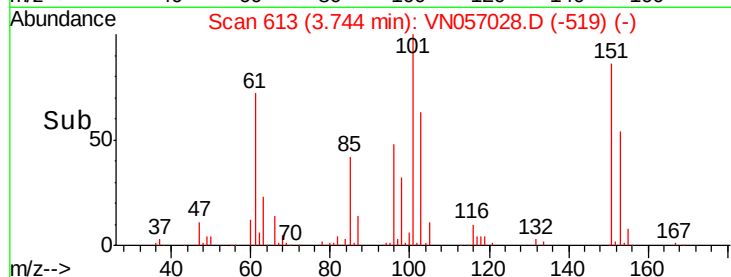
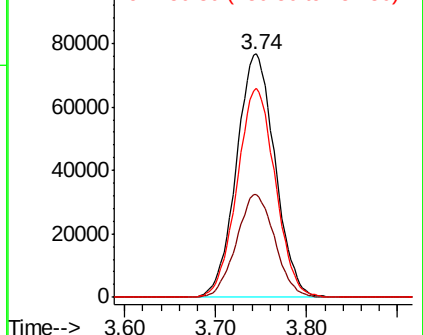


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.837 ug/l

RT: 3.94 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

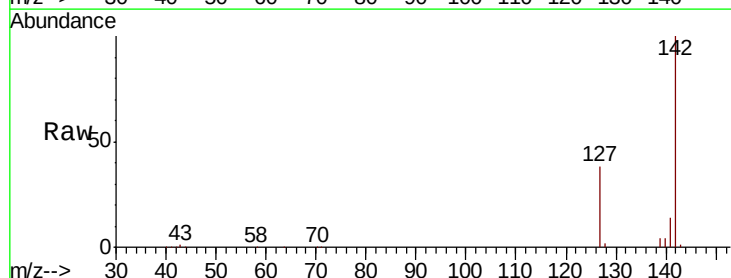
Tgt Ion:142 Resp: 333163

Ion Ratio Lower Upper

142 100

127 38.4 30.4 45.6

141 14.2 11.1 16.7

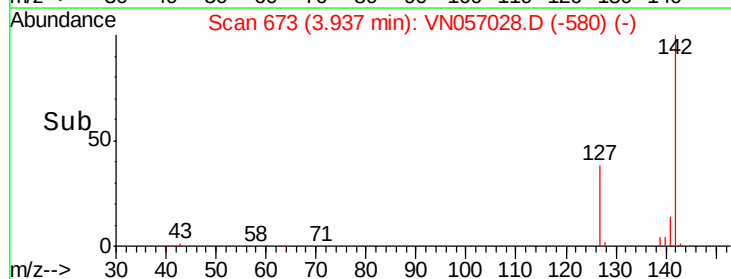
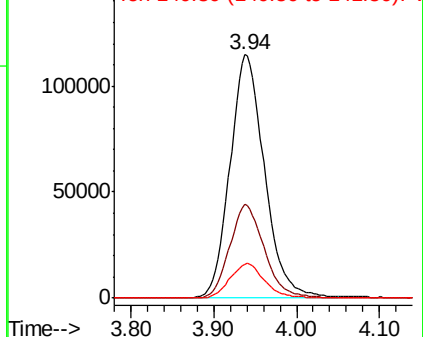


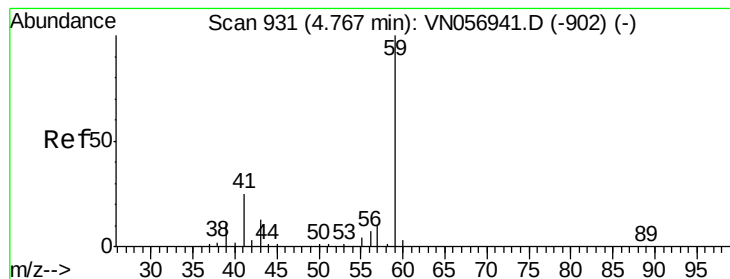
Abundance

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



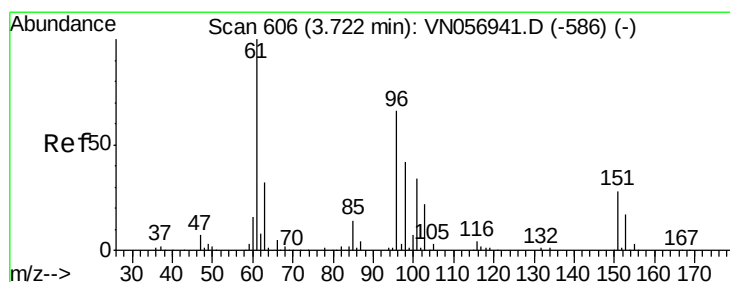
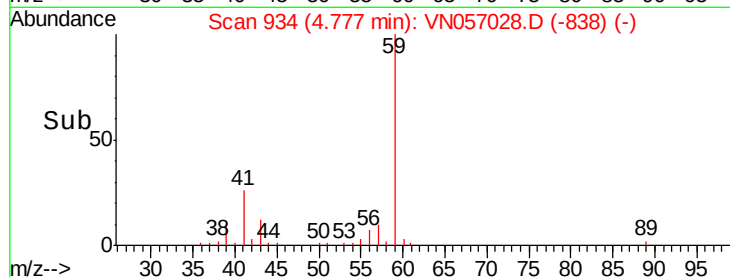
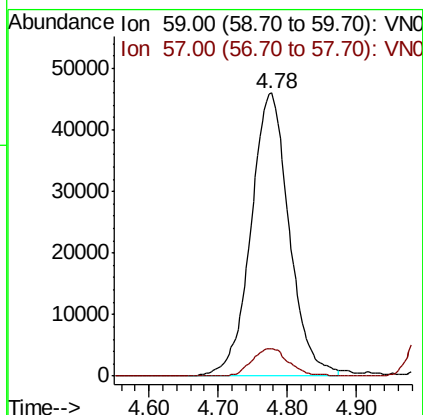
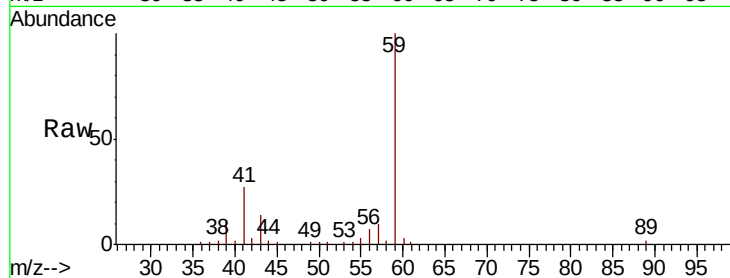


#11

Tert butyl alcohol
 Concen: 262.923 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

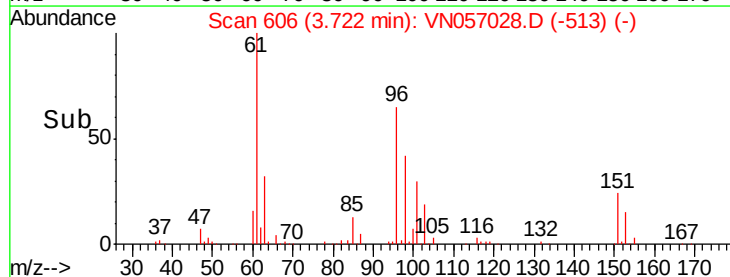
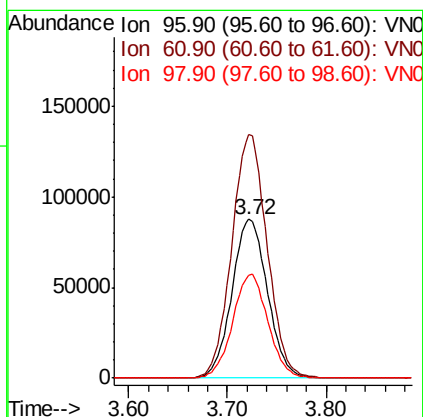
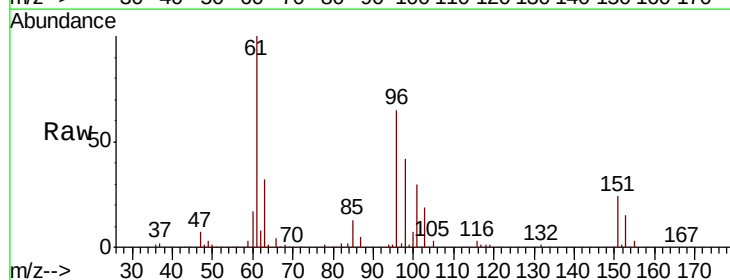
Tot Ion: 59 Resp: 176336
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.5 11.3

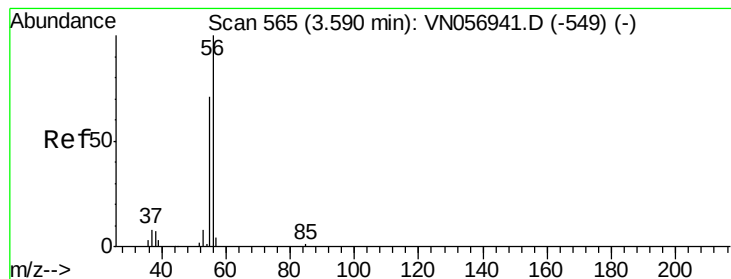


#12

1,1-Dichloroethene
 Concen: 51.560 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 96 Resp: 219681
 Ion Ratio Lower Upper
 96 100
 61 153.1 121.8 182.8
 98 64.8 51.7 77.5





#13

Acrolein

Concen: 458.766 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

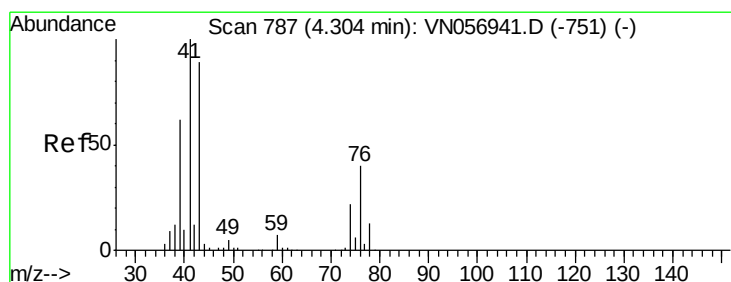
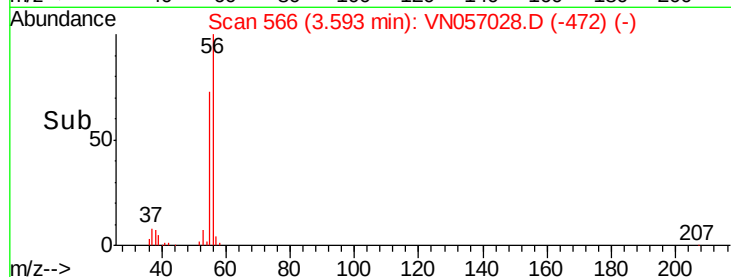
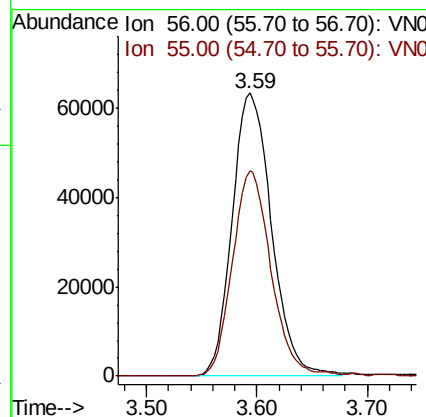
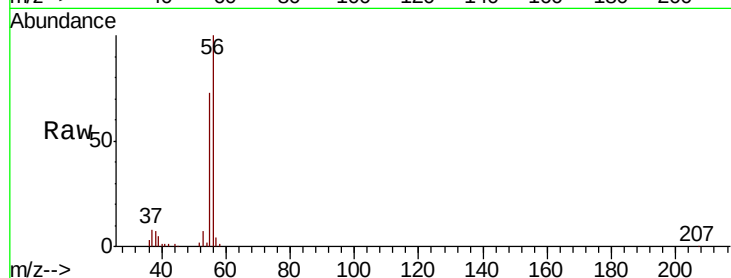
VSTDCCC050

Tot Ion: 56 Resp: 157113

Ion Ratio Lower Upper

56 100

55 71.1 55.8 83.6



#14

Allyl chloride

Concen: 51.764 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

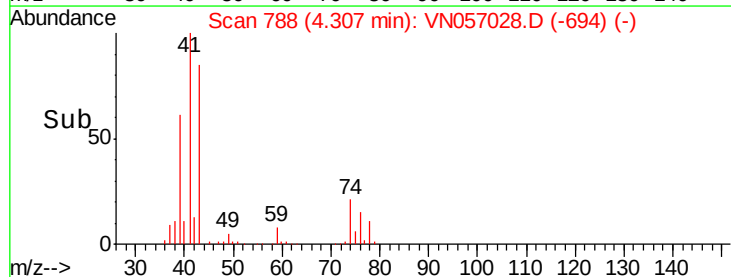
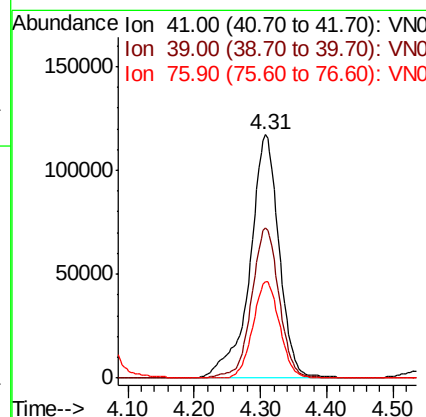
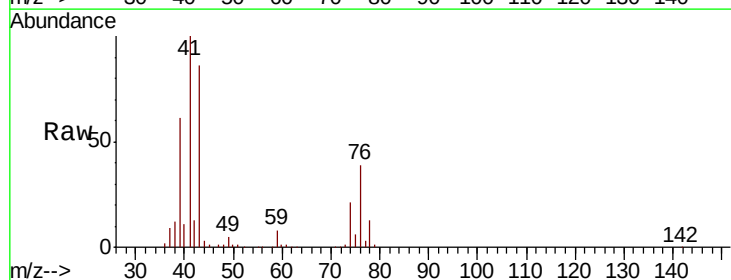
Tgt Ion: 41 Resp: 358758

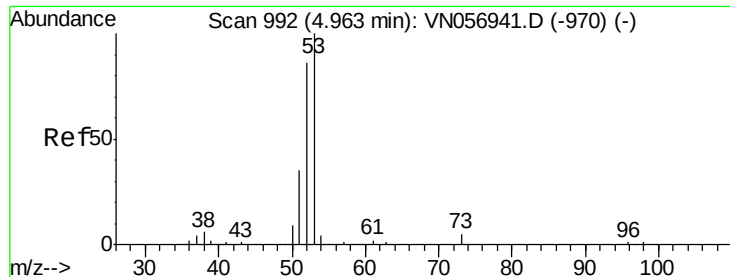
Ion Ratio Lower Upper

41 100

39 58.1 46.4 69.6

76 36.3 28.4 42.6





#15

Acrylonitrile

Concen: 270.849 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

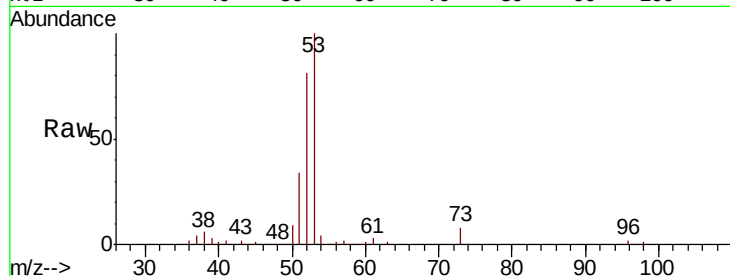
Tot Ion: 53 Resp: 532703

Ion Ratio Lower Upper

53 100

52 81.6 66.5 99.7

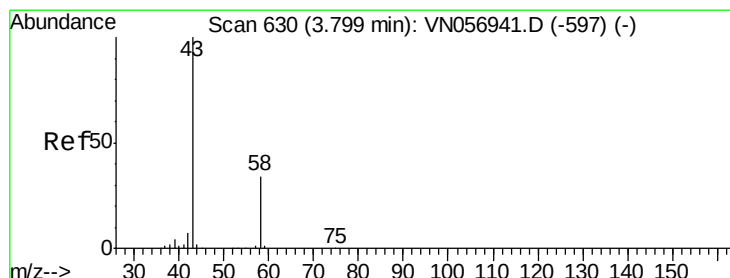
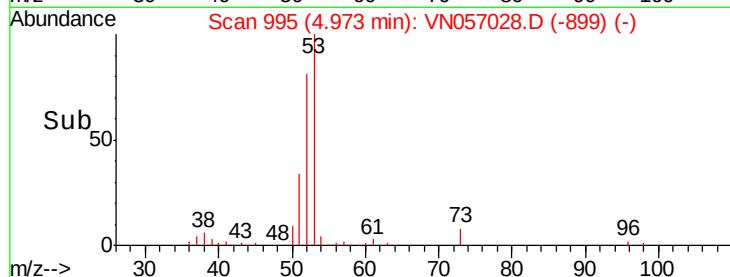
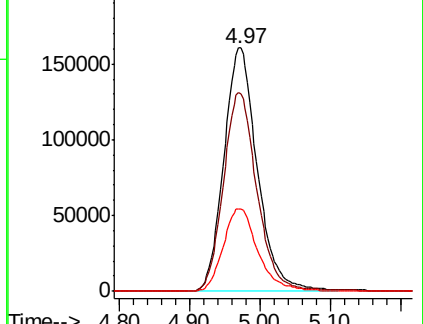
51 35.3 28.4 42.6



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: 261.215 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057028.D

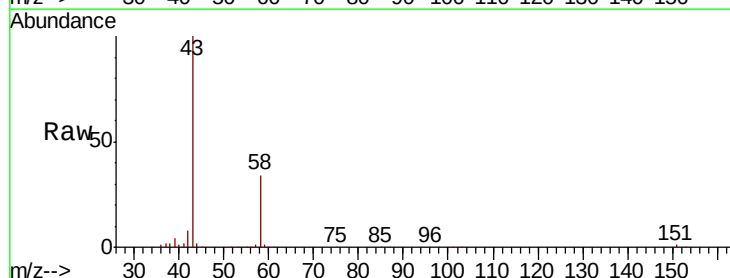
Acq: 1 Aug 2019 11:22

Tgt Ion: 43 Resp: 469547

Ion Ratio Lower Upper

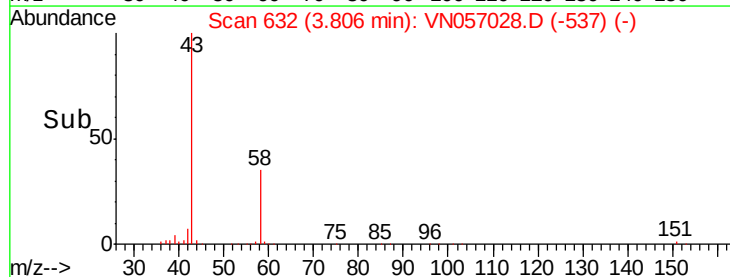
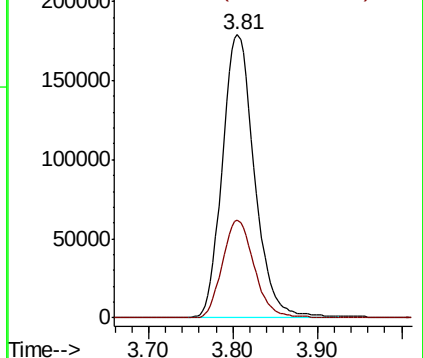
43 100

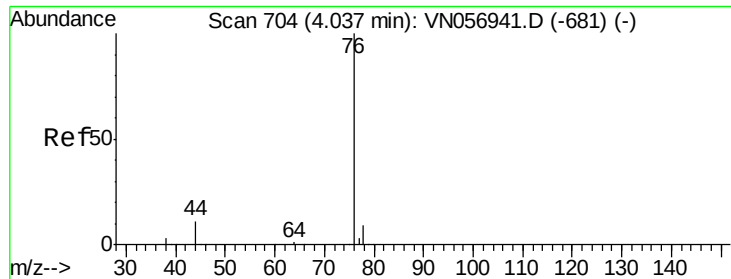
58 34.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 48.138 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

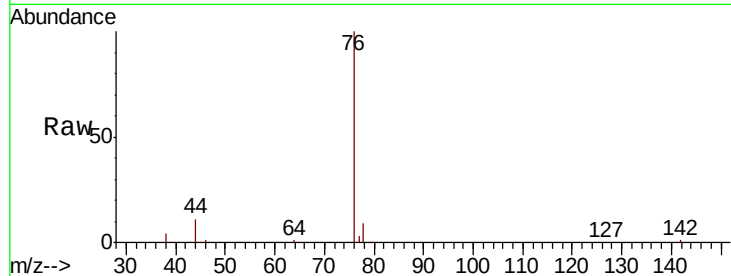
VSTDCCC050

Tot Ion: 76 Resp: 544993

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

200000

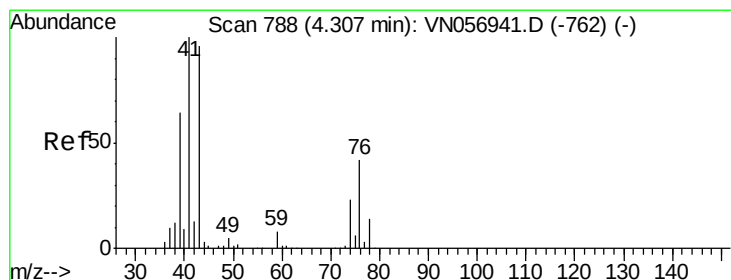
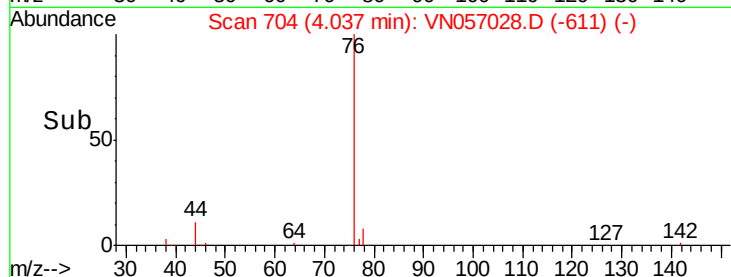
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.069 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057028.D

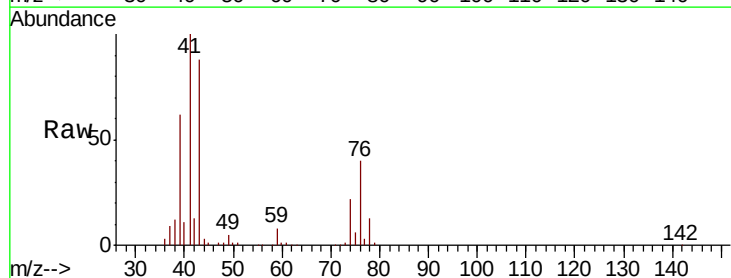
Acq: 1 Aug 2019 11:22

Tgt Ion: 43 Resp: 287113

Ion Ratio Lower Upper

43 100

74 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

120000

100000

80000

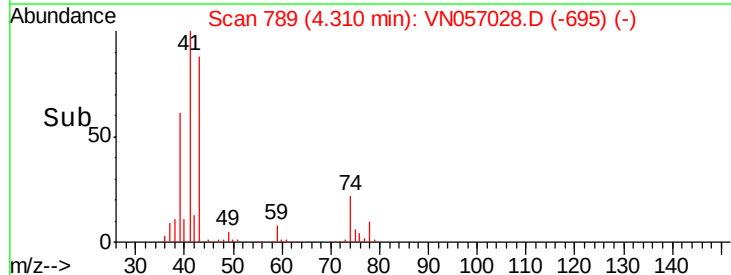
60000

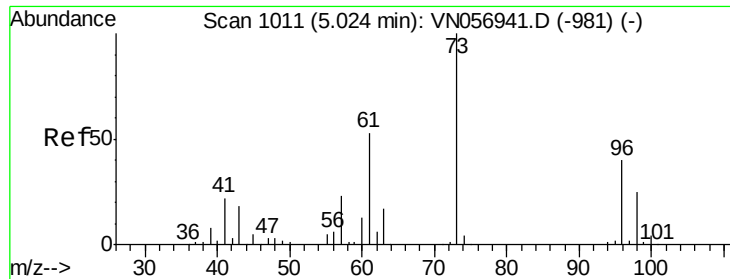
40000

20000

0

Time-->

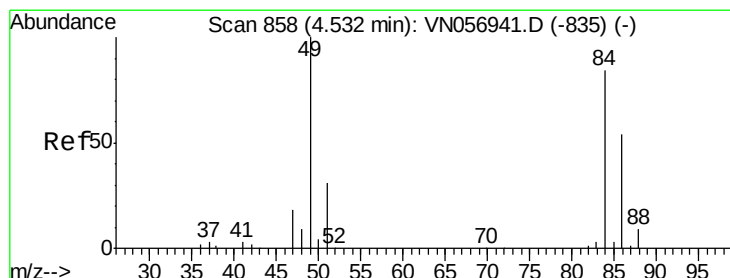
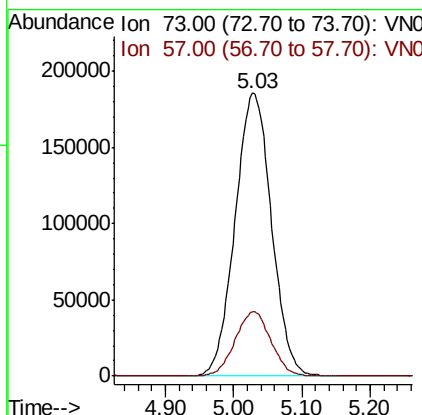
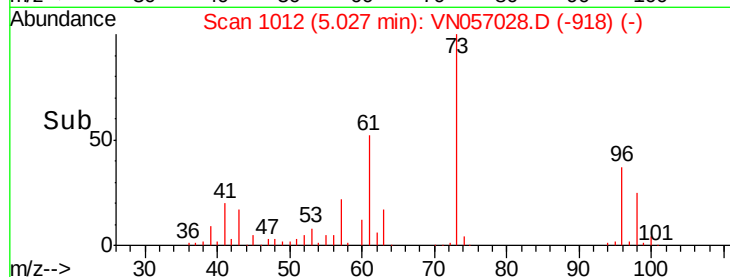
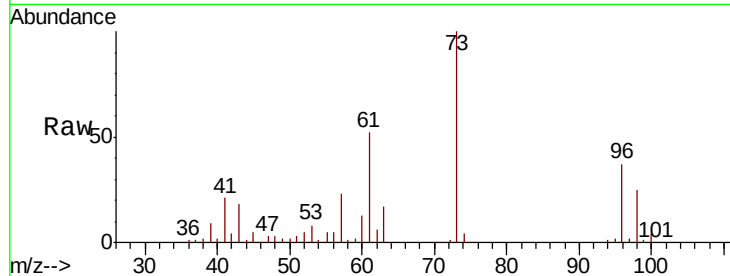




#19
Methvl tert-butvl Ether
Concen: 54.115 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

