

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080719\
 Data File : VN057115.D
 Acq On : 7 Aug 2019 20:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 08 05:02:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 04:56:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1272038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1883462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1680305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	685607	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	642620	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	6.99	113	586767	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	9.56	98	2249958	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.92	95	739375	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.82	85	468530	47.279	ug/l 100
3) Chloromethane	2.00	50	607727	45.825	ug/l 100
4) Vinyl Chloride	2.11	62	589454	46.517	ug/l 100
5) Bromomethane	2.42	94	400691	52.496	ug/l 100
6) Chloroethane	2.55	64	383816	61.547	ug/l 100
7) Trichlorofluoromethane	2.82	101	861559	49.286	ug/l 100
8) Diethyl Ether	3.14	74	332461	46.626	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.44	101	515749	46.601	ug/l 100
10) Methyl Iodide	3.63	142	820836	61.995	ug/l 100
11) Tert butyl alcohol	4.23	59	430162	300.653	ug/l 100
12) 1,1-Dichloroethene	3.43	96	514681	46.399	ug/l 100
13) Acrolein	3.31	56	267946	223.498	ug/l 100
14) Allyl chloride	3.91	41	753843	45.264	ug/l 100
15) Acrylonitrile	4.45	53	1250894	268.529	ug/l 100
16) Acetone	3.47	43	941457	233.515	ug/l 100
17) Carbon Disulfide	3.72	76	1379324	50.827	ug/l 100
18) Methyl Acetate	3.89	43	564752	40.484	ug/l 100
19) Methyl tert-butyl Ether	4.49	73	1574575	48.472	ug/l 100
20) Methylene Chloride	4.10	84	602162	47.264	ug/l 100
21) trans-1,2-Dichloroethene	4.51	96	557195	47.675	ug/l 100
22) Diisopropyl ether	5.31	45	1636781	46.805	ug/l 100
23) Vinyl Acetate	5.26	43	6516338	249.528	ug/l 100
24) 1,1-Dichloroethane	5.25	63	1002489	46.568	ug/l 100
25) 2-Butanone	6.20	43	1515982	263.603	ug/l 100
26) 2,2-Dichloropropane	6.21	77	747281	45.539	ug/l 100
27) cis-1,2-Dichloroethene	6.21	96	651646	47.762	ug/l 100
28) Bromochloromethane	6.58	49	466887	49.013	ug/l 100
29) Tetrahydrofuran	6.60	42	993977	265.665	ug/l 100
30) Chloroform	6.76	83	1012866	46.943	ug/l 100
31) Cyclohexane	7.07	56	873538	45.836	ug/l 100
32) 1,1,1-Trichloroethane	6.98	97	880182	48.929	ug/l 100
36) 1,1-Dichloropropene	7.20	75	759419	46.418	ug/l 100
37) Ethyl Acetate	6.28	43	620077	49.720	ug/l # 100
38) Carbon Tetrachloride	7.19	117	775457	49.197	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	899492	47.503	ug/l	100
40) Benzene	7.46	78	2348605	46.512	ug/l	100
41) Methacrylonitrile	6.55	41	329087	62.713	ug/l	100
42) 1,2-Dichloroethane	7.54	62	750059	47.451	ug/l	100
43) Isopropyl Acetate	7.56	43	1049915	46.158	ug/l	100
44) Trichloroethene	8.27	130	655903	47.543	ug/l	100
45) 1,2-Dichloropropane	8.56	63	607113	46.493	ug/l	100
46) Dibromomethane	8.65	93	394355	48.499	ug/l	100
47) Bromodichloromethane	8.85	83	783509	50.230	ug/l	100
48) Methyl methacrylate	8.63	41	494482	49.402	ug/l	100
49) 1,4-Dioxane	8.64	88	211029	1037.638	ug/l	100
51) 4-Methyl-2-Pentanone	9.45	43	3127785	275.319	ug/l	100
52) Toluene	9.62	92	1477302	48.189	ug/l	100
53) t-1,3-Dichloropropene	9.85	75	824798	50.407	ug/l	100
54) cis-1,3-Dichloropropene	9.30	75	941443	49.069	ug/l	100
55) 1,1,2-Trichloroethane	10.04	97	570008	48.721	ug/l	100
56) Ethyl methacrylate	9.90	69	837156	52.227	ug/l	100
57) 1,3-Dichloropropane	10.19	76	945832	48.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	1551310	268.251	ug/l	100
59) 2-Hexanone	10.24	43	2157568	264.716	ug/l	100
60) Dibromochloromethane	10.39	129	630176	51.767	ug/l	100
61) 1,2-Dibromoethane	10.50	107	597239	49.980	ug/l	100
64) Tetrachloroethene	10.11	164	666362	47.139	ug/l	100
65) Chlorobenzene	10.93	112	1624249	47.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	613440	49.078	ug/l	100
67) Ethyl Benzene	11.01	91	2840404	48.643	ug/l	100
68) m/p-Xylenes	11.13	106	2140485	97.317	ug/l	100
69) o-Xylene	11.46	106	1035315	47.914	ug/l	100
70) Styrene	11.47	104	1711822	49.679	ug/l	100
71) Bromoform	11.64	173	465873	52.767	ug/l	100
73) Isopropylbenzene	11.76	105	2793744	50.160	ug/l	100
74) N-amyl acetate	11.58	43	814478	49.829	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.02	83	769783	49.135	ug/l	100
76) 1,2,3-Trichloropropane	12.08	75	928819	71.760	ug/l #	100
77) Bromobenzene	12.04	156	723983	48.811	ug/l	100
78) n-propylbenzene	12.11	91	2986801	52.290	ug/l	100
79) 2-Chlorotoluene	12.19	91	1811777	49.576	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	2337923	50.258	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	218753	53.317	ug/l	100
82) 4-Chlorotoluene	12.29	91	1721028	50.218	ug/l	100
83) tert-Butylbenzene	12.52	119	2037779	49.564	ug/l	100
84) 1,2,4-Trimethylbenzene	12.57	105	2247643	50.536	ug/l	100
85) sec-Butylbenzene	12.70	105	2615255	51.530	ug/l	100
86) p-Isopropyltoluene	12.82	119	2329805	51.939	ug/l	100
87) 1,3-Dichlorobenzene	12.81	146	1103239	48.164	ug/l	100
88) 1,4-Dichlorobenzene	12.89	146	1049722	47.653	ug/l	100
89) n-Butylbenzene	13.15	91	1719380	50.152	ug/l	100
90) Hexachloroethane	13.41	117	401762	51.690	ug/l	100
91) 1,2-Dichlorobenzene	13.18	146	1081791	47.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.81	75	108802	48.904	ug/l	100

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QLast Update : Thu Aug 08 04:56:32 2019
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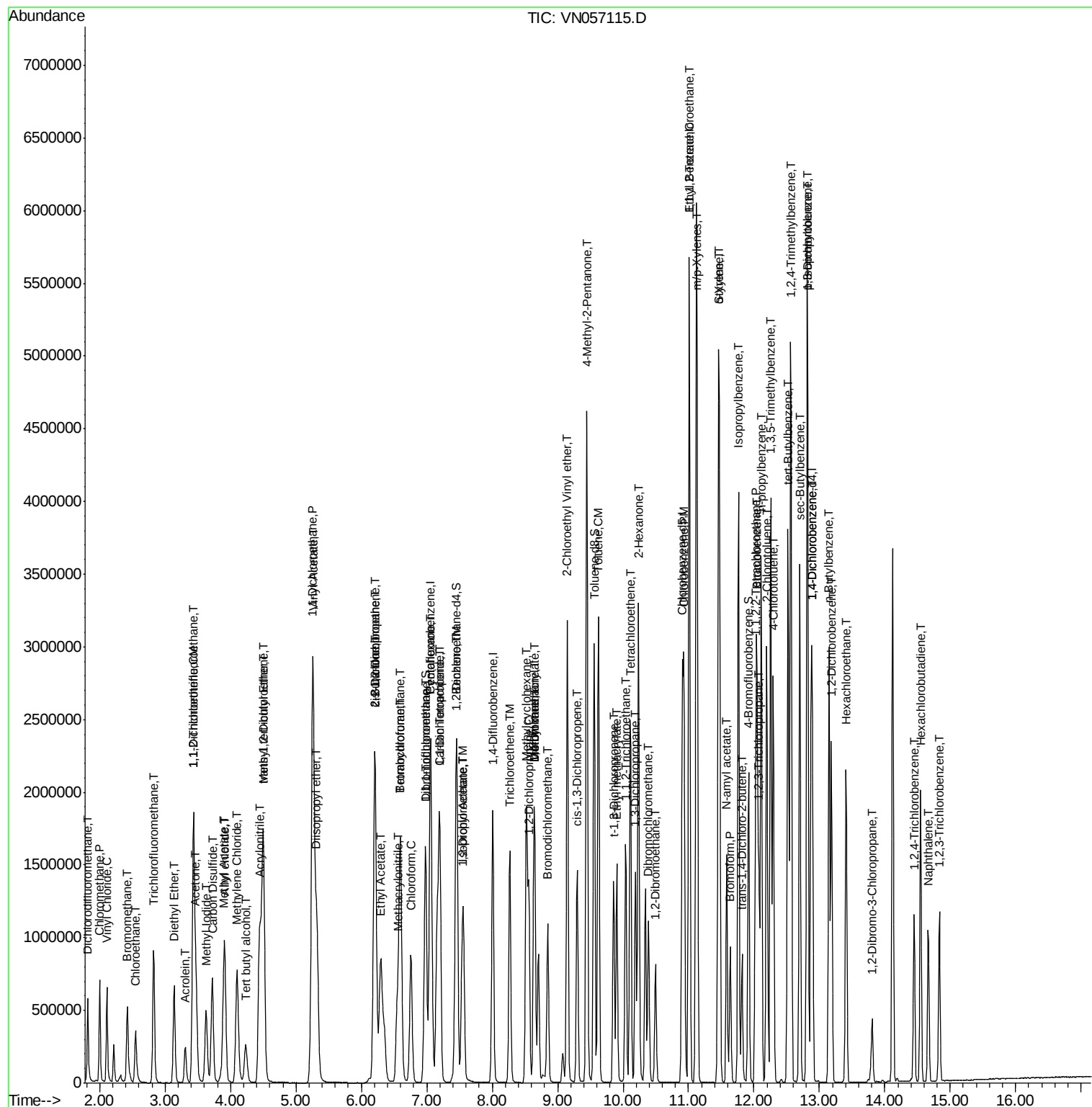
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	408161	39.922	ug/l	100
94) Hexachlorobutadiene	14.55	225	427873	47.050	ug/l	100
95) Naphthalene	14.67	128	902605	43.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.83	180	406869	38.857	ug/l	100

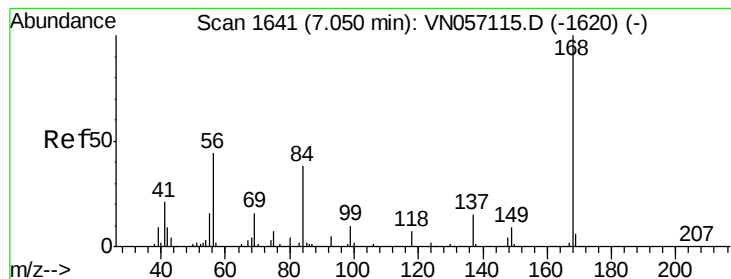
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN080719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

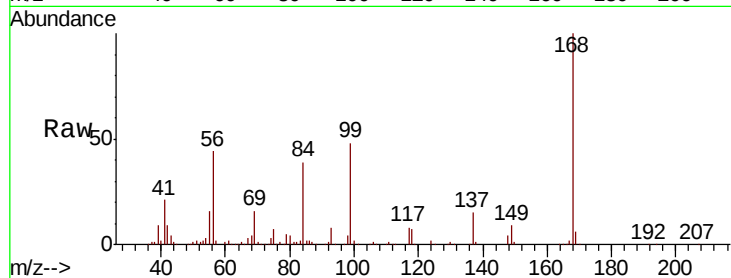
VSTDICCC050

Tgt Ion:168 Resp: 1272038

Ion Ratio Lower Upper

168 100

99 48.2 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

300000

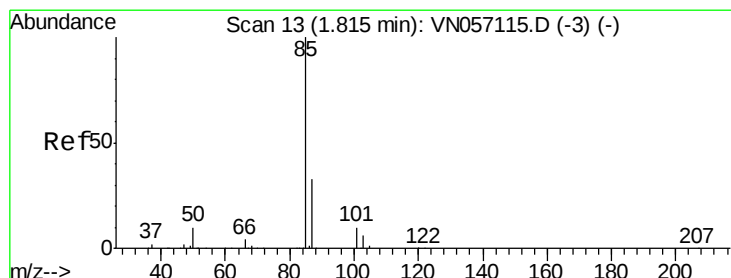
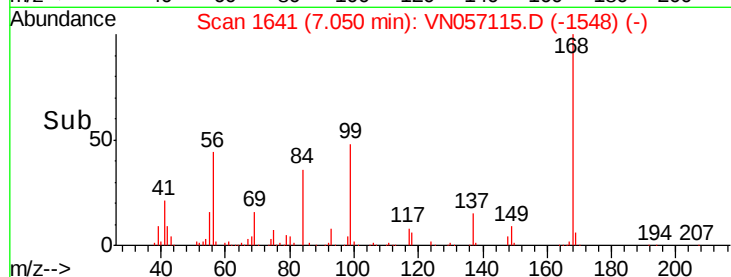
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#2

Dichlorodifluoromethane

Concen: 47.279 ug/l

RT: 1.82 min Scan# 13

Delta R.T. 0.00 min

Lab File: VN057115.D

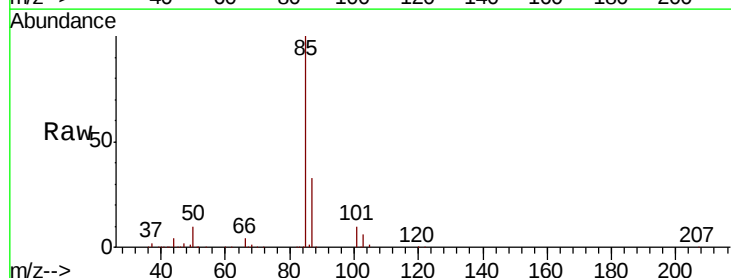
Acq: 7 Aug 2019 20:08

Tgt Ion: 85 Resp: 468530

Ion Ratio Lower Upper

85 100

87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.82

300000

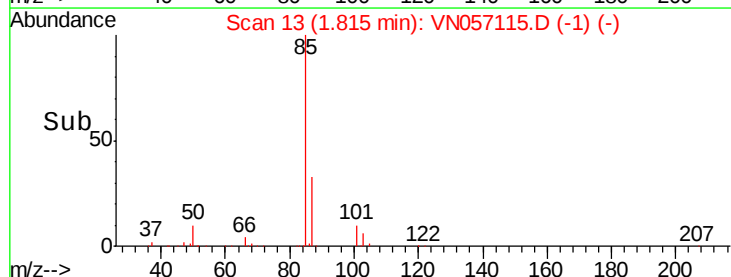
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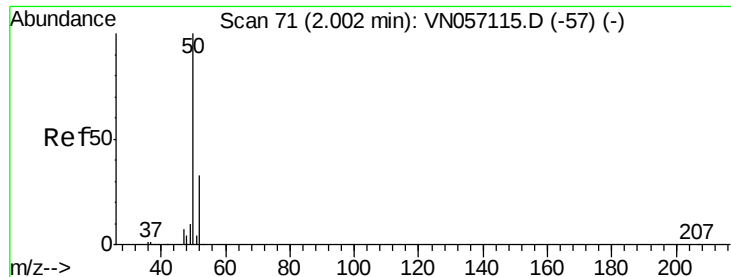
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Time-->

1.80 1.90





#3

Chloromethane

Concen: 45.825 ug/l

RT: 2.00 min Scan# 71

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

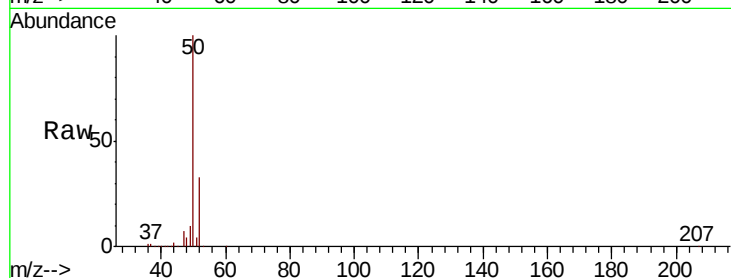
VSTDICCC050

Tgt Ion: 50 Resp: 607727

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN057115.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VN057115.D (-57) (-)

2.00

400000

300000

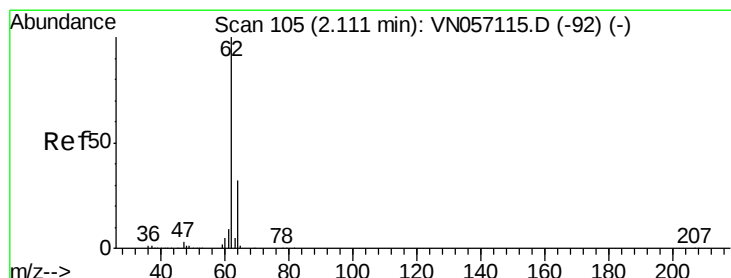
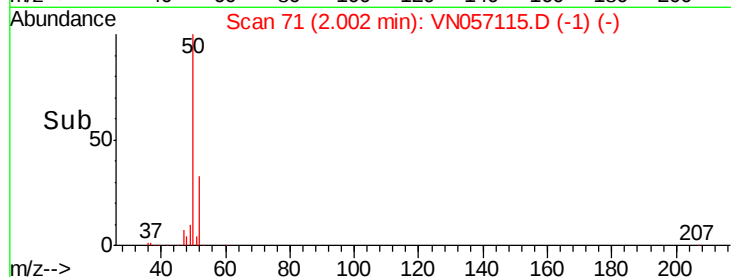
200000

100000

0

Time-->

1.90 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 46.517 ug/l

RT: 2.11 min Scan# 105

Delta R.T. 0.00 min

Lab File: VN057115.D

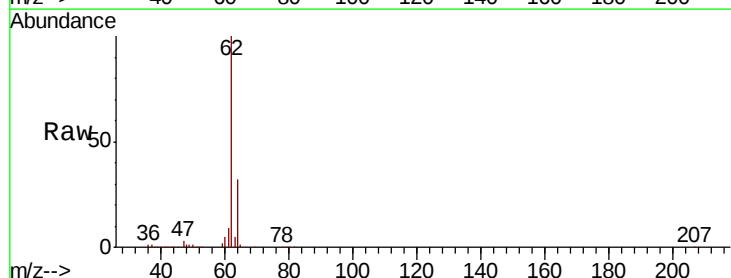
Acq: 7 Aug 2019 20:08

Tgt Ion: 62 Resp: 589454

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN057115.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN057115.D (-92) (-)

2.11

400000

300000

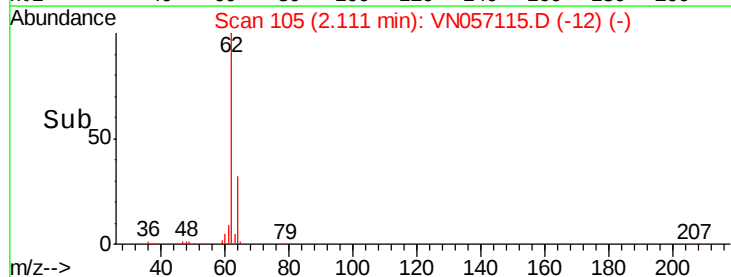
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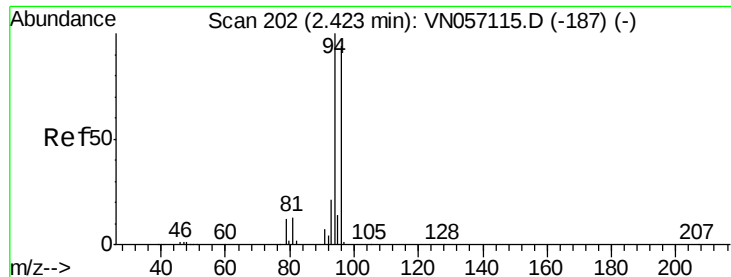
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Time-->

2.10 2.20

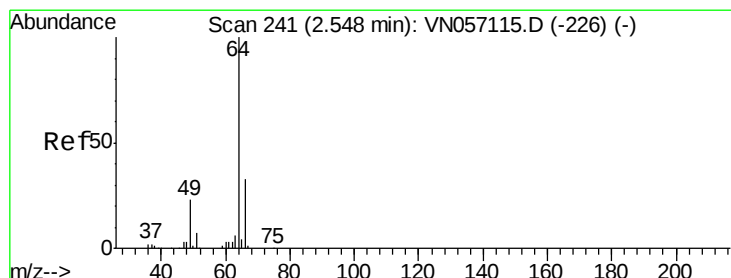
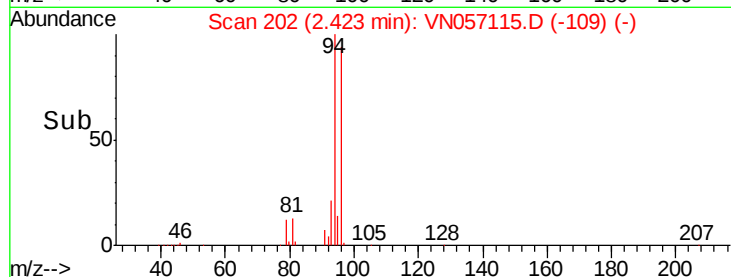
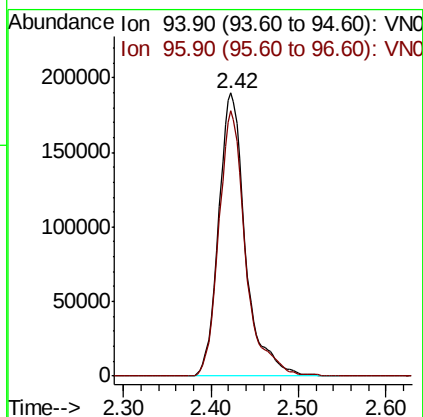
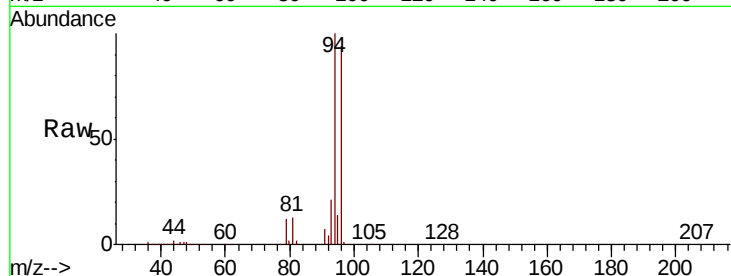




#5
Bromomethane
Concen: 52.496 ug/l
RT: 2.42 min Scan# 202
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

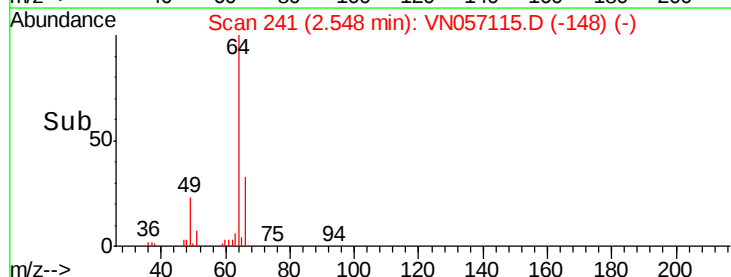
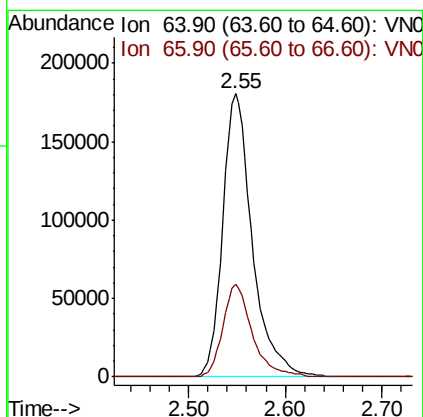
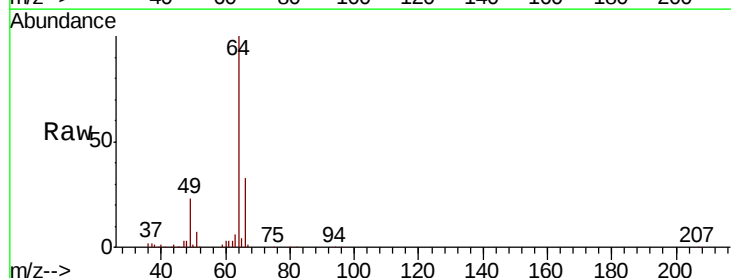
Instrument :
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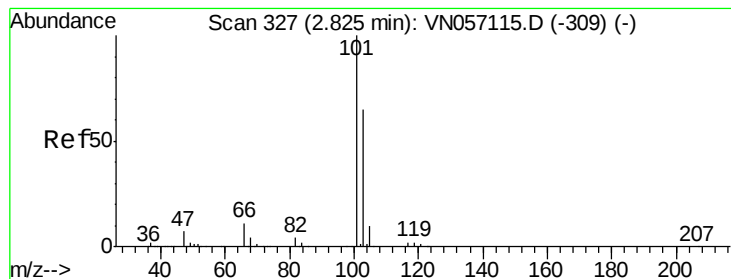
Tgt Ion: 94 Resp: 400691
Ion Ratio Lower Upper
94 100
96 93.7 75.0 112.4



#6
Chloroethane
Concen: 61.547 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 64 Resp: 383816
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4



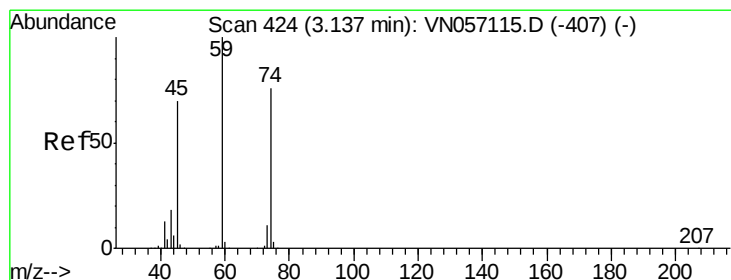
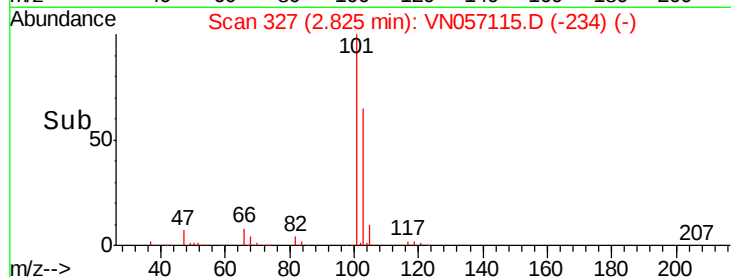
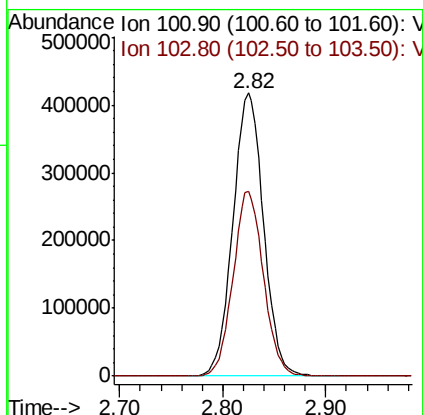
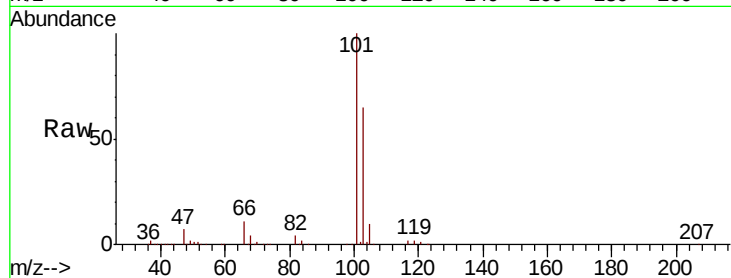


#7

Trichlorofluoromethane
 Concen: 49.286 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Instrument :
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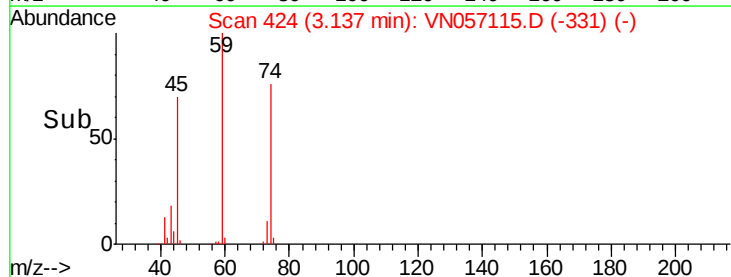
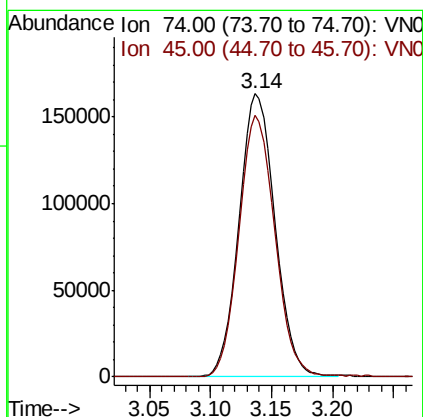
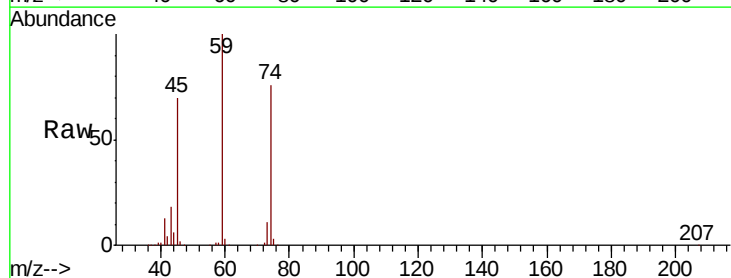
Tgt Ion: 101 Resp: 861559
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

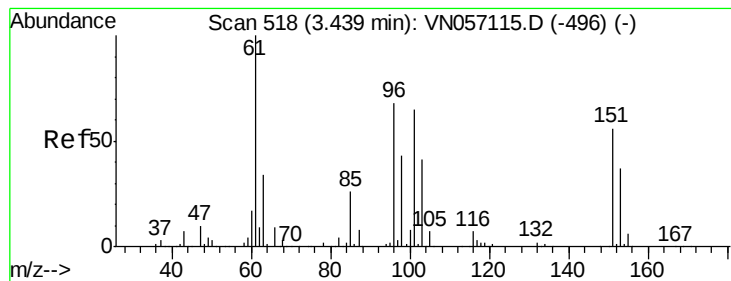


#8

Diethyl Ether
 Concen: 46.626 ug/l
 RT: 3.14 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 74 Resp: 332461
 Ion Ratio Lower Upper
 74 100
 45 92.5 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.601 ug/l

RT: 3.44 min Scan# 518

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

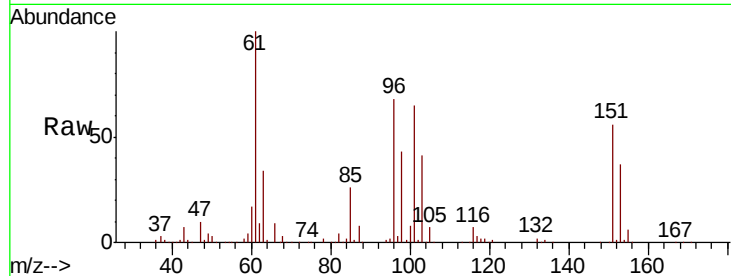
Tgt Ion:101 Resp: 515749

Ion Ratio Lower Upper

101 100

85 40.4 32.3 48.5

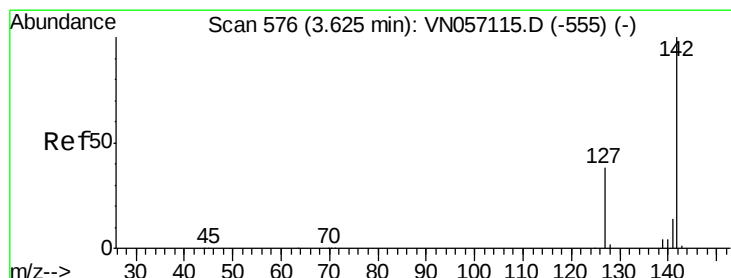
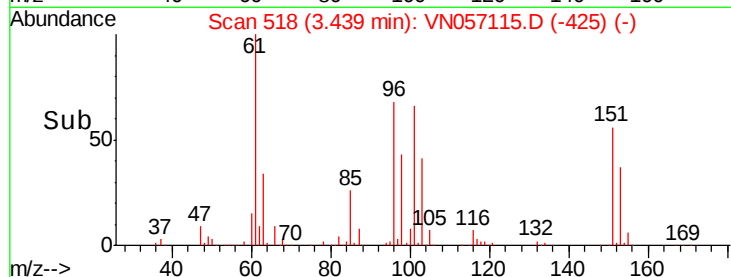
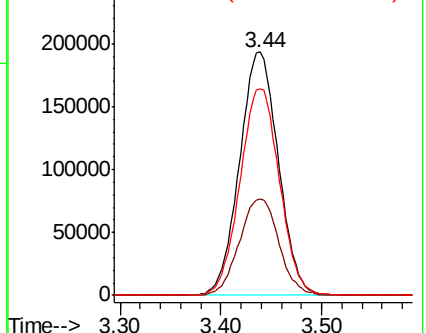
151 86.7 69.4 104.0



