

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055862.D
 Acq On : 28 May 2019 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 05:40:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	372598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	523844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	185264	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.59	113	167575	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.09	98	637745	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	216173	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108646	43.326	ug/l	100
3) Chloromethane	2.06	50	153126	43.583	ug/l	98
4) Vinyl Chloride	2.18	62	164284	43.840	ug/l	100
5) Bromomethane	2.53	94	112284	47.894	ug/l	98
6) Chloroethane	2.68	64	104460	46.299	ug/l	99
7) Trichlorofluoromethane	3.00	101	226424	46.087	ug/l	100
8) Diethyl Ether	3.40	74	101027	45.880	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	142804	46.564	ug/l	98
10) Methyl Iodide	3.94	142	231019	51.524	ug/l	99
11) Tert butyl alcohol	4.82	59	171426	233.168	ug/l	99
12) 1,1-Dichloroethene	3.72	96	144865	45.716	ug/l	98
13) Acrolein	3.60	56	109810	208.591	ug/l	98
14) Allyl chloride	4.31	41	236850	43.600	ug/l	99
15) Acrylonitrile	4.99	53	406924	241.037	ug/l	99
16) Acetone	3.82	43	347201	205.268	ug/l	98
17) Carbon Disulfide	4.04	76	360148	40.003	ug/l	100
18) Methyl Acetate	4.33	43	172274	50.102	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	498029	47.124	ug/l	99
20) Methylene Chloride	4.54	84	170365	46.508	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	156025	45.831	ug/l	97
22) Diisopropyl ether	5.96	45	496367	46.979	ug/l	98
23) Vinyl Acetate	5.90	43	2114210	233.386	ug/l	100
24) 1,1-Dichloroethane	5.84	63	282951	45.996	ug/l	100
25) 2-Butanone	6.84	43	546658	231.414	ug/l	99
26) 2,2-Dichloropropane	6.82	77	217174	40.792	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	188490	47.457	ug/l	97
28) Bromochloromethane	7.19	49	138705	47.357	ug/l	95
29) Tetrahydrofuran	7.22	42	358074	239.363	ug/l	99
30) Chloroform	7.37	83	291832	47.569	ug/l	100
31) Cyclohexane	7.65	56	255246	44.194	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	254032	46.402	ug/l	99
36) 1,1-Dichloropropene	7.79	75	211319	46.291	ug/l	99
37) Ethyl Acetate	6.93	43	219451	49.738	ug/l	100
38) Carbon Tetrachloride	7.77	117	223258	46.951	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	266852	47.205	ug/l	99
40) Benzene	8.04	78	675140	49.071	ug/l	100
41) Methacrylonitrile	7.18	41	113069	50.725	ug/l	95
42) 1,2-Dichloroethane	8.12	62	216128	48.074	ug/l	100
43) Isopropyl Acetate	8.17	43	356672	48.113	ug/l #	92
44) Trichloroethene	8.83	130	196168	51.144	ug/l	96
45) 1,2-Dichloropropane	9.12	63	175743	49.027	ug/l	100
46) Dibromomethane	9.21	93	116153	49.409	ug/l	95
47) Bromodichloromethane	9.40	83	229257	47.559	ug/l	100
48) Methyl methacrylate	9.20	41	170747	49.976	ug/l	99
49) 1,4-Dioxane	9.20	88	71364	1005.143	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1097157	250.593	ug/l	99
52) Toluene	10.16	92	425919	49.222	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	244250	47.469	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	274702	48.192	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	174510	50.342	ug/l	99
56) Ethyl methacrylate	10.43	69	268407	50.101	ug/l	100
57) 1,3-Dichloropropane	10.71	76	280210	49.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	489077	238.882	ug/l	99
59) 2-Hexanone	10.75	43	754560	242.940	ug/l	99
60) Dibromochloromethane	10.90	129	196333	48.618	ug/l	100
61) 1,2-Dibromoethane	11.00	107	180379	50.167	ug/l	99
64) Tetrachloroethene	10.63	164	195803	49.442	ug/l	99
65) Chlorobenzene	11.43	112	469567	49.955	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	180349	48.106	ug/l	100
67) Ethyl Benzene	11.51	91	817190	48.479	ug/l	99
68) m/p-Xylenes	11.62	106	629451	98.774	ug/l	98
69) o-Xylene	11.95	106	310815	49.160	ug/l	98
70) Styrene	11.96	104	518486	50.640	ug/l	99
71) Bromoform	12.13	173	150436	47.044	ug/l #	99
73) Isopropylbenzene	12.25	105	813381	53.421	ug/l	99
74) N-amyl acetate	12.07	43	287137	49.340	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	238829	52.978	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	287358	79.562	ug/l #	100
77) Bromobenzene	12.53	156	224022	48.879	ug/l	93
78) n-propylbenzene	12.59	91	866717	46.430	ug/l	99
79) 2-Chlorotoluene	12.67	91	522772	52.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	666619	51.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	68066	42.640	ug/l	97
82) 4-Chlorotoluene	12.77	91	509965	46.474	ug/l	99
83) tert-Butylbenzene	12.99	119	591956	53.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	659671	51.448	ug/l	99
85) sec-Butylbenzene	13.17	105	760121	52.700	ug/l	99
86) p-Isopropyltoluene	13.29	119	693554	46.499	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	349288	48.130	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	334753	48.517	ug/l	99
89) n-Butylbenzene	13.61	91	534038	46.729	ug/l	99
90) Hexachloroethane	13.87	117	123610	43.540	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	344706	47.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40920	42.999	ug/l	93

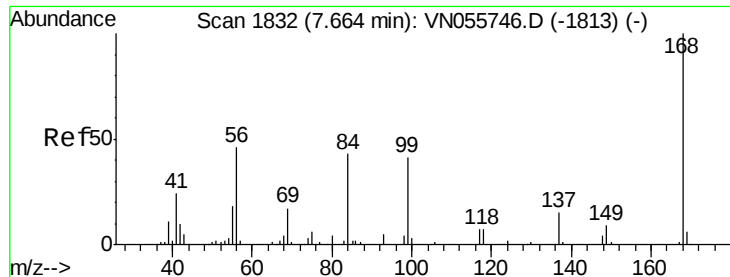
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	189328	45.780	ug/l	98
94) Hexachlorobutadiene	15.01	225	131113	51.510	ug/l	99
95) Naphthalene	15.13	128	511468	51.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	197076	51.491	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

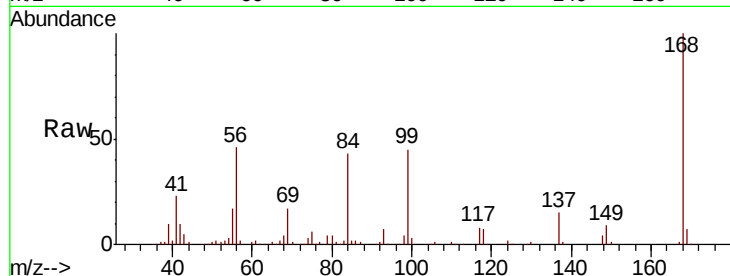
VSTDCCC050EC

Tot Ion:168 Resp: 372598

Ion Ratio Lower Upper

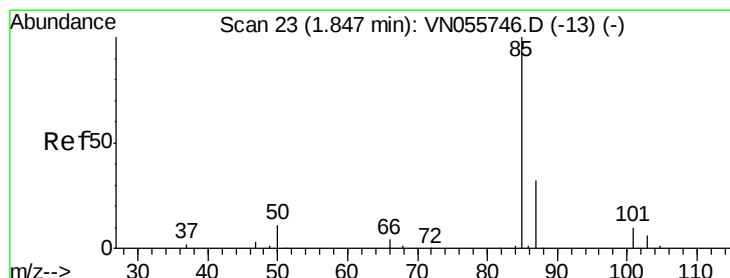
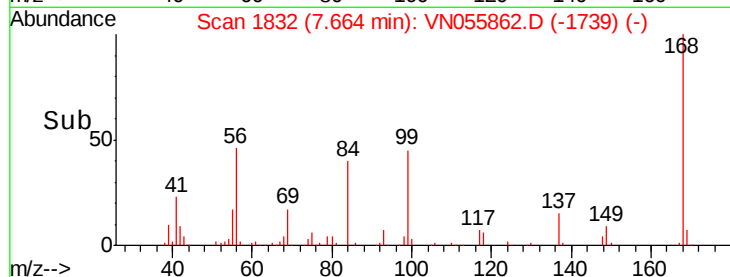
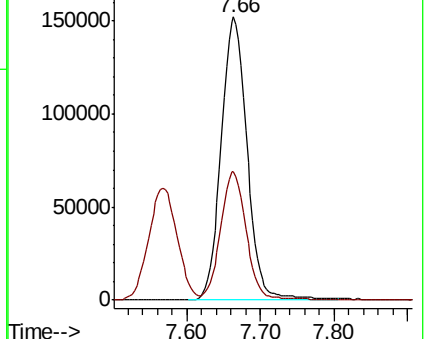
168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 43.326 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055862.D

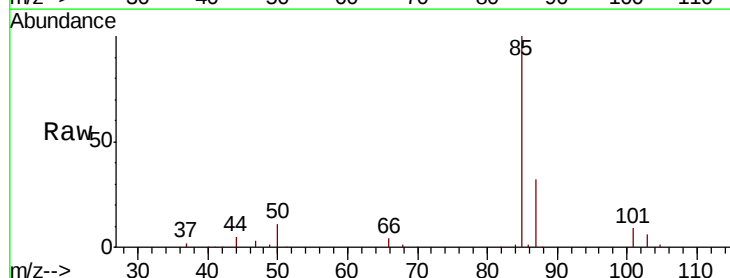
Acq: 28 May 2019 19:07

Tgt Ion: 85 Resp: 108646

Ion Ratio Lower Upper

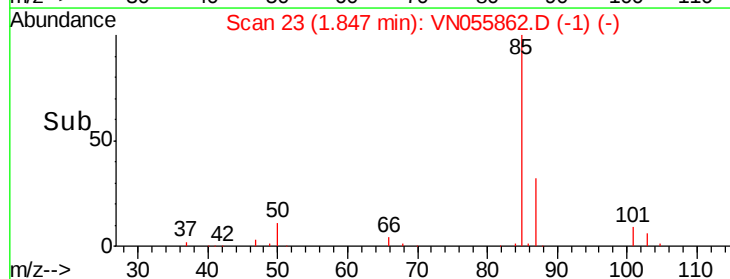
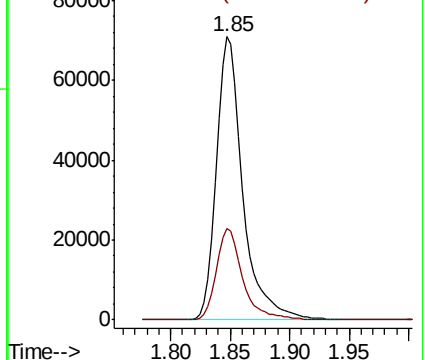
85 100

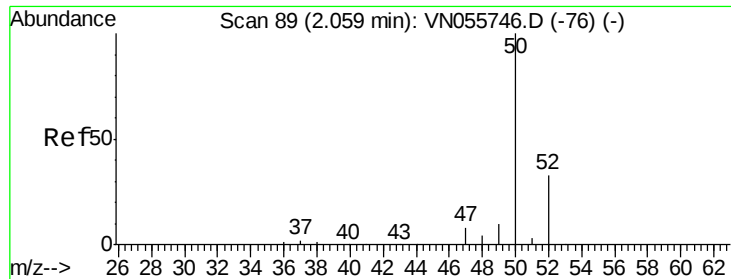
87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.583 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

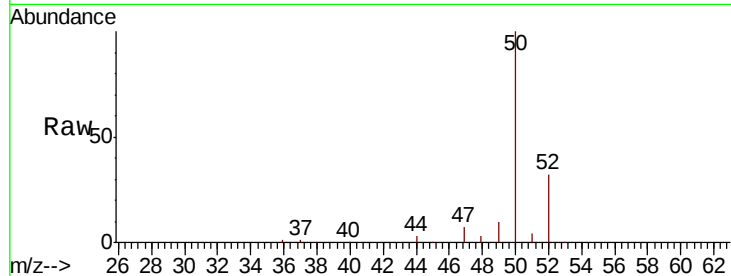
VSTDCCC050EC

Tot Ion: 50 Resp: 153126

Ion Ratio Lower Upper

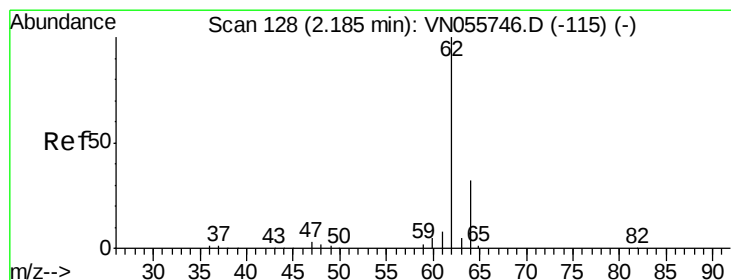
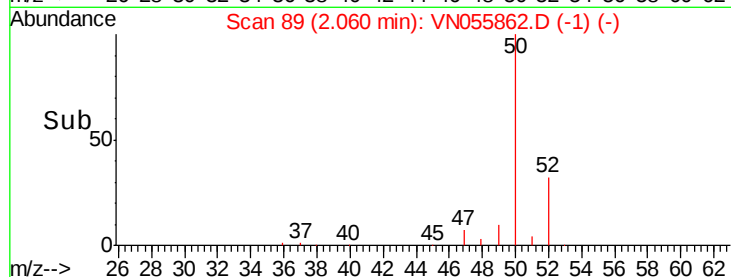
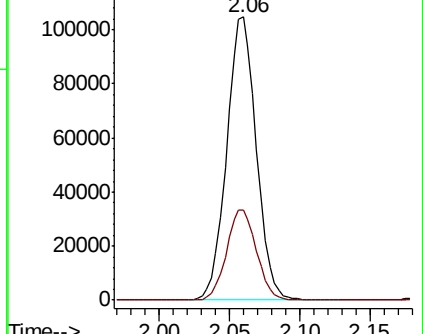
50 100

52 31.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN055746.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN055746.D (-76) (-)



#4

Vinyl Chloride

Concen: 43.840 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055862.D

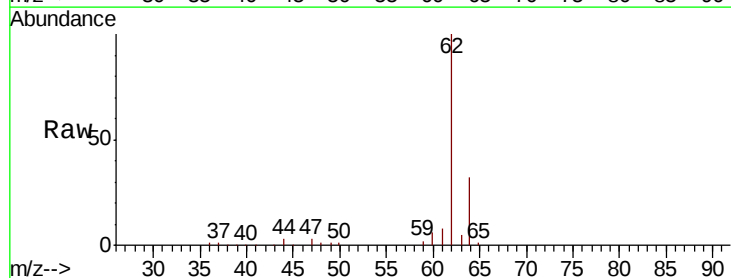
Acq: 28 May 2019 19:07

Tgt Ion: 62 Resp: 164284

Ion Ratio Lower Upper

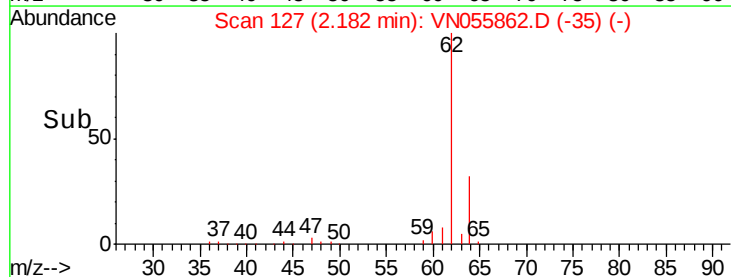
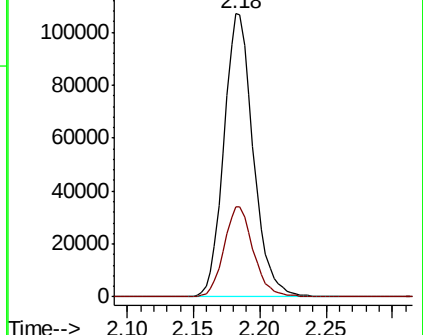
62 100

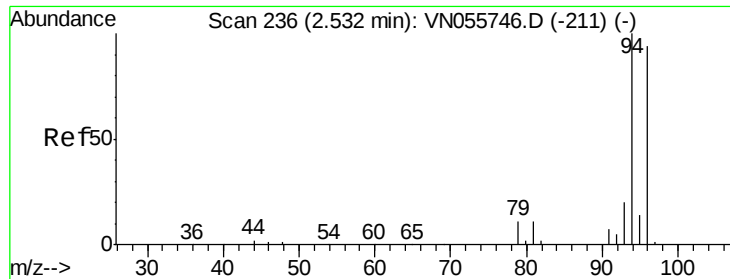
64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN055746.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055746.D (-115) (-)

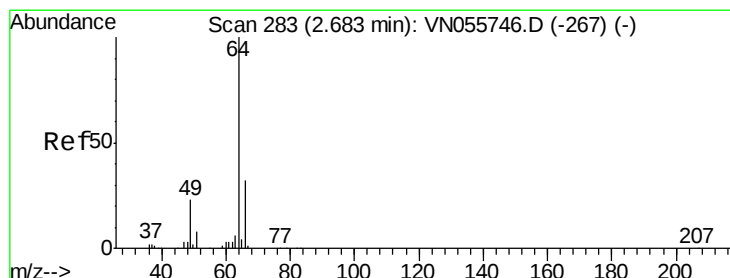
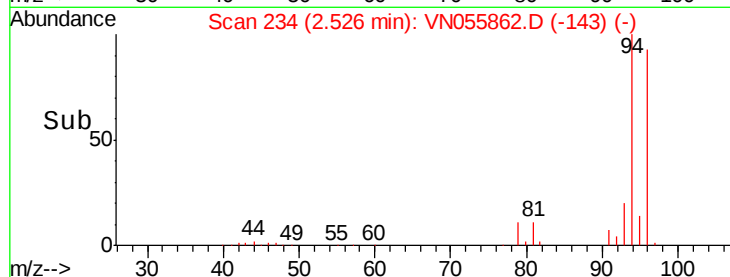
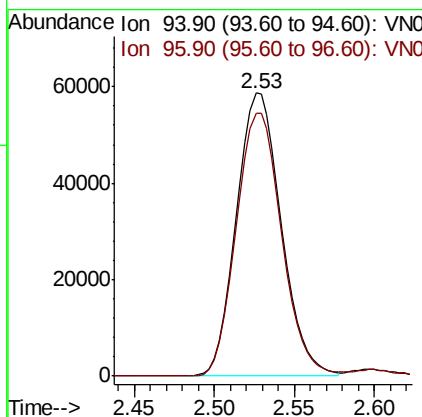
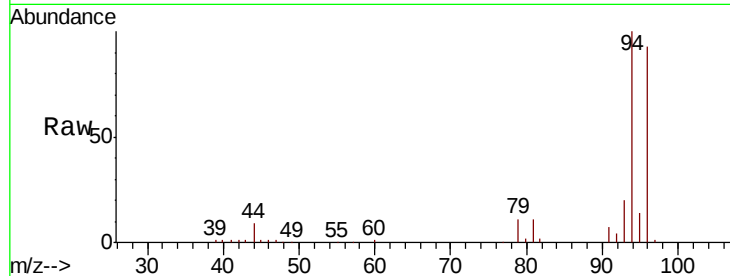




#5
Bromomethane
Concen: 47.894 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

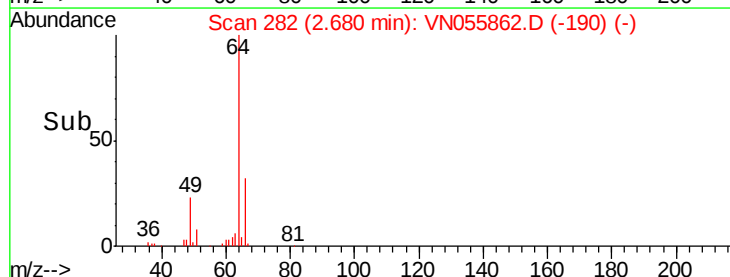
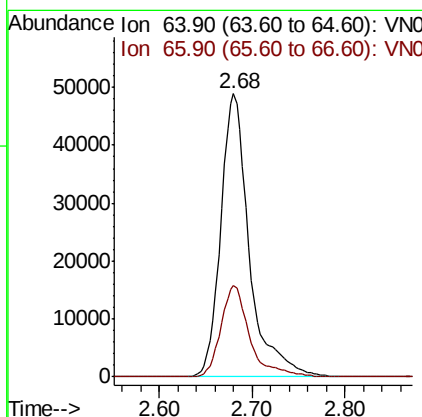
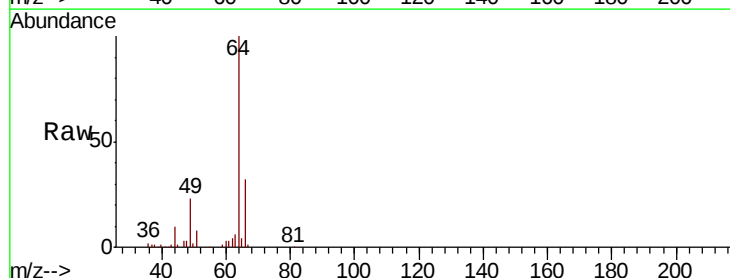
Instrument :
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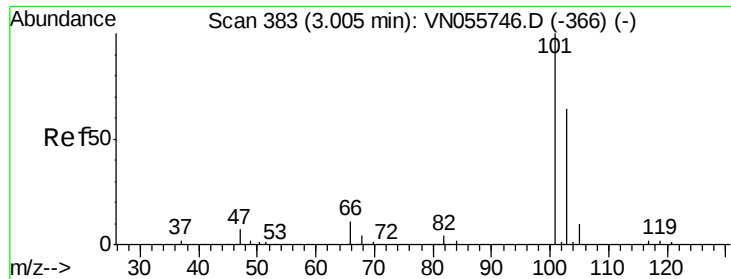
Tot Ion: 94 Resp: 112284
Ion Ratio Lower Upper
94 100
96 92.9 75.5 113.3



#6
Chloroethane
Concen: 46.299 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 64 Resp: 104460
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0



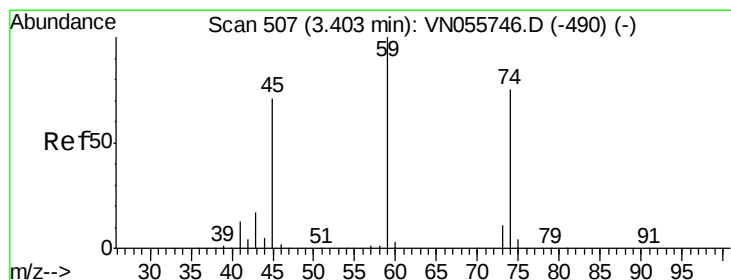
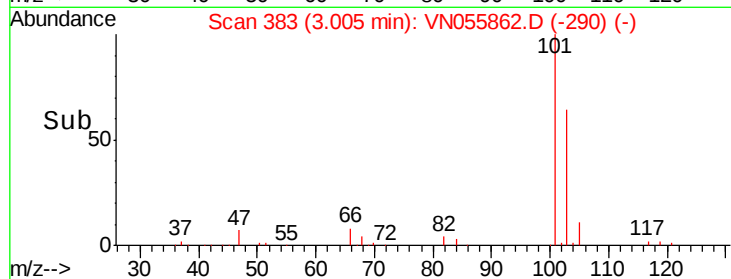
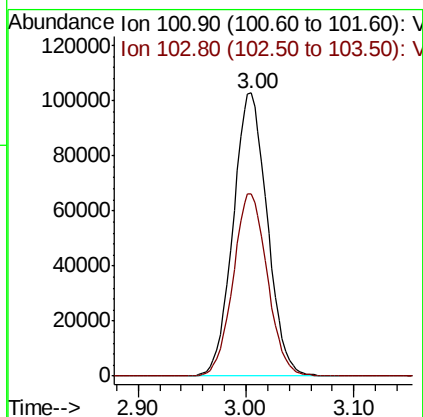
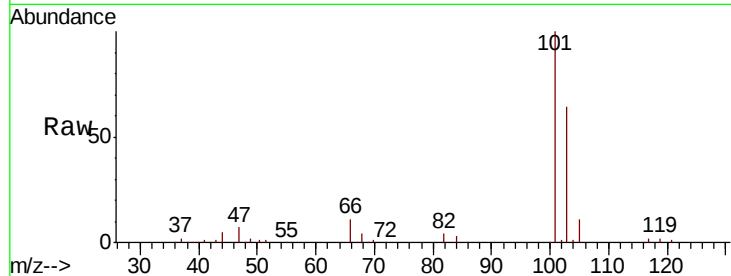


#7

Trichlorofluoromethane
 Concen: 46.087 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Instrument :
 MSVOA_N
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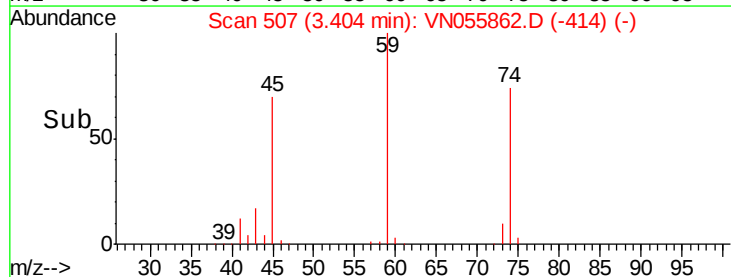
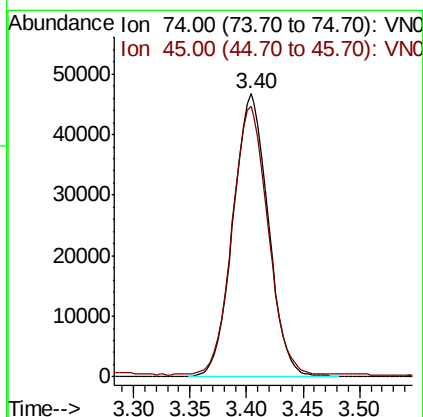
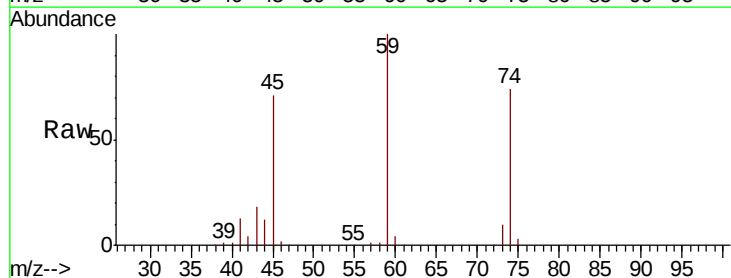
Tot Ion:101 Resp: 226424
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.2 76.8

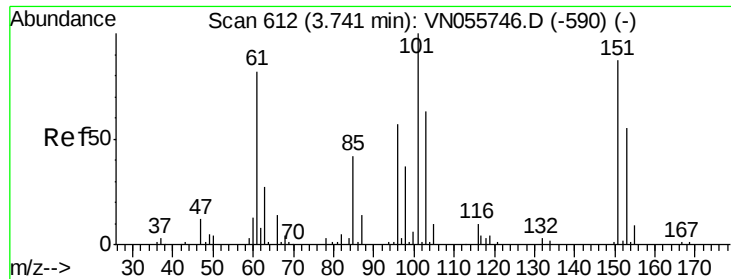


#8

Diethyl Ether
 Concen: 45.880 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 74 Resp: 101027
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.564 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

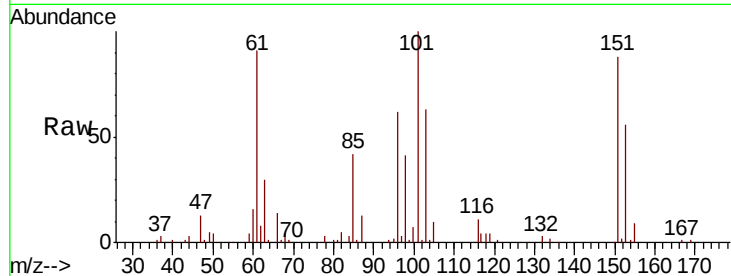
Tot Ion:101 Resp: 142804

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

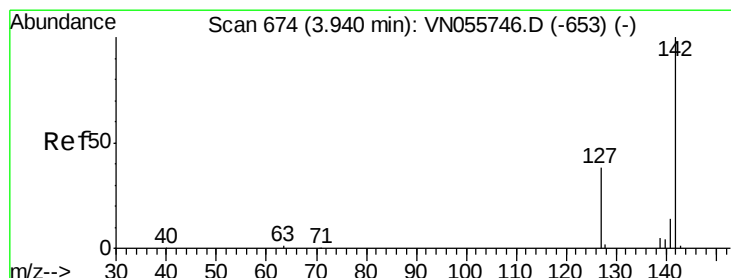
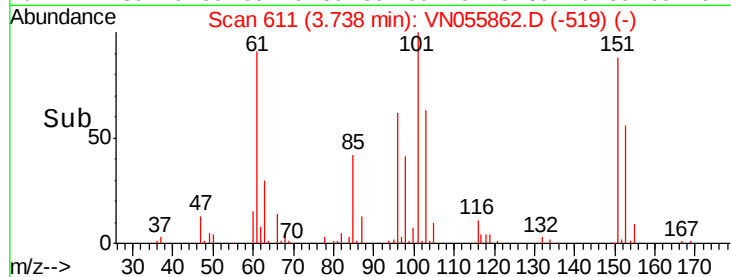
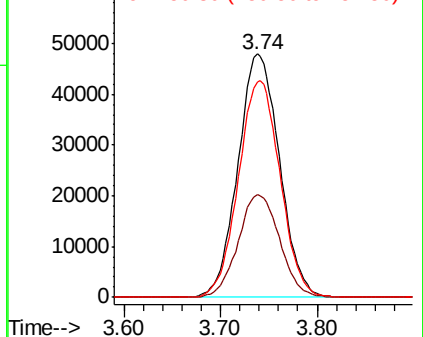
151 89.4 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.524 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

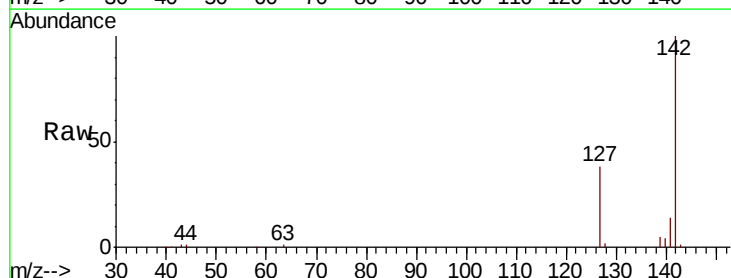
Tgt Ion:142 Resp: 231019

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

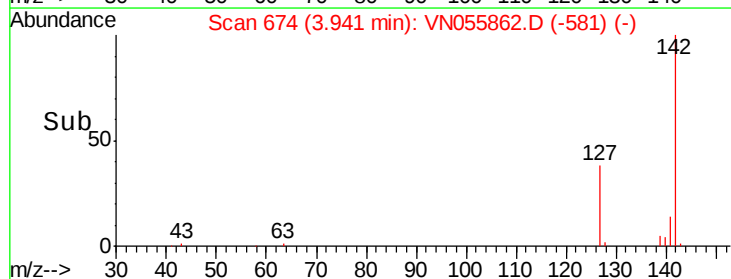
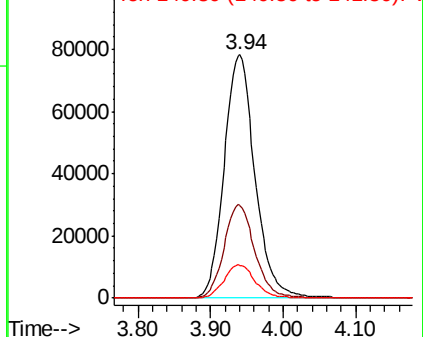
141 13.8 11.4 17.0