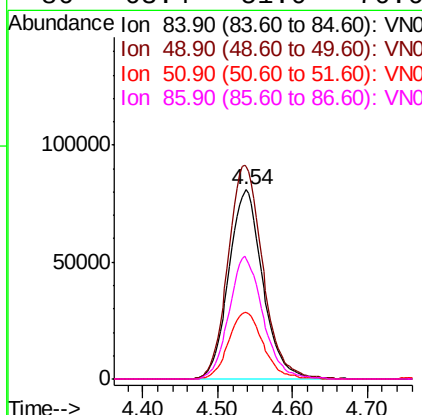
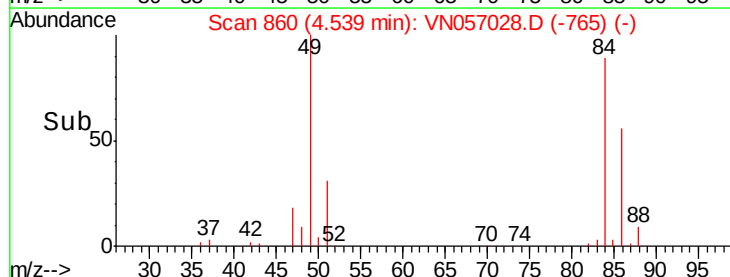
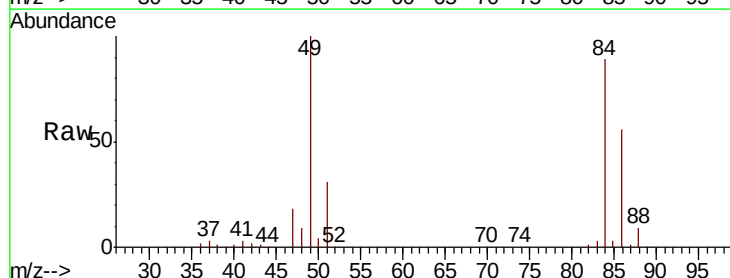
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

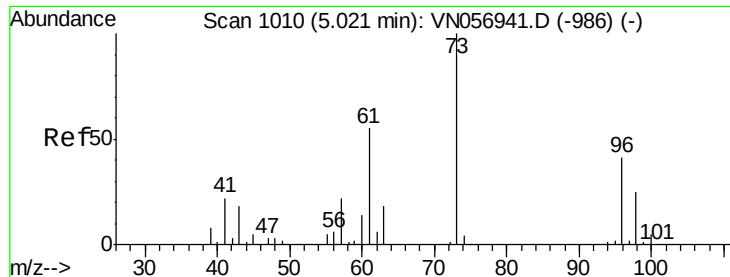
Tot Ion: 73 Resp: 687488
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 49.397 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 84 Resp: 255773
Ion Ratio Lower Upper
84 100
49 112.3 95.2 142.8
51 35.4 29.7 44.5
86 63.4 51.0 76.6

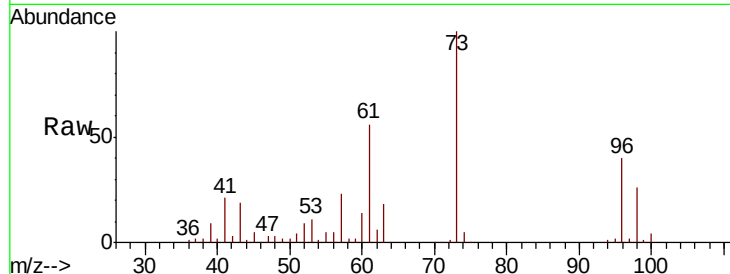




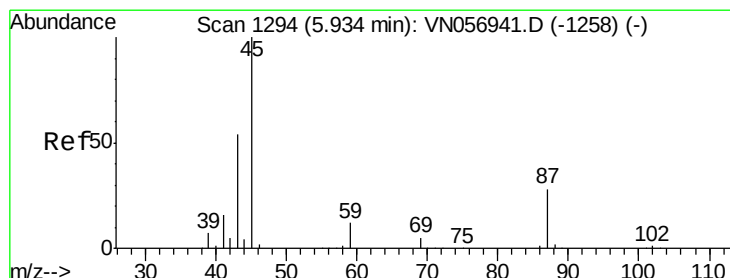
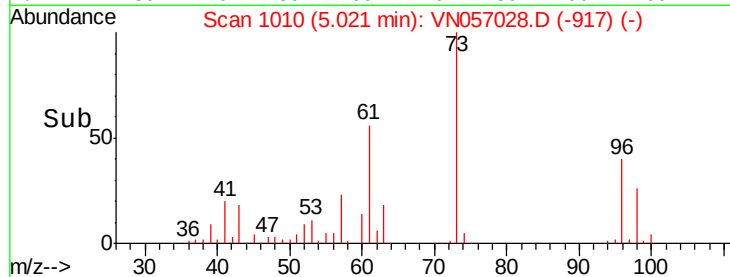
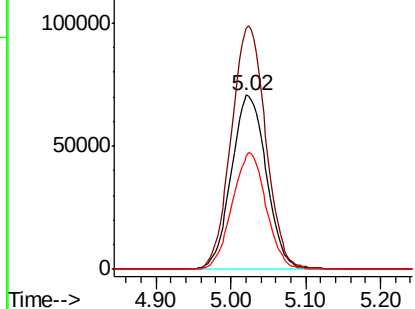
#21
trans-1,2-Dichloroethene
Concen: 50.893 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 230292
Ion Ratio Lower Upper
96 100
61 138.9 107.5 161.3
98 65.1 49.9 74.9

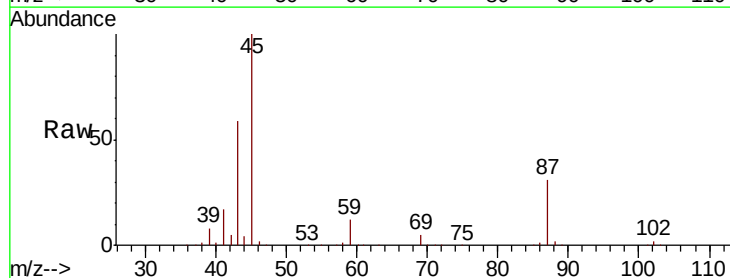


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

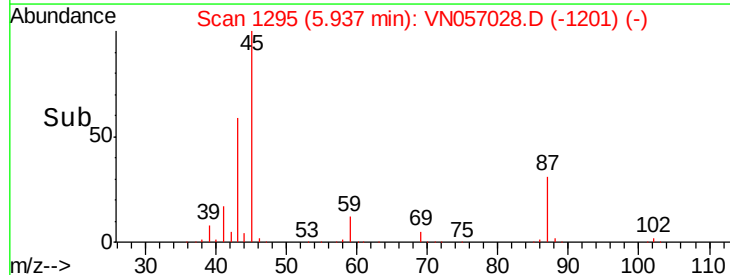
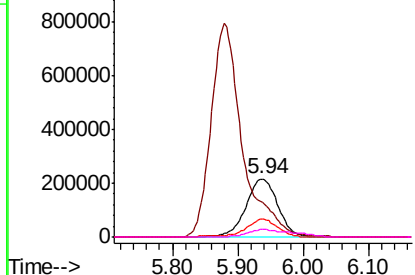


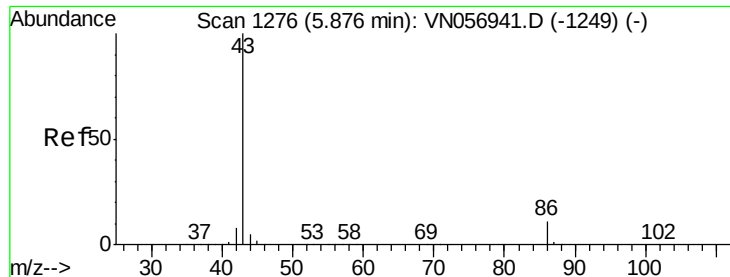
#22
Diisopropyl ether
Concen: 51.457 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 45 Resp: 734796
Ion Ratio Lower Upper
45 100
43 57.9 44.7 67.1
87 31.2 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: 267.815 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

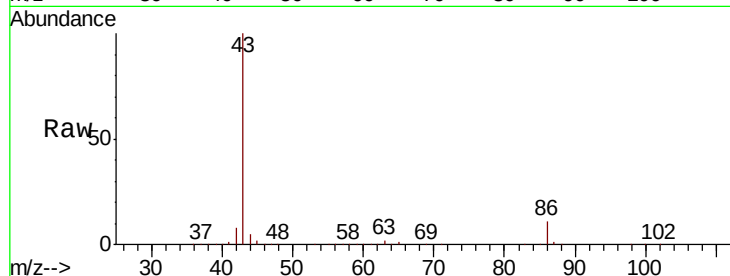
VSTDCCC050

Tot Ion: 43 Resp: 2649738

Ion Ratio Lower Upper

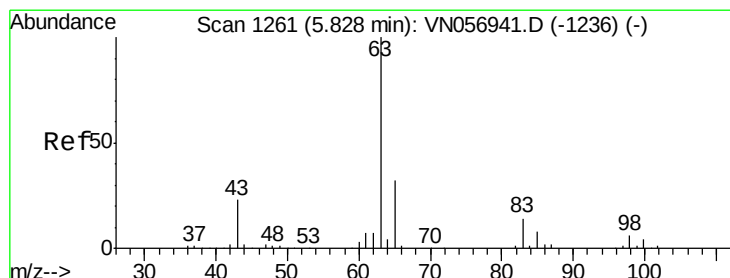
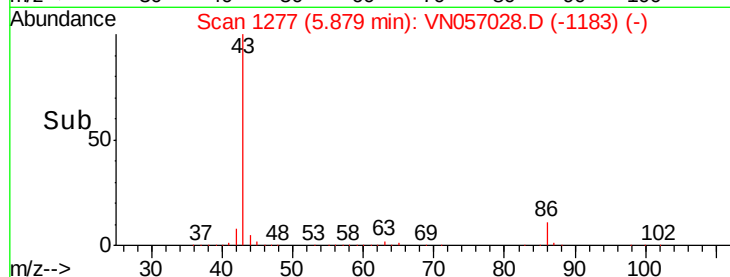
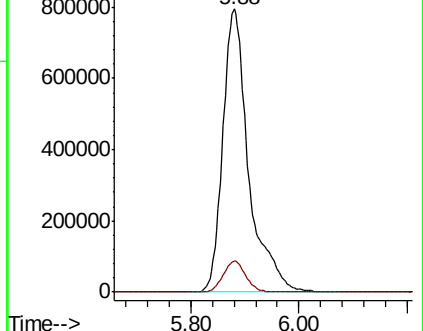
43 100

86 11.0 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.143 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

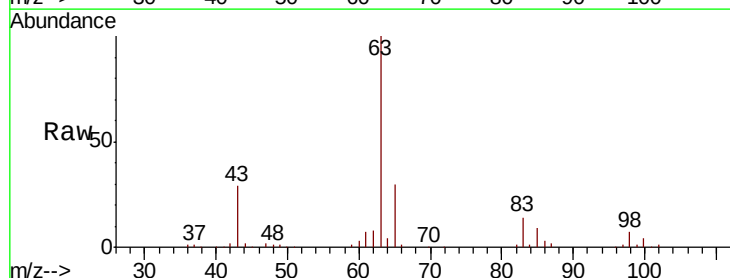
Tgt Ion: 63 Resp: 430891

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

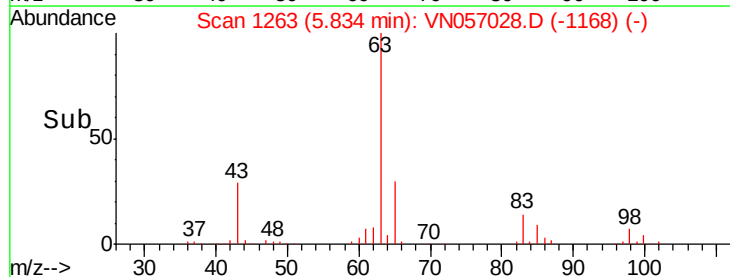
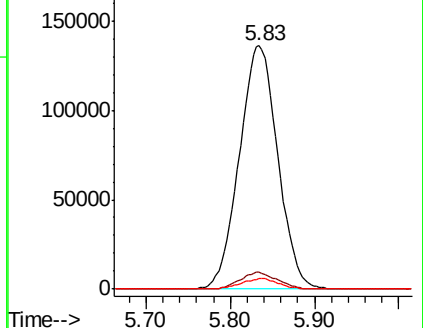
100 4.2 2.1 6.3

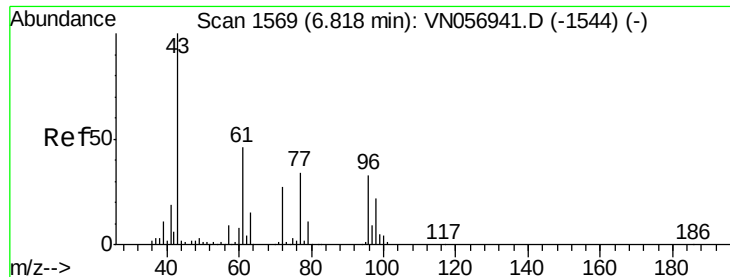


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

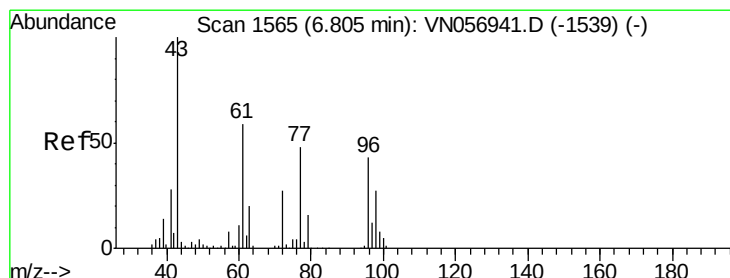
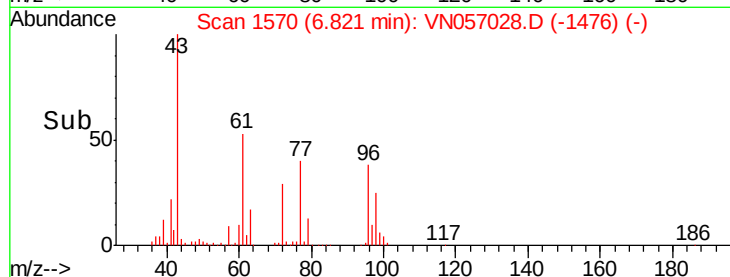
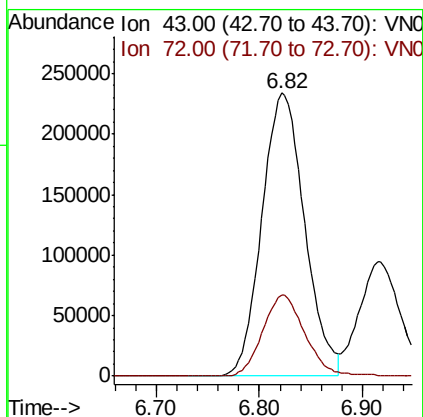
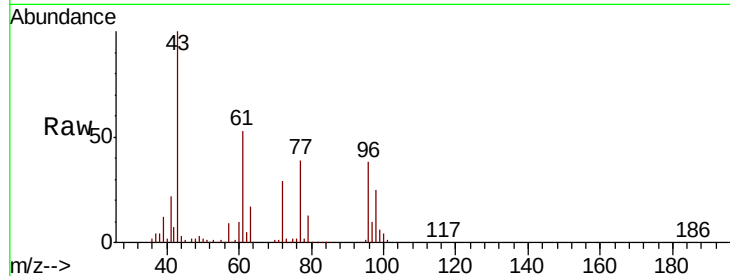




#25
 2-Butanone
 Concen: 263.487 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

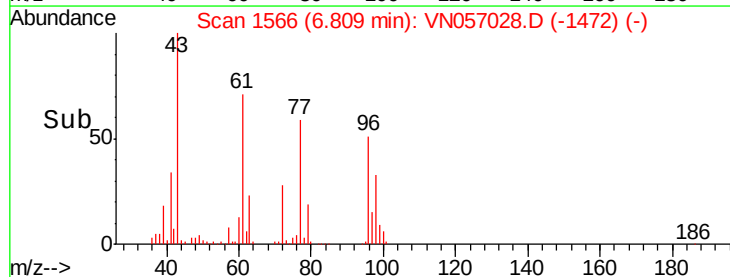
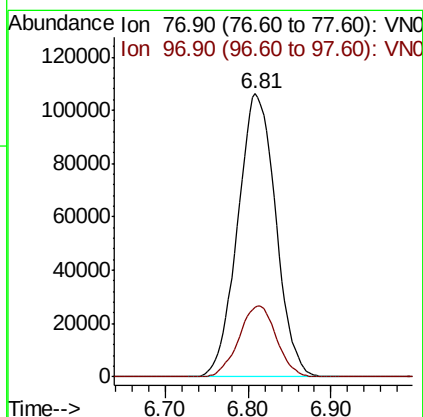
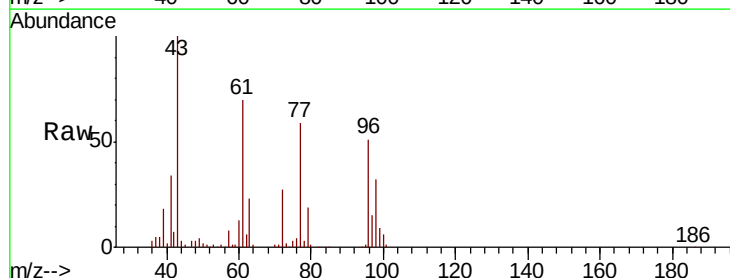
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

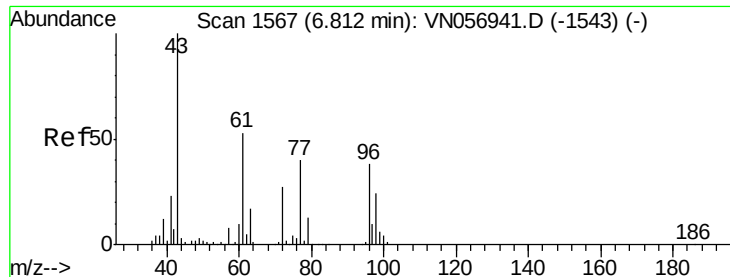
Tot Ion: 43 Resp: 671608
 Ion Ratio Lower Upper
 43 100
 72 28.8 21.5 32.3



#26
 2,2-Dichloropropane
 Concen: 52.736 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 77 Resp: 337842
 Ion Ratio Lower Upper
 77 100
 97 24.8 12.2 36.6

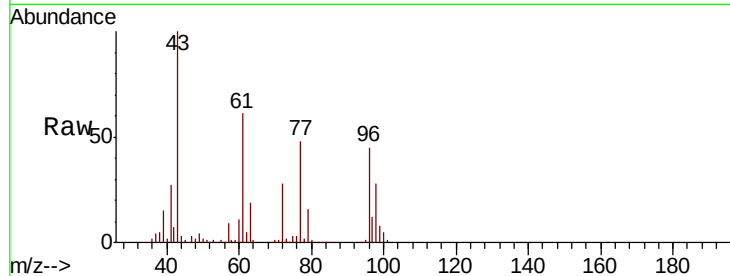




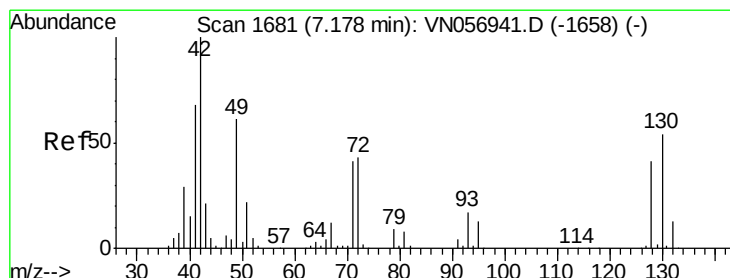
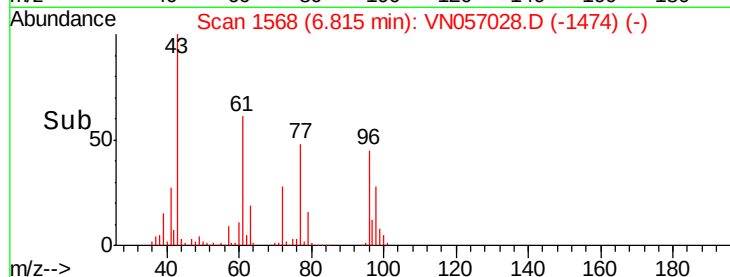
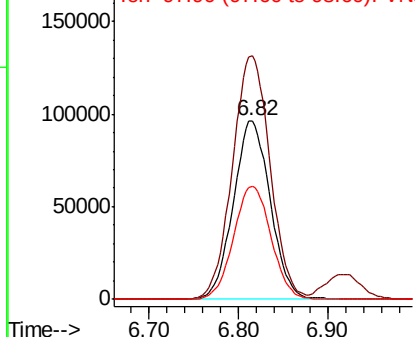
#27
 cis-1,2-Dichloroethene
 Concen: 51.841 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 277449
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 277.2
 98 64.4 0.0 128.4

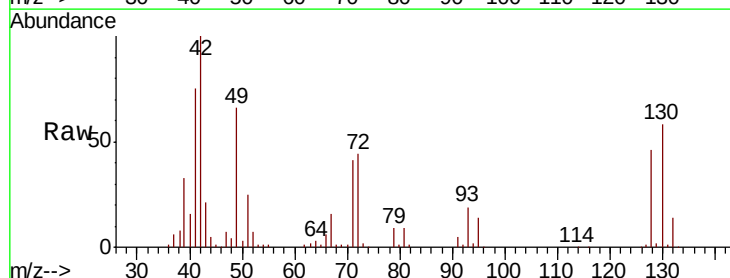


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

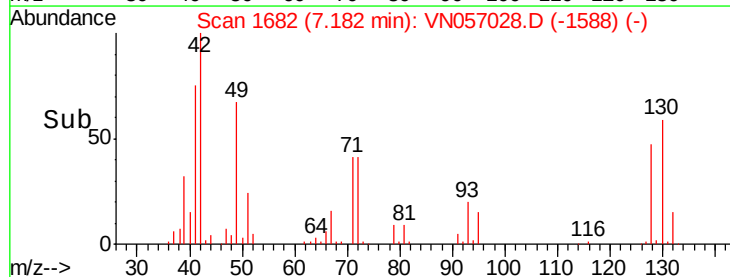
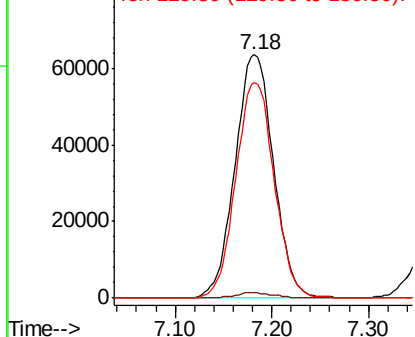


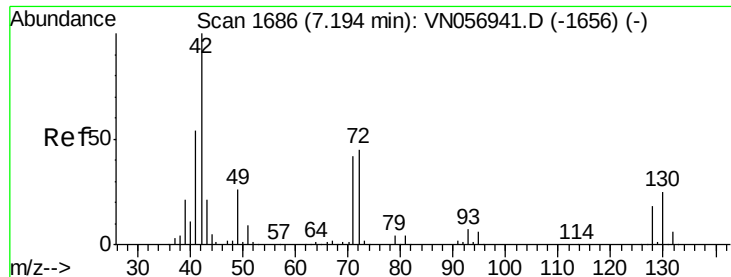
#28
 Bromochloromethane
 Concen: 44.382 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 49 Resp: 175761
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 88.6 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: 259.118 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

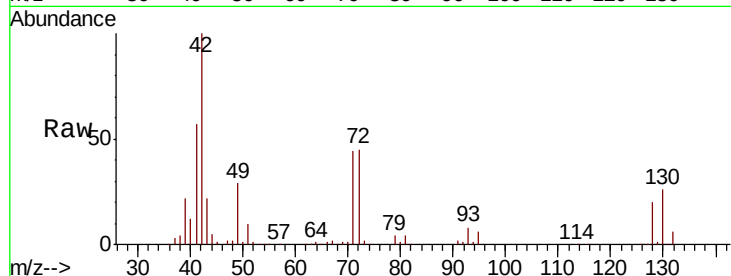
Tot Ion: 42 Resp: 430923

Ion Ratio Lower Upper

42 100

72 45.5 35.6 53.4

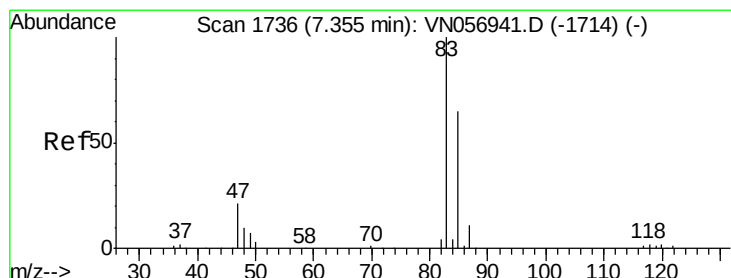
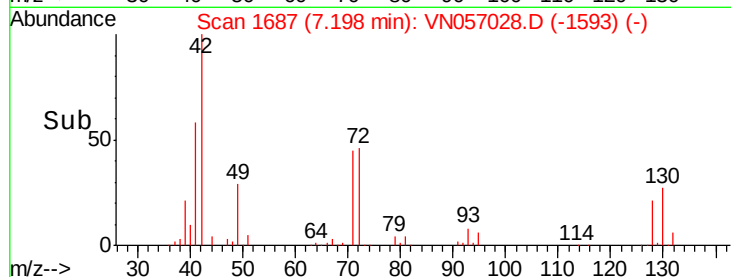
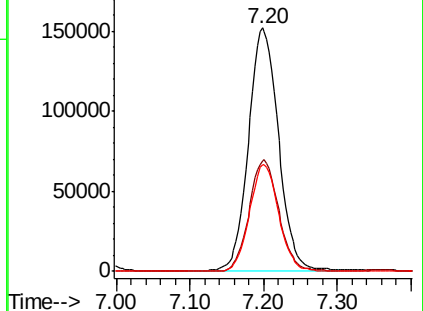
71 42.7 33.5 50.3



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: 50.486 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN057028.D

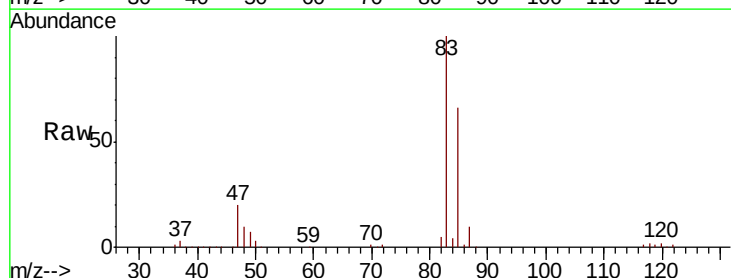
Acq: 1 Aug 2019 11:22

Tgt Ion: 83 Resp: 434900

Ion Ratio Lower Upper

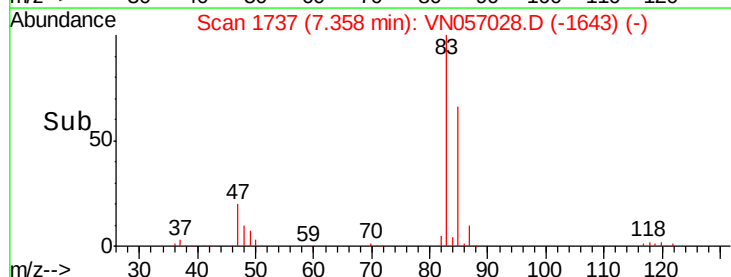
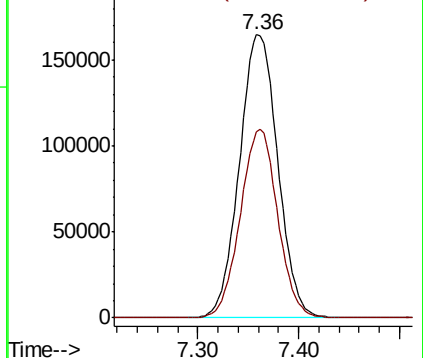
83 100

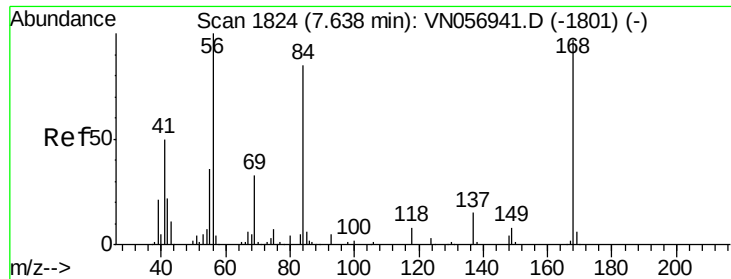
85 65.7 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.231 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