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: 61.995 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

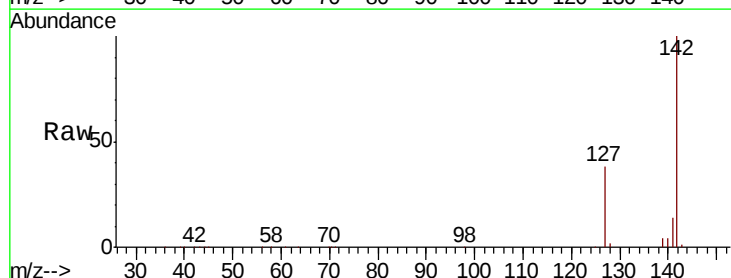
Tgt Ion:142 Resp: 820836

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.6

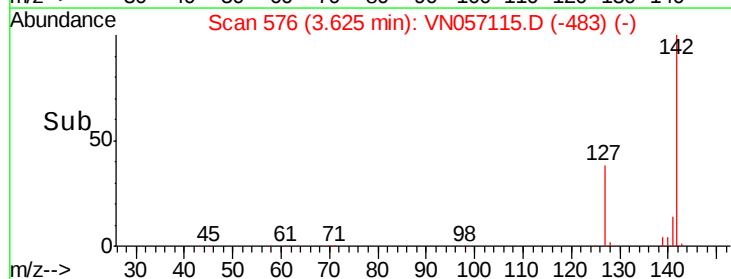
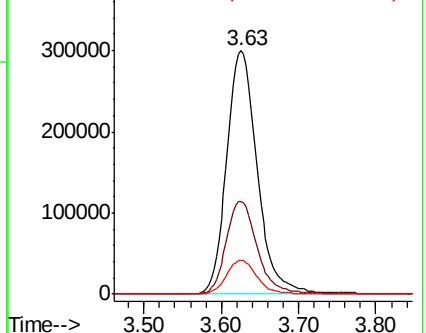
141 14.0 11.2 16.8

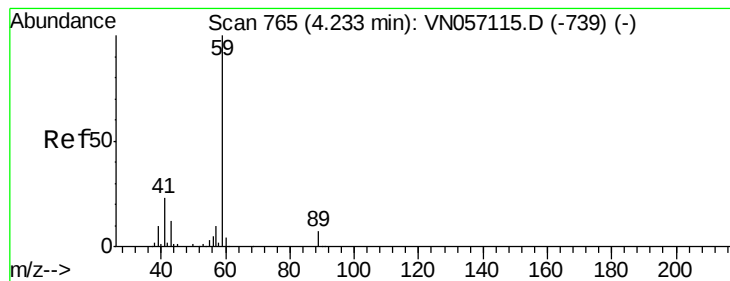


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



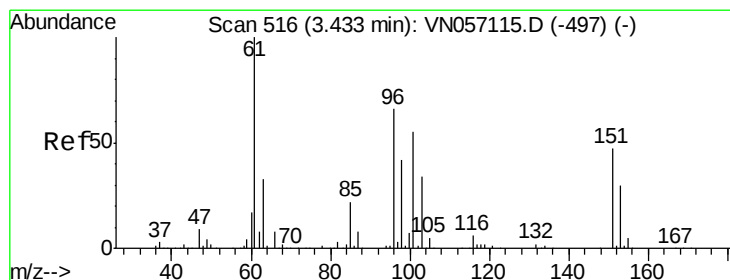
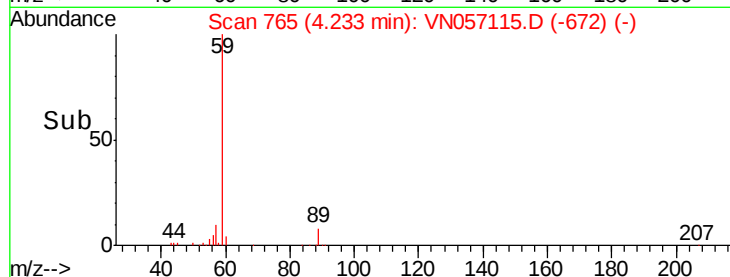
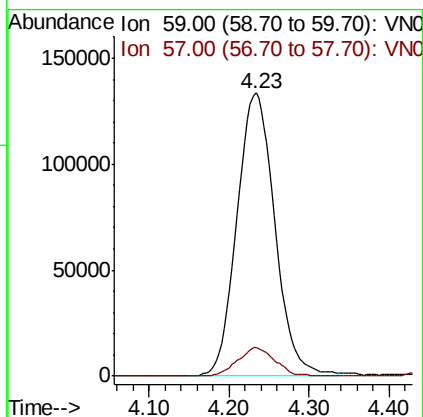
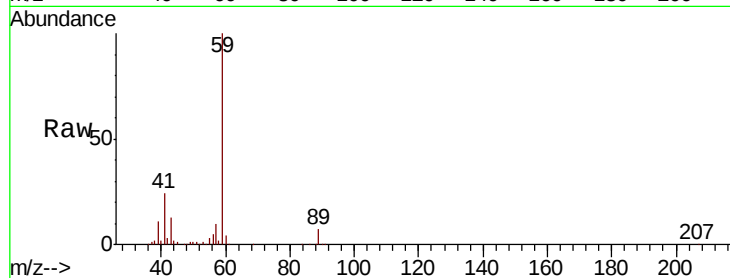


#11

Tert butyl alcohol
 Concen: 300.653 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

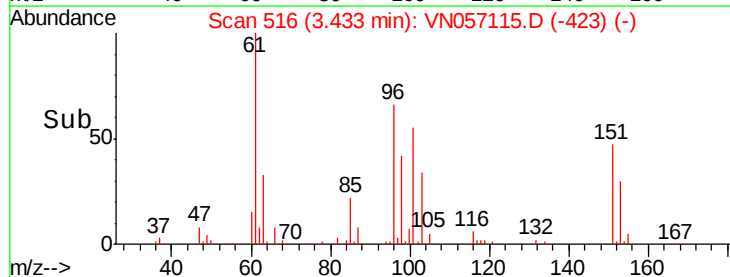
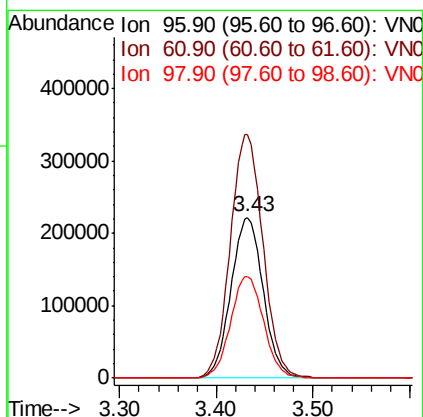
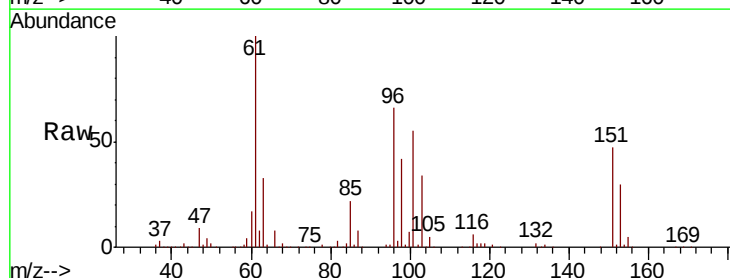
Tgt Ion: 59 Resp: 430162
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

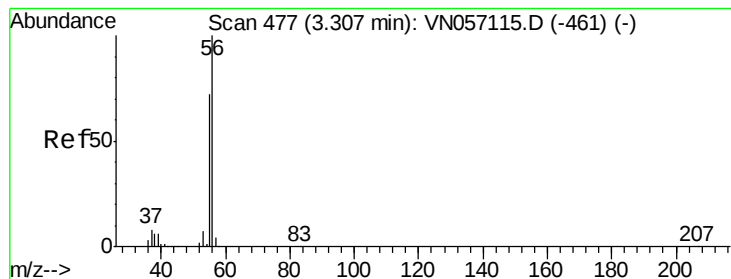


#12

1,1-Dichloroethene
 Concen: 46.399 ug/l
 RT: 3.43 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 96 Resp: 514681
 Ion Ratio Lower Upper
 96 100
 61 151.3 121.0 181.6
 98 63.5 50.8 76.2





#13

Acrolein

Concen: 223.498 ug/l

RT: 3.31 min Scan# 477

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

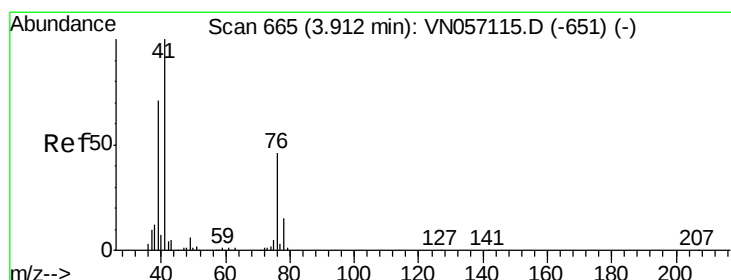
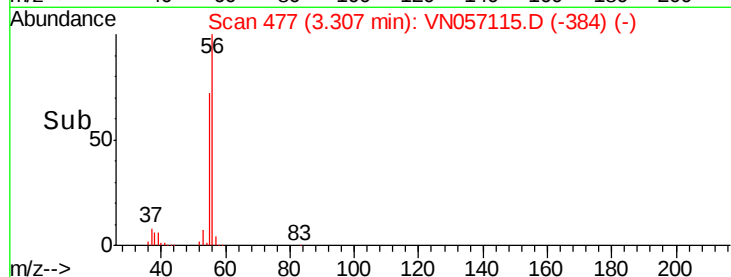
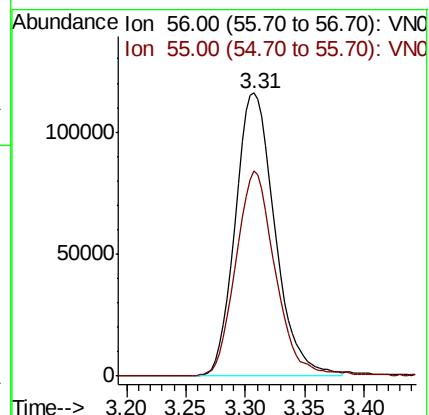
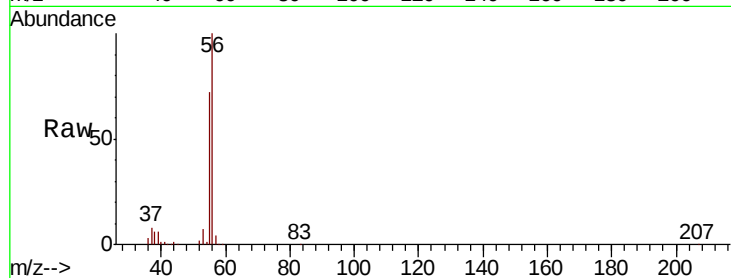
VSTDICCC050

Tgt Ion: 56 Resp: 267946

Ion Ratio Lower Upper

56 100

55 72.1 57.7 86.5



#14

Allyl chloride

Concen: 45.264 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

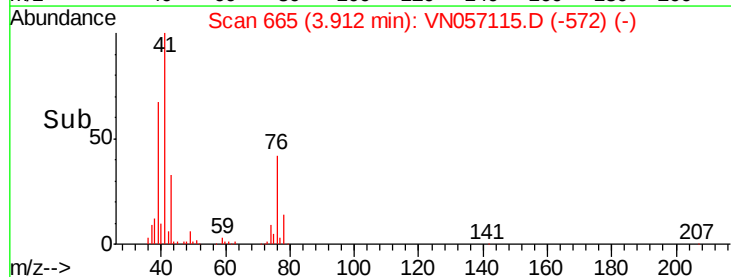
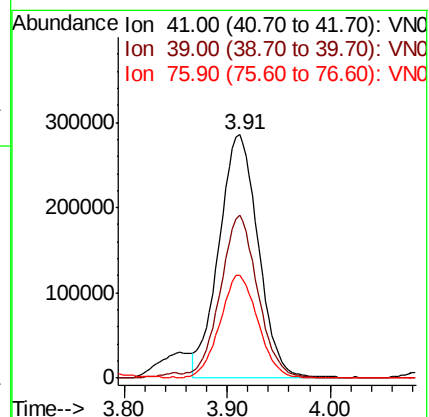
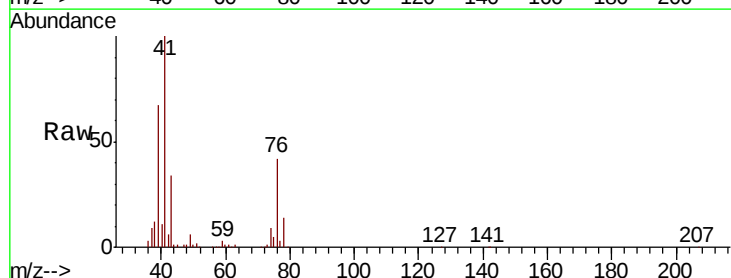
Tgt Ion: 41 Resp: 753843

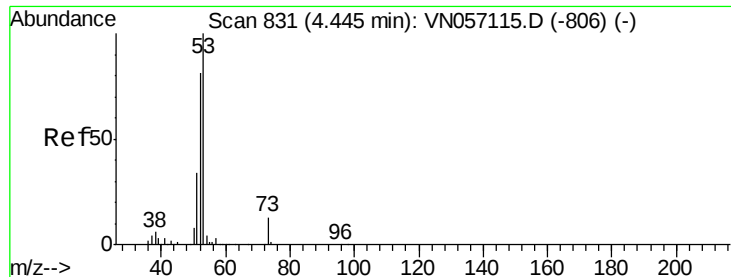
Ion Ratio Lower Upper

41 100

39 63.9 51.1 76.7

76 41.0 32.8 49.2





#15

Acrylonitrile

Concen: 268.529 ug/l

RT: 4.45 min Scan# 831

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

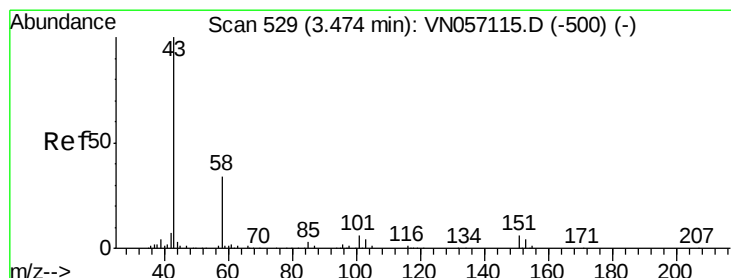
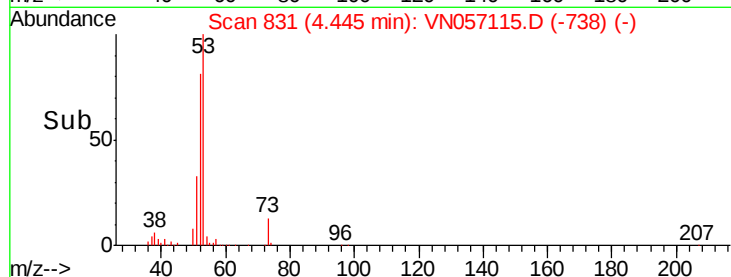
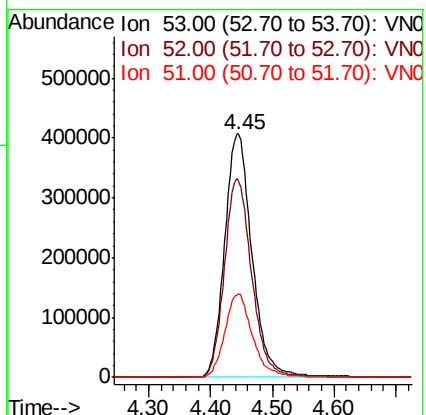
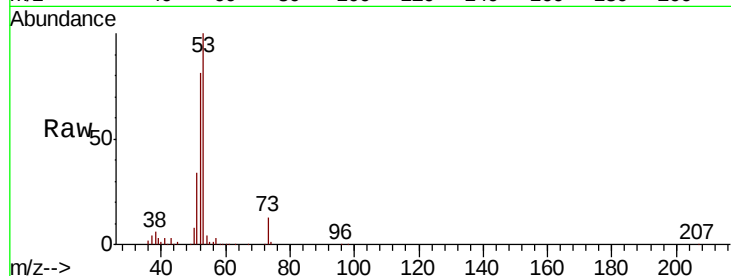
Tgt Ion: 53 Resp: 1250894

Ion Ratio Lower Upper

53 100

52 81.1 64.9 97.3

51 34.7 27.8 41.6



#16

Acetone

Concen: 233.515 ug/l

RT: 3.47 min Scan# 529

Delta R.T. 0.00 min

Lab File: VN057115.D

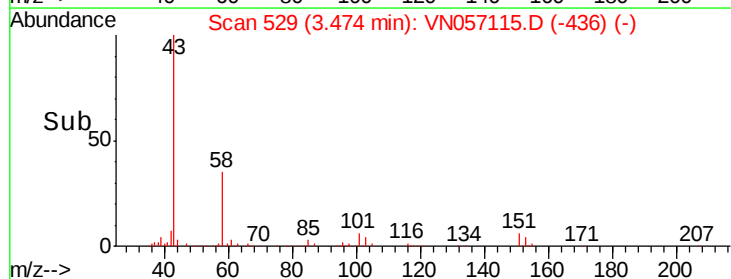
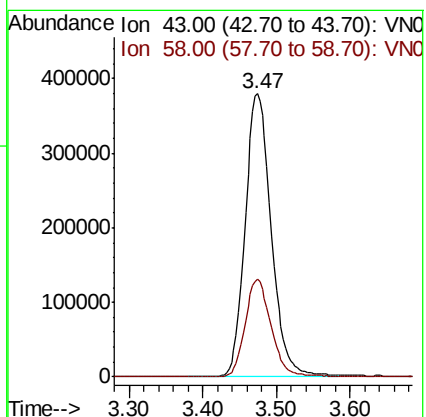
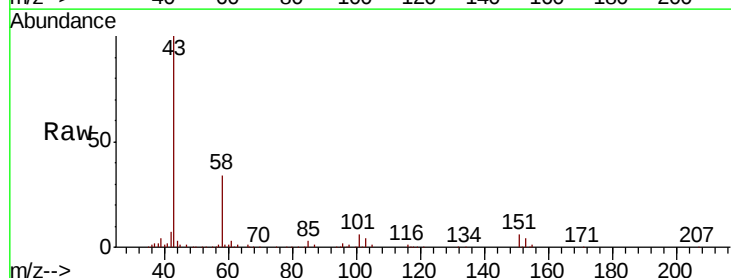
Acq: 7 Aug 2019 20:08

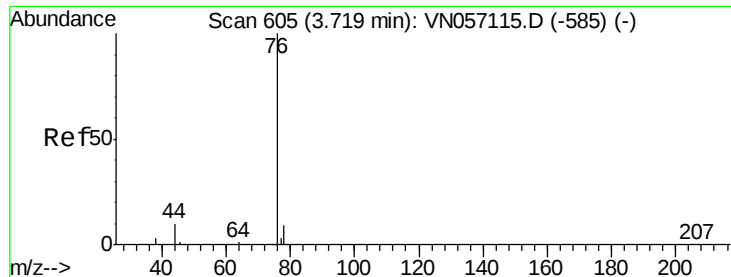
Tgt Ion: 43 Resp: 941457

Ion Ratio Lower Upper

43 100

58 34.3 27.4 41.2





#17

Carbon Disulfide

Concen: 50.827 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

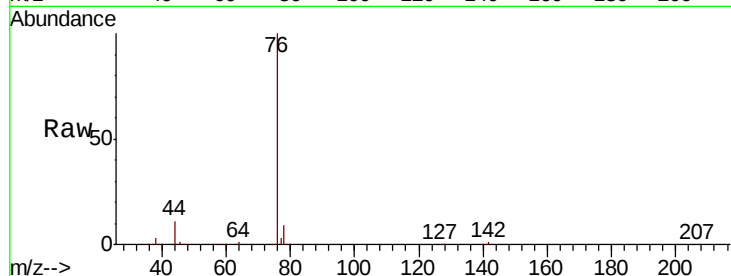
VSTDICCC050

Tgt Ion: 76 Resp: 1379324

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN057115.D (-585) (-)

Ion 77.90 (77.60 to 78.60): VN057115.D (-585) (-)

3.72

600000

500000

400000

300000

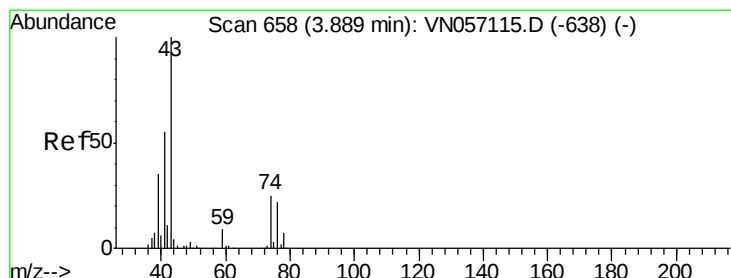
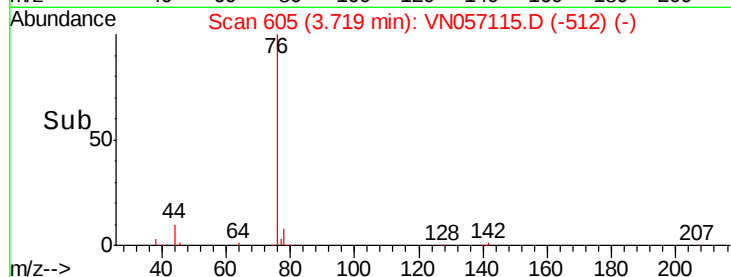
200000

100000

0

3.60 3.70 3.80

Time-->



#18

Methyl Acetate

Concen: 40.484 ug/l

RT: 3.89 min Scan# 658

Delta R.T. 0.00 min

Lab File: VN057115.D

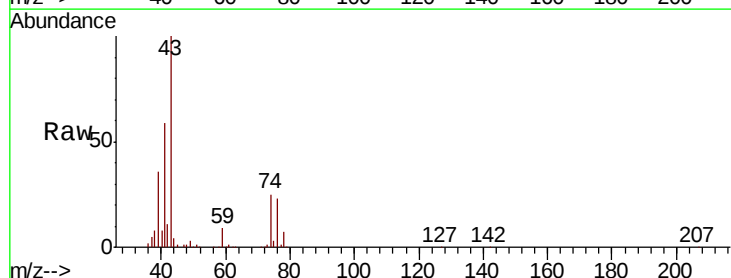
Acq: 7 Aug 2019 20:08

Tgt Ion: 43 Resp: 564752

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-638) (-)

Ion 74.00 (73.70 to 74.70): VN057115.D (-638) (-)

3.89

250000

200000

150000

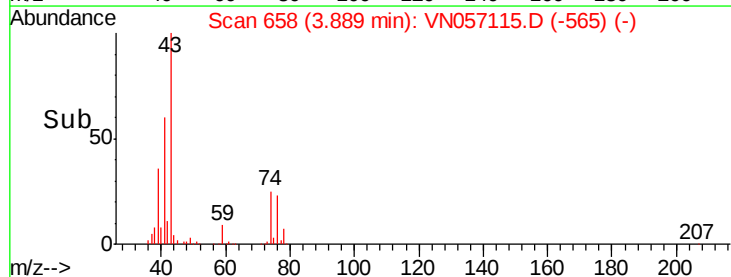
100000

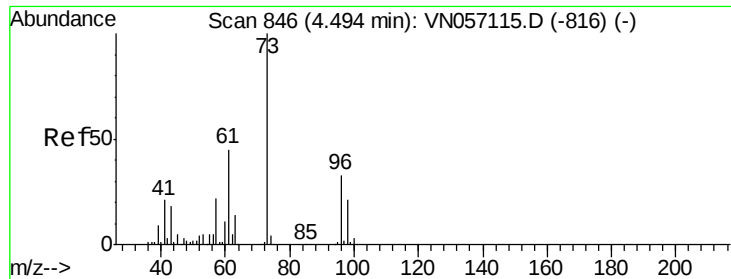
50000

0

3.80 3.90 4.00

Time-->

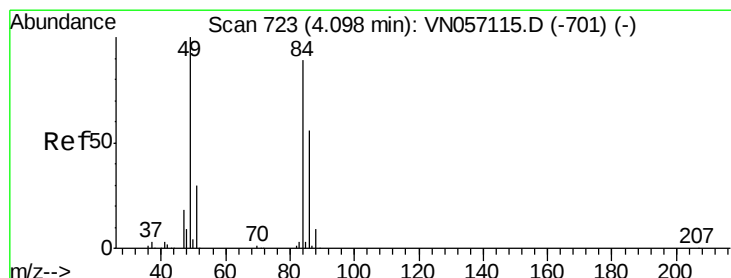
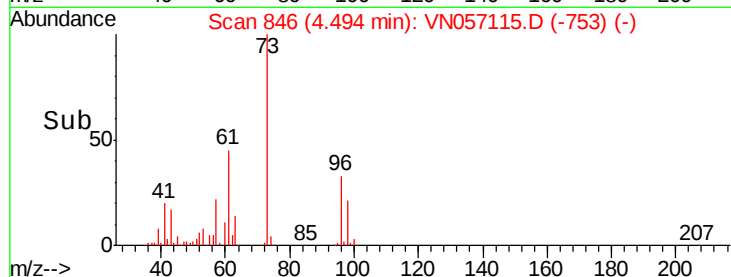
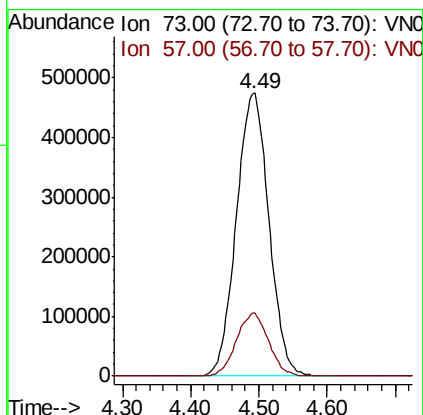
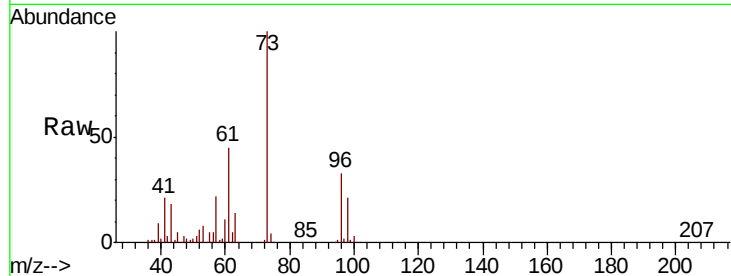




#19
Methyl tert-butyl Ether
Concen: 48.472 ug/l
RT: 4.49 min Scan# 846
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

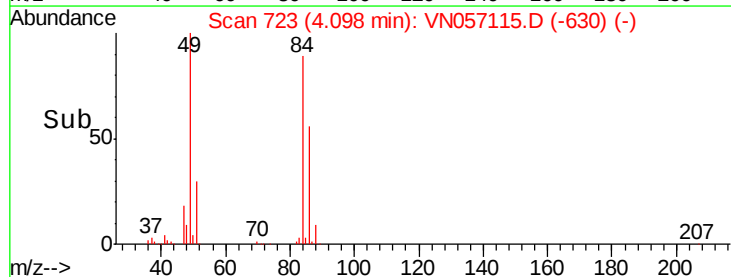
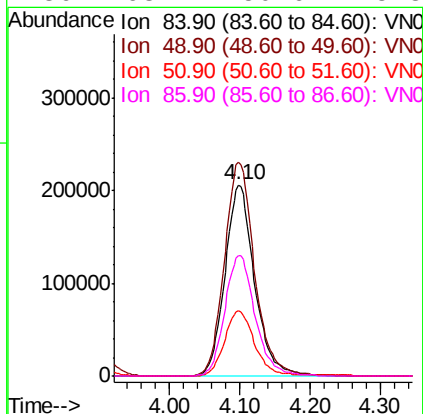
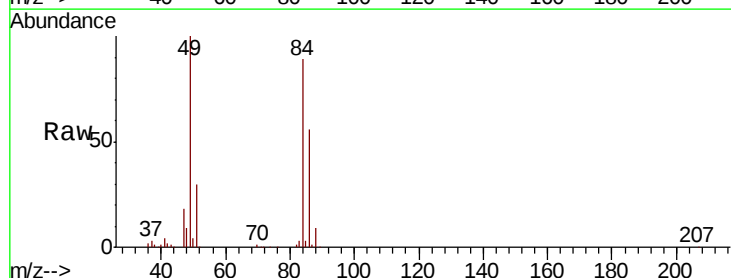
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

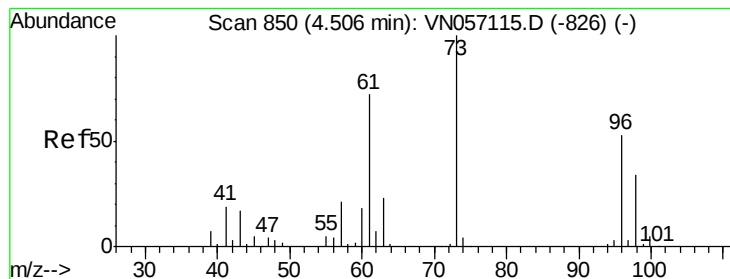
Tgt Ion: 73 Resp: 1574575
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 47.264 ug/l
RT: 4.10 min Scan# 723
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 84 Resp: 602162
Ion Ratio Lower Upper
84 100
49 111.9 89.5 134.3
51 34.0 27.2 40.8
86 63.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.675 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

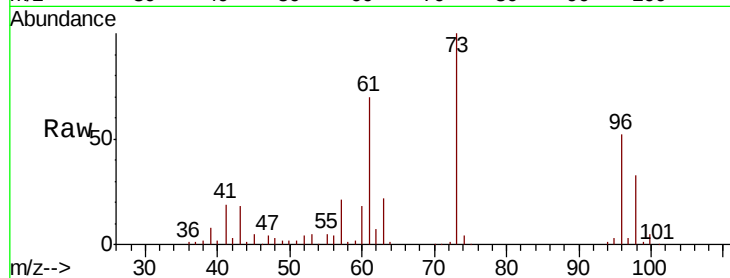
Tgt Ion: 96 Resp: 557195

Ion Ratio Lower Upper

96 100

61 135.1 108.1 162.1

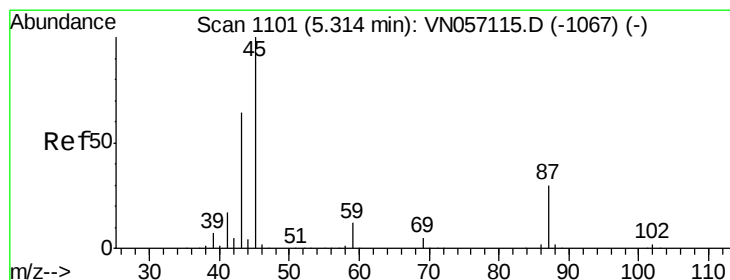
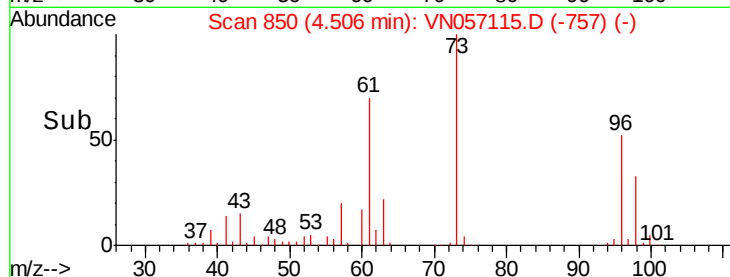
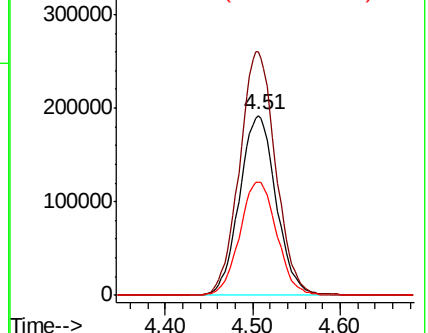
98 63.1 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN057115.D (-826) (-)