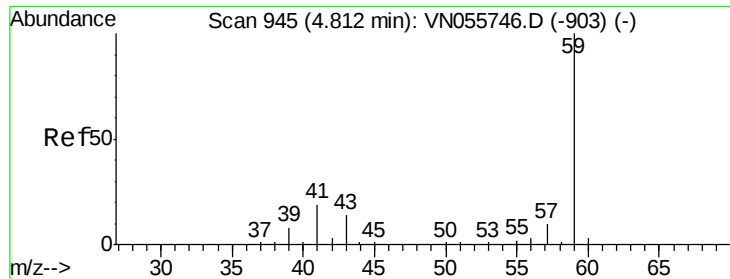


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

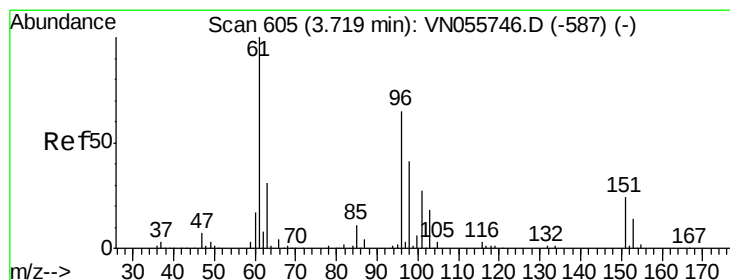
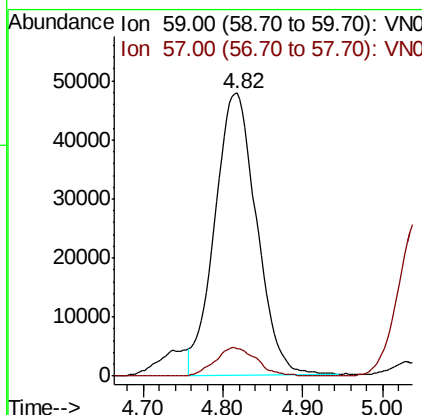
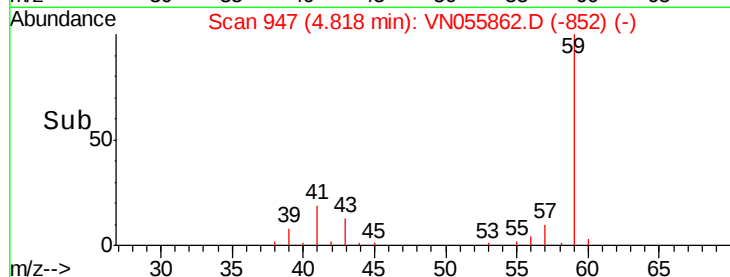
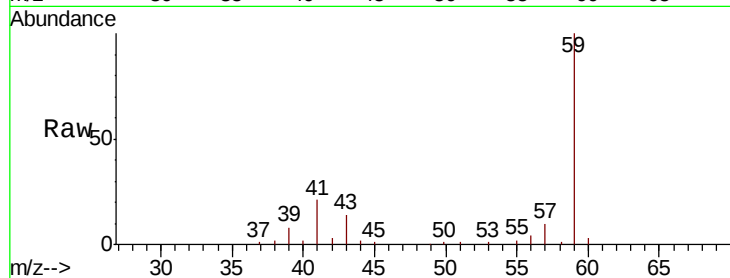




#11
Tert butyl alcohol
Concen: 233.168 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

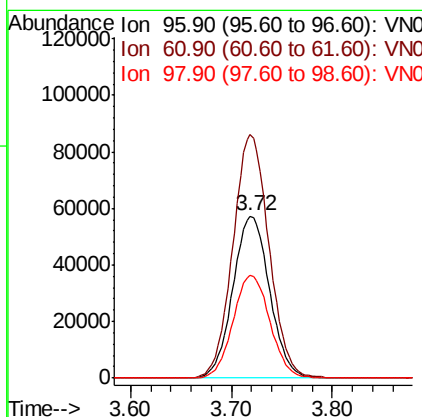
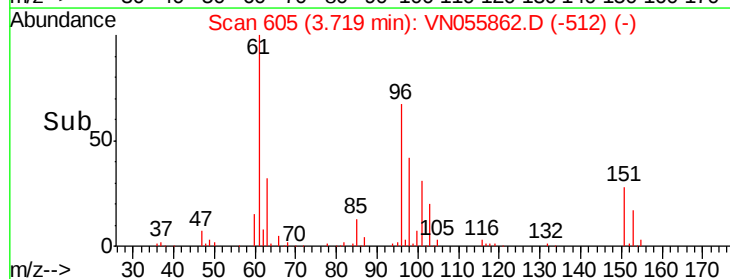
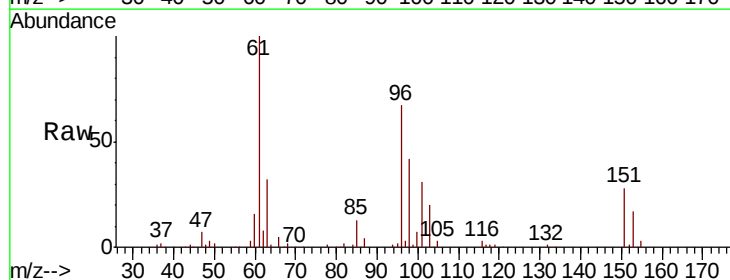
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

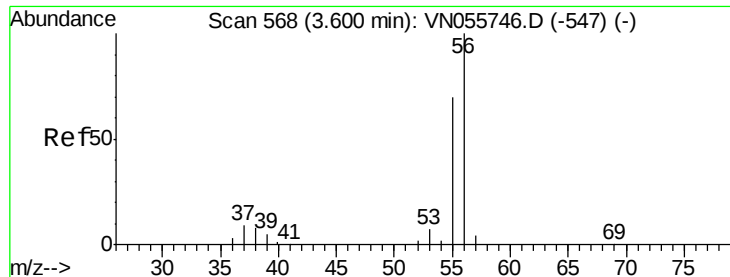
Tot Ion: 59 Resp: 171426
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6



#12
1,1-Dichloroethene
Concen: 45.716 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 96 Resp: 144865
Ion Ratio Lower Upper
96 100
61 150.2 123.2 184.8
98 63.4 50.4 75.6





#13

Acrolein

Concen: 208.591 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

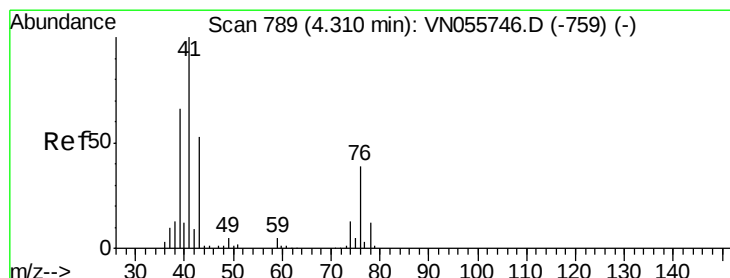
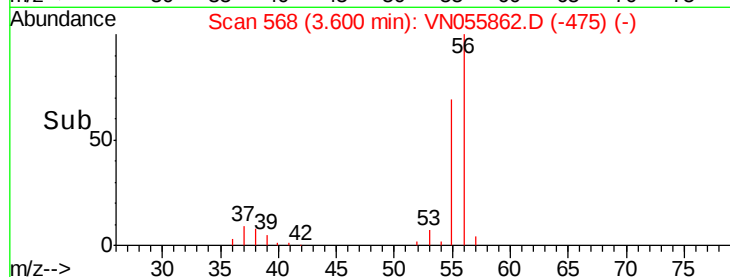
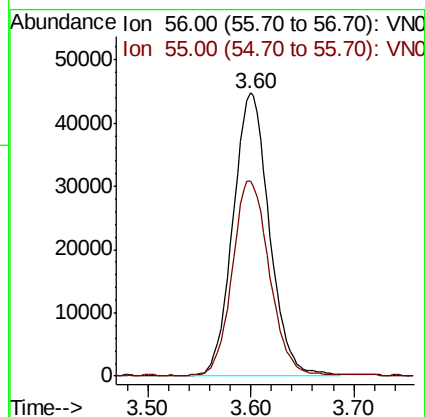
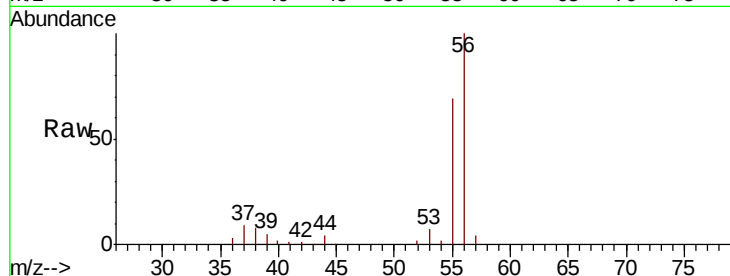
VSTDCCC050EC

Tot Ion: 56 Resp: 109810

Ion Ratio Lower Upper

56 100

55 71.3 55.4 83.2



#14

Allyl chloride

Concen: 43.600 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

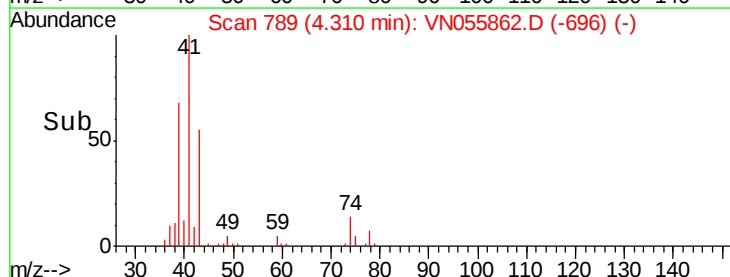
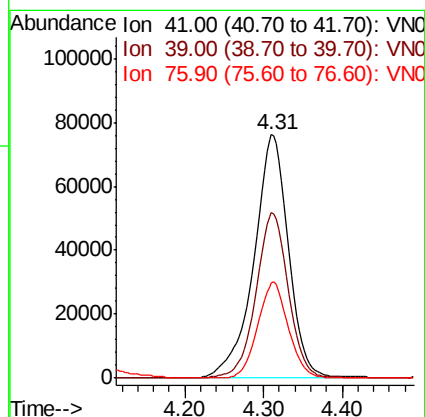
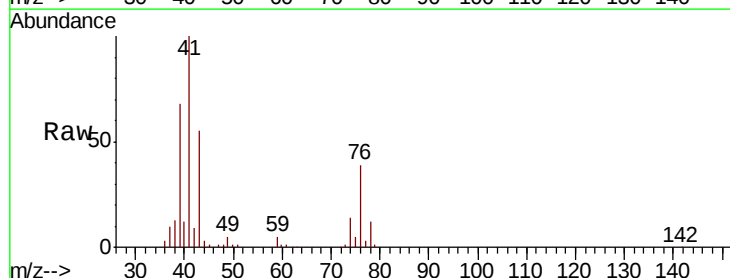
Tgt Ion: 41 Resp: 236850

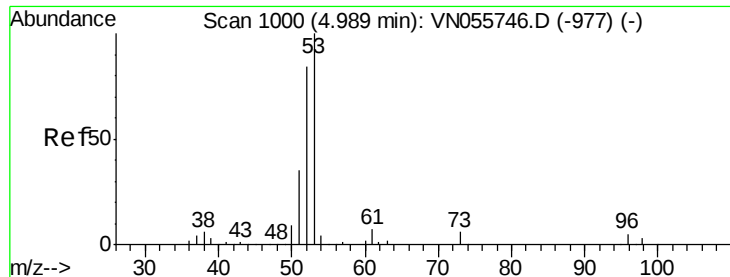
Ion Ratio Lower Upper

41 100

39 63.9 50.0 75.0

76 34.9 28.2 42.2





#15

Acrylonitrile

Concen: 241.037 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

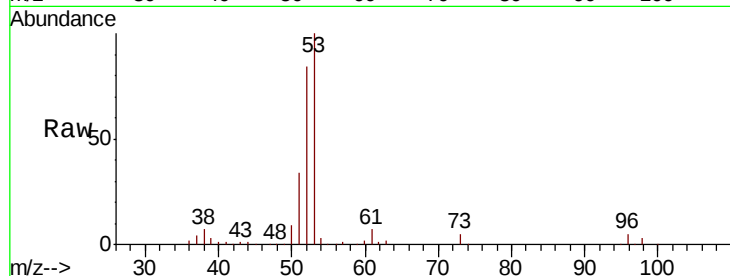
Tot Ion: 53 Resp: 406924

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.8

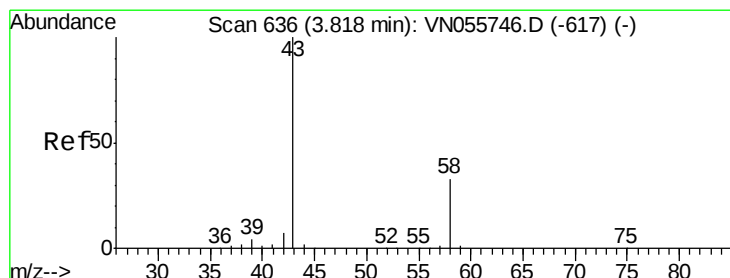
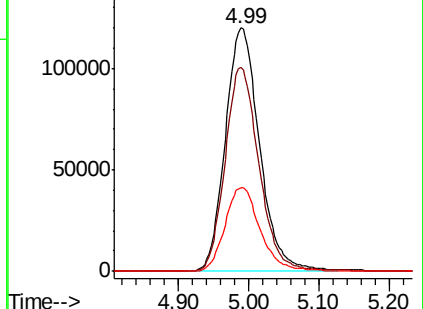
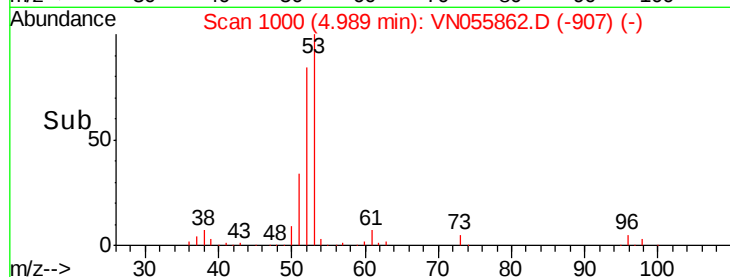
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055862.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055862.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055862.D (-907) (-)



#16

Acetone

Concen: 205.268 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055862.D

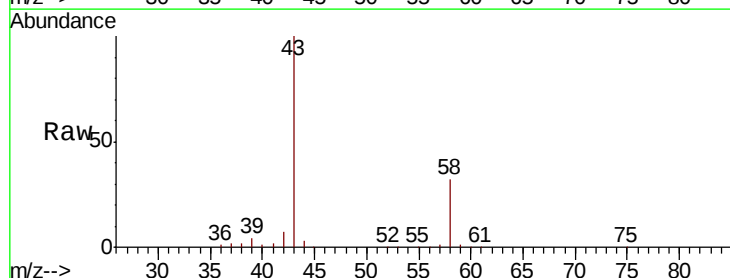
Acq: 28 May 2019 19:07

Tgt Ion: 43 Resp: 347201

Ion Ratio Lower Upper

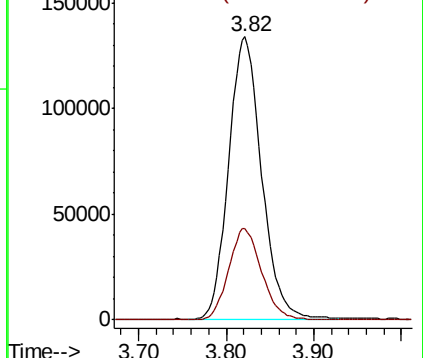
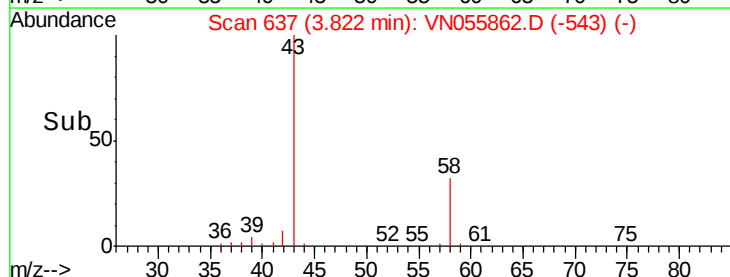
43 100

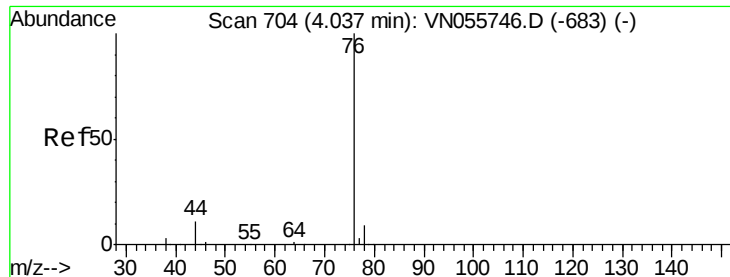
58 32.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055862.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055862.D (-543) (-)

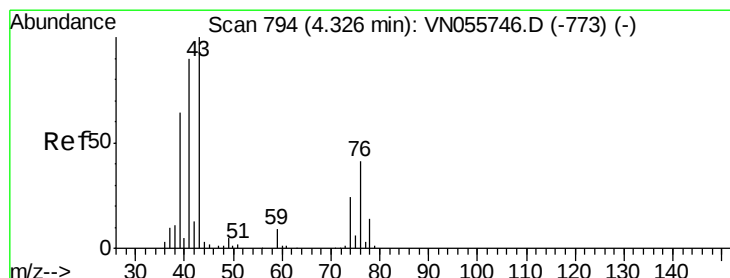
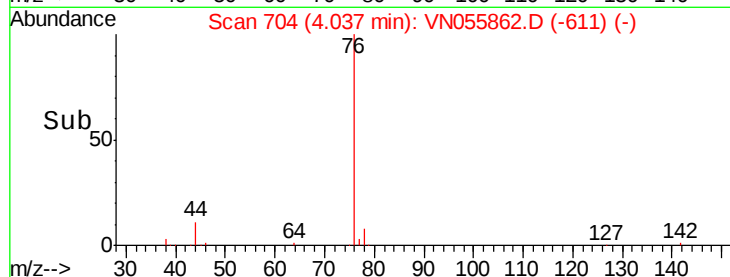
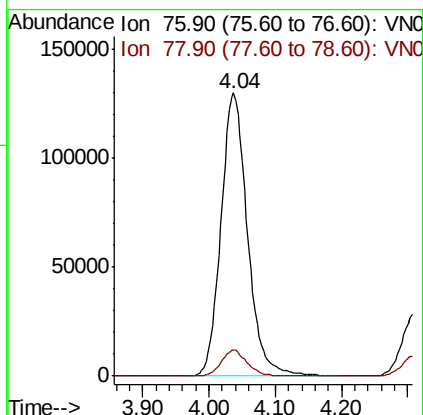
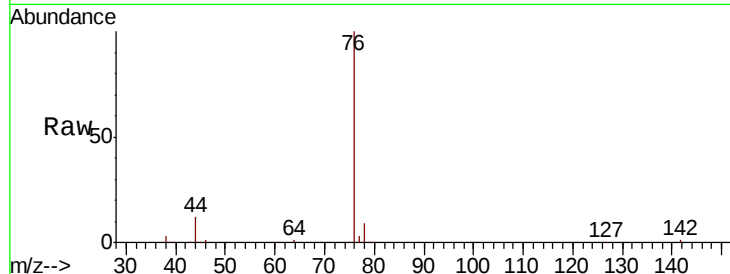




#17
Carbon Disulfide
Concen: 40.003 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

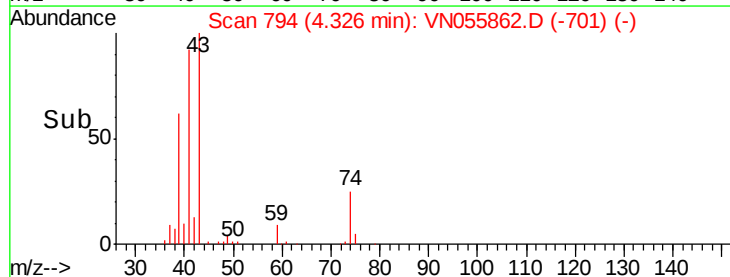
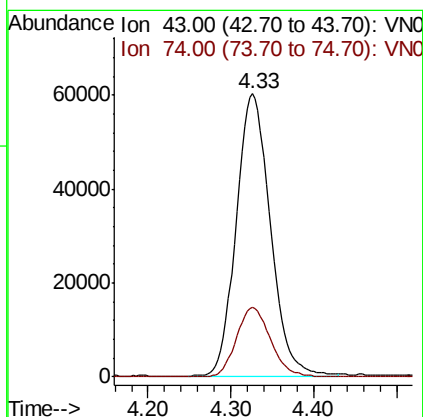
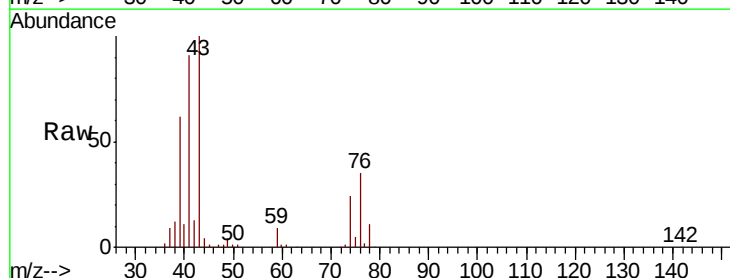
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

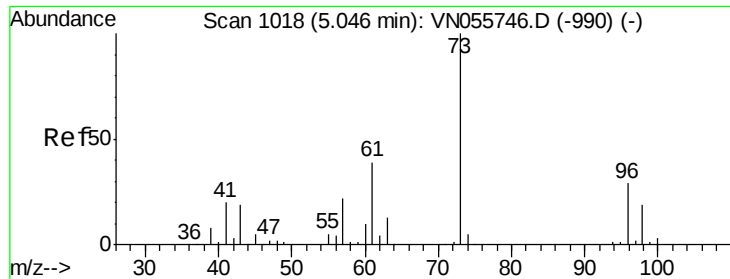
Tot Ion: 76 Resp: 360148
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 50.102 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 43 Resp: 172274
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9



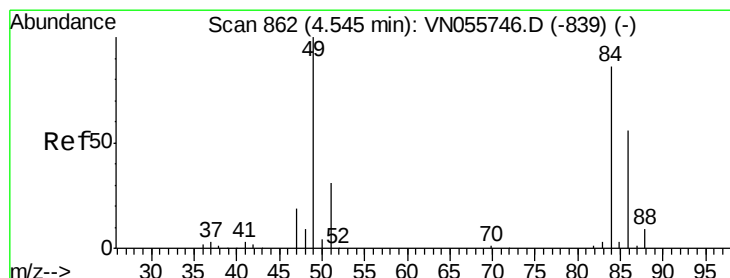
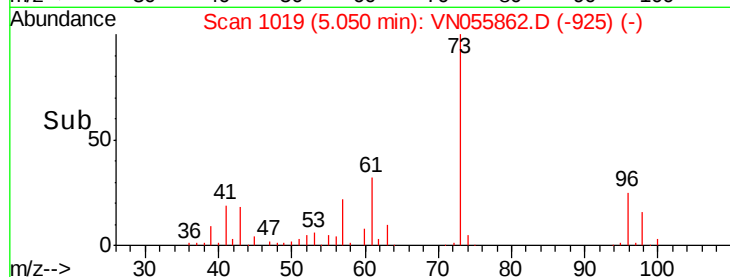
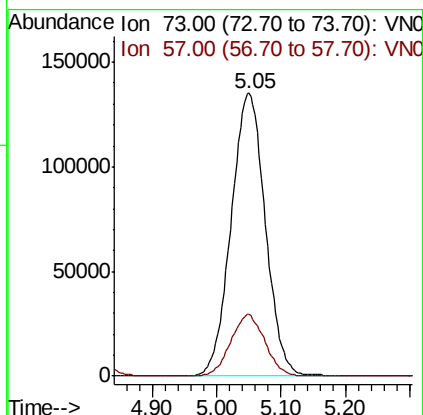
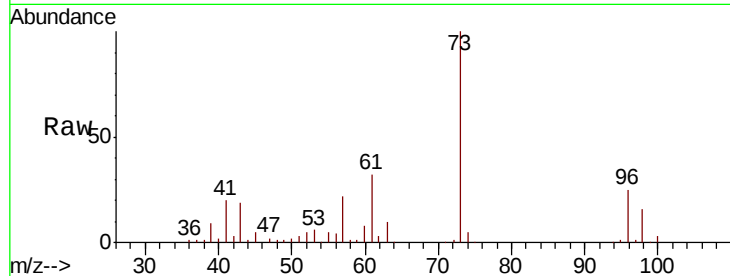


#19

Methyl tert-butyl Ether
 Concen: 47.124 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

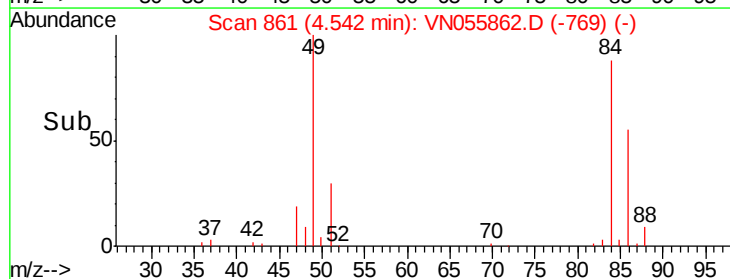
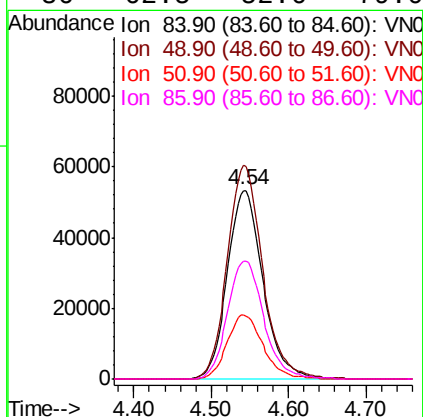
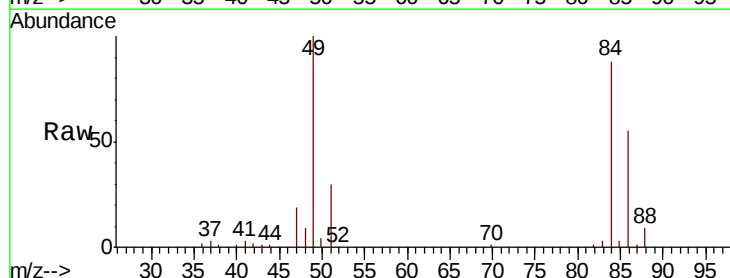
Tot Ion: 73 Resp: 498029
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.8 26.8

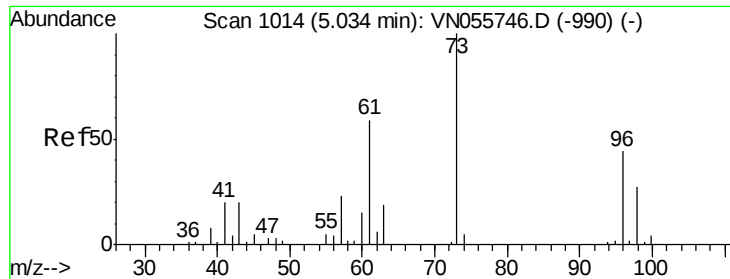


#20

Methylene Chloride
 Concen: 46.508 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 84 Resp: 170365
 Ion Ratio Lower Upper
 84 100
 49 113.2 93.5 140.3
 51 34.1 28.6 43.0
 86 62.5 52.6 79.0

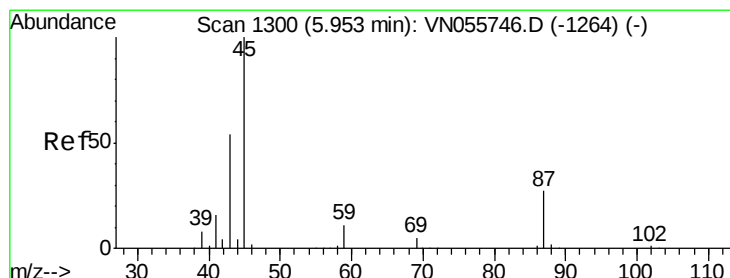
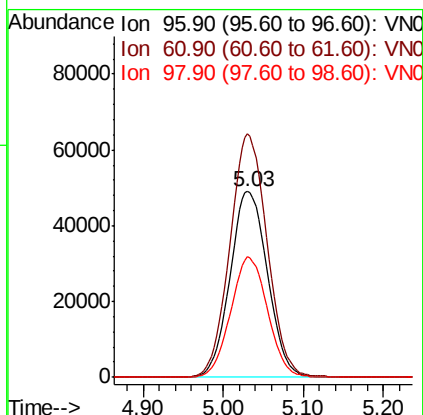
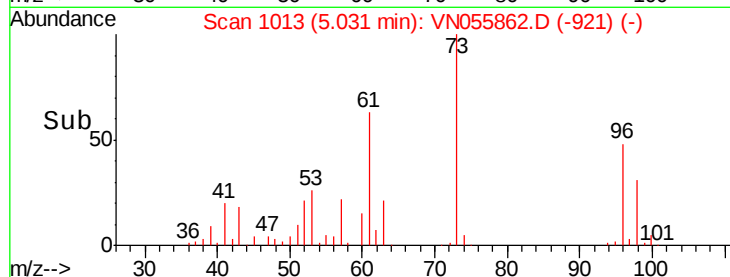
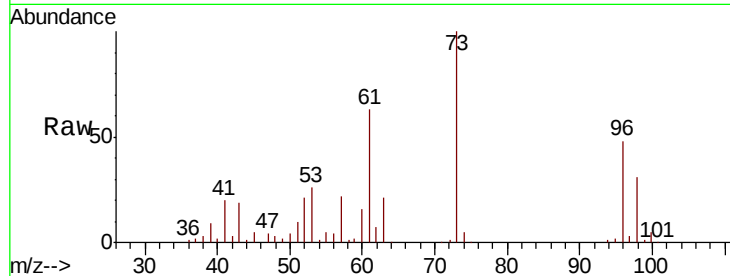




#21
trans-1,2-Dichloroethene
Concen: 45.831 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

