

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080919\
 Data File : VN057162.D
 Acq On : 9 Aug 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 02:17:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1070793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1615976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1457312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	582913	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	558019	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	6.99	113	515655	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	9.56	98	1933661	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.92	95	646981	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.82	85	391520	45.492 ug/l	97
3) Chloromethane	2.00	50	500648	43.782 ug/l	99
4) Vinyl Chloride	2.11	62	498970	46.944 ug/l	99
5) Bromomethane	2.43	94	349864	48.444 ug/l	99
6) Chloroethane	2.55	64	332151	48.720 ug/l	98
7) Trichlorofluoromethane	2.82	101	742543	48.602 ug/l	98
8) Diethyl Ether	3.14	74	293127	49.659 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.44	101	441960	47.719 ug/l	99
10) Methyl Iodide	3.63	142	716336	51.182 ug/l	100
11) Tert butyl alcohol	4.23	59	358029	228.466 ug/l	99
12) 1,1-Dichloroethene	3.43	96	451606	49.565 ug/l	99
13) Acrolein	3.31	56	210891	212.725 ug/l	100
14) Allyl chloride	3.91	41	627097	47.359 ug/l	97
15) Acrylonitrile	4.45	53	1074766	253.408 ug/l	99
16) Acetone	3.47	43	797152	239.692 ug/l	99
17) Carbon Disulfide	3.72	76	1167993	48.186 ug/l	98
18) Methyl Acetate	3.89	43	499435	50.408 ug/l	100
19) Methyl tert-butyl Ether	4.49	73	1406142	51.119 ug/l	100
20) Methylene Chloride	4.10	84	520525	47.424 ug/l	99
21) trans-1,2-Dichloroethene	4.51	96	484486	48.813 ug/l	97
22) Diisopropyl ether	5.32	45	1436693	49.743 ug/l	97
23) Vinyl Acetate	5.26	43	5661619	255.987 ug/l	100
24) 1,1-Dichloroethane	5.25	63	874560	49.258 ug/l	98
25) 2-Butanone	6.20	43	1293775	254.619 ug/l	99
26) 2,2-Dichloropropane	6.21	77	546253	42.289 ug/l	98
27) cis-1,2-Dichloroethene	6.21	96	569490	50.084 ug/l	99
28) Bromochloromethane	6.59	49	378013	46.288 ug/l	100
29) Tetrahydrofuran	6.60	42	862551	251.993 ug/l	99
30) Chloroform	6.76	83	894013	48.650 ug/l	99
31) Cyclohexane	7.07	56	743232	46.529 ug/l	99
32) 1,1,1-Trichloroethane	6.98	97	781315	50.684 ug/l	99
36) 1,1-Dichloropropene	7.20	75	659536	49.570 ug/l	99
37) Ethyl Acetate	6.28	43	542335	49.447 ug/l #	99
38) Carbon Tetrachloride	7.19	117	692982	49.976 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.53	83	771231	47.665	ug/l	98
40) Benzene	7.46	78	2048964	48.645	ug/l	100
41) Methacrylonitrile	6.55	41	278838	50.049	ug/l	97
42) 1,2-Dichloroethane	7.54	62	658454	49.017	ug/l	99
43) Isopropyl Acetate	7.56	43	927984	49.579	ug/l	100
44) Trichloroethene	8.27	130	575416	48.762	ug/l	99
45) 1,2-Dichloropropane	8.56	63	538911	49.414	ug/l	98
46) Dibromomethane	8.65	93	345333	49.384	ug/l	98
47) Bromodichloromethane	8.85	83	702309	51.905	ug/l	99
48) Methyl methacrylate	8.64	41	428868	48.592	ug/l	98
49) 1,4-Dioxane	8.64	88	178611	993.627	ug/l	99
51) 4-Methyl-2-Pentanone	9.45	43	2695501	247.446	ug/l	100
52) Toluene	9.63	92	1298837	49.678	ug/l	98
53) t-1,3-Dichloropropene	9.86	75	718641	50.840	ug/l	98
54) cis-1,3-Dichloropropene	9.30	75	816761	50.356	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	511870	49.787	ug/l	99
56) Ethyl methacrylate	9.90	69	741219	51.490	ug/l	98
57) 1,3-Dichloropropane	10.19	76	836897	49.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.15	63	1116283	197.385	ug/l	98
59) 2-Hexanone	10.24	43	1900718	257.813	ug/l	99
60) Dibromochloromethane	10.39	129	575215	53.271	ug/l	99
61) 1,2-Dibromoethane	10.50	107	526160	49.594	ug/l	99
64) Tetrachloroethene	10.11	164	603824	49.822	ug/l	98
65) Chlorobenzene	10.93	112	1416584	48.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	548812	50.063	ug/l	100
67) Ethyl Benzene	11.01	91	2461466	48.774	ug/l	99
68) m/p-Xylenes	11.13	106	1843854	99.174	ug/l	99
69) o-Xylene	11.46	106	897988	48.530	ug/l	99
70) Styrene	11.47	104	1494933	51.725	ug/l	99
71) Bromoform	11.64	173	426309	53.089	ug/l #	100
73) Isopropylbenzene	11.76	105	2434943	51.358	ug/l	100
74) N-amyl acetate	11.58	43	704608	47.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	687547	54.464	ug/l	99
76) 1,2,3-Trichloropropane	12.08	75	804152	71.988	ug/l #	100
77) Bromobenzene	12.04	156	644664	46.012	ug/l	98
78) n-propylbenzene	12.11	91	2568786	45.935	ug/l	100
79) 2-Chlorotoluene	12.20	91	1572528	50.488	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	2026865	45.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.82	75	188365	47.513	ug/l	98
82) 4-Chlorotoluene	12.30	91	1484166	45.836	ug/l	100
83) tert-Butylbenzene	12.52	119	1821798	51.412	ug/l	98
84) 1,2,4-Trimethylbenzene	12.57	105	1932434	44.426	ug/l	100
85) sec-Butylbenzene	12.70	105	2247723	44.259	ug/l	98
86) p-Isopropyltoluene	12.82	119	1994506	44.756	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	968244	48.541	ug/l	99
88) 1,4-Dichlorobenzene	12.90	146	921629	48.765	ug/l	100
89) n-Butylbenzene	13.15	91	1402259	45.545	ug/l	99
90) Hexachloroethane	13.41	117	369084	52.143	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	963537	48.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	94498	46.117	ug/l	98

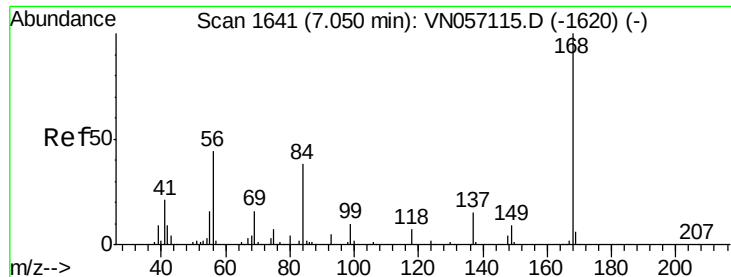
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	373153	44.862	ug/l	99
94) Hexachlorobutadiene	14.55	225	377333	54.629	ug/l	98
95) Naphthalene	14.67	128	706501	43.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.83	180	353607	41.561	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

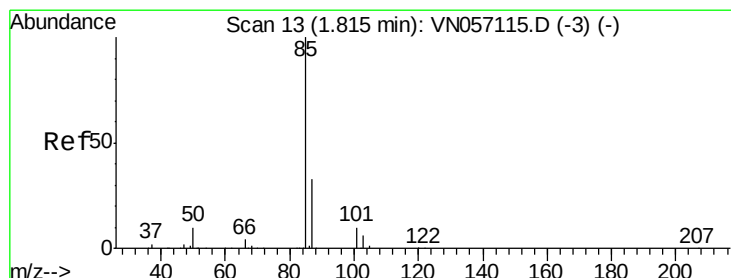
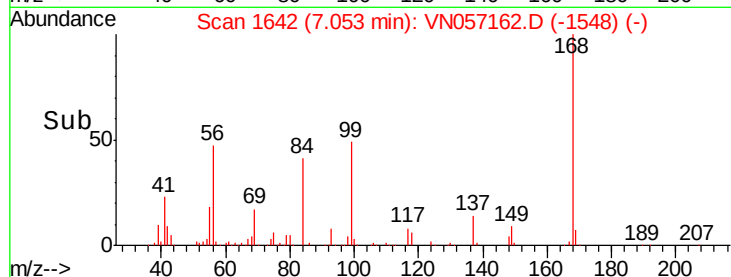
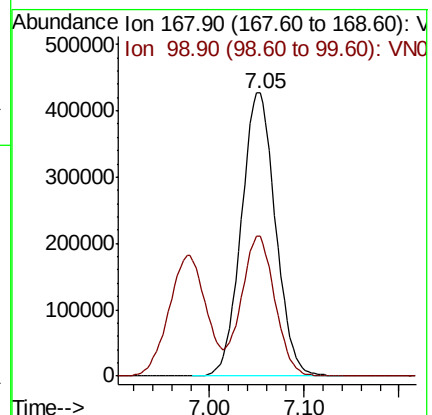
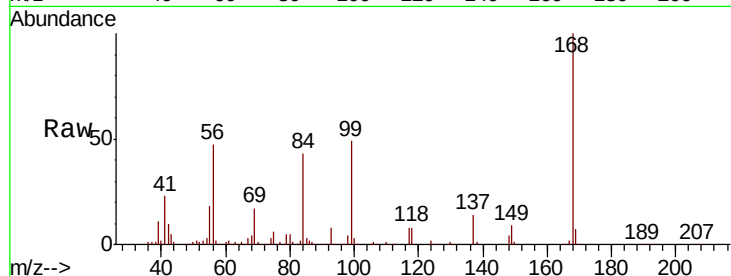
VSTDCCC050EC

Tgt Ion:168 Resp: 1070793

Ion Ratio Lower Upper

168 100

99 49.3 38.6 57.8



#2

Dichlorodifluoromethane

Concen: 45.492 ug/l

RT: 1.82 min Scan# 14

Delta R.T. 0.00 min

Lab File: VN057162.D

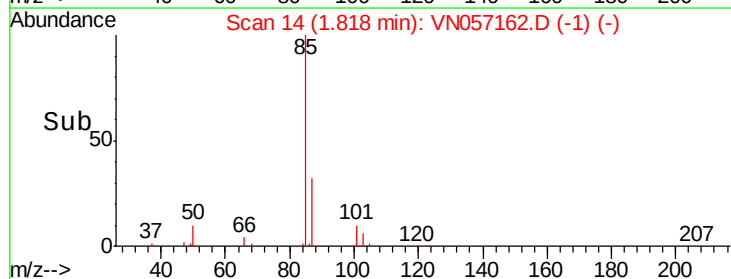
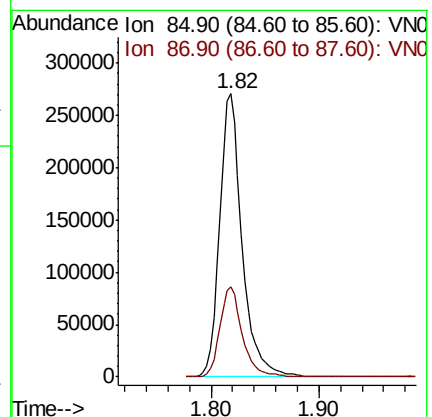
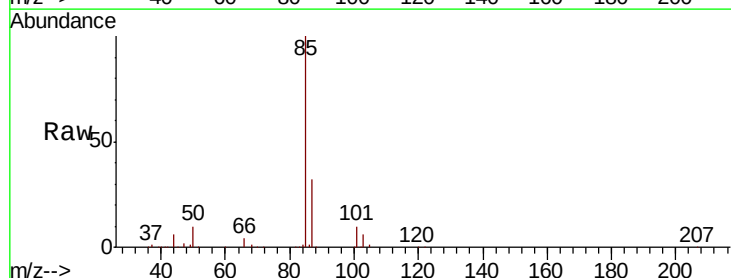
Acq: 9 Aug 2019 21:36

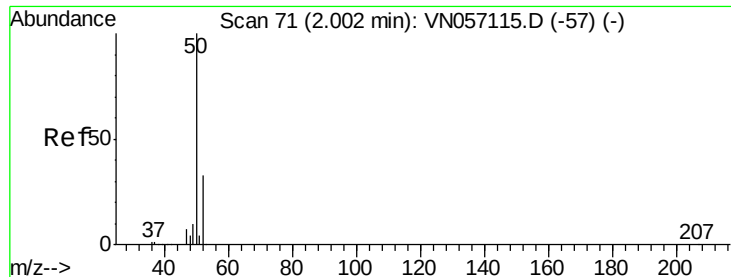
Tgt Ion: 85 Resp: 391520

Ion Ratio Lower Upper

85 100

87 31.8 16.7 50.0





#3

Chloromethane

Concen: 43.782 ug/l

RT: 2.00 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

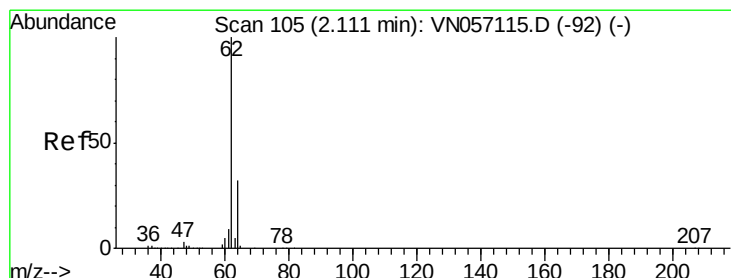
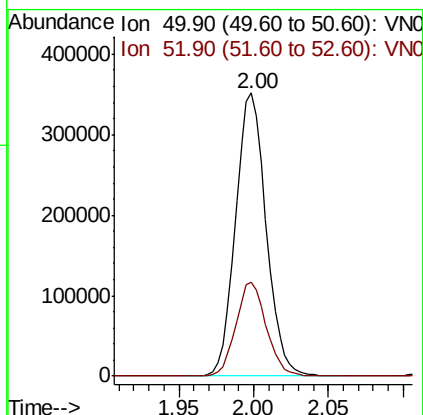
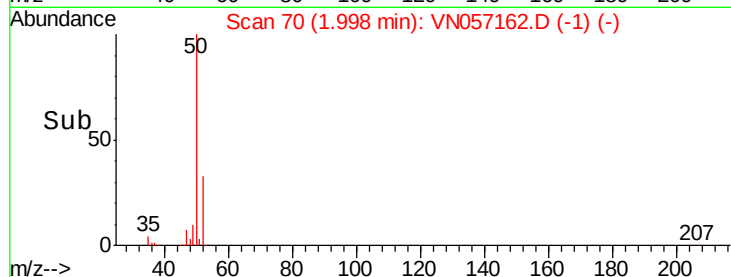
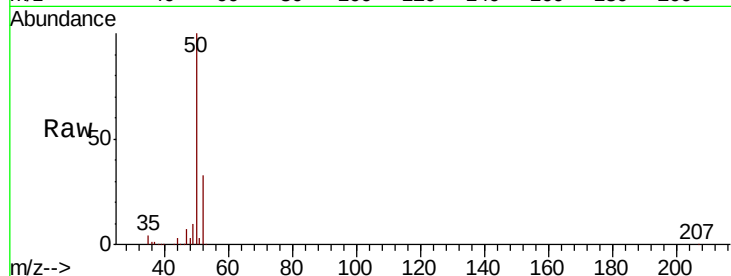
VSTDCCC050EC

Tgt Ion: 50 Resp: 500648

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 46.944 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057162.D

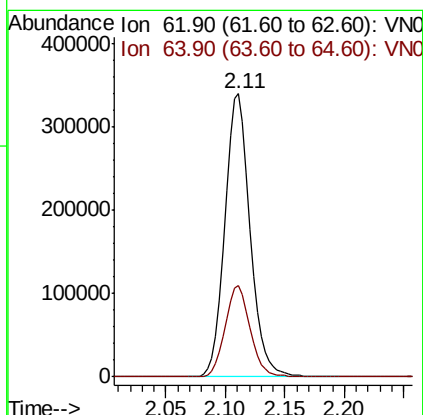
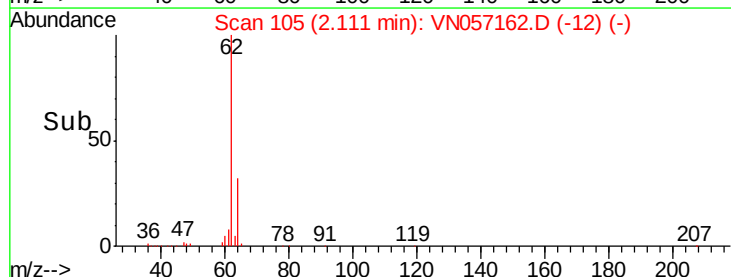
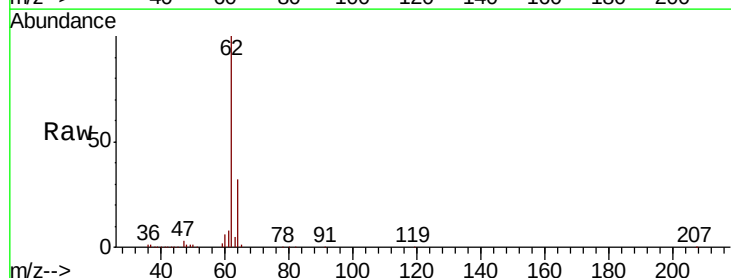
Acq: 9 Aug 2019 21:36

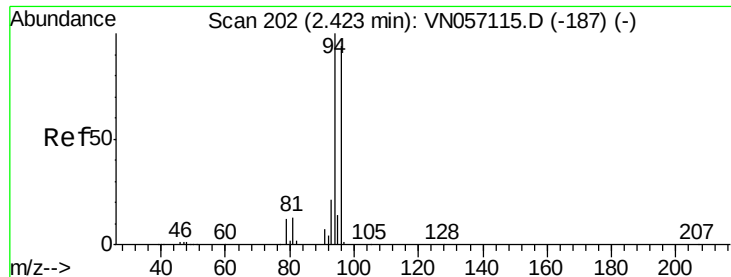
Tgt Ion: 62 Resp: 498970

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 48.444 ug/l

RT: 2.43 min Scan# 203

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

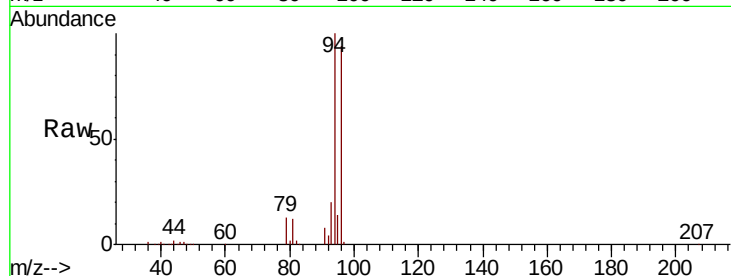
VSTDCCC050EC

Tgt Ion: 94 Resp: 349864

Ion Ratio Lower Upper

94 100

96 94.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN057162.D (-108) (-)

Ion 95.90 (95.60 to 96.60): VN057162.D (-108) (-)

2.43

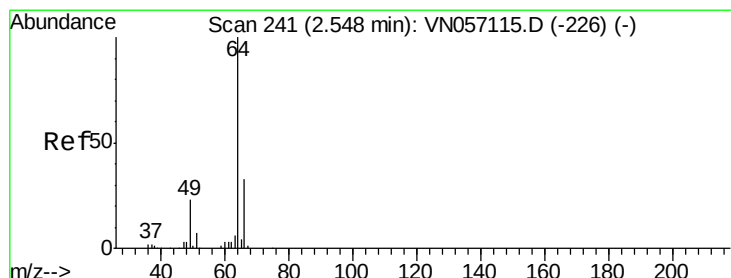
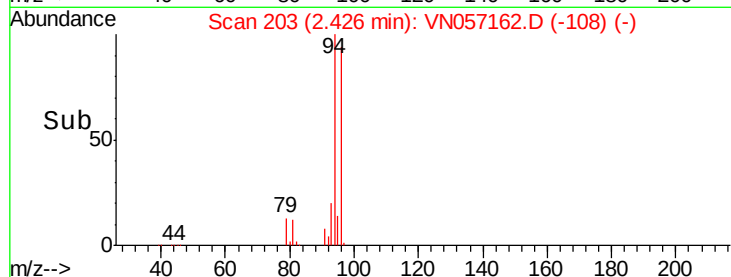
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.720 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN057162.D

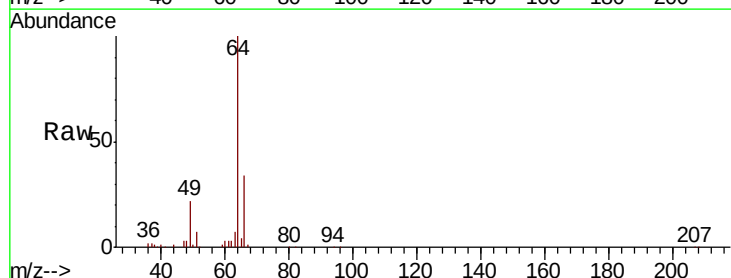
Acq: 9 Aug 2019 21:36

Tgt Ion: 64 Resp: 332151

Ion Ratio Lower Upper

64 100

66 34.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN057162.D (-148) (-)

Ion 65.90 (65.60 to 66.60): VN057162.D (-148) (-)

2.55

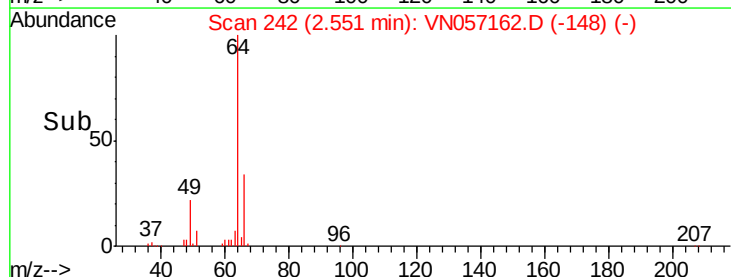
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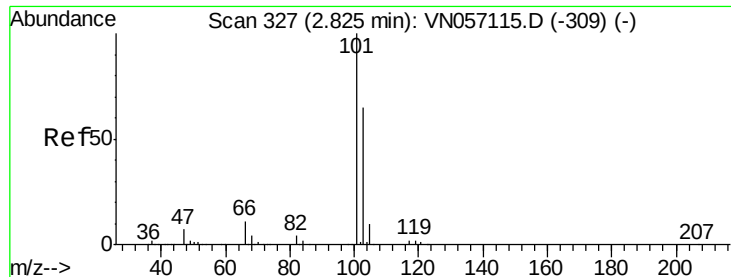
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Time-->



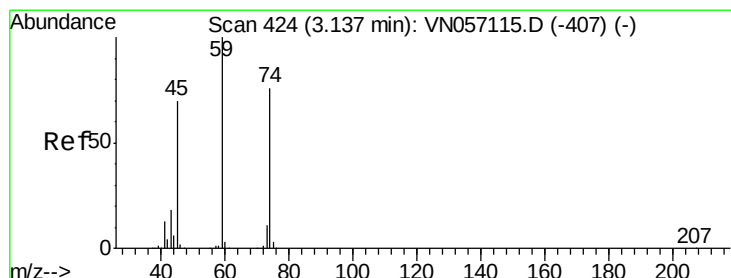
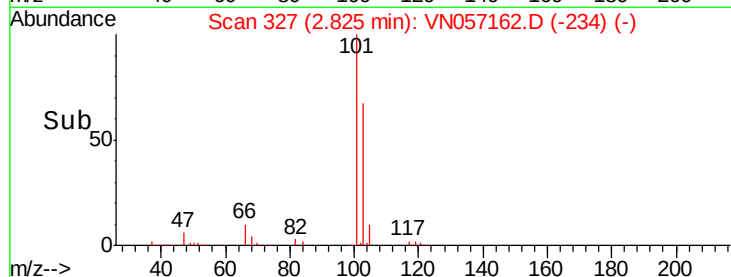
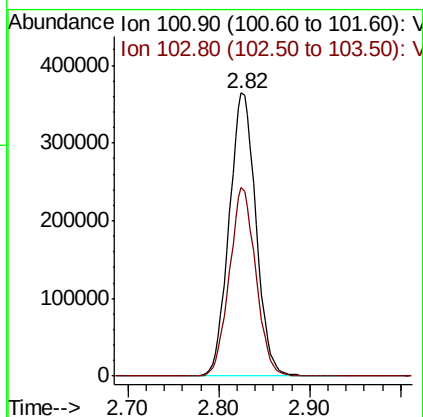
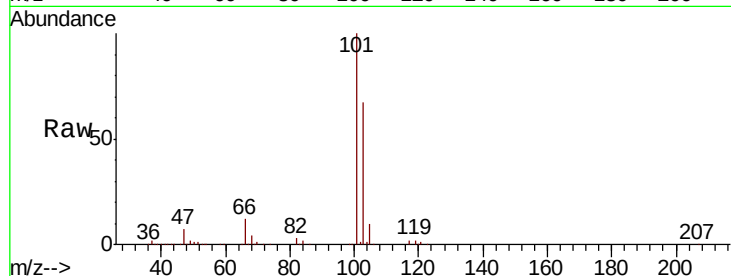


#7

Trichlorofluoromethane
 Concen: 48.602 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

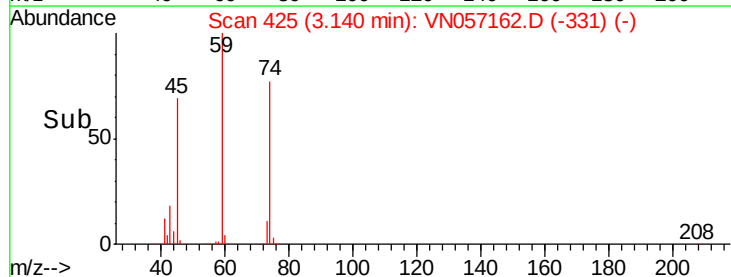
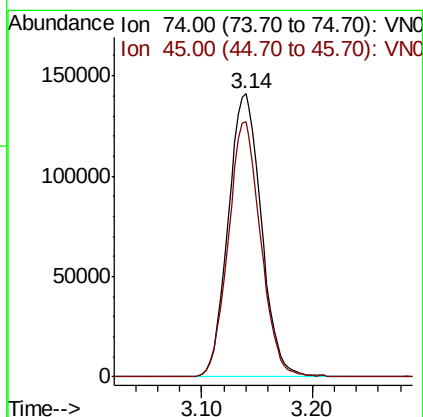
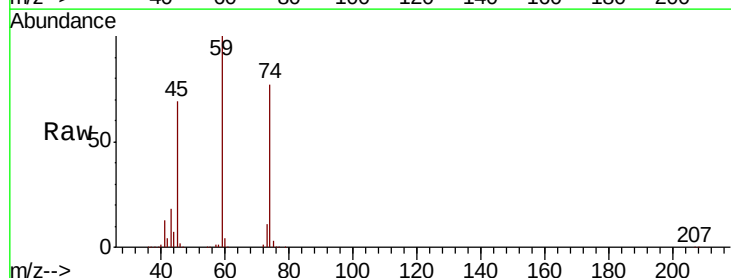
Tgt Ion: 101 Resp: 742543
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.2 78.4

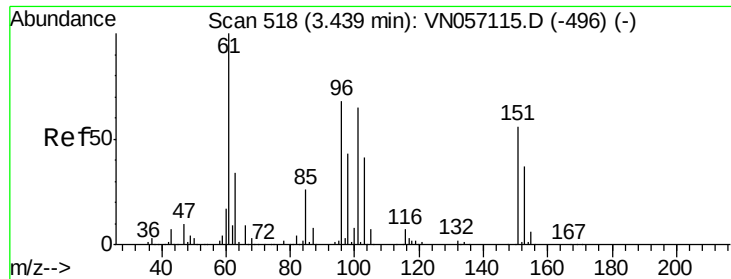


#8

Diethyl Ether
 Concen: 49.659 ug/l
 RT: 3.14 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 74 Resp: 293127
 Ion Ratio Lower Upper
 74 100
 45 88.4 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.719 ug/l

RT: 3.44 min Scan# 518

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

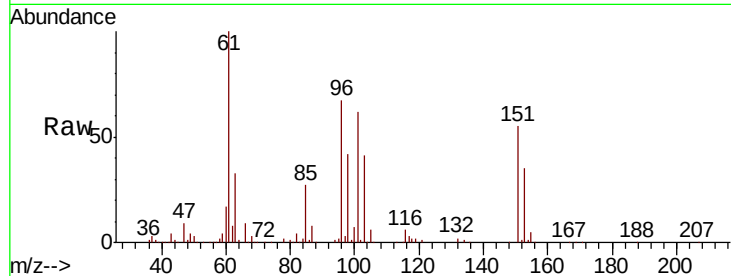
Tgt Ion:101 Resp: 441960

Ion Ratio Lower Upper

101 100

85 41.1 32.3 48.5

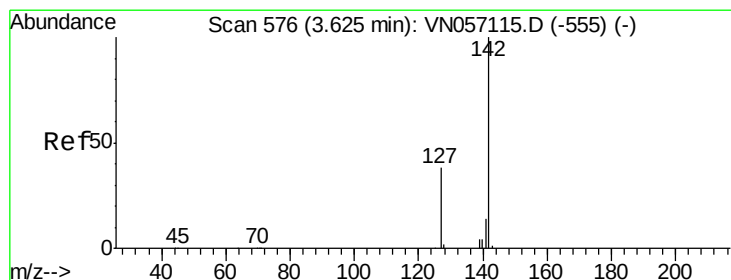
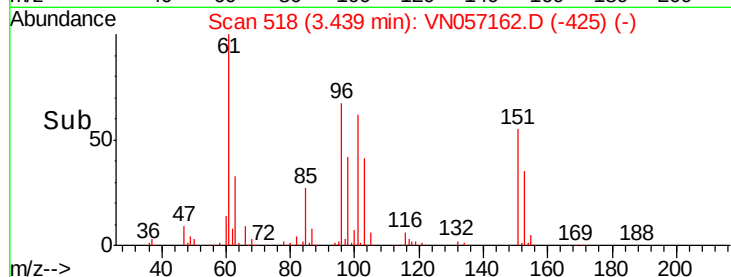
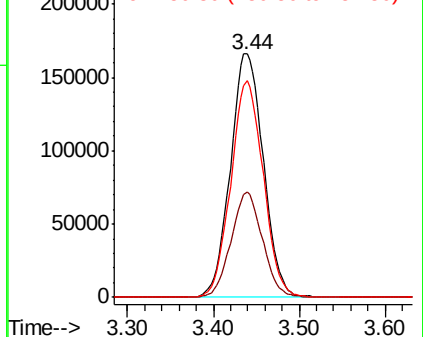
151 87.5 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.182 ug/l

RT: 3.63 min Scan# 576

Delta R.T. -0.00 min

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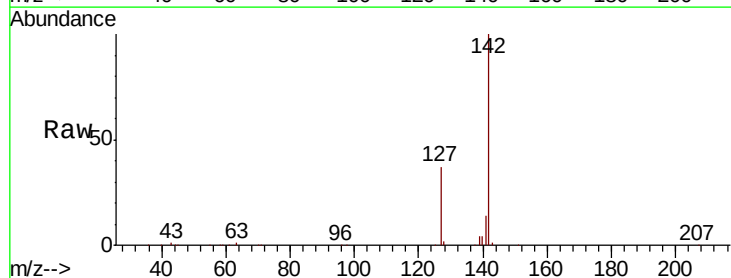
Tgt Ion:142 Resp: 716336

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.6

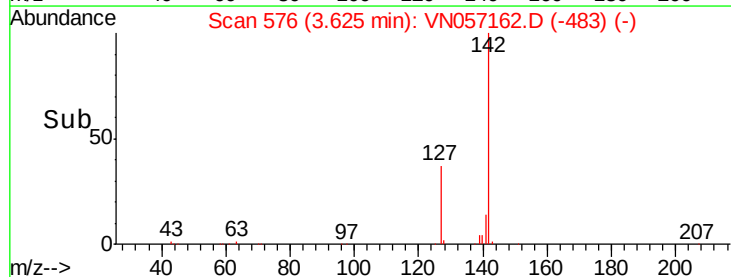
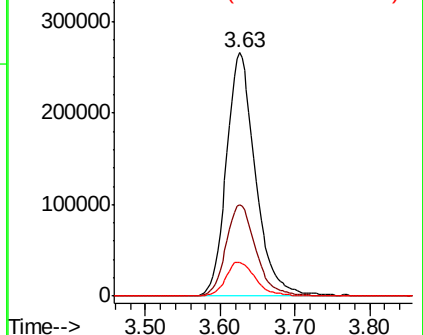
141 14.3 11.2 16.8

