

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092419\
 Data File : VN058337.D
 Acq On : 24 Sep 2019 10:30
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Sep 25 01:18:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:14:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	87079	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	516555	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	459778	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	234048	30.60	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.00%
60) 4-Bromofluorobenzene	12.41	95	234558	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	10.09	98	657600	29.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	108002	20.355	ug/l 100
3) Chloromethane	2.04	50	119497	18.514	ug/l 100
4) Vinyl Chloride	2.17	62	122182	18.583	ug/l 100
5) Bromomethane	2.55	94	61375	15.612	ug/l 100
6) Chloroethane	2.69	64	73013	18.027	ug/l 100
7) Trichlorofluoromethane	3.00	101	146779	19.642	ug/l 100
8) Diethyl Ether	3.39	74	62212	19.866	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	97278	20.050	ug/l 100
10) 1,1-Dichloroethene	3.72	96	95404	20.469	ug/l 100
11) Methyl Iodide	3.93	142	86936	14.898	ug/l 100
12) Methyl Acetate	4.30	43	121484	19.384	ug/l 100
13) Acrolein	3.59	56	18431	57.883	ug/l 100
14) Acrylonitrile	4.96	53	257268	99.667	ug/l 100
15) Acetone	3.80	58	76770	105.363	ug/l 100
16) Carbon Disulfide	4.03	76	246196	22.015	ug/l 100
17) Allyl chloride	4.30	41	175093	20.404	ug/l 100
18) Methylene Chloride	4.53	84	112807	19.447	ug/l 100
19) trans-1,2-Dichloroethene	5.01	96	106189	20.447	ug/l 100
20) Diisopropyl ether	5.93	45	370963	18.918	ug/l 100
21) 1,1-Dichloroethane	5.83	63	209747	19.402	ug/l 100
22) cis-1,2-Dichloroethene	6.81	96	123135	19.580	ug/l 100
23) tert-Butyl Alcohol	4.76	59	93395	108.974	ug/l 100
24) Methyl tert-Butyl Ether	5.02	73	338591	19.279	ug/l 100
25) Chloroform	7.36	83	210945	19.147	ug/l 100
26) Cyclohexane	7.64	56	194940	20.907	ug/l # 100
29) 1,1-Dichloropropene	7.78	75	164237	19.927	ug/l 100
30) 2-Butanone	6.82	43	373871	100.977	ug/l 100
31) 2,2-Dichloropropane	6.81	77	167214	19.235	ug/l 100
32) 1,1,1-Trichloroethane	7.55	97	176607	19.230	ug/l 100
33) Carbon Tetrachloride	7.76	117	148930	19.604	ug/l 100
34) Benzene	8.03	78	471014	19.441	ug/l 100
36) 1,2-Dichloroethane	8.11	62	181833	19.357	ug/l 100
37) Trichloroethene	8.82	130	116696	19.715	ug/l 100
38) Methylcyclohexane	9.07	83	193400	20.414	ug/l 100
39) 1,2-Dichloropropane	9.11	63	126137	18.673	ug/l 100
40) Dibromomethane	9.20	93	80144	19.393	ug/l 100
41) Bromodichloromethane	9.39	83	154454	18.528	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092419\
 Data File : VN058337.D
 Acq On : 24 Sep 2019 10:30
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC020

Quant Time: Sep 25 01:18:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:14:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.87	43	1538335	103.630	ug/l	100
43) Ethyl Acetate	6.91	43	145765	19.460	ug/l	100
44) Isopropyl Acetate	8.15	43	262769	19.772	ug/l	100
45) 1,4-Dioxane	9.19	88	45547	428.568	ug/l	100
46) Methyl methacrylate	9.19	41	121155	18.855	ug/l	100
47) n-amyl Acetate	12.07	43	218346	18.132	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	162988	18.263	ug/l	100
49) cis-1,3-Dichloropropene	9.83	75	188661	18.807	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	111968	18.788	ug/l	100
51) Ethyl methacrylate	10.43	69	170311	18.329	ug/l	100
52) 1,3-Dichloropropane	10.71	76	200306	19.121	ug/l	100
53) Dibromochloromethane	10.90	129	106089	17.826	ug/l	100
54) 1,2-Dibromoethane	11.00	107	112187	18.794	ug/l	100
55) 2-Chloroethyl vinyl ether	9.69	63	367827	86.146	ug/l	100
56) Bromoform	12.13	173	63115	17.128	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	764726	106.354	ug/l	100
59) 2-Hexanone	10.75	43	557338	103.199	ug/l	100
61) Tetrachloroethene	10.63	164	94072	19.913	ug/l	100
62) Toluene	10.15	91	506616	19.830	ug/l	100
64) Chlorobenzene	11.43	112	307104	19.390	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	103208	18.714	ug/l	100
66) Ethyl Benzene	11.51	91	566355	20.254	ug/l	100
67) m/p-Xylenes	11.62	106	416411	38.984	ug/l	100
68) o-Xylene	11.95	106	201641	19.237	ug/l	100
69) Styrene	11.97	104	333734	18.787	ug/l	100
70) Isopropylbenzene	12.25	105	547571	19.898	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	163442	19.008	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	200859	26.321	ug/l	63
73) Bromobenzene	12.53	156	125377	18.883	ug/l	100
74) n-propylbenzene	12.60	91	640765	20.334	ug/l	100
75) 2-Chlorotoluene	12.68	91	377764	19.206	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	463830	19.720	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	40264	17.405	ug/l	100
78) 4-Chlorotoluene	12.78	91	386851	19.196	ug/l	100
79) tert-butylbenzene	13.00	119	386970	18.987	ug/l	100
80) 1,2,4-Trimethylbenzene	13.05	105	467824	19.918	ug/l	100
81) sec-Butylbenzene	13.18	105	537823	19.738	ug/l	100
82) p-Isopropyltoluene	13.30	119	472948	19.464	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	228335	18.602	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	224192	18.500	ug/l	100
85) n-Butylbenzene	13.62	91	428411	18.968	ug/l	100
86) Hexachloroethane	13.88	117	68532	17.528	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	225342	18.838	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.28	75	29704	19.236	ug/l	100
89) 1,2,4-Trichlorobenzene	14.92	180	135724	18.508	ug/l	100
90) Hexachlorobutadiene	15.02	225	68186	20.117	ug/l	100
91) Naphthalene	15.14	128	376149	18.753	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	130220	18.679	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092419\
Data File : VN058337.D
Acq On : 24 Sep 2019 10:30
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Sep 25 01:18:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:14:34 2019
Response via : Initial Calibration

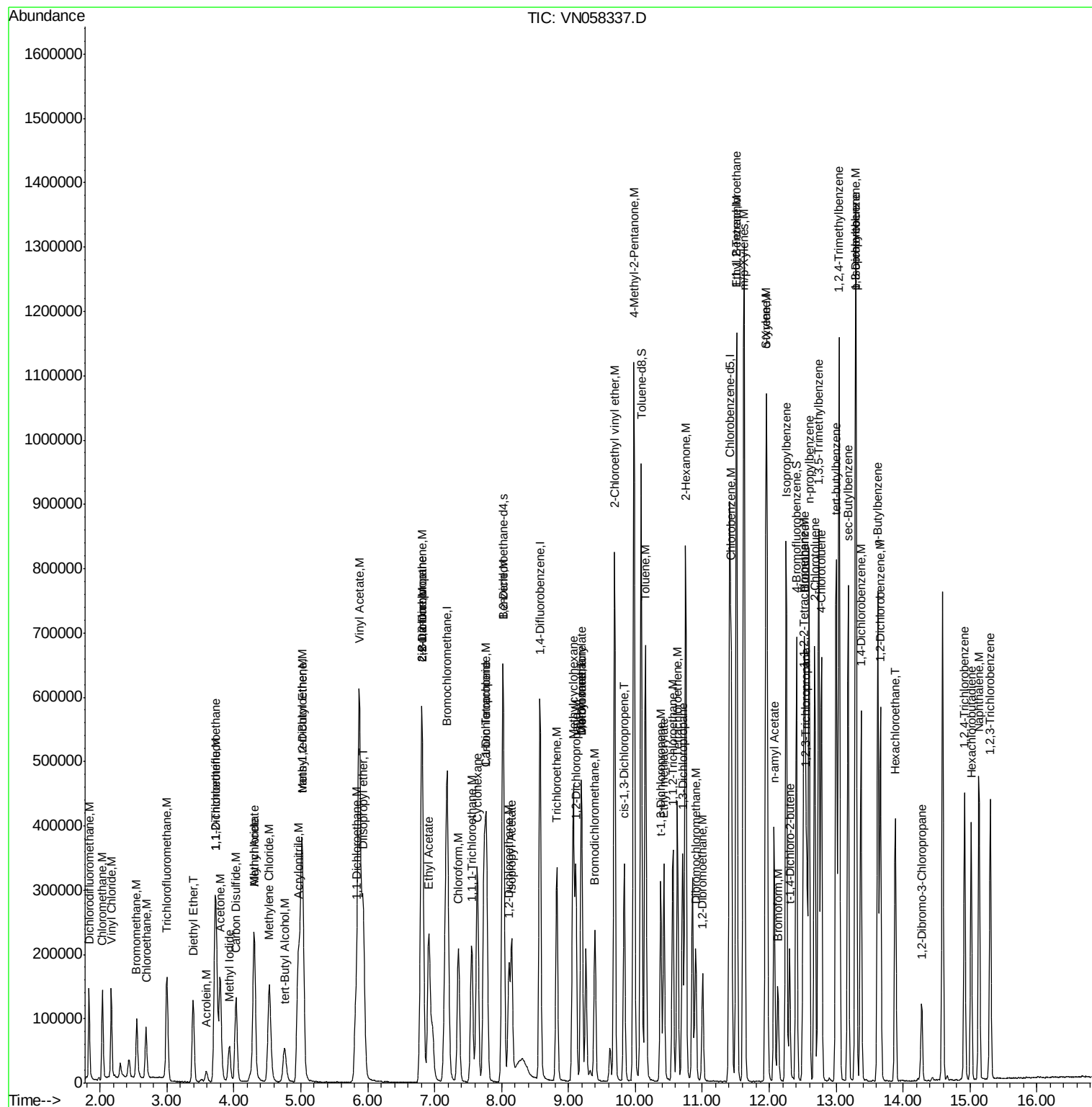
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

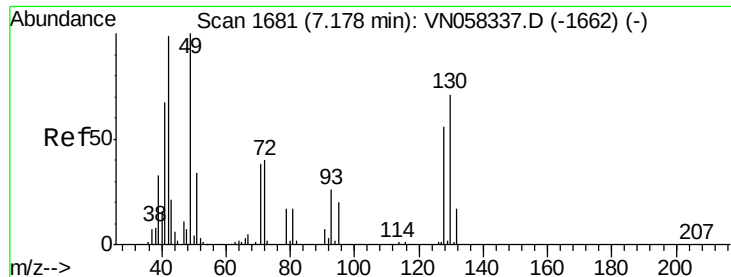
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092419\
Data File : VN058337.D
Acq On : 24 Sep 2019 10:30
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Quant Time: Sep 25 01:18:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:14:34 2019
Response via : Initial Calibration

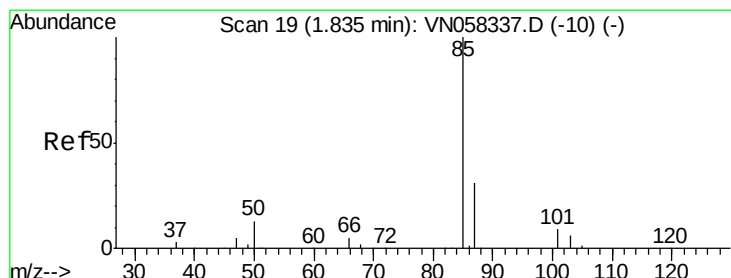
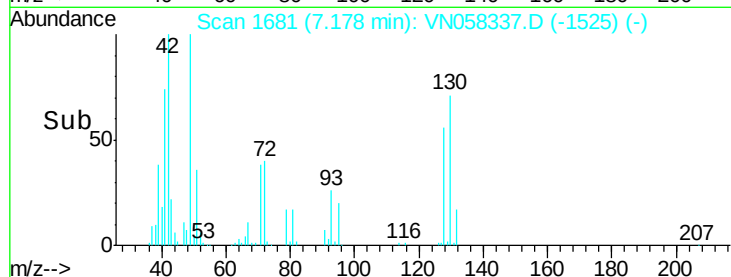
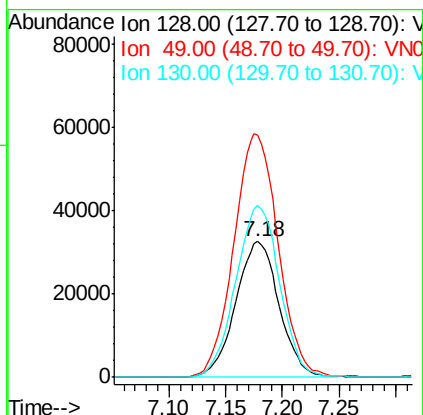
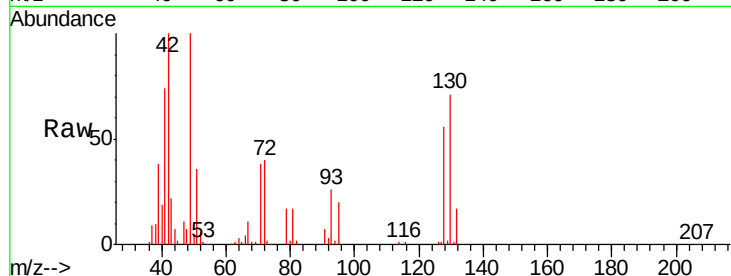




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

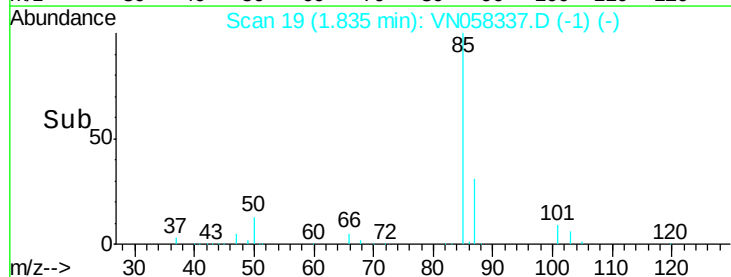
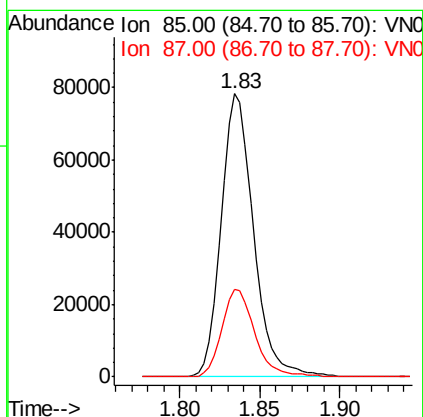
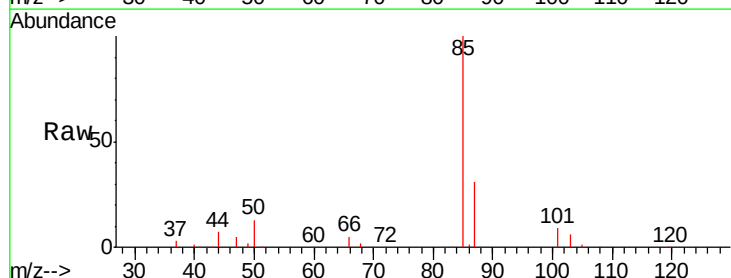
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

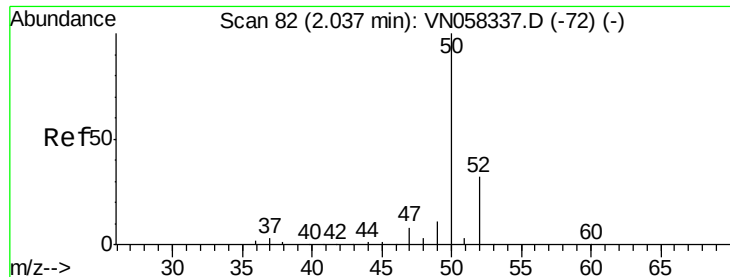
Tgt Ion: 128 Resp: 87079
 Ion Ratio Lower Upper
 128 100
 49 183.4 0.0 458.5
 130 128.3 0.0 320.7



#2
 Dichlorodifluoromethane
 Concen: 20.355 ug/l
 RT: 1.83 min Scan# 19
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 85 Resp: 108002
 Ion Ratio Lower Upper
 85 100
 87 31.0 15.5 46.5

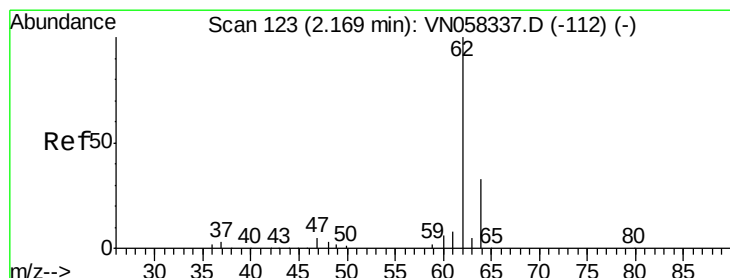
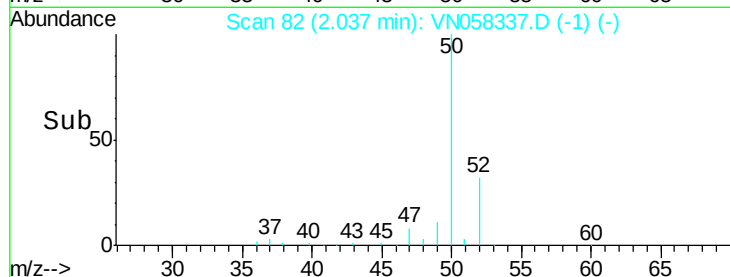
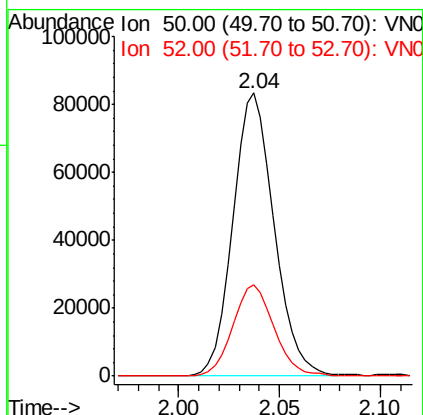
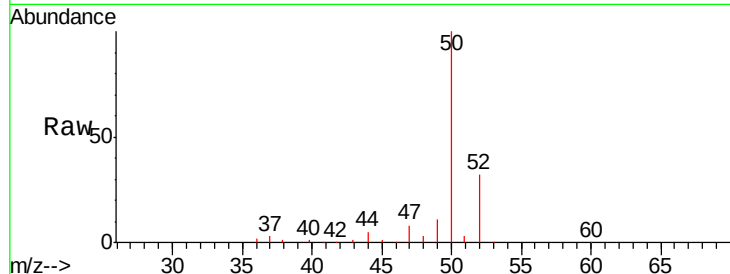




#3
Chloromethane
Concen: 18.514 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

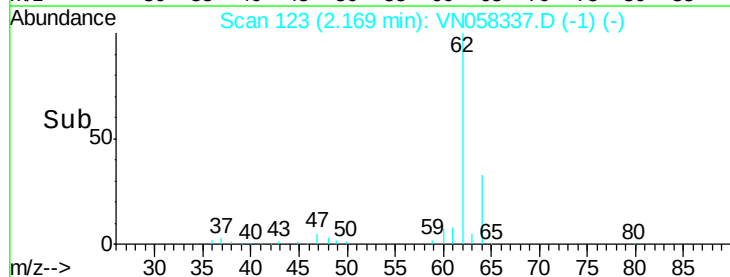
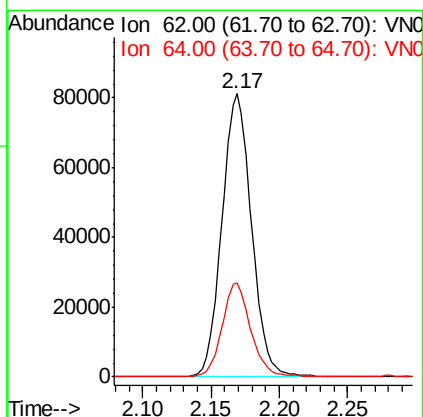
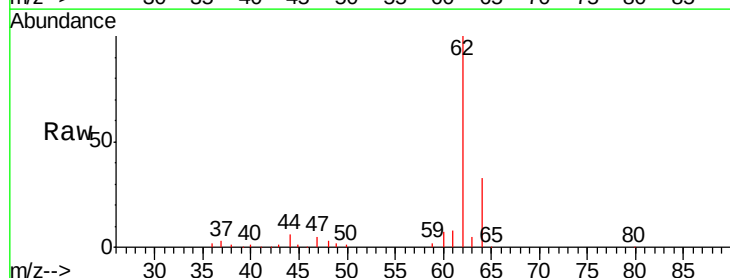
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

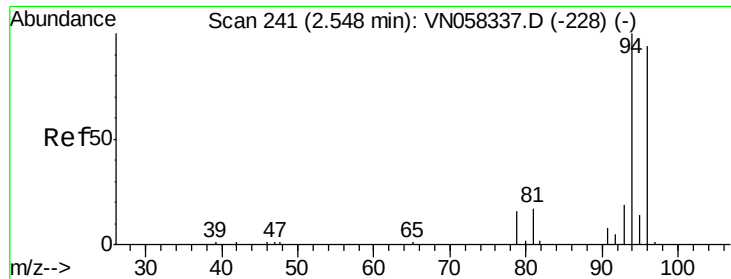
Tgt Ion: 50 Resp: 119497
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 18.583 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 62 Resp: 122182
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0

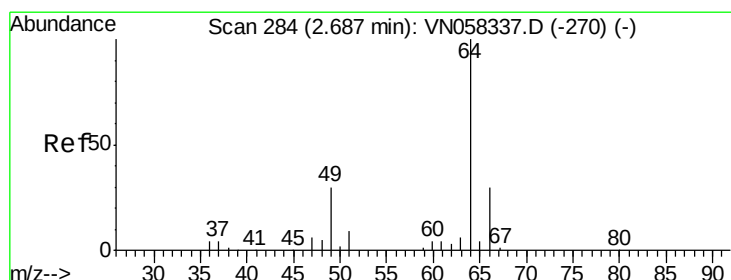
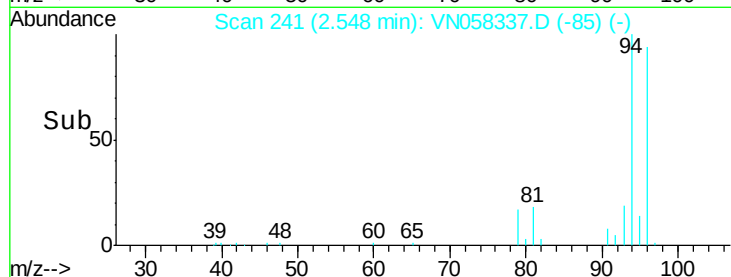
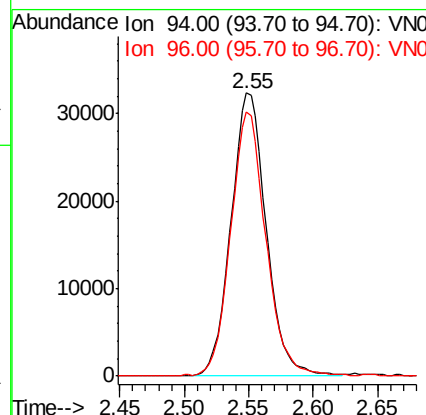
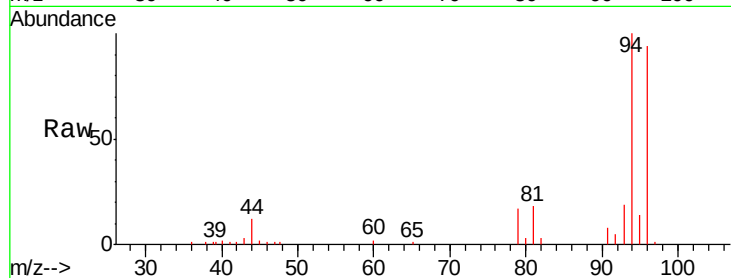




#5
Bromomethane
Concen: 15.612 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

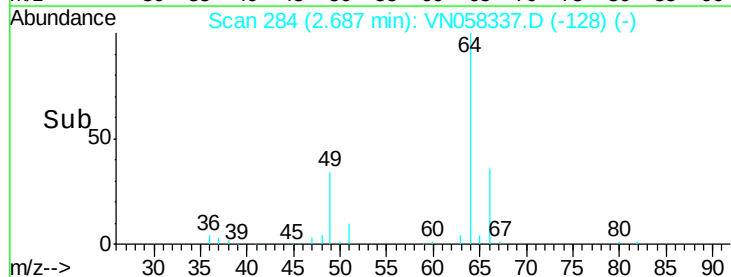
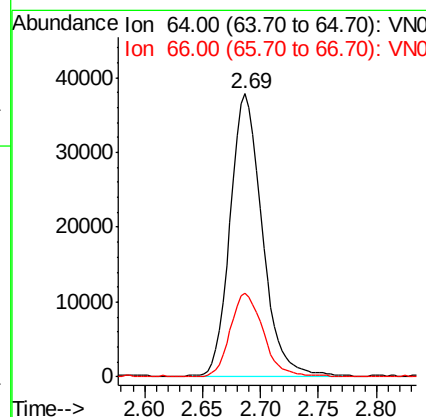
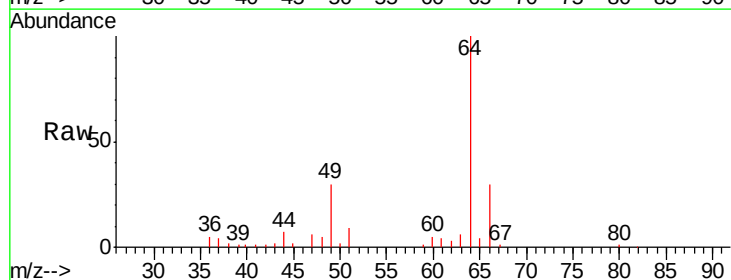
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

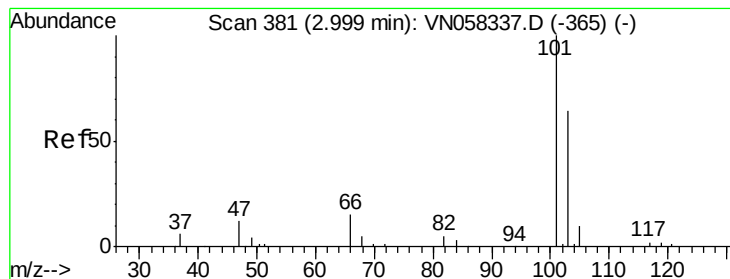
Tgt Ion: 94 Resp: 61375
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 18.027 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 64 Resp: 73013
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.6



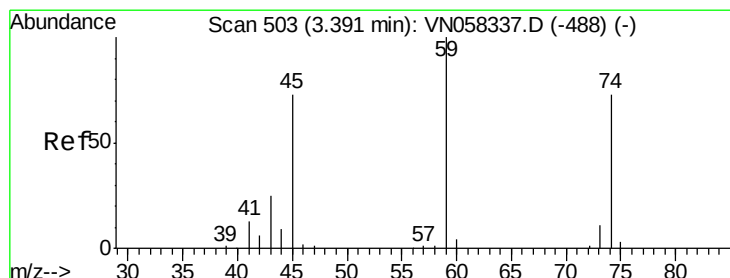
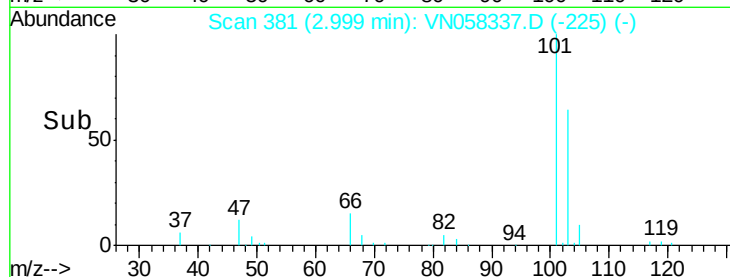
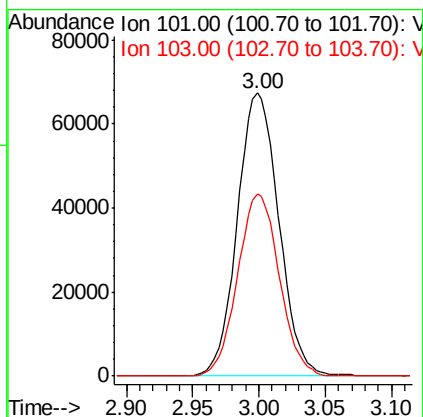
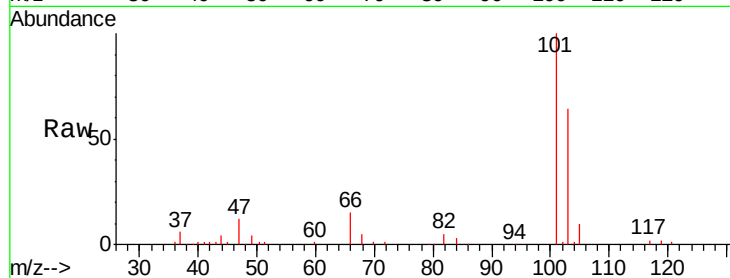


#7

Trichlorofluoromethane
 Concen: 19.642 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

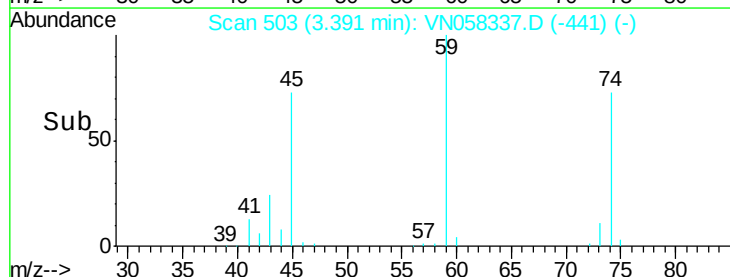
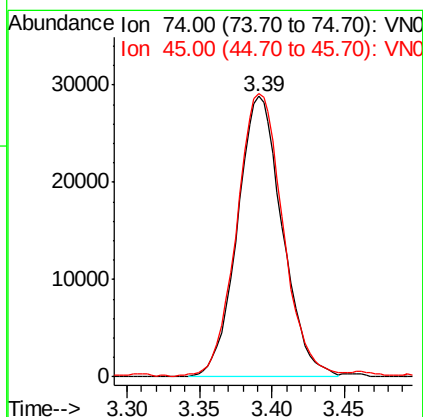
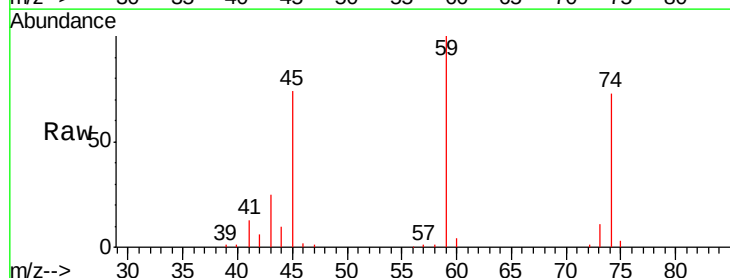
Tgt Ion: 101 Resp: 146779
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