Ion 60.90 (60.60 to 61.60): VN057115.D (-826) (-)

Ion 97.90 (97.60 to 98.60): VN057115.D (-826) (-)



#22

Diisopropyl ether

Concen: 46.805 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Tgt Ion: 45 Resp: 1636781

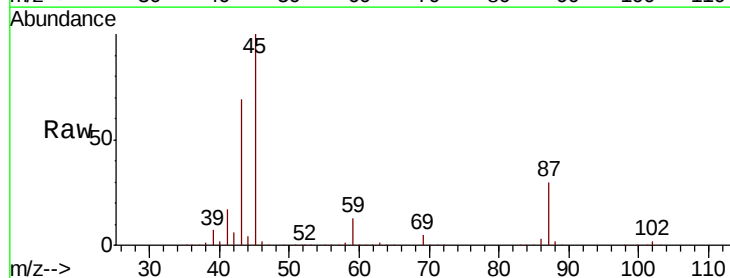
Ion Ratio Lower Upper

45 100

43 67.6 54.1 81.1

87 30.0 24.0 36.0

59 12.5 10.0 15.0

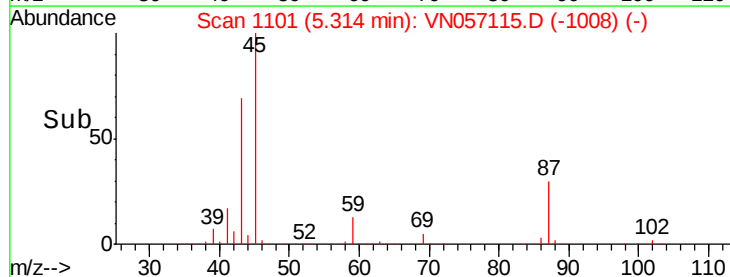
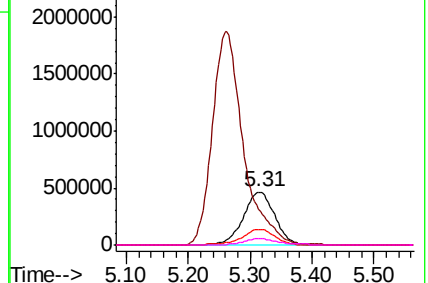


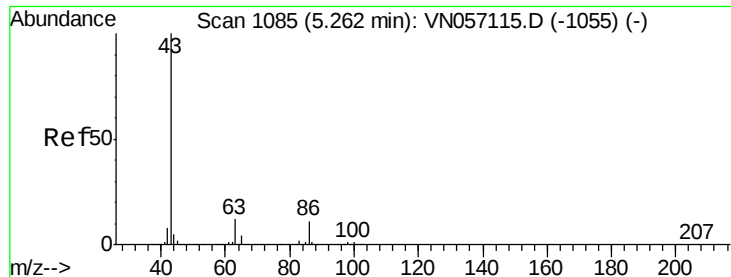
Abundance Ion 45.00 (44.70 to 45.70): VN057115.D (-1067) (-)

Ion 43.00 (42.70 to 43.70): VN057115.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1067) (-)

Ion 59.00 (58.70 to 59.70): VN057115.D (-1067) (-)





#23

Vinyl Acetate

Concen: 249.528 ug/l

RT: 5.26 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

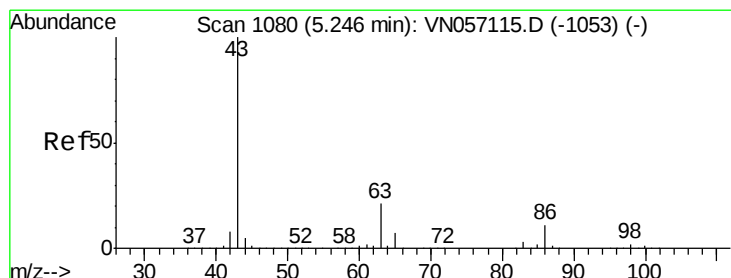
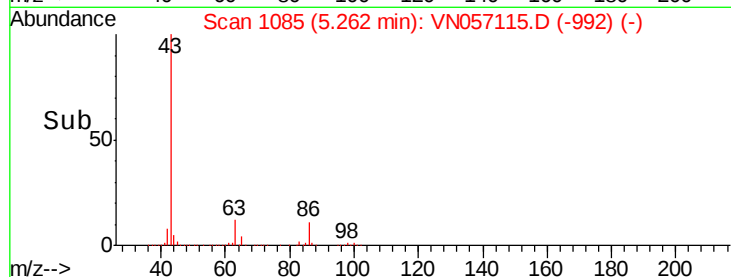
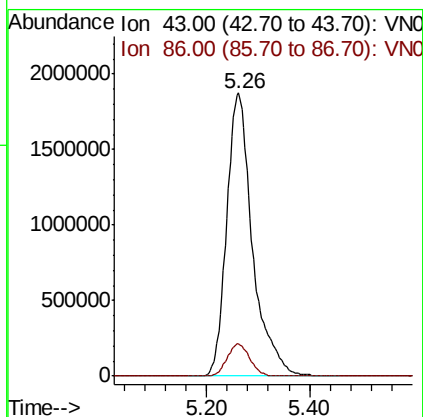
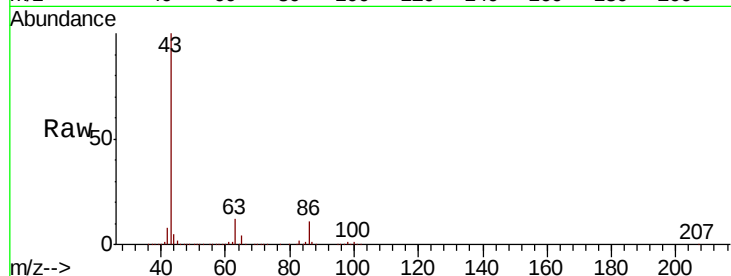
VSTDICCC050

Tgt Ion: 43 Resp: 6516338

Ion Ratio Lower Upper

43 100

86 11.5 9.2 13.8



#24

1,1-Dichloroethane

Concen: 46.568 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

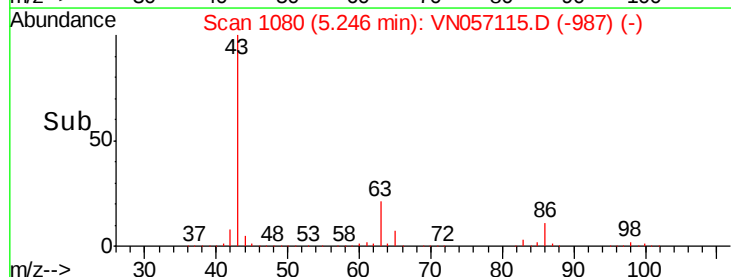
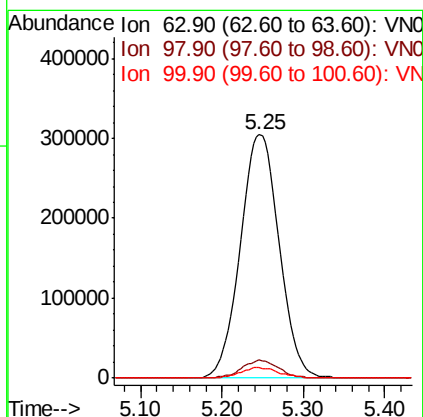
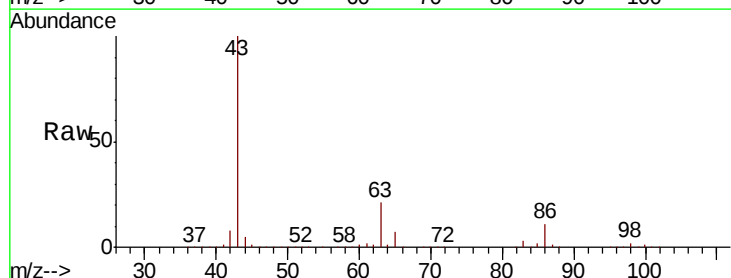
Tgt Ion: 63 Resp: 1002489

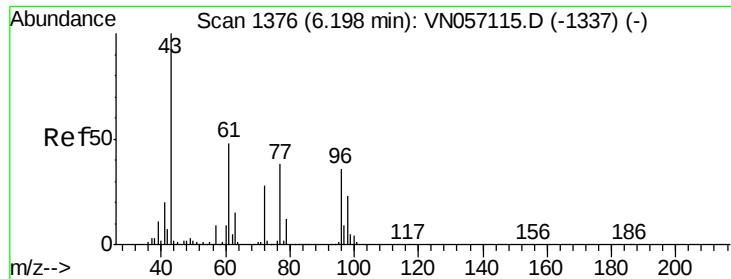
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.2 2.1 6.3

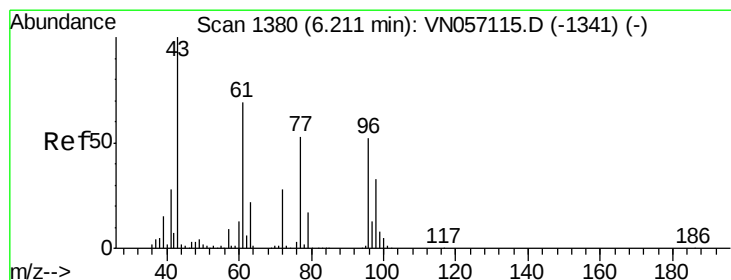
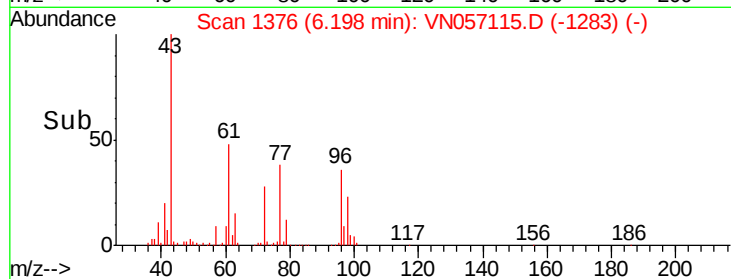
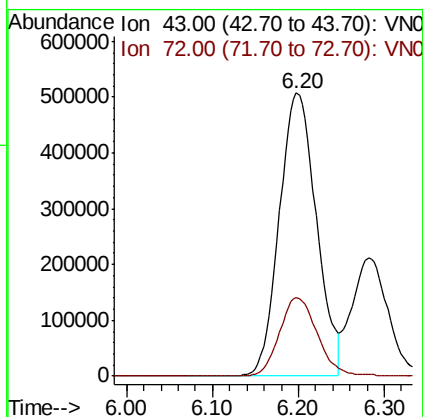
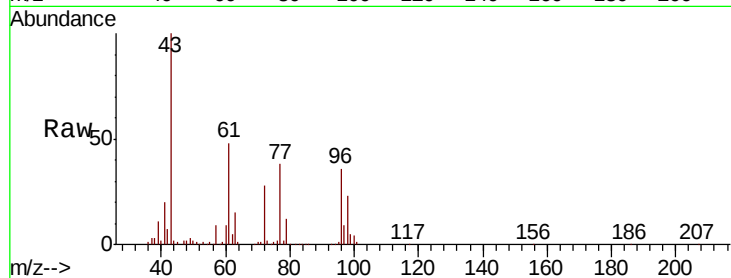




#25
2-Butanone
Concen: 263.603 ug/l
RT: 6.20 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

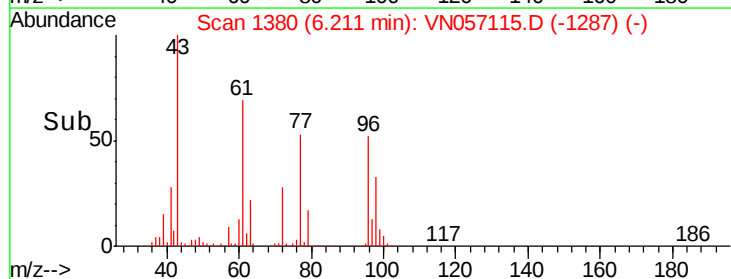
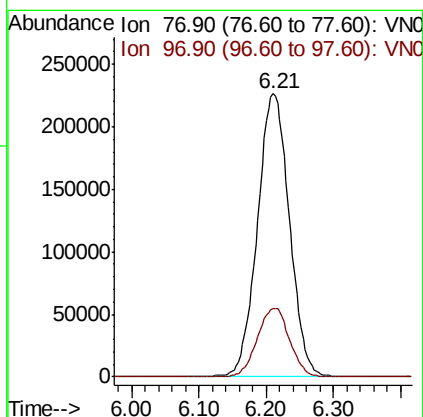
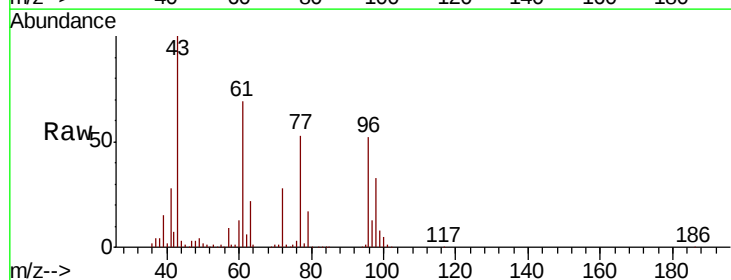
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

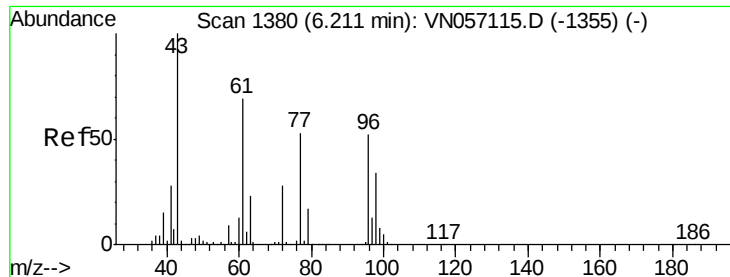
Tgt Ion: 43 Resp: 1515982
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.4



#26
2,2-Dichloropropane
Concen: 45.539 ug/l
RT: 6.21 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 77 Resp: 747281
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.8

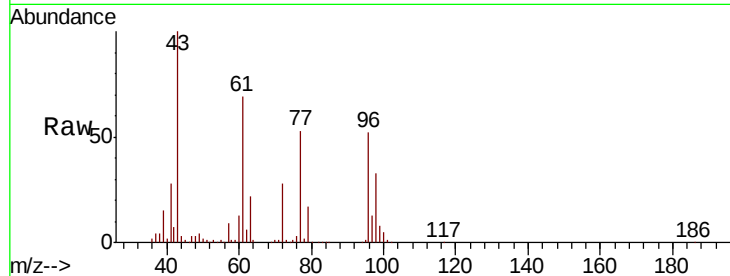




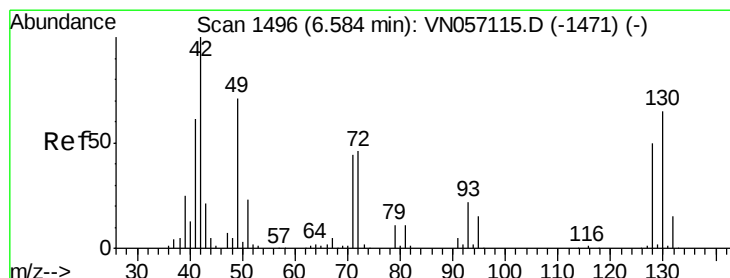
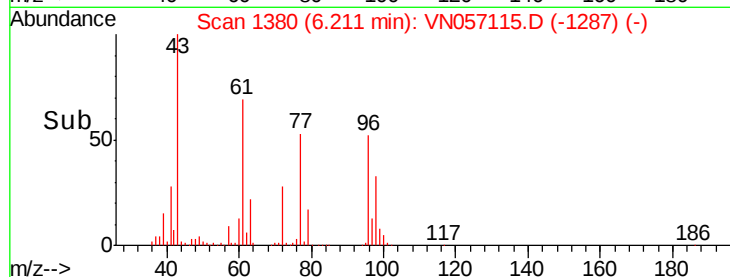
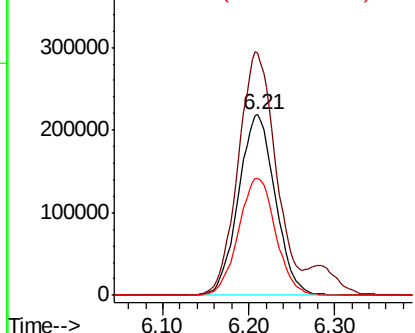
#27
 cis-1,2-Dichloroethene
 Concen: 47.762 ug/l
 RT: 6.21 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 651646
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 273.4
 98 65.2 0.0 130.4

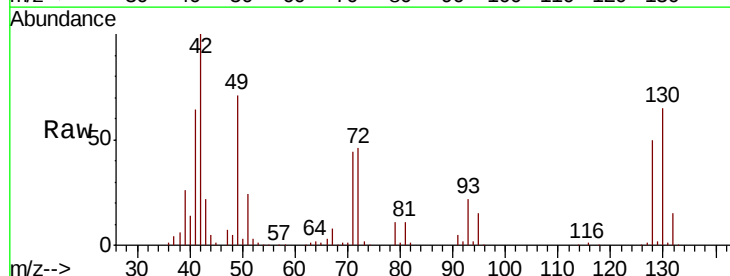


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

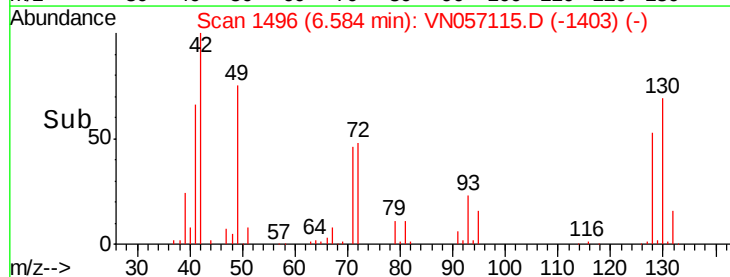
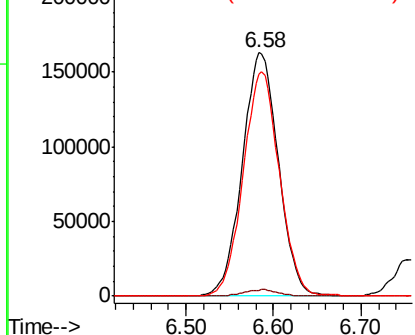


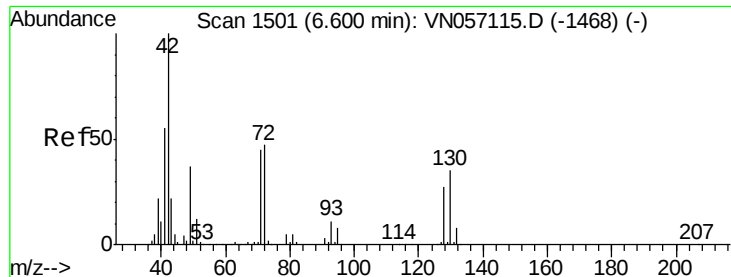
#28
 Bromochloromethane
 Concen: 49.013 ug/l
 RT: 6.58 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 49 Resp: 466887
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 92.3 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: 265.665 ug/l

RT: 6.60 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

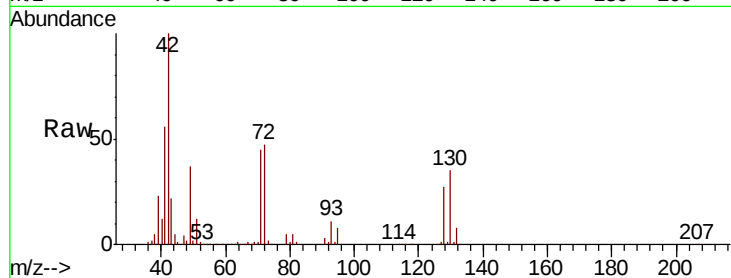
Tgt Ion: 42 Resp: 993977

Ion Ratio Lower Upper

42 100

72 46.4 37.1 55.7

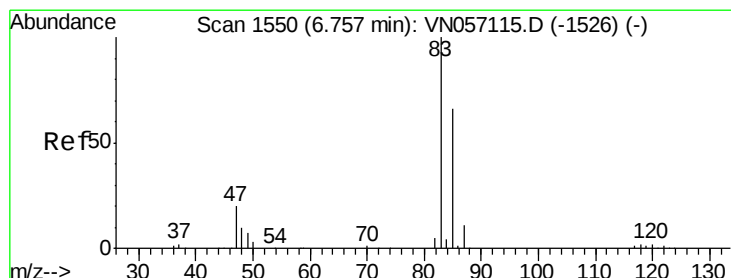
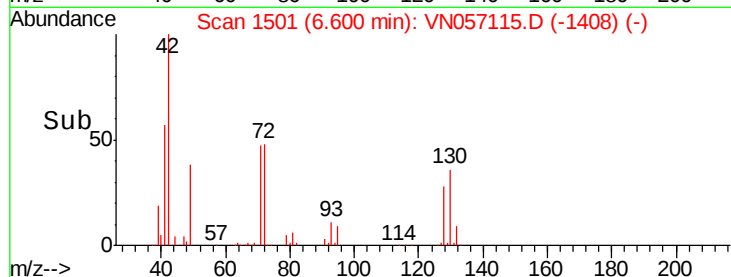
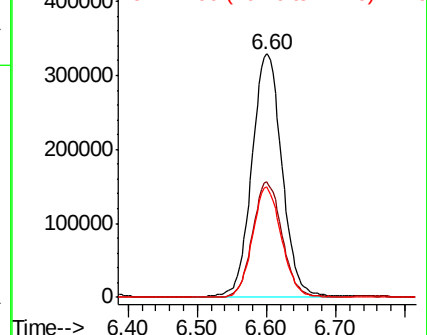
71 43.5 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 46.943 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. 0.00 min

Lab File: VN057115.D

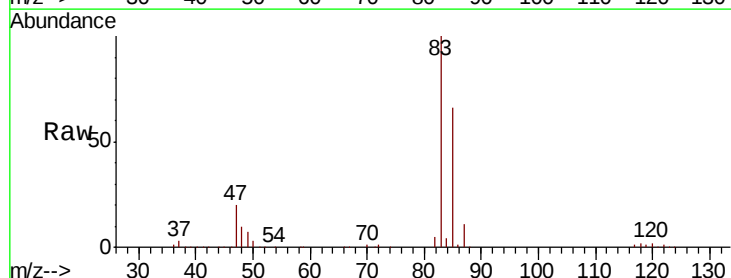
Acq: 7 Aug 2019 20:08

Tgt Ion: 83 Resp: 1012866

Ion Ratio Lower Upper

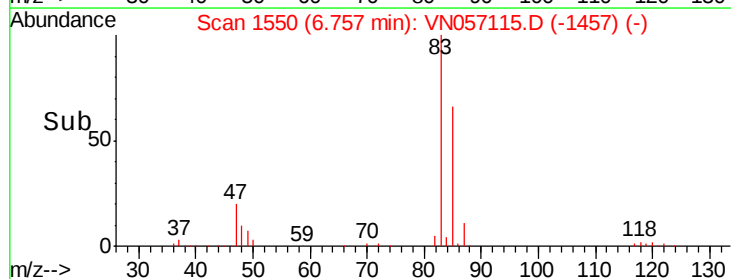
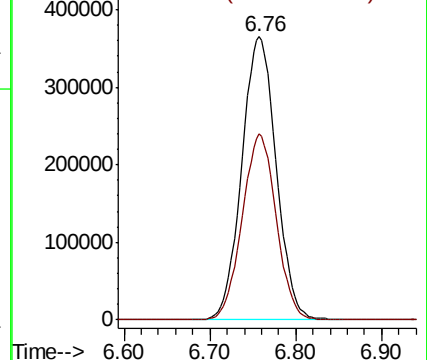
83 100

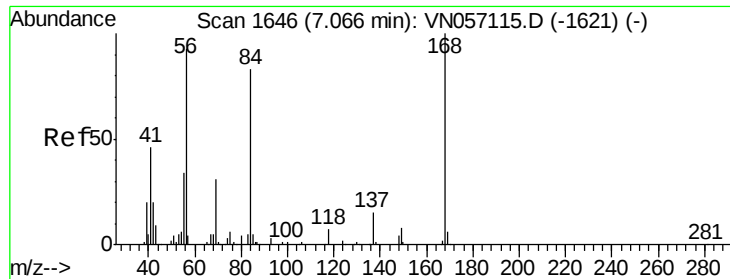
85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

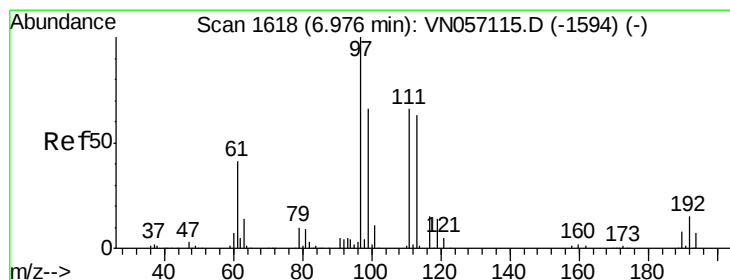
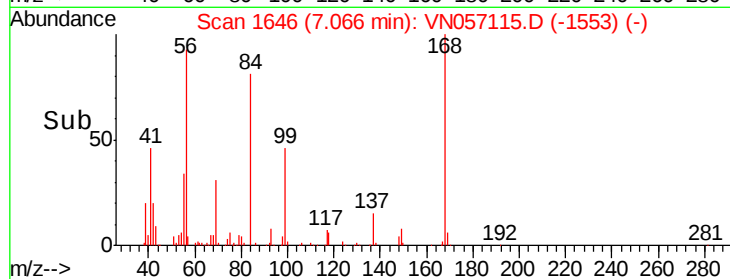
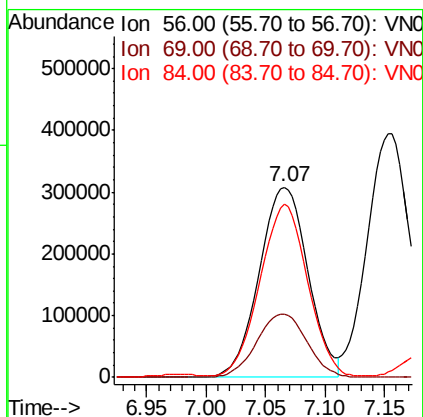
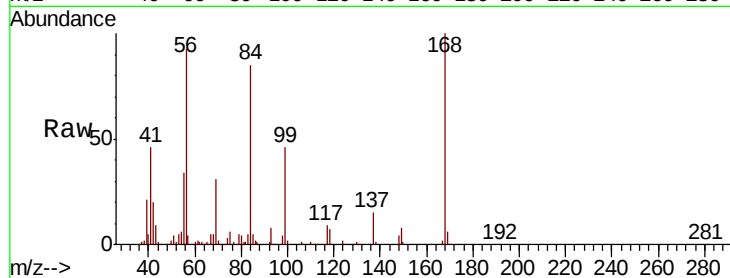




#31
Cyclohexane
Concen: 45.836 ug/l
RT: 7.07 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

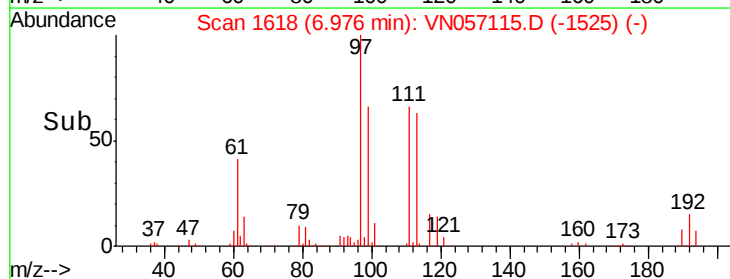
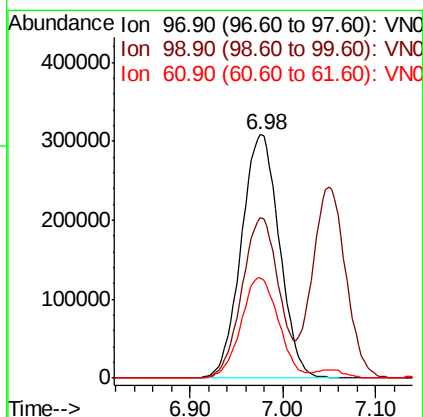
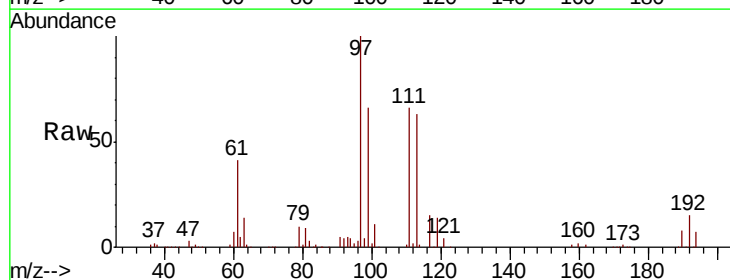
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

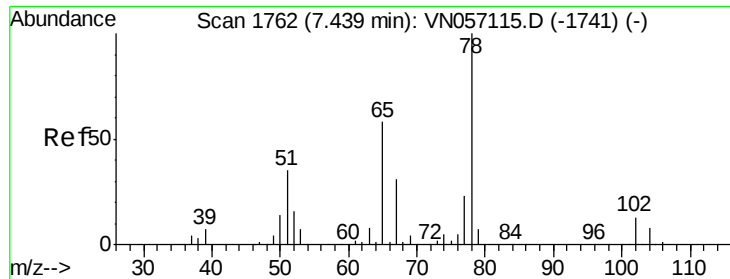
Tgt Ion: 56 Resp: 873538
Ion Ratio Lower Upper
56 100
69 33.6 26.9 40.3
84 89.9 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 48.929 ug/l
RT: 6.98 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 97 Resp: 880182
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 40.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.809 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

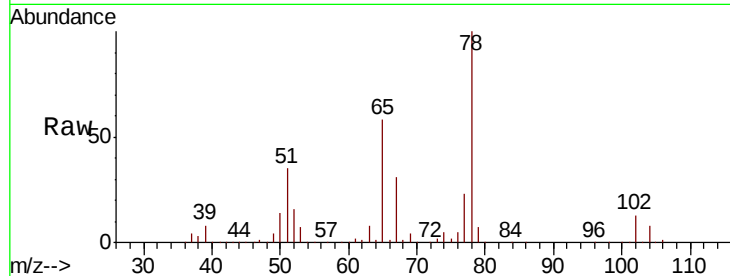
VSTDICCC050

Tgt Ion: 65 Resp: 642620

Ion Ratio Lower Upper

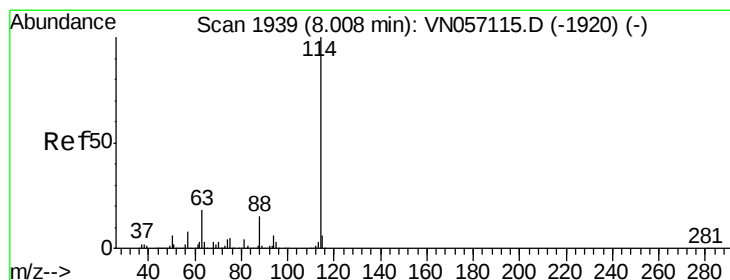
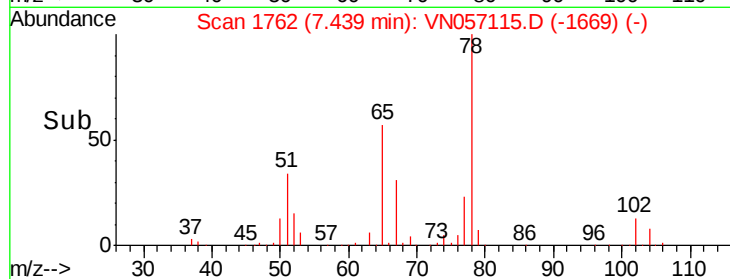
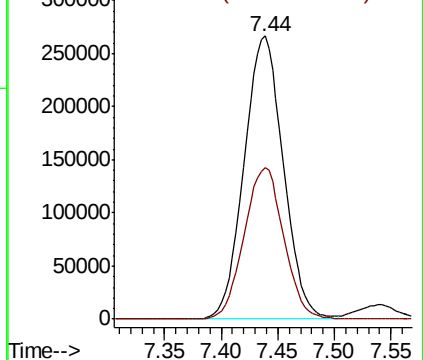
65 100

67 54.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN057115.D (-1741) (-)

Ion 66.90 (66.60 to 67.60): VN057115.D (-1741) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