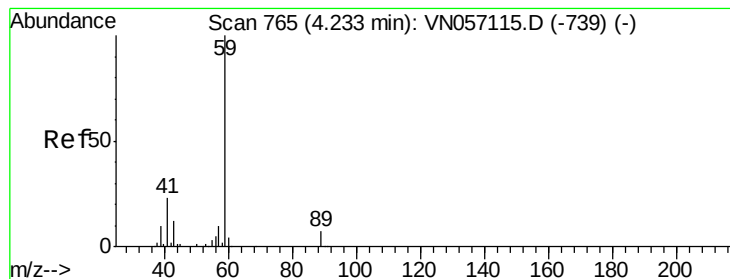


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



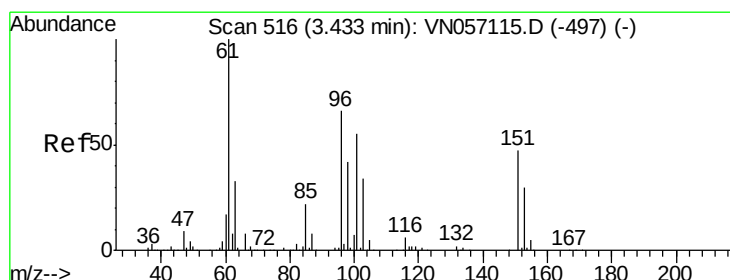
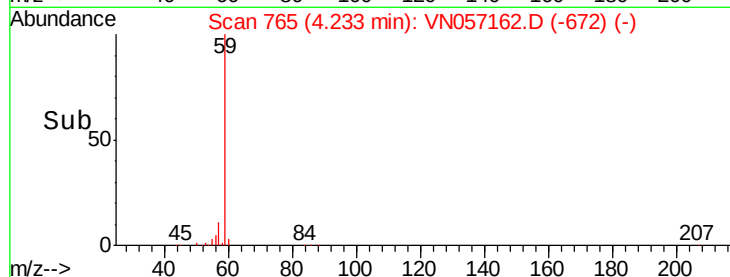
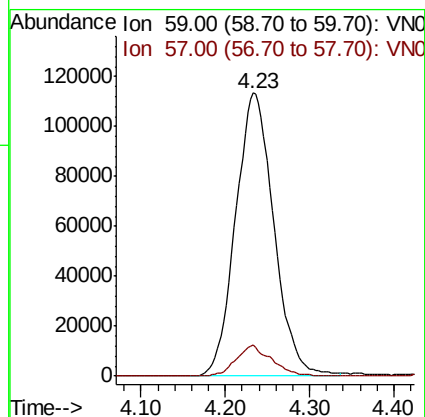
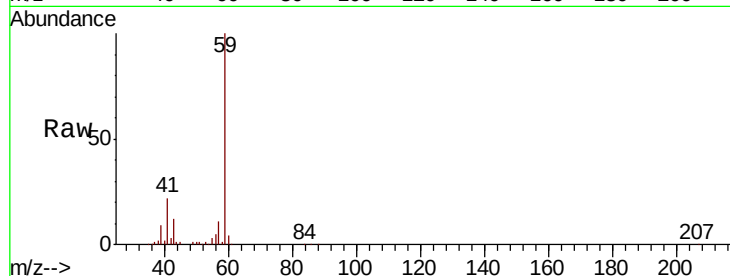


#11

Tert butyl alcohol
 Concen: 228.466 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

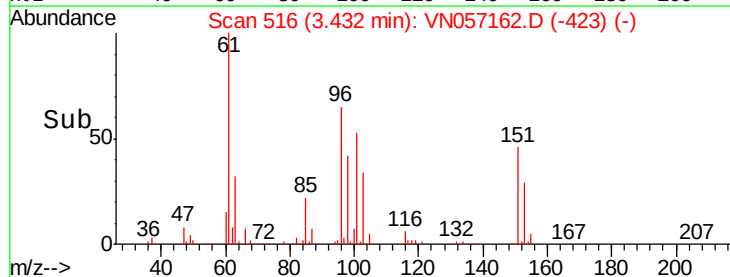
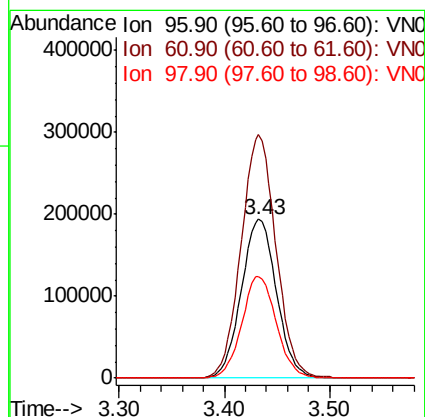
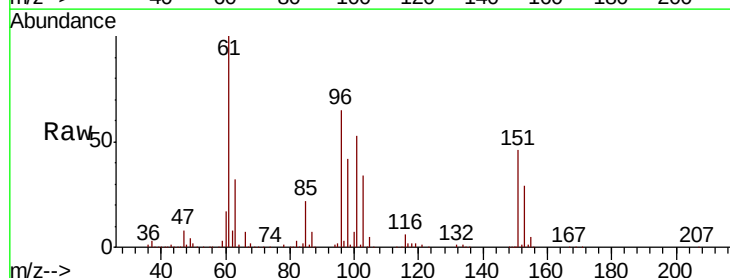
Tgt Ion: 59 Resp: 358029
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.9 11.9

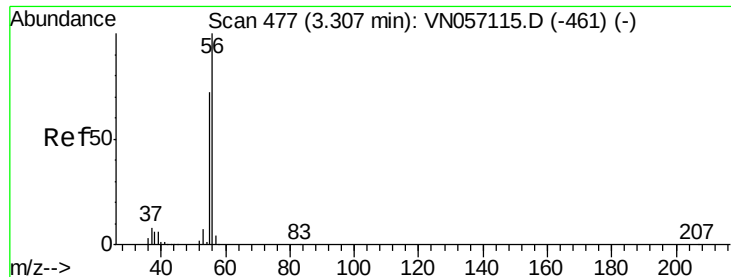


#12

1,1-Dichloroethene
 Concen: 49.565 ug/l
 RT: 3.43 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 96 Resp: 451606
 Ion Ratio Lower Upper
 96 100
 61 153.3 121.0 181.6
 98 64.3 50.8 76.2





#13

Acrolein

Concen: 212.725 ug/l

RT: 3.31 min Scan# 478

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

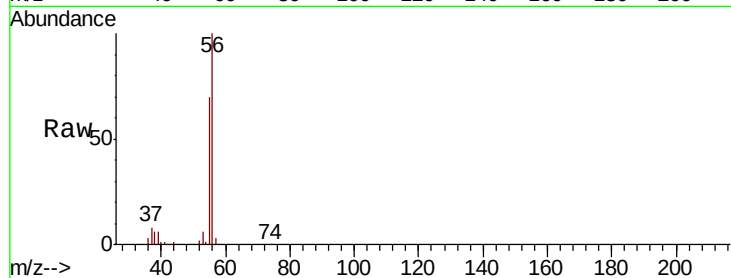
VSTDCCC050EC

Tgt Ion: 56 Resp: 210891

Ion Ratio Lower Upper

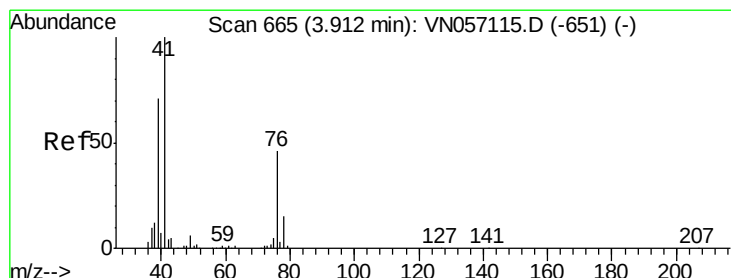
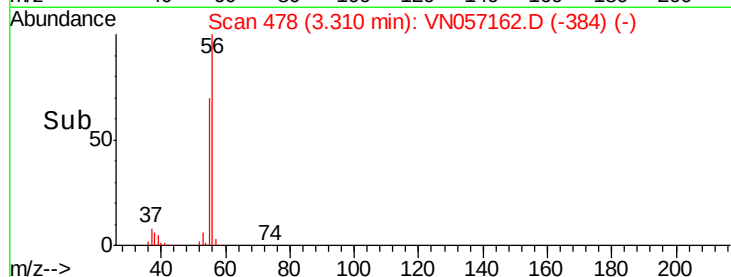
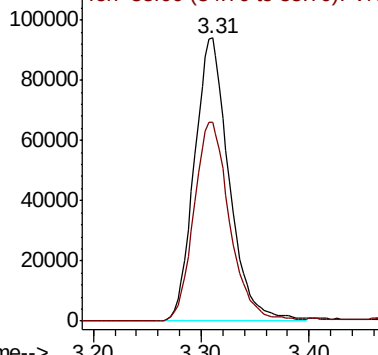
56 100

55 72.3 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.359 ug/l

RT: 3.91 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

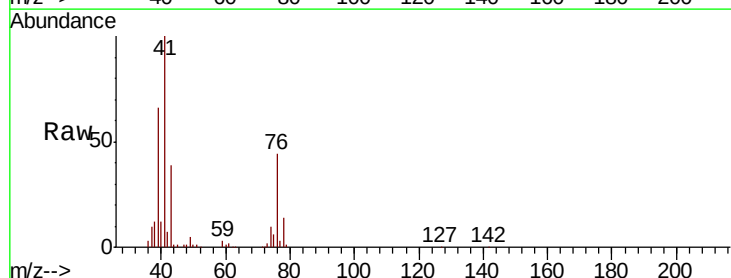
Tgt Ion: 41 Resp: 627097

Ion Ratio Lower Upper

41 100

39 66.6 51.1 76.7

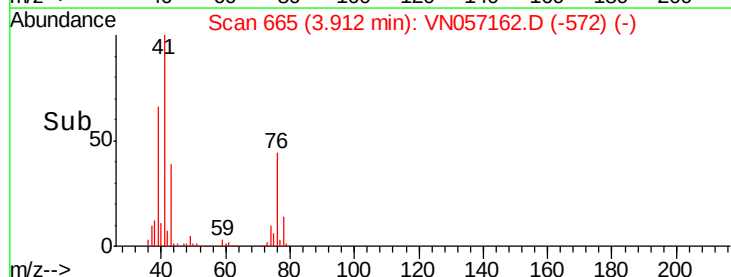
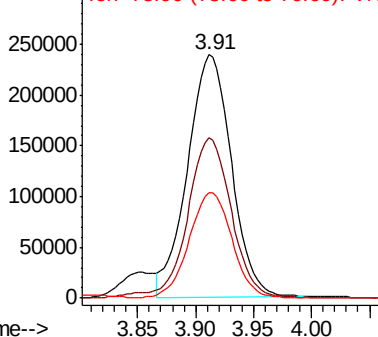
76 41.8 32.8 49.2

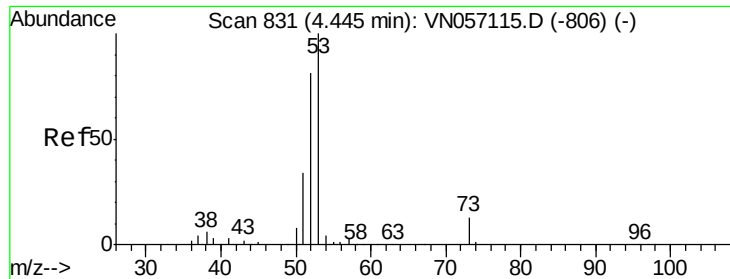


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 253.408 ug/l

RT: 4.45 min Scan# 831

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

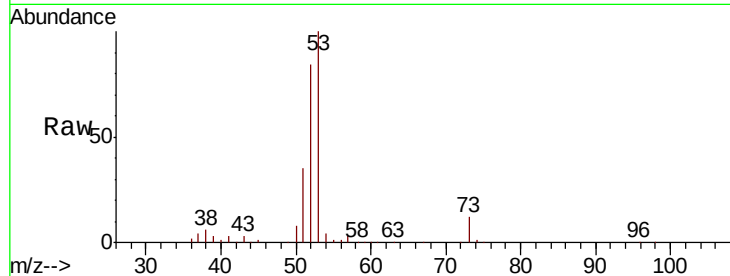
Tgt Ion: 53 Resp: 1074766

Ion Ratio Lower Upper

53 100

52 82.0 64.9 97.3

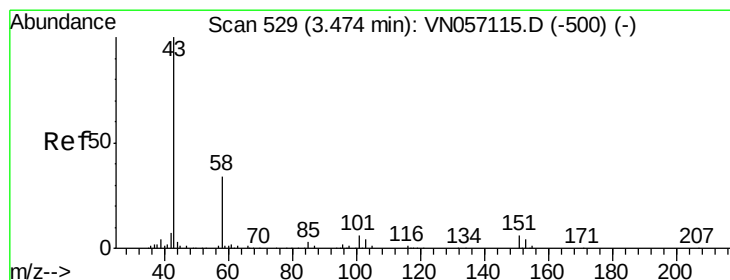
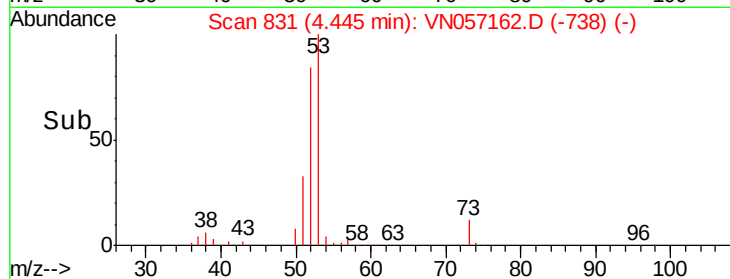
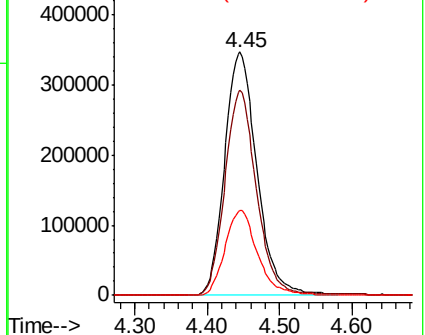
51 35.3 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 239.692 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057162.D

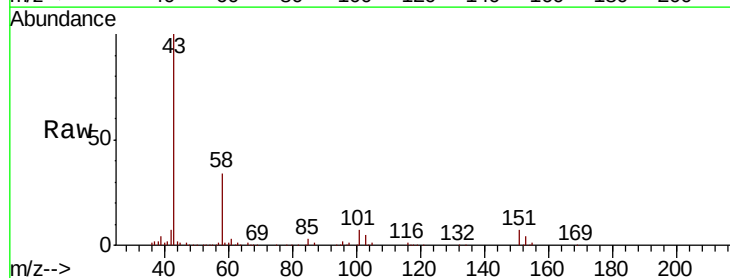
Acq: 9 Aug 2019 21:36

Tgt Ion: 43 Resp: 797152

Ion Ratio Lower Upper

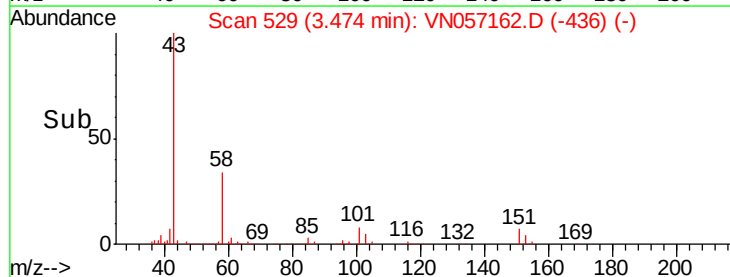
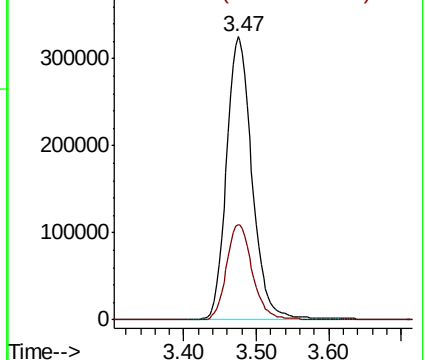
43 100

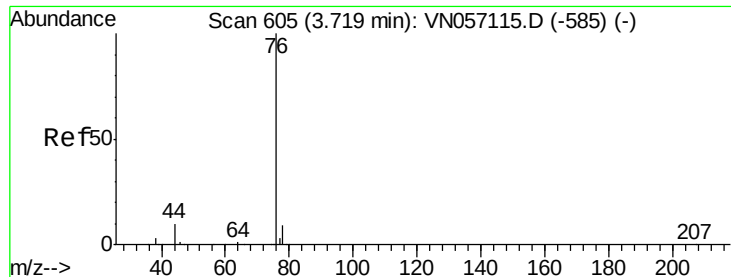
58 33.9 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

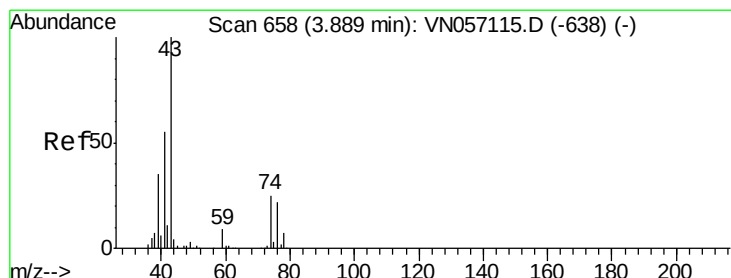
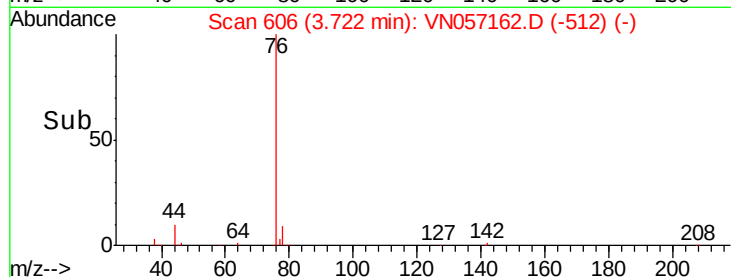
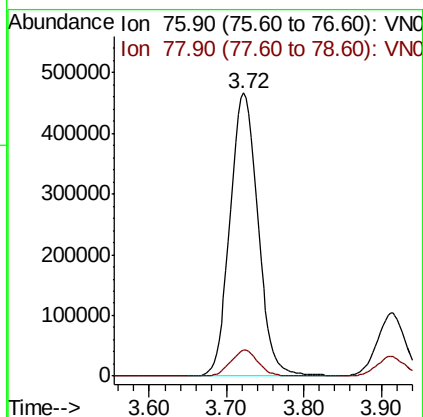
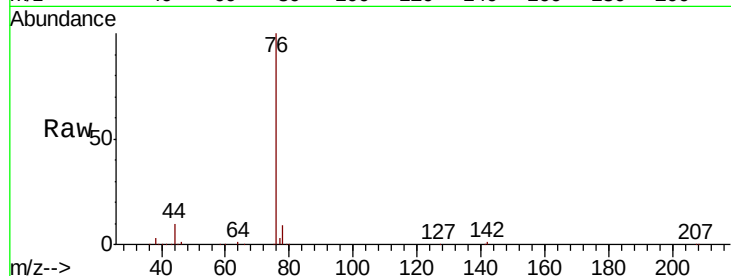




#17
Carbon Disulfide
Concen: 48.186 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

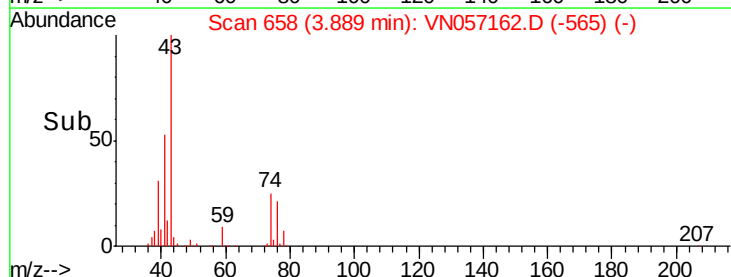
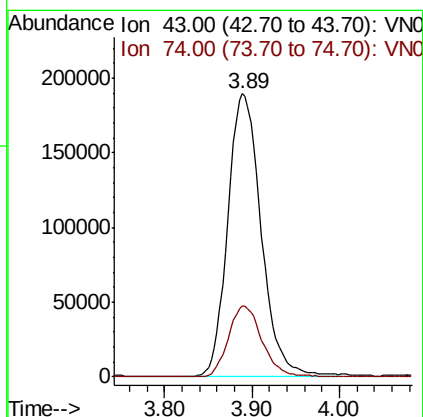
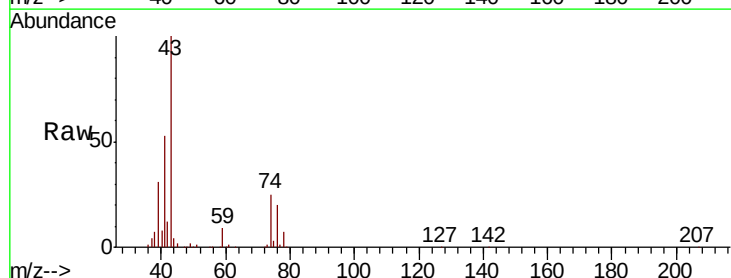
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

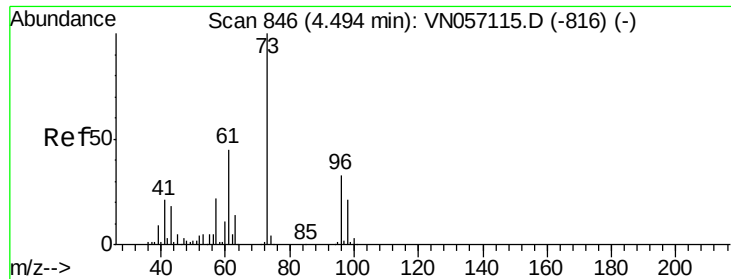
Tgt Ion: 76 Resp: 1167993
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 50.408 ug/l
RT: 3.89 min Scan# 658
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 43 Resp: 499435
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.4

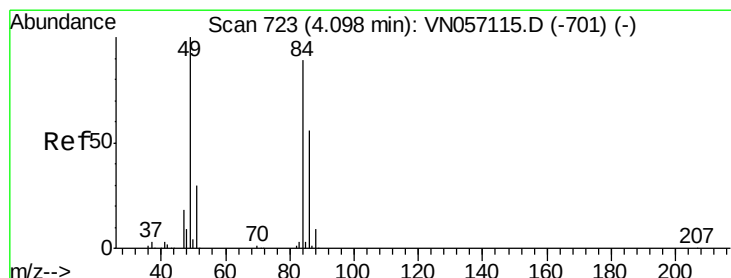
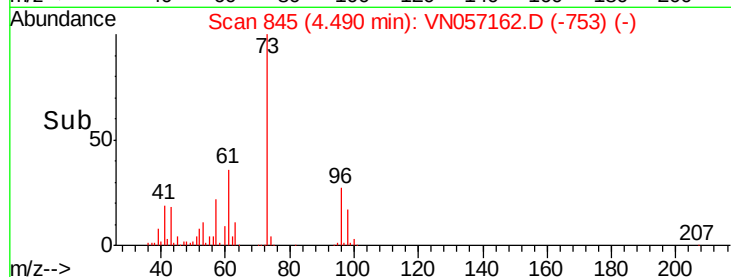
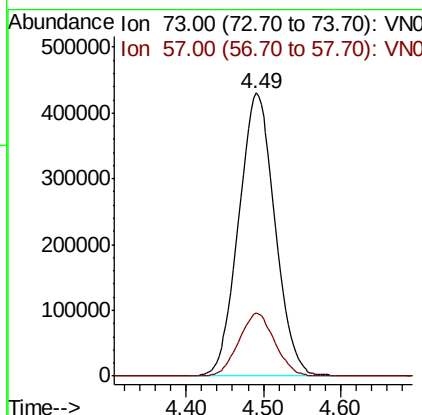
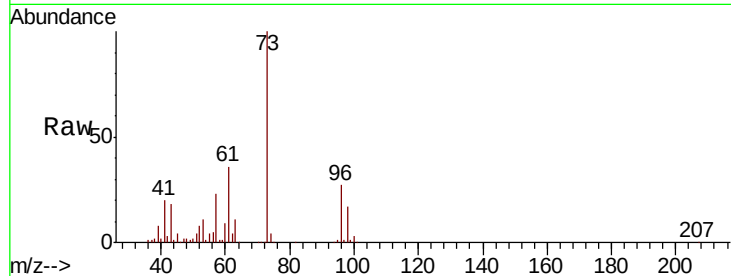




#19
Methyl tert-butyl Ether
Concen: 51.119 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

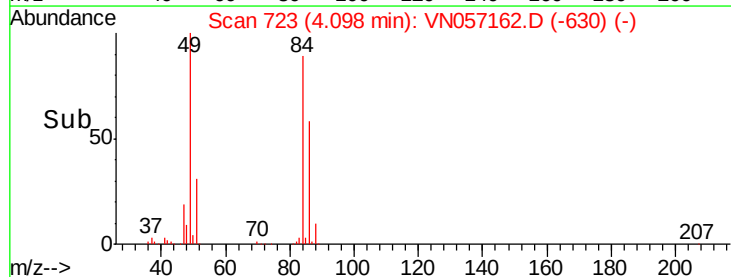
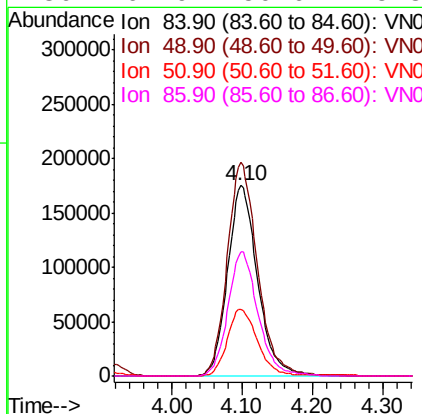
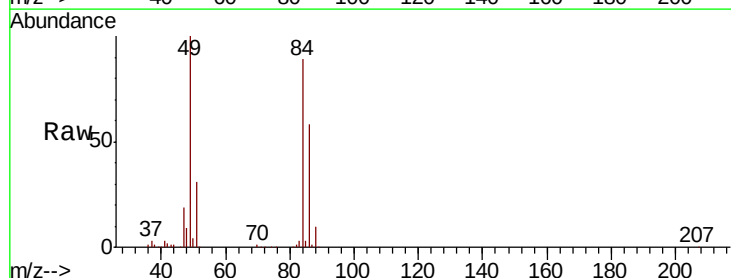
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

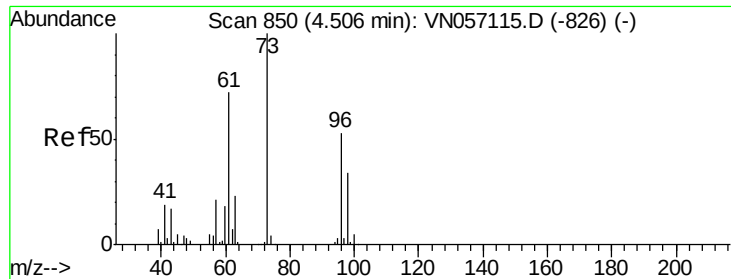
Tgt Ion: 73 Resp: 1406142
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 47.424 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 84 Resp: 520525
Ion Ratio Lower Upper
84 100
49 112.1 89.5 134.3
51 35.1 27.2 40.8
86 64.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.813 ug/l

RT: 4.51 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

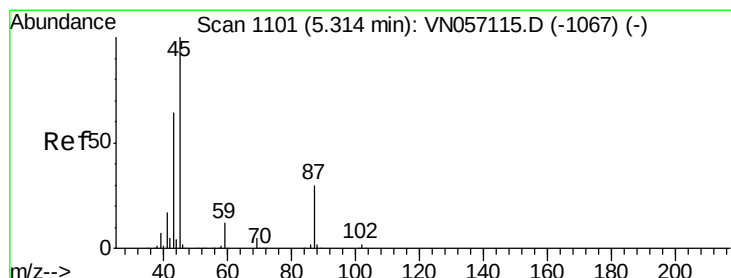
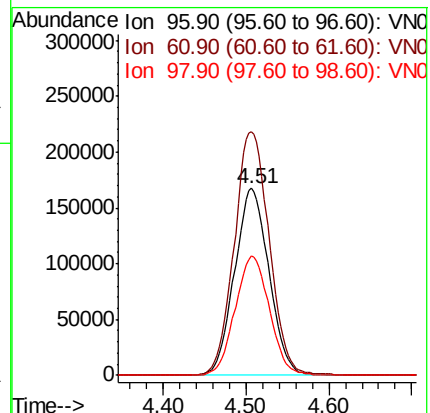
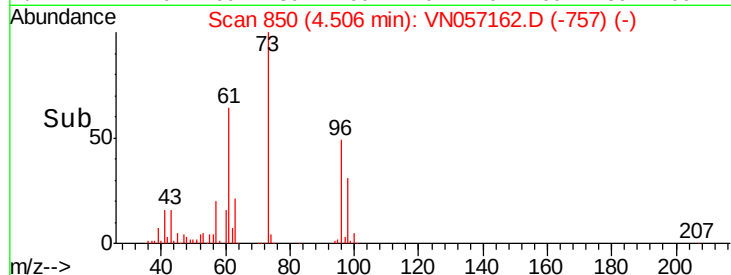
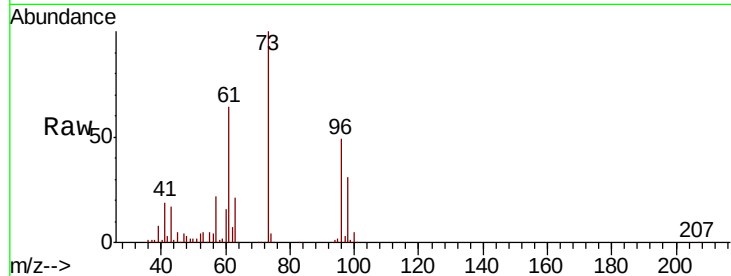
Tgt Ion: 96 Resp: 484486

Ion Ratio Lower Upper

96 100

61 130.0 108.1 162.1

98 63.5 50.5 75.7



#22

Diisopropyl ether

Concen: 49.743 ug/l

RT: 5.32 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Tgt Ion: 45 Resp: 1436693

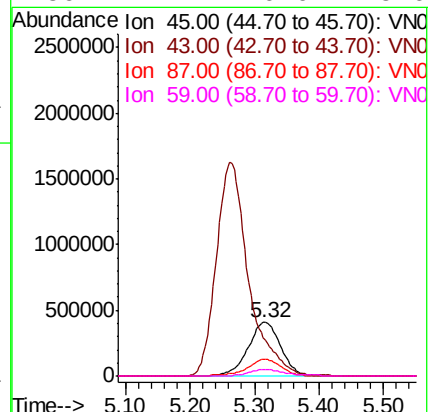
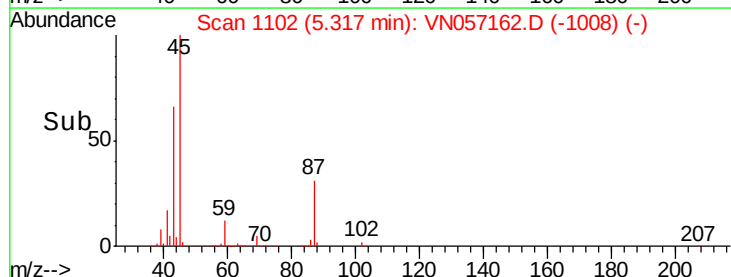
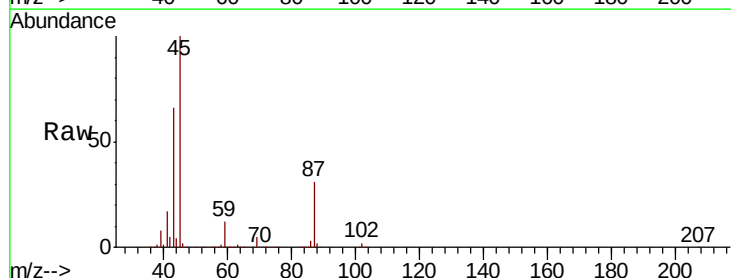
Ion Ratio Lower Upper

