

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057633.D
 Acq On : 1 Sep 2019 10:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 01:49:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	192230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	208158	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.58	113	136530	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	529071	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	201753	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	152633	49.654	ug/l	100
3) Chloromethane	2.05	50	170645	48.154	ug/l	97
4) Vinyl Chloride	2.18	62	141651	51.033	ug/l	99
5) Bromomethane	2.51	94	84385	48.049	ug/l	98
6) Chloroethane	2.65	64	77627	50.069	ug/l	99
7) Trichlorofluoromethane	2.99	101	200081	51.353	ug/l	99
8) Diethyl Ether	3.39	74	64148	49.756	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	99519	50.383	ug/l	99
10) Methyl Iodide	3.92	142	127561	50.018	ug/l	99
11) Tert butyl alcohol	4.82	59	98525	216.322	ug/l	100
12) 1,1-Dichloroethene	3.71	96	90485	50.535	ug/l	96
13) Acrolein	3.59	56	37246	205.675	ug/l	98
14) Allyl chloride	4.29	41	273299	48.926	ug/l	98
15) Acrylonitrile	4.97	53	316971	231.930	ug/l	99
16) Acetone	3.81	43	355223	291.887	ug/l	100
17) Carbon Disulfide	4.02	76	288182	49.784	ug/l	99
18) Methyl Acetate	4.31	43	180107	43.102	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	455141	49.132	ug/l	97
20) Methylene Chloride	4.52	84	149356	49.573	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	135263	50.813	ug/l	97
22) Diisopropyl ether	5.94	45	572725	49.876	ug/l	99
23) Vinyl Acetate	5.88	43	2246803	254.592	ug/l	98
24) 1,1-Dichloroethane	5.82	63	294319	51.060	ug/l	99
25) 2-Butanone	6.82	43	506564	249.800	ug/l	99
26) 2,2-Dichloropropane	6.80	77	240185	52.130	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	157538	49.559	ug/l	99
28) Bromochloromethane	7.18	49	148580	48.404	ug/l	99
29) Tetrahydrofuran	7.20	42	284308	223.470	ug/l	99
30) Chloroform	7.36	83	286160	48.935	ug/l	98
31) Cyclohexane	7.63	56	277851	48.297	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	246638	51.417	ug/l	99
36) 1,1-Dichloropropene	7.78	75	215286	50.688	ug/l	99
37) Ethyl Acetate	6.92	43	194033	47.959	ug/l	100
38) Carbon Tetrachloride	7.76	117	195302	51.369	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	262079	52.227	ug/l	99
40) Benzene	8.02	78	618785	50.049	ug/l	100
41) Methacrylonitrile	7.16	41	94540	42.066	ug/l	98
42) 1,2-Dichloroethane	8.11	62	256523	51.083	ug/l	99
43) Isopropyl Acetate	8.16	43	344863	47.378	ug/l	100
44) Trichloroethene	8.82	130	142026	50.639	ug/l	97
45) 1,2-Dichloropropane	9.11	63	173020	50.241	ug/l	99
46) Dibromomethane	9.20	93	104833	49.165	ug/l	99
47) Bromodichloromethane	9.39	83	222691	51.405	ug/l	99
48) Methyl methacrylate	9.19	41	175909	47.334	ug/l	99
49) 1,4-Dioxane	9.20	88	40565	932.153	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	988992	237.060	ug/l	99
52) Toluene	10.15	92	373553	51.121	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	224013	46.525	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	252408	47.573	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	136670	49.296	ug/l	98
56) Ethyl methacrylate	10.43	69	223636	48.337	ug/l	99
57) 1,3-Dichloropropane	10.70	76	250727	49.292	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	316559	233.866	ug/l	100
59) 2-Hexanone	10.75	43	754285	246.203	ug/l	98
60) Dibromochloromethane	10.90	129	136637	45.314	ug/l	99
61) 1,2-Dibromoethane	11.00	107	138228	49.515	ug/l	99
64) Tetrachloroethene	10.63	164	130151	52.166	ug/l	98
65) Chlorobenzene	11.43	112	371477	51.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	129108	51.272	ug/l	98
67) Ethyl Benzene	11.51	91	746880	53.240	ug/l	99
68) m/p-Xylenes	11.62	106	512899	103.779	ug/l	97
69) o-Xylene	11.95	106	249377	52.066	ug/l	99
70) Styrene	11.96	104	421905	48.998	ug/l	99
71) Bromoform	12.13	173	83335	45.209	ug/l #	98
73) Isopropylbenzene	12.25	105	705145	51.040	ug/l	98
74) N-amyl acetate	12.07	43	306066	46.943	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	191096	46.931	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	249609	69.347	ug/l #	100
77) Bromobenzene	12.53	156	154212	52.445	ug/l	97
78) n-propylbenzene	12.59	91	816330	53.088	ug/l	99
79) 2-Chlorotoluene	12.67	91	493415	51.460	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	604634	53.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	49143	46.800	ug/l	99
82) 4-Chlorotoluene	12.77	91	493854	52.034	ug/l	100
83) tert-Butylbenzene	12.99	119	499603	51.806	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	580012	52.748	ug/l	100
85) sec-Butylbenzene	13.17	105	674085	51.966	ug/l	100
86) p-Isopropyltoluene	13.29	119	569557	53.092	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	253918	53.006	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	241864	52.269	ug/l	99
89) n-Butylbenzene	13.62	91	515725	51.300	ug/l	99
90) Hexachloroethane	13.88	117	96255	51.683	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	242176	52.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29915	47.713	ug/l	94

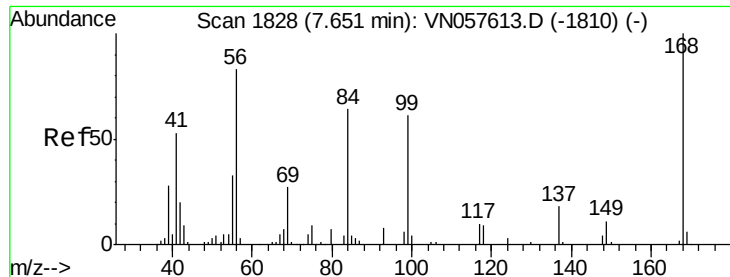
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84925	43.997	ug/l	98
94) Hexachlorobutadiene	15.01	225	81977	52.259	ug/l	97
95) Naphthalene	15.13	128	235609	41.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	87732	45.099	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

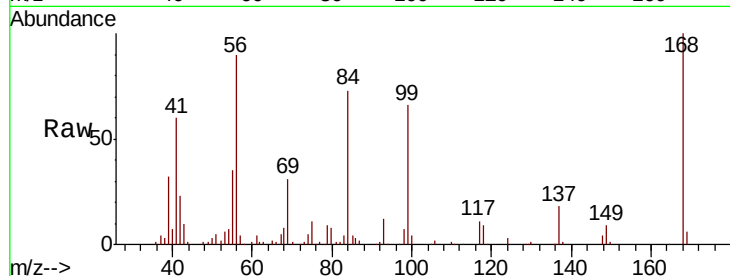
VSTDCCC050

Tgt Ion:168 Resp: 192230

Ion Ratio Lower Upper

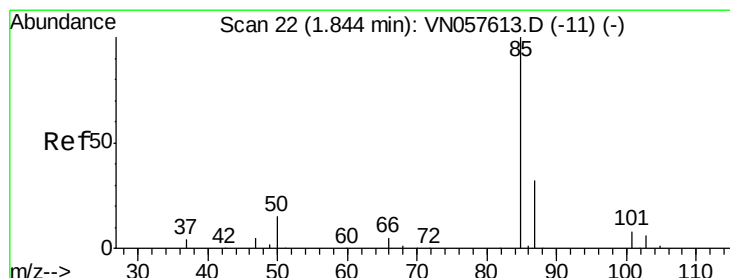
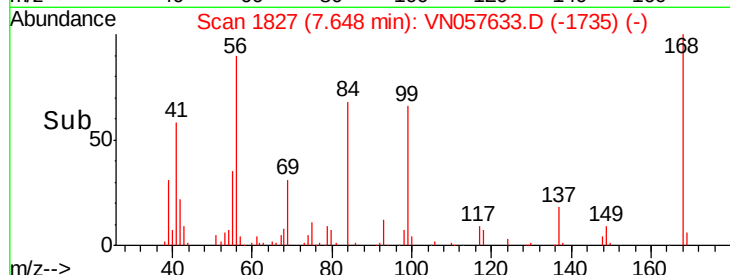
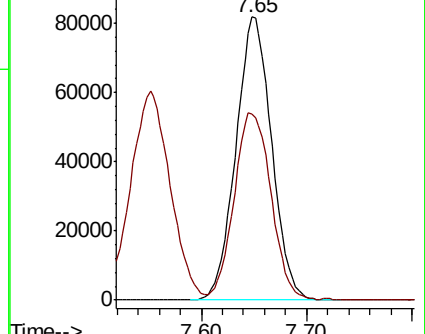
168 100

99 65.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.654 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057633.D

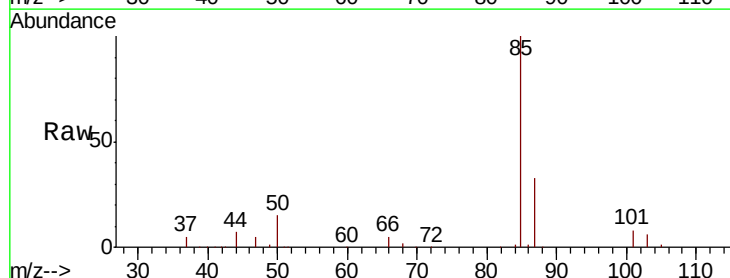
Acq: 1 Sep 2019 10:26

Tgt Ion: 85 Resp: 152633

Ion Ratio Lower Upper

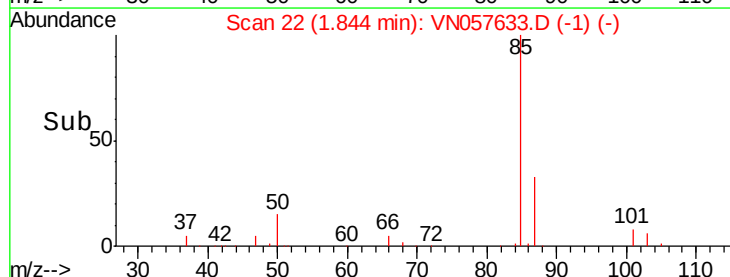
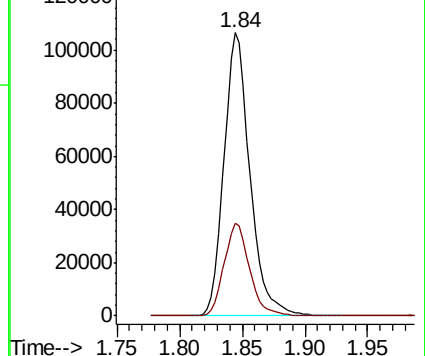
85 100

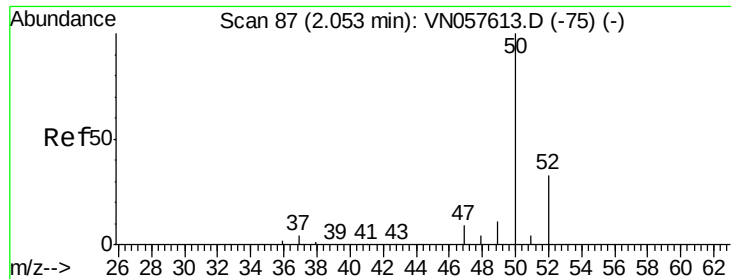
87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 48.154 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

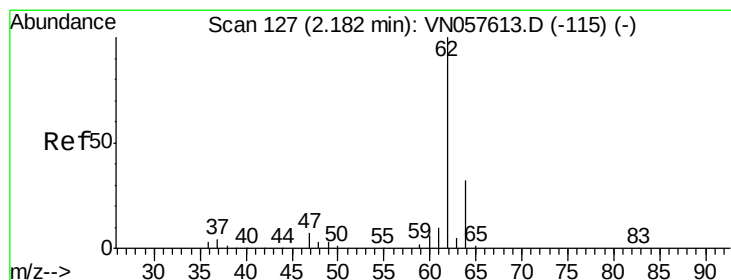
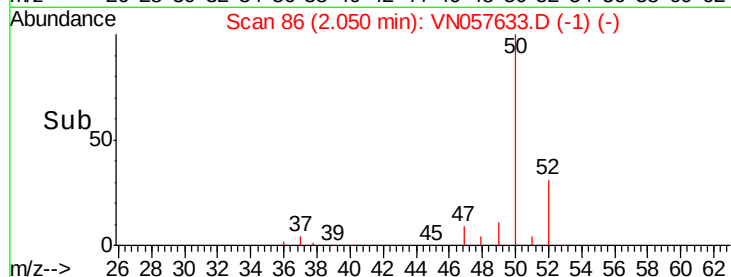
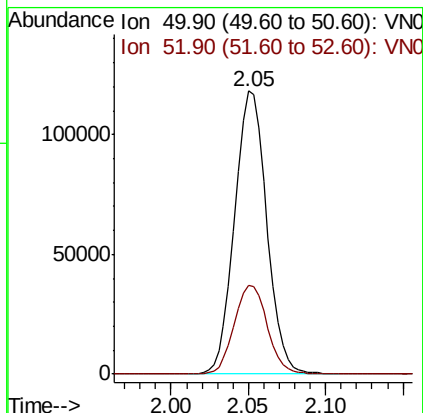
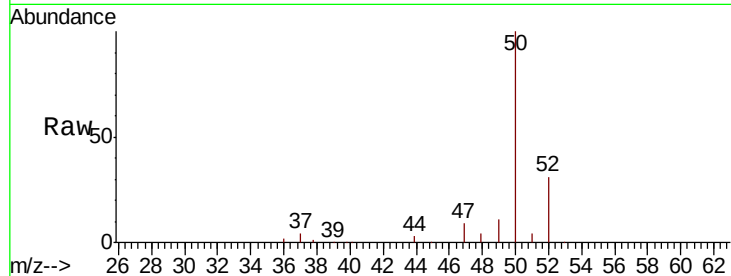
VSTDCCC050

Tgt Ion: 50 Resp: 170645

Ion Ratio Lower Upper

50 100

52 31.4 26.7 40.1



#4

Vinyl Chloride

Concen: 51.033 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057633.D

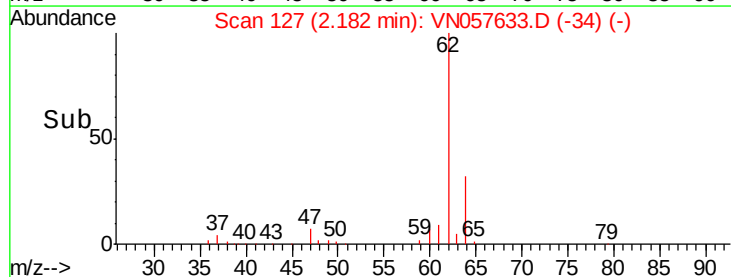
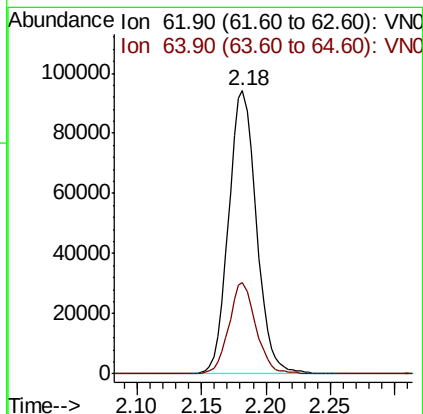
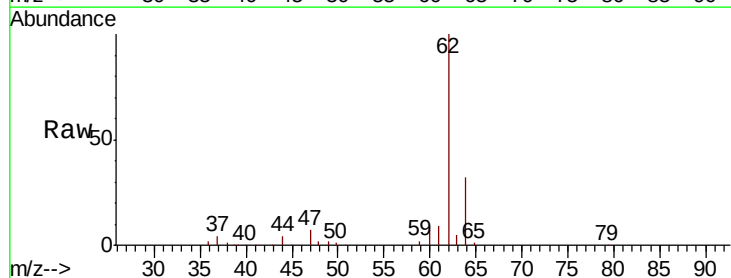
Acq: 1 Sep 2019 10:26

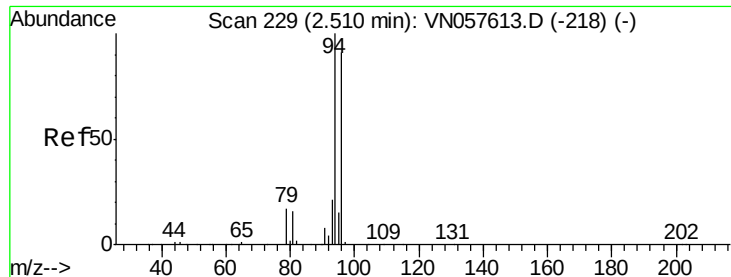
Tgt Ion: 62 Resp: 141651

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 48.049 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

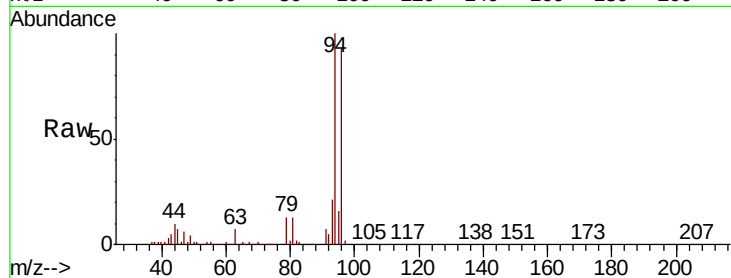
VSTDCCC050

Tgt Ion: 94 Resp: 84385

Ion Ratio Lower Upper

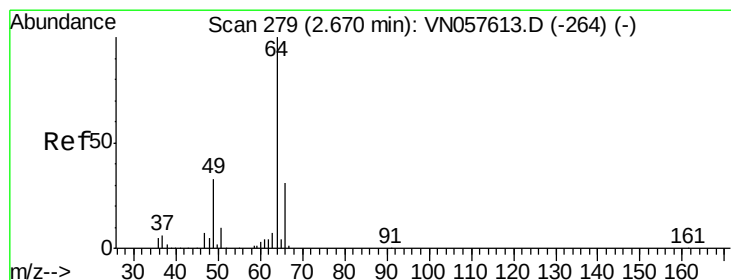
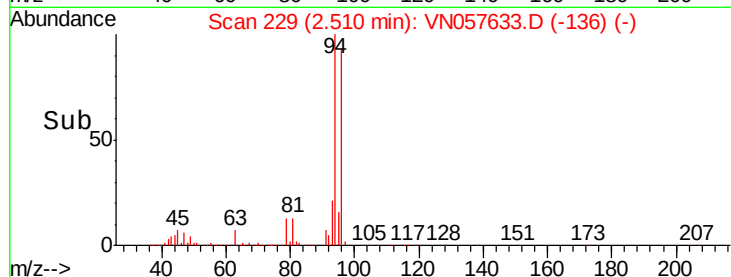
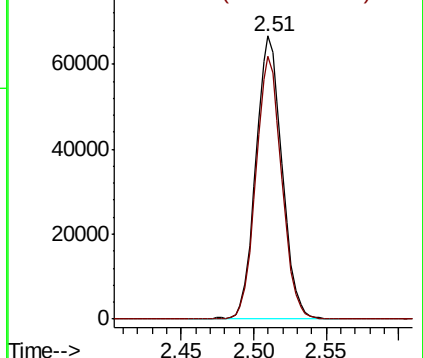
94 100

96 93.0 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.069 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.02 min

Lab File: VN057633.D

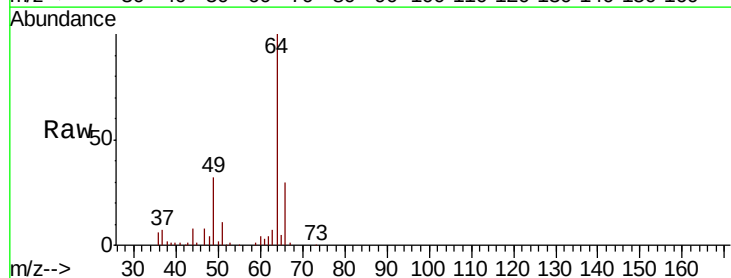
Acq: 1 Sep 2019 10:26

Tgt Ion: 64 Resp: 77627

Ion Ratio Lower Upper

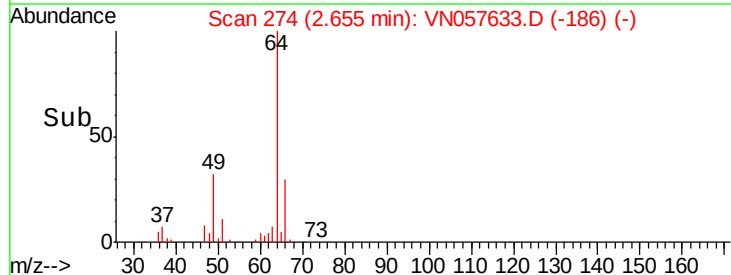
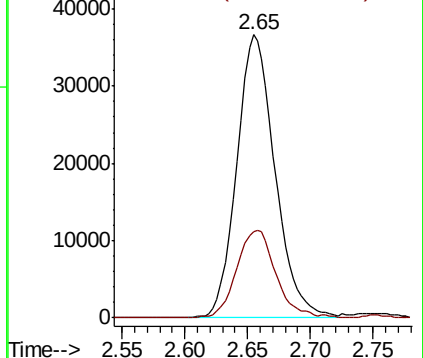
64 100

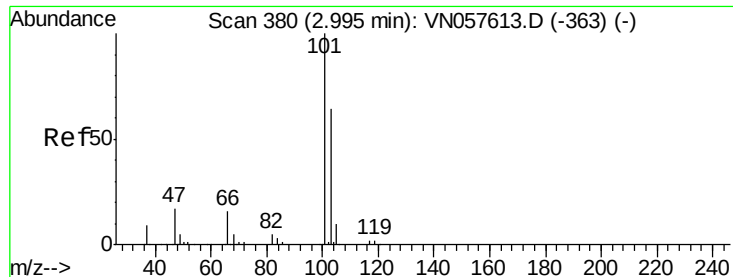
66 30.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



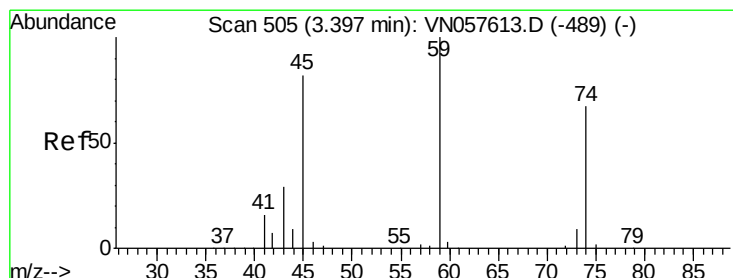
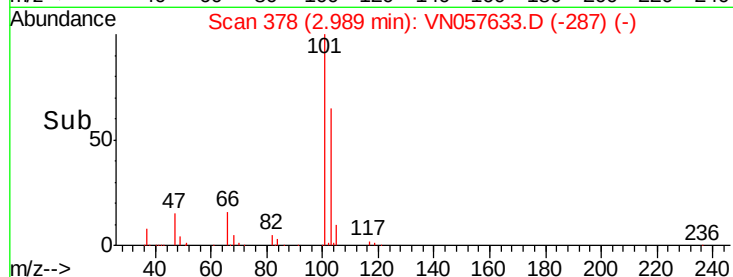
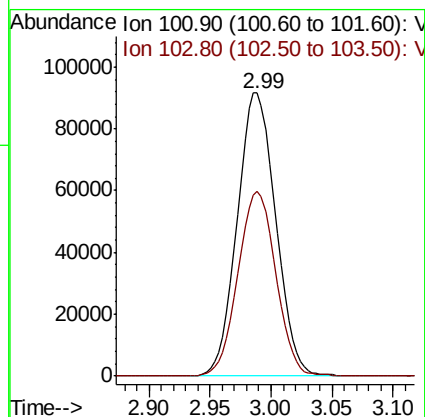
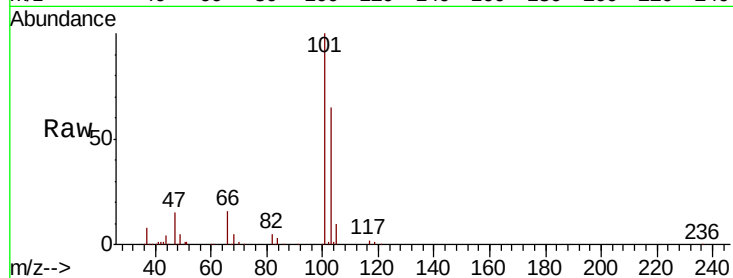


#7

Trichlorofluoromethane
 Concen: 51.353 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Instrument :
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 ClientSampleId :
 VSTDCCC050

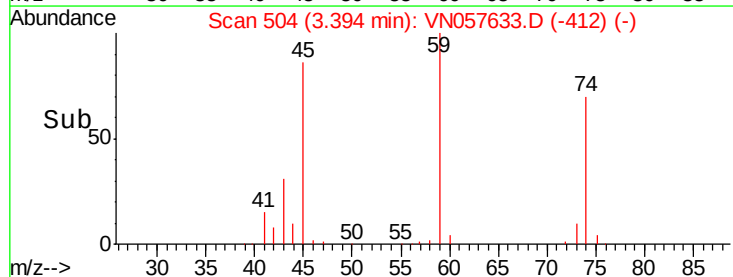
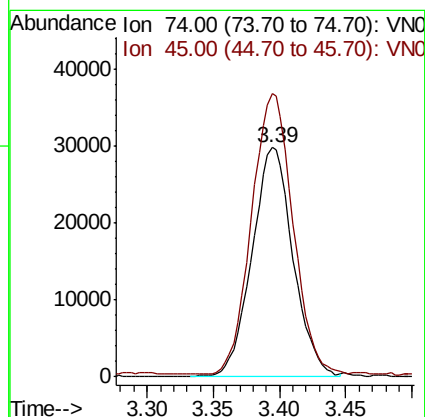
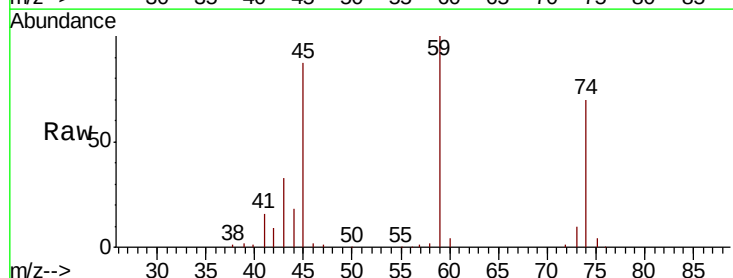
Tgt Ion:101 Resp: 200081
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9

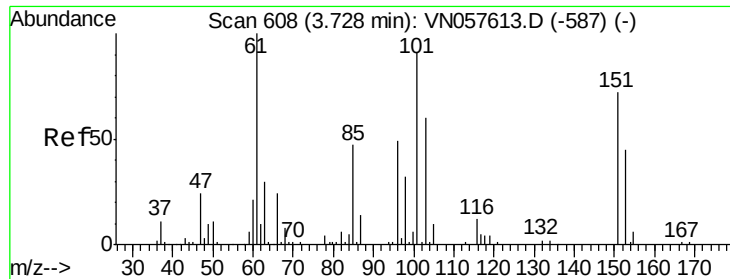


#8

Diethyl Ether
 Concen: 49.756 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 74 Resp: 64148
 Ion Ratio Lower Upper
 74 100
 45 122.9 61.9 185.7

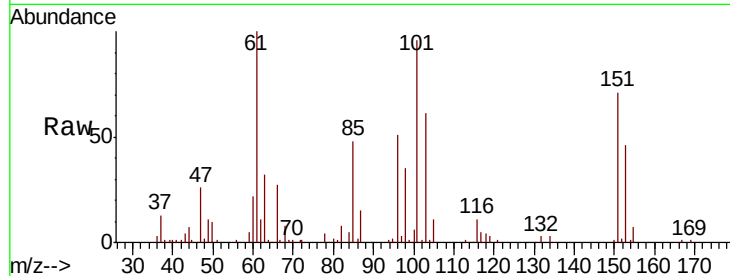




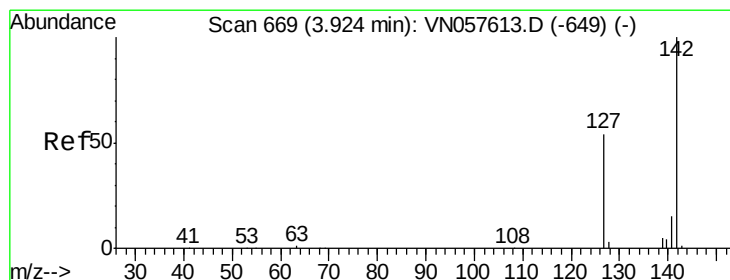
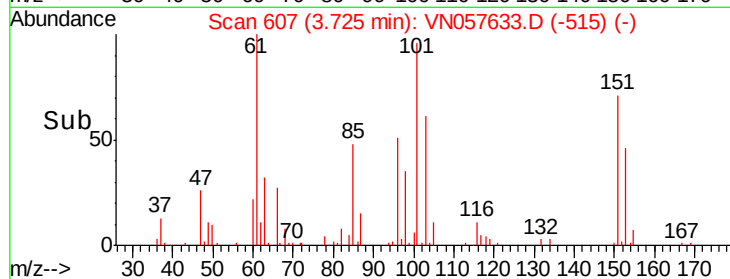
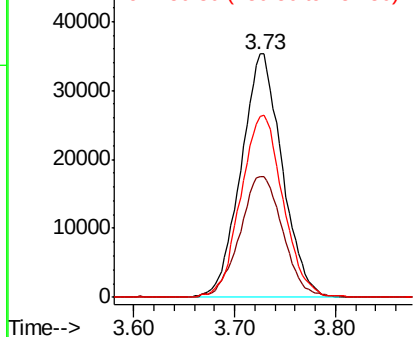
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.383 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 99519
 Ion Ratio Lower Upper
 101 100
 85 51.9 42.1 63.1
 151 76.6 60.2 90.4

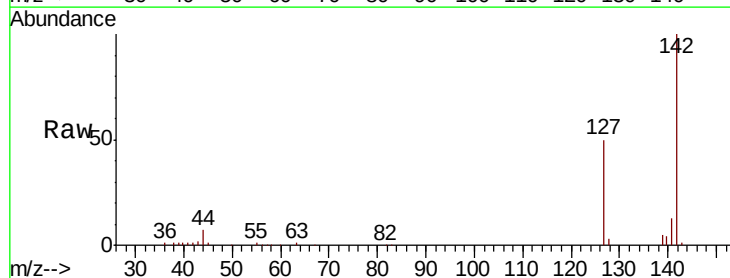


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

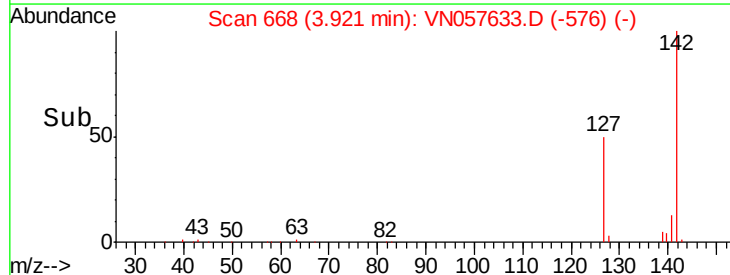
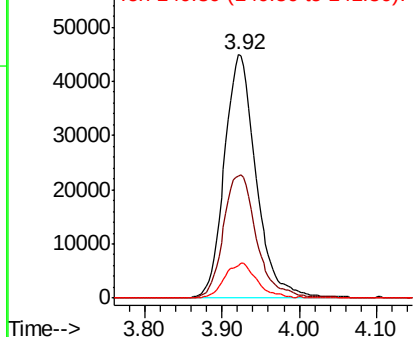