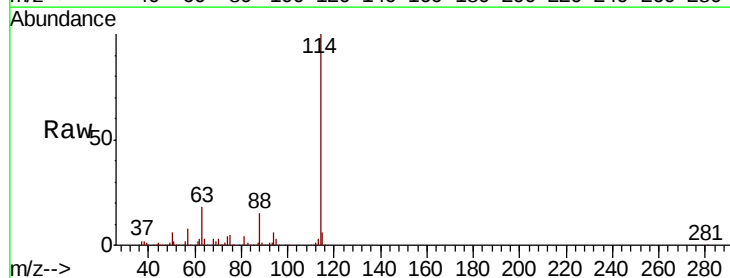
Tgt Ion: 114 Resp: 1883462

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

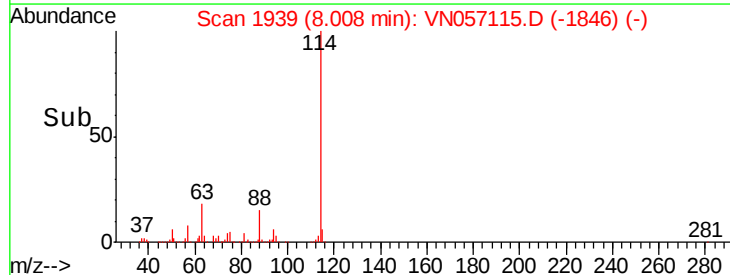
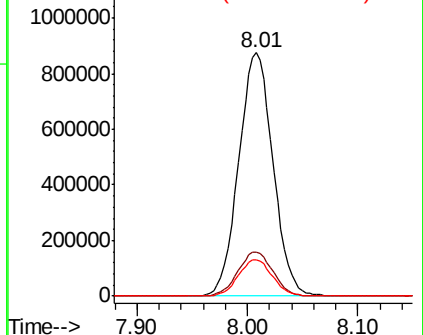
88 15.0 0.0 30.0

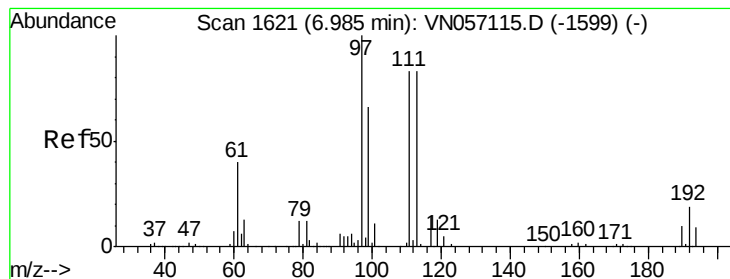


Abundance Ion 113.90 (113.60 to 114.60): VN057115.D (-1920) (-)

Ion 63.00 (62.70 to 63.70): VN057115.D (-1920) (-)

Ion 87.90 (87.60 to 88.60): VN057115.D (-1920) (-)





#35

Dibromofluoromethane

Concen: 49.475 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

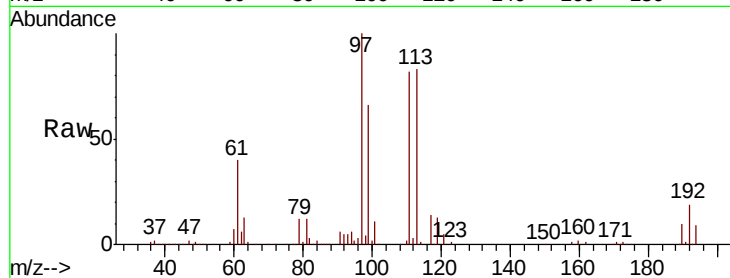
Tgt Ion: 113 Resp: 586767

Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

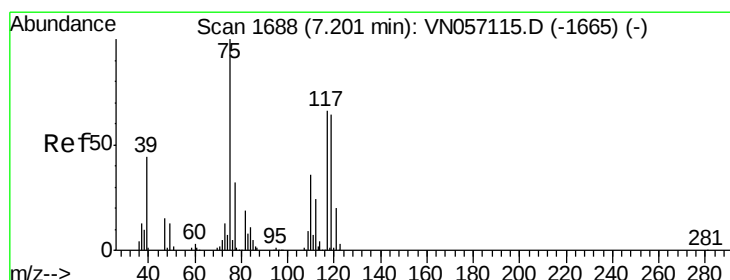
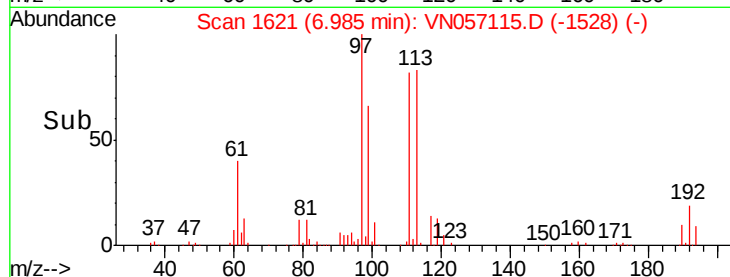
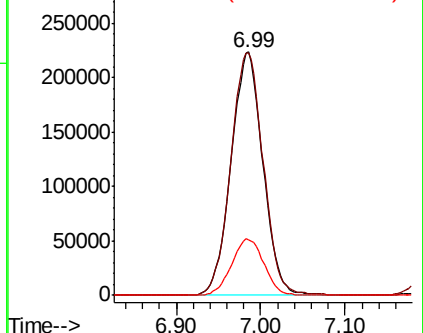
192 23.7 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.418 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

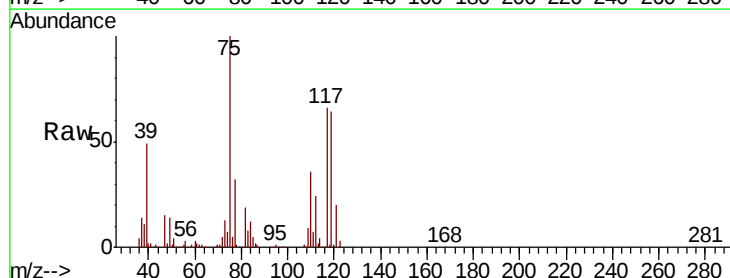
Tgt Ion: 75 Resp: 759419

Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

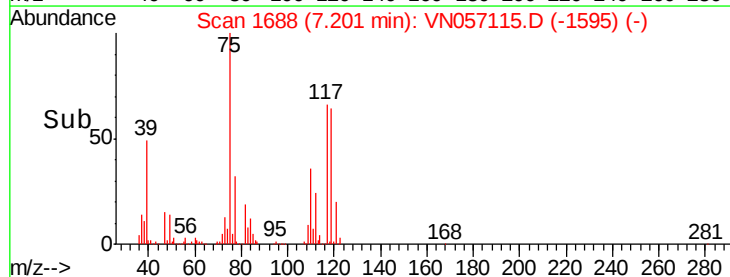
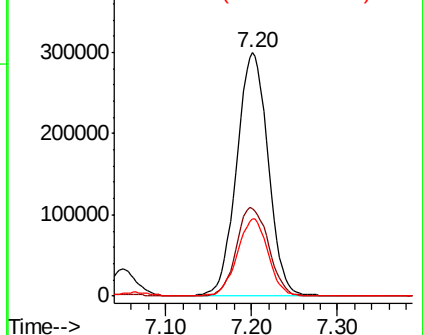
77 31.2 25.0 37.4

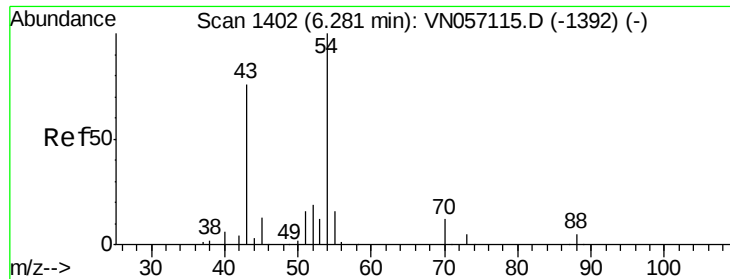


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

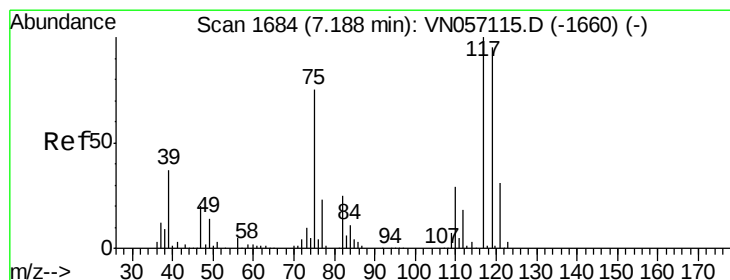
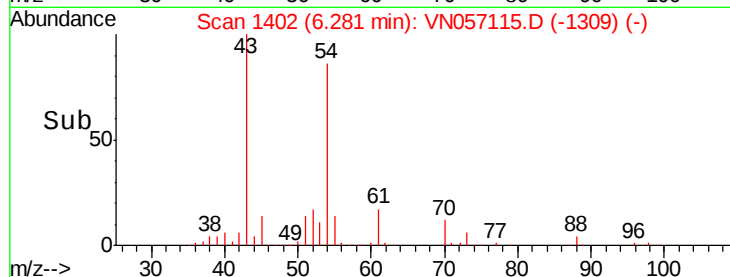
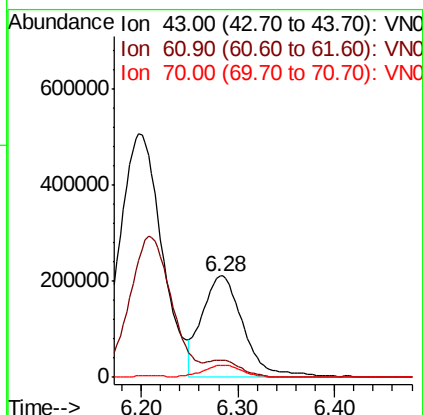
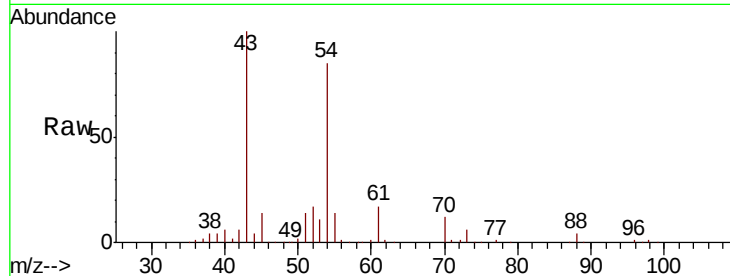




#37
 Ethyl Acetate
 Concen: 49.720 ug/l
 RT: 6.28 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

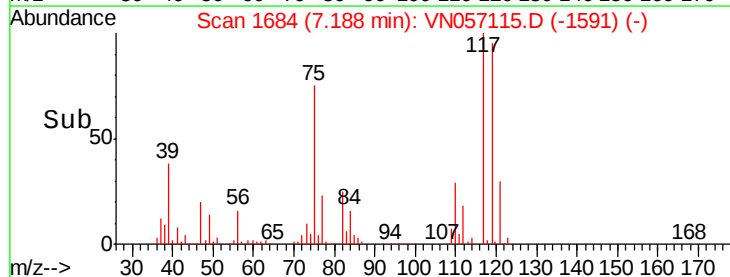
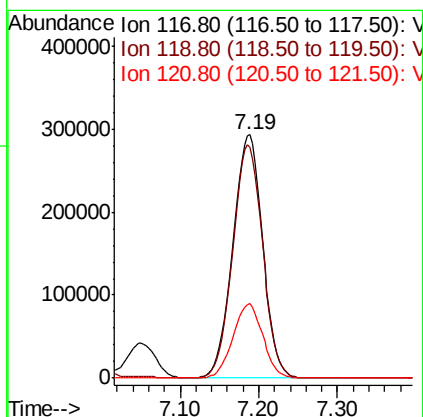
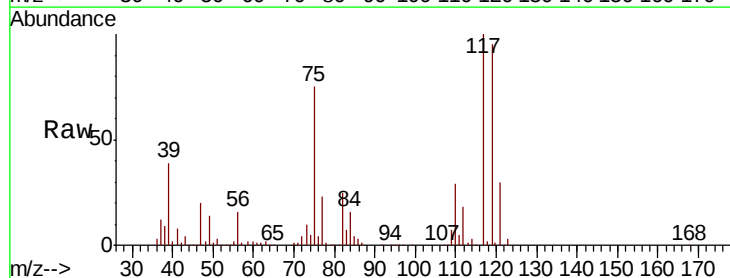
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

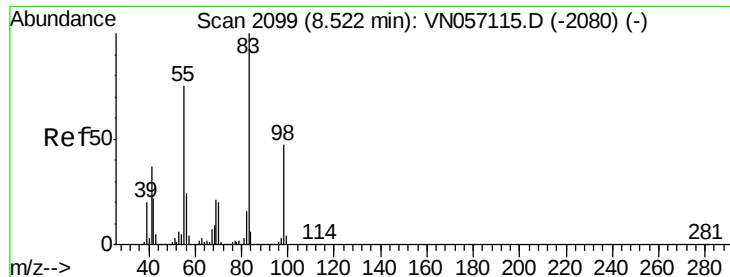
Tgt Ion: 43 Resp: 620077
 Ion Ratio Lower Upper
 43 100
 61 0.0 0.0 0.0
 70 11.4 9.1 13.7



#38
 Carbon Tetrachloride
 Concen: 49.197 ug/l
 RT: 7.19 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 117 Resp: 775457
 Ion Ratio Lower Upper
 117 100
 119 94.7 75.8 113.6
 121 30.5 24.4 36.6

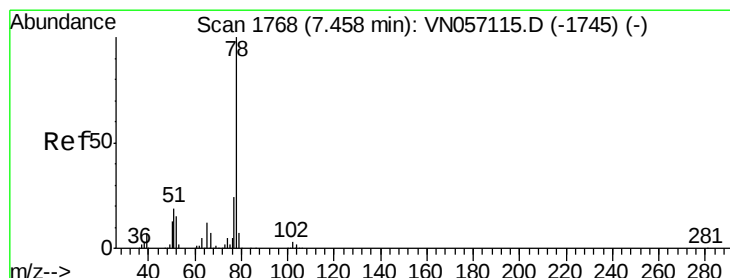
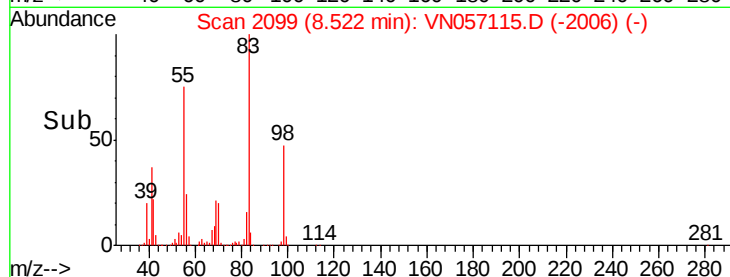
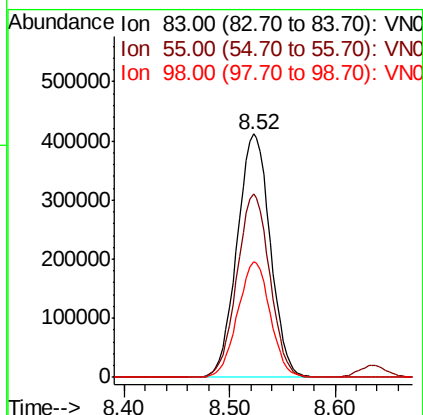
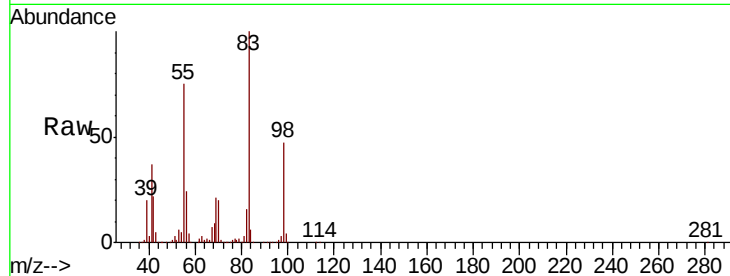




#39
Methylcyclohexane
Concen: 47.503 ug/l
RT: 8.52 min Scan# 2099
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

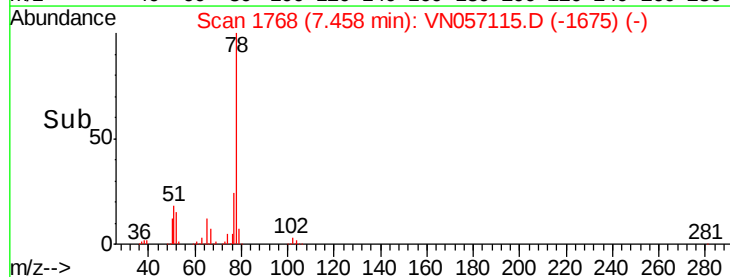
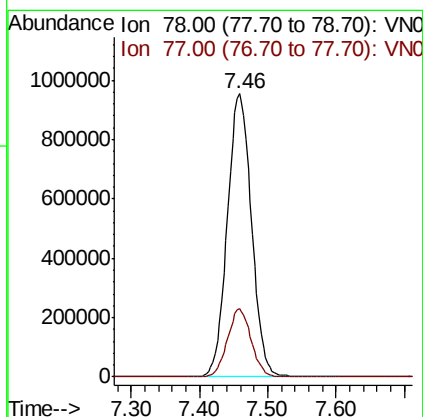
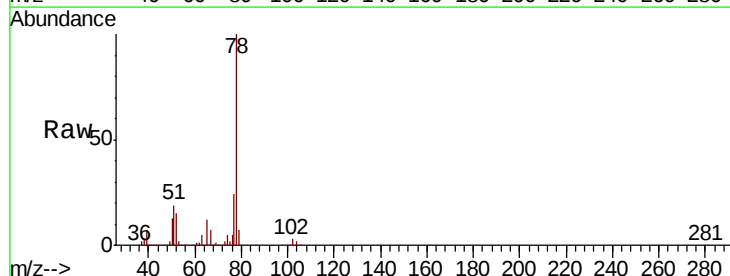
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

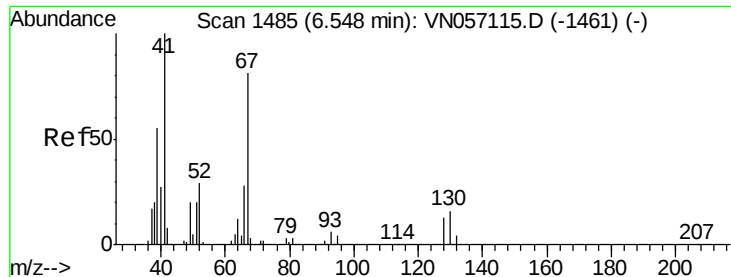
Tgt Ion: 83 Resp: 899492
Ion Ratio Lower Upper
83 100
55 75.4 60.3 90.5
98 47.4 37.9 56.9



#40
Benzene
Concen: 46.512 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 78 Resp: 2348605
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 62.713 ug/l

RT: 6.55 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tgt Ion: 41 Resp: 329087

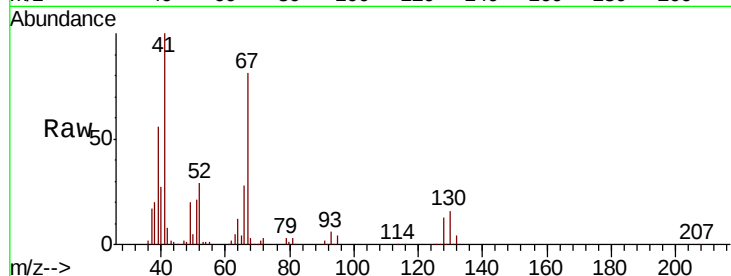
Ion Ratio Lower Upper

41 100

39 56.1 44.9 67.3

67 86.4 69.1 103.7

52 32.2 25.8 38.6

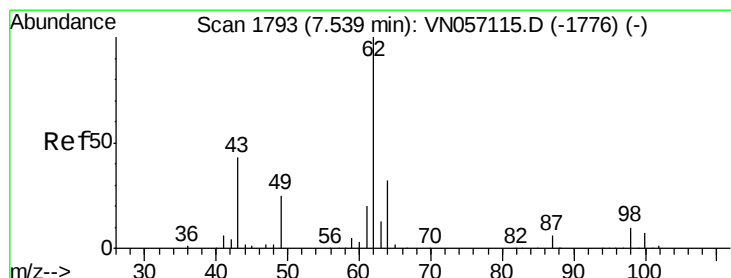
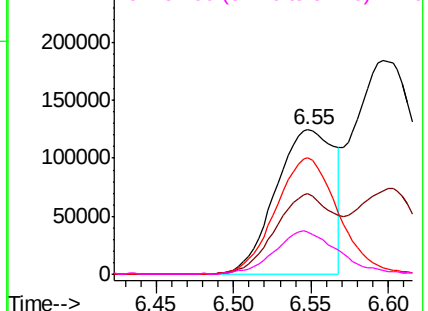
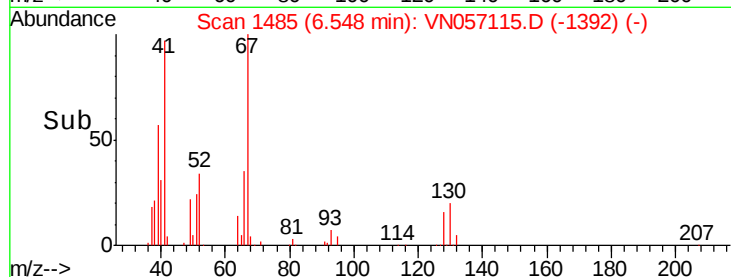


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 47.451 ug/l

RT: 7.54 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VN057115.D

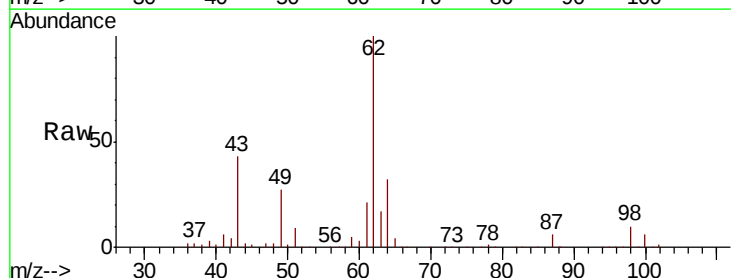
Acq: 7 Aug 2019 20:08

Tgt Ion: 62 Resp: 750059

Ion Ratio Lower Upper

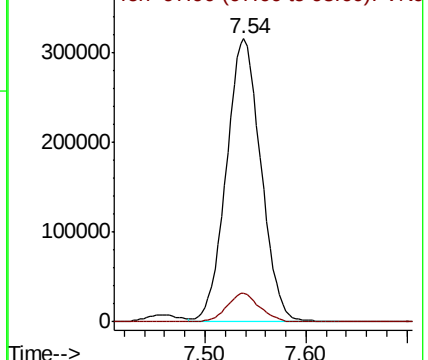
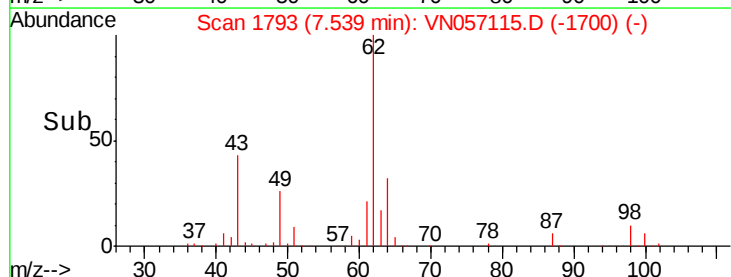
62 100

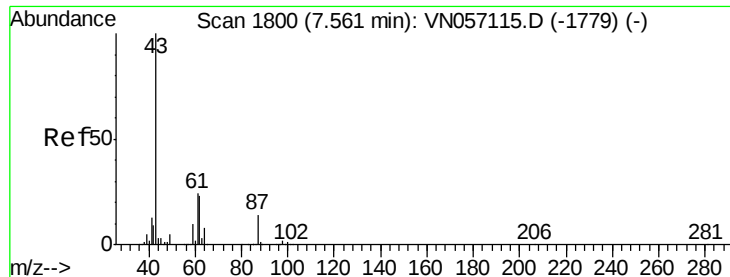
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.158 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

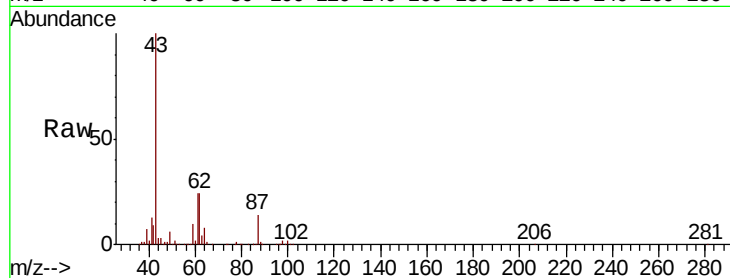
Tgt Ion: 43 Resp: 1049915

Ion Ratio Lower Upper

43 100

61 30.2 24.2 36.2

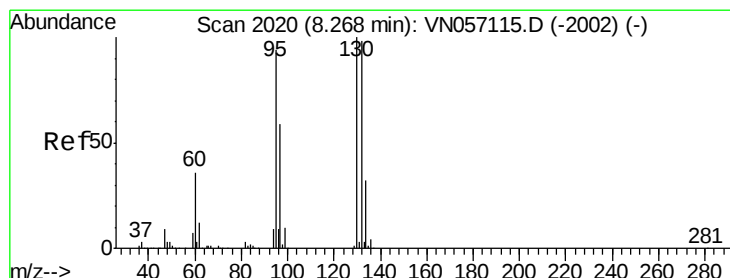
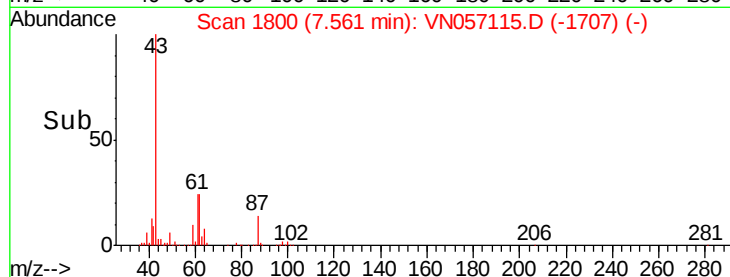
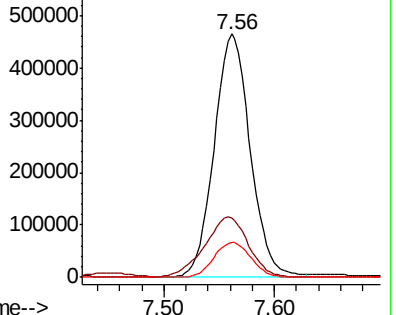
87 14.8 11.8 17.8



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) (-)



#44

Trichloroethene

Concen: 47.543 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN057115.D

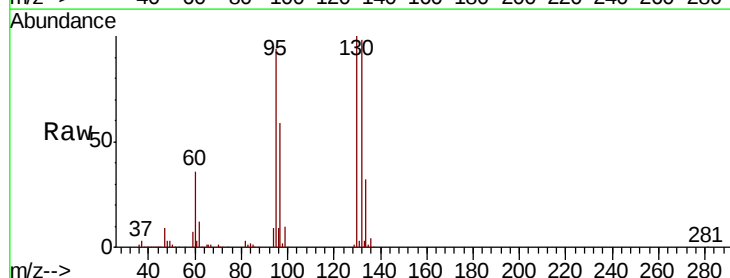
Acq: 7 Aug 2019 20:08

Tgt Ion: 130 Resp: 655903

Ion Ratio Lower Upper

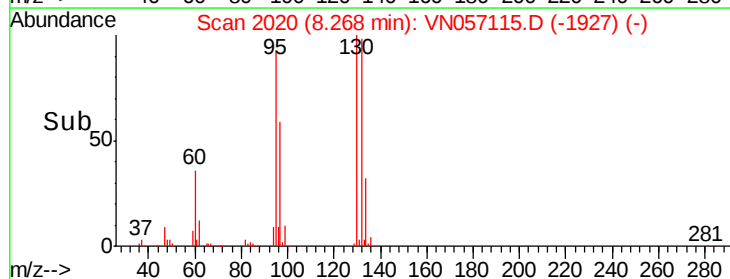
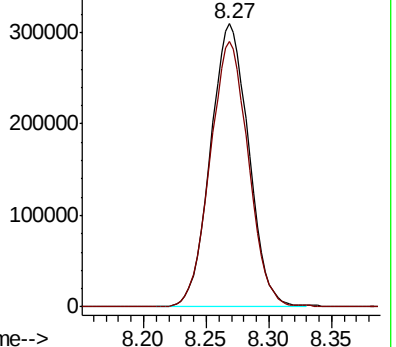
130 100

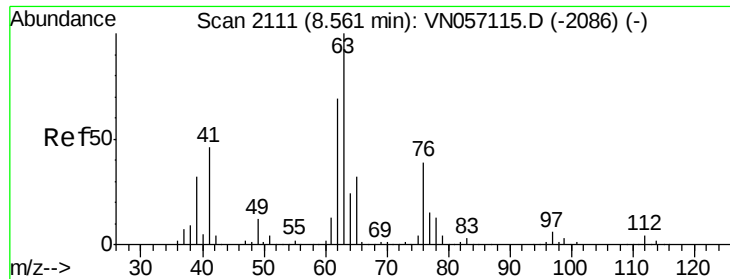
95 93.7 0.0 187.4



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

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

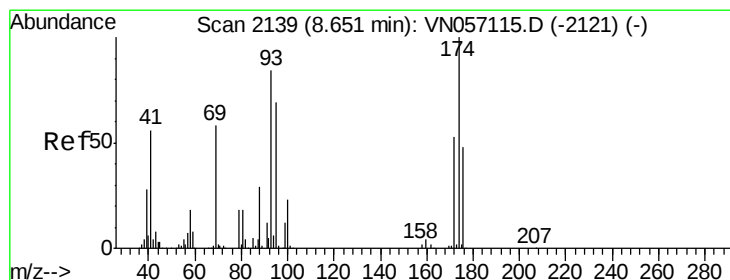
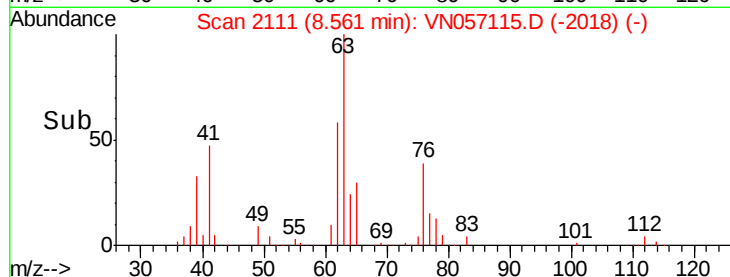
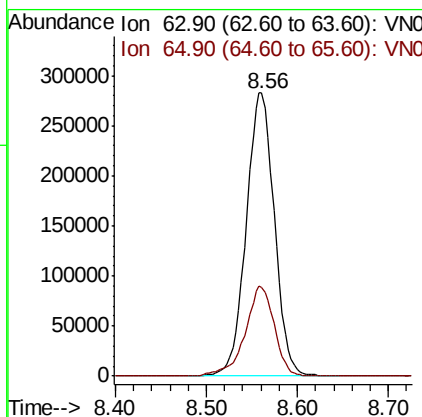
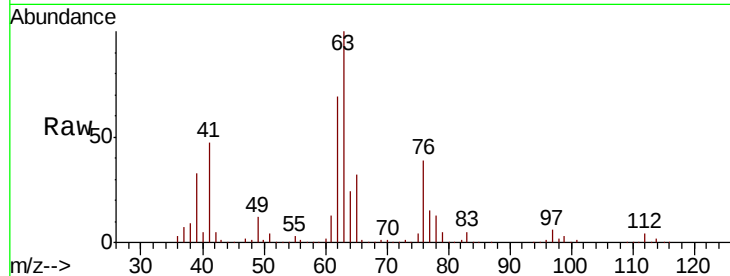




#45
 1,2-Dichloropropane
 Concen: 46.493 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