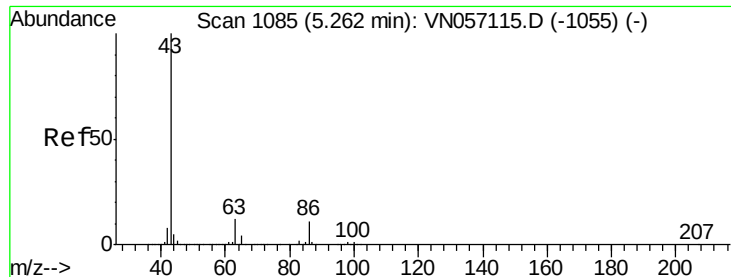
45 100

43 64.7 54.1 81.1

87 31.1 24.0 36.0

59 12.2 10.0 15.0





#23

Vinyl Acetate

Concen: 255.987 ug/l

RT: 5.26 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

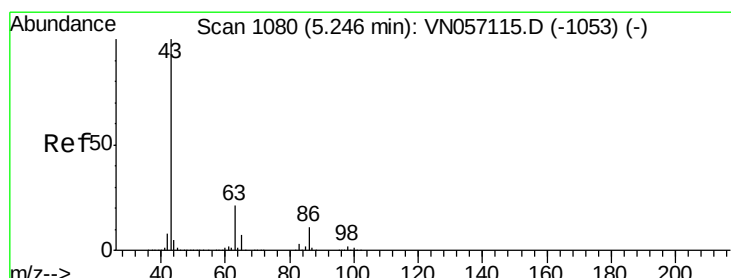
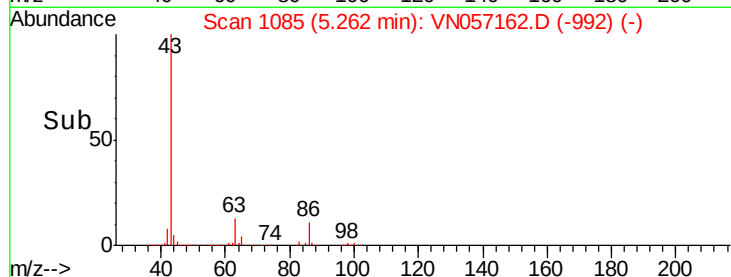
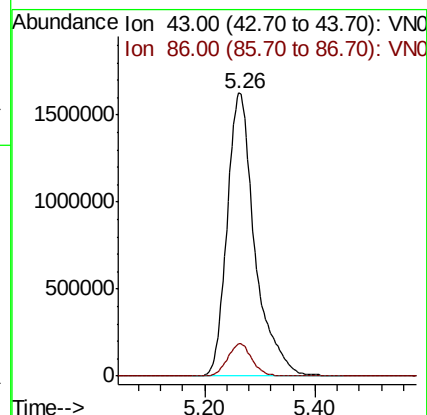
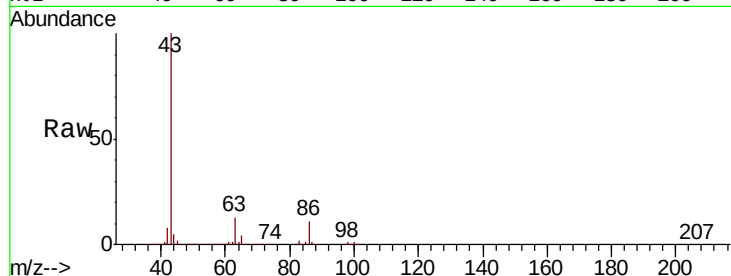
VSTDCCC050EC

Tgt Ion: 43 Resp: 5661619

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.258 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

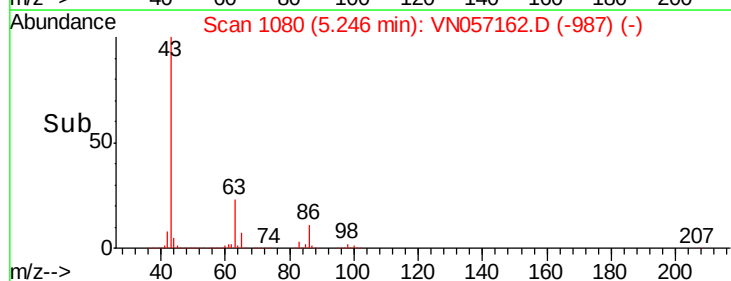
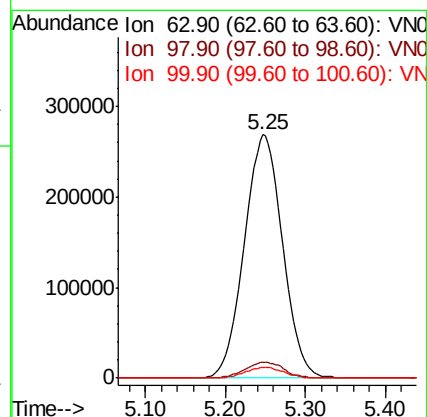
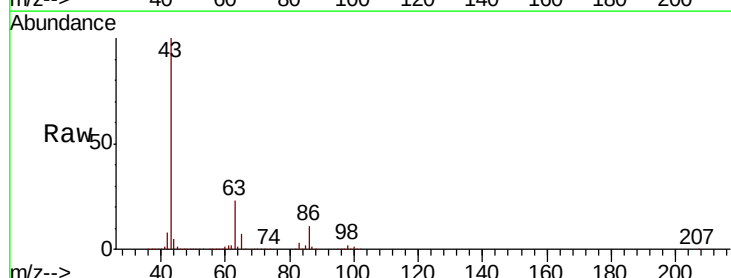
Tgt Ion: 63 Resp: 874560

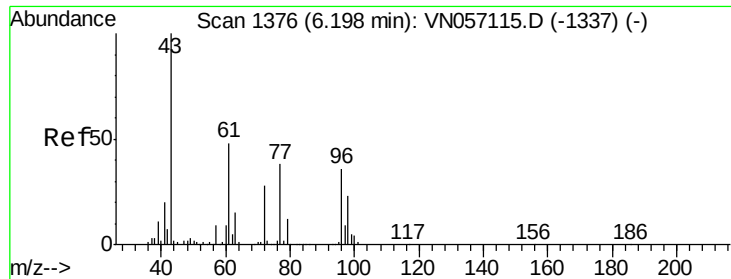
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 4.3 2.1 6.3

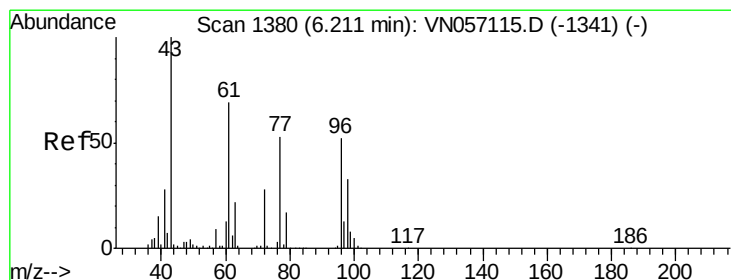
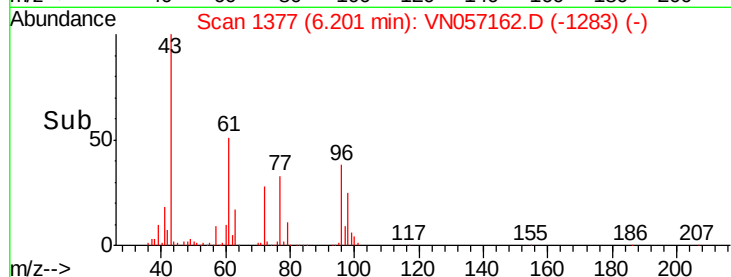
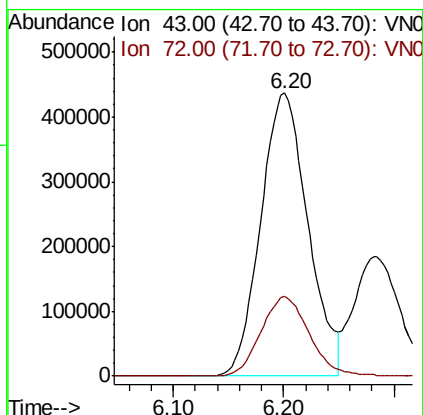
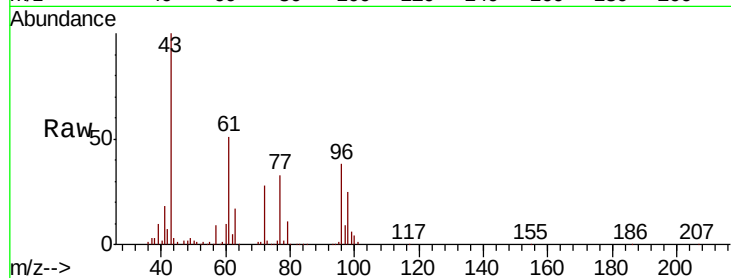




#25
2-Butanone
Concen: 254.619 ug/l
RT: 6.20 min Scan# 1377
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

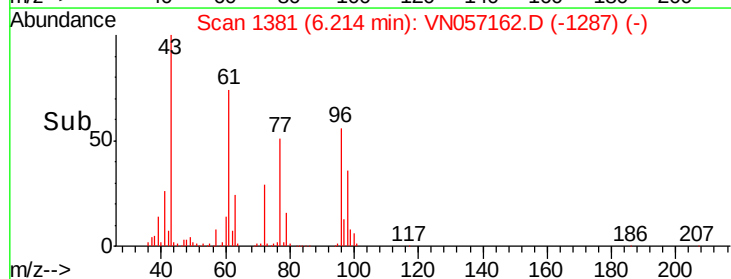
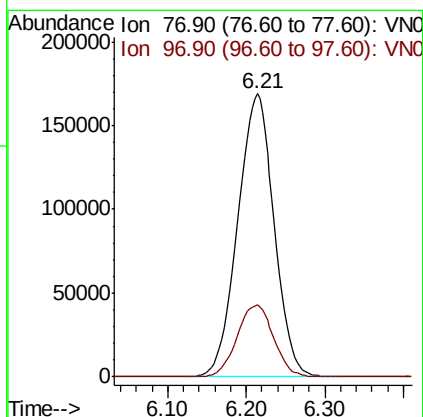
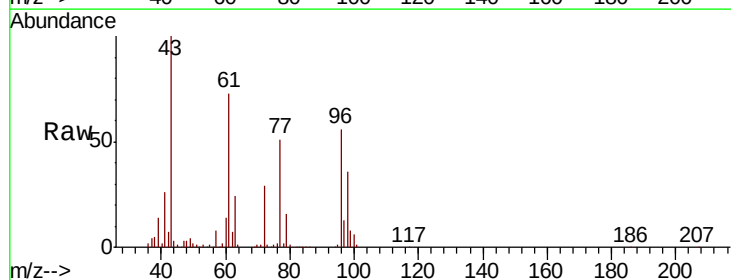
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

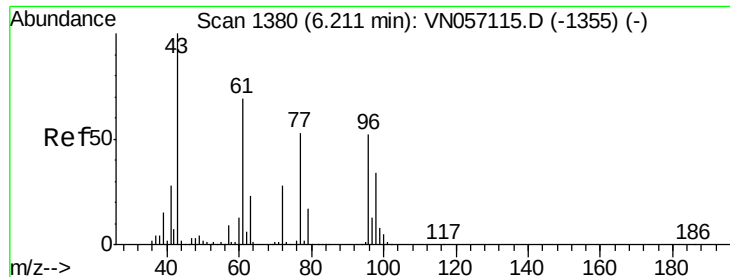
Tgt Ion: 43 Resp: 1293775
Ion Ratio Lower Upper
43 100
72 28.2 22.2 33.4



#26
2,2-Dichloropropane
Concen: 42.289 ug/l
RT: 6.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 77 Resp: 546253
Ion Ratio Lower Upper
77 100
97 25.6 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 50.084 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

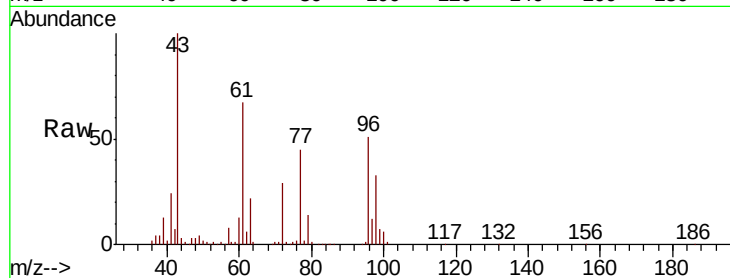
Tgt Ion: 96 Resp: 569490

Ion Ratio Lower Upper

96 100

61 134.9 0.0 273.4

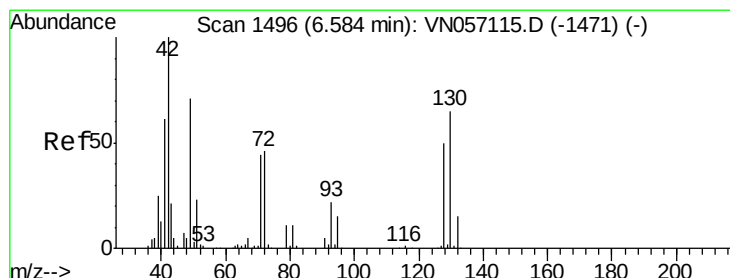
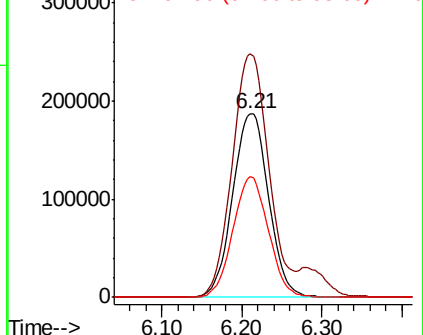
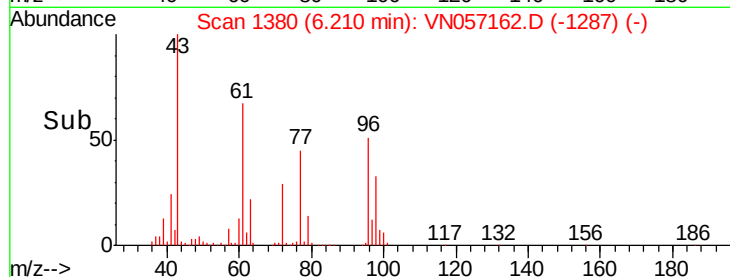
98 64.7 0.0 130.4



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: 46.288 ug/l

RT: 6.59 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

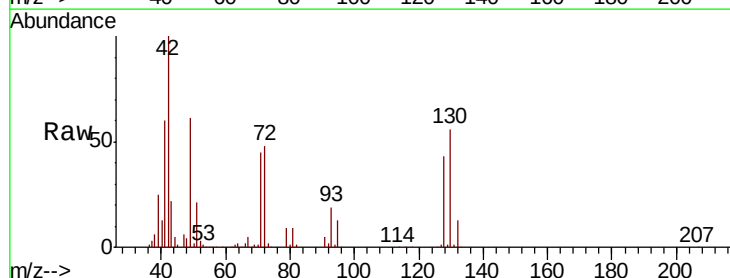
Tgt Ion: 49 Resp: 378013

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

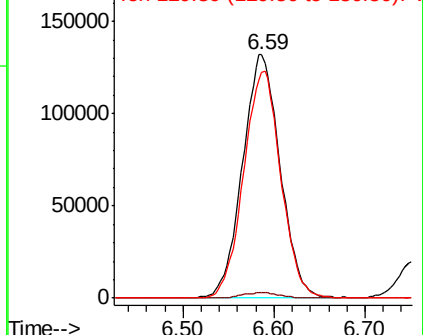
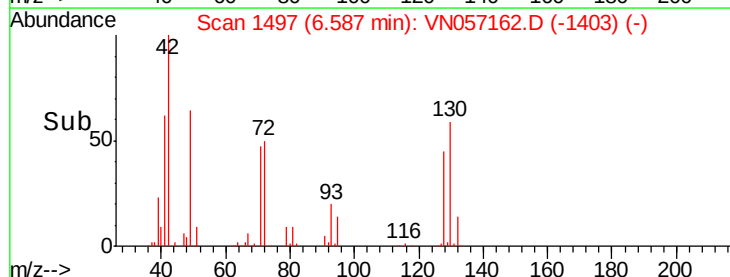
130 92.4 73.8 110.8

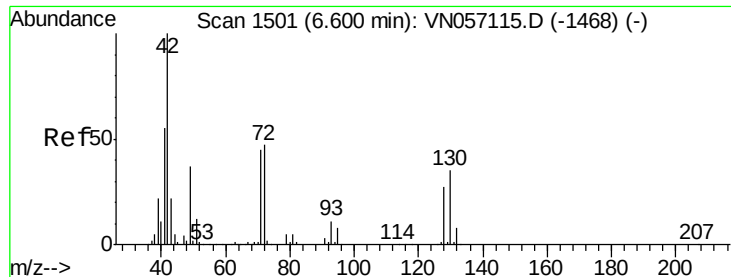


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

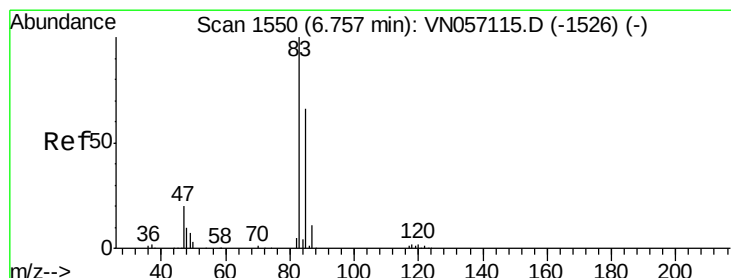
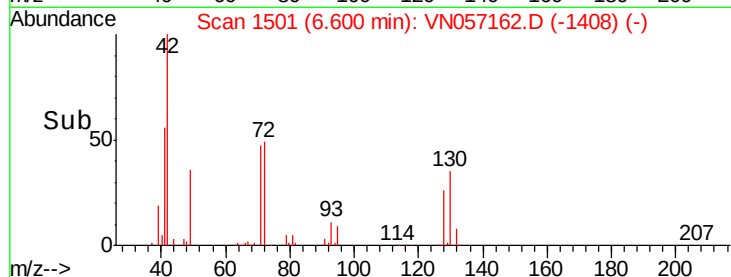
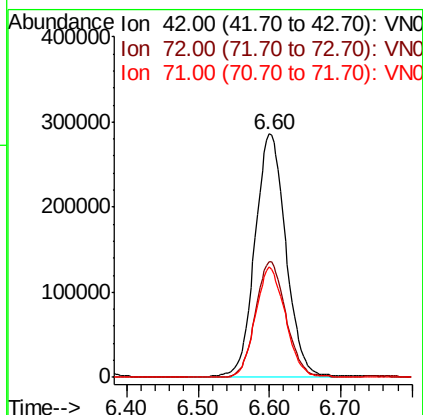
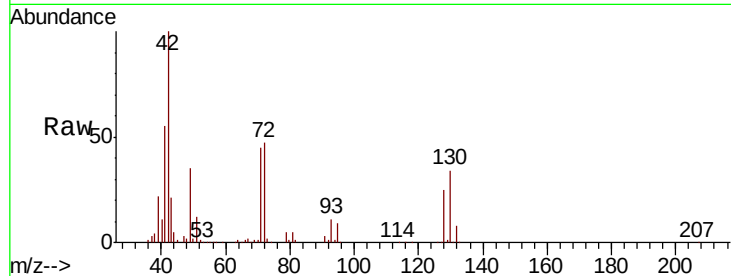




#29
Tetrahydrofuran
Concen: 251.993 ug/l
RT: 6.60 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

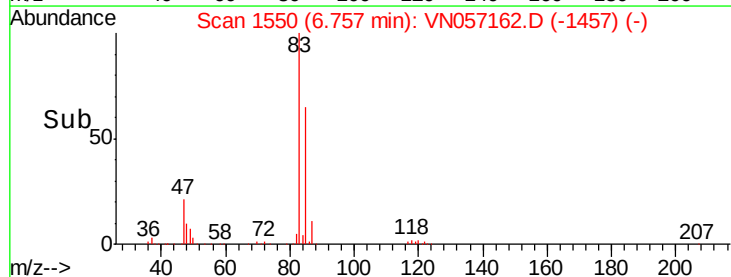
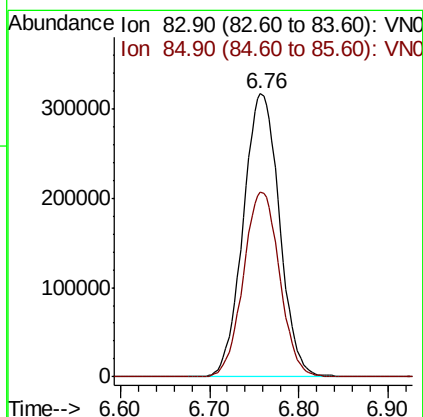
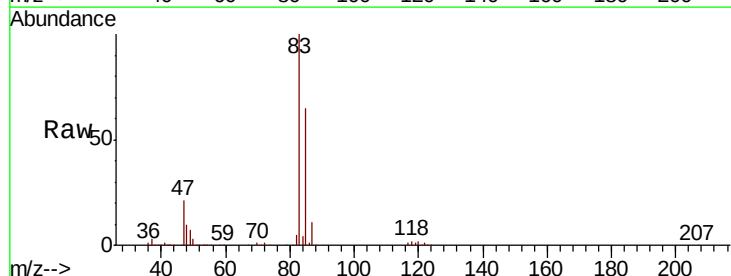
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

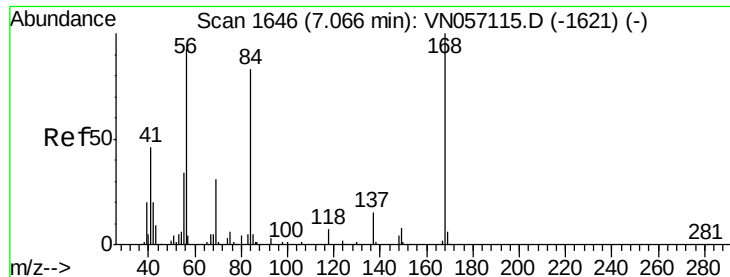
Tgt Ion: 42 Resp: 862551
Ion Ratio Lower Upper
42 100
72 46.8 37.1 55.7
71 43.9 34.8 52.2



#30
Chloroform
Concen: 48.650 ug/l
RT: 6.76 min Scan# 1550
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 83 Resp: 894013
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8

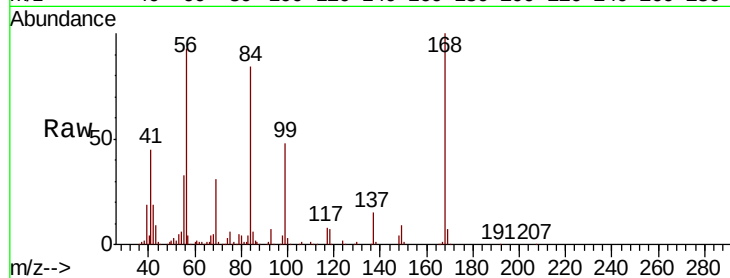




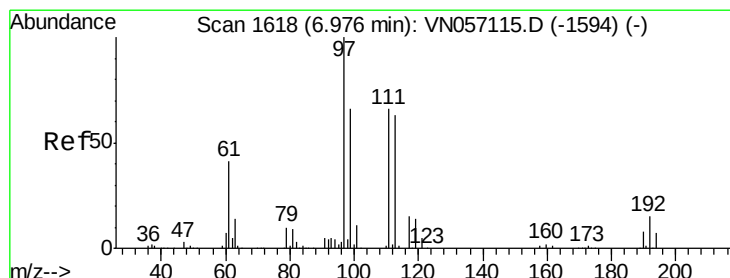
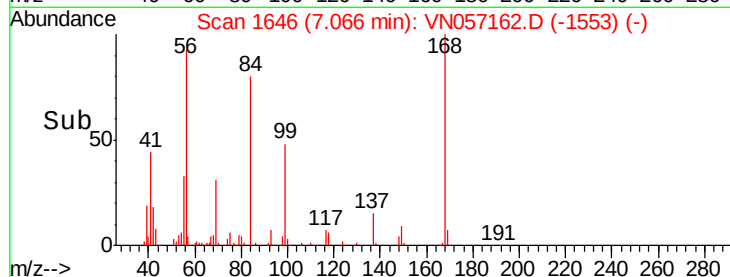
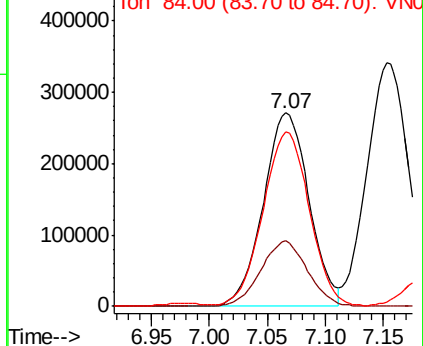
#31
Cyclohexane
Concen: 46.529 ug/l
RT: 7.07 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 743232
Ion Ratio Lower Upper
56 100
69 33.7 26.9 40.3
84 88.9 71.9 107.9

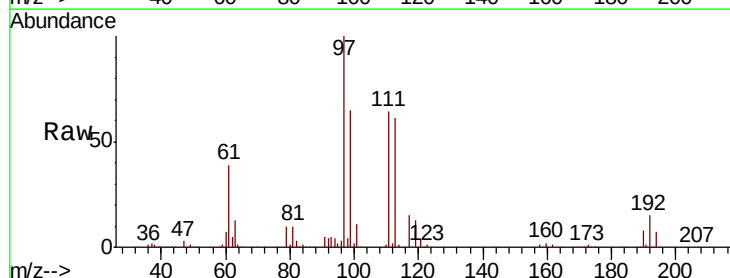


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

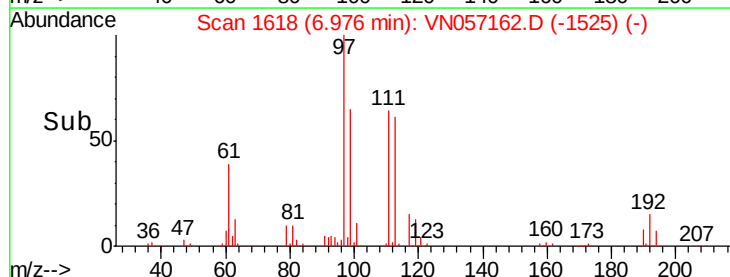
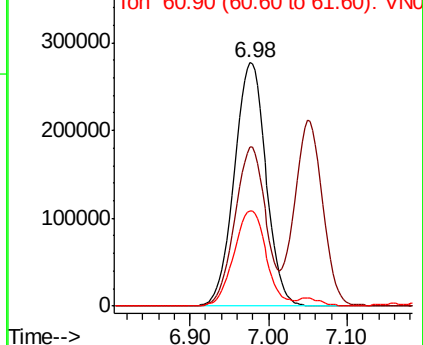


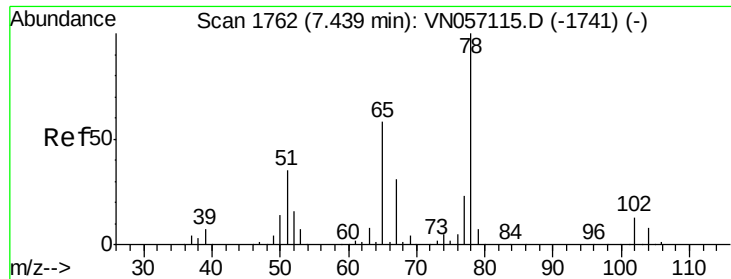
#32
1,1,1-Trichloroethane
Concen: 50.684 ug/l
RT: 6.98 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 97 Resp: 781315
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 40.1 32.7 49.1



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

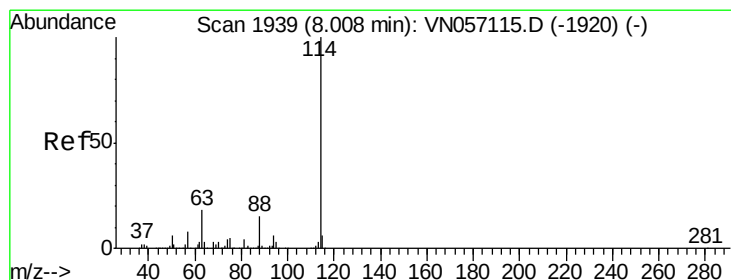
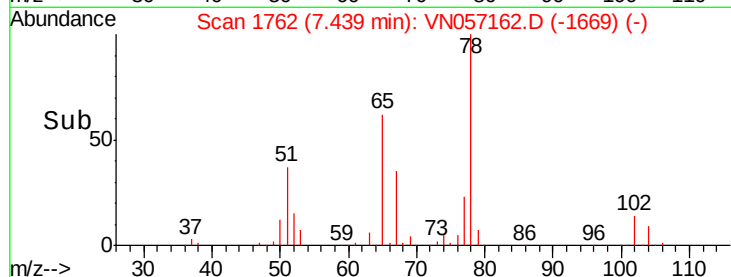
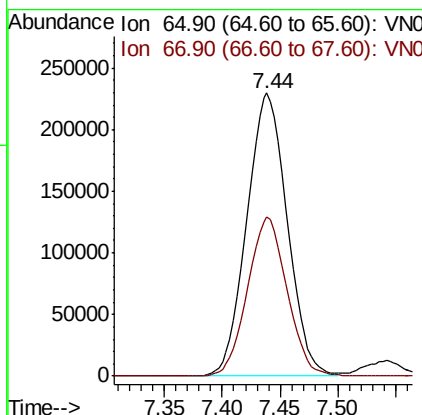
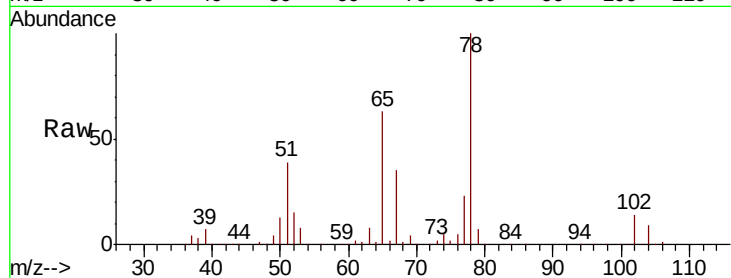




#33
 1,2-Dichloroethane-d4
 Concen: 50.672 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

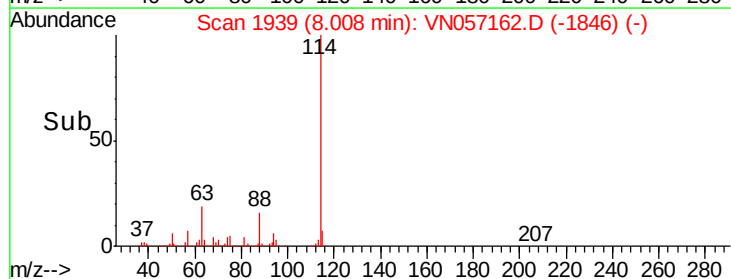
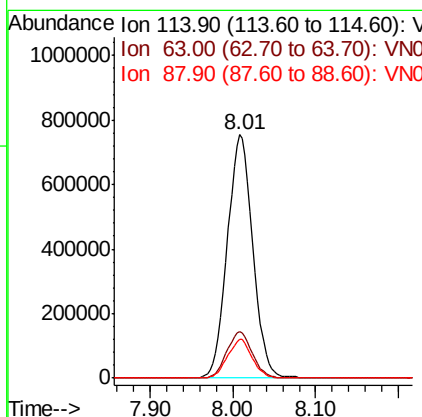
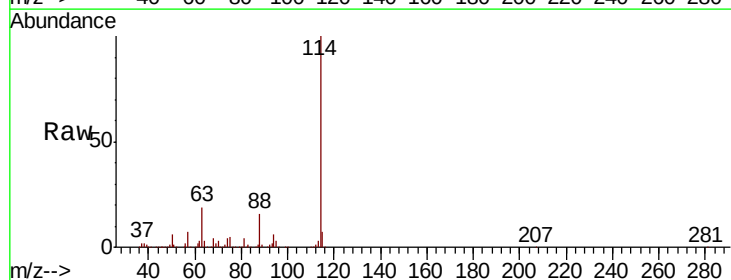
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

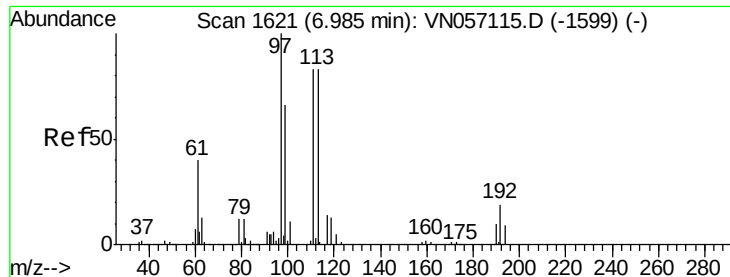
Tgt Ion: 65 Resp: 558019
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 114 Resp: 1615976
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.2
 88 15.7 0.0 30.0