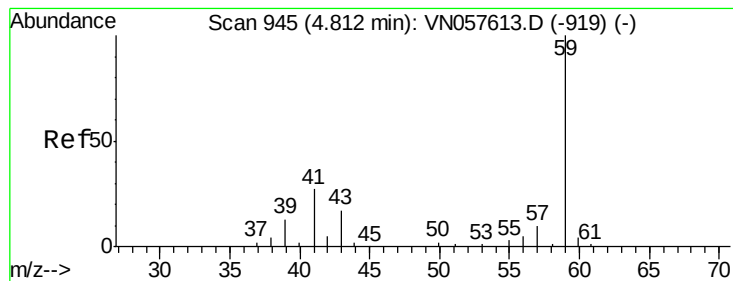
#10
 Methyl Iodide
 Concen: 50.018 ug/l
 RT: 3.92 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion:142 Resp: 127561
 Ion Ratio Lower Upper
 142 100
 127 53.0 43.0 64.6
 141 14.8 11.4 17.2



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



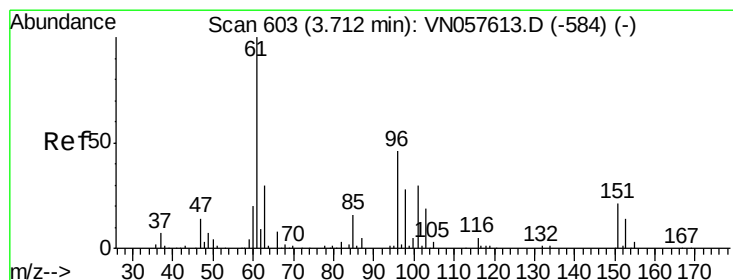
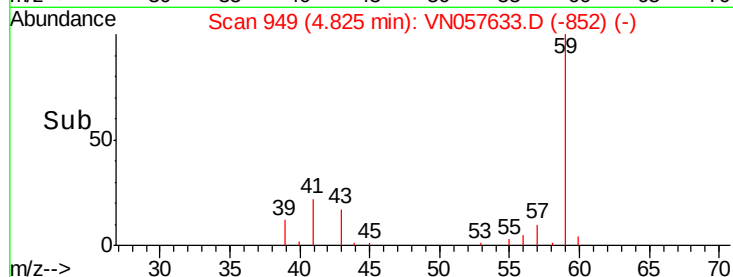
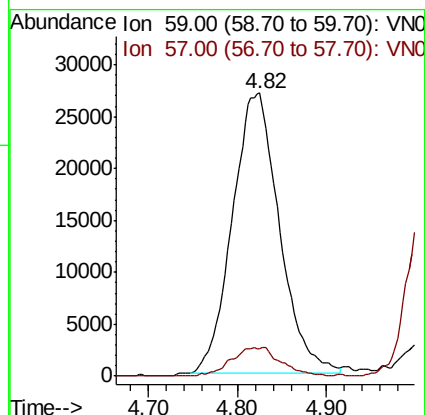
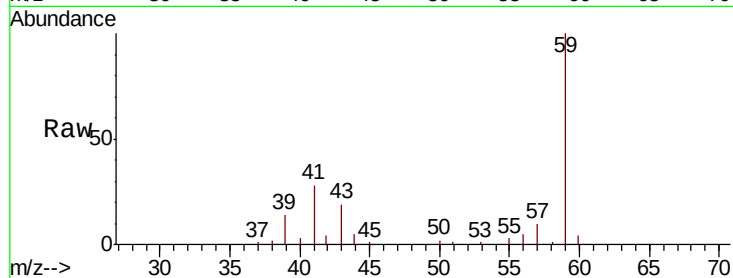


#11

Tert butyl alcohol
 Concen: 216.322 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

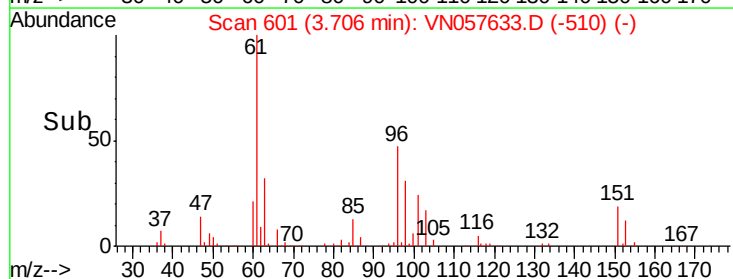
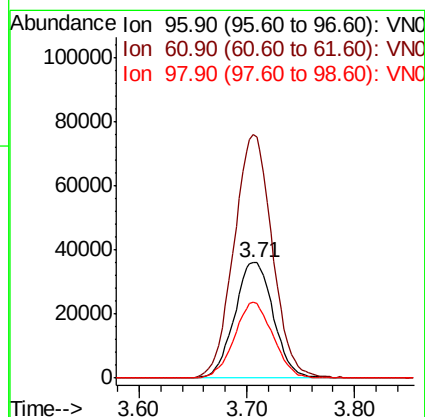
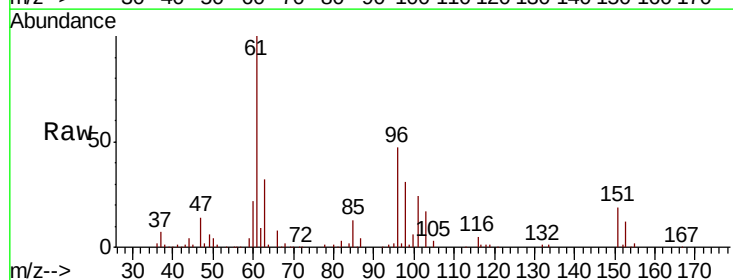
Tgt Ion: 59 Resp: 98525
 Ion Ratio Lower Upper
 59 100
 57 6.2 5.0 7.6

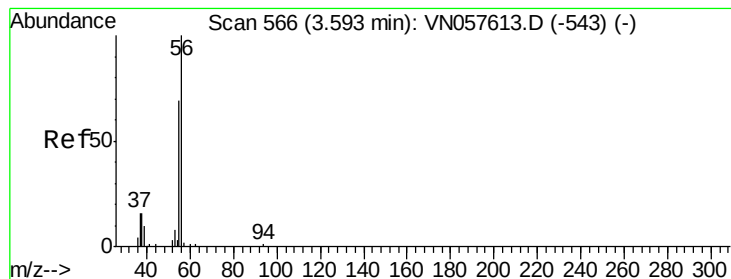


#12

1,1-Dichloroethene
 Concen: 50.535 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 96 Resp: 90485
 Ion Ratio Lower Upper
 96 100
 61 210.4 172.1 258.1
 98 65.8 48.3 72.5





#13

Acrolein

Concen: 205.675 ug/l

RT: 3.59 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

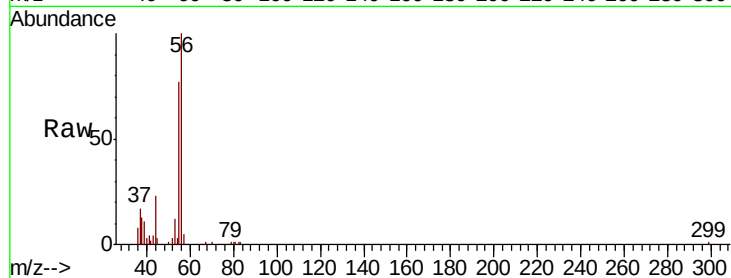
VSTDCCC050

Tgt Ion: 56 Resp: 37246

Ion Ratio Lower Upper

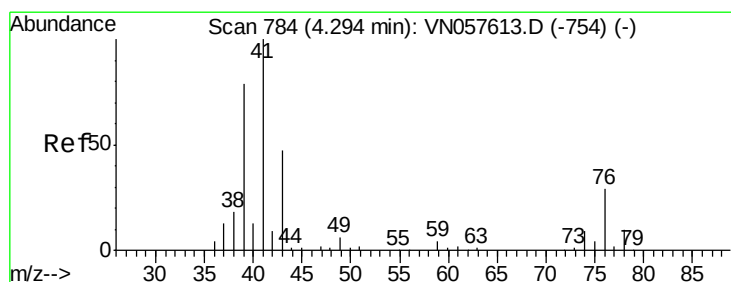
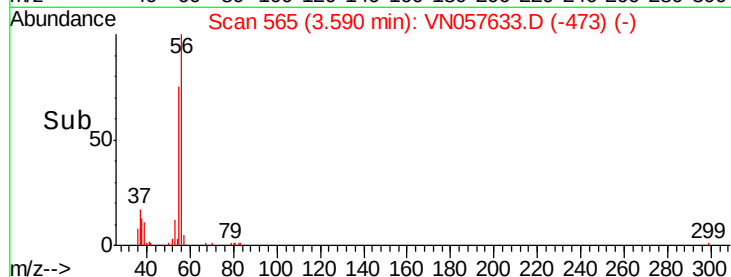
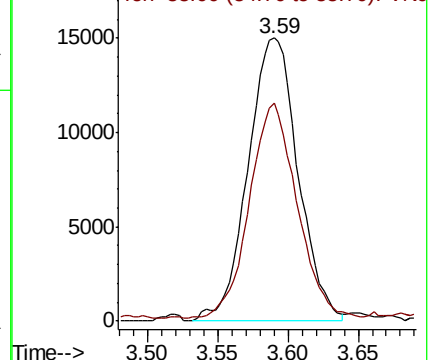
56 100

55 71.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.926 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

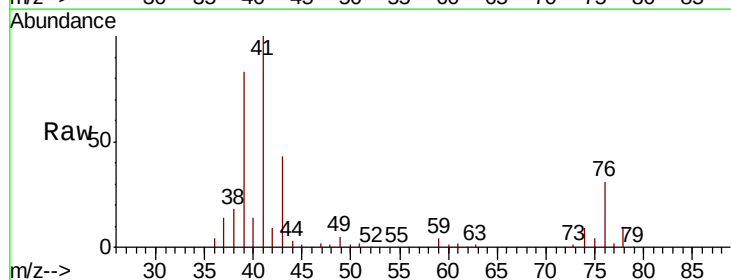
Tgt Ion: 41 Resp: 273299

Ion Ratio Lower Upper

41 100

39 77.7 60.9 91.3

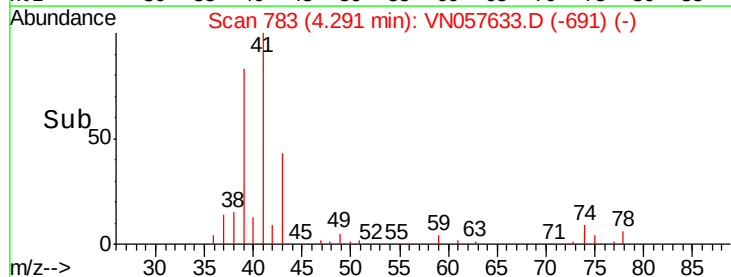
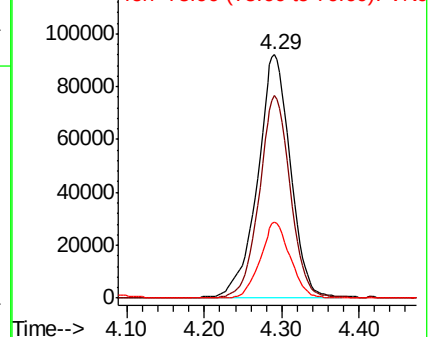
76 28.1 21.1 31.7

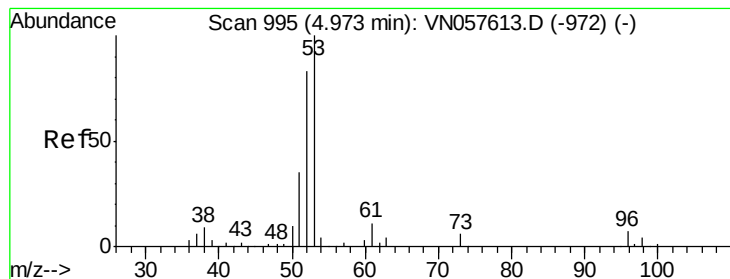


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 231.930 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

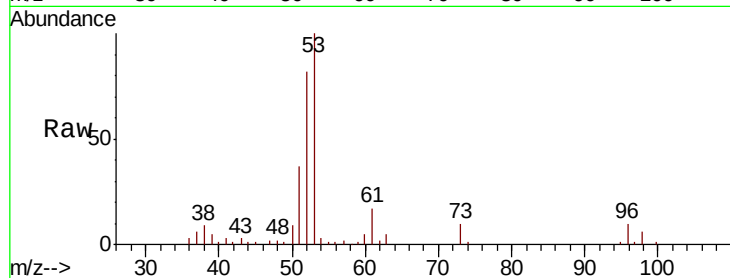
Tgt Ion: 53 Resp: 316971

Ion Ratio Lower Upper

53 100

52 83.0 67.1 100.7

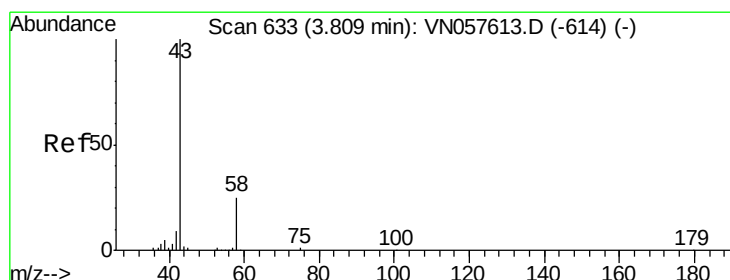
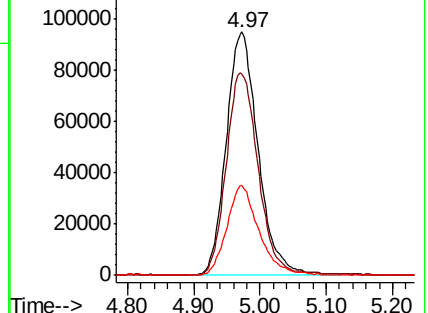
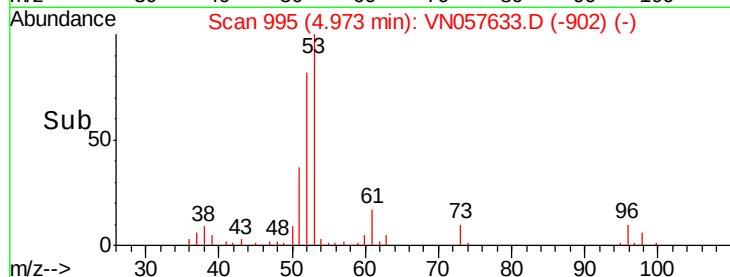
51 37.2 30.2 45.4



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: 291.887 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057633.D

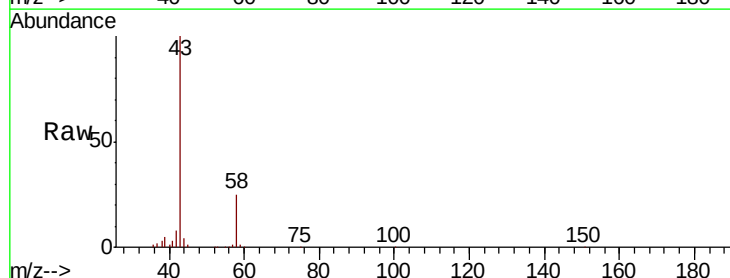
Acq: 1 Sep 2019 10:26

Tgt Ion: 43 Resp: 355223

Ion Ratio Lower Upper

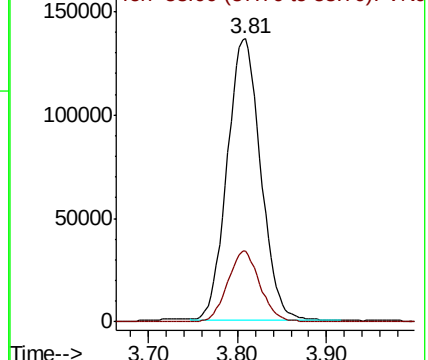
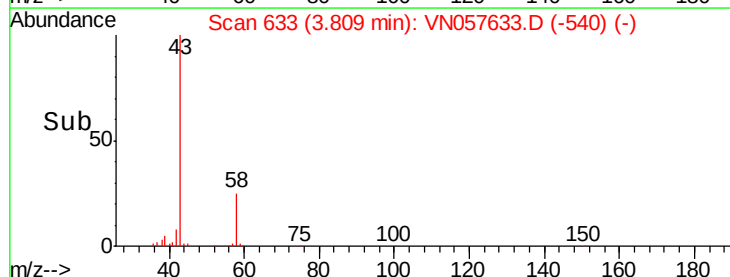
43 100

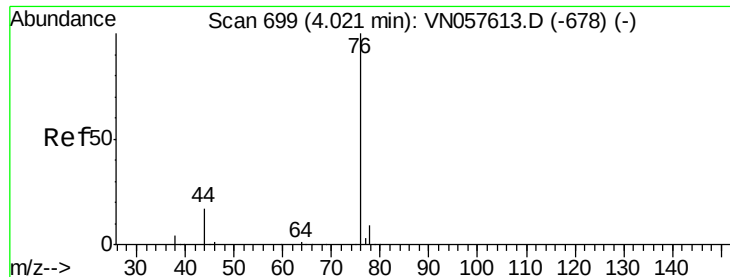
58 25.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 49.784 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

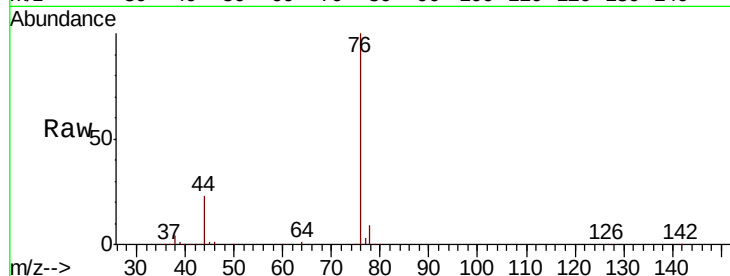
VSTDCCC050

Tgt Ion: 76 Resp: 288182

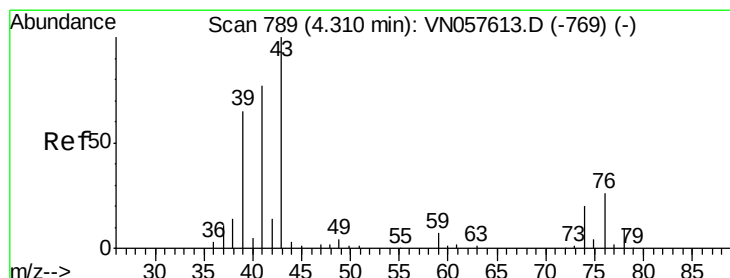
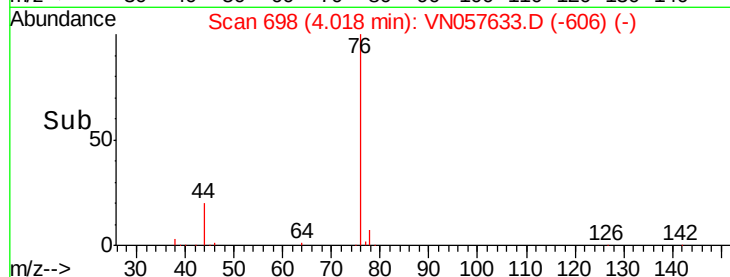
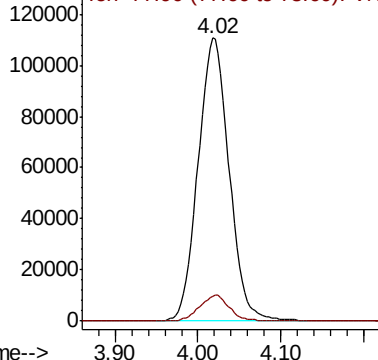
Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 43.102 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN057633.D

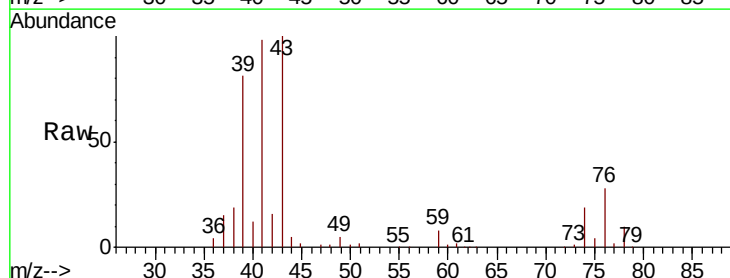
Acq: 1 Sep 2019 10:26

Tgt Ion: 43 Resp: 180107

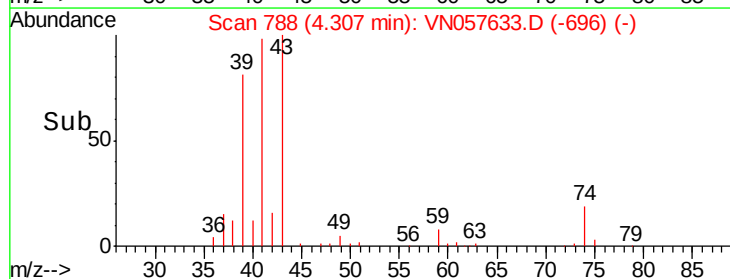
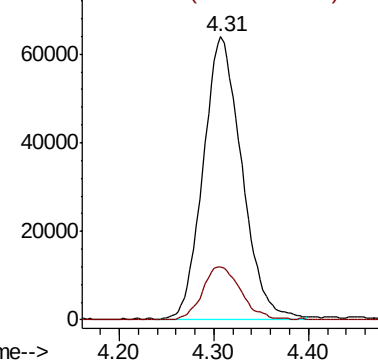
Ion Ratio Lower Upper

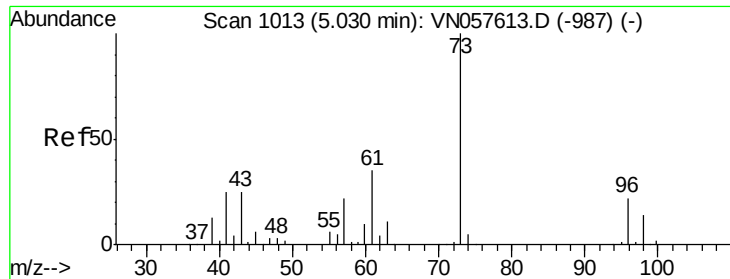
43 100

74 18.8 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

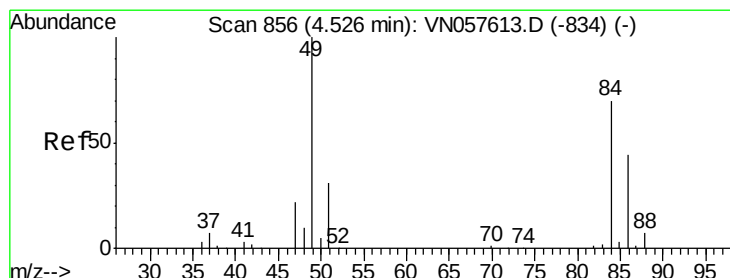
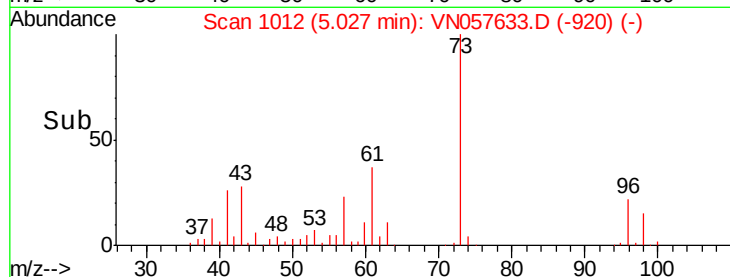
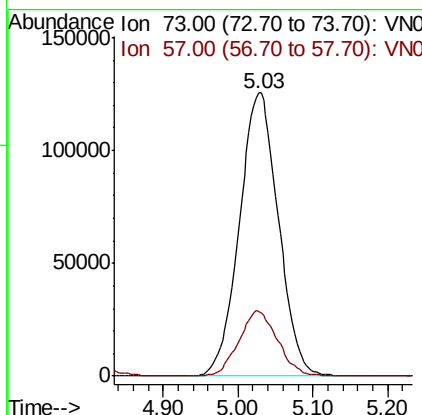
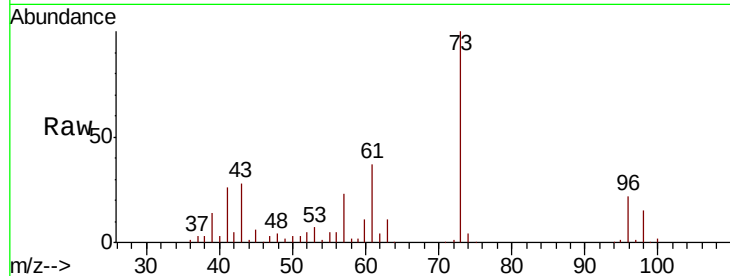




#19
Methyl tert-butyl Ether
Concen: 49.132 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

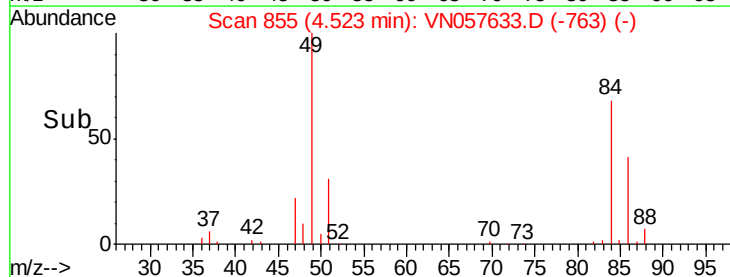
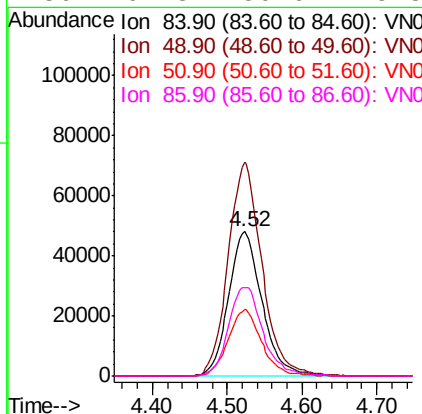
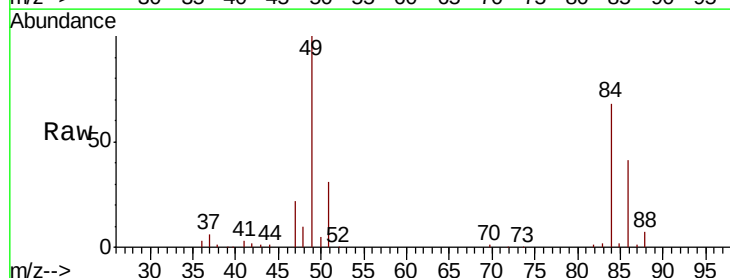
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

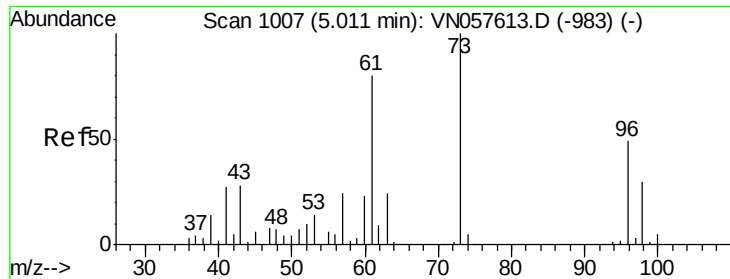
Tgt Ion: 73 Resp: 455141
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 49.573 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 84 Resp: 149356
Ion Ratio Lower Upper
84 100
49 147.9 113.8 170.6
51 45.9 35.0 52.6
86 61.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.813 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

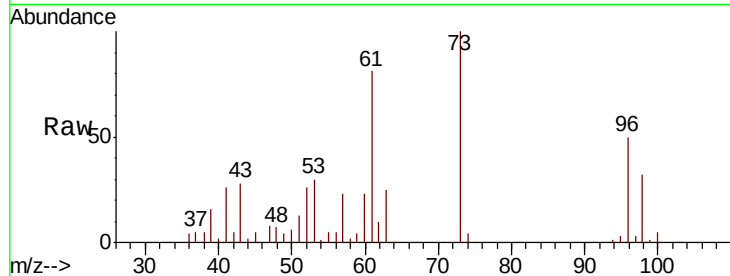
Tgt Ion: 96 Resp: 135263

Ion Ratio Lower Upper

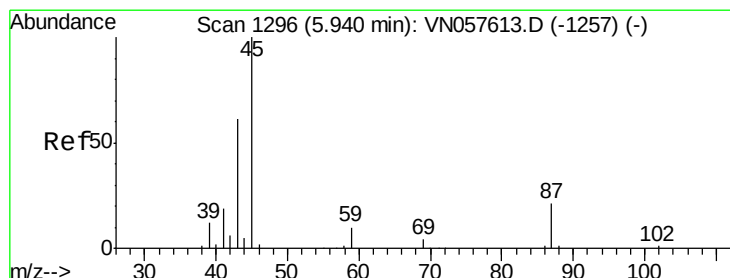
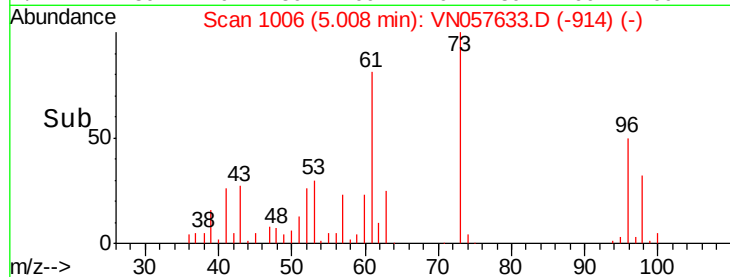
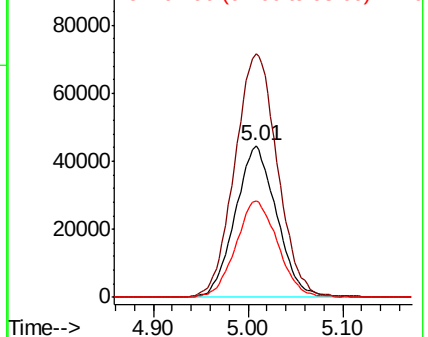
96 100

61 159.9 131.6 197.4

98 63.3 49.9 74.9



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



#22

Diisopropyl ether

Concen: 49.876 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Tgt Ion: 45 Resp: 572725

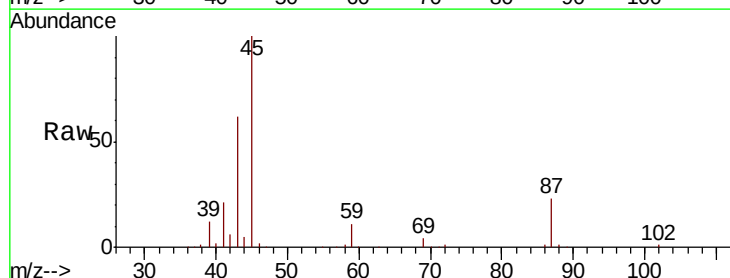
Ion Ratio Lower Upper

45 100

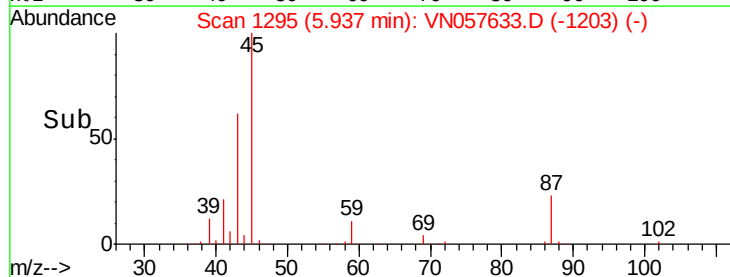
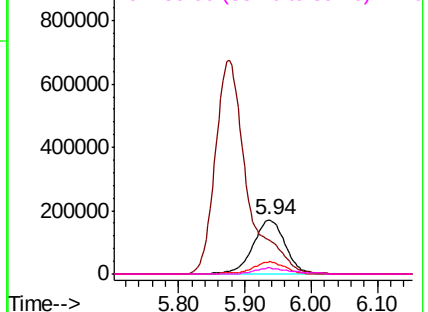
43 61.4 49.1 73.7