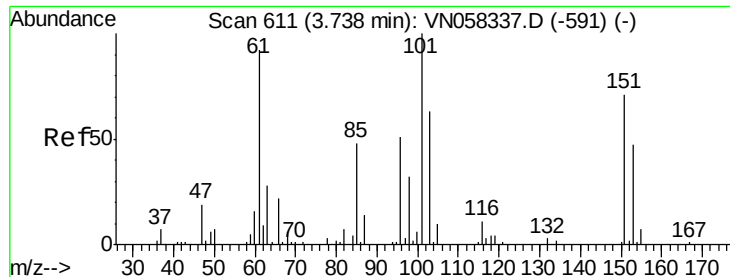


#8

Diethyl Ether
 Concen: 19.866 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 74 Resp: 62212
 Ion Ratio Lower Upper
 74 100
 45 104.2 20.8 187.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.050 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

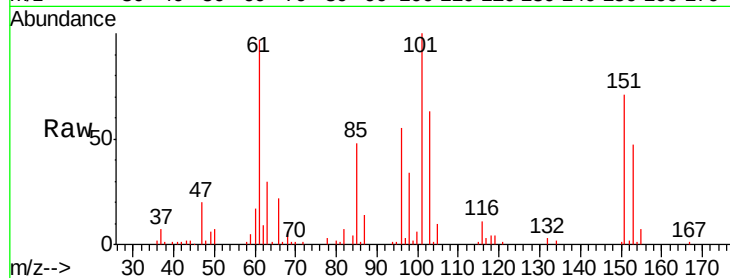
Tgt Ion:101 Resp: 97278

Ion Ratio Lower Upper

101 100

85 46.5 0.0 93.0

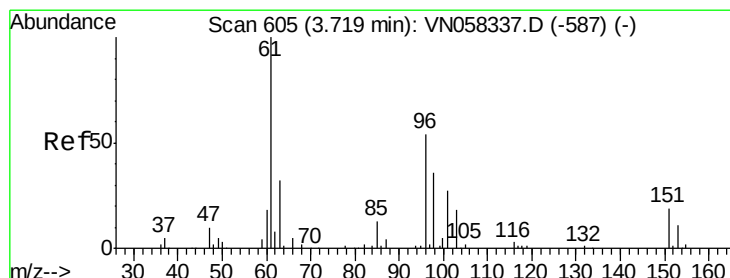
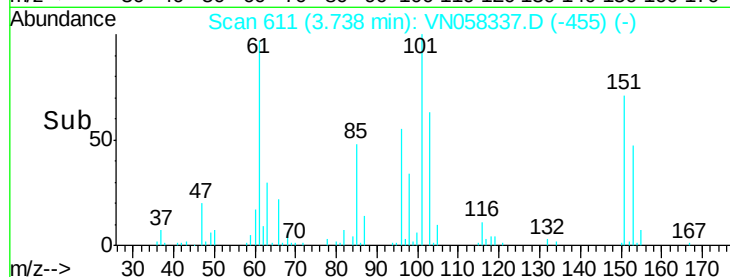
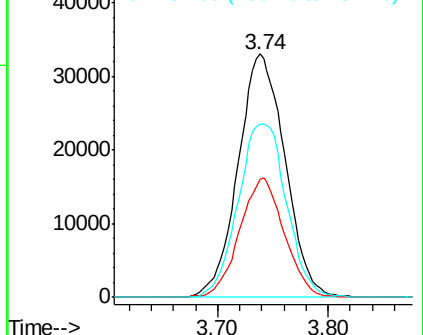
151 73.6 0.0 147.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.469 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

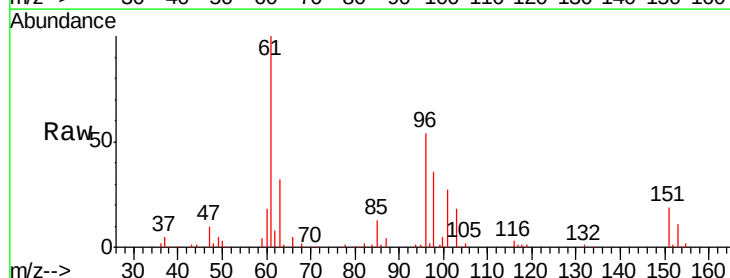
Tgt Ion: 96 Resp: 95404

Ion Ratio Lower Upper

96 100

61 183.6 146.9 220.3

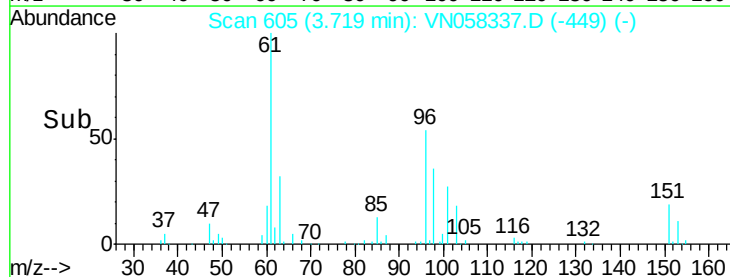
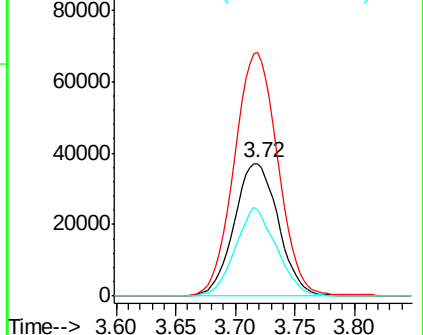
98 65.4 52.3 78.5

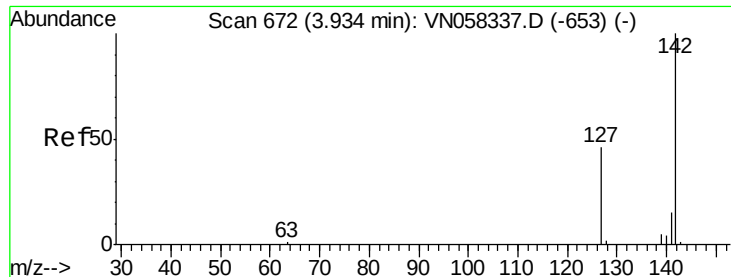


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

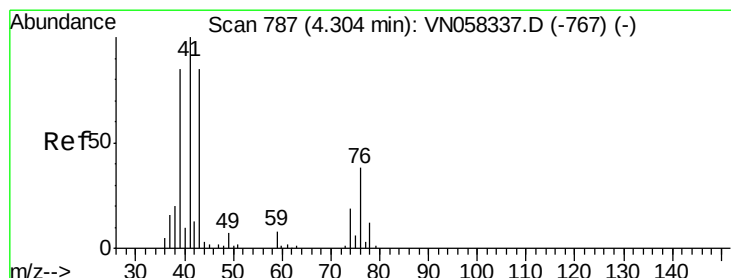
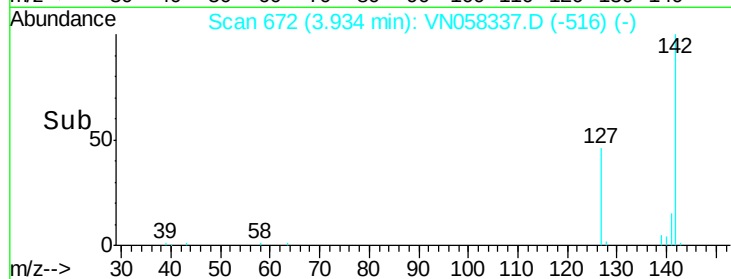
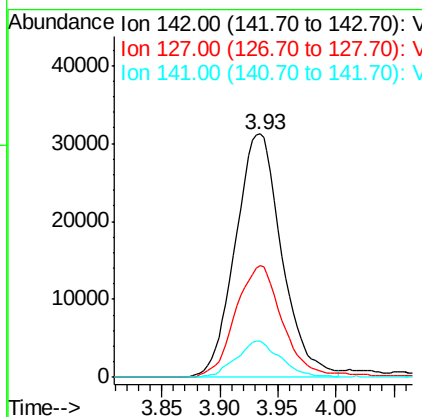
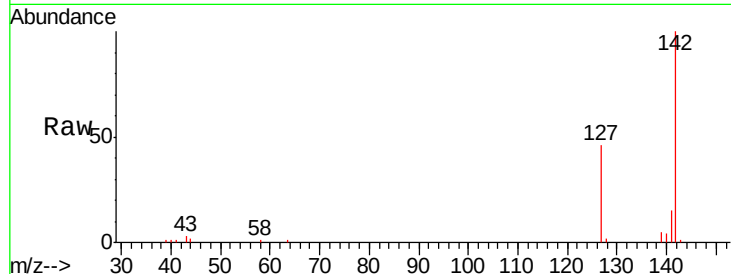




#11
Methyl Iodide
Concen: 14.898 ug/l
RT: 3.93 min Scan# 672
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

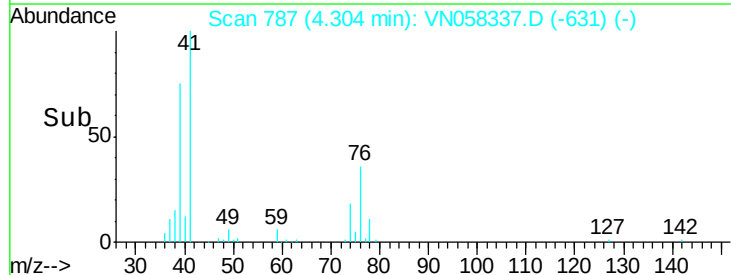
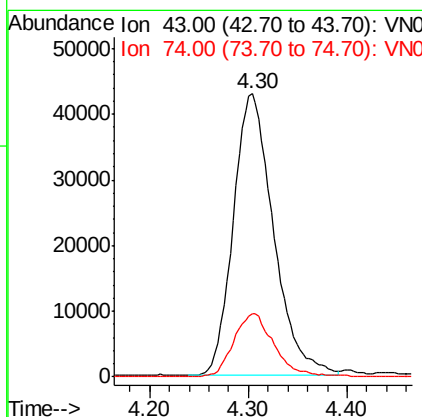
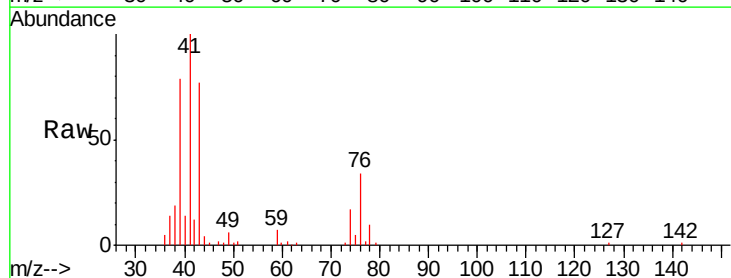
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

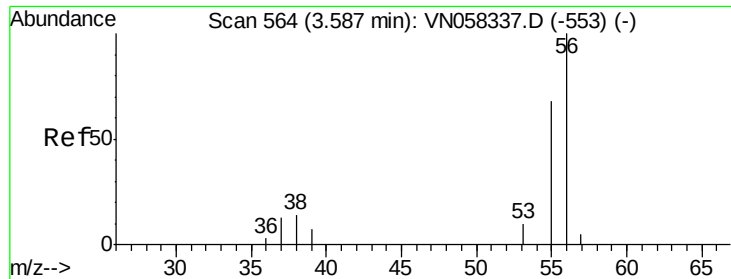
Tgt Ion:142 Resp: 86936
Ion Ratio Lower Upper
142 100
127 45.8 22.9 68.7
141 14.9 7.4 22.3



#12
Methyl Acetate
Concen: 19.384 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 43 Resp: 121484
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6

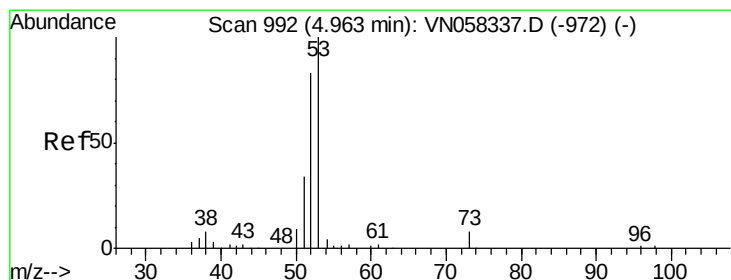
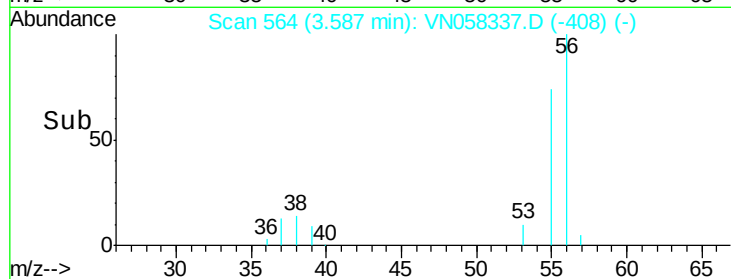
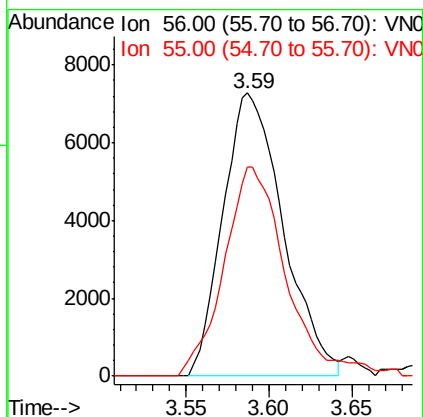
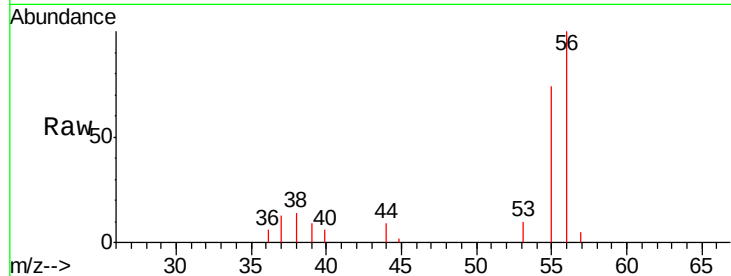




#13
 Acrolein
 Concen: 57.883 ug/l
 RT: 3.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

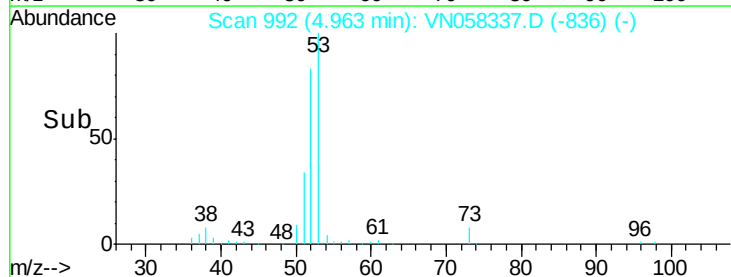
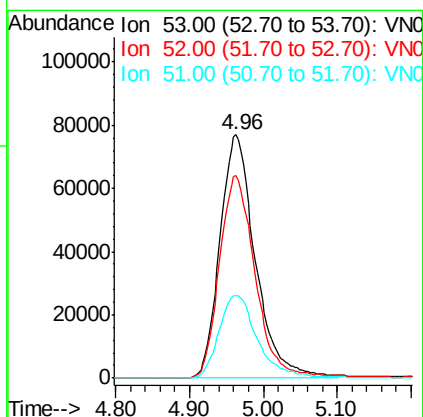
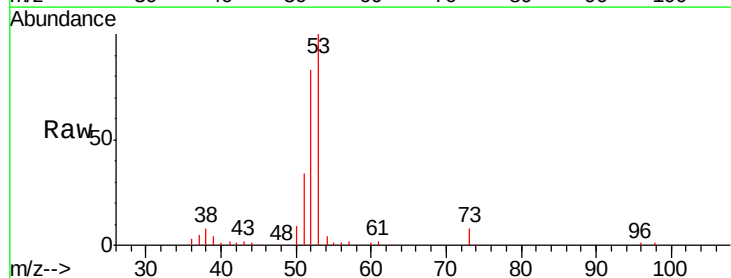
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

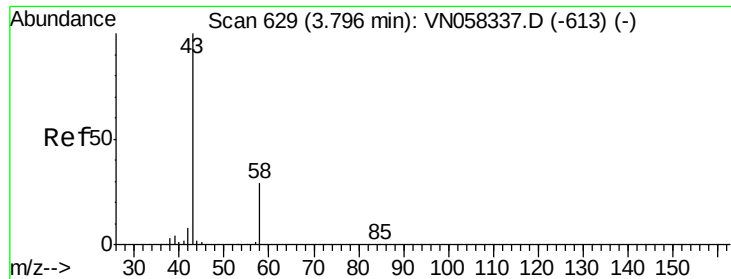
Tgt Ion: 56 Resp: 18431
 Ion Ratio Lower Upper
 56 100
 55 73.0 58.4 87.6



#14
 Acrylonitrile
 Concen: 99.667 ug/l
 RT: 4.96 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 53 Resp: 257268
 Ion Ratio Lower Upper
 53 100
 52 82.5 41.3 123.7
 51 36.5 18.3 54.8

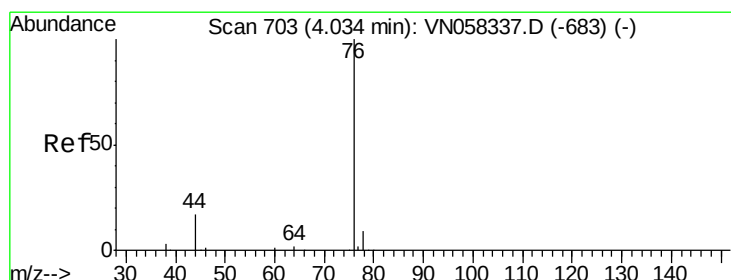
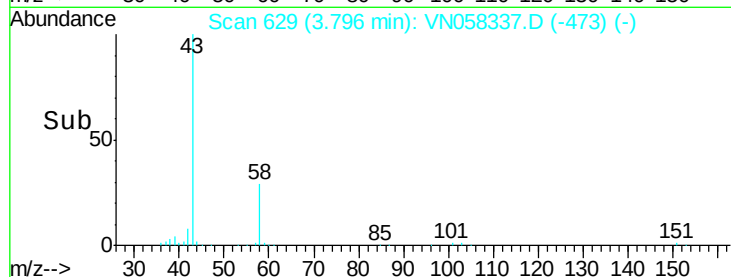
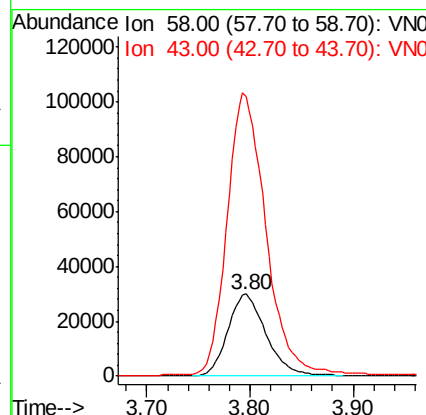
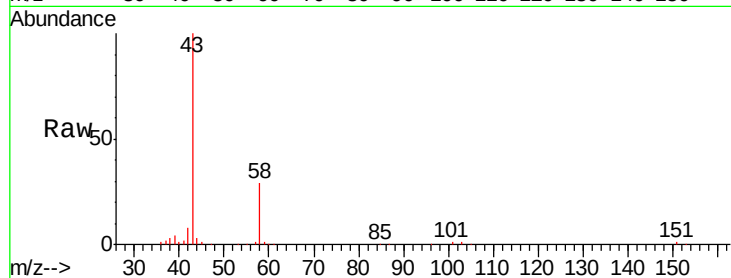




#15
Acetone
Concen: 105.363 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

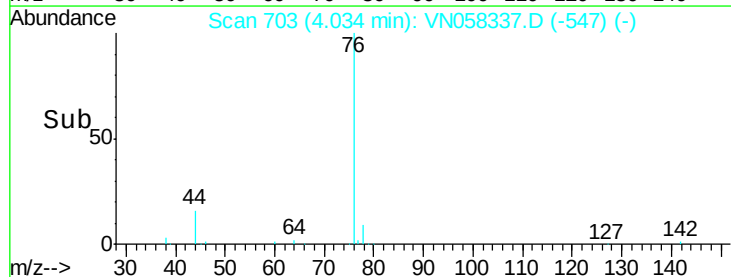
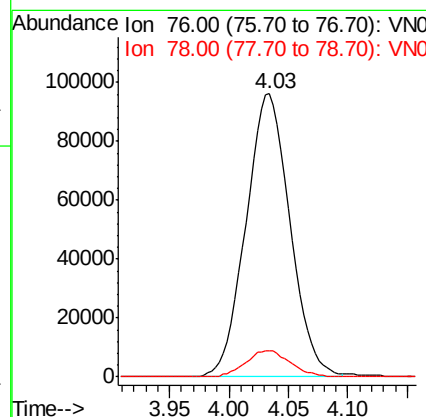
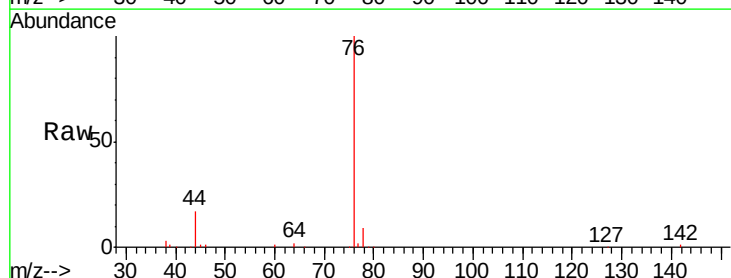
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

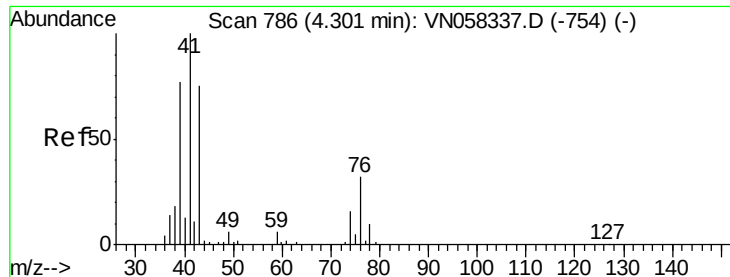
Tgt Ion: 58 Resp: 76770
Ion Ratio Lower Upper
58 100
43 340.8 272.6 409.0



#16
Carbon Disulfide
Concen: 22.015 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 76 Resp: 246196
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

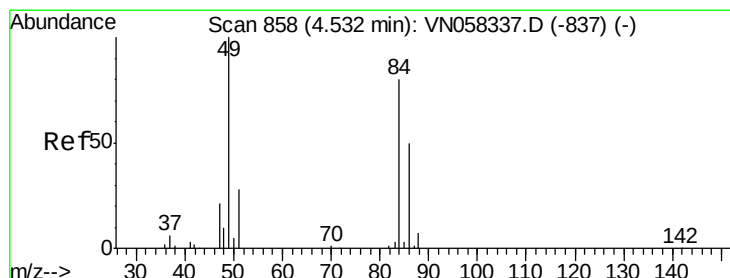
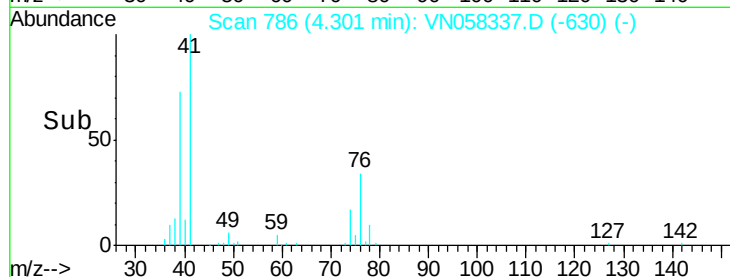
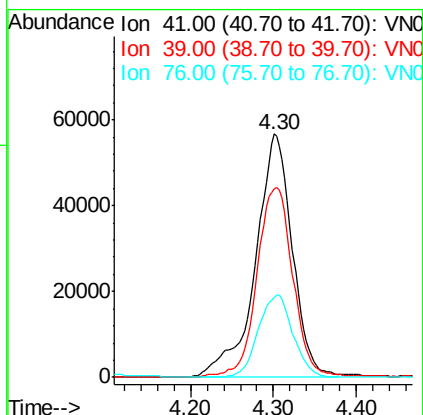
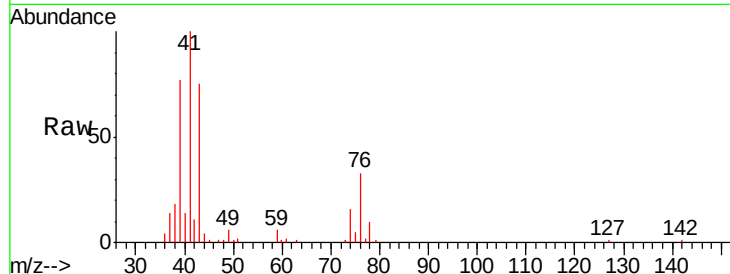




#17
 Allyl chloride
 Concen: 20.404 ug/l
 RT: 4.30 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

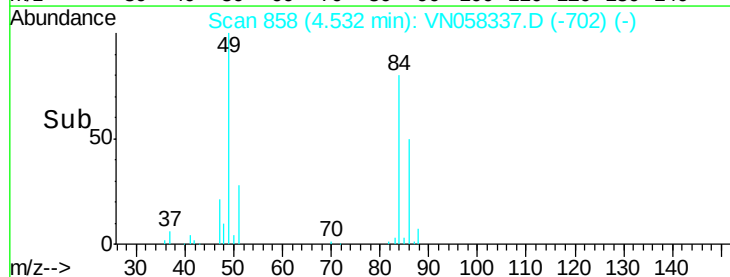
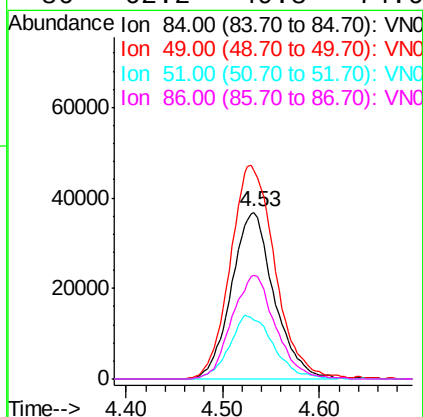
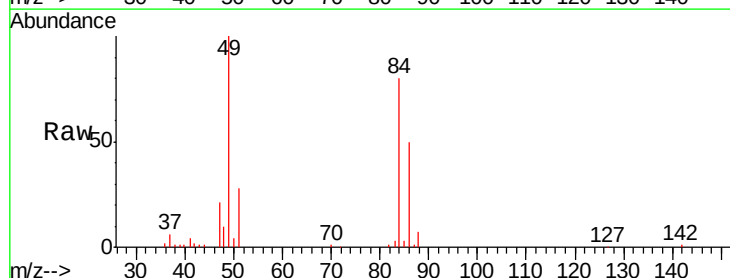
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

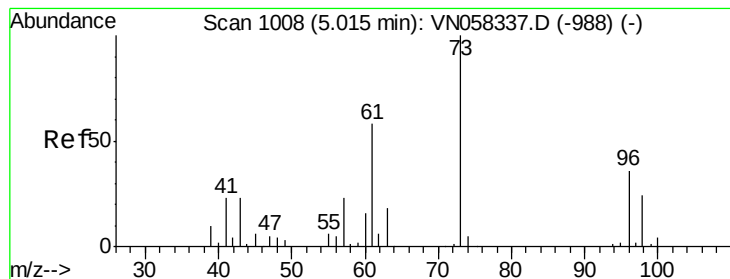
Tgt Ion: 41 Resp: 175093
 Ion Ratio Lower Upper
 41 100
 39 77.4 38.7 116.1
 76 32.7 16.4 49.1



#18
 Methylene Chloride
 Concen: 19.447 ug/l
 RT: 4.53 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 84 Resp: 112807
 Ion Ratio Lower Upper
 84 100
 49 124.7 99.8 149.6
 51 35.4 28.3 42.5
 86 62.2 49.8 74.6





#19

trans-1,2-Dichloroethene

Concen: 20.447 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

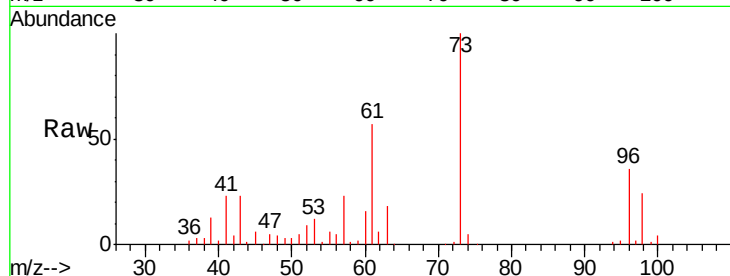
Tgt Ion: 96 Resp: 106189

Ion Ratio Lower Upper

96 100

61 160.0 128.0 192.0

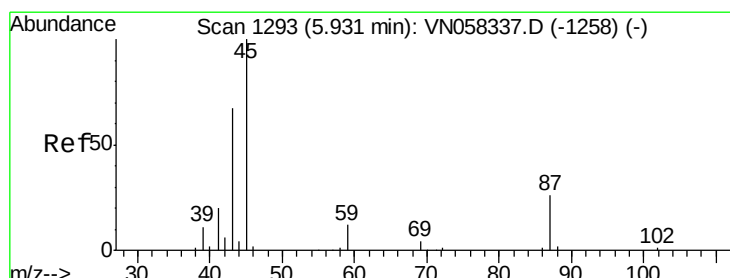
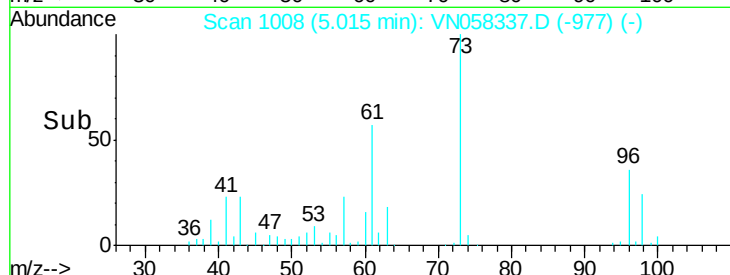
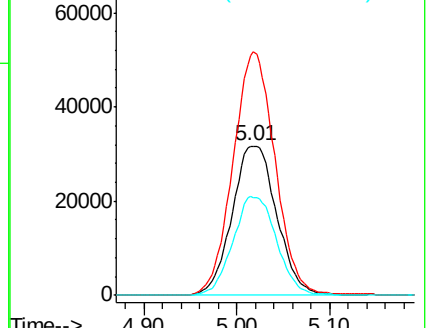
98 66.3 53.0 79.6



Abundance Ion 96.00 (95.70 to 96.70): VN058337.D (-988) (-)

Ion 61.00 (60.70 to 61.70): VN058337.D (-988) (-)

Ion 98.00 (97.70 to 98.70): VN058337.D (-988) (-)



#20

Diisopropyl ether

Concen: 18.918 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Tgt Ion: 45 Resp: 370963

