

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058396.D
 Acq On : 26 Sep 2019 19:46
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 27 02:29:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	82291	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	512034	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	440756	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	225210	30.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.20%
60) 4-Bromofluorobenzene	12.41	95	222512	29.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.27%
63) Toluene-d8	10.09	98	633508	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	100681	20.345 ug/l	95
3) Chloromethane	2.04	50	113615	19.884 ug/l	99
4) Vinyl Chloride	2.17	62	112491	19.729 ug/l	97
5) Bromomethane	2.50	94	34627	11.185 ug/l	95
6) Chloroethane	2.62	64	69674	20.677 ug/l	93
7) Trichlorofluoromethane	2.96	101	151197	22.522 ug/l	100
8) Diethyl Ether	3.38	74	66570	22.306 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98662	21.350 ug/l	99
10) 1,1-Dichloroethene	3.70	96	97353	21.550 ug/l	96
11) Methyl Iodide	3.91	142	83350	17.995 ug/l	99
12) Methyl Acetate	4.30	43	133136	22.127 ug/l	100
13) Acrolein	3.59	56	18375	107.399 ug/l	99
14) Acrylonitrile	4.96	53	245905	98.981 ug/l	99
15) Acetone	3.80	58	62736	91.074 ug/l	96
16) Carbon Disulfide	4.01	76	221897	17.675 ug/l	99
17) Allyl chloride	4.29	41	169921	20.137 ug/l	96
18) Methylene Chloride	4.52	84	111844	20.987 ug/l	95
19) trans-1,2-Dichloroethene	5.00	96	107187	21.164 ug/l	96
20) Diisopropyl ether	5.93	45	380652	21.171 ug/l	96
21) 1,1-Dichloroethane	5.82	63	212635	21.134 ug/l	99
22) cis-1,2-Dichloroethene	6.81	96	124791	21.213 ug/l	97
23) tert-Butyl Alcohol	4.72	59	830	0.905 ug/l	# 100
24) Methyl tert-Butyl Ether	5.02	73	352972	21.767 ug/l	99
25) Chloroform	7.35	83	208646	20.480 ug/l	99
26) Cyclohexane	7.63	56	192797	20.501 ug/l	# 99
29) 1,1-Dichloropropene	7.77	75	162691	19.465 ug/l	99
30) 2-Butanone	6.82	43	326124	85.934 ug/l	98
31) 2,2-Dichloropropane	6.80	77	154629	17.970 ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	177258	19.663 ug/l	98
33) Carbon Tetrachloride	7.75	117	141660	18.496 ug/l	98
34) Benzene	8.02	78	476625	20.102 ug/l	99
35) Methacrylonitrile	7.15	41	60118	18.417 ug/l	88
36) 1,2-Dichloroethane	8.11	62	180583	19.443 ug/l	99
37) Trichloroethene	8.82	130	117102	19.728 ug/l	97
38) Methylcyclohexane	9.07	83	184274	18.233 ug/l	96
39) 1,2-Dichloropropane	9.11	63	128853	19.924 ug/l	99
40) Dibromomethane	9.20	93	77687	19.032 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	148246	18.375	ug/l	98
42) Vinyl Acetate	5.87	43	1532715	105.776	ug/l	100
43) Ethyl Acetate	6.91	43	147931	19.632	ug/l	99
44) Isopropyl Acetate	8.15	43	272485	20.201	ug/l	97
45) 1,4-Dioxane	9.20	88	23397	205.608	ug/l	94
46) Methyl methacrylate	9.19	41	115249	18.028	ug/l	98
47) n-amyl Acetate	12.08	43	226036	19.252	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	162540	18.437	ug/l	97
49) cis-1,3-Dichloropropene	9.83	75	182582	18.601	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	110784	19.420	ug/l	98
51) Ethyl methacrylate	10.43	69	167171	18.522	ug/l	97
52) 1,3-Dichloropropane	10.71	76	195213	19.268	ug/l	100
53) Dibromochloromethane	10.90	129	104191	18.180	ug/l	100
54) 1,2-Dibromoethane	11.00	107	112099	19.256	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	384103	100.504	ug/l	100
56) Bromoform	12.13	173	59047	16.334	ug/l	98
58) 4-Methyl-2-Pentanone	9.98	43	705746	102.191	ug/l	99
59) 2-Hexanone	10.75	43	569296	109.041	ug/l	97
61) Tetrachloroethene	10.63	164	93660	20.283	ug/l	99
62) Toluene	10.15	91	570364	23.628	ug/l	100
64) Chlorobenzene	11.44	112	296852	20.012	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	102405	19.692	ug/l	99
66) Ethyl Benzene	11.51	91	572424	21.747	ug/l	99
67) m/p-Xylenes	11.62	106	429453	42.497	ug/l	98
68) o-Xylene	11.95	106	199431	20.296	ug/l	96
69) Styrene	11.97	104	325035	19.781	ug/l	99
70) Isopropylbenzene	12.25	105	528258	20.745	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	157060	19.406	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	193120	27.746	ug/l	64
73) Bromobenzene	12.53	156	122409	19.847	ug/l	99
74) n-propylbenzene	12.60	91	610508	20.797	ug/l	100
75) 2-Chlorotoluene	12.68	91	364116	19.829	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	443263	20.216	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	39813	17.536	ug/l	99
78) 4-Chlorotoluene	12.78	91	364665	19.376	ug/l	99
79) tert-butylbenzene	13.00	119	375713	19.791	ug/l	98
80) 1,2,4-Trimethylbenzene	13.05	105	454161	20.751	ug/l	98
81) sec-Butylbenzene	13.18	105	486831	19.552	ug/l	100
82) p-Isopropyltoluene	13.30	119	435096	19.404	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	218637	19.213	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	214677	18.955	ug/l	99
85) n-Butylbenzene	13.62	91	376411	18.068	ug/l	99
86) Hexachloroethane	13.88	117	59435	16.411	ug/l	96
87) 1,2-Dichlorobenzene	13.66	146	216903	19.520	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.28	75	27049	17.124	ug/l	97
89) 1,2,4-Trichlorobenzene	14.92	180	119152	16.414	ug/l	99
90) Hexachlorobutadiene	15.02	225	54616	15.549	ug/l	96
91) Naphthalene	15.13	128	352695	17.692	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	111194	15.948	ug/l	99

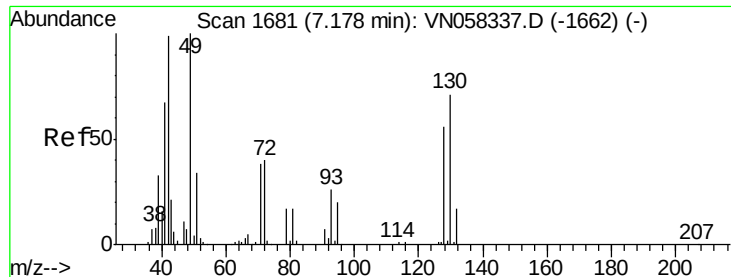
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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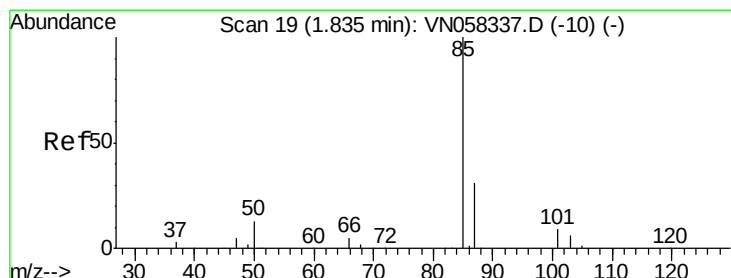
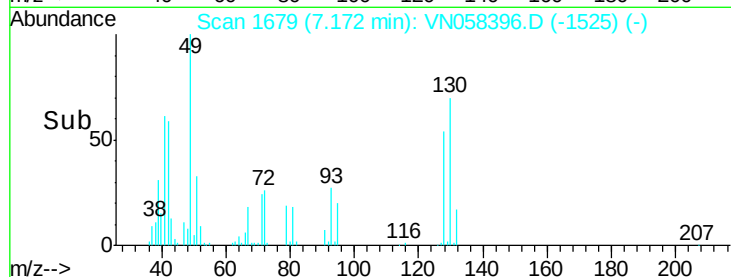
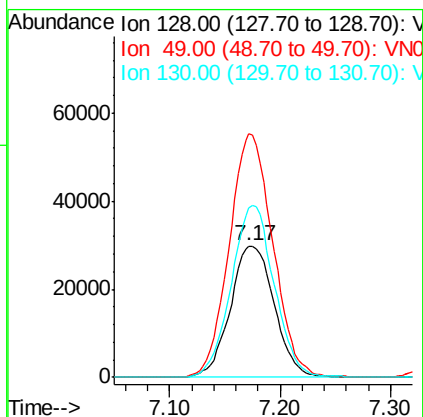
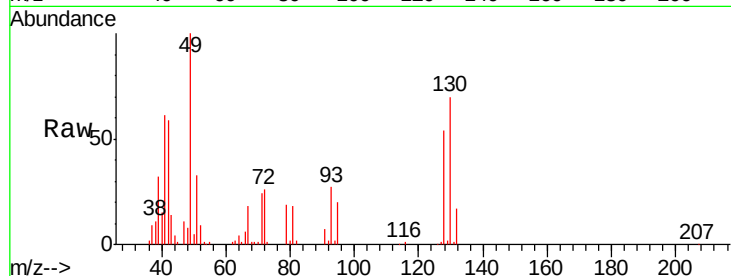
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

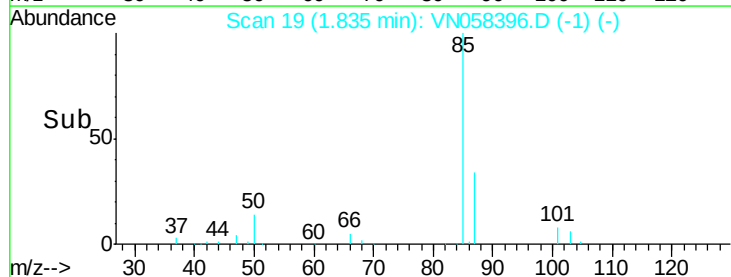
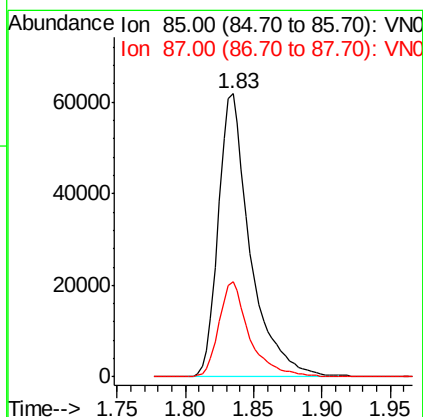
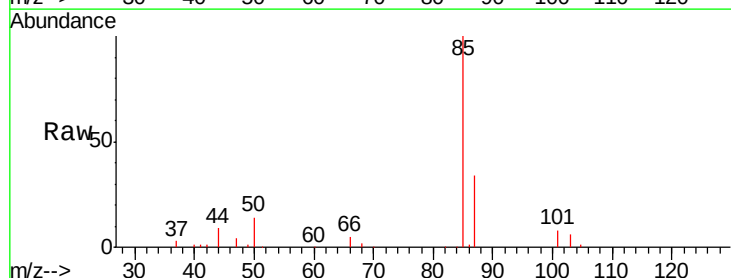
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

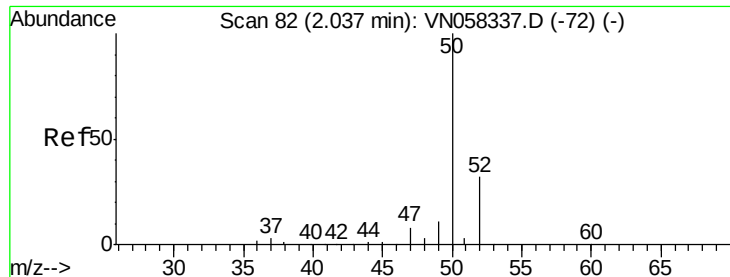
Tgt Ion:128 Resp: 82291
Ion Ratio Lower Upper
128 100
49 184.5 0.0 458.5
130 128.3 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 20.345 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 85 Resp: 100681
Ion Ratio Lower Upper
85 100
87 33.5 15.5 46.5





#3

Chloromethane

Concen: 19.884 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

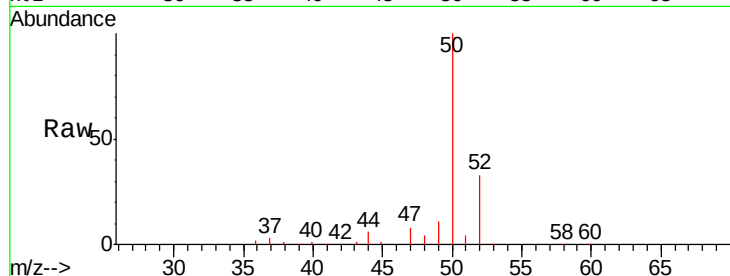
VSTDCCC020EC

Tgt Ion: 50 Resp: 113615

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.04

80000

60000

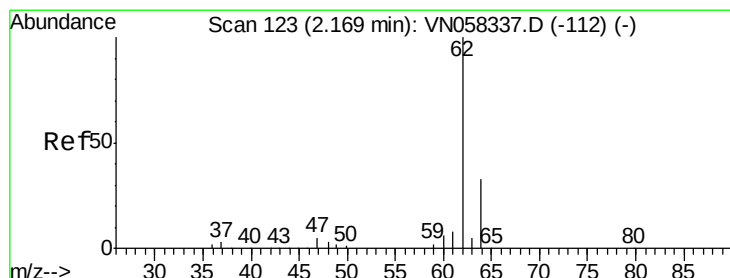
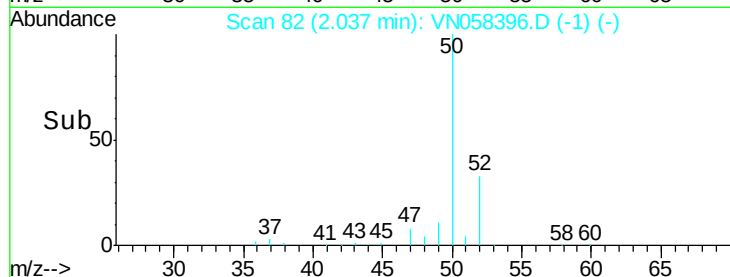
40000

20000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 19.729 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058396.D

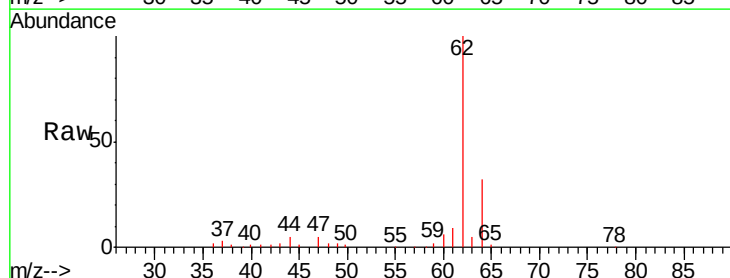
Acq: 26 Sep 2019 19:46

Tgt Ion: 62 Resp: 112491

Ion Ratio Lower Upper

62 100

64 31.5 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.17

80000

60000

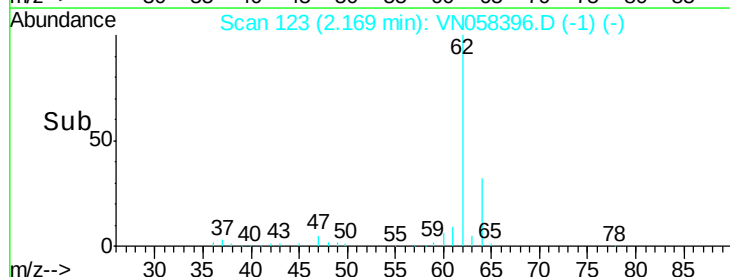
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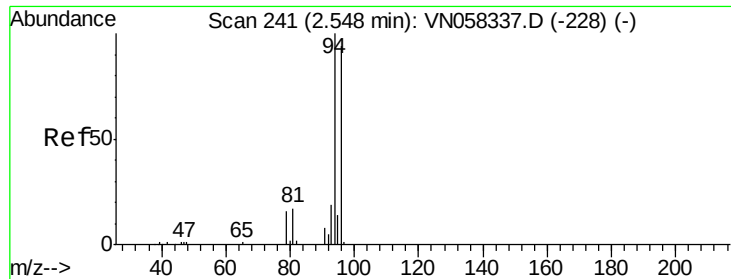
20000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 11.185 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.05 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

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ClientSampleId :

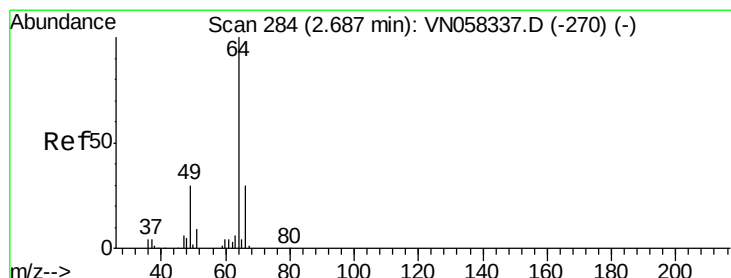
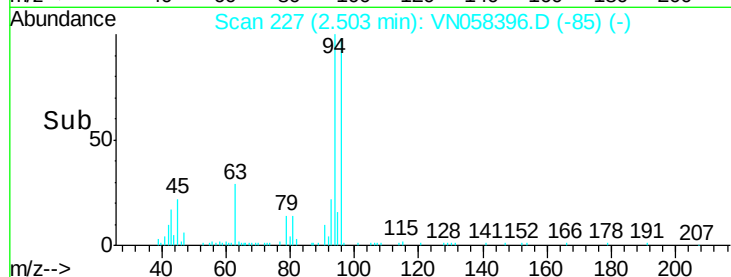
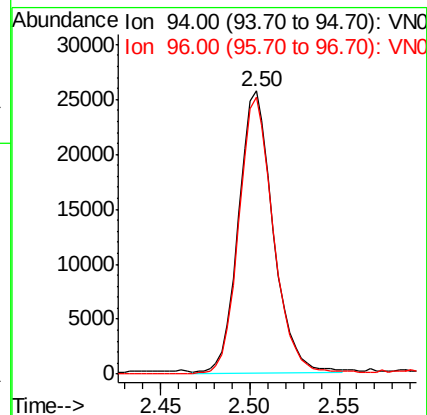
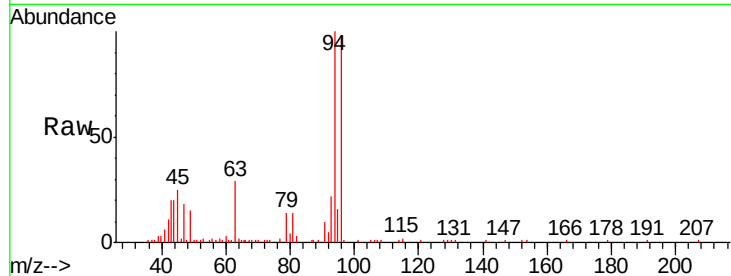
VSTDCCC020EC

Tgt Ion: 94 Resp: 34627

Ion Ratio Lower Upper

94 100

96 98.6 74.8 112.2



#6

Chloroethane

Concen: 20.677 ug/l

RT: 2.62 min Scan# 263

Delta R.T. -0.07 min

Lab File: VN058396.D

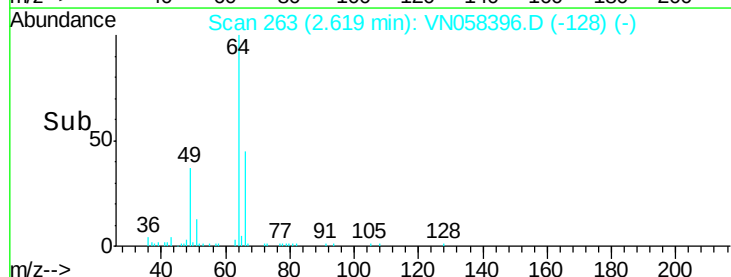
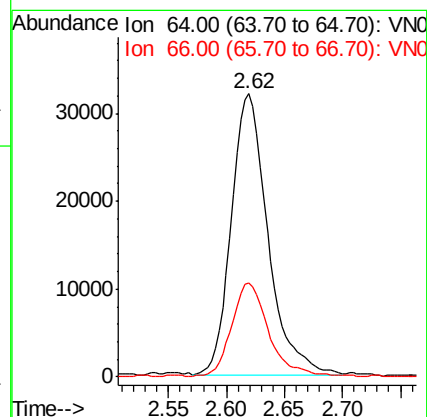
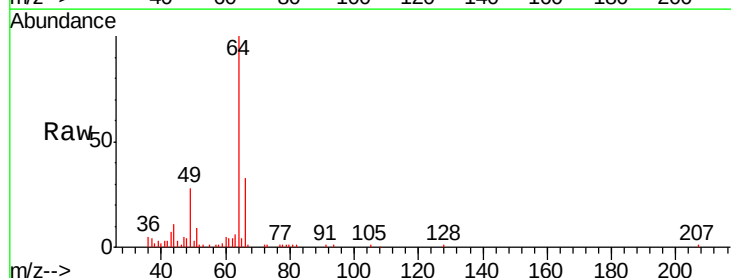
Acq: 26 Sep 2019 19:46

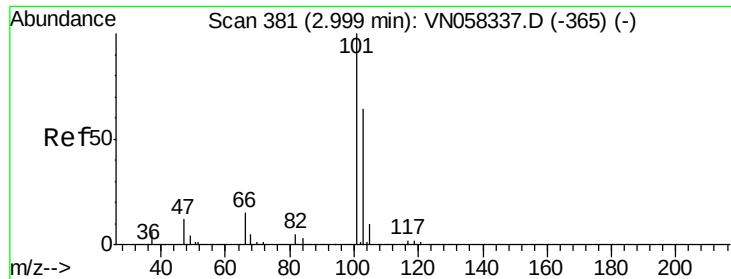
Tgt Ion: 64 Resp: 69674

Ion Ratio Lower Upper

64 100

66 33.6 23.8 35.6



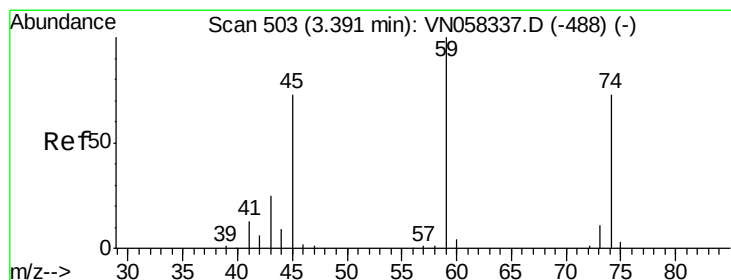
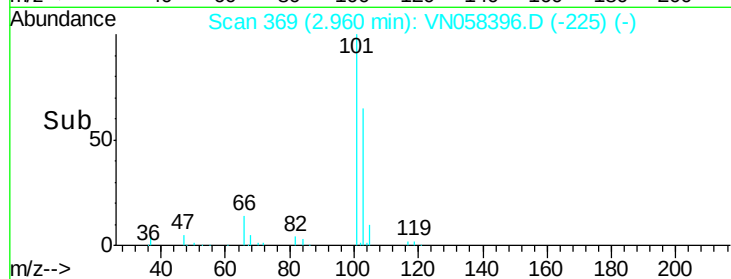
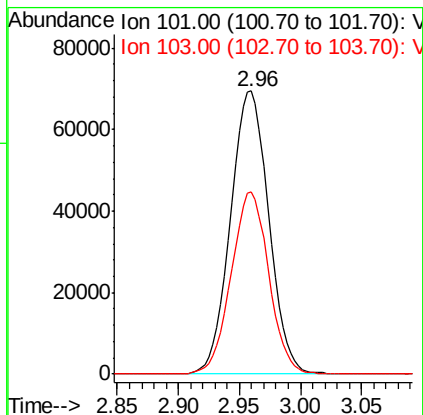
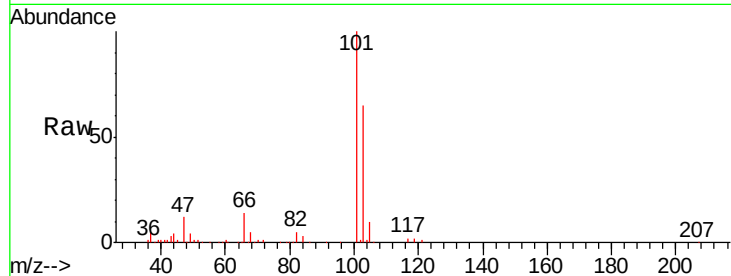


#7

Trichlorofluoromethane
 Concen: 22.522 ug/l
 RT: 2.96 min Scan# 369
 Delta R.T. -0.04 min
 Lab File: VN058396.D
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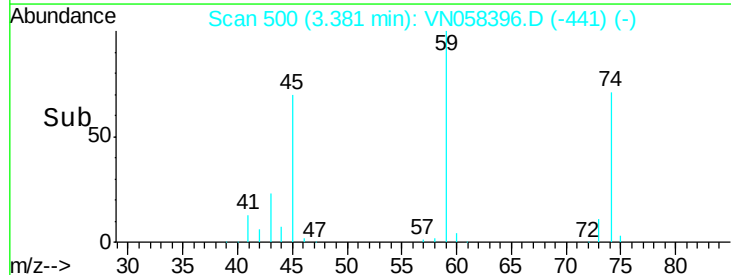
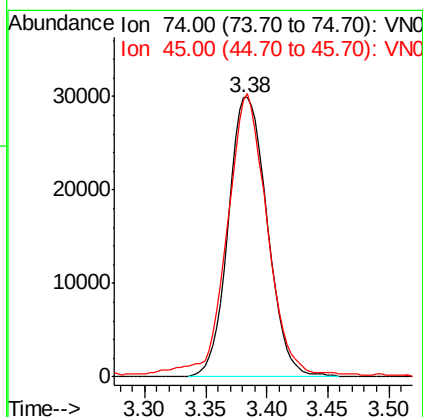
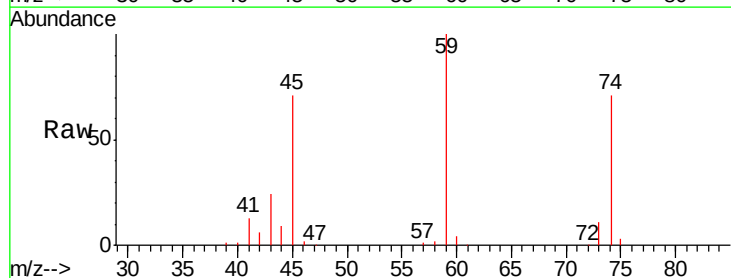
Tgt Ion:101 Resp: 151197
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

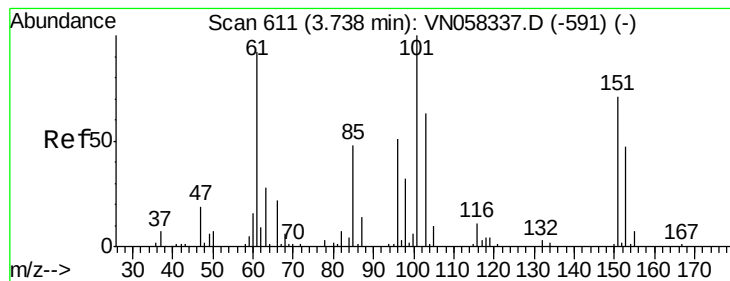


#8

Diethyl Ether
 Concen: 22.306 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 74 Resp: 66570
 Ion Ratio Lower Upper
 74 100
 45 97.5 20.8 187.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.350 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.02 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

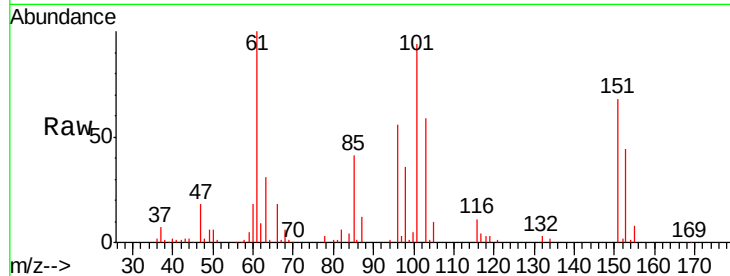
Tgt Ion: 101 Resp: 98662

Ion Ratio Lower Upper

101 100

85 45.8 0.0 93.0

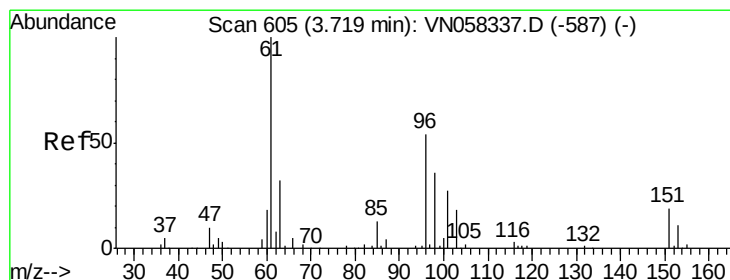
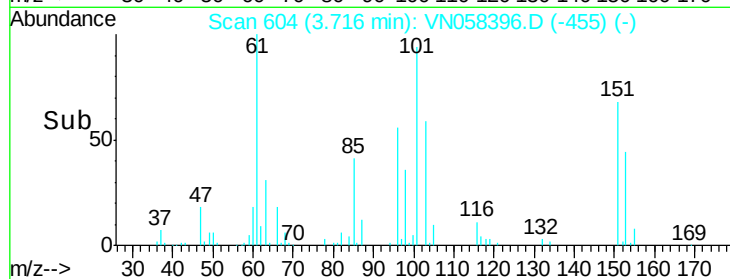
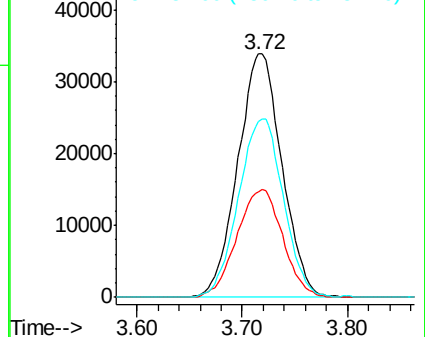
151 74.5 0.0 147.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.550 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.02 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