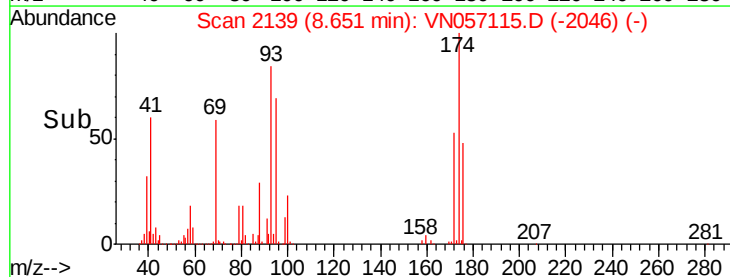
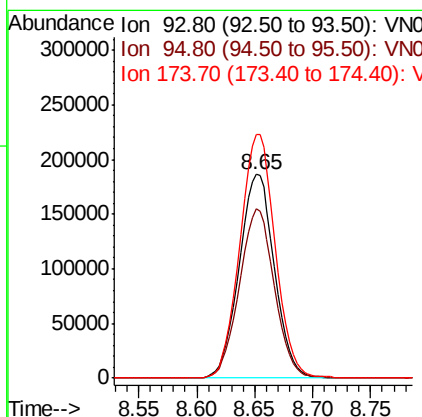
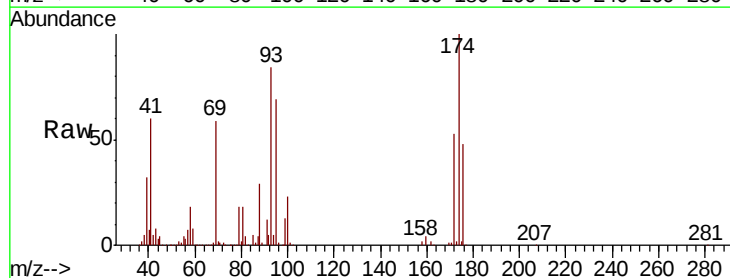
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

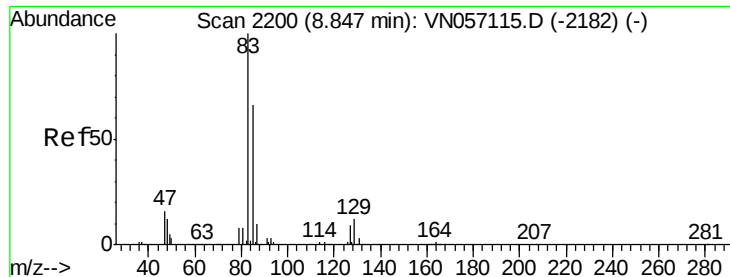
Tgt Ion: 63 Resp: 607113
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.2 37.8



#46
 Dibromomethane
 Concen: 48.499 ug/l
 RT: 8.65 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 93 Resp: 394355
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 120.0 96.0 144.0





#47

Bromodichloromethane

Concen: 50.230 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

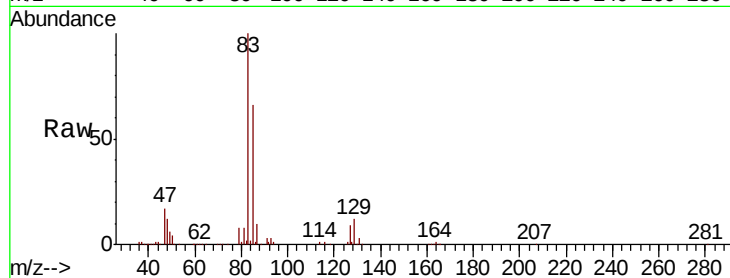
Tgt Ion: 83 Resp: 783509

Ion Ratio Lower Upper

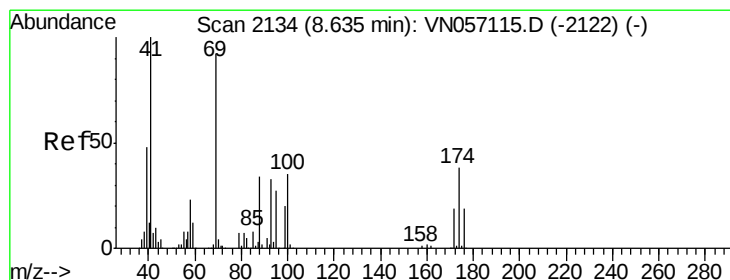
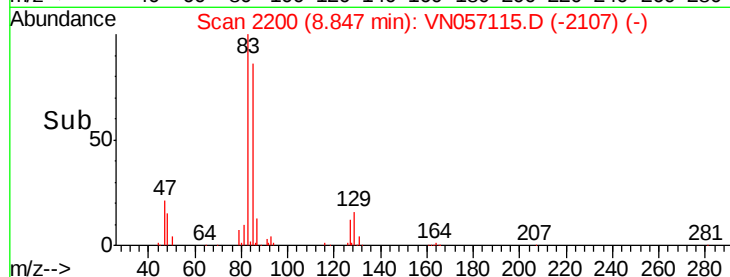
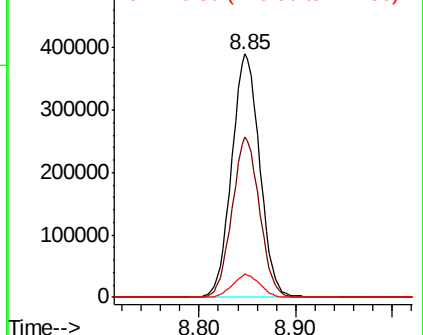
83 100

85 65.7 52.6 78.8

127 9.4 7.5 11.3



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



#48

Methyl methacrylate

Concen: 49.402 ug/l

RT: 8.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

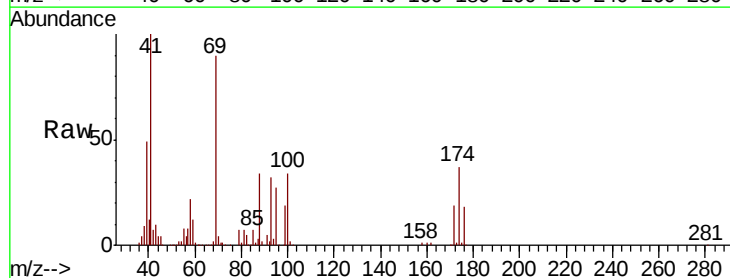
Tgt Ion: 41 Resp: 494482

Ion Ratio Lower Upper

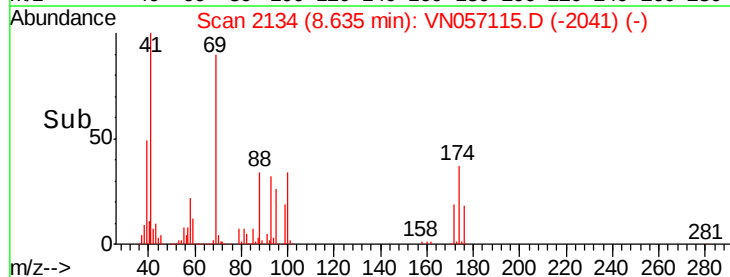
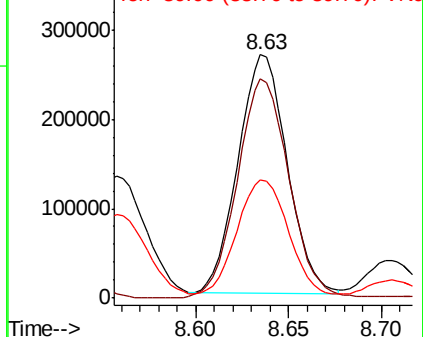
41 100

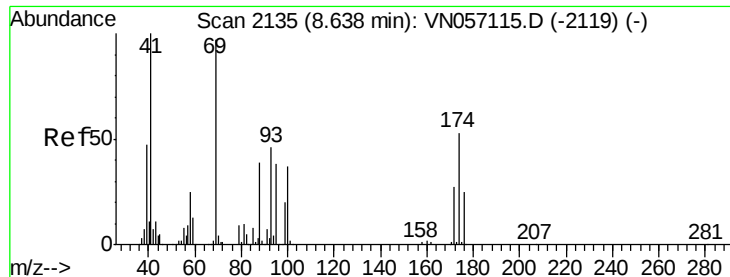
69 96.9 77.5 116.3

39 49.7 39.8 59.6



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

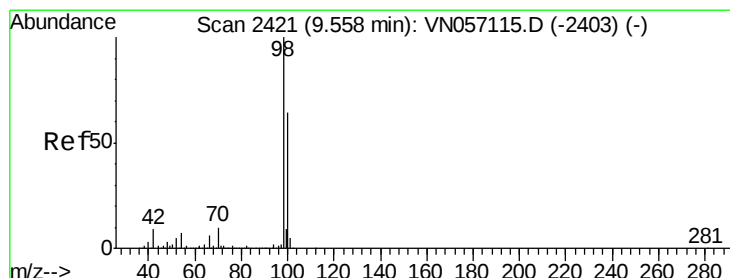
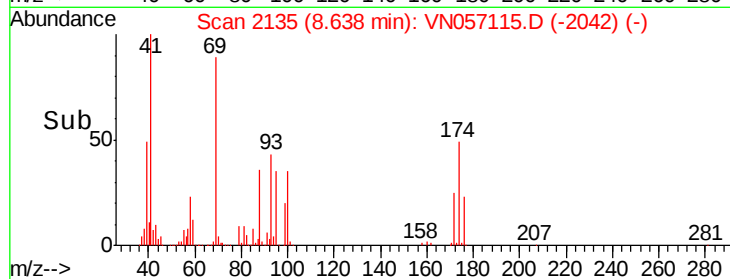
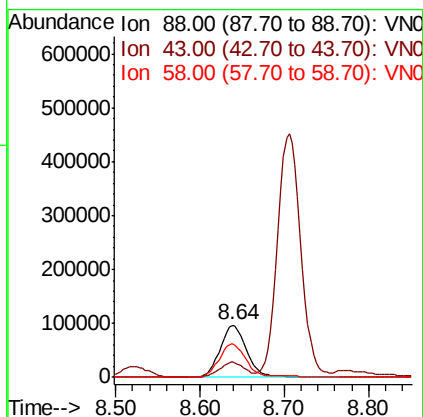
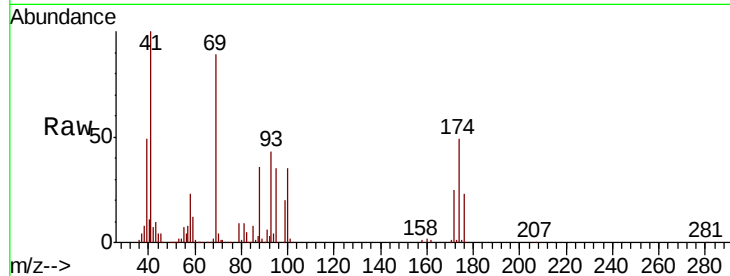




#49
 1,4-Dioxane
 Concen: 1037.638 ug/l
 RT: 8.64 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

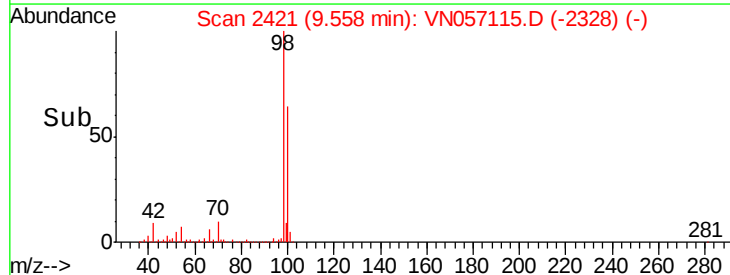
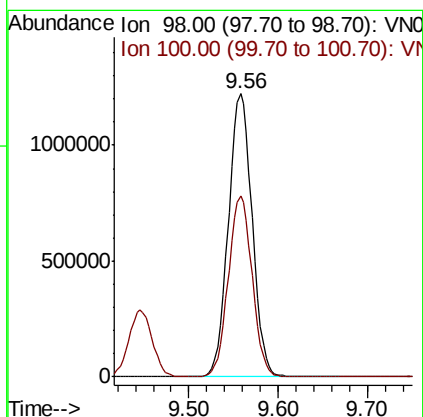
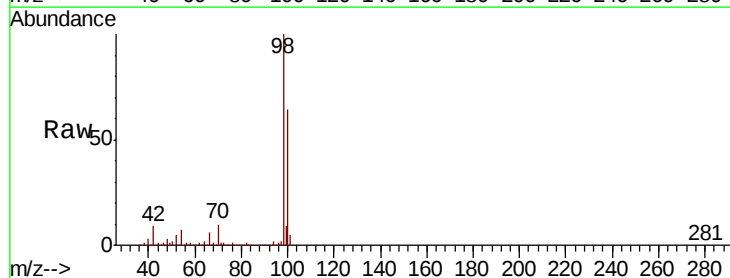
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

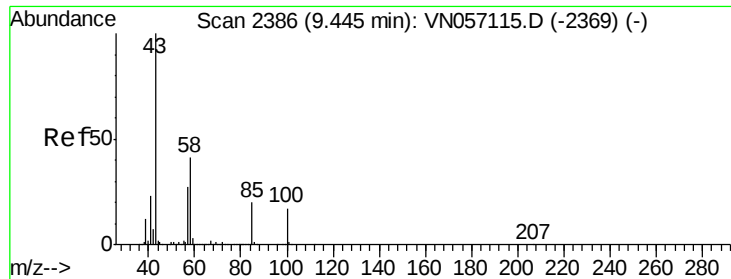
Tgt Ion: 88 Resp: 211029
 Ion Ratio Lower Upper
 88 100
 43 27.1 21.7 32.5
 58 63.9 51.1 76.7



#50
 Toluene-d8
 Concen: 50.309 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 98 Resp: 2249958
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8

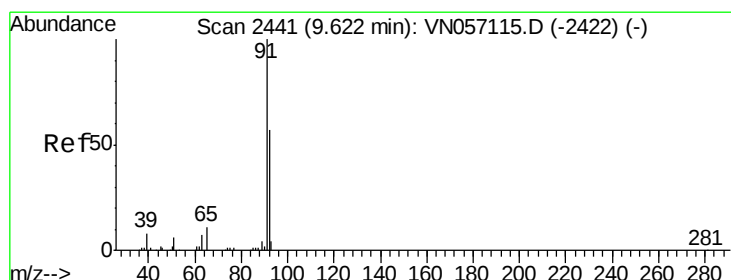
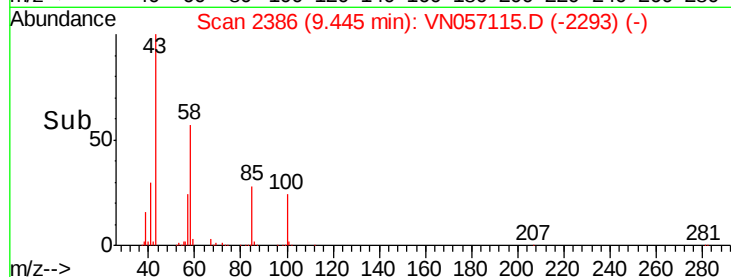
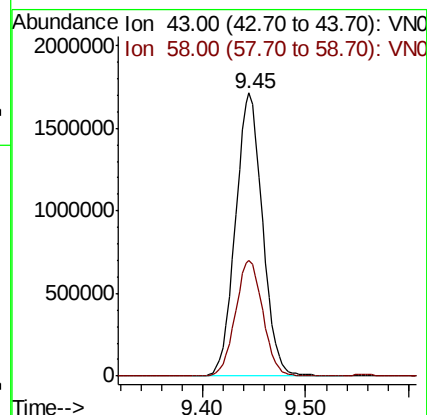
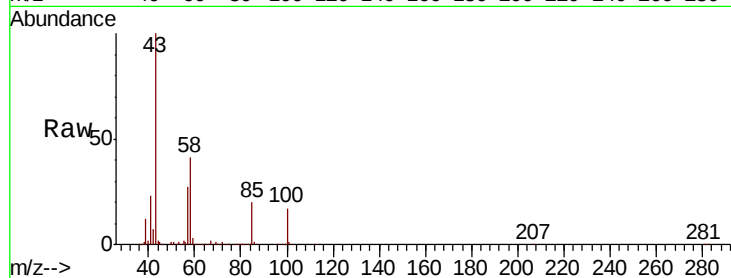




#51
 4-Methyl-2-Pentanone
 Concen: 275.319 ug/l
 RT: 9.45 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

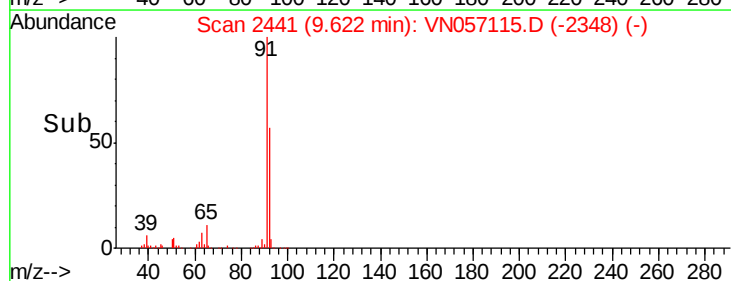
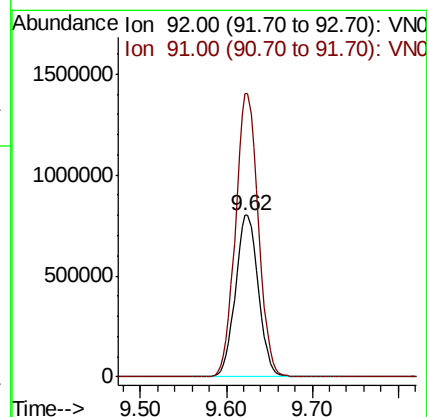
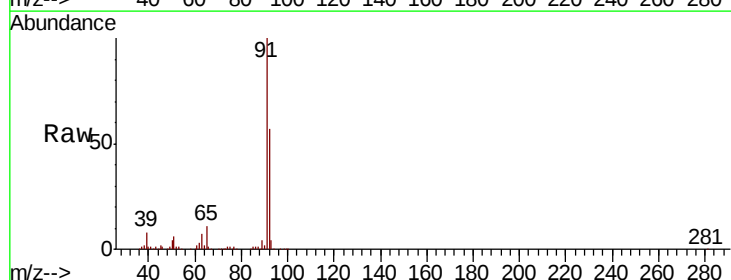
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

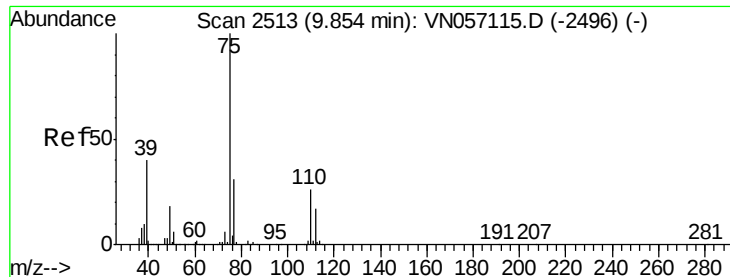
Tgt Ion: 43 Resp: 3127785
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.2 49.8



#52
 Toluene
 Concen: 48.189 ug/l
 RT: 9.62 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 92 Resp: 1477302
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 50.407 ug/l

RT: 9.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

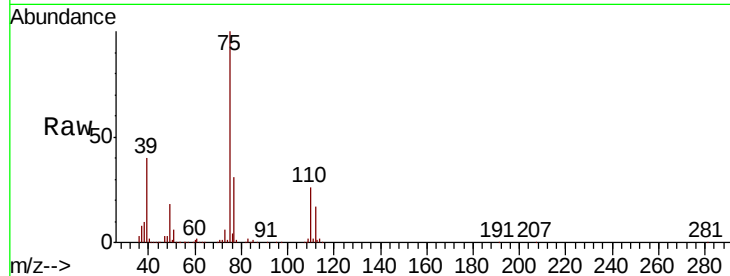
VSTDICCC050

Tgt Ion: 75 Resp: 824798

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

9.85

400000

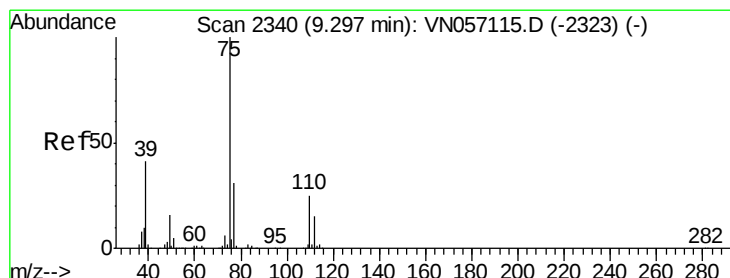
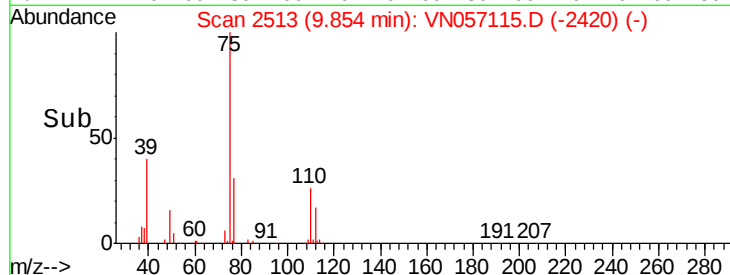
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.069 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

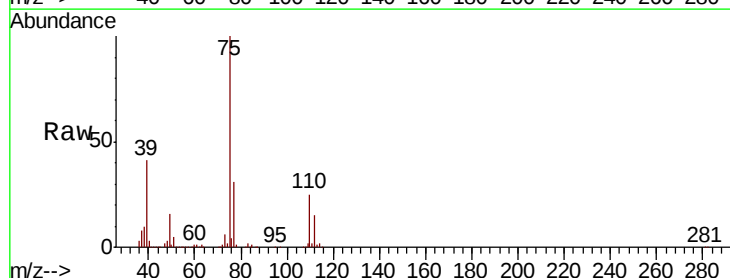
Tgt Ion: 75 Resp: 941443

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 40.6 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

9.30

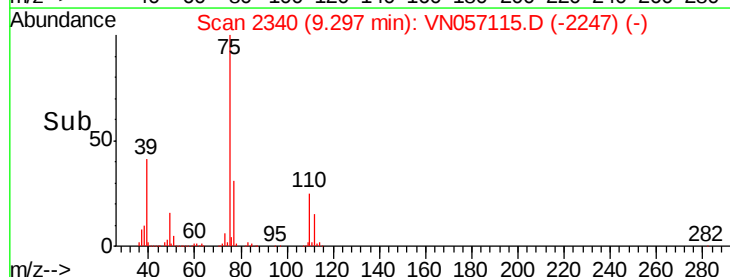
600000

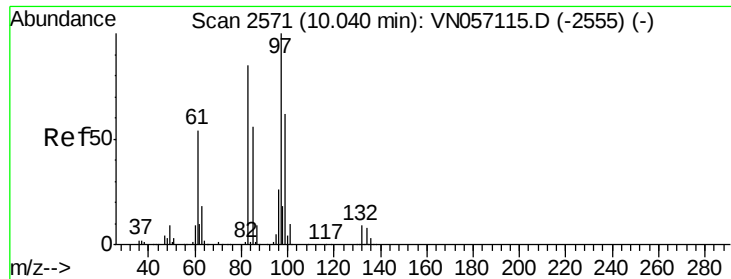
400000

200000

0

Time-->

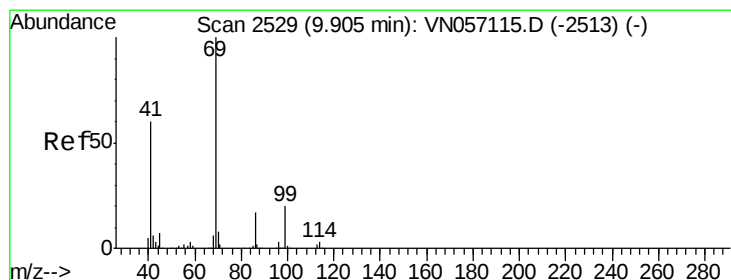
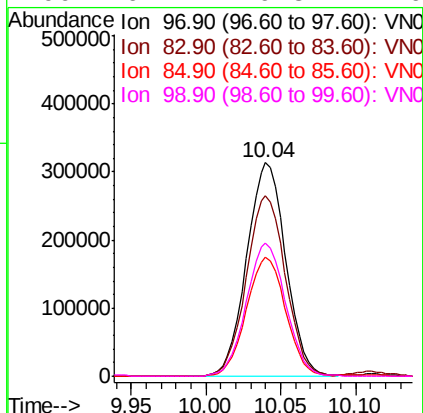
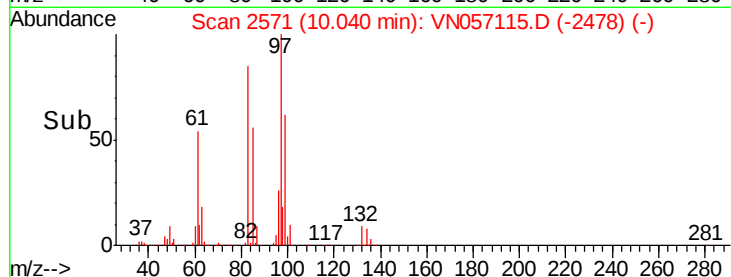
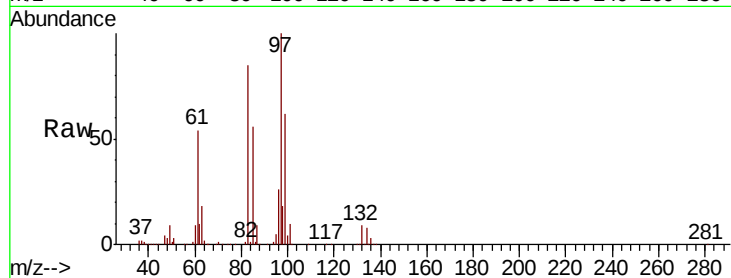




#55
 1,1,2-Trichloroethane
 Concen: 48.721 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

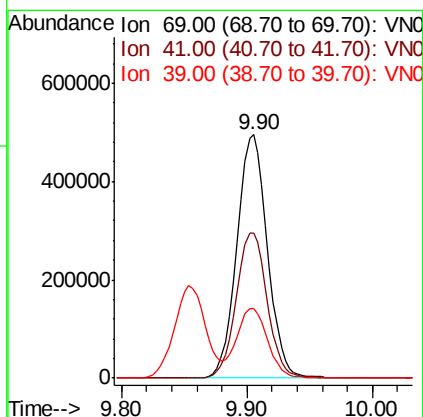
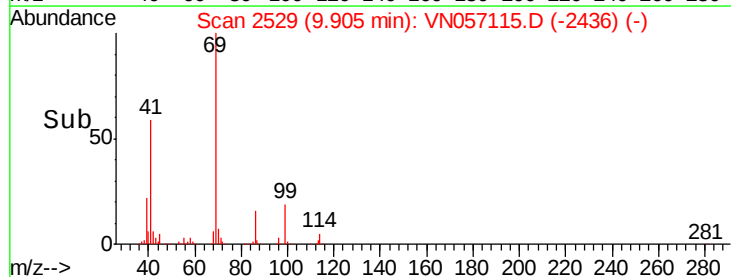
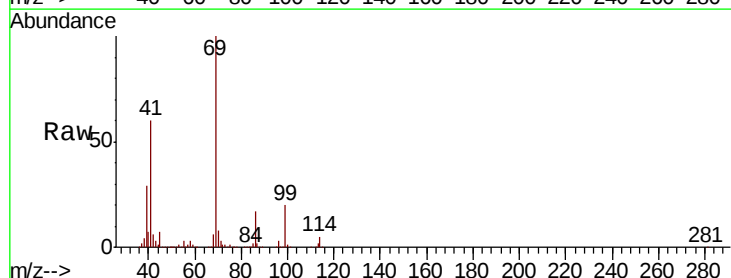
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

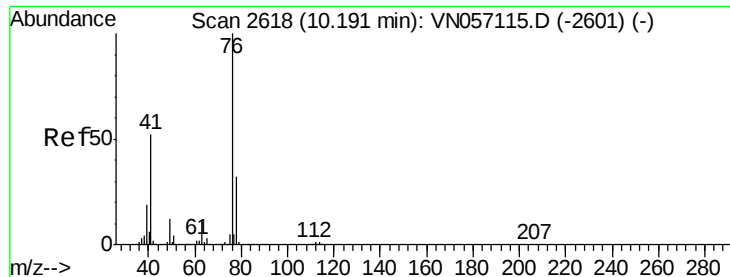
Tgt Ion:	97	Resp:	570008
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	55.5	44.4	66.6
99	62.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.227 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion:	69	Resp:	837156
Ion	Ratio	Lower	Upper
69	100		
41	60.1	48.1	72.1
39	29.5	23.6	35.4

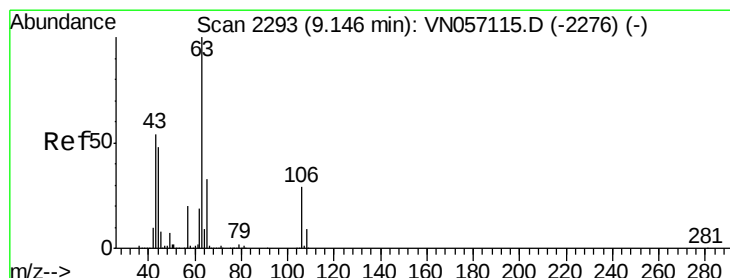
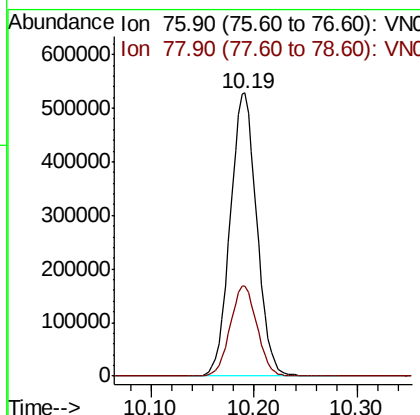
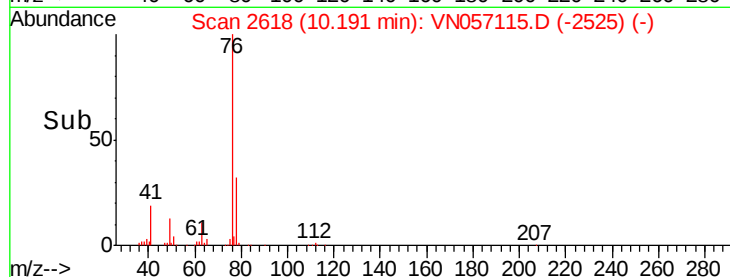
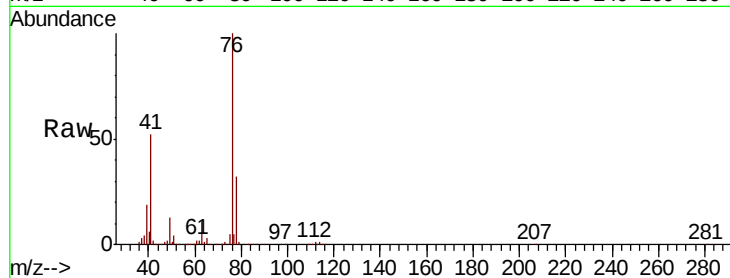




#57
 1,3-Dichloropropane
 Concen: 48.695 ug/l
 RT: 10.19 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

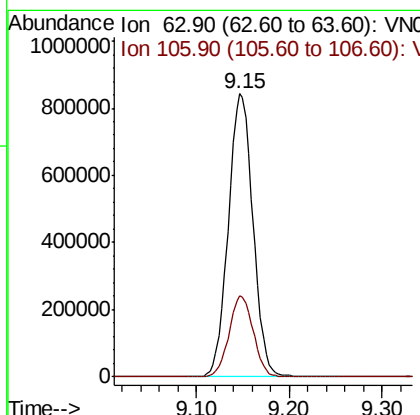
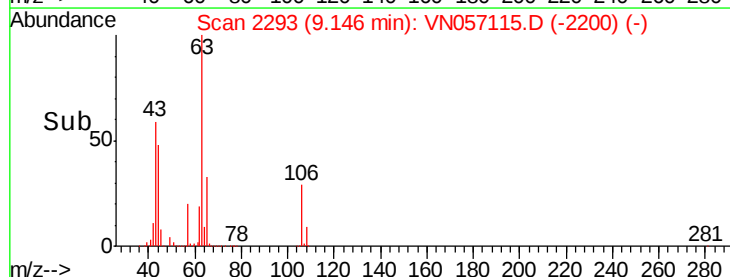
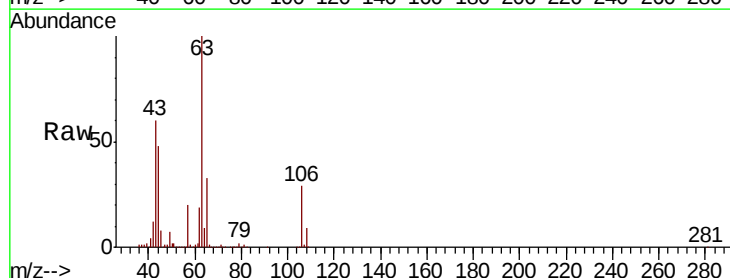
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