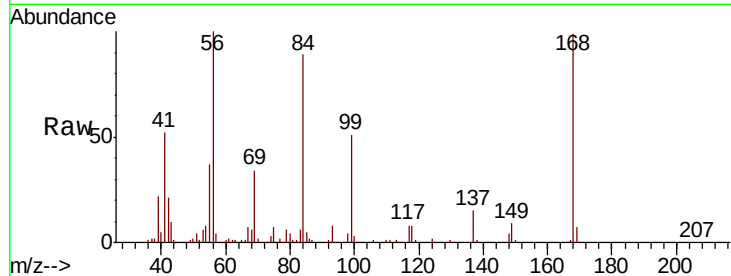
Tot Ion: 56 Resp: 385070

Ion Ratio Lower Upper

56 100

69 34.2 26.2 39.2

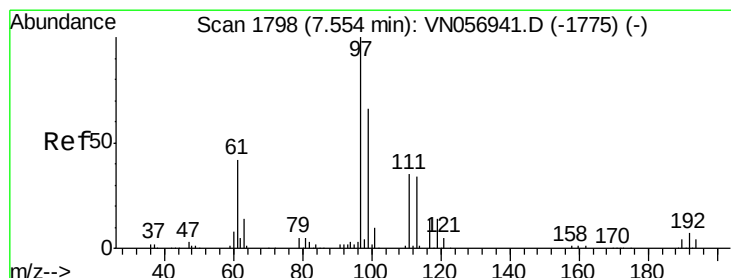
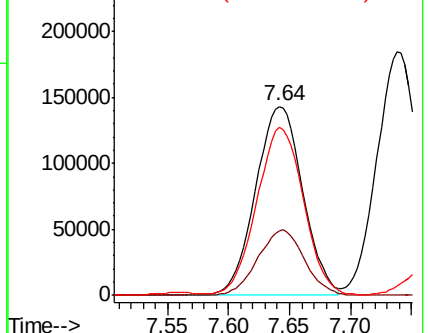
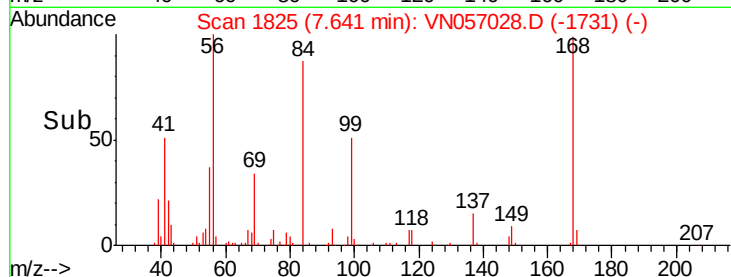
84 87.7 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VN056941.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN056941.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN056941.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 53.329 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

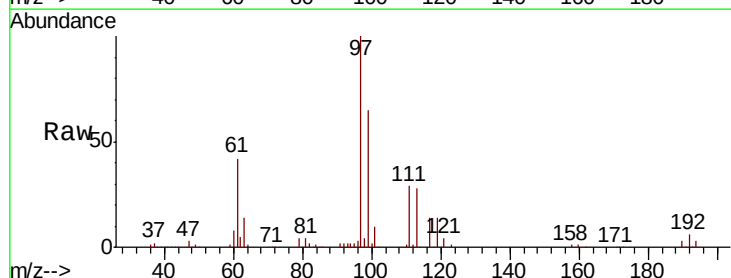
Tgt Ion: 97 Resp: 366543

Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

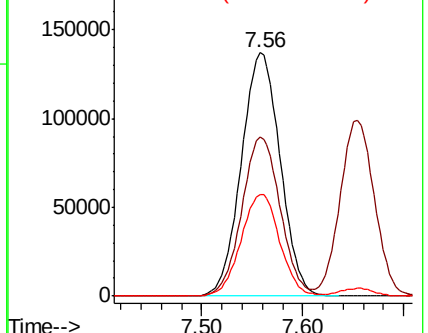
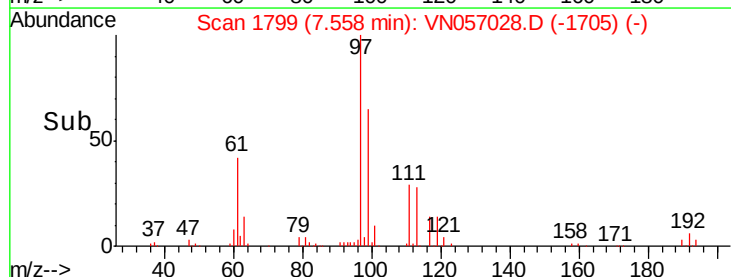
61 41.7 33.9 50.9

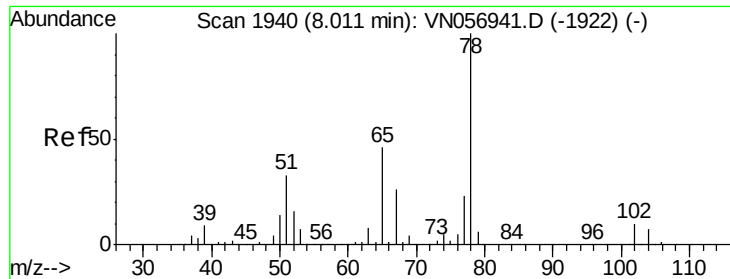


Abundance Ion 96.90 (96.60 to 97.60): VN056941.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN056941.D (-1775) (-)

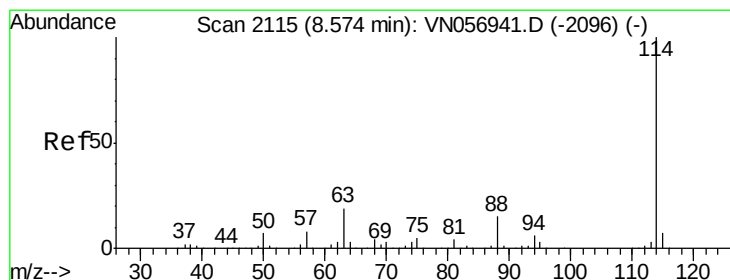
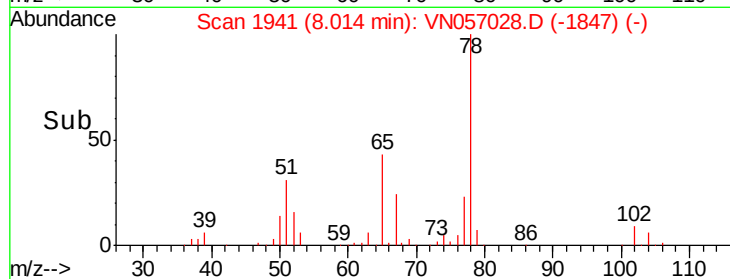
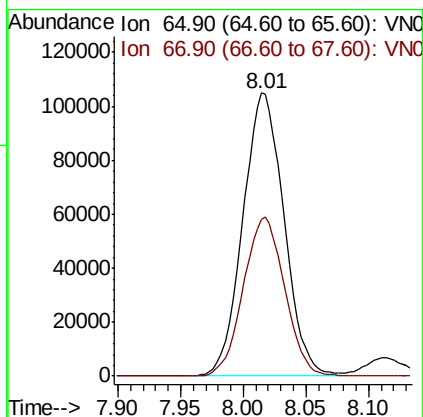
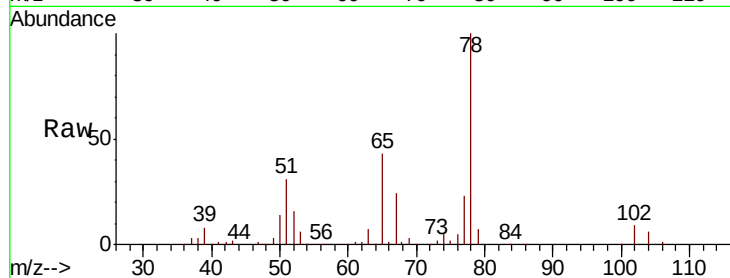




#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

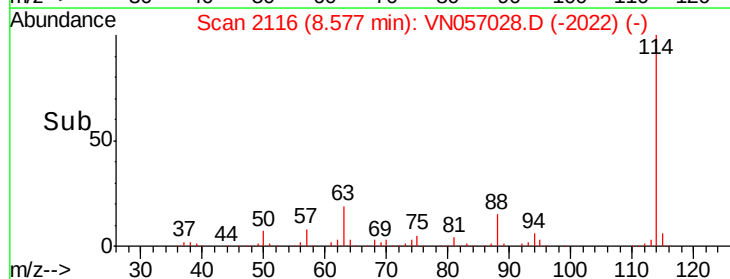
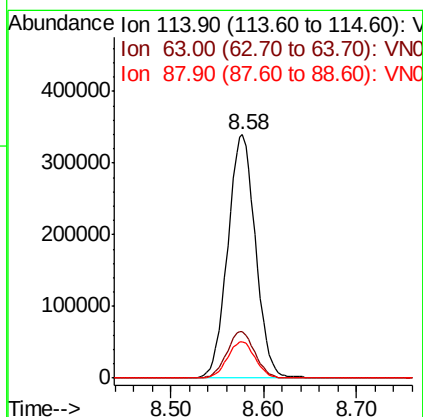
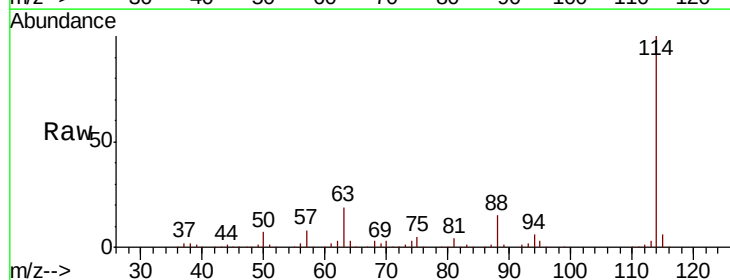
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

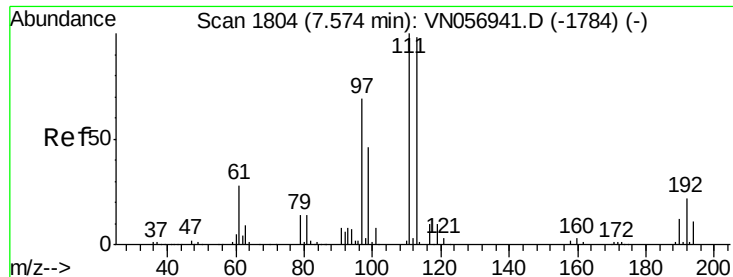
Tot Ion: 65 Resp: 240127
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 114 Resp: 704608
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.0 0.0 30.0

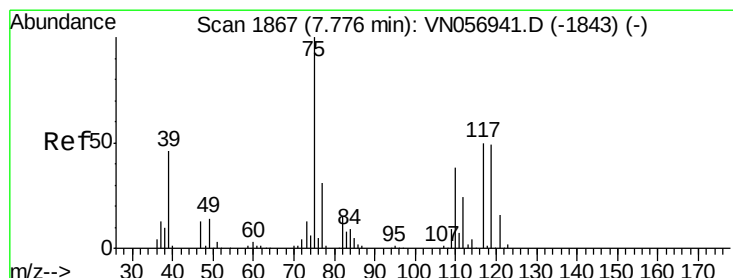
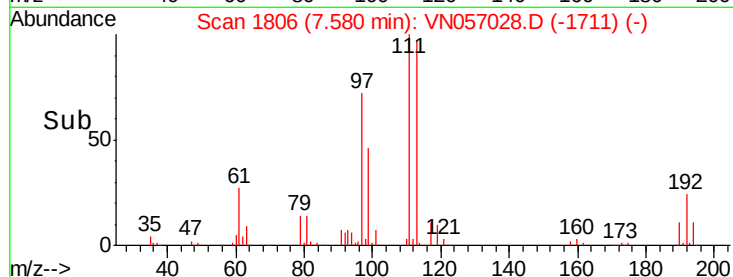
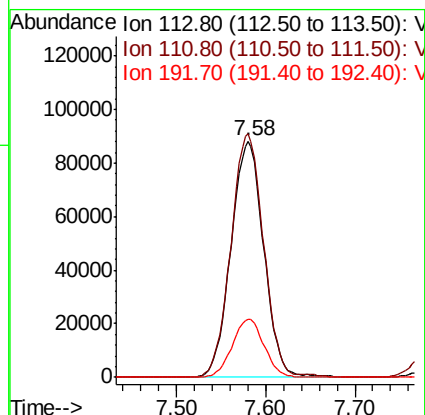
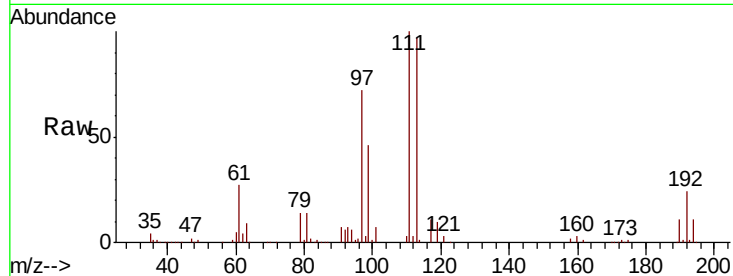




#35
 Dibromofluoromethane
 Concen: 49.614 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

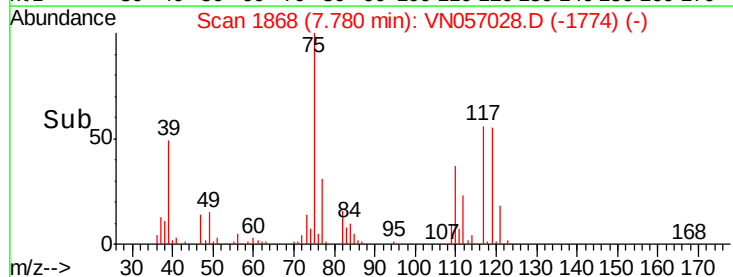
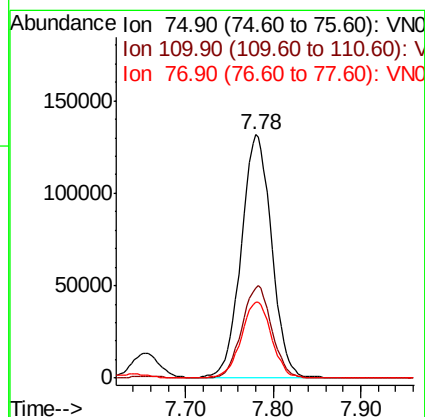
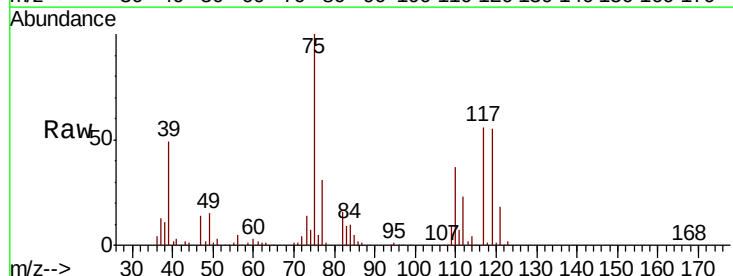
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

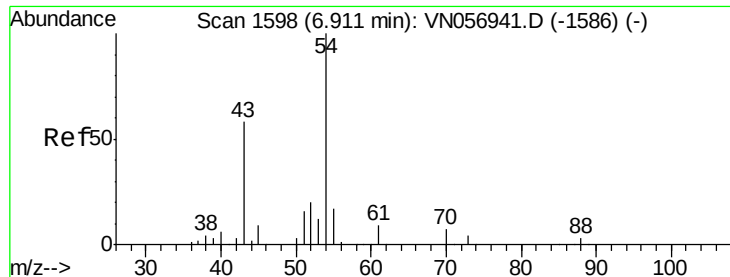
Tot Ion:113 Resp: 223792
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.9 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 51.033 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 75 Resp: 316407
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.6 55.8
 77 31.5 25.2 37.8

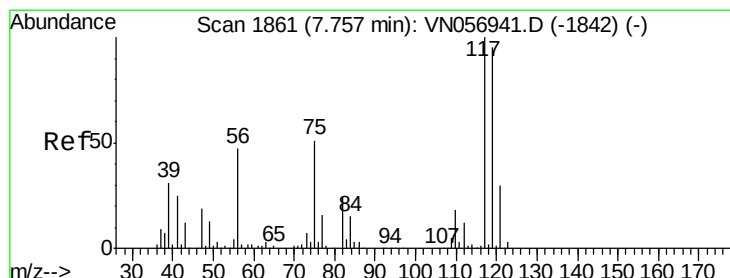
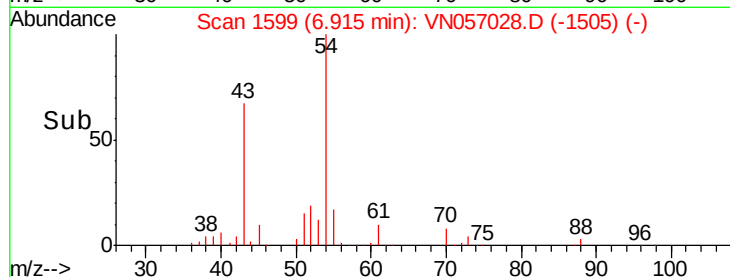
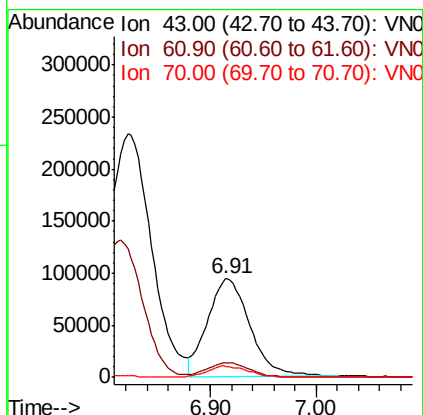
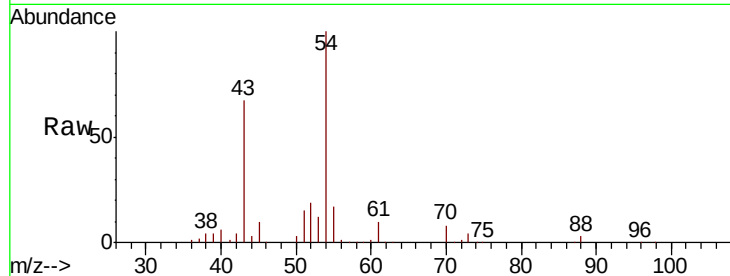




#37
Ethyl Acetate
Concen: 52.967 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

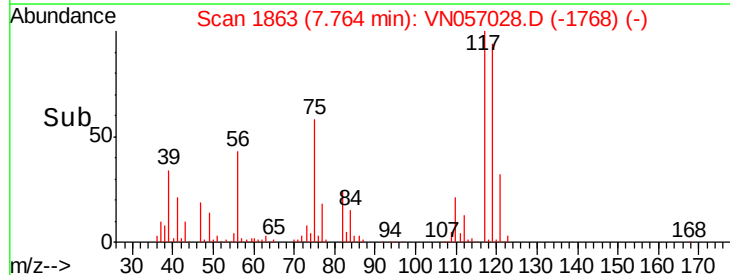
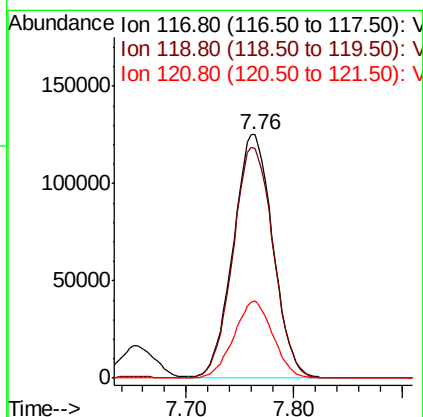
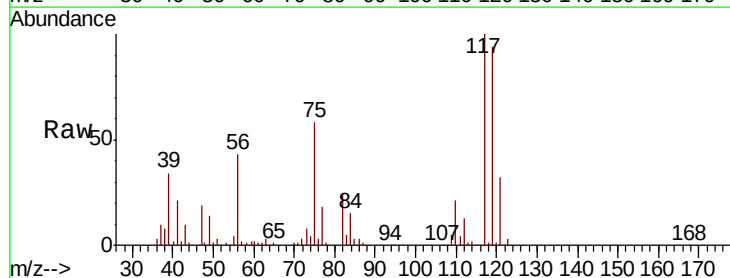
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

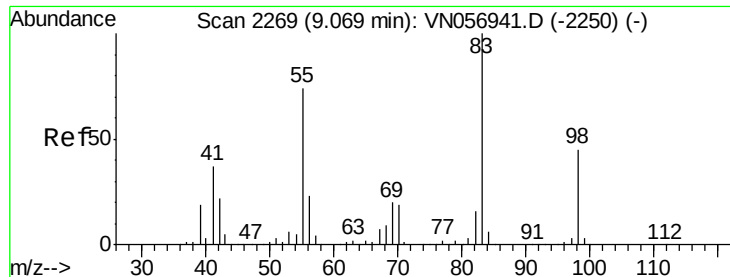
Tot Ion: 43 Resp: 263017
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 54.674 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 117 Resp: 320648
Ion Ratio Lower Upper
117 100
119 94.3 75.3 112.9
121 31.8 24.2 36.4

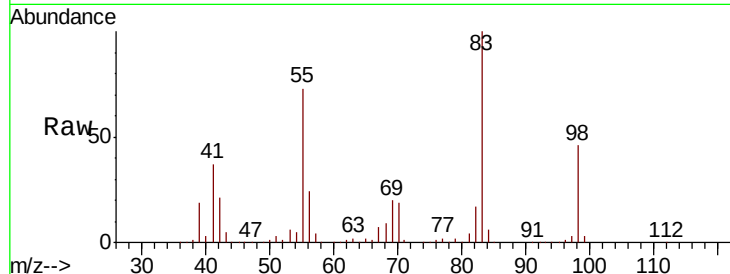




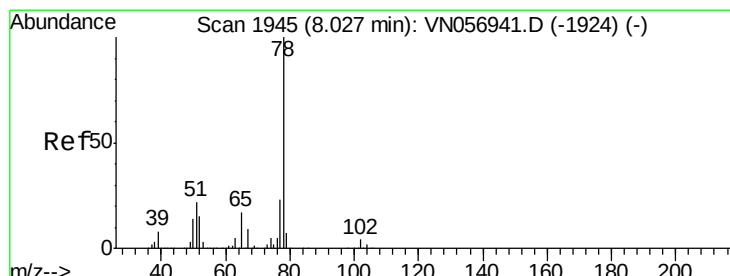
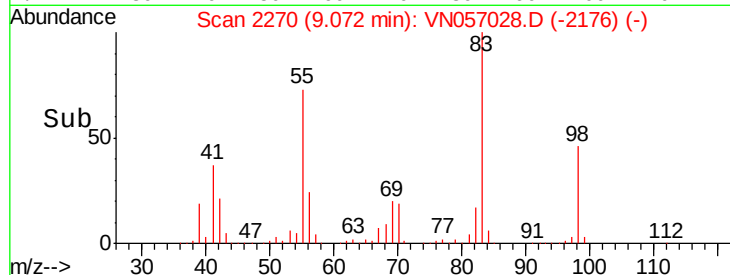
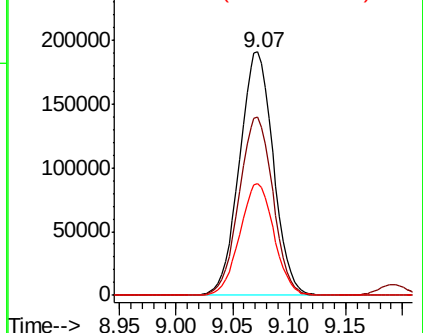
#39
Methylvlcyclohexane
Concen: 50.296 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 398558
Ion Ratio Lower Upper
83 100
55 73.1 59.0 88.6
98 45.9 36.2 54.4

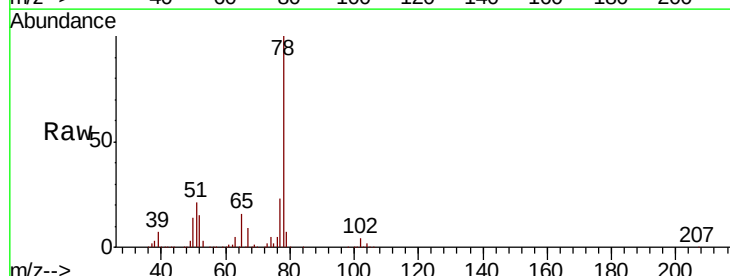


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

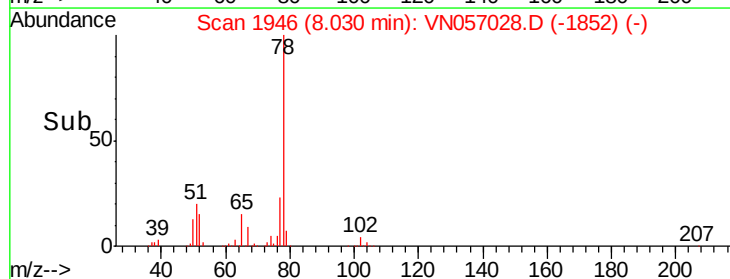
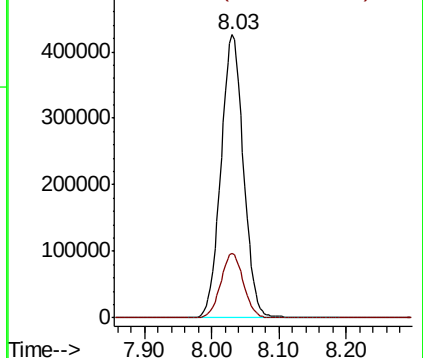


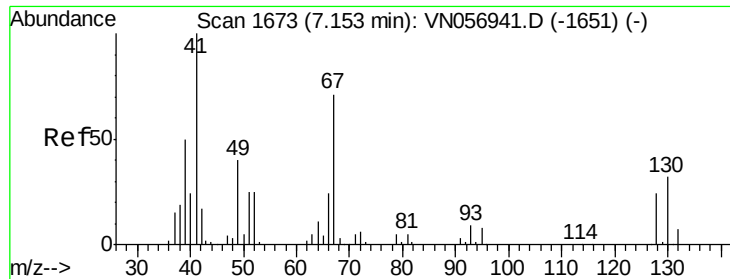
#40
Benzene
Concen: 52.268 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 78 Resp: 998121
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5



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

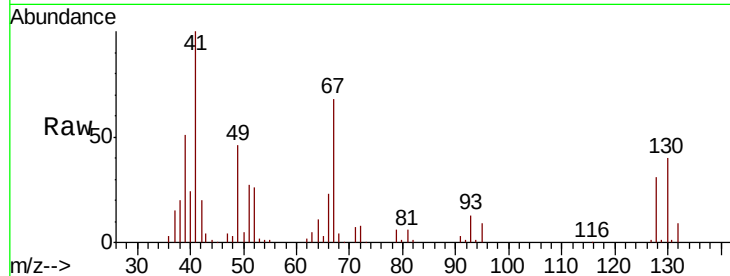




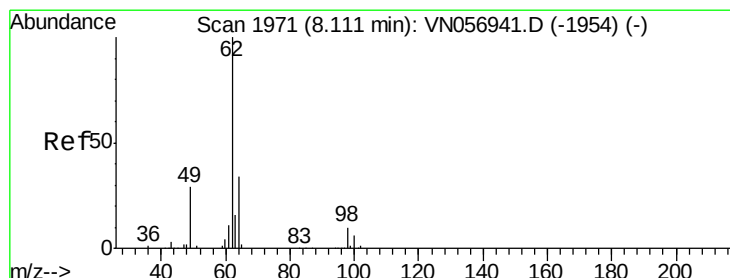
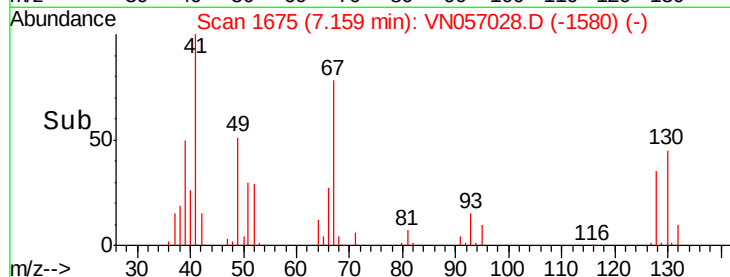
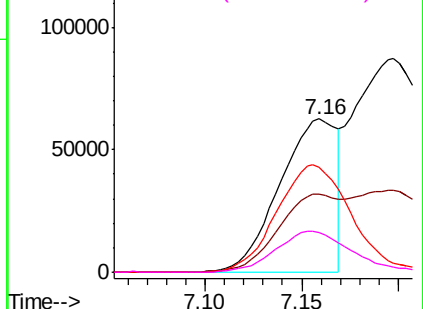
#41
Methacrylonitrile
Concen: 56.246 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	129118
Ion	Ratio	Lower	Upper
41	100		
39	51.8	48.9	73.3
67	91.4	83.4	125.0
52	35.6	30.9	46.3