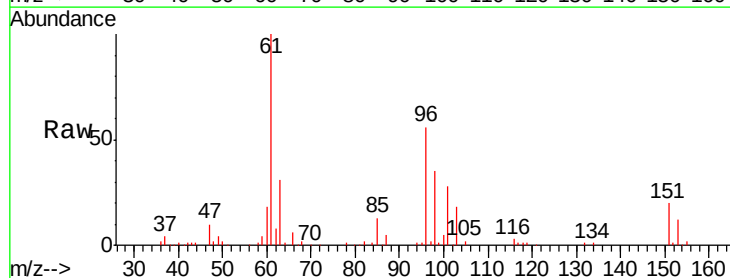
Tgt Ion: 96 Resp: 97353

Ion Ratio Lower Upper

96 100

61 177.1 146.9 220.3

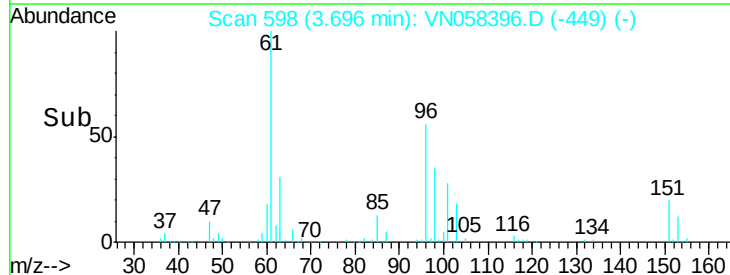
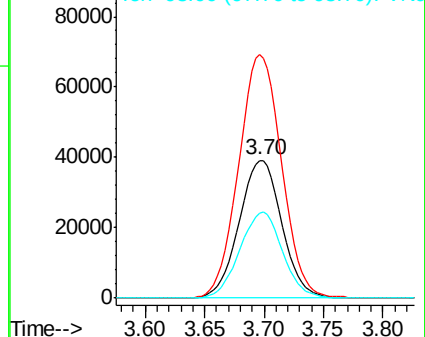
98 62.1 52.3 78.5

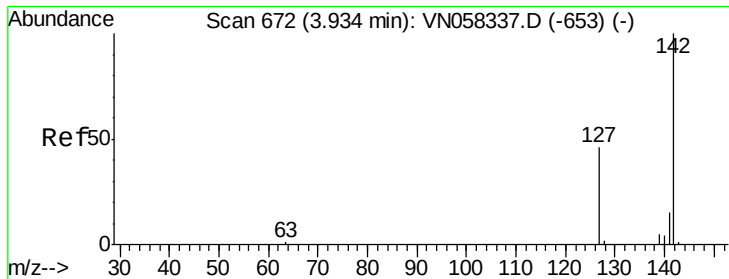


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

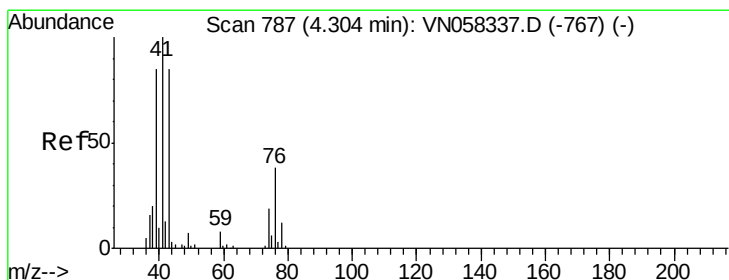
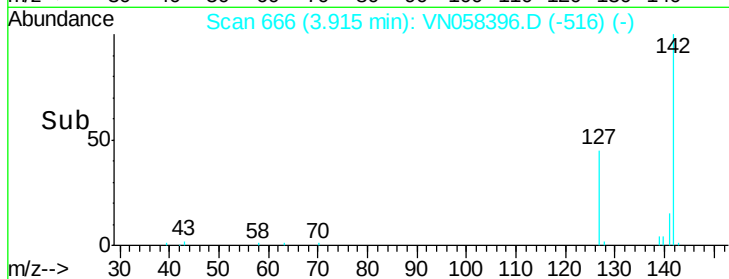
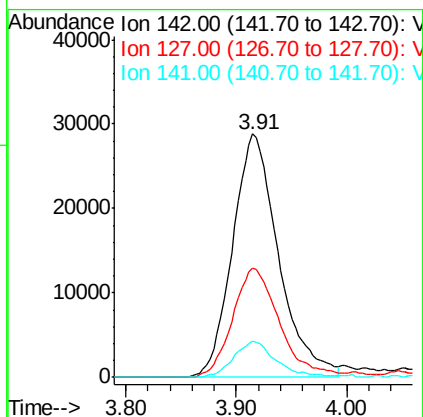
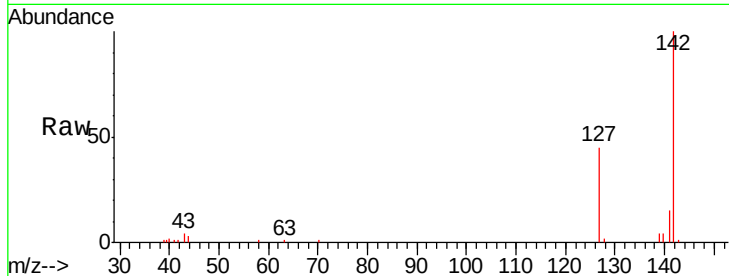




#11
Methyl Iodide
Concen: 17.995 ug/l
RT: 3.91 min Scan# 666
Delta R.T. -0.02 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

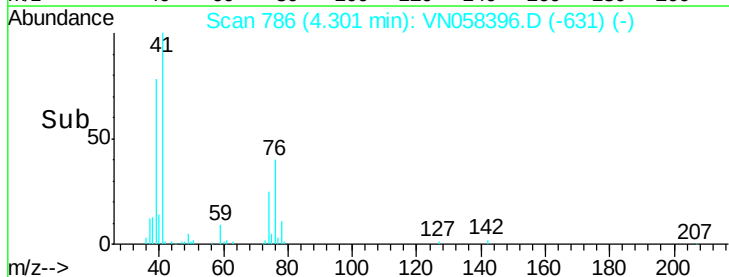
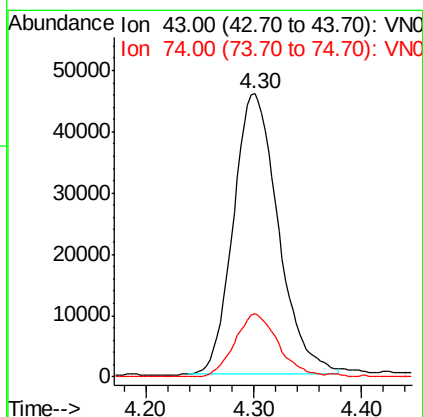
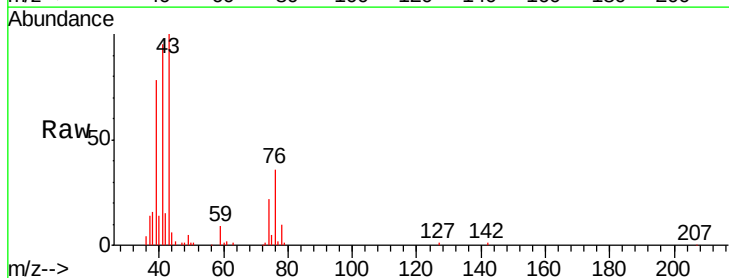
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

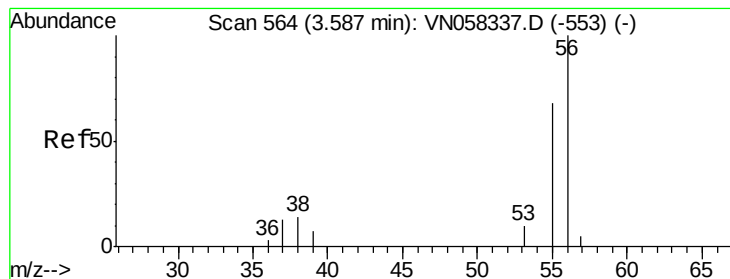
Tgt Ion: 142 Resp: 83350
Ion Ratio Lower Upper
142 100
127 45.1 22.9 68.7
141 14.7 7.4 22.3



#12
Methyl Acetate
Concen: 22.127 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 43 Resp: 133136
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6





#13

Acrolein

Concen: 107.399 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

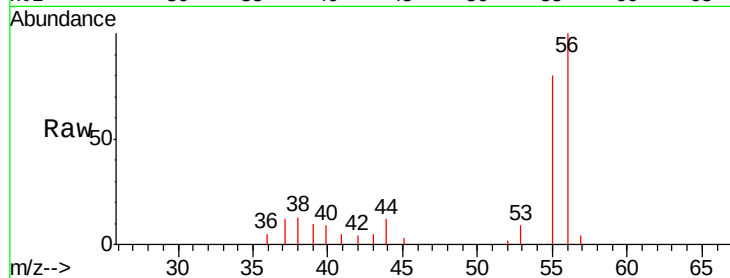
VSTDCCC020EC

Tgt Ion: 56 Resp: 18375

Ion Ratio Lower Upper

56 100

55 73.8 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.59

8000

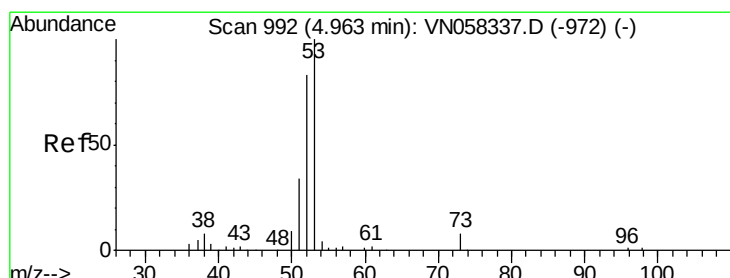
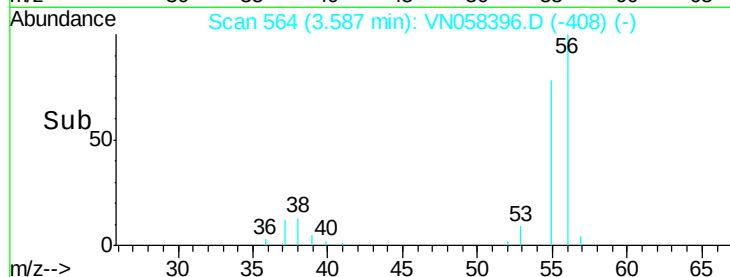
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 98.981 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

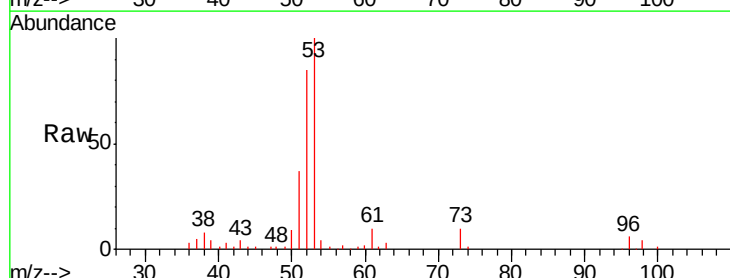
Tgt Ion: 53 Resp: 245905

Ion Ratio Lower Upper

53 100

52 83.6 41.3 123.7

51 36.7 18.3 54.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

4.96

80000

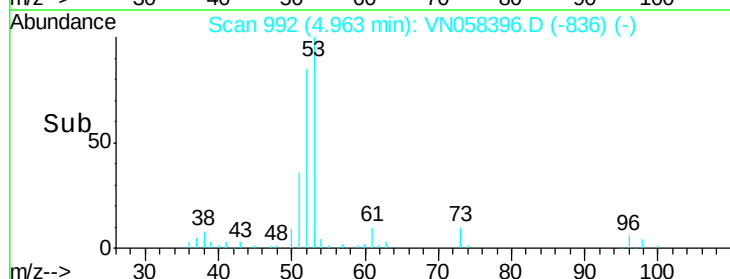
60000

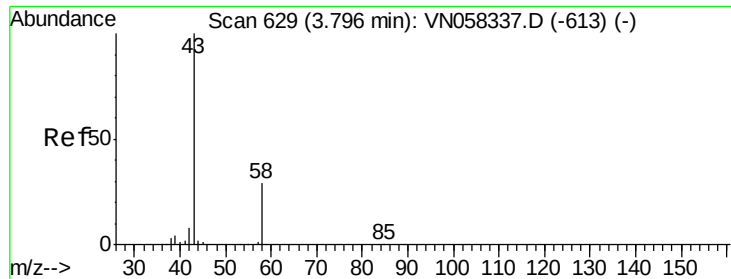
40000

20000

0

Time-->





#15

Acetone

Concen: 91.074 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

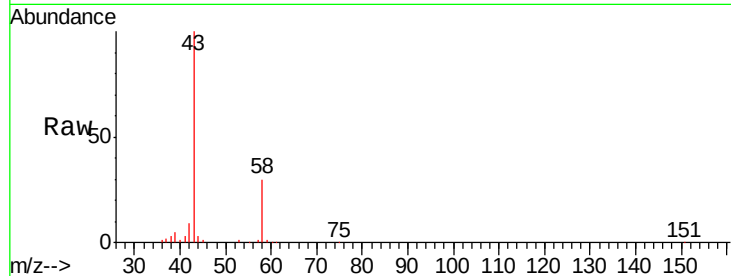
VSTDCCC020EC

Tgt Ion: 58 Resp: 62736

Ion Ratio Lower Upper

58 100

43 331.6 272.6 409.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

80000

60000

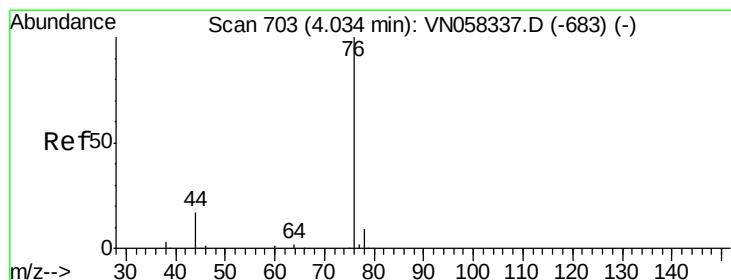
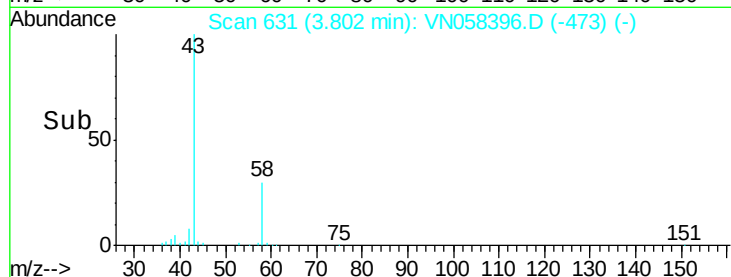
40000

20000

0

3.70 3.80 3.90

Time-->



#16

Carbon Disulfide

Concen: 17.675 ug/l

RT: 4.01 min Scan# 697

Delta R.T. -0.02 min

Lab File: VN058396.D

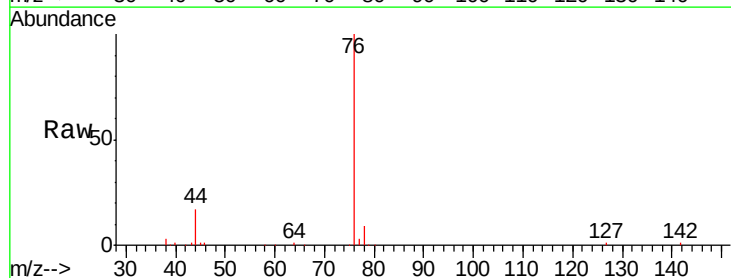
Acq: 26 Sep 2019 19:46

Tgt Ion: 76 Resp: 221897

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

80000

60000

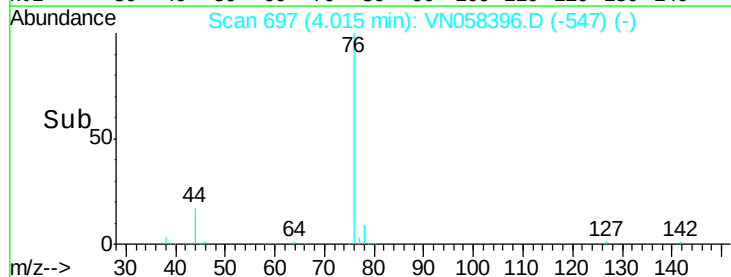
40000

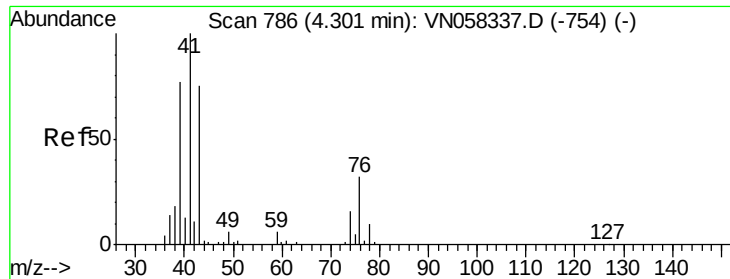
20000

0

3.90 4.01 4.10

Time-->





#17

Allyl chloride

Concen: 20.137 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.01 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

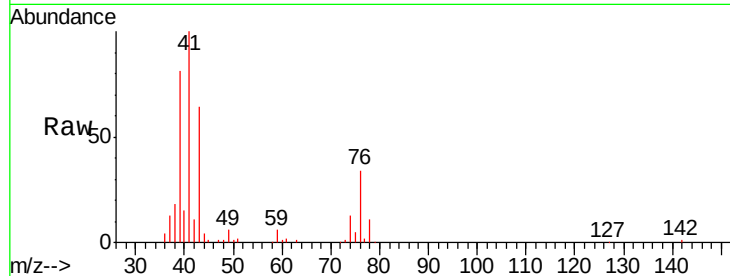
Tgt Ion: 41 Resp: 169921

Ion Ratio Lower Upper

41 100

39 81.0 38.7 116.1

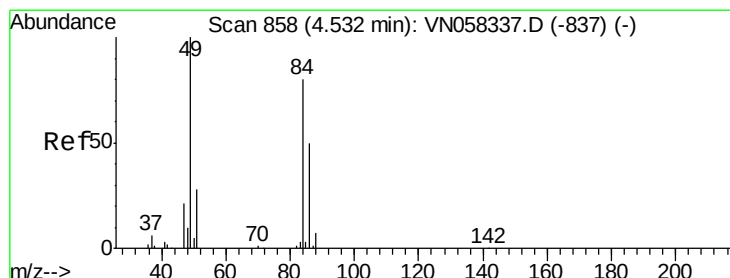
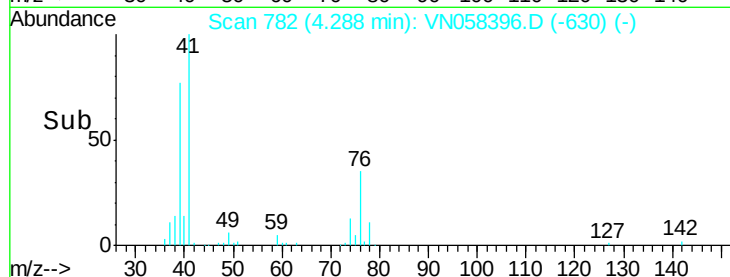
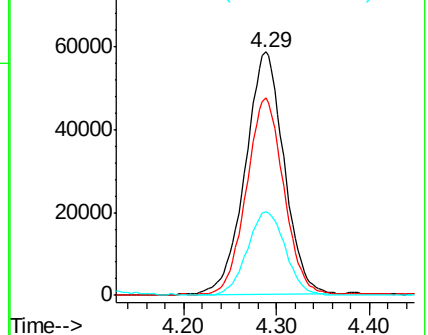
76 34.4 16.4 49.1



Abundance Ion 41.00 (40.70 to 41.70): VN058337.D (-754) (-)

Ion 39.00 (38.70 to 39.70): VN058337.D (-754) (-)

Ion 76.00 (75.70 to 76.70): VN058337.D (-754) (-)



#18

Methylene Chloride

Concen: 20.987 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.01 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Tgt Ion: 84 Resp: 111844

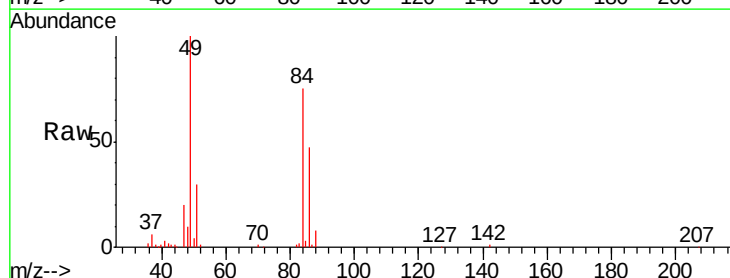
Ion Ratio Lower Upper

84 100

49 131.7 99.8 149.6

51 40.3 28.3 42.5

86 62.3 49.8 74.6

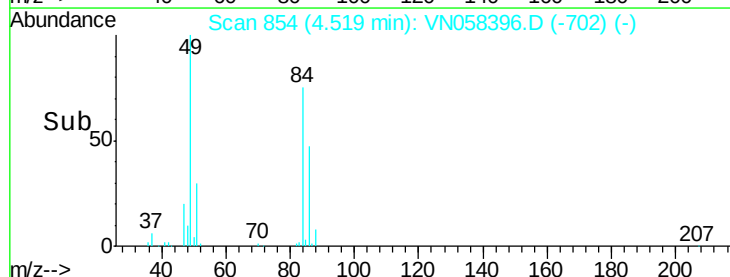
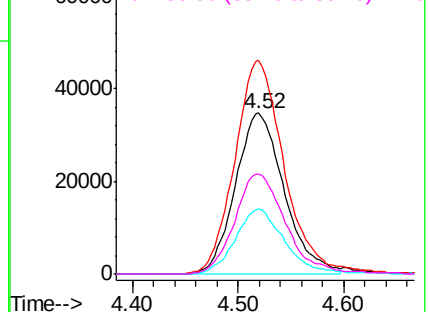


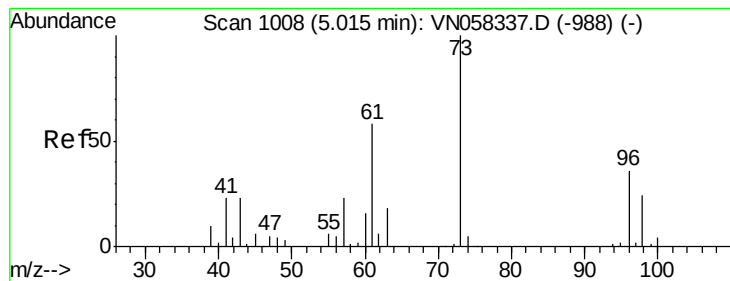
Abundance Ion 84.00 (83.70 to 84.70): VN058337.D (-837) (-)

Ion 49.00 (48.70 to 49.70): VN058337.D (-837) (-)

Ion 51.00 (50.70 to 51.70): VN058337.D (-837) (-)

Ion 86.00 (85.70 to 86.70): VN058337.D (-837) (-)





#19

trans-1,2-Dichloroethene

Concen: 21.164 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

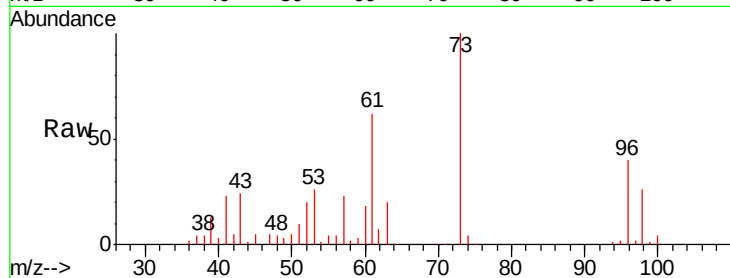
Tgt Ion: 96 Resp: 107187

Ion Ratio Lower Upper

96 100

61 153.8 128.0 192.0

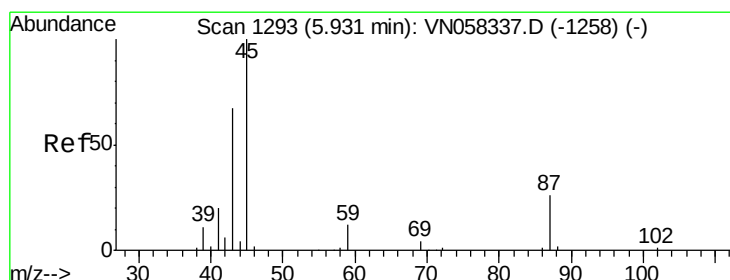
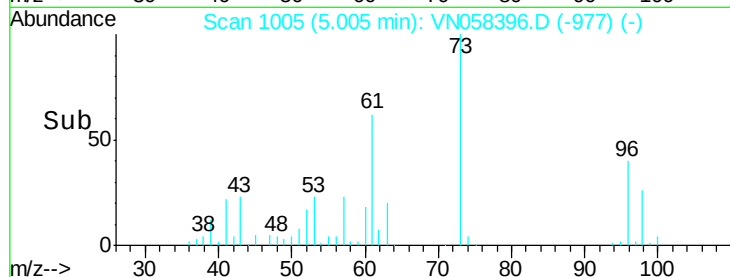
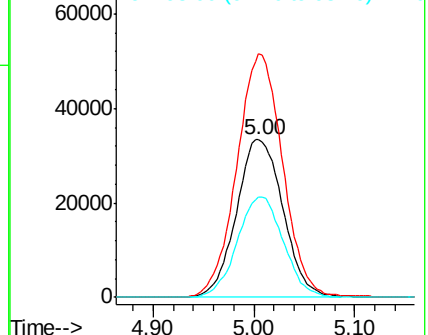
98 63.9 53.0 79.6



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



#20

Diisopropyl ether

Concen: 21.171 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Tgt Ion: 45 Resp: 380652

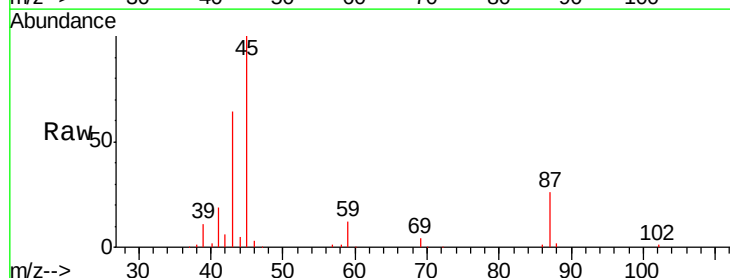
Ion Ratio Lower Upper

45 100

43 62.6 54.1 81.1

87 26.2 21.4 32.2

59 11.3 9.3 13.9

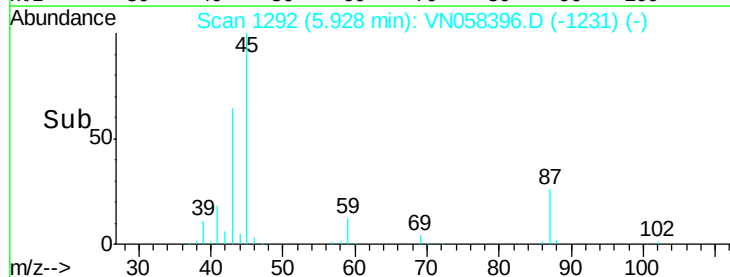
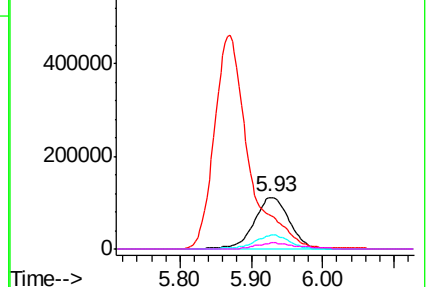


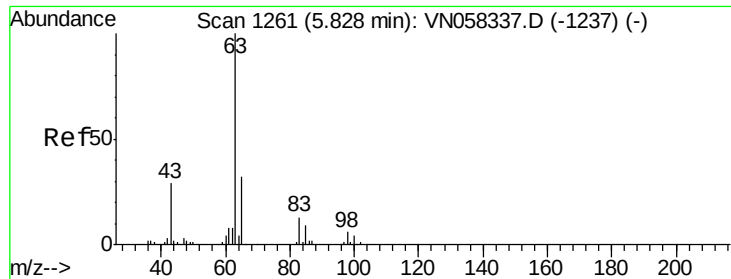
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

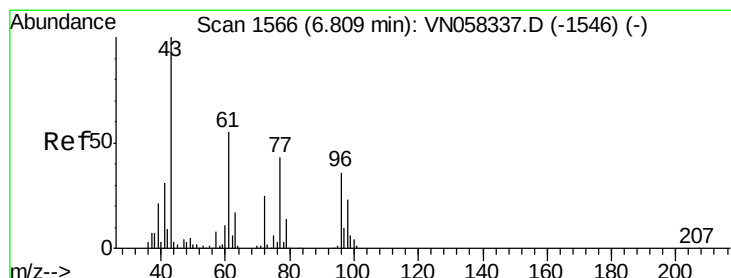
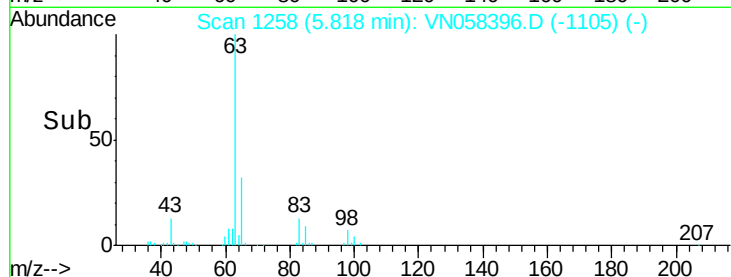
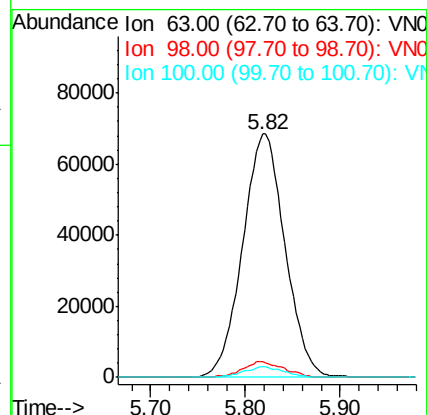
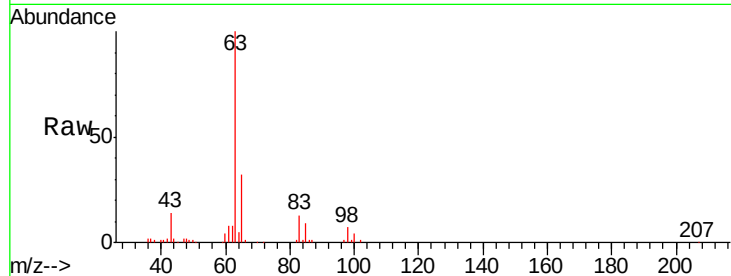




#21
 1,1-Dichloroethane
 Concen: 21.134 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