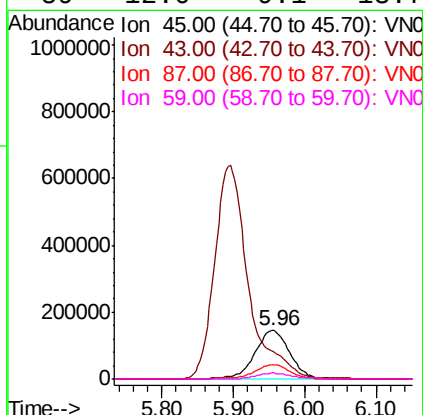
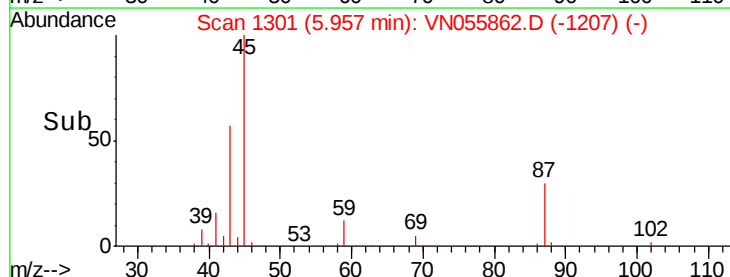
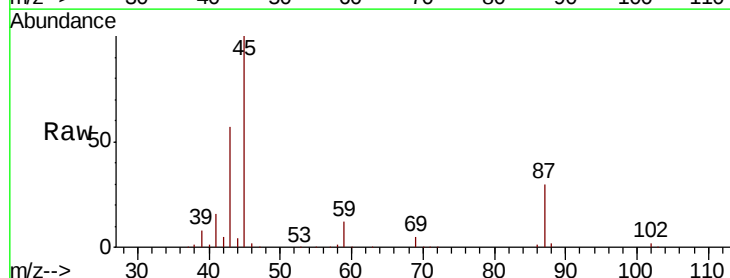
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

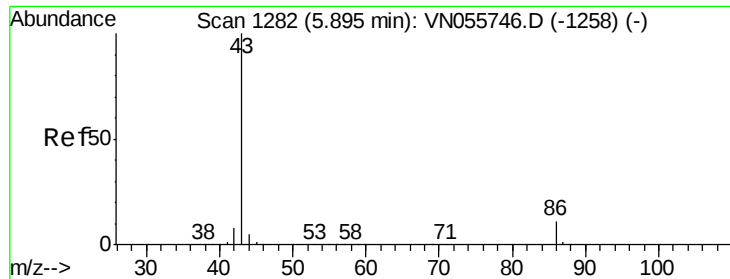
Tot Ion: 96 Resp: 156025
Ion Ratio Lower Upper
96 100
61 131.1 107.8 161.8
98 64.7 49.8 74.8



#22
Diisopropyl ether
Concen: 46.979 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 45 Resp: 496367
Ion Ratio Lower Upper
45 100
43 55.0 45.0 67.6
87 29.7 22.2 33.4
59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 233.386 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

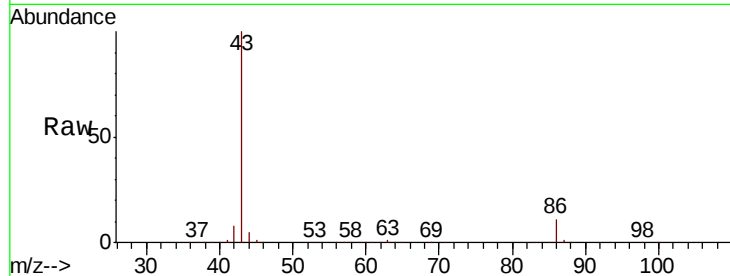
VSTDCCC050EC

Tot Ion: 43 Resp: 2114210

Ion Ratio Lower Upper

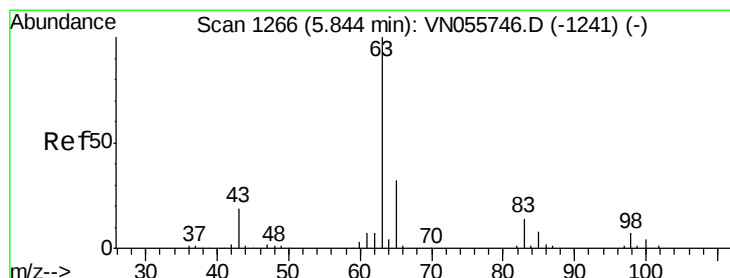
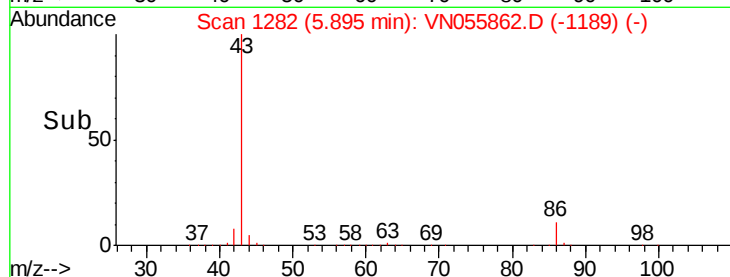
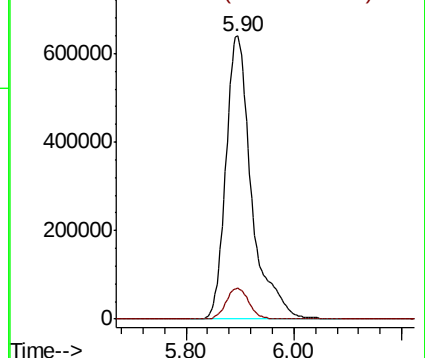
43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 45.996 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

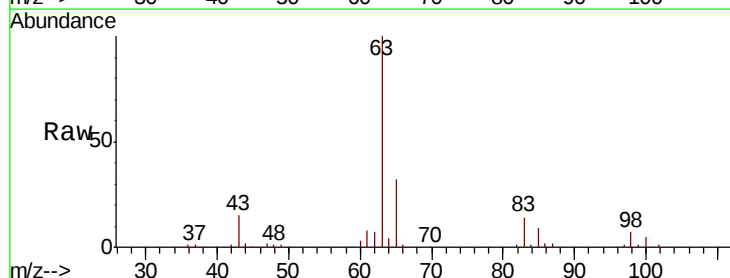
Tgt Ion: 63 Resp: 282951

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

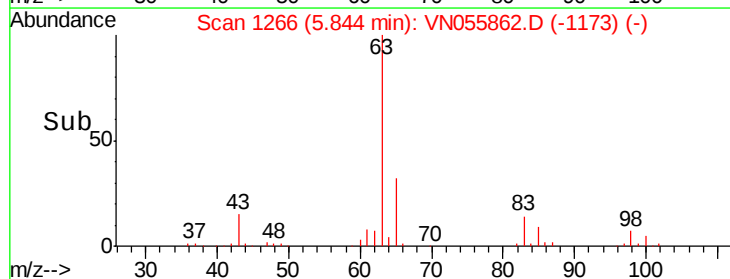
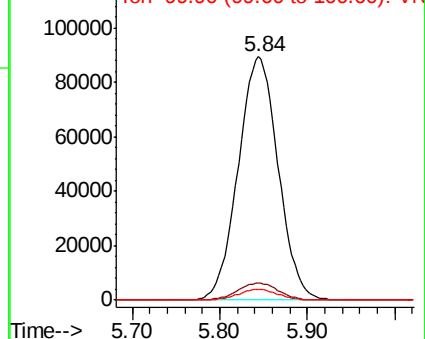
100 4.6 2.2 6.6

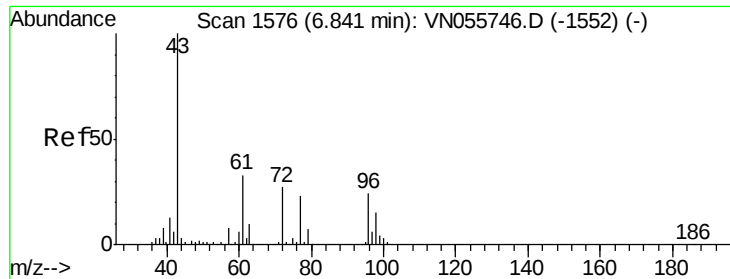


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 231.414 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

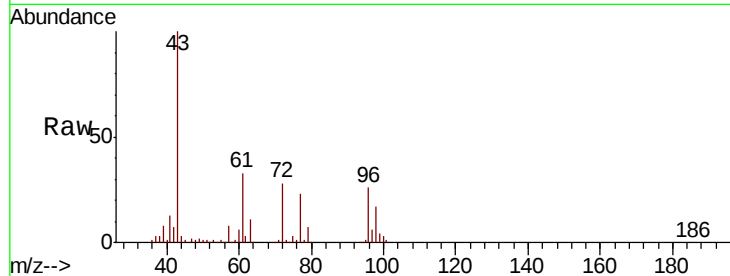
VSTDCCC050EC

Tot Ion: 43 Resp: 546658

Ion Ratio Lower Upper

43 100

72 27.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

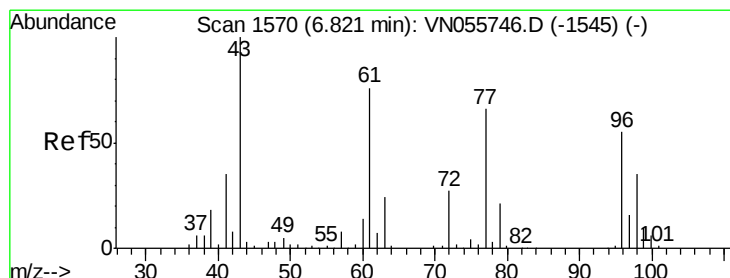
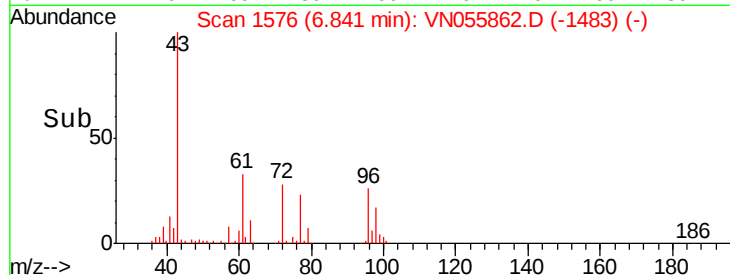
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 40.792 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055862.D

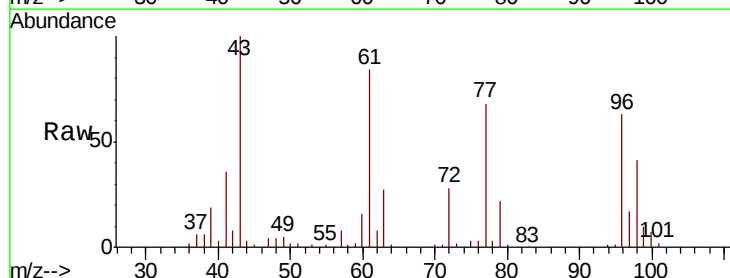
Acq: 28 May 2019 19:07

Tgt Ion: 77 Resp: 217174

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

80000

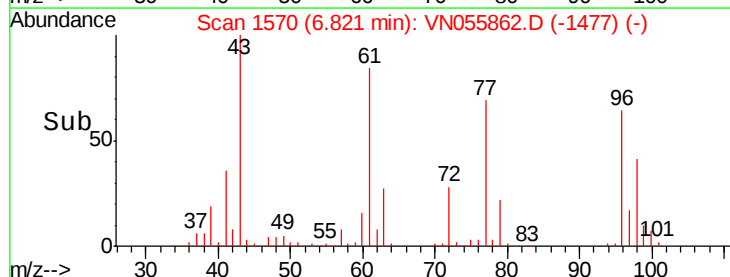
60000

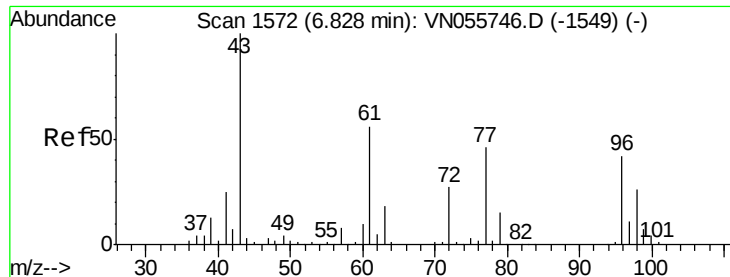
40000

20000

0

Time-->

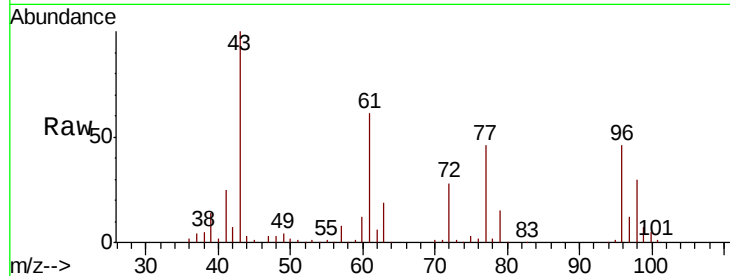




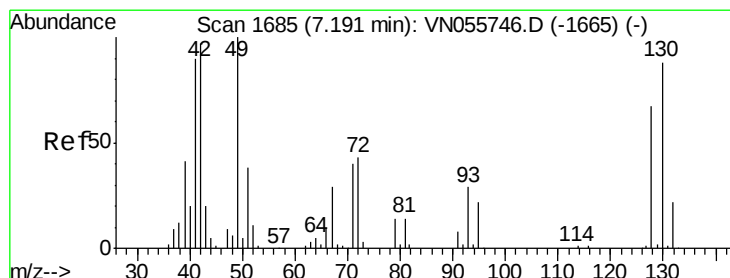
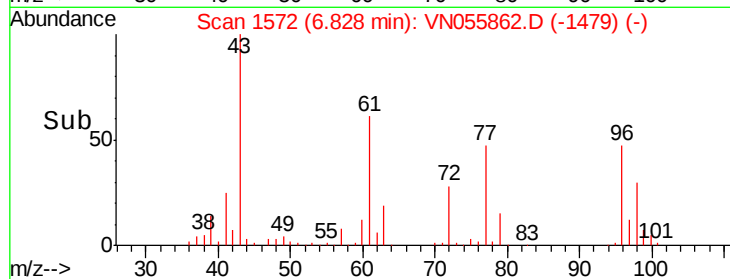
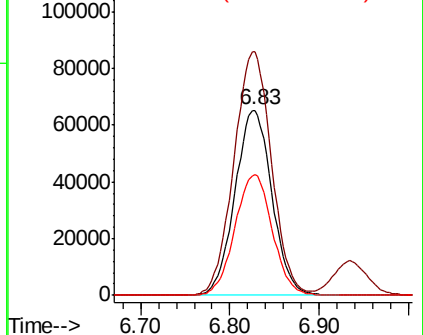
#27
 cis-1,2-Dichloroethene
 Concen: 47.457 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 188490
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 275.8
 98 65.9 0.0 128.4

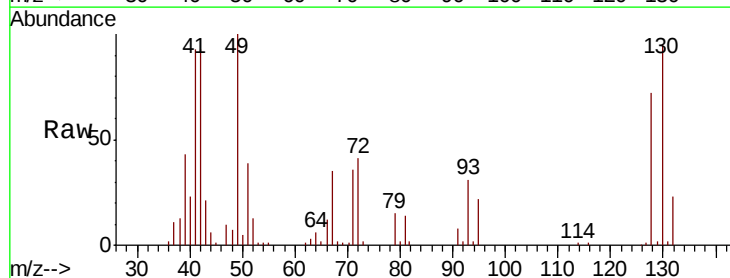


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

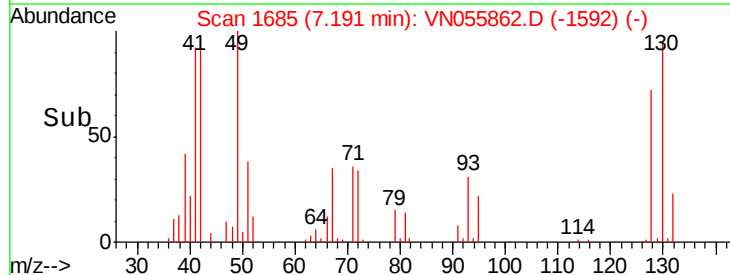
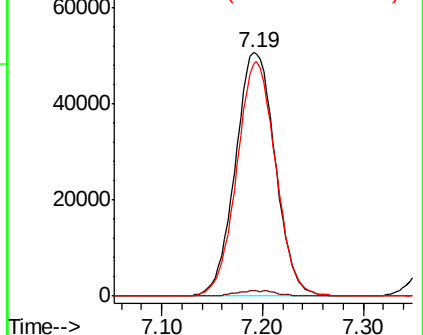


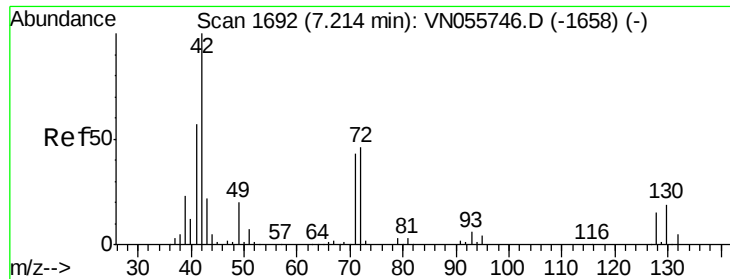
#28
 Bromochloromethane
 Concen: 47.357 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 49 Resp: 138705
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 93.7 71.2 106.8



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

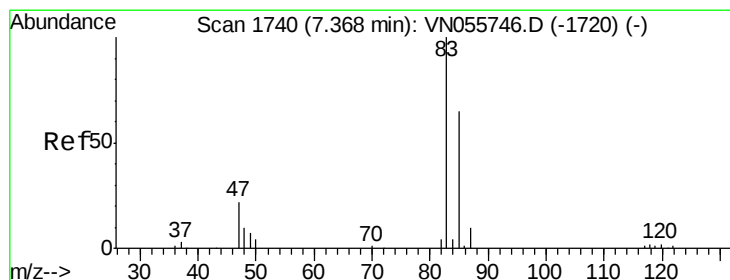
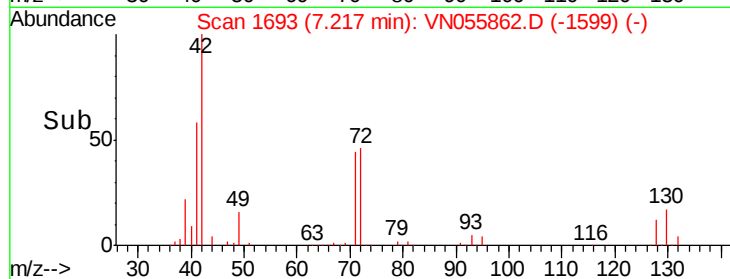
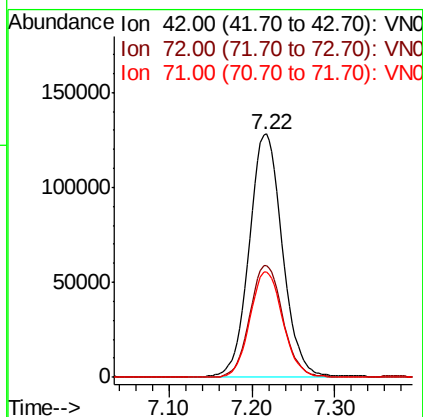
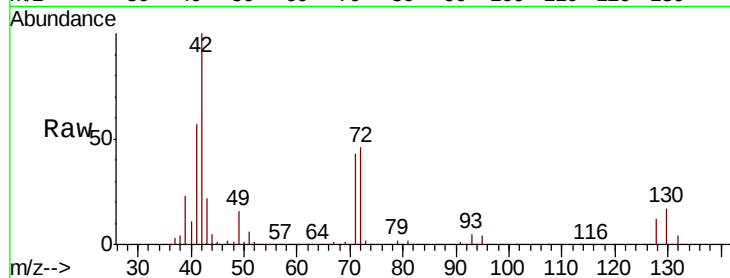




#29
Tetrahydrofuran
Concen: 239.363 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

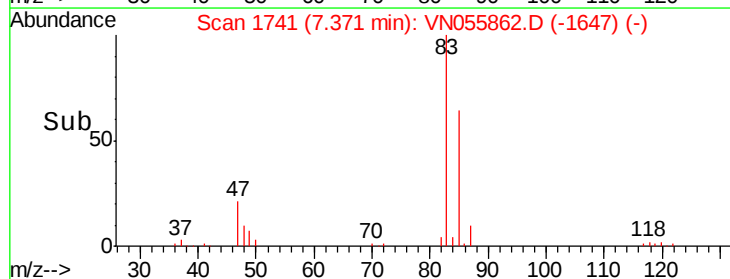
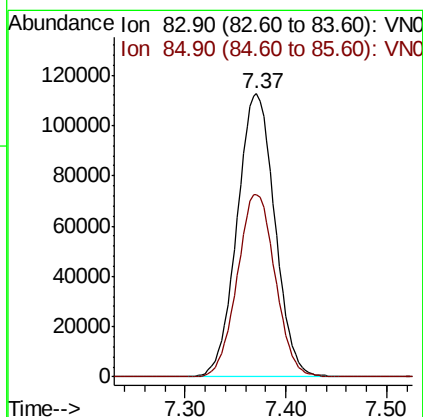
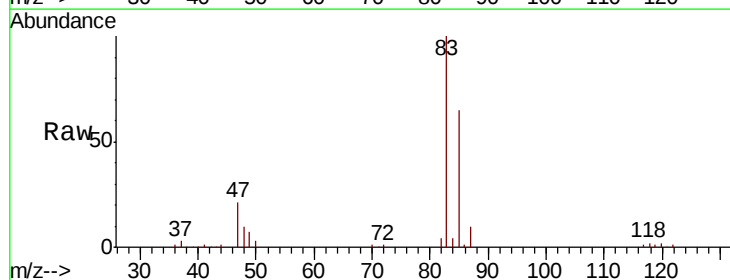
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

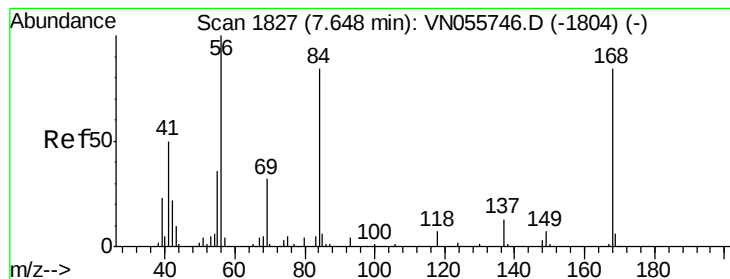
Tot Ion: 42 Resp: 358074
Ion Ratio Lower Upper
42 100
72 45.7 35.9 53.9
71 43.0 34.0 51.0



#30
Chloroform
Concen: 47.569 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 83 Resp: 291832
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8





#31

Cyclohexane

Concen: 44.194 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

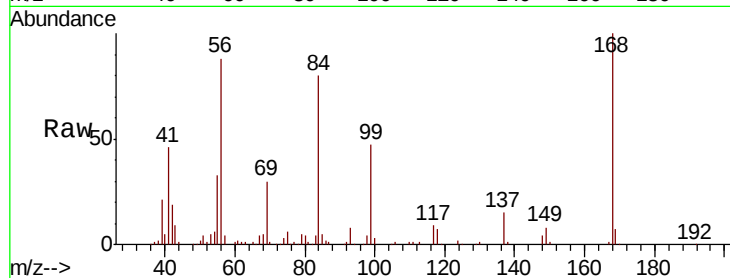
Tot Ion: 56 Resp: 255246

Ion Ratio Lower Upper

56 100

69 34.2 25.6 38.4

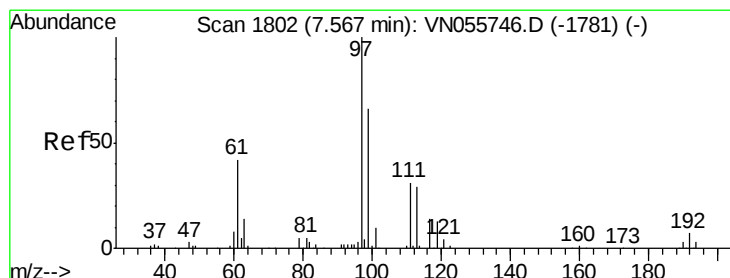
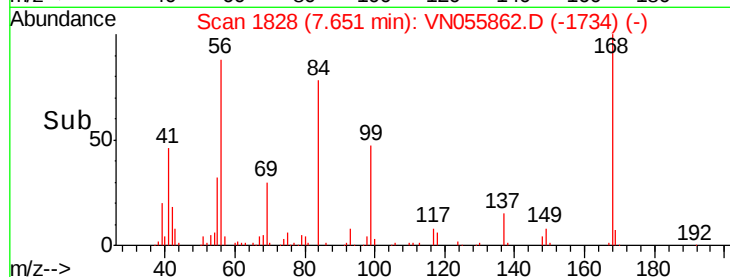
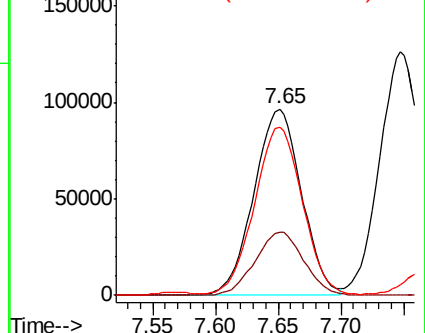
84 89.4 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.402 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

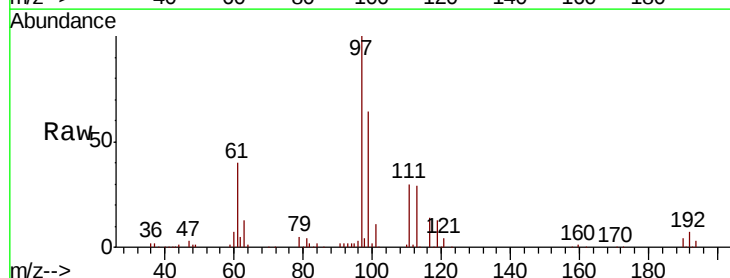
Tgt Ion: 97 Resp: 254032

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

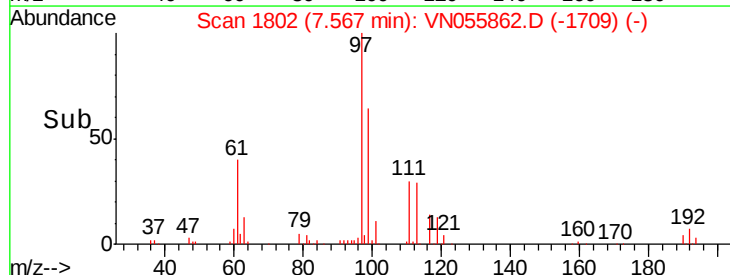
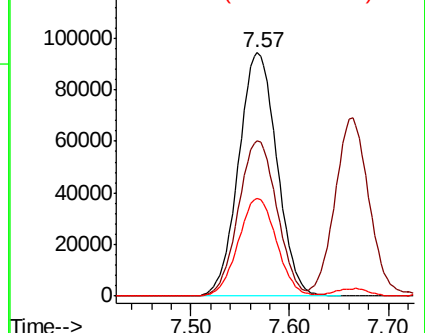
61 40.1 32.9 49.3

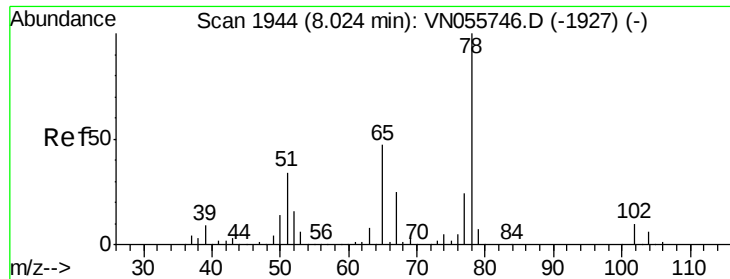


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

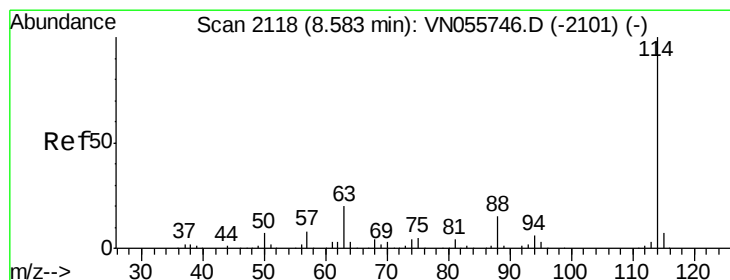
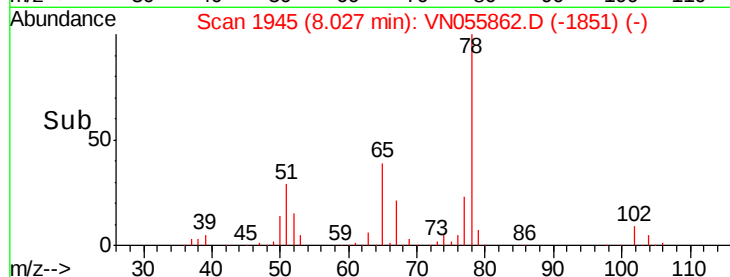
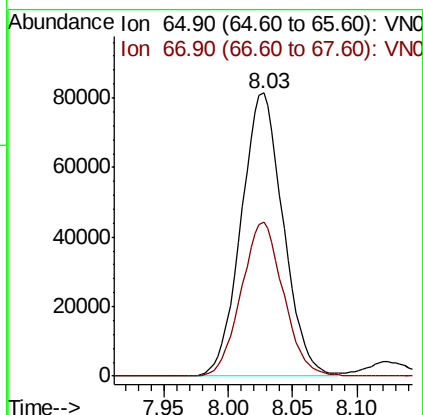
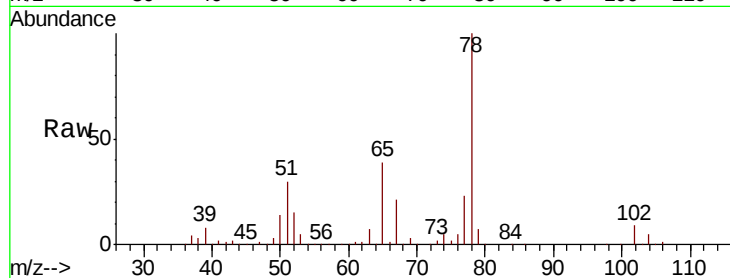




#33
 1,2-Dichloroethane-d4
 Concen: 48.147 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

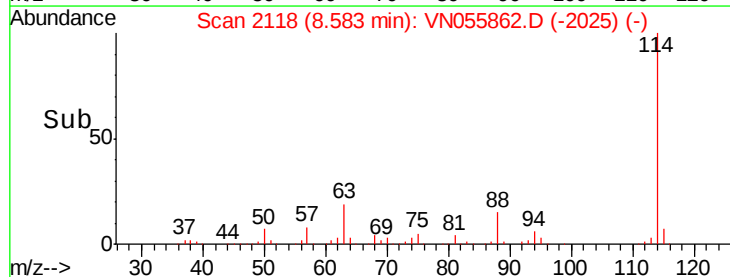
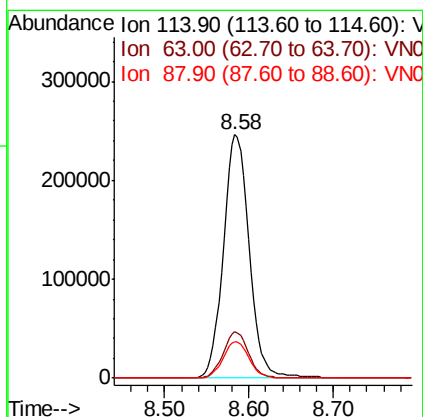
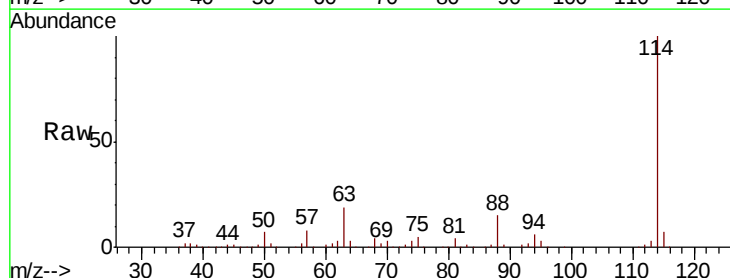
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