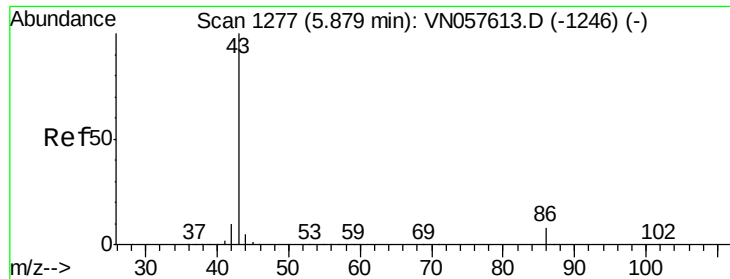
87 23.0 17.0 25.6

59 10.7 8.2 12.2



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: 254.592 ug/l

RT: 5.88 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

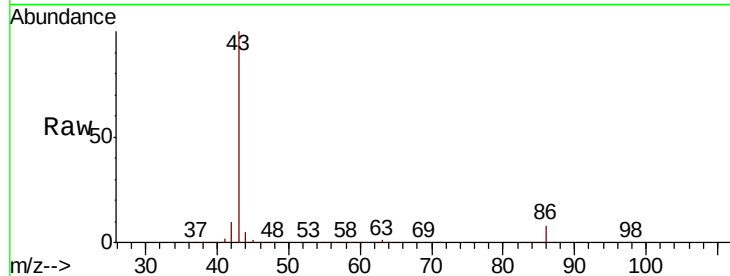
VSTDCCC050

Tgt Ion: 43 Resp: 2246803

Ion Ratio Lower Upper

43 100

86 8.1 6.1 9.1



Abundance Ion 43.00 (42.70 to 43.70): VN057633.D (-1276) (-)

Ion 86.00 (85.70 to 86.70): VN057633.D (-1276) (-)

5.88

800000

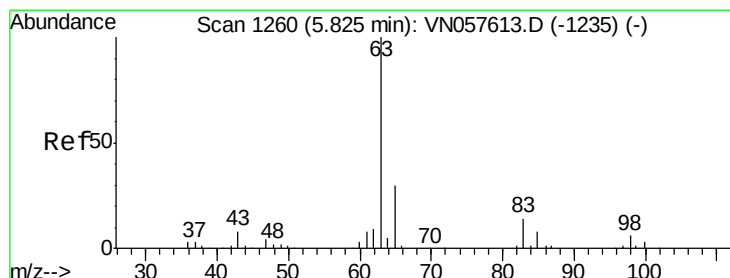
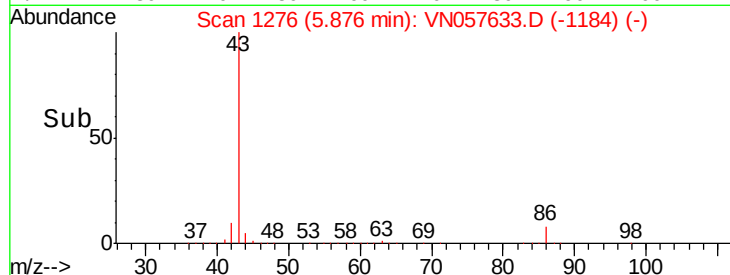
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.060 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

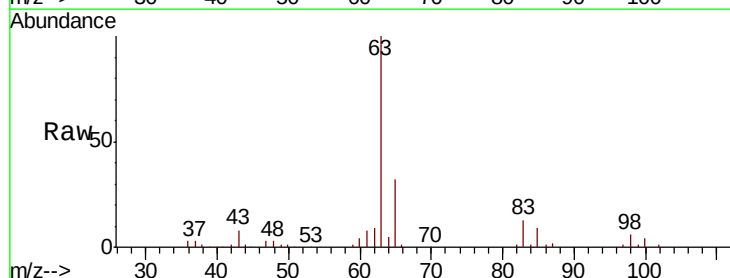
Tgt Ion: 63 Resp: 294319

Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 3.7 1.5 4.5



Abundance Ion 62.90 (62.60 to 63.60): VN057633.D (-1259) (-)

Ion 97.90 (97.60 to 98.60): VN057633.D (-1259) (-)

Ion 99.90 (99.60 to 100.60): VN057633.D (-1259) (-)

5.82

120000

100000

80000

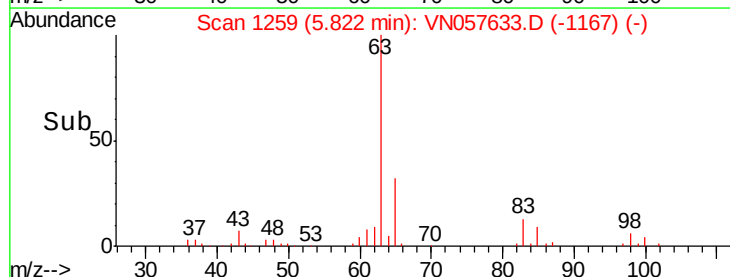
60000

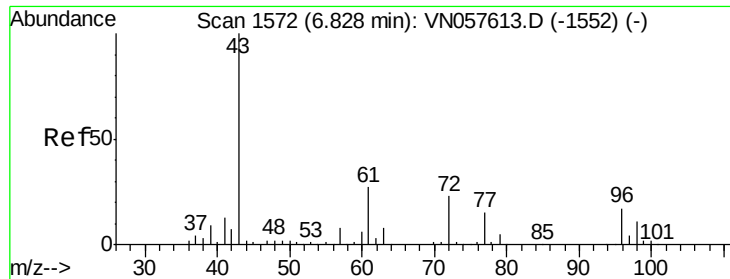
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.800 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

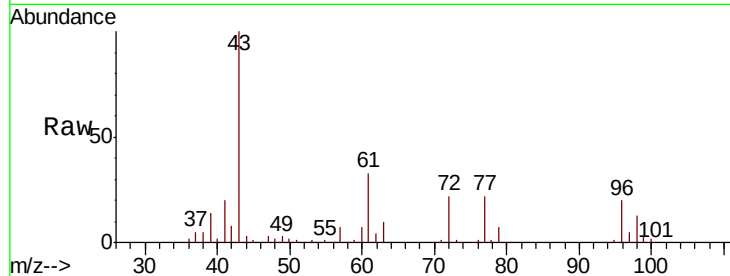
VSTDCCC050

Tgt Ion: 43 Resp: 506564

Ion Ratio Lower Upper

43 100

72 22.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.82

200000

150000

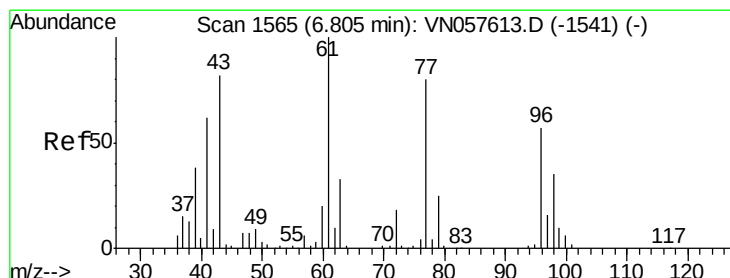
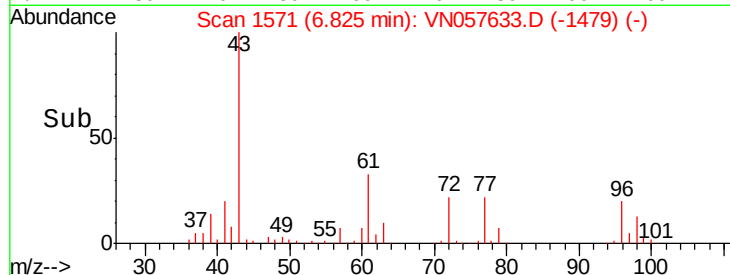
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 52.130 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN057633.D

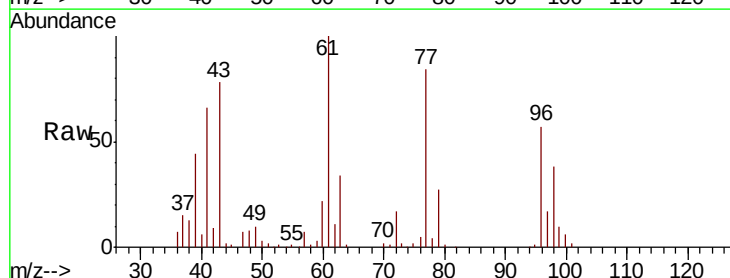
Acq: 1 Sep 2019 10:26

Tgt Ion: 77 Resp: 240185

Ion Ratio Lower Upper

77 100

97 20.2 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.80

80000

60000

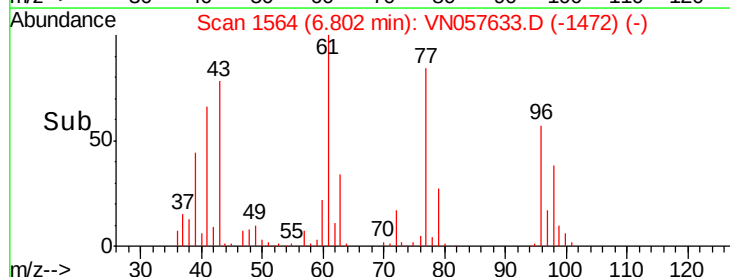
40000

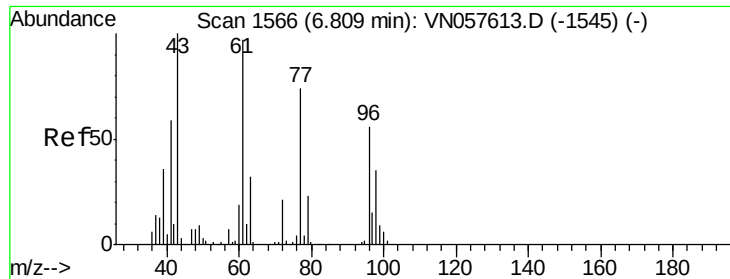
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.559 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

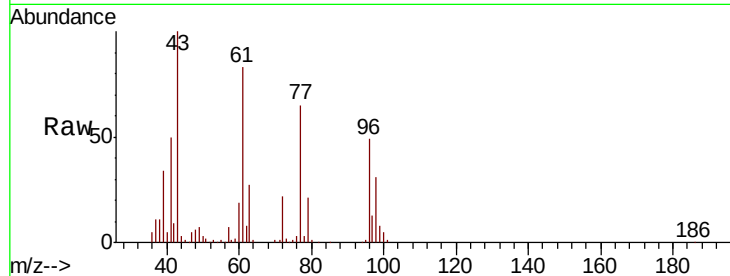
Tgt Ion: 96 Resp: 157538

Ion Ratio Lower Upper

96 100

61 173.4 0.0 344.6

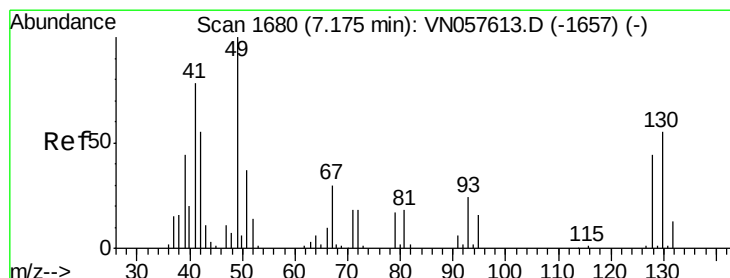
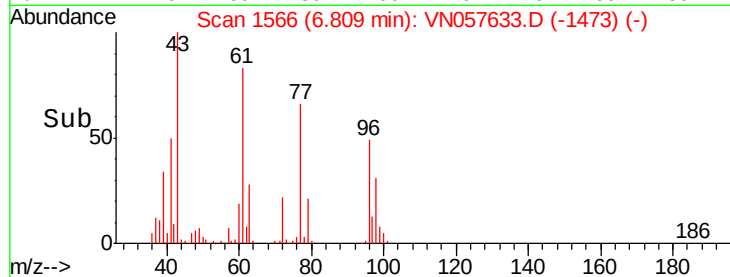
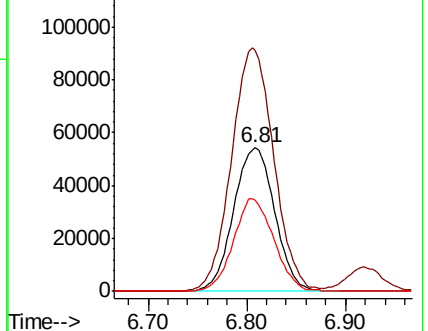
98 63.5 0.0 124.8



Abundance Ion 95.90 (95.60 to 96.60): VN057613.D (-1545) (-)

Ion 60.90 (60.60 to 61.60): VN057613.D (-1545) (-)

Ion 97.90 (97.60 to 98.60): VN057613.D (-1545) (-)



#28

Bromochloromethane

Concen: 48.404 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

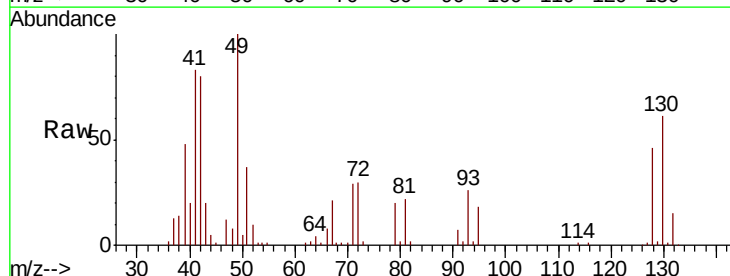
Tgt Ion: 49 Resp: 148580

Ion Ratio Lower Upper

49 100

129 0.8 0.0 1.8

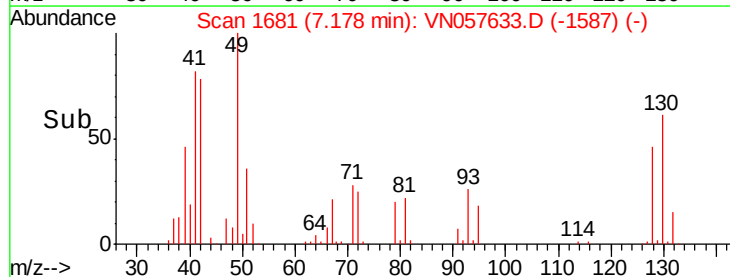
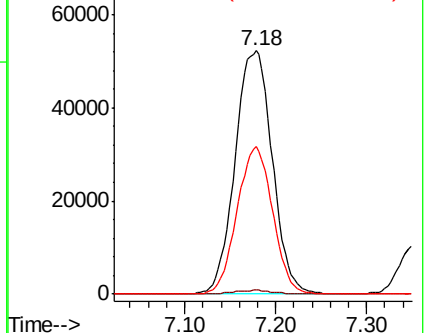
130 57.7 45.8 68.8

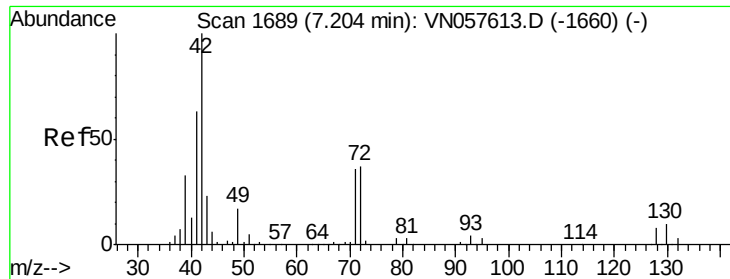


Abundance Ion 48.90 (48.60 to 49.60): VN057613.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN057613.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN057613.D (-1657) (-)

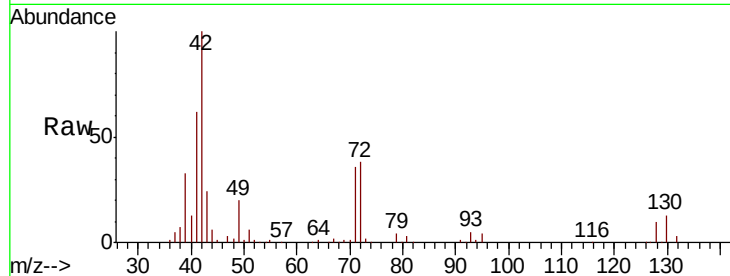




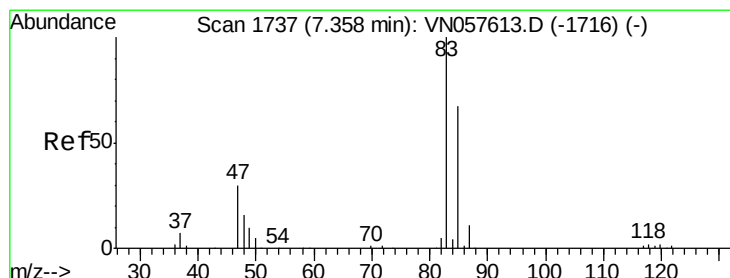
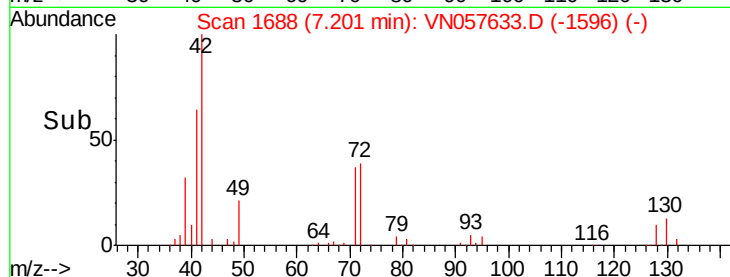
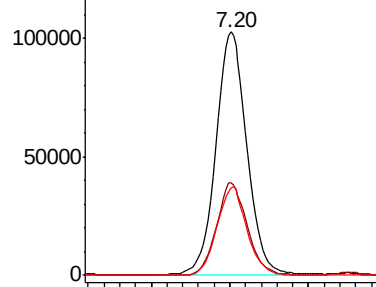
#29
Tetrahydrofuran
Concen: 223.470 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 284308
Ion Ratio Lower Upper
42 100
72 37.8 29.6 44.4
71 35.4 27.9 41.9

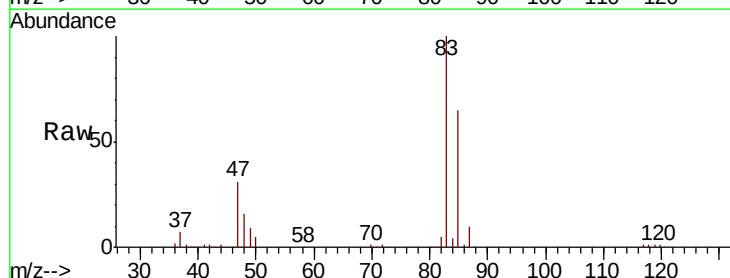


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

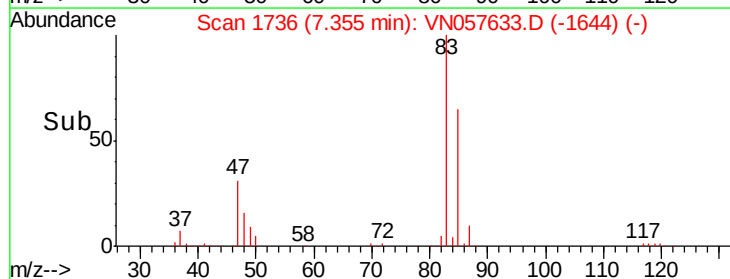
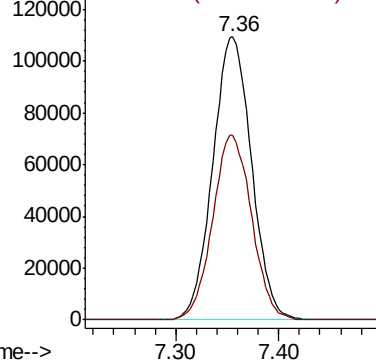


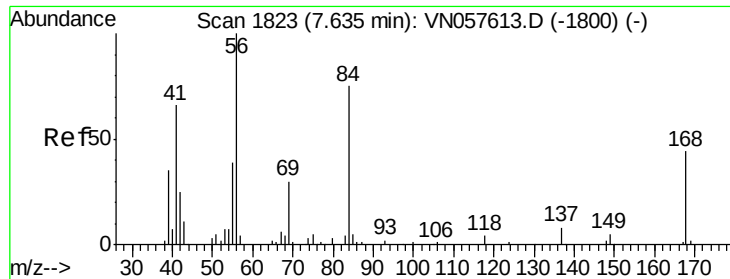
#30
Chloroform
Concen: 48.935 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 83 Resp: 286160
Ion Ratio Lower Upper
83 100
85 65.3 53.2 79.8



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

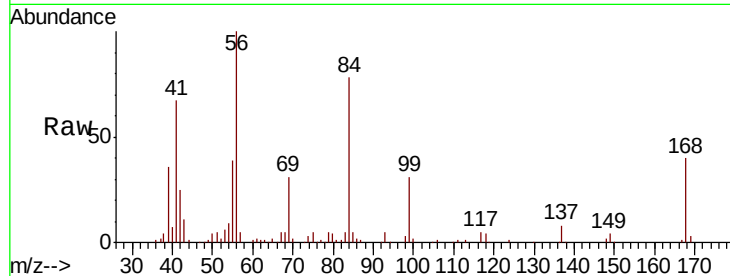




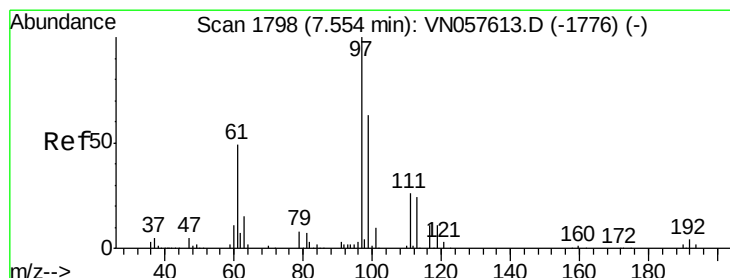
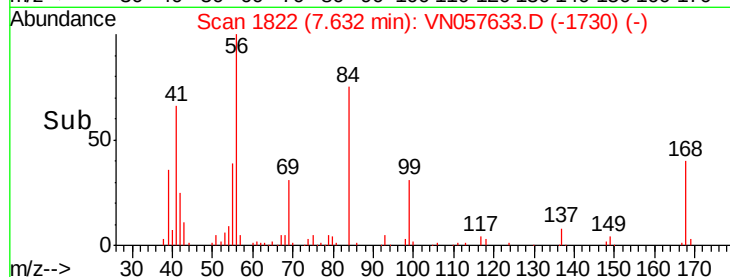
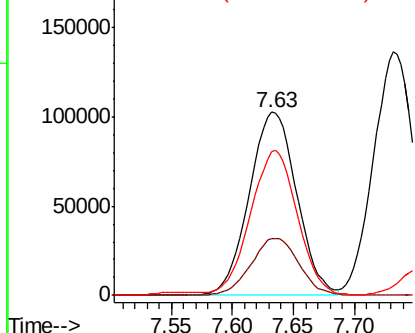
#31
Cyclohexane
Concen: 48.297 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 277851
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 77.1 59.9 89.9

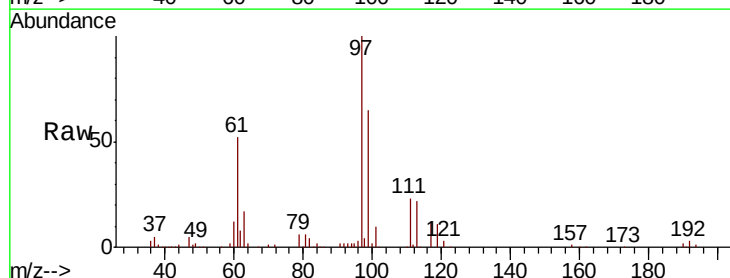


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

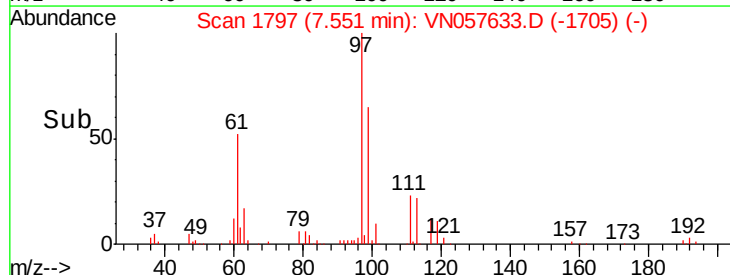
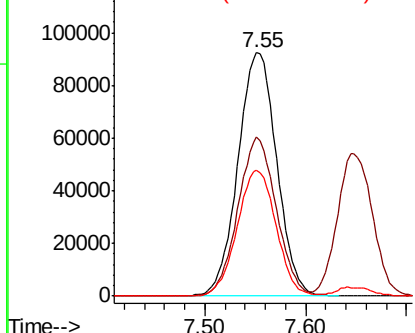


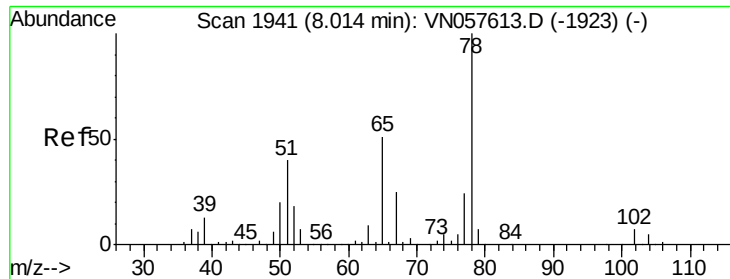
#32
1,1,1-Trichloroethane
Concen: 51.417 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 97 Resp: 246638
Ion Ratio Lower Upper
97 100
99 64.5 50.6 75.8
61 52.0 41.1 61.7



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

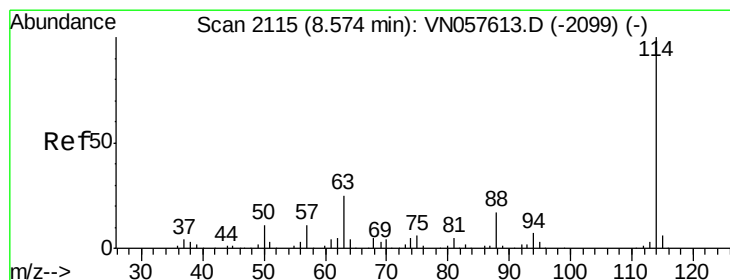
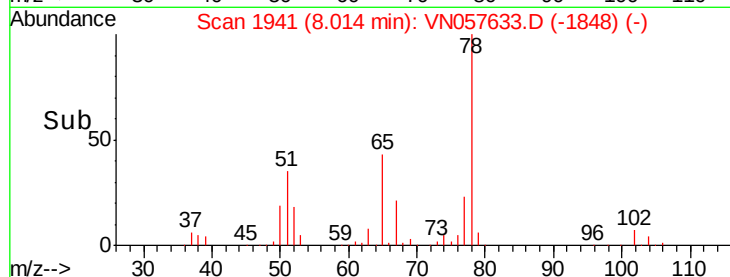
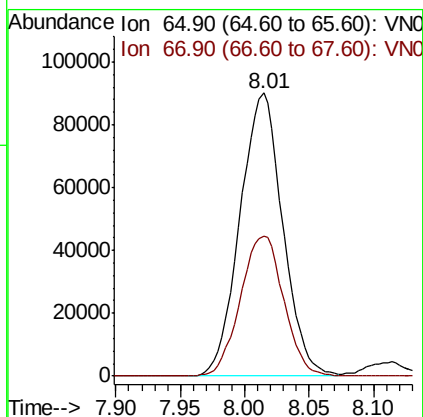
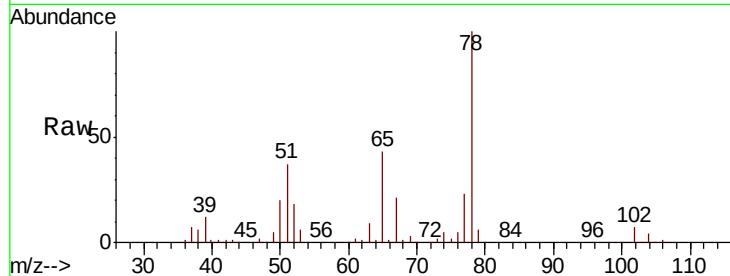




#33
 1,2-Dichloroethane-d4
 Concen: 47.936 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

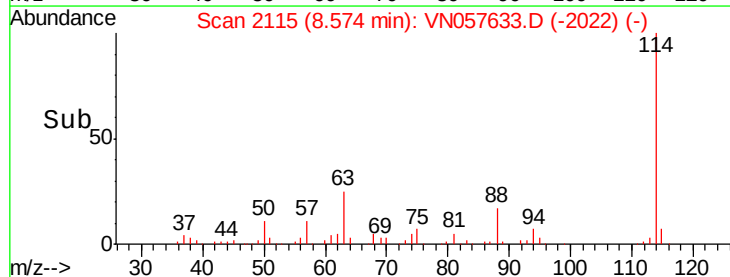
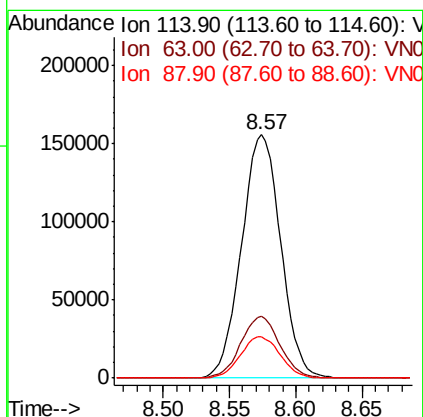
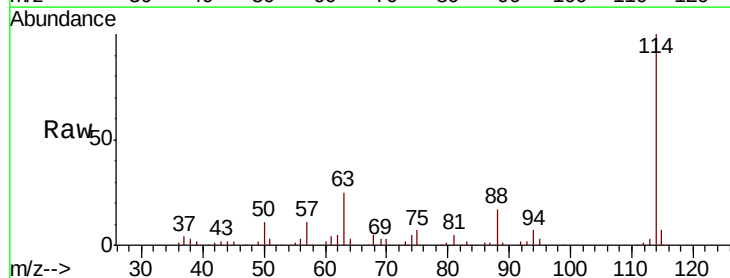
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

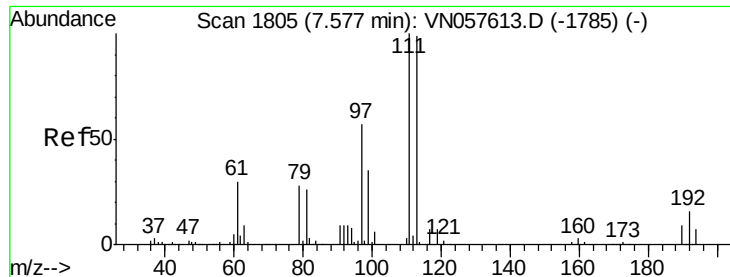
Tgt Ion: 65 Resp: 208158
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 114 Resp: 320359
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.0
 88 17.0 0.0 33.0