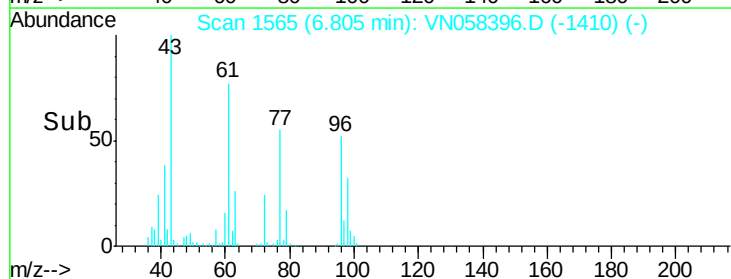
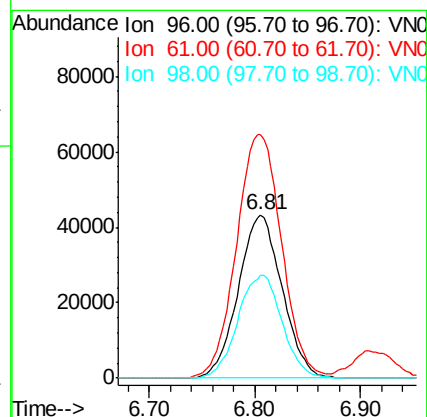
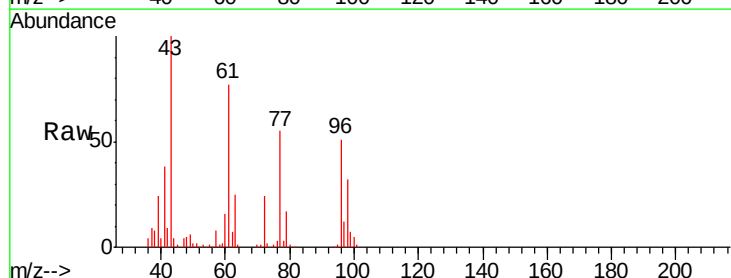
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

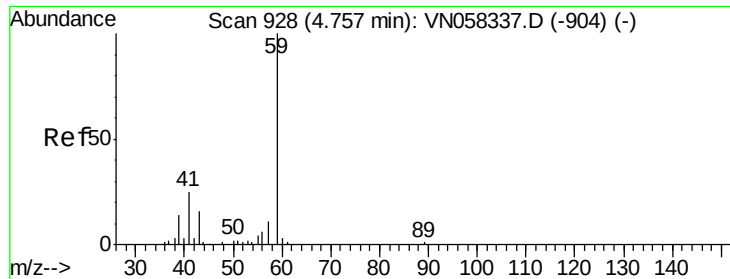
Tgt Ion: 63 Resp: 212635
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.2
 100 4.4 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 21.213 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 96 Resp: 124791
 Ion Ratio Lower Upper
 96 100
 61 154.3 128.2 192.2
 98 63.8 50.6 76.0

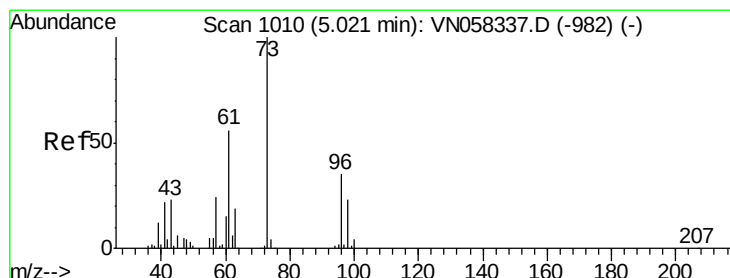
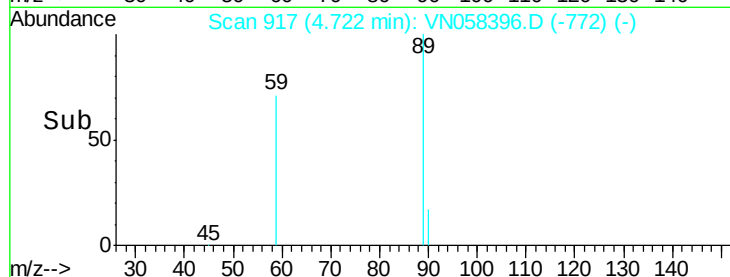
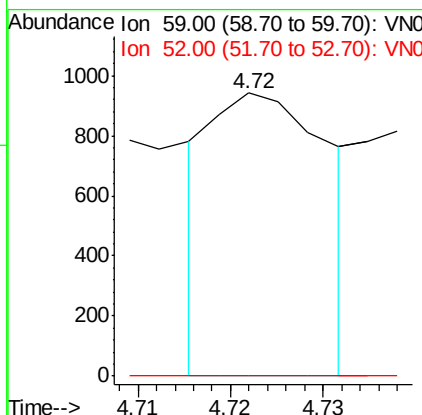
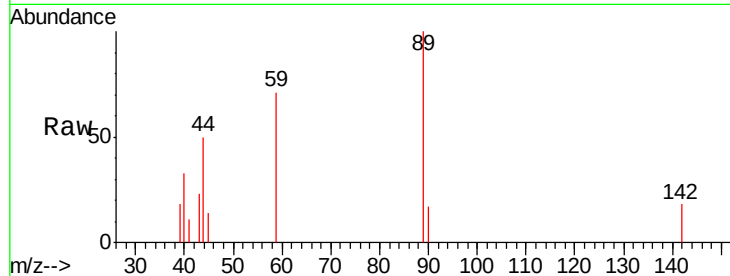




#23
 tert-Butyl Alcohol
 Concen: 0.905 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.04 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

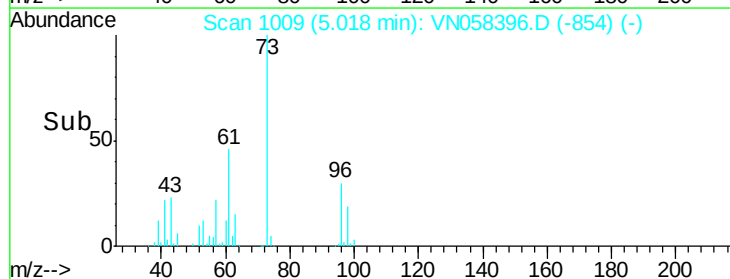
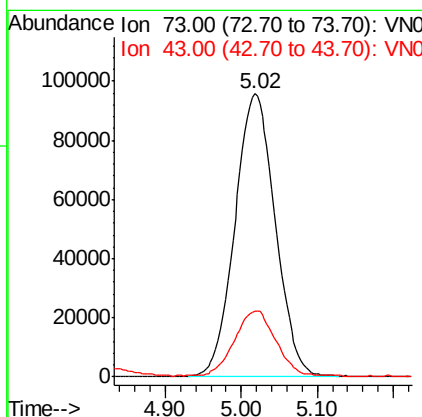
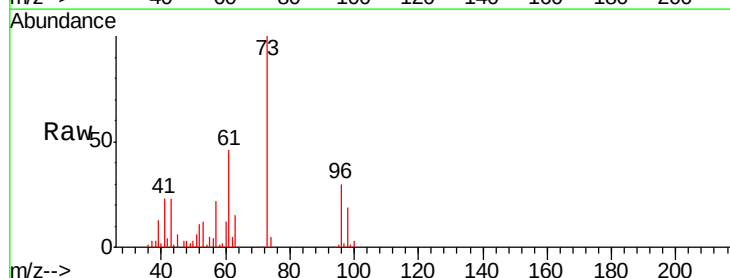
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

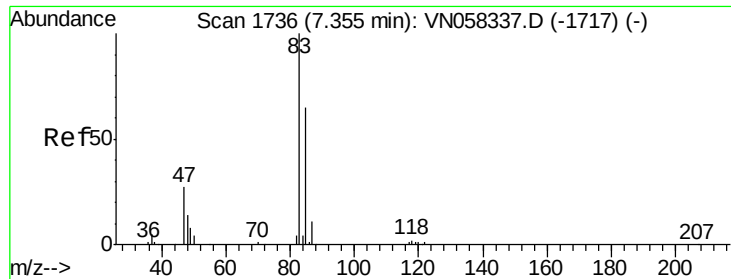
Tgt Ion: 59 Resp: 830
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 21.767 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 73 Resp: 352972
 Ion Ratio Lower Upper
 73 100
 43 23.3 18.4 27.6

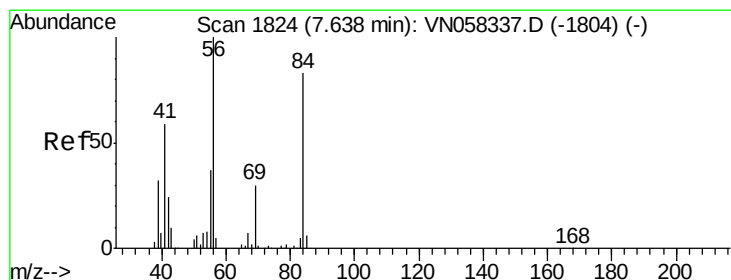
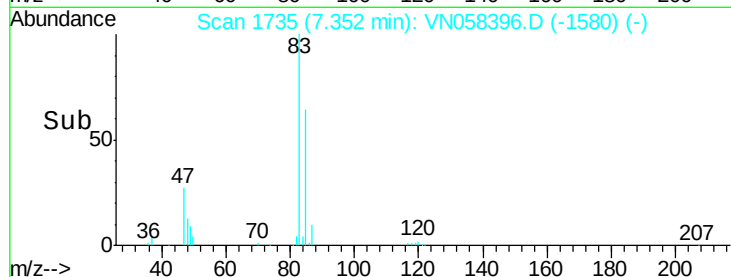
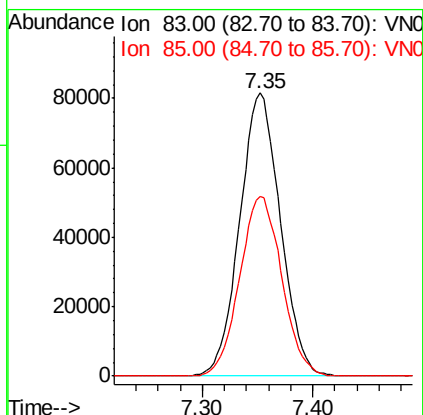
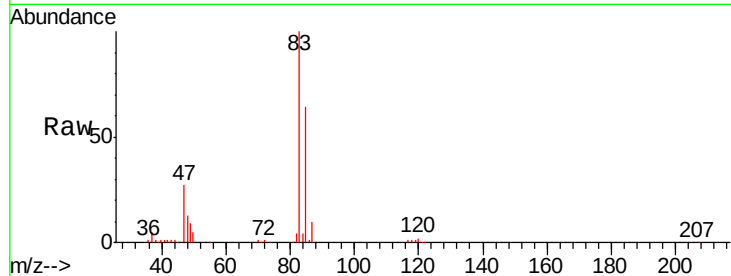




#25
Chloroform
Concen: 20.480 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

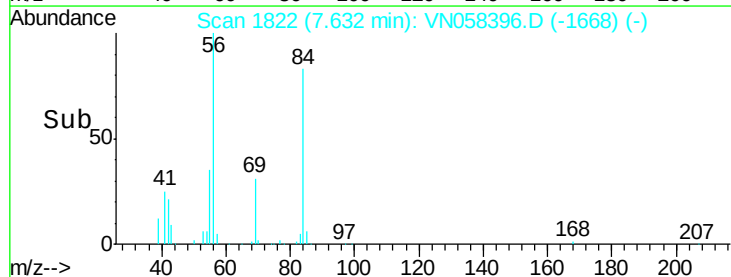
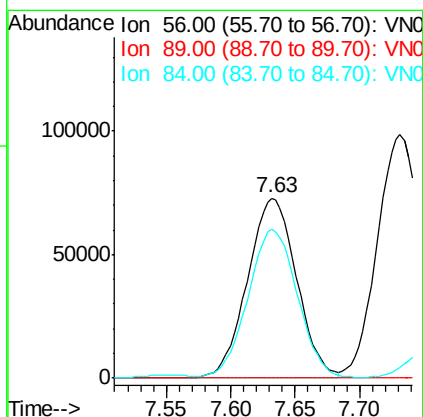
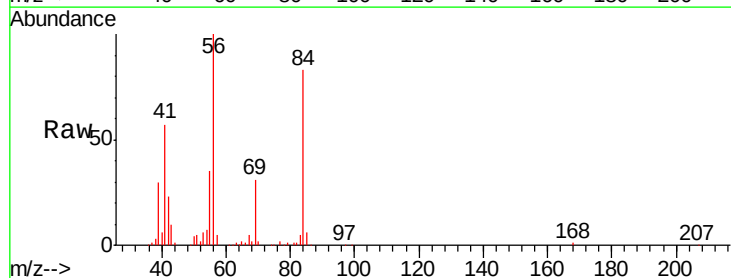
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

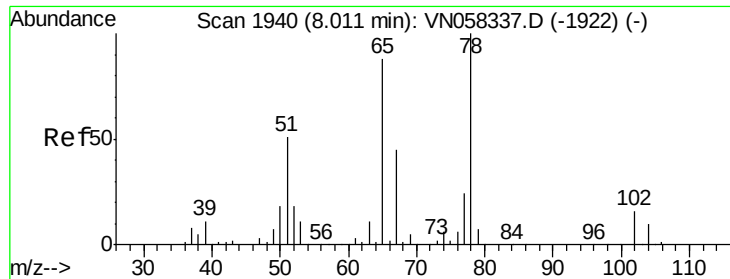
Tgt Ion: 83 Resp: 208646
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6



#26
Cyclohexane
Concen: 20.501 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 56 Resp: 192797
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 82.7 66.9 100.3

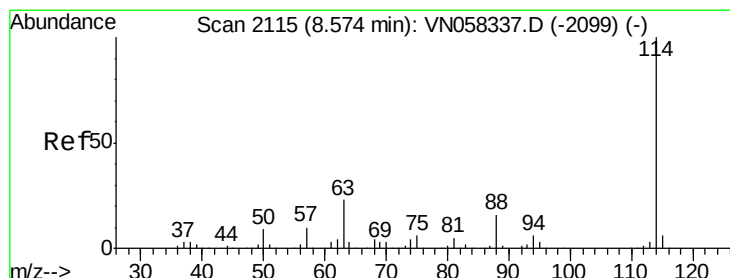
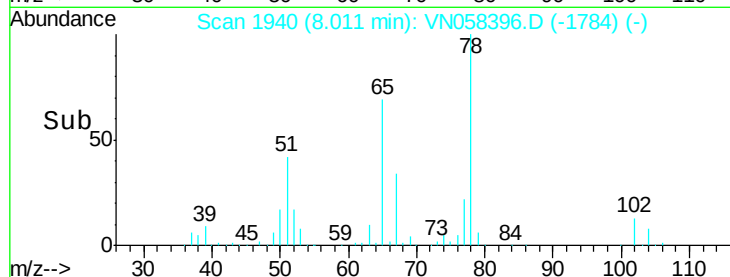
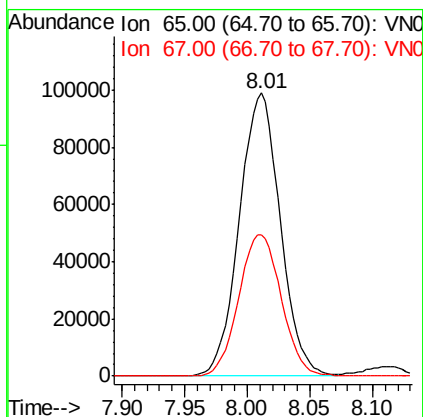
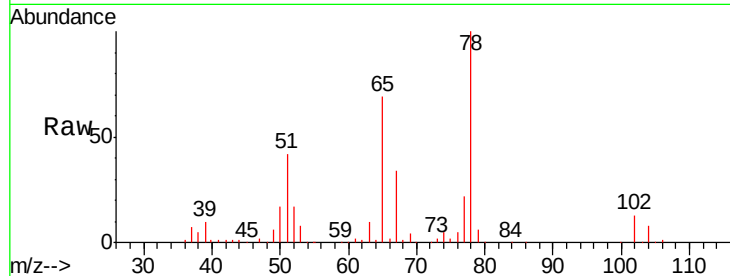




#27
 1,2-Dichloroethane-d4
 Concen: 30.959 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

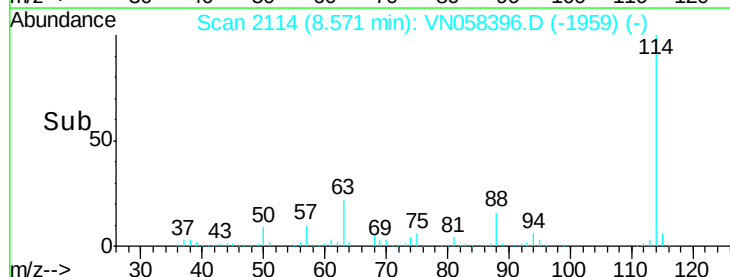
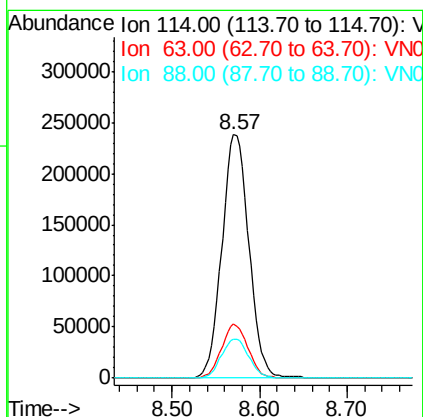
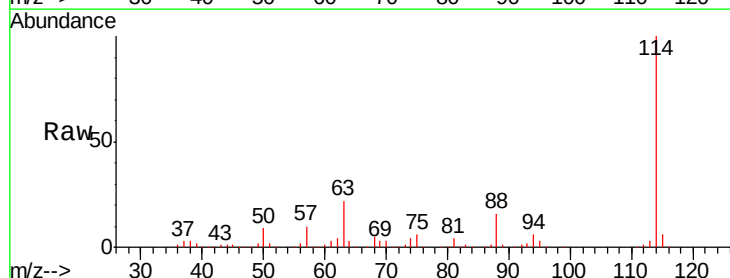
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

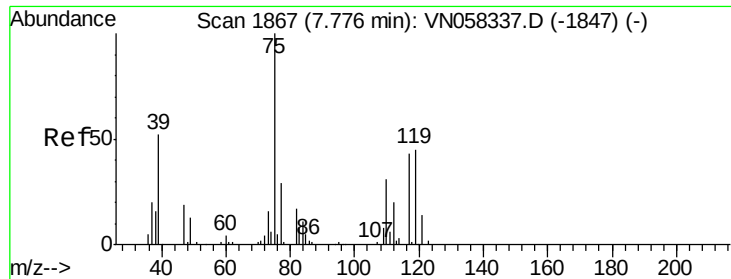
Tgt Ion: 65 Resp: 225210
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 114 Resp: 512034
 Ion Ratio Lower Upper
 114 100
 63 21.8 17.8 26.8
 88 16.2 12.7 19.1

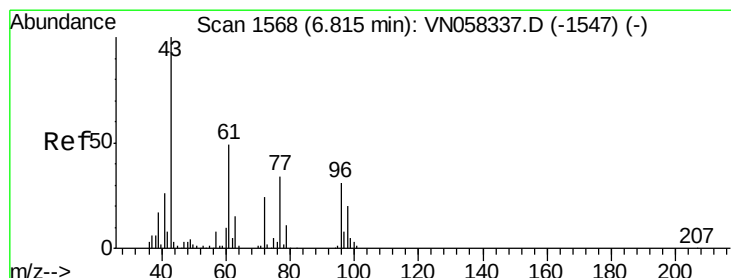
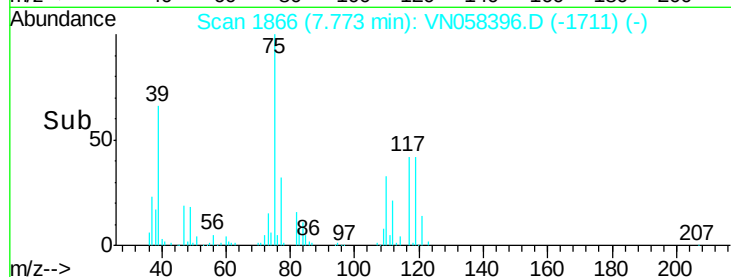
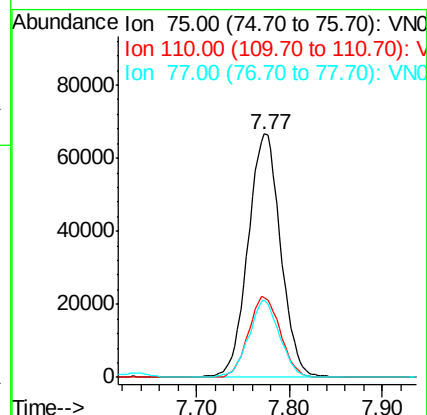
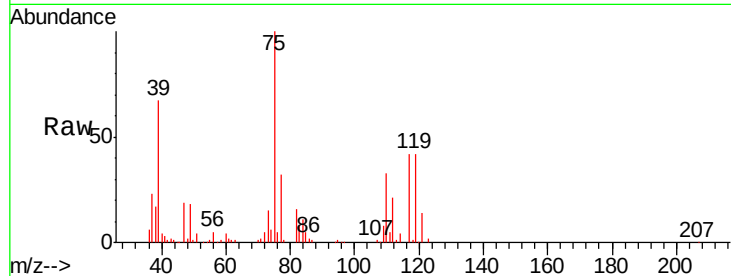




#29
 1,1-Dichloropropene
 Concen: 19.465 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

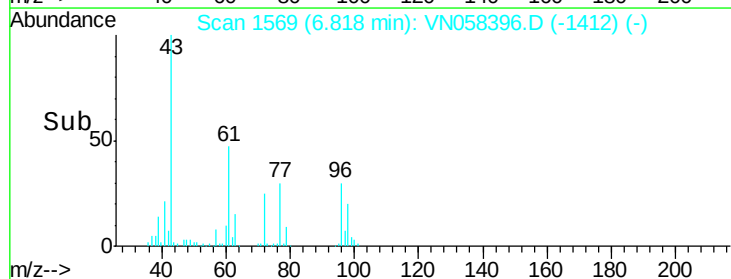
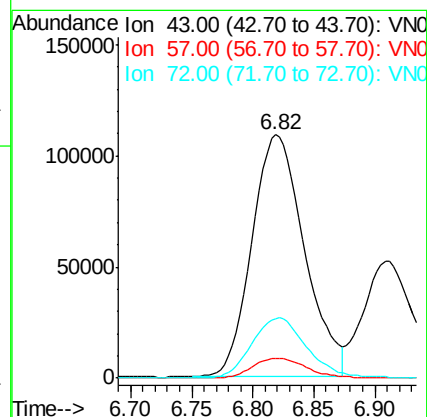
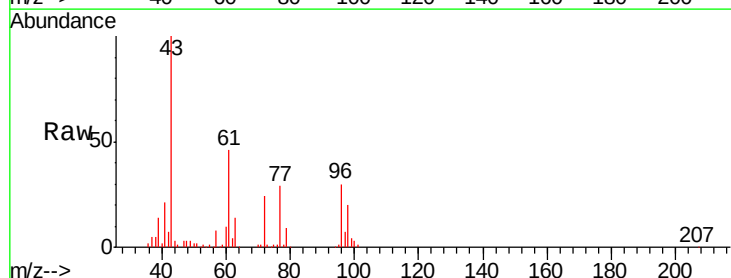
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

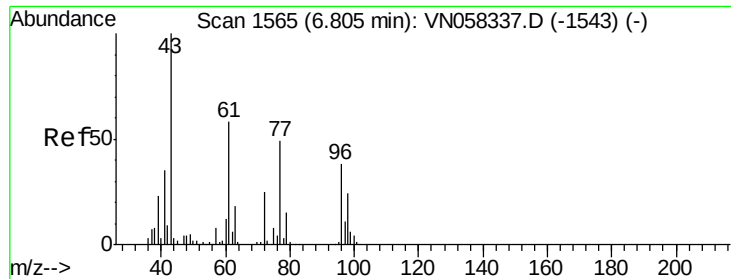
Tgt Ion: 75 Resp: 162691
 Ion Ratio Lower Upper
 75 100
 110 32.4 0.0 63.6
 77 30.1 0.0 59.4



#30
 2-Butanone
 Concen: 85.934 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 43 Resp: 326124
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.2 9.4
 72 26.2 20.3 30.5

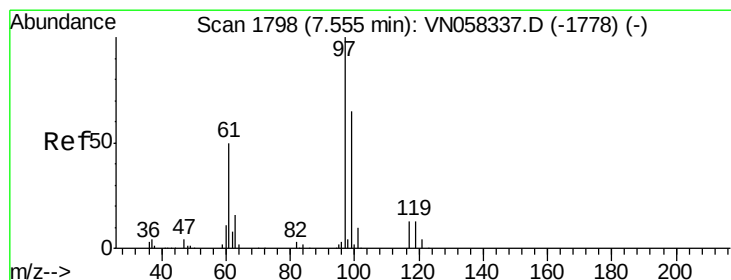
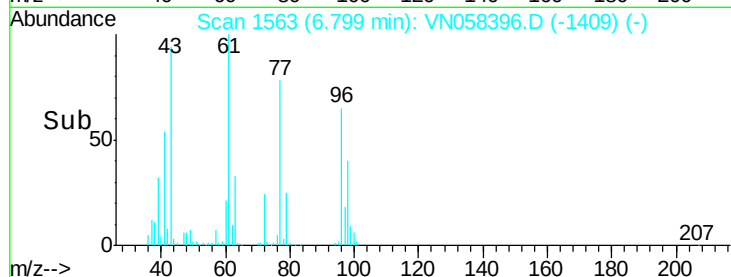
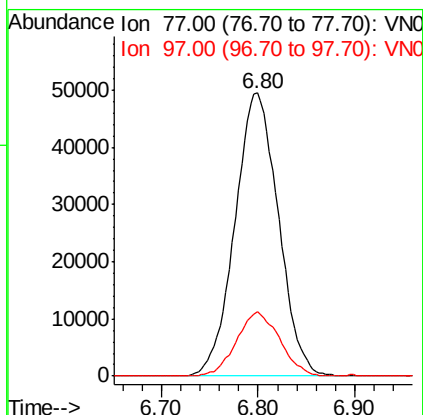
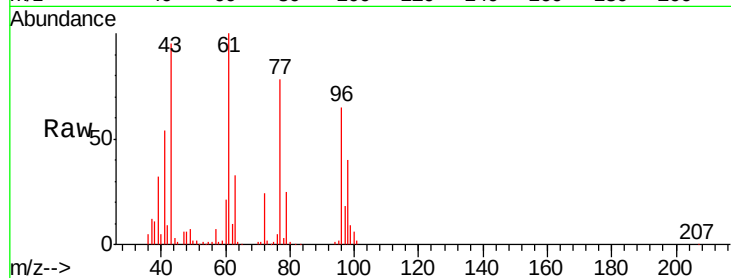




#31
 2,2-Dichloropropane
 Concen: 17.970 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

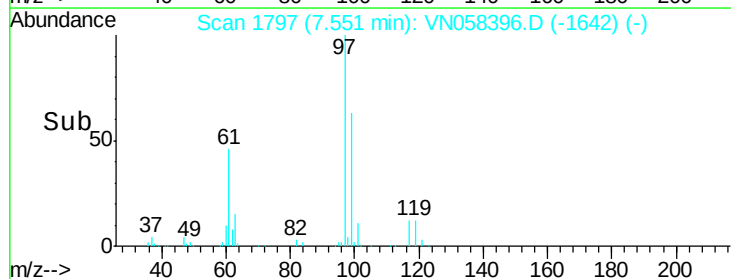
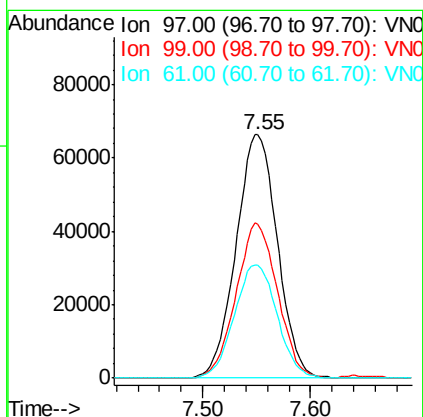
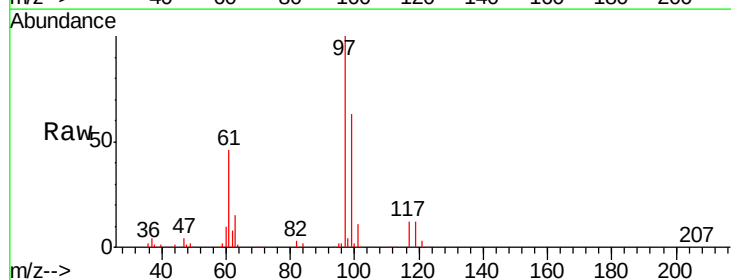
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

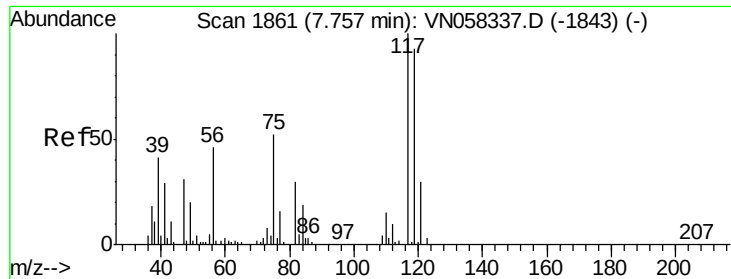
Tgt Ion: 77 Resp: 154629
 Ion Ratio Lower Upper
 77 100
 97 22.6 17.6 26.4



#32
 1,1,1-Trichloroethane
 Concen: 19.663 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 97 Resp: 177258
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.8 77.6
 61 48.0 39.4 59.2

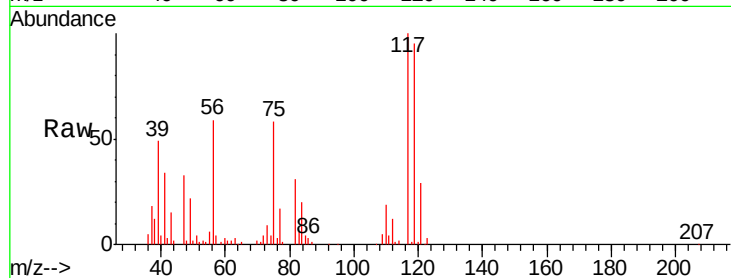




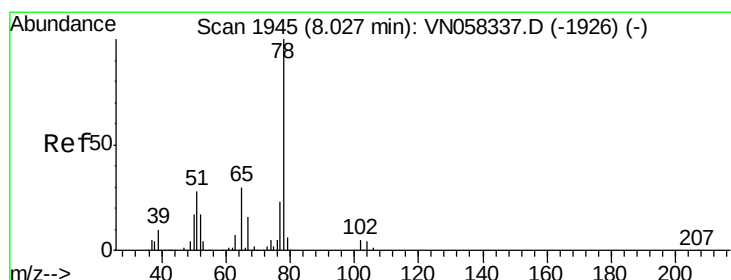
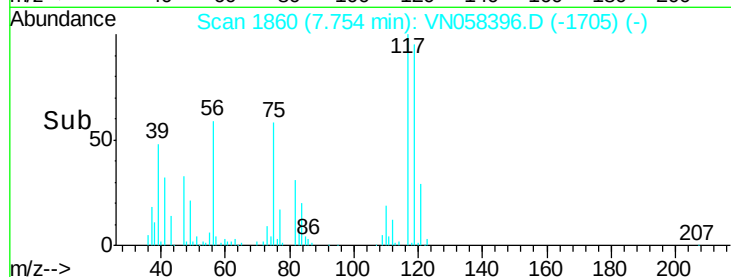
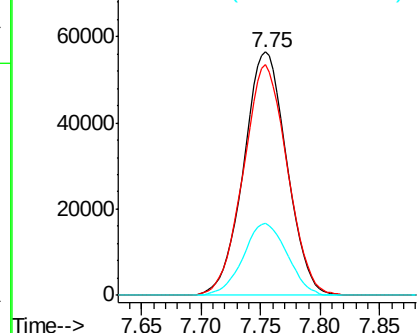
#33
Carbon Tetrachloride
Concen: 18.496 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 141660
Ion Ratio Lower Upper
117 100
119 94.9 74.2 111.4
121 29.4 23.9 35.9