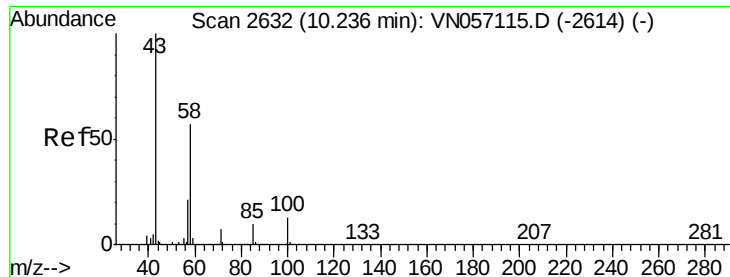
Tgt Ion: 76 Resp: 945832
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.251 ug/l
 RT: 9.15 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 63 Resp: 1551310
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.6 33.8

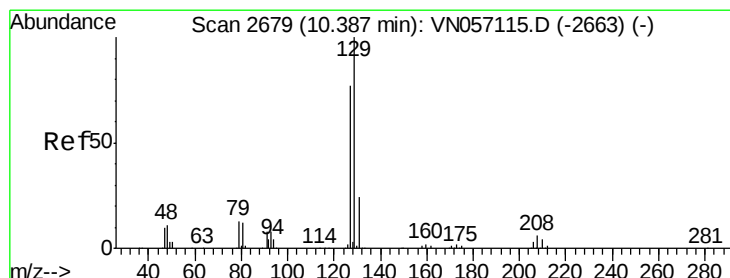
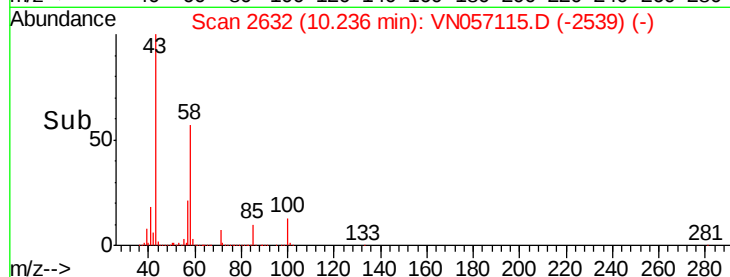
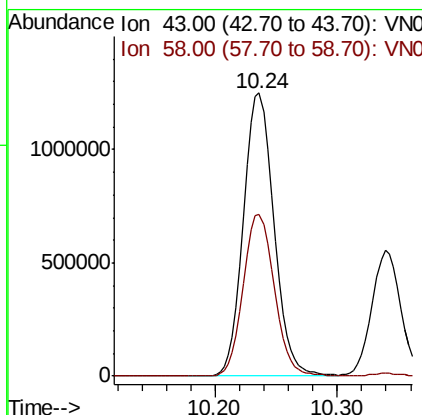
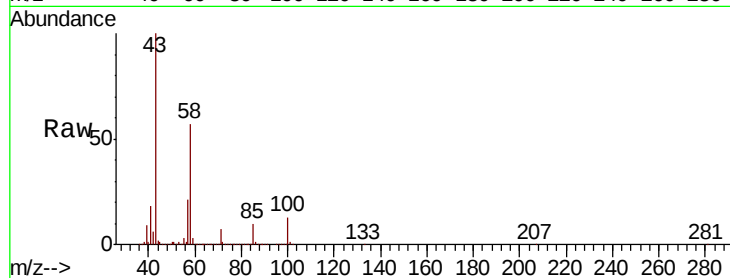




#59
2-Hexanone
Concen: 264.716 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

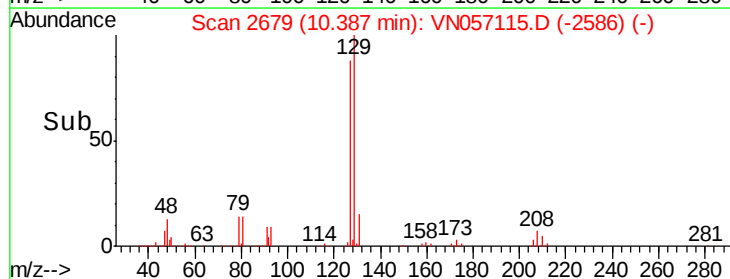
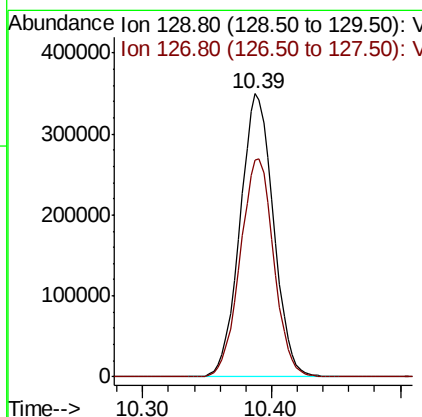
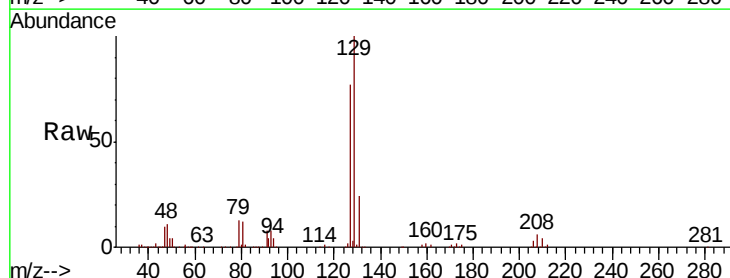
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

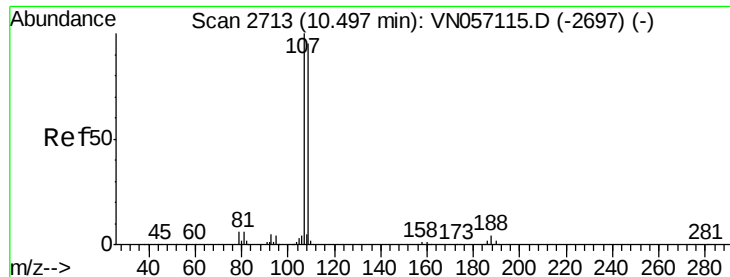
Tgt Ion: 43 Resp: 2157568
Ion Ratio Lower Upper
43 100
58 58.4 29.2 87.6



#60
Dibromochloromethane
Concen: 51.767 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 129 Resp: 630176
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

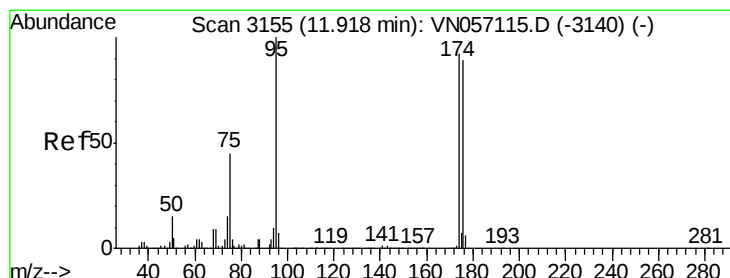
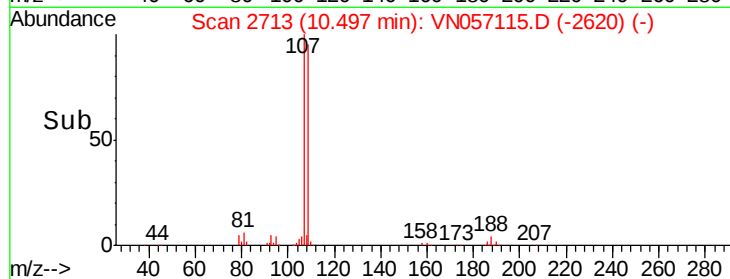
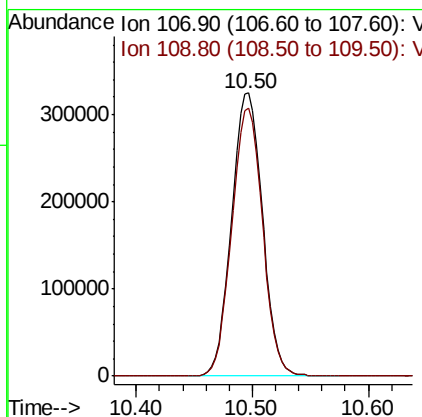
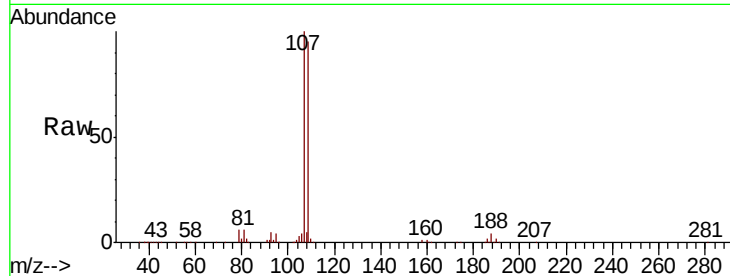




#61
 1,2-Dibromoethane
 Concen: 49.980 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

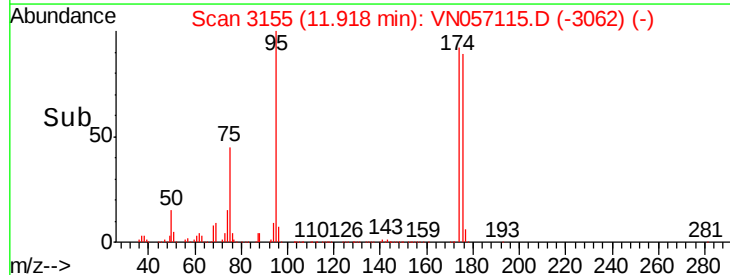
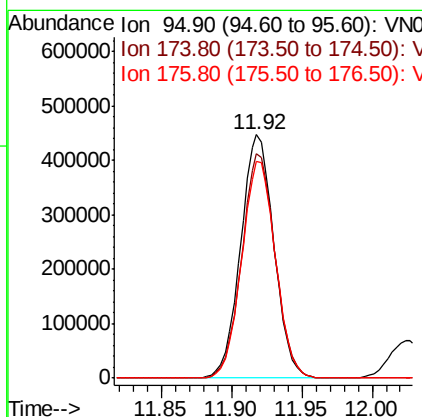
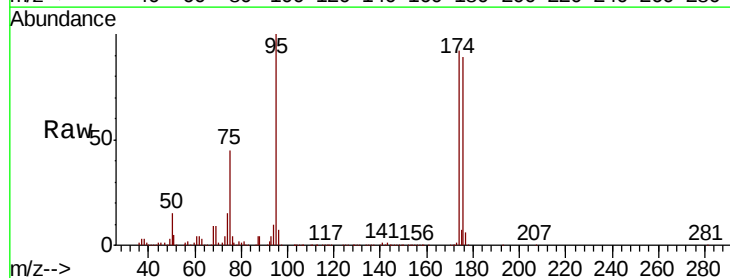
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

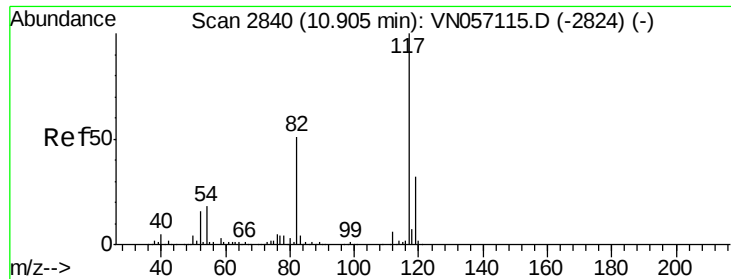
Tgt Ion: 107 Resp: 597239
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.401 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 95 Resp: 739375
 Ion Ratio Lower Upper
 95 100
 174 92.5 0.0 185.0
 176 90.6 0.0 181.2

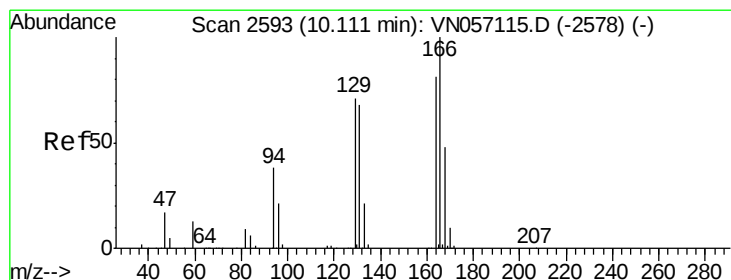
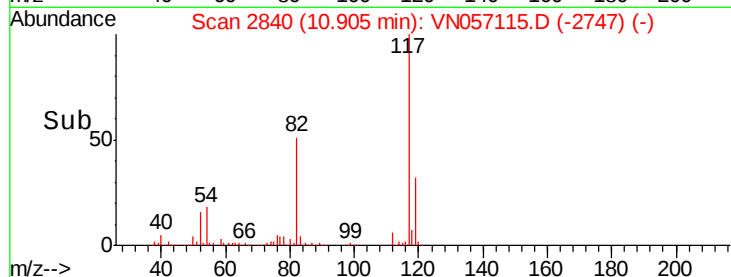
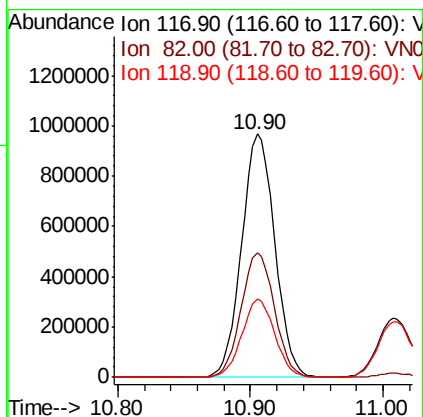
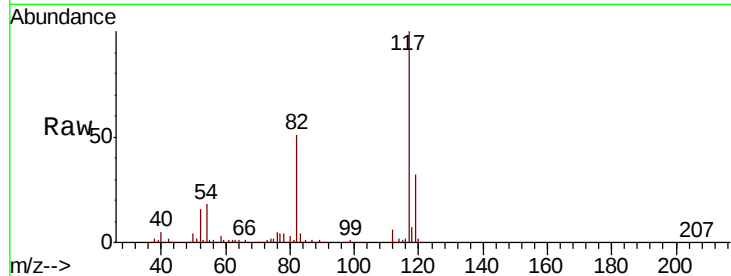




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

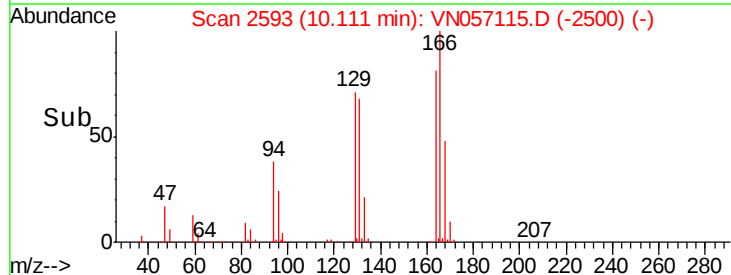
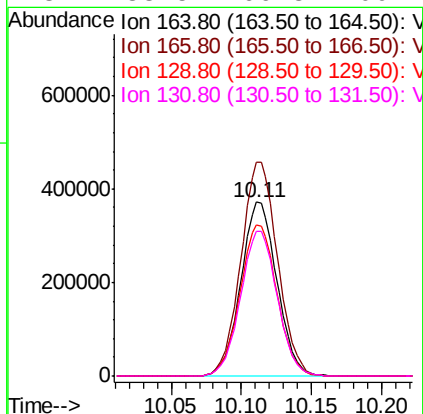
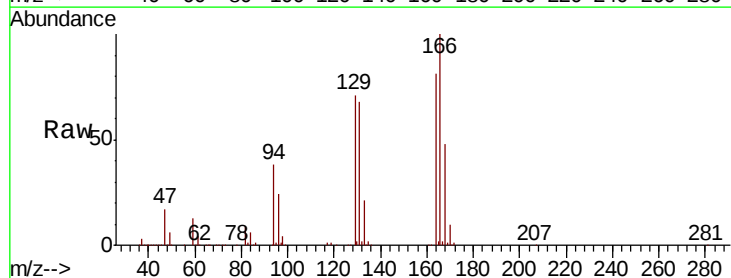
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

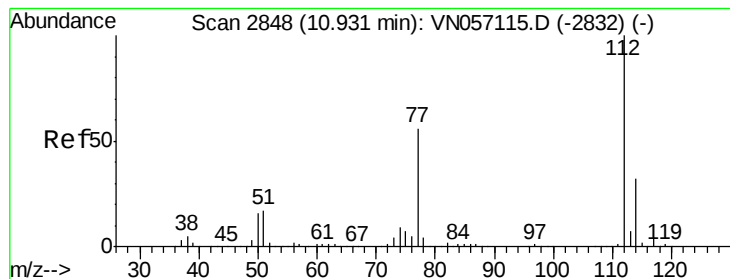
Tgt Ion:117 Resp: 1680305
Ion Ratio Lower Upper
117 100
82 51.0 40.8 61.2
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 47.139 ug/l
RT: 10.11 min Scan# 2593
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion:164 Resp: 666362
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 87.2 69.8 104.6
131 83.5 66.8 100.2





#65

Chlorobenzene

Concen: 47.880 ug/l

RT: 10.93 min Scan# 2848

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

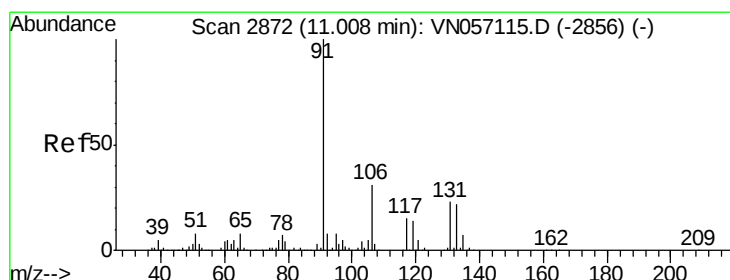
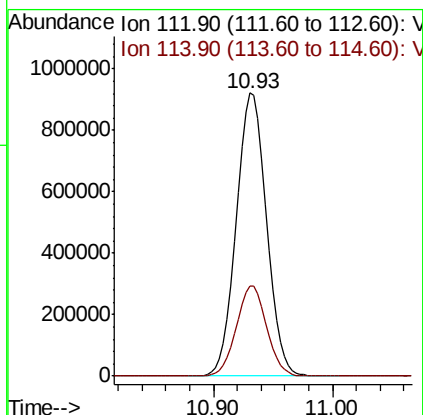
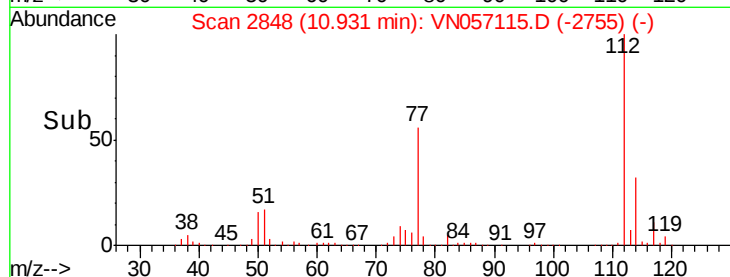
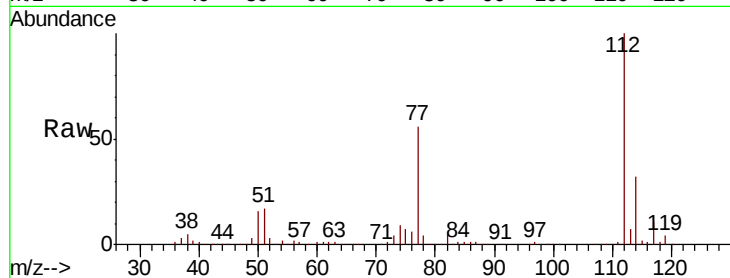
VSTDICCC050

Tgt Ion:112 Resp: 1624249

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 49.078 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

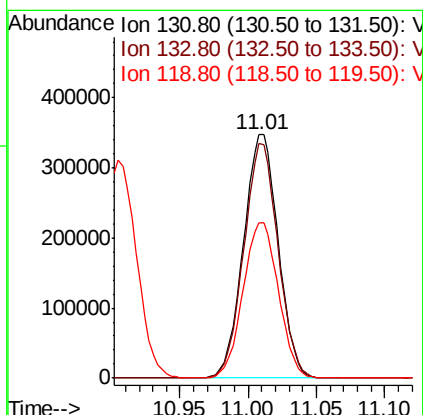
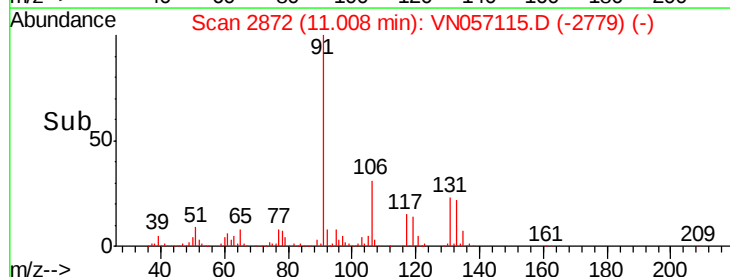
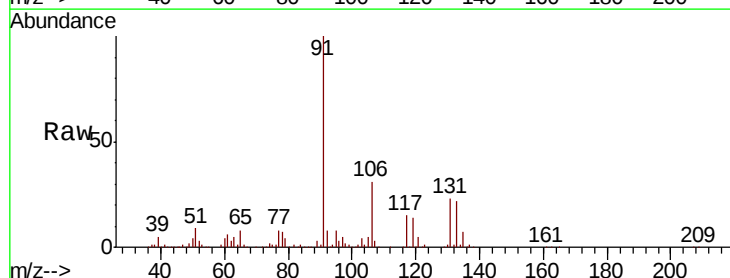
Tgt Ion:131 Resp: 613440

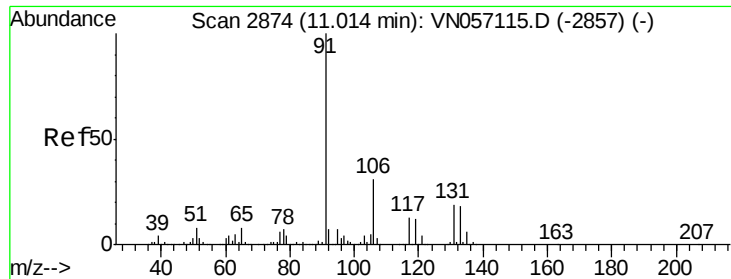
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

119 65.1 32.6 97.7

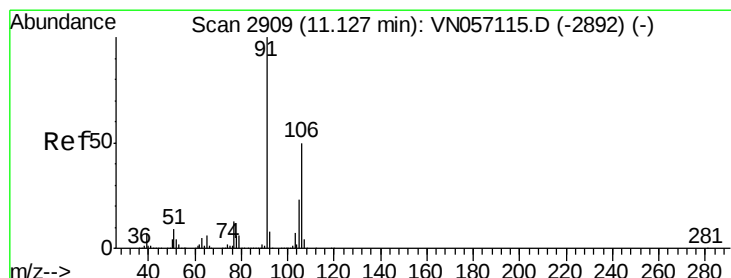
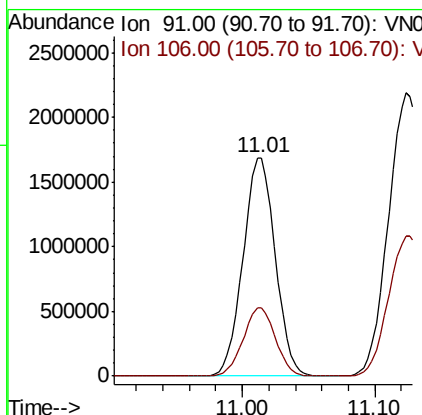
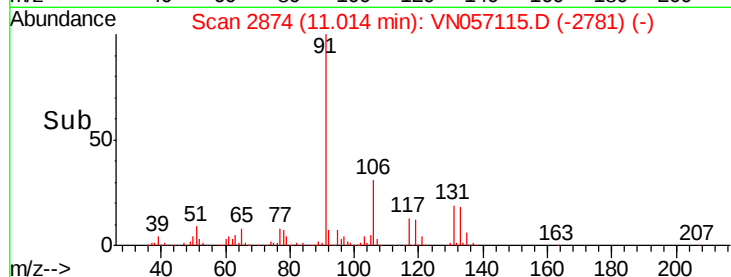
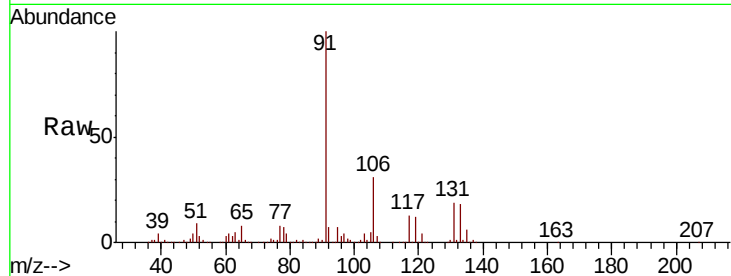




#67
Ethyl Benzene
Concen: 48.643 ug/l
RT: 11.01 min Scan# 2874
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

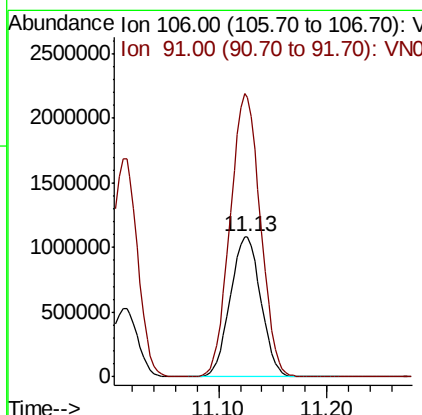
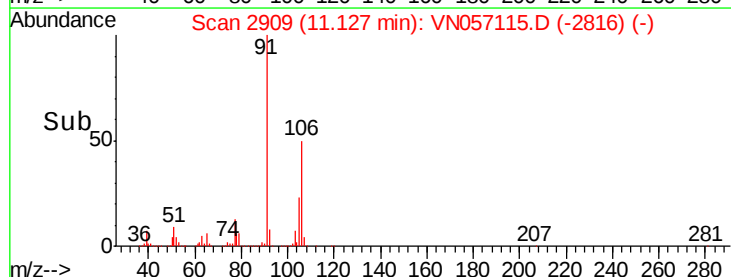
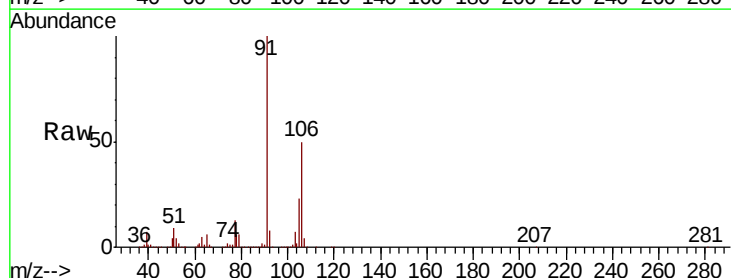
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

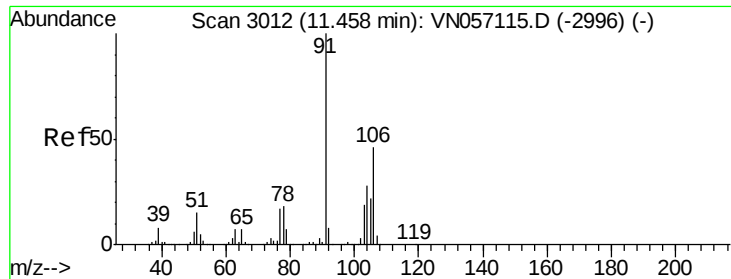
Tgt Ion: 91 Resp: 2840404
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 97.317 ug/l
RT: 11.13 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion: 106 Resp: 2140485
Ion Ratio Lower Upper
106 100
91 199.8 159.8 239.8

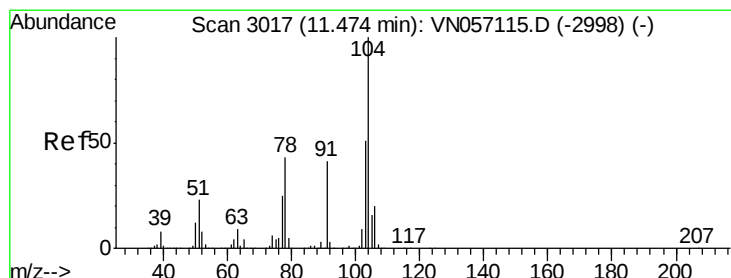
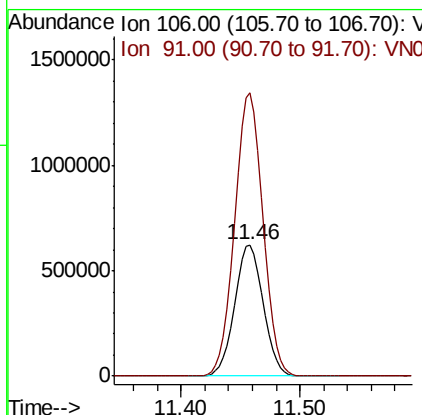
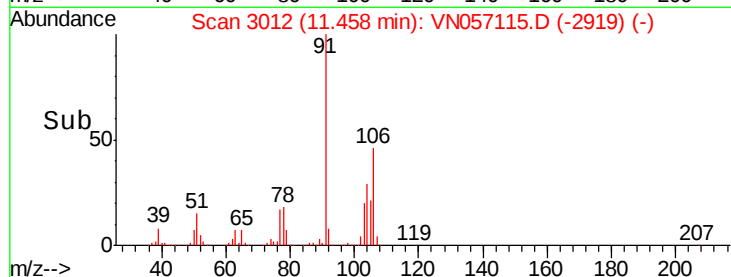
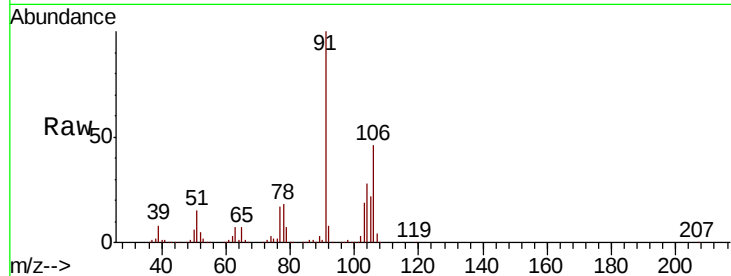




#69
o-Xylene
Concen: 47.914 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

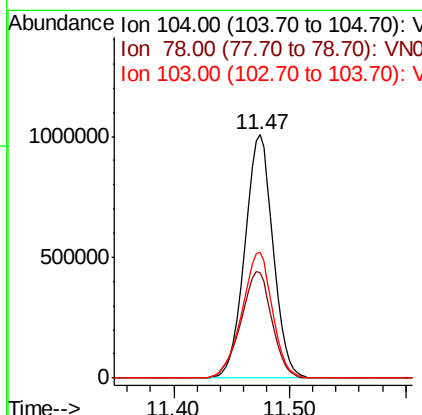
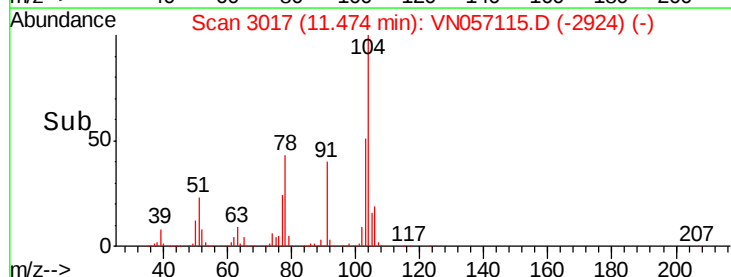
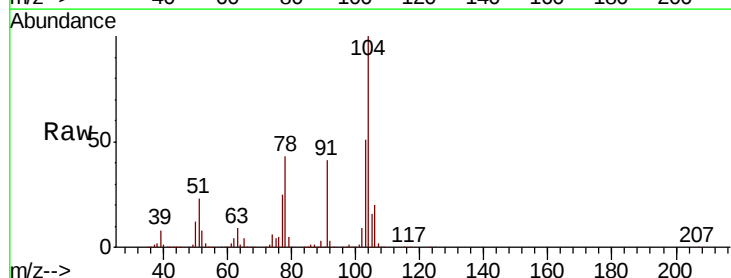
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

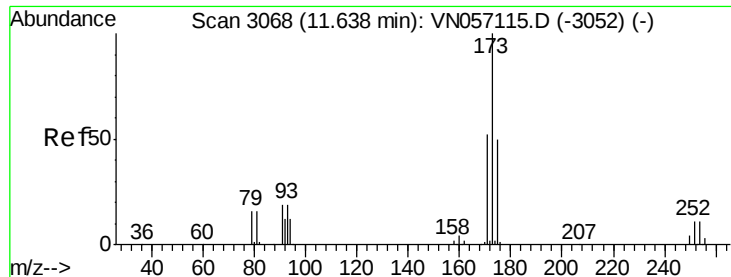
Tgt Ion:106 Resp: 1035315
Ion Ratio Lower Upper
106 100
91 213.7 106.8 320.5