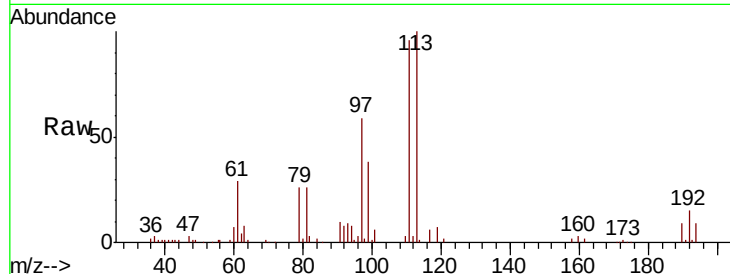




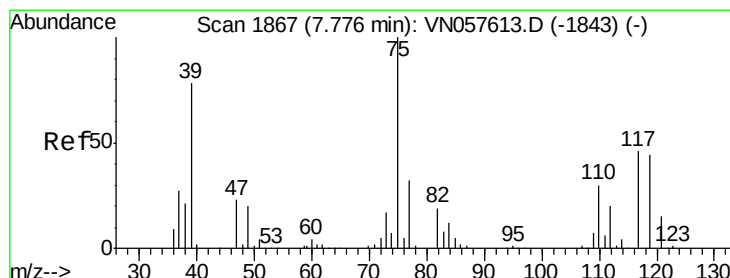
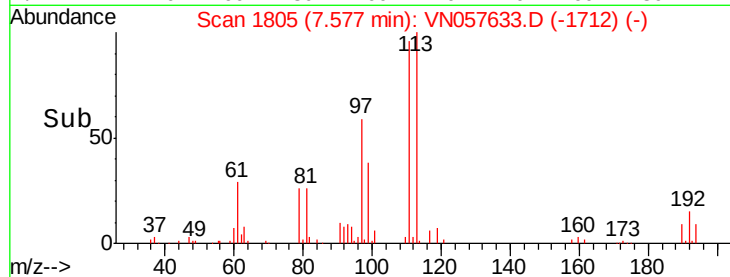
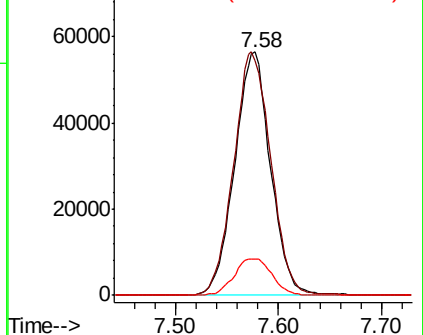
#35
 Dibromofluoromethane
 Concen: 48.802 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 136530
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 16.0 13.5 20.3

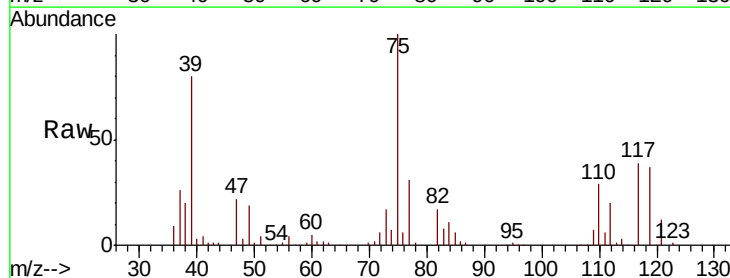


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

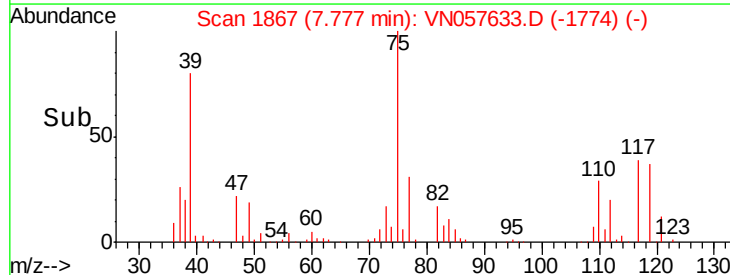
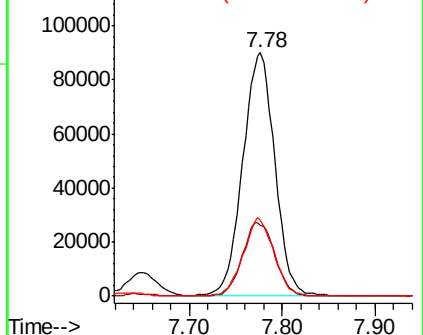


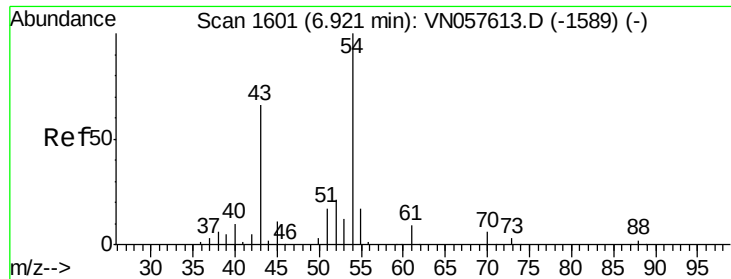
#36
 1,1-Dichloropropene
 Concen: 50.688 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 75 Resp: 215286
 Ion Ratio Lower Upper
 75 100
 110 30.7 15.6 46.8
 77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

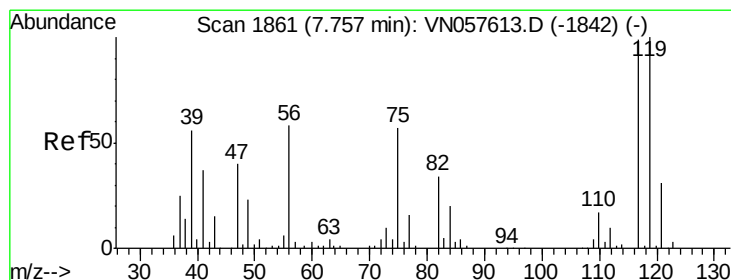
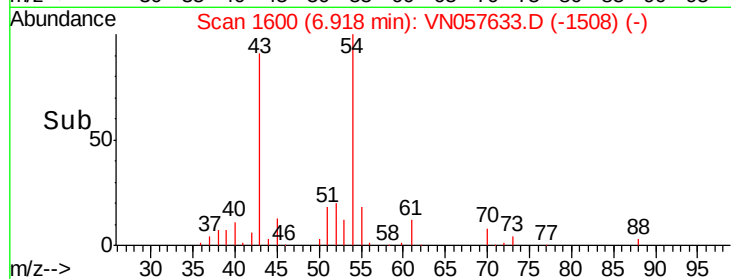
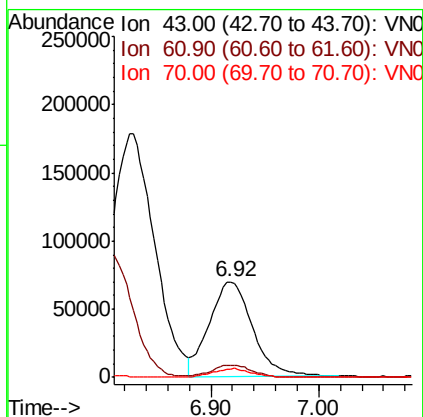
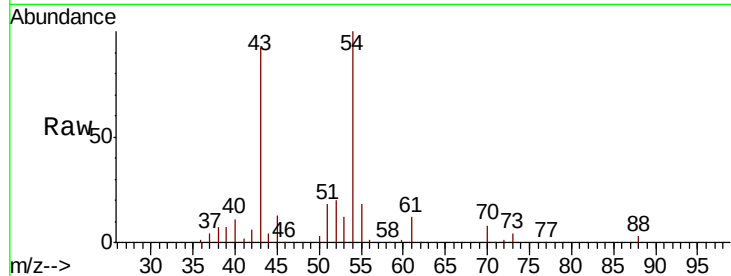




#37
Ethyl Acetate
Concen: 47.959 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

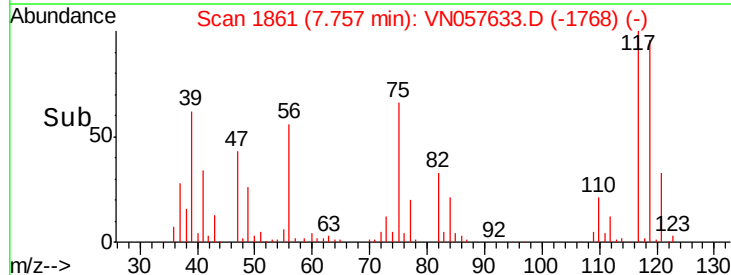
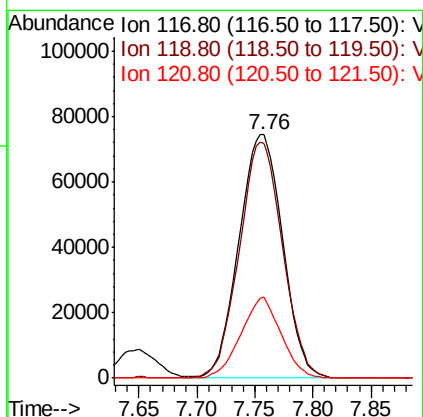
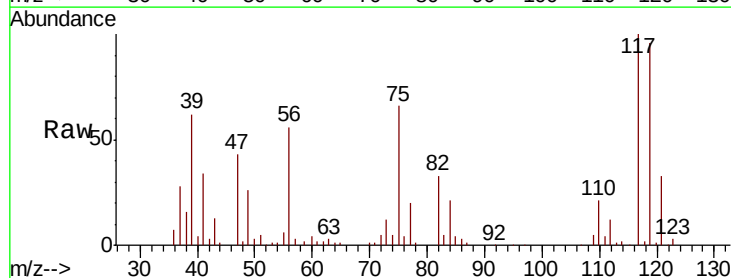
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

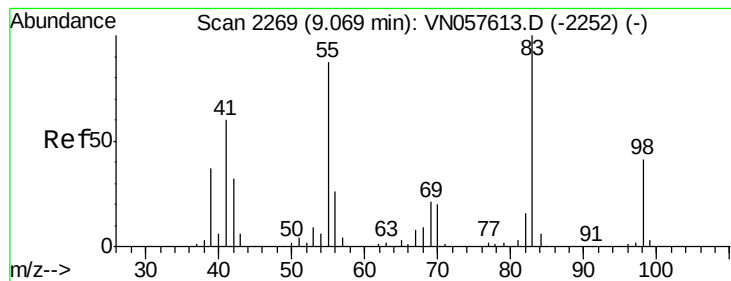
Tgt Ion: 43 Resp: 194033
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 8.5 6.8 10.2



#38
Carbon Tetrachloride
Concen: 51.369 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 117 Resp: 195302
Ion Ratio Lower Upper
117 100
119 96.1 80.6 120.8
121 33.1 25.1 37.7





#39

Methylcyclohexane

Concen: 52.227 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

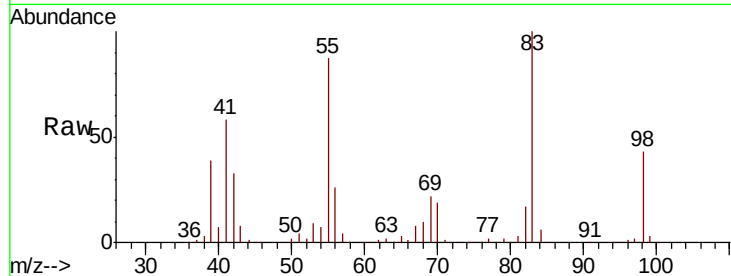
Tgt Ion: 83 Resp: 262079

Ion Ratio Lower Upper

83 100

55 87.3 69.8 104.8

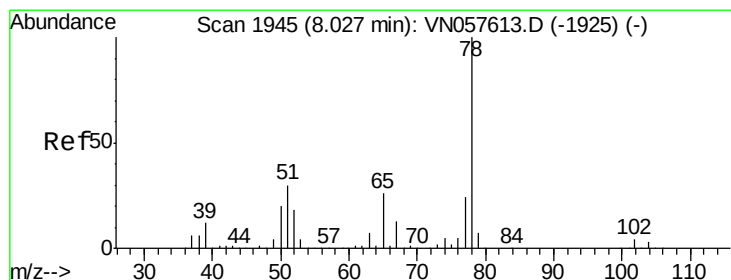
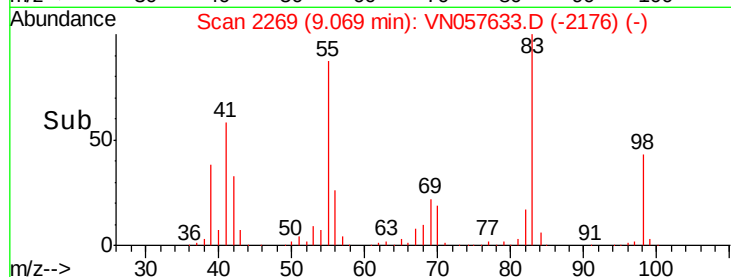
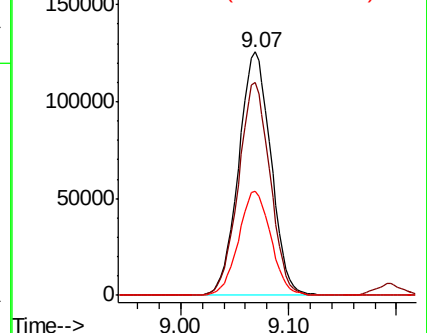
98 42.7 32.7 49.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 50.049 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN057633.D

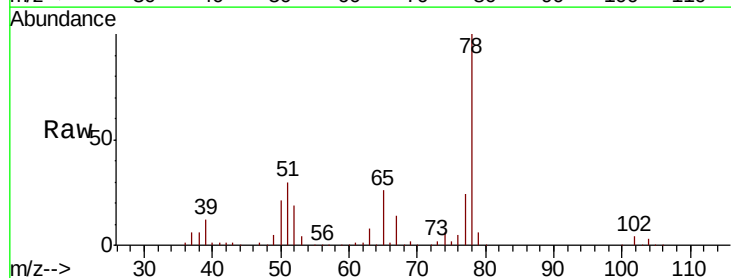
Acq: 1 Sep 2019 10:26

Tgt Ion: 78 Resp: 618785

Ion Ratio Lower Upper

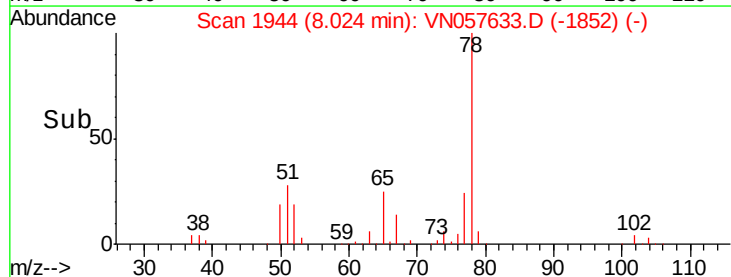
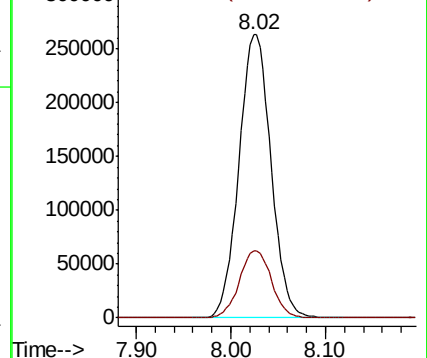
78 100

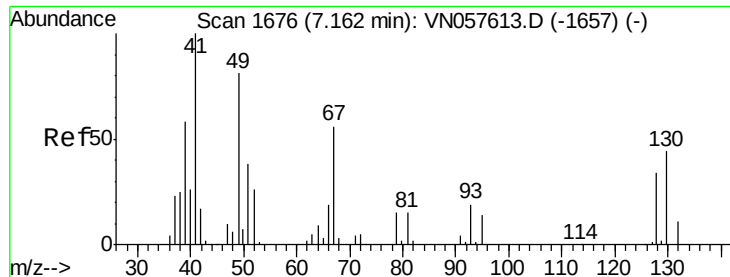
77 23.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

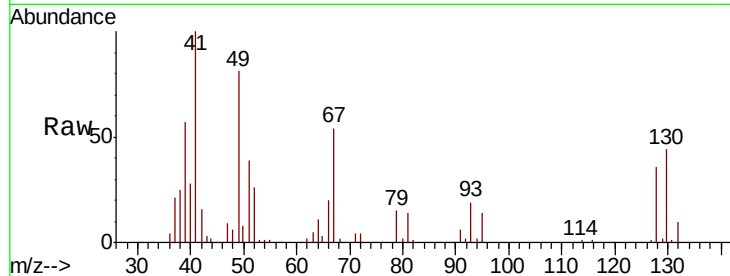




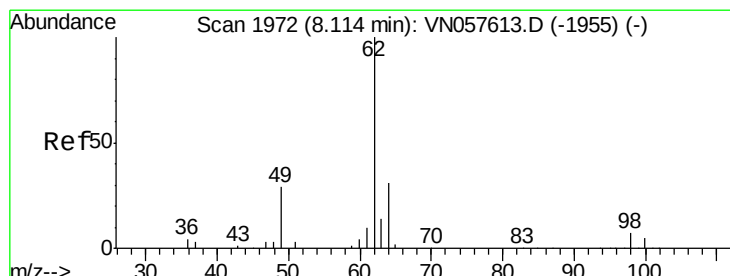
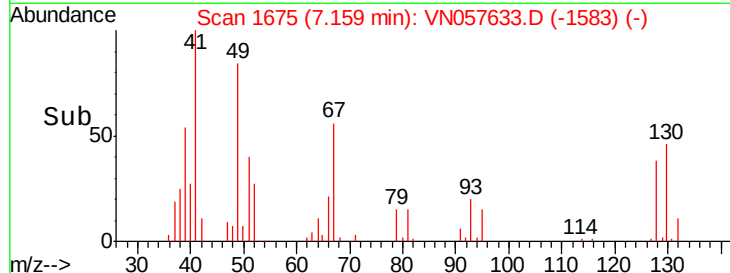
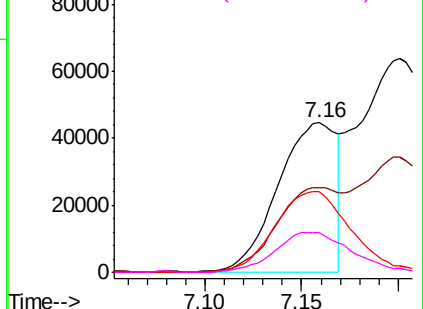
#41
Methacrylonitrile
Concen: 42.066 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	94540
Ion	Ratio	Lower	Upper
41	100		
39	61.9	50.6	75.8
67	69.9	56.9	85.3
52	35.2	27.4	41.2

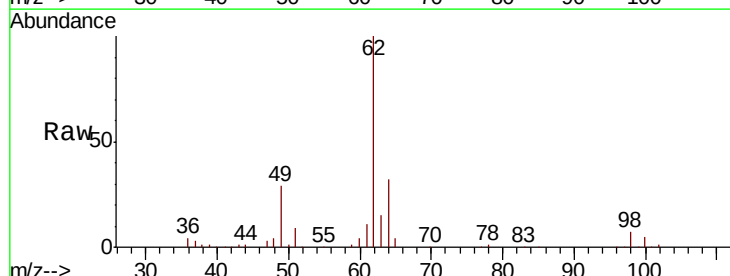


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

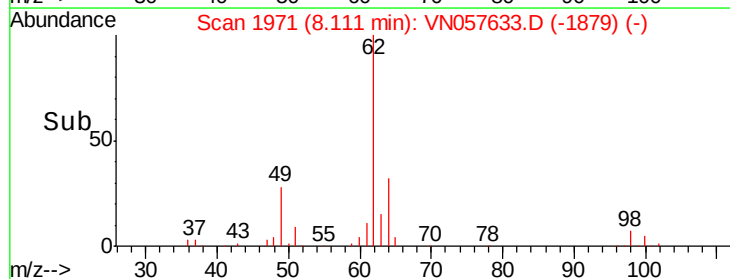
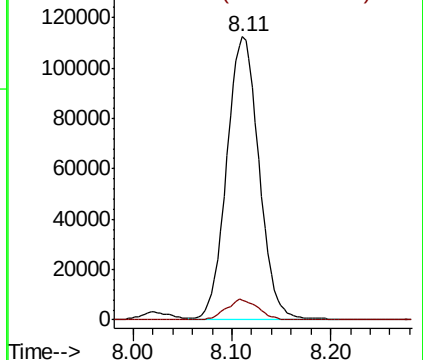


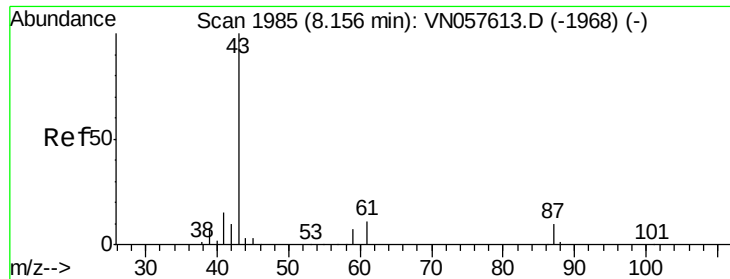
#42
1,2-Dichloroethane
Concen: 51.083 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion:	62	Resp:	256523
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 47.378 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

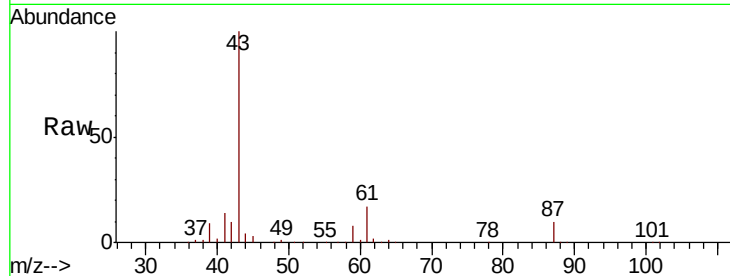
Tgt Ion: 43 Resp: 344863

Ion Ratio Lower Upper

43 100

61 16.6 13.1 19.7

87 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN057613.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN057613.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN057613.D (-1968) (-)

8.16

200000

150000

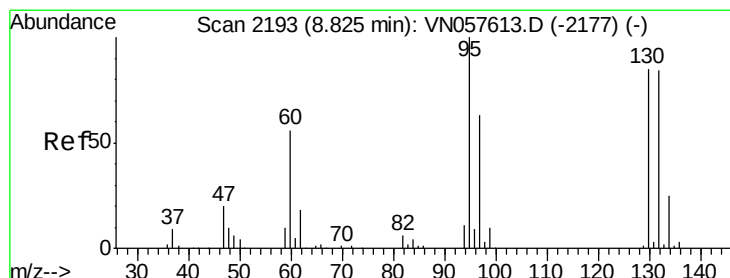
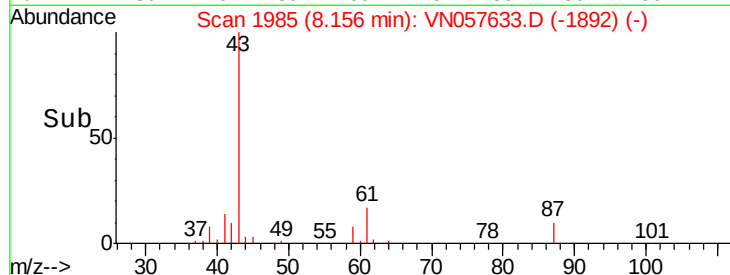
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 50.639 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN057633.D

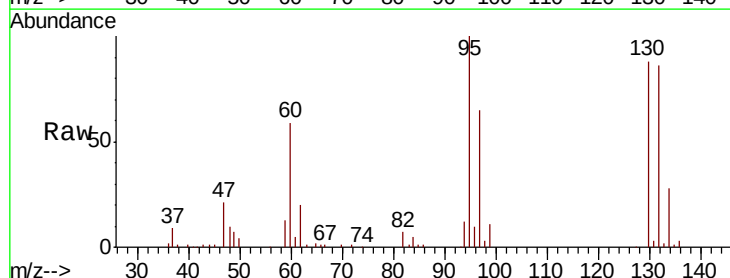
Acq: 1 Sep 2019 10:26

Tgt Ion: 130 Resp: 142026

Ion Ratio Lower Upper

130 100

95 113.7 0.0 234.4



Abundance Ion 129.80 (129.50 to 130.50): VN057613.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057613.D (-2177) (-)

8.82

80000

60000

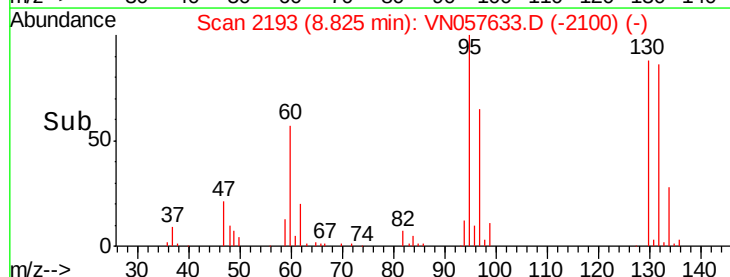
40000

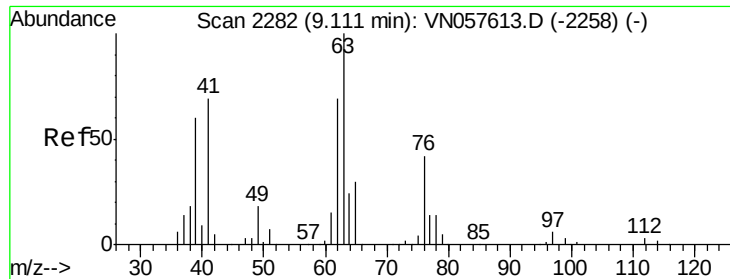
20000

0

8.75 8.80 8.85 8.90

Time-->

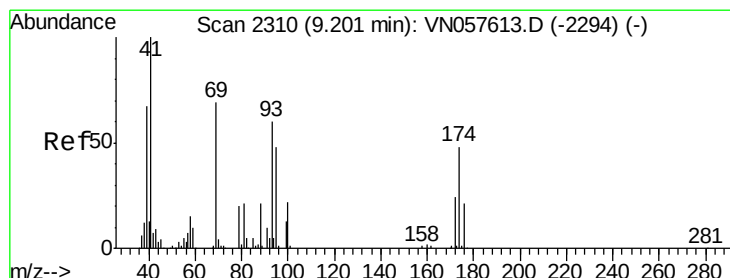
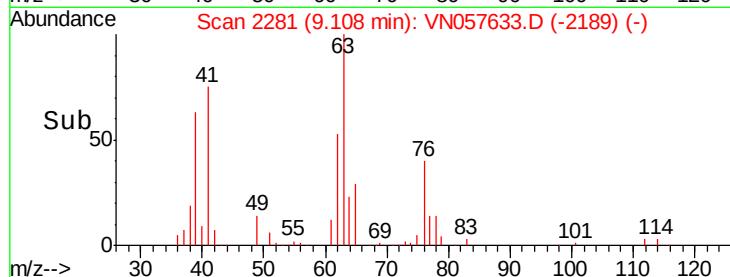
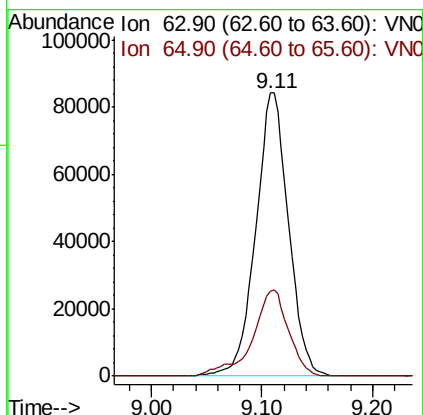
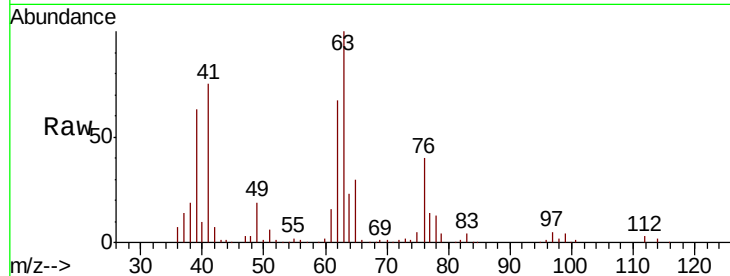




#45
 1,2-Dichloropropane
 Concen: 50.241 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

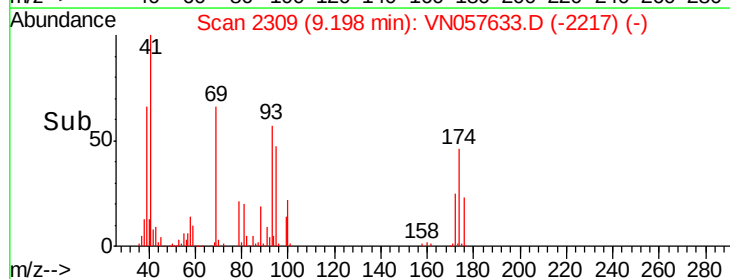
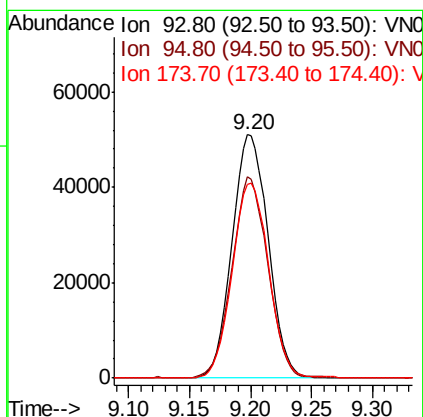
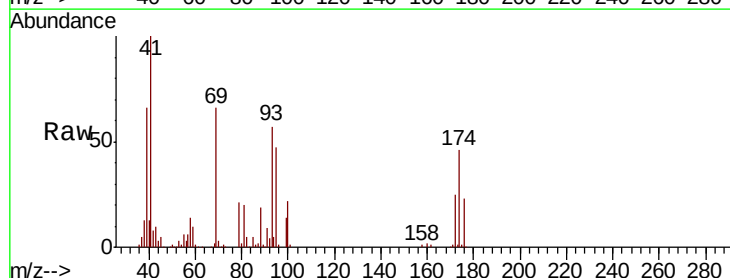
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

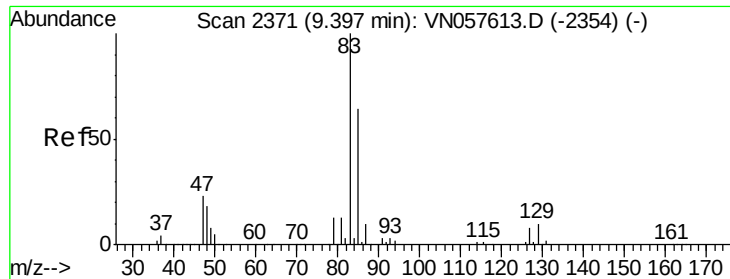
Tgt Ion: 63 Resp: 173020
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.4 36.6



#46
 Dibromomethane
 Concen: 49.165 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 93 Resp: 104833
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.6
 174 81.2 64.2 96.2