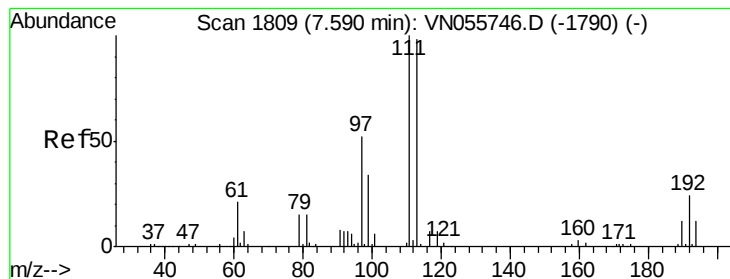
Tot Ion: 65 Resp: 185264
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 114 Resp: 523844
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.598 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

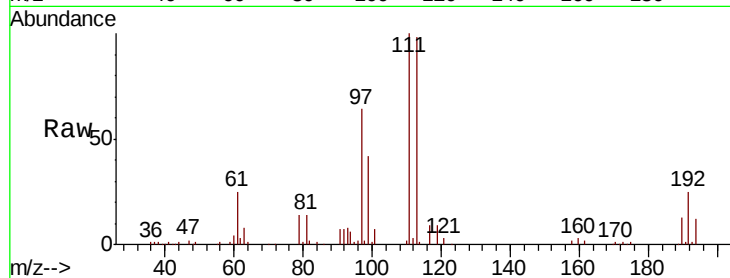
Tot Ion:113 Resp: 167575

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

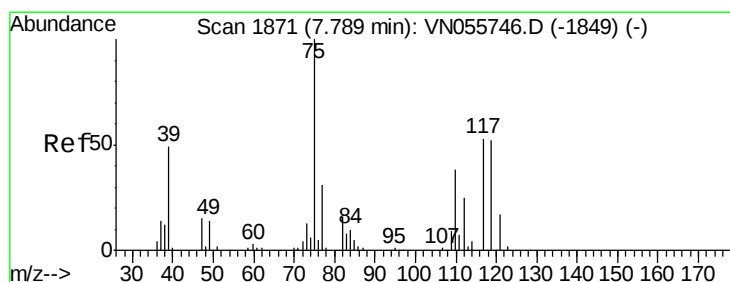
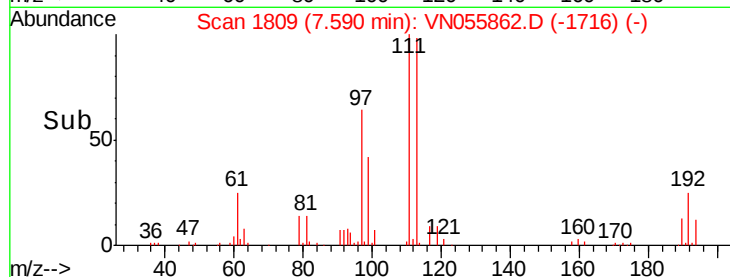
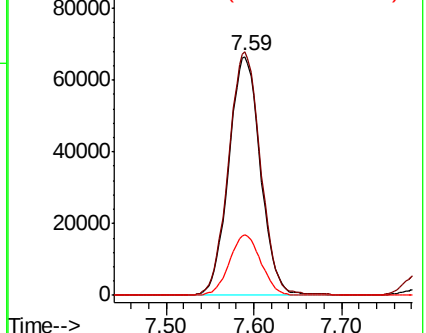
192 25.2 19.5 29.3



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: 46.291 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

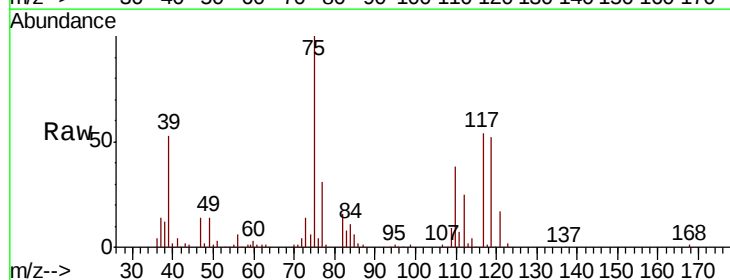
Tgt Ion: 75 Resp: 211319

Ion Ratio Lower Upper

75 100

110 39.2 19.0 57.0

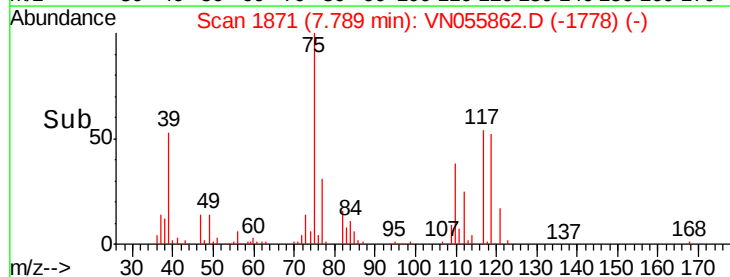
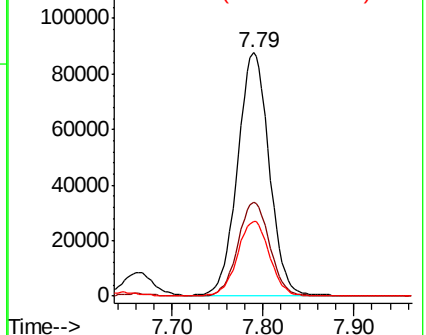
77 31.5 25.1 37.7

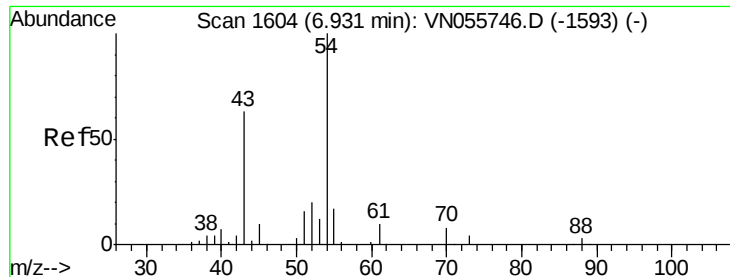


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

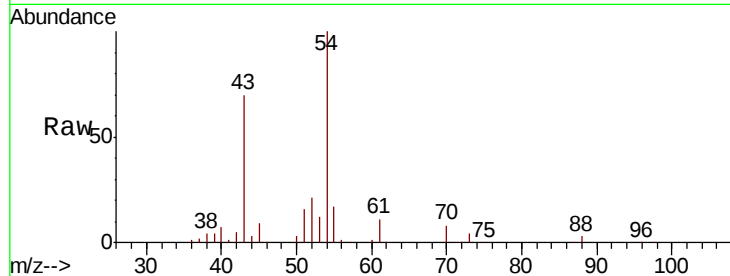




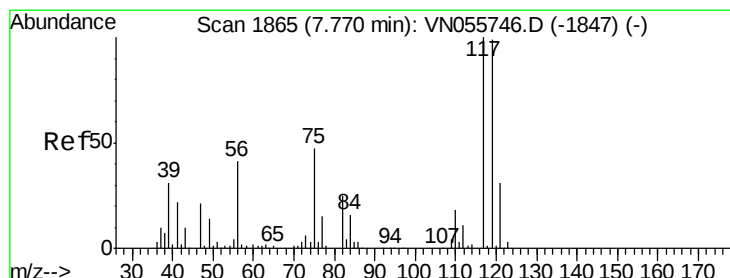
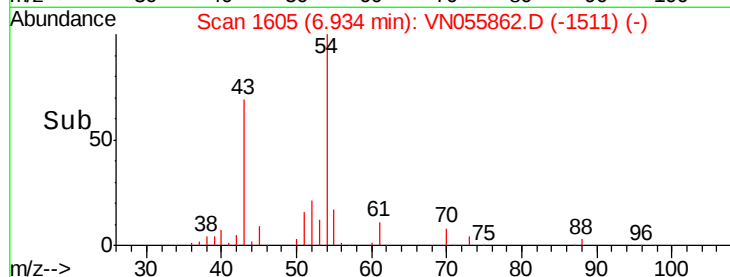
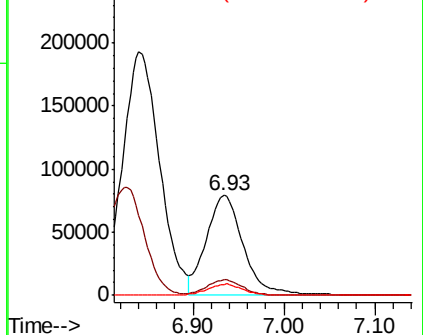
#37
Ethyl Acetate
Concen: 49.738 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 219451
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 10.9 8.9 13.3

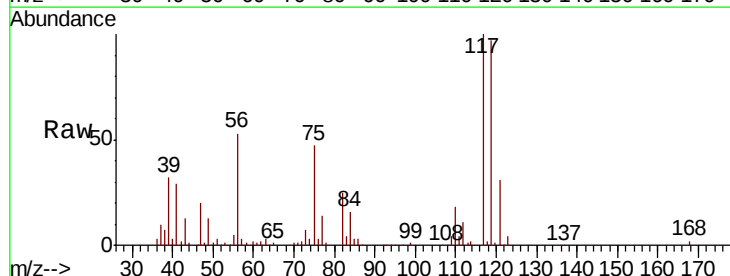


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

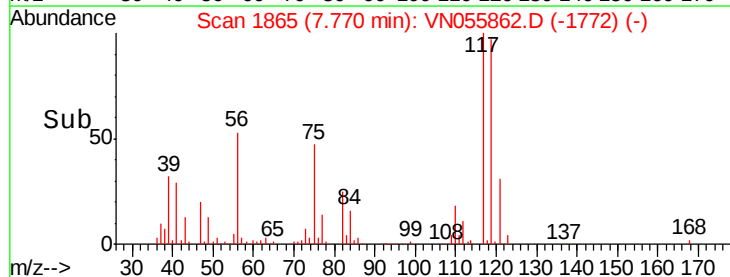
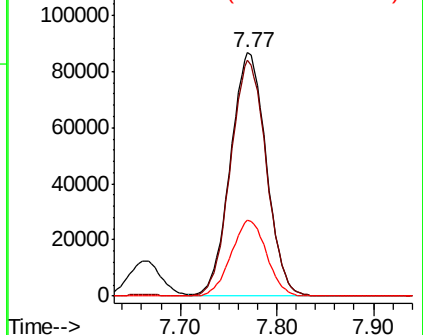


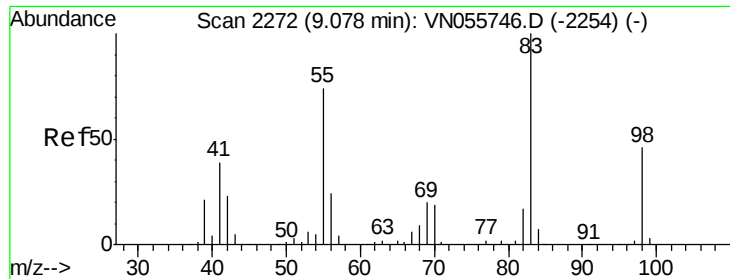
#38
Carbon Tetrachloride
Concen: 46.951 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 117 Resp: 223258
Ion Ratio Lower Upper
117 100
119 96.9 79.0 118.6
121 31.1 24.7 37.1



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

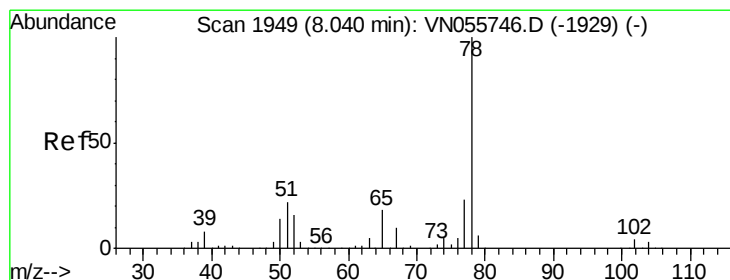
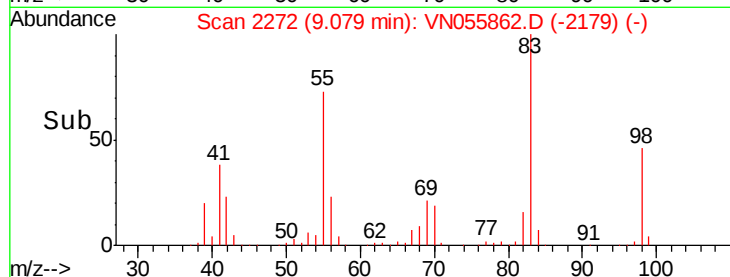
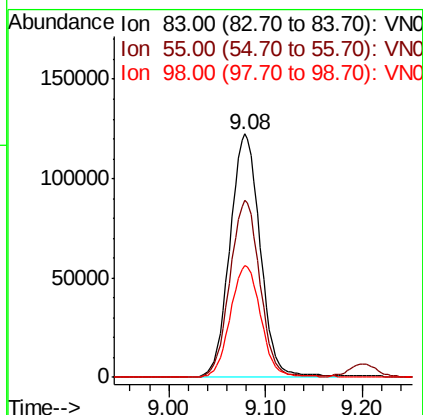
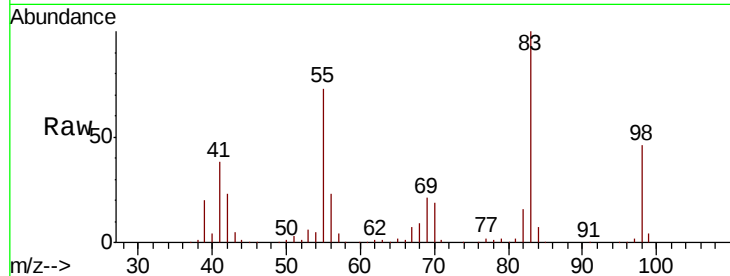




#39
Methvlcvclohexane
Concen: 47.205 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

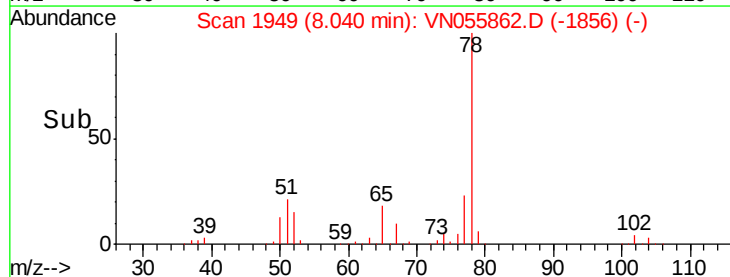
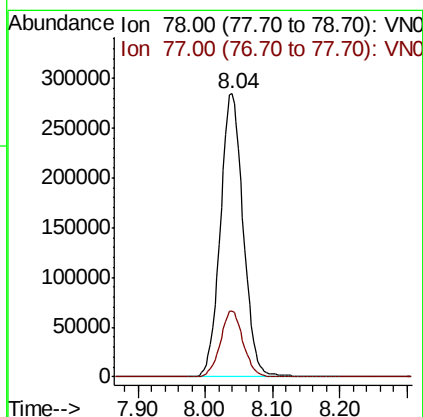
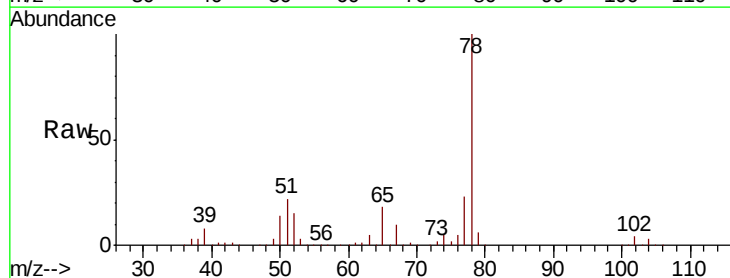
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

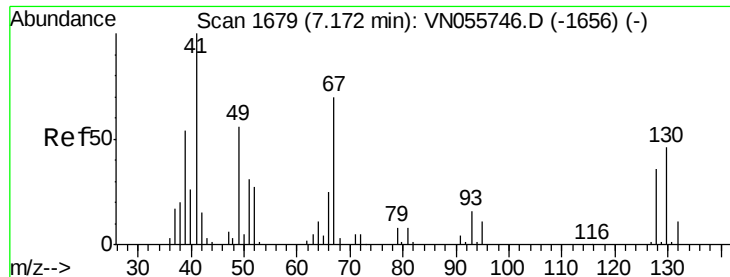
Tot Ion: 83 Resp: 266852
Ion Ratio Lower Upper
83 100
55 72.9 59.3 88.9
98 46.2 36.6 54.8



#40
Benzene
Concen: 49.071 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 78 Resp: 675140
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

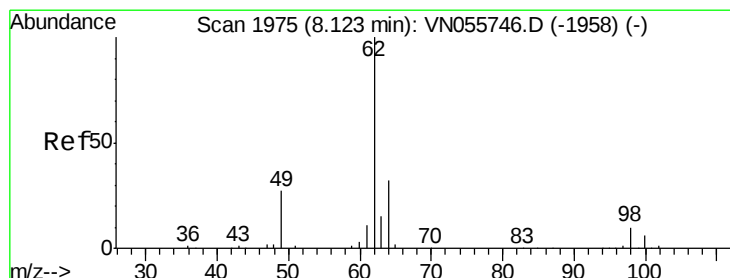
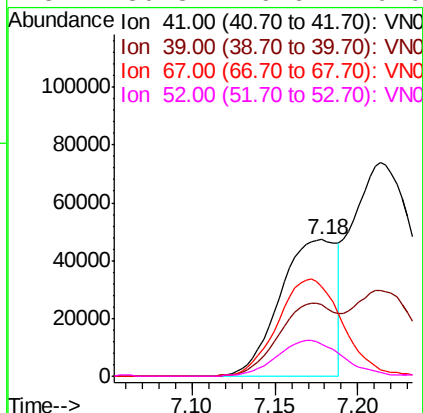
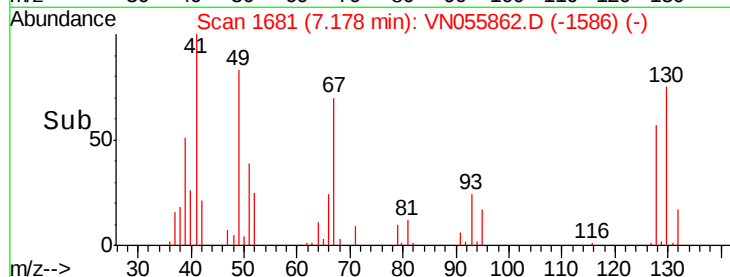
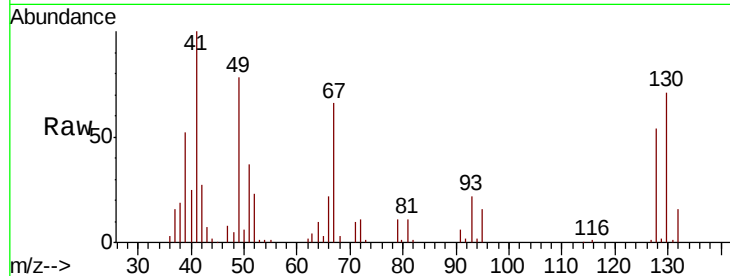




#41
Methacrylonitrile
Concen: 50.725 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

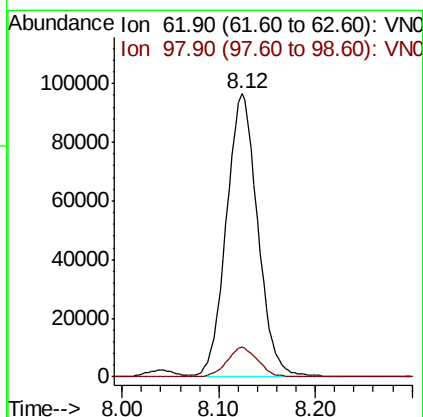
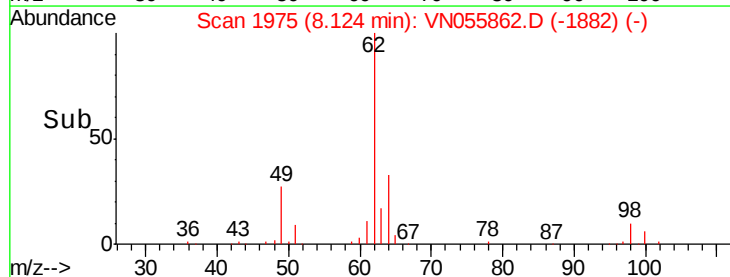
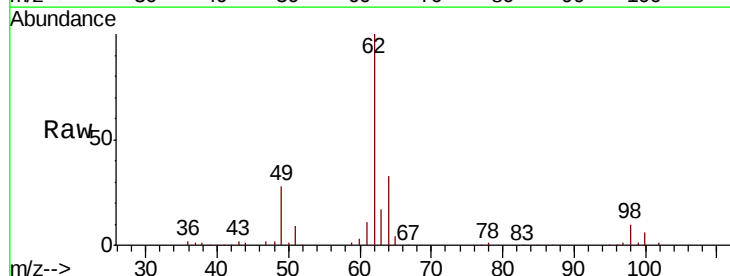
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

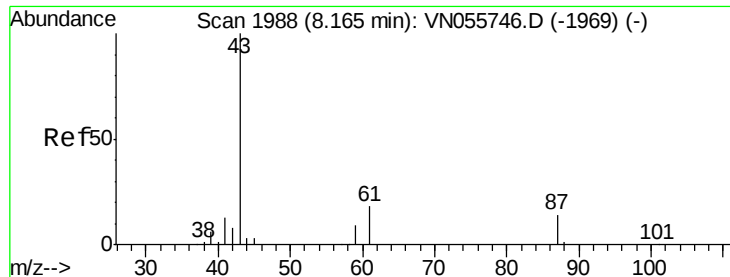
Tot Ion:	41	Resp:	113069
Ion	Ratio	Lower	Upper
41	100		
39	52.6	45.6	68.4
67	80.9	67.7	101.5
52	30.3	26.6	40.0



#42
1,2-Dichloroethane
Concen: 48.074 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion:	62	Resp:	216128
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 48.113 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

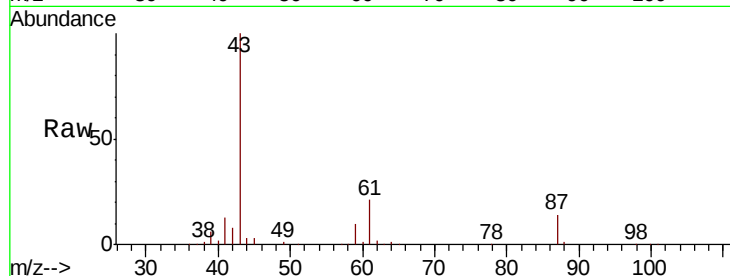
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 356672

Ion	Ratio	Lower	Upper
43	100		
61	21.5	22.2	33.4#
87	14.4	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)

8.17

200000

150000

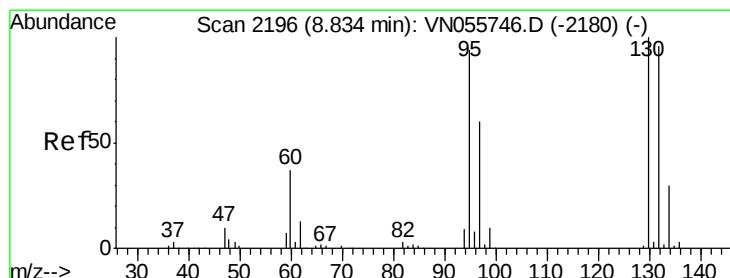
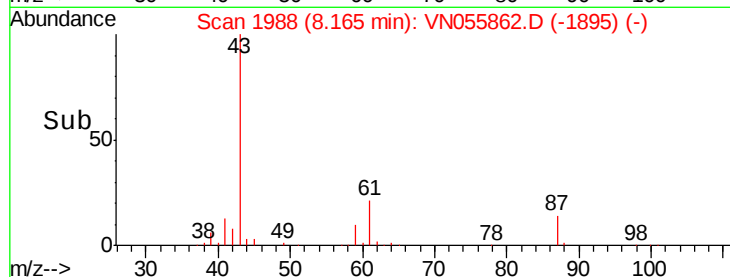
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 51.144 ug/l

RT: 8.83 min Scan# 2196

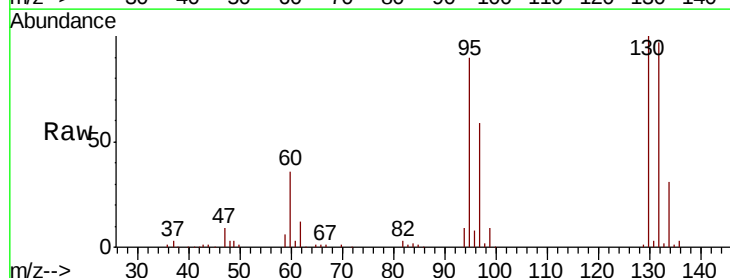
Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Tgt Ion: 130 Resp: 196168

Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

8.83

100000

80000

60000

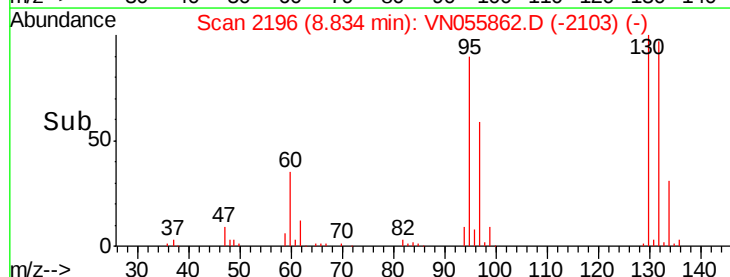
40000

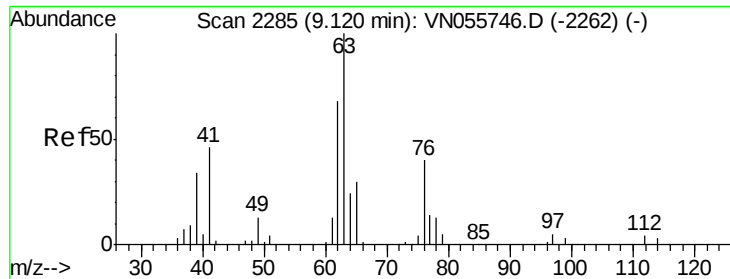
20000

0

8.80 8.90

Time-->

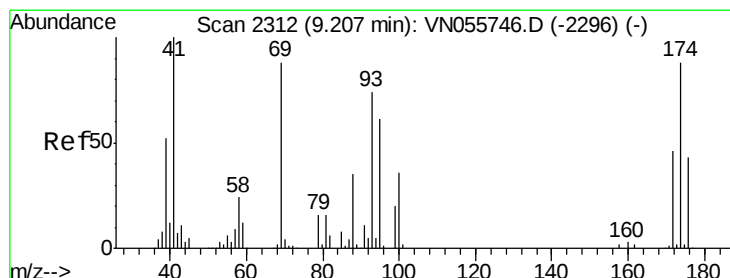
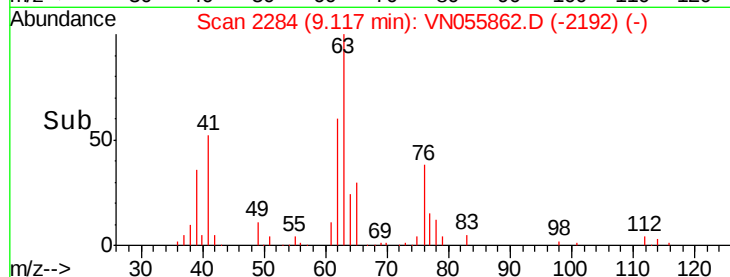
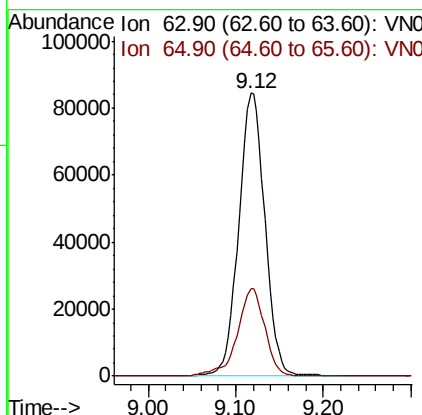
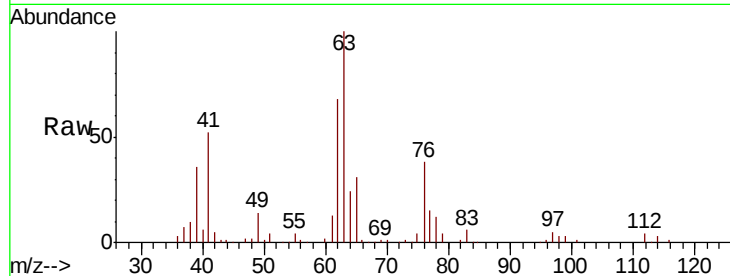




#45
 1,2-Dichloropropane
 Concen: 49.027 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

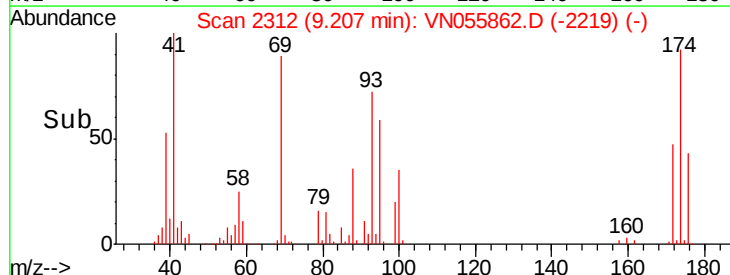
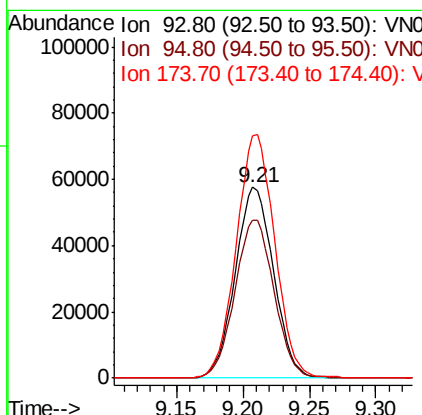
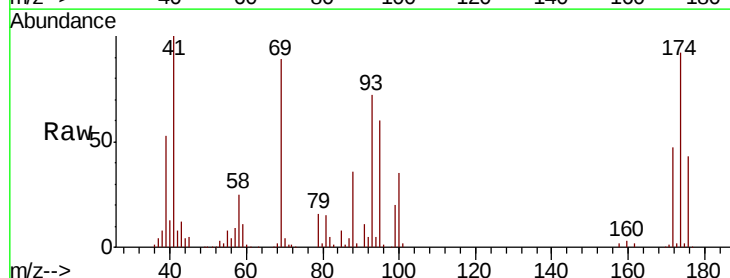
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 175743
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 49.409 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 93 Resp: 116153
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.7 100.1
 174 128.1 96.4 144.6