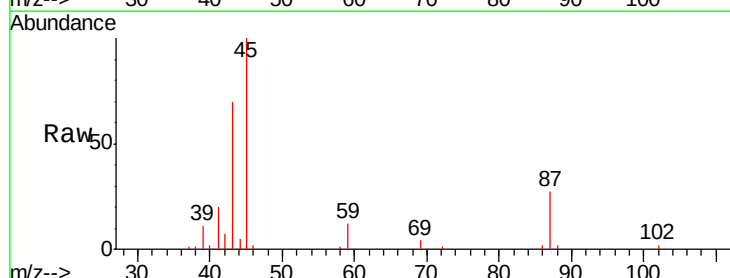
Ion Ratio Lower Upper

45 100

43 67.6 54.1 81.1

87 26.8 21.4 32.2

59 11.6 9.3 13.9

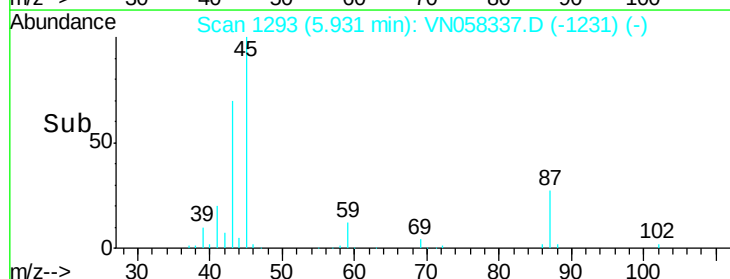
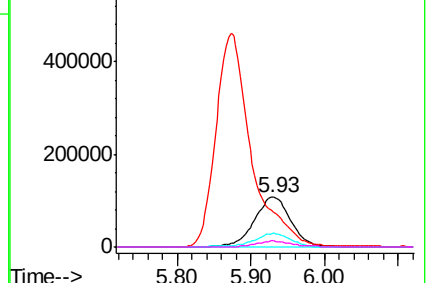


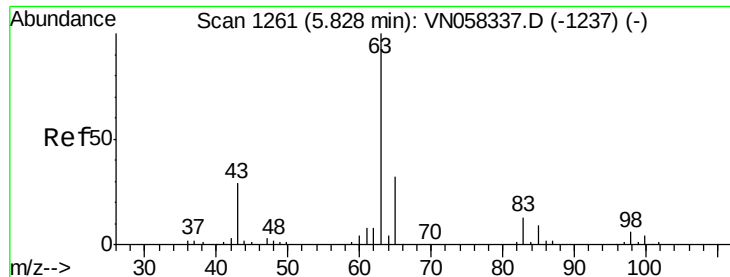
Abundance Ion 45.00 (44.70 to 45.70): VN058337.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN058337.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN058337.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN058337.D (-1258) (-)

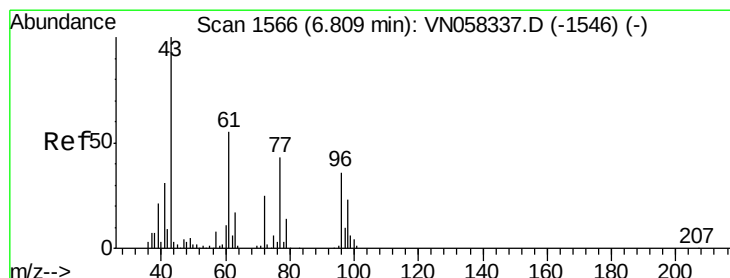
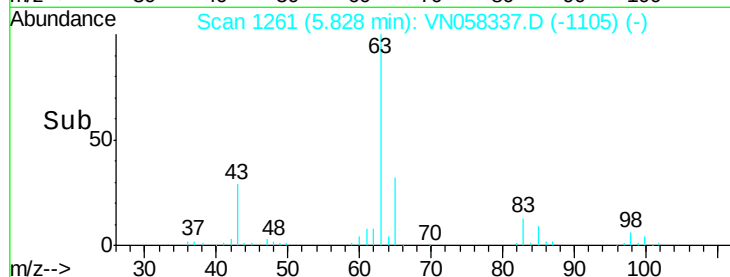
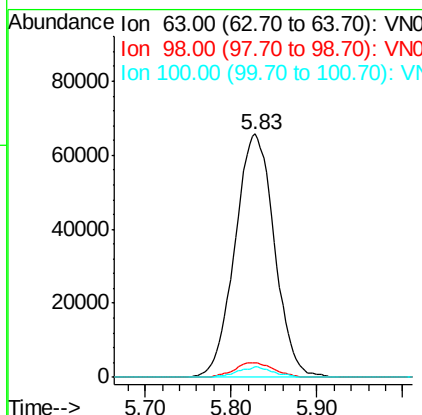
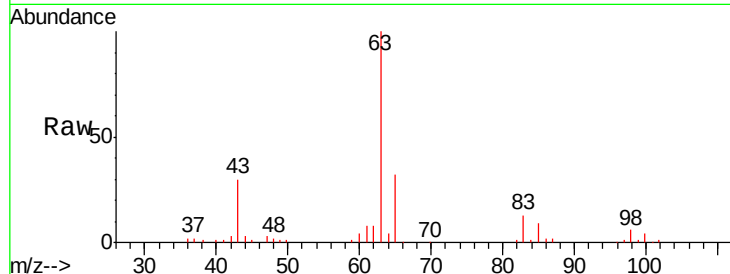




#21
 1,1-Dichloroethane
 Concen: 19.402 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

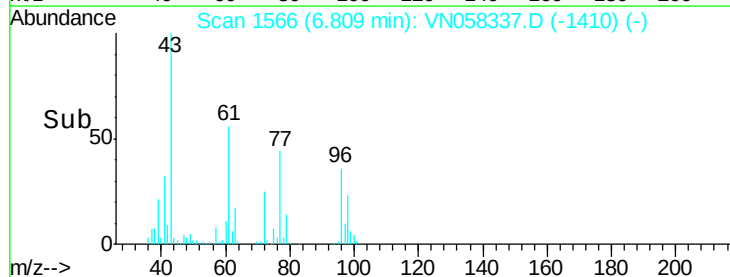
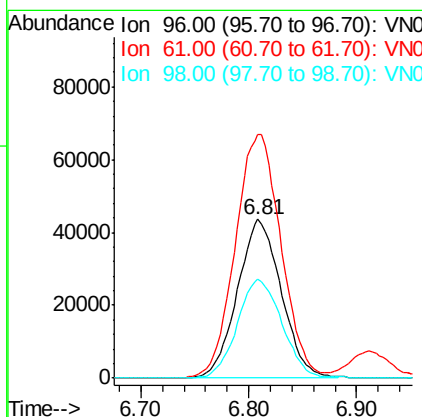
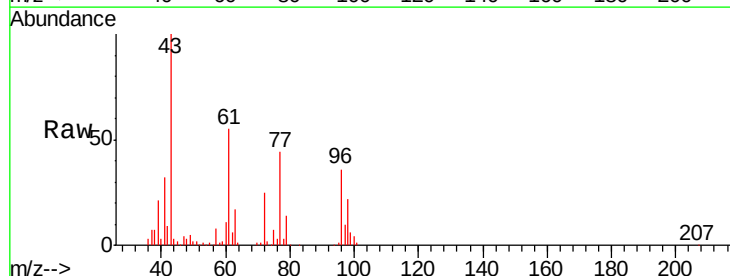
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

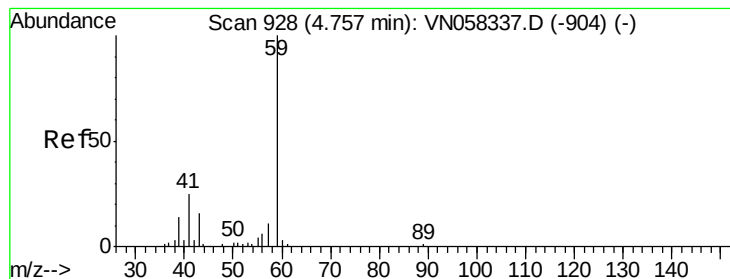
Tgt Ion: 63 Resp: 209747
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.3 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 19.580 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 96 Resp: 123135
 Ion Ratio Lower Upper
 96 100
 61 160.2 128.2 192.2
 98 63.3 50.6 76.0





#23

tert-Butyl Alcohol

Concen: 108.974 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

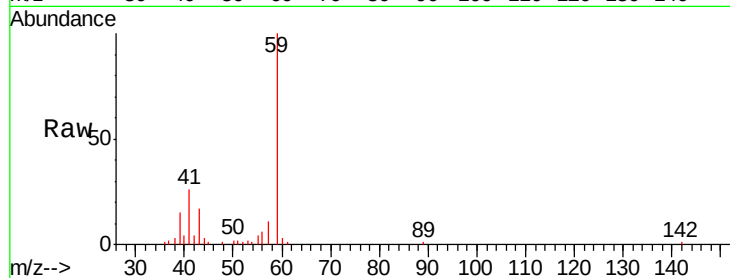
VSTDICCC020

Tgt Ion: 59 Resp: 93395

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1

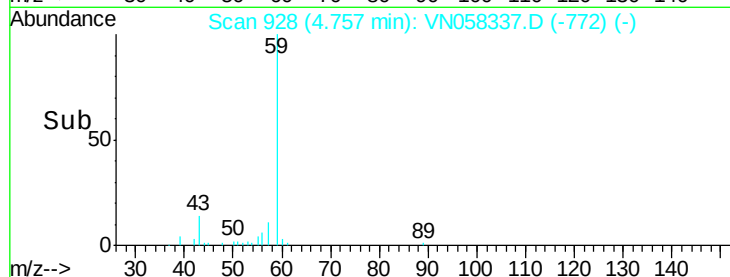


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

4.76

Time--> 4.60 4.70 4.80 4.90



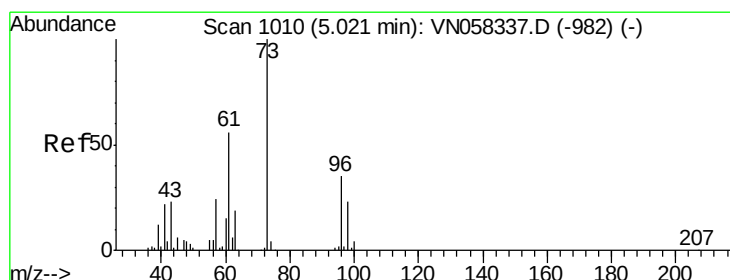
Abundance

Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

4.76

Time--> 4.60 4.70 4.80 4.90



#24

Methyl tert-Butyl Ether

Concen: 19.279 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN058337.D

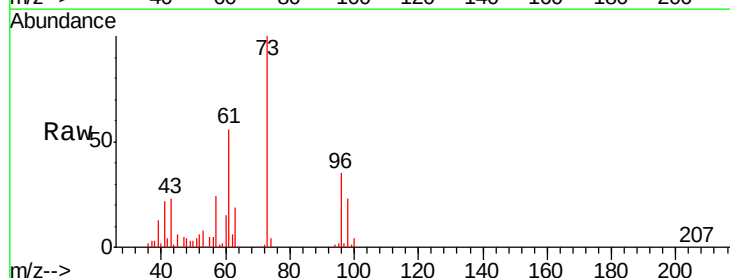
Acq: 24 Sep 2019 10:30

Tgt Ion: 73 Resp: 338591

Ion Ratio Lower Upper

73 100

43 23.0 18.4 27.6

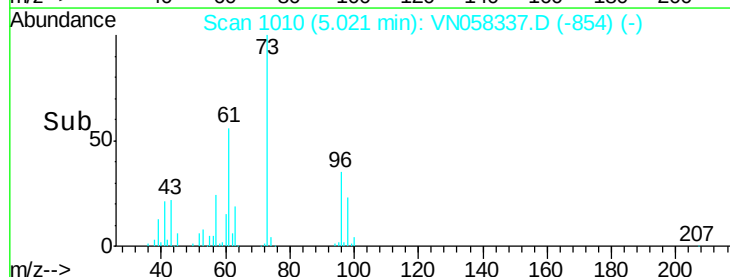


Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

5.02

Time--> 4.90 5.00 5.10 5.20



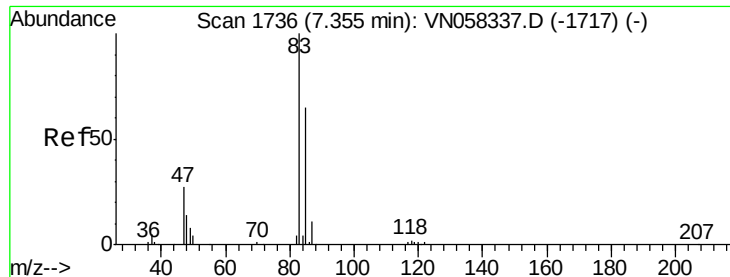
Abundance

Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

5.02

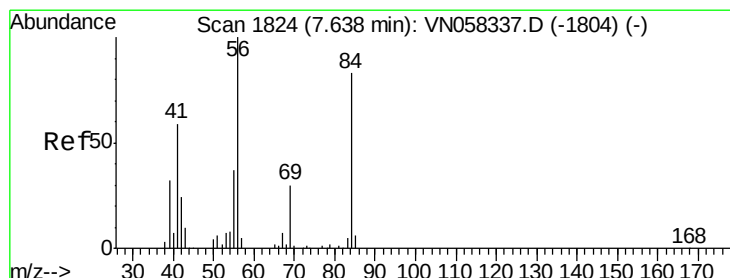
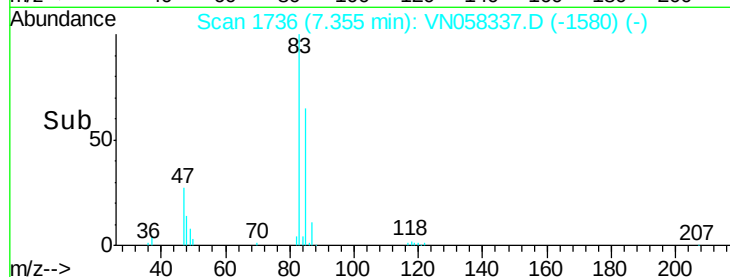
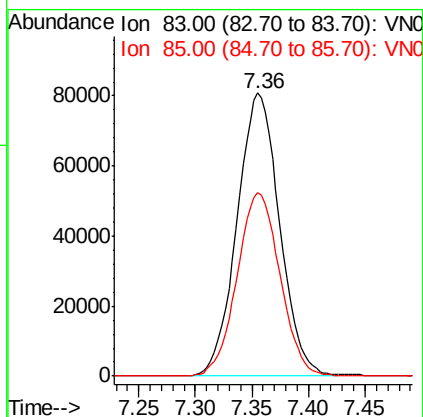
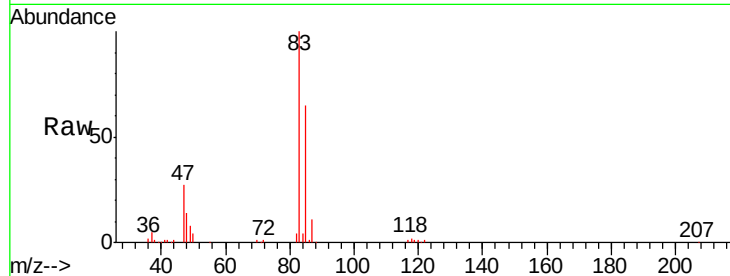
Time--> 4.90 5.00 5.10 5.20



#25
Chloroform
Concen: 19.147 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

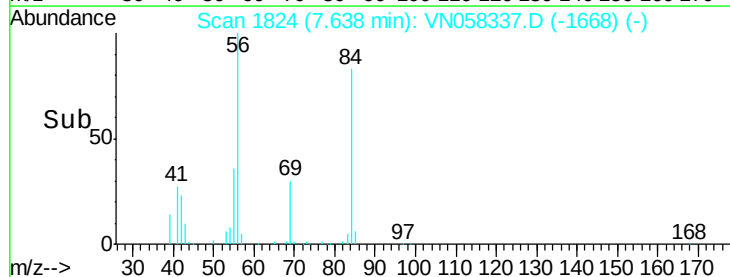
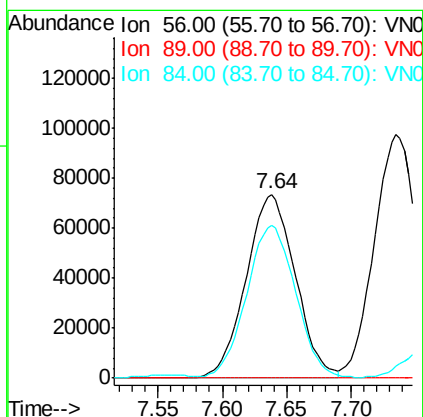
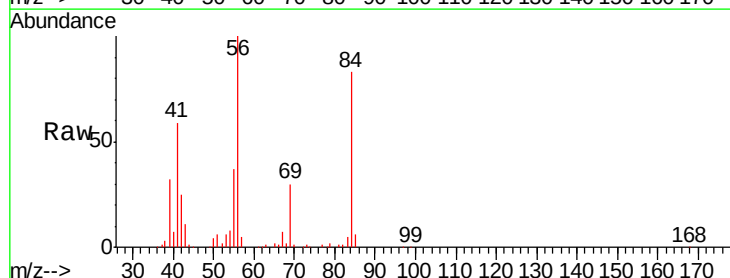
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

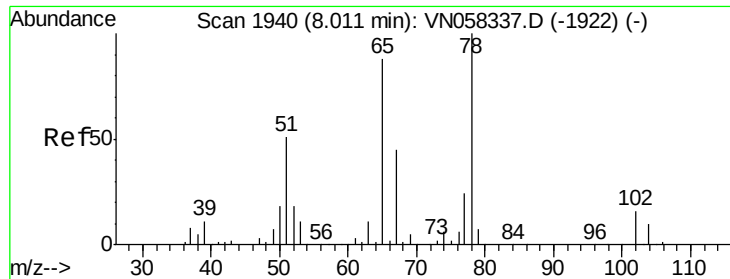
Tgt Ion: 83 Resp: 210945
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6



#26
Cyclohexane
Concen: 20.907 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 56 Resp: 194940
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 83.6 66.9 100.3

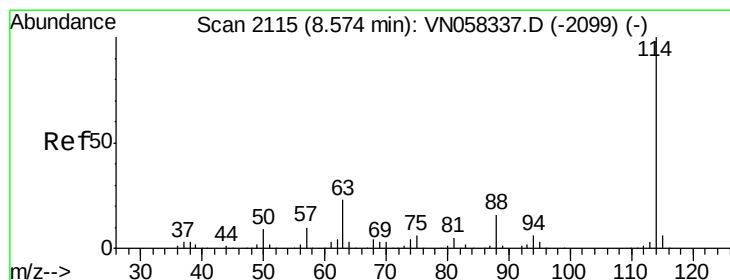
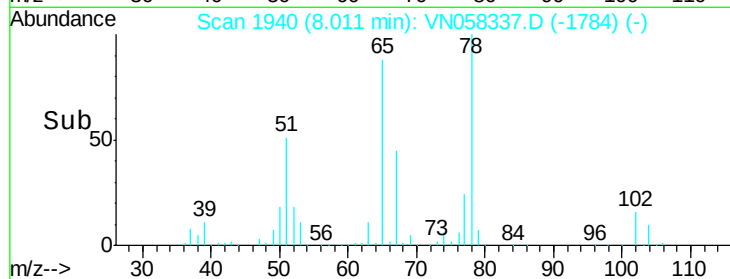
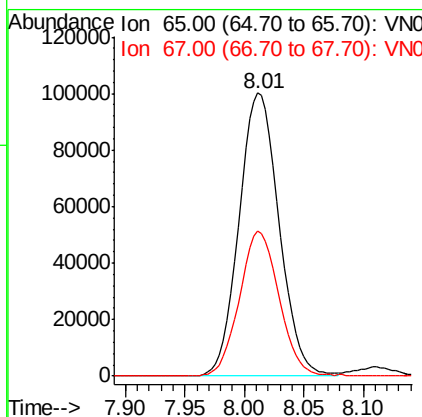
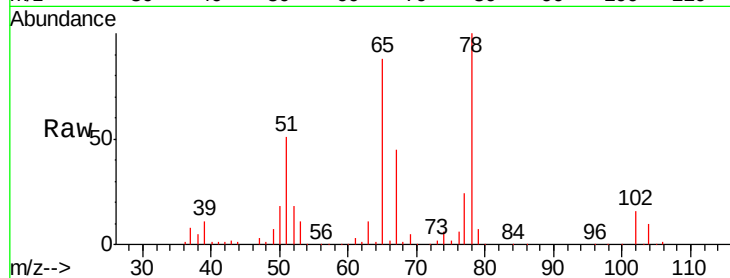




#27
 1,2-Dichloroethane-d4
 Concen: 30.599 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

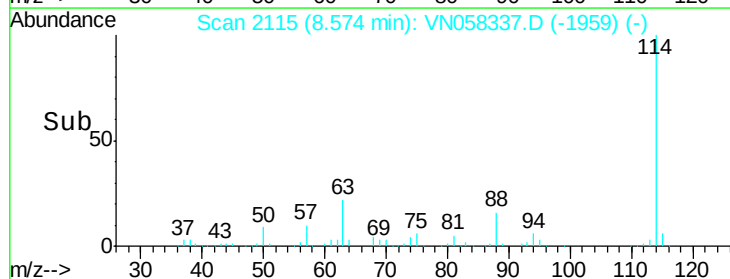
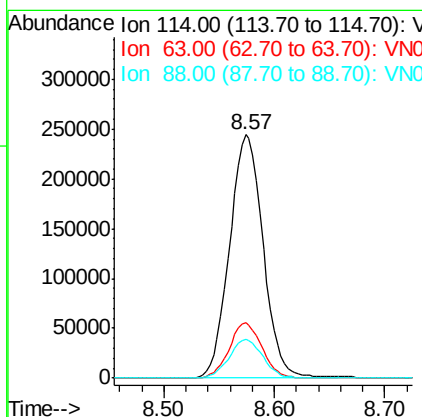
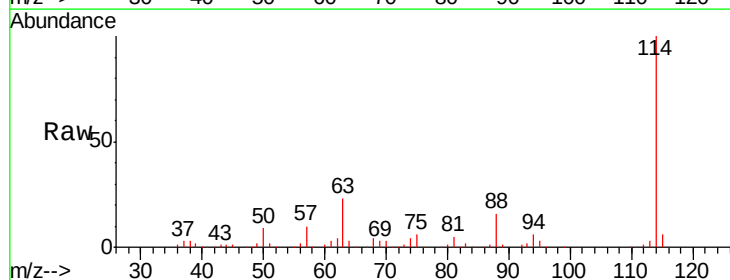
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

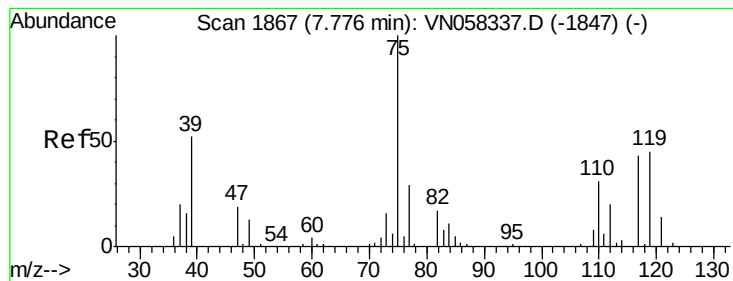
Tgt Ion: 65 Resp: 234048
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 114 Resp: 516555
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.8 26.8
 88 15.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.927 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

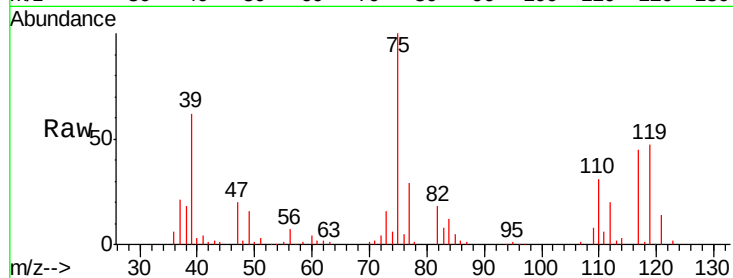
Tgt Ion: 75 Resp: 164237

Ion Ratio Lower Upper

75 100

110 31.8 0.0 63.6

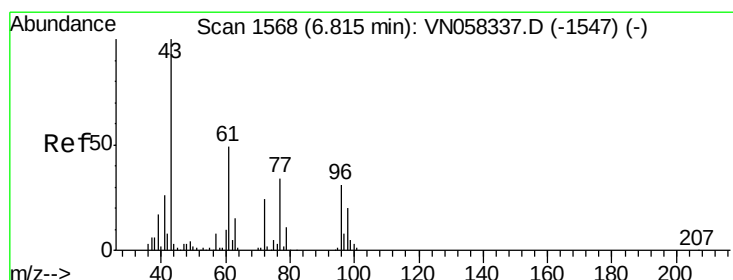
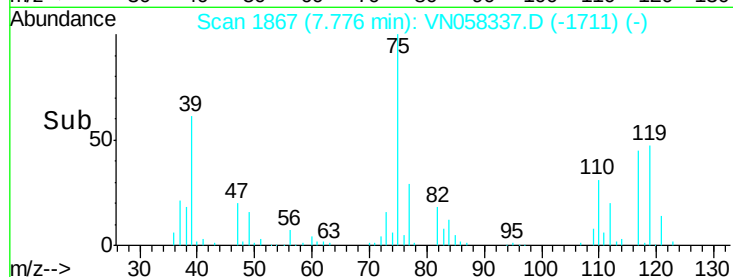
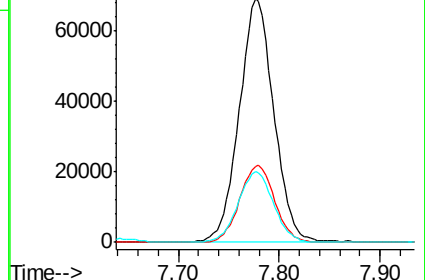
77 29.7 0.0 59.4



Abundance Ion 75.00 (74.70 to 75.70): VN058337.D (-1847) (-)

Ion 110.00 (109.70 to 110.70): VN058337.D (-1847) (-)

Ion 77.00 (76.70 to 77.70): VN058337.D (-1847) (-)



#30

2-Butanone

Concen: 100.977 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

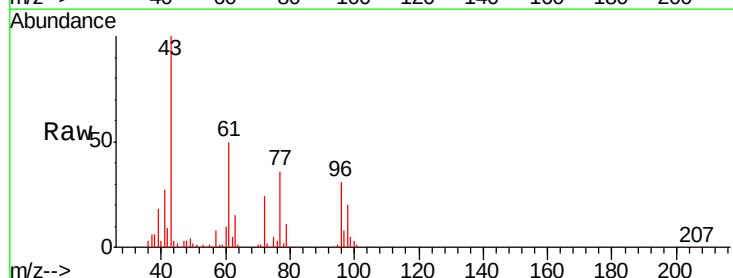
Tgt Ion: 43 Resp: 373871

Ion Ratio Lower Upper

43 100

57 7.8 6.2 9.4

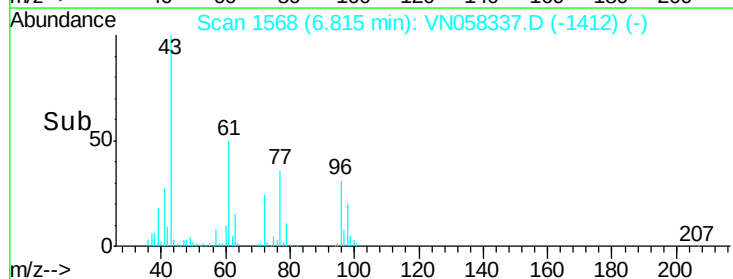
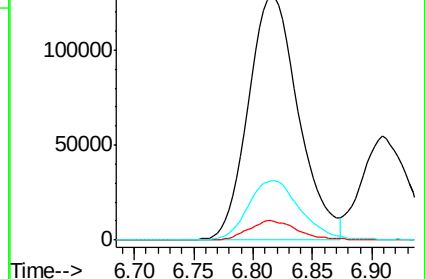
72 25.4 20.3 30.5

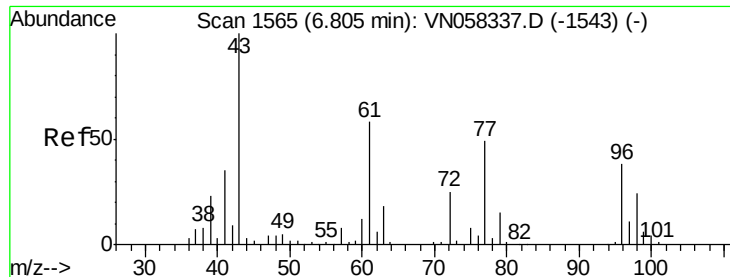


Abundance Ion 43.00 (42.70 to 43.70): VN058337.D (-1547) (-)

Ion 57.00 (56.70 to 57.70): VN058337.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN058337.D (-1547) (-)





#31

2,2-Dichloropropane

Concen: 19.235 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampled :

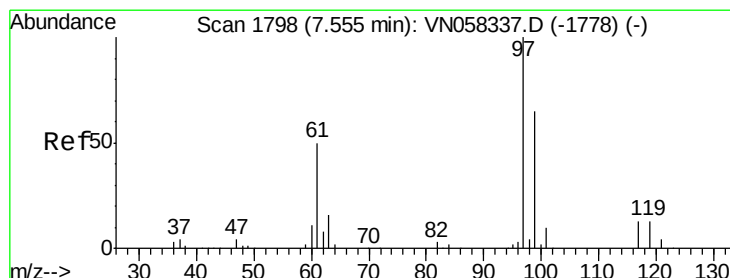
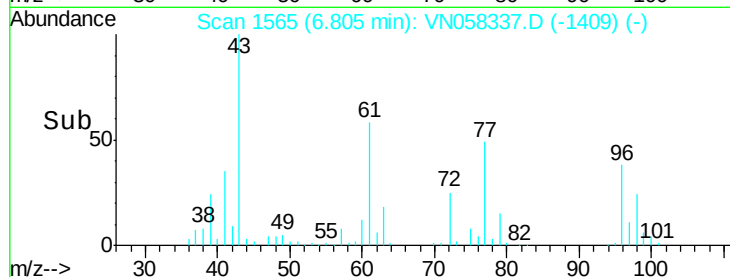
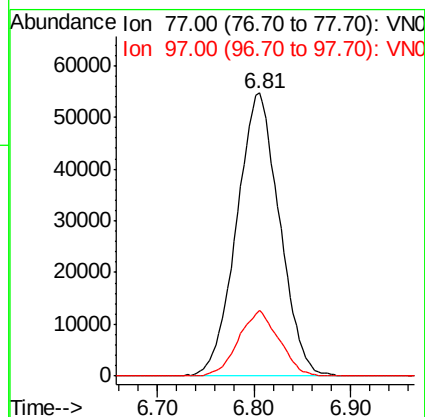
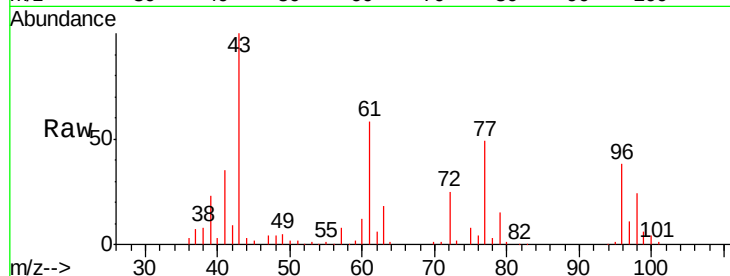
VSTDICCC020