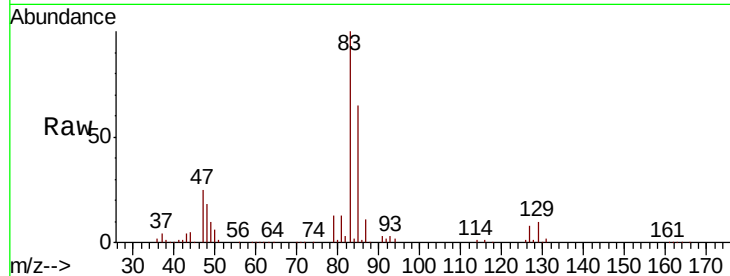




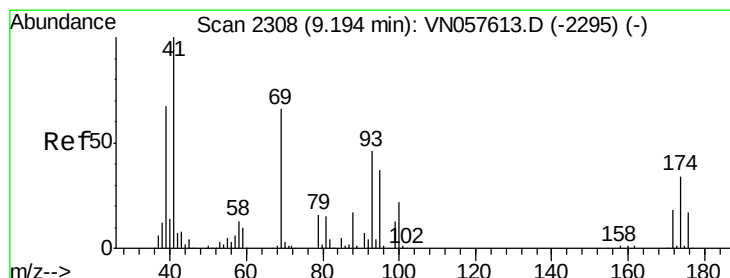
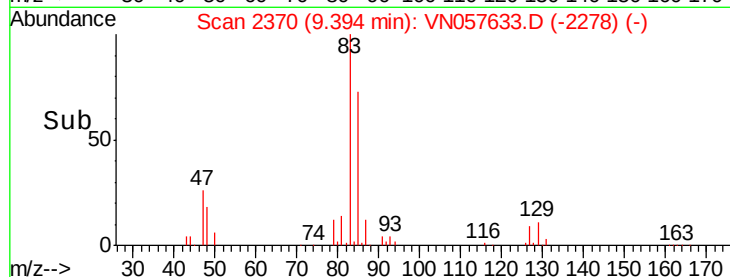
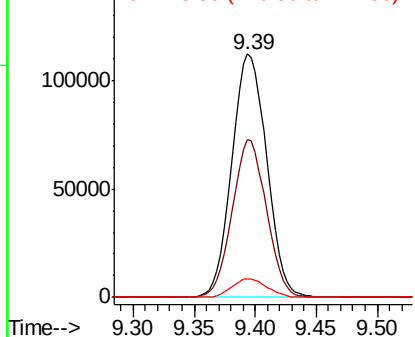
#47
Bromodichloromethane
Concen: 51.405 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 222691
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.0
127 7.6 6.1 9.1

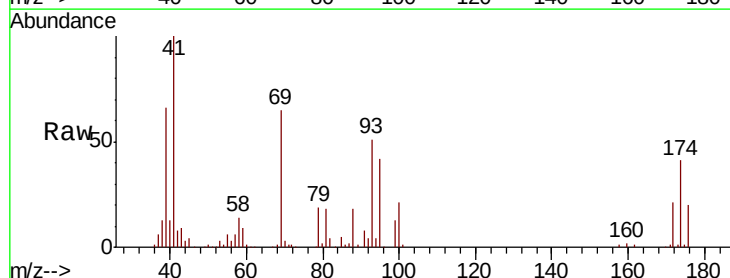


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

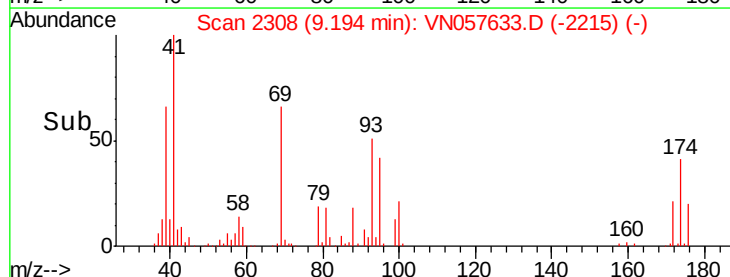
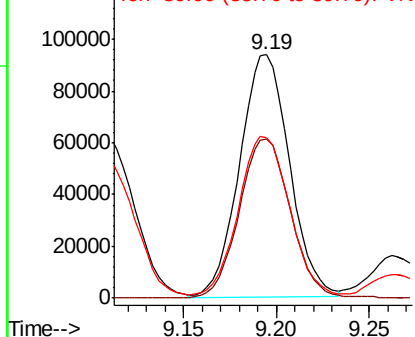


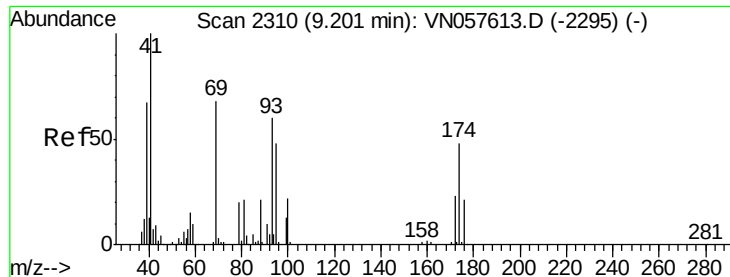
#48
Methyl methacrylate
Concen: 47.334 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 41 Resp: 175909
Ion Ratio Lower Upper
41 100
69 67.2 55.1 82.7
39 68.7 55.4 83.2



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

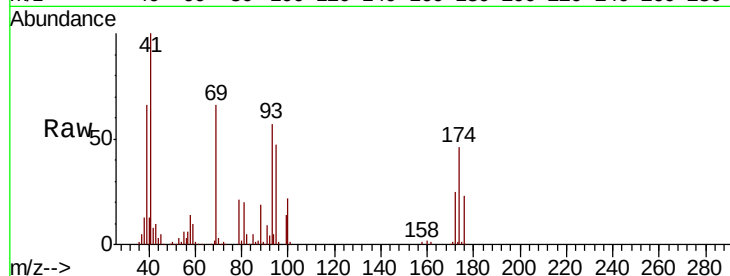




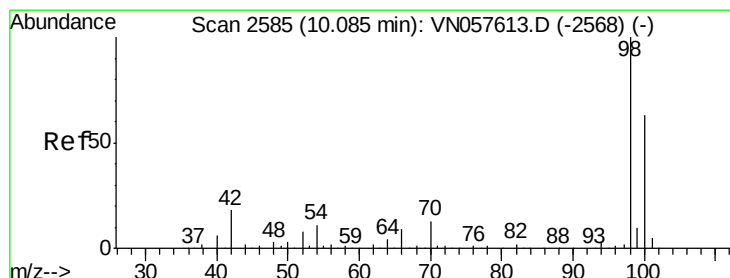
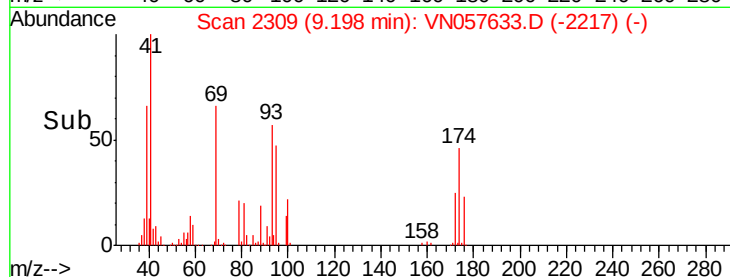
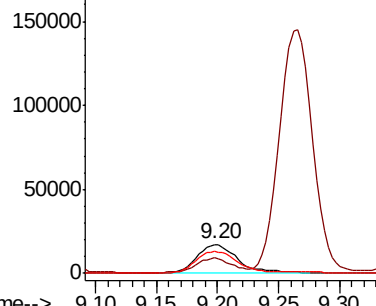
#49
1,4-Dioxane
Concen: 932.153 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 40565
Ion Ratio Lower Upper
88 100
43 43.8 35.0 52.4
58 75.9 61.6 92.4

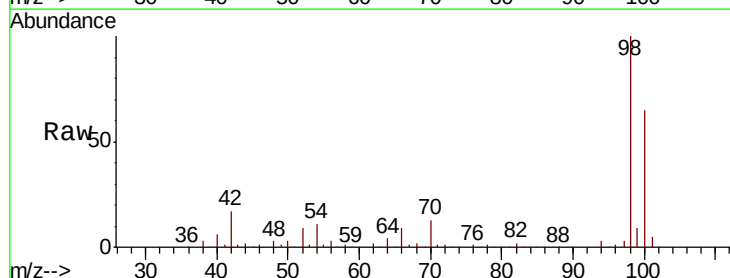


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

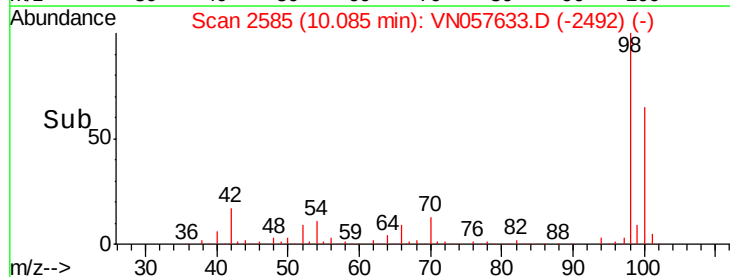
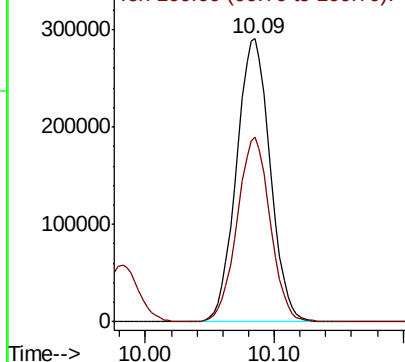


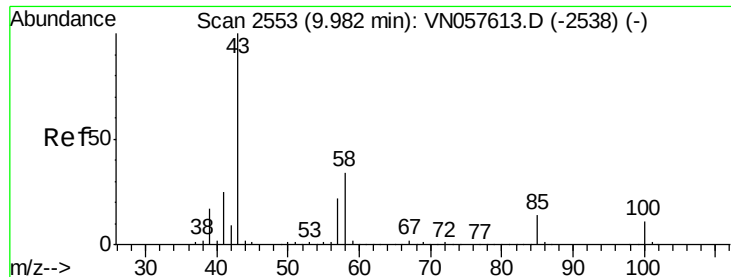
#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 98 Resp: 529071
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.8



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

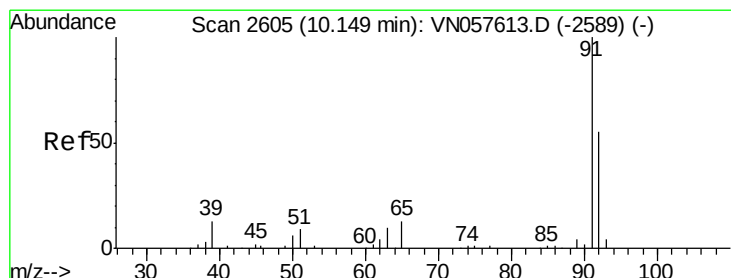
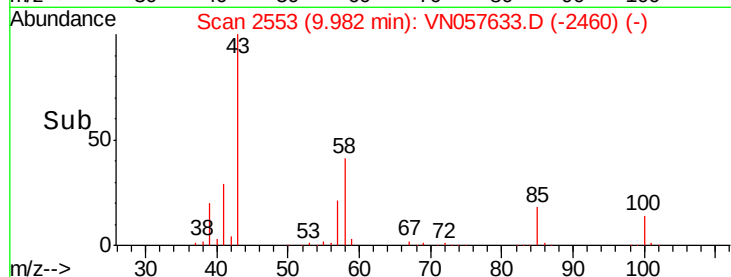
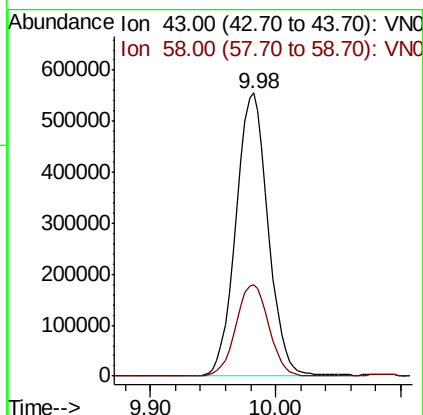
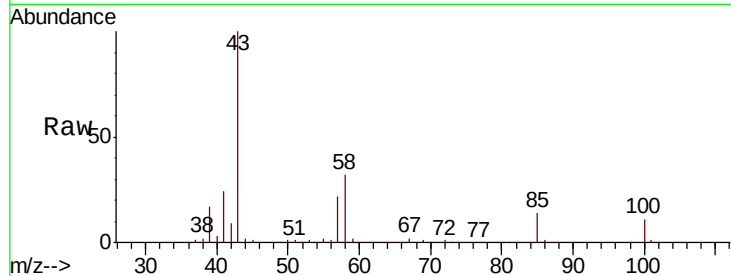




#51
4-Methyl-2-Pentanone
Concen: 237.060 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

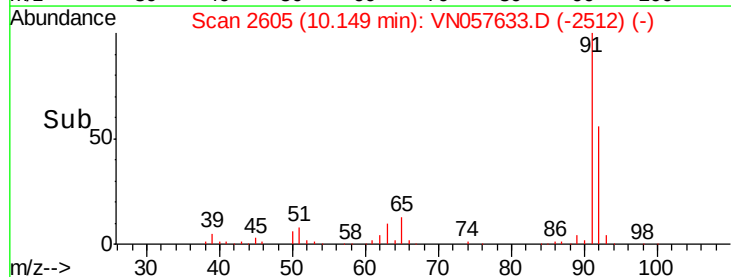
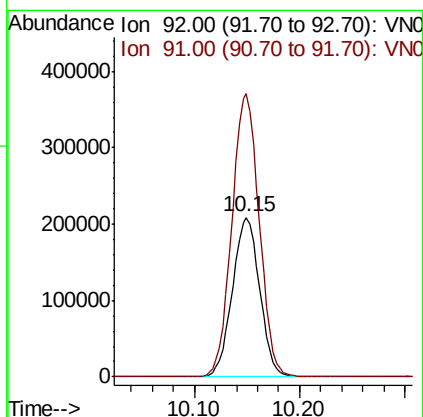
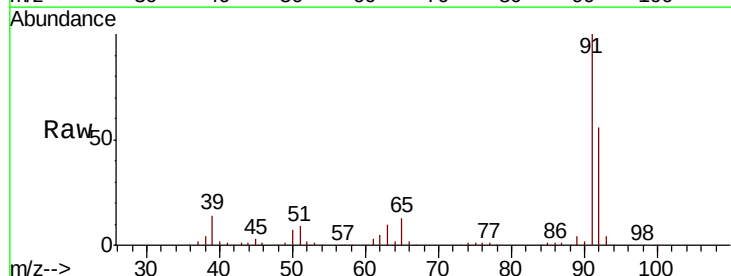
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

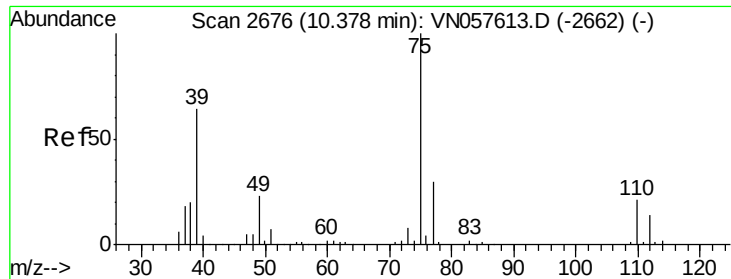
Tgt Ion: 43 Resp: 988992
Ion Ratio Lower Upper
43 100
58 33.1 26.9 40.3



#52
Toluene
Concen: 51.121 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 92 Resp: 373553
Ion Ratio Lower Upper
92 100
91 177.4 143.8 215.6

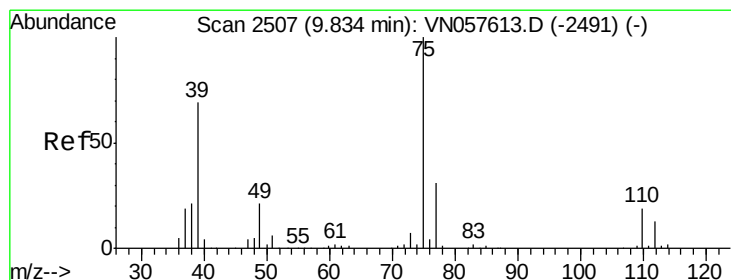
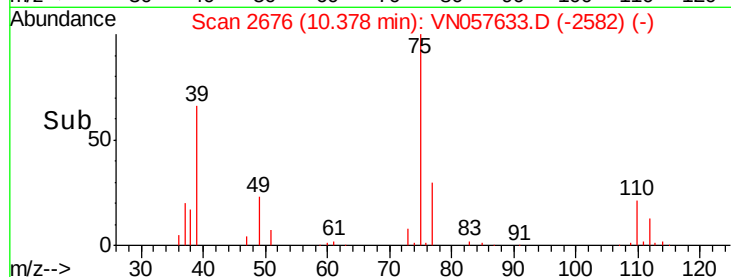
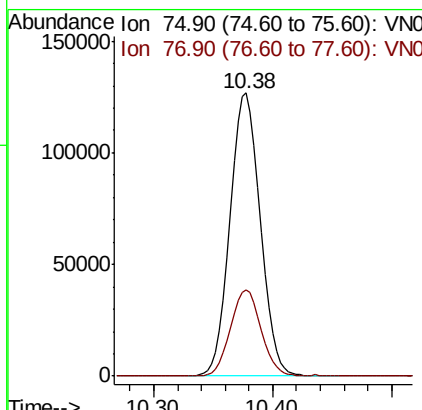
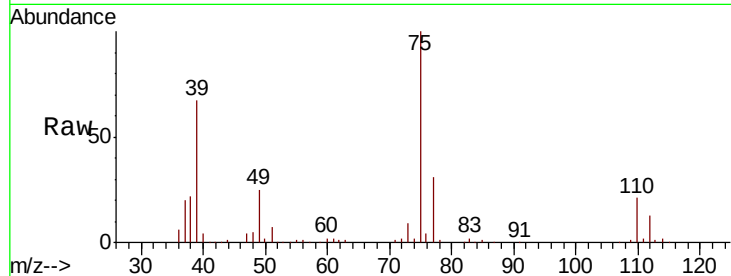




#53
t-1,3-Dichloropropene
Concen: 46.525 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

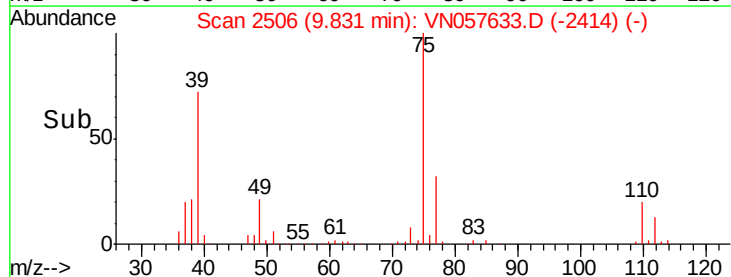
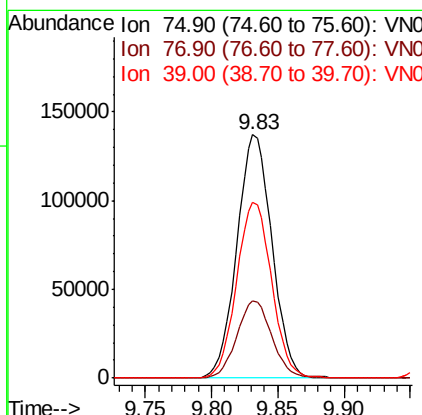
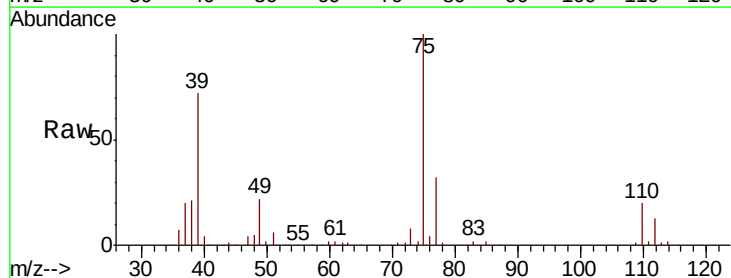
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

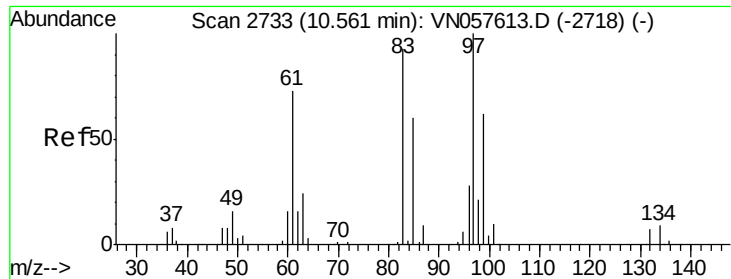
Tgt Ion: 75 Resp: 224013
Ion Ratio Lower Upper
75 100
77 30.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 47.573 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 75 Resp: 252408
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 72.0 55.0 82.4





#55

1,1,2-Trichloroethane

Concen: 49.296 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 136670

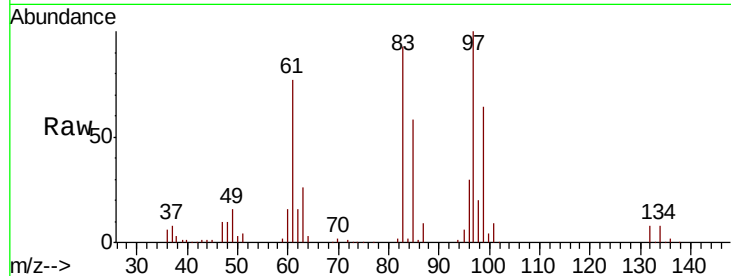
Ion Ratio Lower Upper

97 100

83 93.4 74.2 111.2

85 58.1 47.8 71.8

99 64.1 49.3 73.9

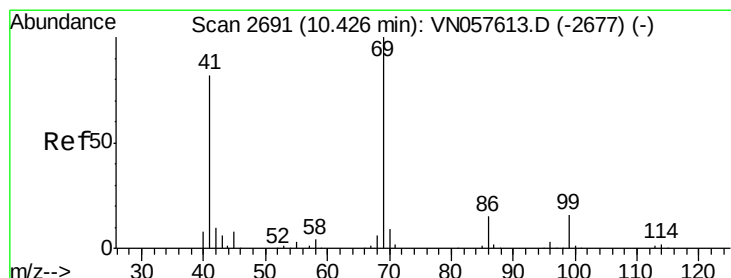
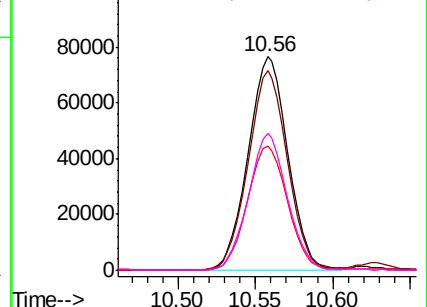
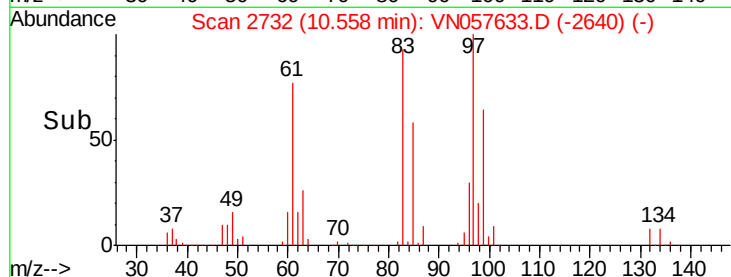


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.337 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

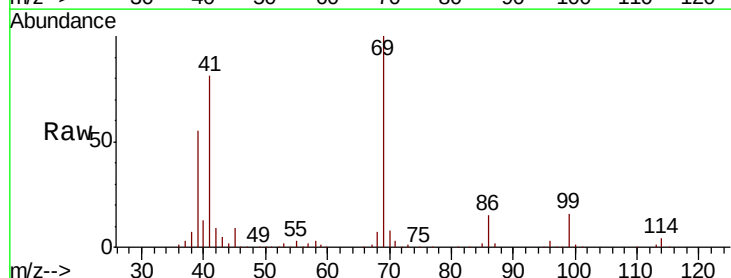
Tgt Ion: 69 Resp: 223636

Ion Ratio Lower Upper

69 100

41 81.0 65.8 98.6

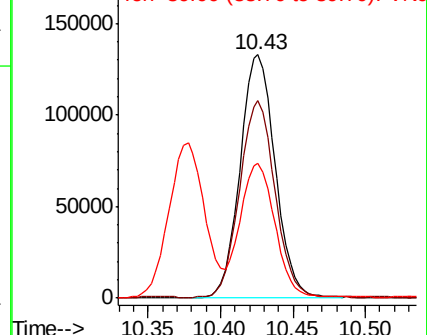
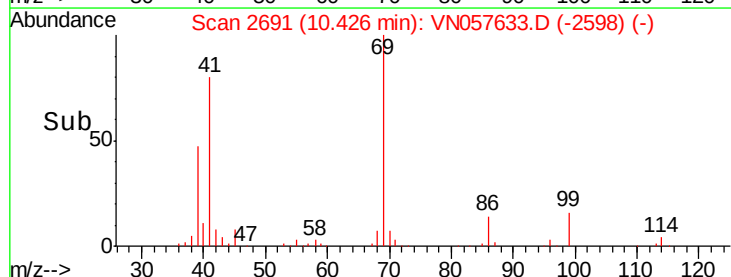
39 53.8 43.8 65.8

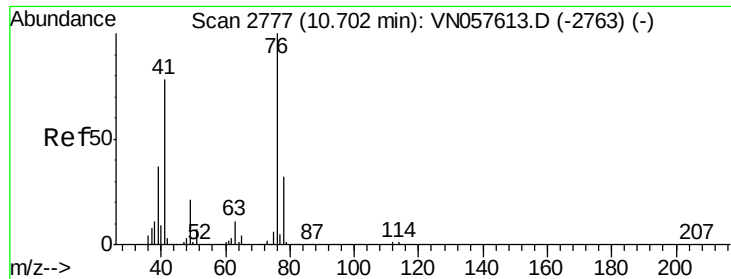


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.292 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

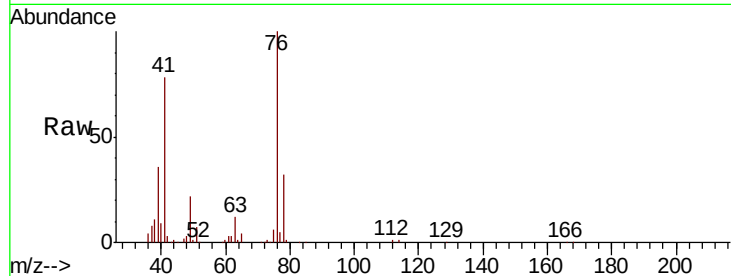
VSTDCCC050

Tgt Ion: 76 Resp: 250727

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

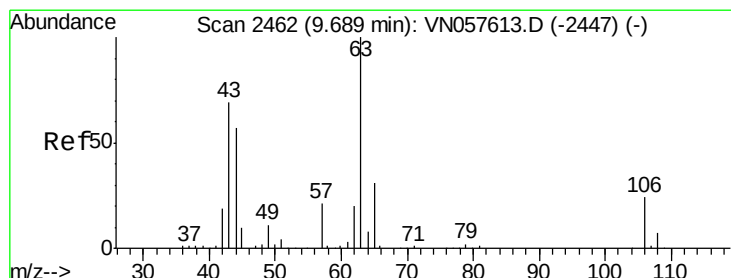
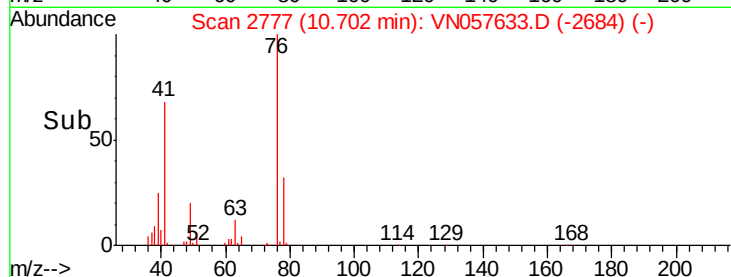
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 233.866 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN057633.D

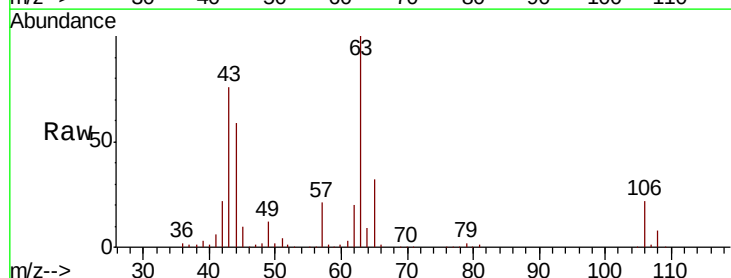
Acq: 1 Sep 2019 10:26

Tgt Ion: 63 Resp: 316559

Ion Ratio Lower Upper

63 100

106 23.0 18.3 27.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

200000

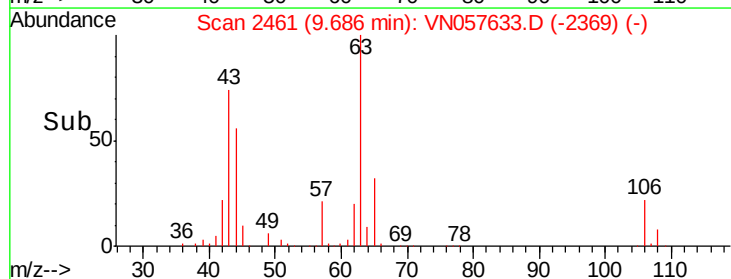
150000

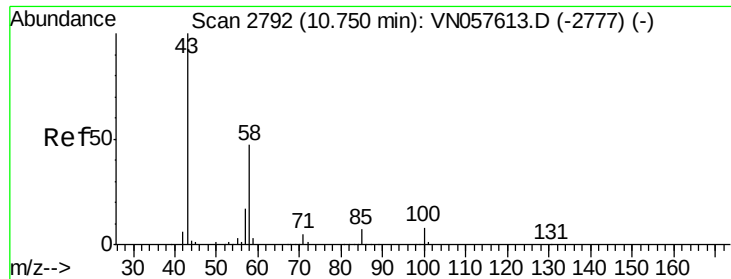
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

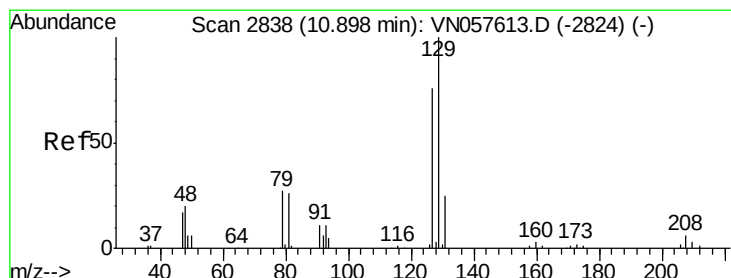
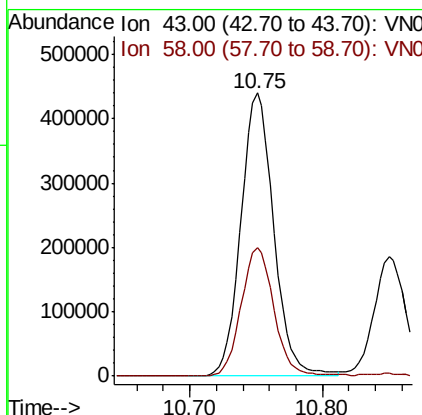
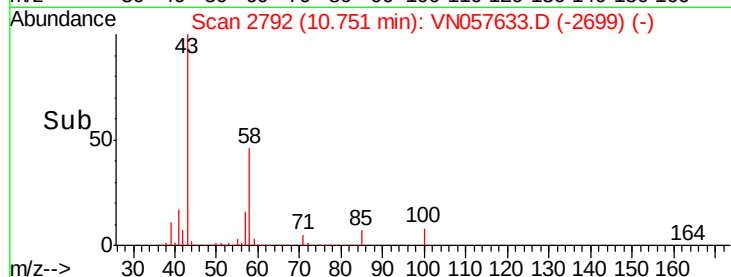
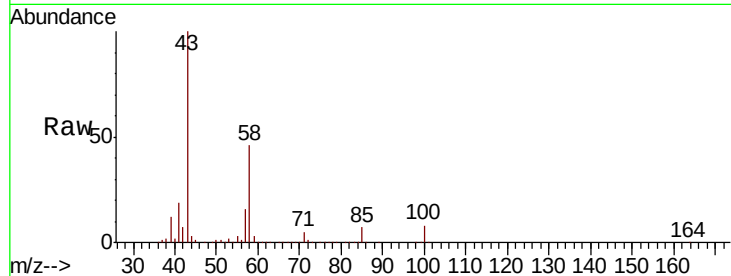