#47

Bromodichloromethane

Concen: 47.559 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

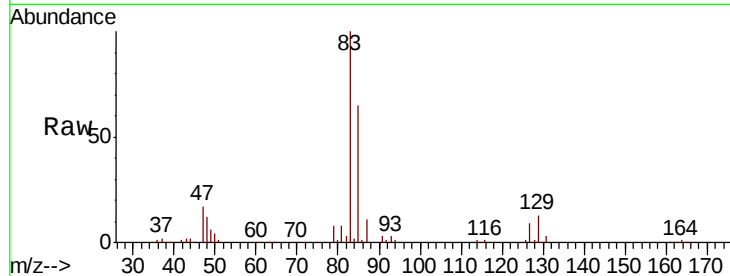
Tot Ion: 83 Resp: 229257

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.2

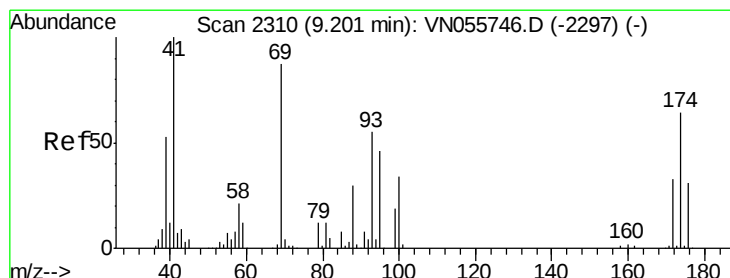
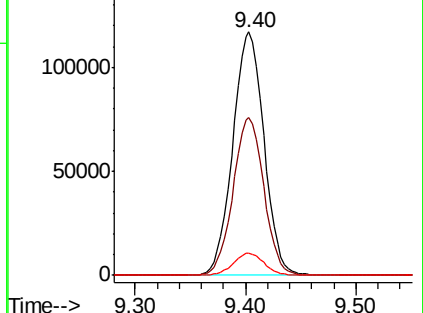
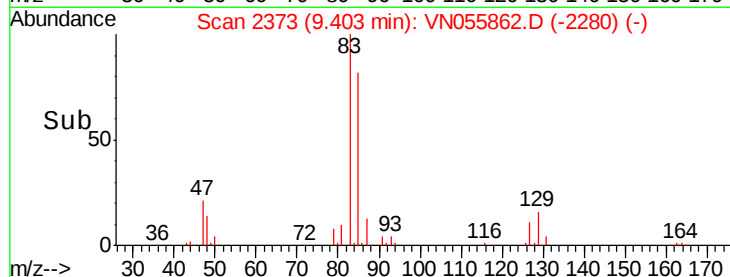
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055862.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055862.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055862.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.976 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

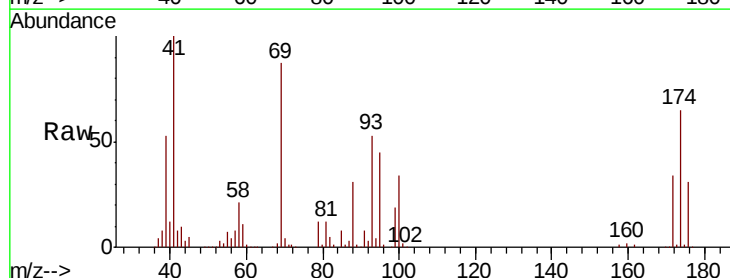
Tgt Ion: 41 Resp: 170747

Ion Ratio Lower Upper

41 100

69 90.1 71.0 106.6

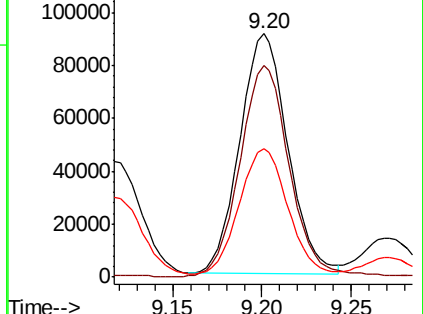
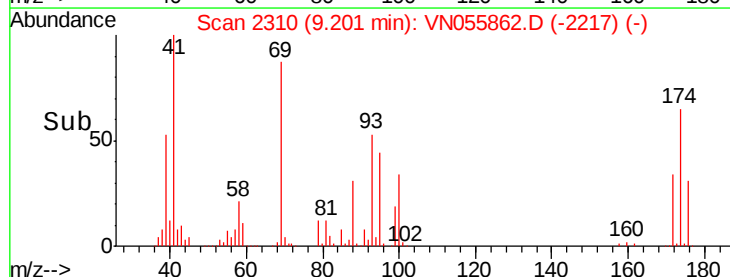
39 54.9 44.2 66.2

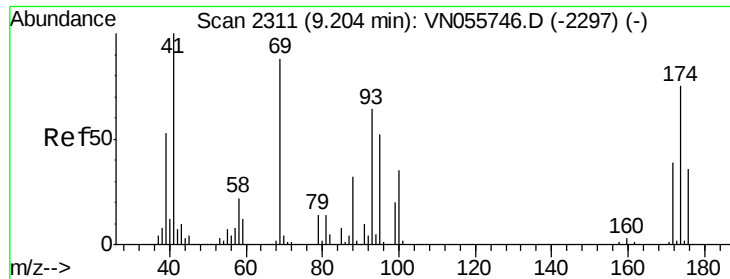


Abundance Ion 41.00 (40.70 to 41.70): VN055862.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055862.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055862.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1005.143 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

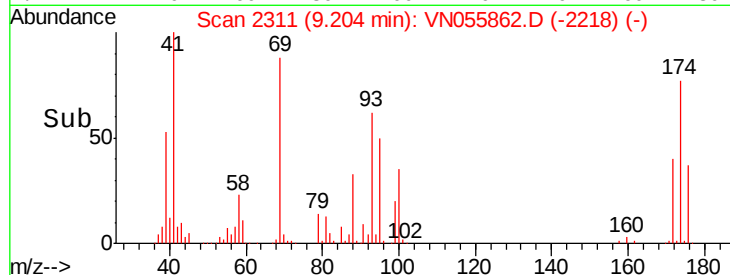
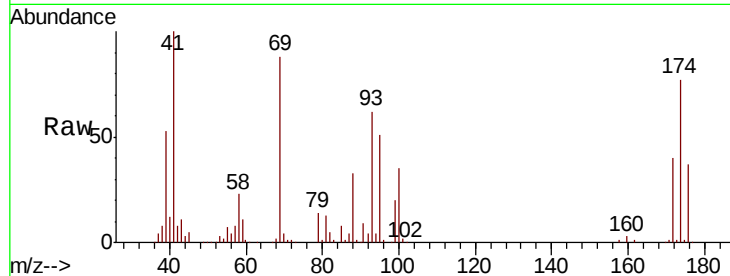
Tot Ion: 88 Resp: 71364

Ion Ratio Lower Upper

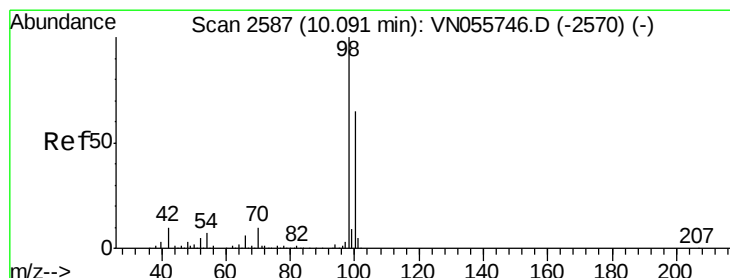
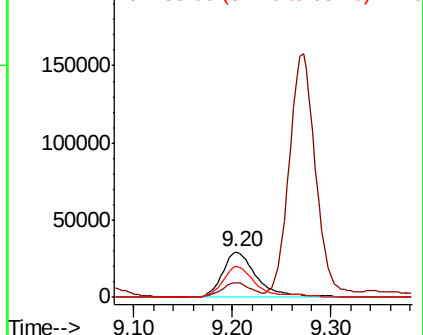
88 100

43 25.9 20.5 30.7

58 62.2 55.8 83.6



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



#50

Toluene-d8

Concen: 50.200 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055862.D

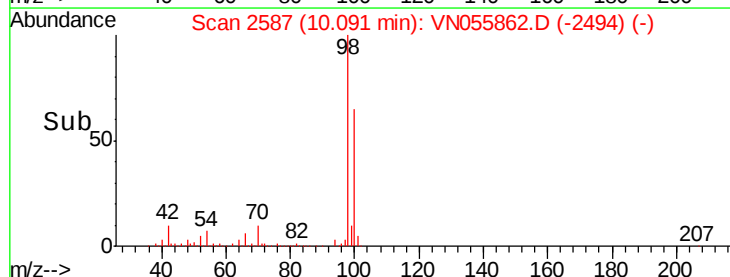
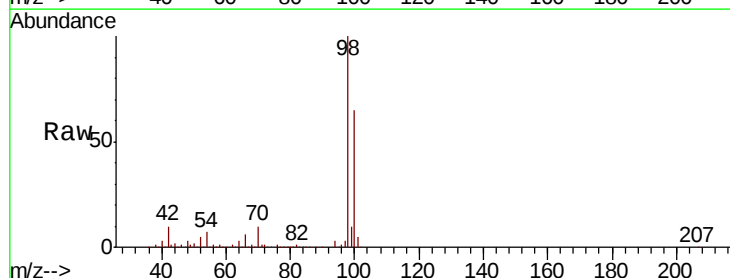
Acq: 28 May 2019 19:07

Tgt Ion: 98 Resp: 637745

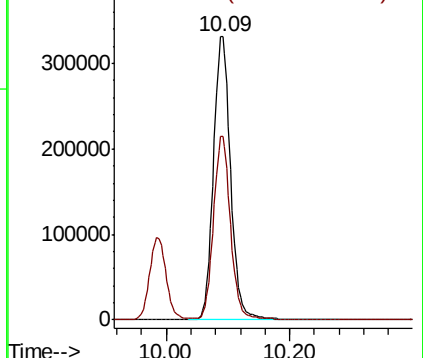
Ion Ratio Lower Upper

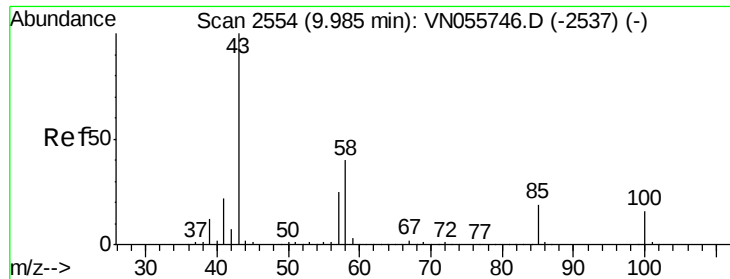
98 100

100 64.4 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 250.593 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

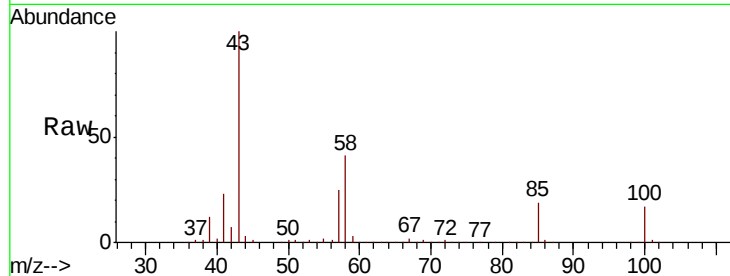
VSTDCCC050EC

Tot Ion: 43 Resp: 1097157

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-2537) (-)

9.99

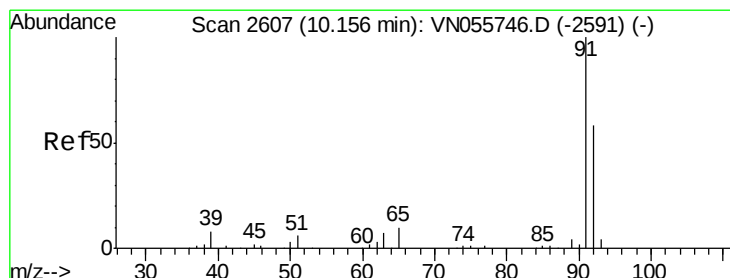
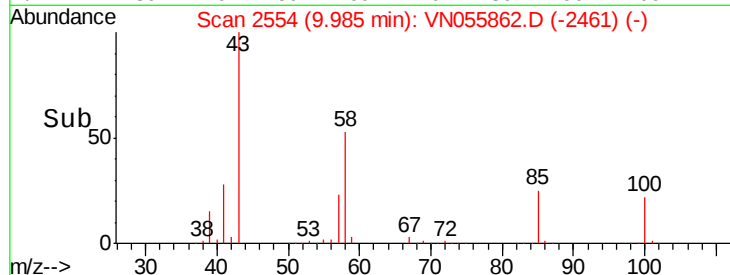
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.222 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055862.D

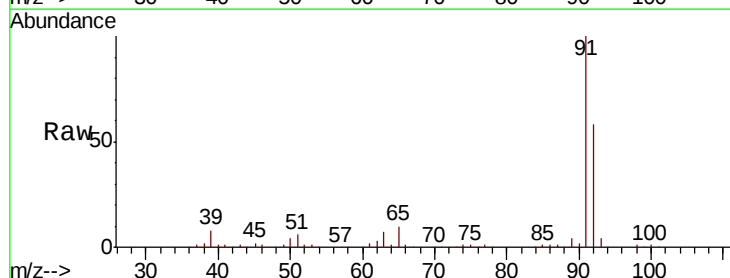
Acq: 28 May 2019 19:07

Tgt Ion: 92 Resp: 425919

Ion Ratio Lower Upper

92 100

91 174.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055746.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055746.D (-2591) (-)

10.16

400000

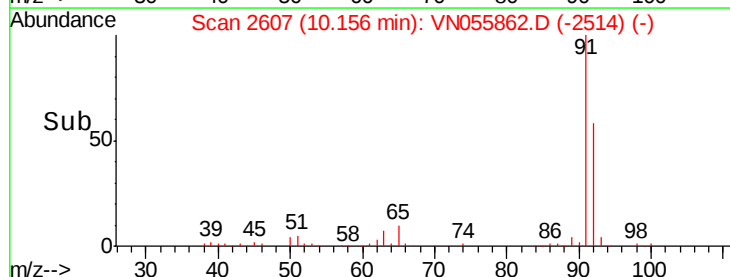
300000

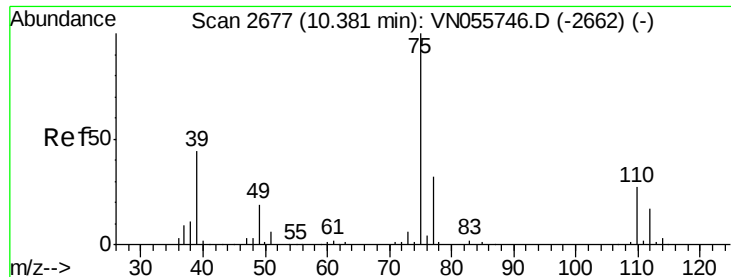
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.469 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

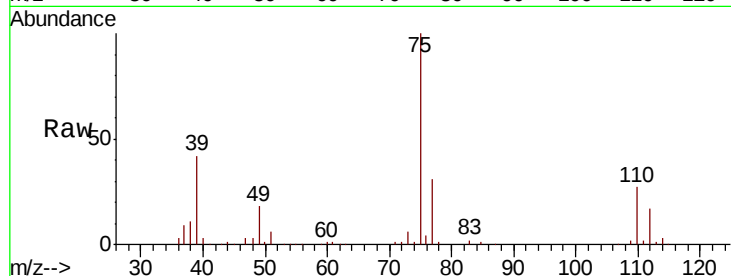
VSTDCCC050EC

Tot Ion: 75 Resp: 244250

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

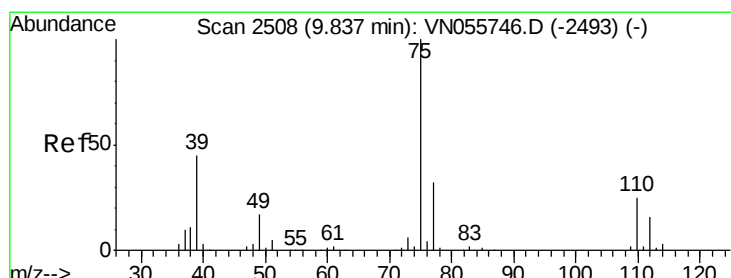
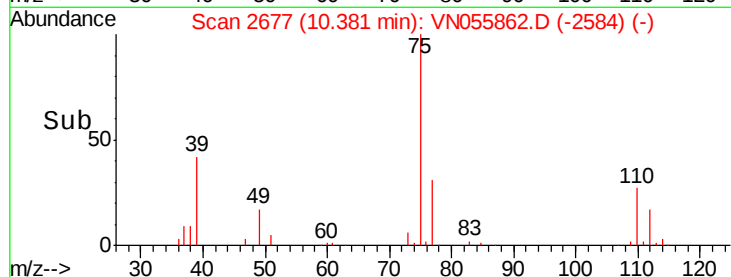
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.192 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

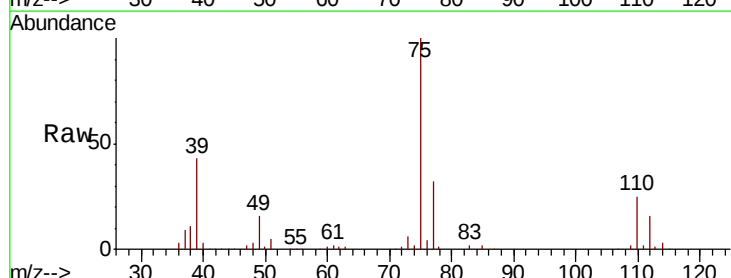
Tgt Ion: 75 Resp: 274702

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 43.3 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

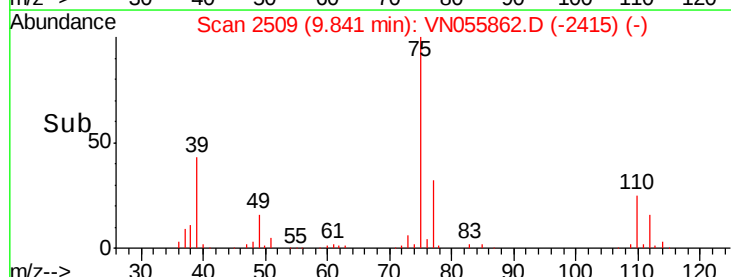
150000

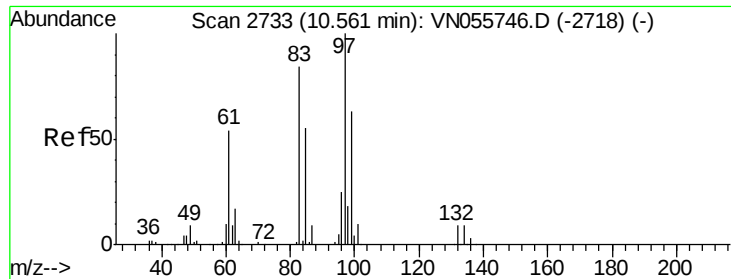
100000

50000

0

Time-->

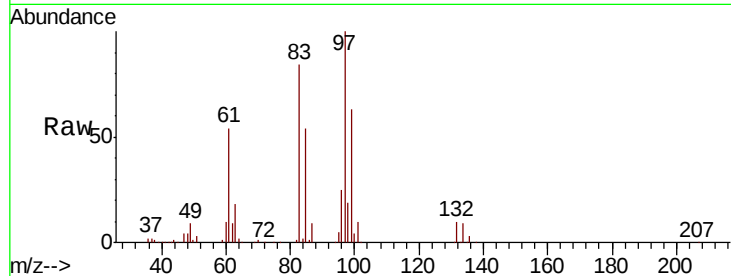




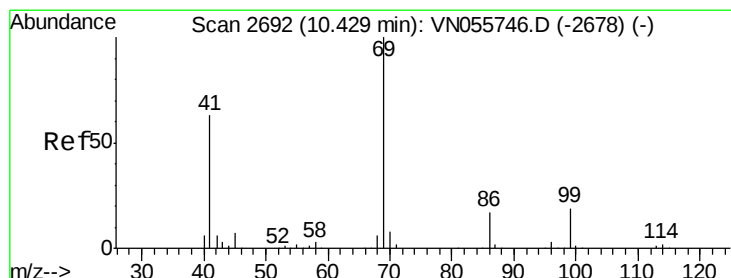
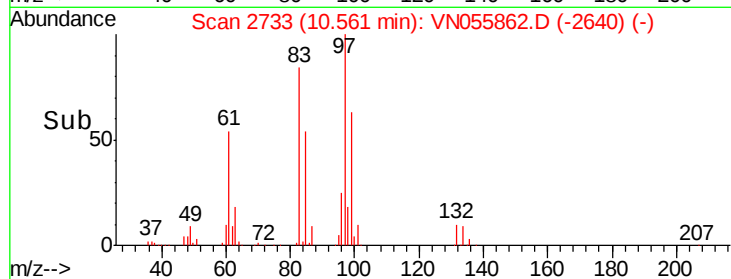
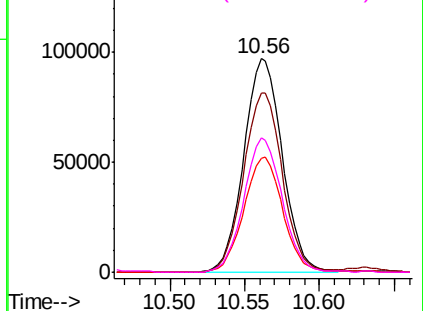
#55
 1,1,2-Trichloroethane
 Concen: 50.342 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	174510
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.0	100.6
85	53.6	44.0	66.0
99	62.5	50.6	75.8

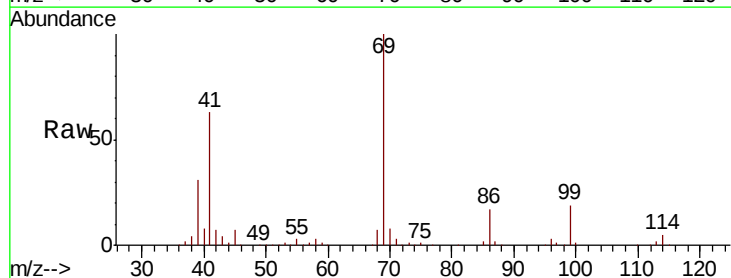


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

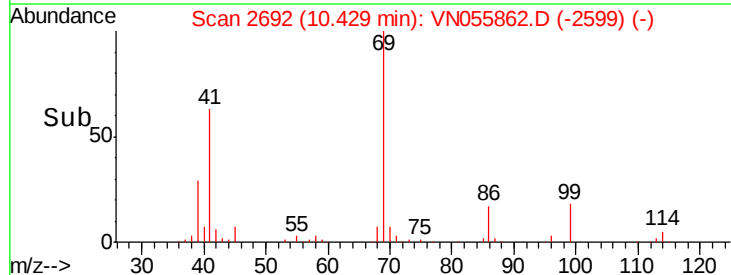
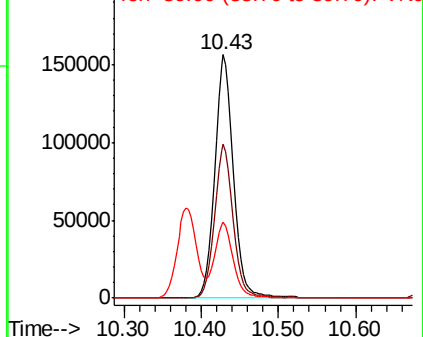


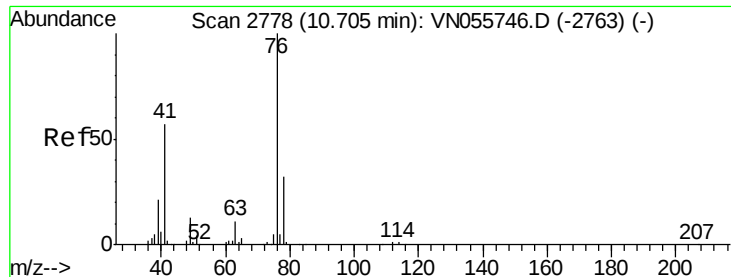
#56
 Ethyl methacrylate
 Concen: 50.101 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion:	69	Resp:	268407
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	30.7	24.7	37.1



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

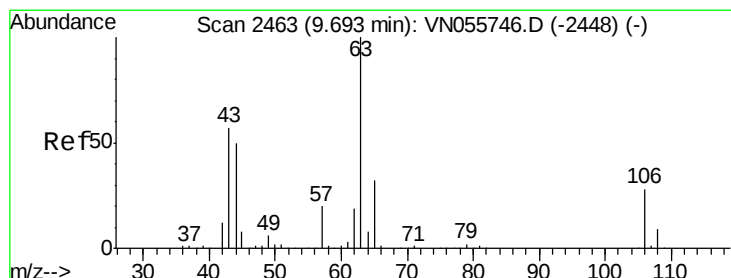
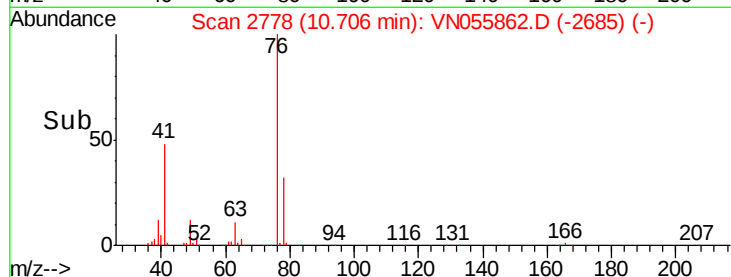
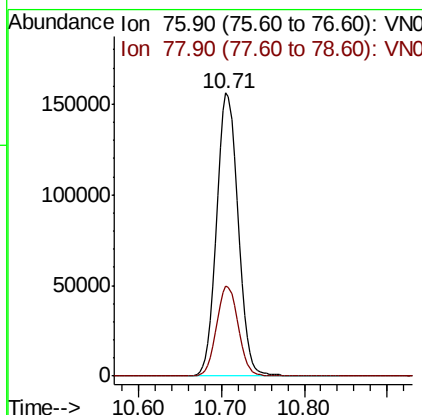
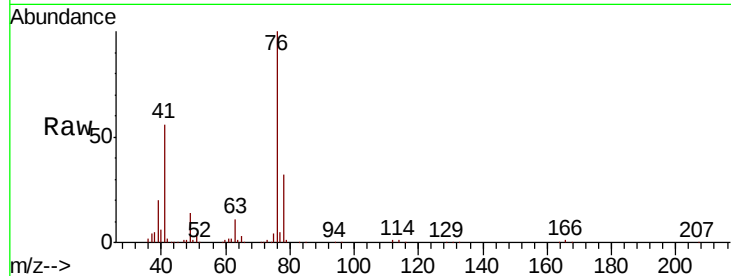




#57
 1,3-Dichloropropane
 Concen: 49.730 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

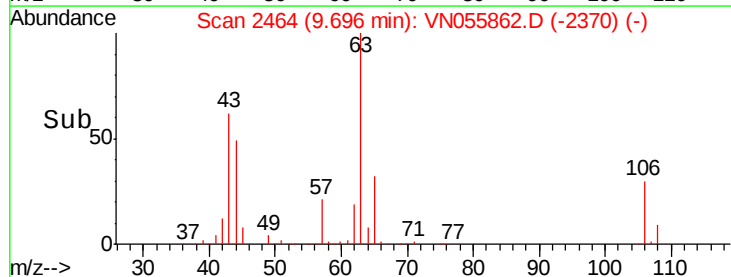
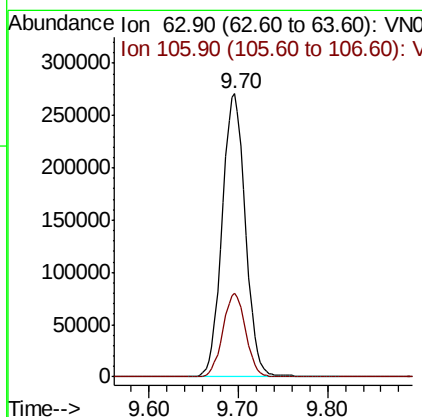
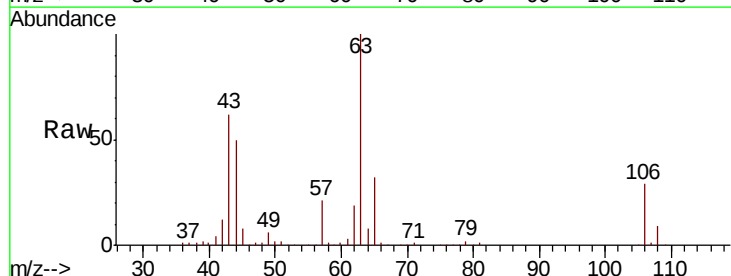
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

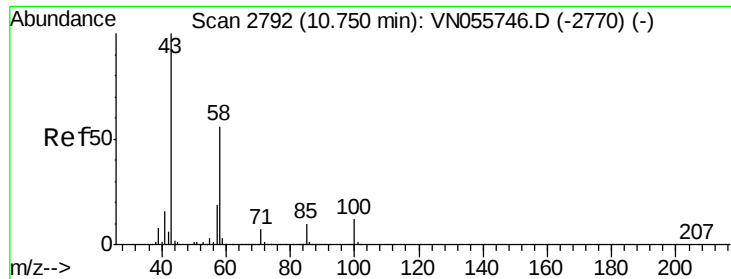
Tot Ion: 76 Resp: 280210
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.882 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 63 Resp: 489077
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.7 34.1

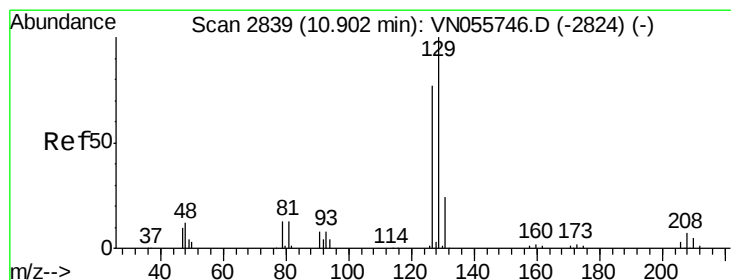
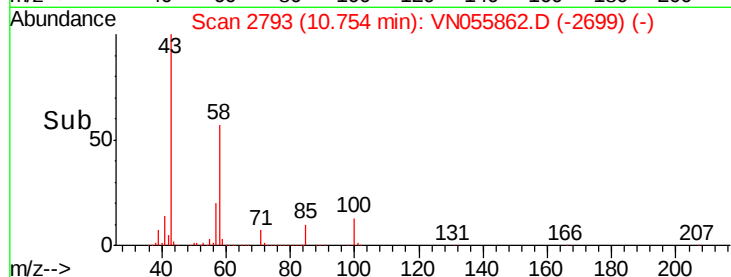
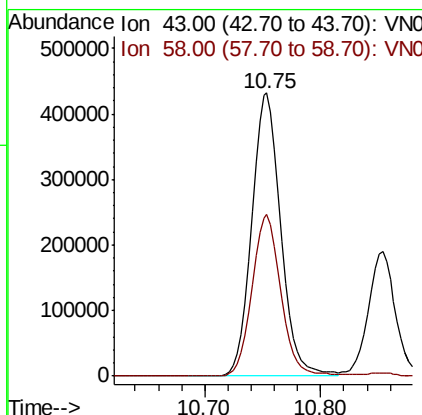
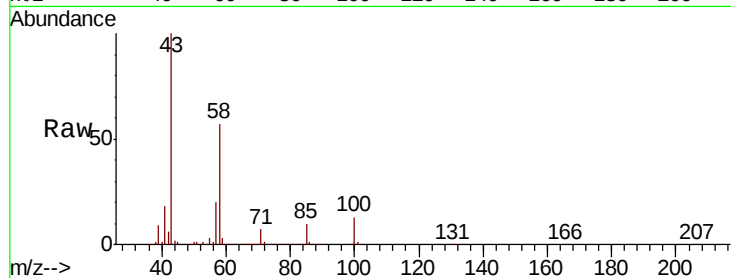