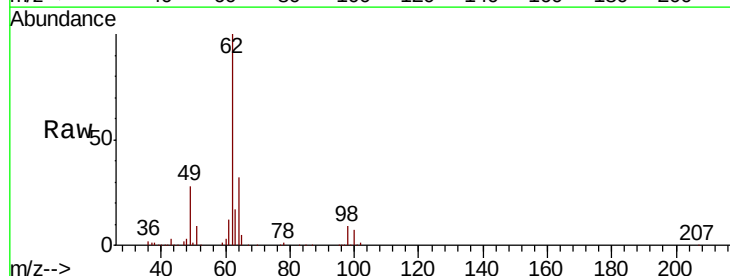


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

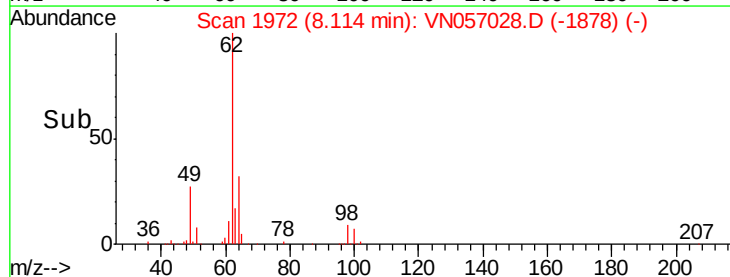
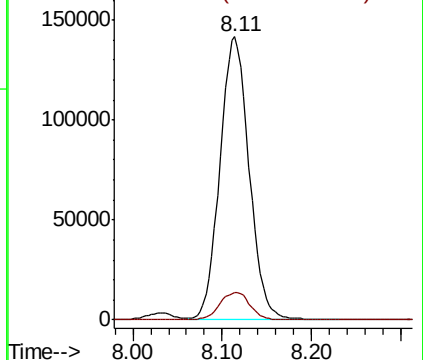


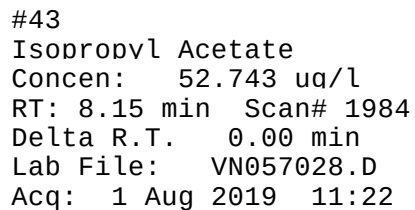
#42
1,2-Dichloroethane
Concen: 53.420 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion:	62	Resp:	319720
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6



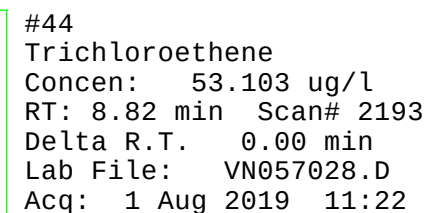
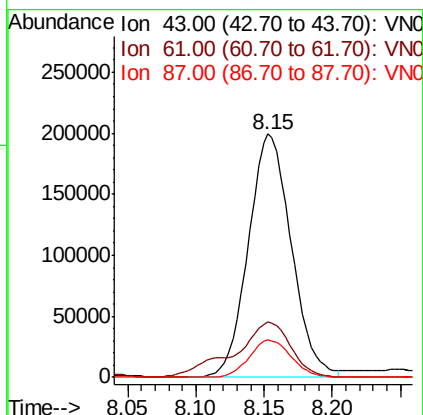
Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



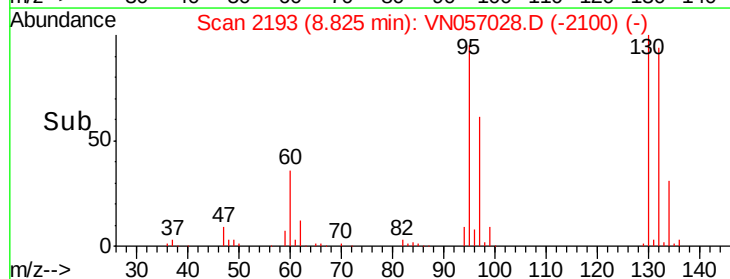
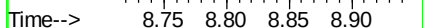
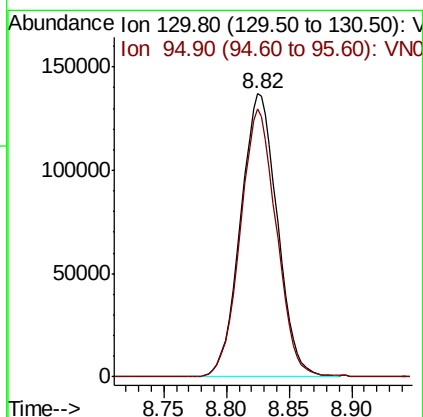


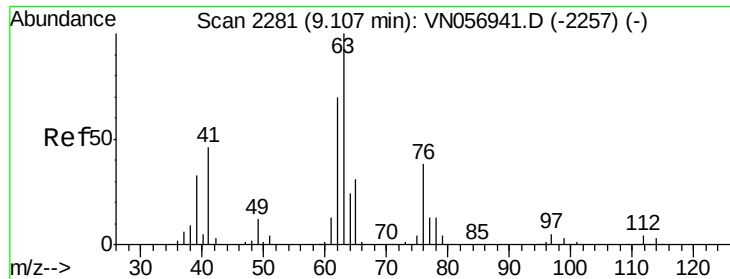
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot	Ion: 43	Resp:	432885
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.0	34.6
87	15.2	11.7	17.5



Tgt	Ion:130	Resp:	279376
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	189.0

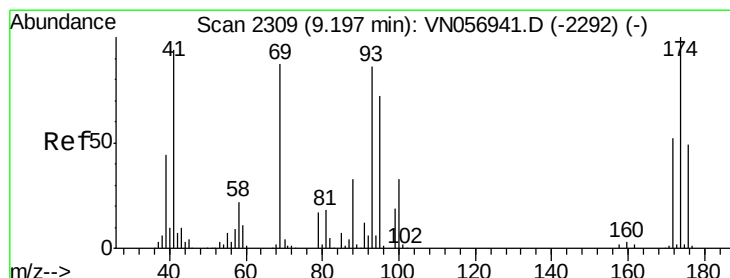
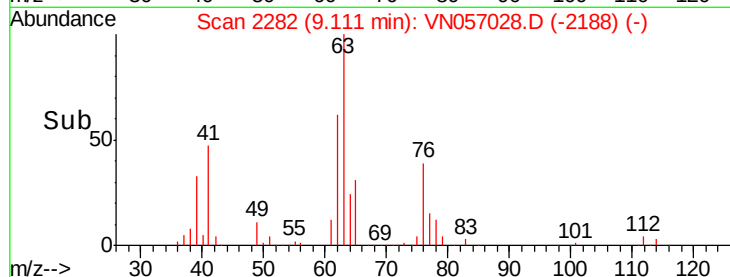
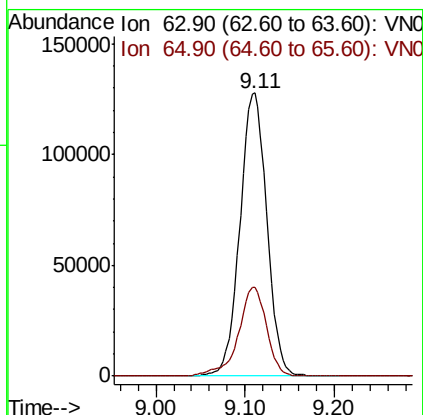
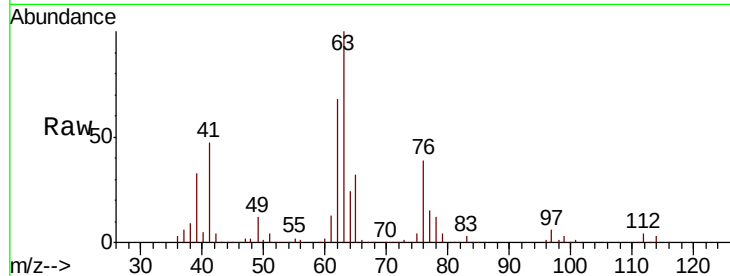




#45
 1,2-Dichloropropane
 Concen: 52.587 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

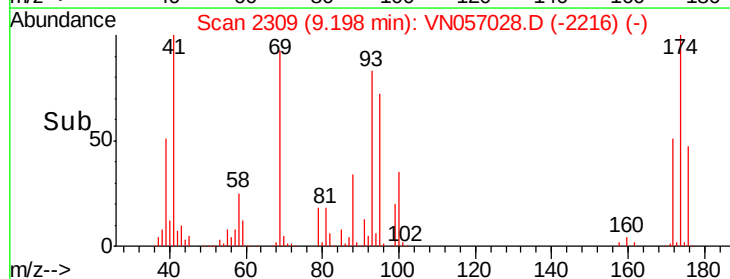
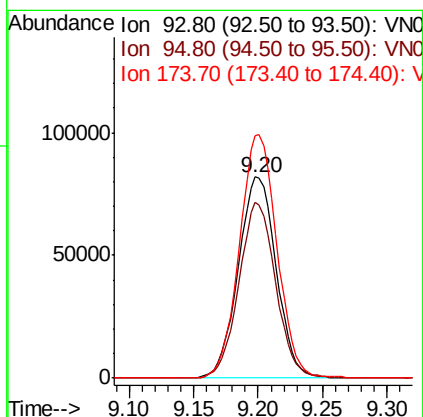
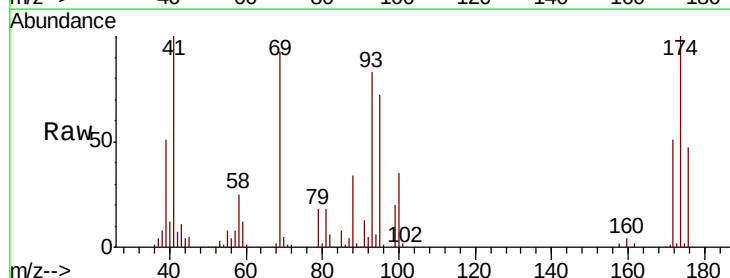
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

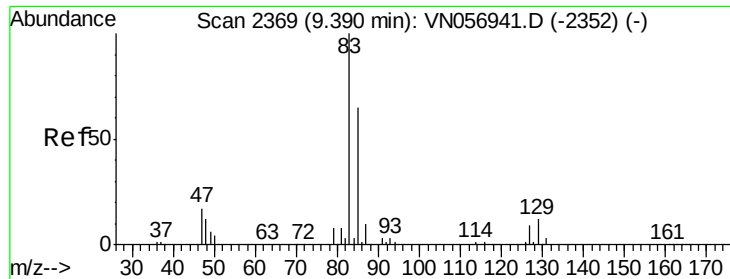
Tot Ion: 63 Resp: 268607
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 54.625 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 93 Resp: 168267
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 119.3 92.7 139.1

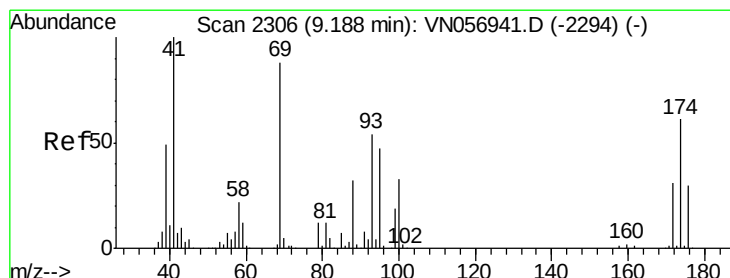
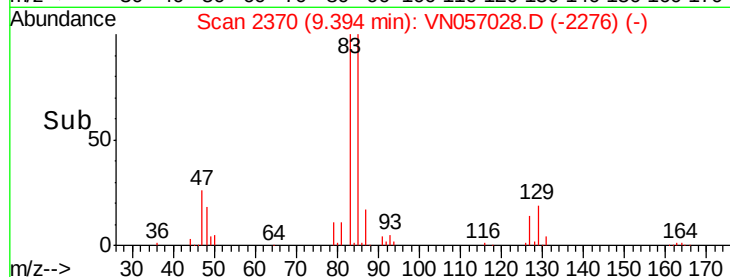
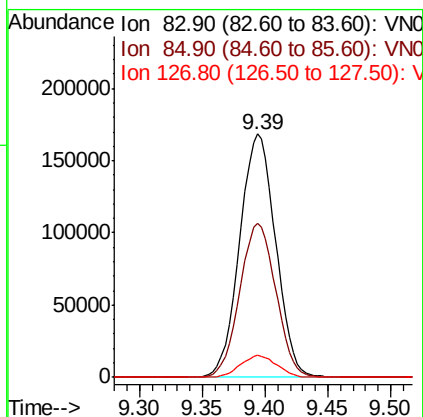
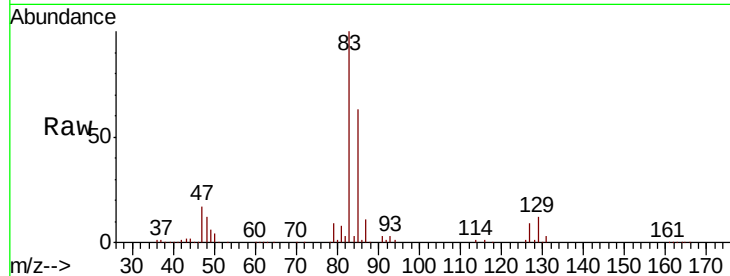




#47
Bromodichloromethane
Concen: 55.500 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

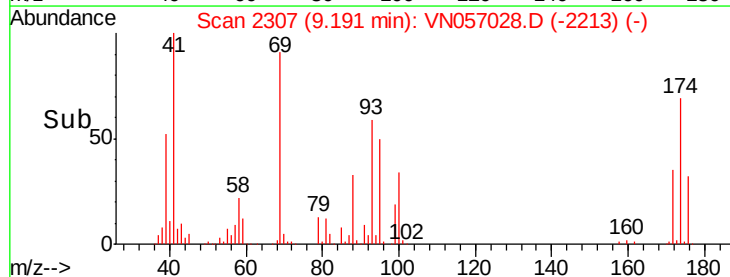
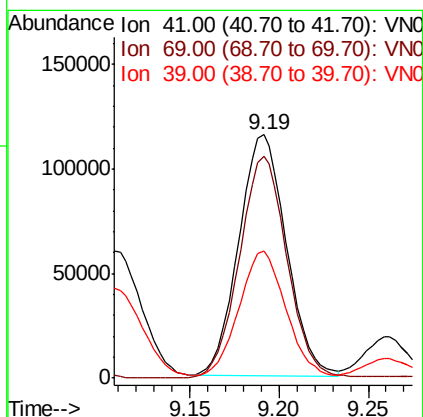
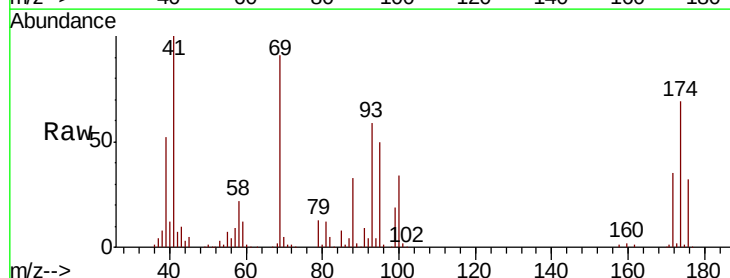
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

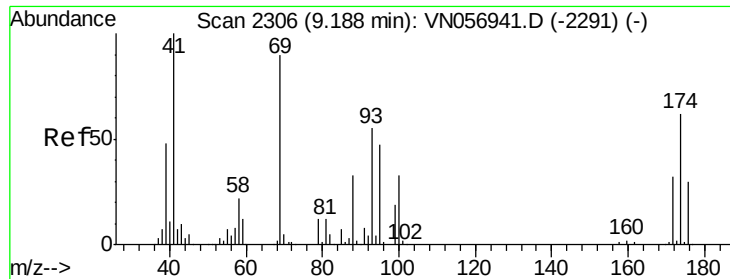
Tot Ion: 83 Resp: 336131
Ion Ratio Lower Upper
83 100
85 63.4 51.6 77.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 54.171 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 41 Resp: 214655
Ion Ratio Lower Upper
41 100
69 92.9 73.4 110.0
39 52.5 39.9 59.9





#49

1,4-Dioxane

Concen: 1059.731 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

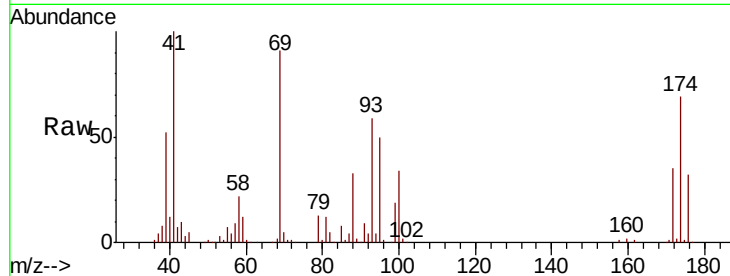
Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 86537

Ion	Ratio	Lower	Upper
88	100		
43	26.8	22.2	33.2
58	67.8	54.1	81.1

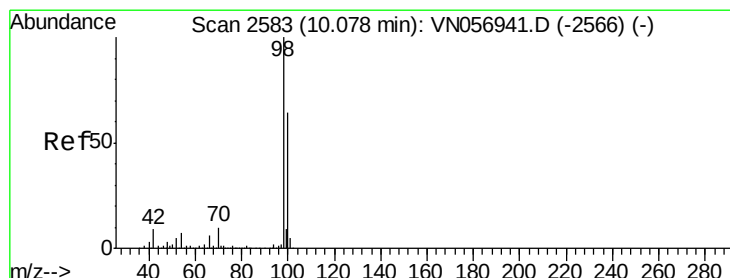
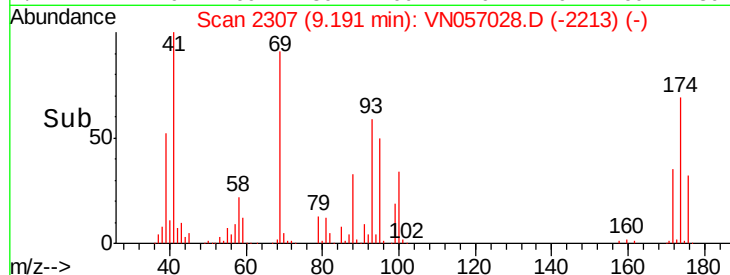
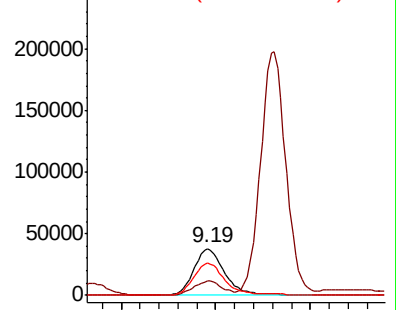


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.038 ug/l

RT: 10.08 min Scan# 2584

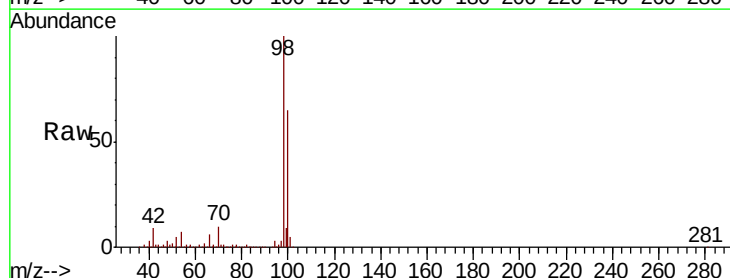
Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Tgt Ion: 98 Resp: 843519

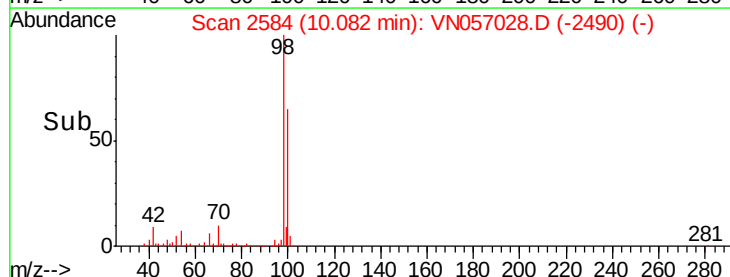
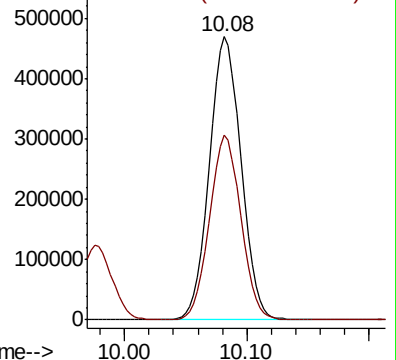
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.3	76.9

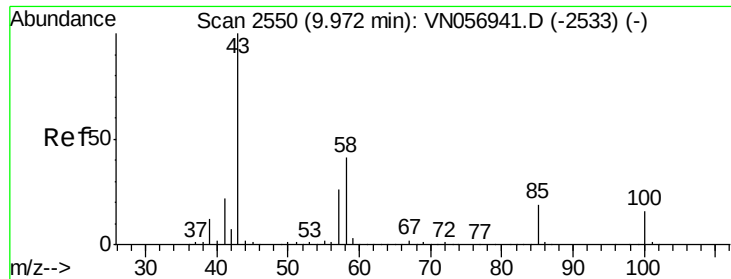


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 272.253 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

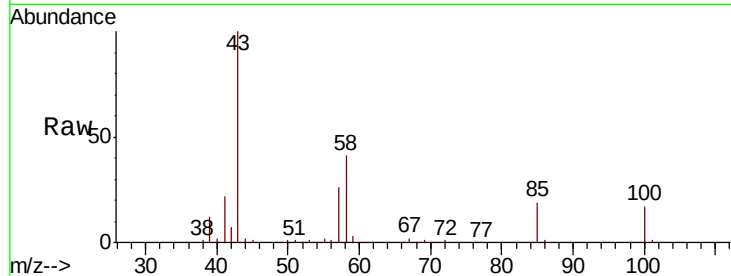
VSTDCCC050

Tot Ion: 43 Resp: 1327661

Ion Ratio Lower Upper

43 100

58 41.2 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

800000

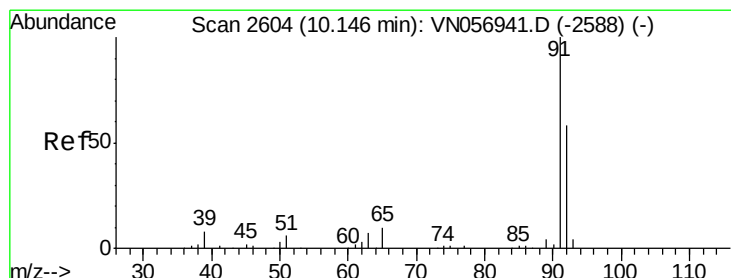
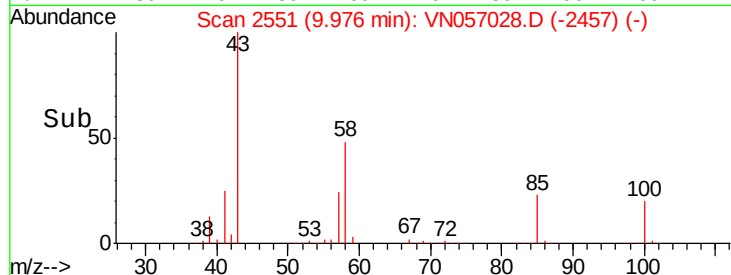
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.951 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN057028.D

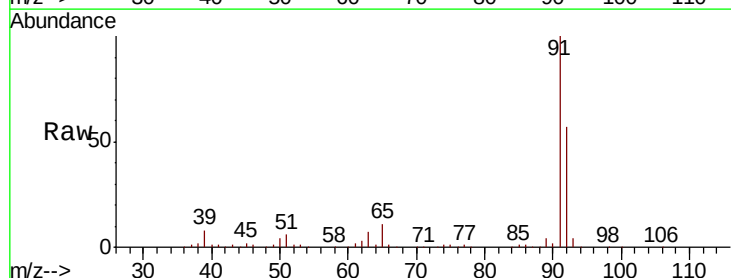
Acq: 1 Aug 2019 11:22

Tgt Ion: 92 Resp: 618995

Ion Ratio Lower Upper

92 100

91 173.2 138.0 207.0



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

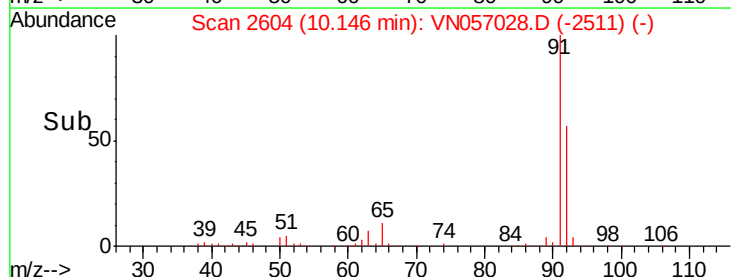
600000

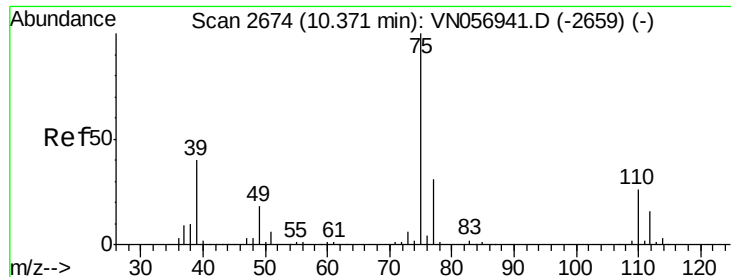
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.957 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

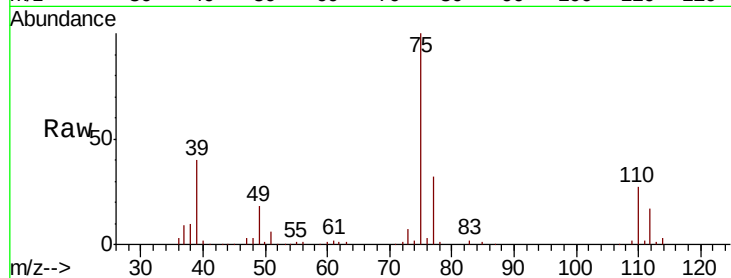
VSTDCCC050

Tot Ion: 75 Resp: 351681

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

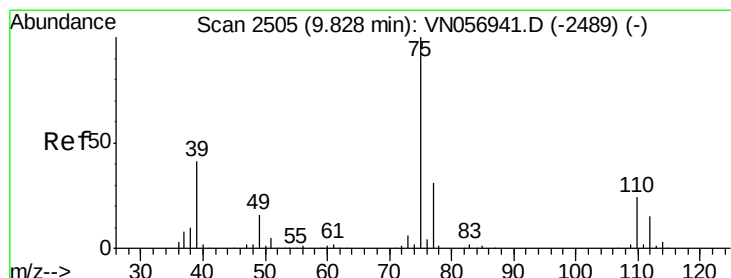
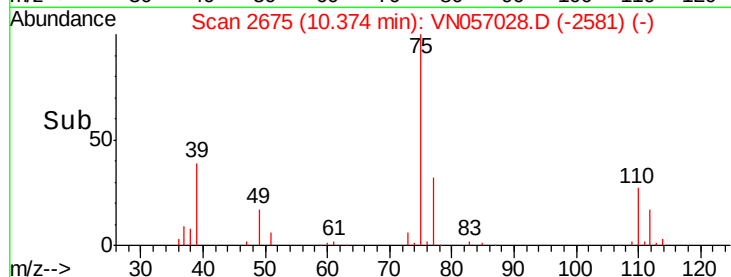
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.295 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