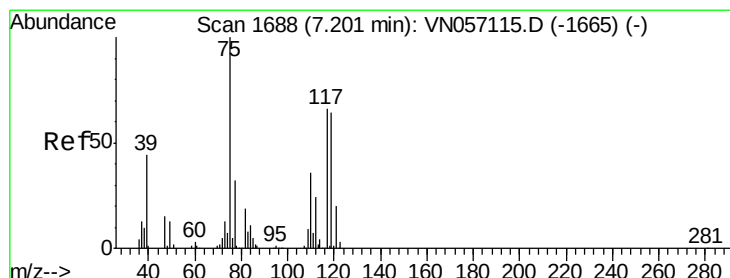
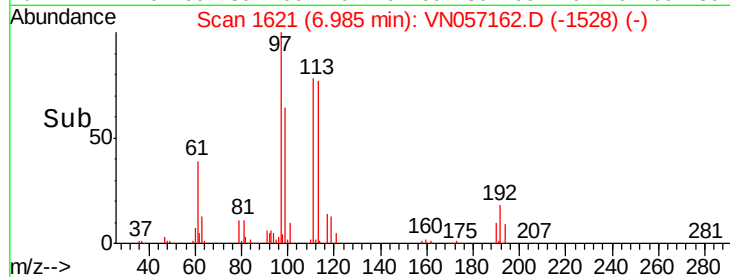
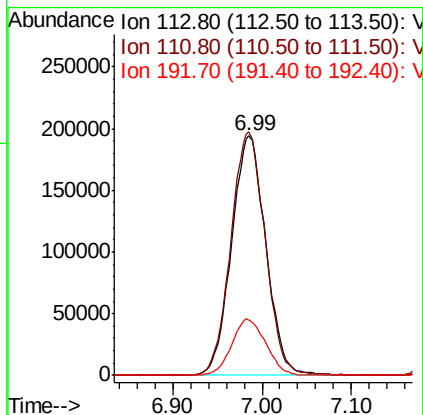
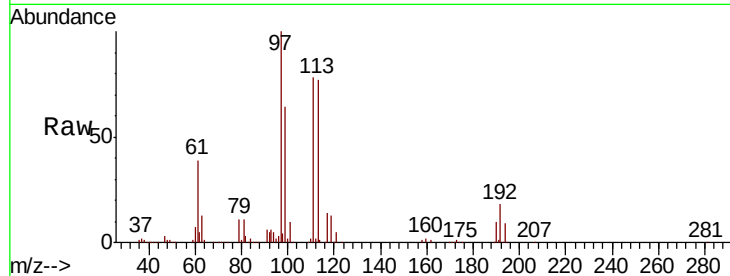




#35
 Dibromofluoromethane
 Concen: 50.851 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

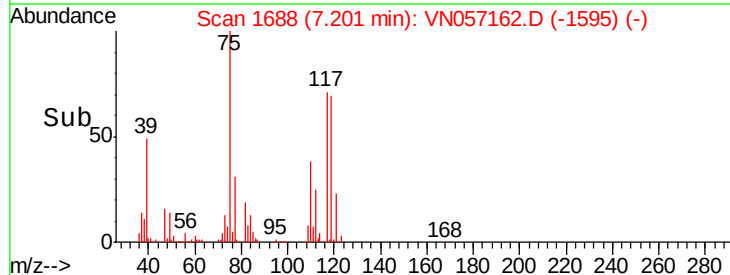
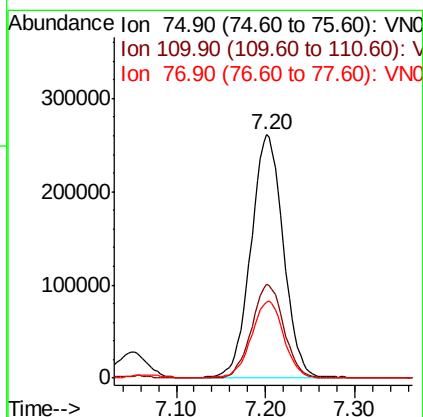
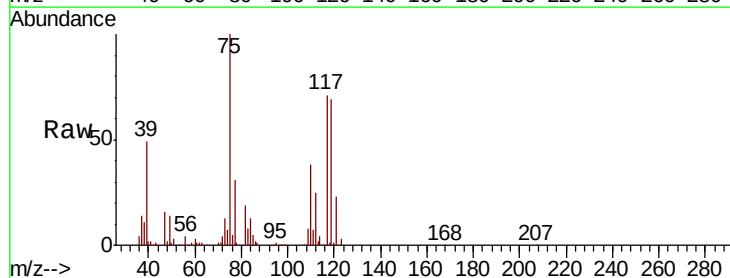
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

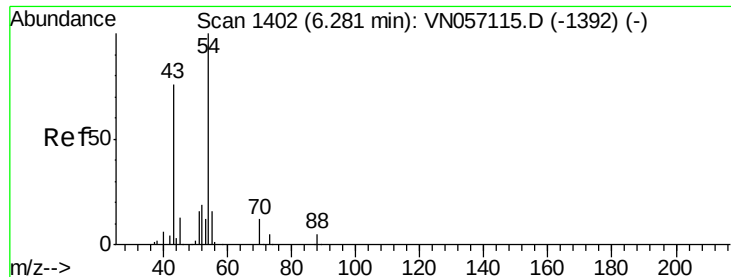
Tgt Ion: 113 Resp: 515655
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 23.6 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 49.570 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 75 Resp: 659536
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.7 56.1
 77 31.5 25.0 37.4

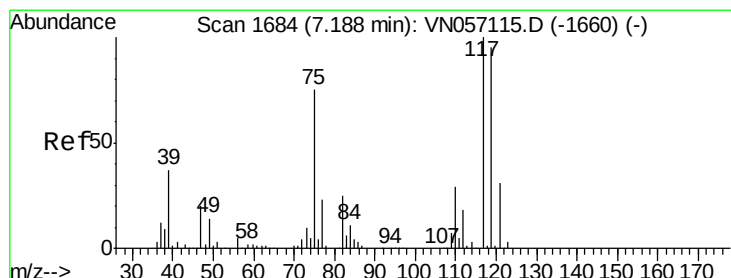
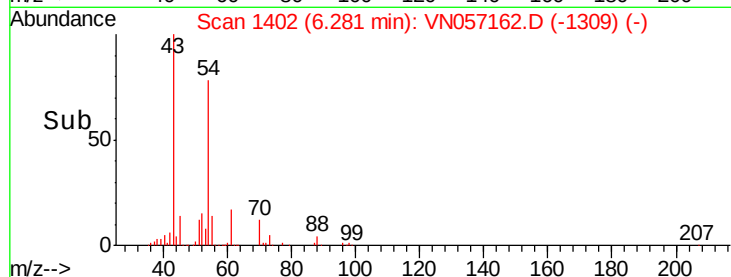
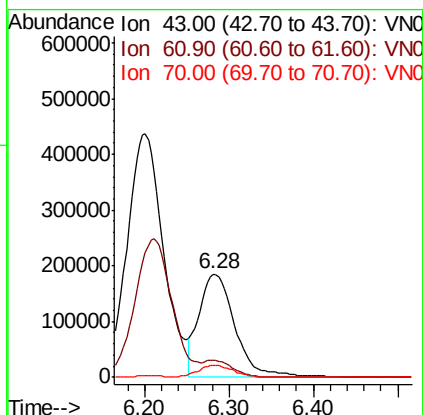
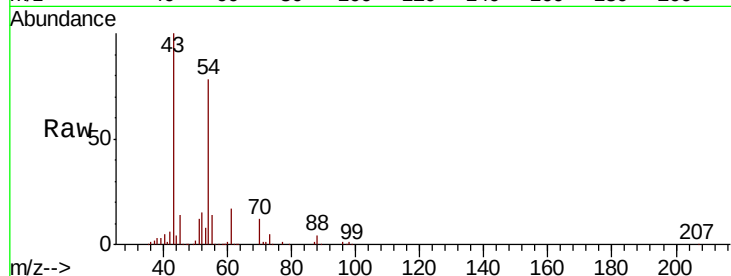




#37
 Ethyl Acetate
 Concen: 49.447 ug/l
 RT: 6.28 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

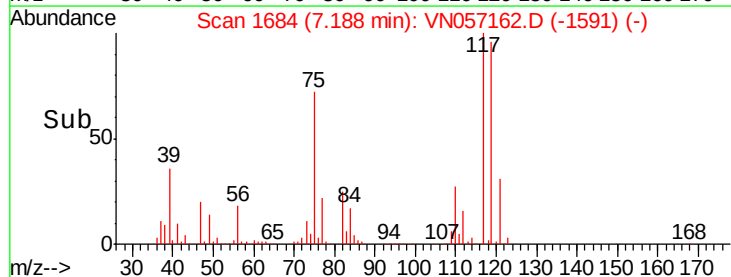
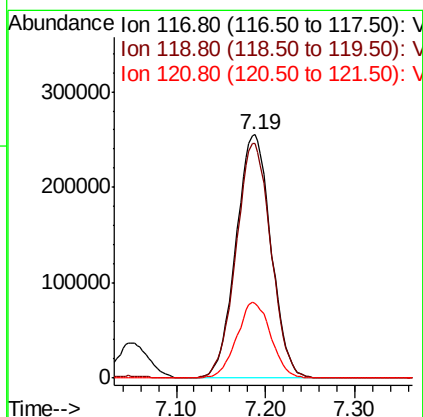
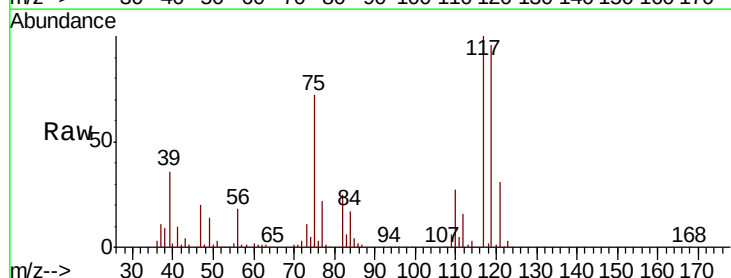
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

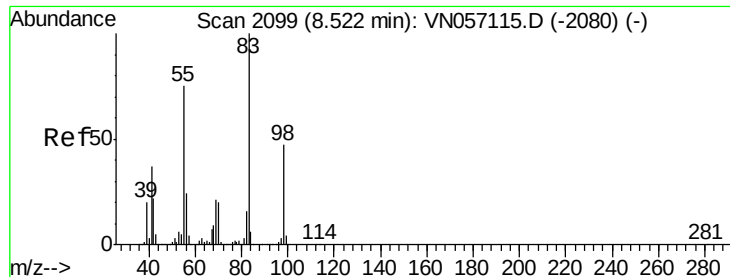
Tgt Ion: 43 Resp: 542335
 Ion Ratio Lower Upper
 43 100
 61 0.0 0.0 0.0
 70 11.8 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 49.976 ug/l
 RT: 7.19 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 117 Resp: 692982
 Ion Ratio Lower Upper
 117 100
 119 96.3 75.8 113.6
 121 30.7 24.4 36.6

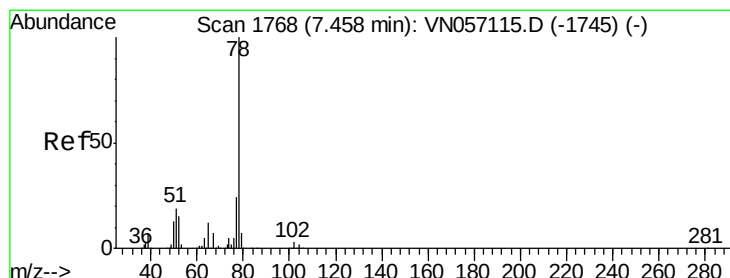
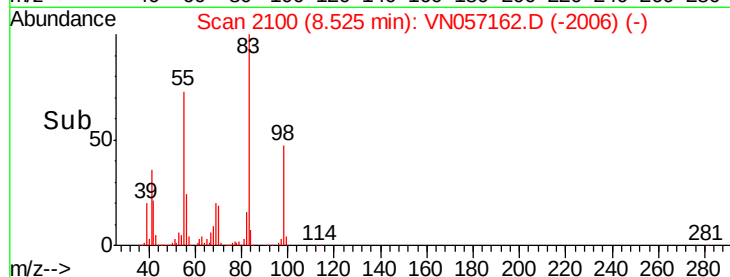
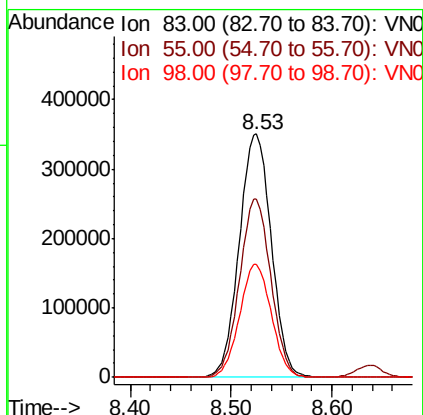
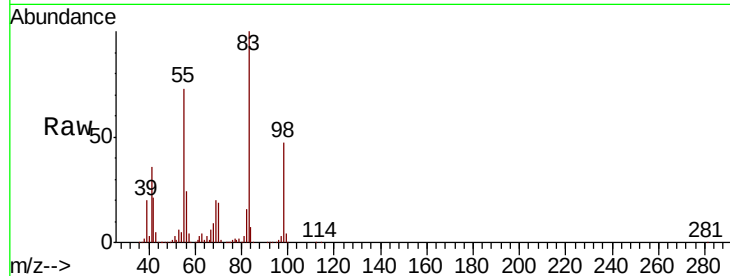




#39
Methylcyclohexane
Concen: 47.665 ug/l
RT: 8.53 min Scan# 2100
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

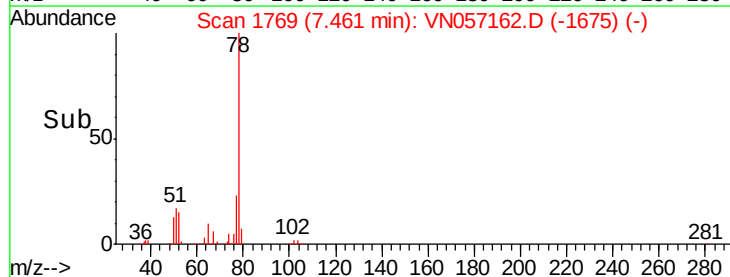
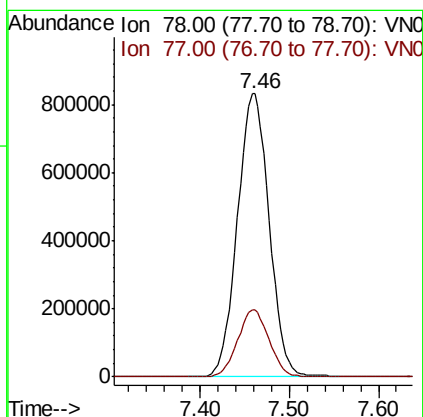
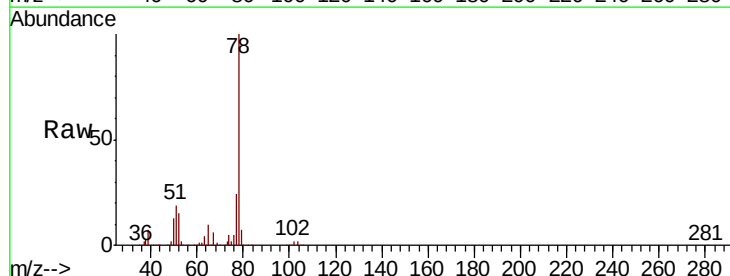
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

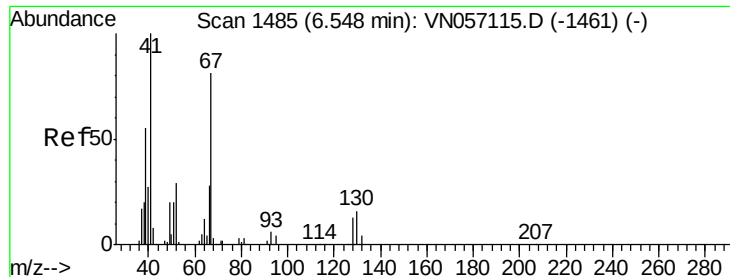
Tgt Ion: 83 Resp: 771231
Ion Ratio Lower Upper
83 100
55 73.5 60.3 90.5
98 46.6 37.9 56.9



#40
Benzene
Concen: 48.645 ug/l
RT: 7.46 min Scan# 1769
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 78 Resp: 2048964
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

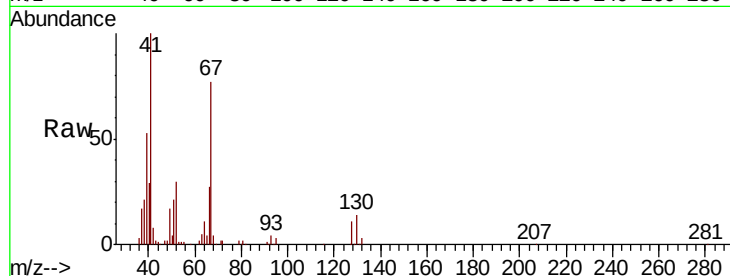




#41
Methacrylonitrile
Concen: 50.049 ug/l
RT: 6.55 min Scan# 1485
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	278838
Ion	Ratio	Lower	Upper
41	100		
39	61.9	44.9	67.3
67	87.2	69.1	103.7
52	33.6	25.8	38.6



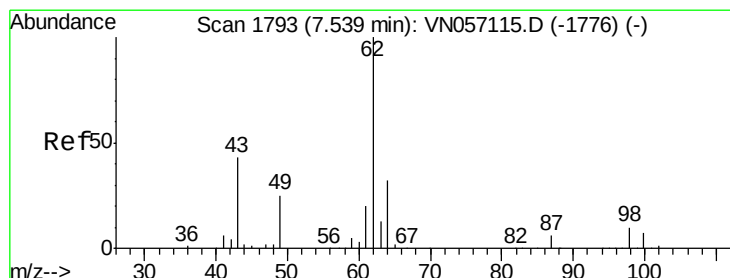
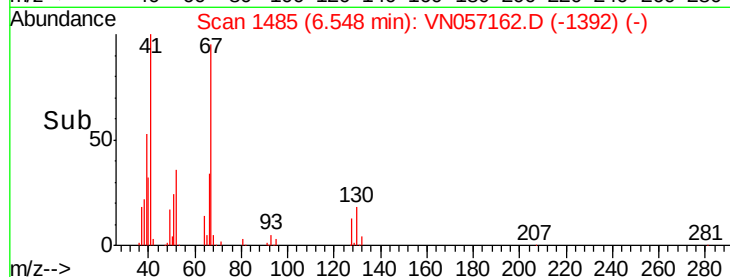
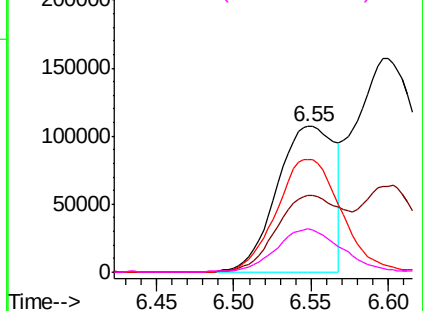
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

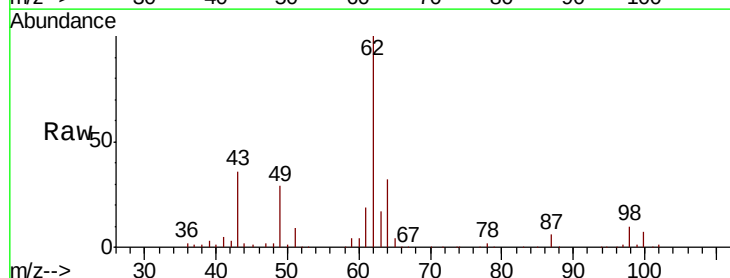
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 49.017 ug/l
RT: 7.54 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

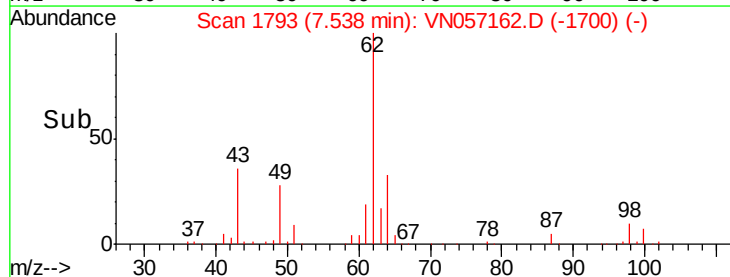
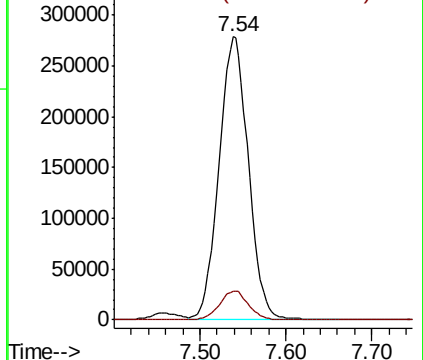
Tgt Ion:	62	Resp:	658454
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4

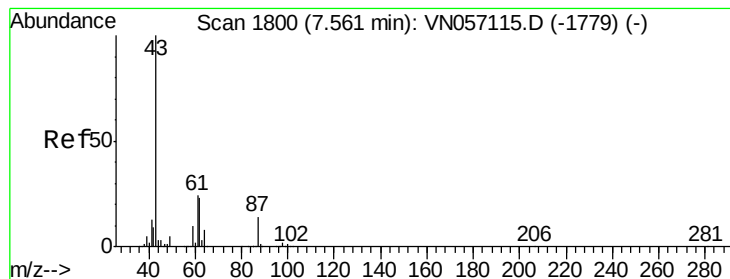


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 49.579 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

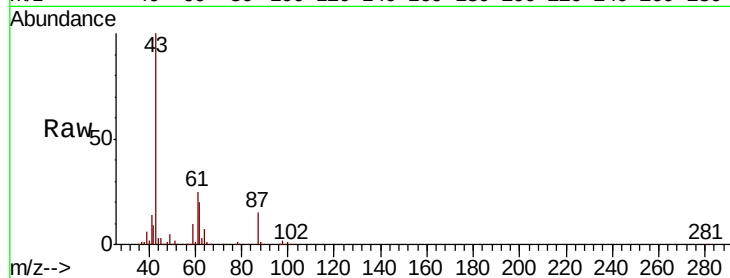
Tgt Ion: 43 Resp: 927984

Ion Ratio Lower Upper

43 100

61 30.1 24.2 36.2

87 14.9 11.8 17.8

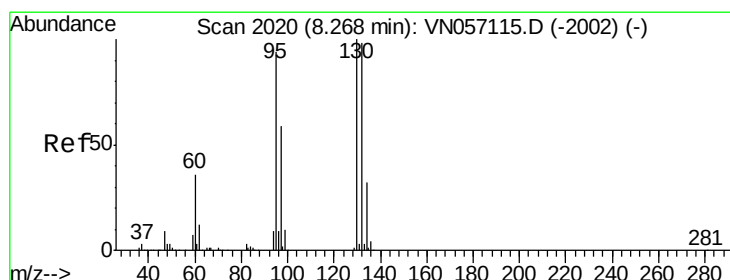
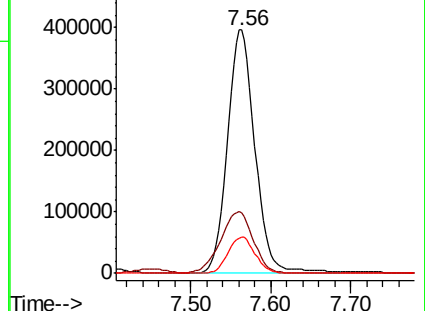
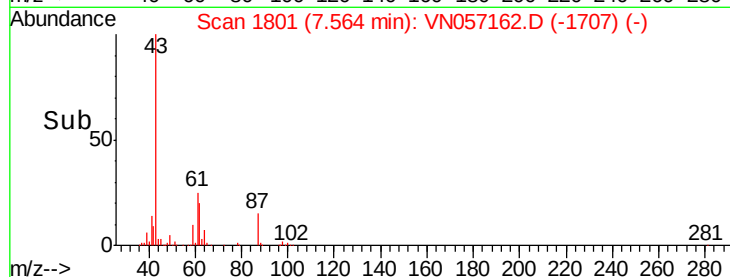


Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)

Time-->



#44

Trichloroethene

Concen: 48.762 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VN057162.D

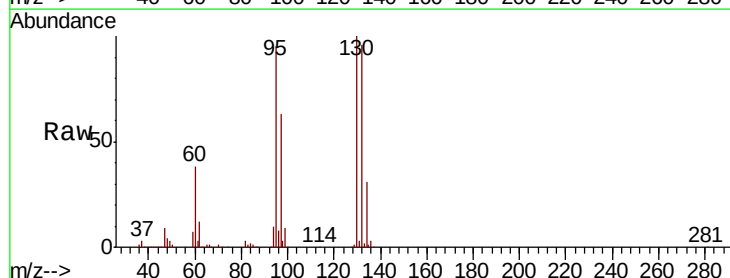
Acq: 9 Aug 2019 21:36

Tgt Ion: 130 Resp: 575416

Ion Ratio Lower Upper

130 100

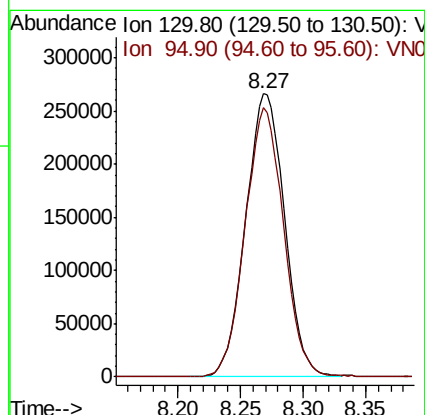
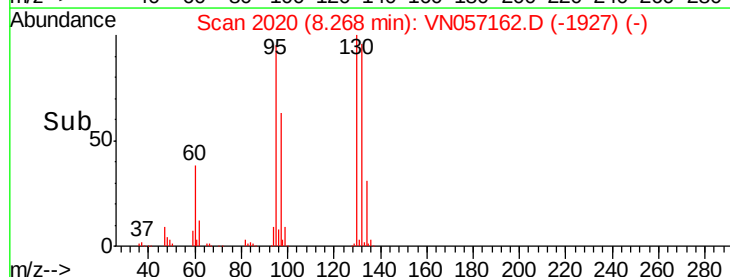
95 94.9 0.0 187.4

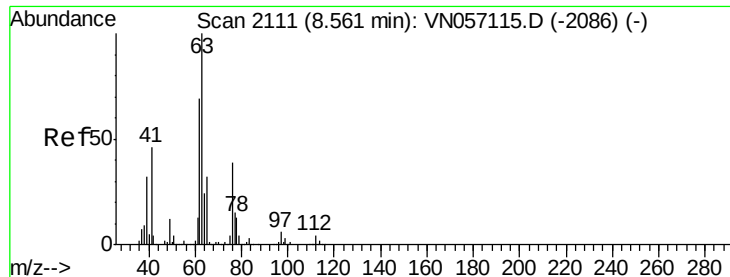


Abundance Ion 129.80 (129.50 to 130.50): VN057115.D (-2002) (-)

Ion 94.90 (94.60 to 95.60): VN057115.D (-2002) (-)

Time-->

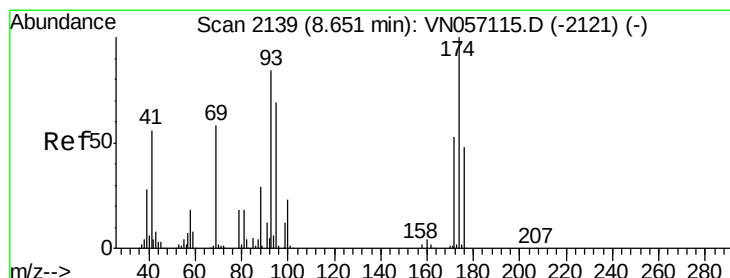
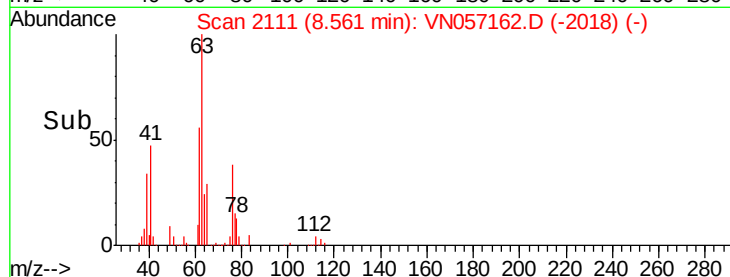
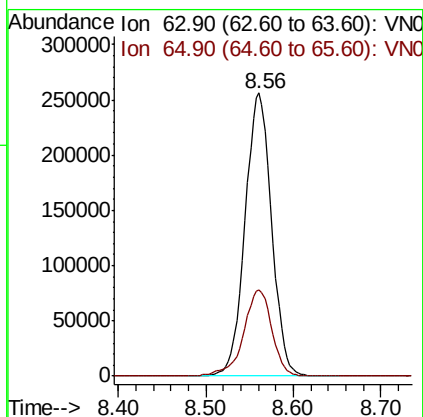
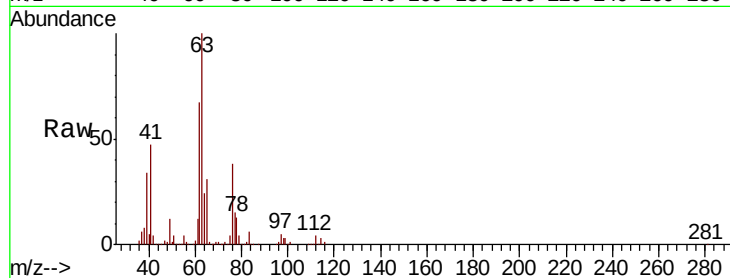




#45
 1,2-Dichloropropane
 Concen: 49.414 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

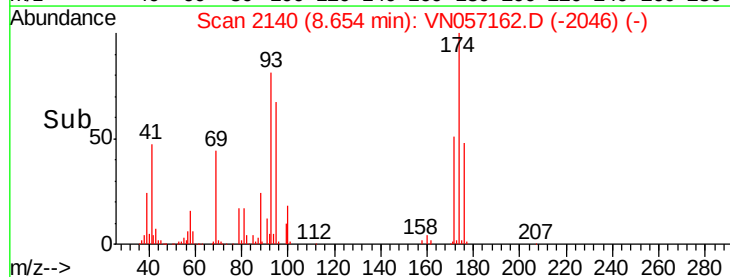
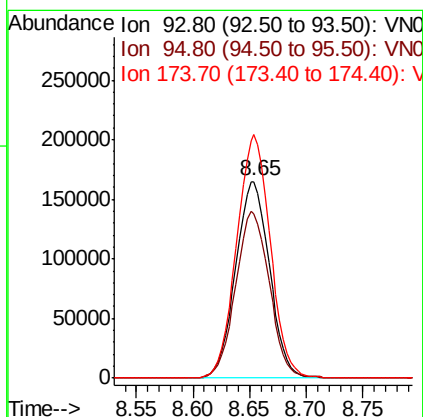
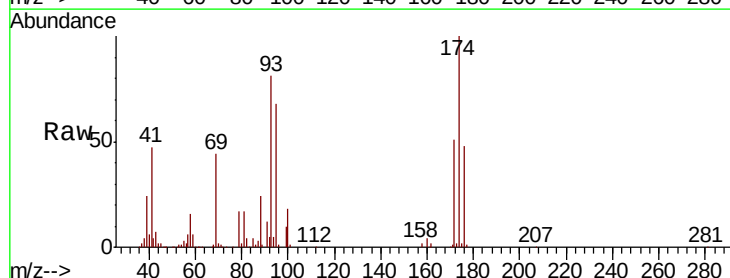
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

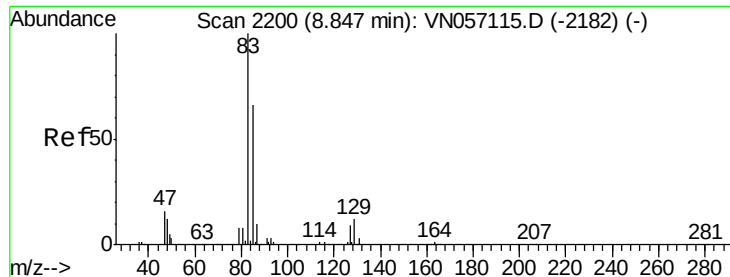
Tgt Ion: 63 Resp: 538911
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.2 37.8



#46
 Dibromomethane
 Concen: 49.384 ug/l
 RT: 8.65 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 93 Resp: 345333
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.0 99.0
 174 122.6 96.0 144.0