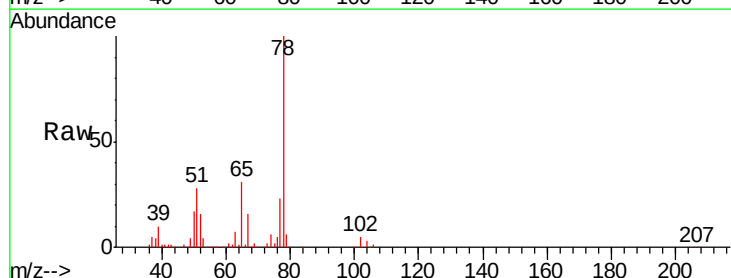


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

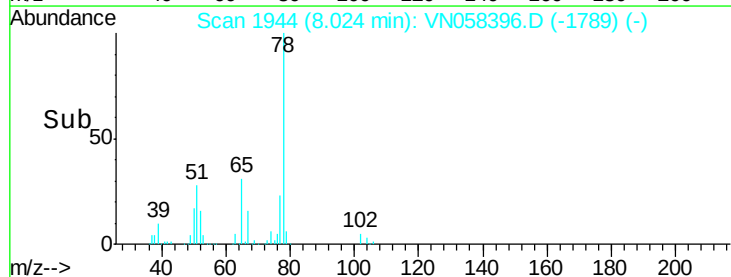
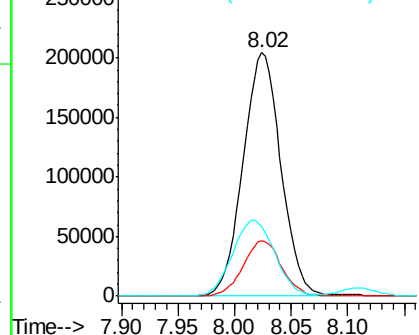


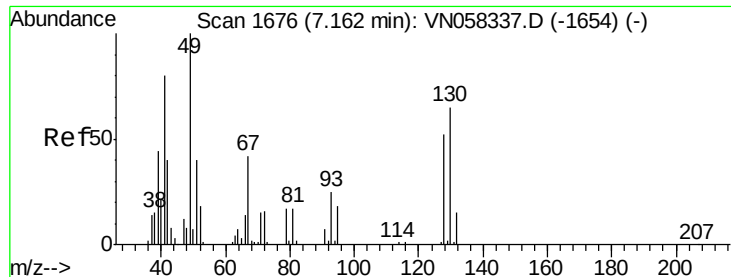
#34
Benzene
Concen: 20.102 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 78 Resp: 476625
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2
51 28.2 22.4 33.6



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

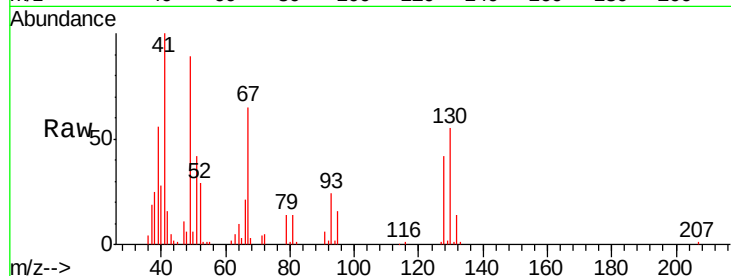




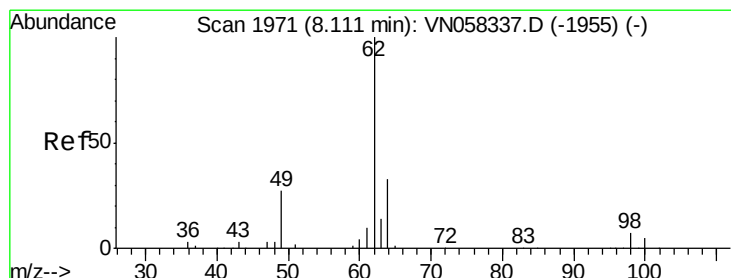
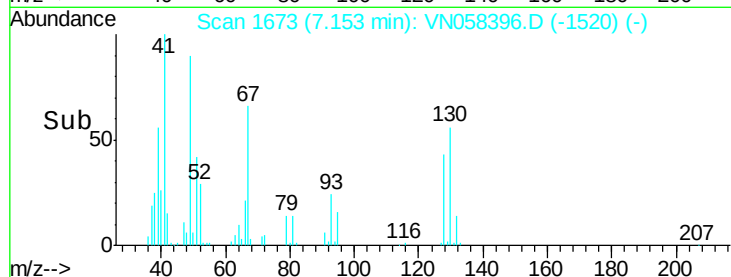
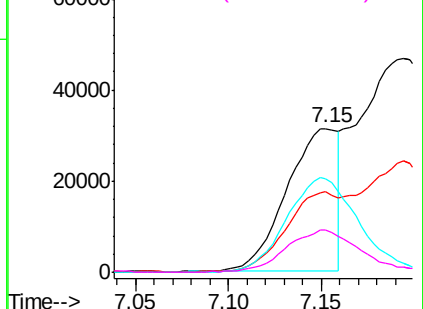
#35
Methacrylonitrile
Concen: 18.417 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	60118
Ion	Ratio	Lower	Upper
41	100		
39	56.5	27.3	81.9
67	66.3	26.3	78.9
52	29.4	11.0	33.0

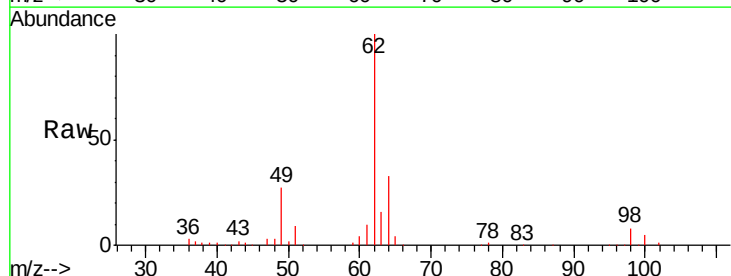


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

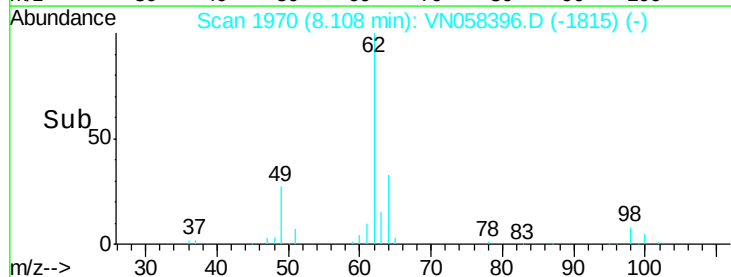
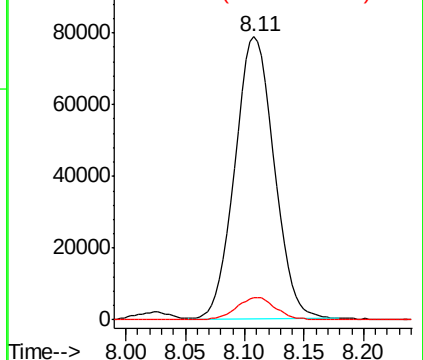


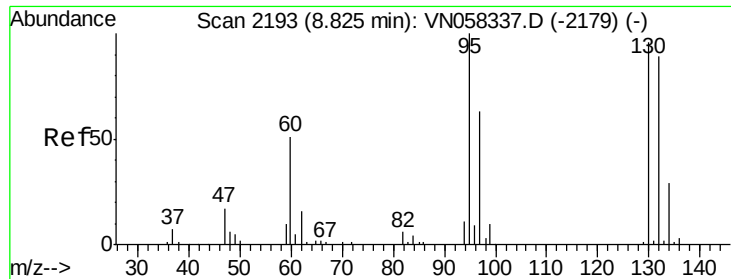
#36
1,2-Dichloroethane
Concen: 19.443 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion:	62	Resp:	180583
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.0	9.0



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 19.728 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

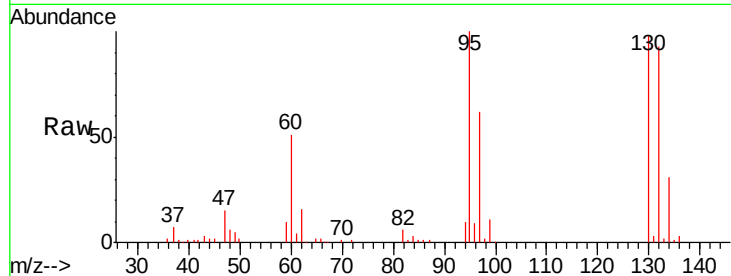
VSTDCCC020EC

Tgt Ion:130 Resp: 117102

Ion Ratio Lower Upper

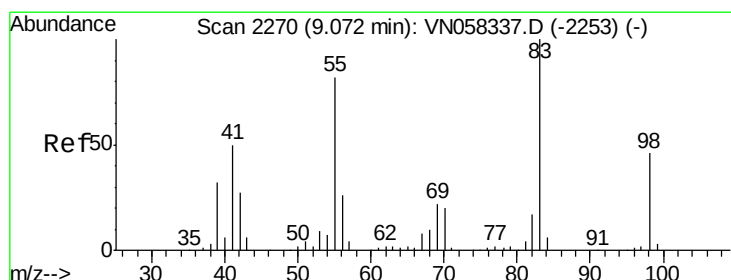
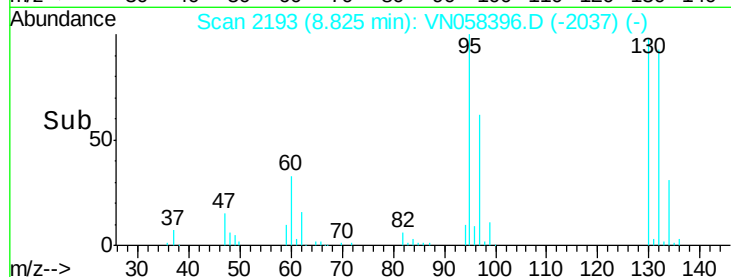
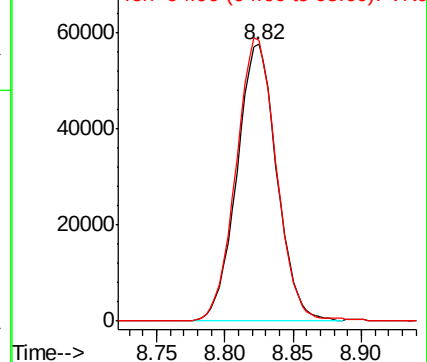
130 100

95 101.3 83.3 124.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 18.233 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

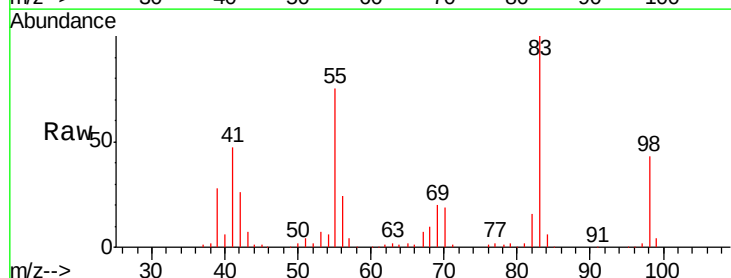
Tgt Ion: 83 Resp: 184274

Ion Ratio Lower Upper

83 100

55 77.0 40.5 121.4

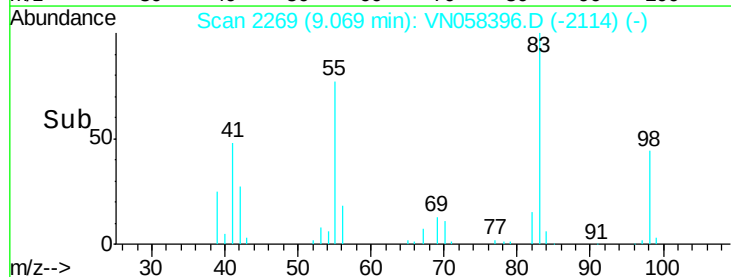
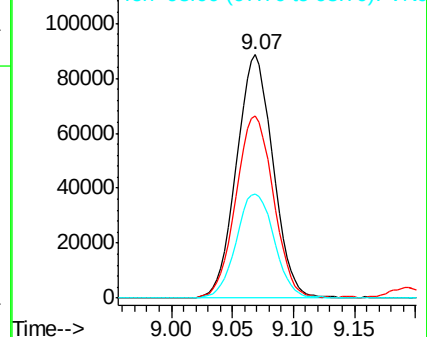
98 44.6 23.1 69.2

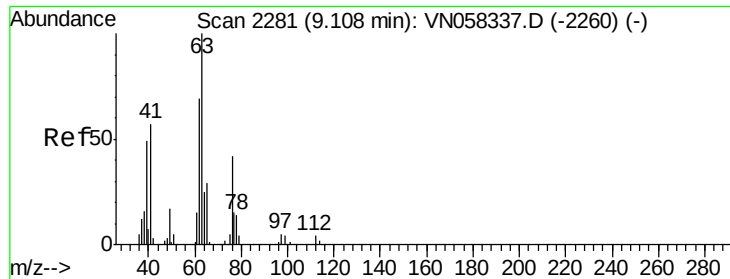


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

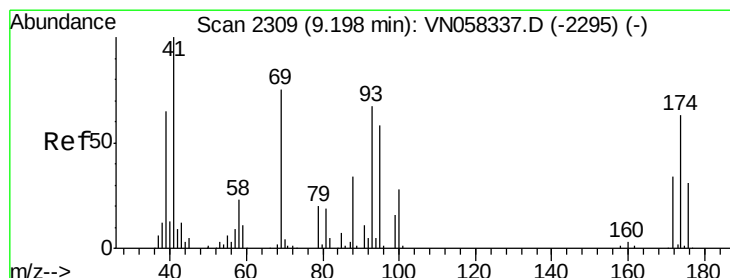
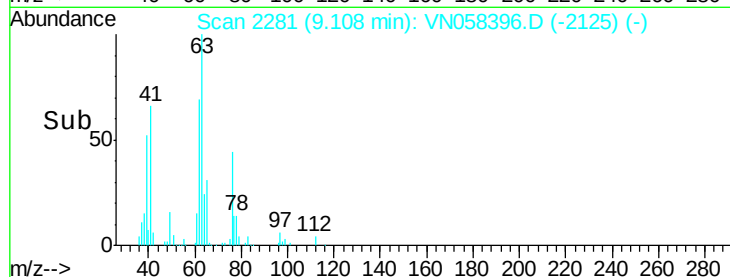
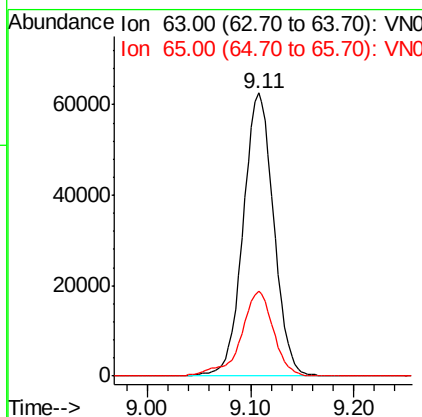
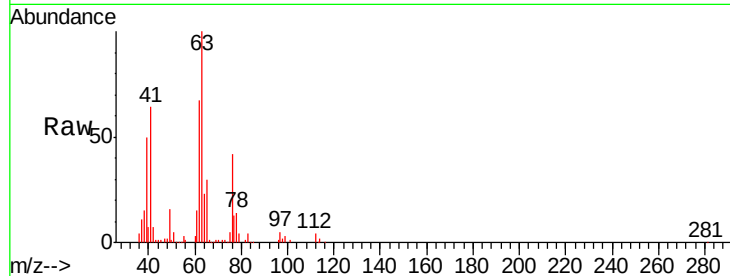




#39
 1,2-Dichloropropane
 Concen: 19.924 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

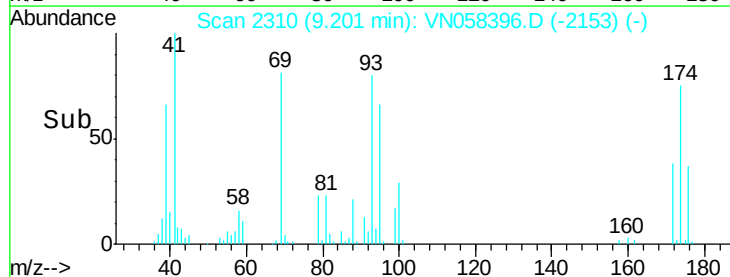
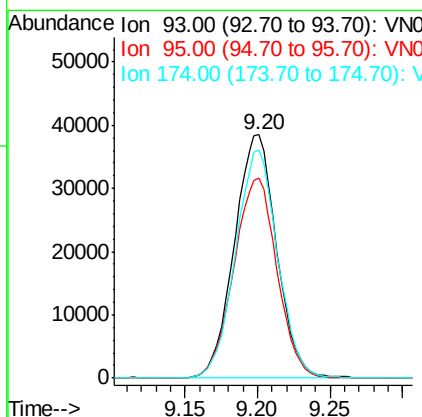
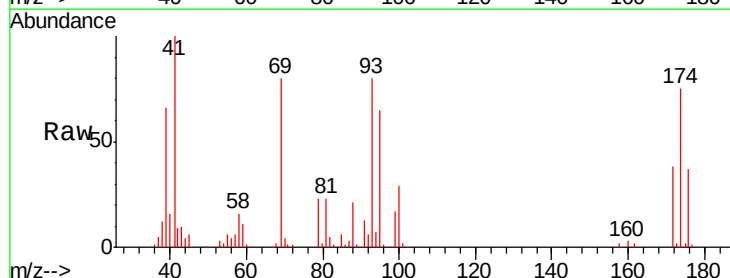
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

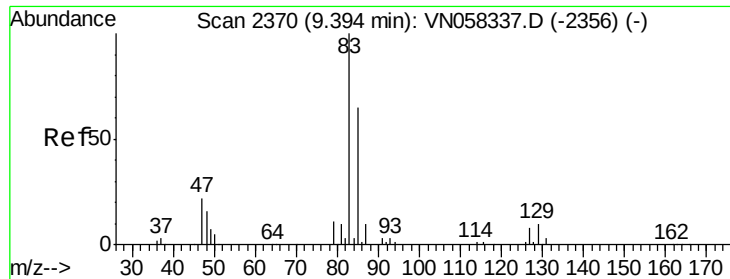
Tgt Ion: 63 Resp: 128853
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.4 35.0



#40
 Dibromomethane
 Concen: 19.032 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 93 Resp: 77687
 Ion Ratio Lower Upper
 93 100
 95 83.9 0.0 166.8
 174 93.4 0.0 187.2





#41

Bromodichloromethane

Concen: 18.375 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

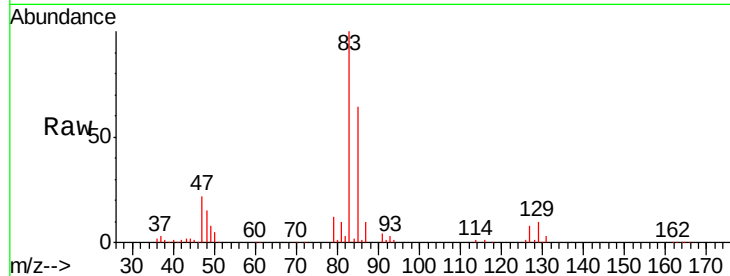
Tgt Ion: 83 Resp: 148246

Ion Ratio Lower Upper

83 100

85 63.8 52.0 78.0

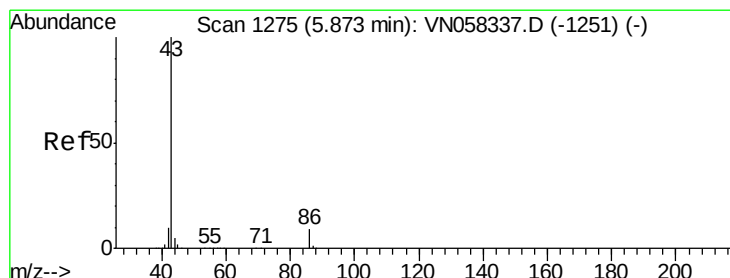
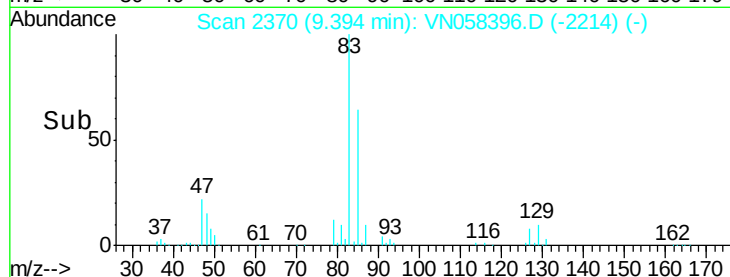
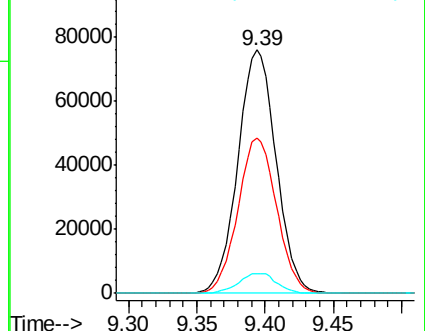
127 8.3 6.1 9.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 105.776 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058396.D

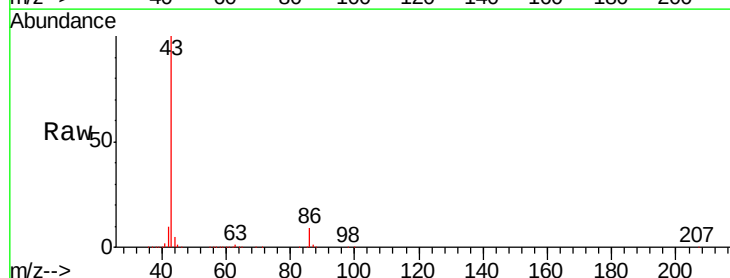
Acq: 26 Sep 2019 19:46

Tgt Ion: 43 Resp: 1532715

Ion Ratio Lower Upper

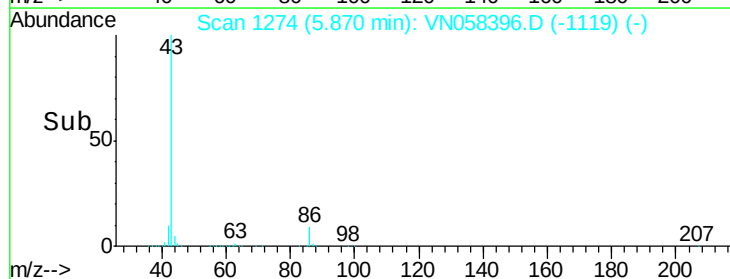
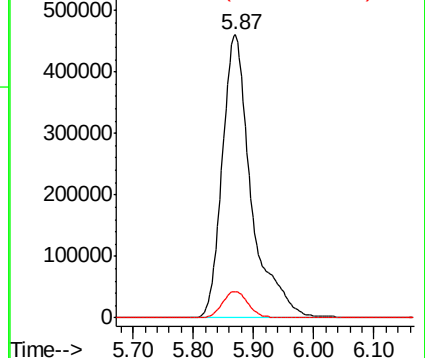
43 100

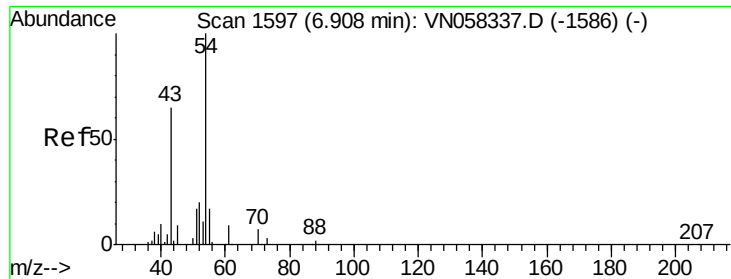
86 8.3 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 19.632 ug/l

RT: 6.91 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

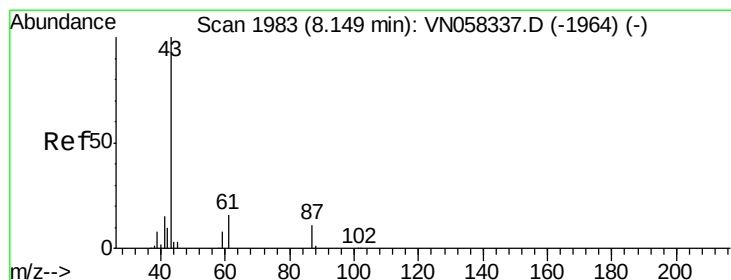
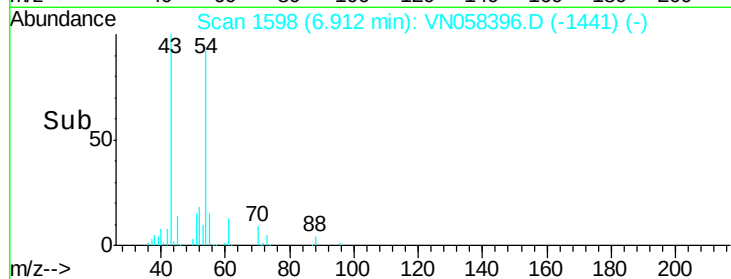
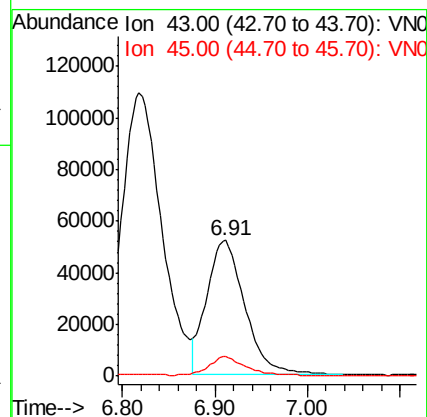
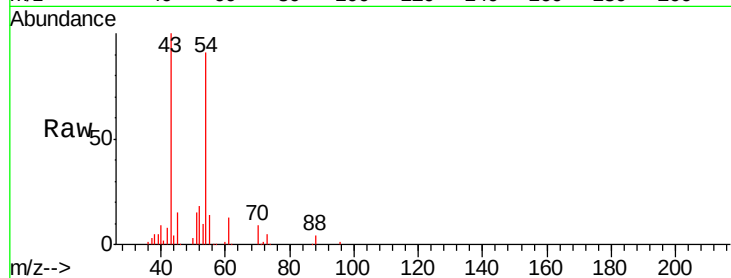
VSTDCCC020EC

Tgt Ion: 43 Resp: 147931

Ion Ratio Lower Upper

43 100

45 12.5 9.8 14.6



#44

Isopropyl Acetate

Concen: 20.201 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058396.D

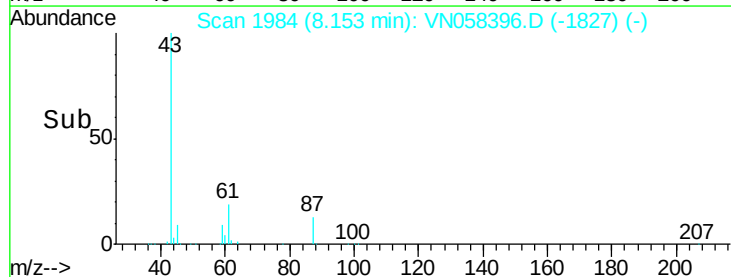
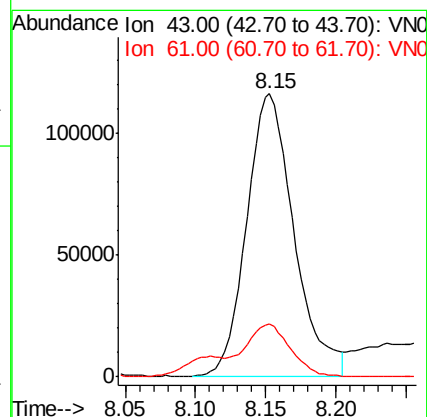
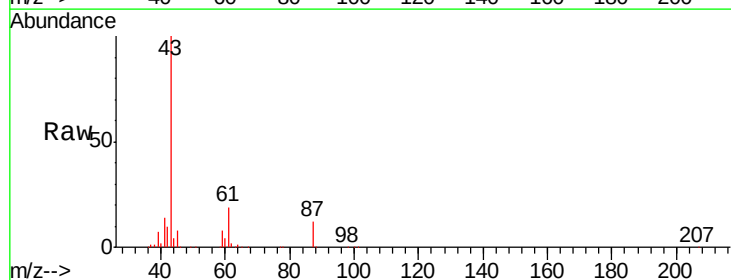
Acq: 26 Sep 2019 19:46