#70
Styrene
Concen: 49.679 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. 0.00 min
Lab File: VN057115.D
Acq: 7 Aug 2019 20:08

Tgt Ion:104 Resp: 1711822
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.7 44.6 66.8





#71

Bromoform

Concen: 52.767 ug/l

RT: 11.64 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

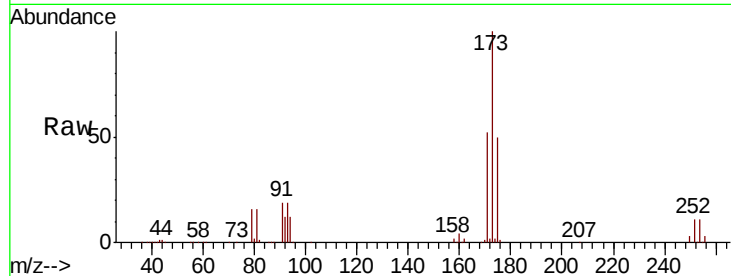
Tgt Ion:173 Resp: 465873

Ion Ratio Lower Upper

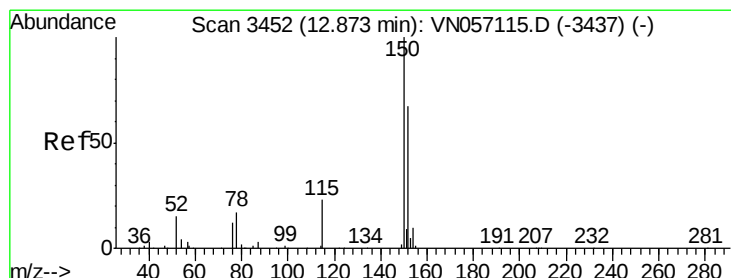
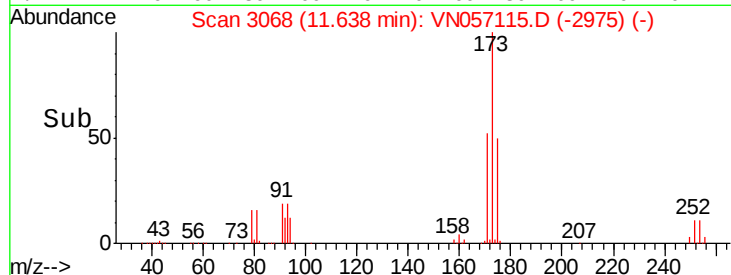
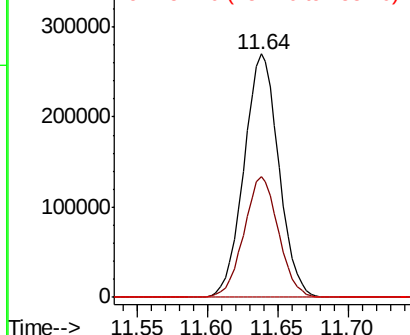
173 100

175 49.2 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: VN057115.D

Acq: 7 Aug 2019 20:08

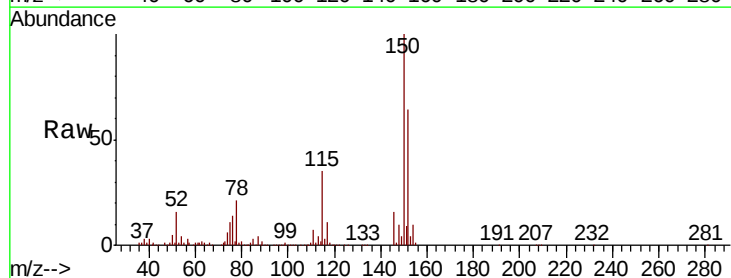
Tgt Ion:152 Resp: 685607

Ion Ratio Lower Upper

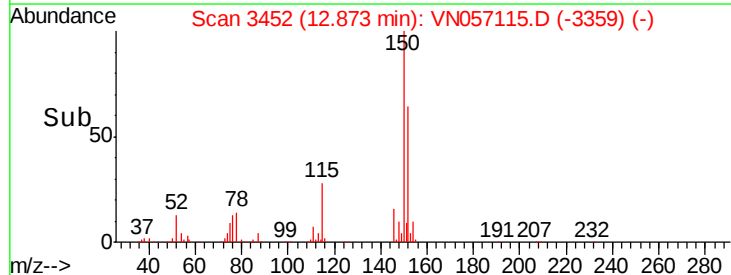
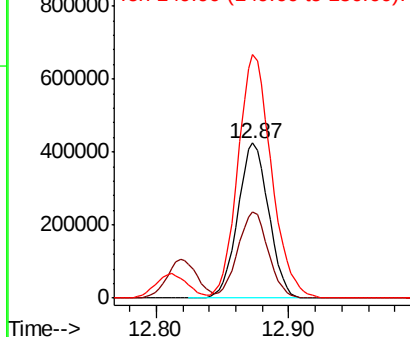
152 100

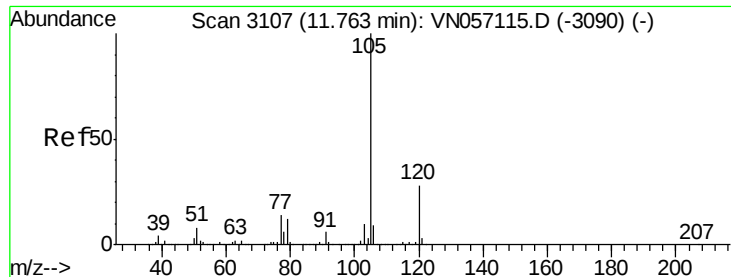
115 55.0 27.5 82.5

150 170.8 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: 50.160 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

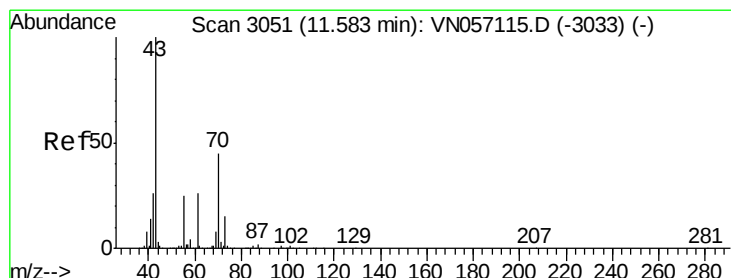
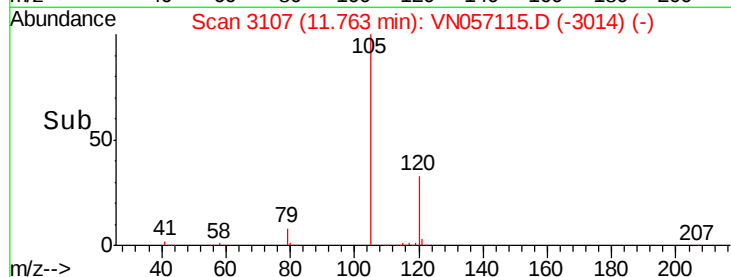
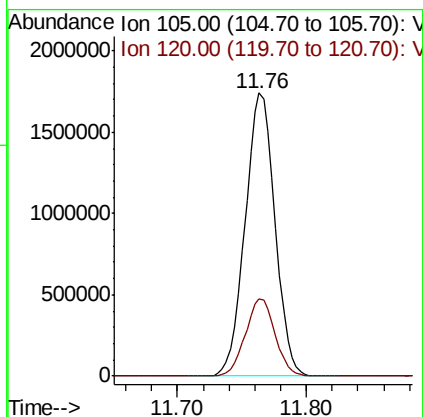
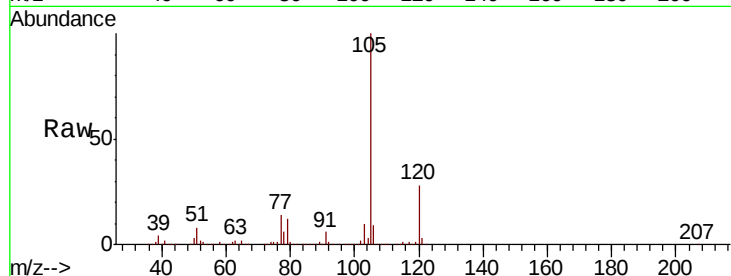
VSTDICCC050

Tgt Ion:105 Resp: 2793744

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 49.829 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Tgt Ion: 43 Resp: 814478

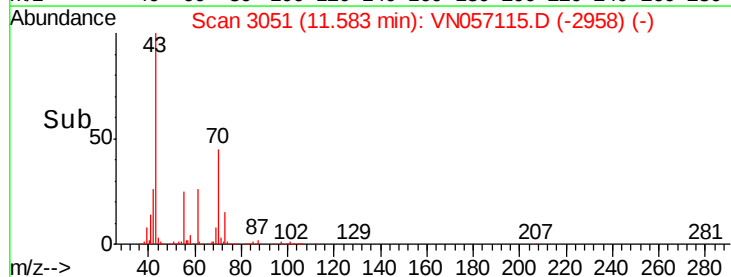
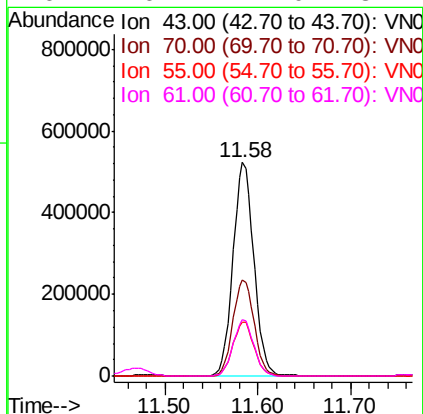
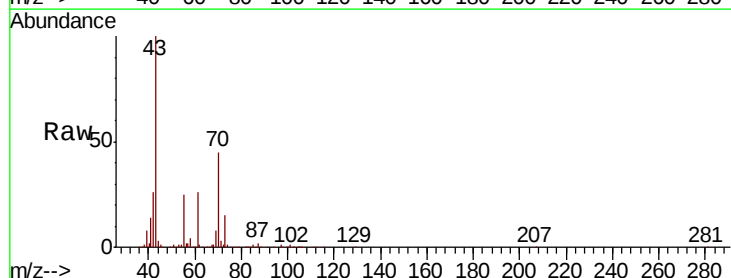
Ion Ratio Lower Upper

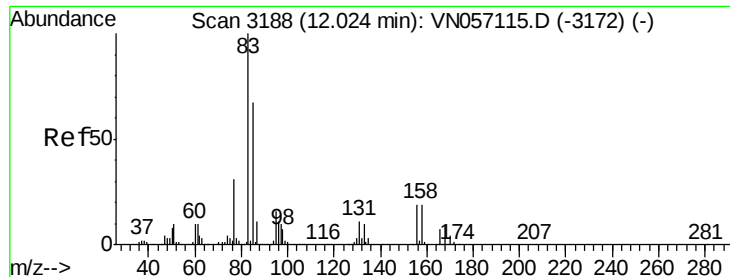
43 100

70 46.0 36.8 55.2

55 25.8 20.6 31.0

61 26.2 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.135 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

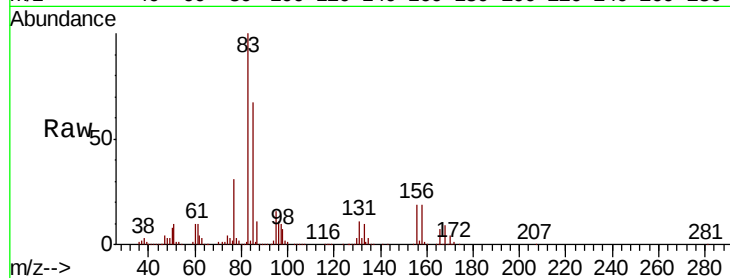
MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 769783

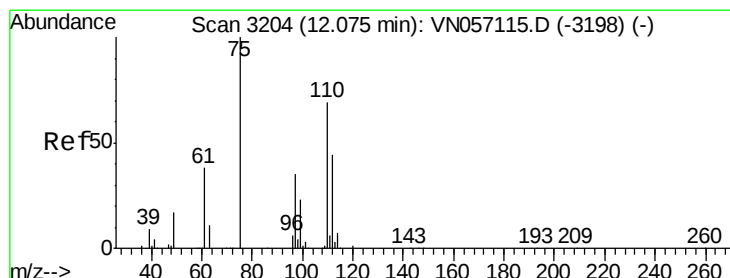
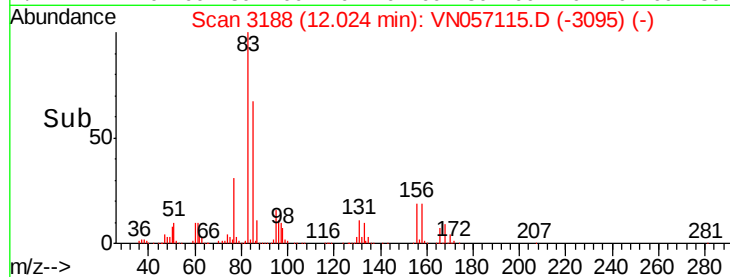
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.7	32.4	97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 71.760 ug/l

RT: 12.08 min Scan# 3204

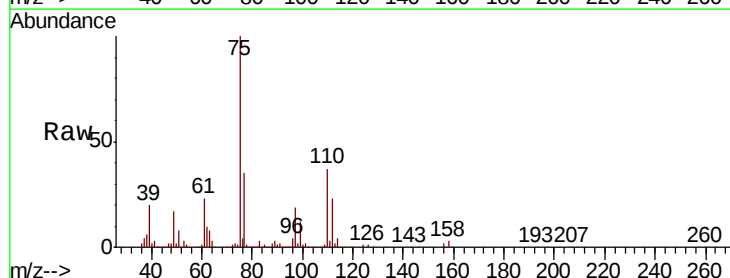
Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

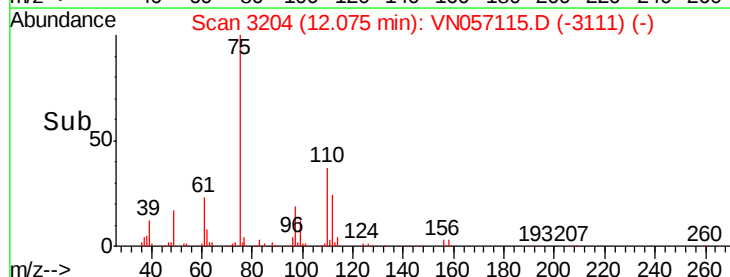
Tgt Ion: 75 Resp: 928819

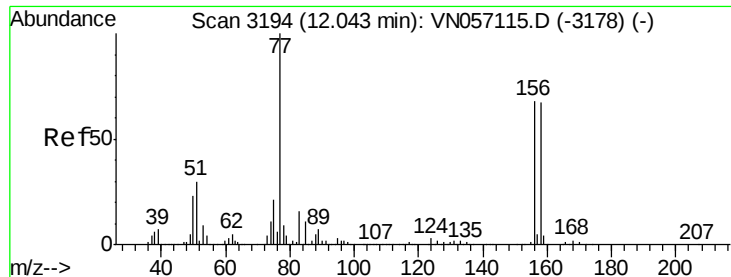
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.811 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

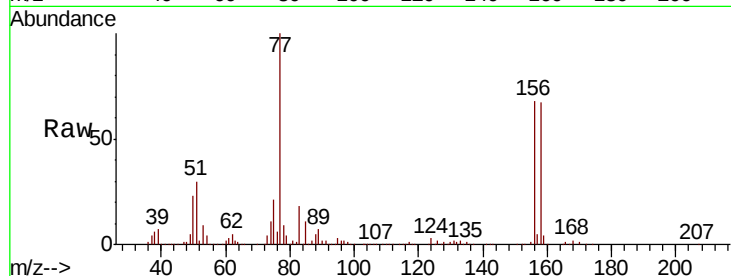
Tgt Ion:156 Resp: 723983

Ion Ratio Lower Upper

156 100

77 177.4 88.7 266.1

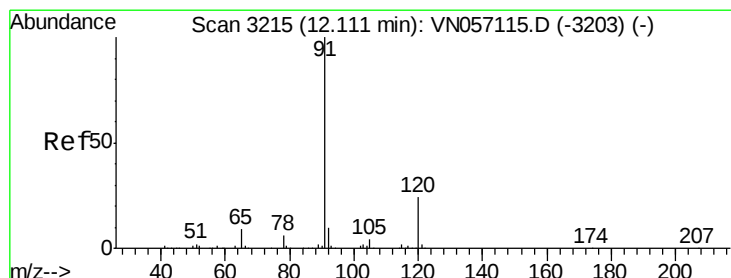
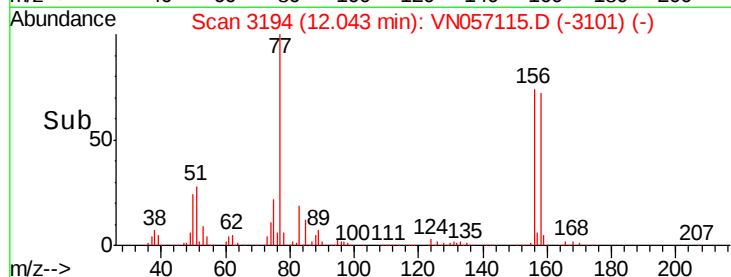
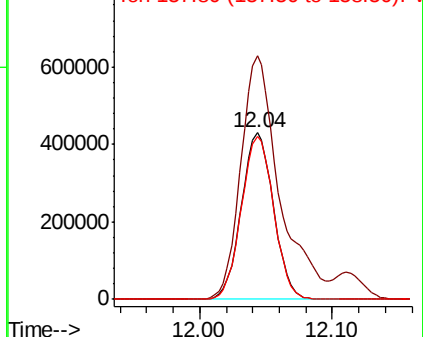
158 98.5 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.290 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VN057115.D

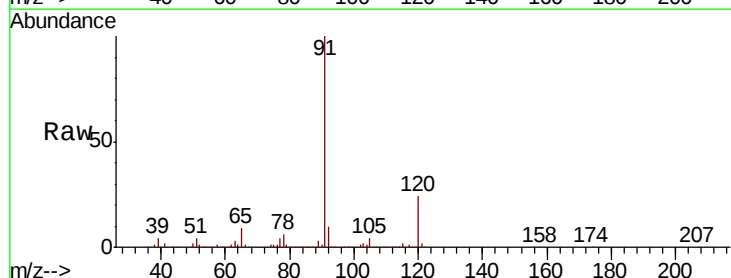
Acq: 7 Aug 2019 20:08

Tgt Ion: 91 Resp: 2986801

Ion Ratio Lower Upper

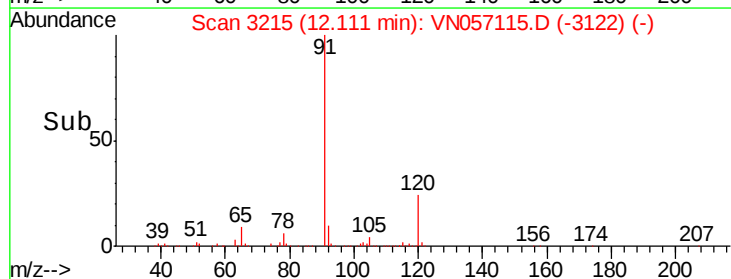
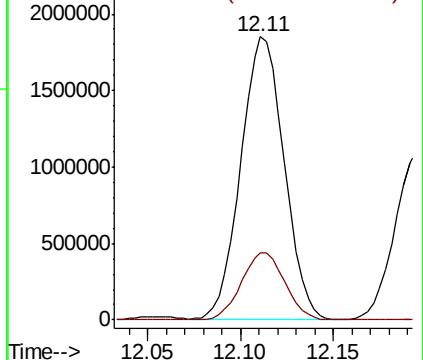
91 100

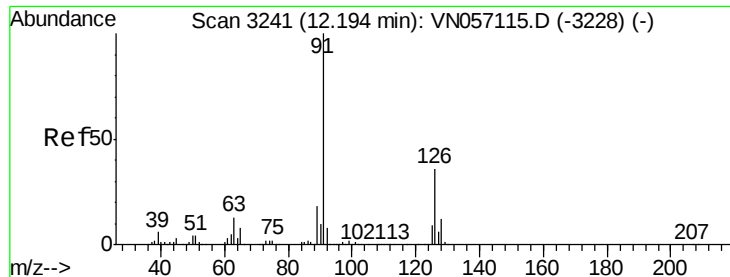
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

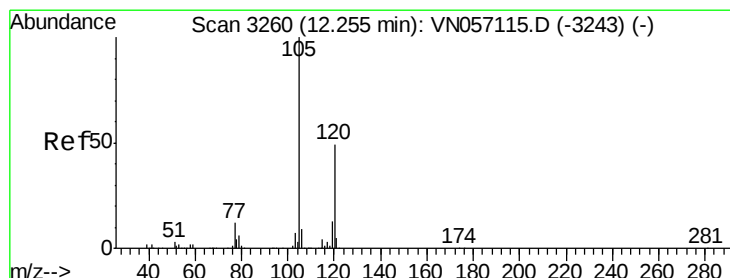
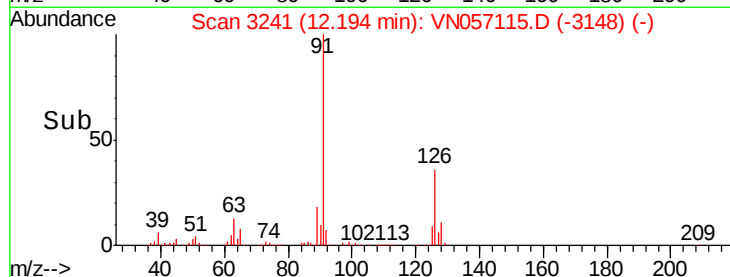
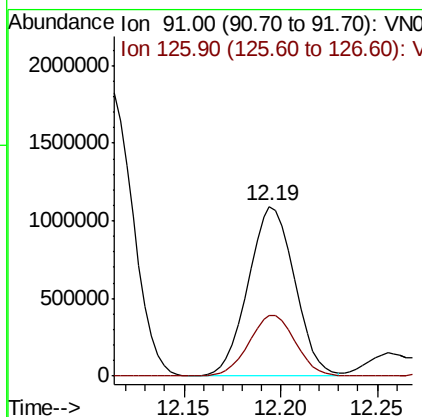
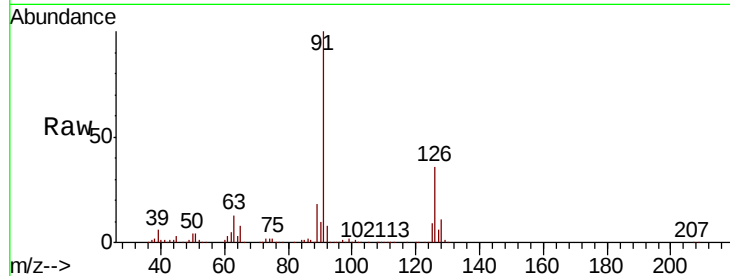




#79
 2-Chlorotoluene
 Concen: 49.576 ug/l
 RT: 12.19 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

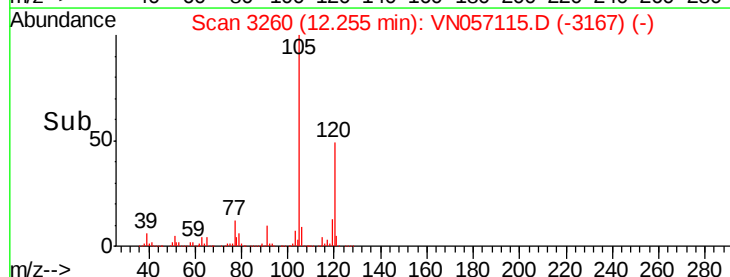
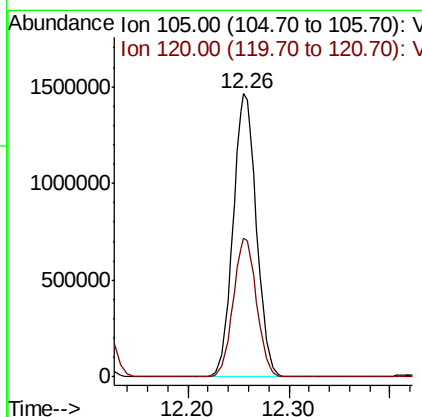
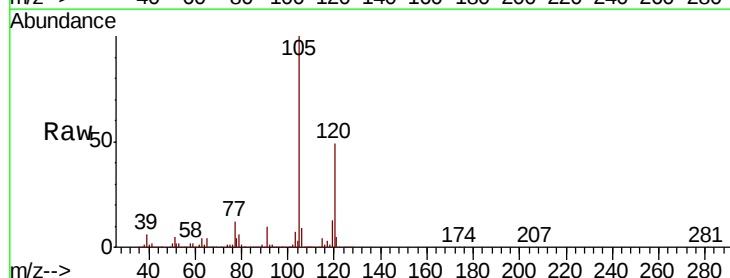
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

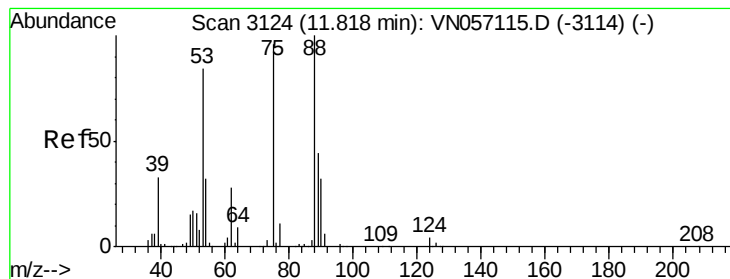
Tgt Ion: 91 Resp: 1811777
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.258 ug/l
 RT: 12.26 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion: 105 Resp: 2337923
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.317 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

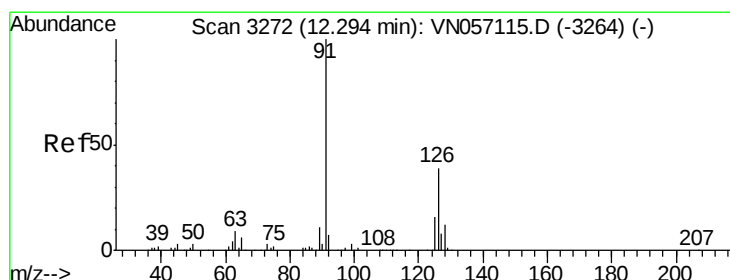
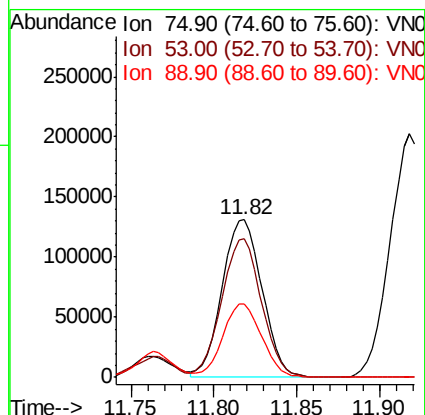
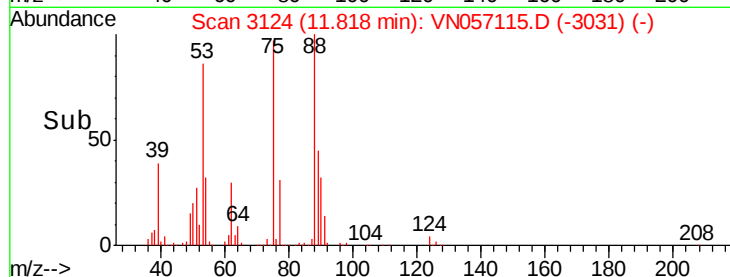
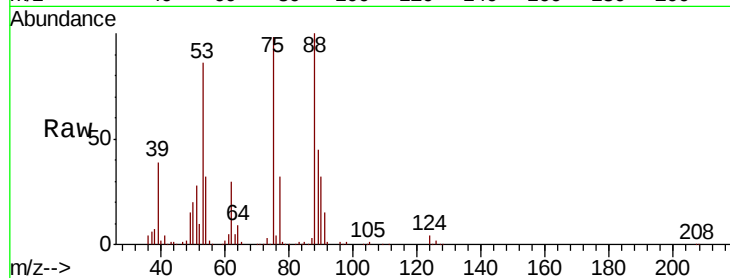
Tgt Ion: 75 Resp: 218753

Ion Ratio Lower Upper

75 100

53 88.3 70.6 106.0

89 45.5 36.4 54.6



#82

4-Chlorotoluene

Concen: 50.218 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN057115.D

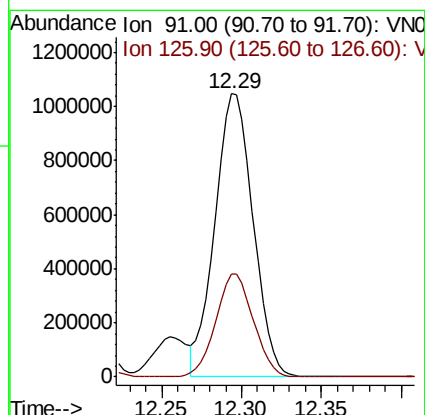
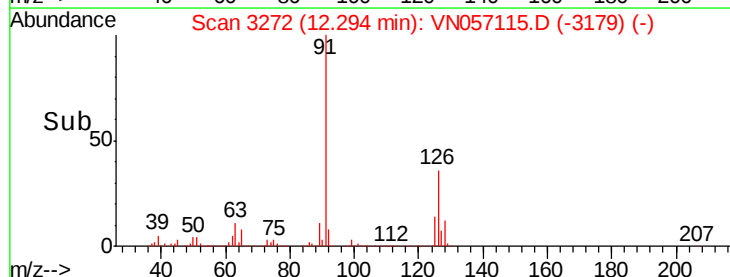
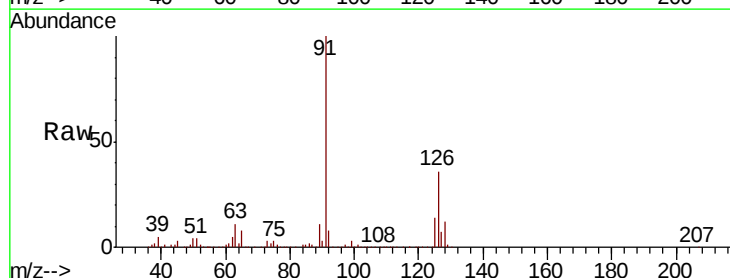
Acq: 7 Aug 2019 20:08

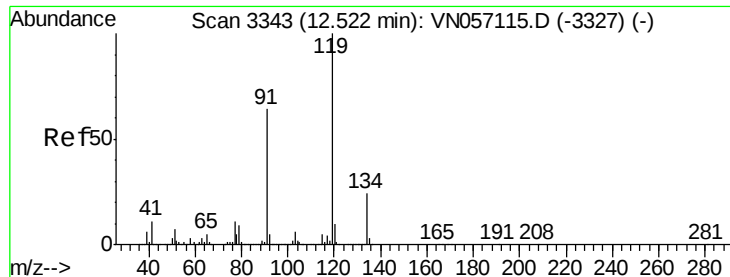
Tgt Ion: 91 Resp: 1721028

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7

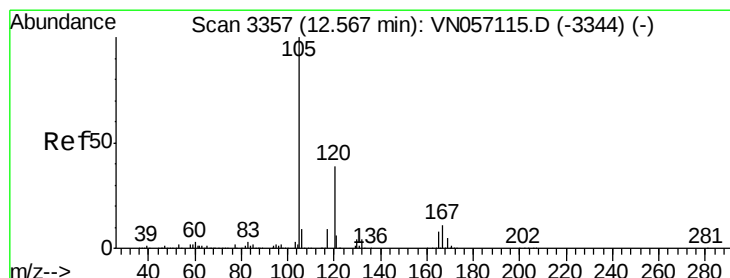
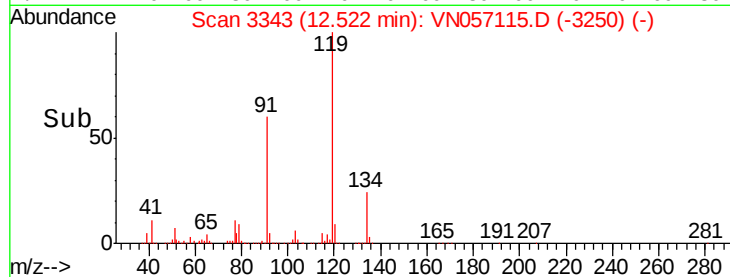
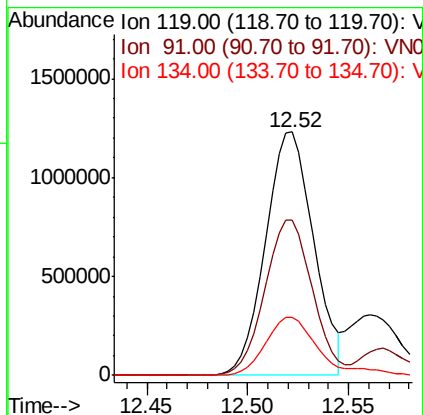
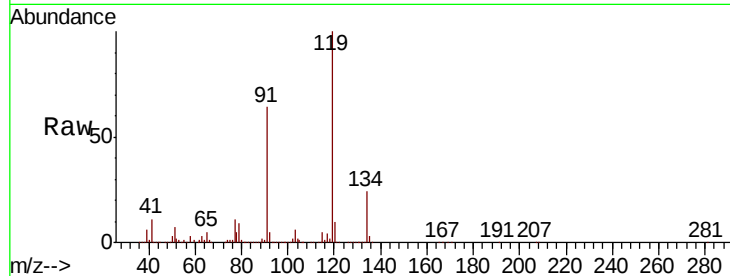