Tgt Ion: 77 Resp: 167214

Ion Ratio Lower Upper

77 100

97 22.0 17.6 26.4



#32

1,1,1-Trichloroethane

Concen: 19.230 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

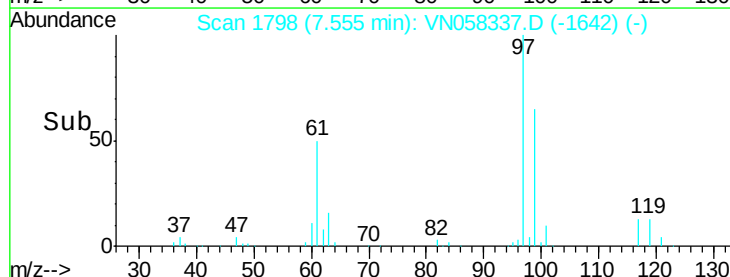
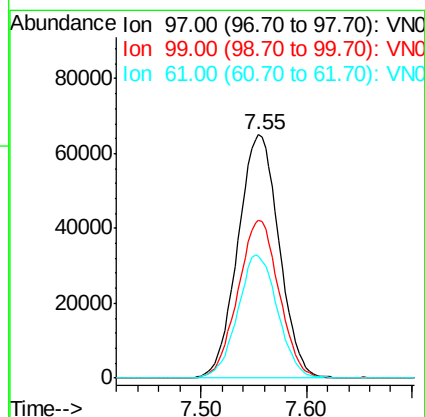
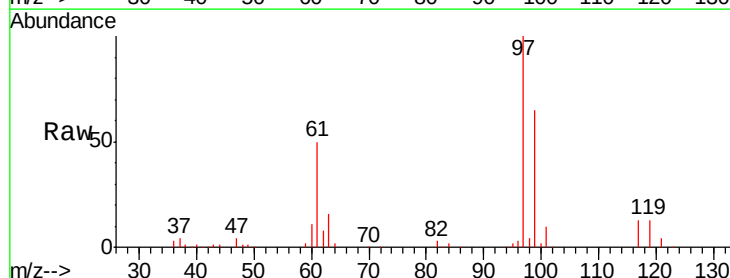
Tgt Ion: 97 Resp: 176607

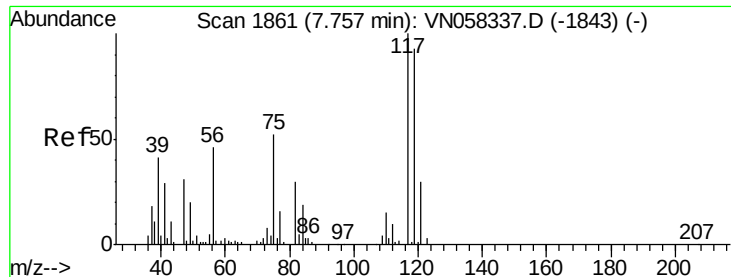
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 49.3 39.4 59.2

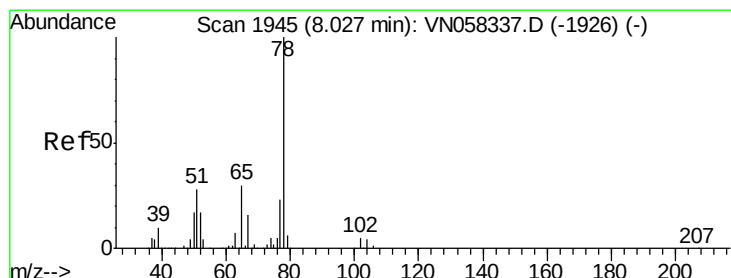
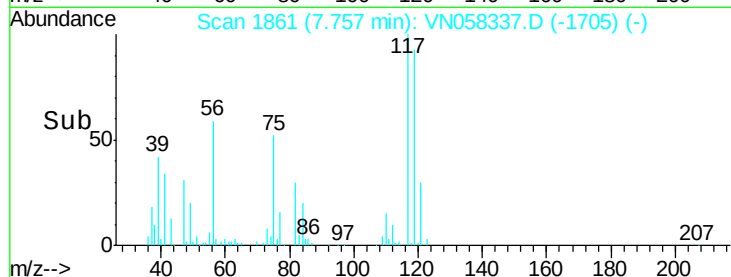
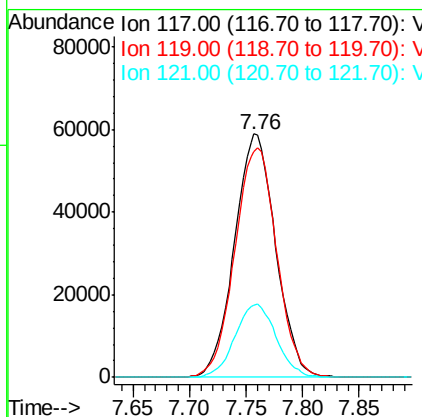
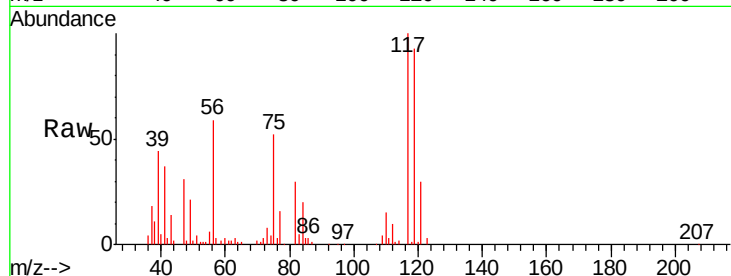




#33
Carbon Tetrachloride
Concen: 19.604 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

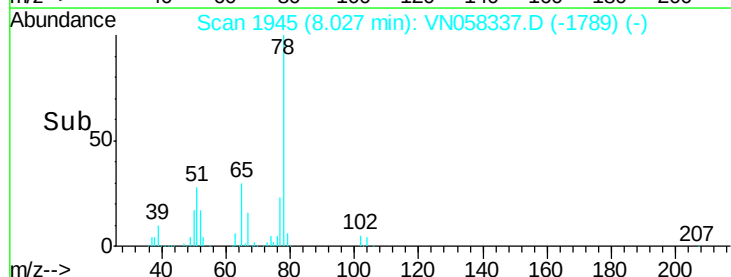
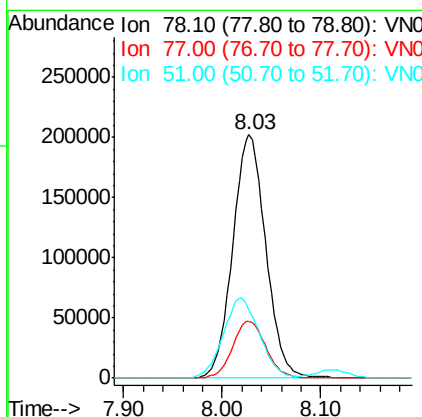
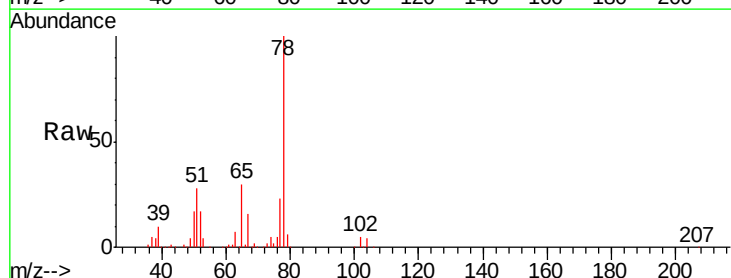
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

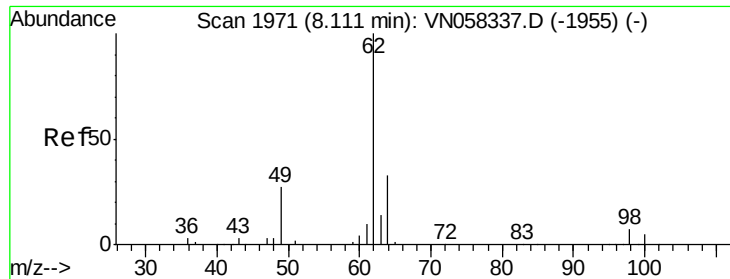
Tgt Ion: 117 Resp: 148930
Ion Ratio Lower Upper
117 100
119 92.8 74.2 111.4
121 29.9 23.9 35.9



#34
Benzene
Concen: 19.441 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 78 Resp: 471014
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2
51 28.0 22.4 33.6

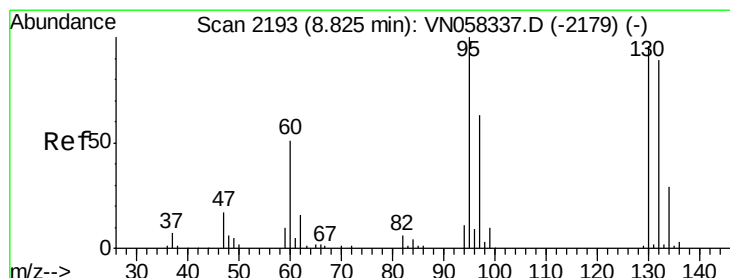
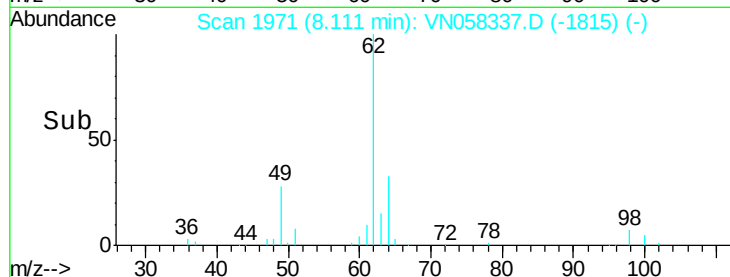
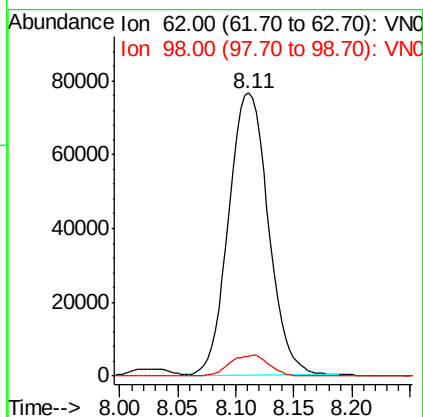
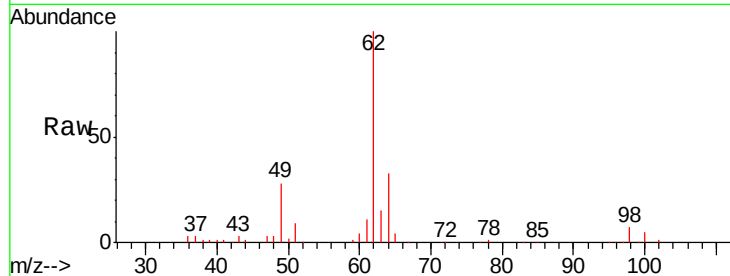




#36
 1,2-Dichloroethane
 Concen: 19.357 ug/l
 RT: 8.11 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

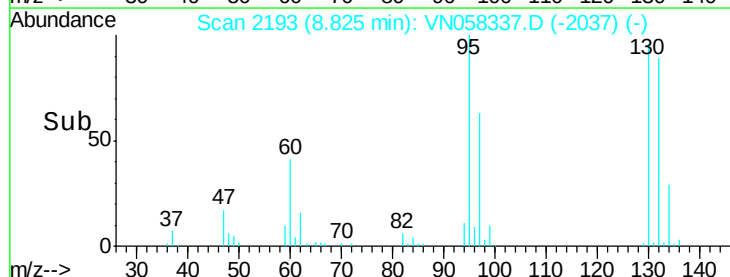
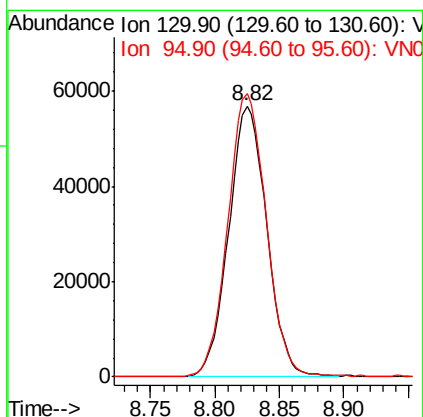
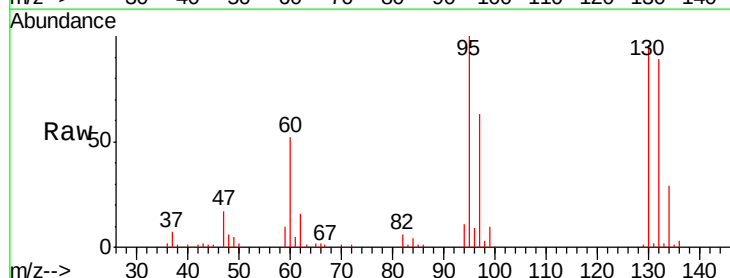
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

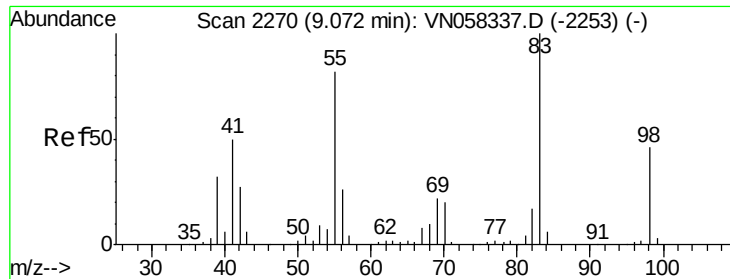
Tgt Ion: 62 Resp: 181833
 Ion Ratio Lower Upper
 62 100
 98 7.5 6.0 9.0



#37
 Trichloroethene
 Concen: 19.715 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 130 Resp: 116696
 Ion Ratio Lower Upper
 130 100
 95 104.1 83.3 124.9

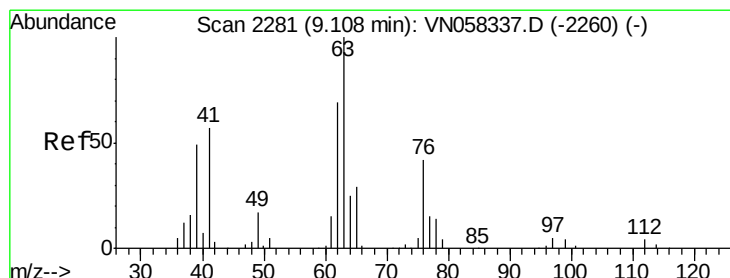
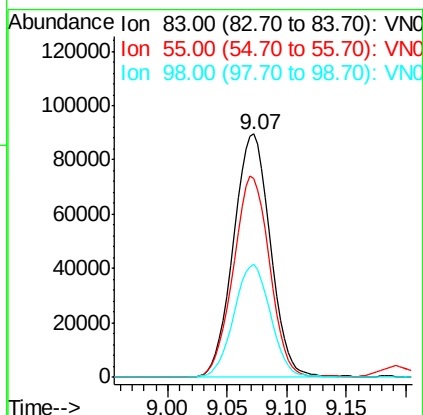
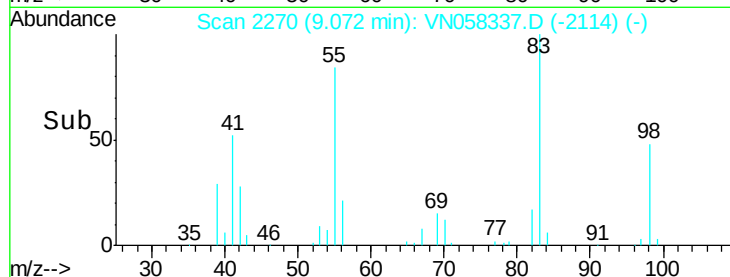
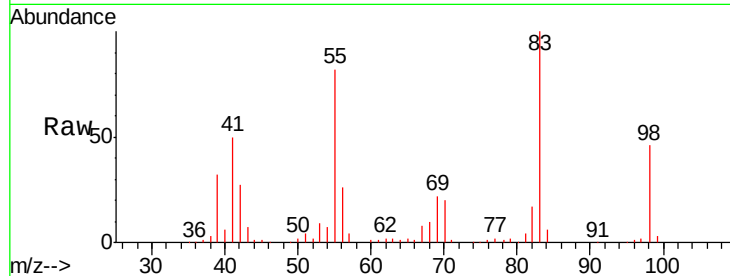




#38
Methylcyclohexane
Concen: 20.414 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

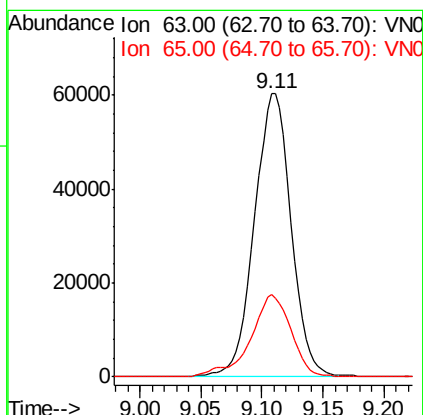
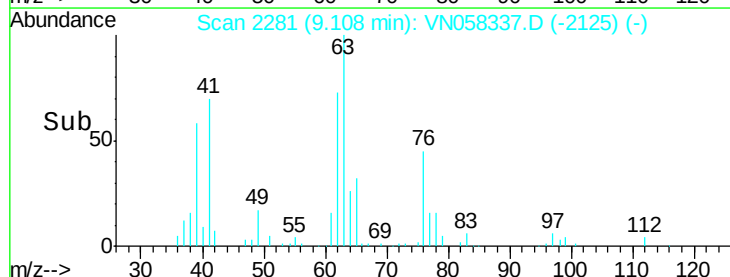
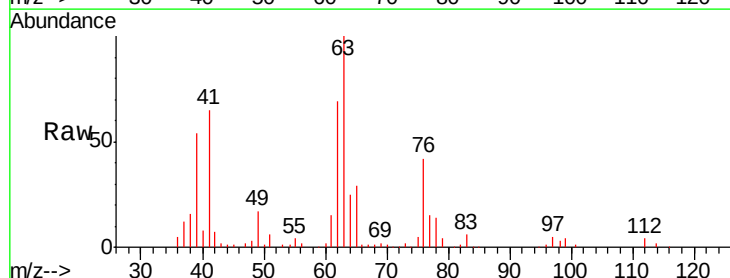
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

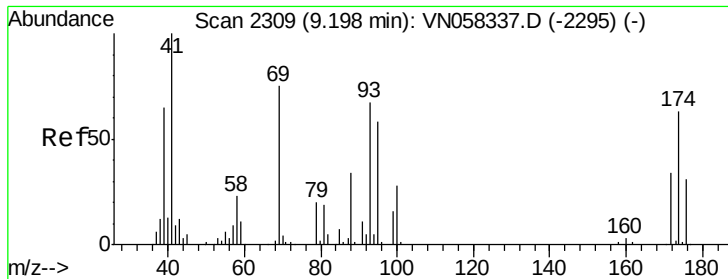
Tgt Ion: 83 Resp: 193400
Ion Ratio Lower Upper
83 100
55 80.9 40.5 121.4
98 46.1 23.1 69.2



#39
1,2-Dichloropropane
Concen: 18.673 ug/l
RT: 9.11 min Scan# 2281
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 63 Resp: 126137
Ion Ratio Lower Upper
63 100
65 29.2 23.4 35.0





#40

Dibromomethane

Concen: 19.393 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

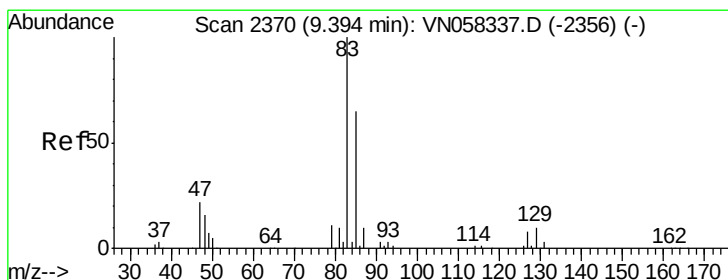
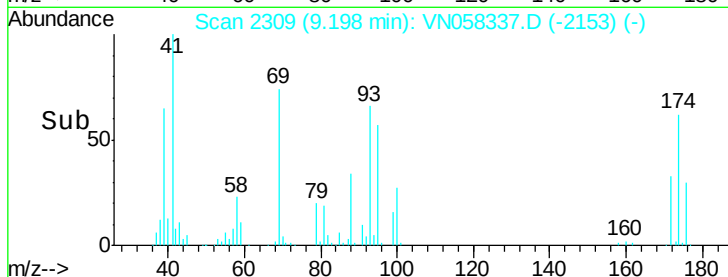
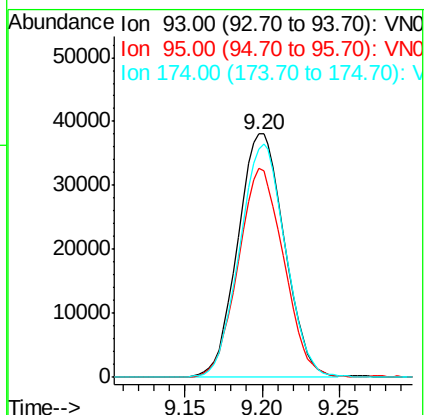
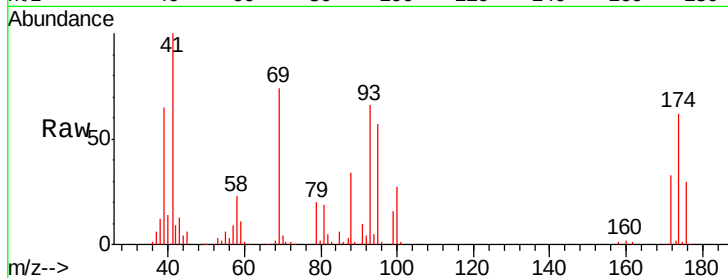
Tgt Ion: 93 Resp: 80144

Ion Ratio Lower Upper

93 100

95 83.4 0.0 166.8

174 93.6 0.0 187.2



#41

Bromodichloromethane

Concen: 18.528 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

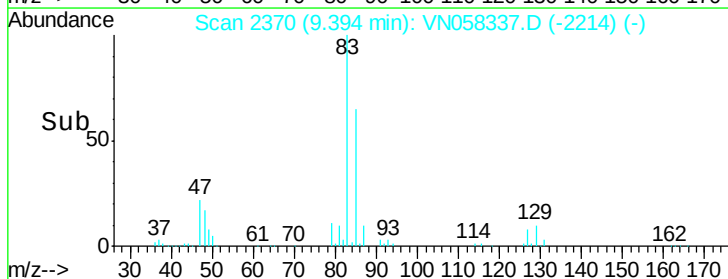
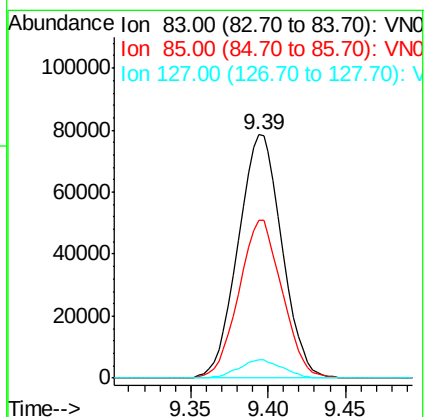
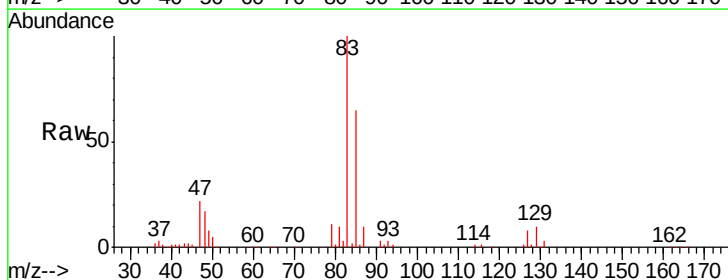
Tgt Ion: 83 Resp: 154454

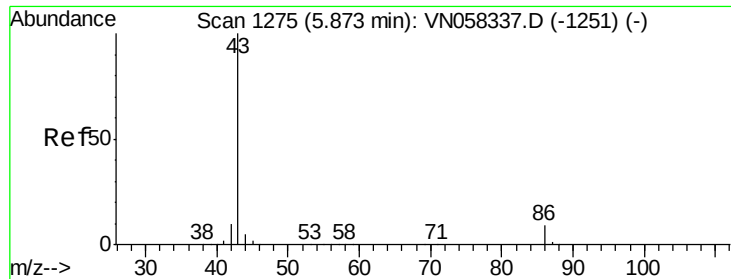
Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

127 7.6 6.1 9.1

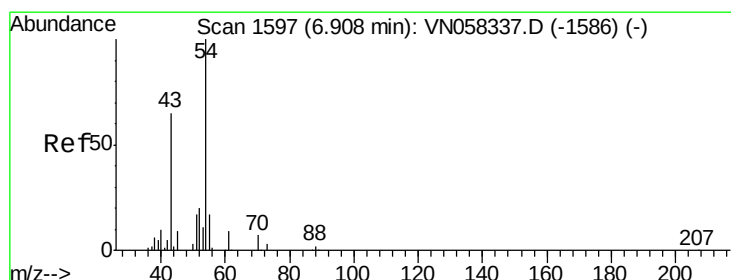
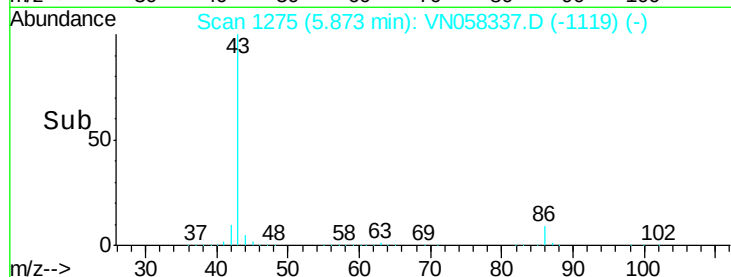
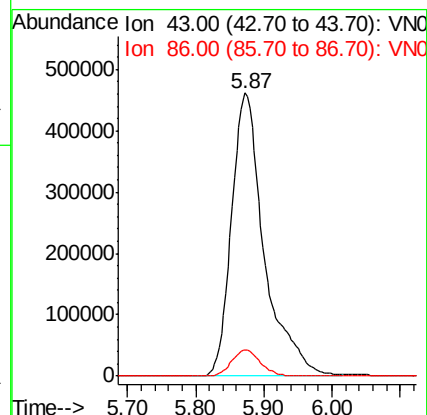
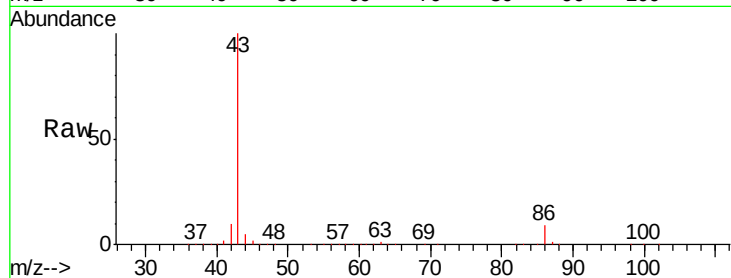




#42
 Vinyl Acetate
 Concen: 103.630 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

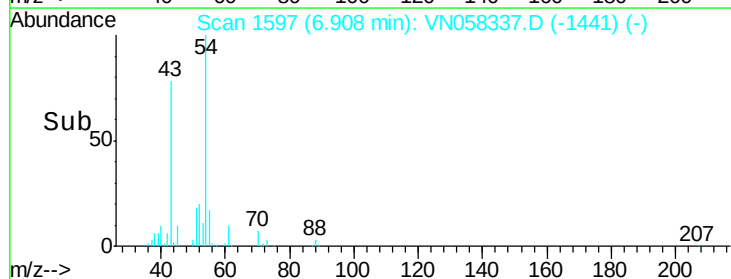
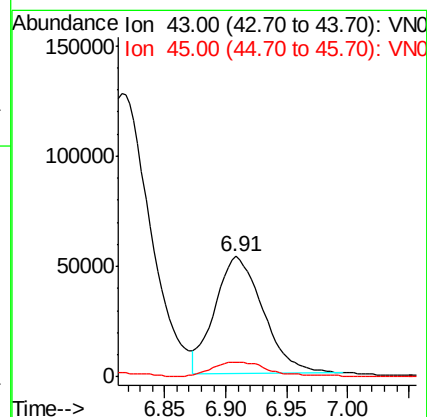
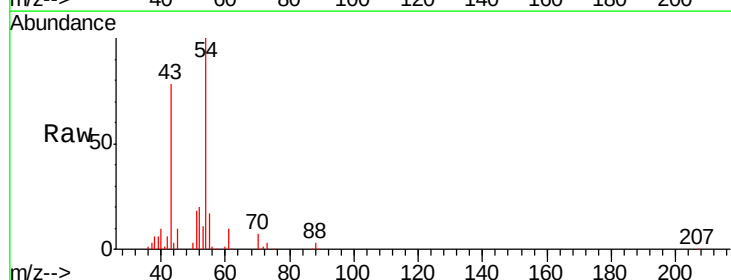
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

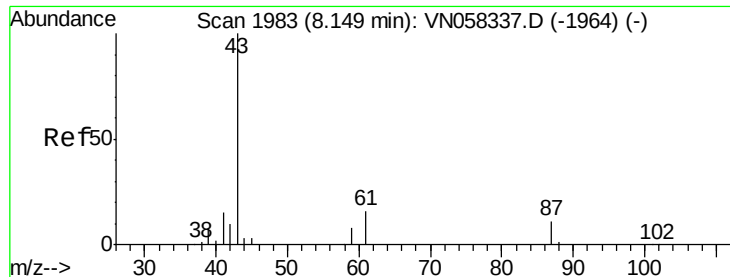
Tgt Ion: 43 Resp: 1538335
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.6 9.8



#43
 Ethyl Acetate
 Concen: 19.460 ug/l
 RT: 6.91 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 43 Resp: 145765
 Ion Ratio Lower Upper
 43 100
 45 12.2 9.8 14.6





#44

Isopropyl Acetate

Concen: 19.772 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampled :

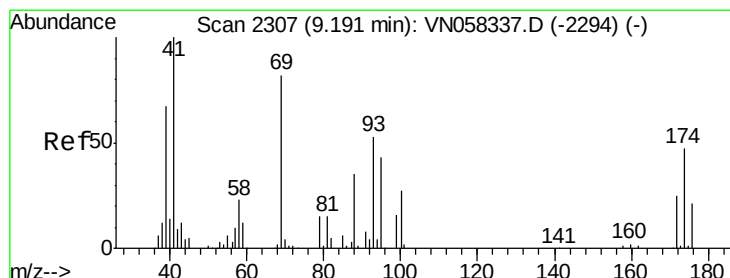
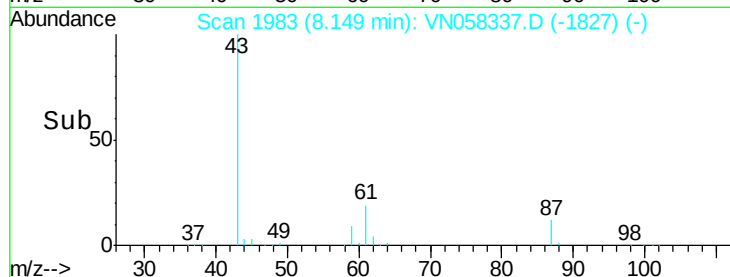
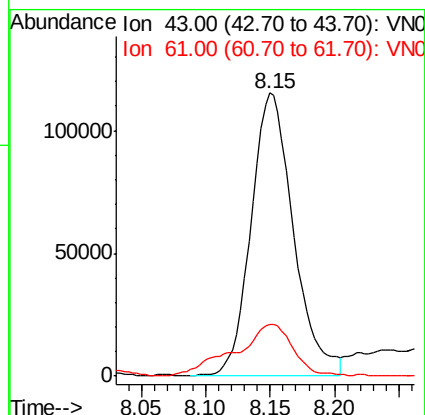
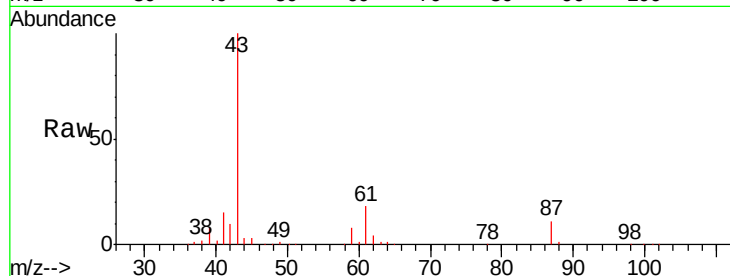
VSTDICCC020