#59
2-Hexanone
Concen: 246.203 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

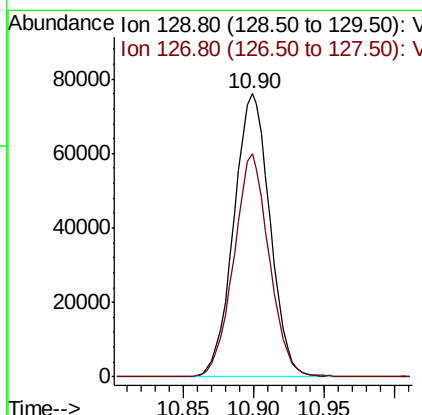
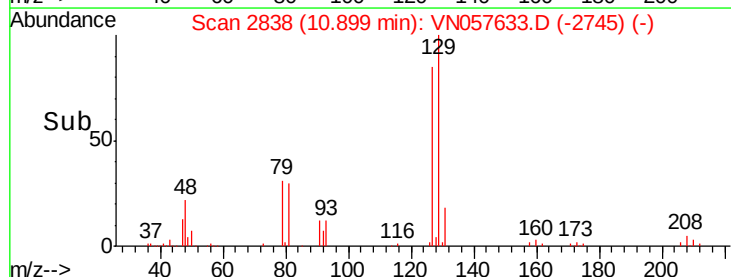
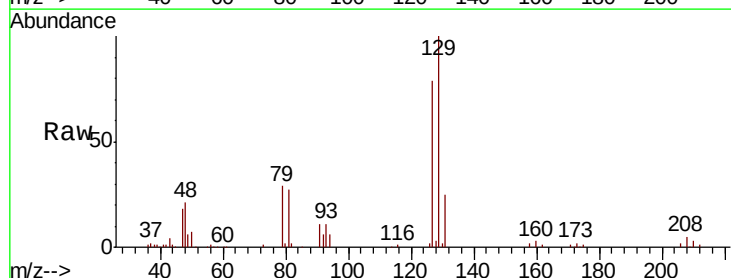
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

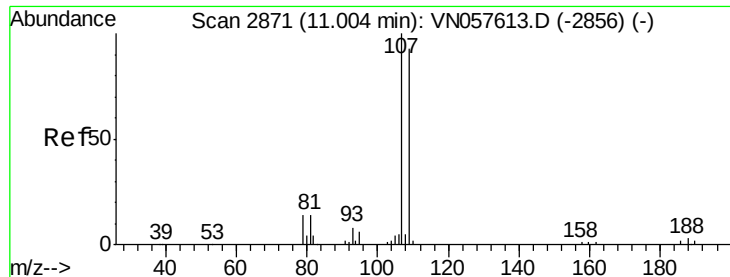
Tgt Ion: 43 Resp: 754285
Ion Ratio Lower Upper
43 100
58 45.6 23.5 70.5



#60
Dibromochloromethane
Concen: 45.314 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 129 Resp: 136637
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8

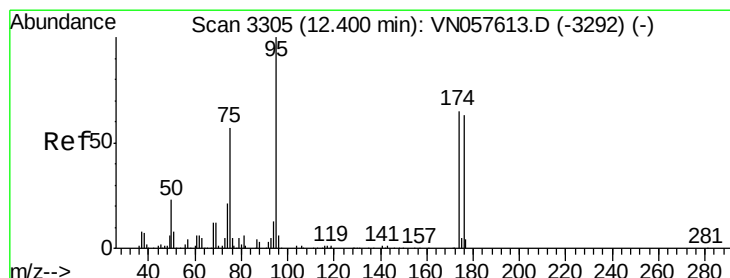
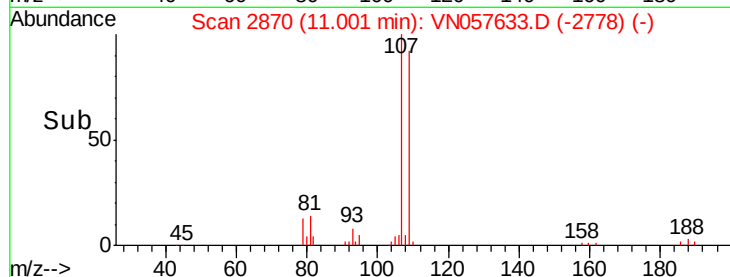
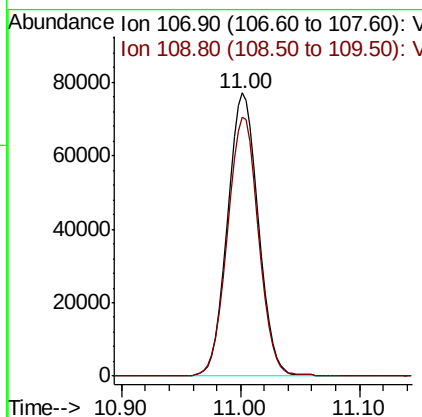
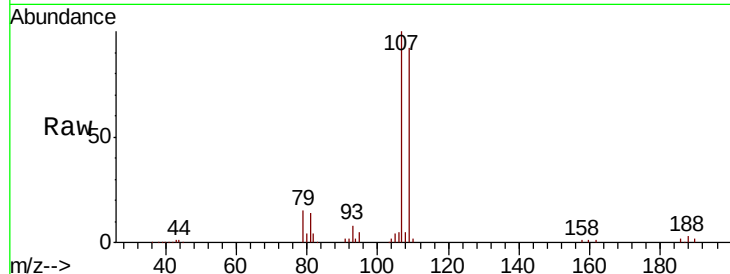




#61
 1,2-Dibromoethane
 Concen: 49.515 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

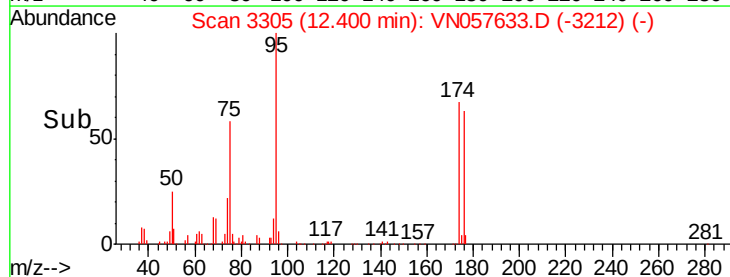
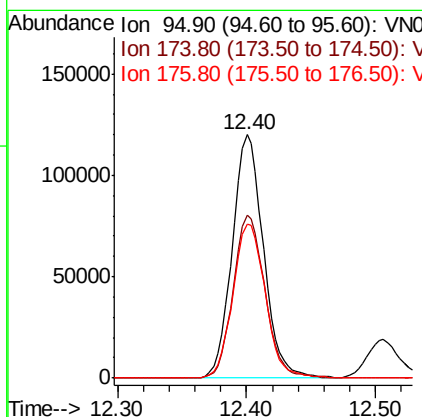
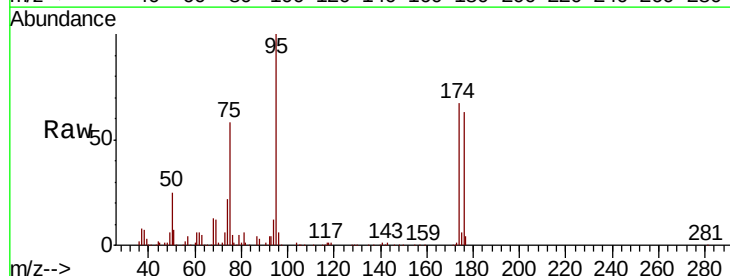
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

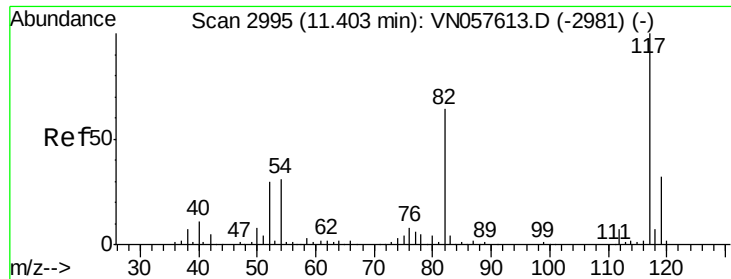
Tgt Ion: 107 Resp: 138228
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.397 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 95 Resp: 201753
 Ion Ratio Lower Upper
 95 100
 174 68.1 0.0 134.8
 176 66.0 0.0 131.6

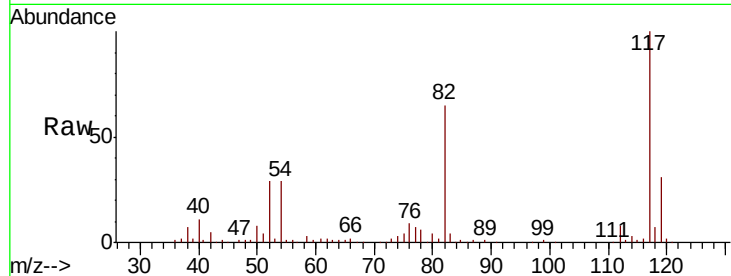




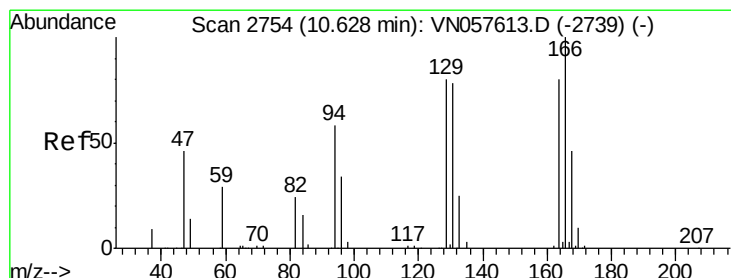
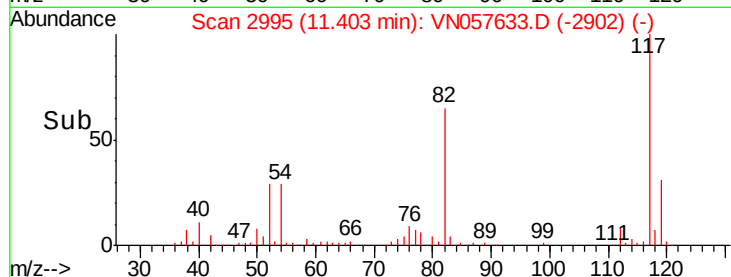
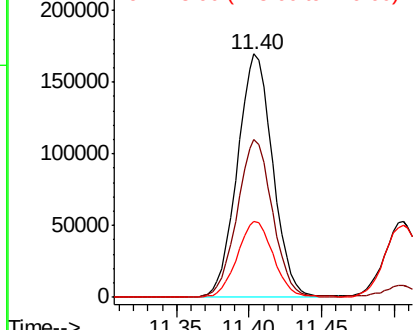
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 288137
Ion Ratio Lower Upper
117 100
82 64.6 51.6 77.4
119 31.4 25.8 38.6

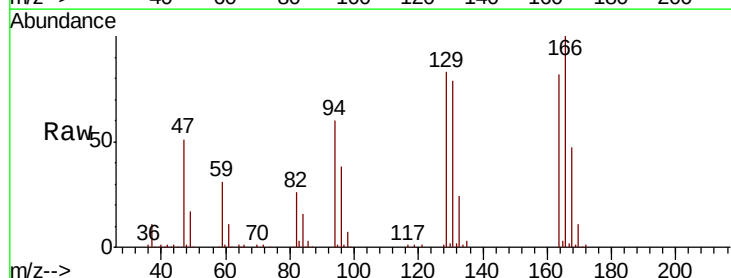


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

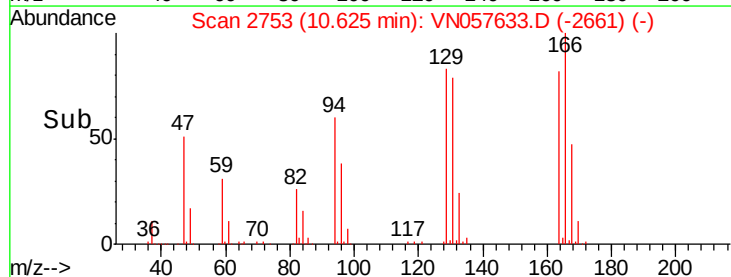
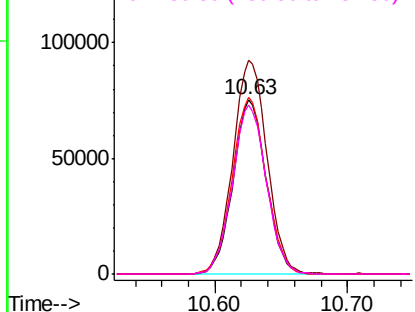


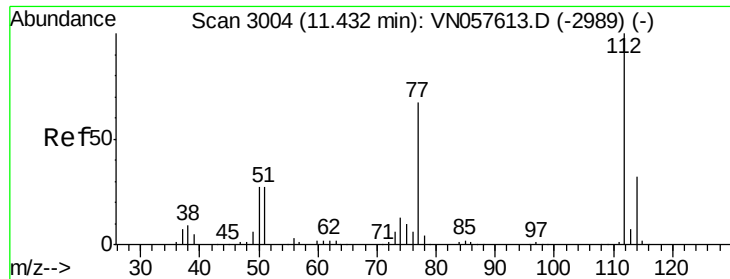
#64
Tetrachloroethene
Concen: 52.166 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion:164 Resp: 130151
Ion Ratio Lower Upper
164 100
166 122.6 100.6 151.0
129 101.6 80.4 120.6
131 97.2 78.6 118.0



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





#65

Chlorobenzene

Concen: 51.450 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

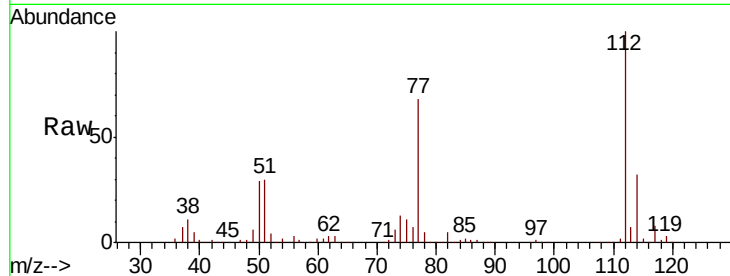
VSTDCCC050

Tgt Ion:112 Resp: 371477

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

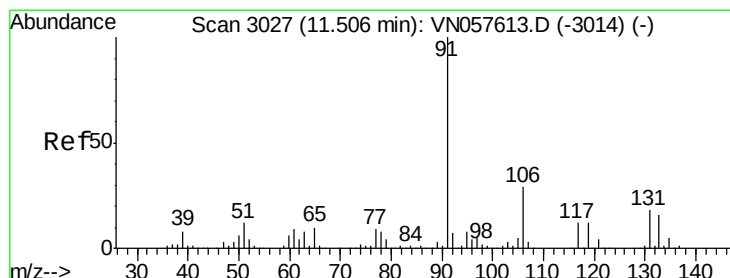
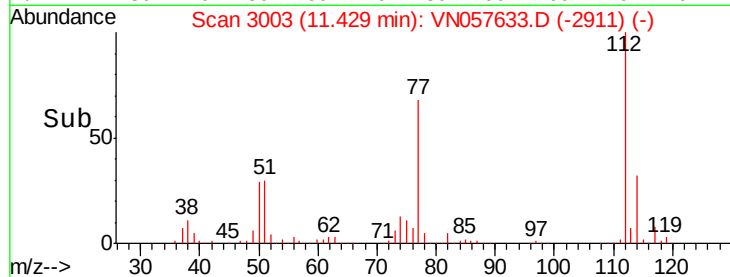
100000

50000

0

11.40 11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.272 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

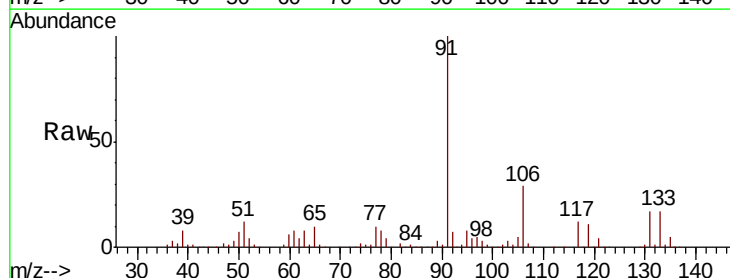
Tgt Ion:131 Resp: 129108

Ion Ratio Lower Upper

131 100

133 98.7 47.8 143.4

119 67.3 33.9 101.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

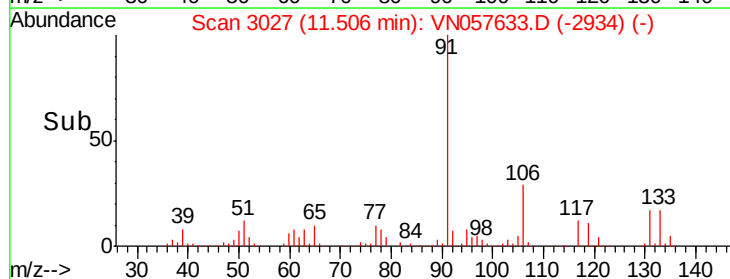
40000

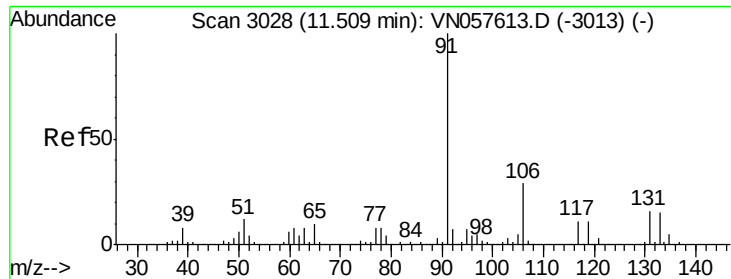
20000

0

11.45 11.50 11.55 11.60

Time-->

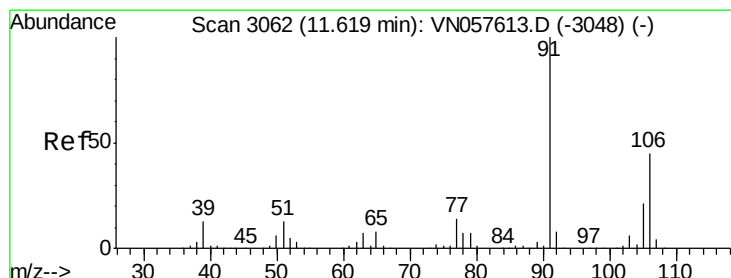
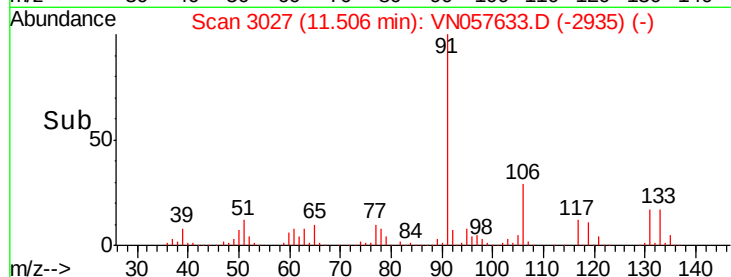
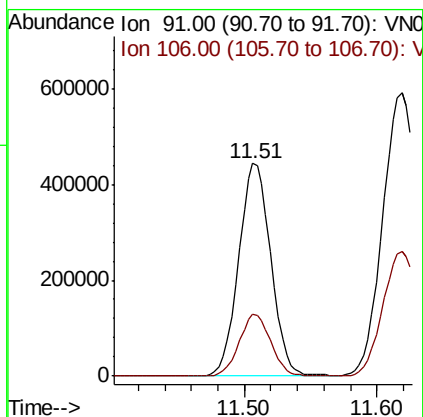
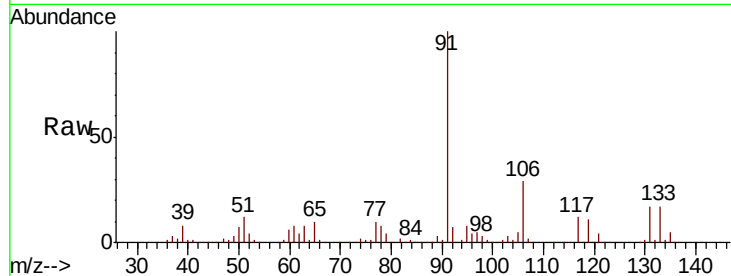




#67
Ethyl Benzene
Concen: 53.240 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

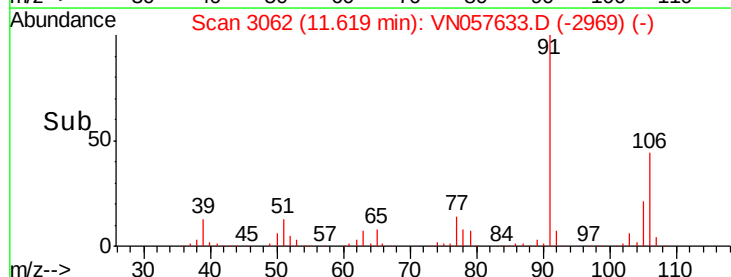
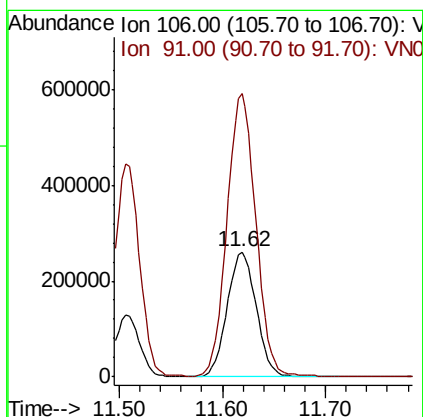
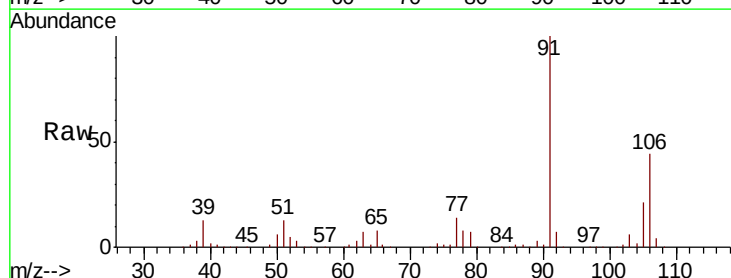
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

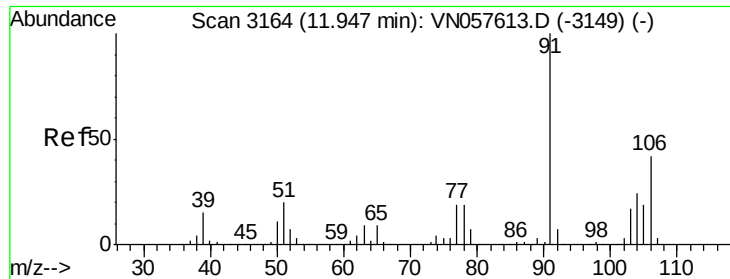
Tgt Ion: 91 Resp: 746880
Ion Ratio Lower Upper
91 100
106 29.0 22.9 34.3



#68
m/p-Xylenes
Concen: 103.779 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion: 106 Resp: 512899
Ion Ratio Lower Upper
106 100
91 225.3 176.2 264.2

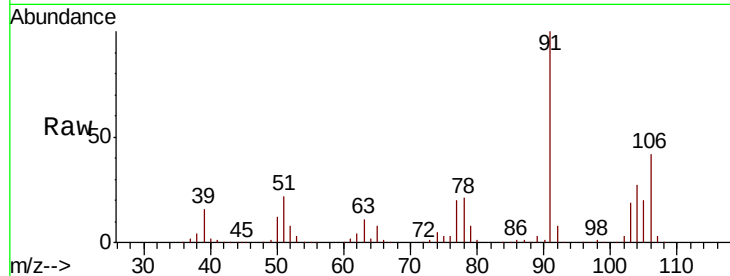




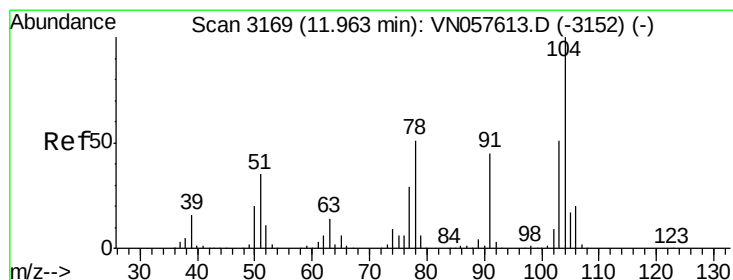
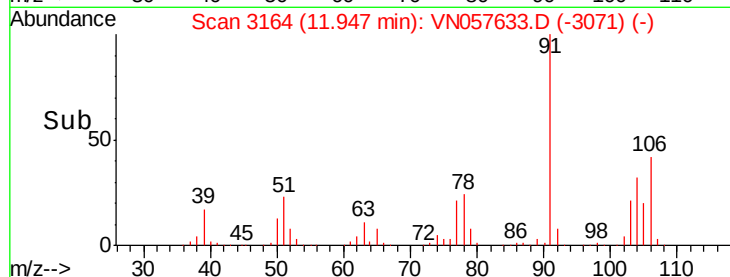
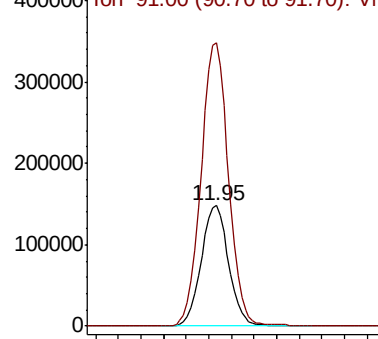
#69
o-Xylene
Concen: 52.066 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 249377
Ion Ratio Lower Upper
106 100
91 235.4 117.3 351.8

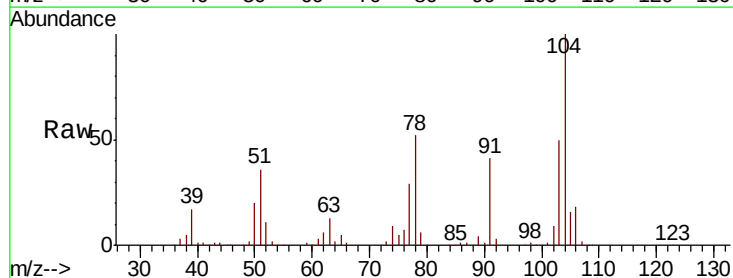


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

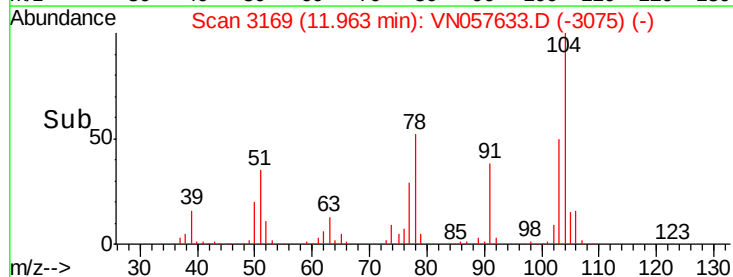
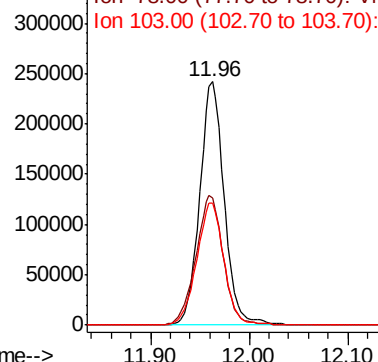


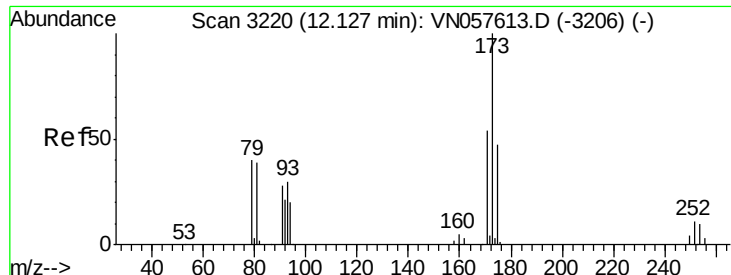
#70
Styrene
Concen: 48.998 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion:104 Resp: 421905
Ion Ratio Lower Upper
104 100
78 59.7 46.6 70.0
103 55.7 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.209 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

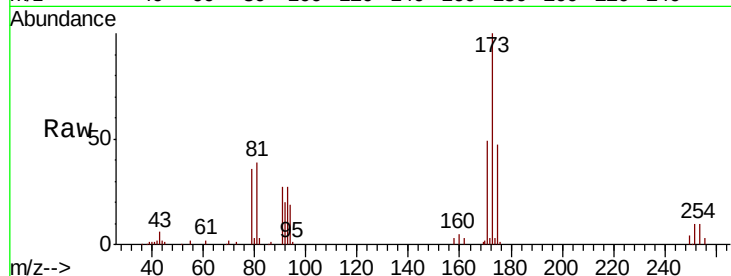
Tgt Ion:173 Resp: 83335

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.4

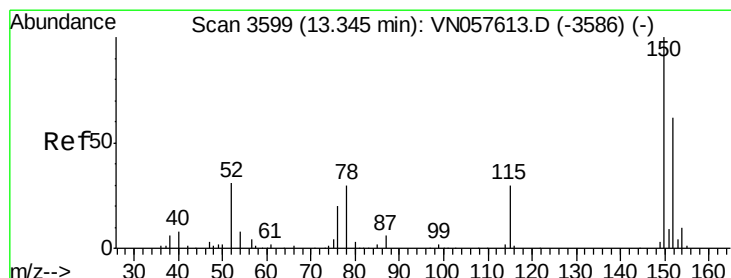
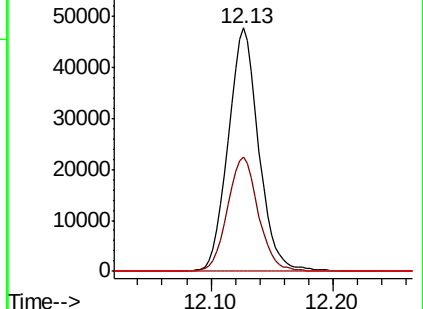
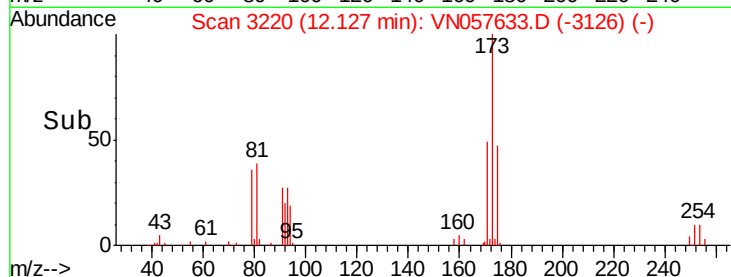
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