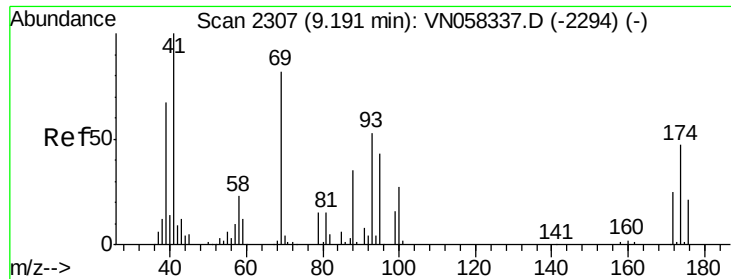
Tgt Ion: 43 Resp: 272485

Ion Ratio Lower Upper

43 100

61 16.6 14.4 21.6

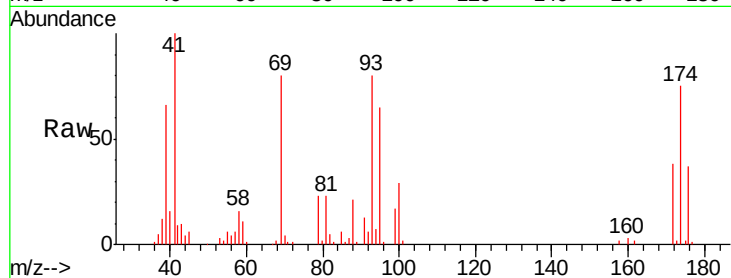




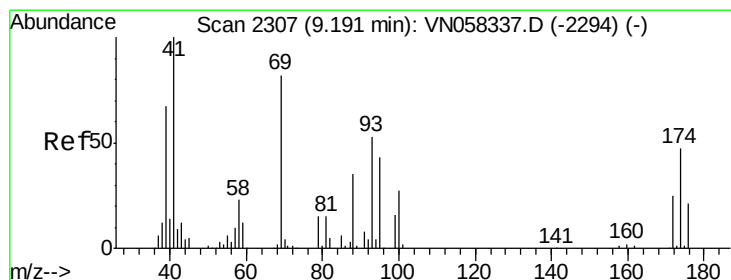
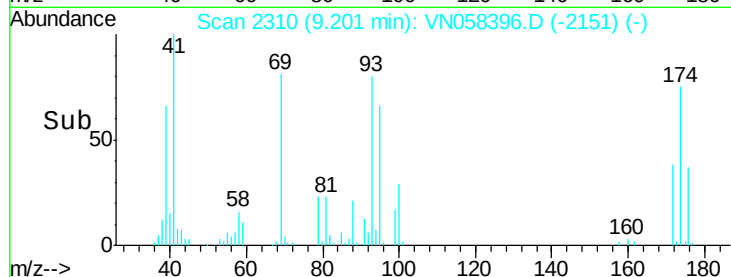
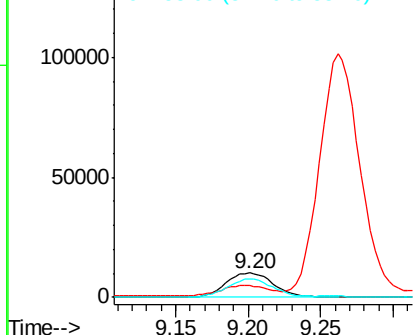
#45
 1,4-Dioxane
 Concen: 205.608 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 88 Resp: 23397
 Ion Ratio Lower Upper
 88 100
 43 40.5 27.2 40.8
 58 72.3 55.4 83.0

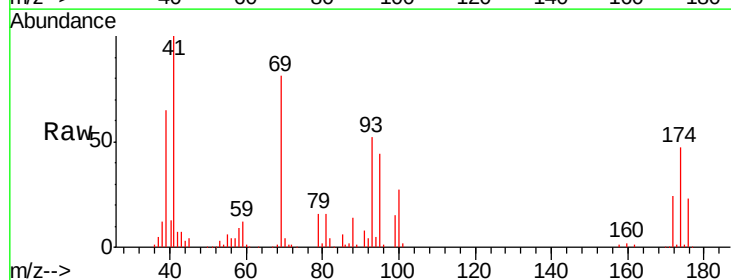


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

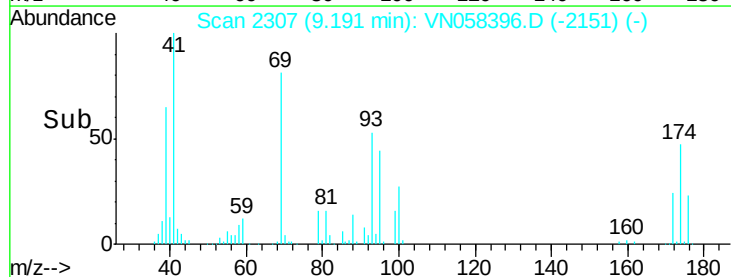
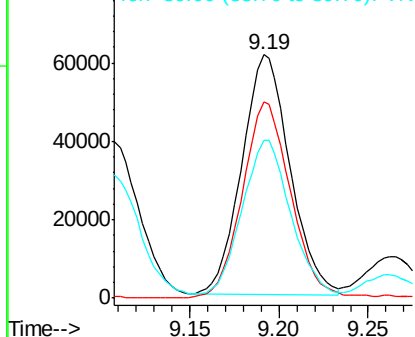


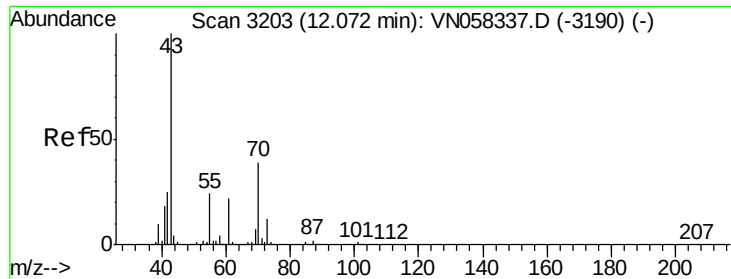
#46
 Methyl methacrylate
 Concen: 18.028 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 41 Resp: 115249
 Ion Ratio Lower Upper
 41 100
 69 81.9 40.9 122.7
 39 63.8 33.6 100.6



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





#47

n-amyl Acetate

Concen: 19.252 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

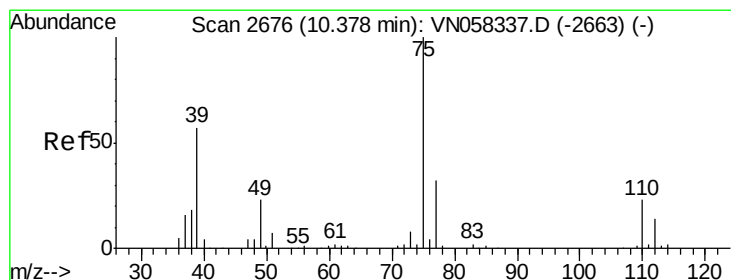
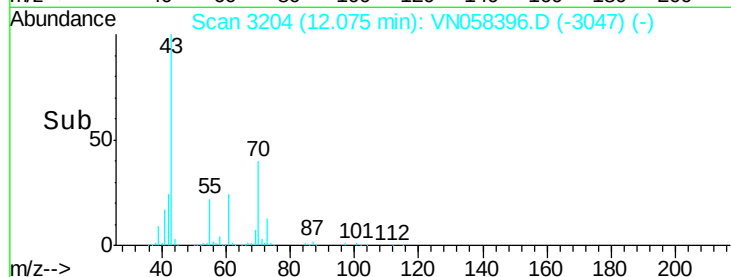
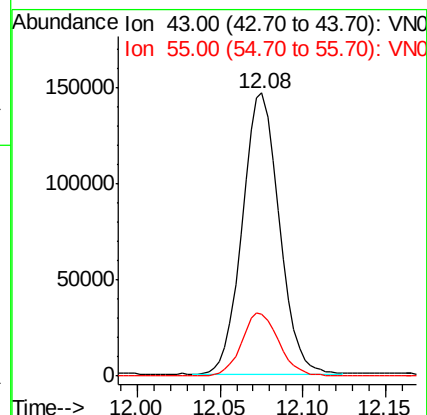
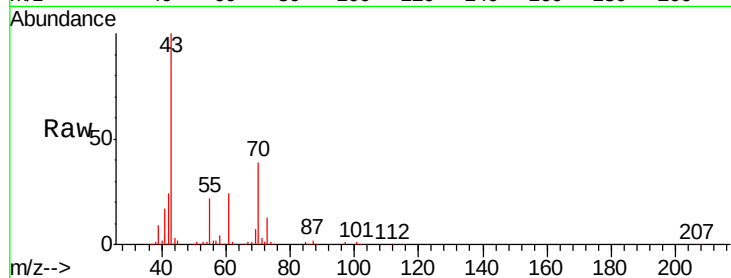
VSTDCCC020EC

Tgt Ion: 43 Resp: 226036

Ion Ratio Lower Upper

43 100

55 22.9 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.437 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058396.D

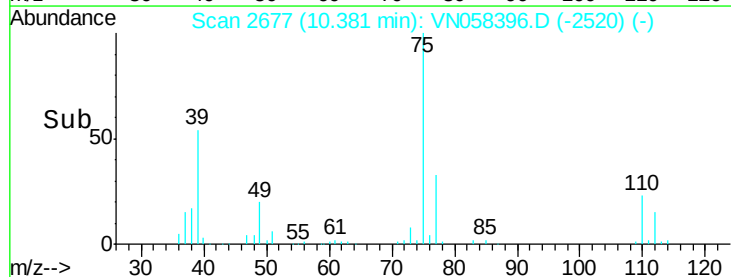
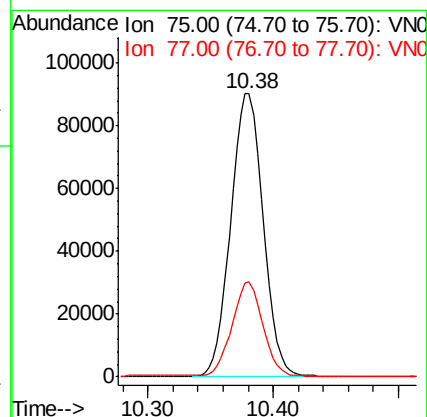
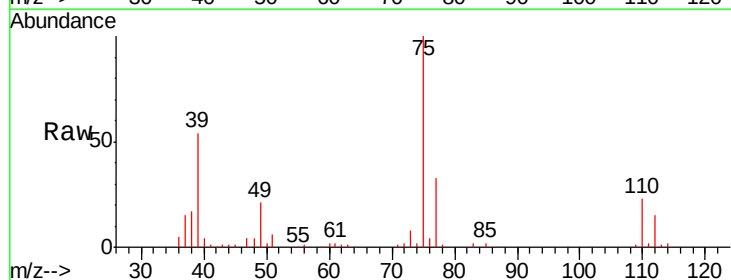
Acq: 26 Sep 2019 19:46

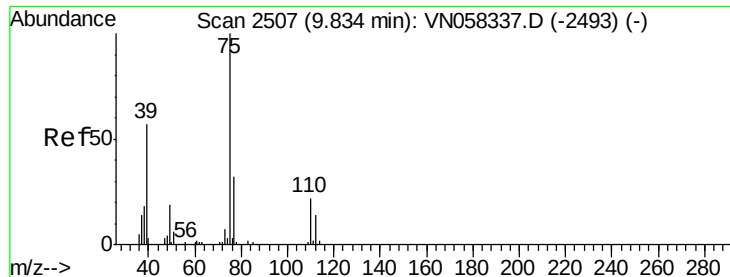
Tgt Ion: 75 Resp: 162540

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0



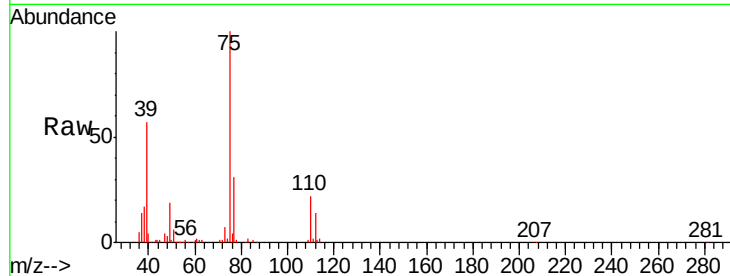


#49

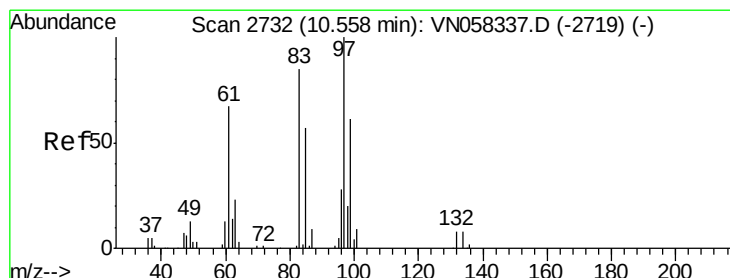
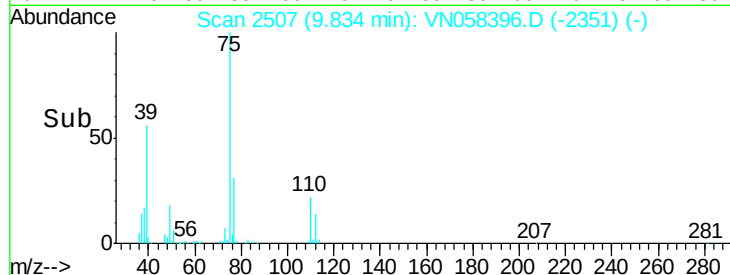
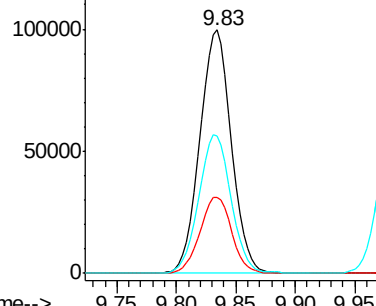
cis-1,3-Dichloropropene
 Concen: 18.601 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion: 75 Resp: 182582
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8
 39 56.3 45.8 68.6



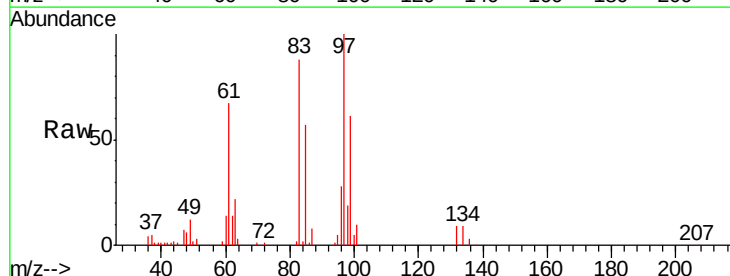
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



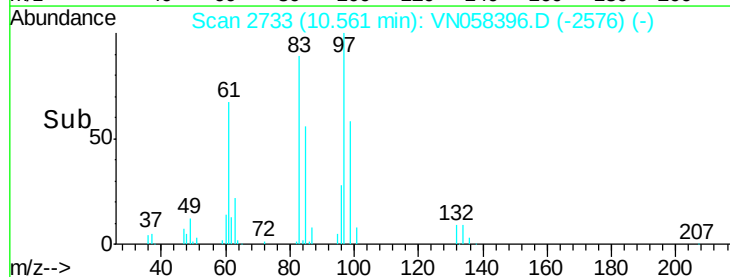
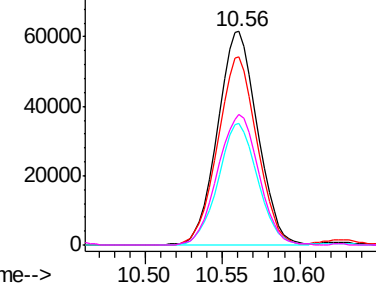
#50

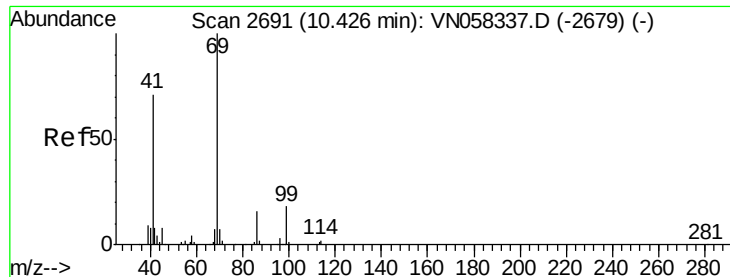
1,1,2-Trichloroethane
 Concen: 19.420 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 97 Resp: 110784
 Ion Ratio Lower Upper
 97 100
 83 88.3 67.8 101.6
 85 56.8 45.8 68.6
 99 60.9 48.6 72.8



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 18.522 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

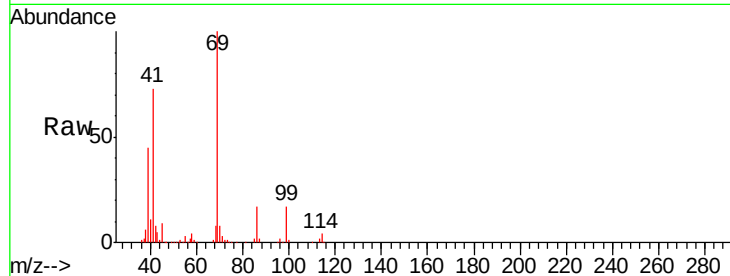
Tgt Ion: 69 Resp: 167171

Ion Ratio Lower Upper

69 100

41 72.5 35.4 106.1

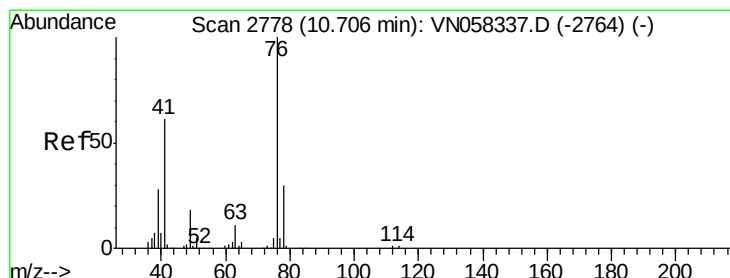
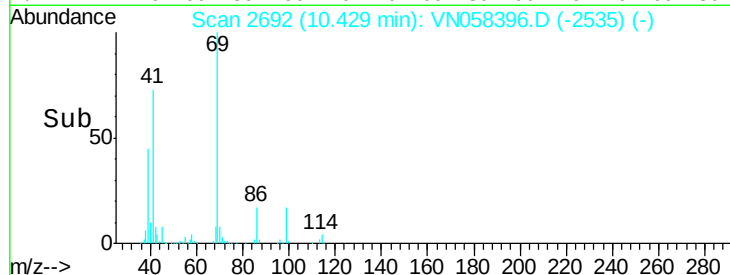
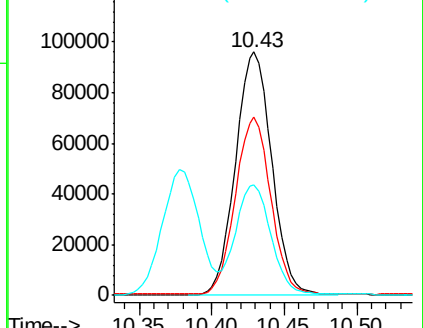
39 44.7 23.5 70.5



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 19.268 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058396.D

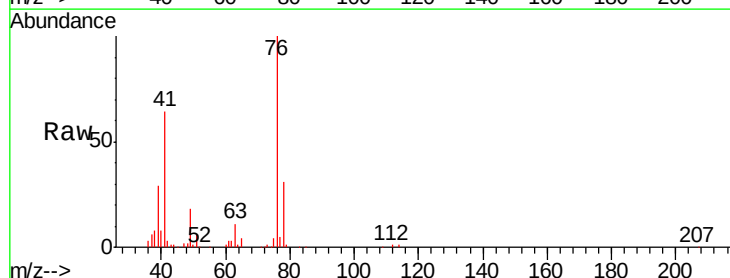
Acq: 26 Sep 2019 19:46

Tgt Ion: 76 Resp: 195213

Ion Ratio Lower Upper

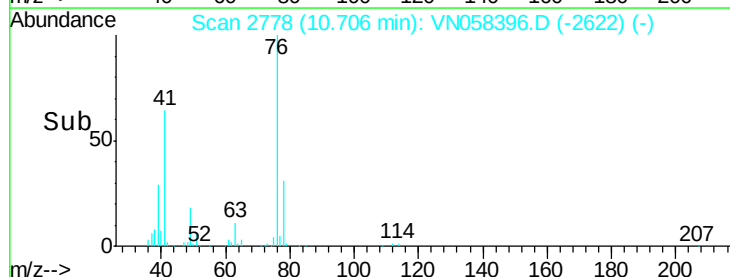
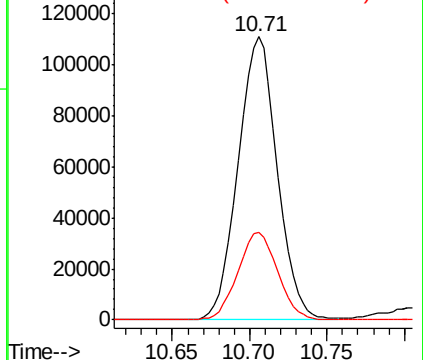
76 100

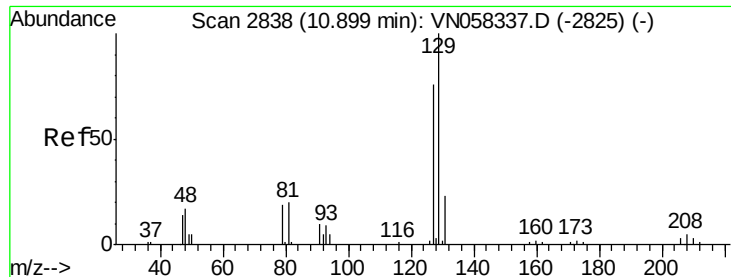
78 31.5 0.0 63.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 18.180 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

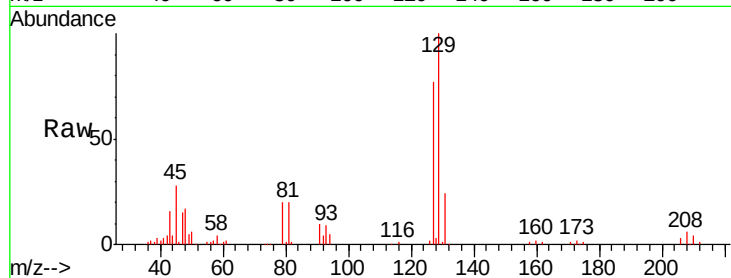
VSTDCCC020EC

Tgt Ion:129 Resp: 104191

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

60000

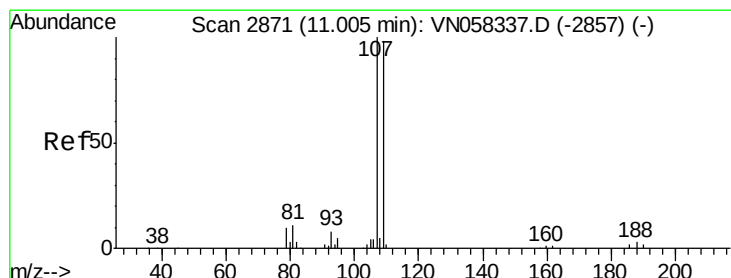
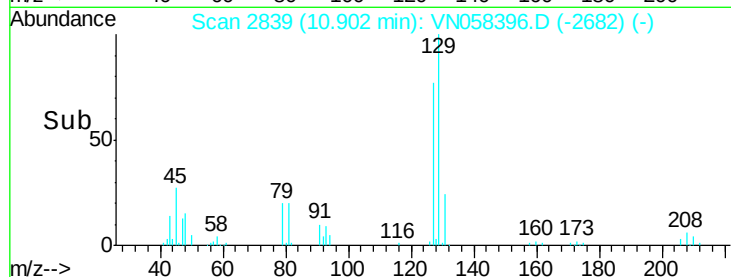
40000

20000

0

10.85 10.90 10.95

Time-->



#54

1,2-Dibromoethane

Concen: 19.256 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058396.D

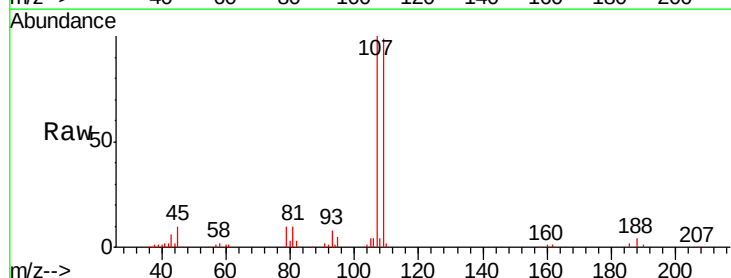
Acq: 26 Sep 2019 19:46

Tgt Ion:107 Resp: 112099

Ion Ratio Lower Upper

107 100

109 94.9 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

60000

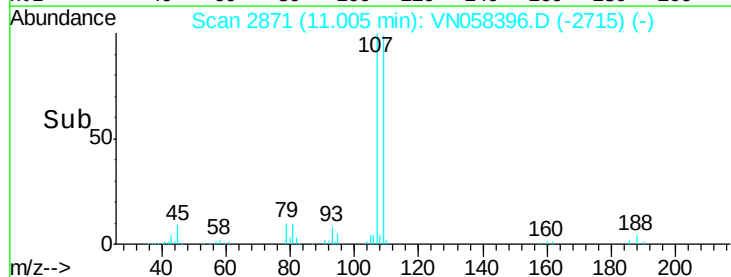
40000

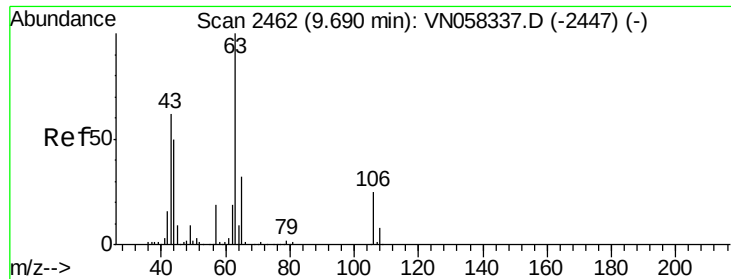
20000

0

10.95 11.00 11.05

Time-->

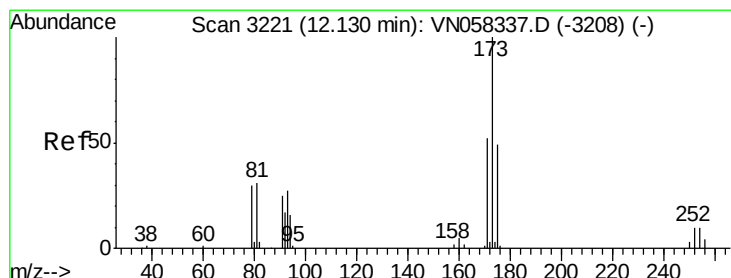
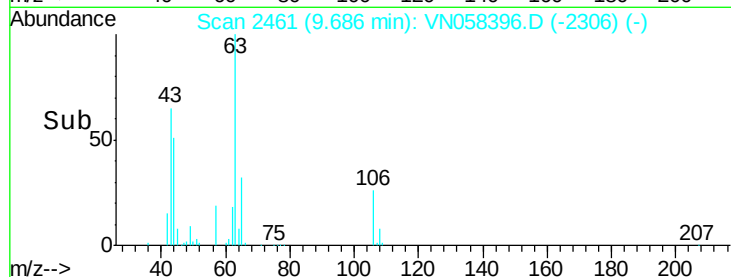
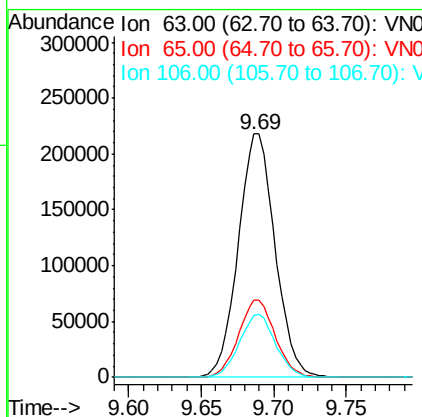
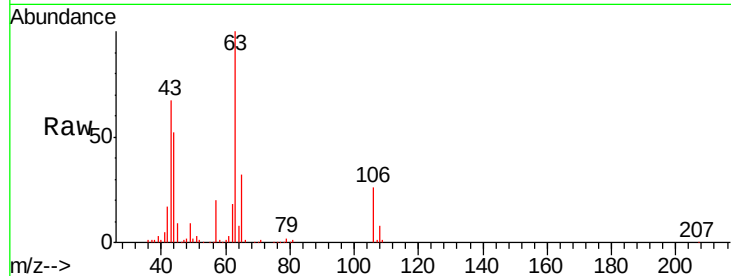




#55
 2-Chloroethyl vinyl ether
 Concen: 100.504 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

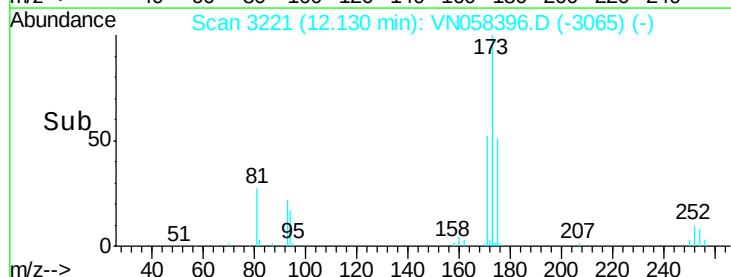
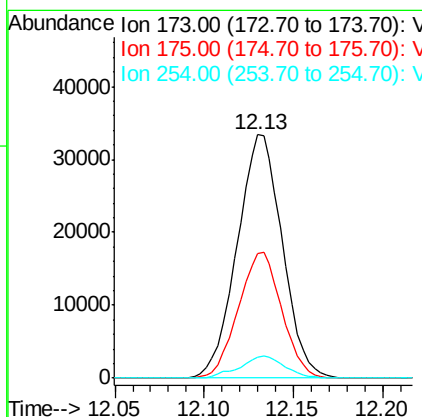
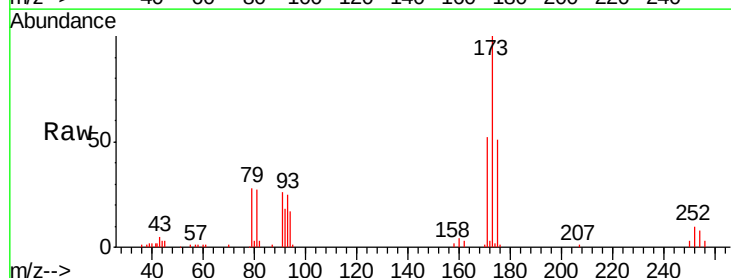
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

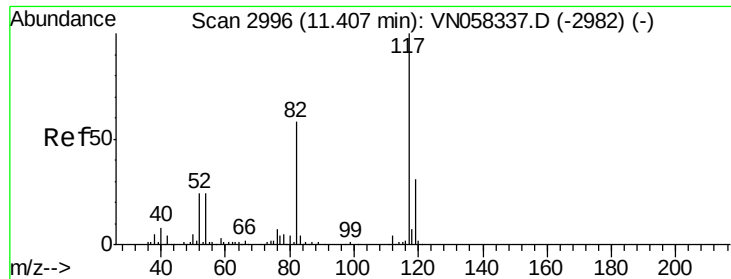
Tgt Ion: 63 Resp: 384103
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.4 38.2
 106 25.5 20.4 30.6



#56
 Bromoform
 Concen: 16.334 ug/l
 RT: 12.13 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 173 Resp: 59047
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.8 58.2
 254 8.9 7.8 11.8