Tgt Ion: 43 Resp: 262769

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6



#45

1,4-Dioxane

Concen: 428.568 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

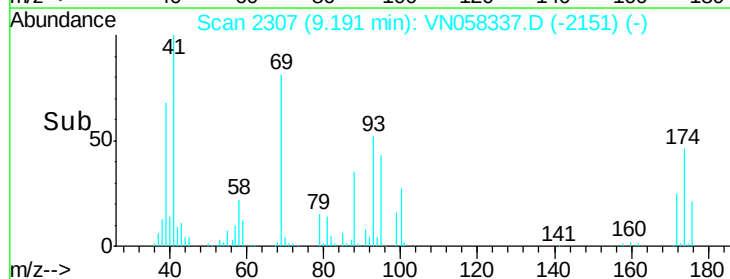
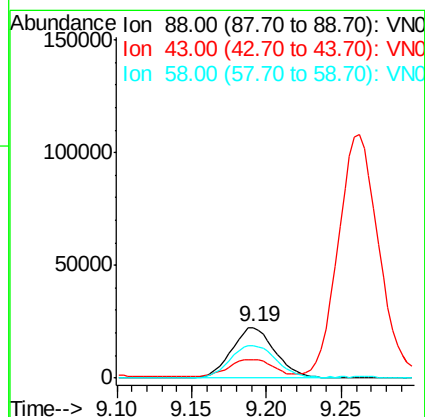
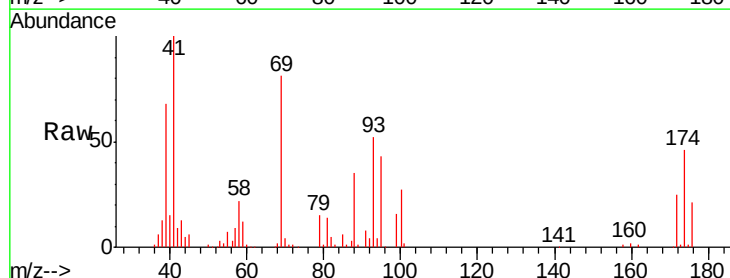
Tgt Ion: 88 Resp: 45547

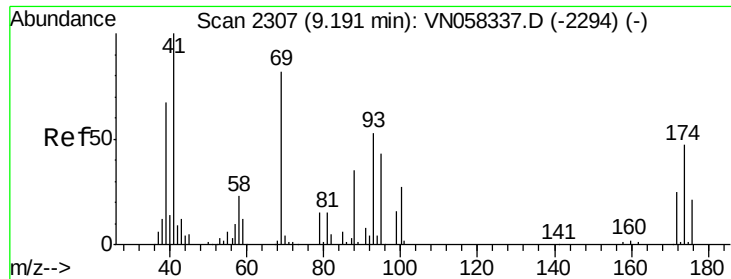
Ion Ratio Lower Upper

88 100

43 34.0 27.2 40.8

58 69.2 55.4 83.0

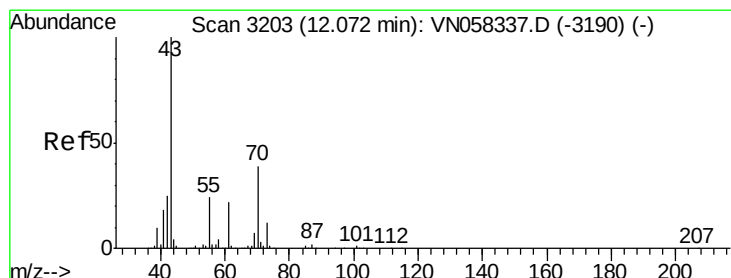
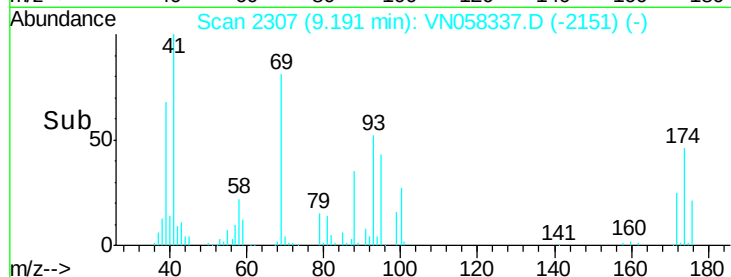
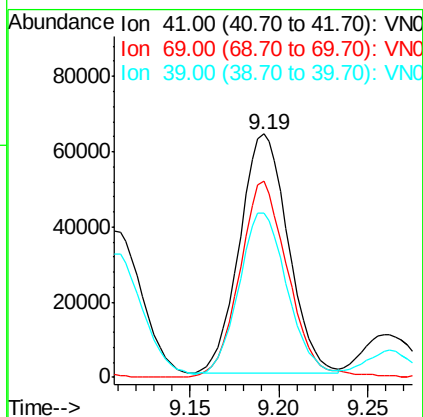
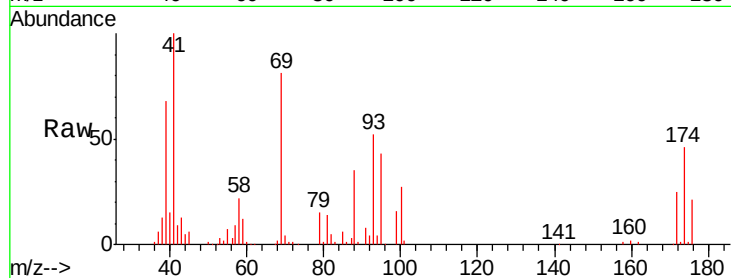




#46
Methyl methacrylate
Concen: 18.855 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

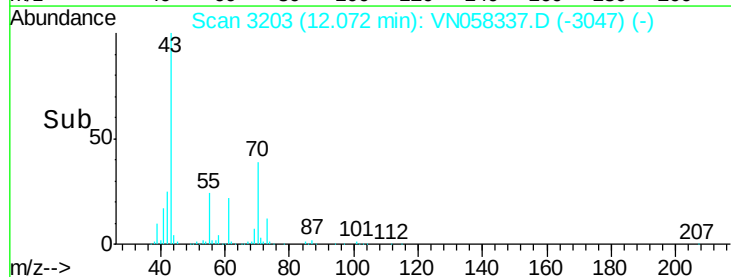
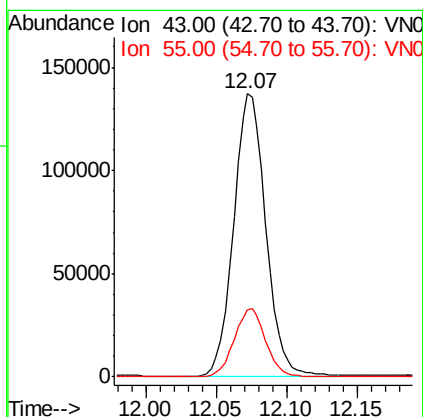
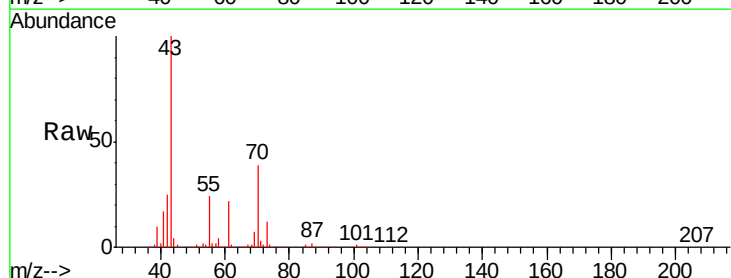
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

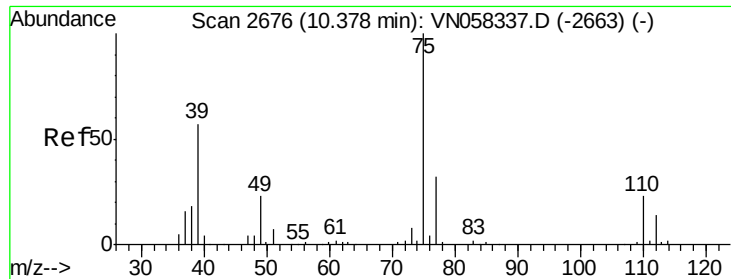
Tgt Ion: 41 Resp: 121155
Ion Ratio Lower Upper
41 100
69 81.8 40.9 122.7
39 67.1 33.6 100.6



#47
n-ethyl acetate
Concen: 18.132 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 43 Resp: 218346
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.4

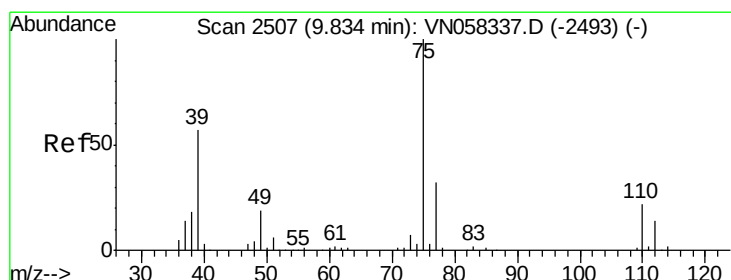
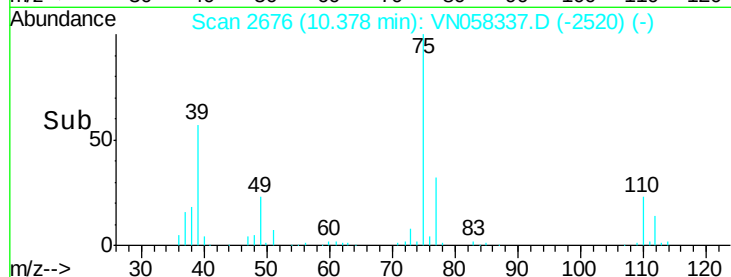
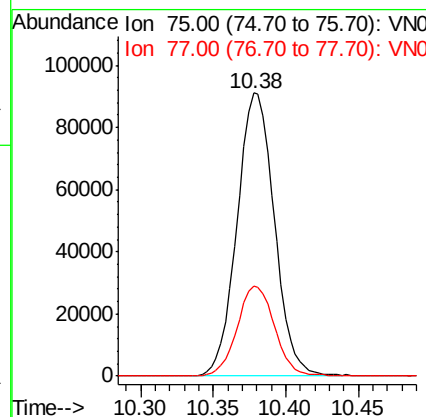
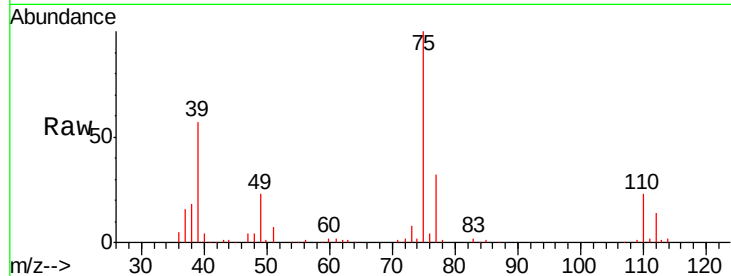




#48
 t-1,3-Dichloropropene
 Concen: 18.263 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

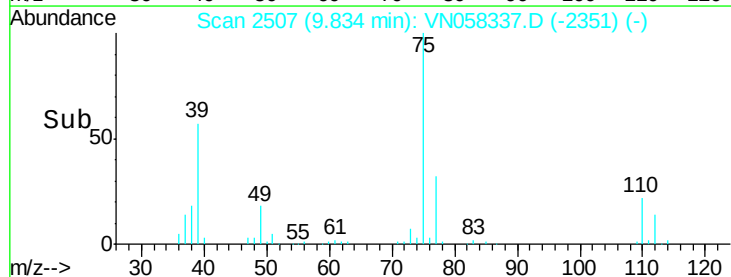
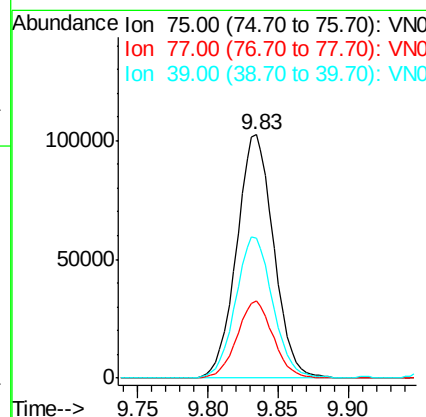
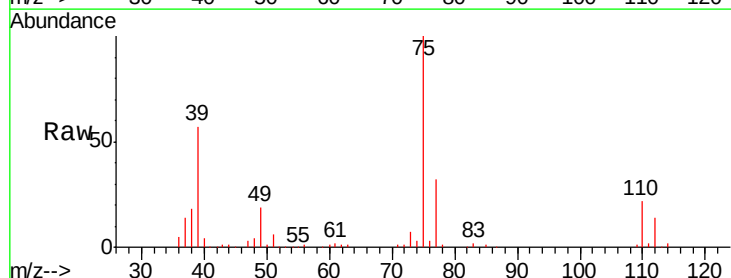
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

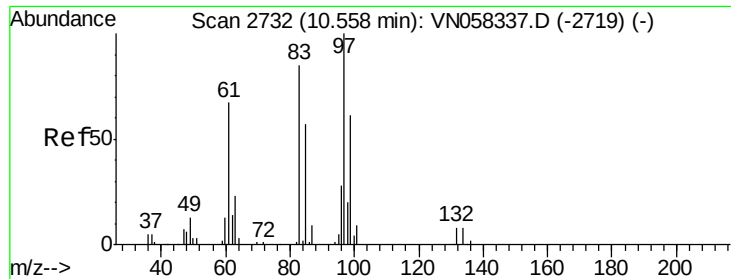
Tgt Ion: 75 Resp: 162988
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#49
 cis-1,3-Dichloropropene
 Concen: 18.807 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 75 Resp: 188661
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 57.2 45.8 68.6

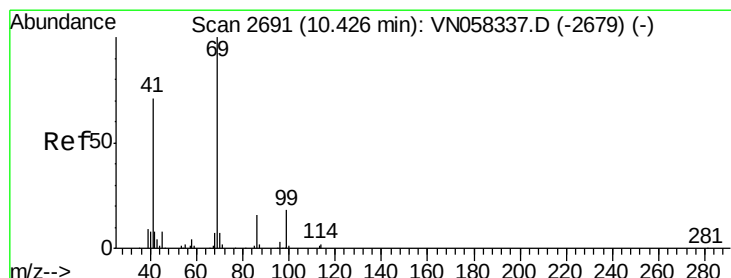
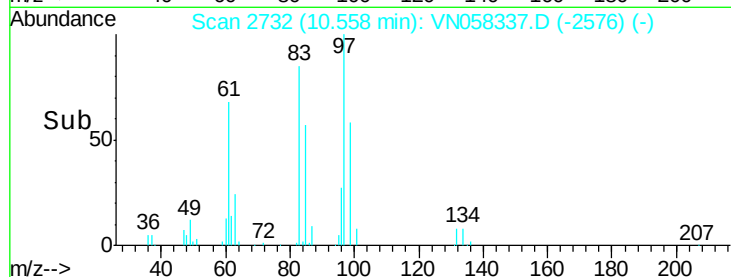
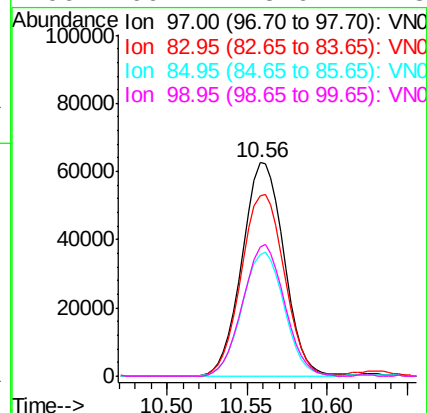
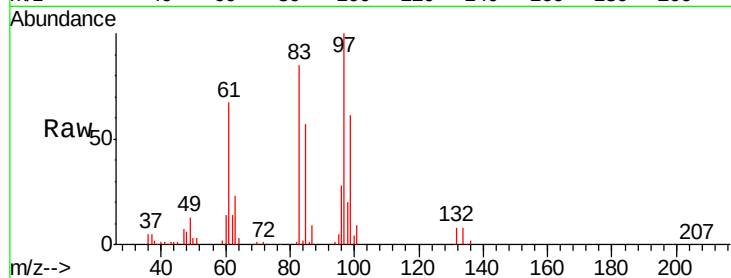




#50
 1,1,2-Trichloroethane
 Concen: 18.788 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

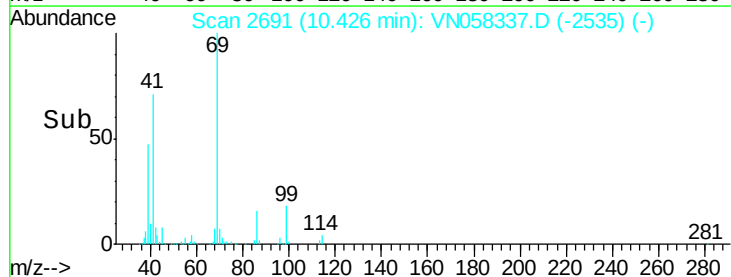
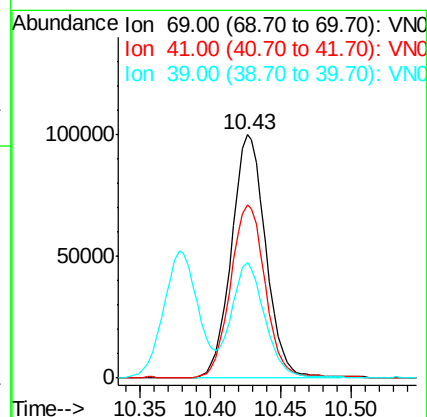
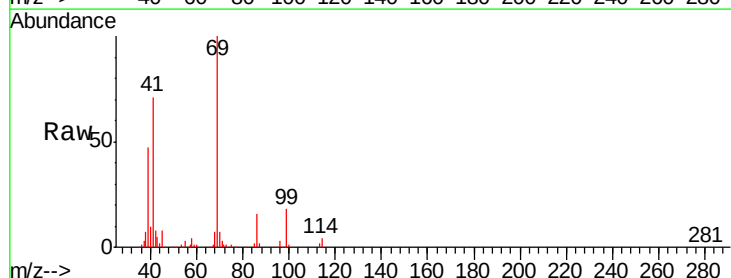
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

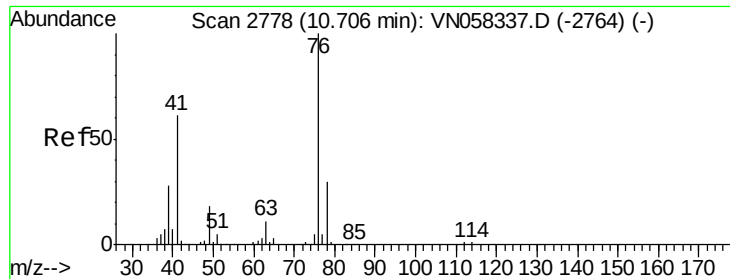
Tgt Ion: 97 Resp: 111968
 Ion Ratio Lower Upper
 97 100
 83 84.7 67.8 101.6
 85 57.2 45.8 68.6
 99 60.7 48.6 72.8



#51
 Ethyl methacrylate
 Concen: 18.329 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 69 Resp: 170311
 Ion Ratio Lower Upper
 69 100
 41 70.7 35.4 106.1
 39 47.0 23.5 70.5





#52

1,3-Dichloropropane

Concen: 19.121 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampled :

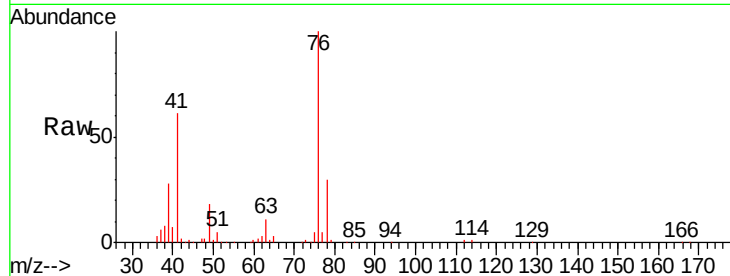
VSTDICCC020

Tgt Ion: 76 Resp: 200306

Ion Ratio Lower Upper

76 100

78 31.5 0.0 63.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

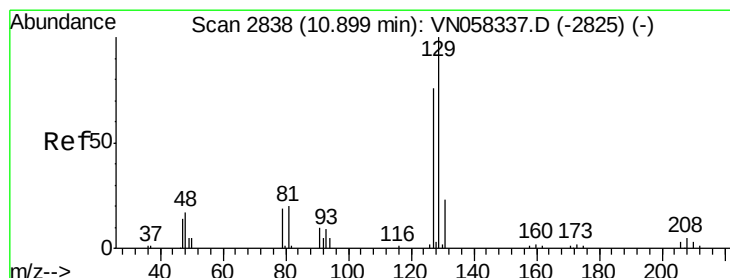
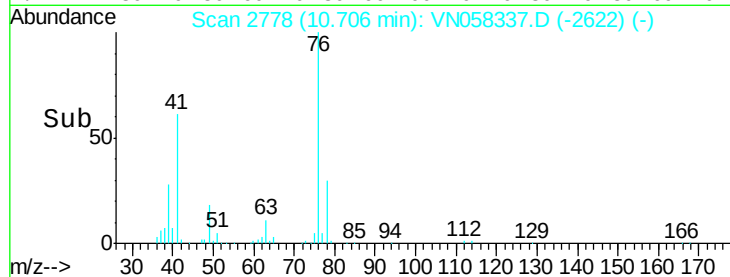
10.71

100000

50000

0

Time-->



#53

Dibromochloromethane

Concen: 17.826 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN058337.D

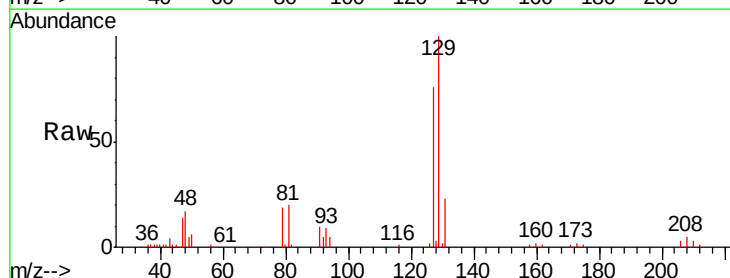
Acq: 24 Sep 2019 10:30

Tgt Ion: 129 Resp: 106089

Ion Ratio Lower Upper

129 100

127 76.8 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

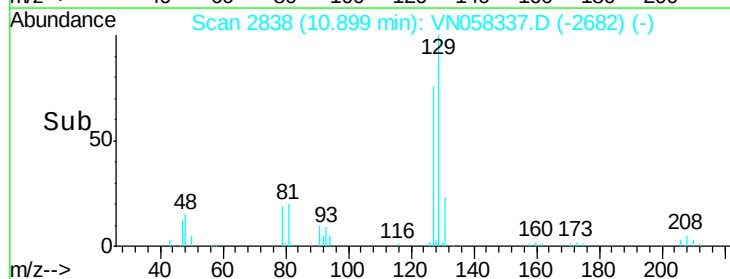
60000

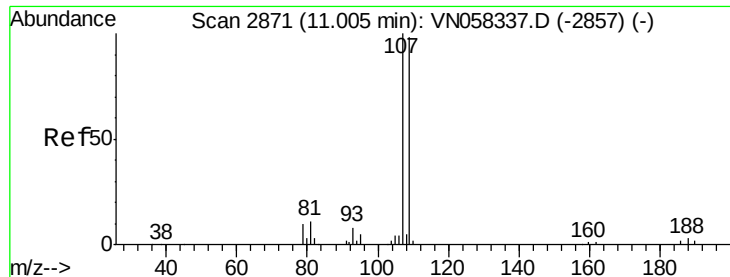
40000

20000

0

Time-->

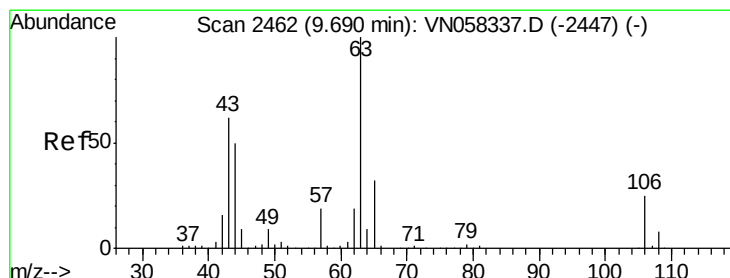
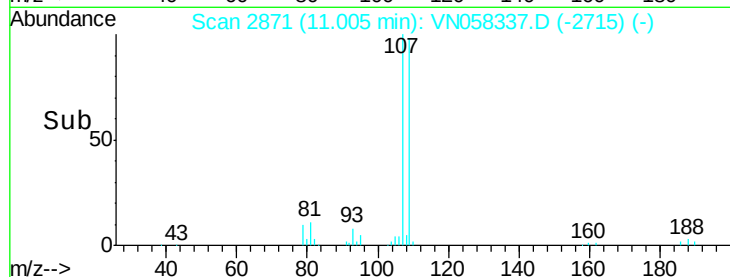
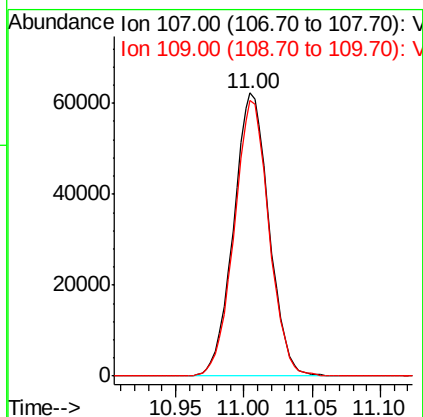
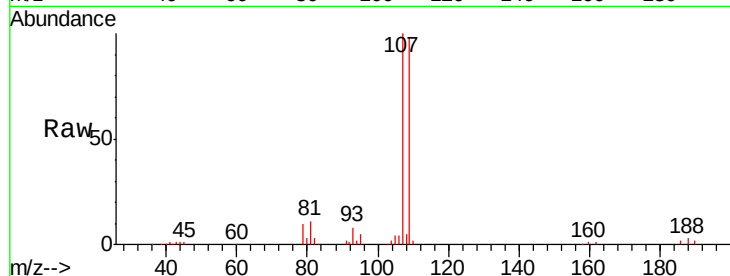




#54
 1,2-Dibromoethane
 Concen: 18.794 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

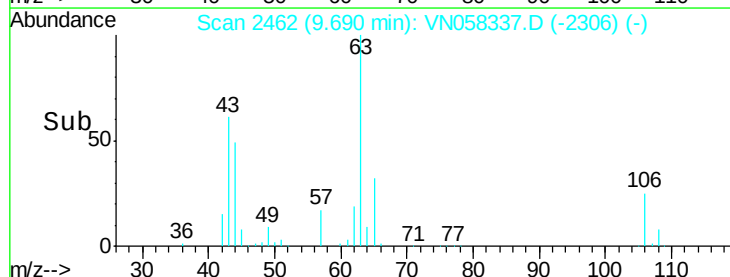
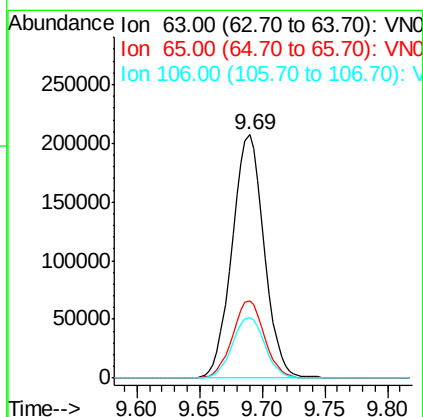
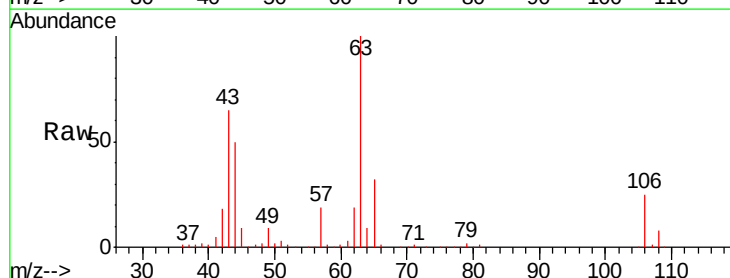
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

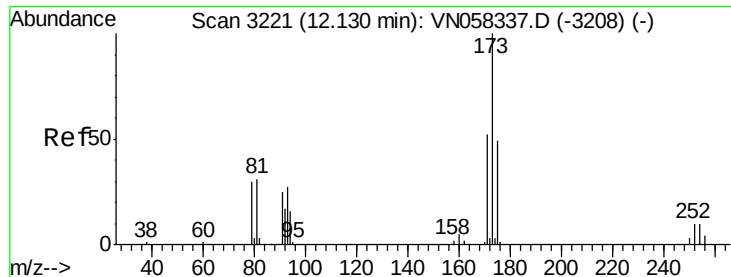
Tgt Ion: 107 Resp: 112187
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.5 114.7



#55
 2-Chloroethyl vinyl ether
 Concen: 86.146 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 63 Resp: 367827
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2
 106 25.5 20.4 30.6

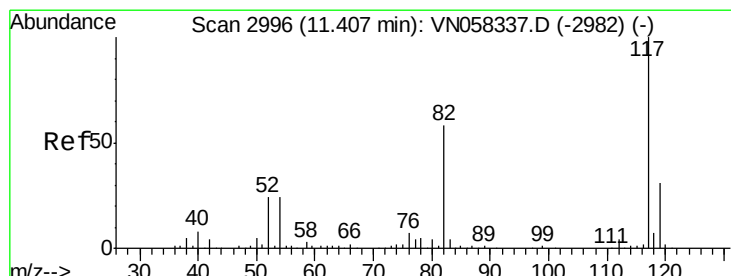
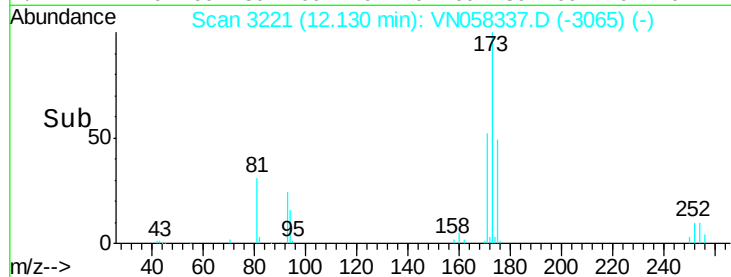
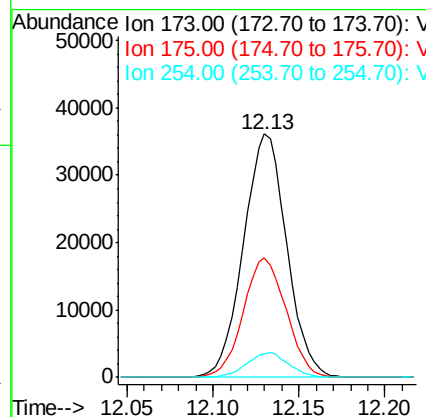
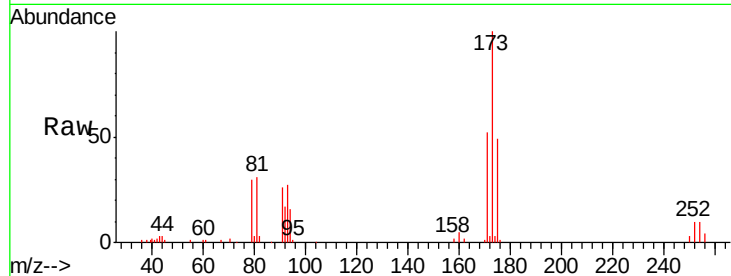