#59
2-Hexanone
Concen: 242.940 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

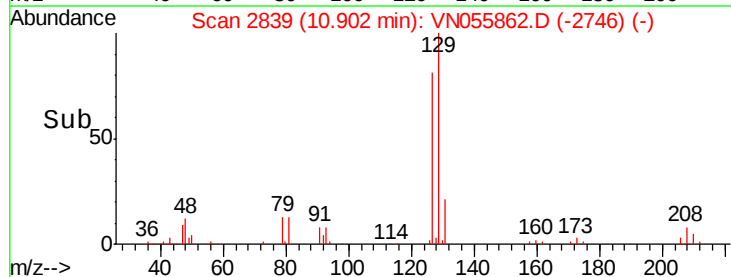
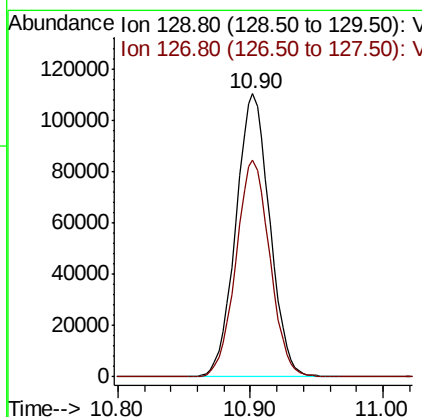
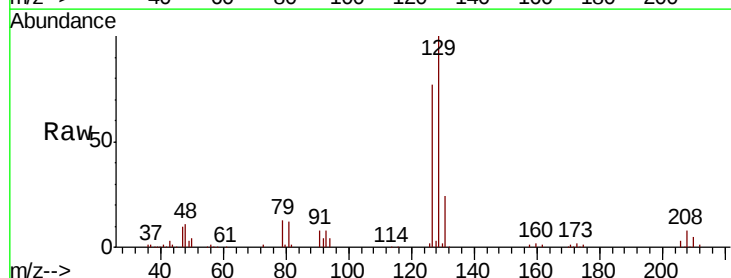
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

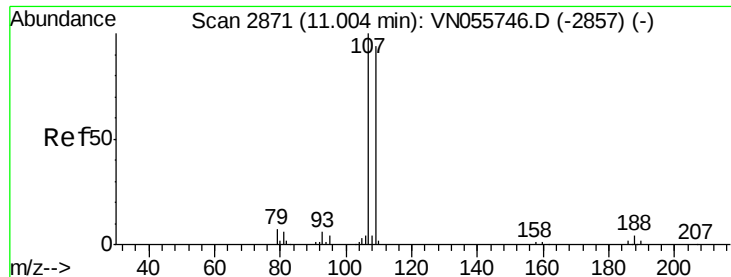
Tot Ion: 43 Resp: 754560
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.7



#60
Dibromochloromethane
Concen: 48.618 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 129 Resp: 196333
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3

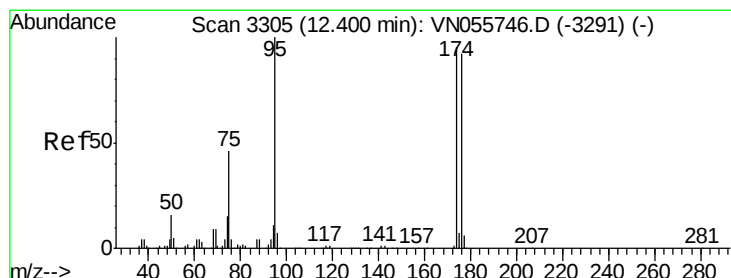
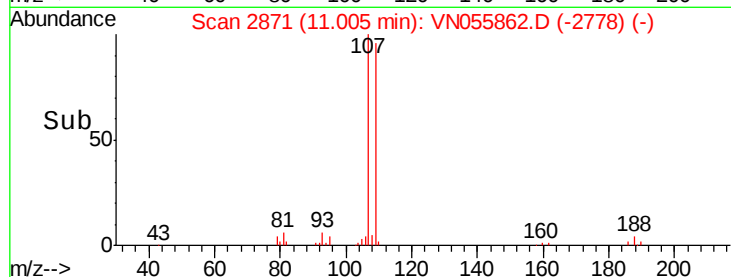
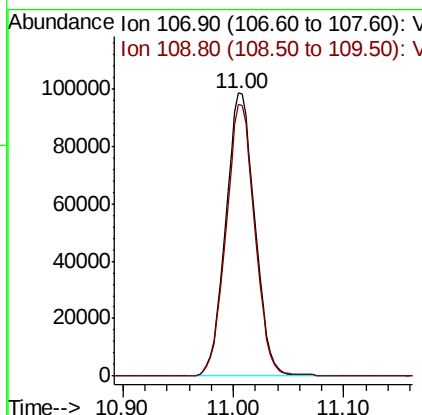
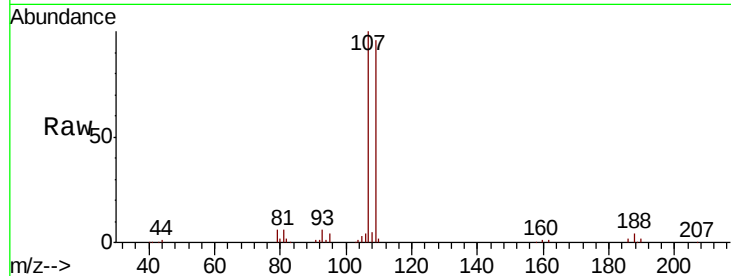




#61
 1,2-Dibromoethane
 Concen: 50.167 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

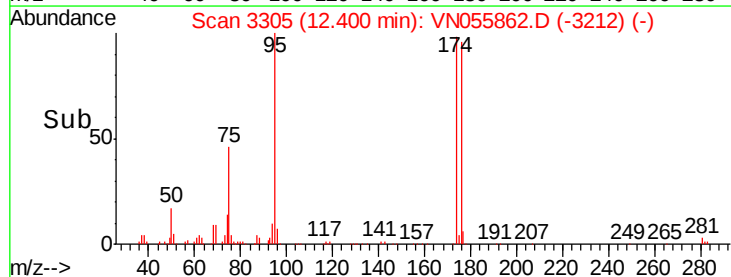
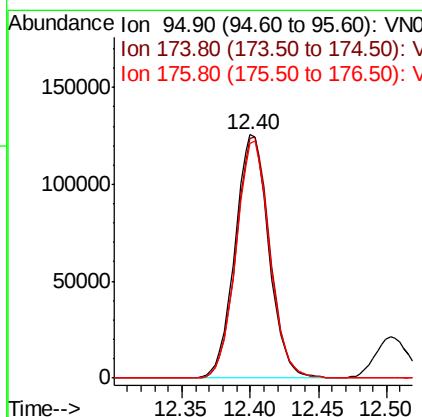
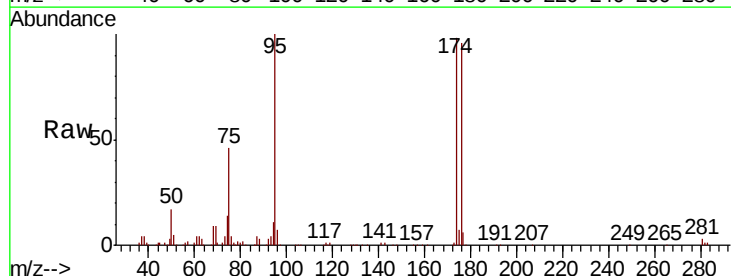
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

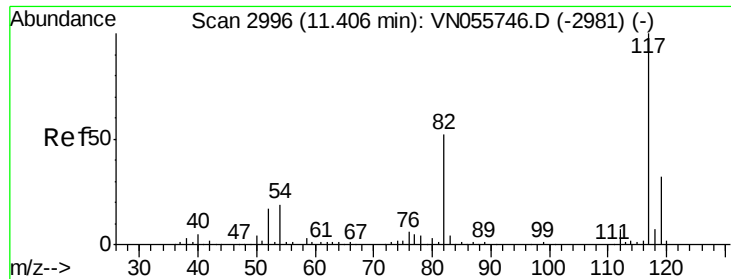
Tot Ion:107 Resp: 180379
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.625 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 95 Resp: 216173
 Ion Ratio Lower Upper
 95 100
 174 98.9 0.0 191.0
 176 96.5 0.0 185.2

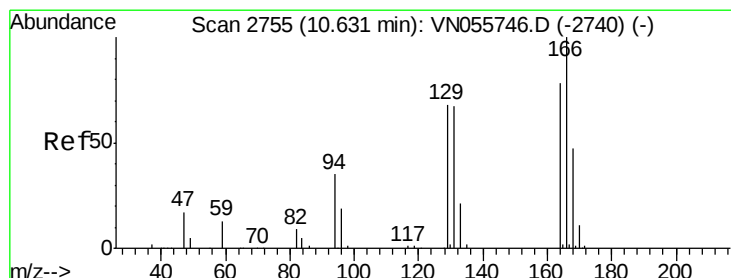
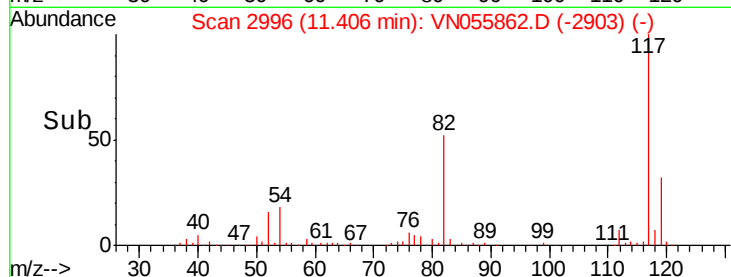
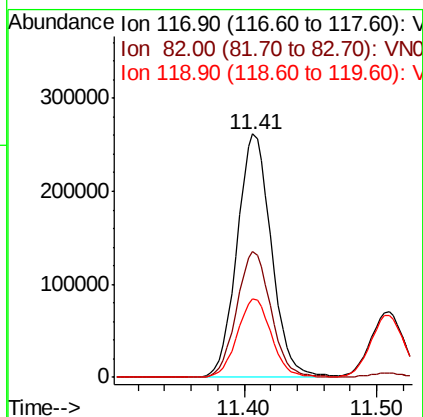
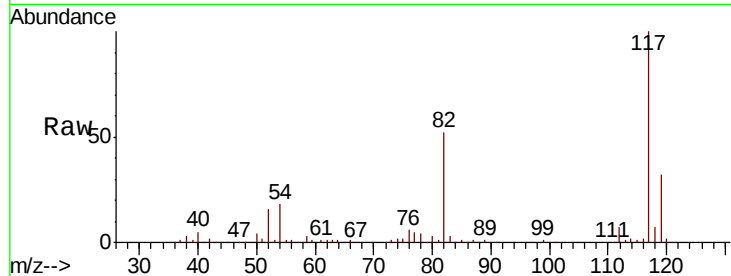




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

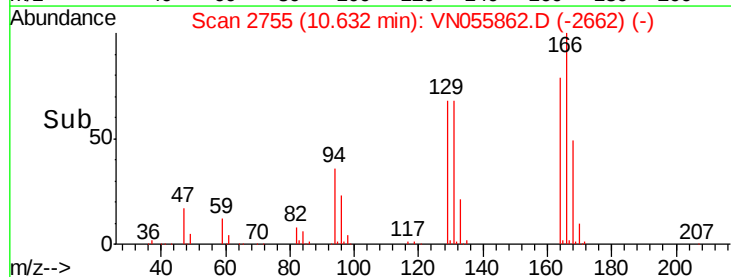
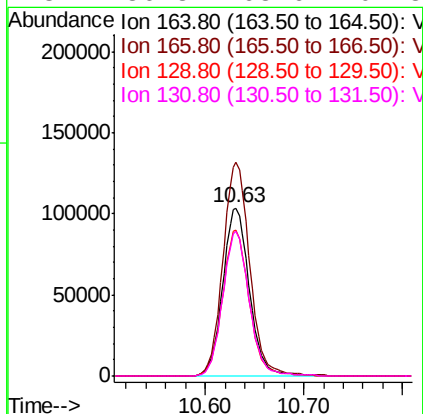
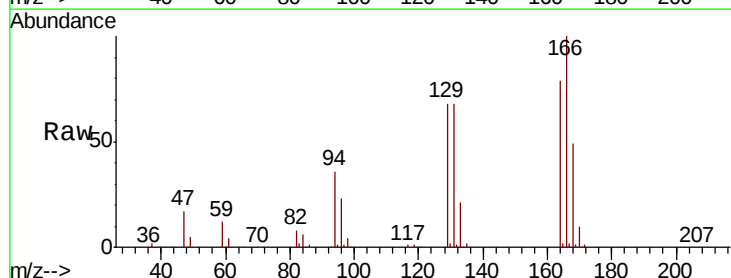
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

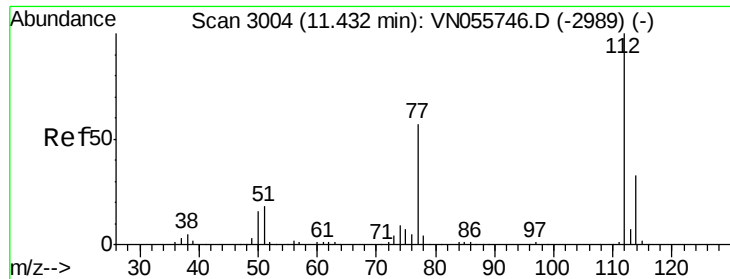
Tot Ion:117 Resp: 469550
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 49.442 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion:164 Resp: 195803
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 87.0 70.6 105.8
131 86.3 68.6 102.8

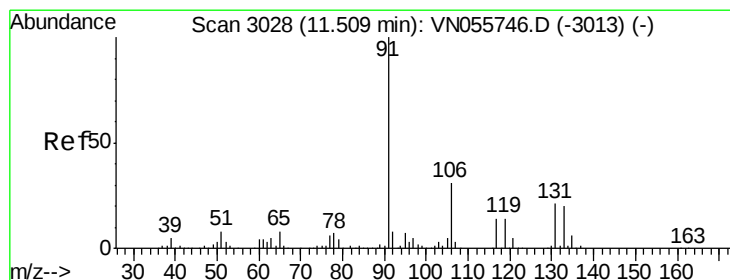
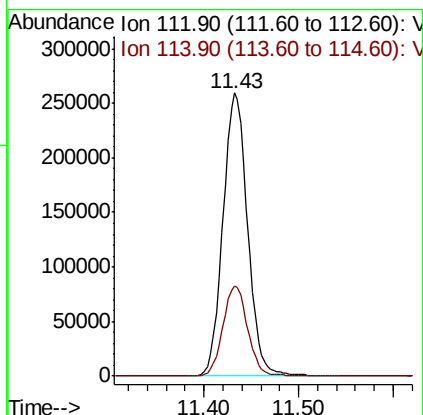
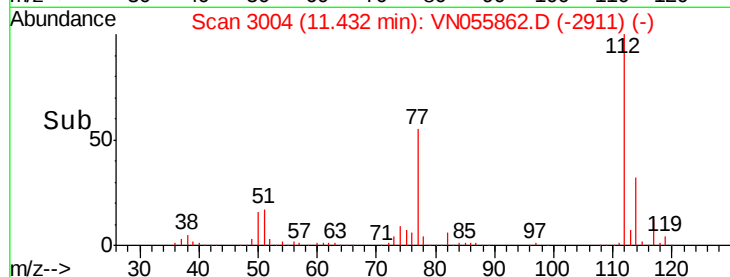
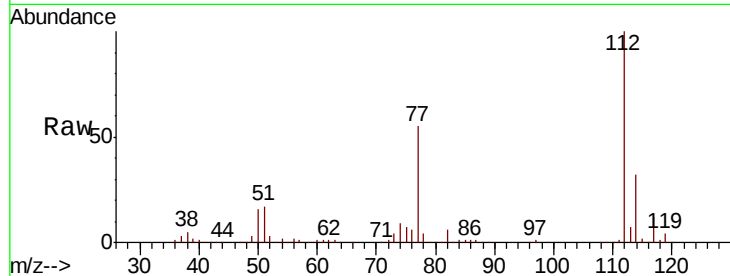




#65
Chlorobenzene
Concen: 49.955 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

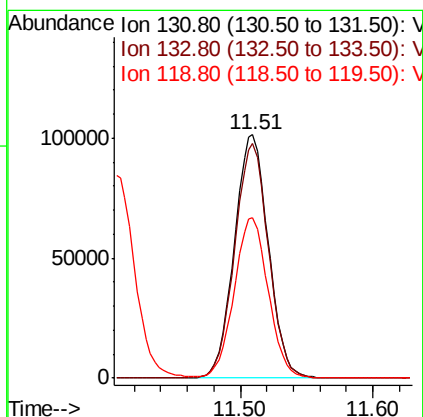
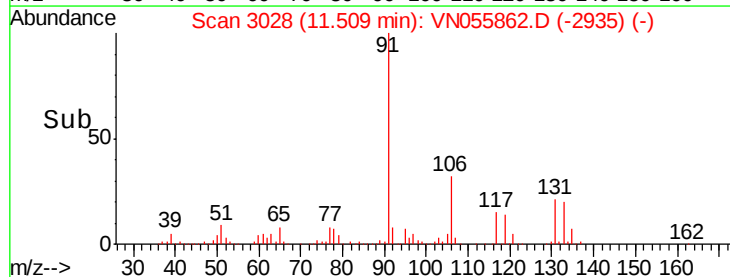
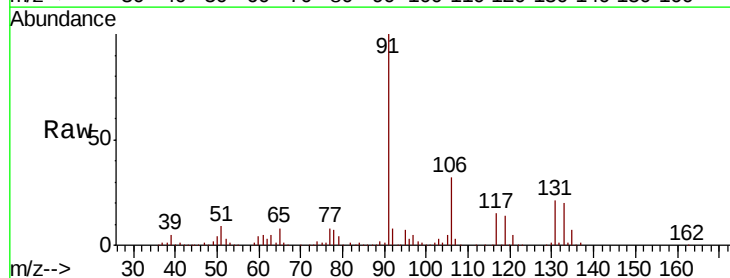
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

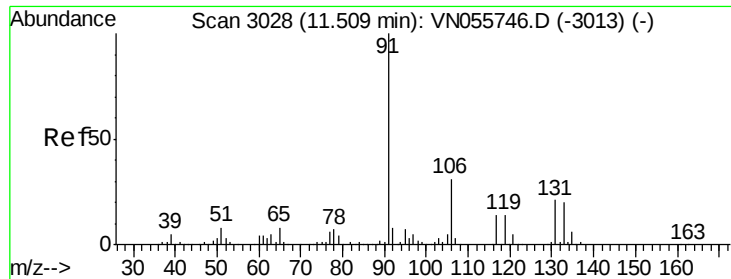
Tot Ion:112 Resp: 469567
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.106 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion:131 Resp: 180349
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.0 33.1 99.5

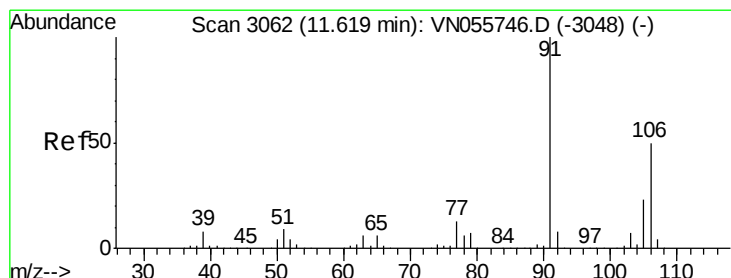
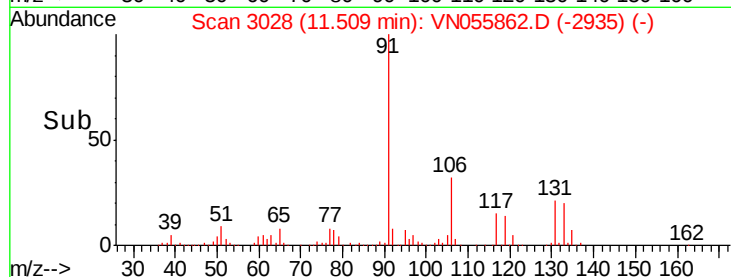
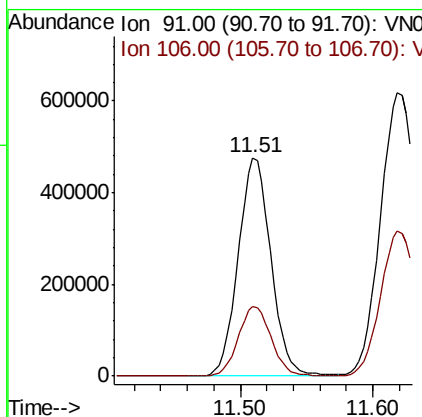
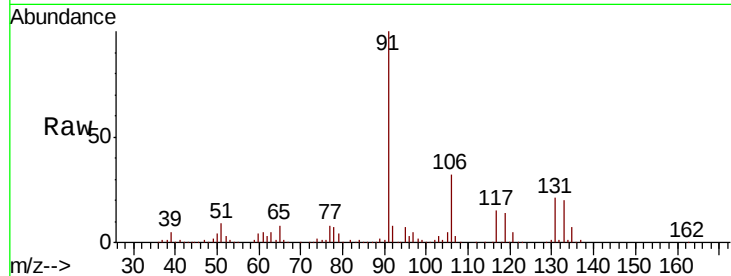




#67
Ethyl Benzene
Concen: 48.479 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

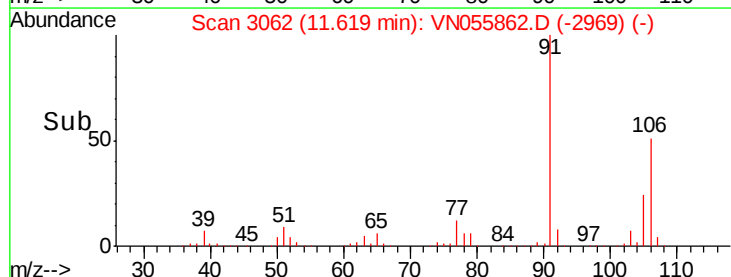
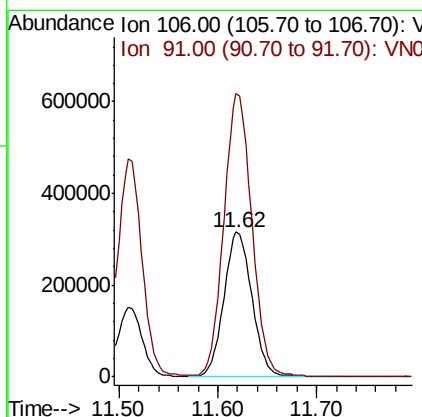
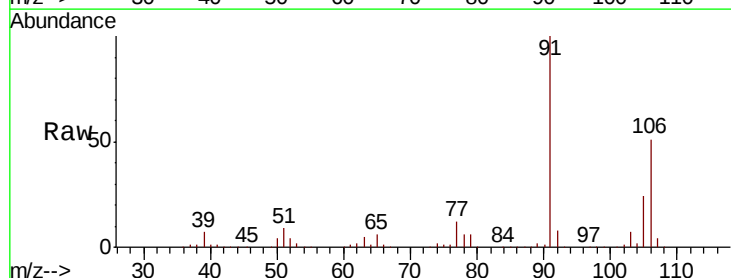
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

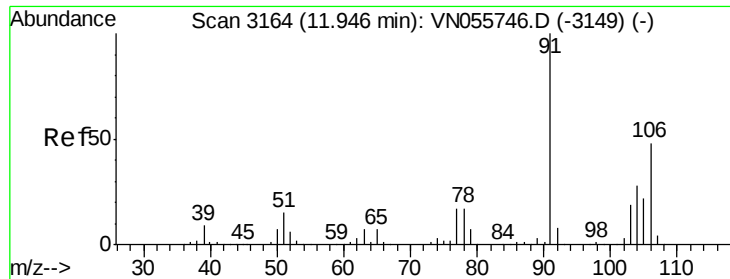
Tot Ion: 91 Resp: 817190
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 98.774 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 106 Resp: 629451
Ion Ratio Lower Upper
106 100
91 196.0 159.3 238.9

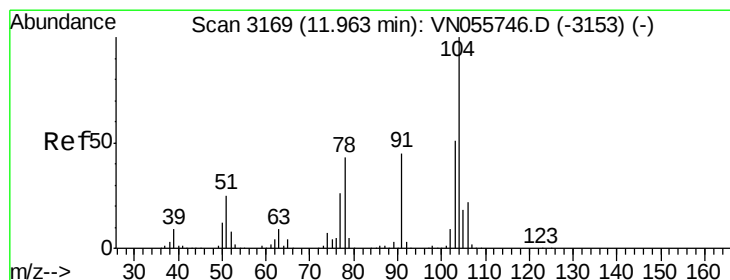
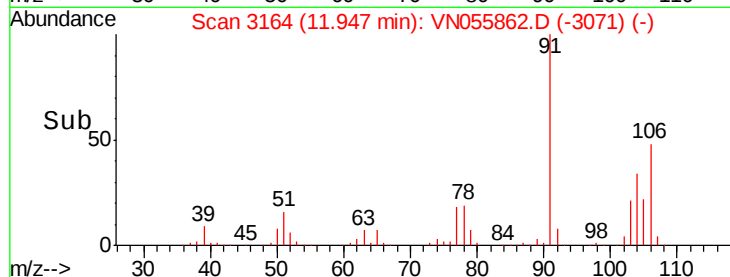
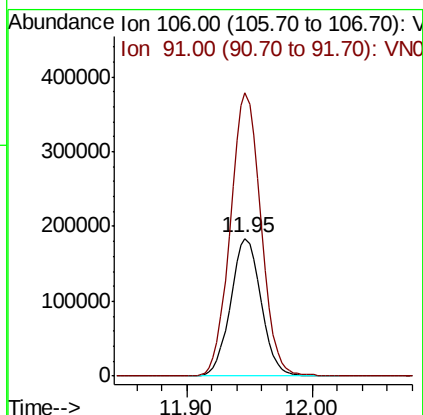
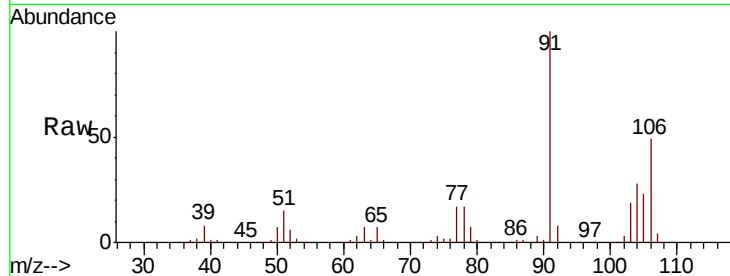




#69
o-Xylene
Concen: 49.160 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

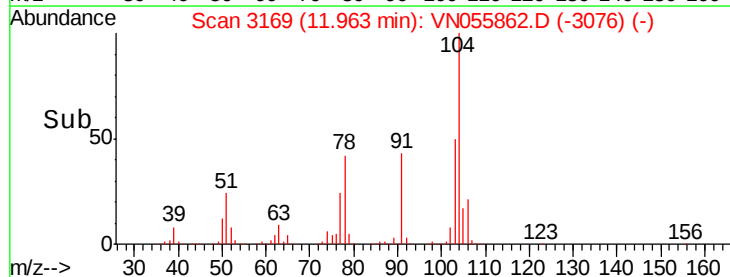
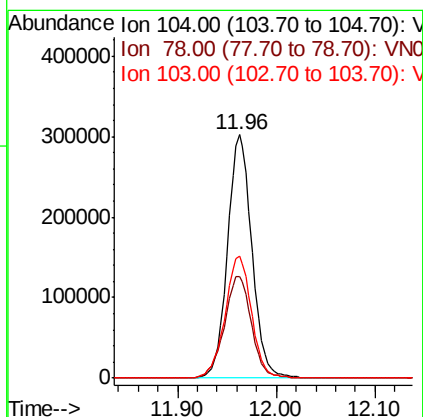
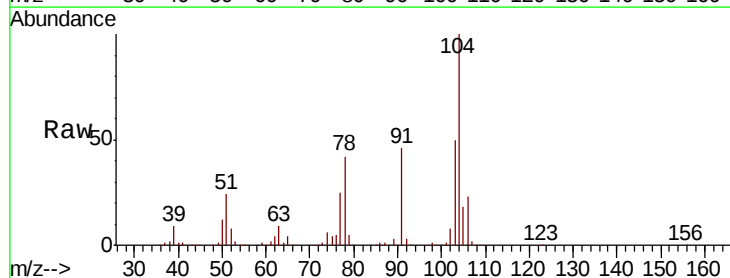
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

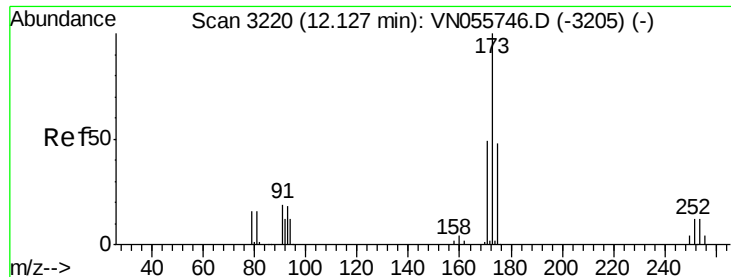
Tot Ion:106 Resp: 310815
Ion Ratio Lower Upper
106 100
91 206.2 104.7 314.1



#70
Styrene
Concen: 50.640 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion:104 Resp: 518486
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 54.6 44.2 66.2





#71

Bromoform

Concen: 47.044 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

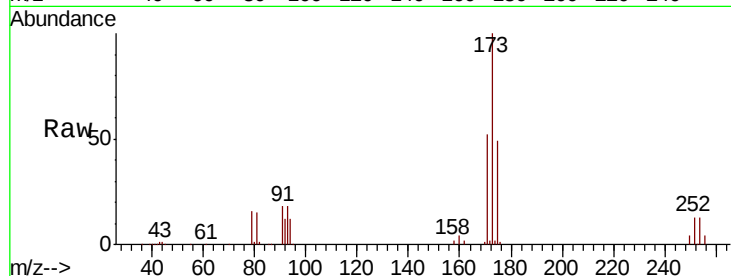
Tot Ion:173 Resp: 150436

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

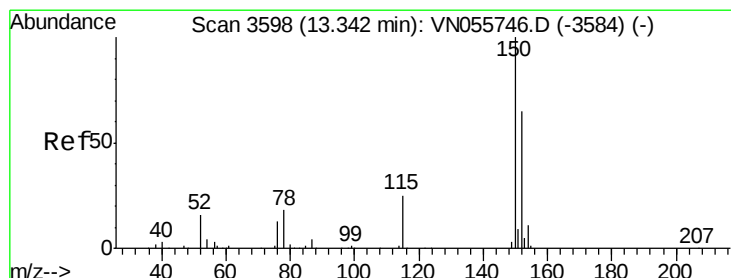
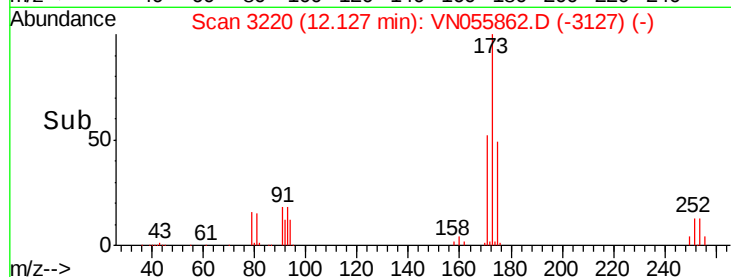
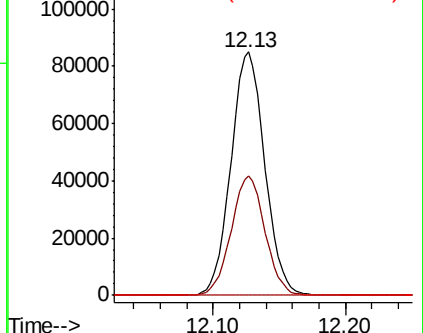
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