#83
 tert-Butylbenzene
 Concen: 49.564 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

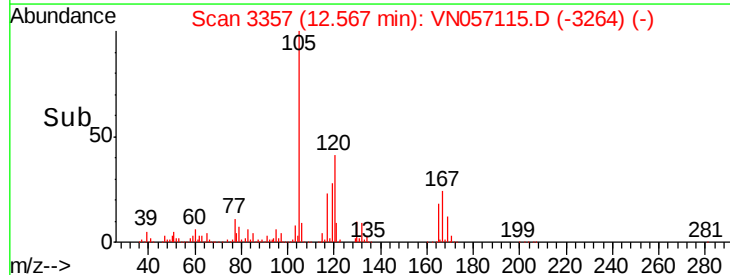
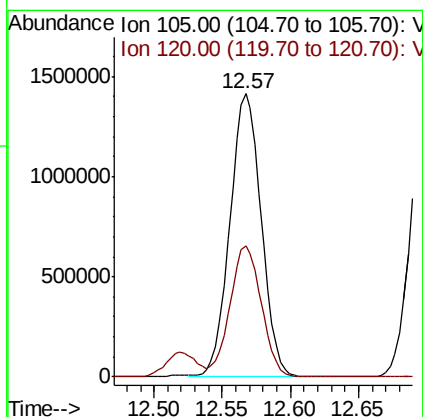
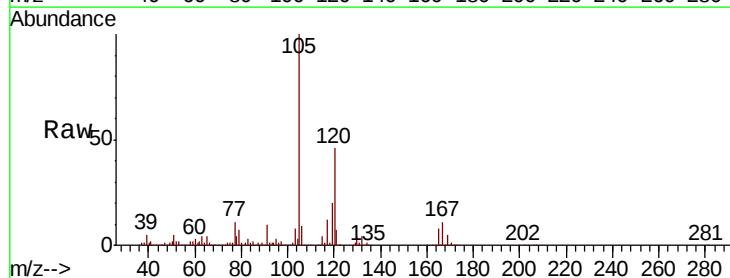
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

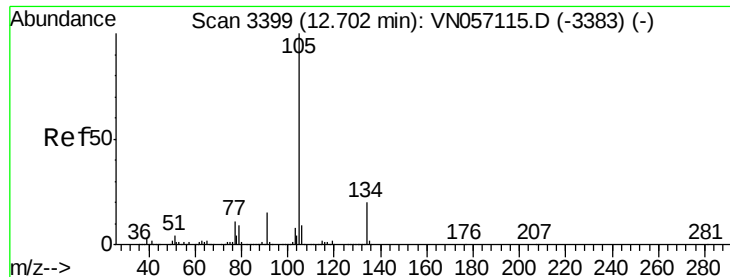
Tgt Ion:119 Resp: 2037779
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.4 94.2
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.536 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion:105 Resp: 2247643
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8

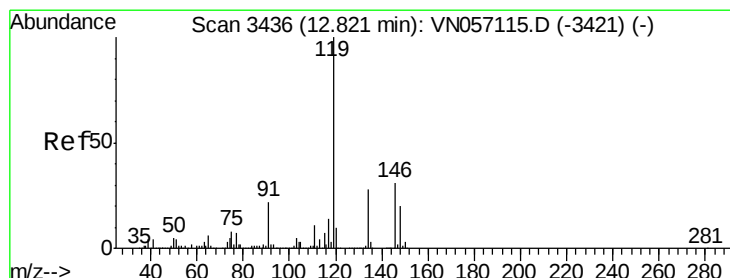
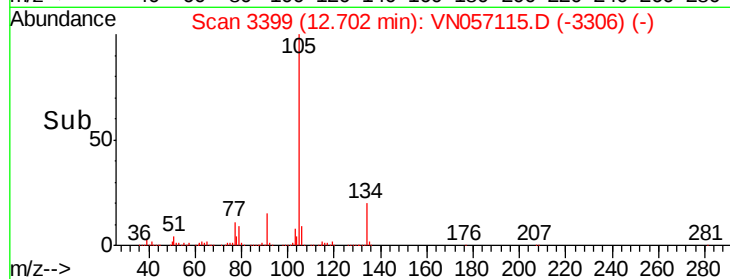
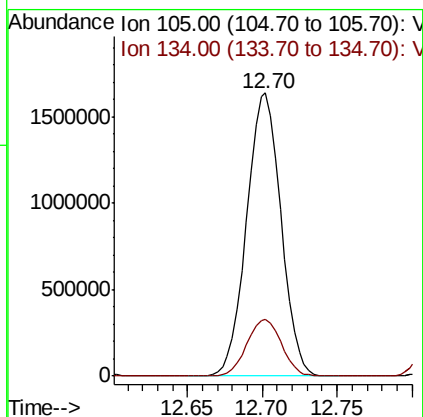
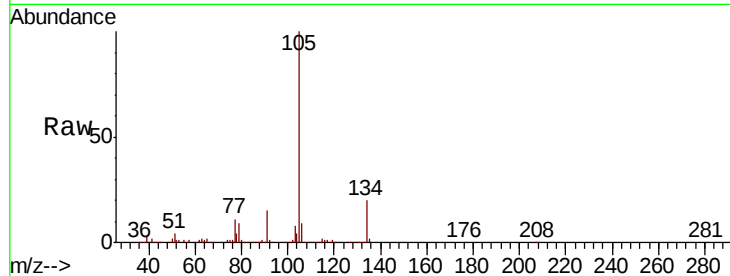




#85
 sec-Butylbenzene
 Concen: 51.530 ug/l
 RT: 12.70 min Scan# 3399
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

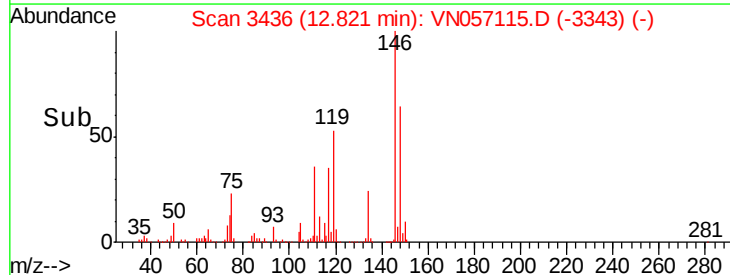
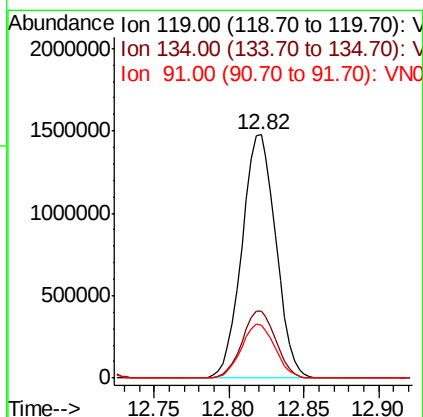
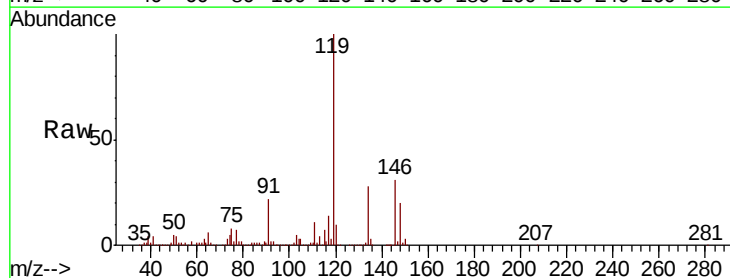
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

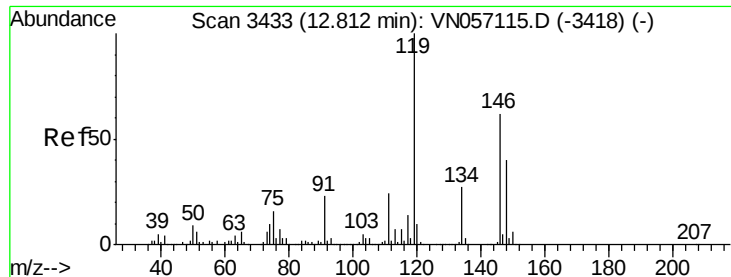
Tgt Ion:105 Resp: 2615255
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.939 ug/l
 RT: 12.82 min Scan# 3436
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion:119 Resp: 2329805
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 22.0 11.0 33.0

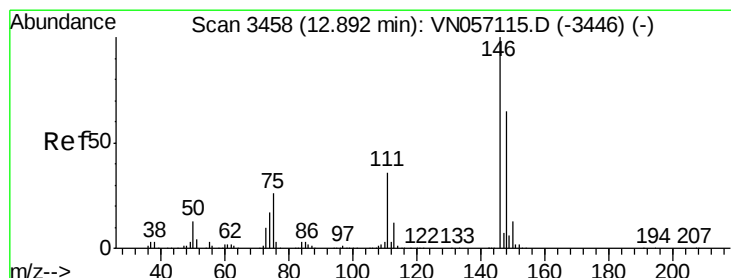
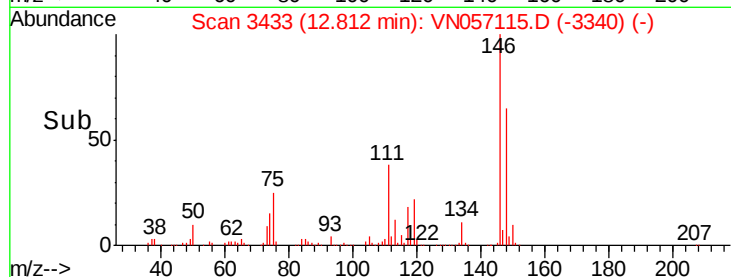
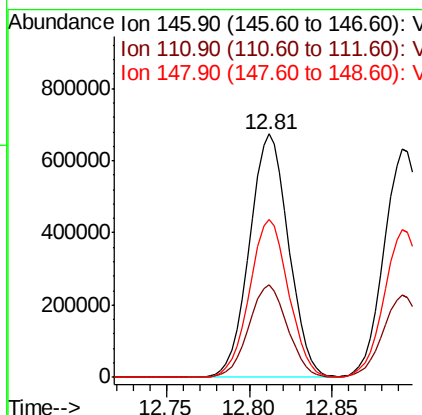
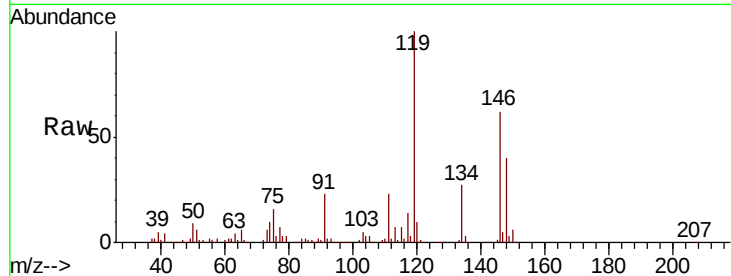




#87
 1,3-Dichlorobenzene
 Concen: 48.164 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

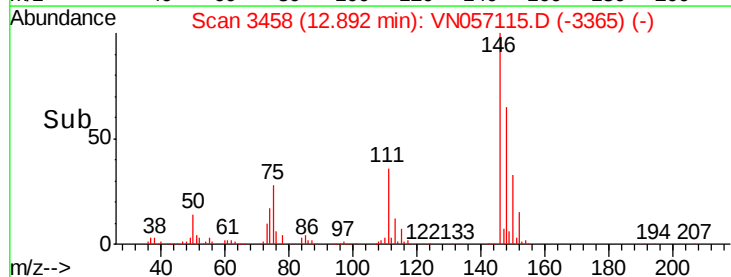
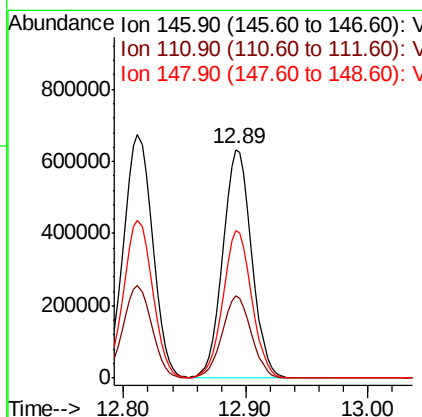
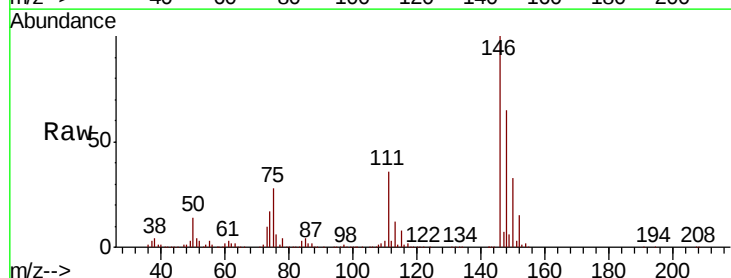
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

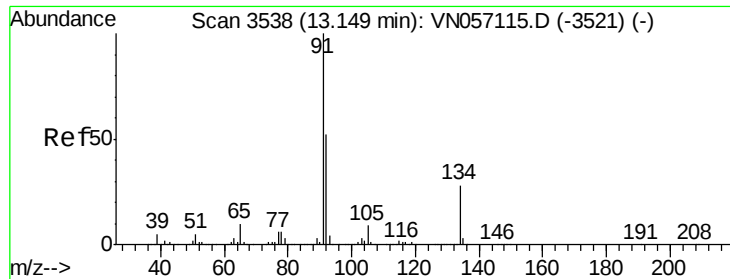
Tgt Ion:146 Resp: 1103239
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 47.653 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion:146 Resp: 1049722
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.2 54.6
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 50.152 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

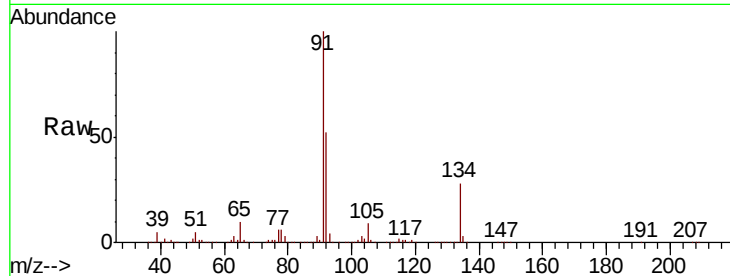
Tgt Ion: 91 Resp: 1719380

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.4

134 28.2 14.1 42.3

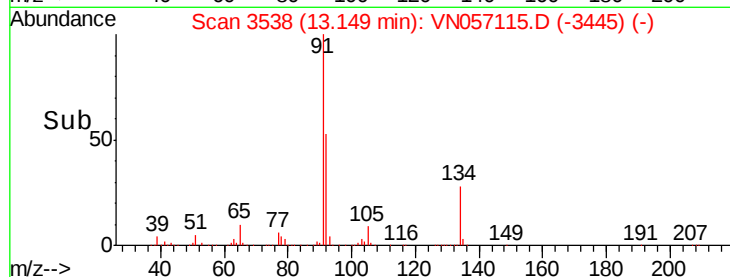


Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3521) (-)

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

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

Time-->

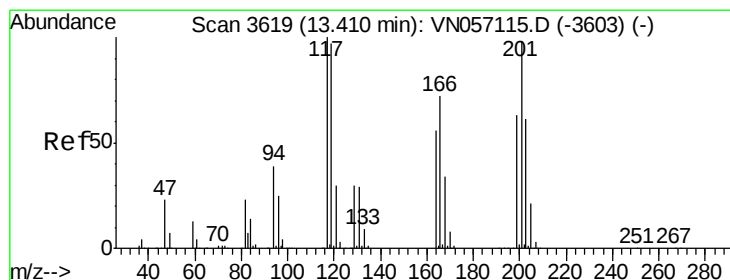


Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3445) (-)

Ion 92.00 (91.70 to 92.70): VN057115.D (-3445) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3445) (-)

Time-->



#90

Hexachloroethane

Concen: 51.690 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057115.D

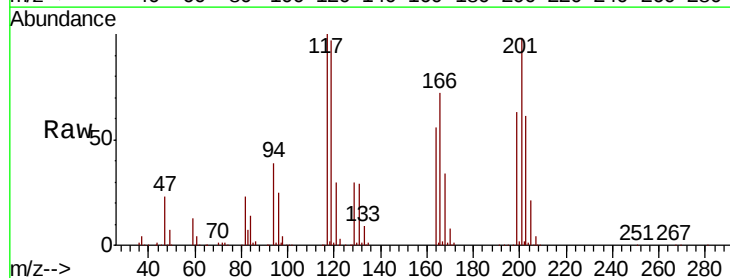
Acq: 7 Aug 2019 20:08

Tgt Ion: 117 Resp: 401762

Ion Ratio Lower Upper

117 100

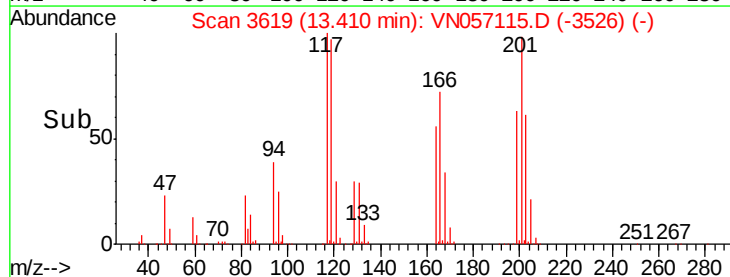
201 98.5 49.3 147.8



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

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

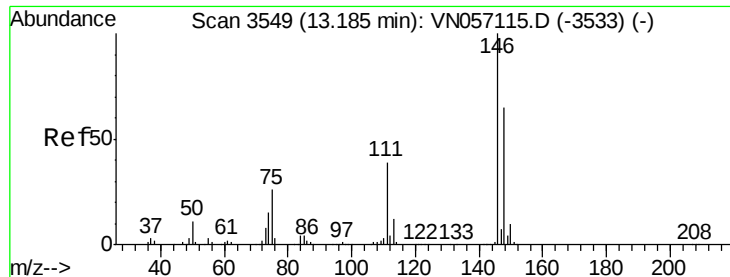
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-3526) (-)

Ion 200.70 (200.40 to 201.40): VN057115.D (-3526) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 47.566 ug/l

RT: 13.18 min Scan# 3549

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

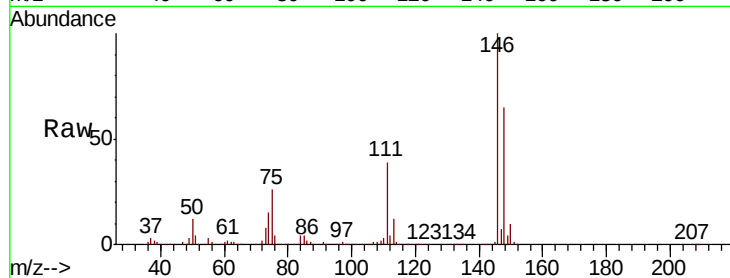
Tgt Ion:146 Resp: 1081791

Ion Ratio Lower Upper

146 100

111 38.4 19.2 57.6

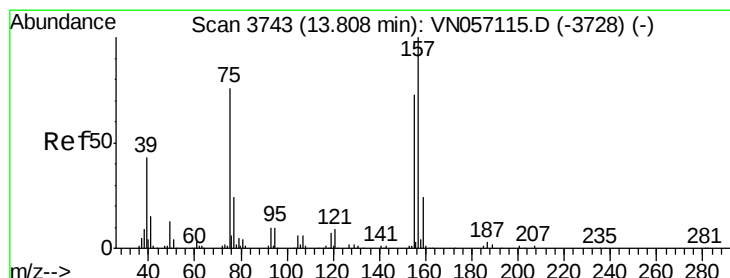
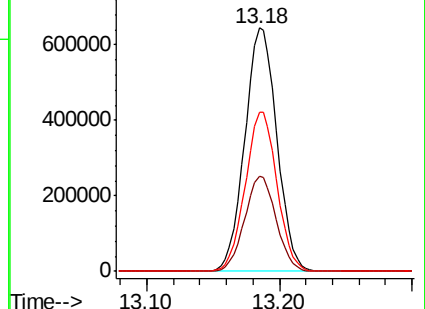
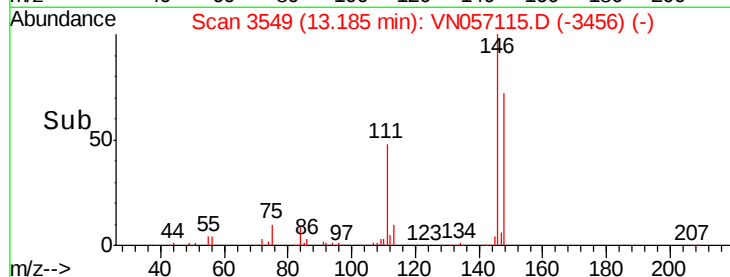
148 64.7 32.4 97.0



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: 48.904 ug/l

RT: 13.81 min Scan# 3743

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

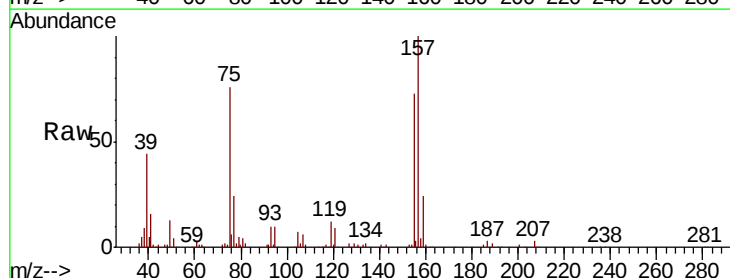
Tgt Ion: 75 Resp: 108802

Ion Ratio Lower Upper

75 100

155 98.6 49.3 147.9

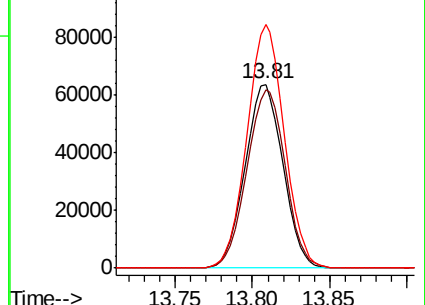
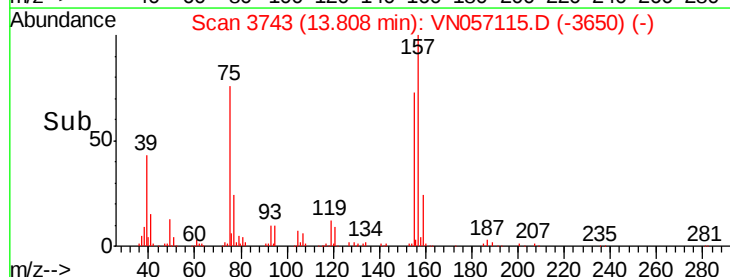
157 130.5 65.3 195.8

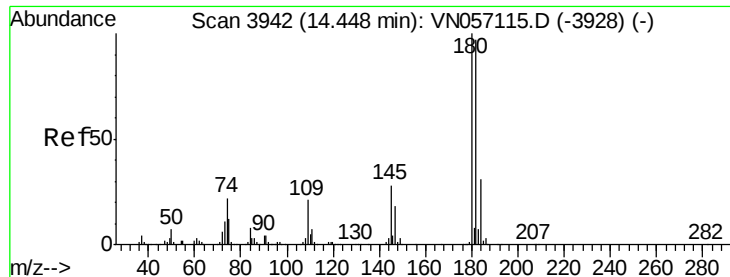


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

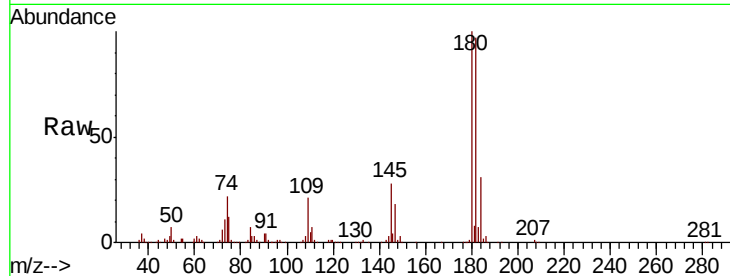




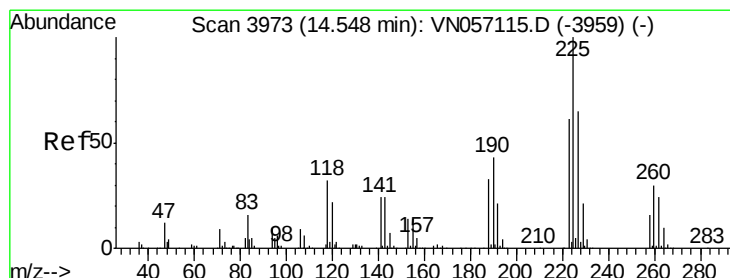
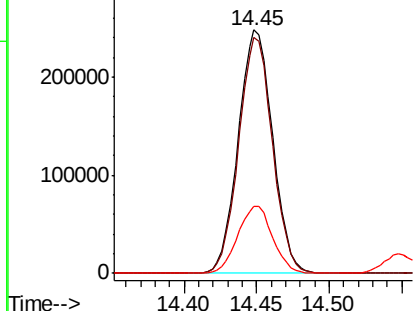
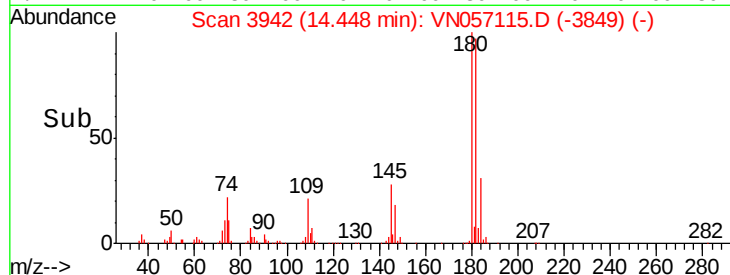
#93
 1,2,4-Trichlorobenzene
 Concen: 39.922 ug/l
 RT: 14.45 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 408161
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.5 142.6
 145 28.1 14.1 42.2

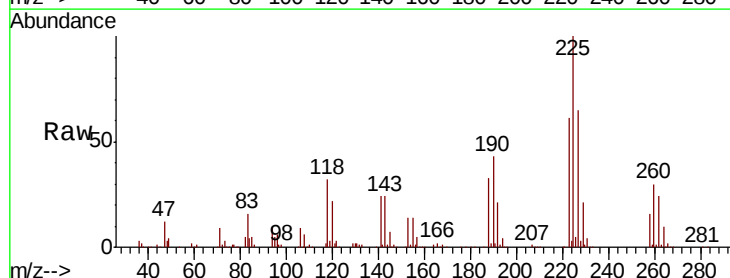


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

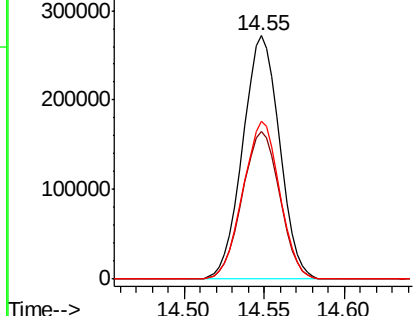
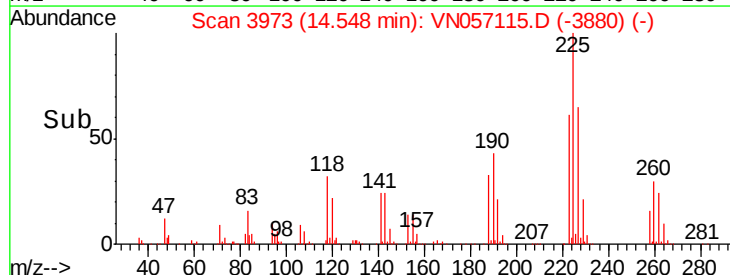


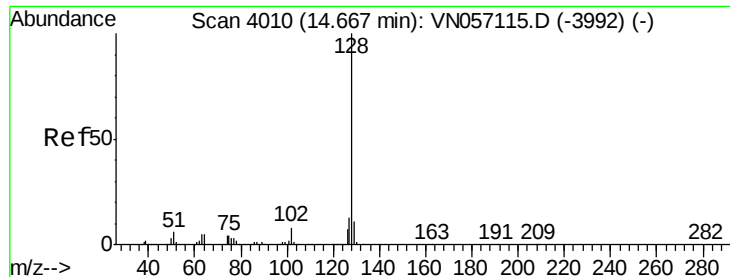
#94
 Hexachlorobutadiene
 Concen: 47.050 ug/l
 RT: 14.55 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VN057115.D
 Acq: 7 Aug 2019 20:08

Tgt Ion:225 Resp: 427873
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.8
 227 64.7 32.4 97.0



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





#95

Naphthalene

Concen: 43.376 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

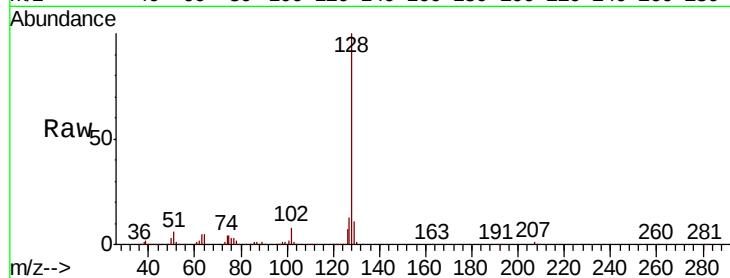
Tgt Ion:128 Resp: 902605

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

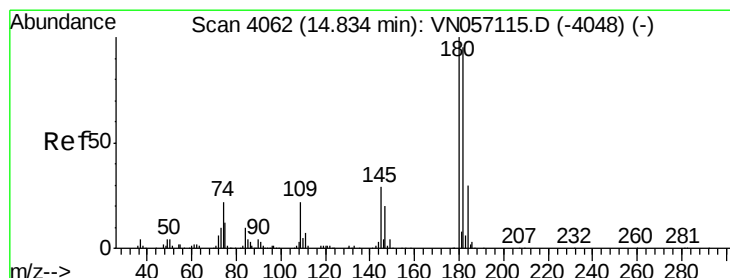
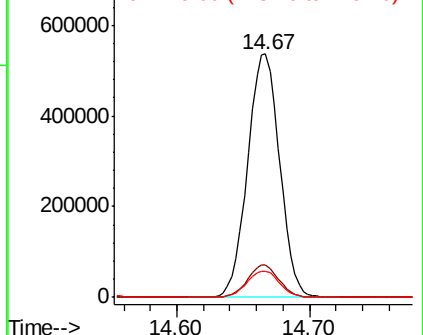
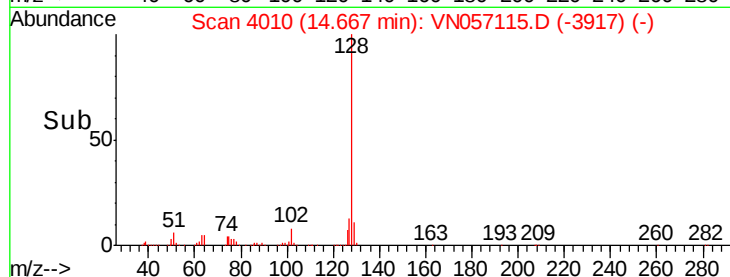
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 38.857 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VN057115.D

Acq: 7 Aug 2019 20:08

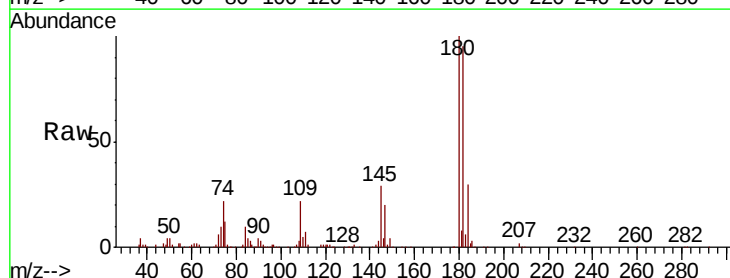
Tgt Ion:180 Resp: 406869

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

145 29.7 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