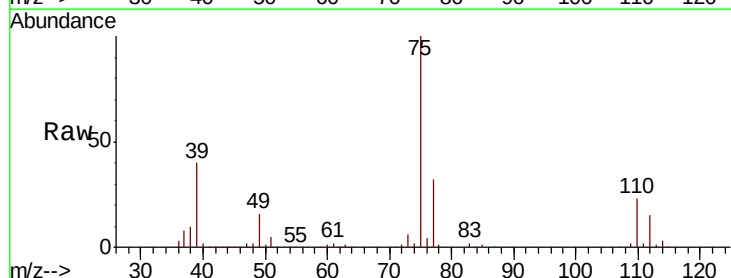
Tgt Ion: 75 Resp: 404065

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 40.4 32.6 49.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

300000

250000

200000

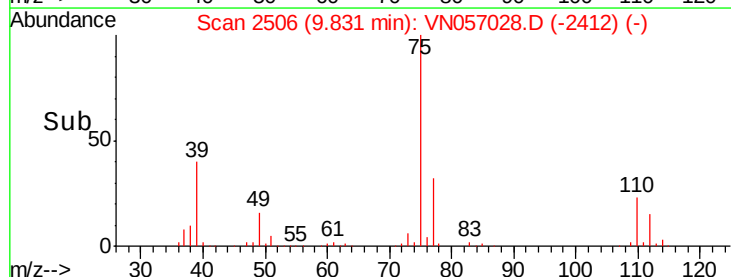
150000

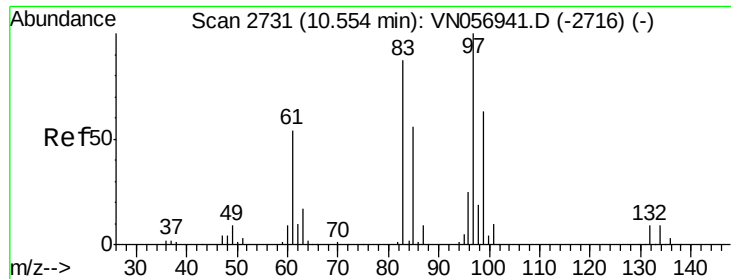
100000

50000

0

Time-->



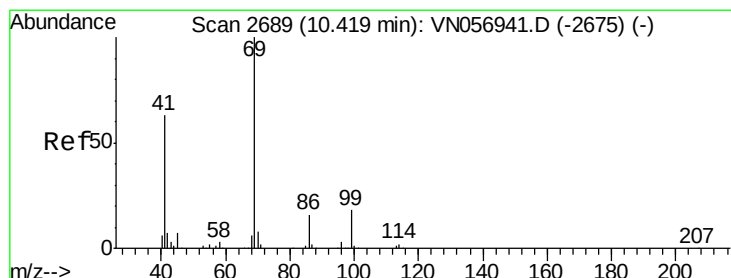
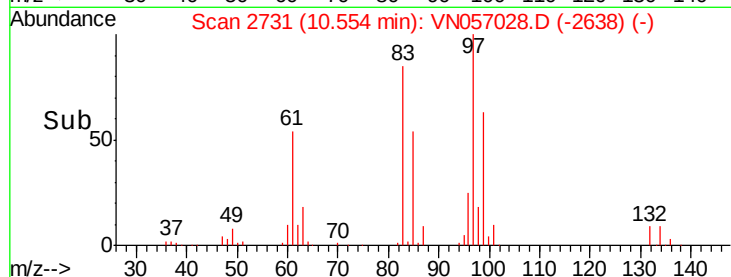
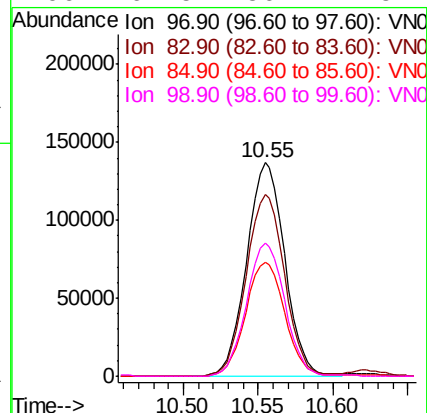
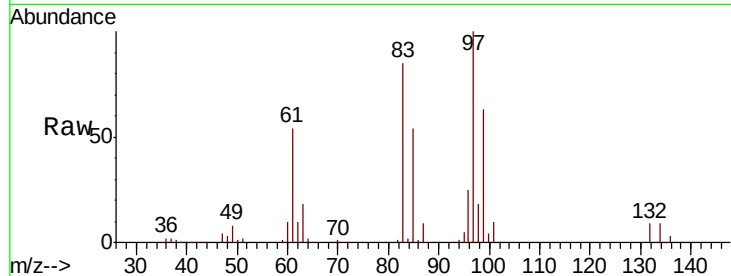


#55
 1,1,2-Trichloroethane
 Concen: 52.904 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 243422

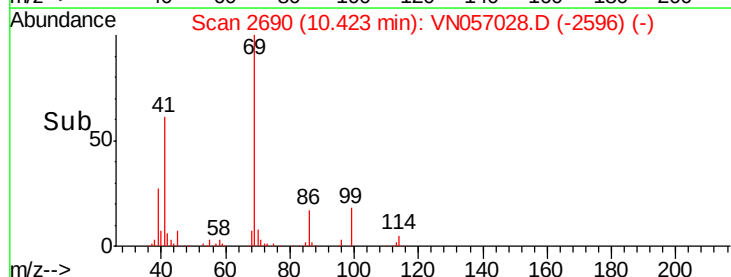
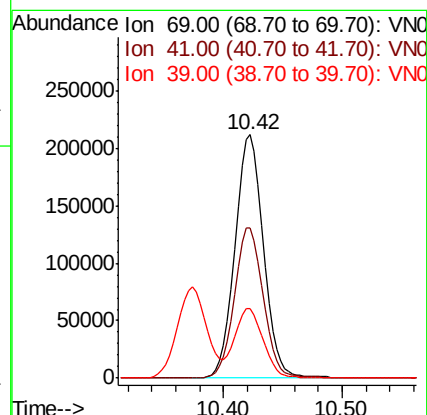
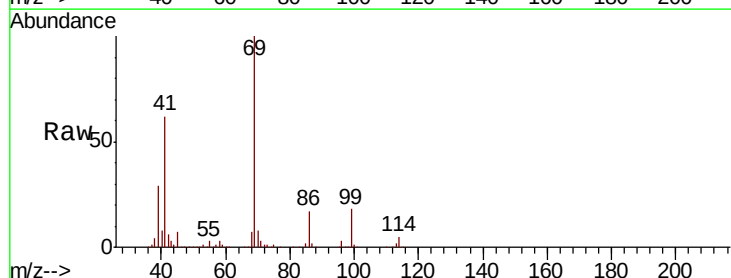
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.4	104.0
85	53.5	44.7	67.1
99	62.5	50.1	75.1

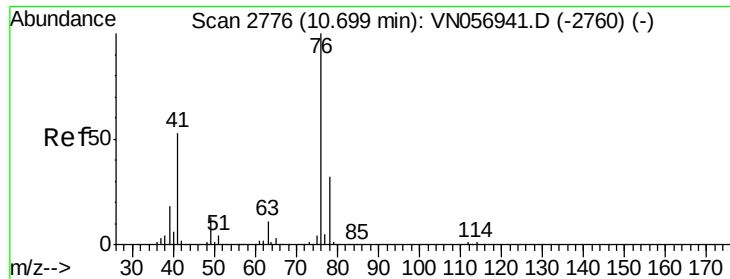


#56
 Ethyl methacrylate
 Concen: 50.674 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 69 Resp: 352283

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.2	73.8
39	28.5	23.1	34.7

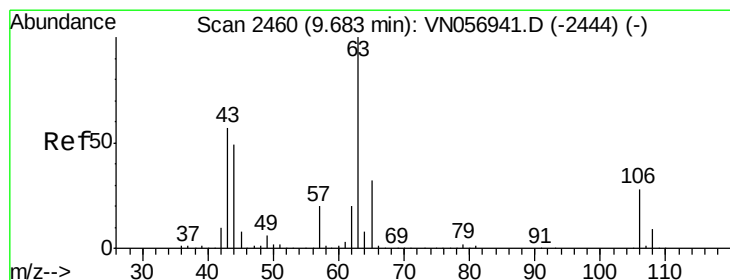
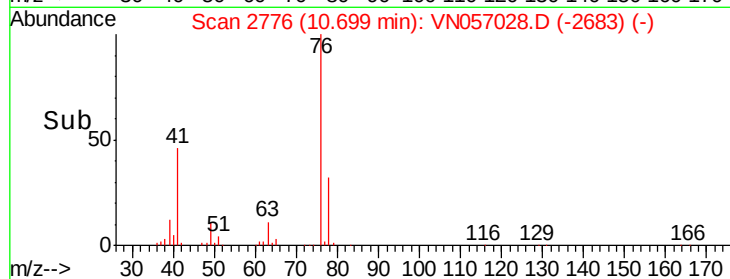
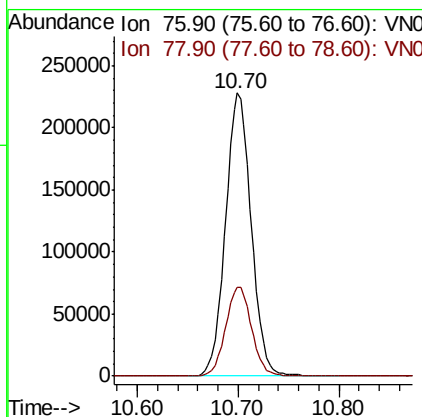
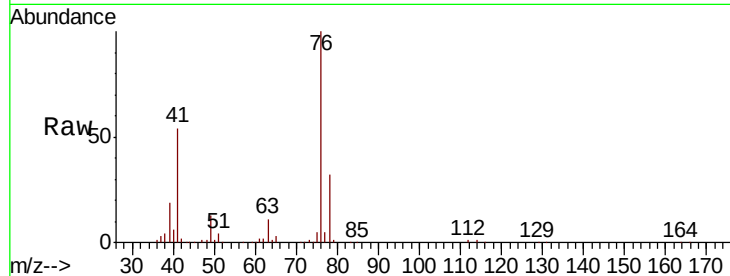




#57
 1,3-Dichloropropane
 Concen: 53.147 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

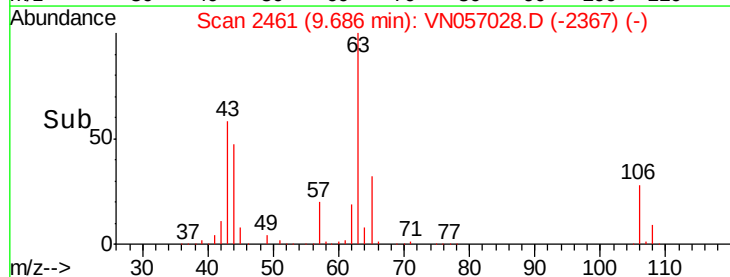
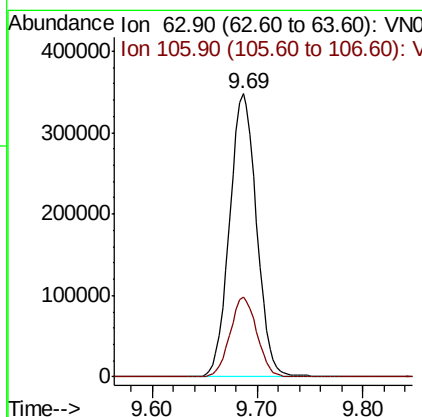
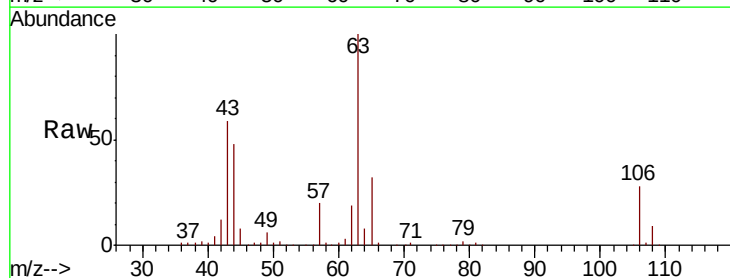
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

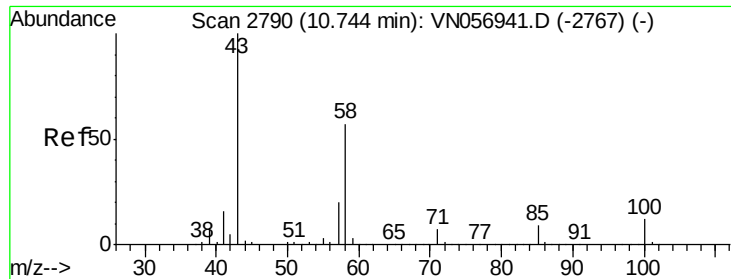
Tot Ion: 76 Resp: 405498
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.447 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 63 Resp: 616100
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.0 33.0

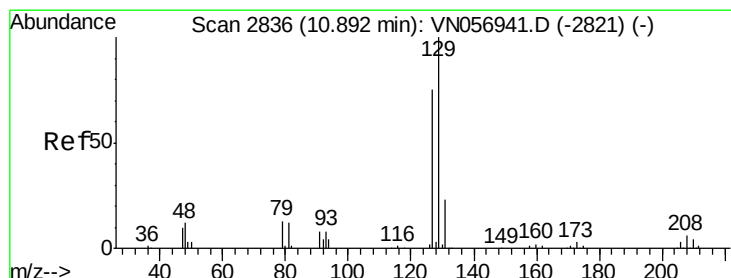
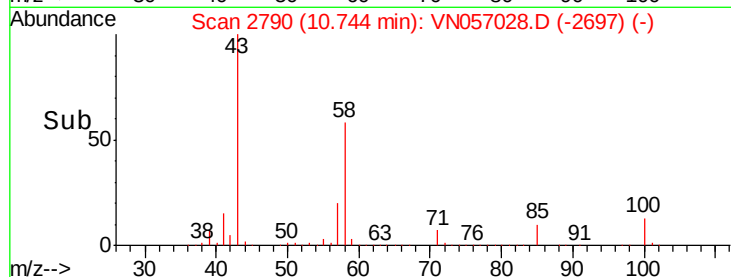
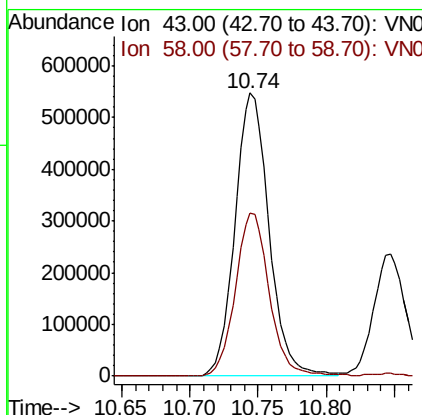
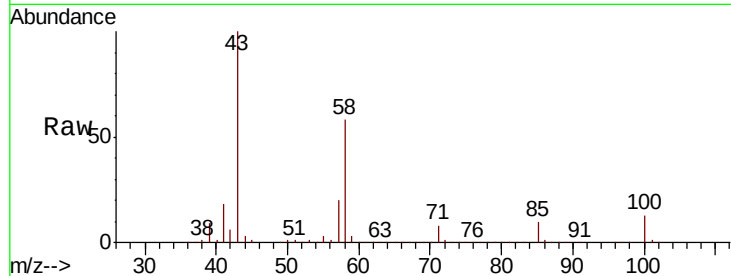




#59
2-Hexanone
Concen: 251.863 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

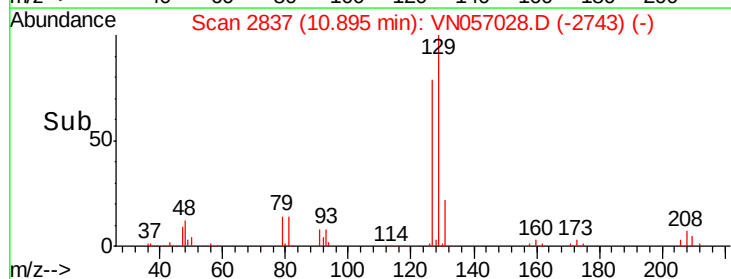
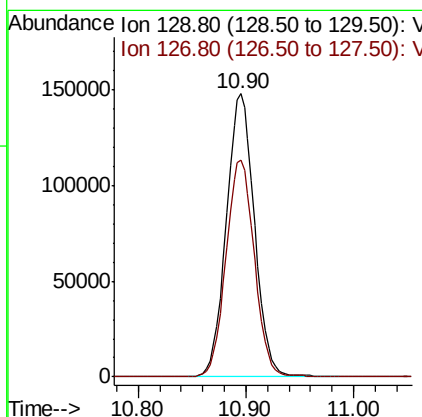
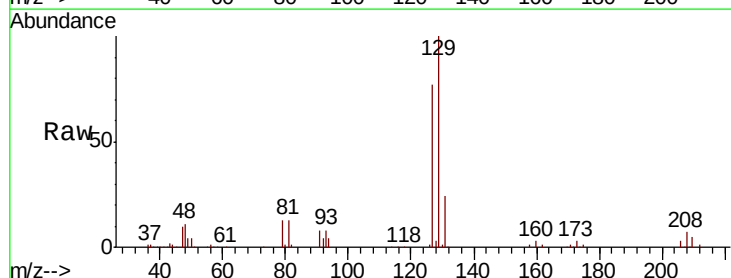
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

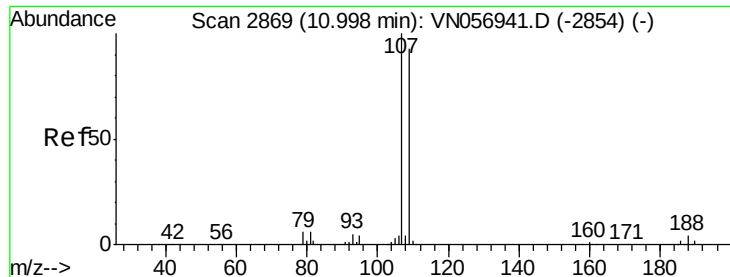
Tot Ion: 43 Resp: 945923
Ion Ratio Lower Upper
43 100
58 57.6 28.5 85.5



#60
Dibromochloromethane
Concen: 56.937 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 129 Resp: 268399
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9

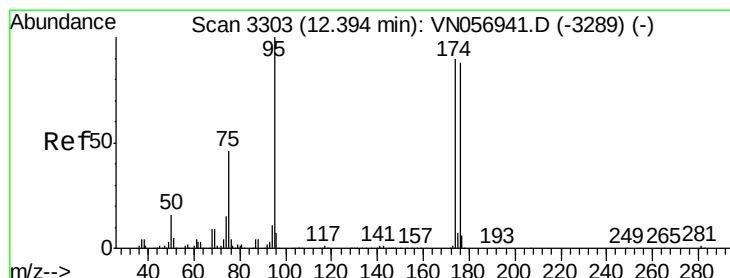
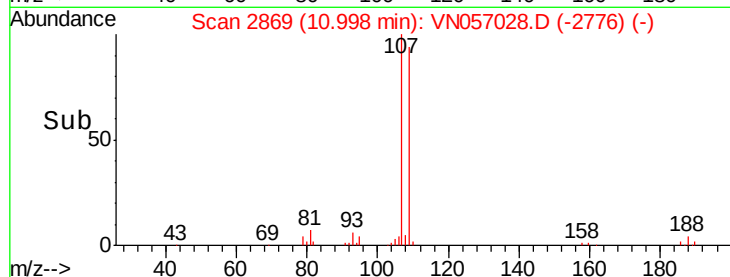
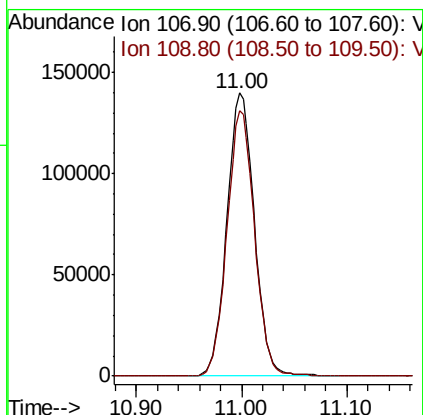
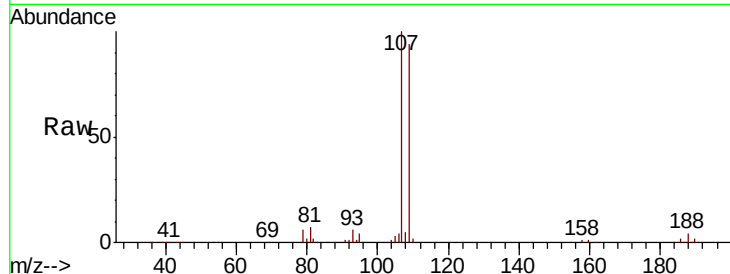




#61
 1,2-Dibromoethane
 Concen: 55.971 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

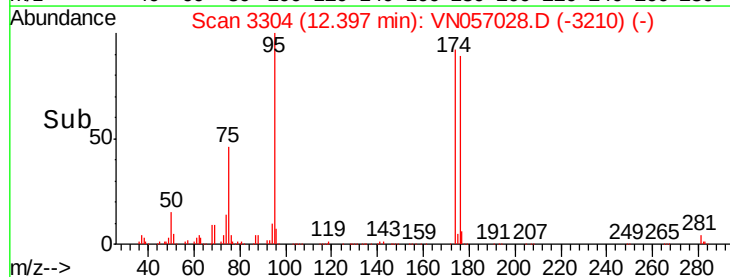
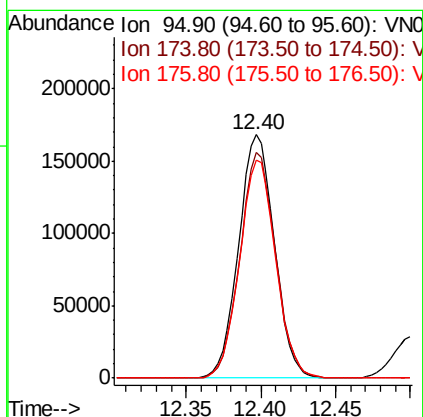
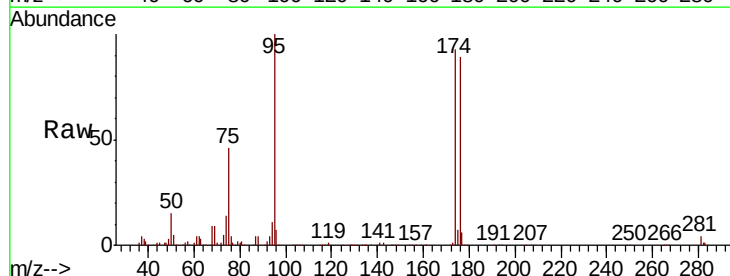
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

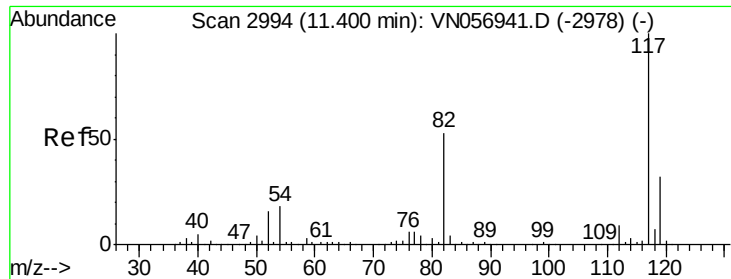
Tot Ion: 107 Resp: 251323
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 50.013 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 95 Resp: 280064
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 182.2
 176 90.3 0.0 179.4

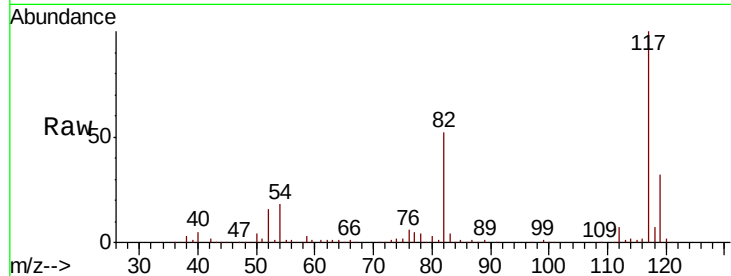




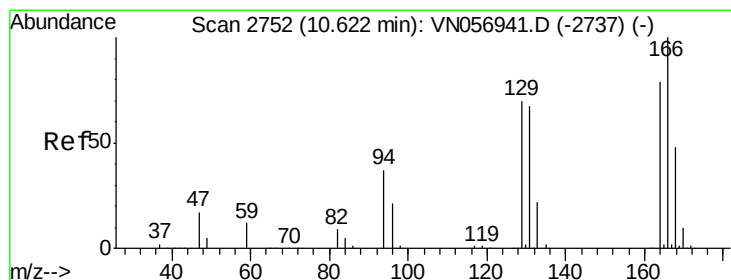
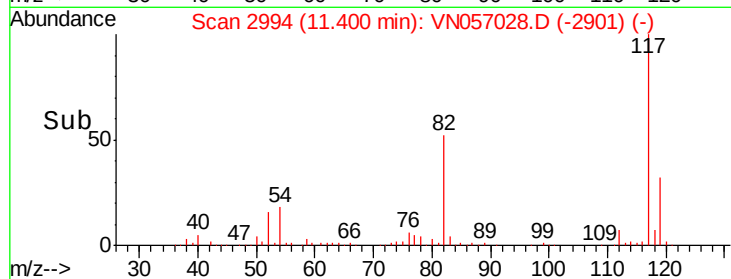
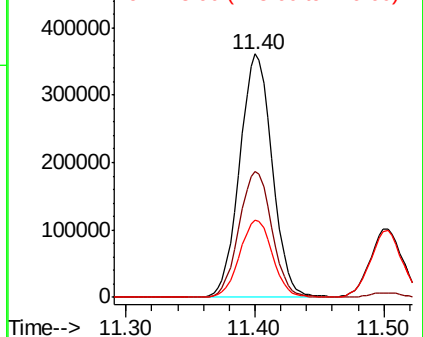
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 634494
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.4
119 31.8 25.8 38.6

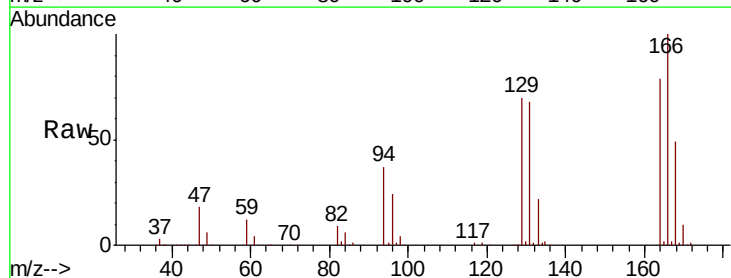


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

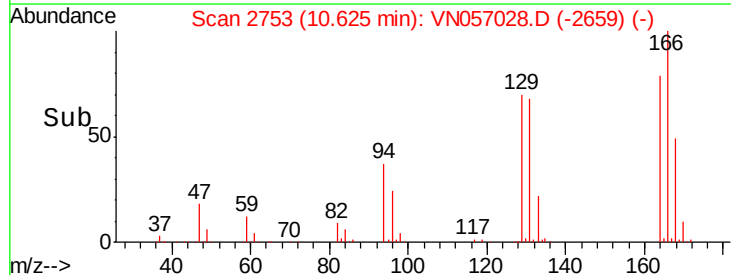
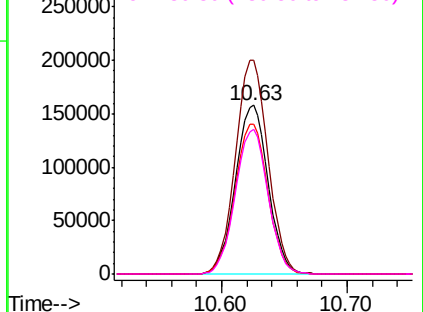