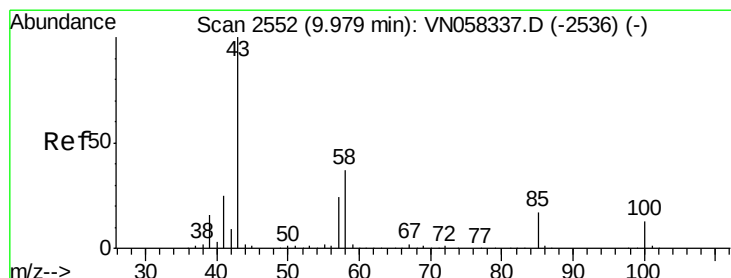
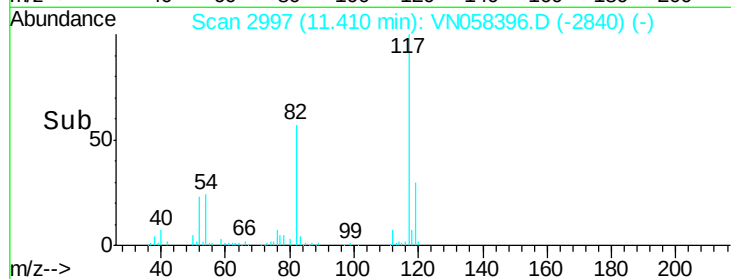
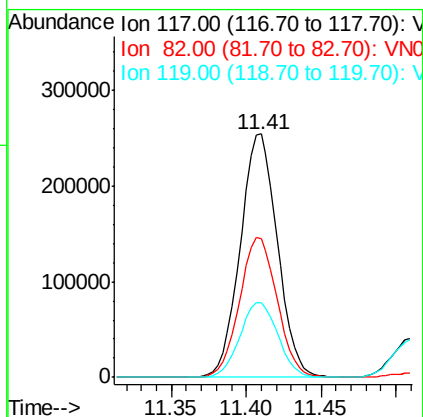
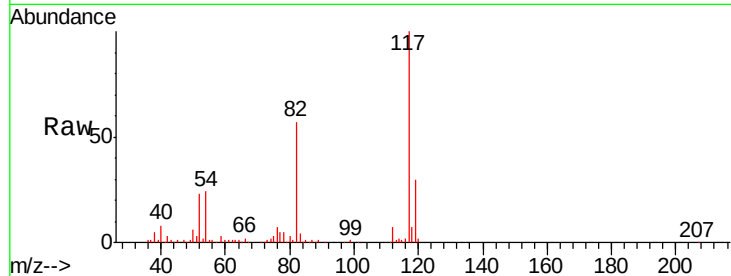




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

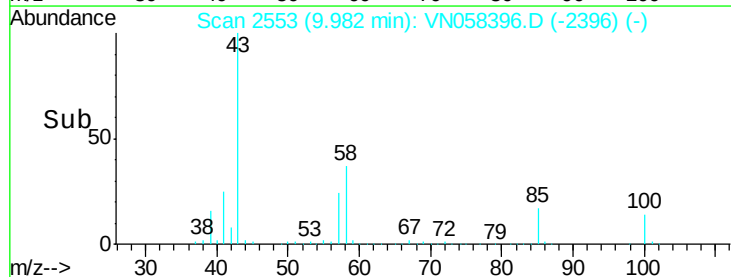
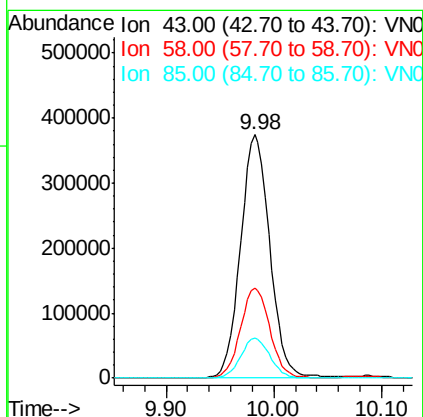
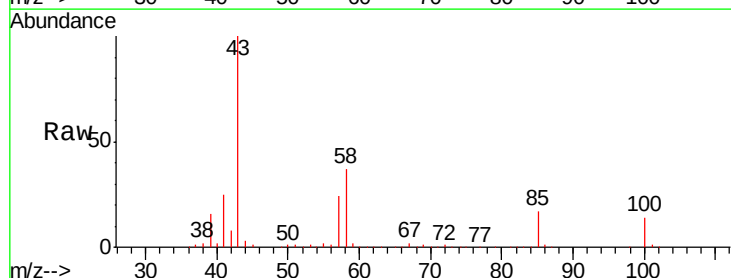
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

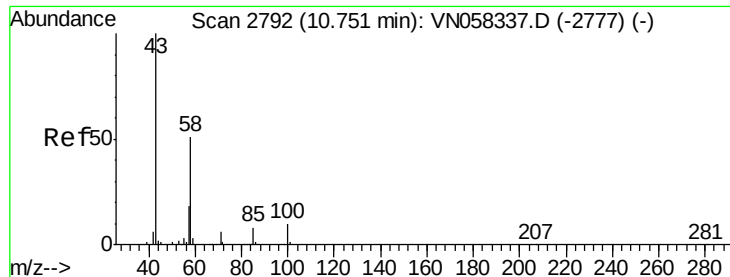
Tgt Ion: 117 Resp: 440756
Ion Ratio Lower Upper
117 100
82 58.1 46.4 69.6
119 31.3 25.1 37.7



#58
4-Methyl-2-Pentanone
Concen: 102.191 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 43 Resp: 705746
Ion Ratio Lower Upper
43 100
58 37.3 29.3 43.9
85 16.6 13.1 19.7

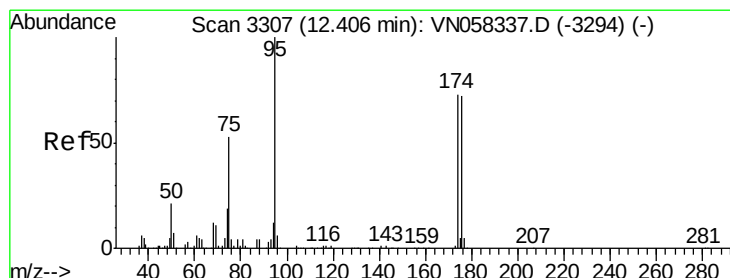
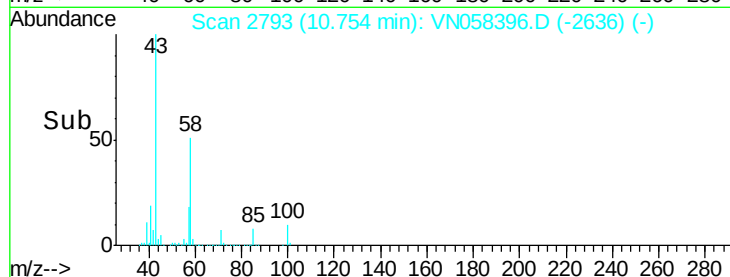
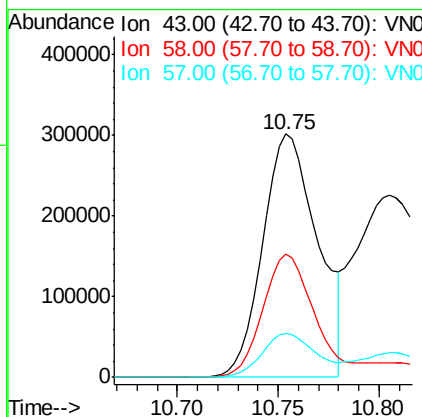
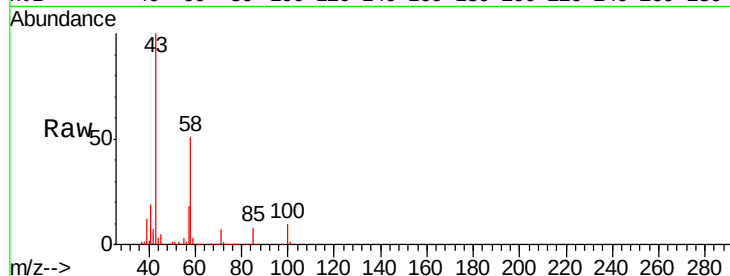




#59
2-Hexanone
Concen: 109.041 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

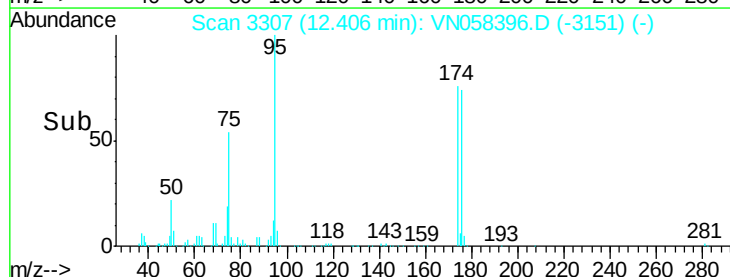
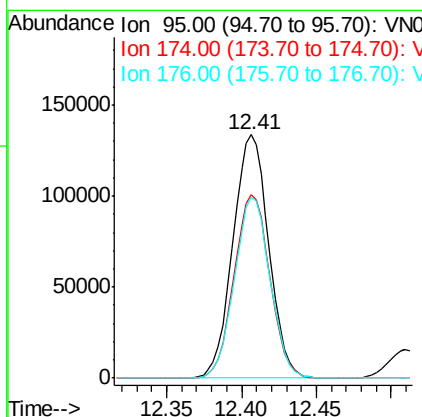
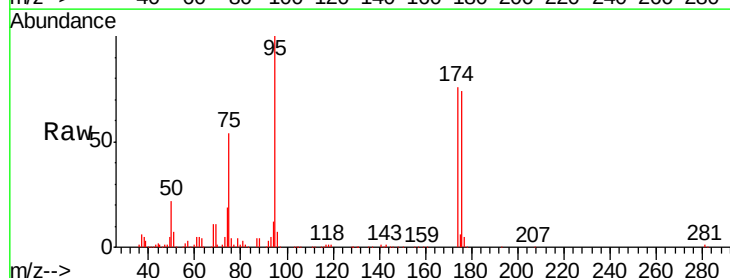
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

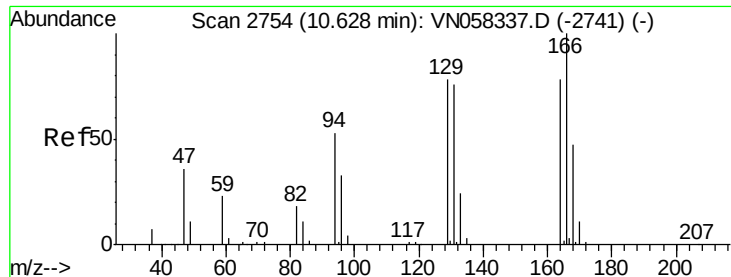
Tgt Ion:	43	Resp:	569296
Ion	Ratio	Lower	Upper
43	100		
58	48.2	40.7	61.1
57	17.8	14.7	22.1



#60
4-Bromofluorobenzene
Concen: 29.177 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion:	95	Resp:	222512
Ion	Ratio	Lower	Upper
95	100		
174	75.5	59.0	88.6
176	73.9	58.2	87.2

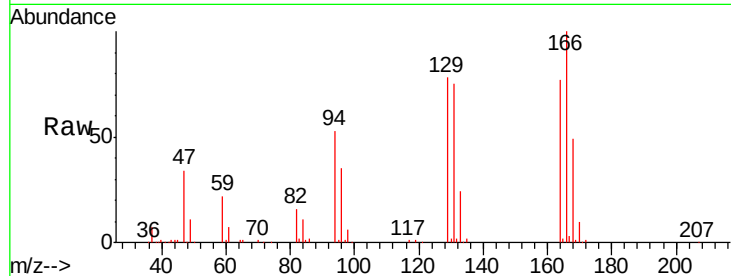




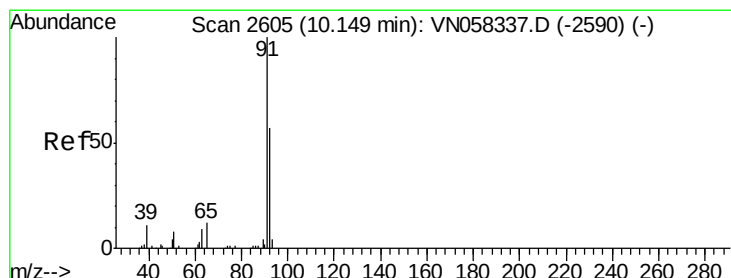
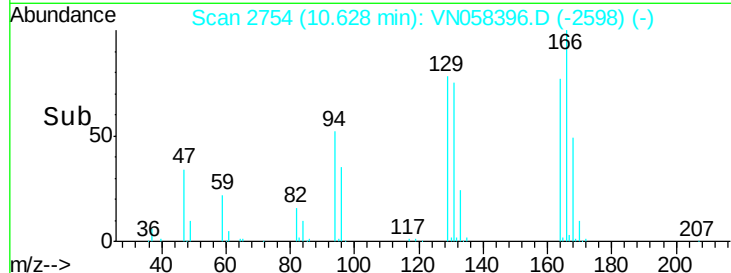
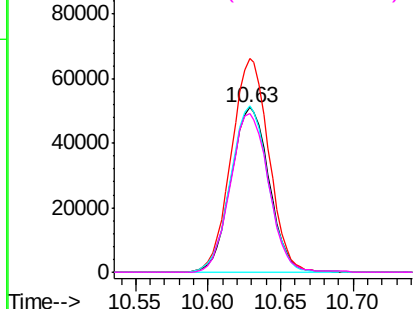
#61
Tetrachloroethene
Concen: 20.283 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 93660
Ion Ratio Lower Upper
164 100
166 129.8 102.6 154.0
129 100.9 79.8 119.6
131 96.8 78.1 117.1

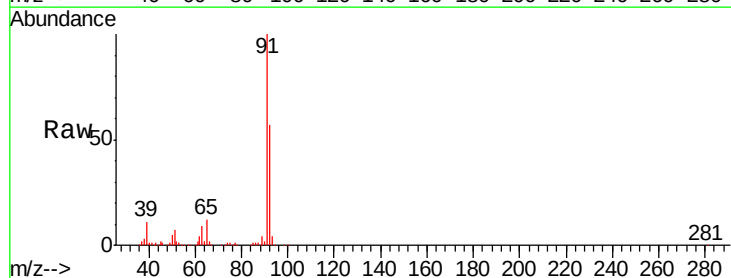


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

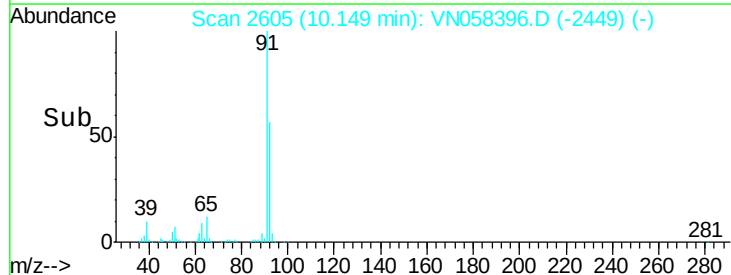
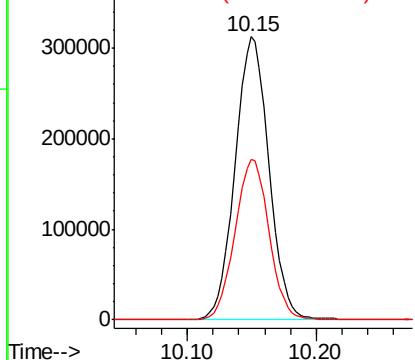


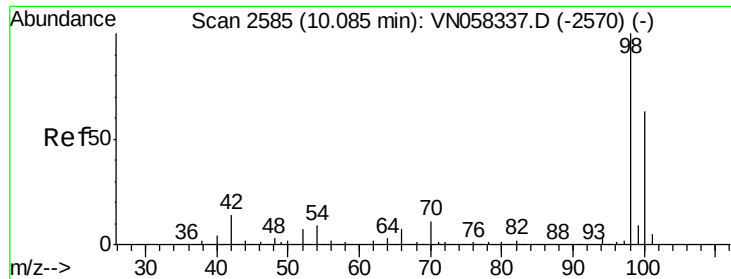
#62
Toluene
Concen: 23.628 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 91 Resp: 570364
Ion Ratio Lower Upper
91 100
92 57.1 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: 30.117 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

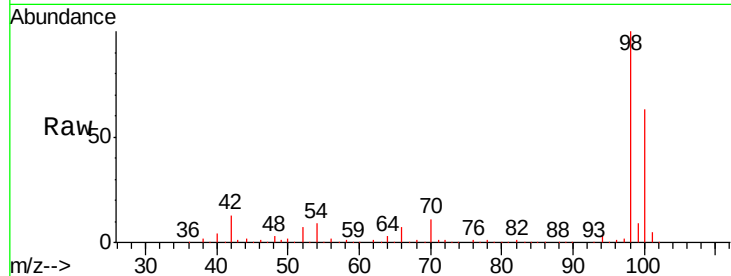
VSTDCCC020EC

Tgt Ion: 98 Resp: 633508

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN058337.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN058337.D (-2570) (-)

10.09

400000

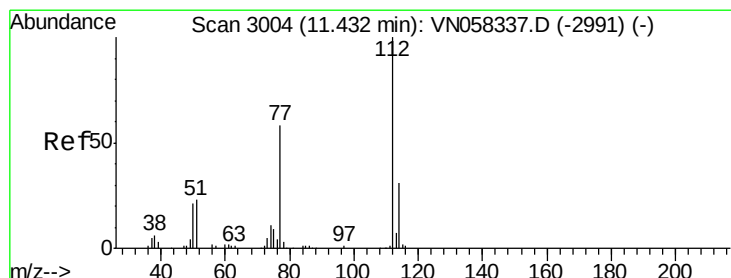
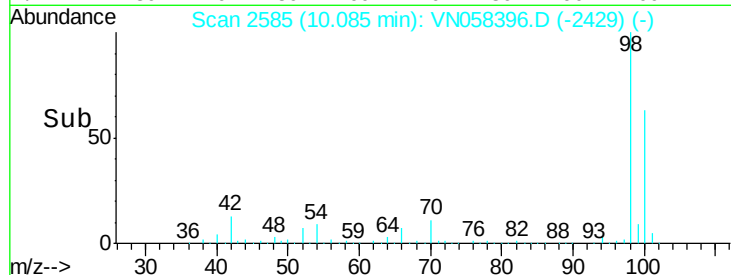
300000

200000

100000

0

Time-->



#64

Chlorobenzene

Concen: 20.012 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN058396.D

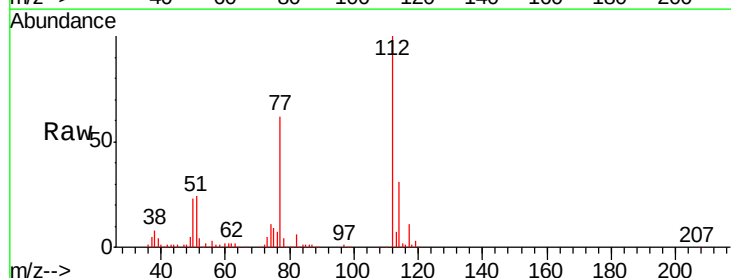
Acq: 26 Sep 2019 19:46

Tgt Ion: 112 Resp: 296852

Ion Ratio Lower Upper

112 100

114 30.6 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN058337.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN058337.D (-2991) (-)

11.44

200000

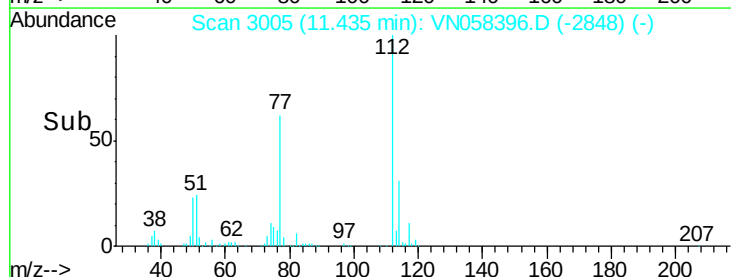
150000

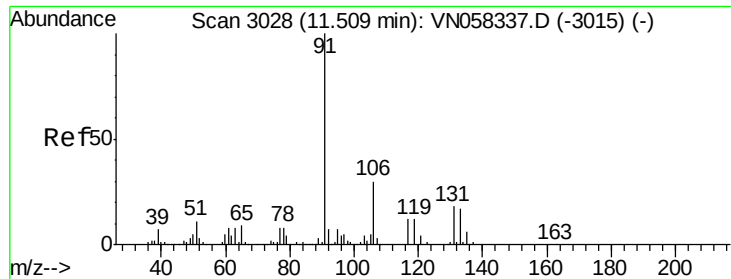
100000

50000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.692 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

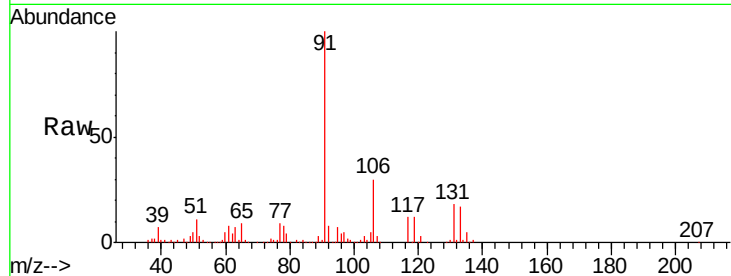
Tgt Ion: 131 Resp: 102405

Ion Ratio Lower Upper

131 100

133 95.7 0.0 191.8

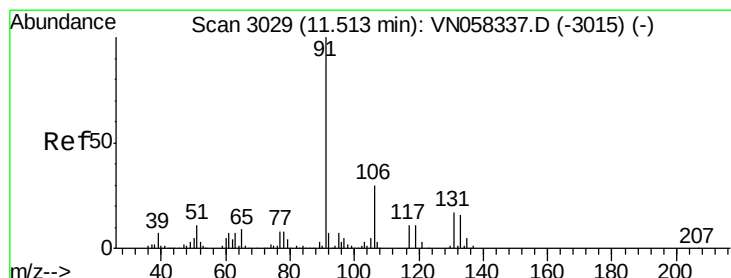
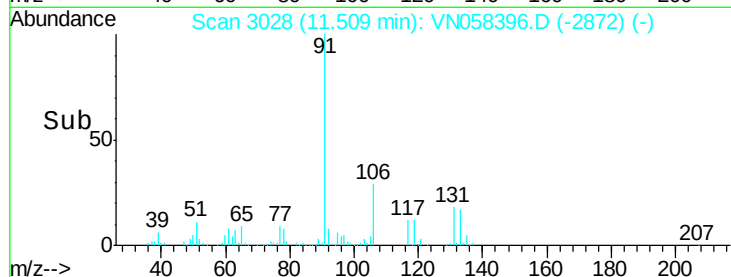
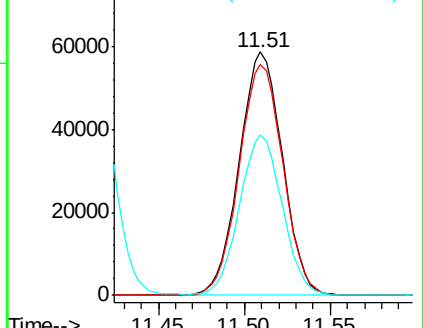
119 65.2 0.0 134.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.747 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058396.D

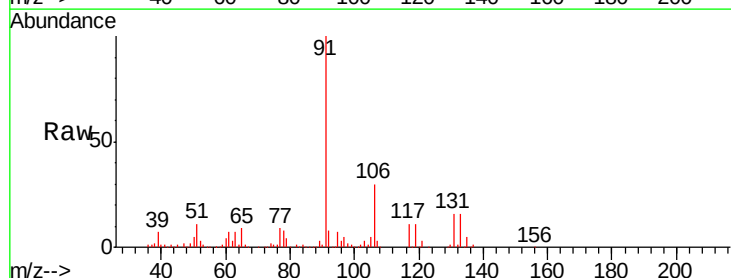
Acq: 26 Sep 2019 19:46

Tgt Ion: 91 Resp: 572424

Ion Ratio Lower Upper

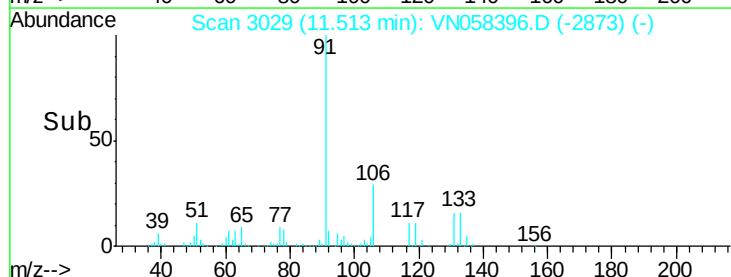
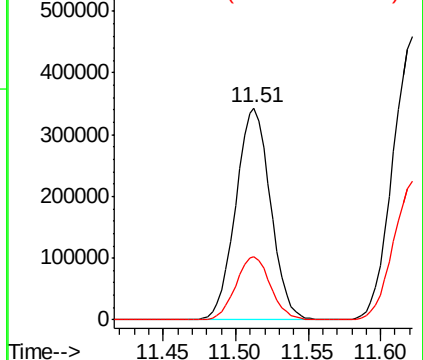
91 100

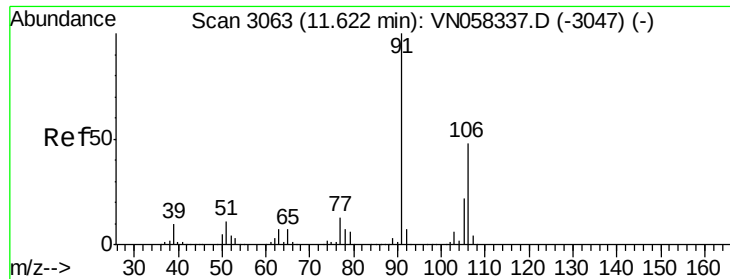
106 29.7 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

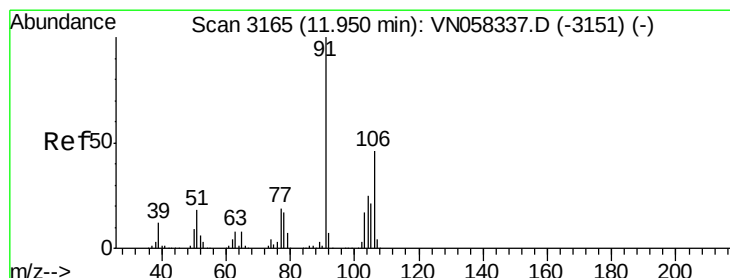
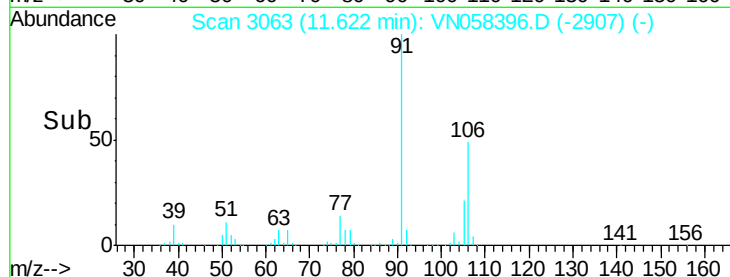
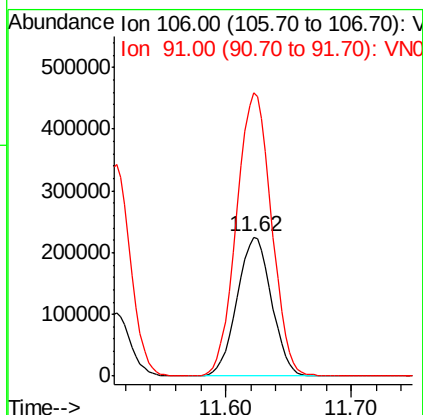
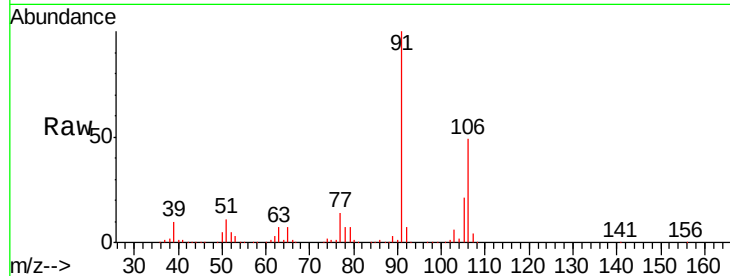




#67
m/p-Xylenes
Concen: 42.497 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

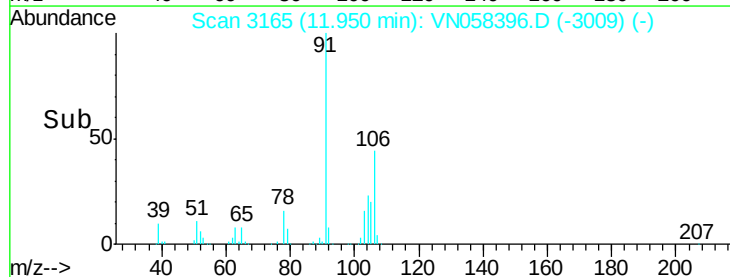
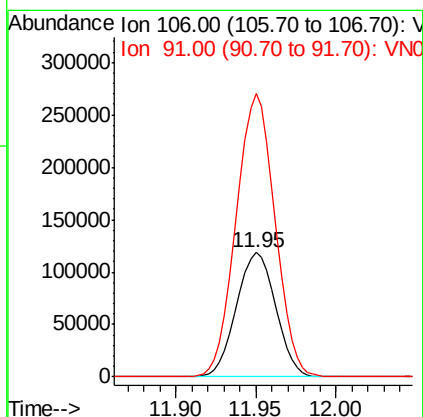
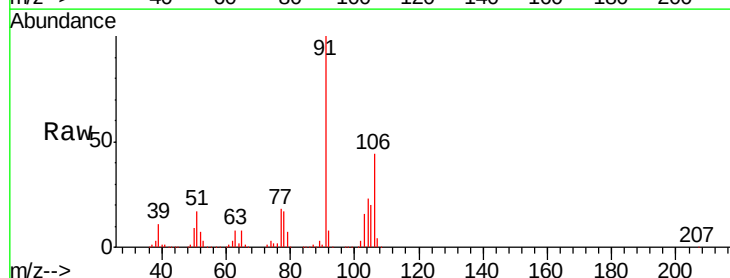
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

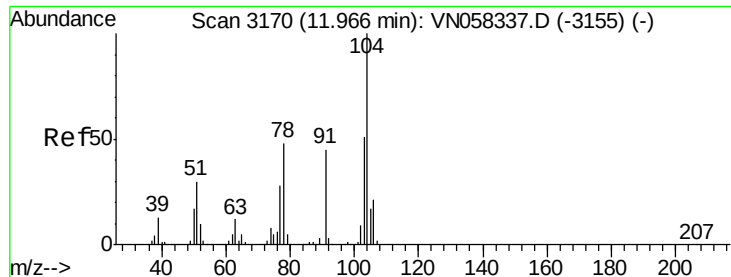
Tgt Ion:106 Resp: 429453
Ion Ratio Lower Upper
106 100
91 206.9 167.8 251.6



#68
o-Xylene
Concen: 20.296 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion:106 Resp: 199431
Ion Ratio Lower Upper
106 100
91 224.3 108.7 325.9