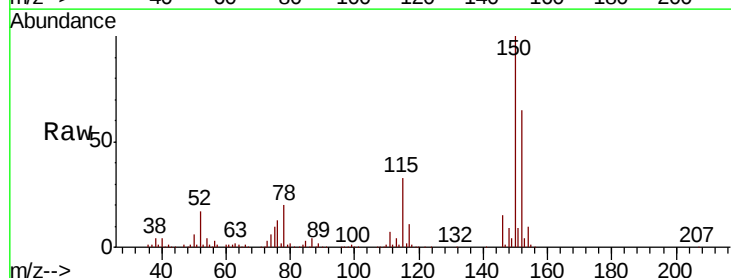
Tgt Ion:152 Resp: 214779

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

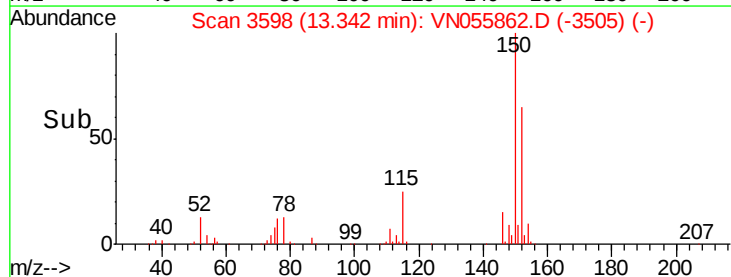
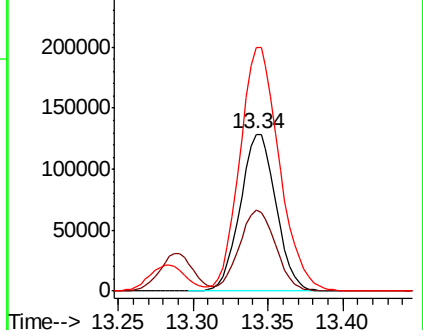
150 171.4 0.0 343.2

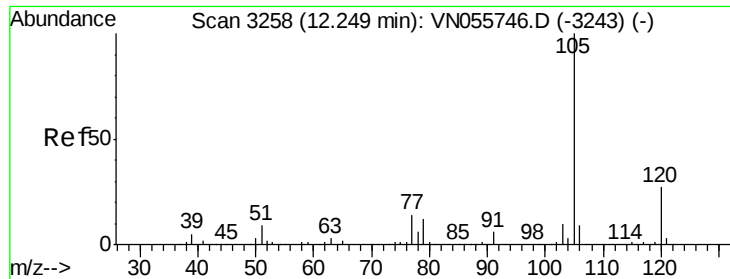


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.421 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

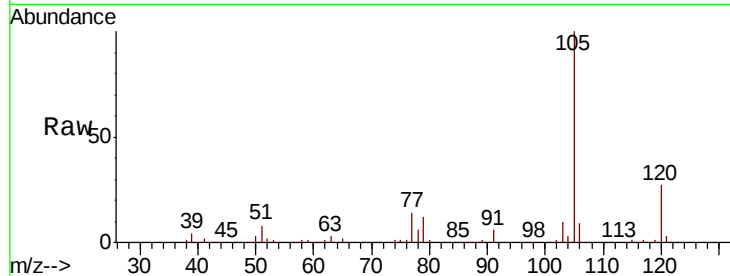
VSTDCCC050EC

Tot Ion:105 Resp: 813381

Ion Ratio Lower Upper

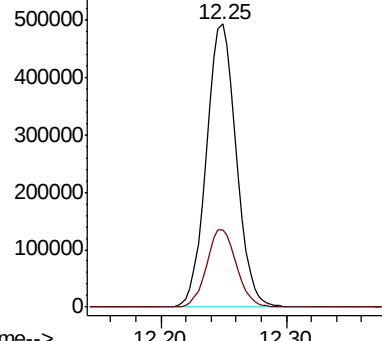
105 100

120 27.4 13.6 40.7

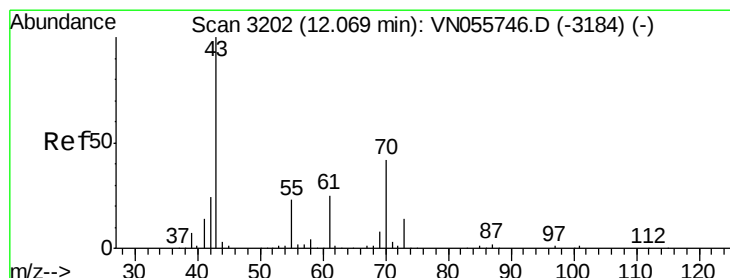
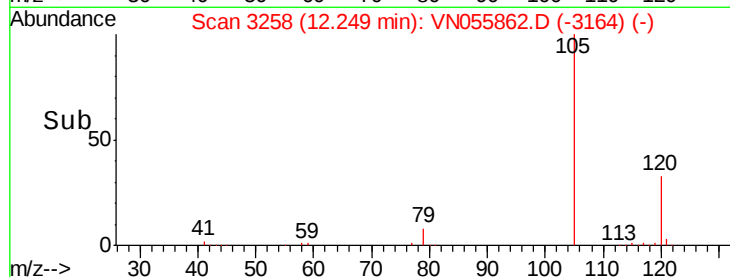


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 49.340 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Tgt Ion: 43 Resp: 287137

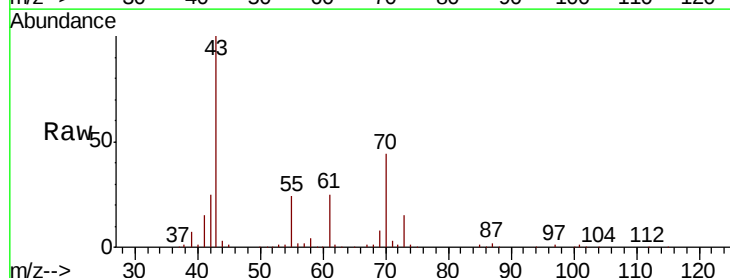
Ion Ratio Lower Upper

43 100

70 44.1 34.0 51.0

55 24.4 18.6 28.0

61 25.3 20.0 30.0

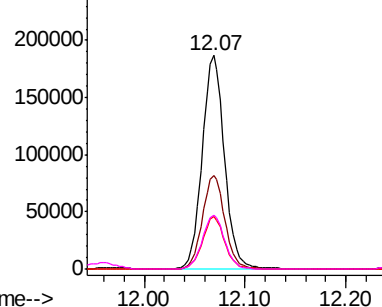


Abundance Ion 43.00 (42.70 to 43.70): VN0

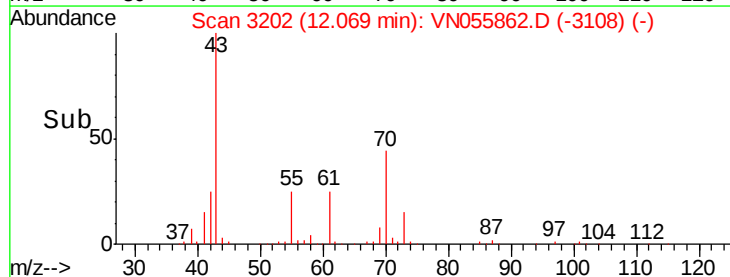
Ion 70.00 (69.70 to 70.70): VN0

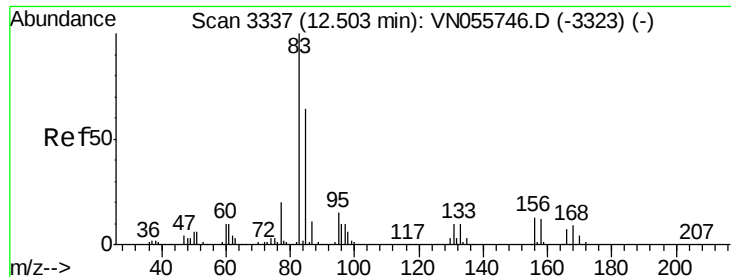
Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.978 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

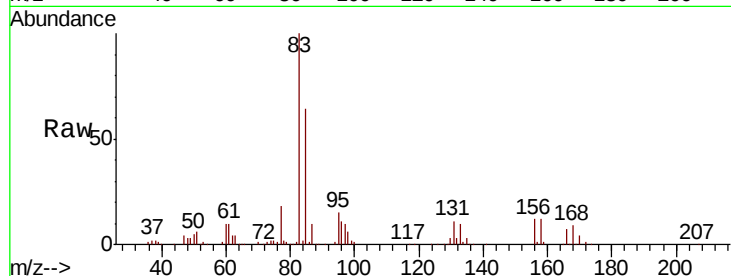
Tot Ion: 83 Resp: 238829

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

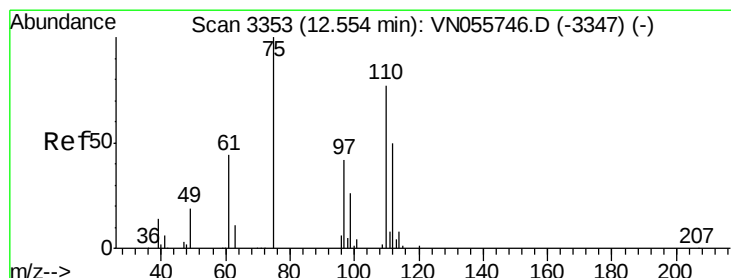
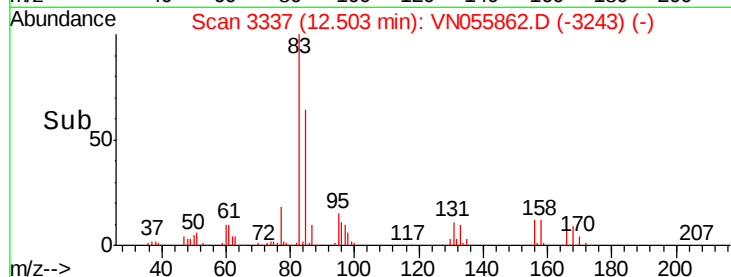
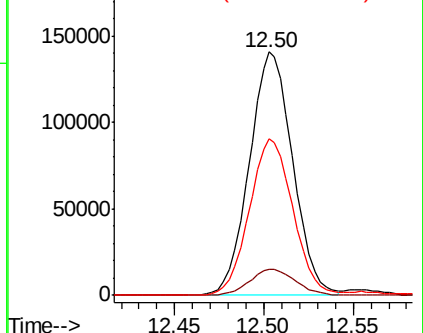
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055862.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055862.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055862.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 79.562 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055862.D

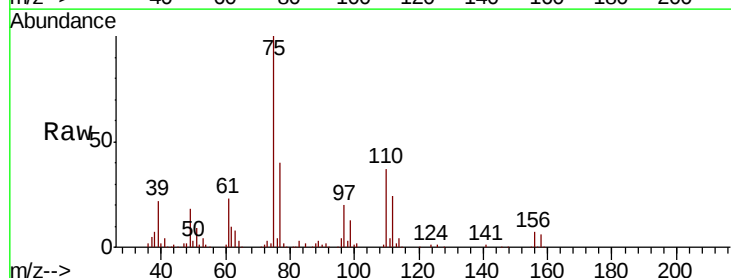
Acq: 28 May 2019 19:07

Tgt Ion: 75 Resp: 287358

Ion Ratio Lower Upper

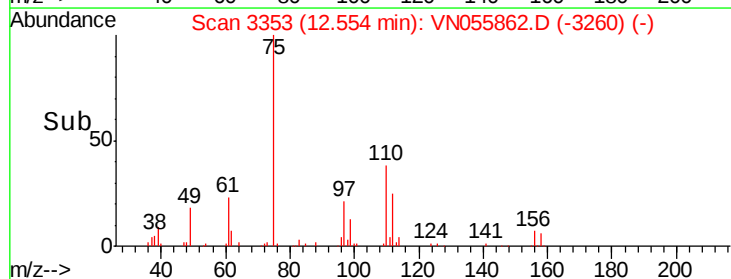
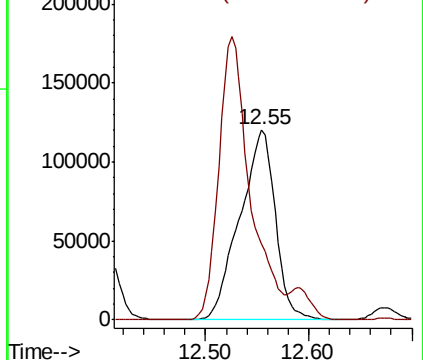
75 100

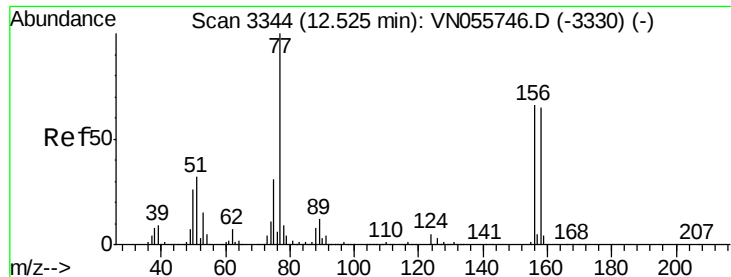
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055862.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055862.D (-3260) (-)





#77

Bromobenzene

Concen: 48.879 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

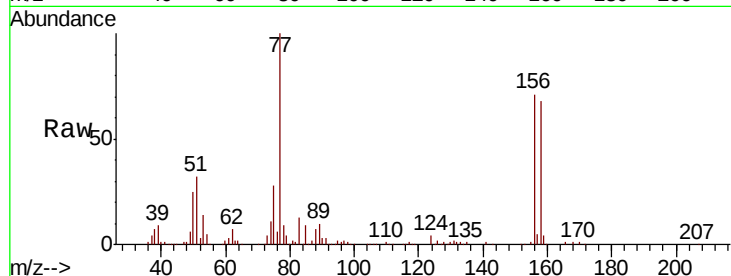
Tot Ion:156 Resp: 224022

Ion Ratio Lower Upper

156 100

77 169.2 90.8 272.5

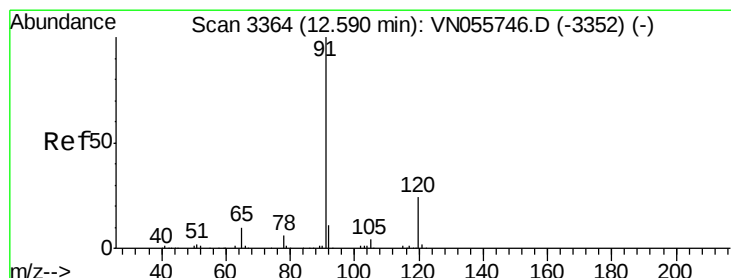
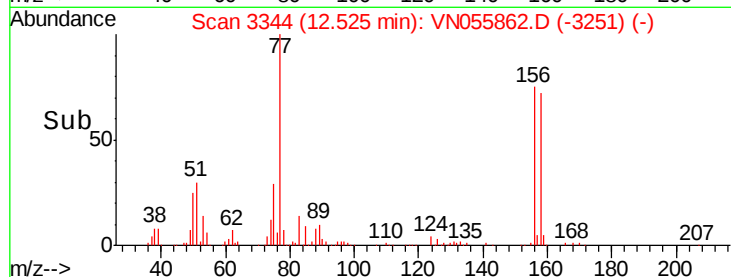
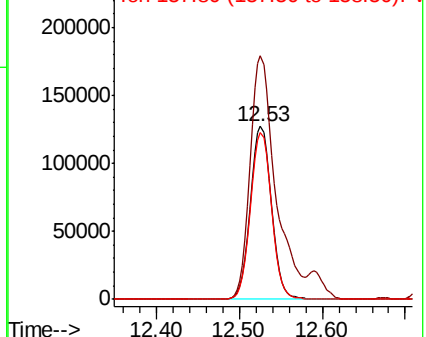
158 95.8 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.430 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055862.D

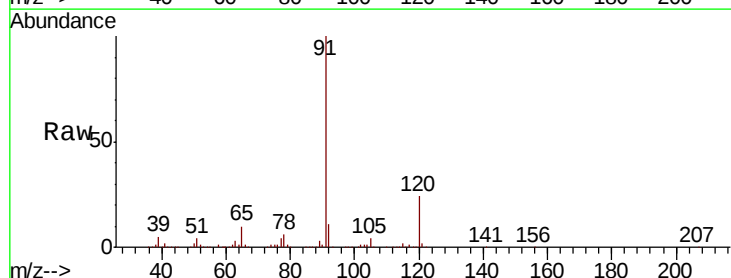
Acq: 28 May 2019 19:07

Tgt Ion: 91 Resp: 866717

Ion Ratio Lower Upper

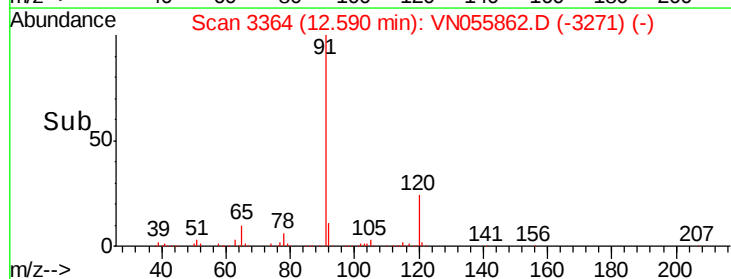
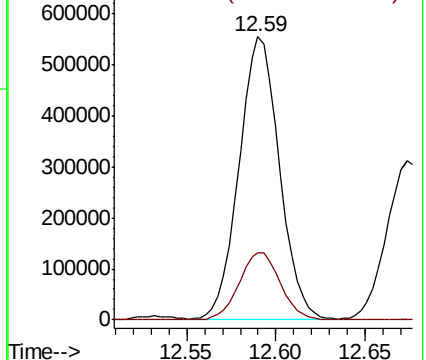
91 100

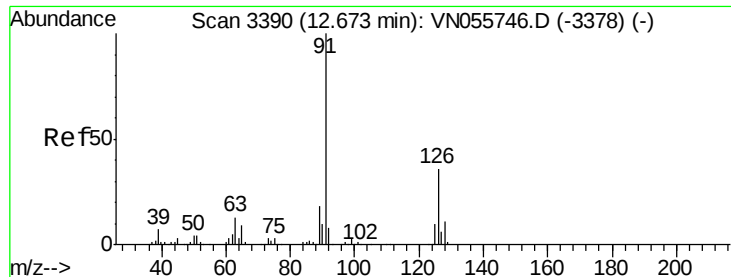
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

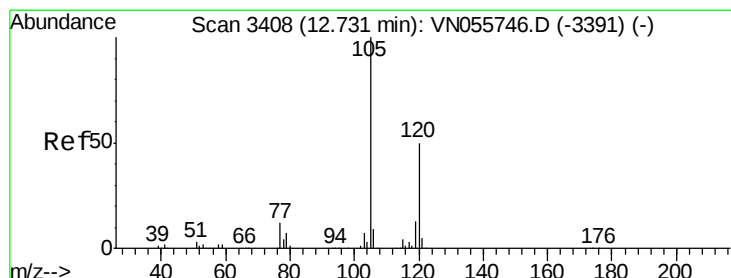
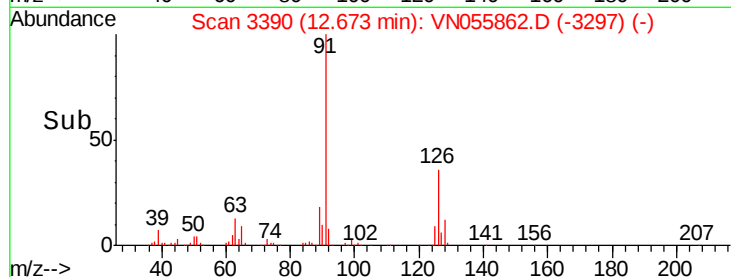
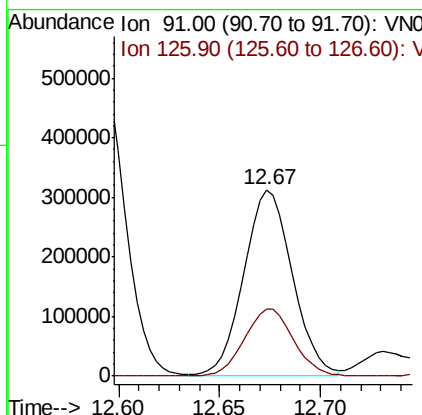
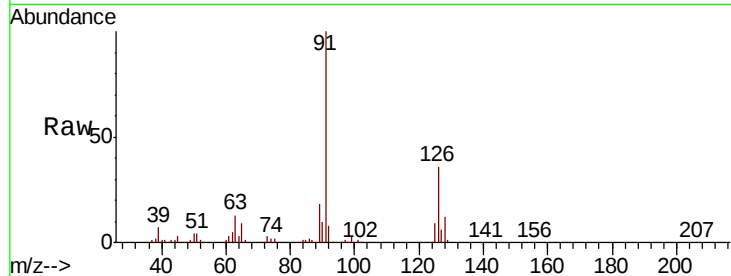




#79
 2-Chlorotoluene
 Concen: 52.098 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

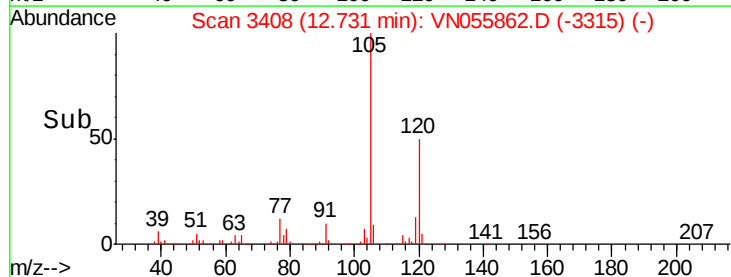
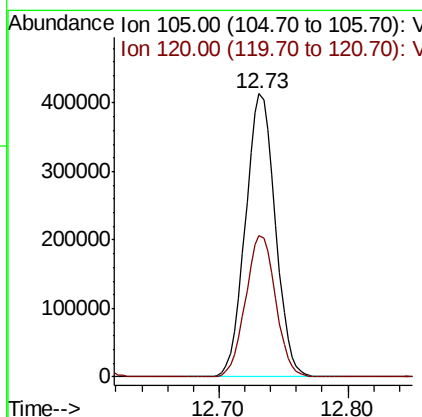
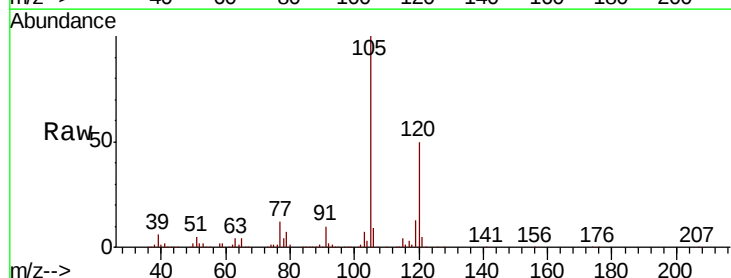
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

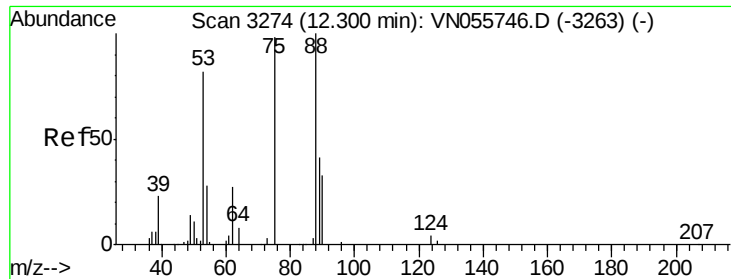
Tot Ion: 91 Resp: 522772
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.936 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion: 105 Resp: 666619
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.7 74.1

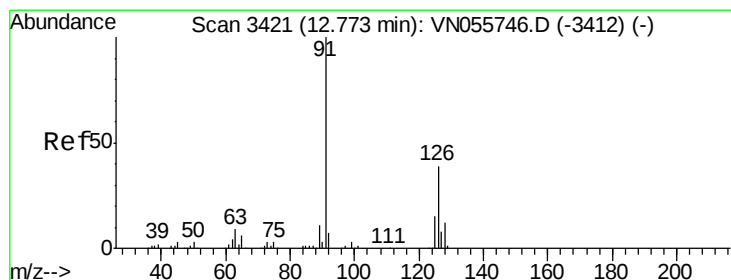
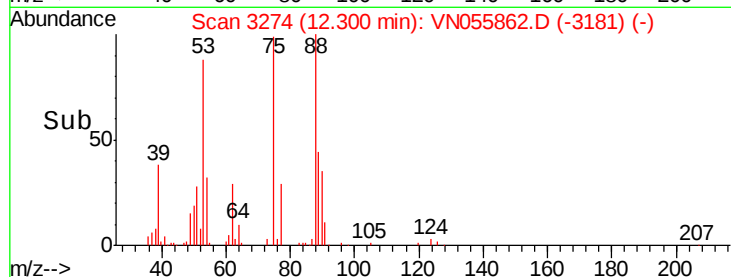
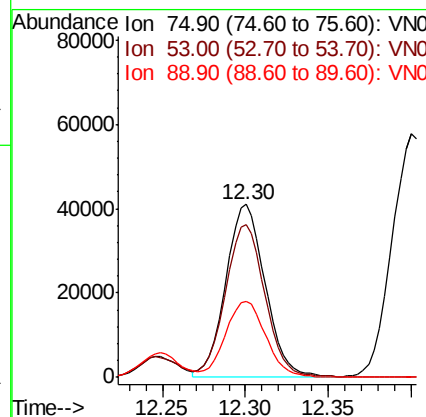
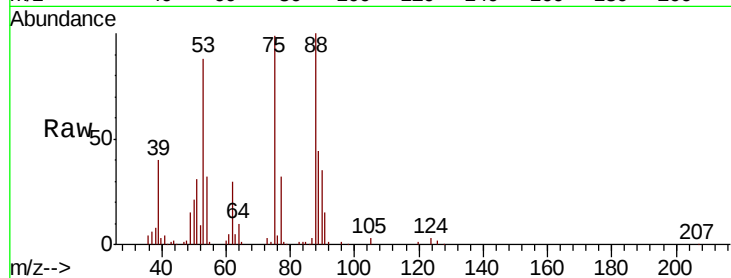




#81
trans-1,4-Dichloro-2-butene
Concen: 42.640 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

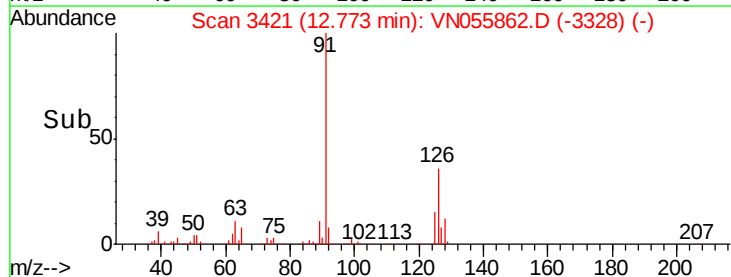
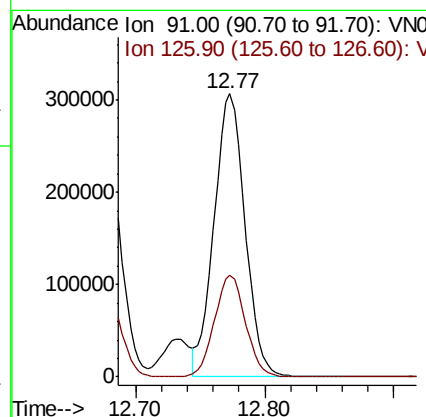
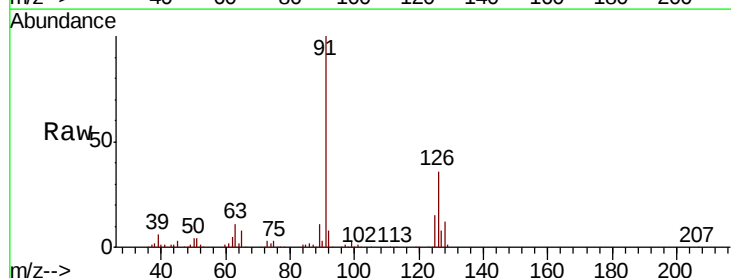
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

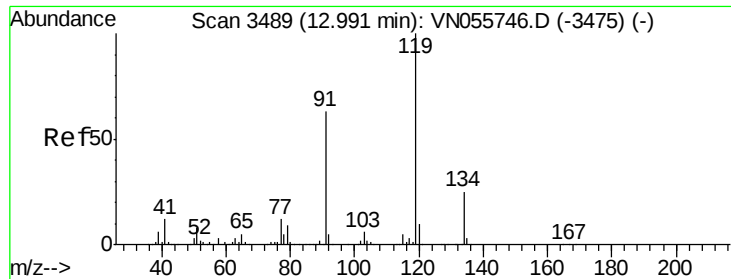
Tot Ion: 75 Resp: 68066
Ion Ratio Lower Upper
75 100
53 88.7 68.1 102.1
89 44.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.474 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion: 91 Resp: 509965
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.3

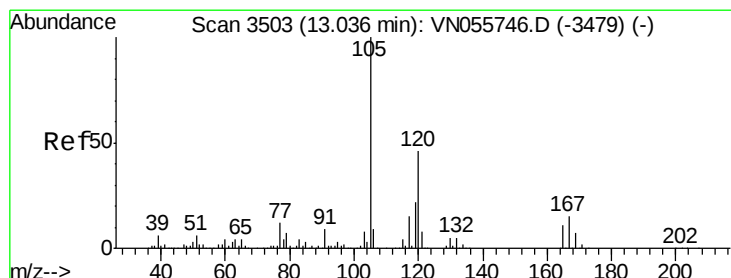
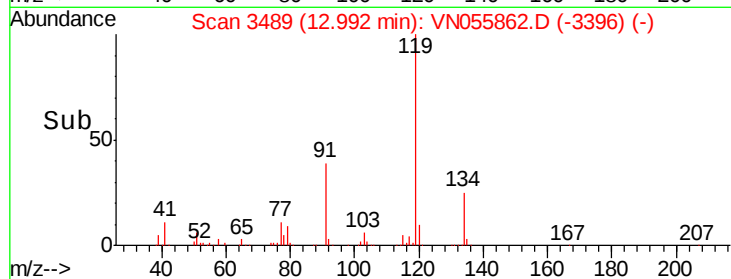
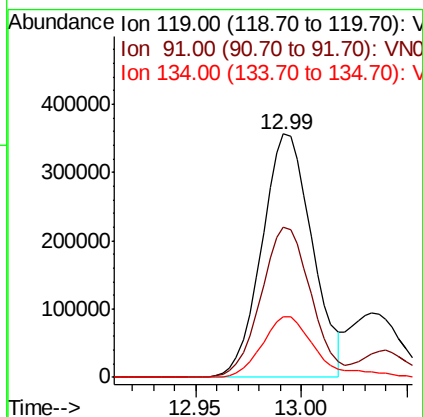
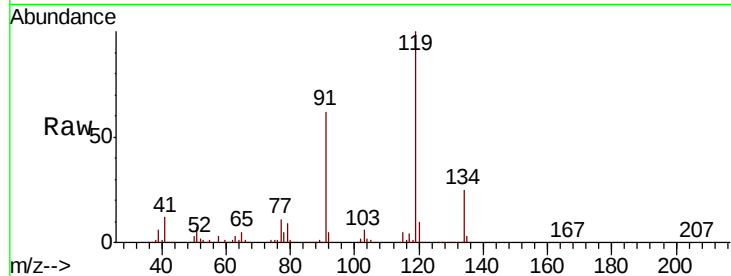