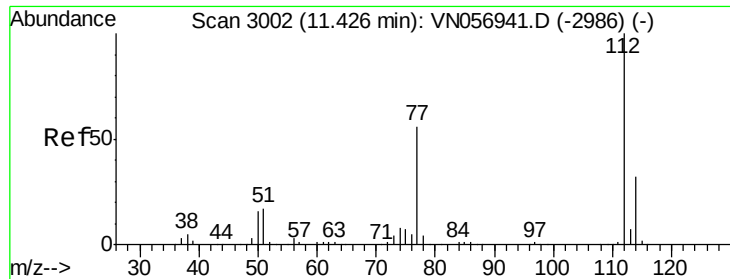
#64
Tetrachloroethene
Concen: 52.344 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion:164 Resp: 286203
Ion Ratio Lower Upper
164 100
166 126.5 101.1 151.7
129 88.9 70.9 106.3
131 86.1 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

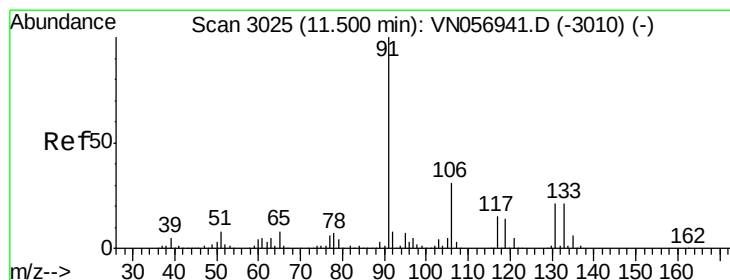
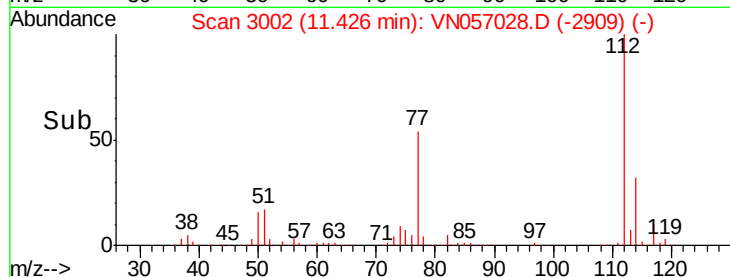
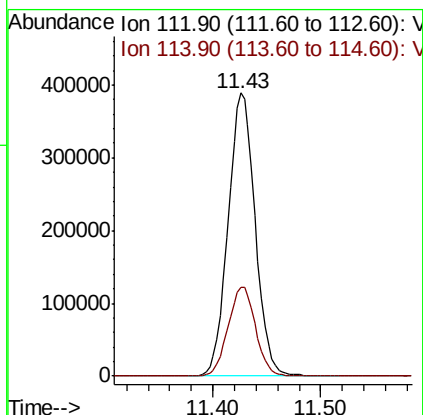
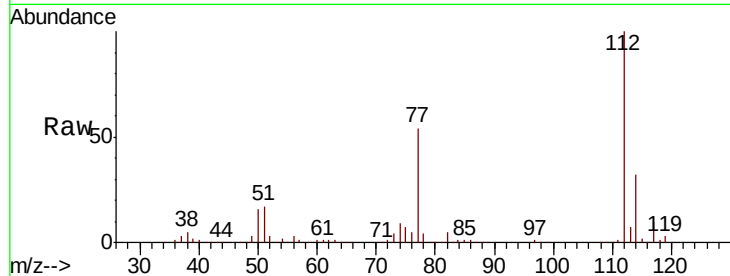




#65
Chlorobenzene
Concen: 52.454 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

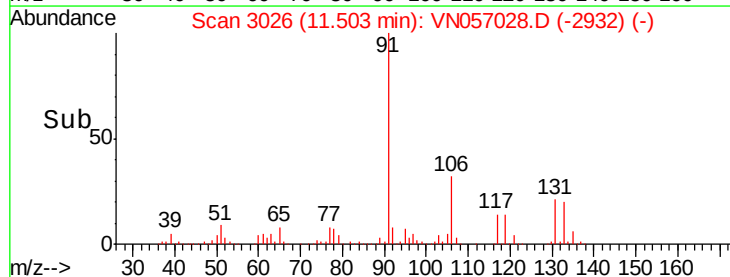
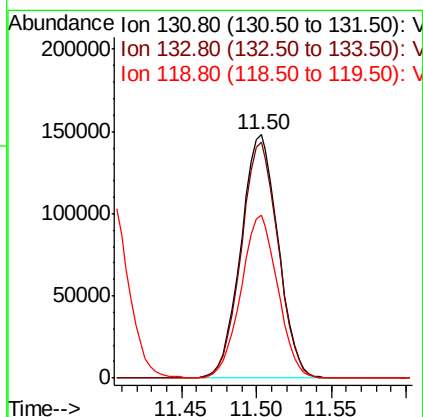
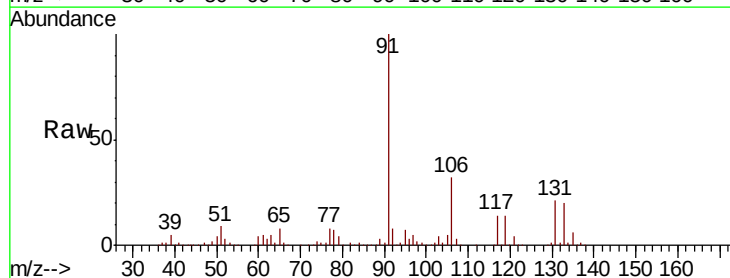
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

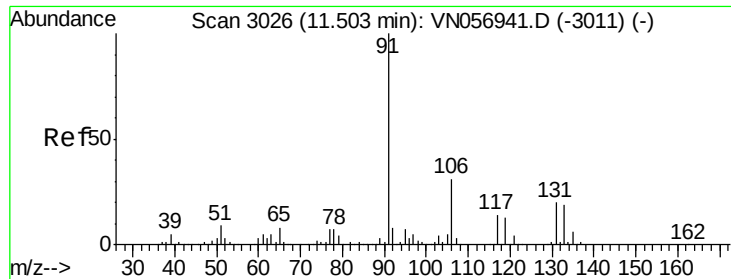
Tot Ion:112 Resp: 678329
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.714 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion:131 Resp: 256579
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 66.0 33.2 99.6

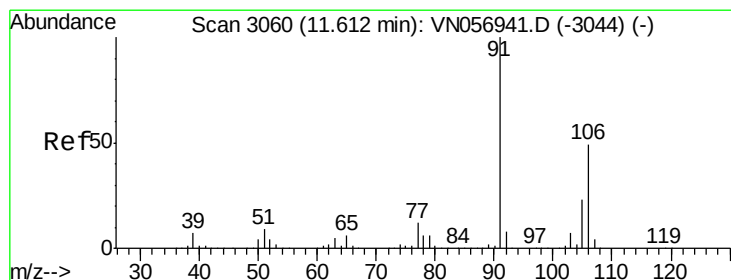
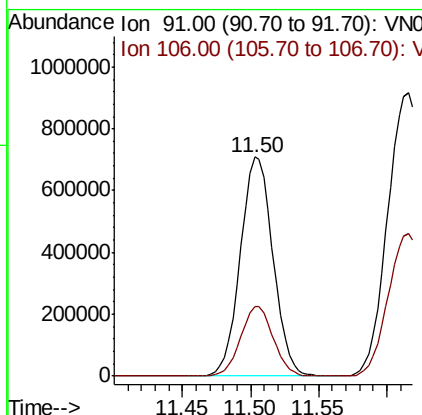
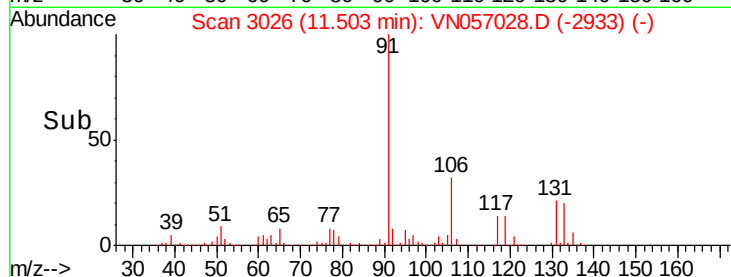
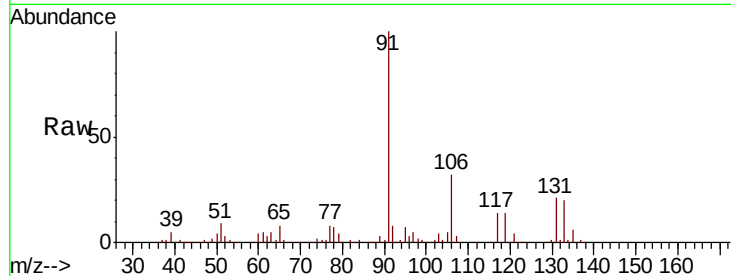




#67
Ethyl Benzene
Concen: 52.775 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

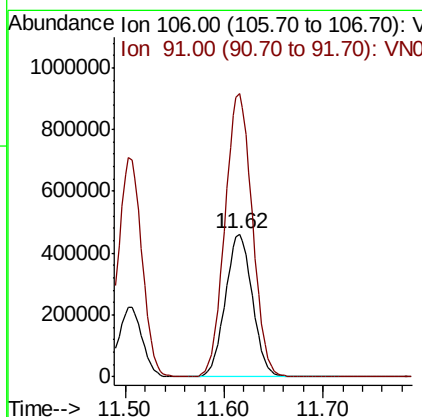
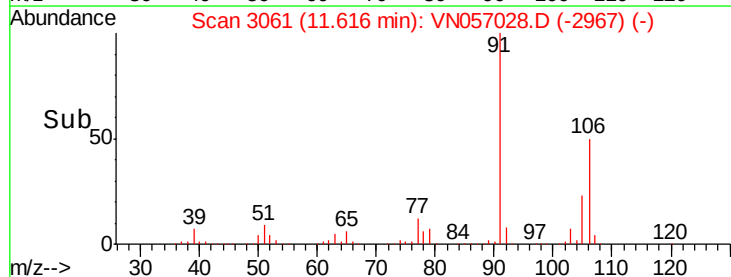
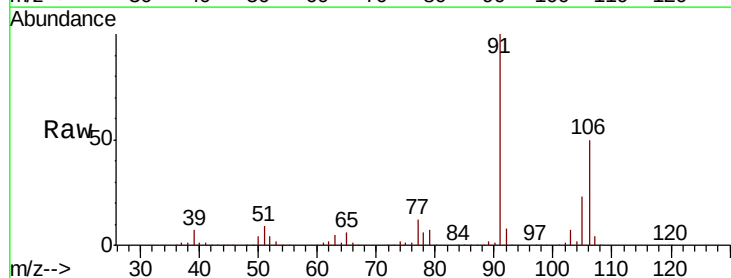
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

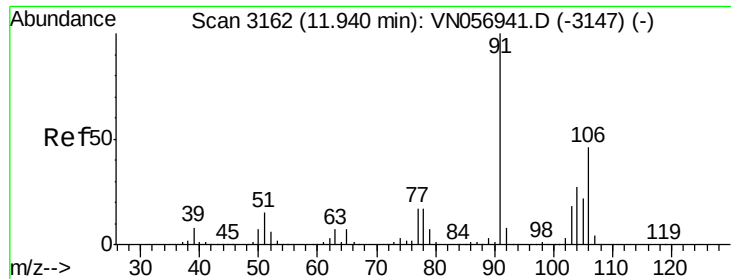
Tot Ion: 91 Resp: 1179544
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 107.647 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion: 106 Resp: 887929
Ion Ratio Lower Upper
106 100
91 200.0 160.0 240.0

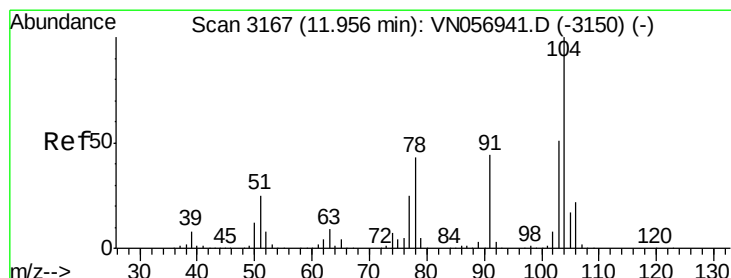
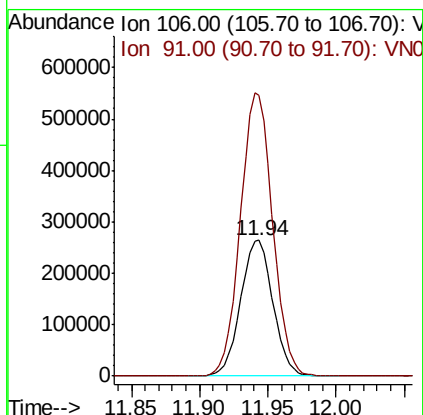
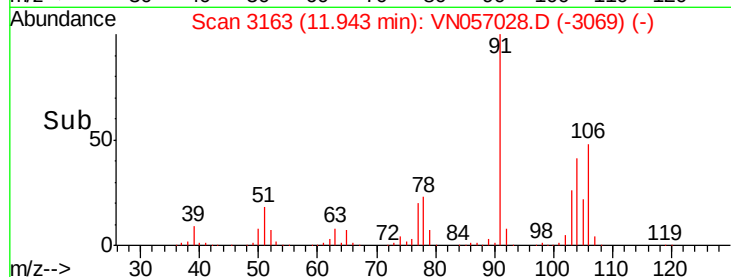
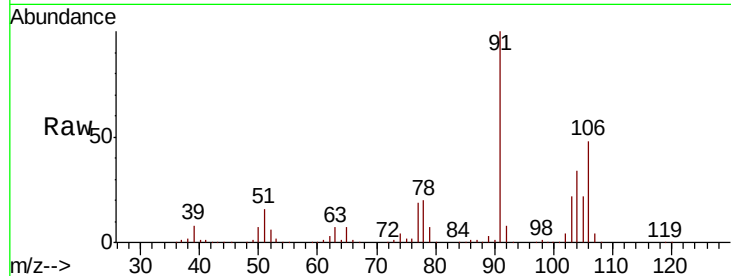




#69
o-Xylene
Concen: 53.724 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

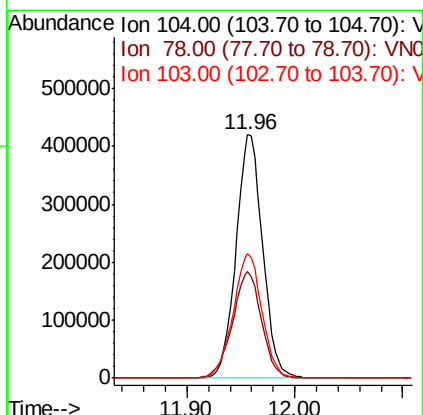
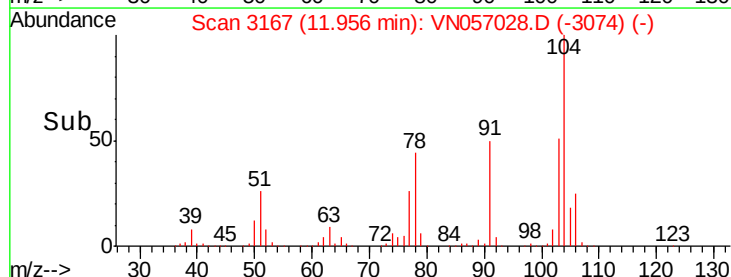
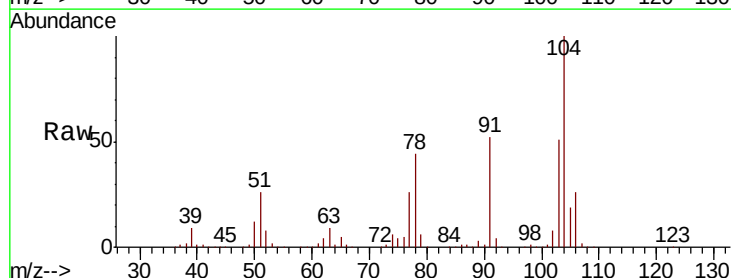
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

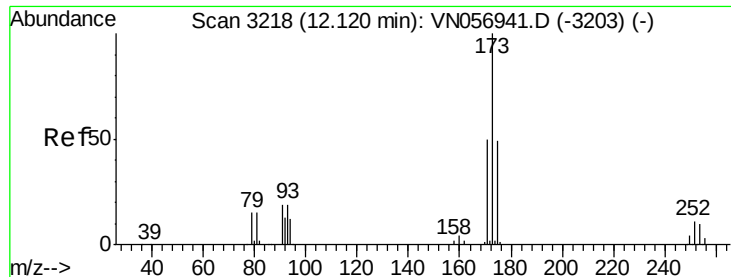
Tot Ion:106 Resp: 433544
Ion Ratio Lower Upper
106 100
91 208.2 106.2 318.6



#70
Styrene
Concen: 50.595 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion:104 Resp: 722002
Ion Ratio Lower Upper
104 100
78 47.7 38.1 57.1
103 55.4 44.3 66.5

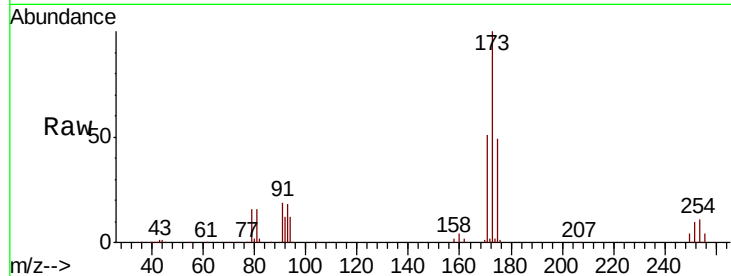




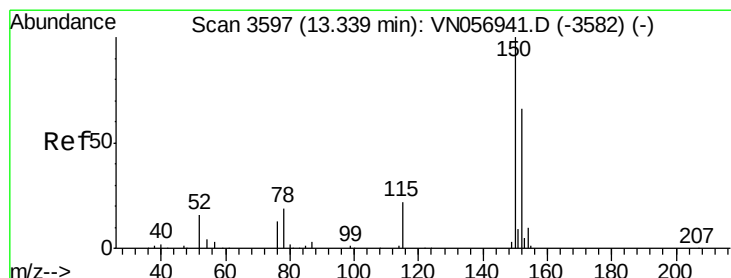
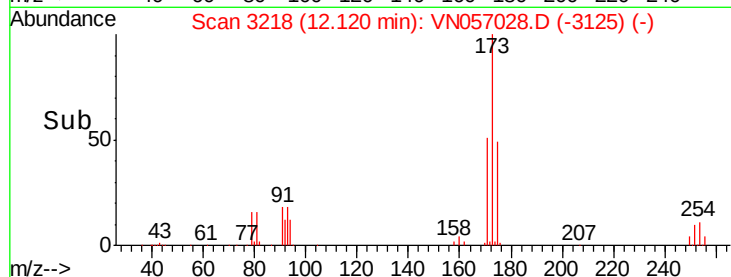
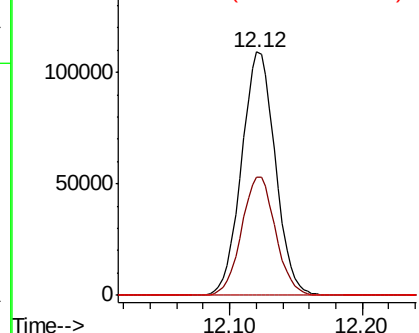
#71
Bromoform
Concen: 56.728 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 192775
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.1 0.1#

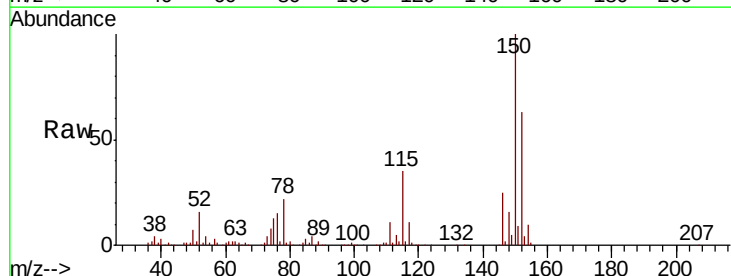


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

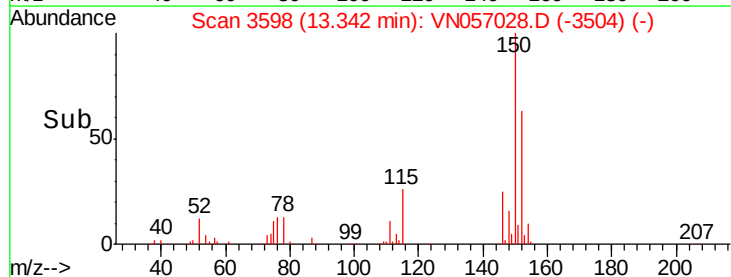
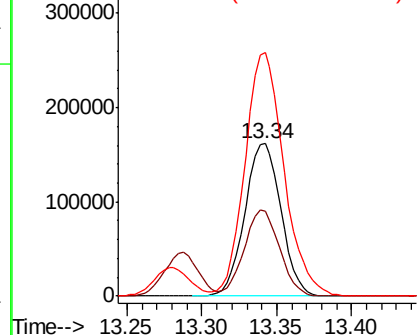


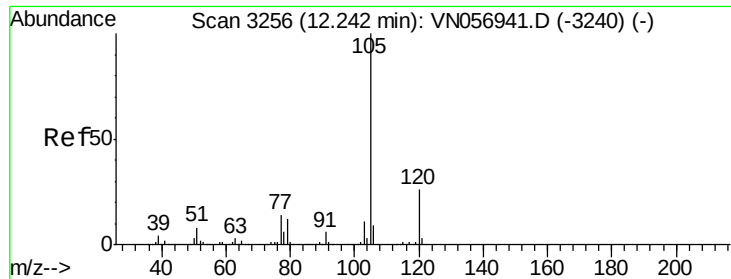
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057028.D
Acq: 1 Aug 2019 11:22

Tgt Ion:152 Resp: 272285
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.6
150 171.9 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: 49.117 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

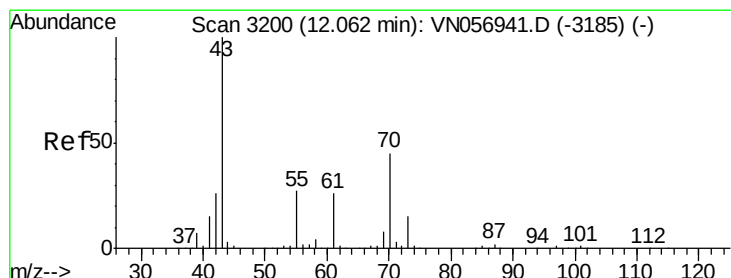
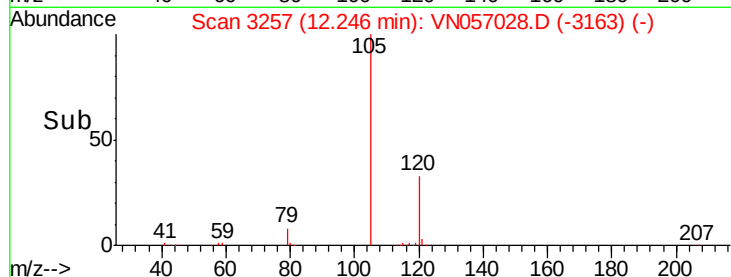
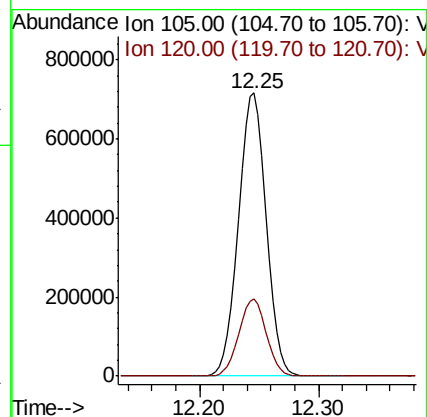
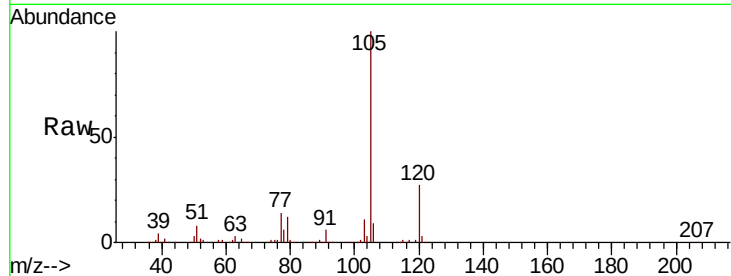
VSTDCCC050

Tot Ion:105 Resp: 1155836

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 51.484 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Tgt Ion: 43 Resp: 351783

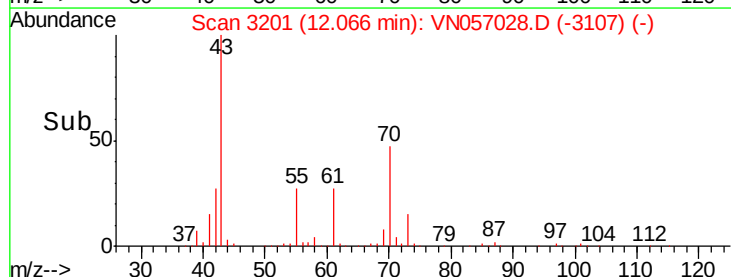
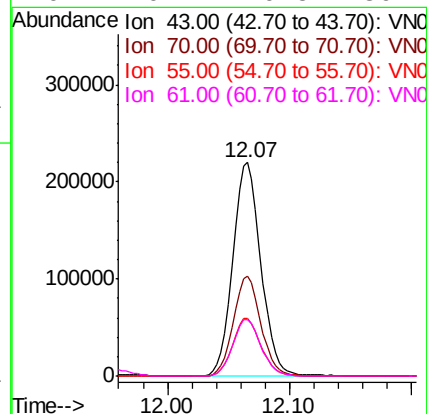
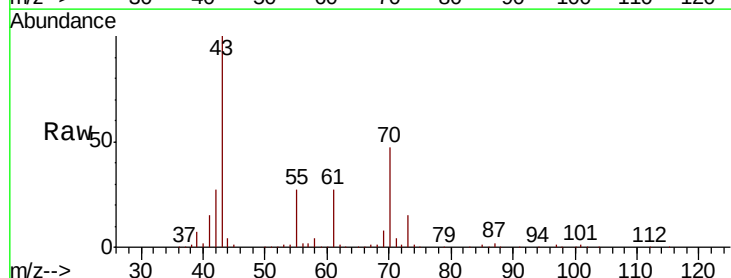
Ion Ratio Lower Upper

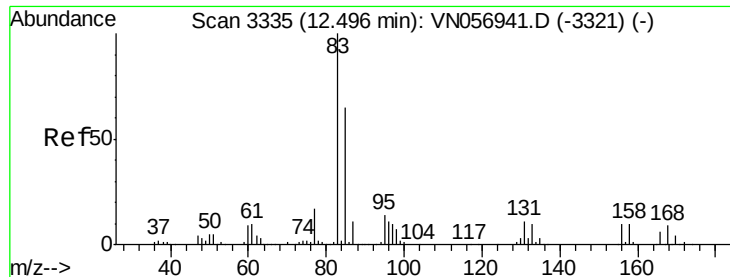
43 100

70 46.0 36.5 54.7

55 27.1 21.4 32.0

61 26.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.291 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