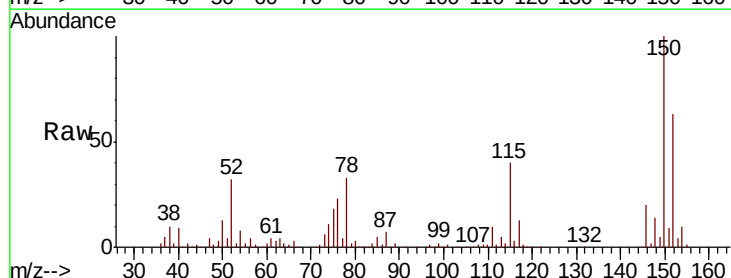
Tgt Ion:152 Resp: 136836

Ion Ratio Lower Upper

152 100

115 64.2 33.2 99.6

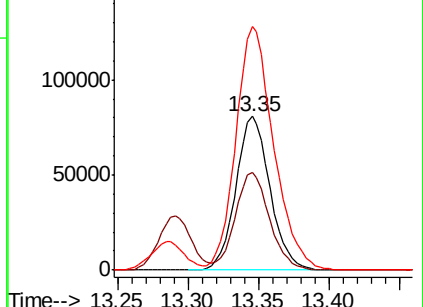
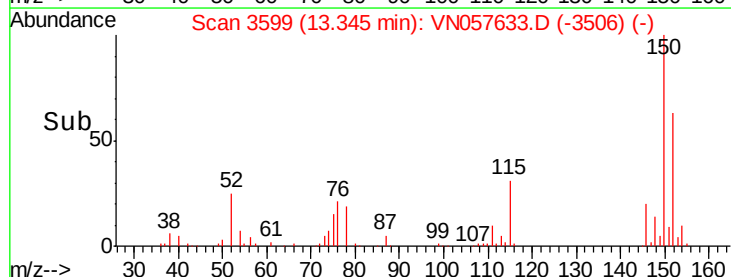
150 175.5 0.0 365.2

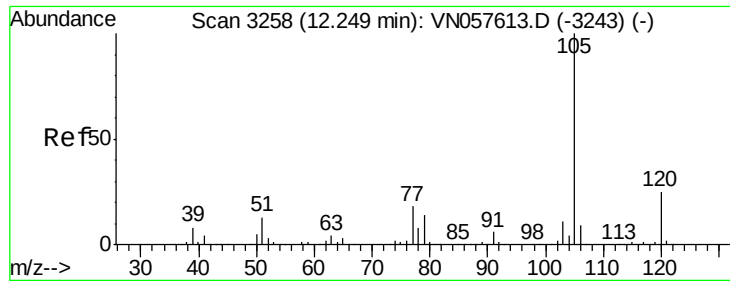


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.040 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

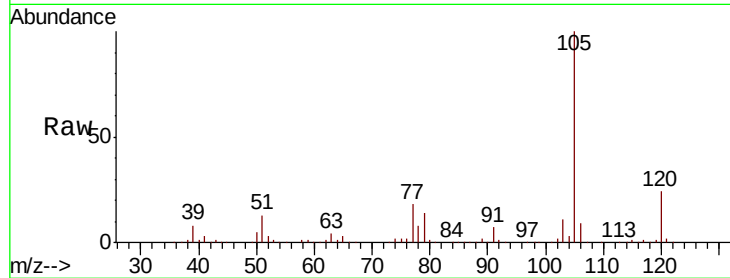
VSTDCCC050

Tgt Ion: 105 Resp: 705145

Ion Ratio Lower Upper

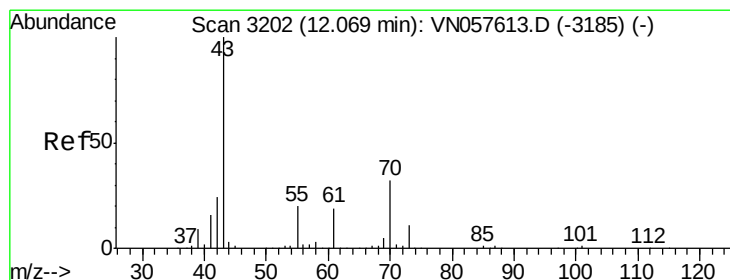
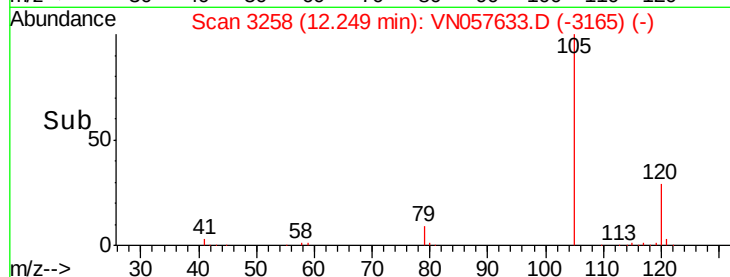
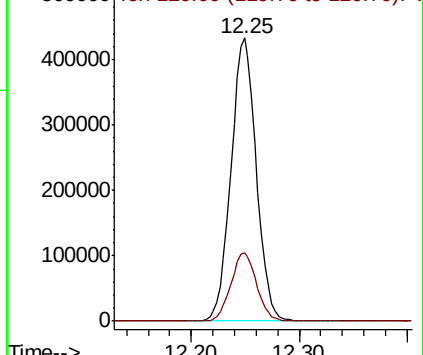
105 100

120 24.6 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.943 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Tgt Ion: 43 Resp: 306066

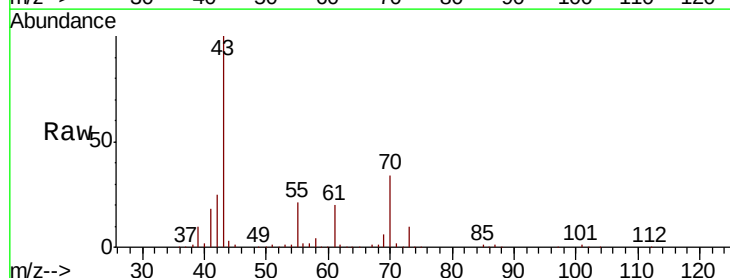
Ion Ratio Lower Upper

43 100

70 33.8 26.9 40.3

55 21.4 16.8 25.2

61 19.6 15.1 22.7

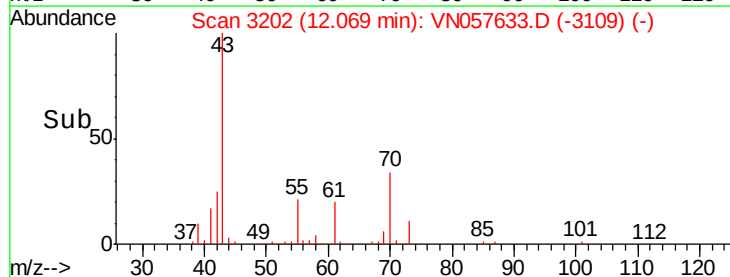
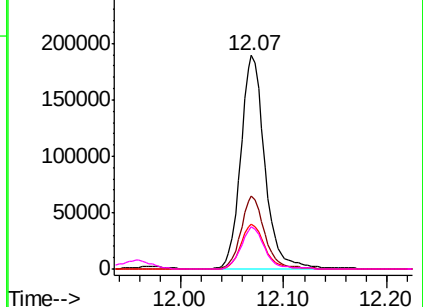


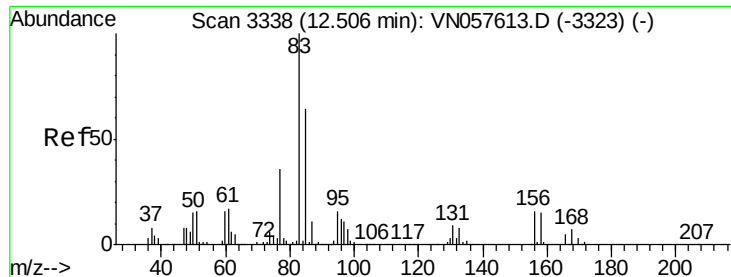
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.931 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

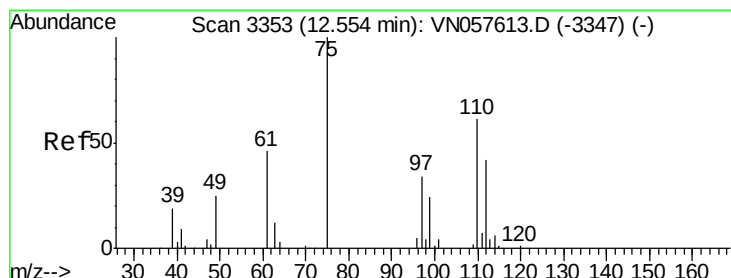
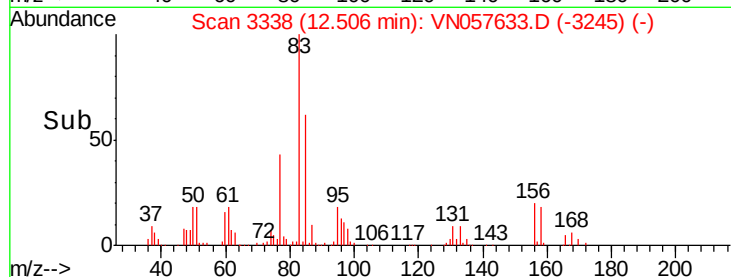
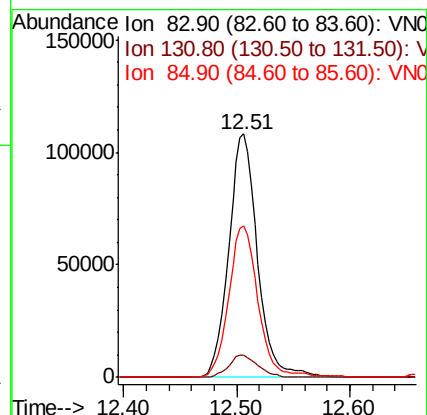
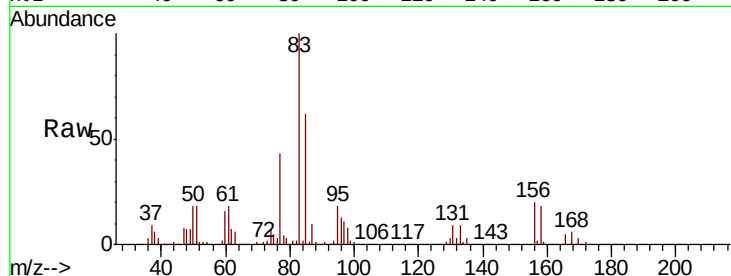
Tgt Ion: 83 Resp: 191096

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

85 63.4 31.3 93.8



#76

1,2,3-Trichloropropane

Concen: 69.347 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057633.D

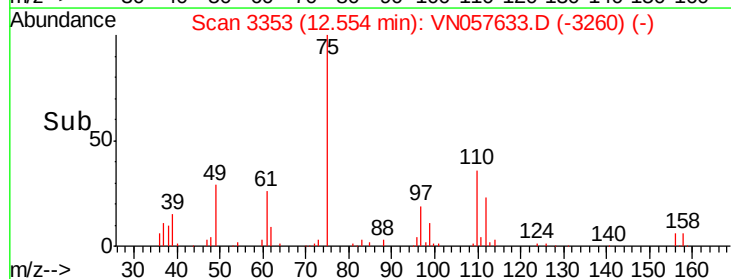
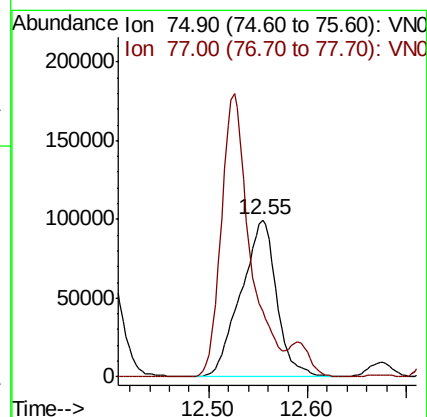
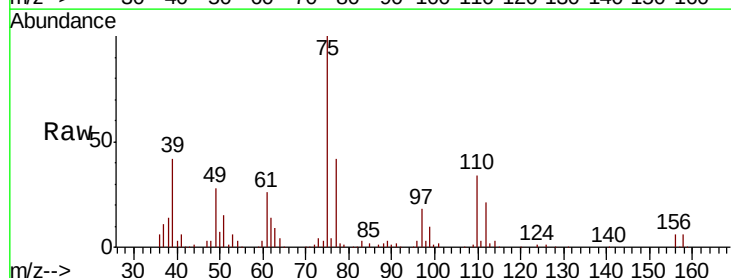
Acq: 1 Sep 2019 10:26

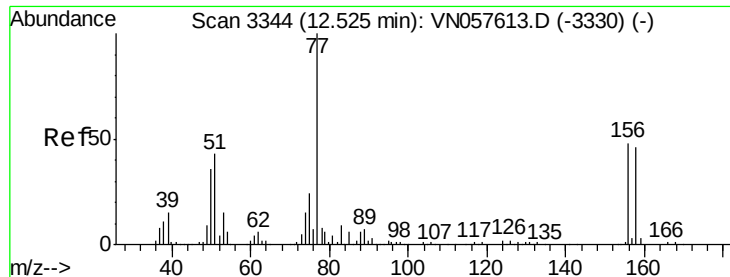
Tgt Ion: 75 Resp: 249609

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.445 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

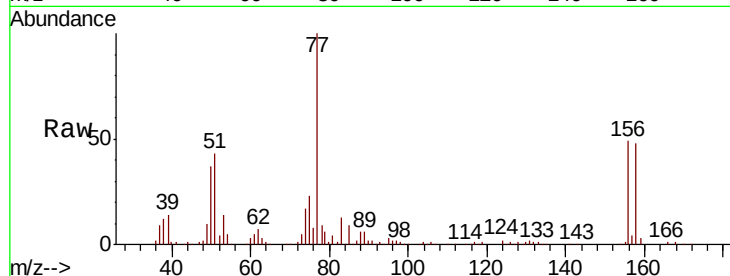
Tgt Ion:156 Resp: 154212

Ion Ratio Lower Upper

156 100

77 240.6 123.5 370.5

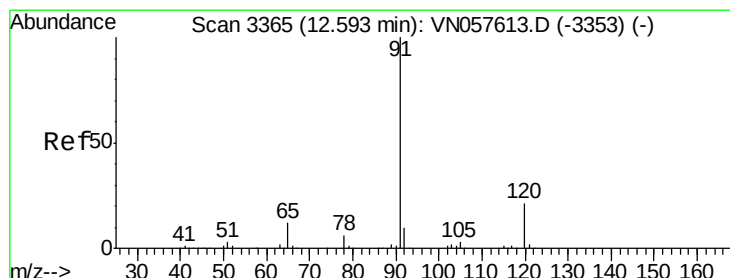
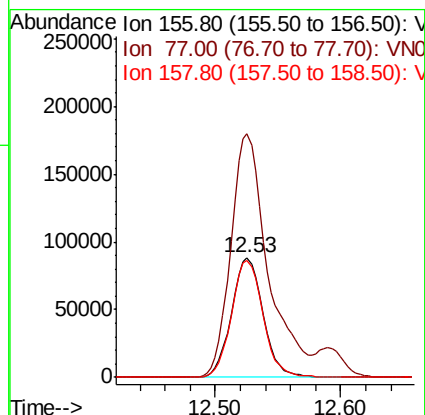
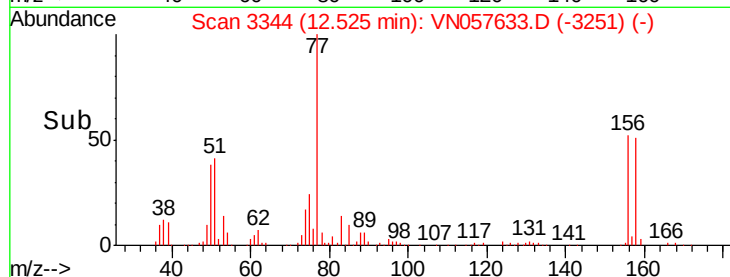
158 97.9 47.8 143.3



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: 53.088 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057633.D

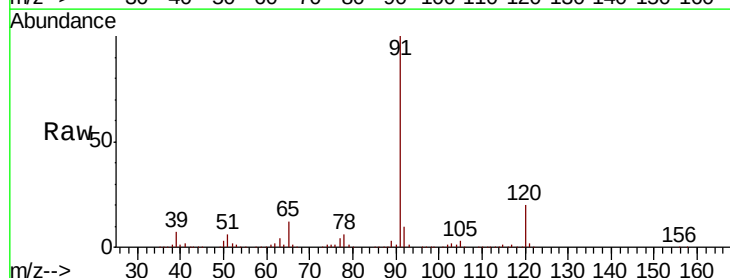
Acq: 1 Sep 2019 10:26

Tgt Ion: 91 Resp: 816330

Ion Ratio Lower Upper

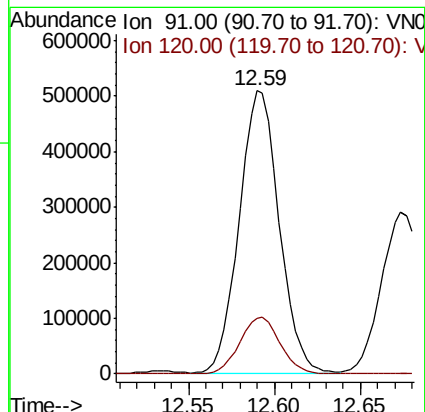
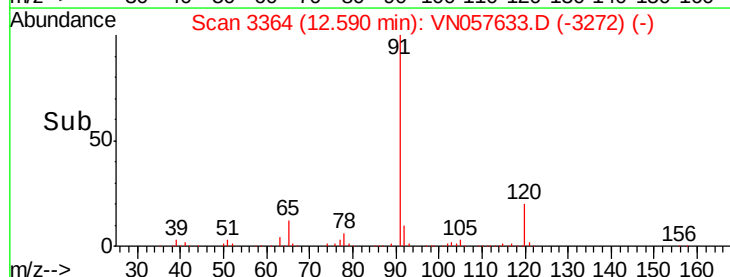
91 100

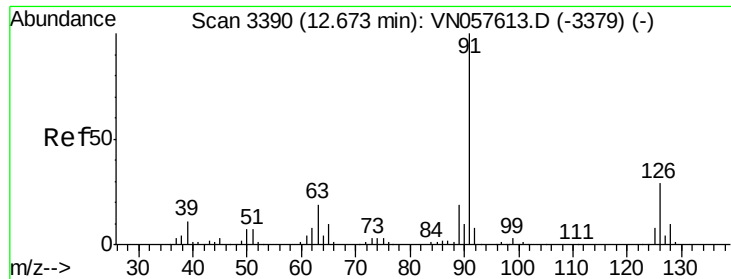
120 20.4 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

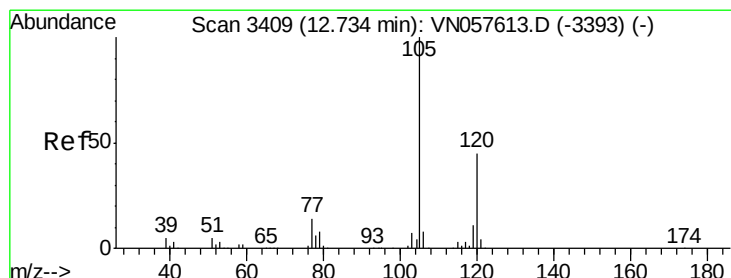
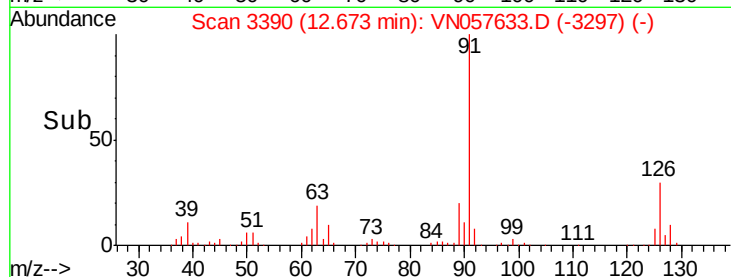
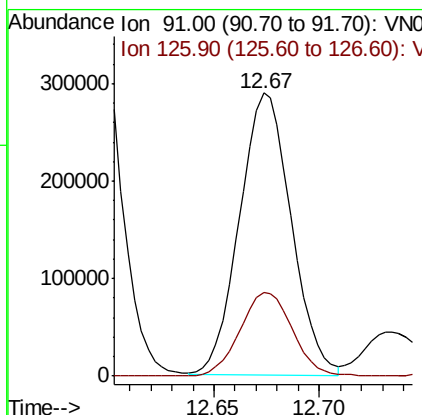
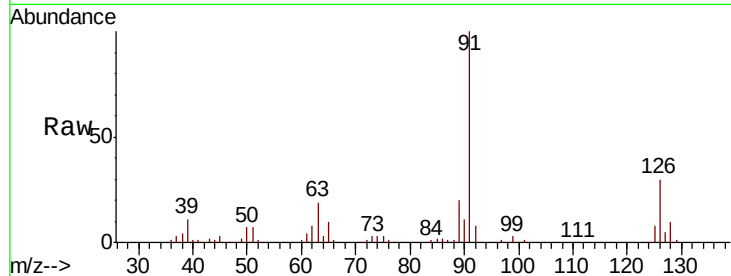




#79
 2-Chlorotoluene
 Concen: 51.460 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

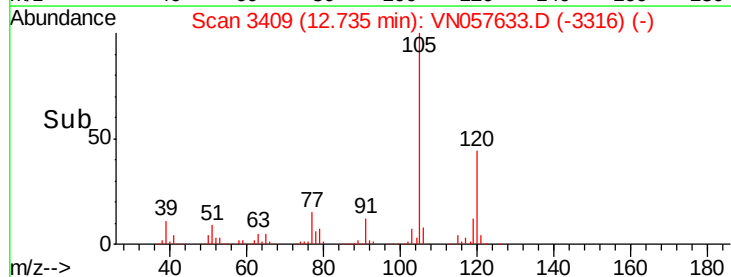
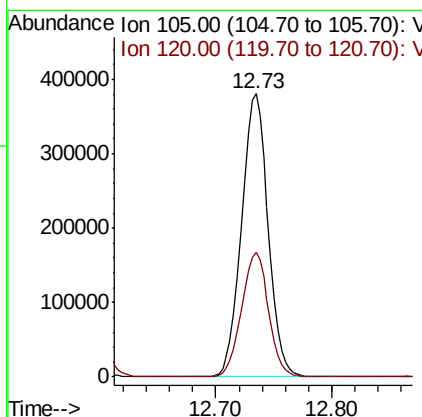
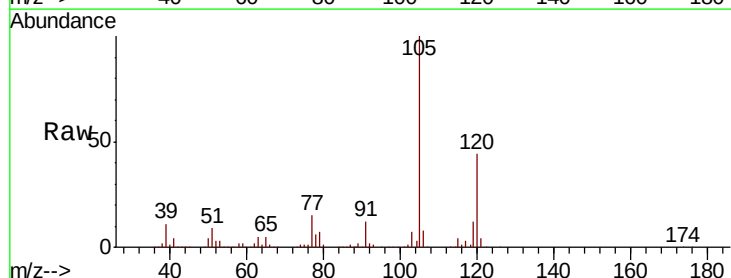
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

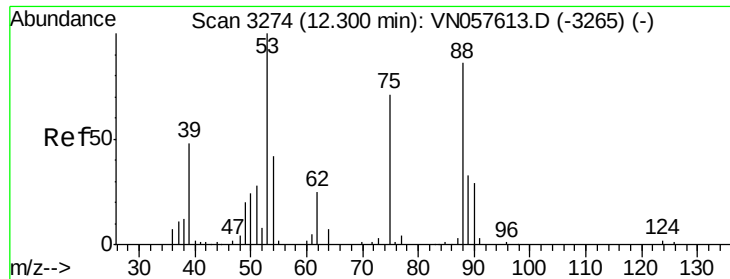
Tgt Ion: 91 Resp: 493415
 Ion Ratio Lower Upper
 91 100
 126 30.2 14.9 44.5



#80
 1,3,5-Trimethylbenzene
 Concen: 53.198 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 105 Resp: 604634
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.6 67.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.800 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

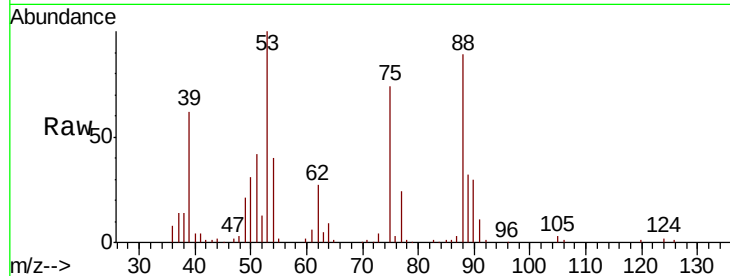
Tgt Ion: 75 Resp: 49143

Ion Ratio Lower Upper

75 100

53 139.4 111.0 166.6

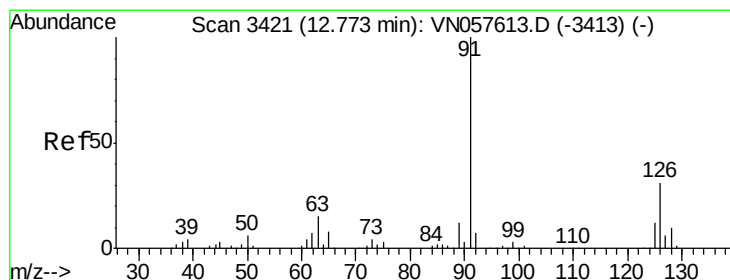
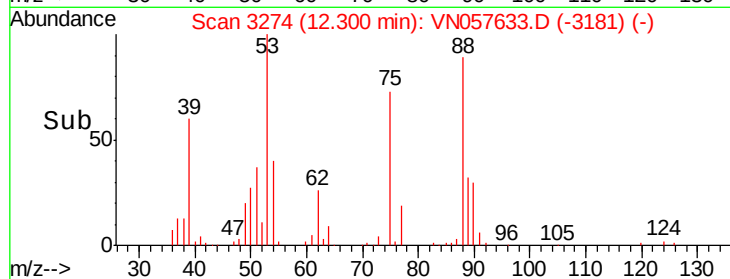
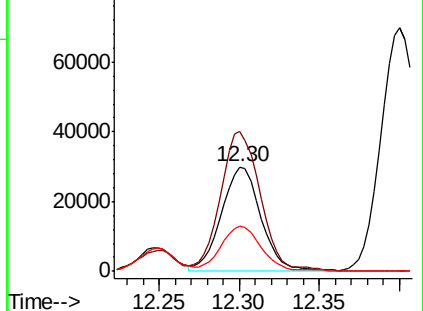
89 46.0 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.034 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057633.D

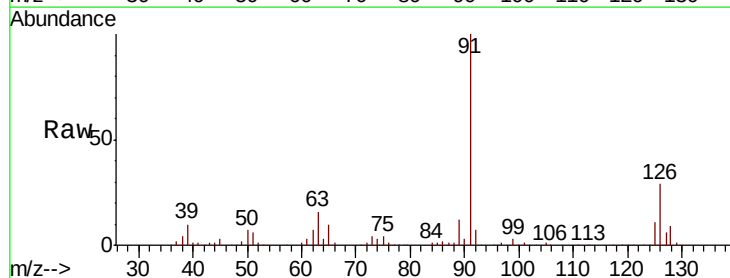
Acq: 1 Sep 2019 10:26

Tgt Ion: 91 Resp: 493854

Ion Ratio Lower Upper

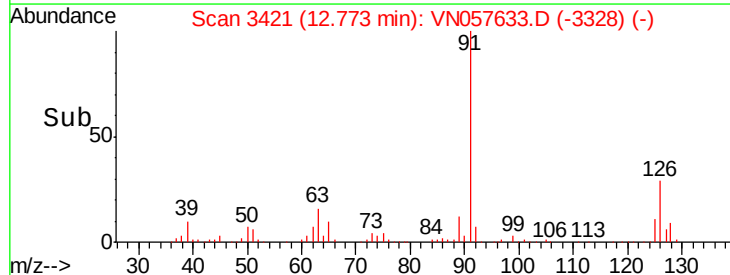
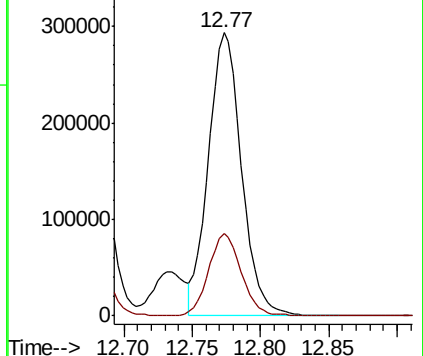
91 100

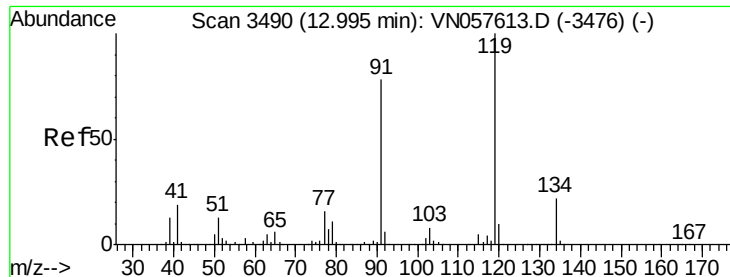
126 28.8 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

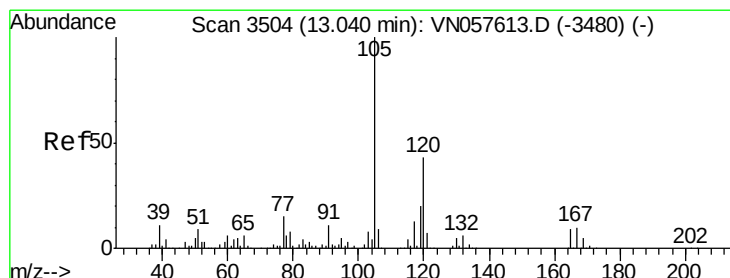
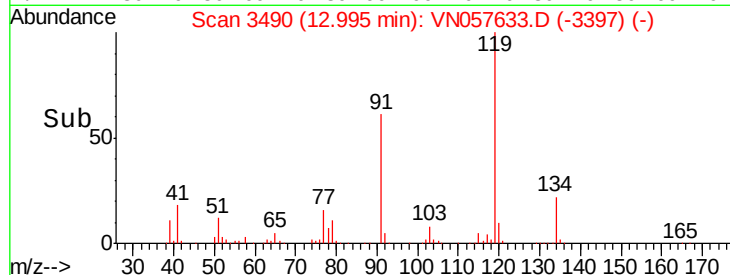
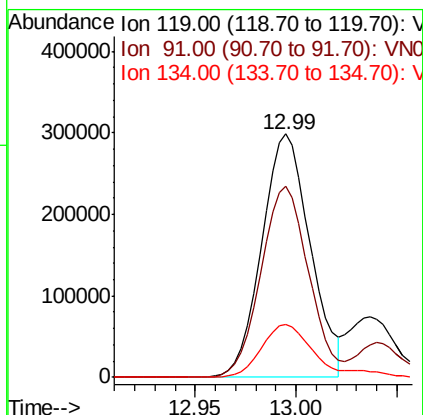
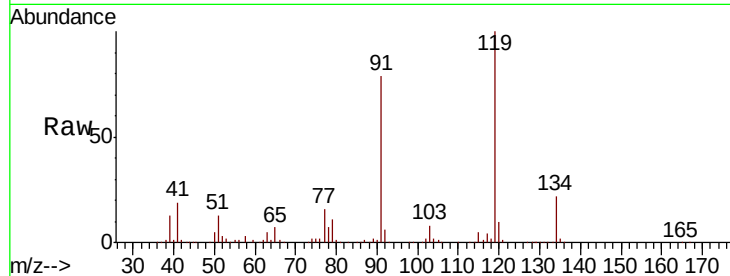




#83
 tert-Butylbenzene
 Concen: 51.806 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