#47

Bromodichloromethane

Concen: 51.905 ug/l

RT: 8.85 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

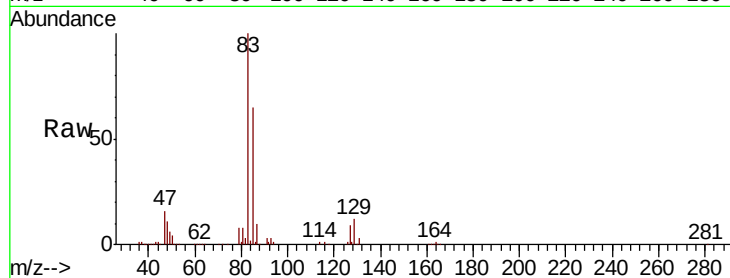
Tgt Ion: 83 Resp: 702309

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8

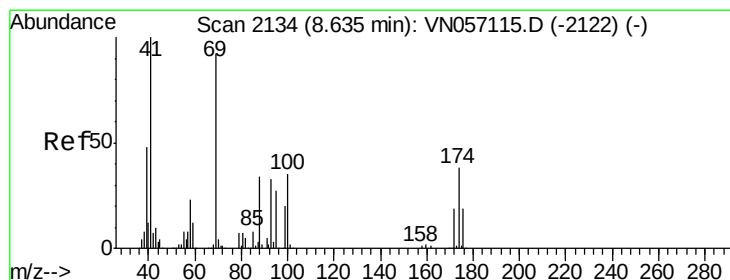
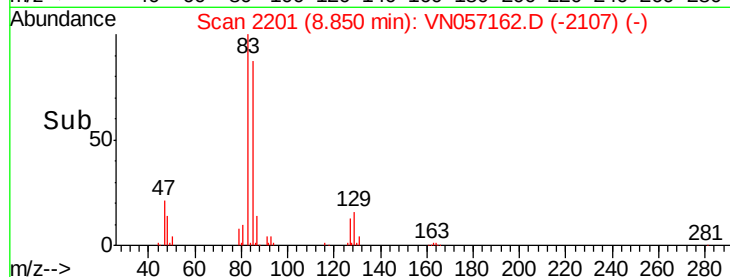
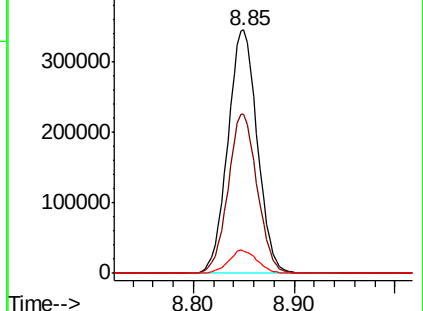
127 9.4 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 48.592 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

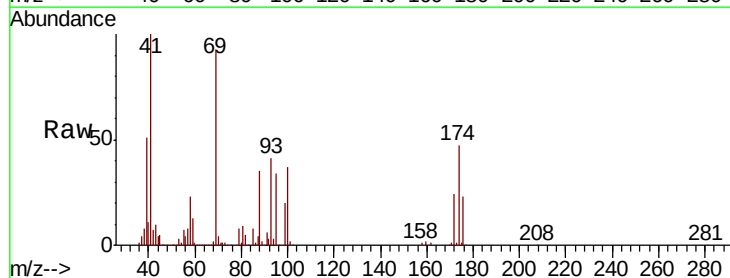
Tgt Ion: 41 Resp: 428868

Ion Ratio Lower Upper

41 100

69 98.3 77.5 116.3

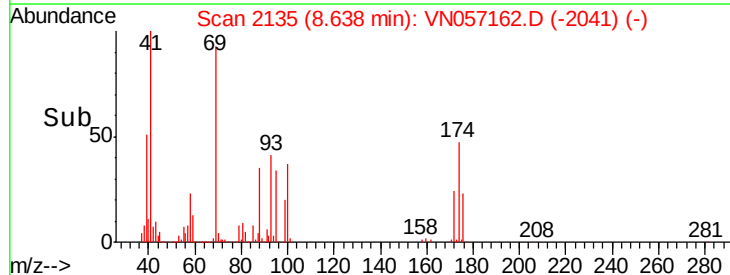
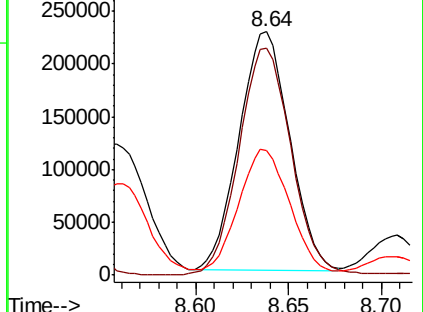
39 50.8 39.8 59.6

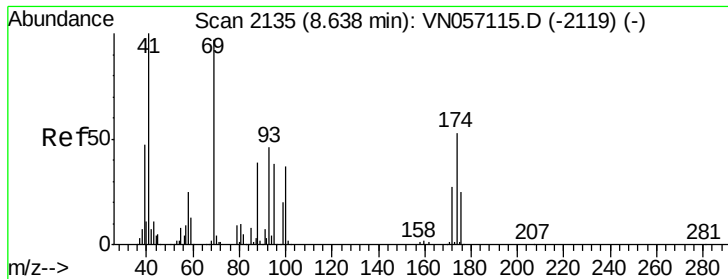


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

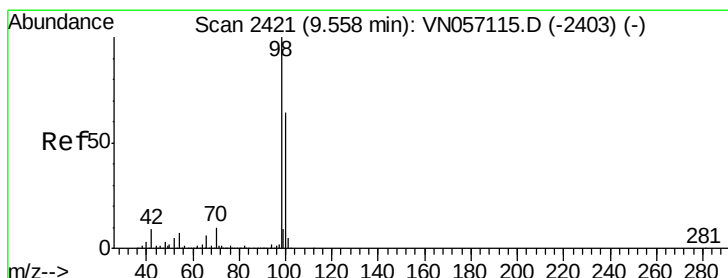
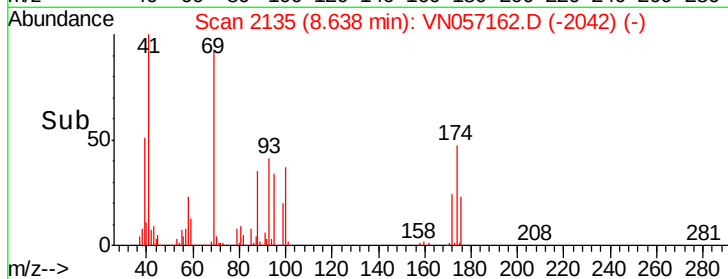
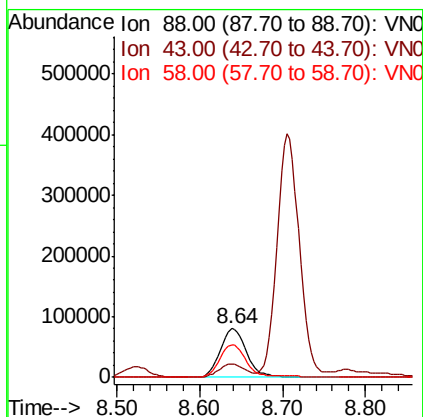
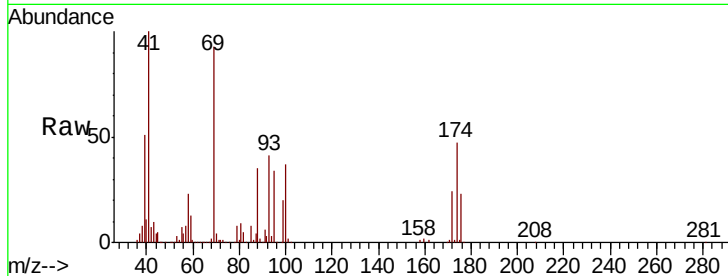




#49
1,4-Dioxane
Concen: 993.627 ug/l
RT: 8.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

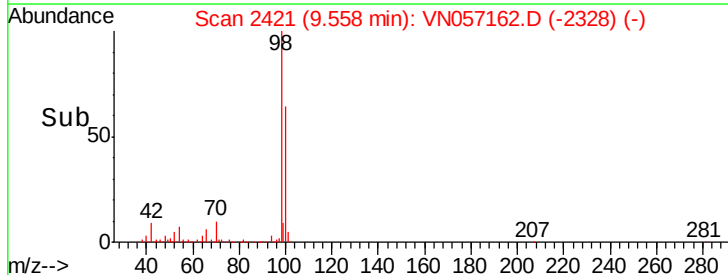
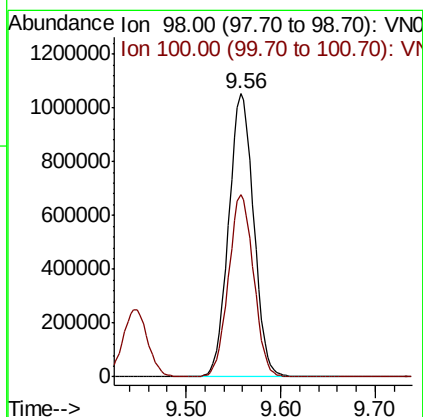
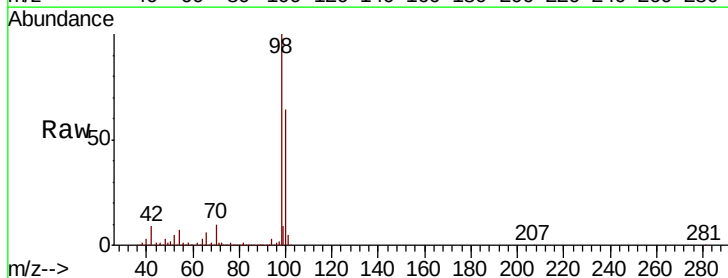
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

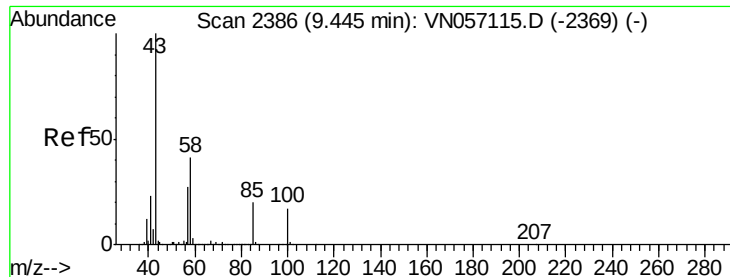
Tgt Ion: 88 Resp: 178611
Ion Ratio Lower Upper
88 100
43 26.5 21.7 32.5
58 64.9 51.1 76.7



#50
Toluene-d8
Concen: 49.842 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 98 Resp: 1933661
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 247.446 ug/l

RT: 9.45 min Scan# 2386

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

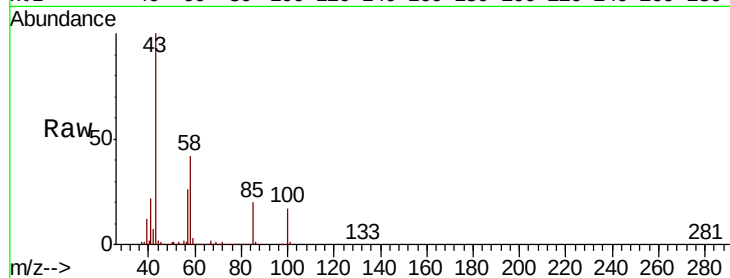
VSTDCCC050EC

Tgt Ion: 43 Resp: 2695501

Ion Ratio Lower Upper

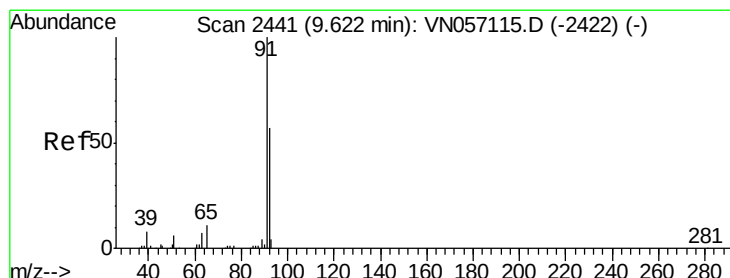
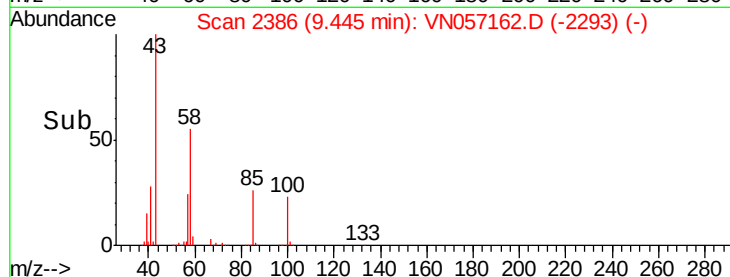
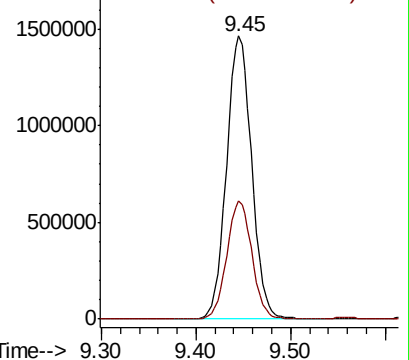
43 100

58 41.7 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.678 ug/l

RT: 9.63 min Scan# 2442

Delta R.T. 0.00 min

Lab File: VN057162.D

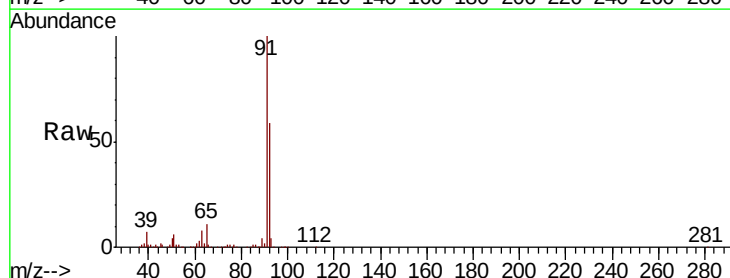
Acq: 9 Aug 2019 21:36

Tgt Ion: 92 Resp: 1298837

Ion Ratio Lower Upper

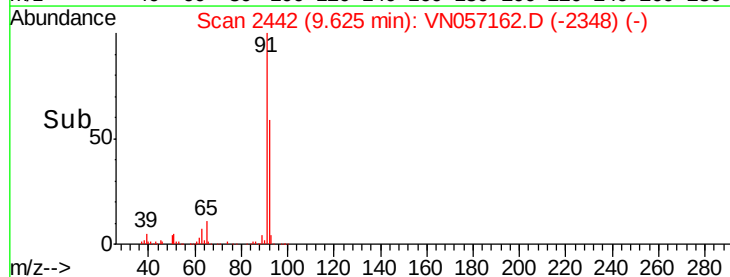
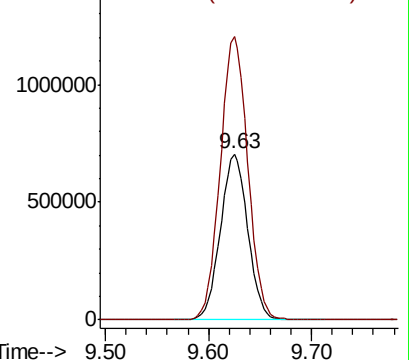
92 100

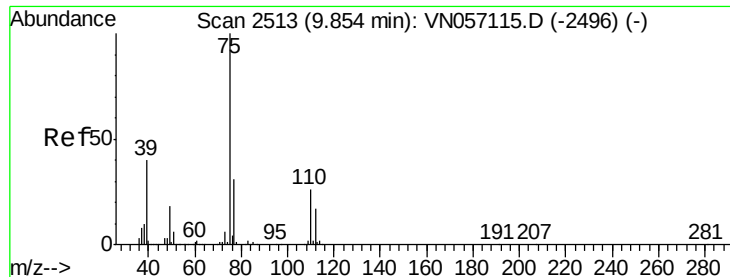
91 172.6 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 50.840 ug/l

RT: 9.86 min Scan# 2514

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

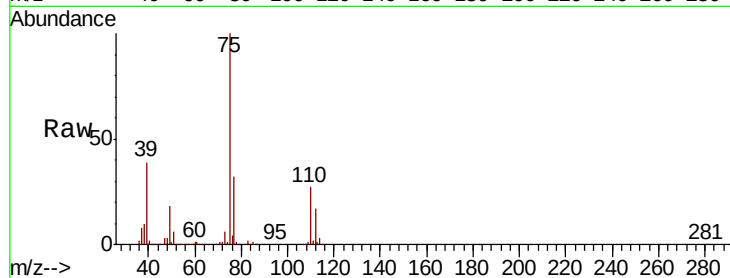
VSTDCCC050EC

Tgt Ion: 75 Resp: 718641

Ion Ratio Lower Upper

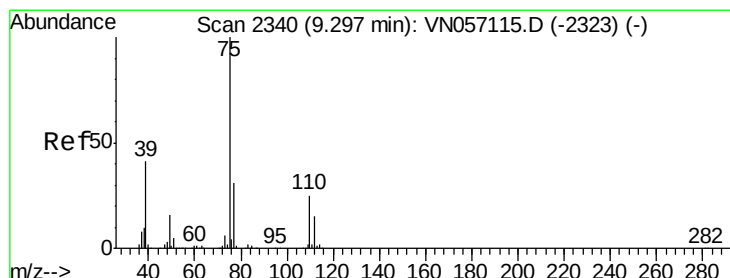
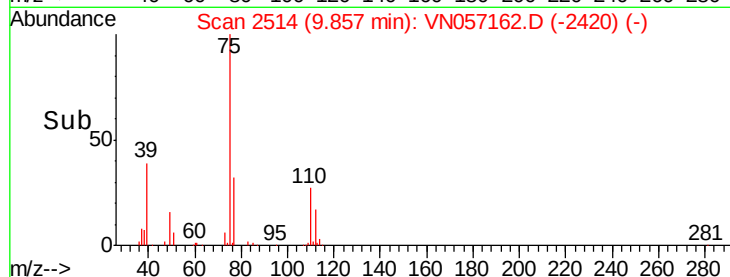
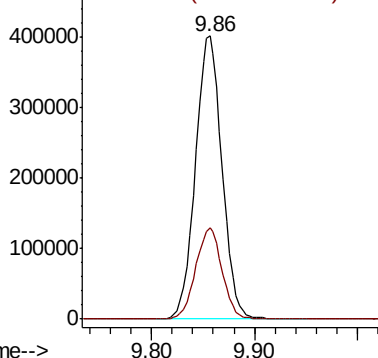
75 100

77 32.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.356 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

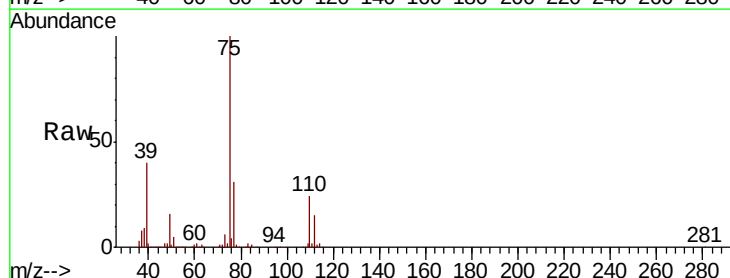
Tgt Ion: 75 Resp: 816761

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

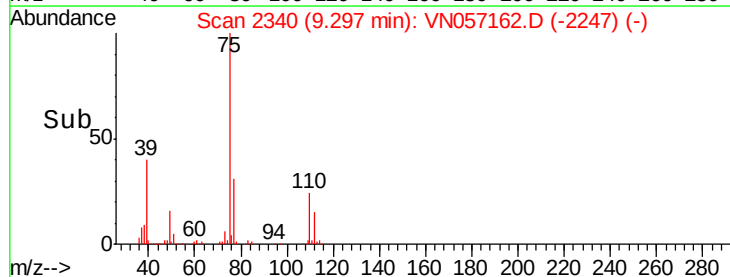
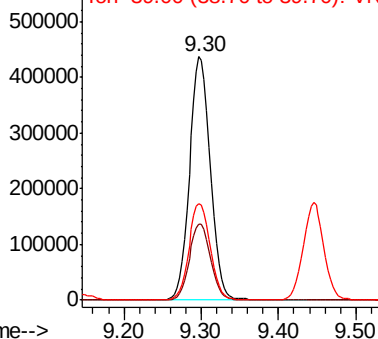
39 39.8 32.5 48.7

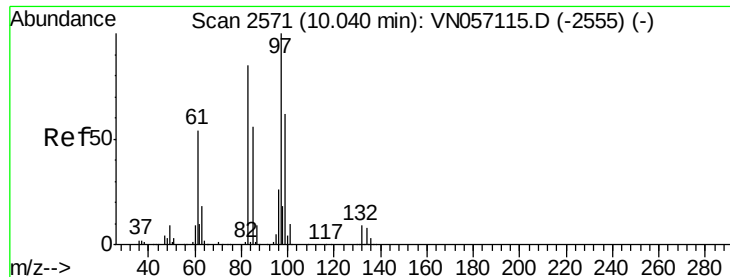


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

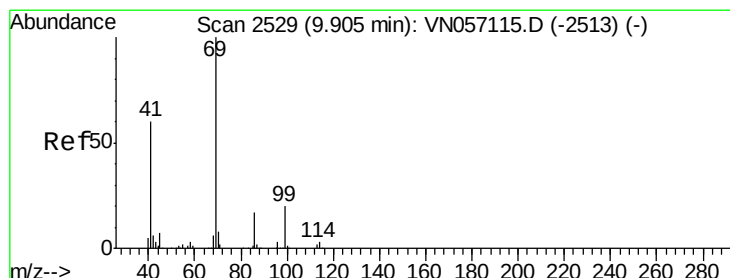
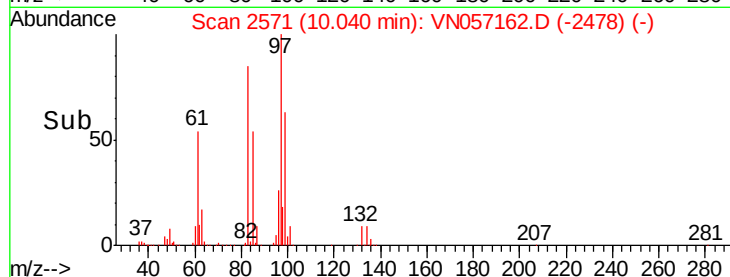
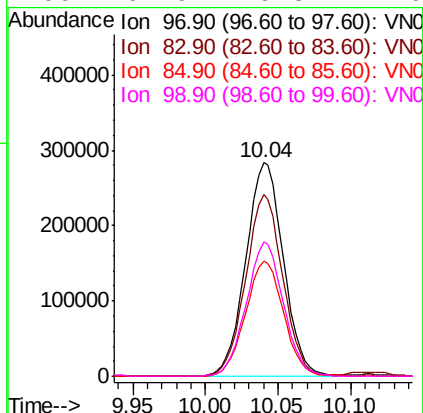
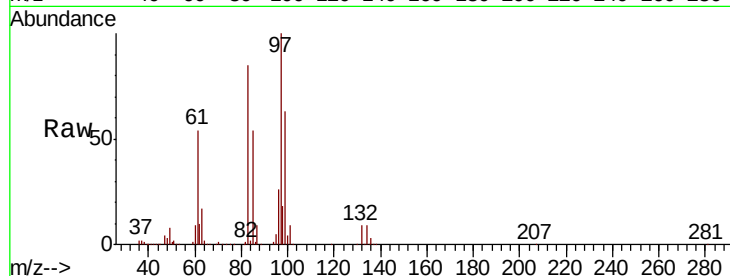




#55
 1,1,2-Trichloroethane
 Concen: 49.787 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

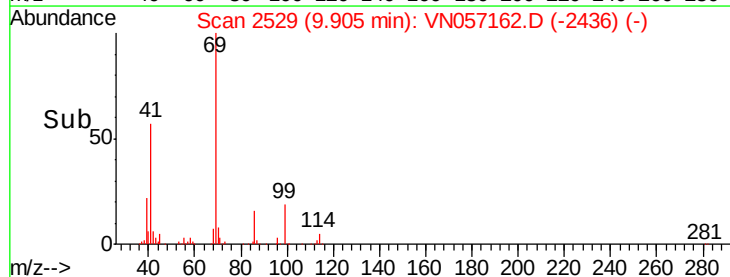
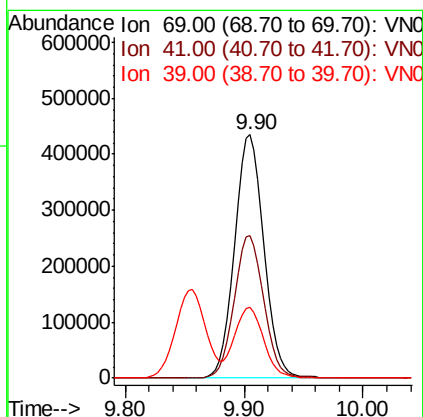
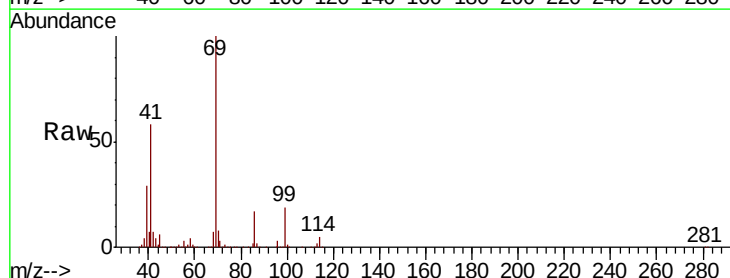
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

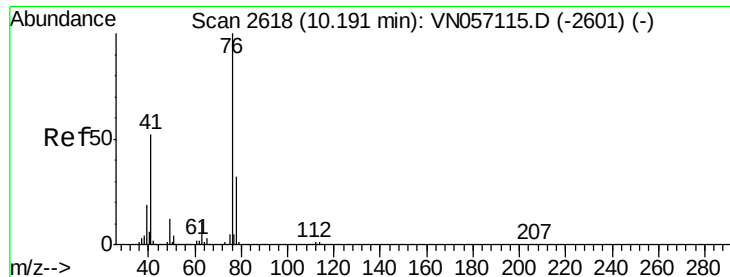
Tgt Ion:	97	Resp:	511870
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.8	101.8
85	53.9	44.4	66.6
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 51.490 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion:	69	Resp:	741219
Ion	Ratio	Lower	Upper
69	100		
41	58.7	48.1	72.1
39	28.7	23.6	35.4

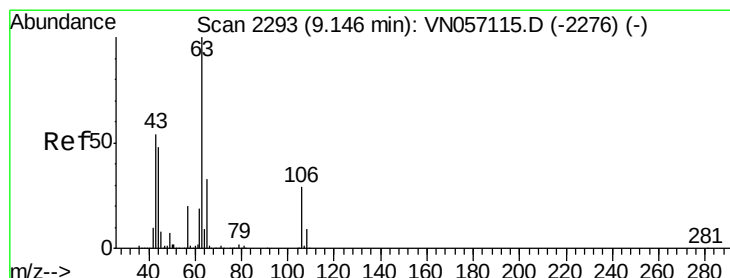
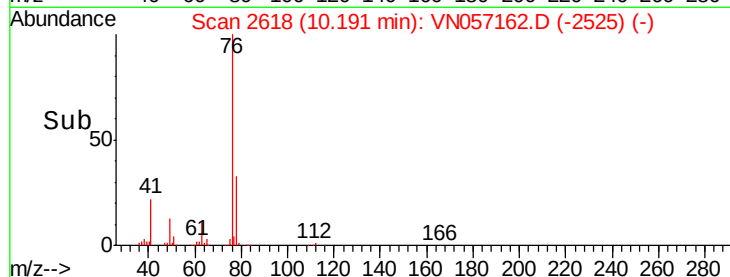
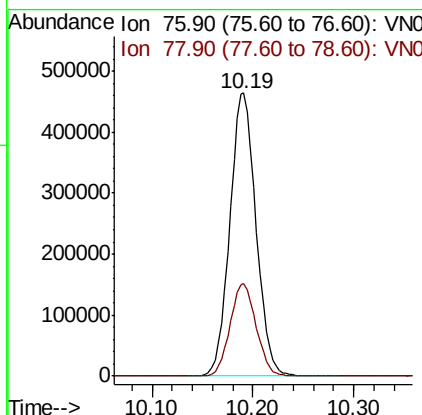
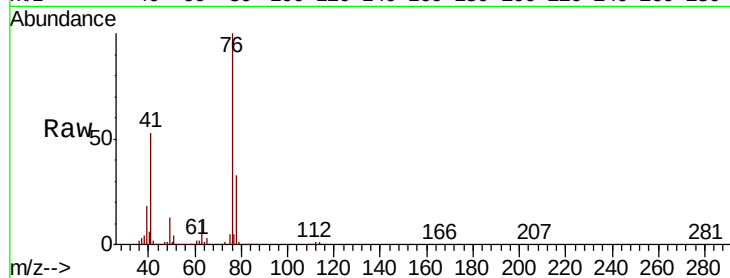




#57
 1,3-Dichloropropane
 Concen: 49.360 ug/l
 RT: 10.19 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

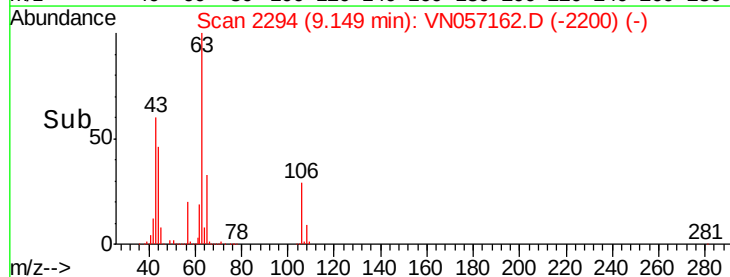
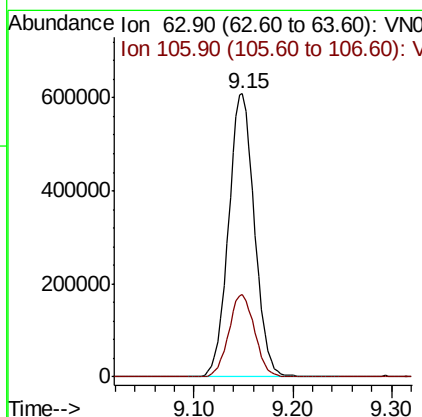
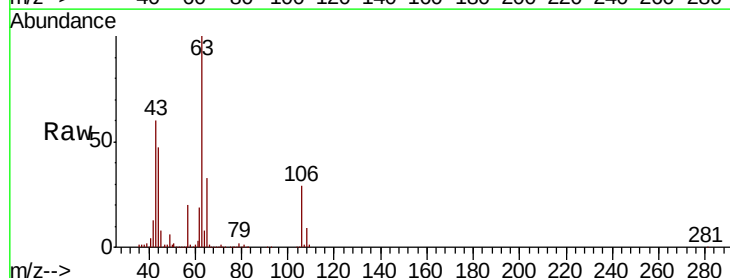
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

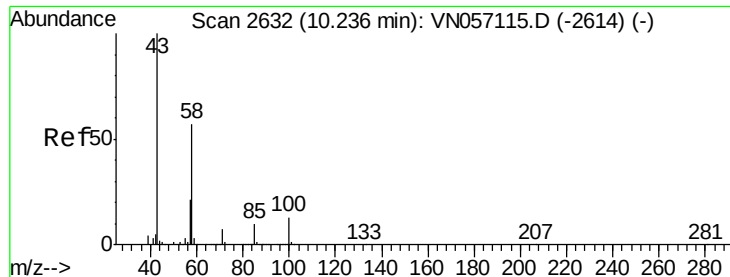
Tgt Ion: 76 Resp: 836897
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 197.385 ug/l
 RT: 9.15 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion: 63 Resp: 1116283
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.6 33.8