#56
Bromoform
Concen: 17.128 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

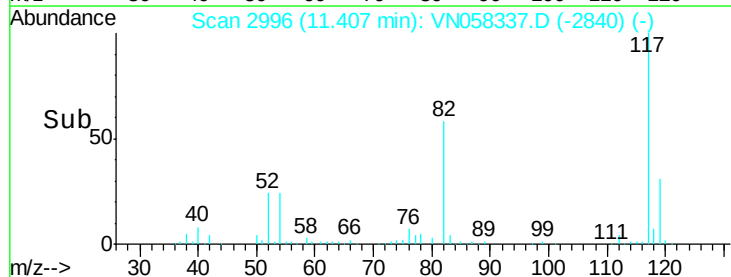
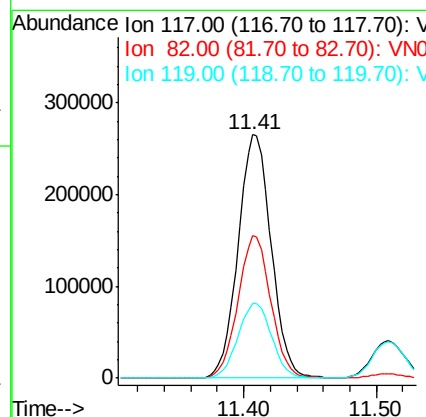
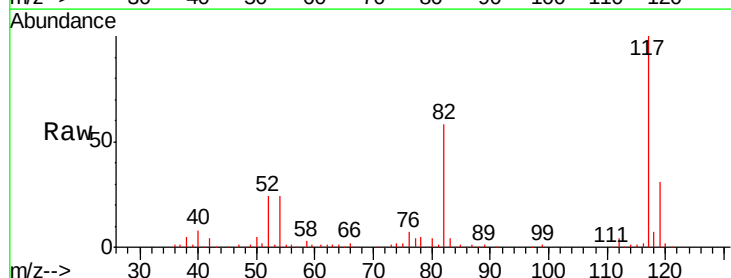
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

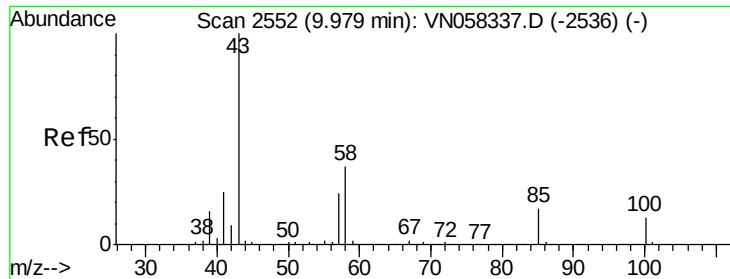
Tgt Ion:173 Resp: 63115
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.8 7.8 11.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion:117 Resp: 459778
Ion Ratio Lower Upper
117 100
82 58.0 46.4 69.6
119 31.4 25.1 37.7

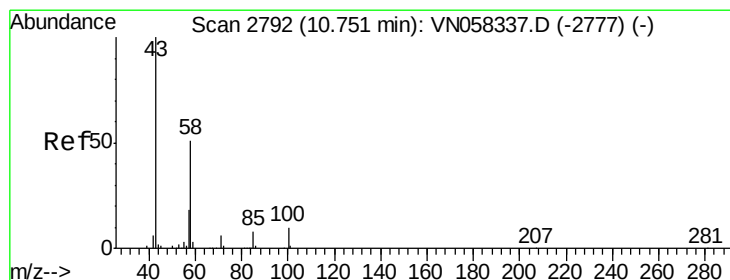
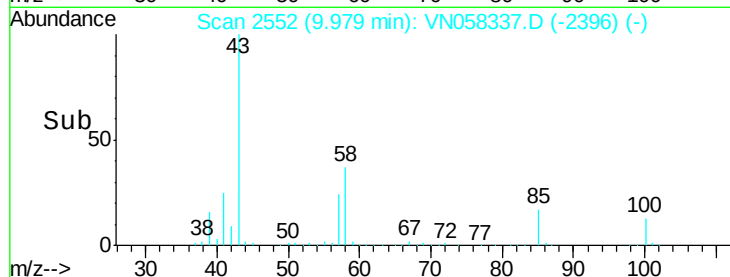
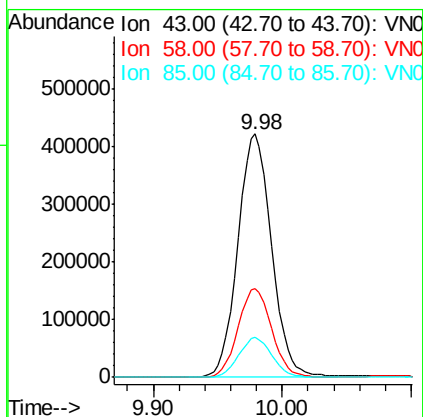
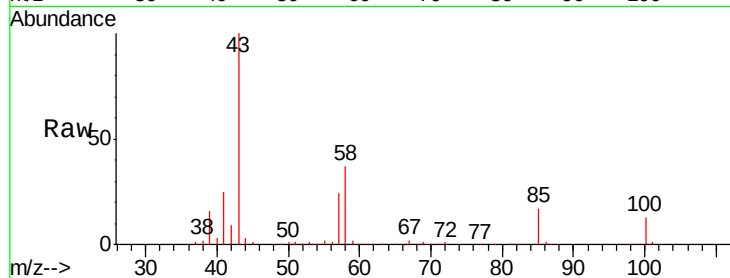




#58
 4-Methyl-2-Pentanone
 Concen: 106.354 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

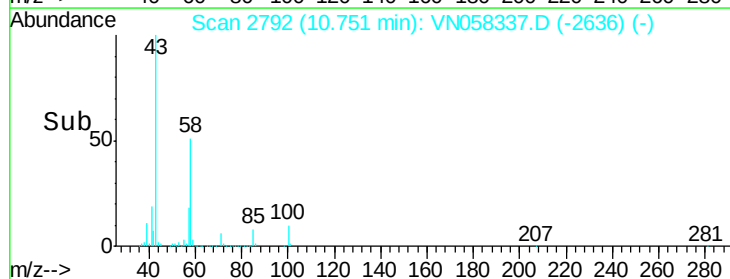
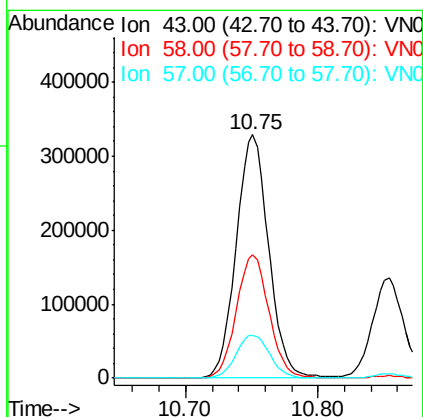
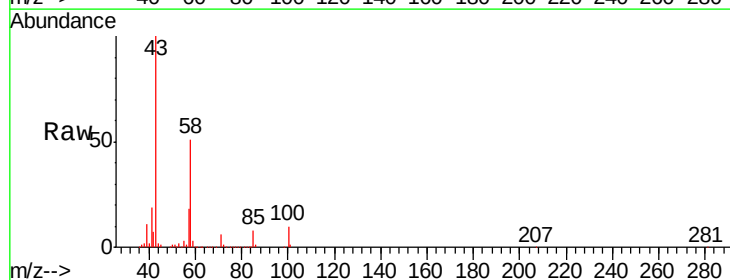
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

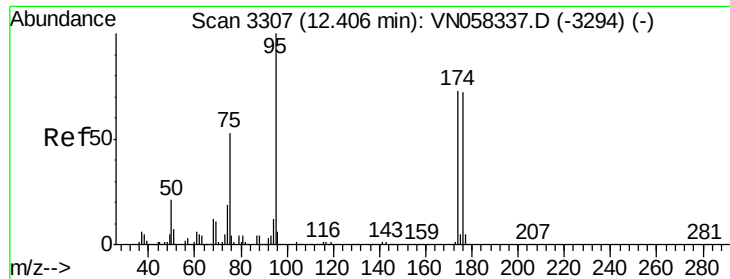
Tgt Ion: 43 Resp: 764726
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.3 43.9
 85 16.4 13.1 19.7



#59
 2-Hexanone
 Concen: 103.199 ug/l
 RT: 10.75 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 43 Resp: 557338
 Ion Ratio Lower Upper
 43 100
 58 50.9 40.7 61.1
 57 18.4 14.7 22.1

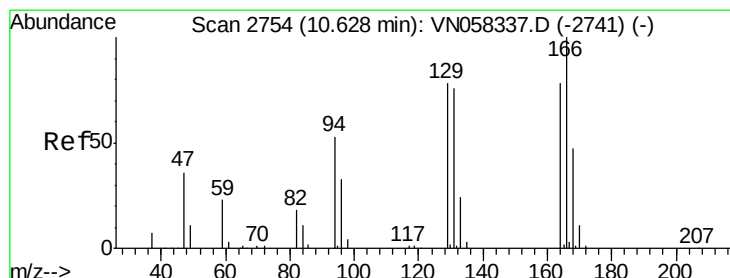
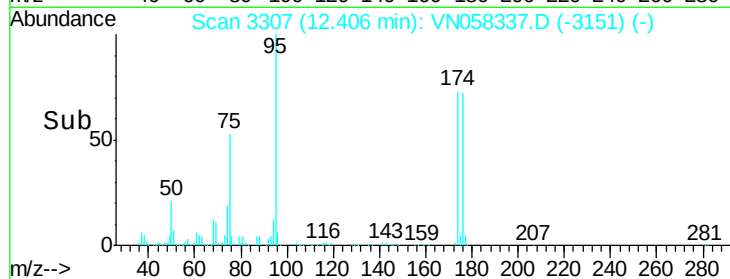
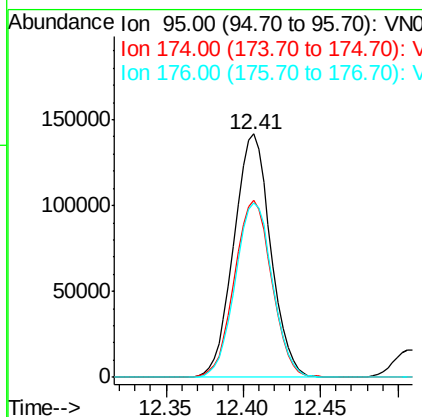
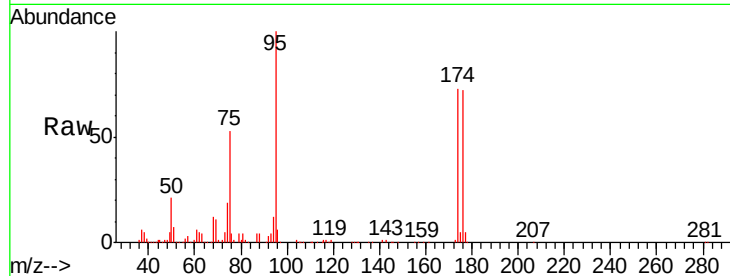




#60
4-Bromofluorobenzene
Concen: 29.677 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

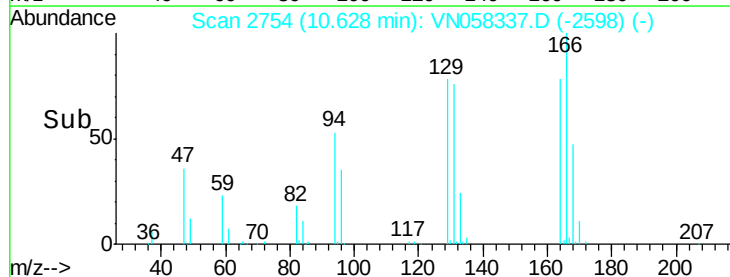
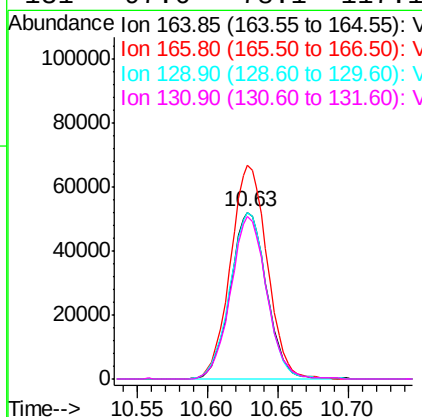
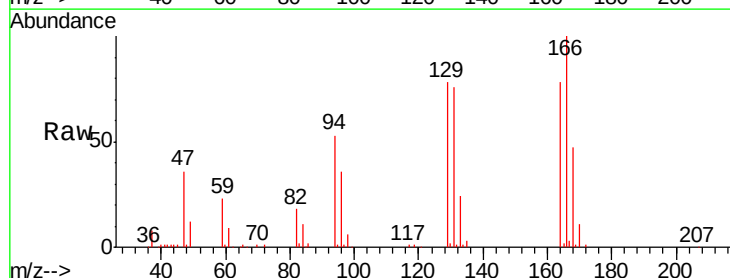
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

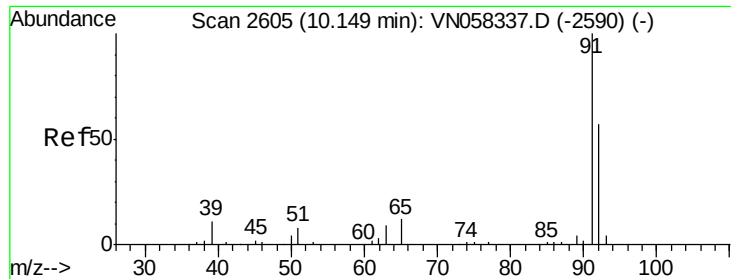
Tgt Ion: 95 Resp: 234558
Ion Ratio Lower Upper
95 100
174 73.8 59.0 88.6
176 72.7 58.2 87.2



#61
Tetrachloroethene
Concen: 19.913 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 164 Resp: 94072
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 99.7 79.8 119.6
131 97.6 78.1 117.1





#62

Toluene

Concen: 19.830 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

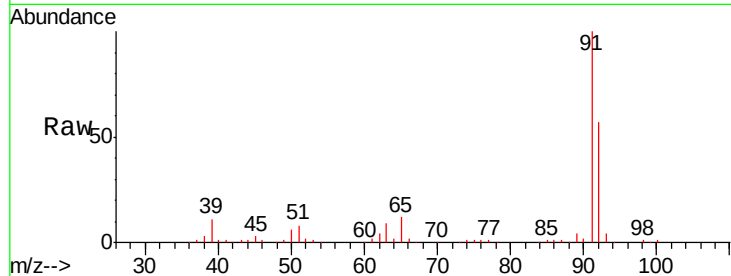
VSTDICCC020

Tgt Ion: 91 Resp: 506616

Ion Ratio Lower Upper

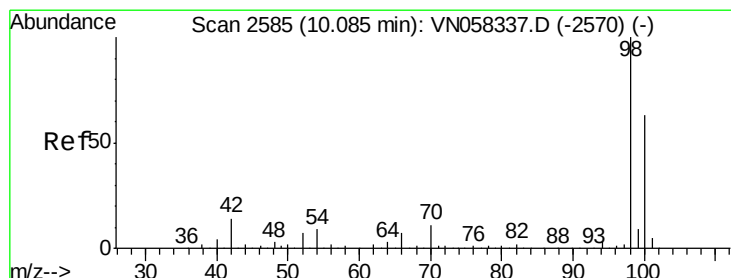
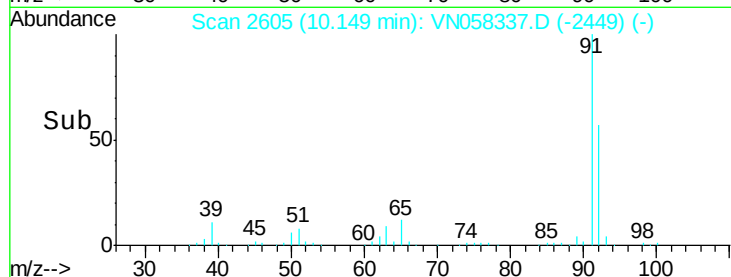
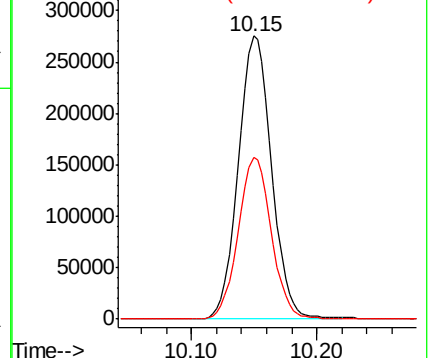
91 100

92 56.9 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0



#63

Toluene-d8

Concen: 29.936 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058337.D

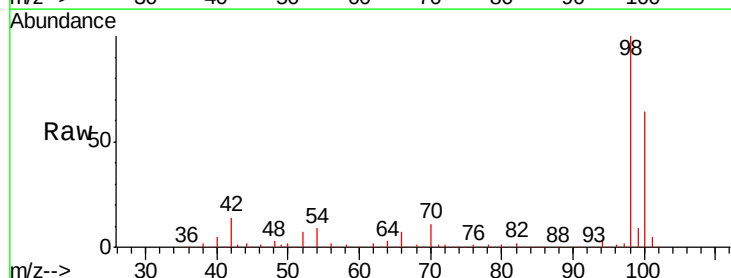
Acq: 24 Sep 2019 10:30

Tgt Ion: 98 Resp: 657600

Ion Ratio Lower Upper

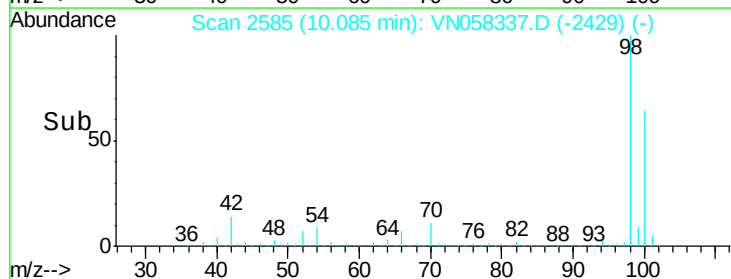
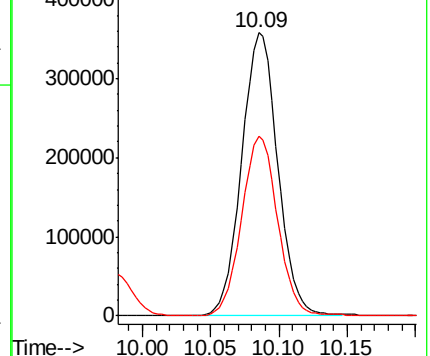
98 100

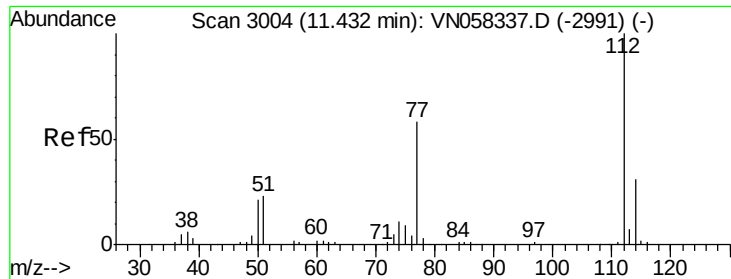
100 62.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

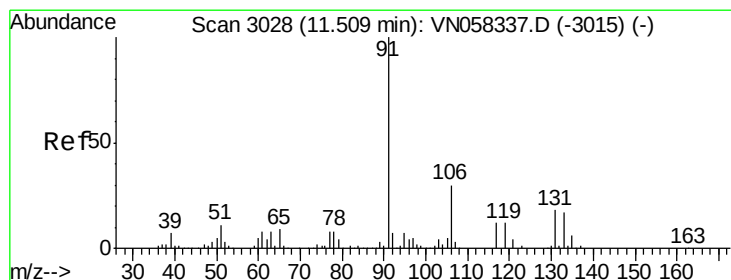
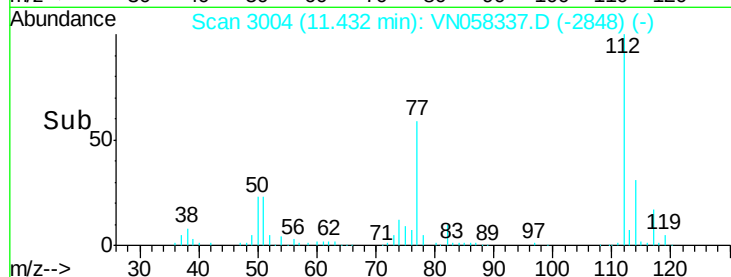
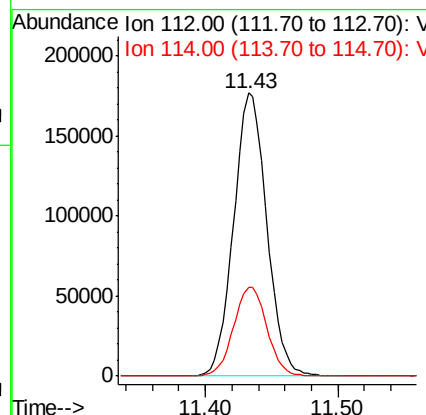
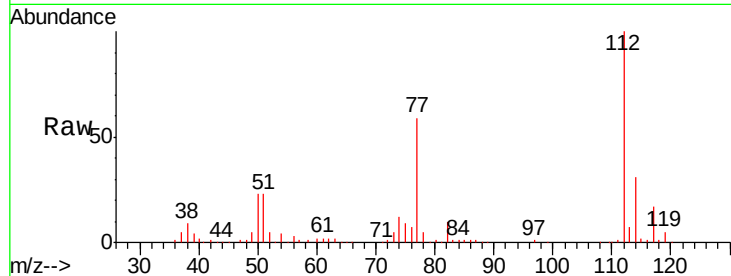




#64
Chlorobenzene
Concen: 19.390 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

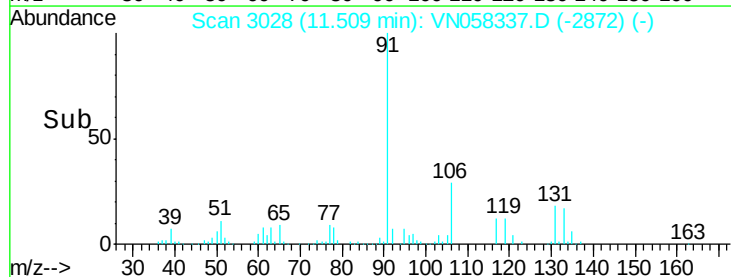
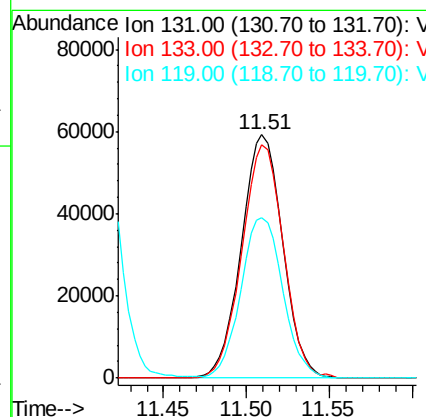
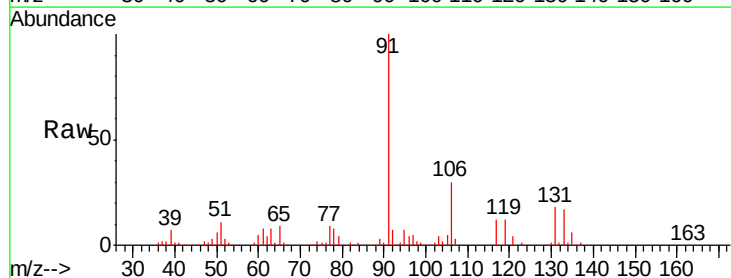
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

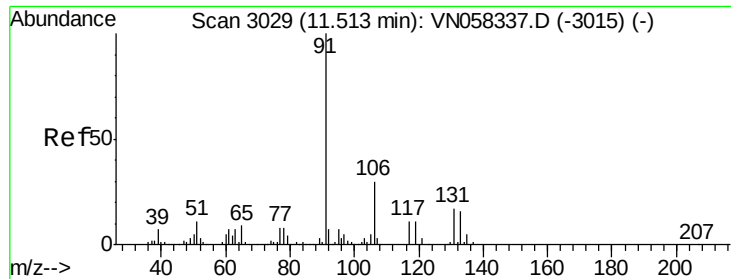
Tgt Ion:112 Resp: 307104
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#65
1,1,1,2-Tetrachloroethane
Concen: 18.714 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion:131 Resp: 103208
Ion Ratio Lower Upper
131 100
133 95.9 0.0 191.8
119 67.1 0.0 134.2





#66

Ethyl Benzene

Concen: 20.254 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampled :

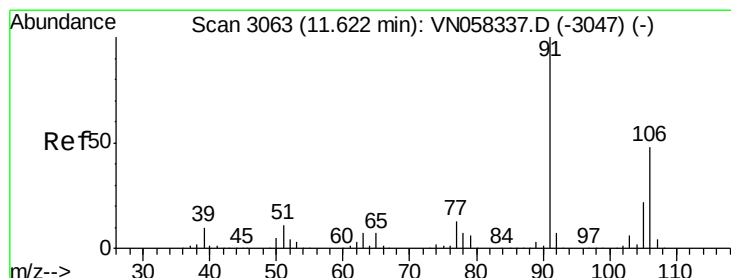
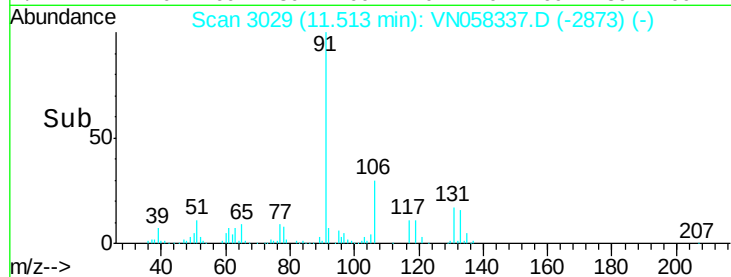
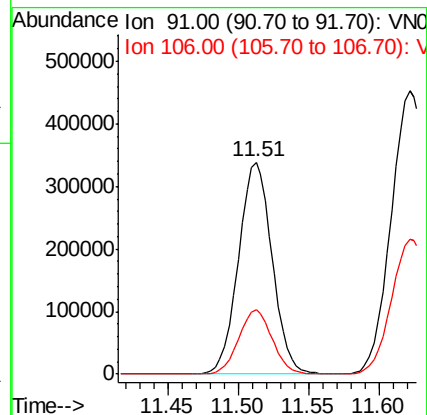
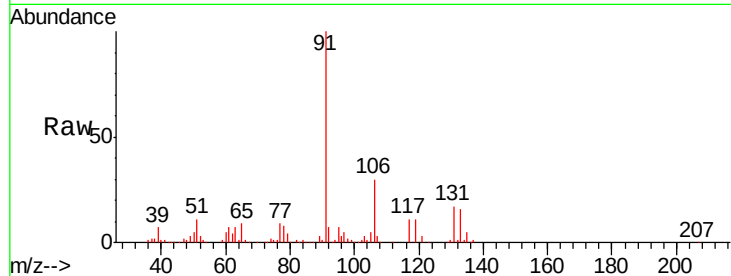
VSTDICCC020

Tgt Ion: 91 Resp: 566355

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#67

m/p-Xylenes

Concen: 38.984 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058337.D

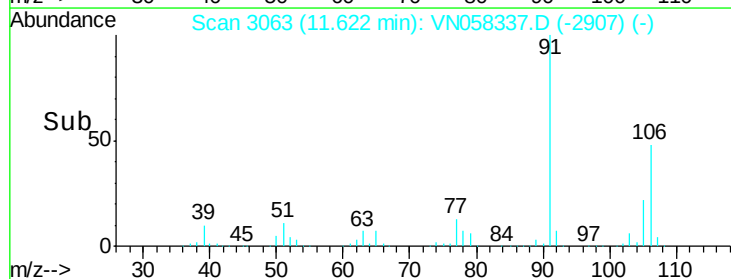
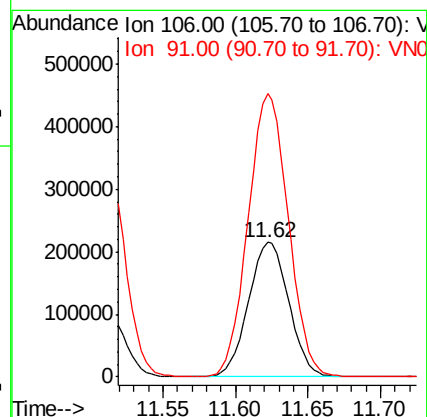
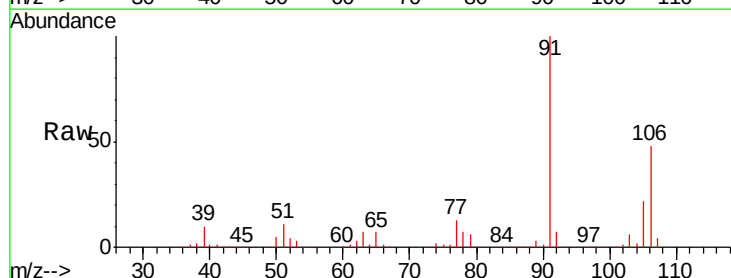
Acq: 24 Sep 2019 10:30

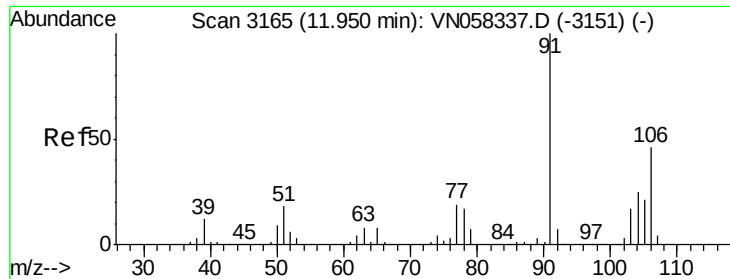
Tgt Ion: 106 Resp: 416411

Ion Ratio Lower Upper

106 100

91 209.7 167.8 251.6

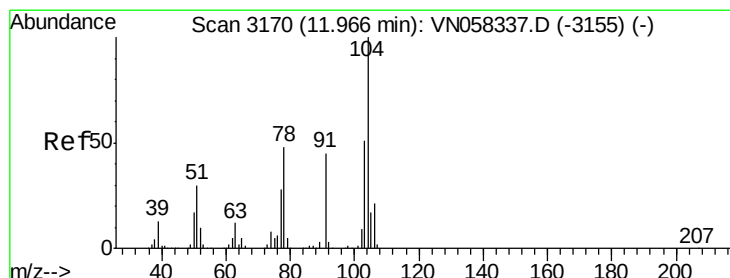
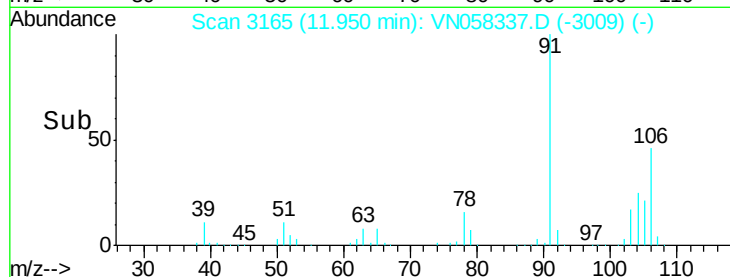
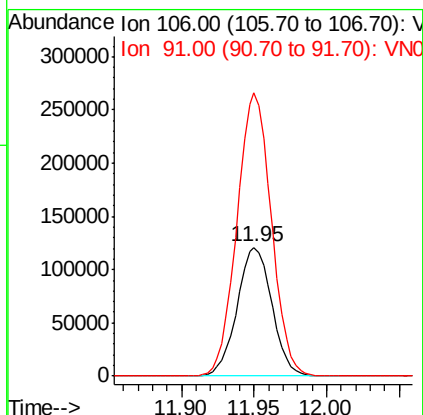
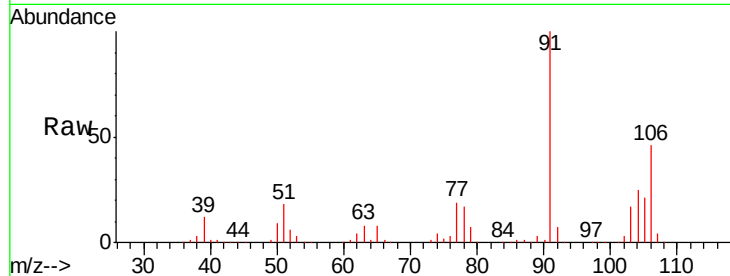