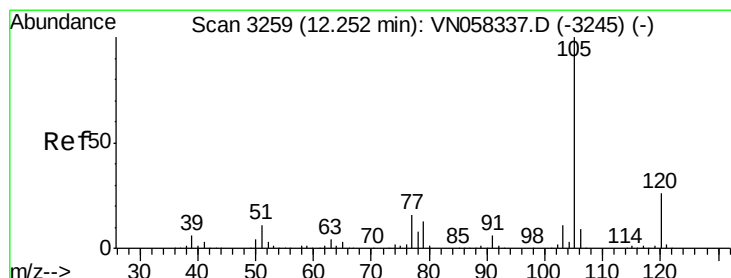
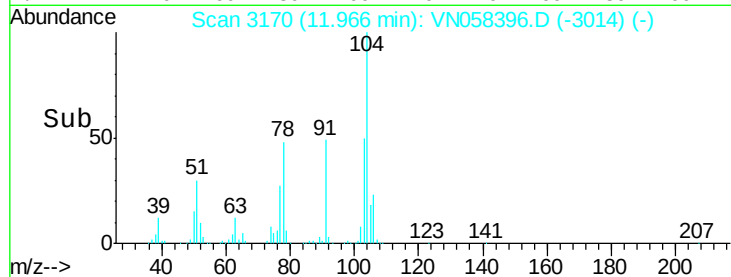
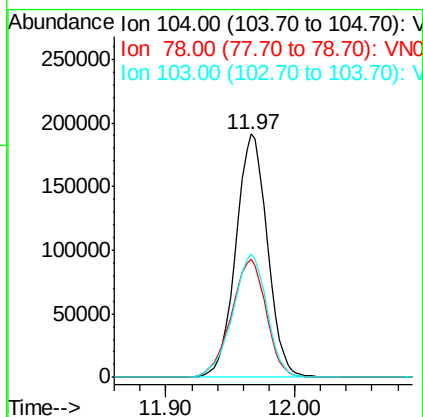
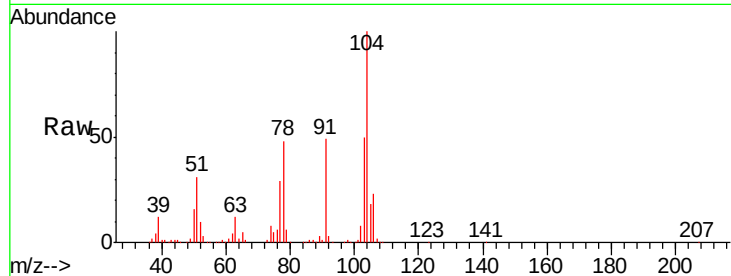




#69
 Styrene
 Concen: 19.781 ug/l
 RT: 11.97 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

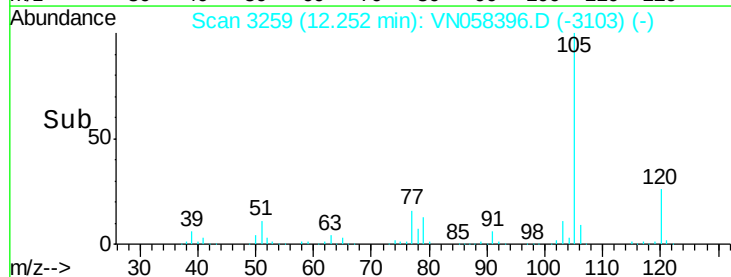
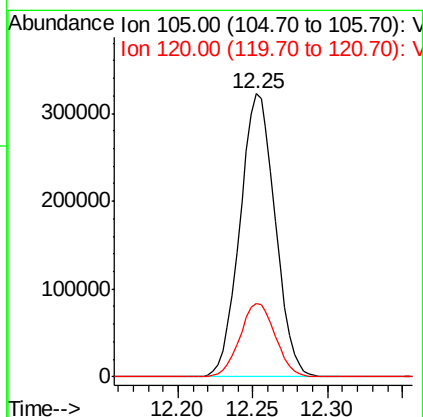
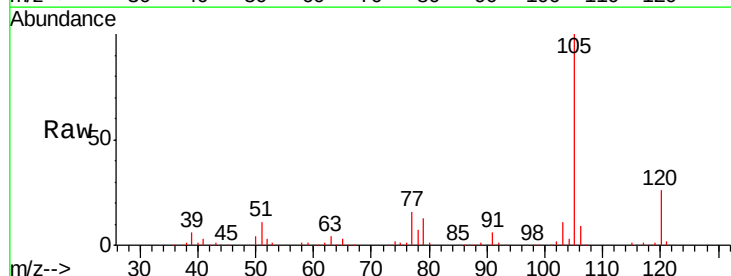
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

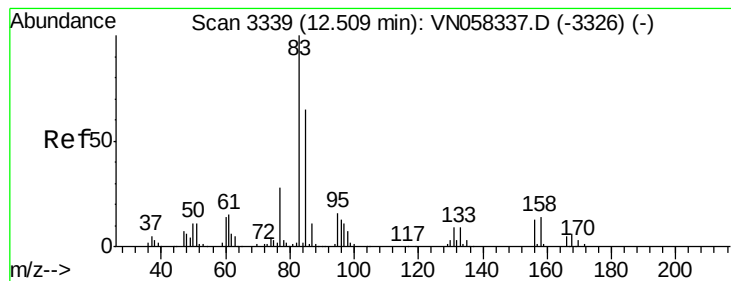
Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	42.3	63.5
103	54.9	44.1	66.1



#70
 Isopropylbenzene
 Concen: 20.745 ug/l
 RT: 12.25 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.2	33.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.406 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

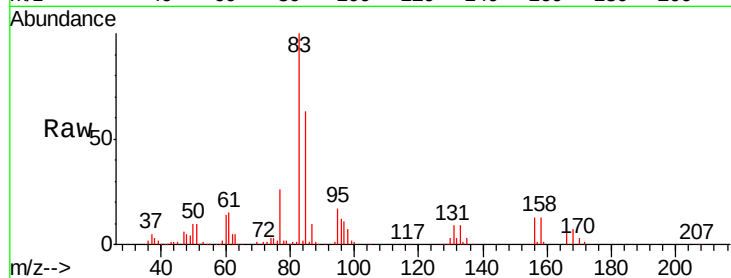
Tgt Ion: 83 Resp: 157060

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

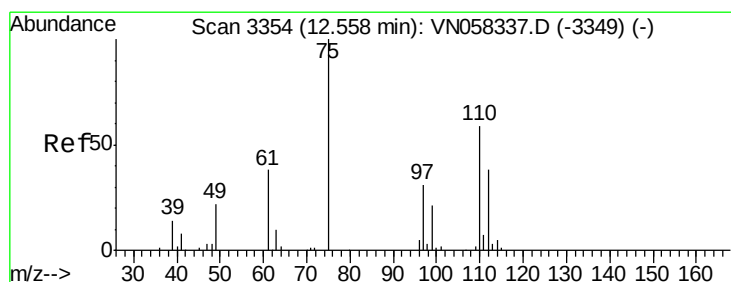
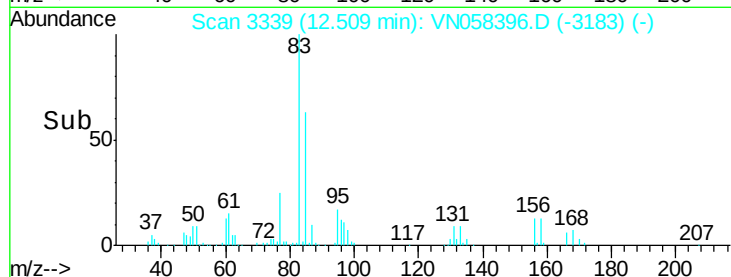
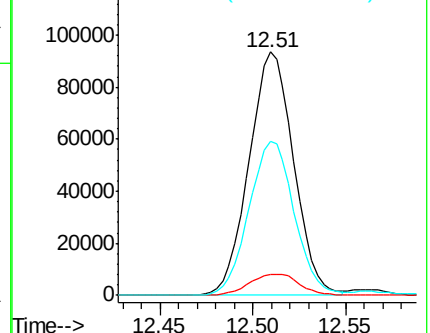
85 64.4 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 27.746 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN058396.D

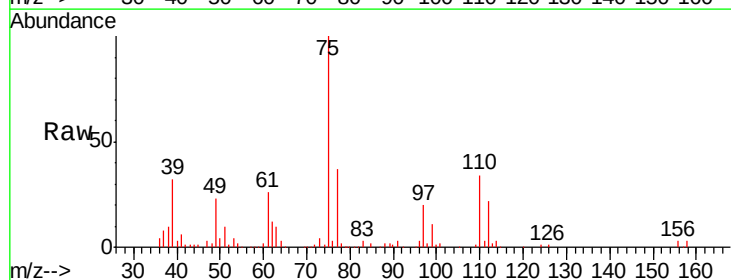
Acq: 26 Sep 2019 19:46

Tgt Ion: 75 Resp: 193120

Ion Ratio Lower Upper

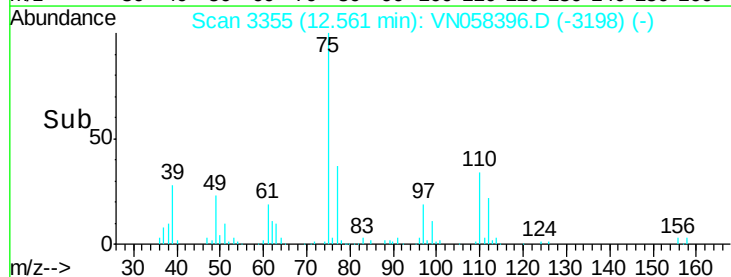
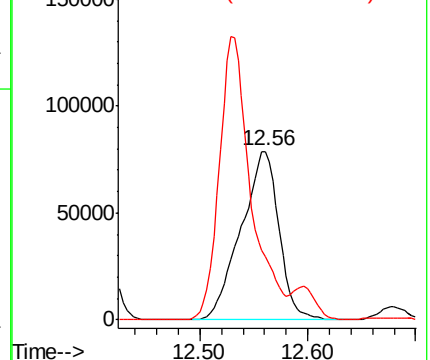
75 100

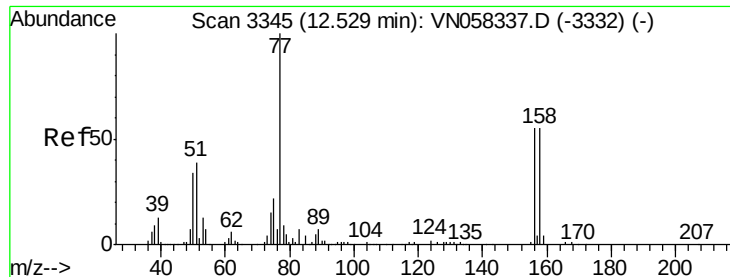
77 138.8 0.0 382.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.847 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

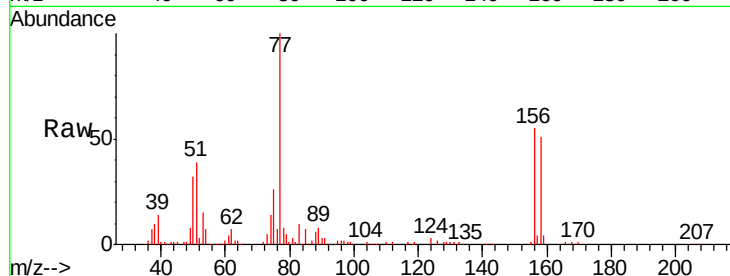
Tgt Ion:156 Resp: 122409

Ion Ratio Lower Upper

156 100

77 218.9 0.0 438.8

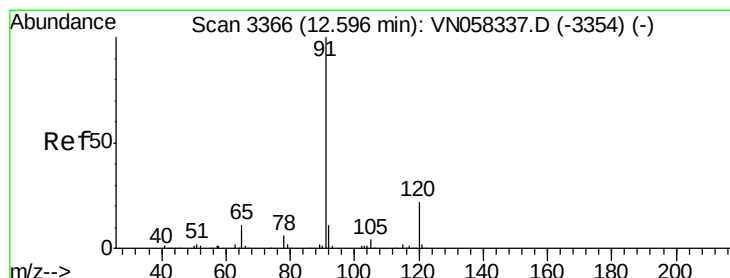
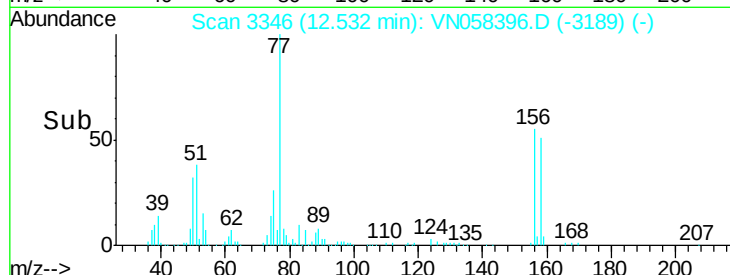
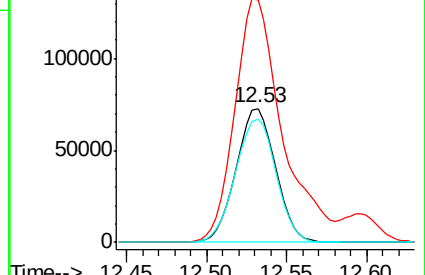
158 95.2 0.0 195.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.797 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058396.D

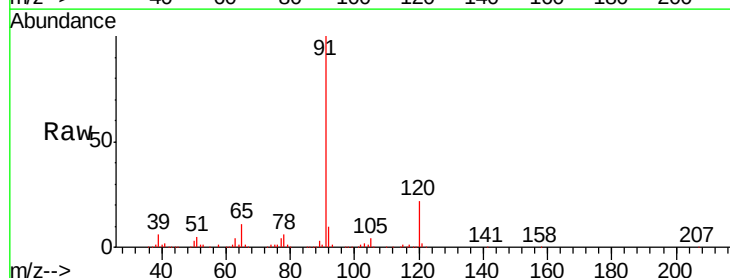
Acq: 26 Sep 2019 19:46

Tgt Ion: 91 Resp: 610508

Ion Ratio Lower Upper

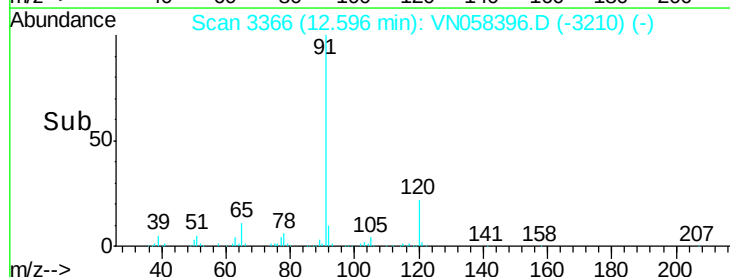
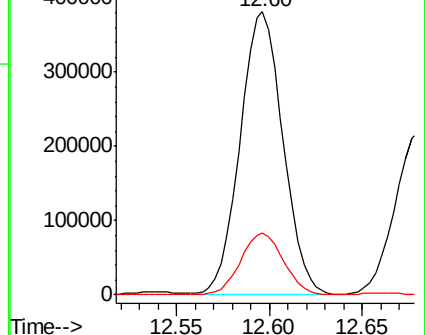
91 100

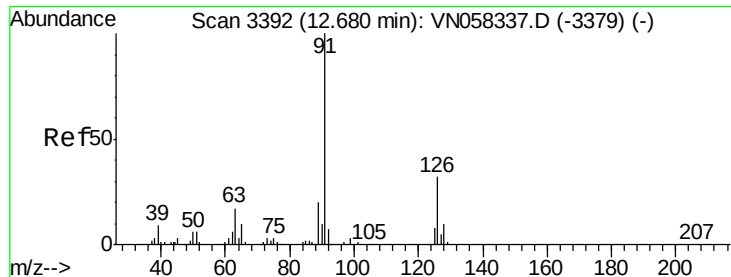
120 21.8 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.829 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

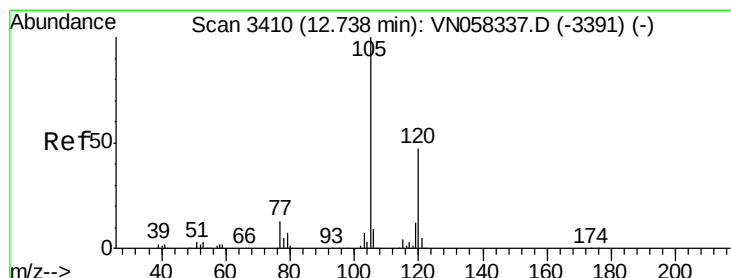
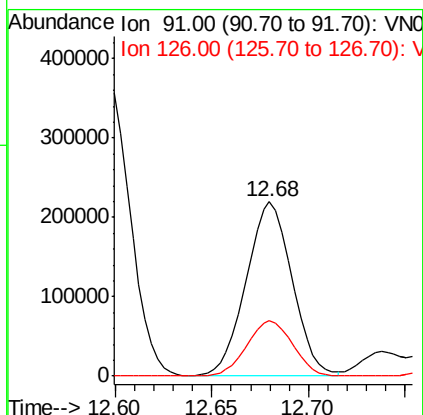
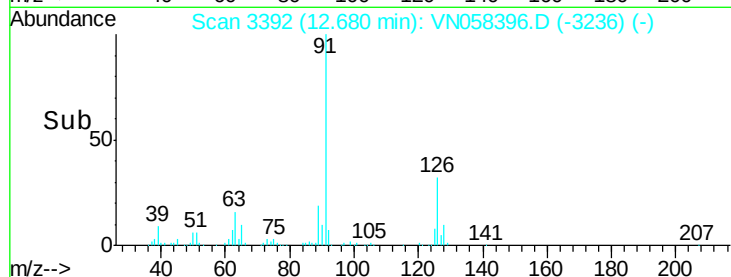
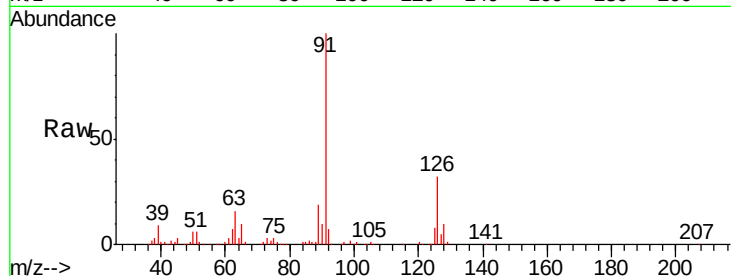
VSTDCCC020EC

Tgt Ion: 91 Resp: 364116

Ion Ratio Lower Upper

91 100

126 31.8 0.0 65.0



#76

1,3,5-Trimethylbenzene

Concen: 20.216 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058396.D

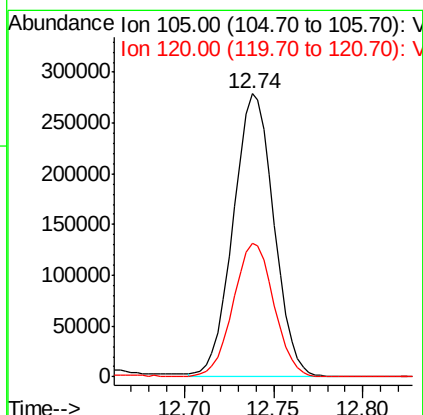
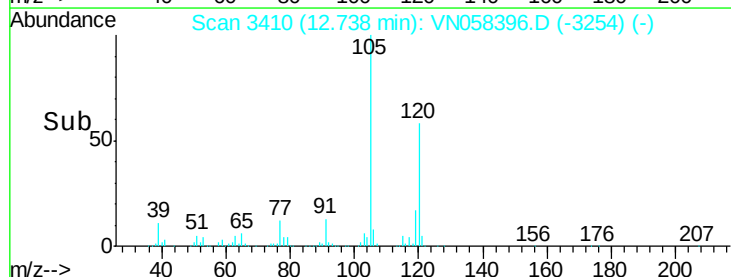
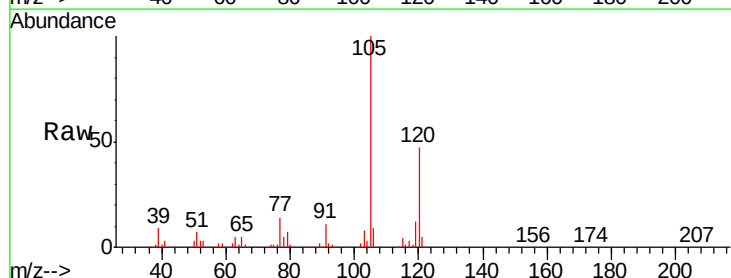
Acq: 26 Sep 2019 19:46

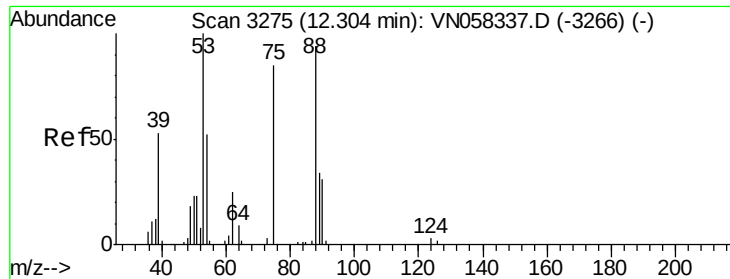
Tgt Ion: 105 Resp: 443263

Ion Ratio Lower Upper

105 100

120 47.4 0.0 94.4

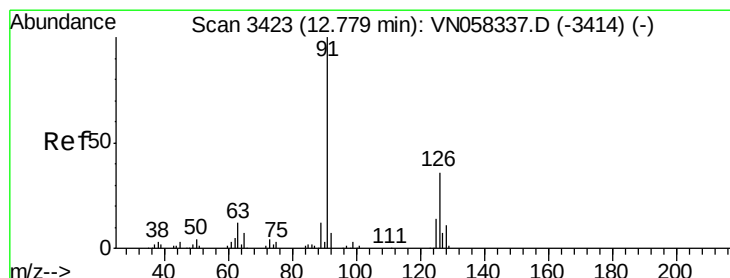
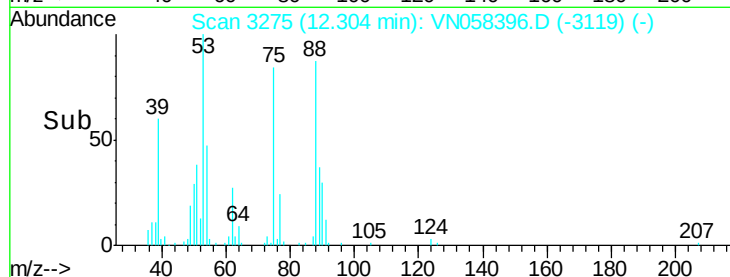
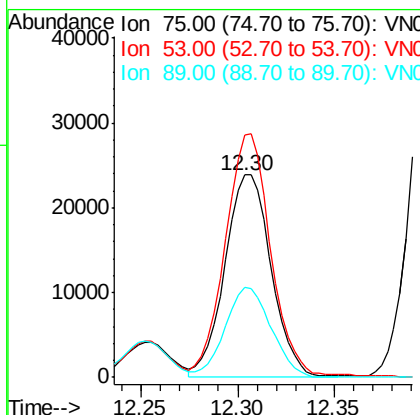
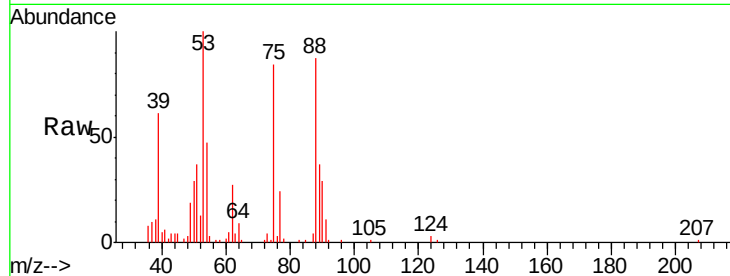




#77
t-1,4-Dichloro-2-butene
Concen: 17.536 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

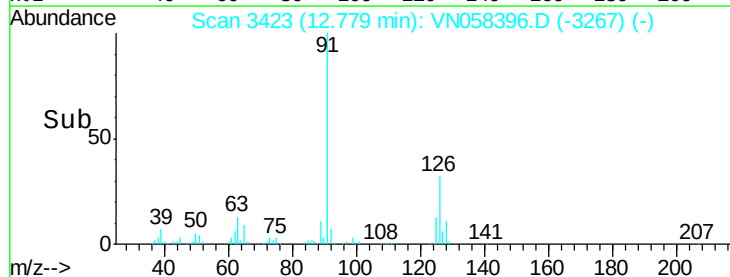
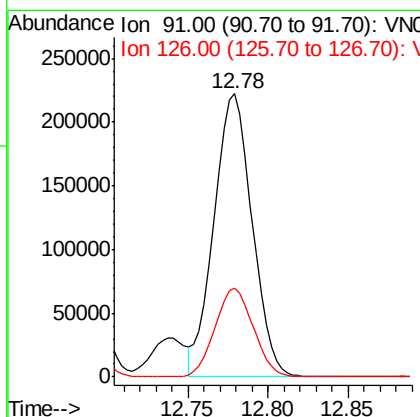
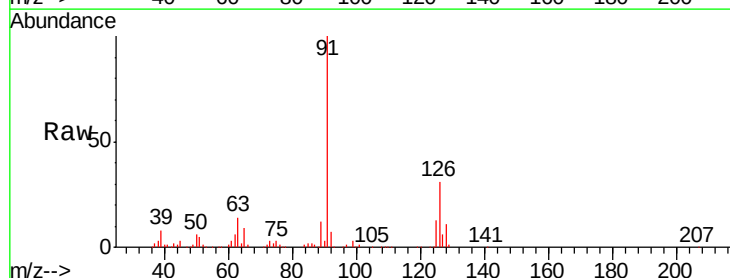
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

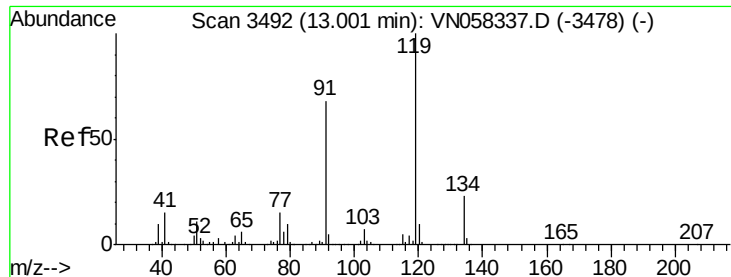
Tgt Ion: 75 Resp: 39813
Ion Ratio Lower Upper
75 100
53 118.9 59.0 176.8
89 44.7 21.6 65.0



#78
4-Chlorotoluene
Concen: 19.376 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion: 91 Resp: 364665
Ion Ratio Lower Upper
91 100
126 31.1 0.0 63.8

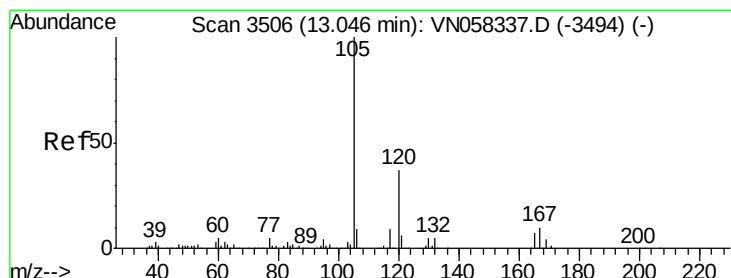
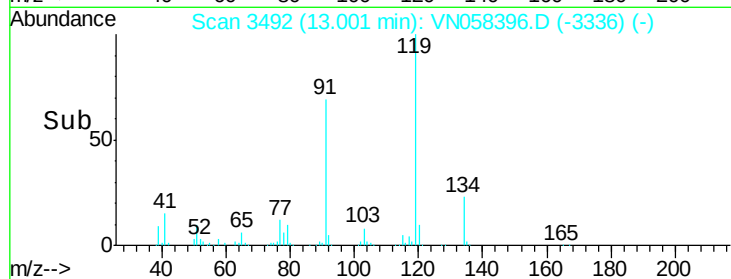
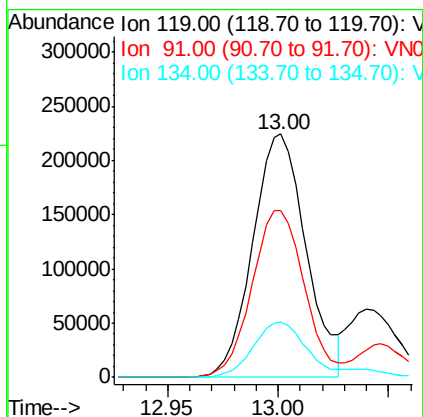
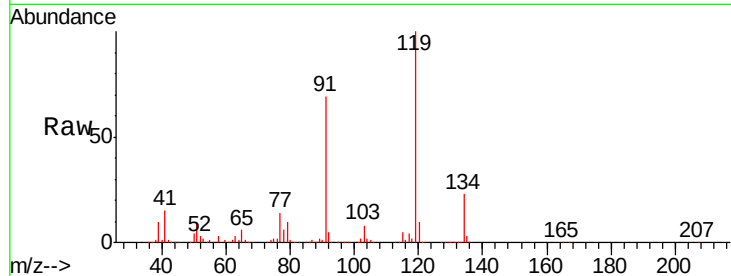




#79
tert-butylbenzene
Concen: 19.791 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

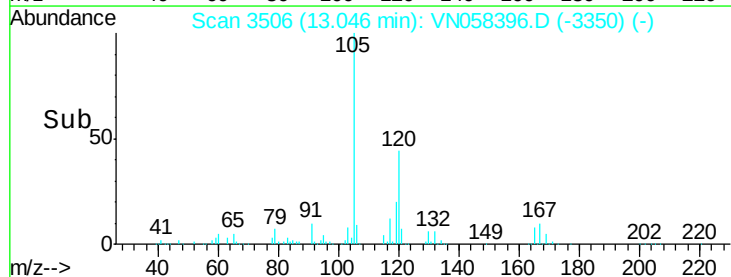
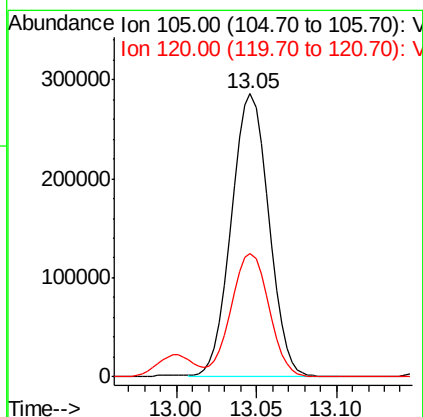
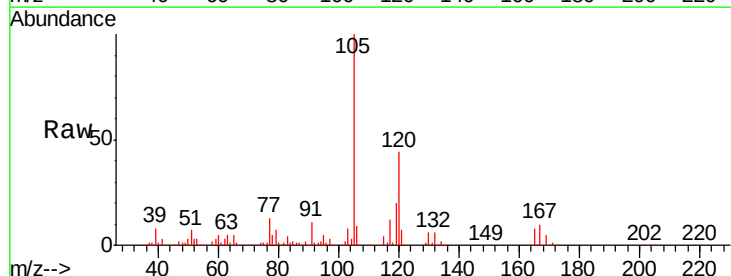
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