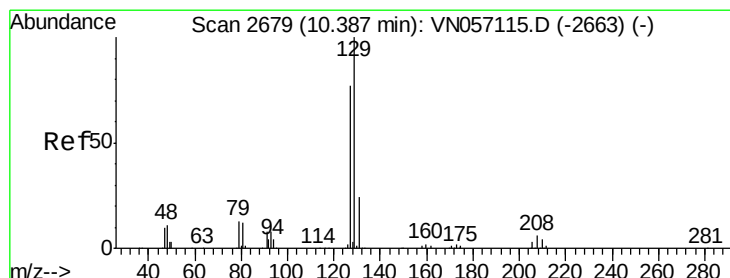
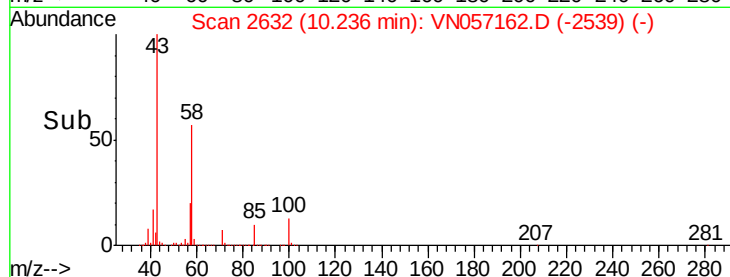
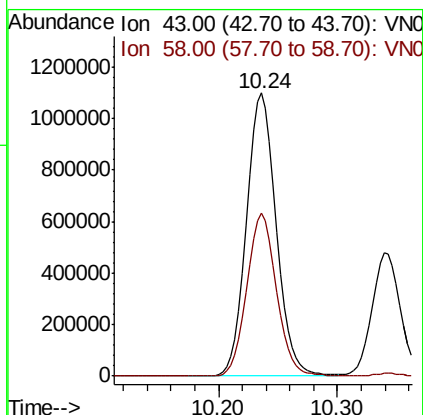
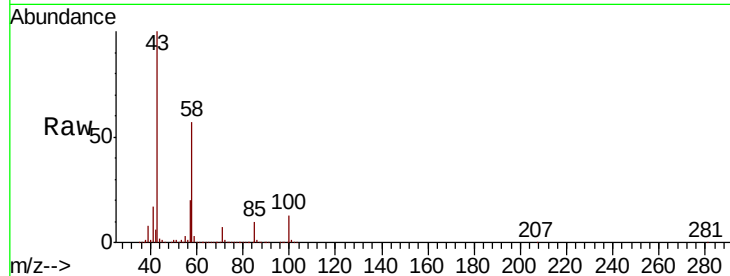




#59
2-Hexanone
Concen: 257.813 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

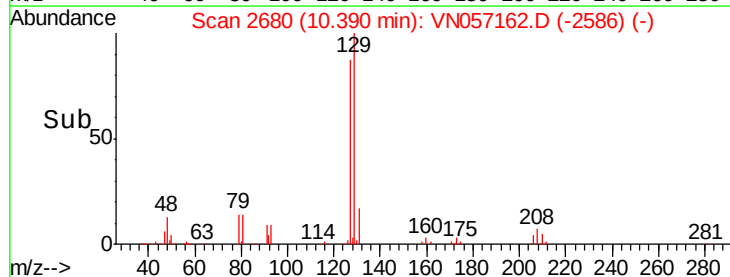
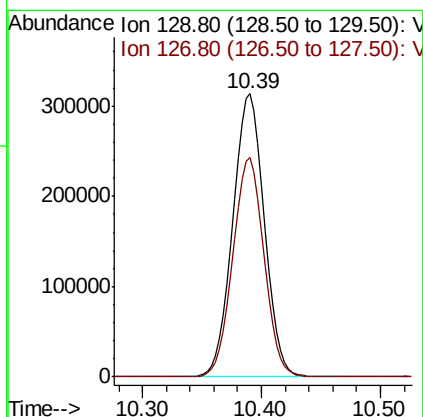
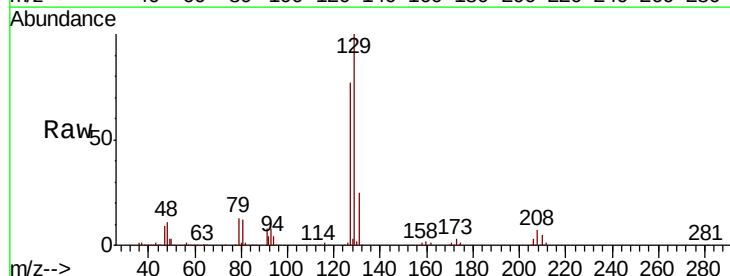
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

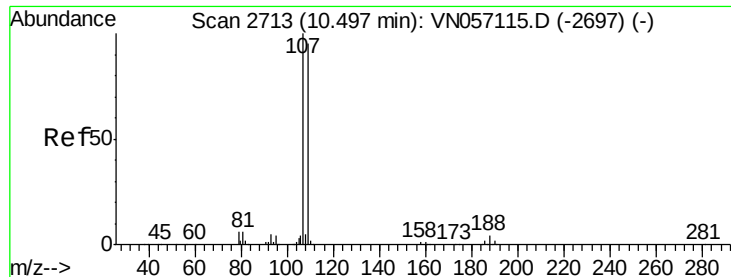
Tgt Ion: 43 Resp: 1900718
Ion Ratio Lower Upper
43 100
58 57.5 29.2 87.6



#60
Dibromochloromethane
Concen: 53.271 ug/l
RT: 10.39 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 129 Resp: 575215
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.594 ug/l

RT: 10.50 min Scan# 2713

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

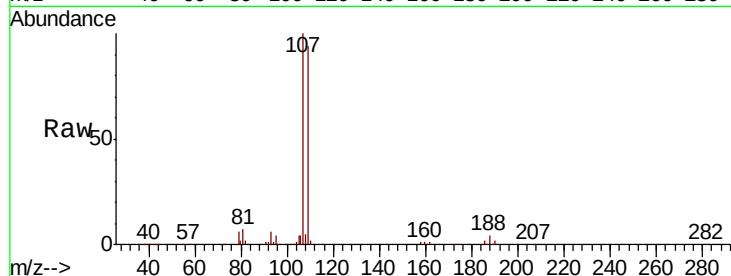
VSTDCCC050EC

Tgt Ion: 107 Resp: 526160

Ion Ratio Lower Upper

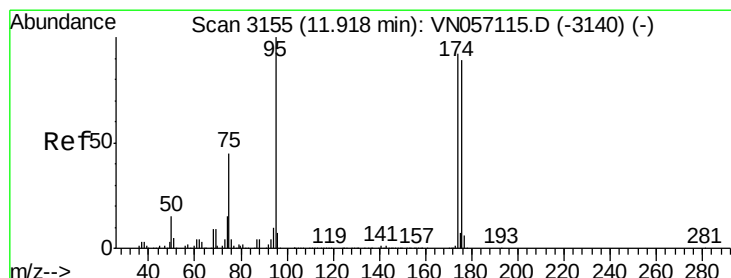
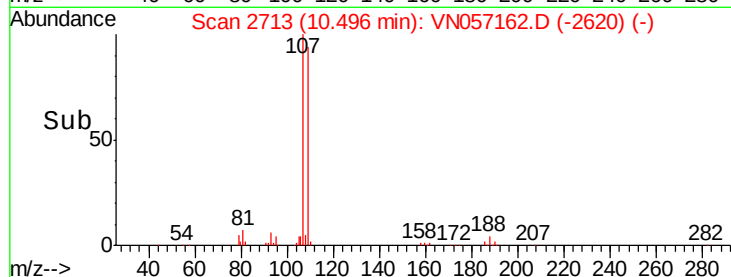
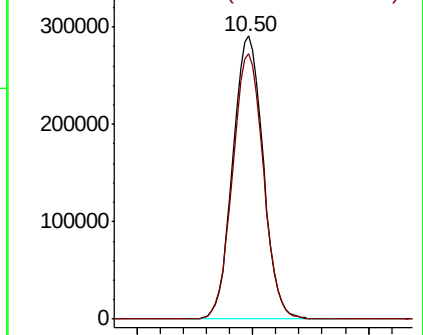
107 100

109 95.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.757 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

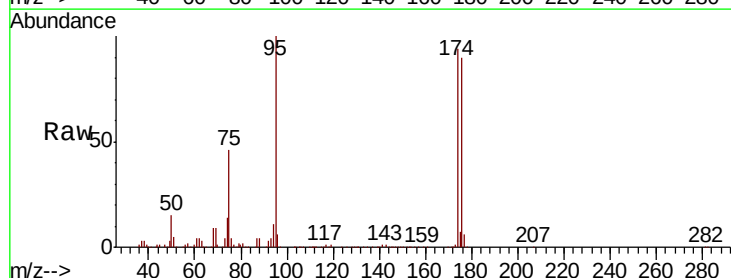
Tgt Ion: 95 Resp: 646981

Ion Ratio Lower Upper

95 100

174 93.7 0.0 185.0

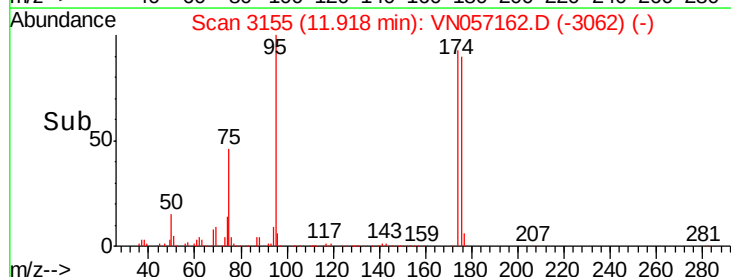
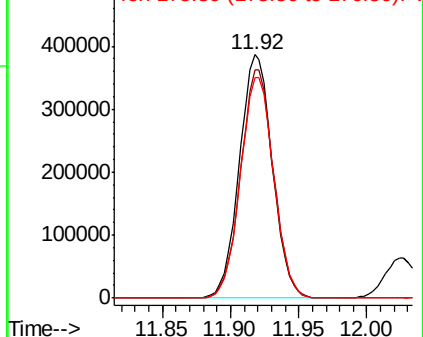
176 91.6 0.0 181.2

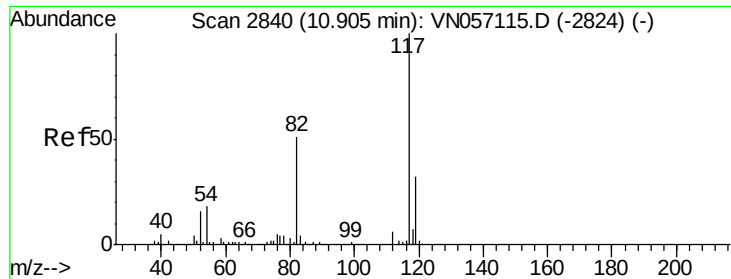


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

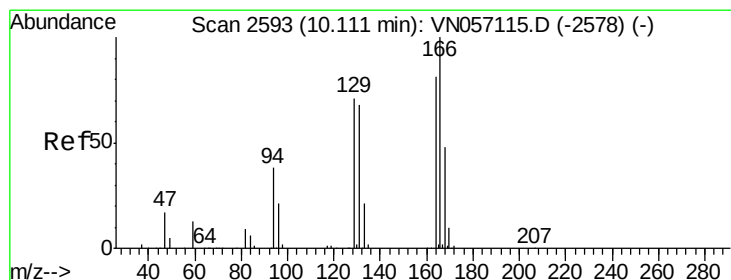
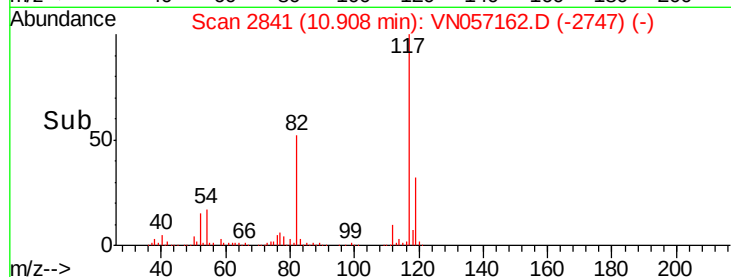
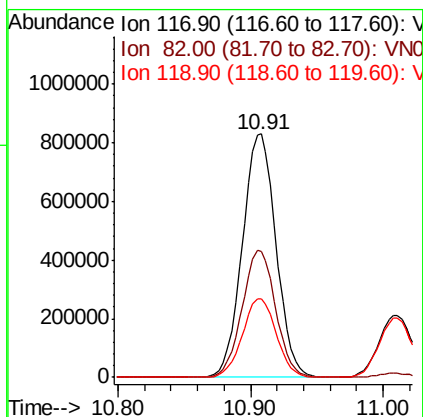
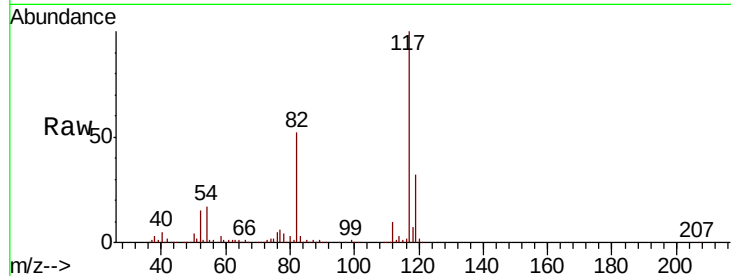




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

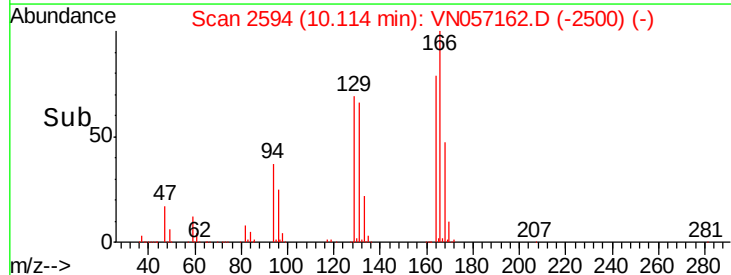
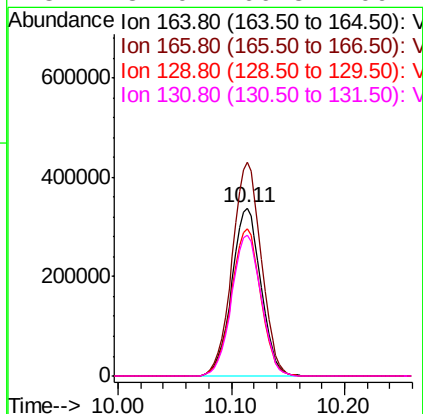
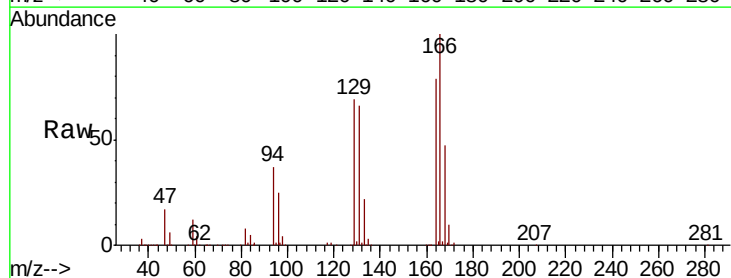
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

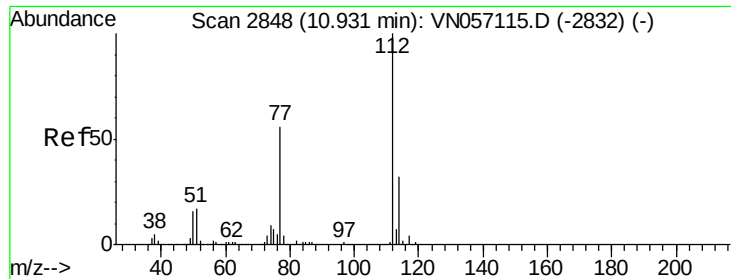
Tgt Ion:117 Resp: 1457312
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 49.822 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion:164 Resp: 603824
Ion Ratio Lower Upper
164 100
166 127.0 98.3 147.5
129 87.8 69.8 104.6
131 84.0 66.8 100.2

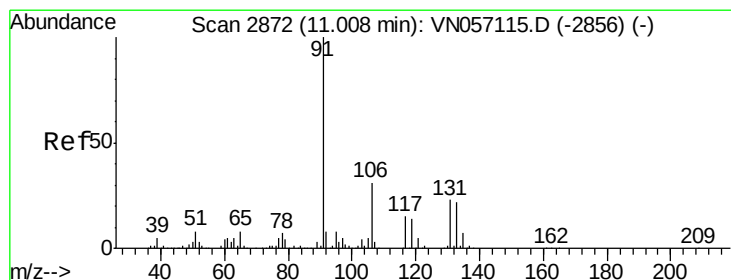
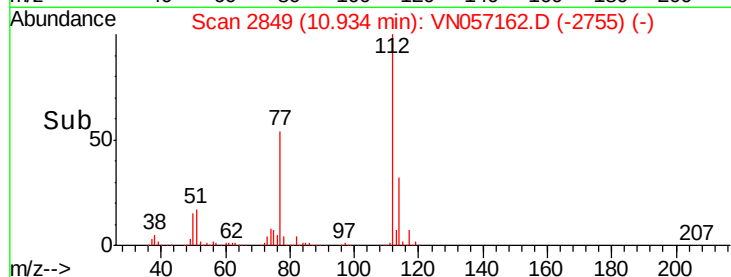
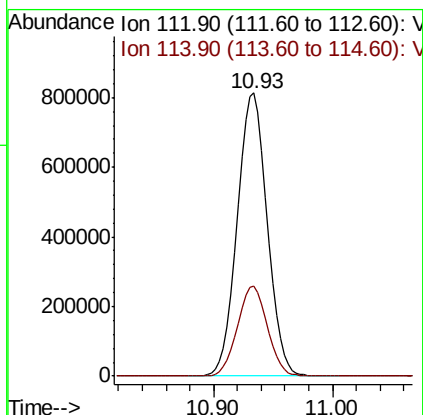
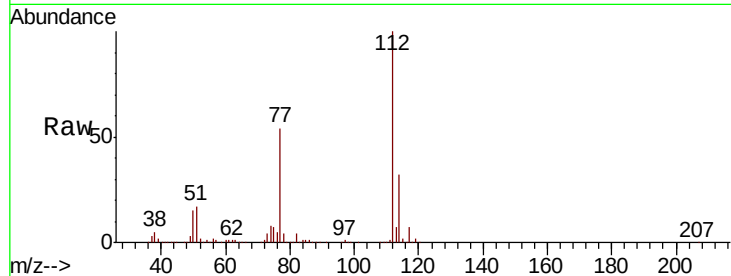




#65
Chlorobenzene
Concen: 48.311 ug/l
RT: 10.93 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

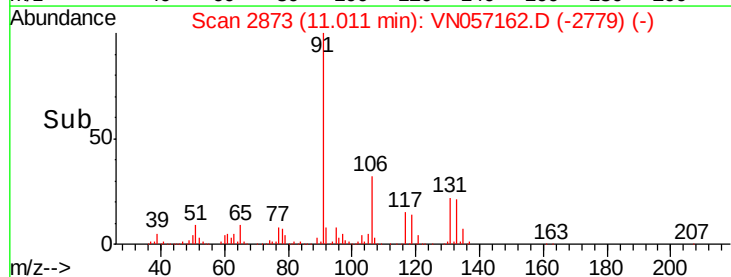
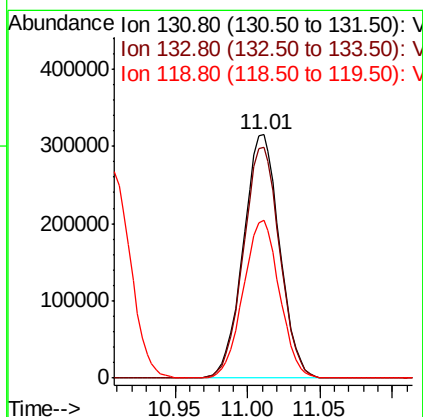
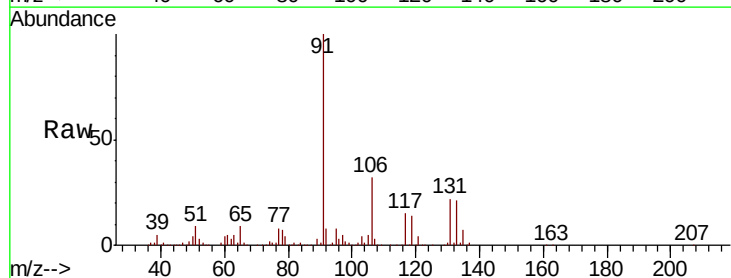
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

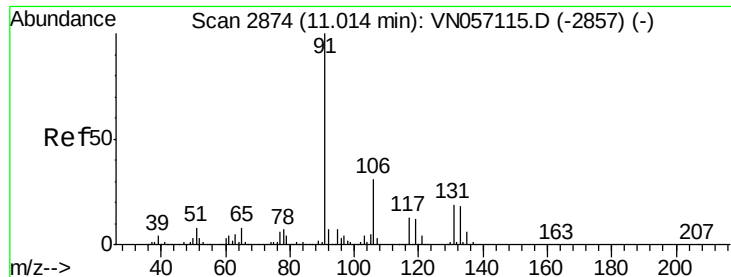
Tgt Ion:112 Resp: 1416584
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.063 ug/l
RT: 11.01 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion:131 Resp: 548812
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 64.7 32.6 97.7

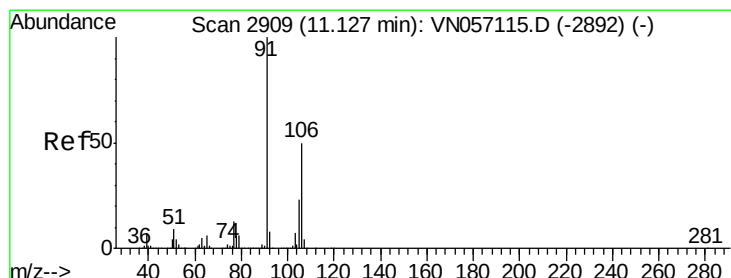
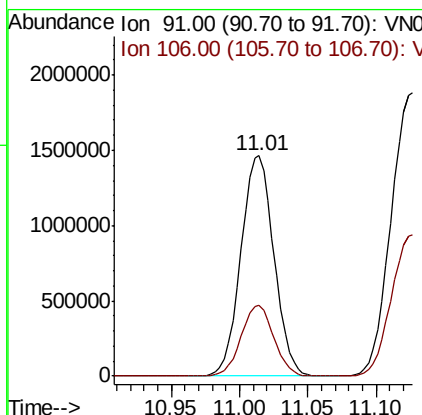
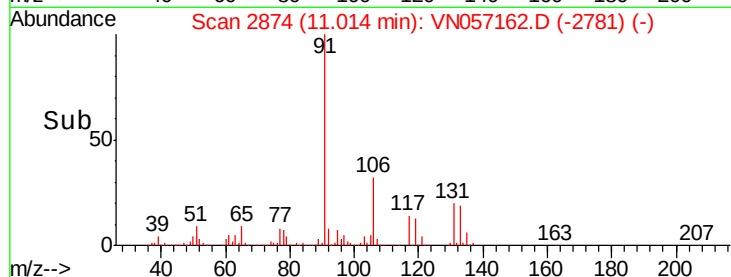
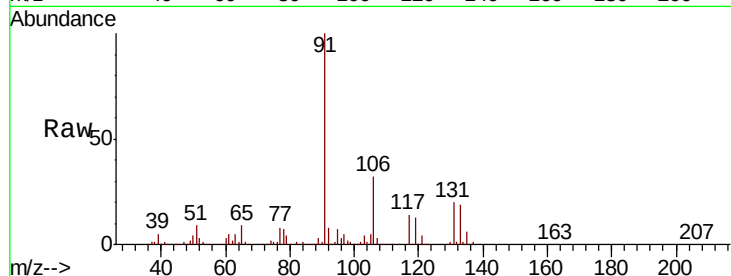




#67
Ethyl Benzene
Concen: 48.774 ug/l
RT: 11.01 min Scan# 2874
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

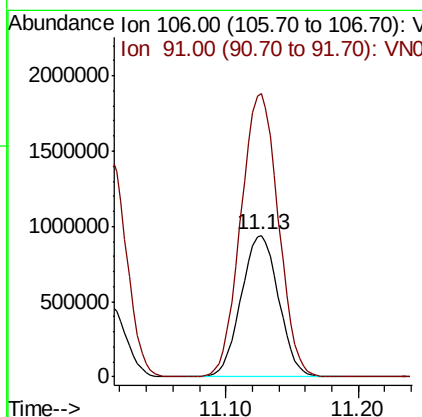
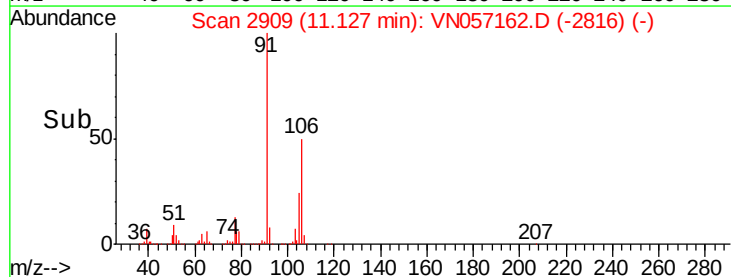
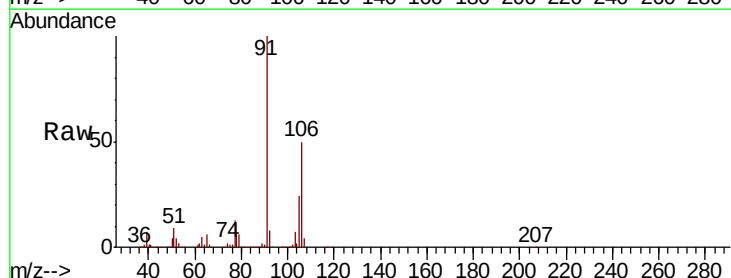
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

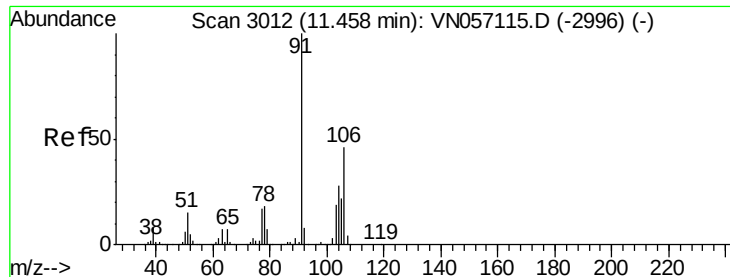
Tgt Ion: 91 Resp: 2461466
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 99.174 ug/l
RT: 11.13 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion: 106 Resp: 1843854
Ion Ratio Lower Upper
106 100
91 200.7 159.8 239.8

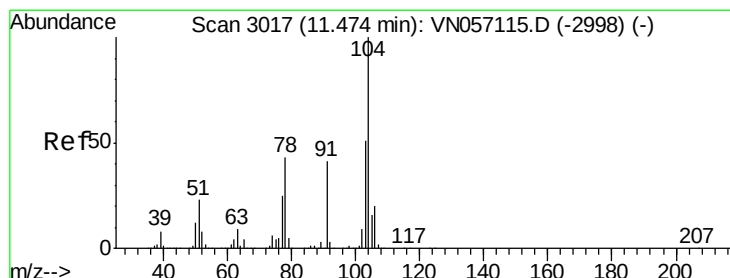
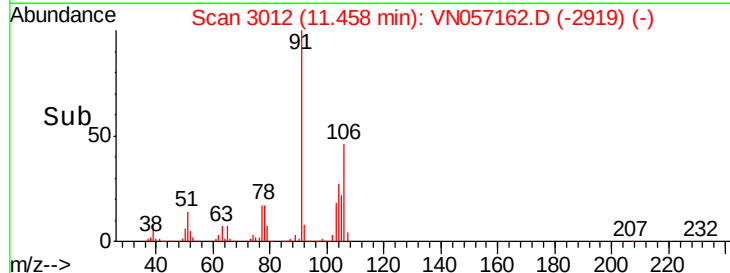
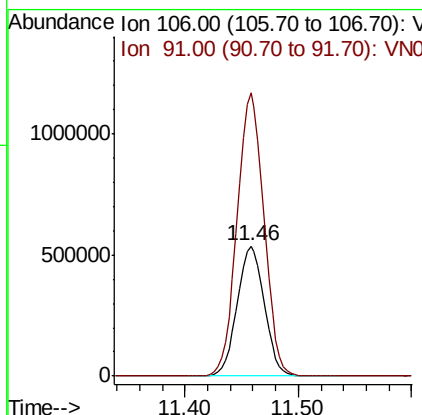
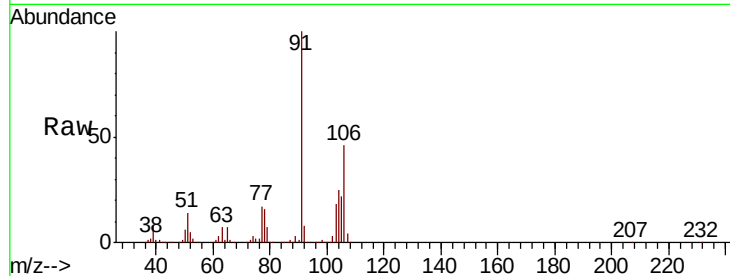




#69
o-Xylene
Concen: 48.530 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

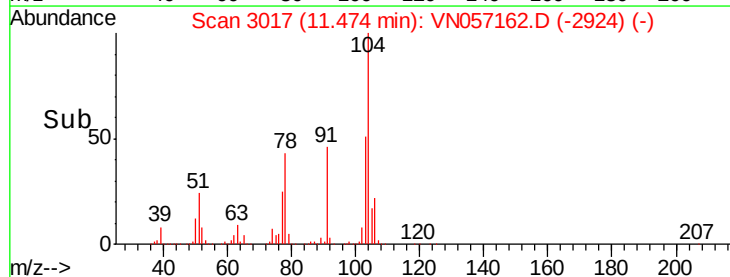
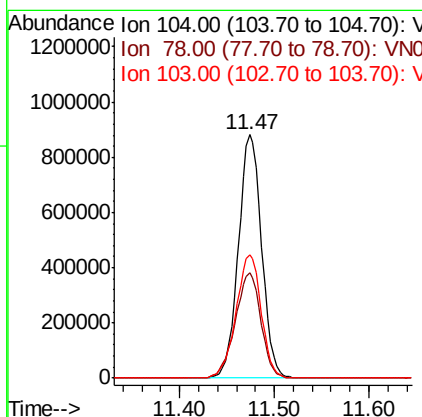
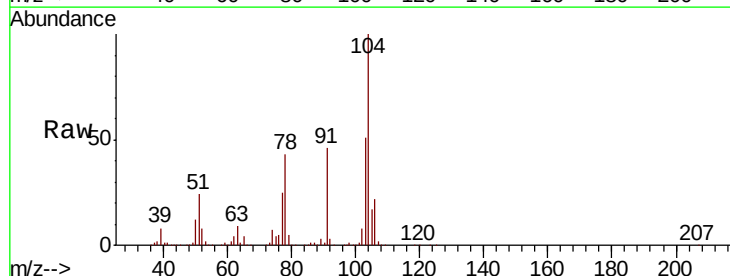
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

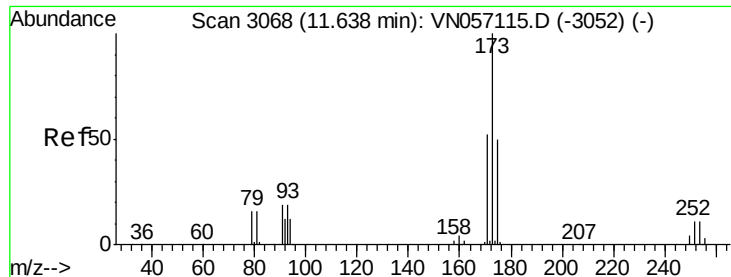
Tgt Ion:106 Resp: 897988
Ion Ratio Lower Upper
106 100
91 215.6 106.8 320.5



#70
Styrene
Concen: 51.725 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion:104 Resp: 1494933
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 55.0 44.6 66.8





#71

Bromoform

Concen: 53.089 ug/l

RT: 11.64 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

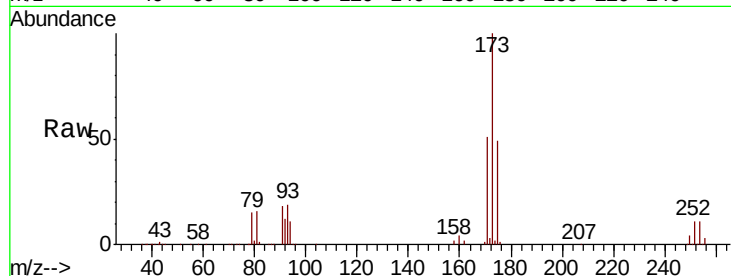
Tgt Ion:173 Resp: 426309

Ion Ratio Lower Upper

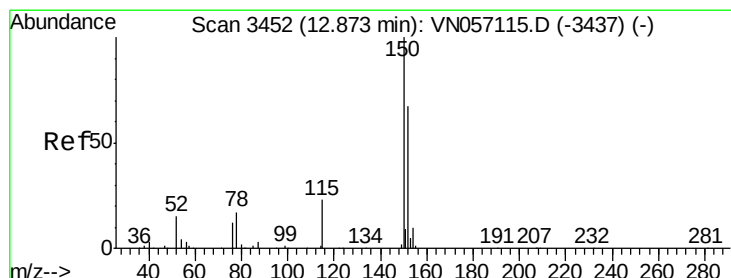
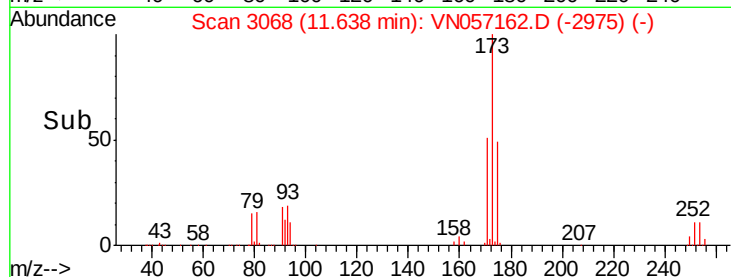
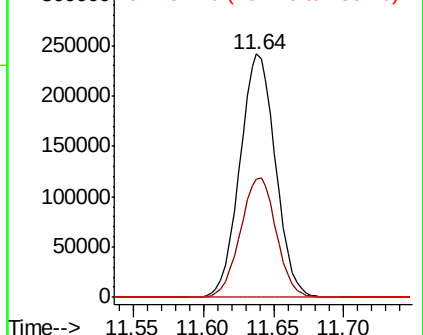
173 100