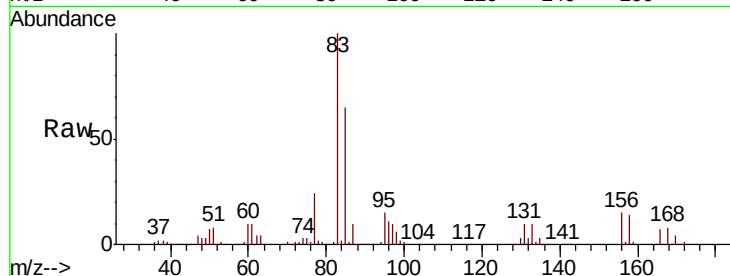
Tot Ion: 83 Resp: 315971

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

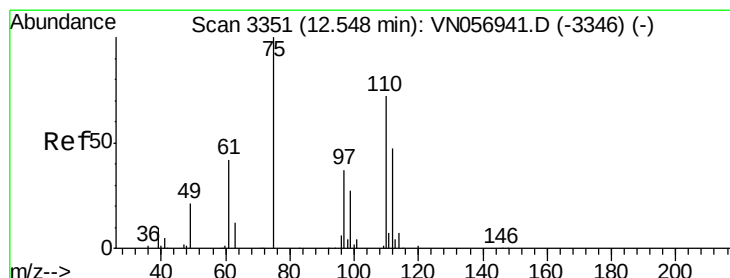
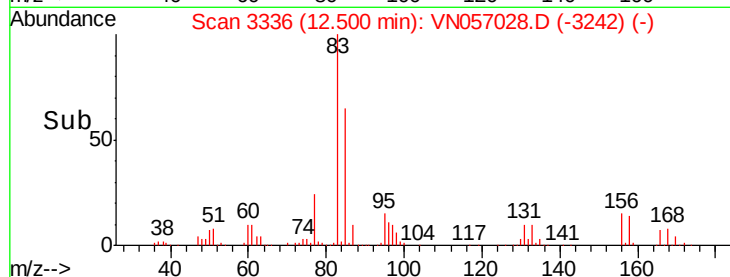
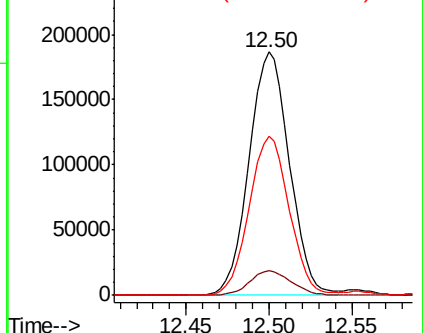
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN056941.D (-3321) (-)

Ion 130.80 (130.50 to 131.50): VN056941.D (-3321) (-)

Ion 84.90 (84.60 to 85.60): VN056941.D (-3321) (-)



#76

1,2,3-Trichloropropane

Concen: 71.313 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN057028.D

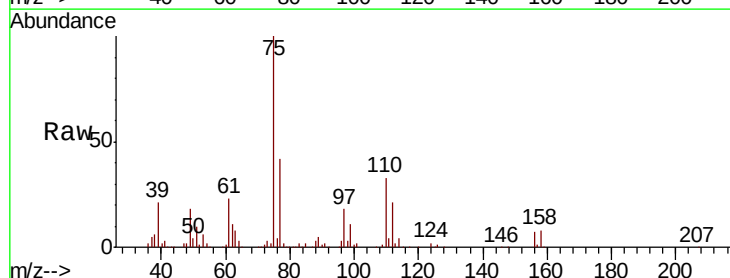
Acq: 1 Aug 2019 11:22

Tgt Ion: 75 Resp: 394338

Ion Ratio Lower Upper

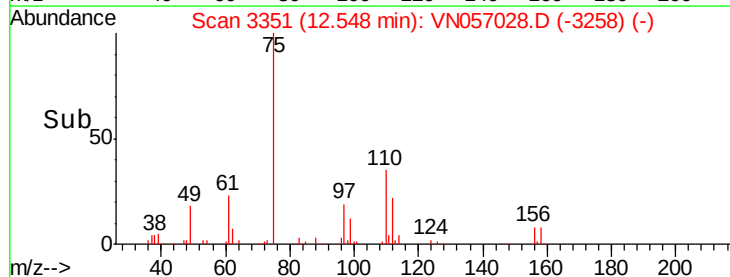
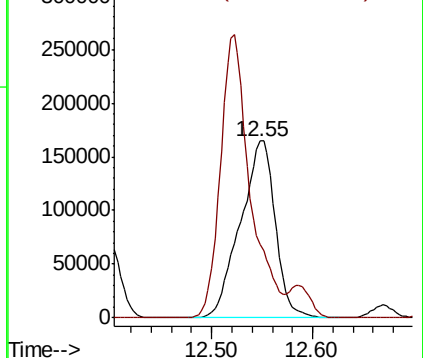
75 100

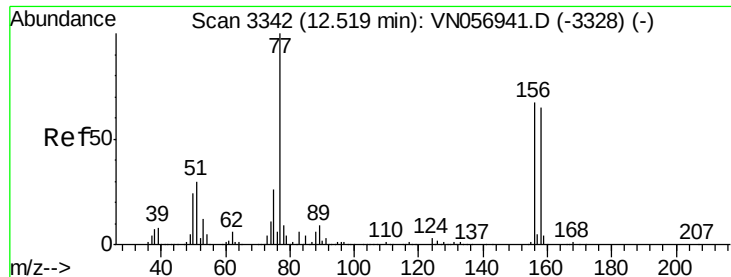
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN056941.D (-3346) (-)





#77

Bromobenzene

Concen: 49.010 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

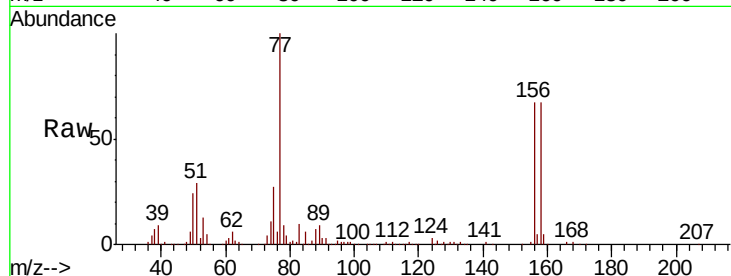
Tot Ion:156 Resp: 301007

Ion Ratio Lower Upper

156 100

77 181.3 89.5 268.5

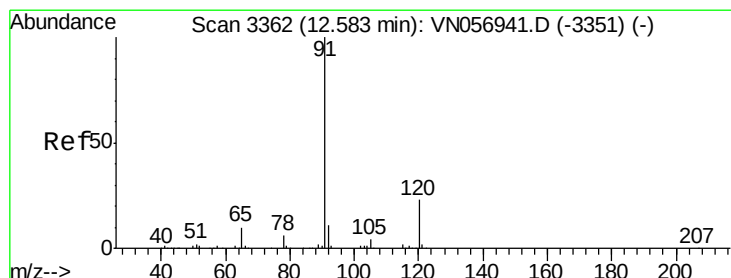
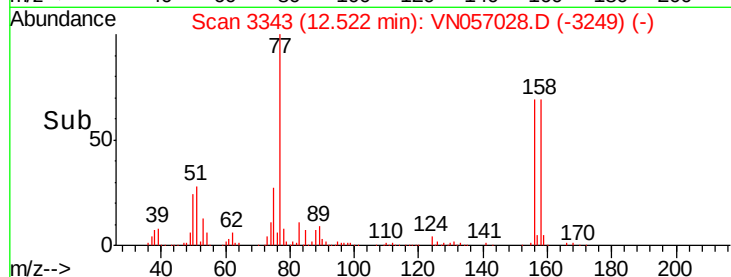
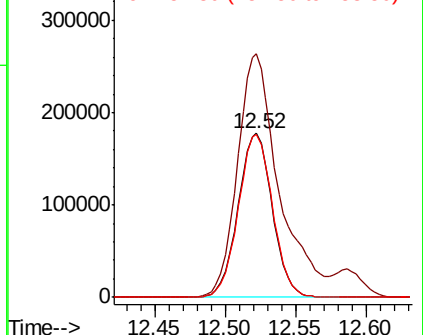
158 99.6 48.4 145.3



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: 50.435 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057028.D

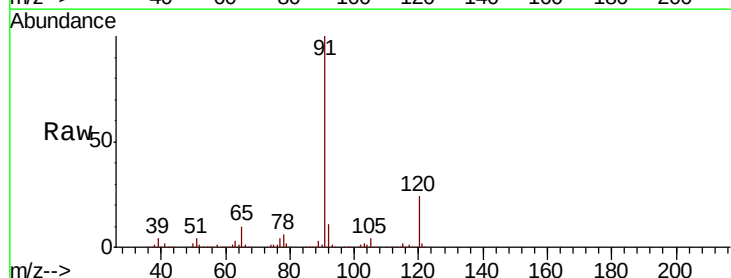
Acq: 1 Aug 2019 11:22

Tgt Ion: 91 Resp: 1267234

Ion Ratio Lower Upper

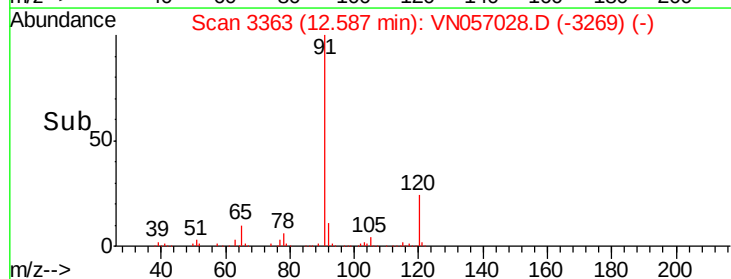
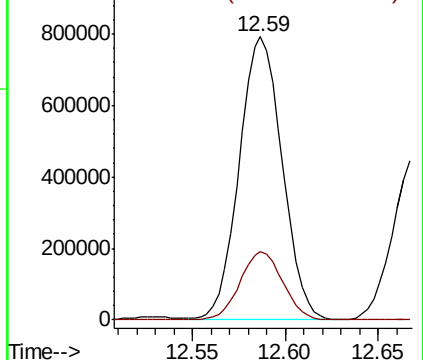
91 100

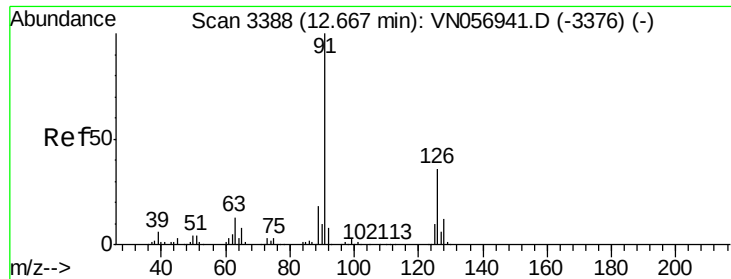
120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.063 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

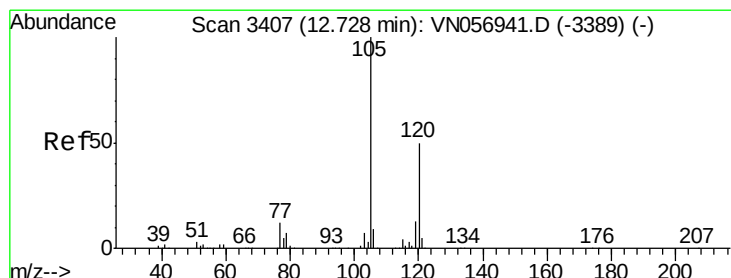
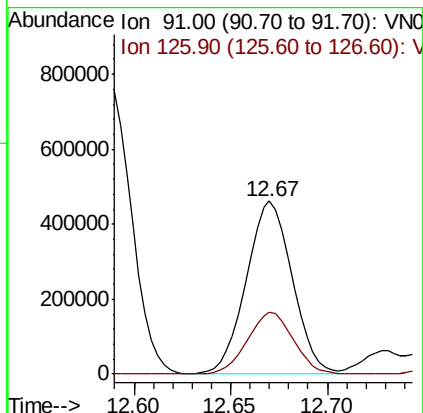
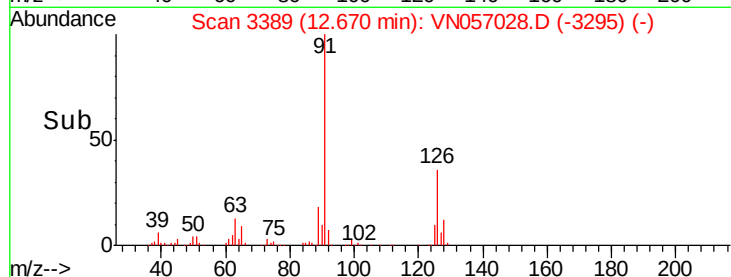
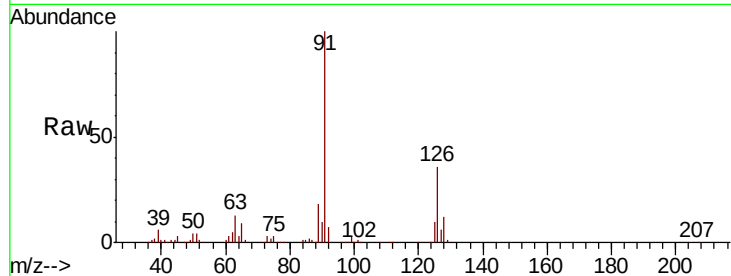
VSTDCCC050

Tot Ion: 91 Resp: 759087

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 50.389 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN057028.D

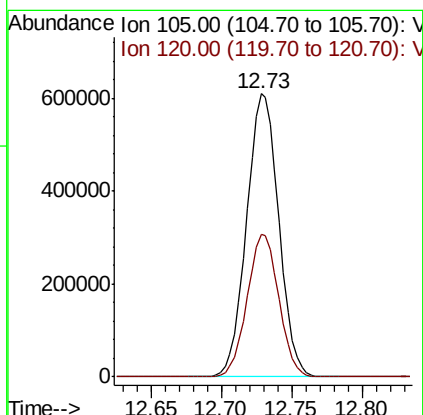
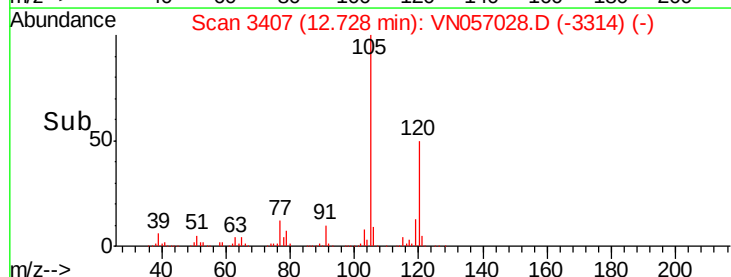
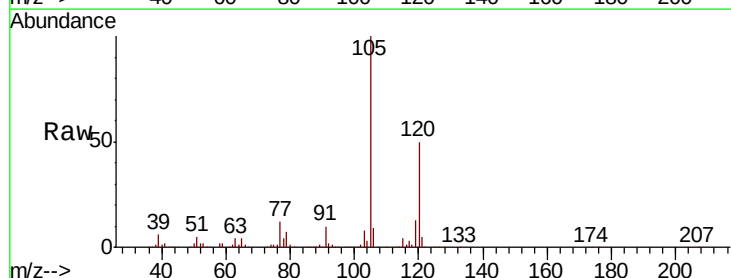
Acq: 1 Aug 2019 11:22

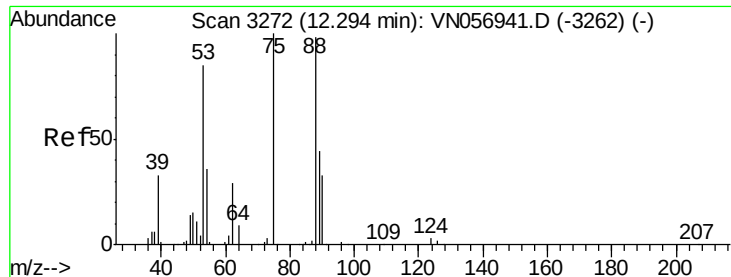
Tgt Ion:105 Resp: 973187

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 55.850 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

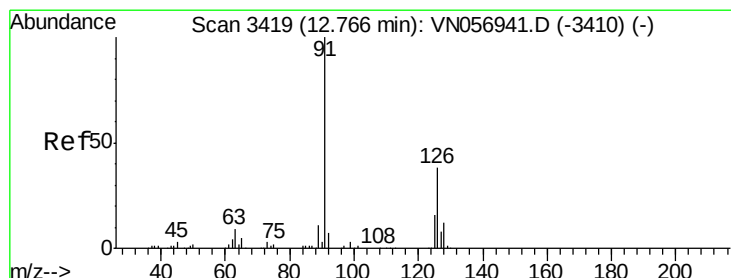
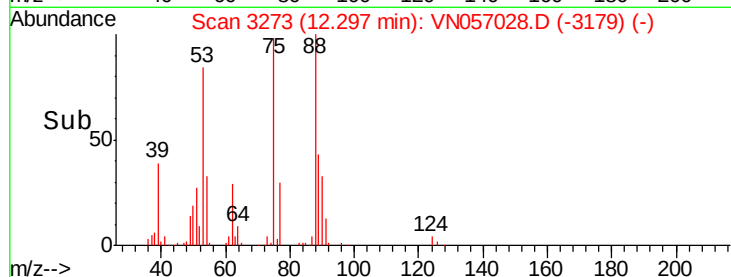
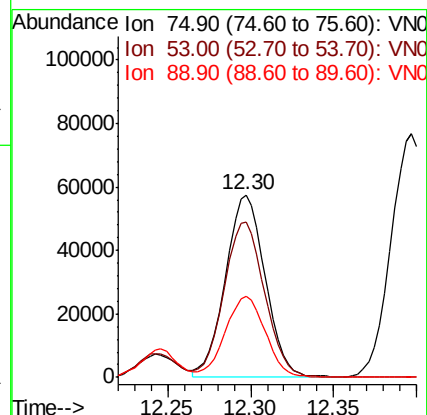
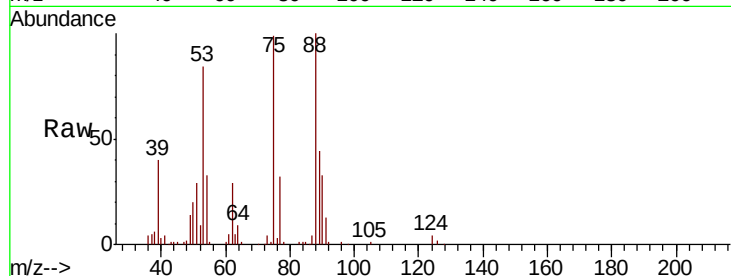
Tot Ion: 75 Resp: 96121

Ion Ratio Lower Upper

75 100

53 87.1 69.3 103.9

89 44.7 35.8 53.6



#82

4-Chlorotoluene

Concen: 51.436 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057028.D

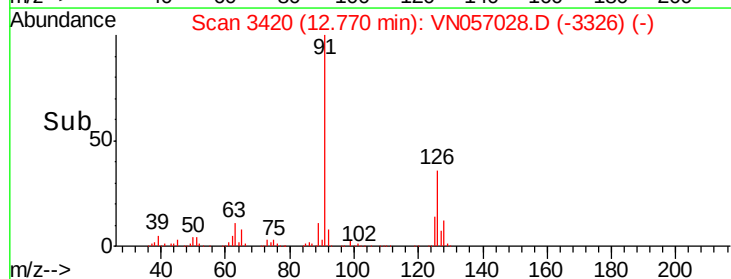
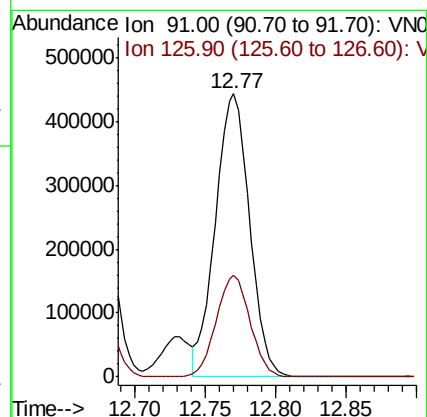
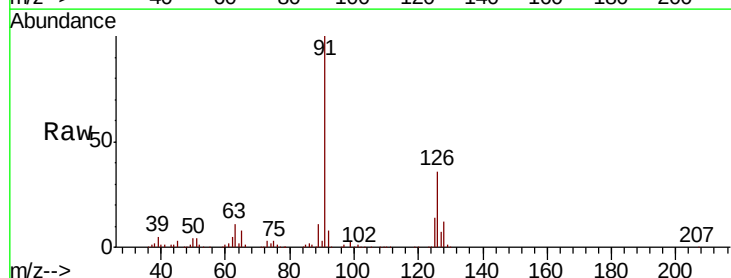
Acq: 1 Aug 2019 11:22

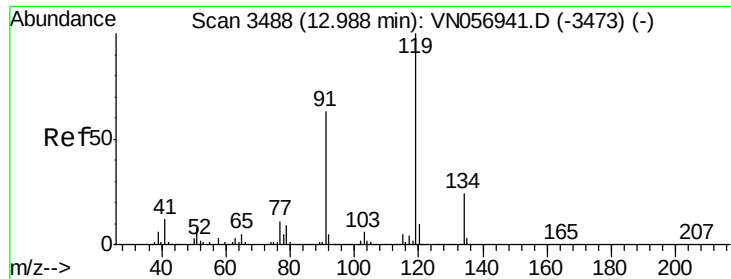
Tgt Ion: 91 Resp: 744723

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5

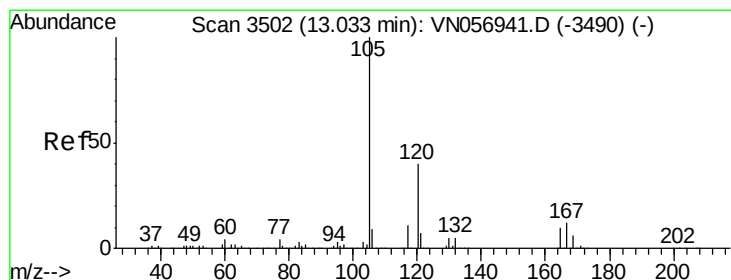
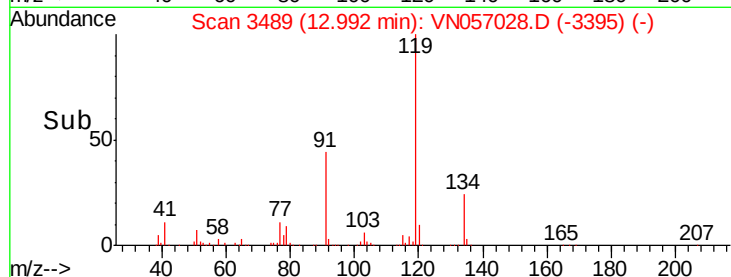
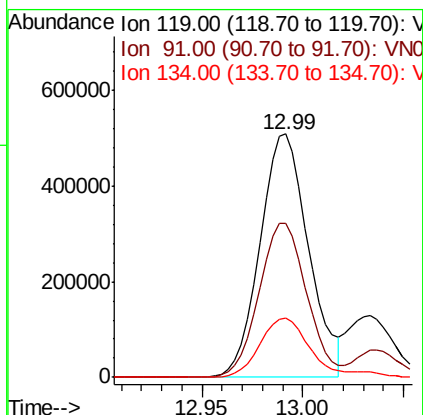
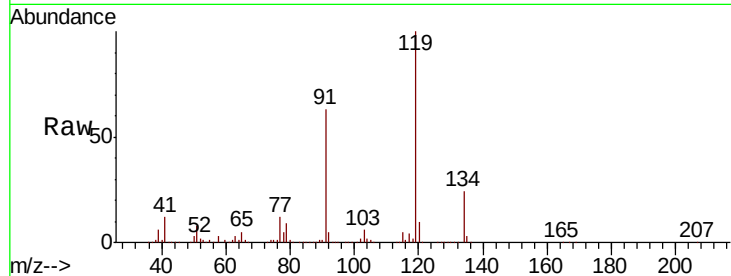




#83
 tert-Butylbenzene
 Concen: 49.959 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

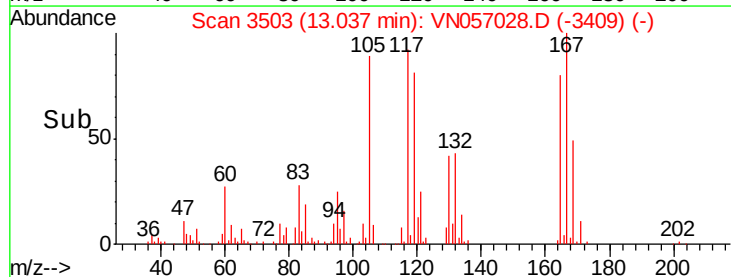
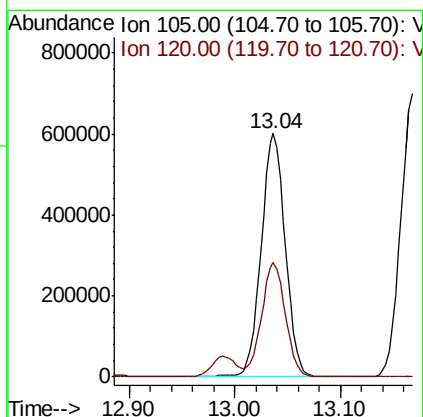
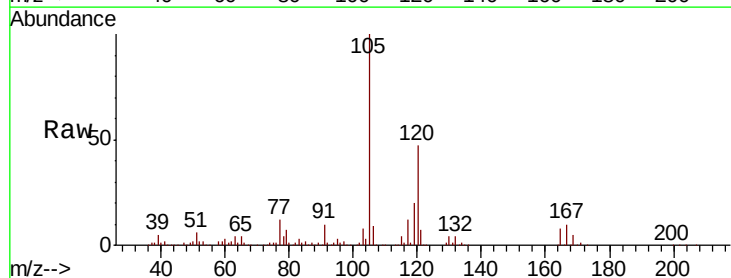
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

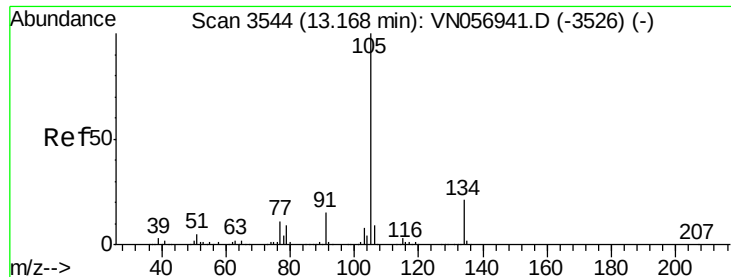
Tot Ion:119 Resp: 854166
 Ion Ratio Lower Upper
 119 100
 91 61.9 31.3 93.8
 134 26.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.465 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion:105 Resp: 956414
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.843 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

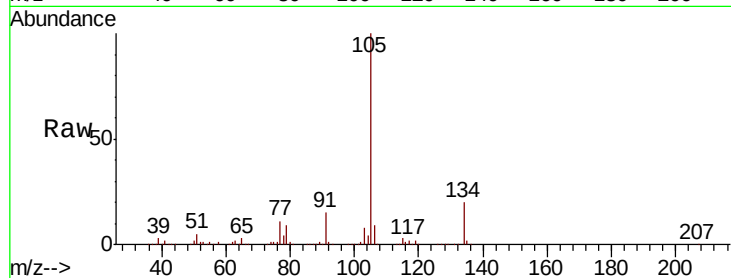
VSTDCCC050

Tot Ion:105 Resp: 1099201

Ion Ratio Lower Upper

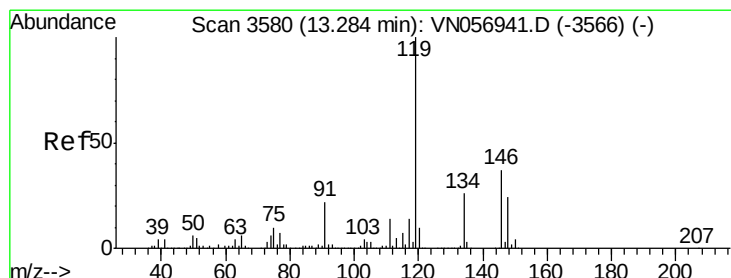
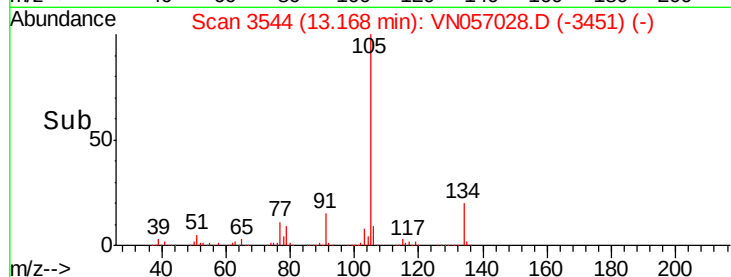
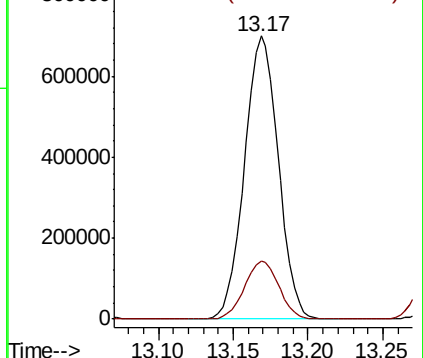
105 100