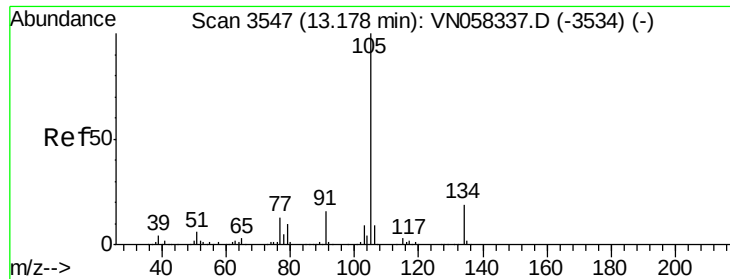
Tgt Ion:119 Resp: 375713
Ion Ratio Lower Upper
119 100
91 67.0 0.0 138.2
134 22.5 0.0 46.8



#80
1,2,4-Trimethylbenzene
Concen: 20.751 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion:105 Resp: 454161
Ion Ratio Lower Upper
105 100
120 44.4 0.0 86.6

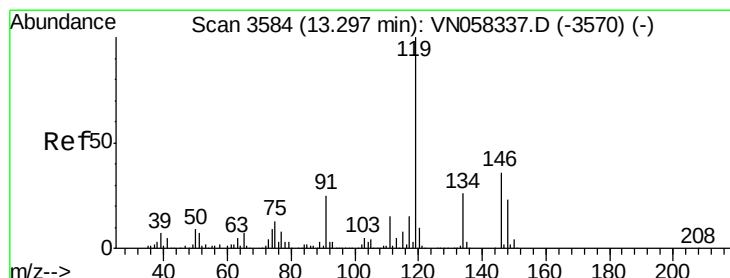
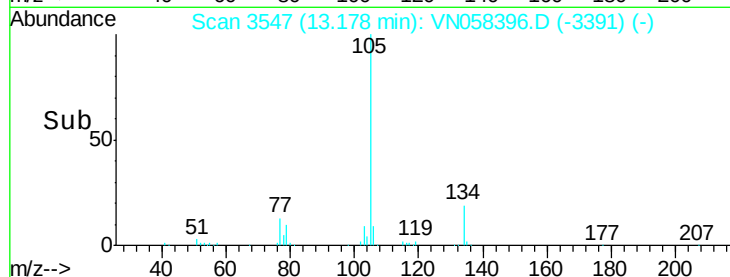
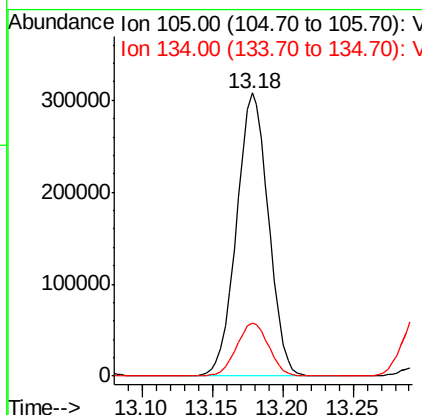
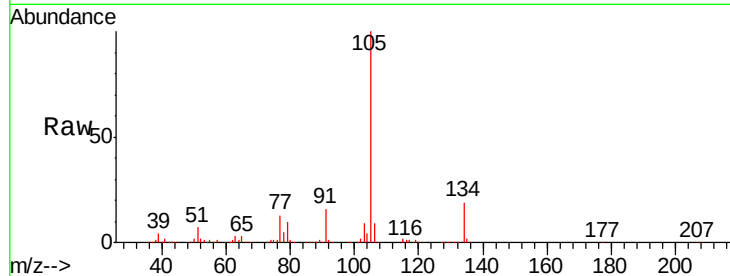




#81
 sec-Butylbenzene
 Concen: 19.552 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

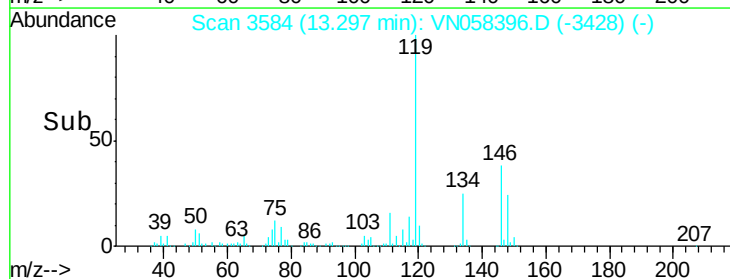
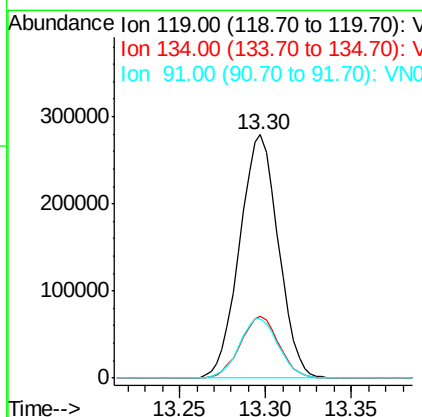
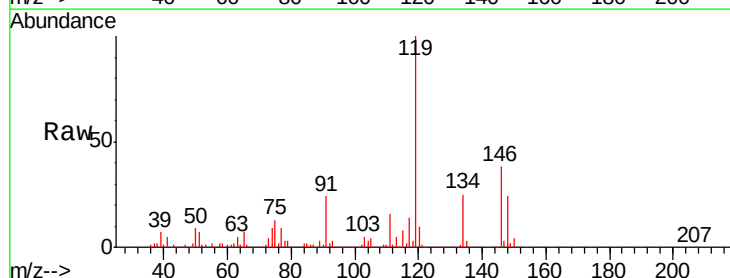
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

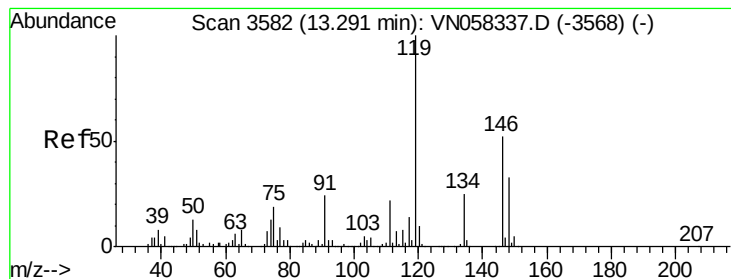
Tgt Ion:105 Resp: 486831
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 19.404 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion:119 Resp: 435096
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.6
 91 24.6 0.0 49.6





#83

1,3-Dichlorobenzene

Concen: 19.213 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

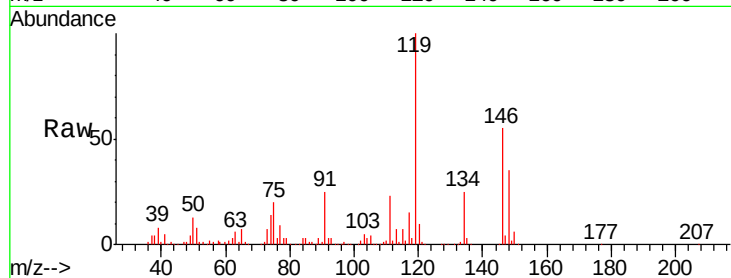
Tgt Ion:146 Resp: 218637

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

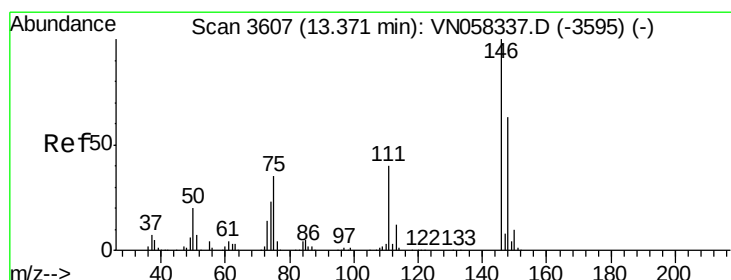
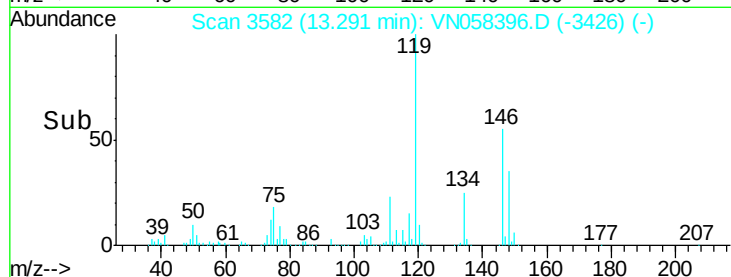
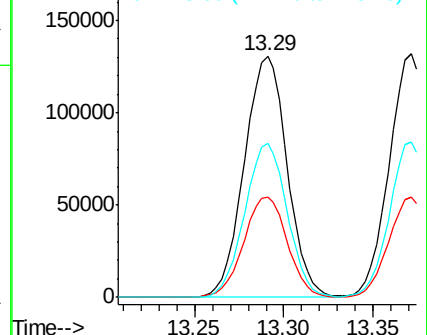
148 63.4 32.0 96.2



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: 18.955 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

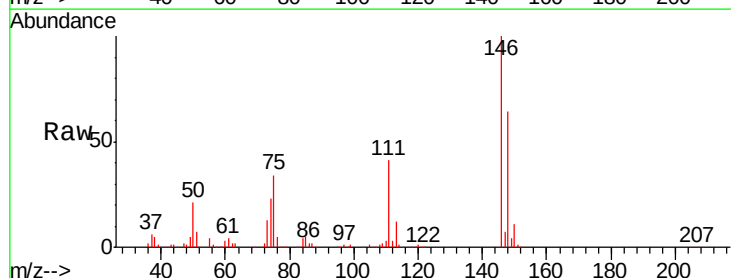
Tgt Ion:146 Resp: 214677

Ion Ratio Lower Upper

146 100

111 41.6 20.4 61.3

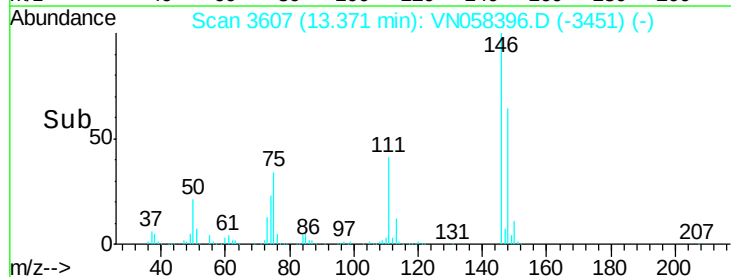
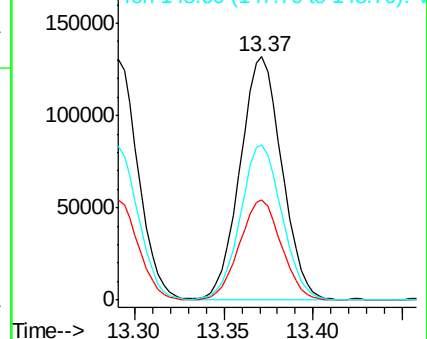
148 64.0 31.9 95.7

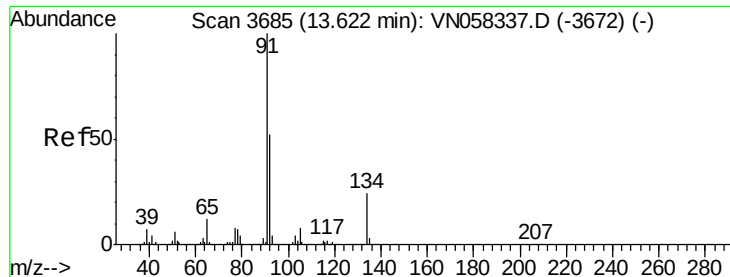


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.068 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058396.D

Acq: 26 Sep 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

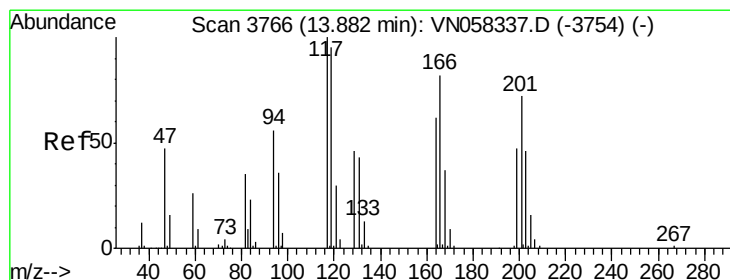
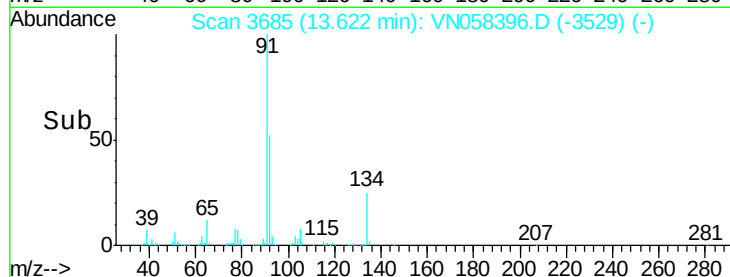
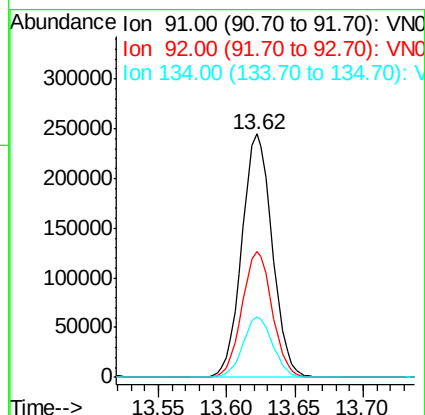
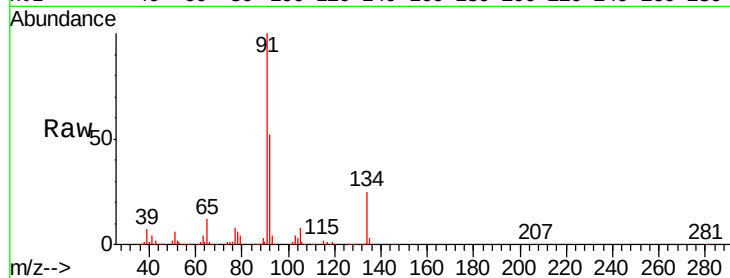
Tgt Ion: 91 Resp: 376411

Ion Ratio Lower Upper

91 100

92 51.5 0.0 102.6

134 24.6 0.0 47.8



#86

Hexachloroethane

Concen: 16.411 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058396.D

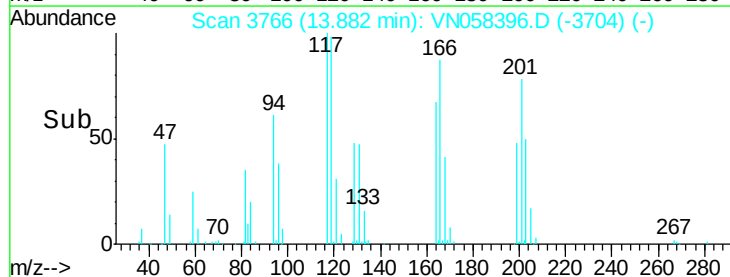
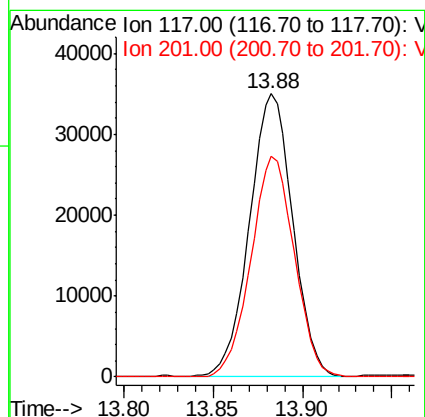
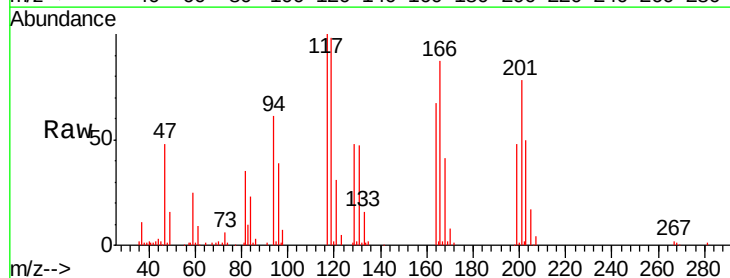
Acq: 26 Sep 2019 19:46

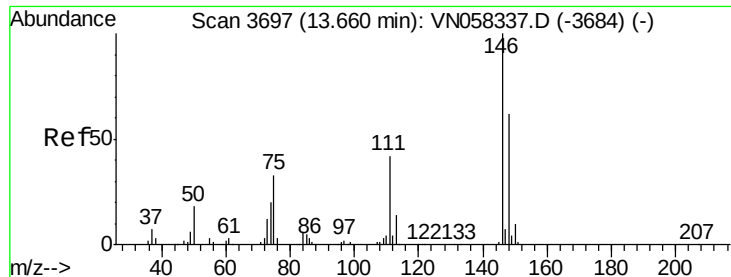
Tgt Ion: 117 Resp: 59435

Ion Ratio Lower Upper

117 100

201 77.9 37.2 111.6

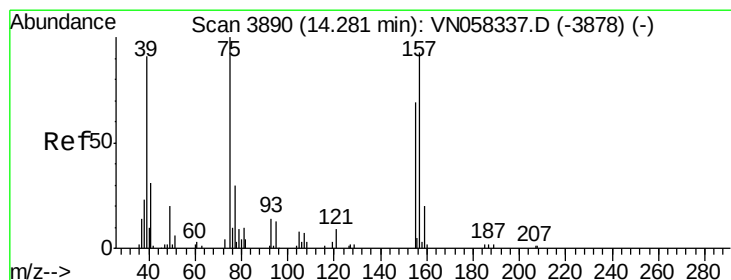
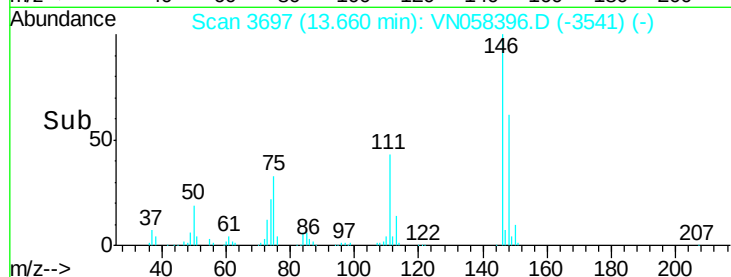
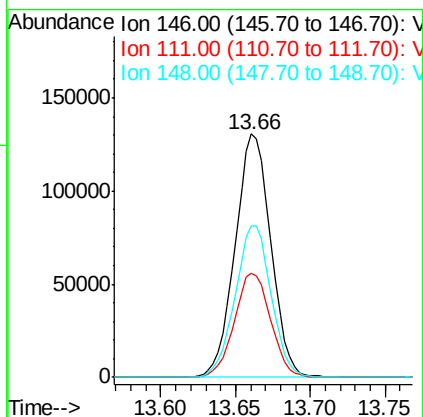
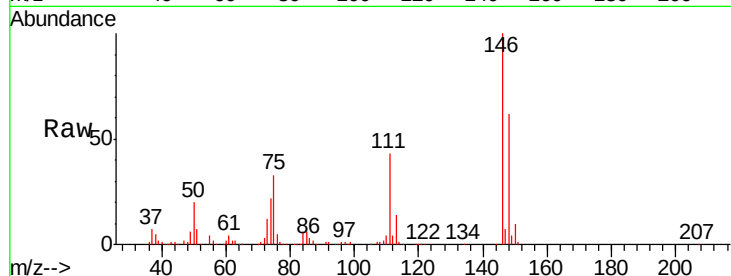




#87
 1,2-Dichlorobenzene
 Concen: 19.520 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

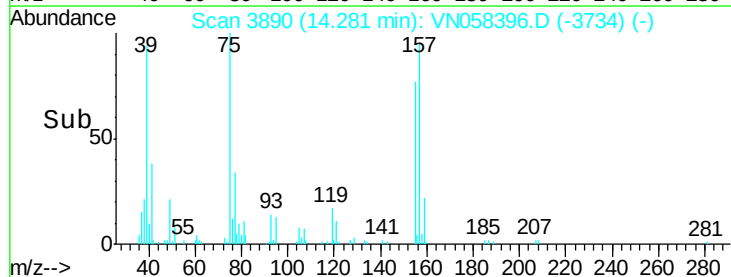
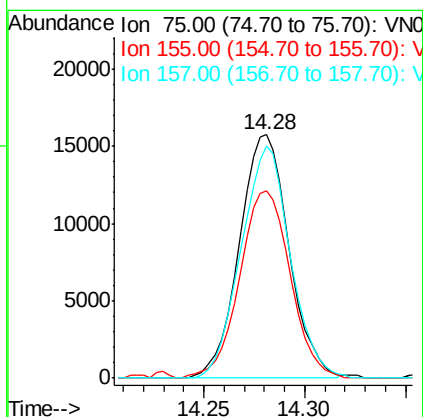
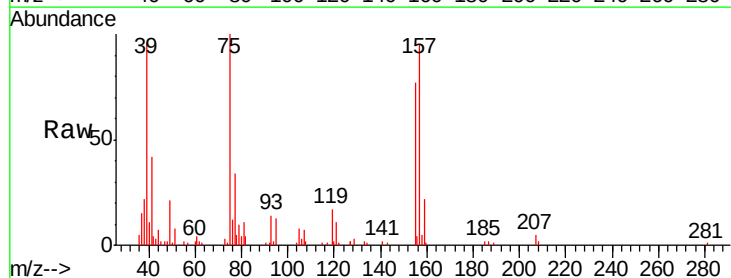
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020EC

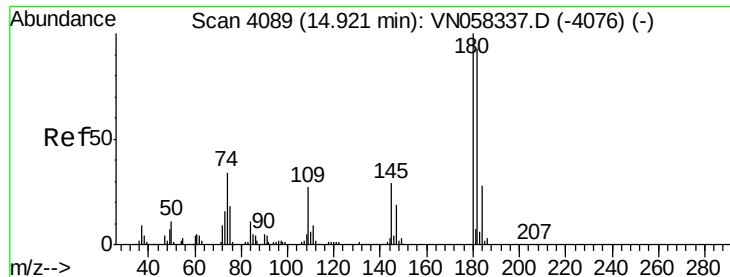
Tgt Ion:146 Resp: 216903
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.1 63.3
 148 62.8 31.9 95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.124 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion: 75 Resp: 27049
 Ion Ratio Lower Upper
 75 100
 155 78.6 58.5 87.7
 157 94.8 75.4 113.2

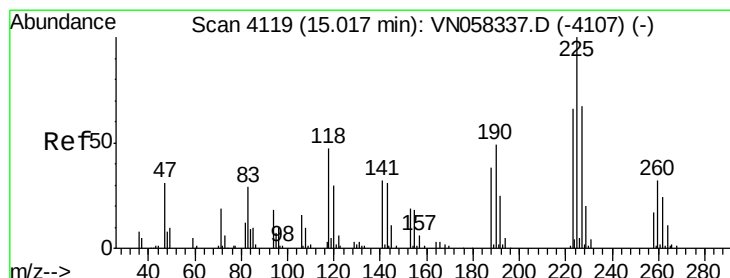
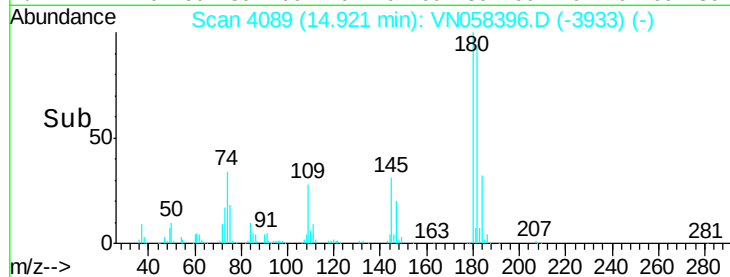
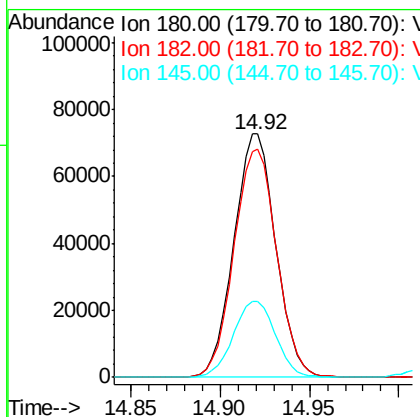
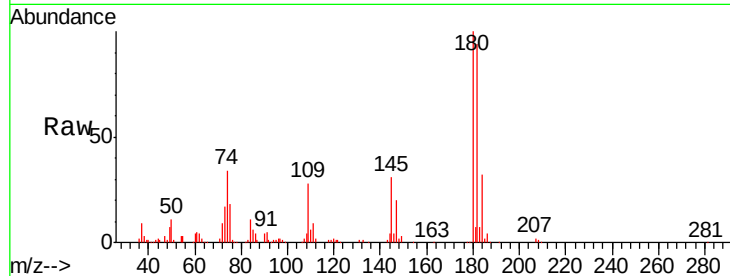




#89
 1,2,4-Trichlorobenzene
 Concen: 16.414 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

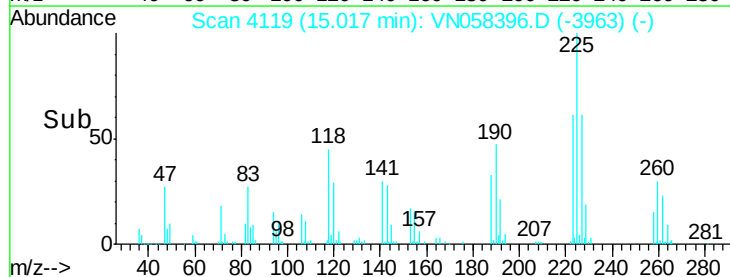
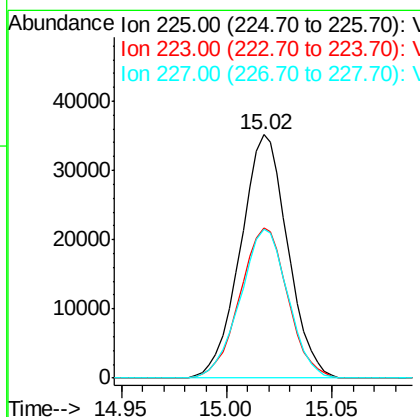
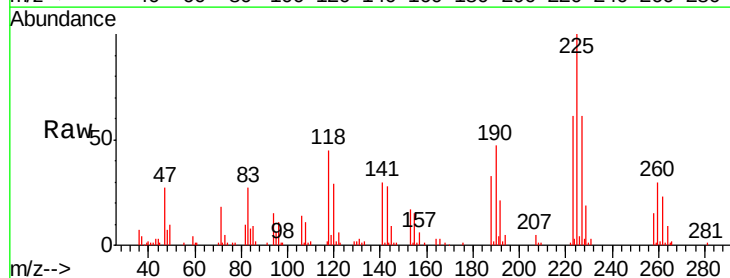
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

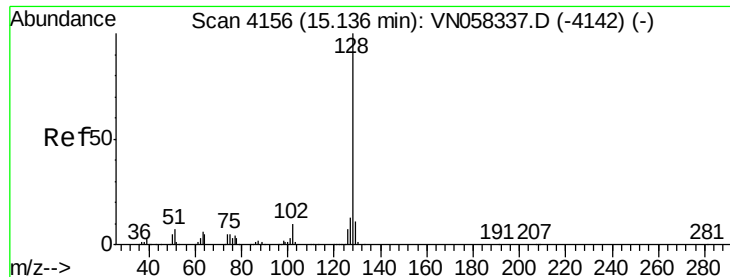
Tgt Ion:180 Resp: 119152
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.2 112.8
 145 31.6 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 15.549 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058396.D
 Acq: 26 Sep 2019 19:46

Tgt Ion:225 Resp: 54616
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 132.6
 227 61.8 0.0 129.2

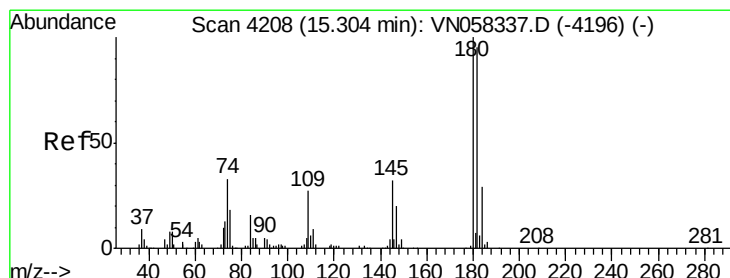
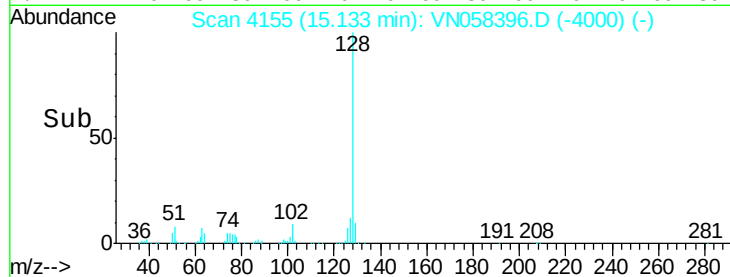
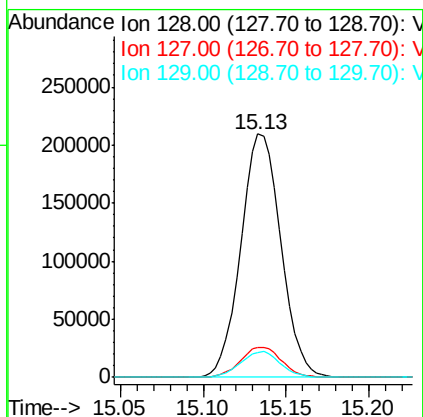
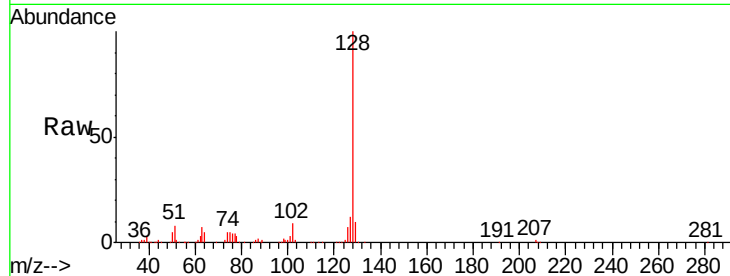




#91
Naphthalene
Concen: 17.692 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 352695
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 15.948 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058396.D
Acq: 26 Sep 2019 19:46

Tgt Ion:180 Resp: 111194
Ion Ratio Lower Upper
180 100
182 95.7 0.0 189.4
145 32.1 0.0 64.0