175 49.5 24.6 73.8

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

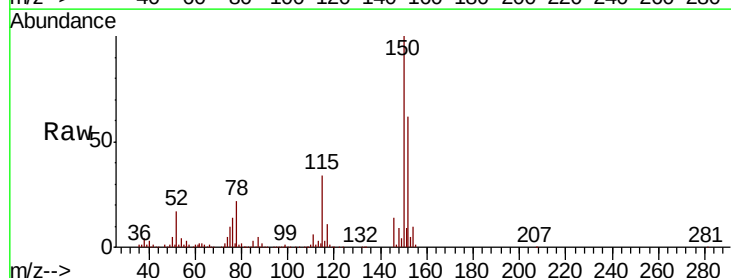
Tgt Ion:152 Resp: 582913

Ion Ratio Lower Upper

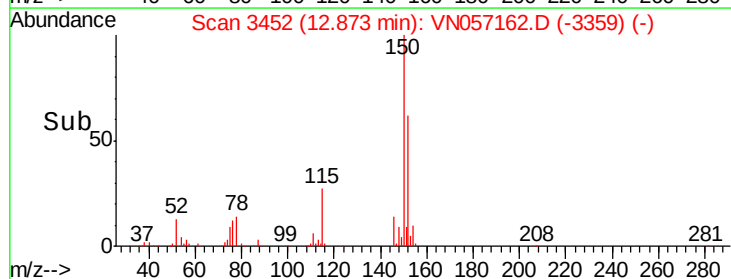
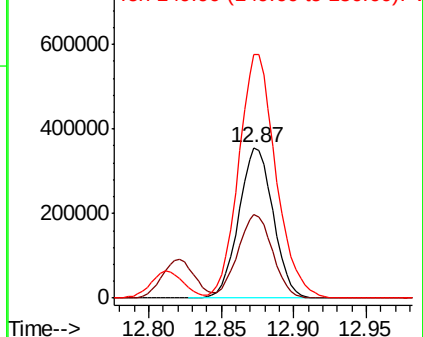
152 100

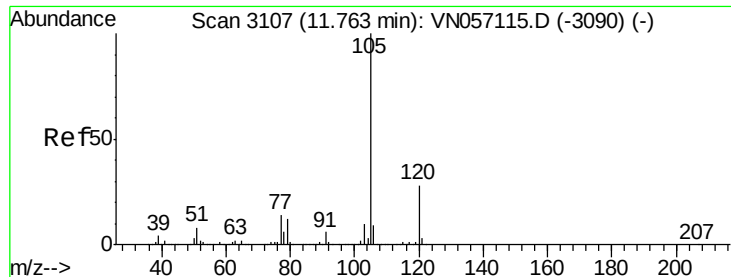
115 56.2 27.5 82.5

150 176.1 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.358 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

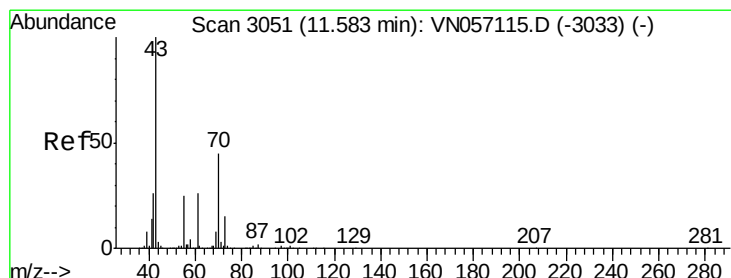
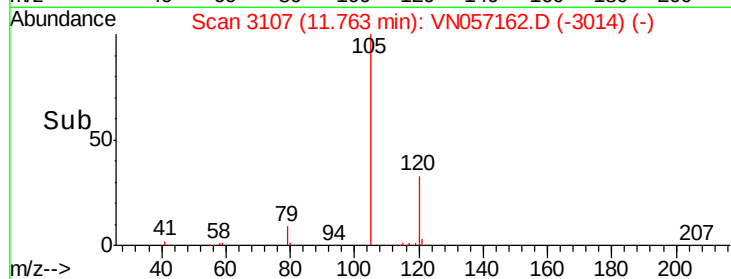
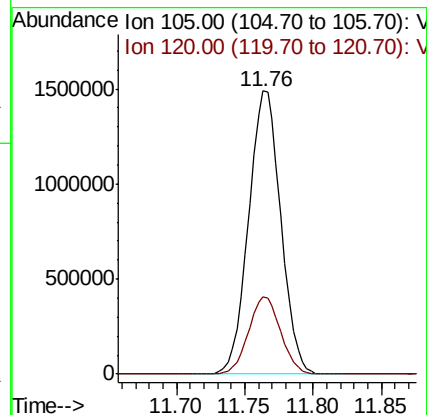
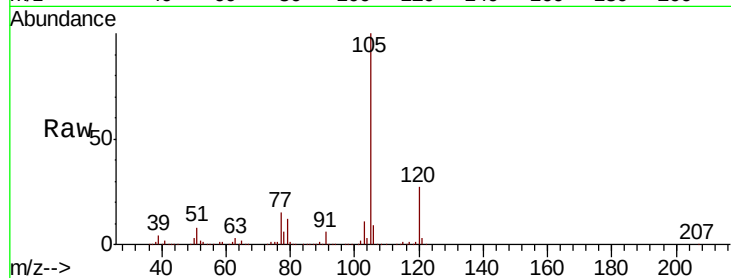
VSTDCCC050EC

Tgt Ion:105 Resp: 2434943

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 47.700 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Tgt Ion: 43 Resp: 704608

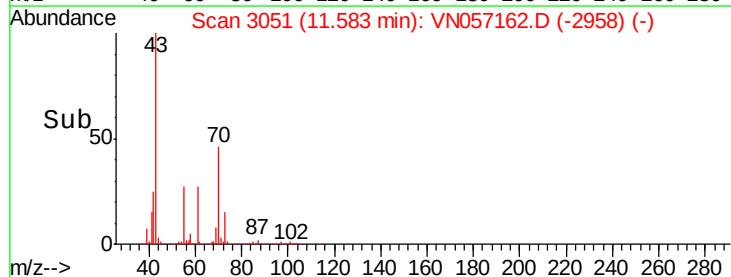
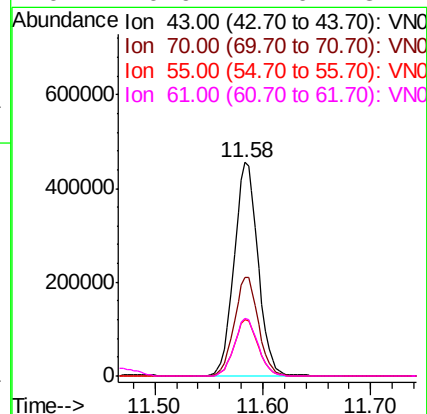
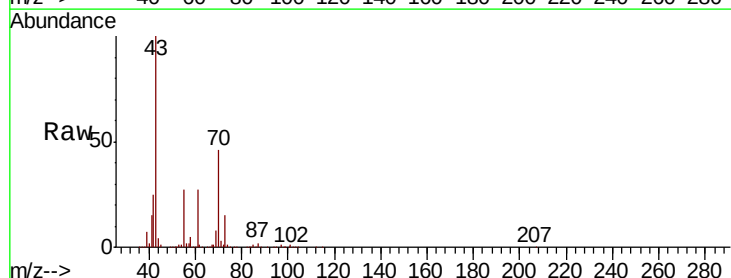
Ion Ratio Lower Upper

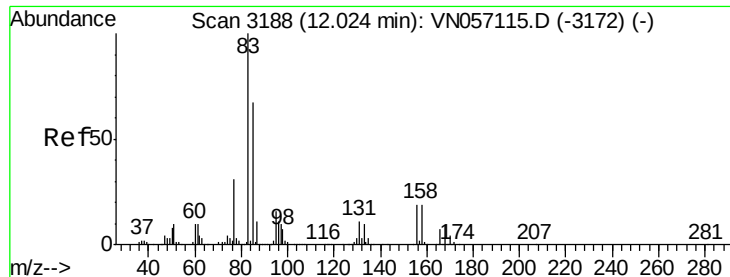
43 100

70 46.8 36.8 55.2

55 26.5 20.6 31.0

61 26.9 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.464 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

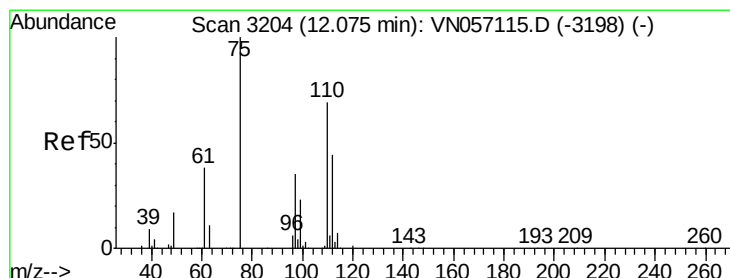
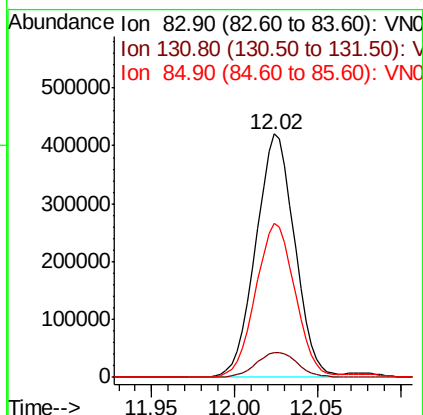
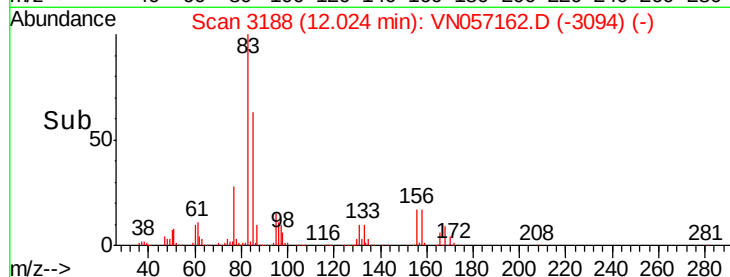
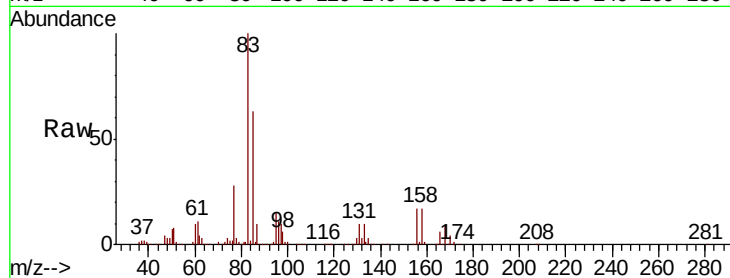
Tgt Ion: 83 Resp: 687547

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

85 64.1 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 71.988 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN057162.D

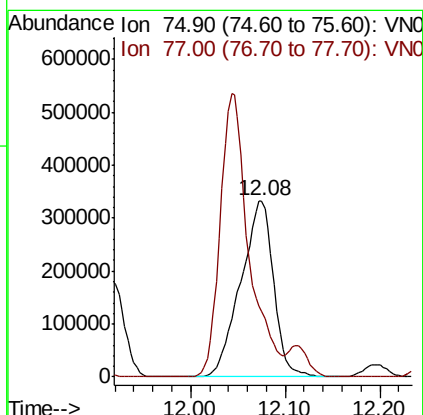
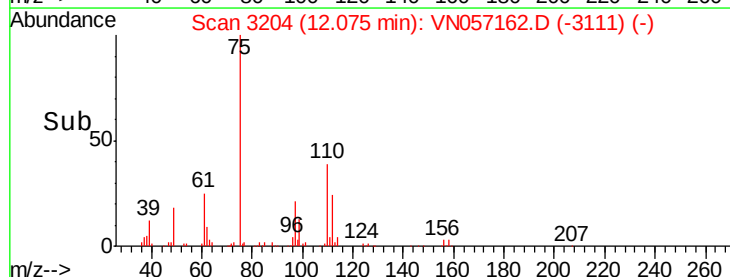
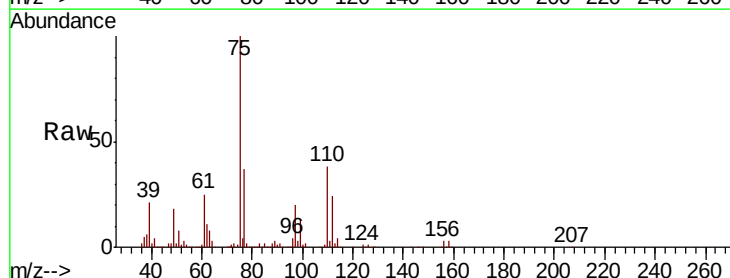
Acq: 9 Aug 2019 21:36

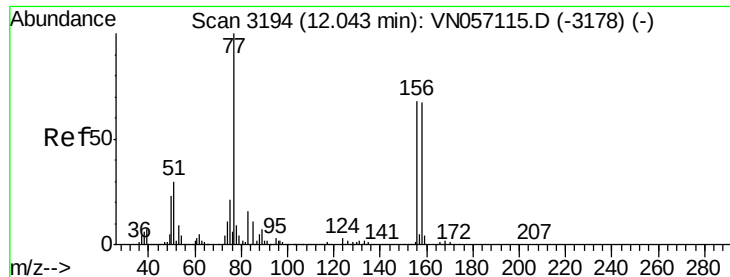
Tgt Ion: 75 Resp: 804152

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.012 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

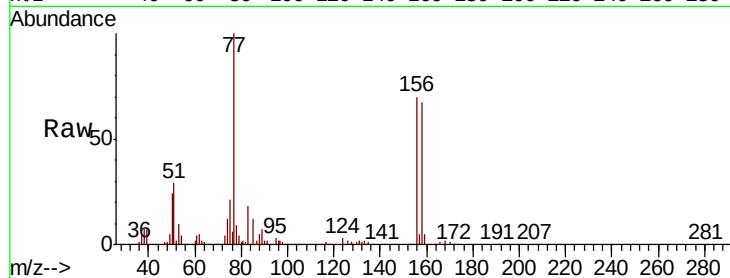
Tgt Ion:156 Resp: 644664

Ion Ratio Lower Upper

156 100

77 175.0 88.7 266.1

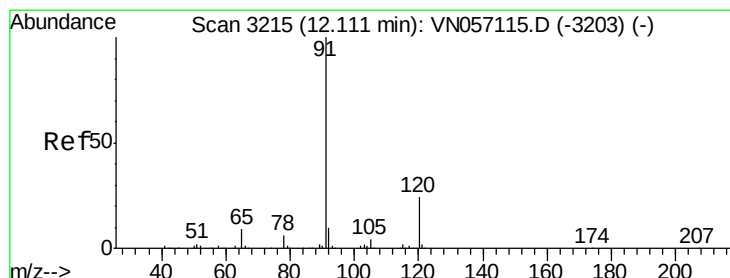
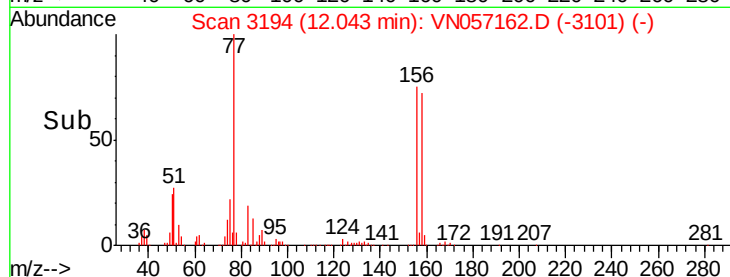
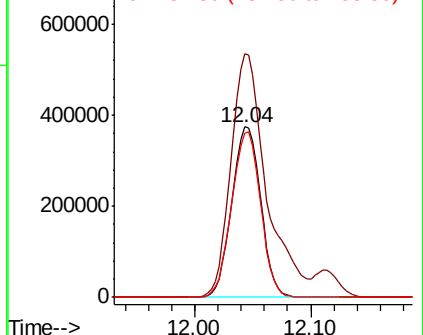
158 97.1 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.935 ug/l

RT: 12.11 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VN057162.D

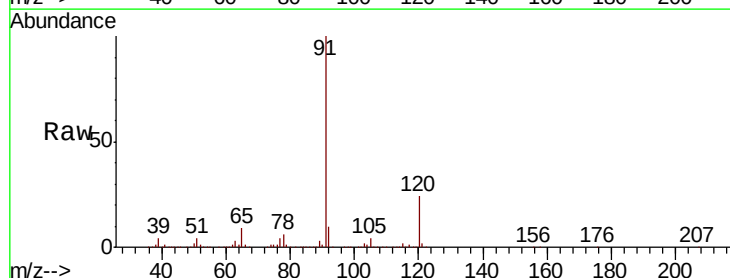
Acq: 9 Aug 2019 21:36

Tgt Ion: 91 Resp: 2568786

Ion Ratio Lower Upper

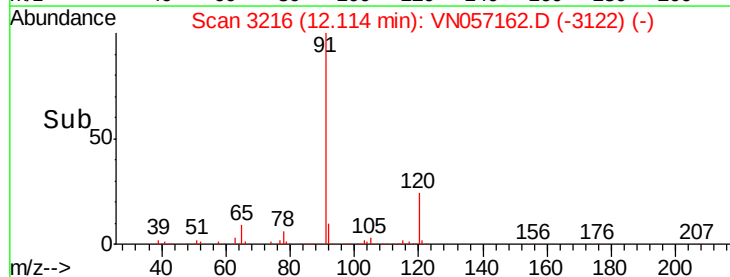
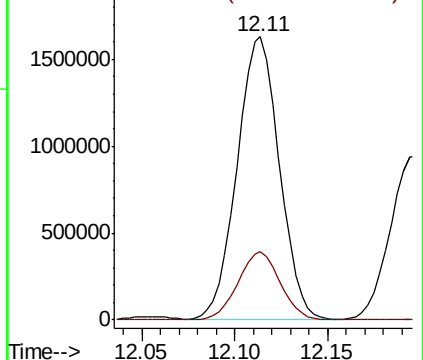
91 100

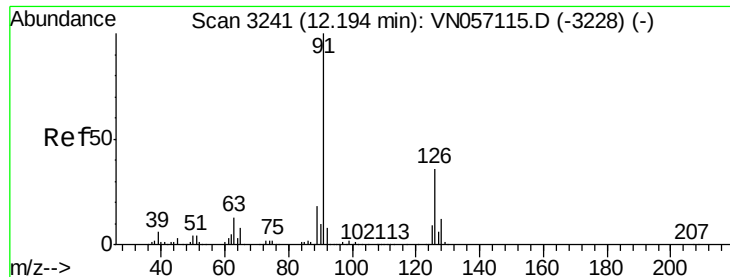
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.488 ug/l

RT: 12.20 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

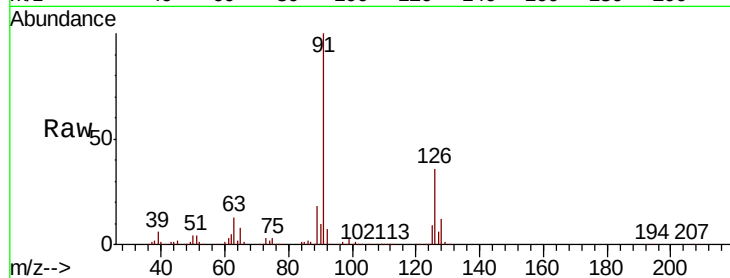
VSTDCCC050EC

Tgt Ion: 91 Resp: 1572528

Ion Ratio Lower Upper

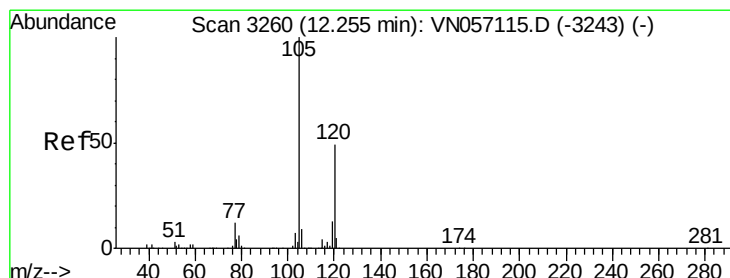
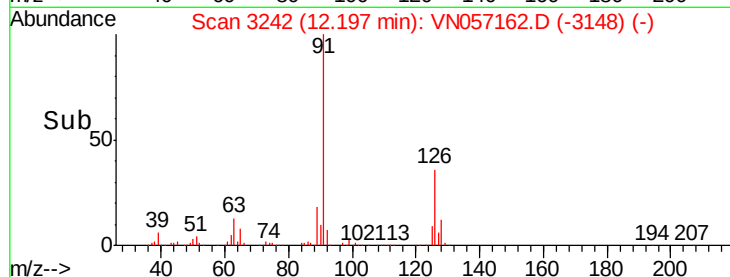
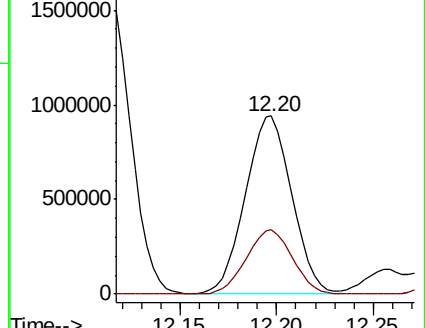
91 100

126 36.2 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3228) (-)

Ion 125.90 (125.60 to 126.60): VN057115.D (-3228) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.039 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057162.D

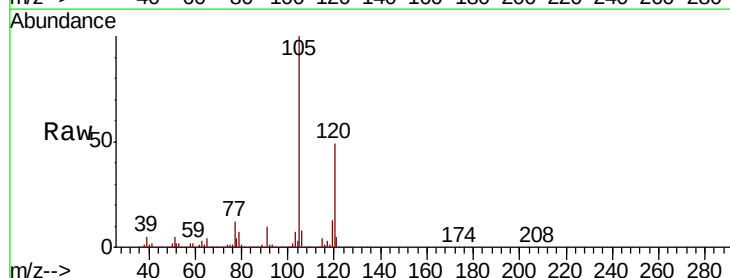
Acq: 9 Aug 2019 21:36

Tgt Ion: 105 Resp: 2026865

Ion Ratio Lower Upper

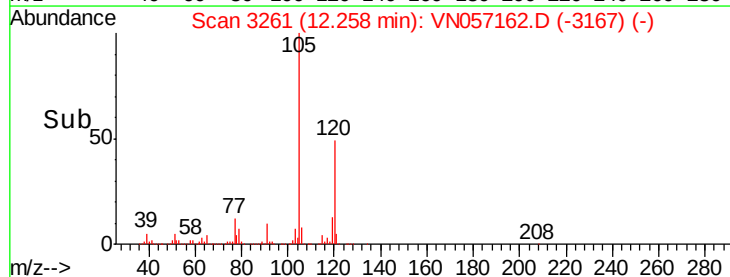
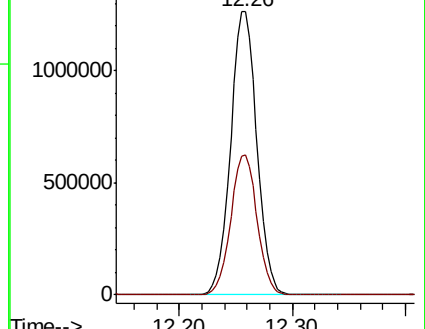
105 100

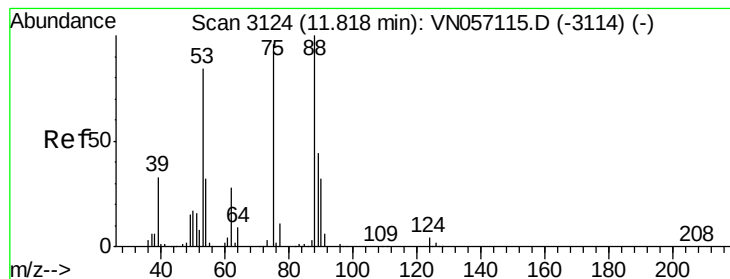
120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN057115.D (-3243) (-)

Ion 120.00 (119.70 to 120.70): VN057115.D (-3243) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.513 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

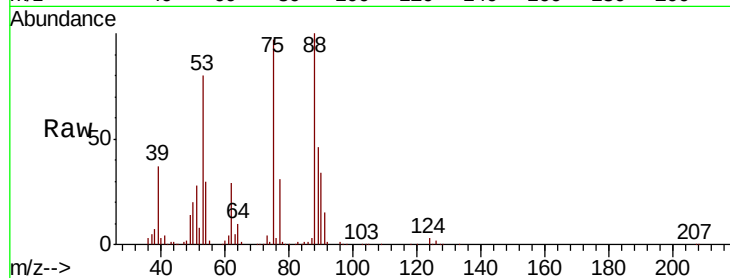
Tgt Ion: 75 Resp: 188365

Ion Ratio Lower Upper

75 100

53 85.4 70.6 106.0

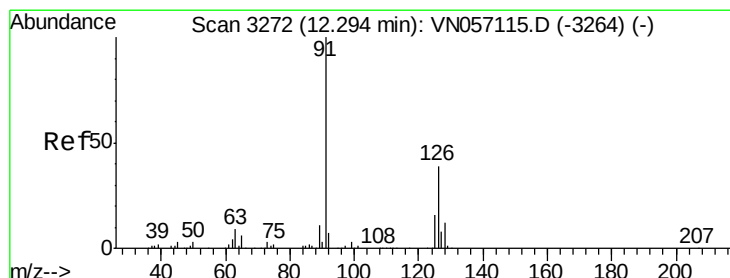
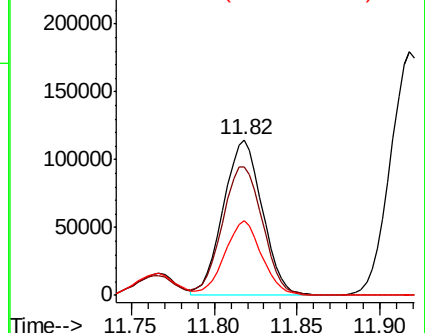
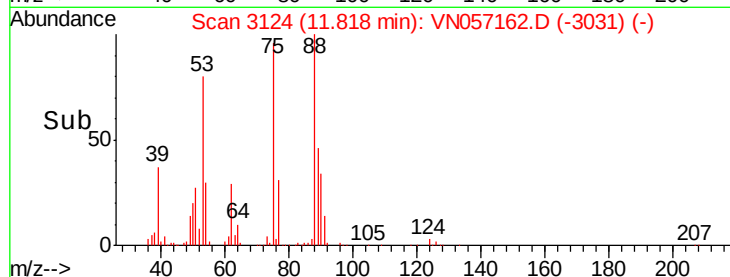
89 45.5 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN057162.D (-3031) (-)

Ion 53.00 (52.70 to 53.70): VN057162.D (-3031) (-)

Ion 88.90 (88.60 to 89.60): VN057162.D (-3031) (-)



#82

4-Chlorotoluene

Concen: 45.836 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057162.D

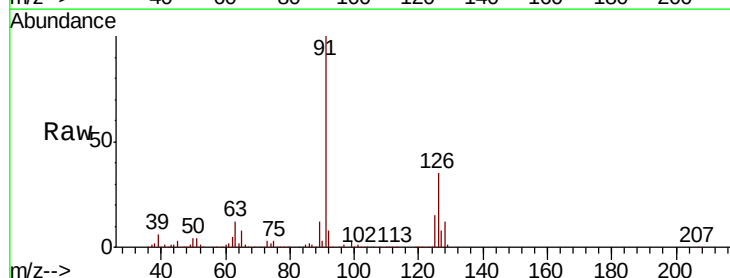
Acq: 9 Aug 2019 21:36

Tgt Ion: 91 Resp: 1484166

Ion Ratio Lower Upper

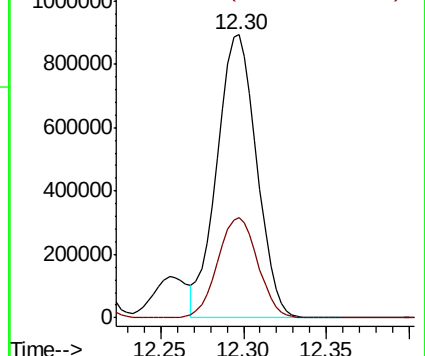
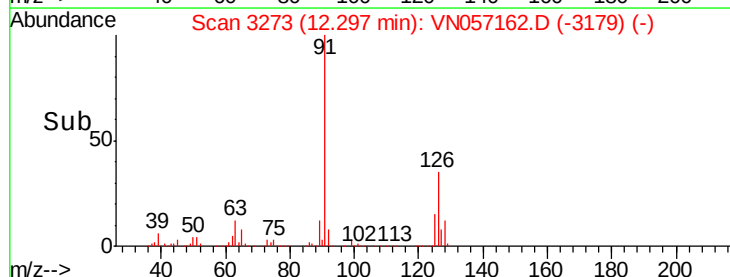
91 100

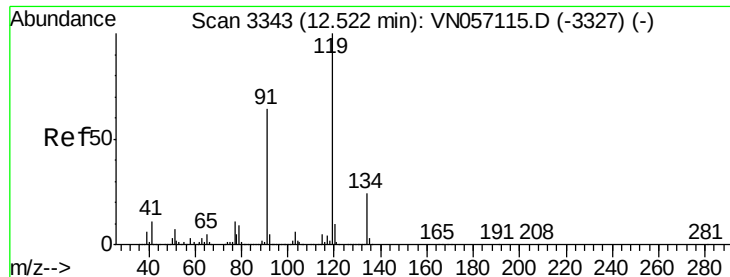
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN057162.D (-3179) (-)

Ion 125.90 (125.60 to 126.60): VN057162.D (-3179) (-)





#83

tert-Butylbenzene

Concen: 51.412 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

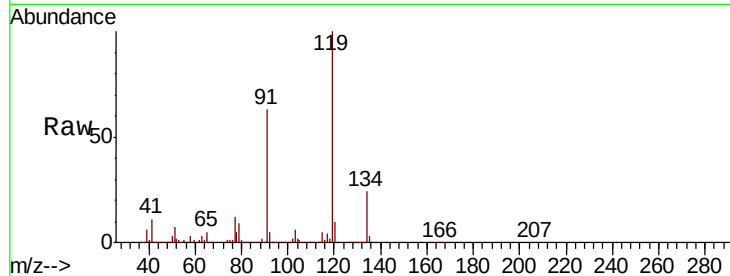
Tgt Ion:119 Resp: 1821798

Ion Ratio Lower Upper

119 100

91 61.3 31.4 94.2

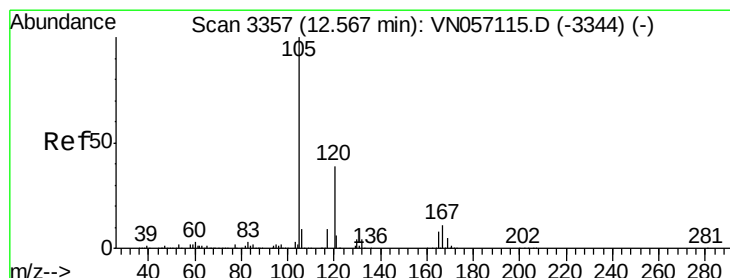
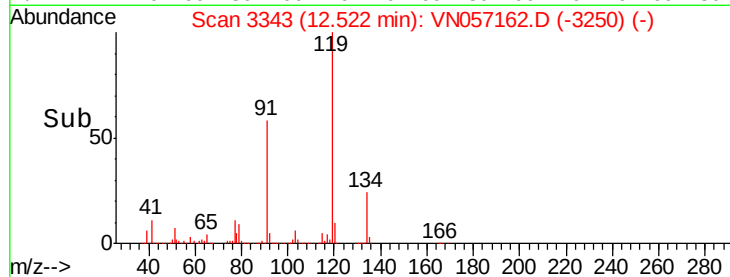
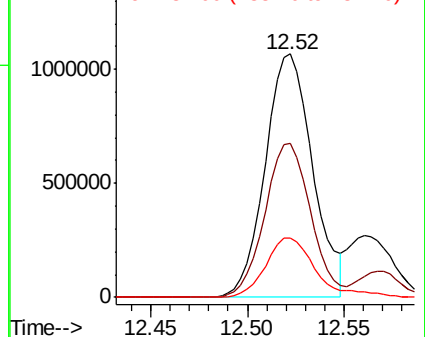
134 25.8 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 44.426 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN057162.D