#68
o-Xylene
Concen: 19.237 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

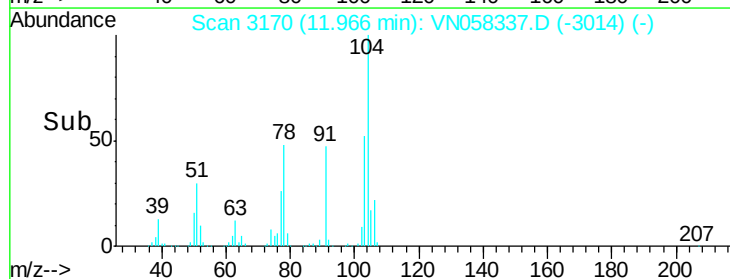
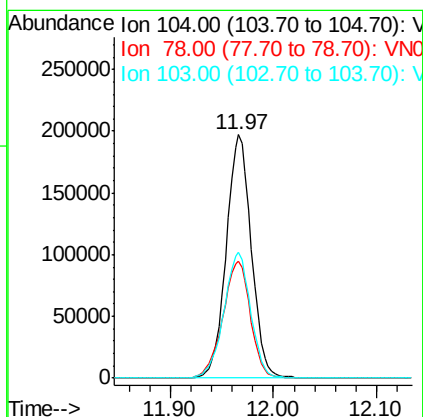
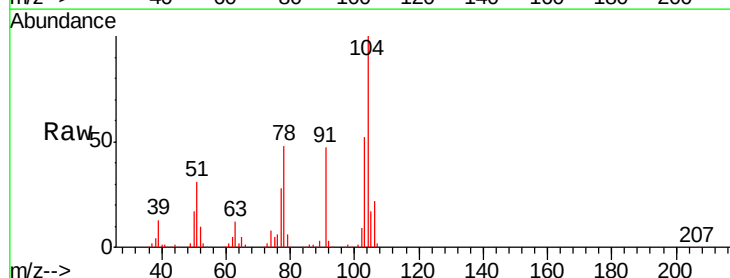
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

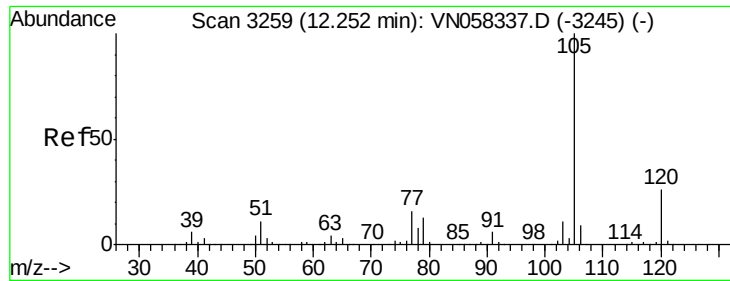
Tgt Ion:106 Resp: 201641
Ion Ratio Lower Upper
106 100
91 217.3 108.7 325.9



#69
Styrene
Concen: 18.787 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion:104 Resp: 333734
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.1 44.1 66.1





#70

Isopropylbenzene

Concen: 19.898 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

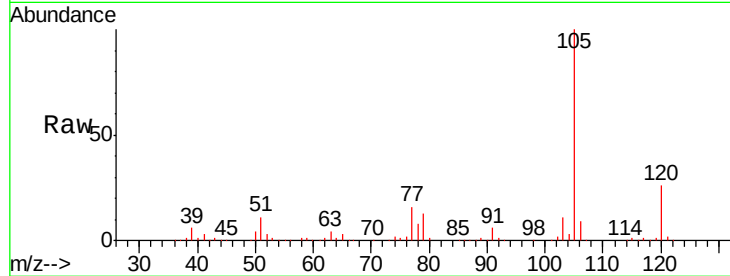
VSTDICCC020

Tgt Ion: 105 Resp: 547571

Ion Ratio Lower Upper

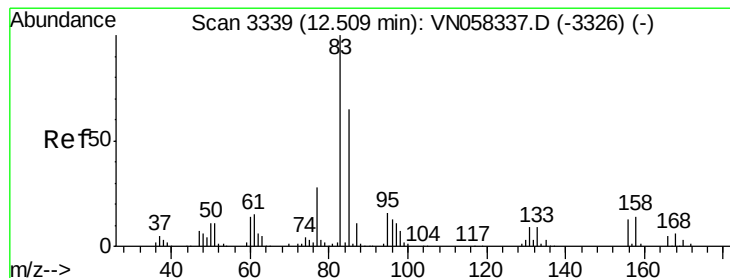
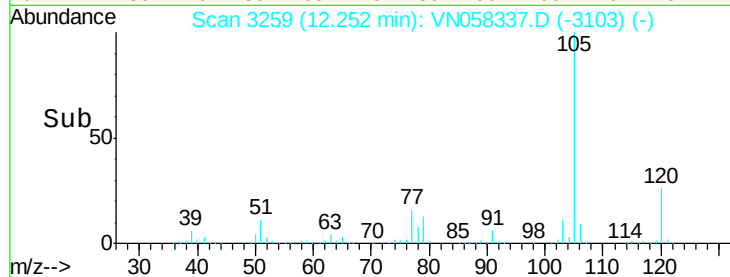
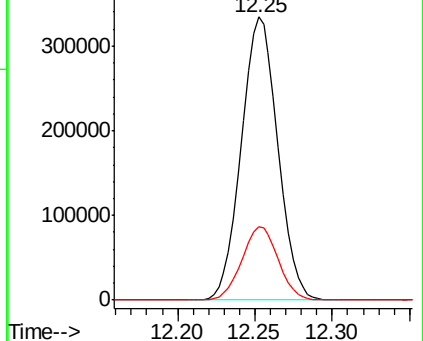
105 100

120 26.0 18.2 33.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 19.008 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

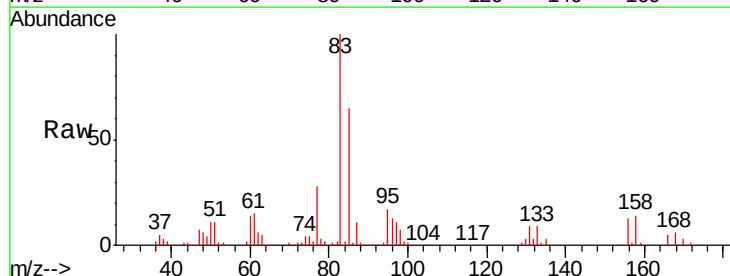
Tgt Ion: 83 Resp: 163442

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

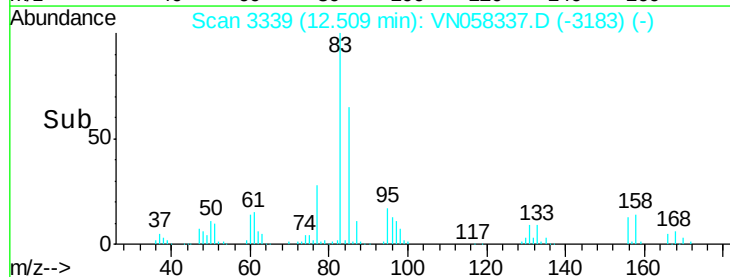
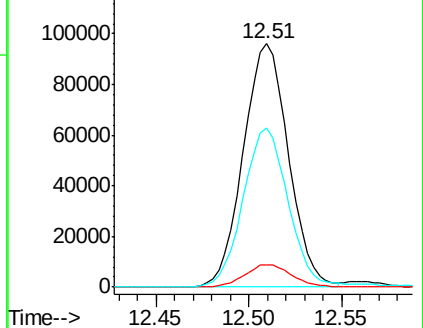
85 65.1 32.6 97.7

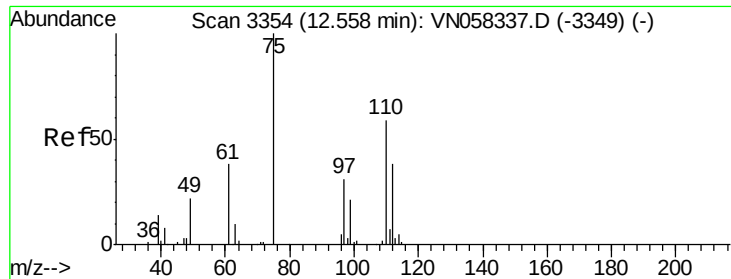


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VNO





#72

1,2,3-Trichloropropane

Concen: 26.321 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

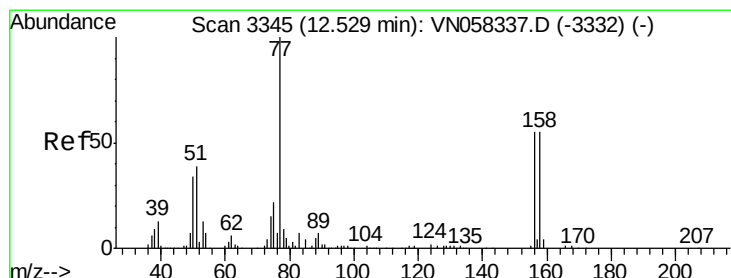
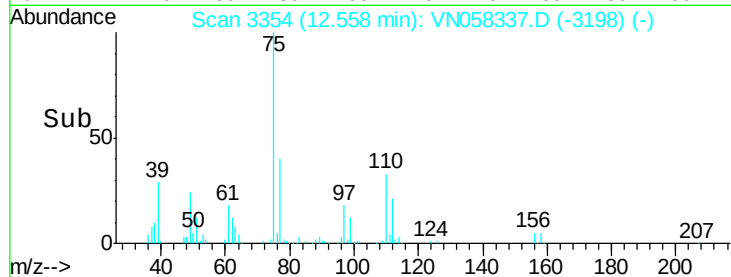
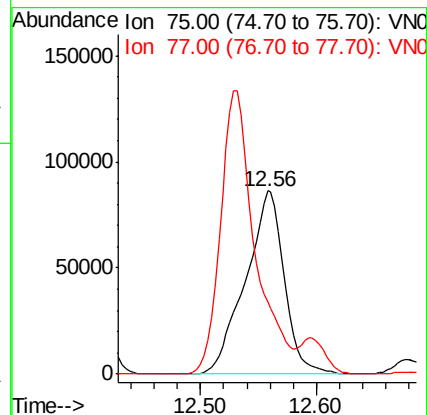
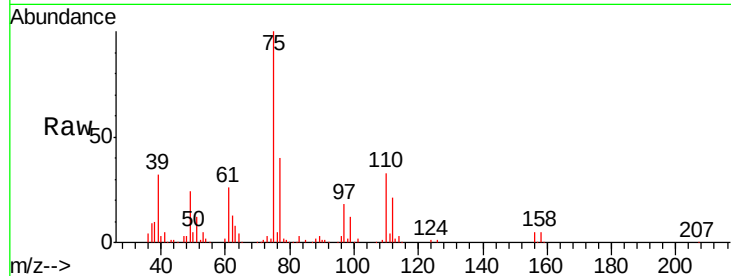
VSTDICCC020

Tgt Ion: 75 Resp: 200859

Ion Ratio Lower Upper

75 100

77 137.0 0.0 382.4



#73

Bromobenzene

Concen: 18.883 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

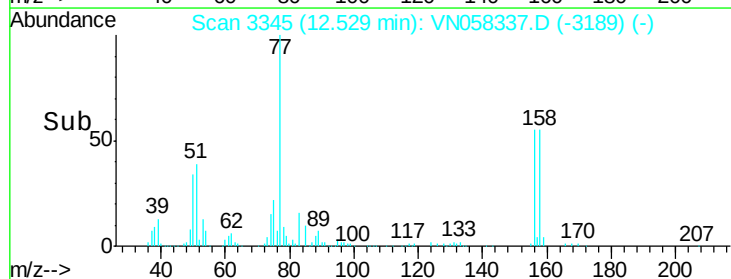
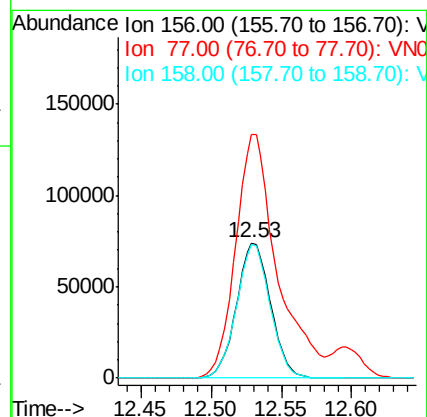
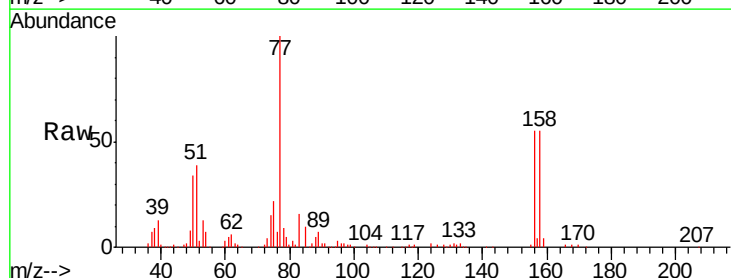
Tgt Ion: 156 Resp: 125377

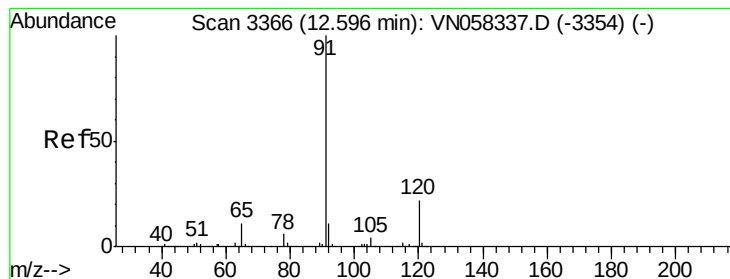
Ion Ratio Lower Upper

156 100

77 219.4 0.0 438.8

158 97.8 0.0 195.6





#74

n-propylbenzene

Concen: 20.334 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

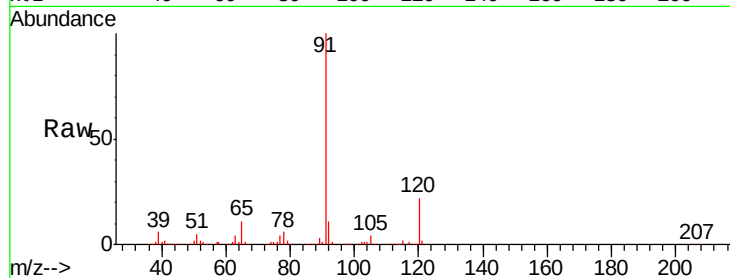
VSTDICCC020

Tgt Ion: 91 Resp: 640765

Ion Ratio Lower Upper

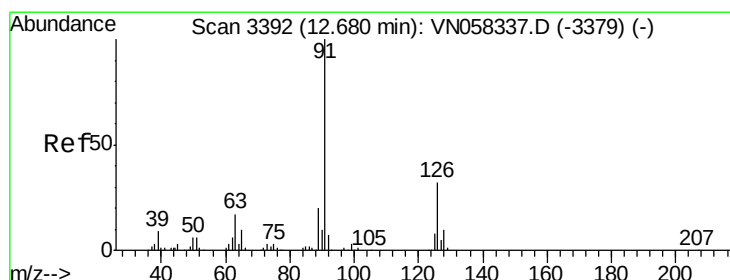
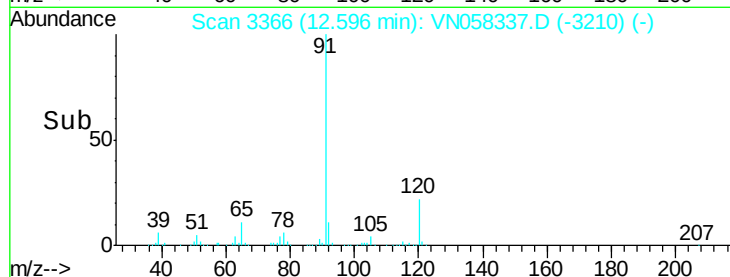
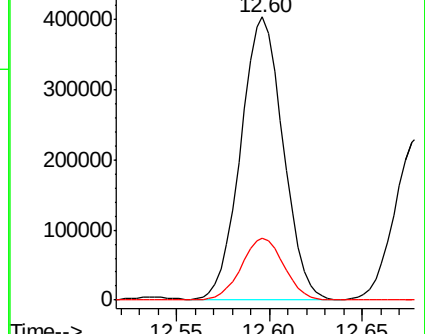
91 100

120 22.0 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 19.206 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058337.D

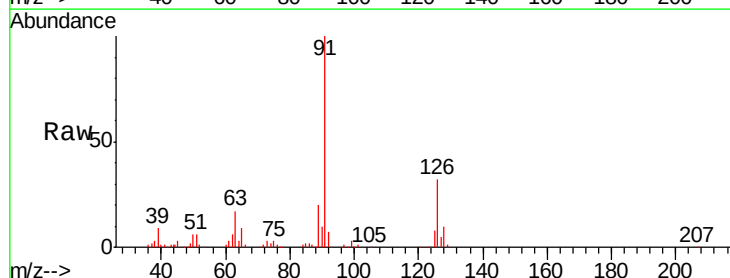
Acq: 24 Sep 2019 10:30

Tgt Ion: 91 Resp: 377764

Ion Ratio Lower Upper

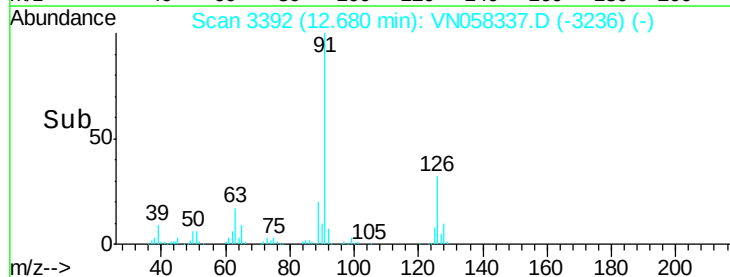
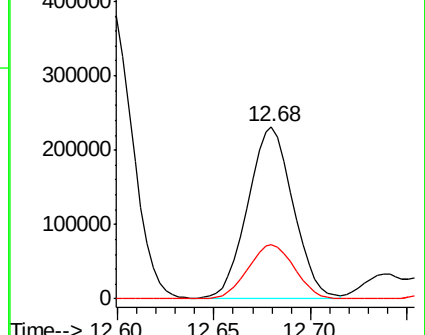
91 100

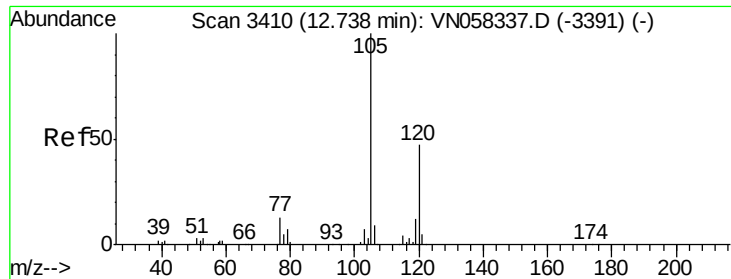
126 32.5 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 19.720 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

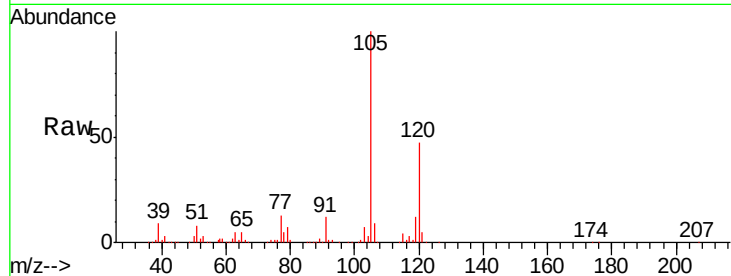
VSTDICCC020

Tgt Ion:105 Resp: 463830

Ion Ratio Lower Upper

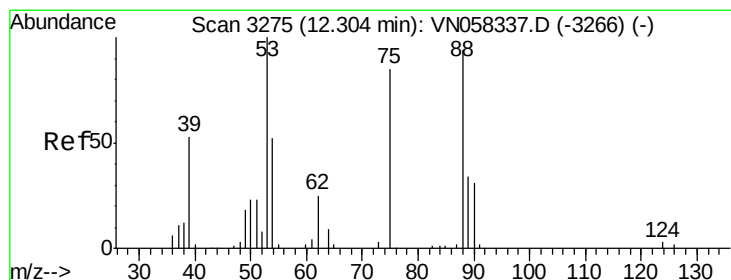
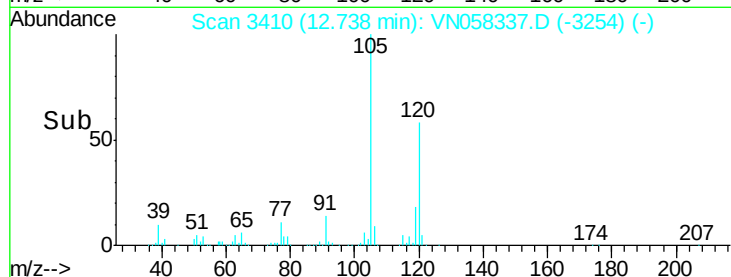
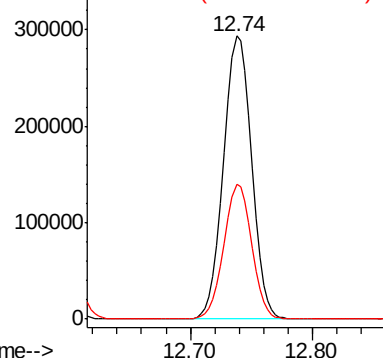
105 100

120 47.2 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 17.405 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

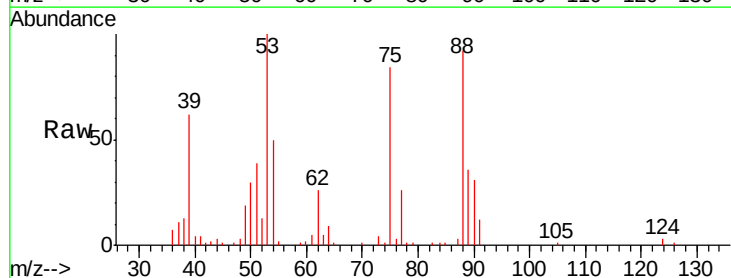
Tgt Ion: 75 Resp: 40264

Ion Ratio Lower Upper

75 100

53 117.9 59.0 176.8

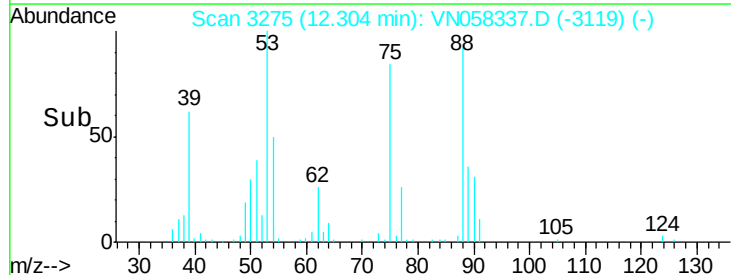
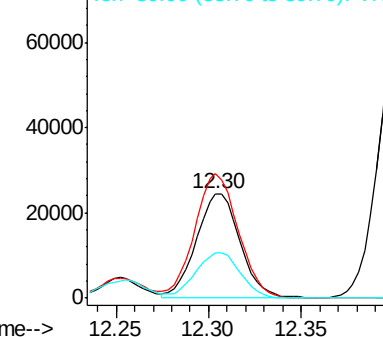
89 43.3 21.6 65.0

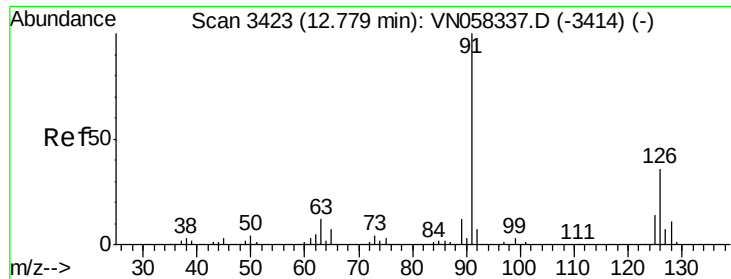


Abundance Ion 75.00 (74.70 to 75.70): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 89.00 (88.70 to 89.70): VNO

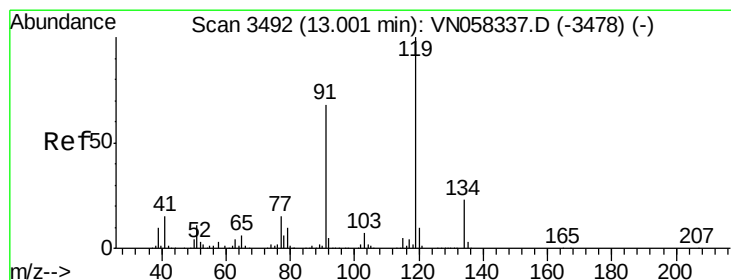
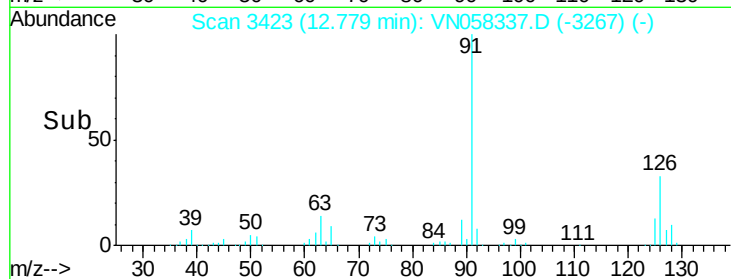
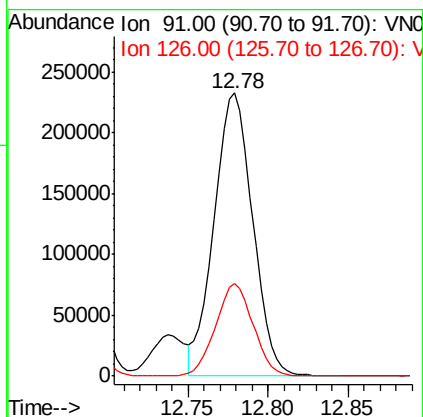
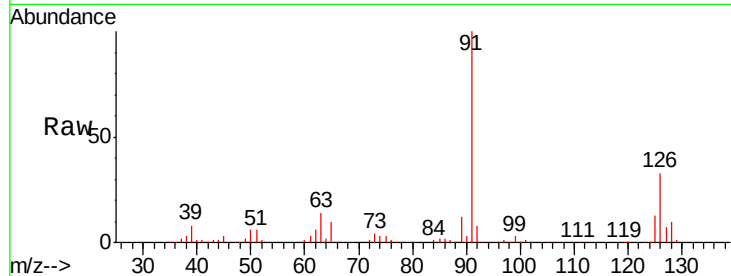




#78
4-Chlorotoluene
Concen: 19.196 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

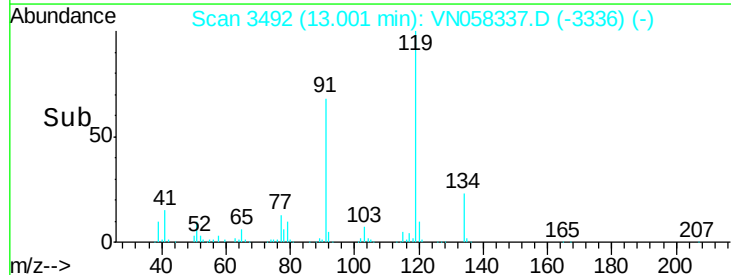
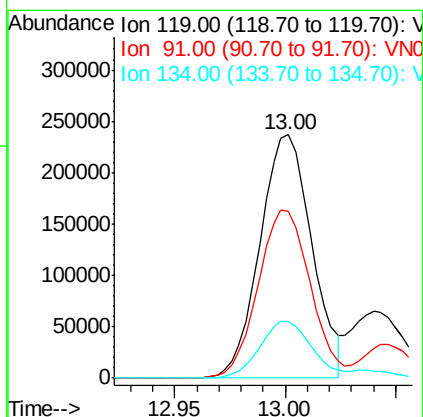
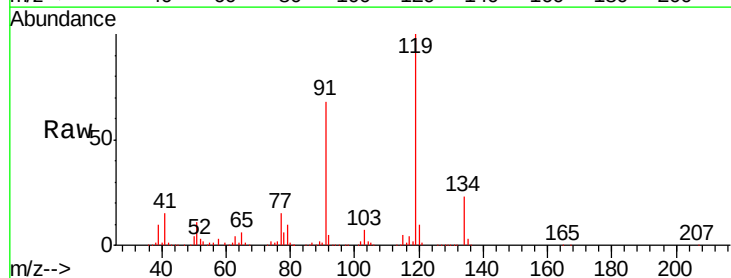
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

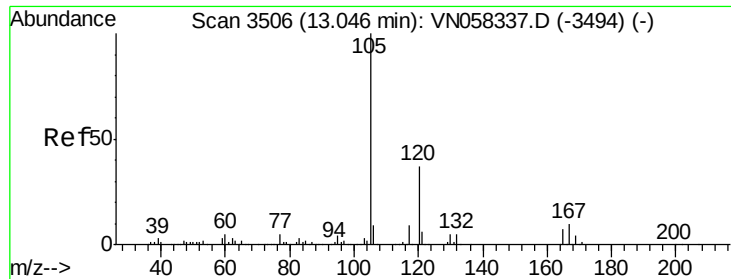
Tgt Ion: 91 Resp: 386851
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.8



#79
tert-butylbenzene
Concen: 18.987 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion: 119 Resp: 386970
Ion Ratio Lower Upper
119 100
91 69.1 0.0 138.2
134 23.4 0.0 46.8