#83
tert-Butylbenzene
Concen: 53.461 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

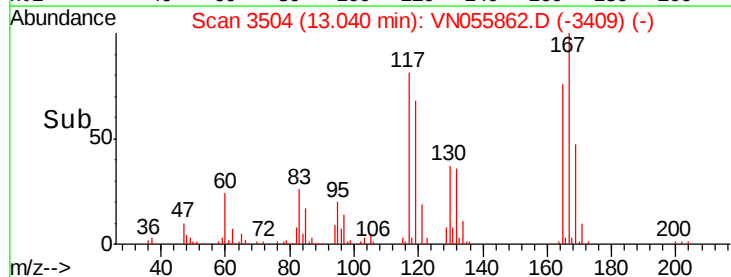
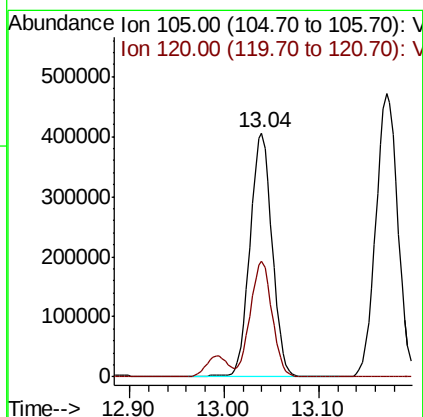
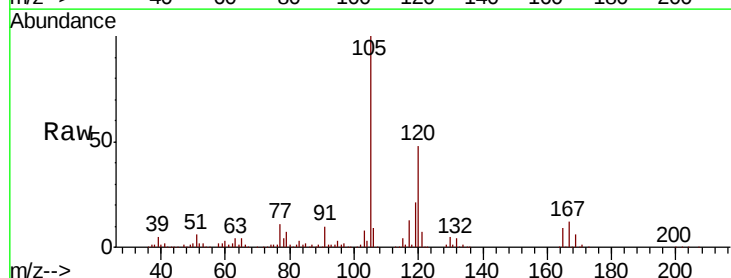
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

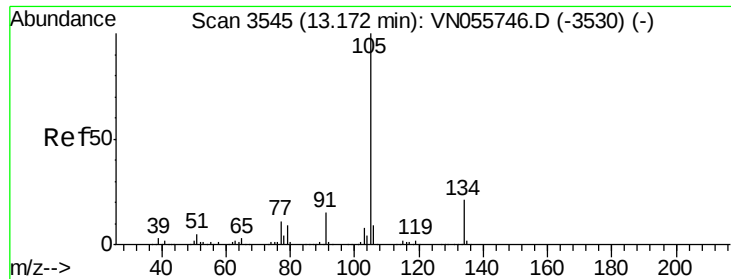
Tot Ion:119 Resp: 591956
Ion Ratio Lower Upper
119 100
91 61.2 30.9 92.8
134 26.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.448 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055862.D
Acq: 28 May 2019 19:07

Tgt Ion:105 Resp: 659671
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.700 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

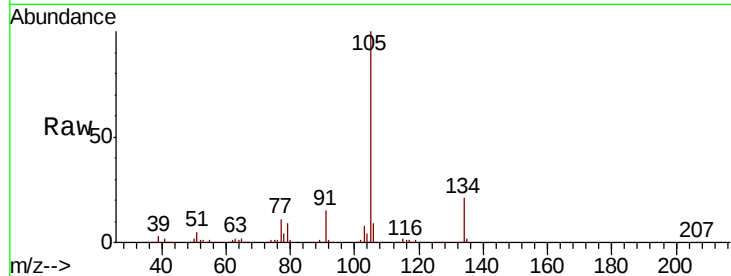
VSTDCCC050EC

Tot Ion:105 Resp: 760121

Ion Ratio Lower Upper

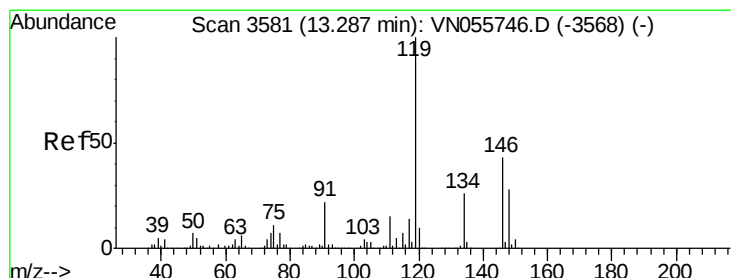
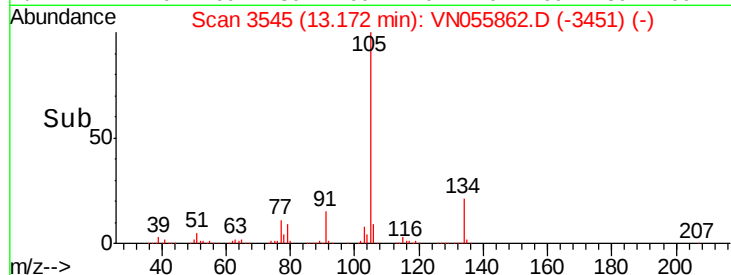
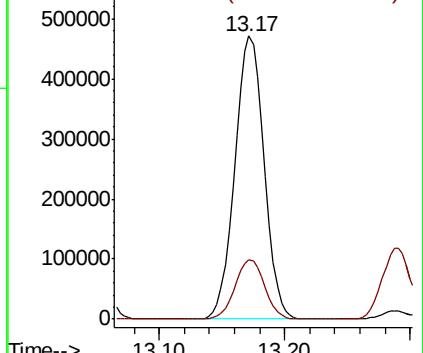
105 100

134 21.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.499 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

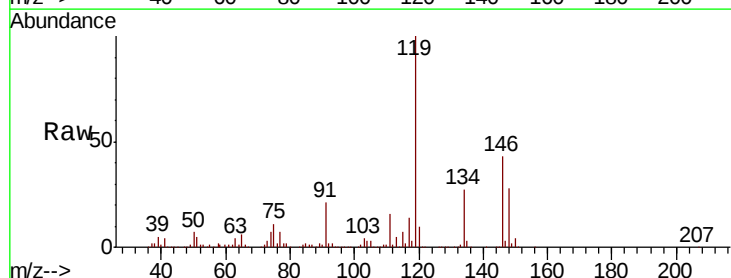
Tgt Ion:119 Resp: 693554

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

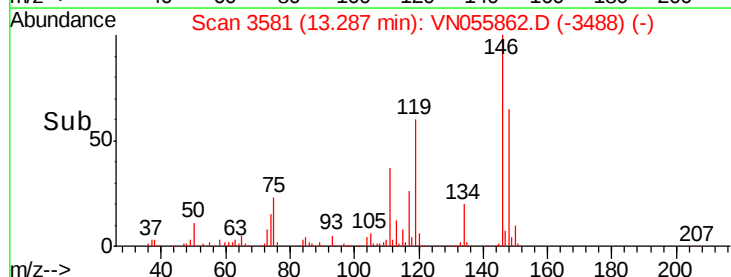
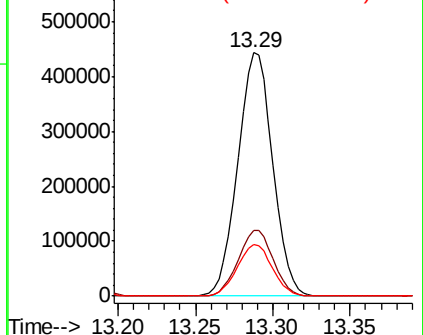
91 21.3 10.9 32.9

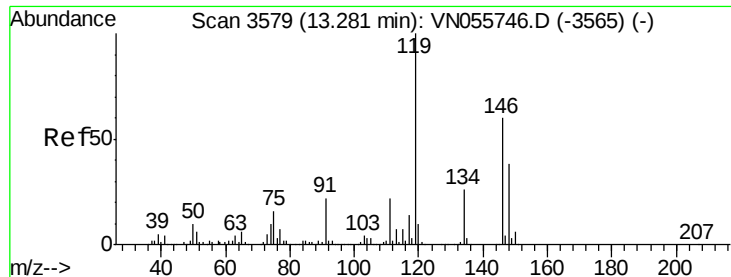


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

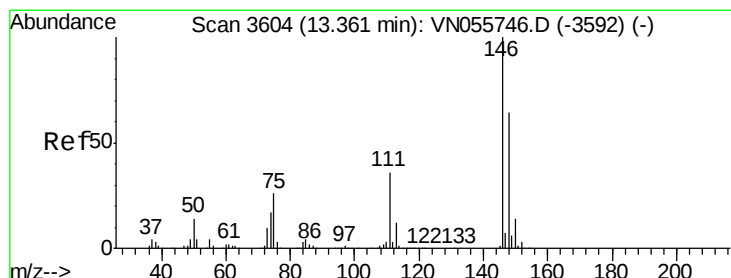
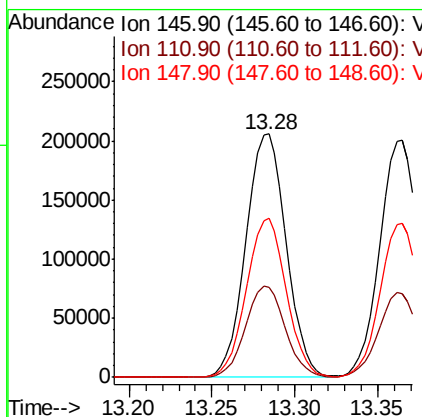
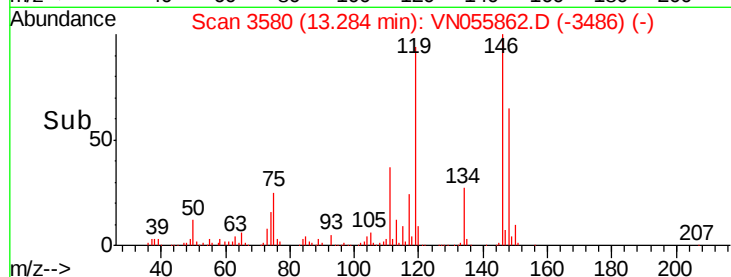
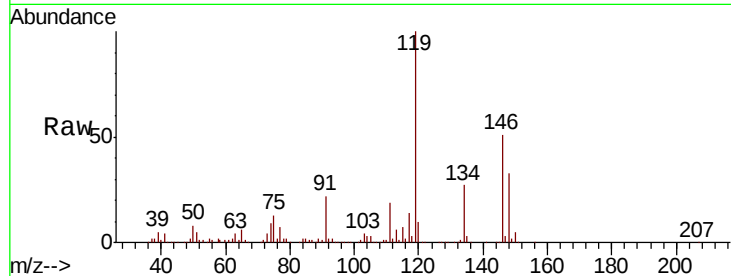




#87
 1,3-Dichlorobenzene
 Concen: 48.130 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

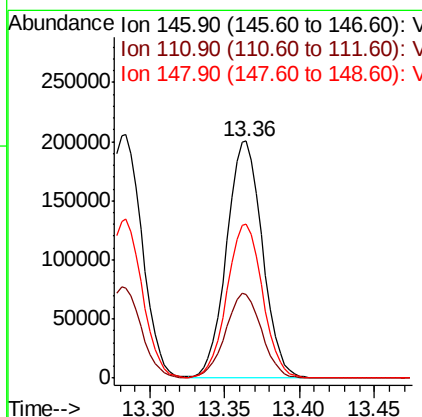
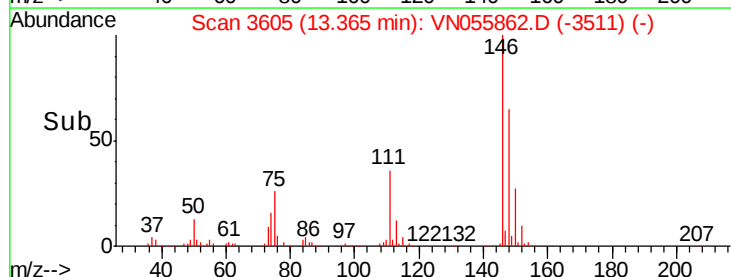
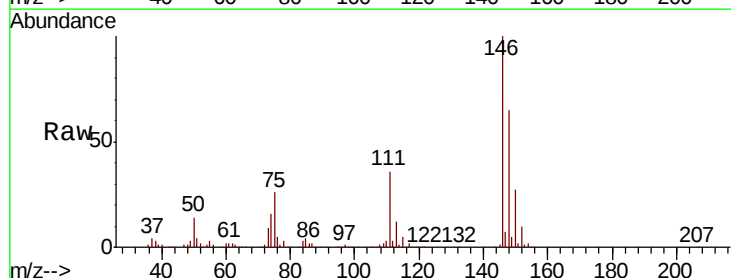
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

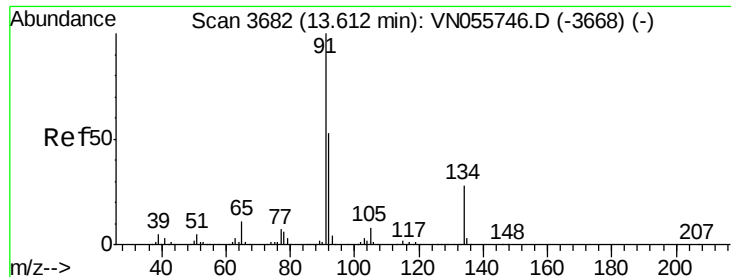
Tot Ion:146 Resp: 349288
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.517 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion:146 Resp: 334753
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 46.729 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

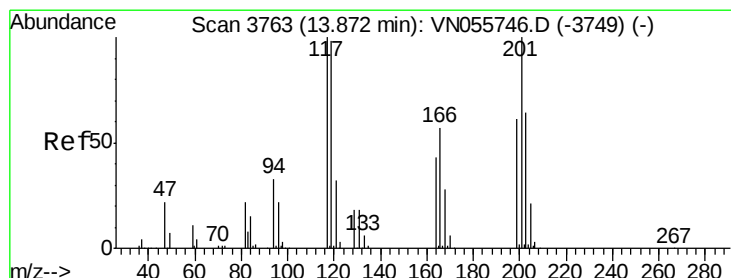
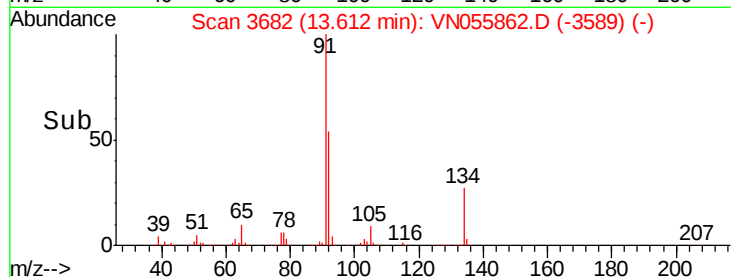
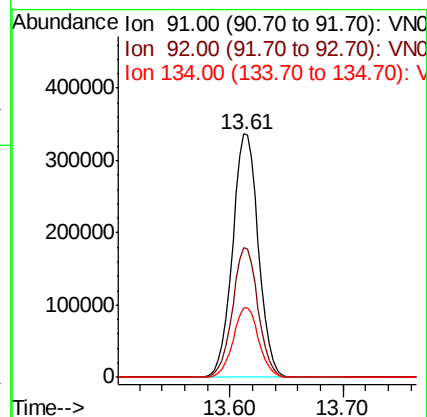
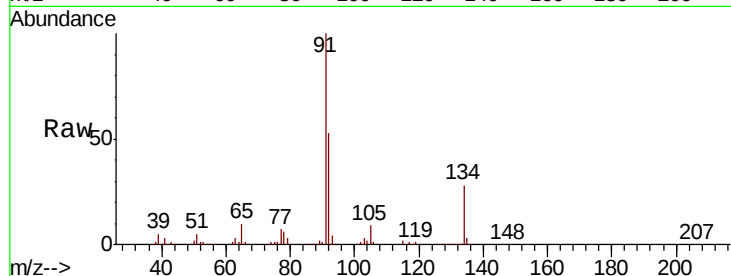
Tot Ion: 91 Resp: 534038

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 28.4 13.9 41.7



#90

Hexachloroethane

Concen: 43.540 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055862.D

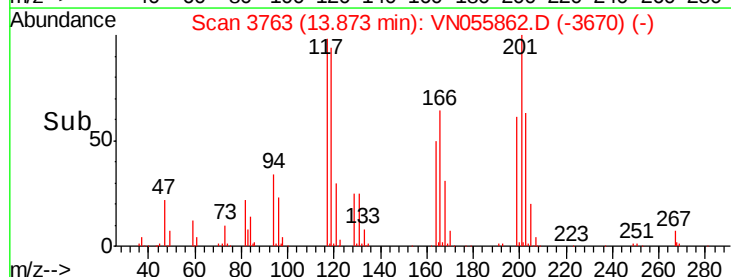
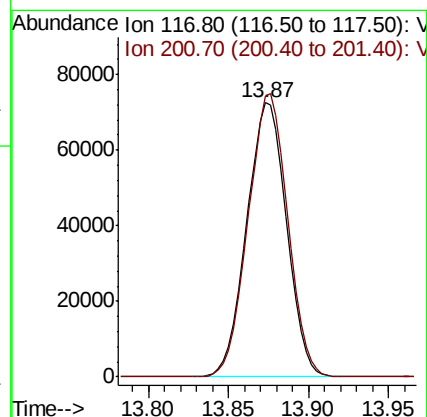
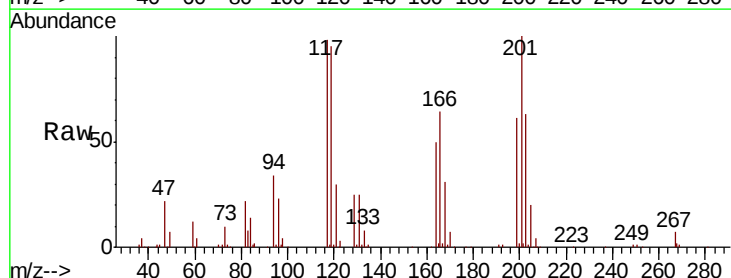
Acq: 28 May 2019 19:07

Tgt Ion: 117 Resp: 123610

Ion Ratio Lower Upper

117 100

201 102.7 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 47.609 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

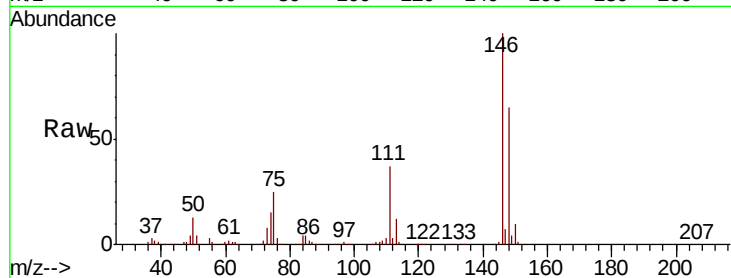
Tot Ion:146 Resp: 344706

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

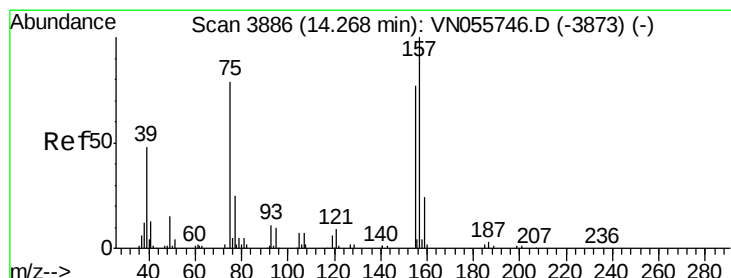
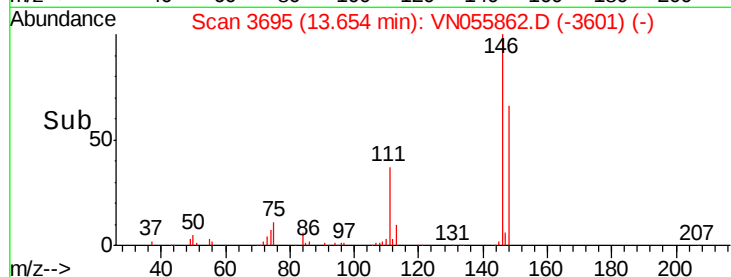
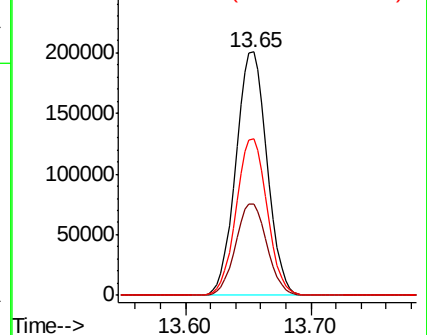
148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.999 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

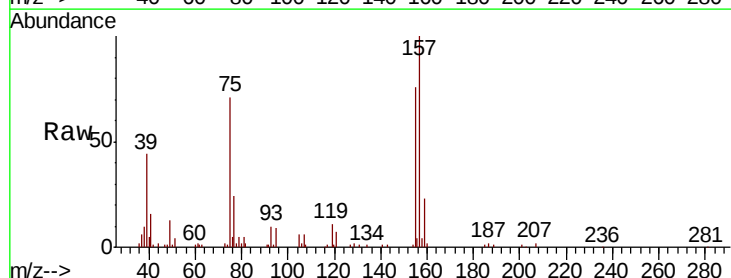
Tgt Ion: 75 Resp: 40920

Ion Ratio Lower Upper

75 100

155 106.0 50.0 150.1

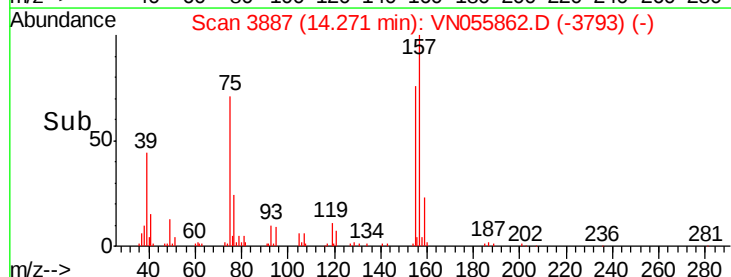
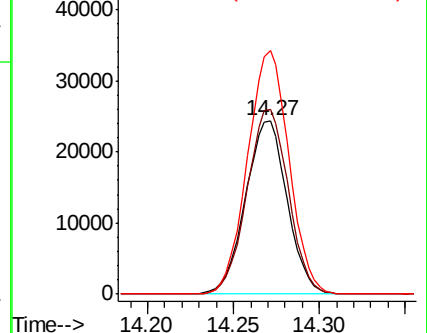
157 139.5 64.8 194.3

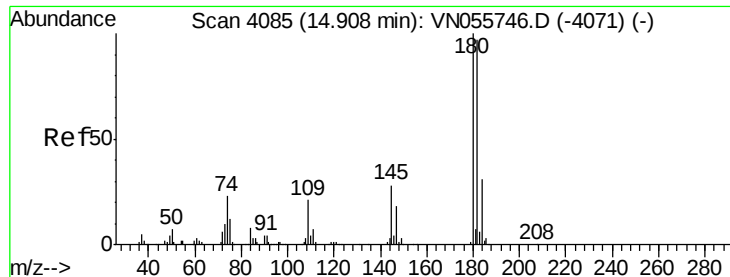


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

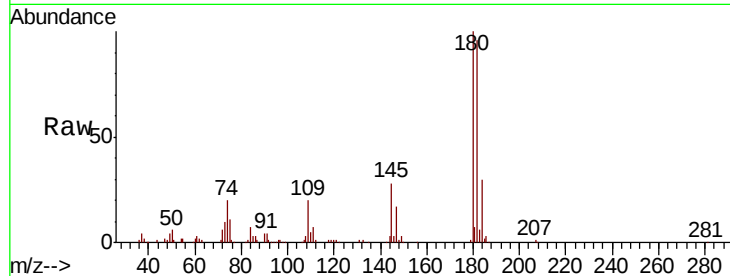




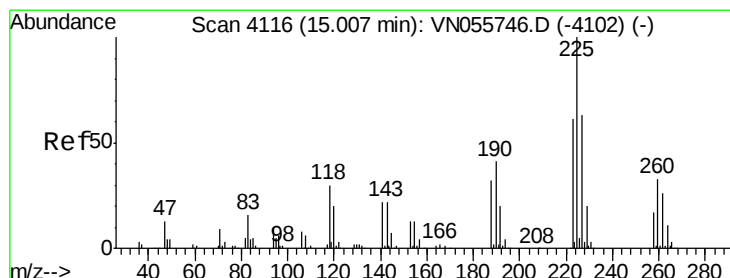
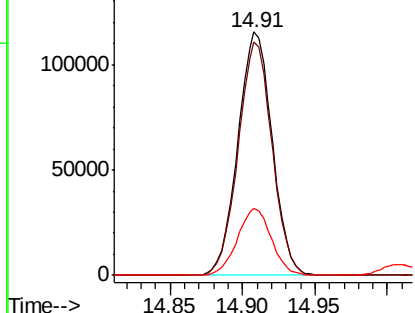
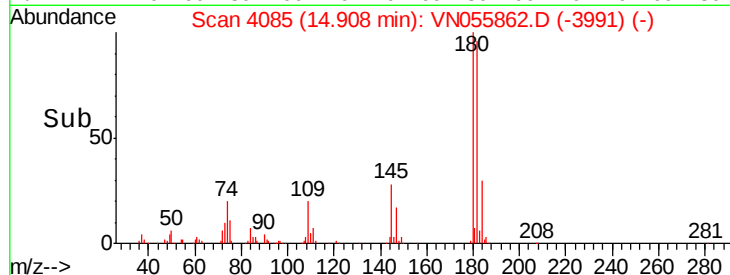
#93
 1,2,4-Trichlorobenzene
 Concen: 45.780 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 189328
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 27.3 14.0 41.9

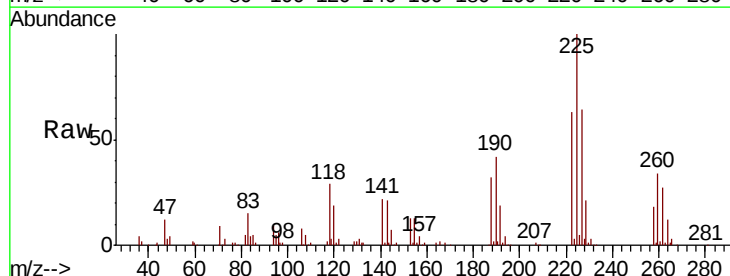


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

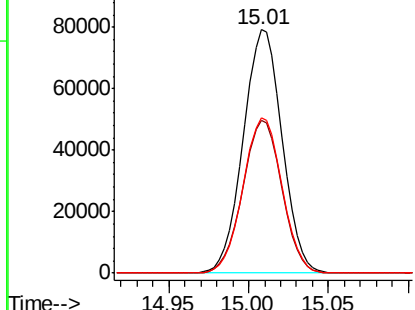
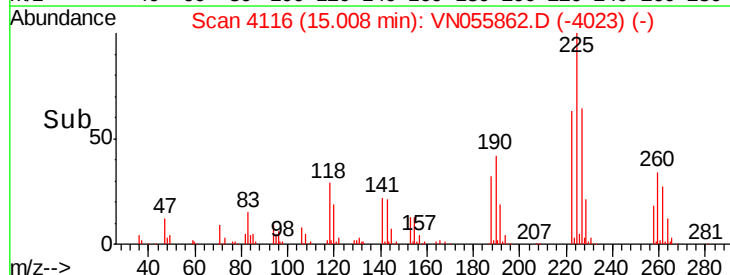


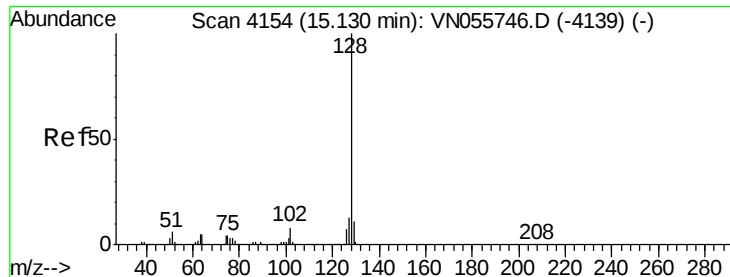
#94
 Hexachlorobutadiene
 Concen: 51.510 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055862.D
 Acq: 28 May 2019 19:07

Tgt Ion:225 Resp: 131113
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.7
 227 64.0 31.6 94.7



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





#95

Naphthalene

Concen: 51.479 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

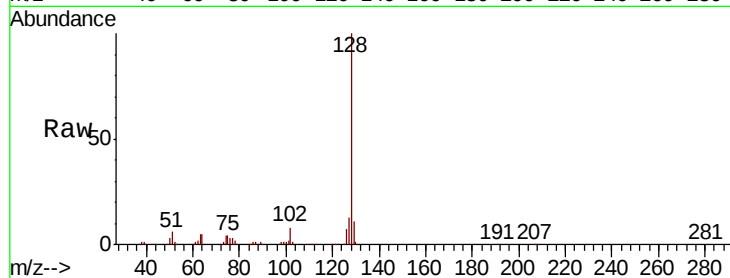
Tot Ion:128 Resp: 511468

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

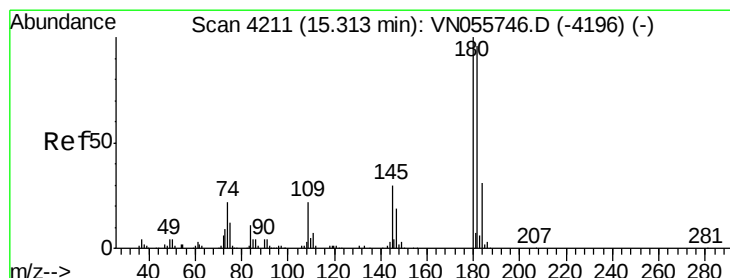
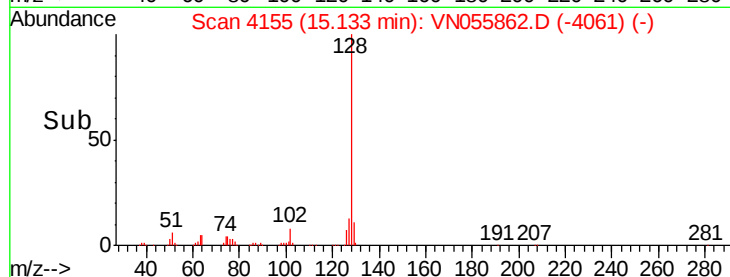
300000

200000

100000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 51.491 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055862.D

Acq: 28 May 2019 19:07

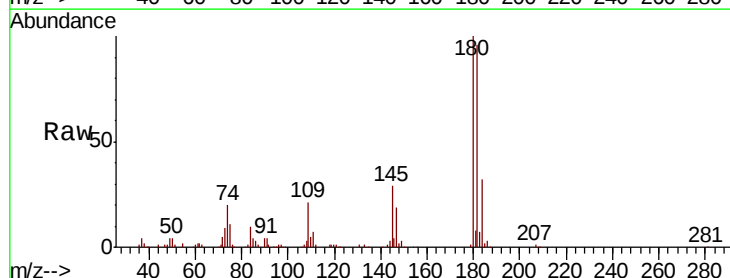
Tgt Ion:180 Resp: 197076

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 28.9 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.31

100000

50000

0

Time-->