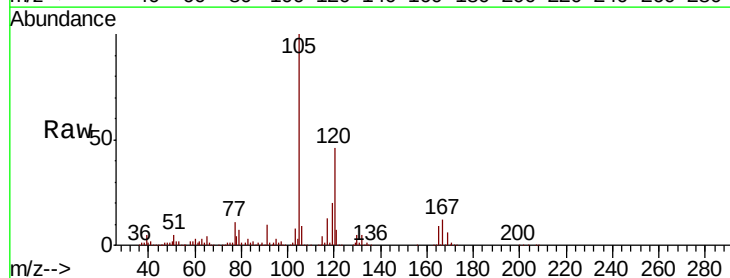
Acq: 9 Aug 2019 21:36

Tgt Ion:105 Resp: 1932434

Ion Ratio Lower Upper

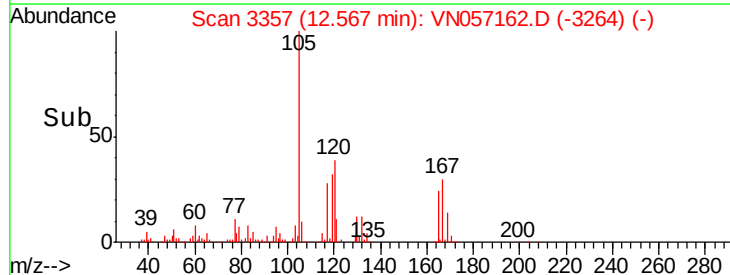
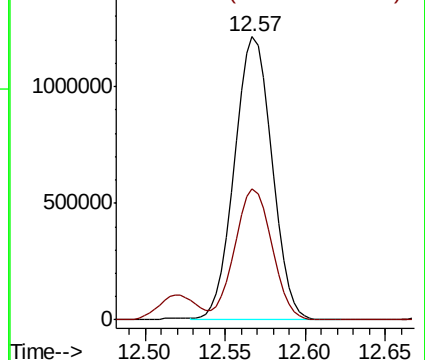
105 100

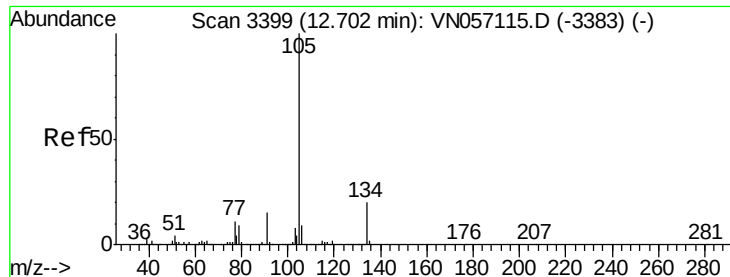
120 46.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.259 ug/l

RT: 12.70 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

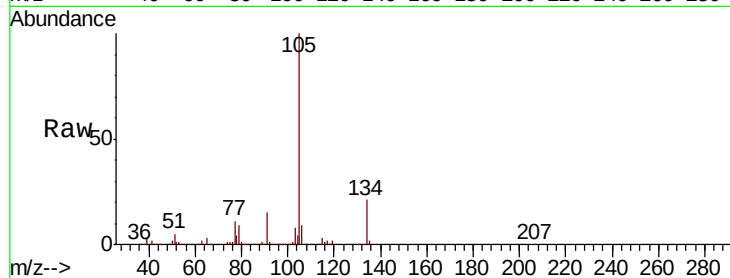
VSTDCCC050EC

Tgt Ion:105 Resp: 2247723

Ion Ratio Lower Upper

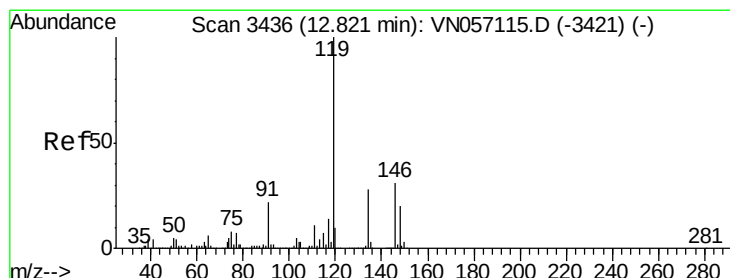
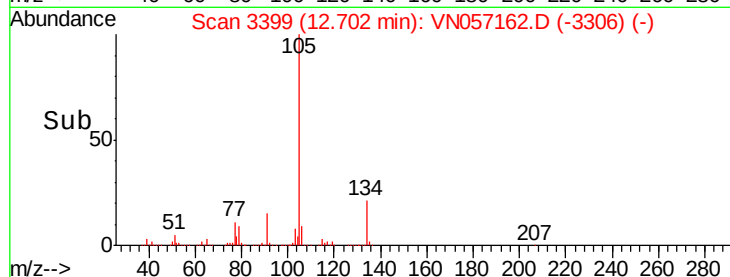
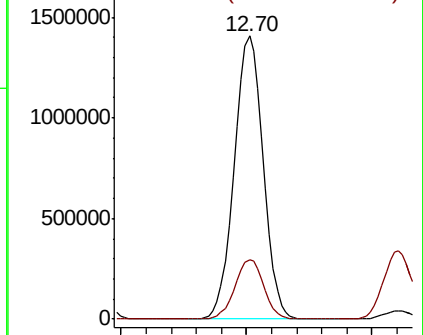
105 100

134 21.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.756 ug/l

RT: 12.82 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

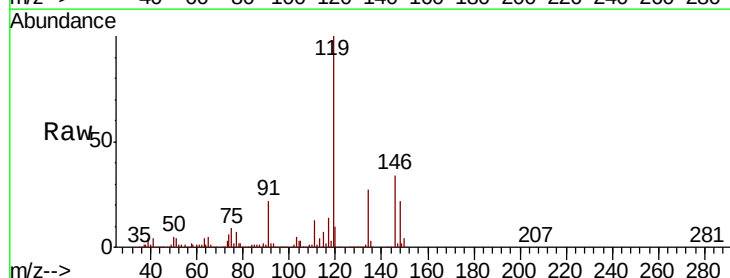
Tgt Ion:119 Resp: 1994506

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

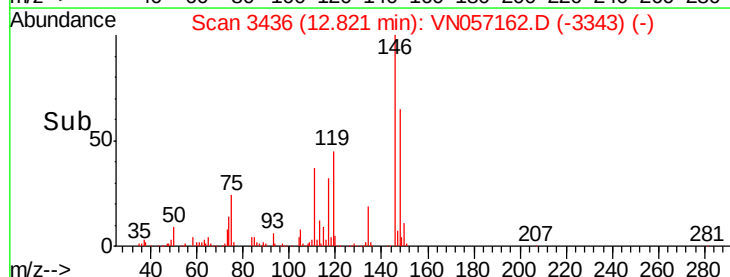
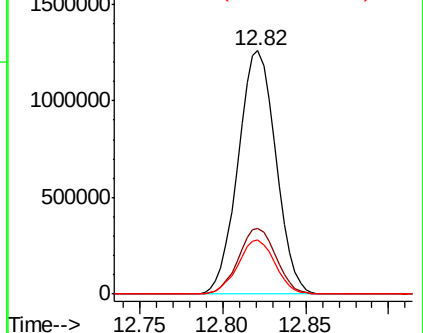
91 21.9 11.0 33.0

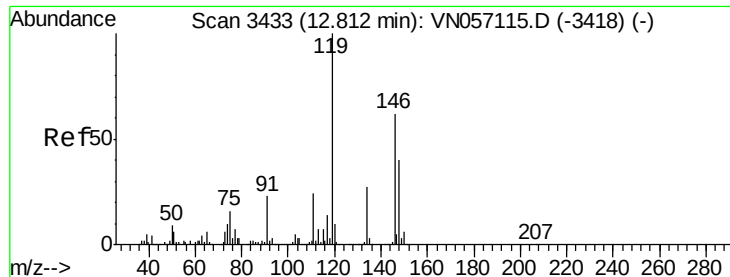


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

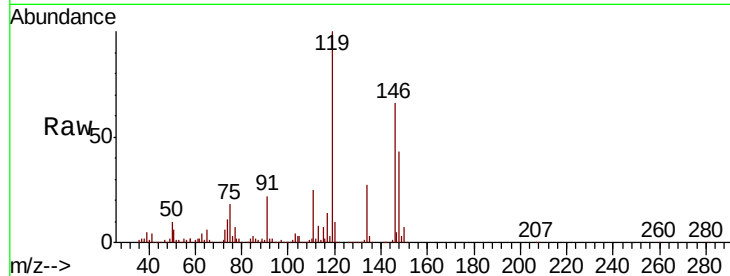




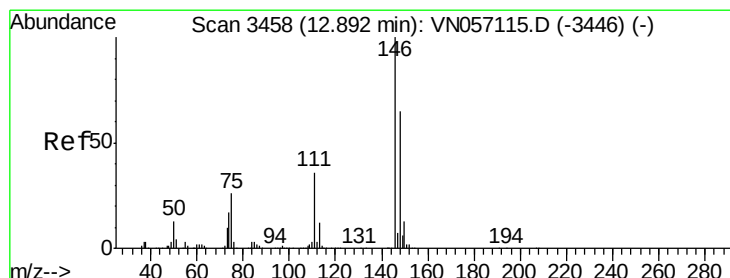
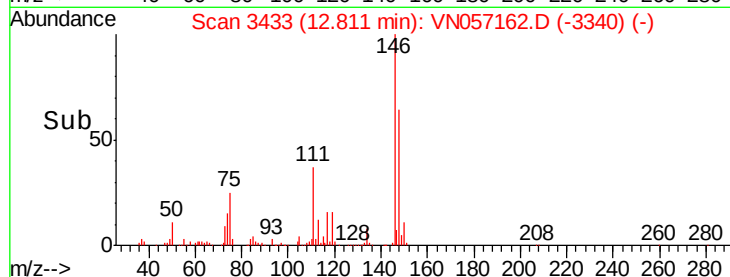
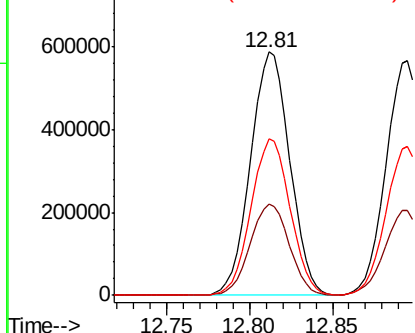
#87
 1,3-Dichlorobenzene
 Concen: 48.541 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 968244
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.4
 148 64.1 32.4 97.0

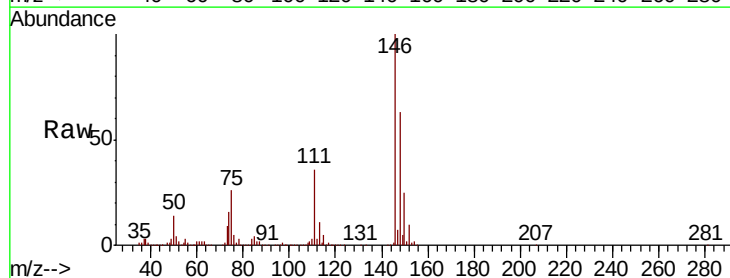


Abundance Ion 145.90 (145.60 to 146.60): V
 800000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

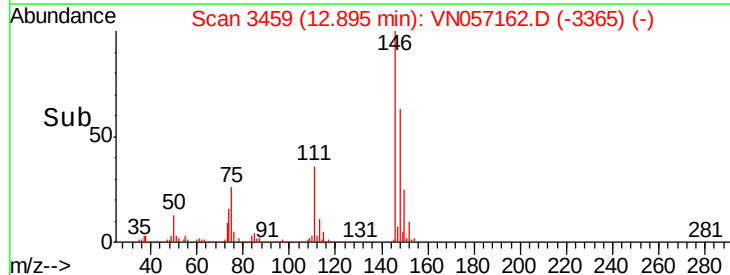
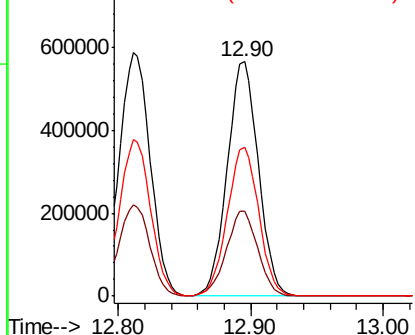


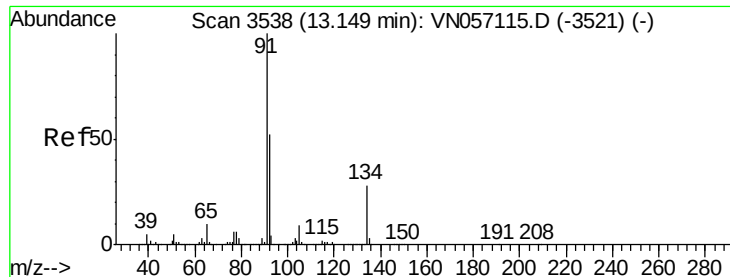
#88
 1,4-Dichlorobenzene
 Concen: 48.765 ug/l
 RT: 12.90 min Scan# 3459
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion:146 Resp: 921629
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.2 54.6
 148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
 800000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 45.545 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057162.D

Acq: 9 Aug 2019 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

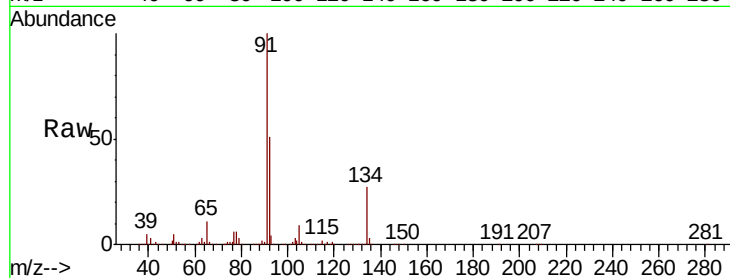
Tgt Ion: 91 Resp: 1402259

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.4

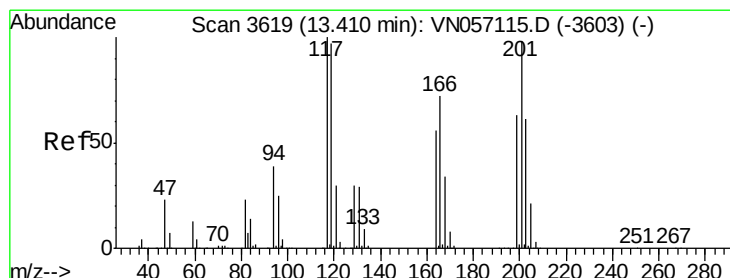
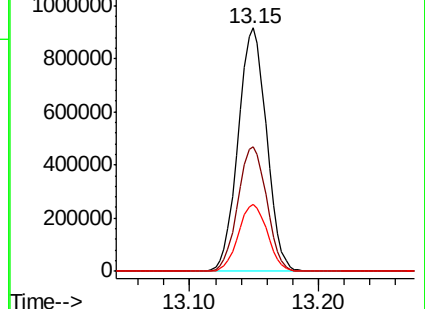
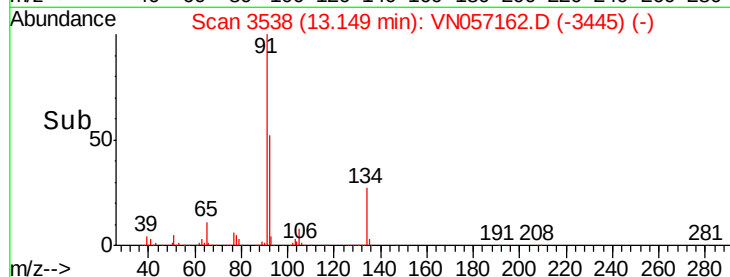
134 27.9 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057115.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3521) (-)



#90

Hexachloroethane

Concen: 52.143 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057162.D

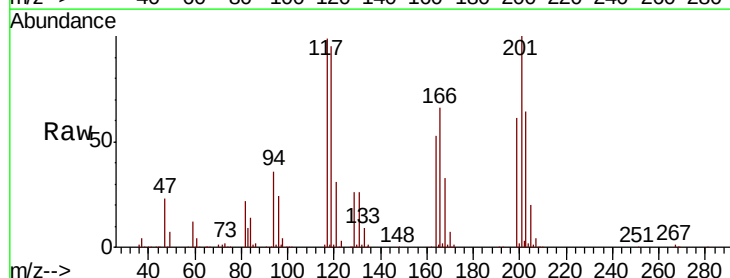
Acq: 9 Aug 2019 21:36

Tgt Ion: 117 Resp: 369084

Ion Ratio Lower Upper

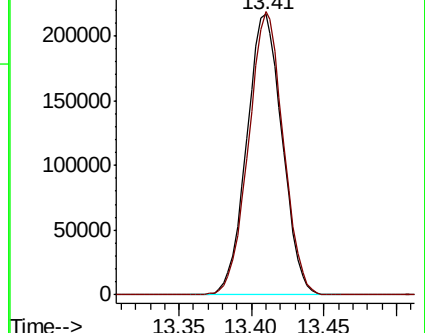
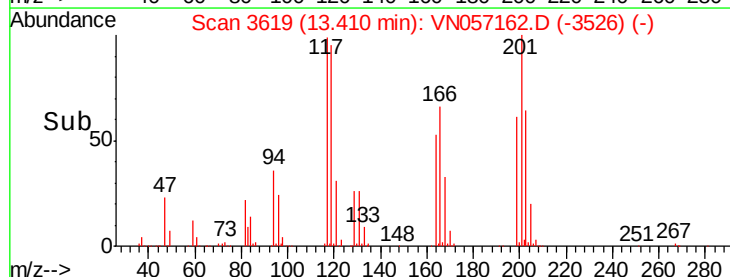
117 100

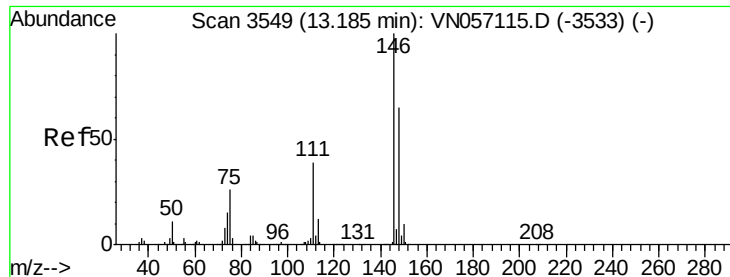
201 98.6 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057115.D (-3603) (-)

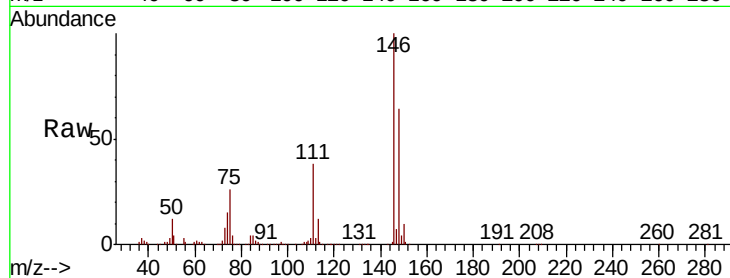




#91
 1,2-Dichlorobenzene
 Concen: 48.373 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	63.8	32.4	97.0

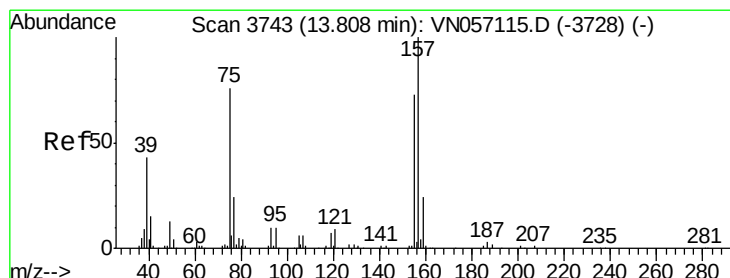
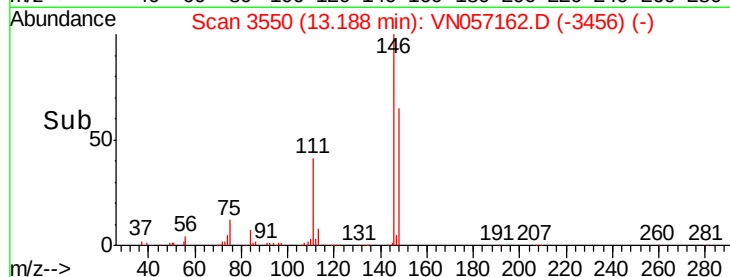
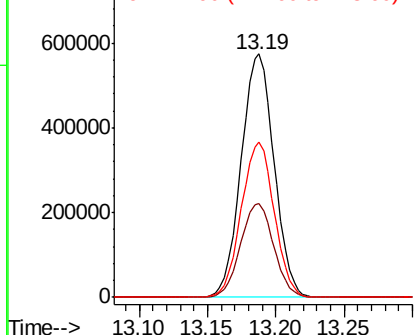


Abundance

Ion 145.90 (145.60 to 146.60): V

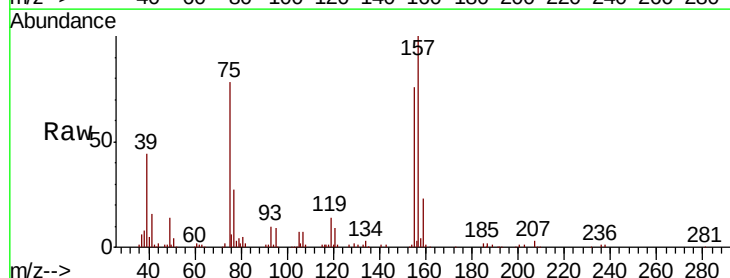
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.117 ug/l
 RT: 13.81 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	49.3	147.9
157	130.4	65.3	195.8

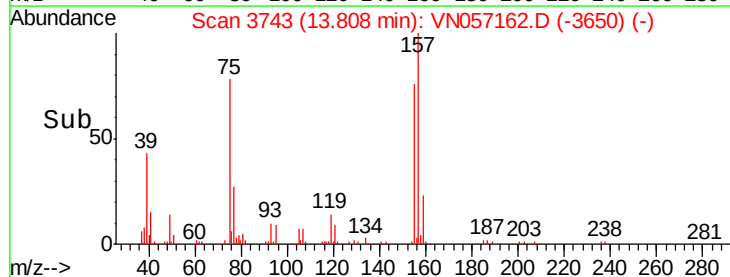
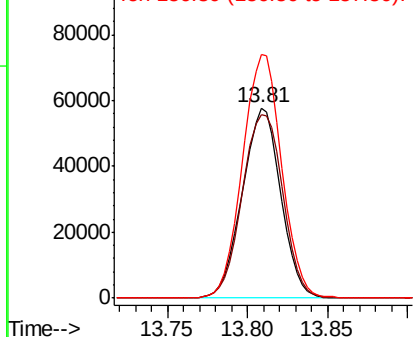


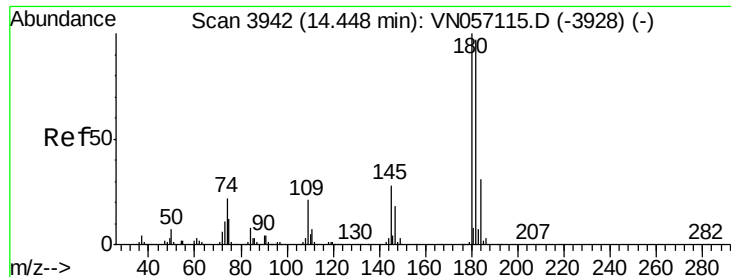
Abundance

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

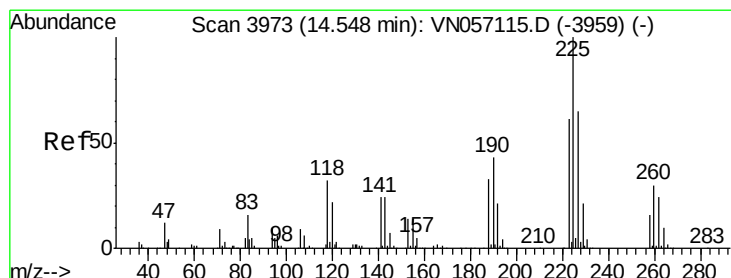
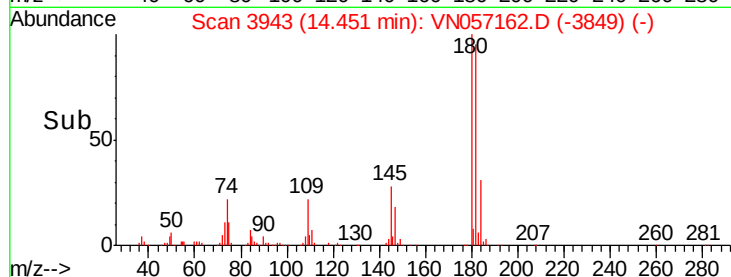
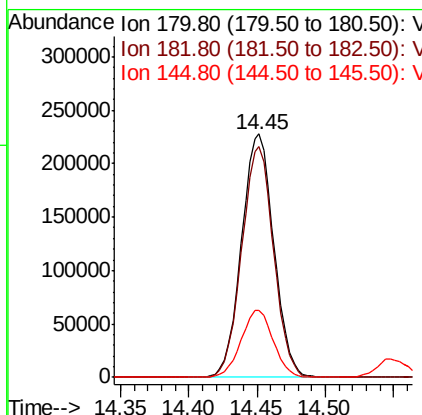
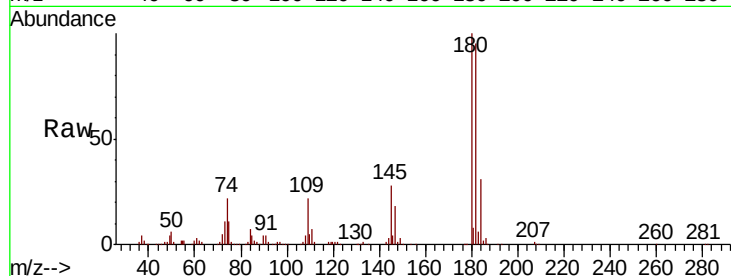




#93
 1,2,4-Trichlorobenzene
 Concen: 44.862 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

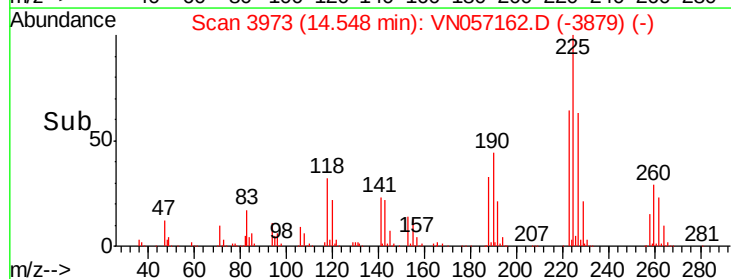
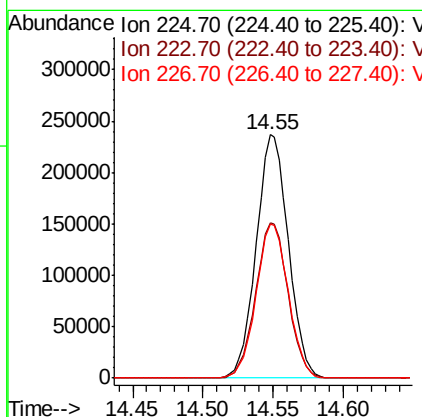
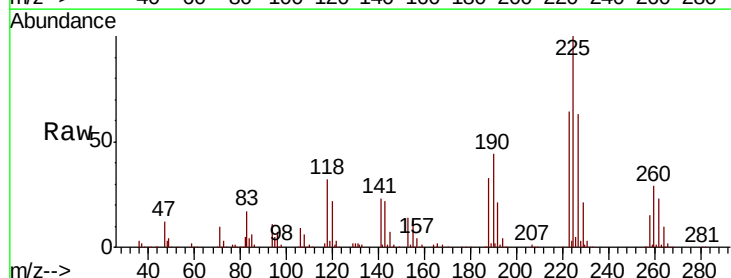
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

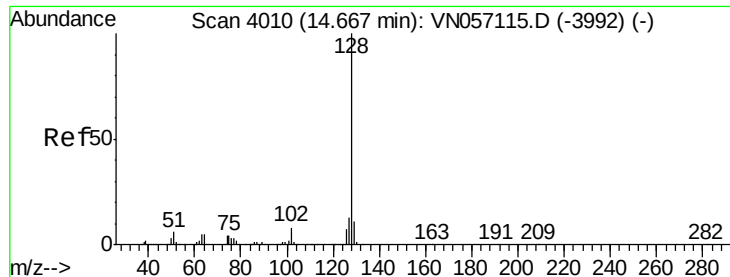
Tgt Ion:180 Resp: 373153
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.5 142.6
 145 27.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 54.629 ug/l
 RT: 14.55 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VN057162.D
 Acq: 9 Aug 2019 21:36

Tgt Ion:225 Resp: 377333
 Ion Ratio Lower Upper
 225 100
 223 64.3 30.9 92.8
 227 63.2 32.4 97.0

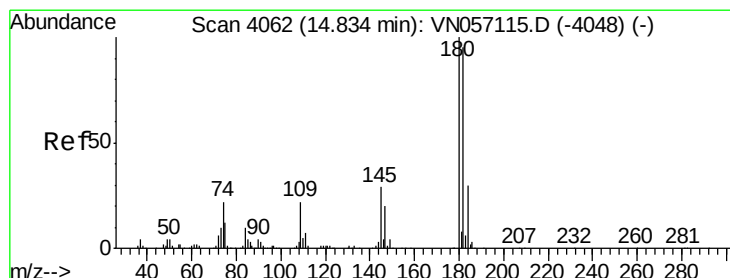
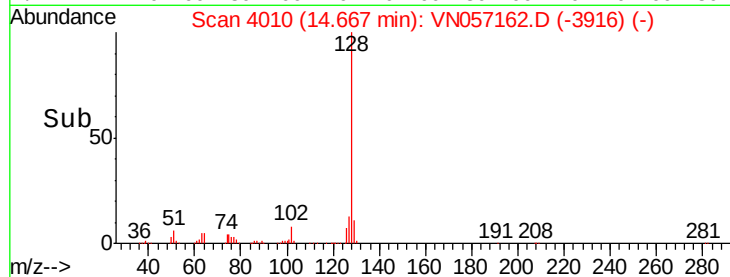
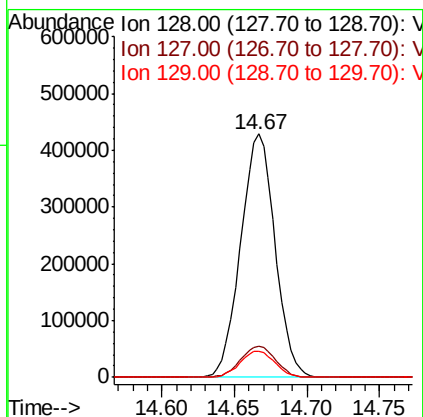
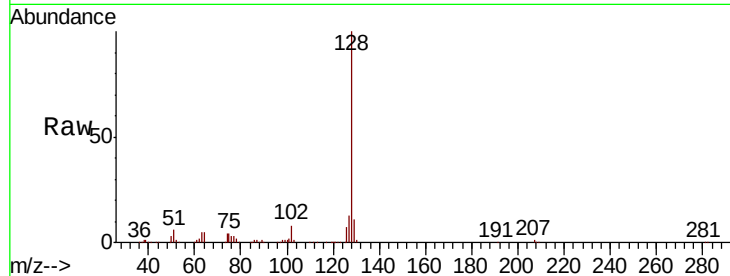




#95
Naphthalene
Concen: 43.174 ug/l
RT: 14.67 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 706501
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 41.561 ug/l
RT: 14.83 min Scan# 4062
Delta R.T. -0.00 min
Lab File: VN057162.D
Acq: 9 Aug 2019 21:36

Tgt Ion:180 Resp: 353607
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 29.4 14.9 44.5