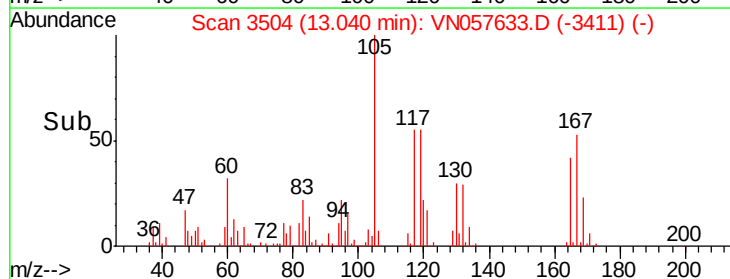
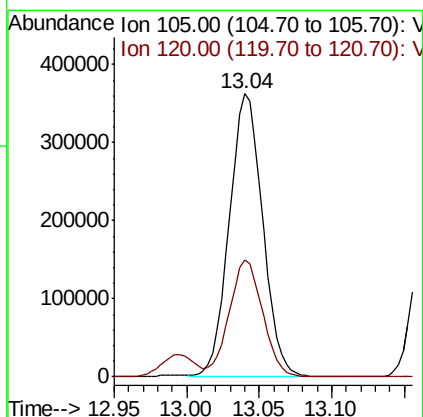
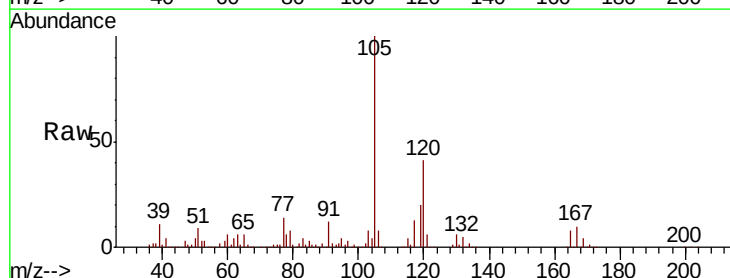
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

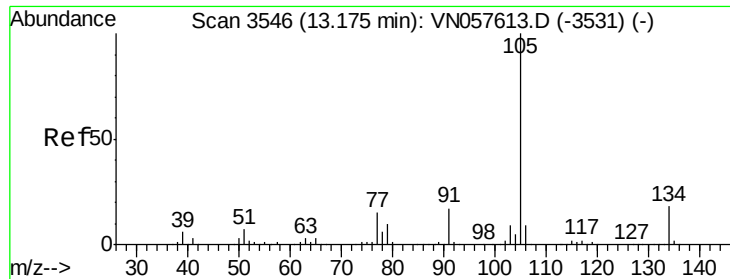
Tgt Ion:119 Resp: 499603
 Ion Ratio Lower Upper
 119 100
 91 77.6 38.3 114.9
 134 24.3 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.748 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion:105 Resp: 580012
 Ion Ratio Lower Upper
 105 100
 120 41.4 20.8 62.5

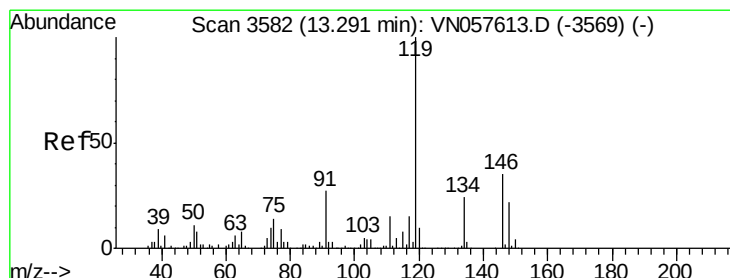
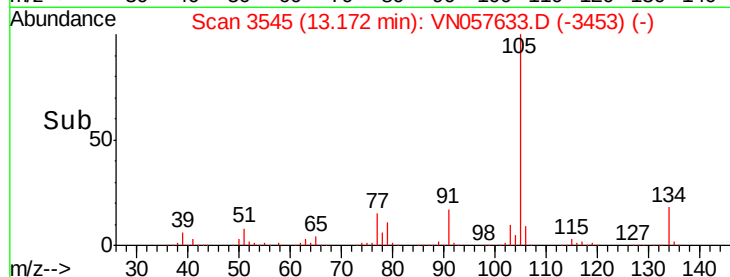
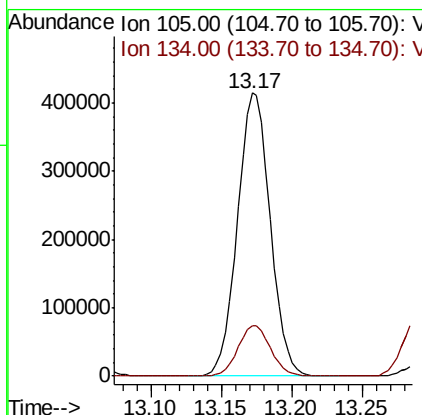
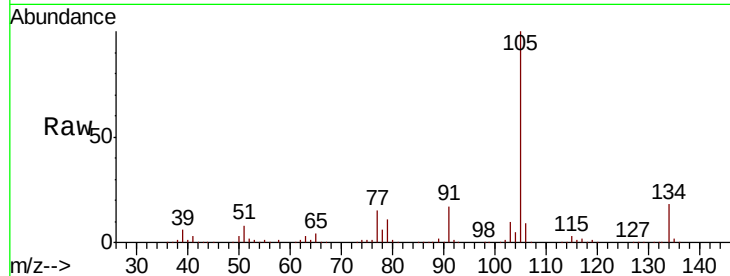




#85
 sec-Butylbenzene
 Concen: 51.966 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

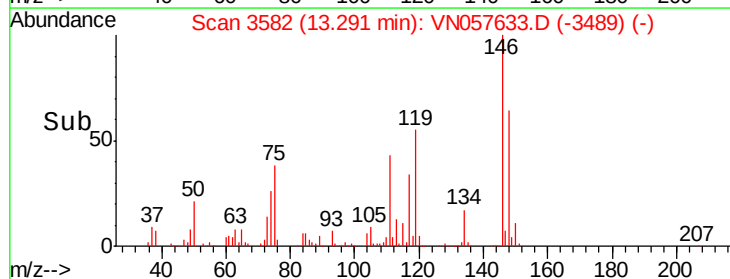
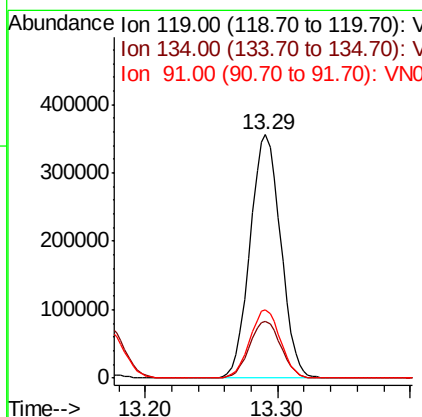
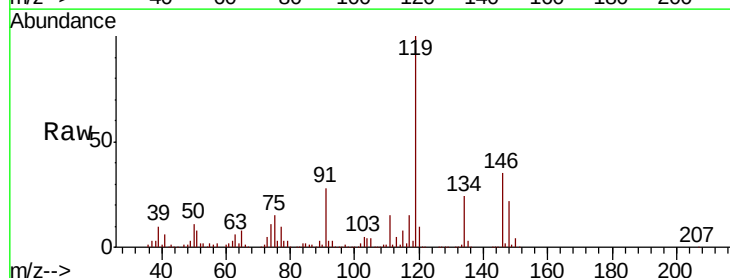
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

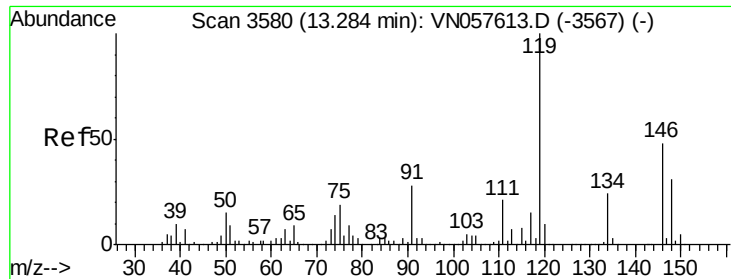
Tgt Ion:105 Resp: 674085
 Ion Ratio Lower Upper
 105 100
 134 17.8 8.9 26.8



#86
 p-Isopropyltoluene
 Concen: 53.092 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion:119 Resp: 569557
 Ion Ratio Lower Upper
 119 100
 134 24.1 11.9 35.5
 91 28.1 13.7 41.0

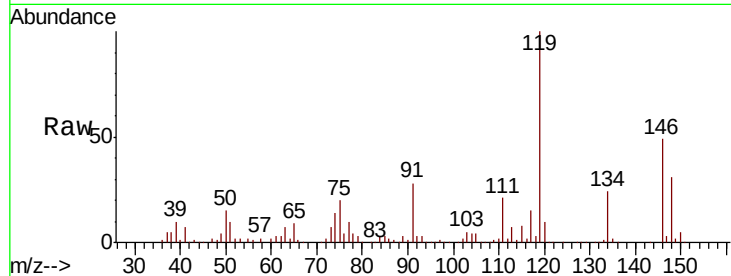




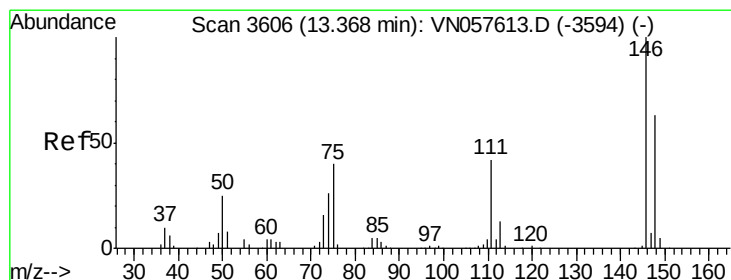
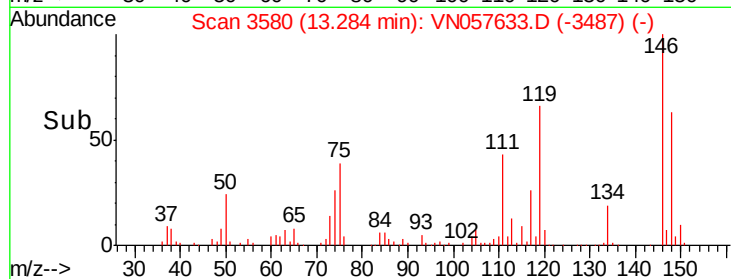
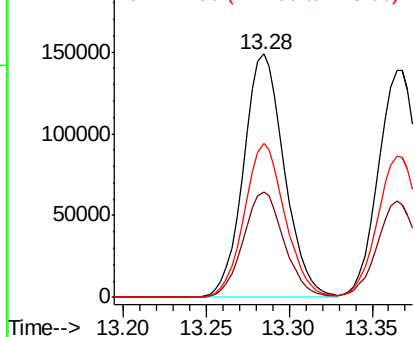
#87
 1,3-Dichlorobenzene
 Concen: 53.006 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 253918
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 63.2 31.4 94.2

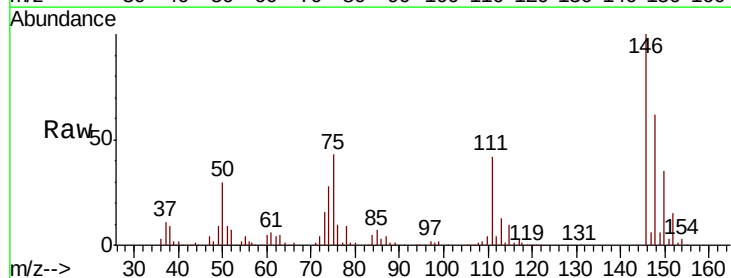


Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

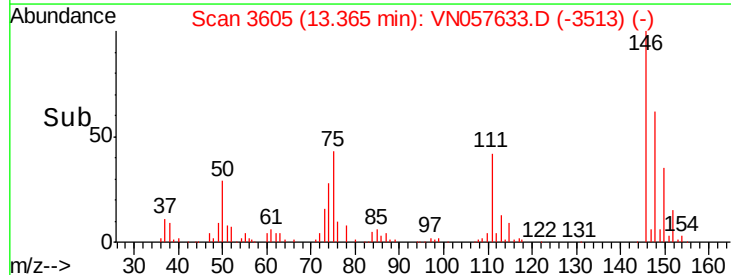
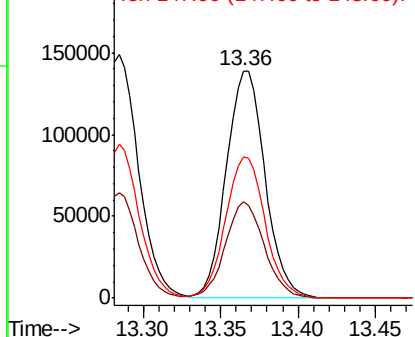


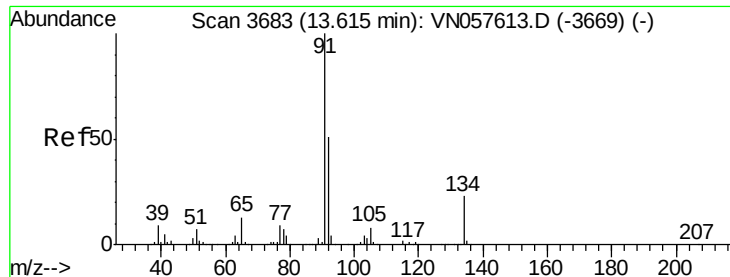
#88
 1,4-Dichlorobenzene
 Concen: 52.269 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion:146 Resp: 241864
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.6 65.0
 148 63.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.300 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057633.D

Acq: 1 Sep 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

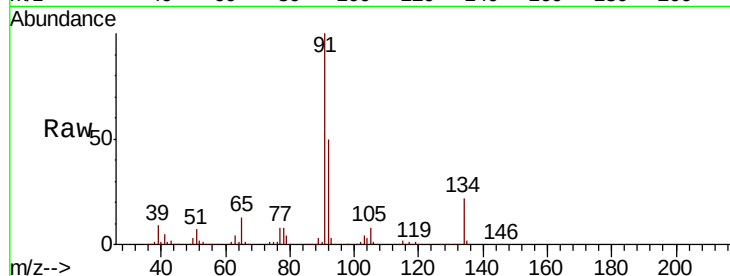
Tgt Ion: 91 Resp: 515725

Ion Ratio Lower Upper

91 100

92 50.1 25.4 76.0

134 21.7 11.0 33.0

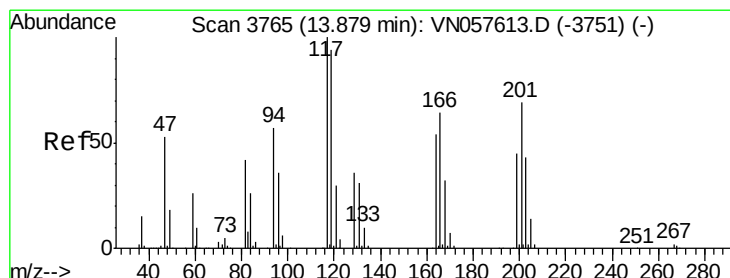
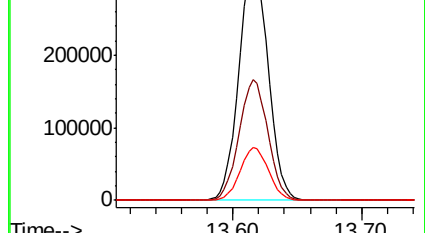
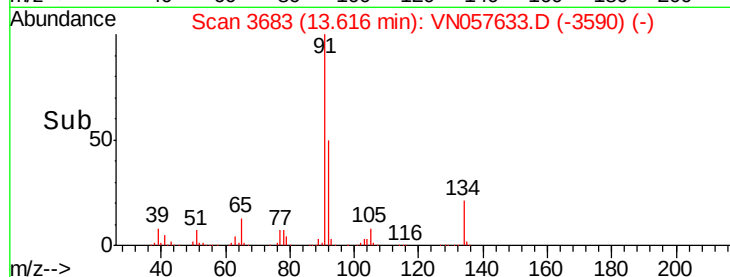


Abundance Ion 91.00 (90.70 to 91.70): VN057613.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057613.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057613.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 51.683 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN057633.D

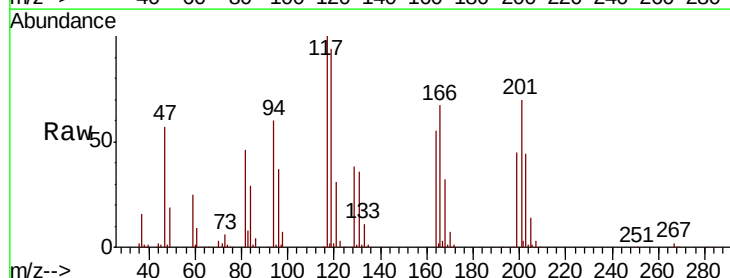
Acq: 1 Sep 2019 10:26

Tgt Ion: 117 Resp: 96255

Ion Ratio Lower Upper

117 100

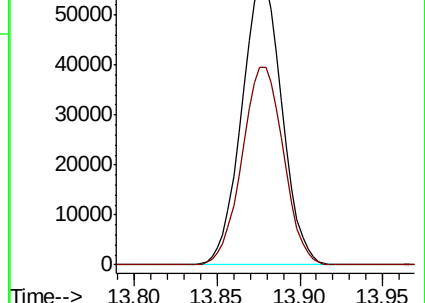
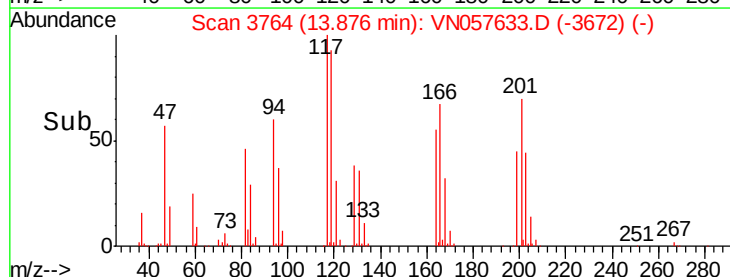
201 71.8 34.4 103.2

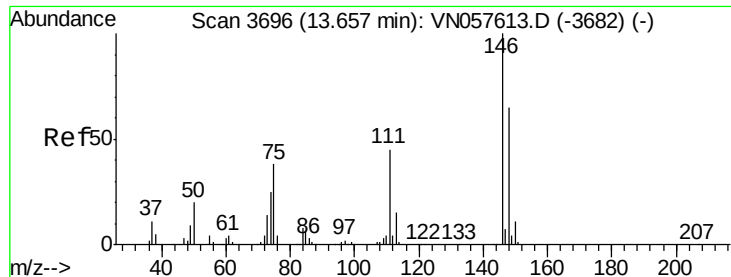


Abundance Ion 116.80 (116.50 to 117.50): VN057613.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057613.D (-3751) (-)

Time-->

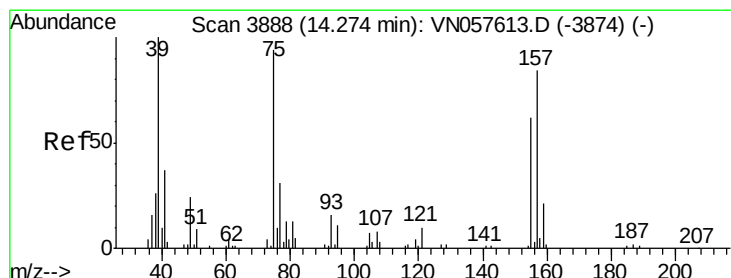
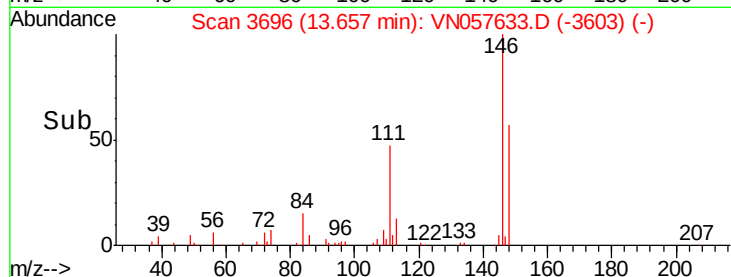
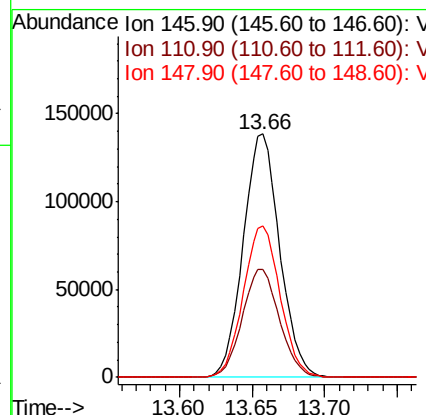
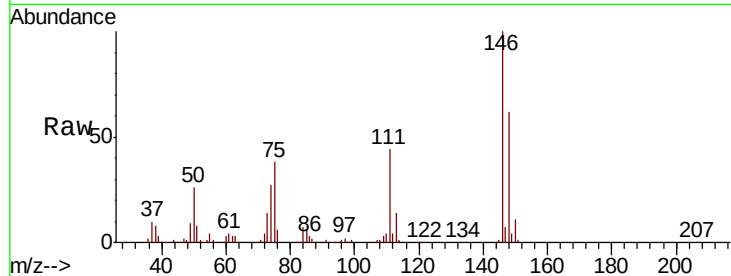




#91
 1,2-Dichlorobenzene
 Concen: 52.978 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

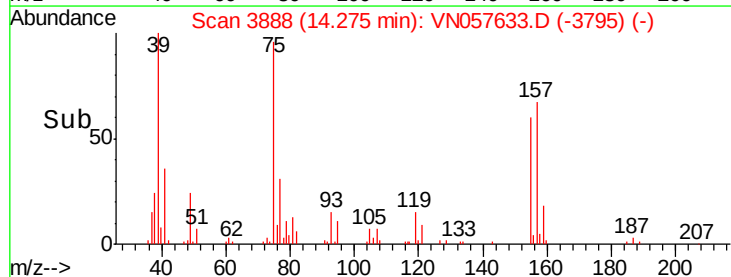
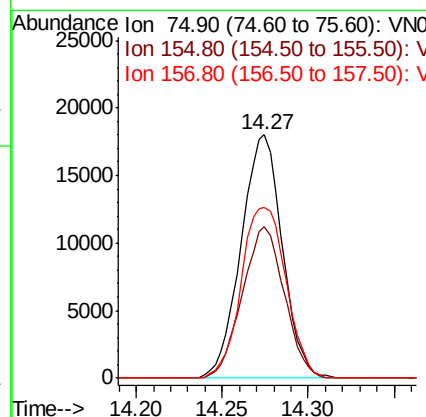
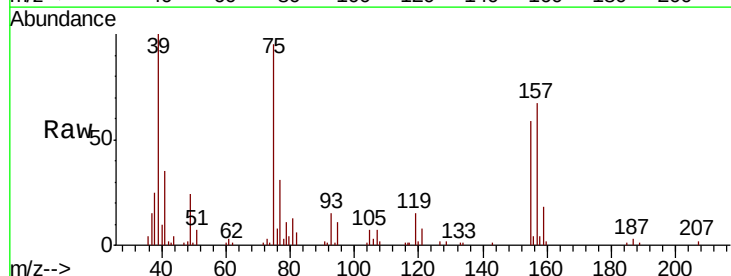
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

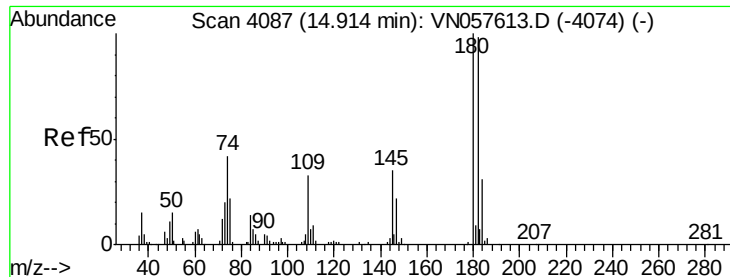
Tgt Ion: 146 Resp: 242176
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.1 66.5
 148 62.8 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.713 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion: 75 Resp: 29915
 Ion Ratio Lower Upper
 75 100
 155 63.3 30.1 90.5
 157 76.3 41.4 124.4

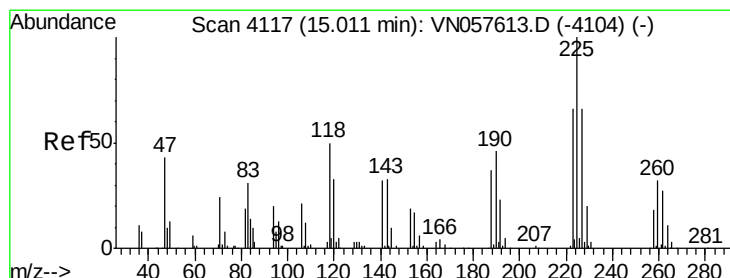
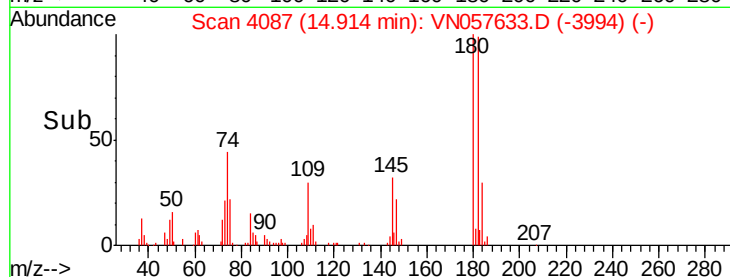
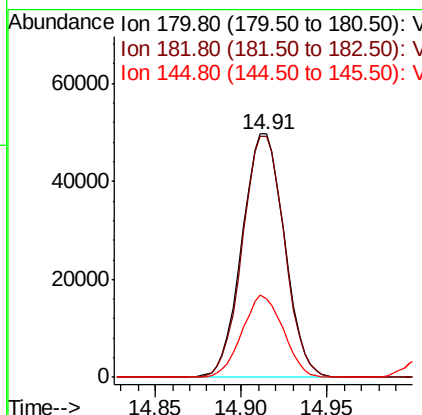
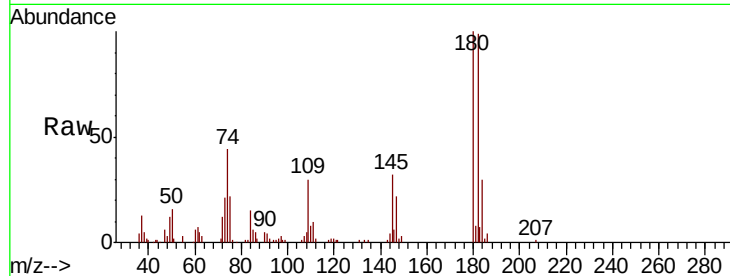




#93
 1,2,4-Trichlorobenzene
 Concen: 43.997 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

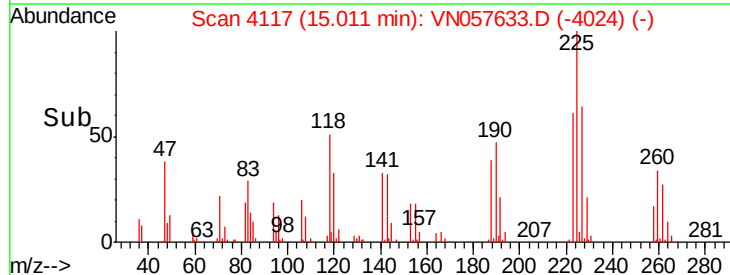
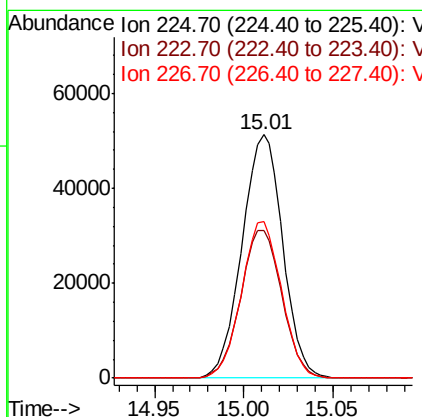
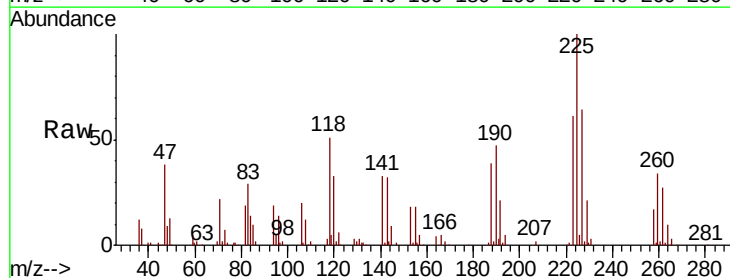
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

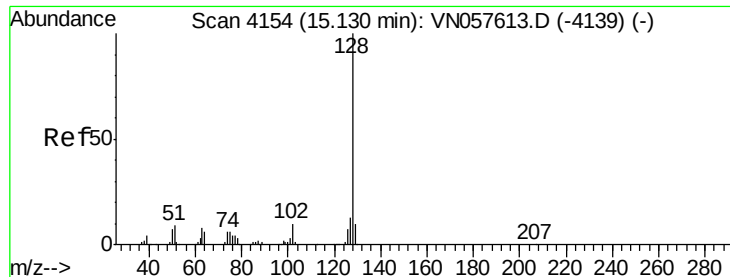
Tgt Ion:180 Resp: 84925
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.8 143.3
 145 32.8 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 52.259 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057633.D
 Acq: 1 Sep 2019 10:26

Tgt Ion:225 Resp: 81977
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.3 96.8
 227 63.1 32.4 97.2

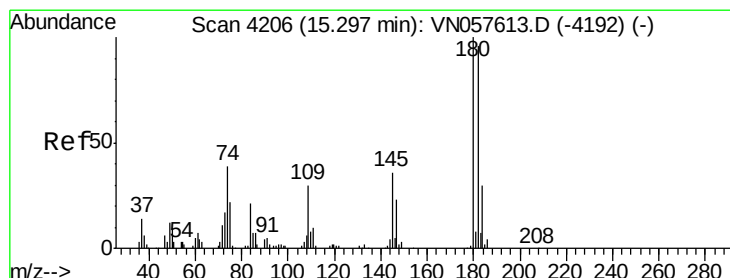
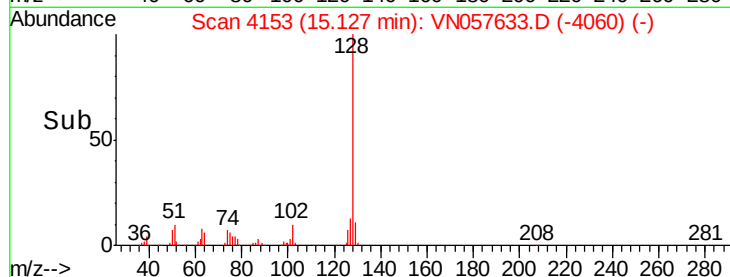
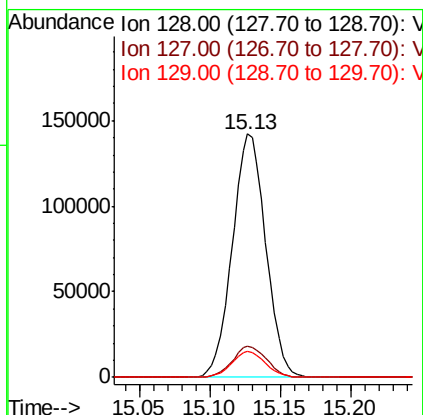
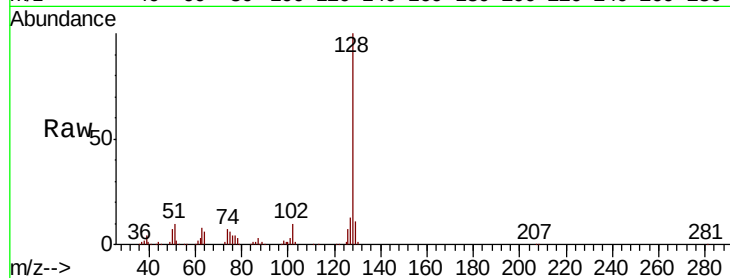




#95
Naphthalene
Concen: 41.544 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 235609
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 45.099 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN057633.D
Acq: 1 Sep 2019 10:26

Tgt Ion:180 Resp: 87732
Ion Ratio Lower Upper
180 100
182 91.4 46.3 138.9
145 33.2 17.8 53.3