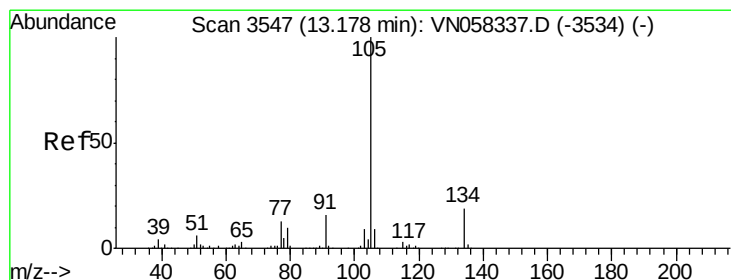
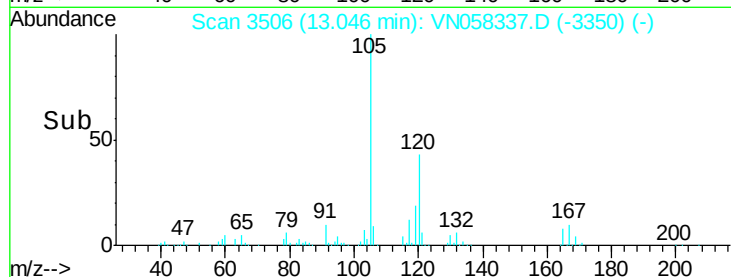
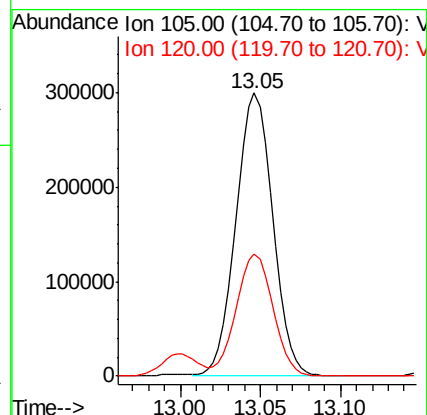
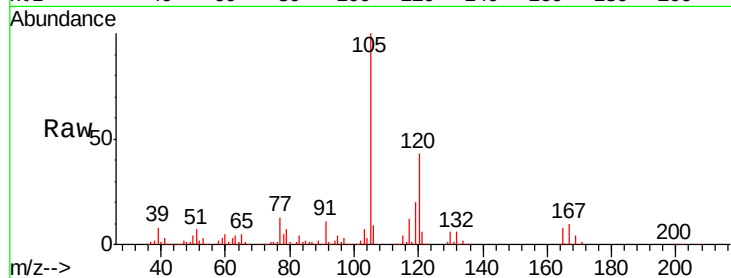




#80
 1,2,4-Trimethylbenzene
 Concen: 19.918 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

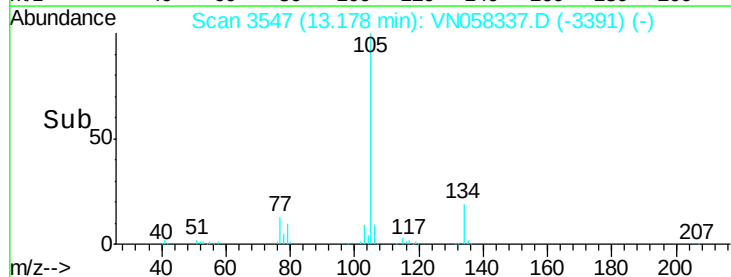
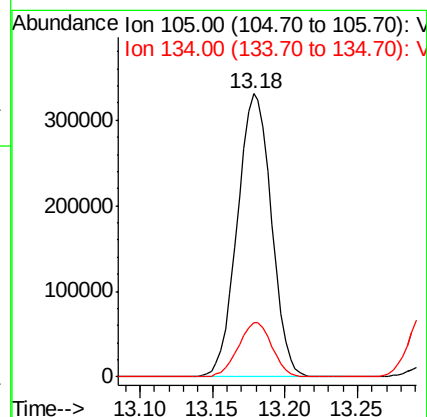
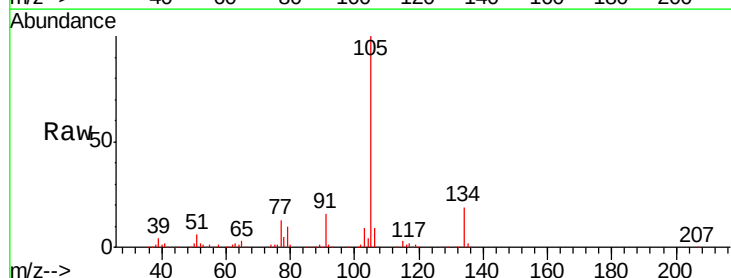
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

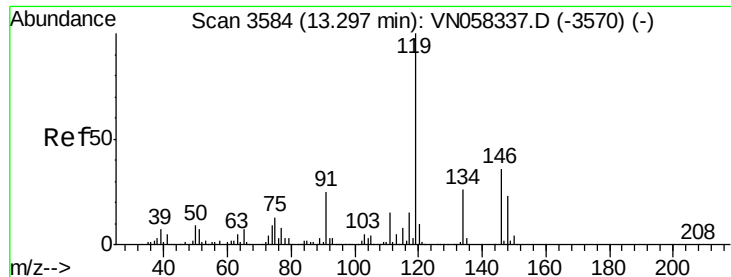
Tgt Ion:105 Resp: 467824
 Ion Ratio Lower Upper
 105 100
 120 43.3 0.0 86.6



#81
 sec-Butylbenzene
 Concen: 19.738 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion:105 Resp: 537823
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.2





#82

p-Isopropyltoluene

Concen: 19.464 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

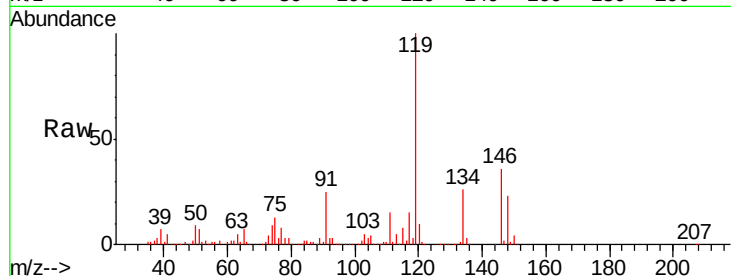
Tgt Ion:119 Resp: 472948

Ion Ratio Lower Upper

119 100

134 25.8 0.0 51.6

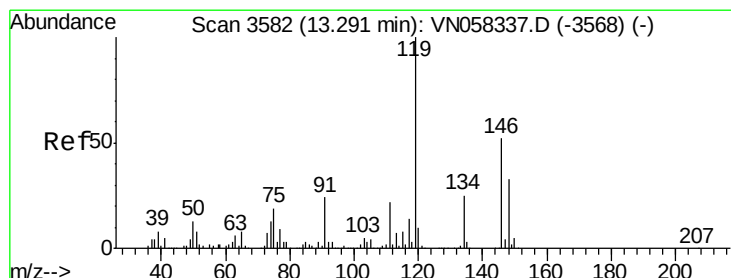
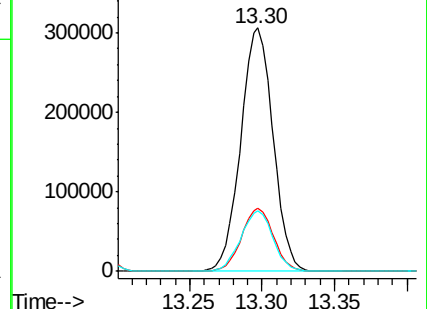
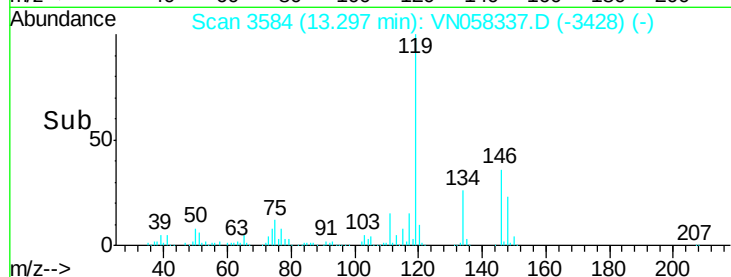
91 24.8 0.0 49.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#83

1,3-Dichlorobenzene

Concen: 18.602 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

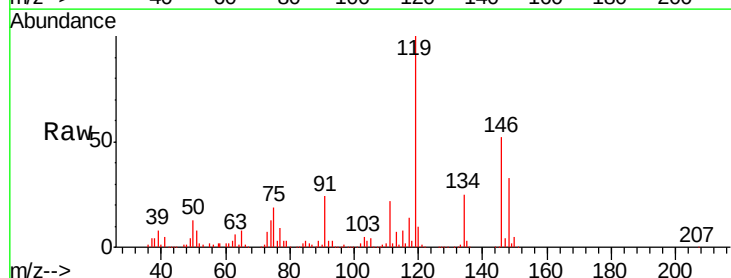
Tgt Ion:146 Resp: 228335

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

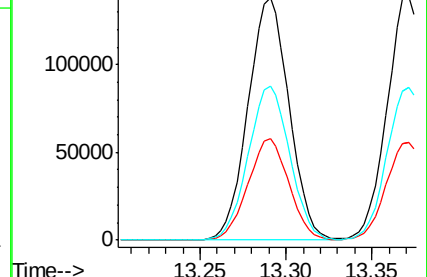
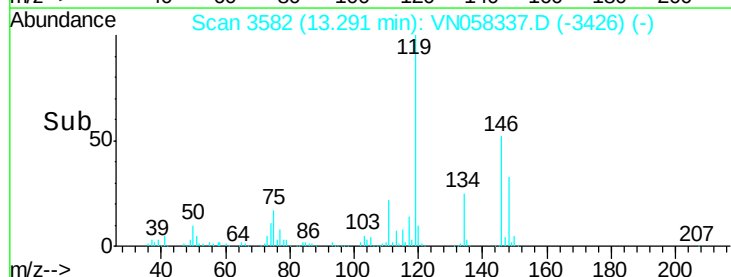
148 64.1 32.0 96.2

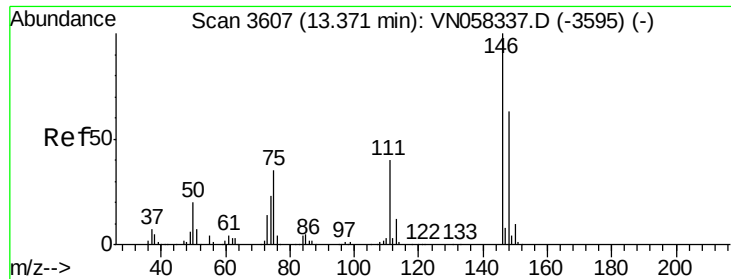


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

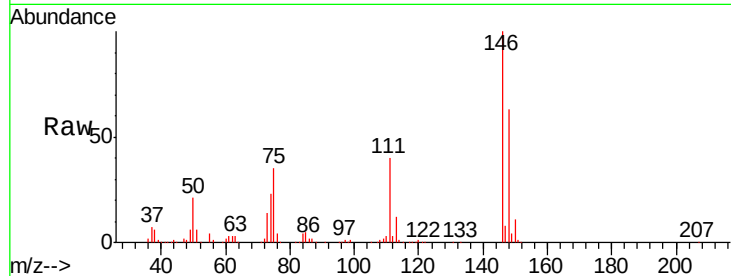




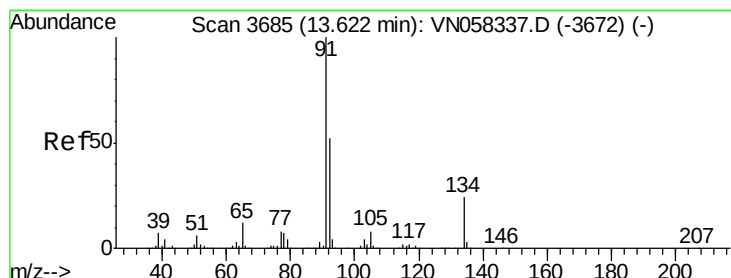
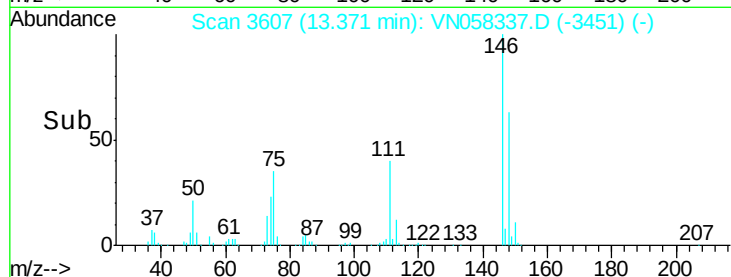
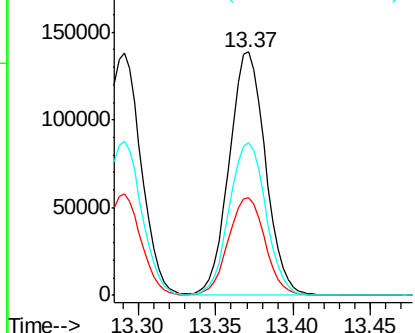
#84
 1,4-Dichlorobenzene
 Concen: 18.500 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 146 Resp: 224192
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.8 31.9 95.7

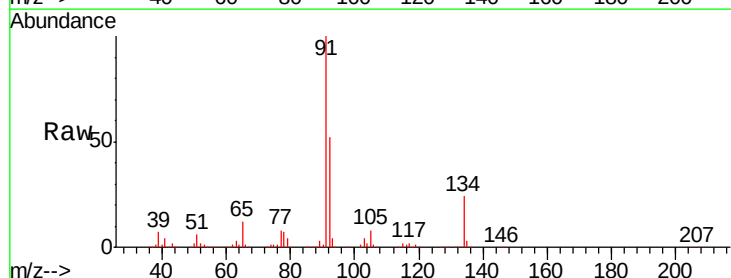


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

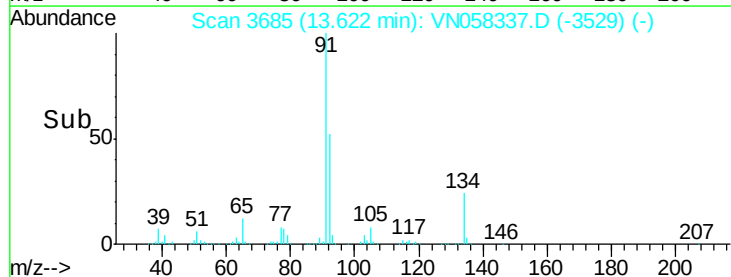
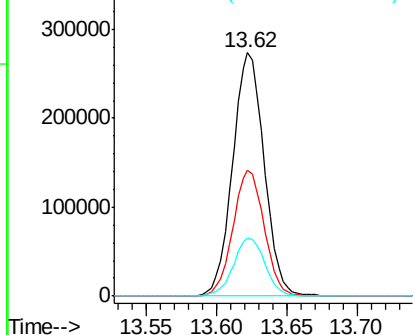


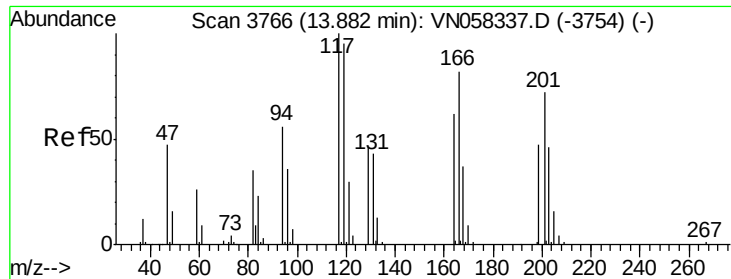
#85
 n-Butylbenzene
 Concen: 18.968 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Tgt Ion: 91 Resp: 428411
 Ion Ratio Lower Upper
 91 100
 92 51.3 0.0 102.6
 134 23.9 0.0 47.8



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V

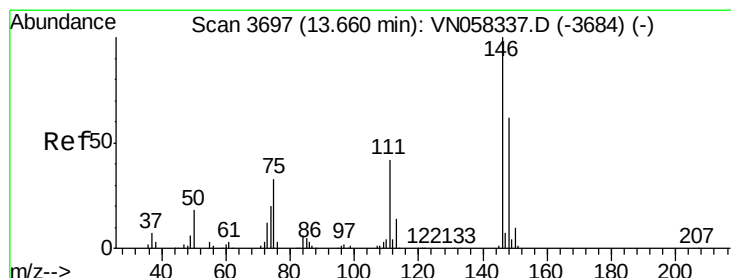
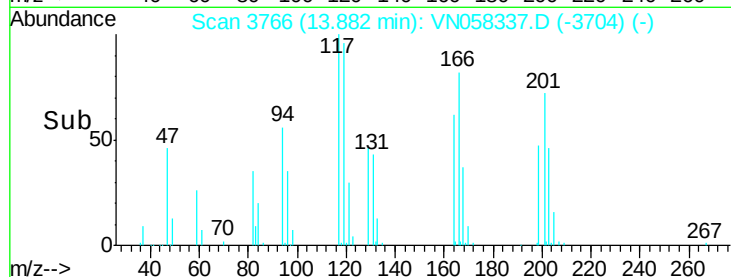
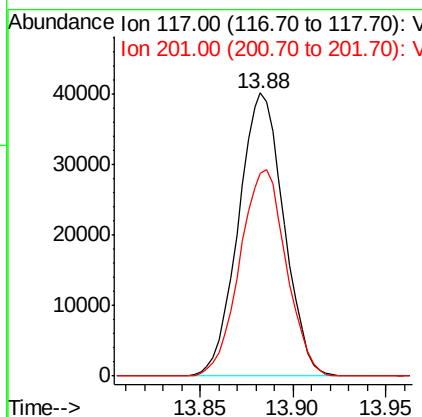
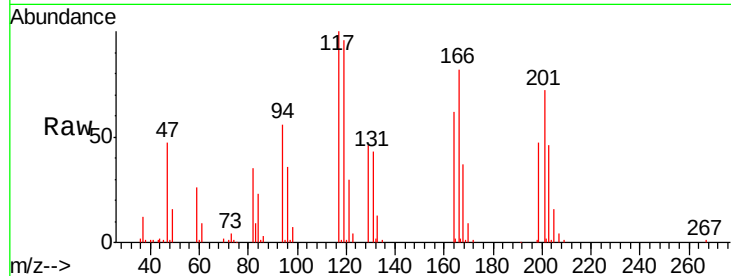




#86
Hexachloroethane
Concen: 17.528 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

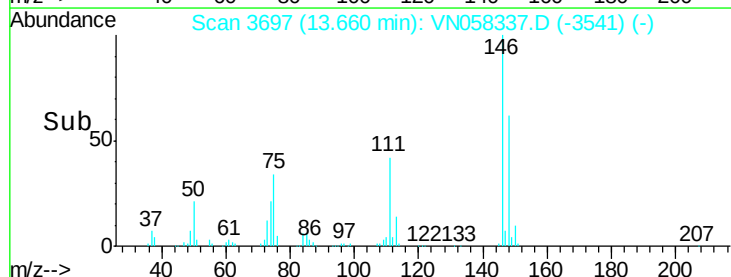
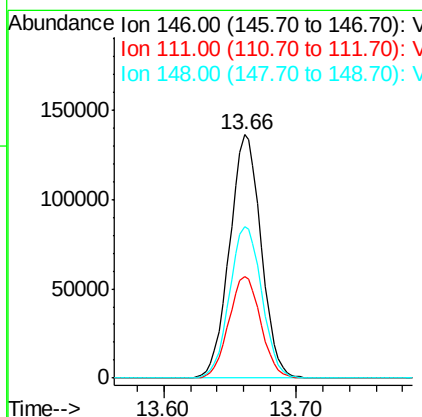
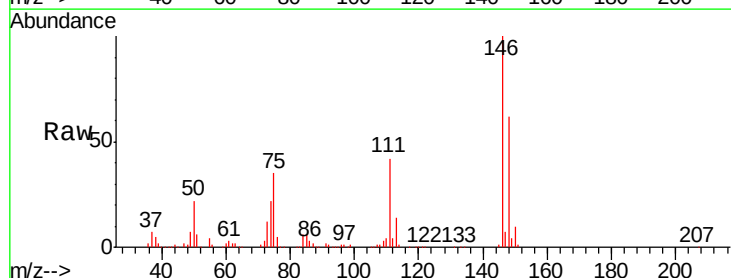
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

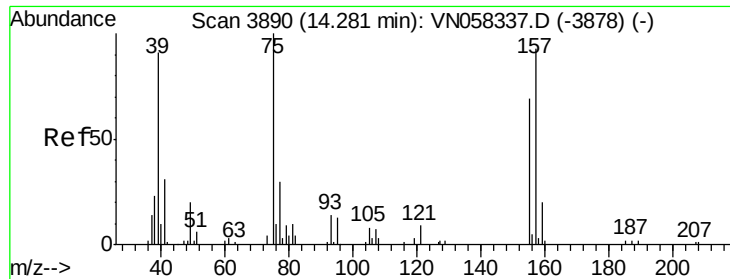
Tgt Ion:117 Resp: 68532
Ion Ratio Lower Upper
117 100
201 74.4 37.2 111.6



#87
1,2-Dichlorobenzene
Concen: 18.838 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VN058337.D
Acq: 24 Sep 2019 10:30

Tgt Ion:146 Resp: 225342
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 63.8 31.9 95.7





#88

1,2-Dibromo-3-Chloropropane

Concen: 19.236 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

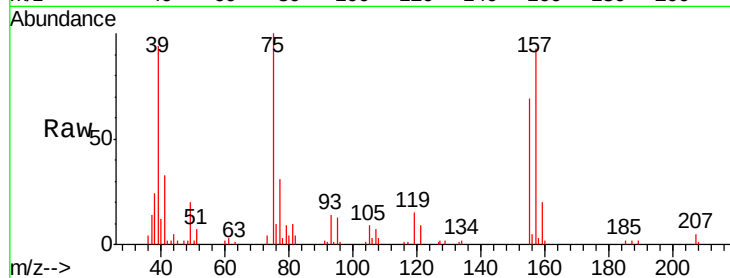
Tgt Ion: 75 Resp: 29704

Ion Ratio Lower Upper

75 100

155 73.1 58.5 87.7

157 94.3 75.4 113.2

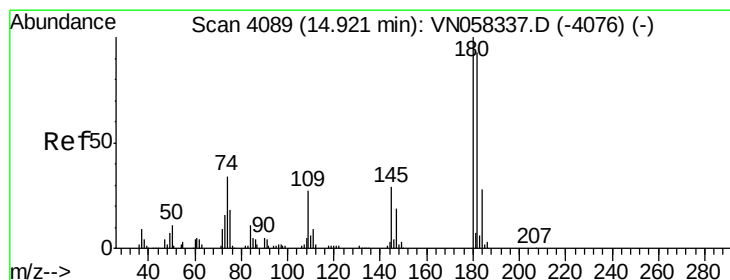
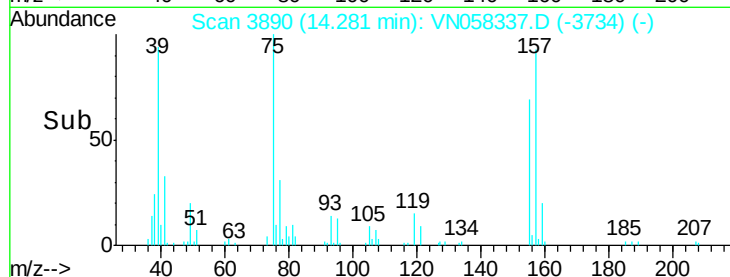


Abundance Ion 75.00 (74.70 to 75.70): VN058337.D (-3878) (-)

Ion 155.00 (154.70 to 155.70): VN058337.D (-3878) (-)

Ion 157.00 (156.70 to 157.70): VN058337.D (-3878) (-)

Time-->



#89

1,2,4-Trichlorobenzene

Concen: 18.508 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

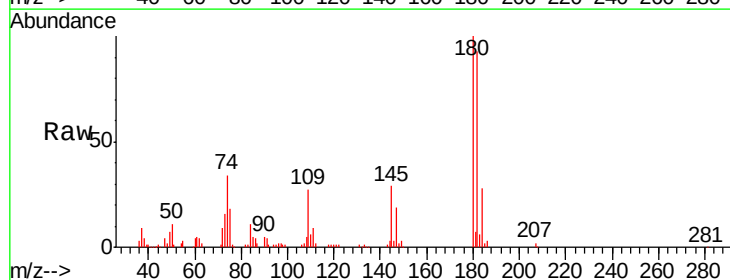
Tgt Ion: 180 Resp: 135724

Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 31.4 25.1 37.7

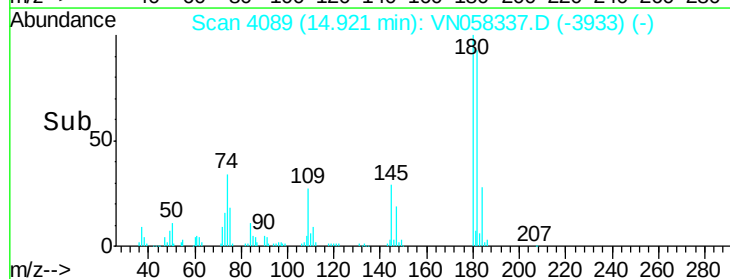


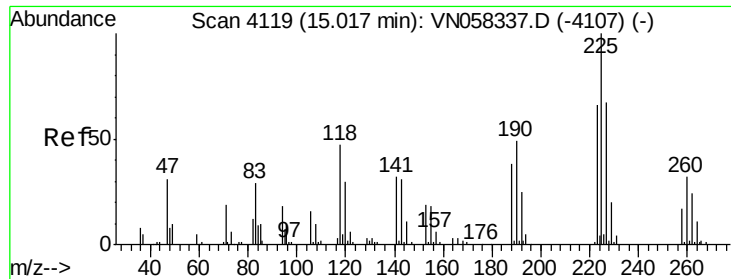
Abundance Ion 180.00 (179.70 to 180.70): VN058337.D (-4076) (-)

Ion 182.00 (181.70 to 182.70): VN058337.D (-4076) (-)

Ion 145.00 (144.70 to 145.70): VN058337.D (-4076) (-)

Time-->





#90

Hexachlorobutadiene

Concen: 20.117 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

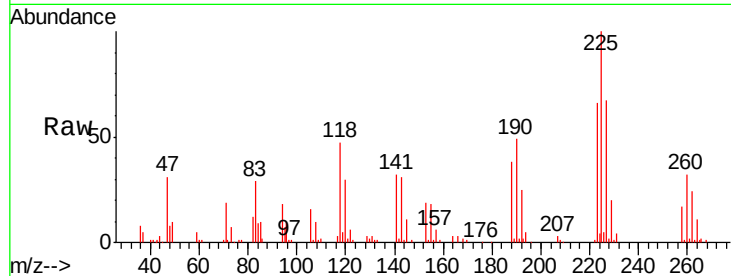
Tgt Ion:225 Resp: 68186

Ion Ratio Lower Upper

225 100

223 66.3 0.0 132.6

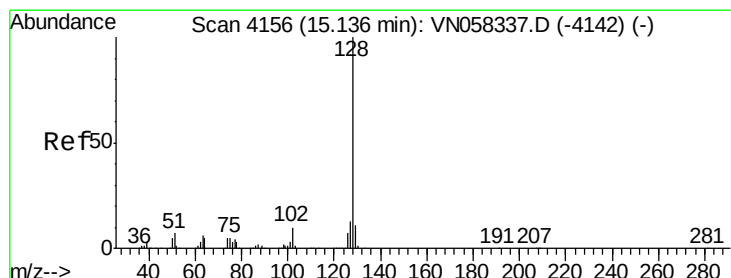
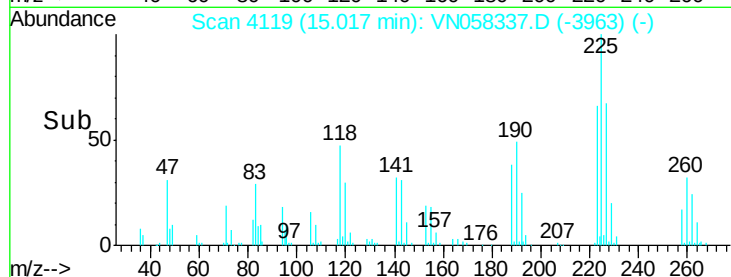
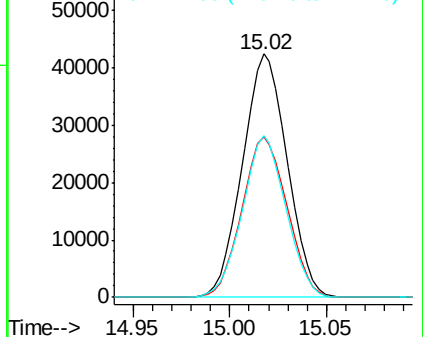
227 64.6 0.0 129.2



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 18.753 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058337.D

Acq: 24 Sep 2019 10:30

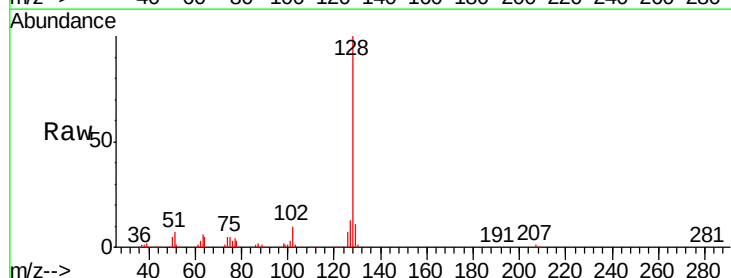
Tgt Ion:128 Resp: 376149

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

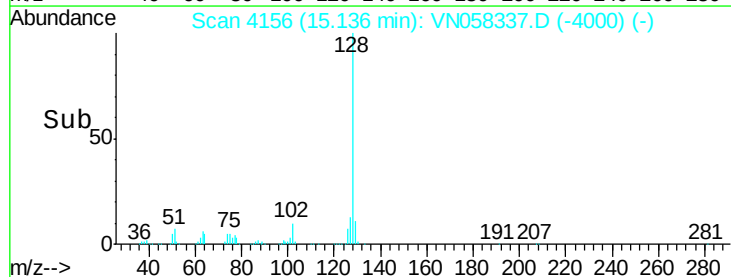
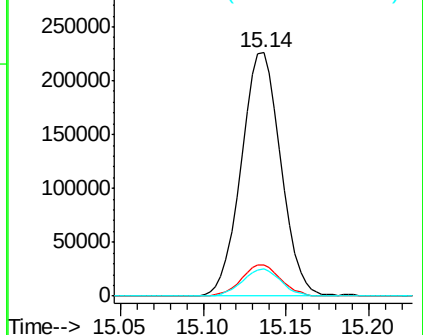
129 10.8 8.6 13.0

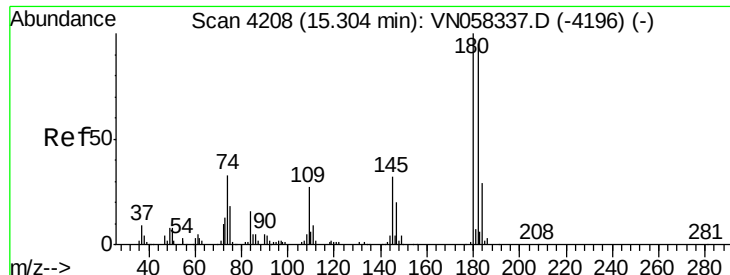


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

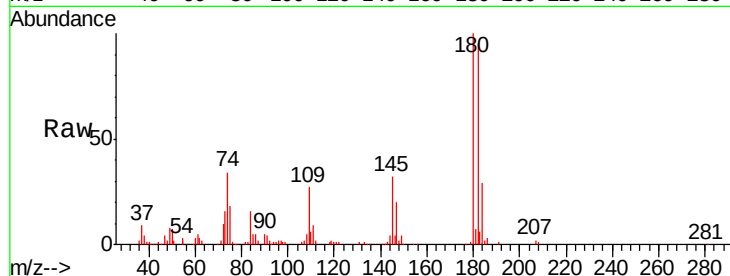




#92
 1,2,3-Trichlorobenzene
 Concen: 18.679 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN058337.D
 Acq: 24 Sep 2019 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	130220		
182	94.7		0.0	189.4
145	32.0		0.0	64.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