134 20.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.109 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

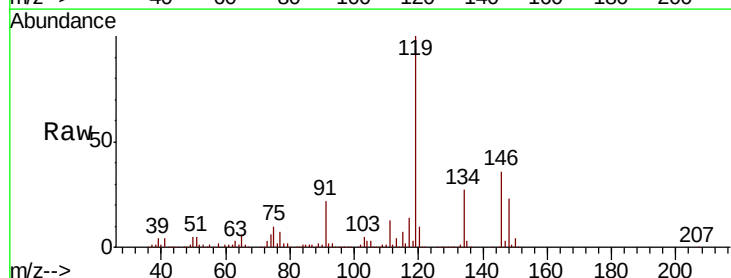
Tgt Ion:119 Resp: 1000680

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

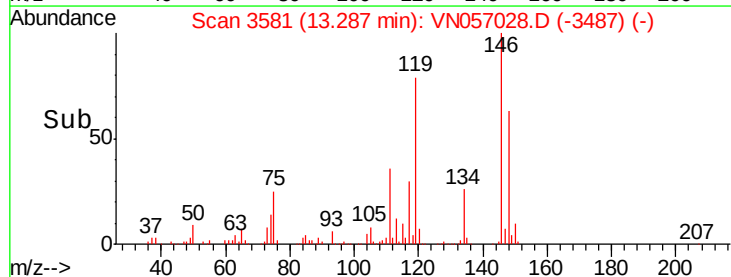
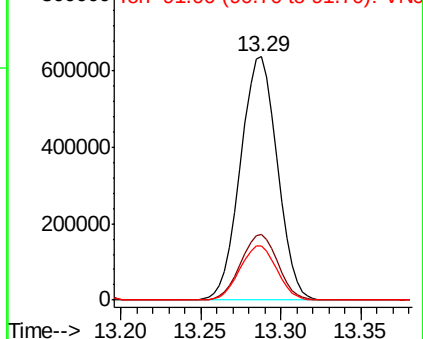
91 22.3 11.0 33.0

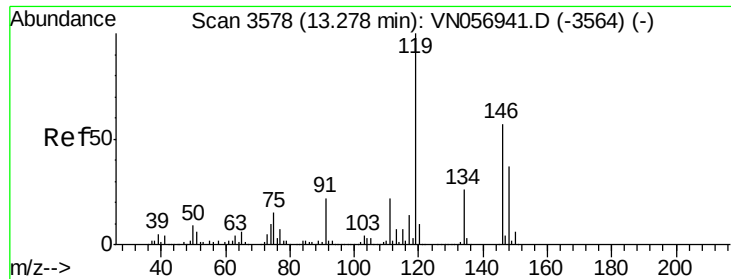


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

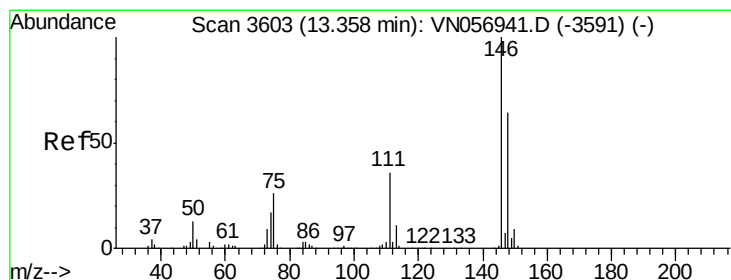
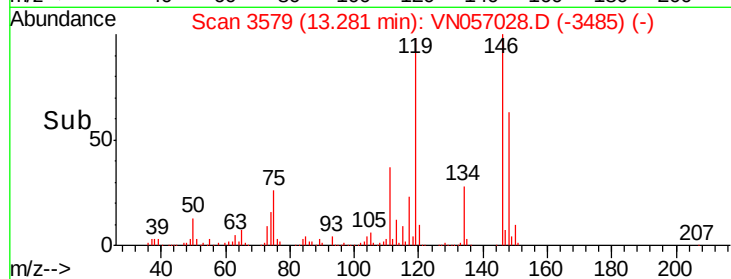
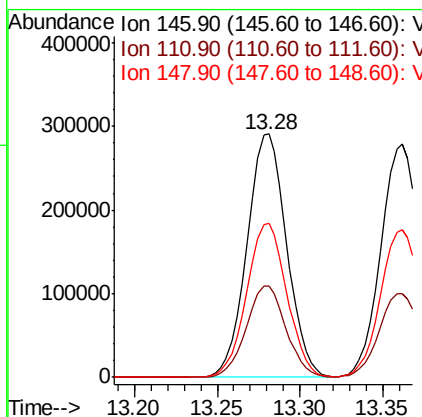
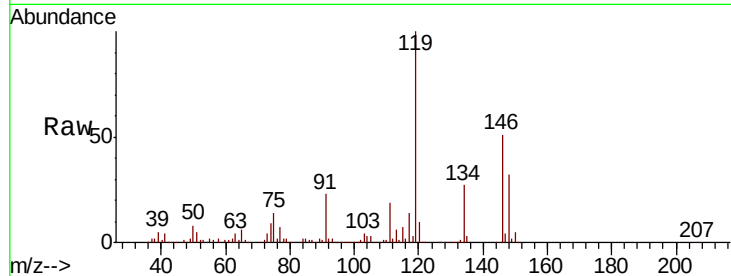




#87
 1,3-Dichlorobenzene
 Concen: 51.673 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

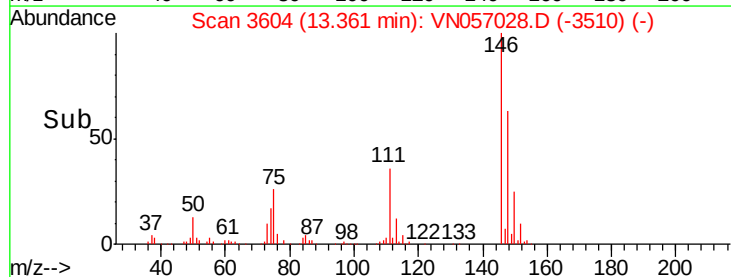
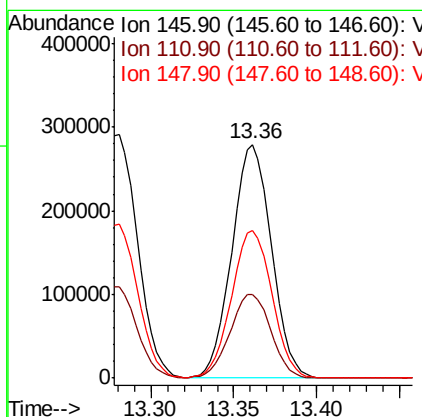
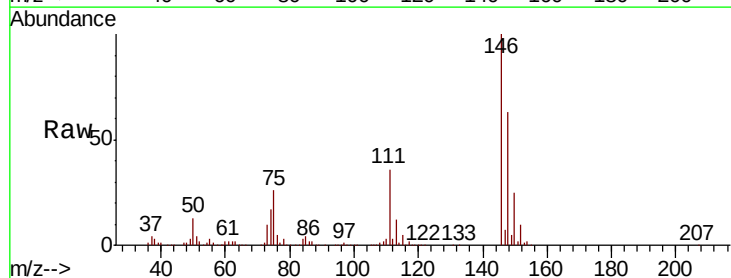
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

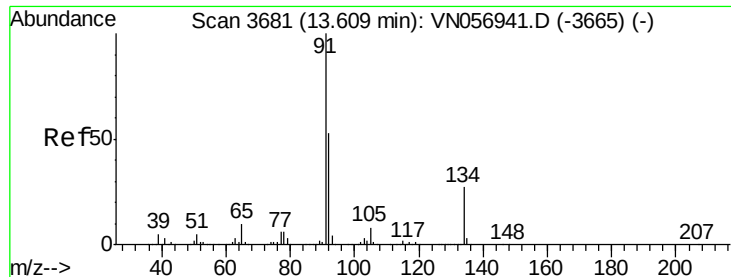
Tot Ion:146 Resp: 482744
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.501 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion:146 Resp: 463178
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 64.7 32.3 96.9





#89

n-Butylbenzene

Concen: 52.072 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

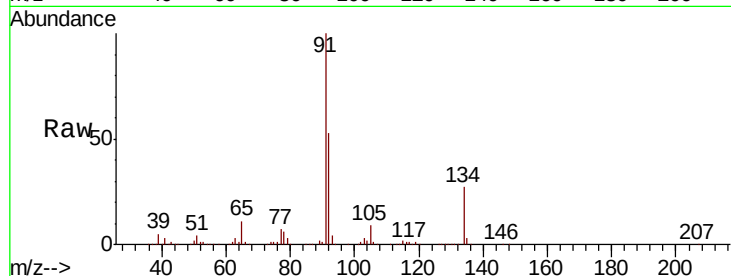
Tot Ion: 91 Resp: 785761

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

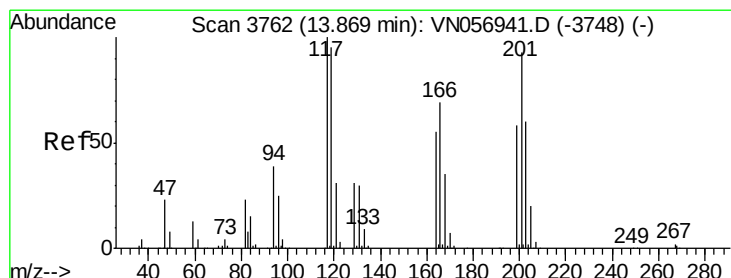
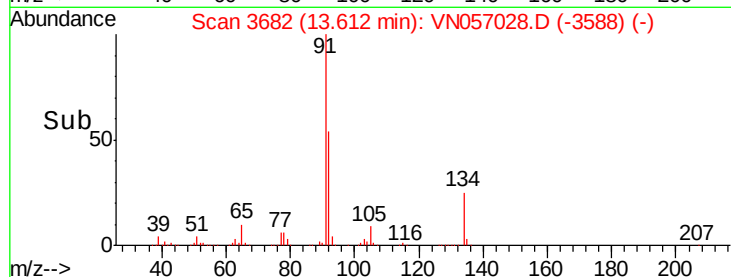
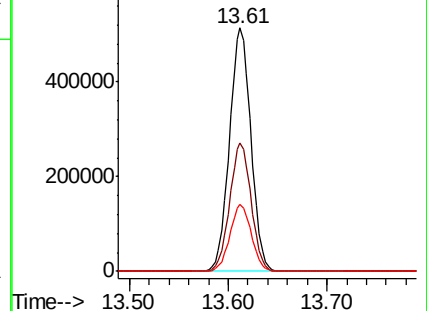
134 27.3 13.5 40.4



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: 50.453 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN057028.D

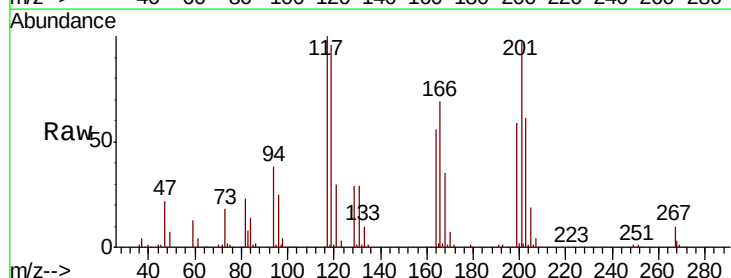
Acq: 1 Aug 2019 11:22

Tgt Ion: 117 Resp: 170096

Ion Ratio Lower Upper

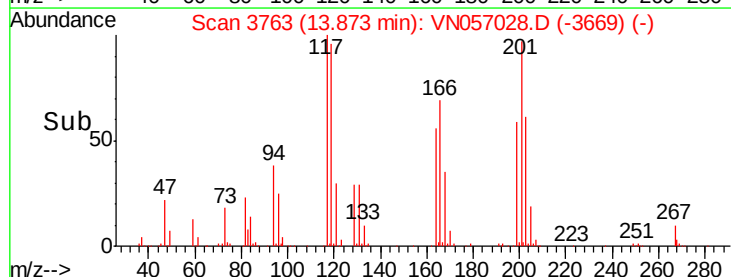
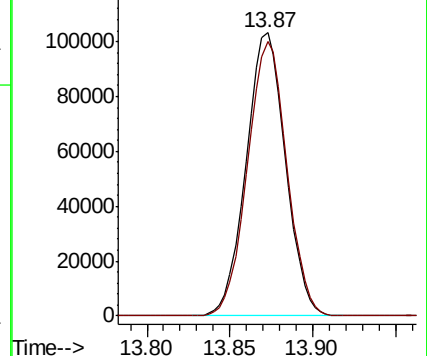
117 100

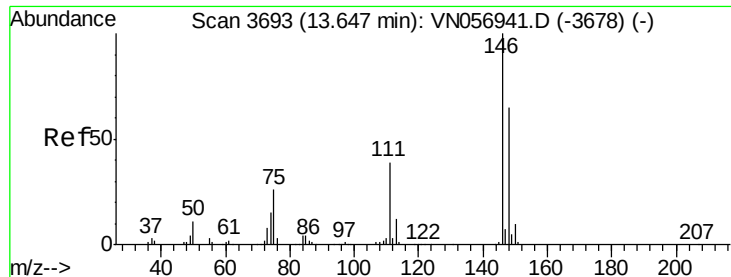
201 96.8 47.0 141.2



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

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

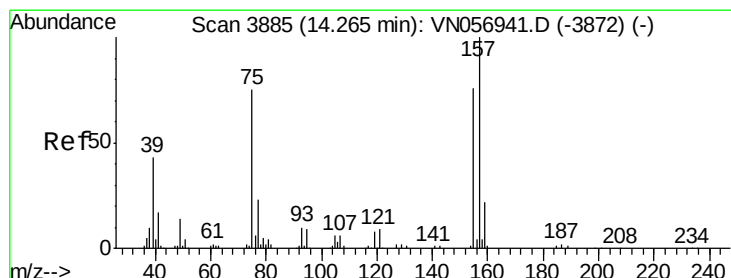
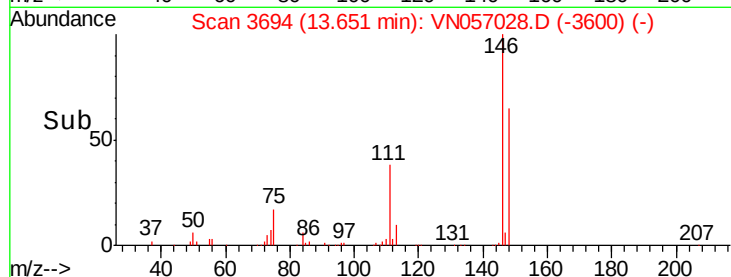
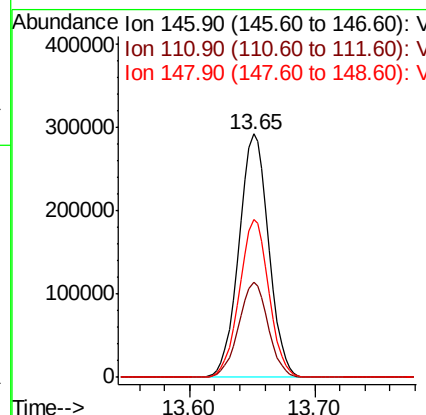
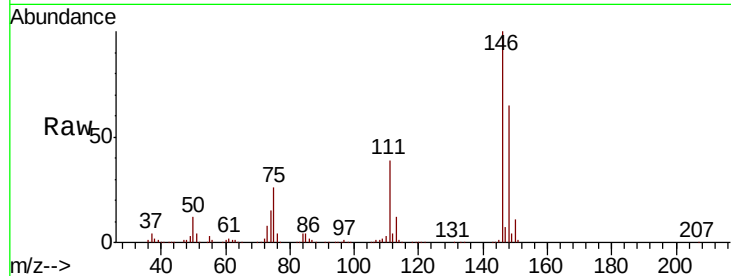




#91
 1,2-Dichlorobenzene
 Concen: 52.336 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

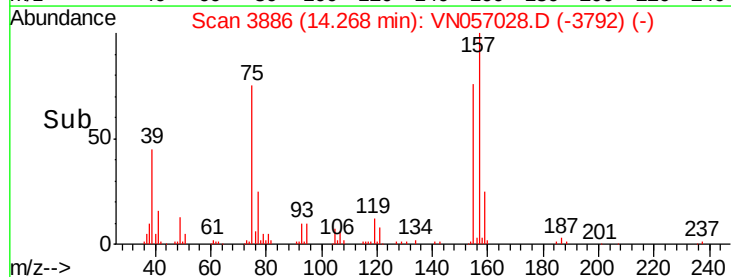
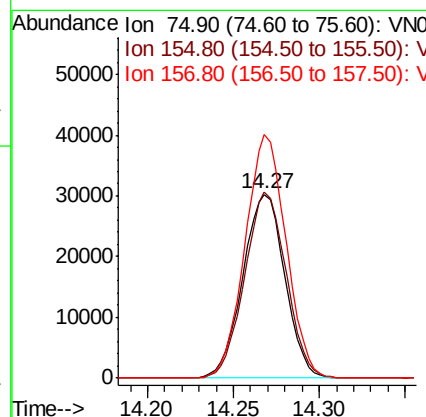
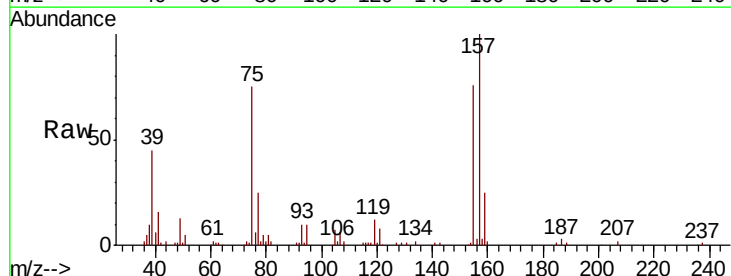
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

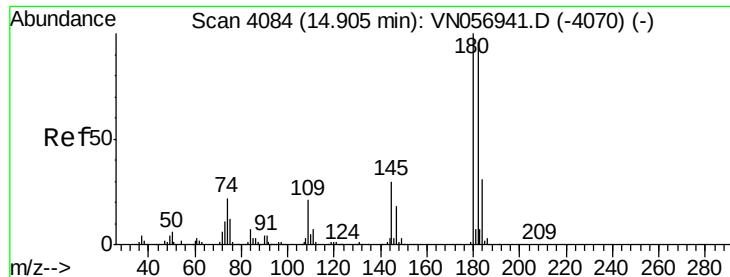
Tot Ion:146 Resp: 481208
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.4
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.842 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion: 75 Resp: 51329
 Ion Ratio Lower Upper
 75 100
 155 99.8 50.2 150.6
 157 128.8 65.1 195.4

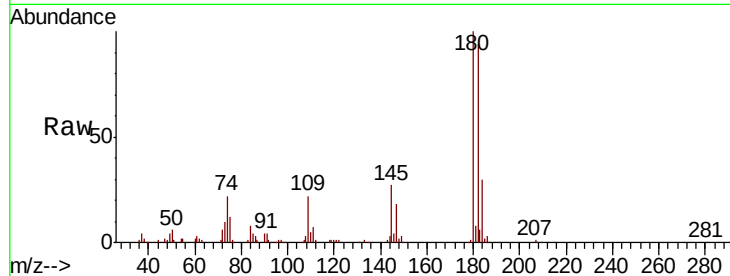




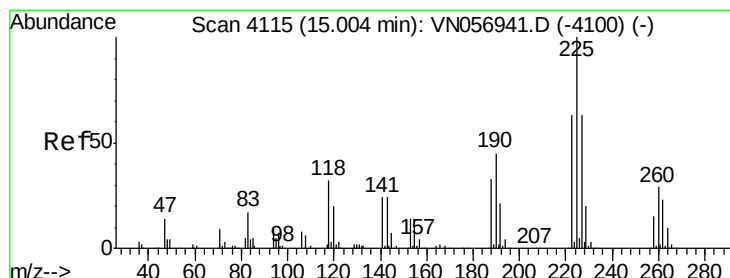
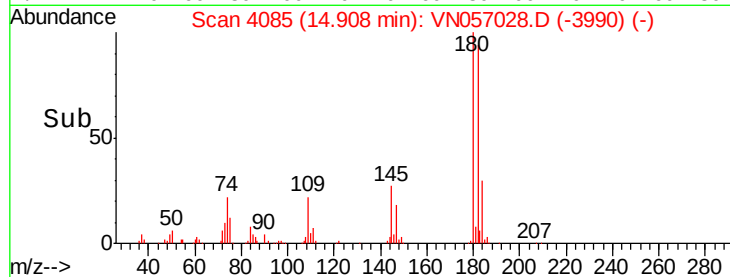
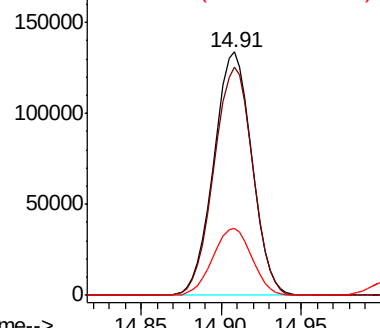
#93
 1,2,4-Trichlorobenzene
 Concen: 45.946 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 216834
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.8
 145 28.3 14.2 42.8

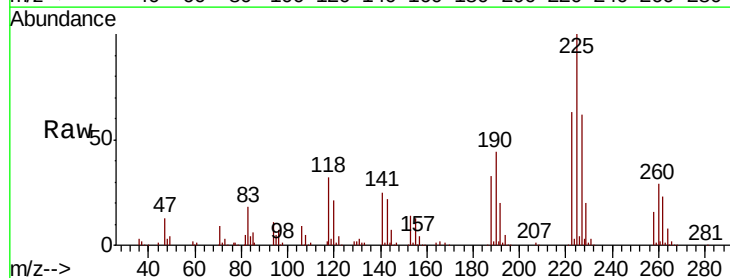


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

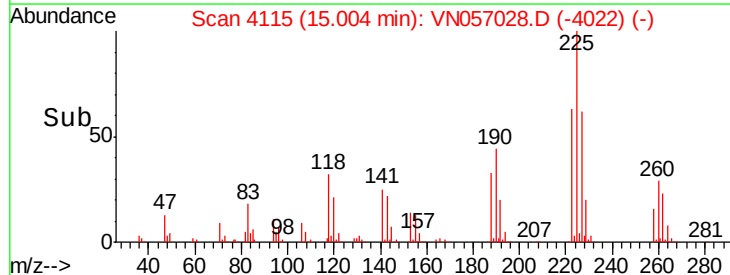
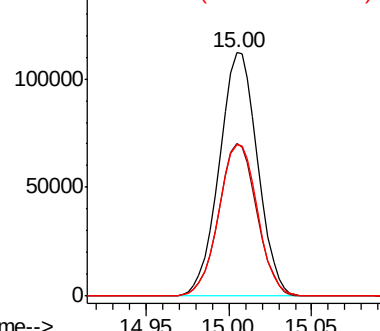


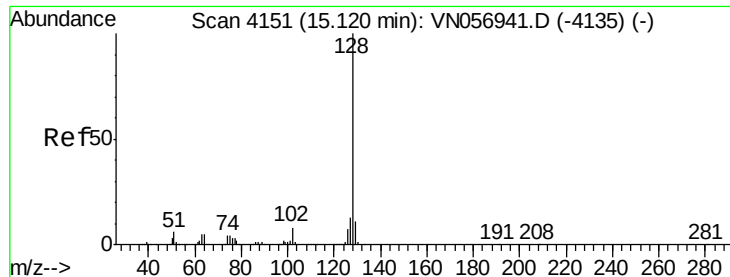
#94
 Hexachlorobutadiene
 Concen: 56.531 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN057028.D
 Acq: 1 Aug 2019 11:22

Tgt Ion:225 Resp: 180171
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.8 92.4
 227 63.3 31.1 93.5



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





#95

Naphthalene

Concen: 48.983 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

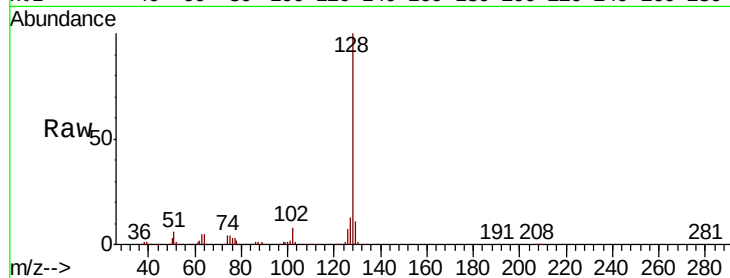
Tot Ion:128 Resp: 565774

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

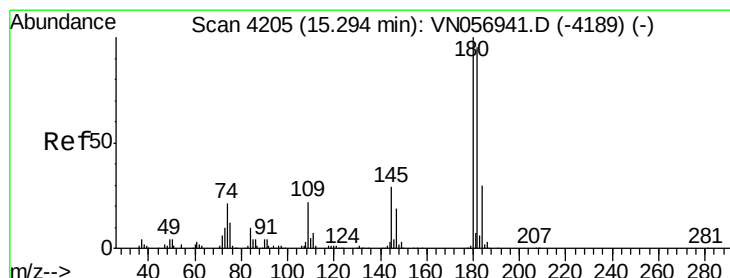
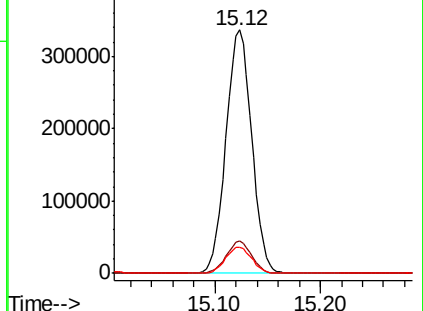
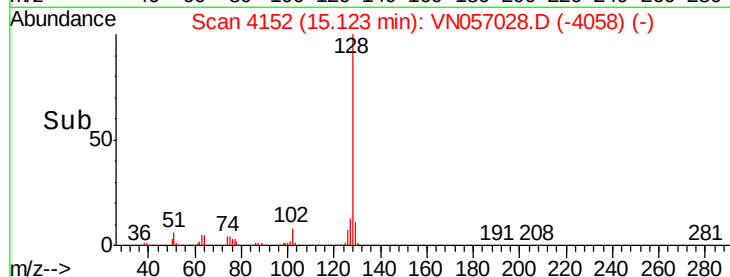
129 10.9 8.7 13.1



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: 50.841 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057028.D

Acq: 1 Aug 2019 11:22

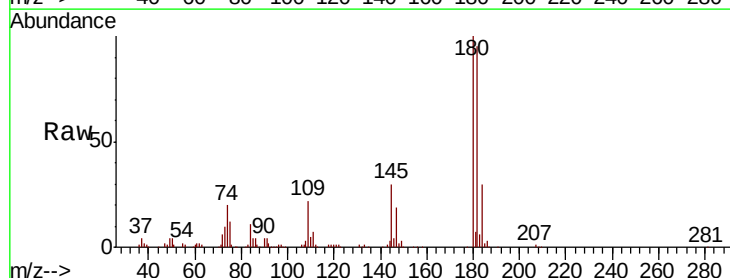
Tgt Ion:180 Resp: 243864

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.2

145 29.5 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

