

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058385.D
 Acq On : 26 Sep 2019 14:58
 Operator : JC/SP
 Sample : VN0926WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Quant Time: Sep 27 02:35:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	443608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	761436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	648987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307249	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.57	113	215991	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	10.08	98	829185	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
62) 4-Bromofluorobenzene	12.41	95	283137	42.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58562	16.070	ug/l	98
3) Chloromethane	2.04	50	51951	17.830	ug/l	98
4) Vinyl Chloride	2.17	62	54440	17.128	ug/l	99
5) Bromomethane	2.50	94	19055	12.272	ug/l	89
6) Chloroethane	2.61	64	14458	5.800	ug/l	94
7) Trichlorofluoromethane	2.93	101	87435	17.578	ug/l	100
8) Diethyl Ether	3.38	74	46174	20.260	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.70	101	69127	19.276	ug/l	100
10) Methyl Iodide	3.91	142	41617	13.849	ug/l	98
11) Tert butyl alcohol	4.72	59	18517	25.195	ug/l #	71
12) 1,1-Dichloroethene	3.69	96	52254	18.979	ug/l	96
13) Acrolein	3.58	56	6724	61.734	ug/l	97
14) Allyl chloride	4.28	41	98678	16.815	ug/l	97
15) Acrylonitrile	4.97	53	204805	104.592	ug/l	99
16) Acetone	3.81	43	178551	85.135	ug/l	94
17) Carbon Disulfide	4.00	76	51777	13.713	ug/l	97
18) Methyl Acetate	4.30	43	127977	23.190	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	291502	21.551	ug/l	98
20) Methylene Chloride	4.52	84	78105	21.143	ug/l	96
21) trans-1,2-Dichloroethene	5.00	96	57178	19.030	ug/l	96
22) Diisopropyl ether	5.93	45	317912	21.327	ug/l	99
23) Vinyl Acetate	5.87	43	1088006	106.667	ug/l	100
24) 1,1-Dichloroethane	5.81	63	156871	19.717	ug/l	100
25) 2-Butanone	6.83	43	265264	92.838	ug/l	99
26) 2,2-Dichloropropane	6.80	77	117667	17.433	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	86204	19.163	ug/l	98
28) Bromochloromethane	7.17	49	73156	19.437	ug/l	97
29) Tetrahydrofuran	7.20	42	177706	100.969	ug/l	98
30) Chloroform	7.35	83	168633	19.691	ug/l	99
31) Cyclohexane	7.63	56	103349	18.579	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	123293	18.911	ug/l	98
36) 1,1-Dichloropropene	7.77	75	96310	17.539	ug/l	99
37) Ethyl Acetate	6.91	43	120034	21.064	ug/l	99
38) Carbon Tetrachloride	7.75	117	95255	17.257	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058385.D
 Acq On : 26 Sep 2019 14:58
 Operator : JC/SP
 Sample : VN0926WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Quant Time: Sep 27 02:35:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	96547	18.230	ug/l	98
40) Benzene	8.02	78	313449	18.689	ug/l	100
41) Methacrylonitrile	7.16	41	53229	19.115	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	134472	19.108	ug/l	99
43) Isopropyl Acetate	8.16	43	274450	25.788	ug/l #	82
44) Trichloroethene	8.82	130	75813	18.472	ug/l	98
45) 1,2-Dichloropropane	9.11	63	100493	20.064	ug/l	96
46) Dibromomethane	9.20	93	57956	19.032	ug/l	97
47) Bromodichloromethane	9.39	83	115589	18.119	ug/l	96
48) Methyl methacrylate	9.19	41	94424	19.541	ug/l	99
49) 1,4-Dioxane	9.21	88	14208	179.087	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	598823	105.932	ug/l	99
52) Toluene	10.15	92	191813	18.249	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	121468	18.588	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	133887	18.557	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	93523	20.050	ug/l	98
56) Ethyl methacrylate	10.43	69	128162	19.043	ug/l	99
57) 1,3-Dichloropropane	10.71	76	156995	19.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	357632	111.560	ug/l	99
59) 2-Hexanone	10.76	43	417910	99.541	ug/l	100
60) Dibromochloromethane	10.90	129	80452	17.928	ug/l	99
61) 1,2-Dibromoethane	11.00	107	83339	19.279	ug/l	98
64) Tetrachloroethene	10.63	164	61238	19.357	ug/l	97
65) Chlorobenzene	11.44	112	220315	19.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	81410	19.668	ug/l	99
67) Ethyl Benzene	11.51	91	396162	20.254	ug/l	100
68) m/p-Xylenes	11.62	106	278030	37.741	ug/l	96
69) o-Xylene	11.95	106	139766	19.295	ug/l	98
70) Styrene	11.97	104	243236	19.489	ug/l	99
71) Bromoform	12.13	173	46922	17.786	ug/l #	96
73) Isopropylbenzene	12.26	105	397724	21.799	ug/l	99
74) N-amyl acetate	12.08	43	172347	22.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	133701	21.883	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	156478	29.996	ug/l #	100
77) Bromobenzene	12.53	156	94283	20.544	ug/l	100
78) n-propylbenzene	12.60	91	455713	21.980	ug/l	98
79) 2-Chlorotoluene	12.68	91	271640	20.964	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	335947	21.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	28381	20.100	ug/l	90
82) 4-Chlorotoluene	12.78	91	279806	20.543	ug/l	98
83) tert-Butylbenzene	13.00	119	295374	21.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	326525	21.267	ug/l	99
85) sec-Butylbenzene	13.18	105	388799	21.610	ug/l	99
86) p-Isopropyltoluene	13.30	119	341522	21.352	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	172899	20.626	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	168924	19.739	ug/l	98
89) n-Butylbenzene	13.62	91	309856	20.433	ug/l	99
90) Hexachloroethane	13.89	117	49669	19.532	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	179943	21.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	23990	21.810	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058385.D
Acq On : 26 Sep 2019 14:58
Operator : JC/SP
Sample : VN0926WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Quant Time: Sep 27 02:35:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

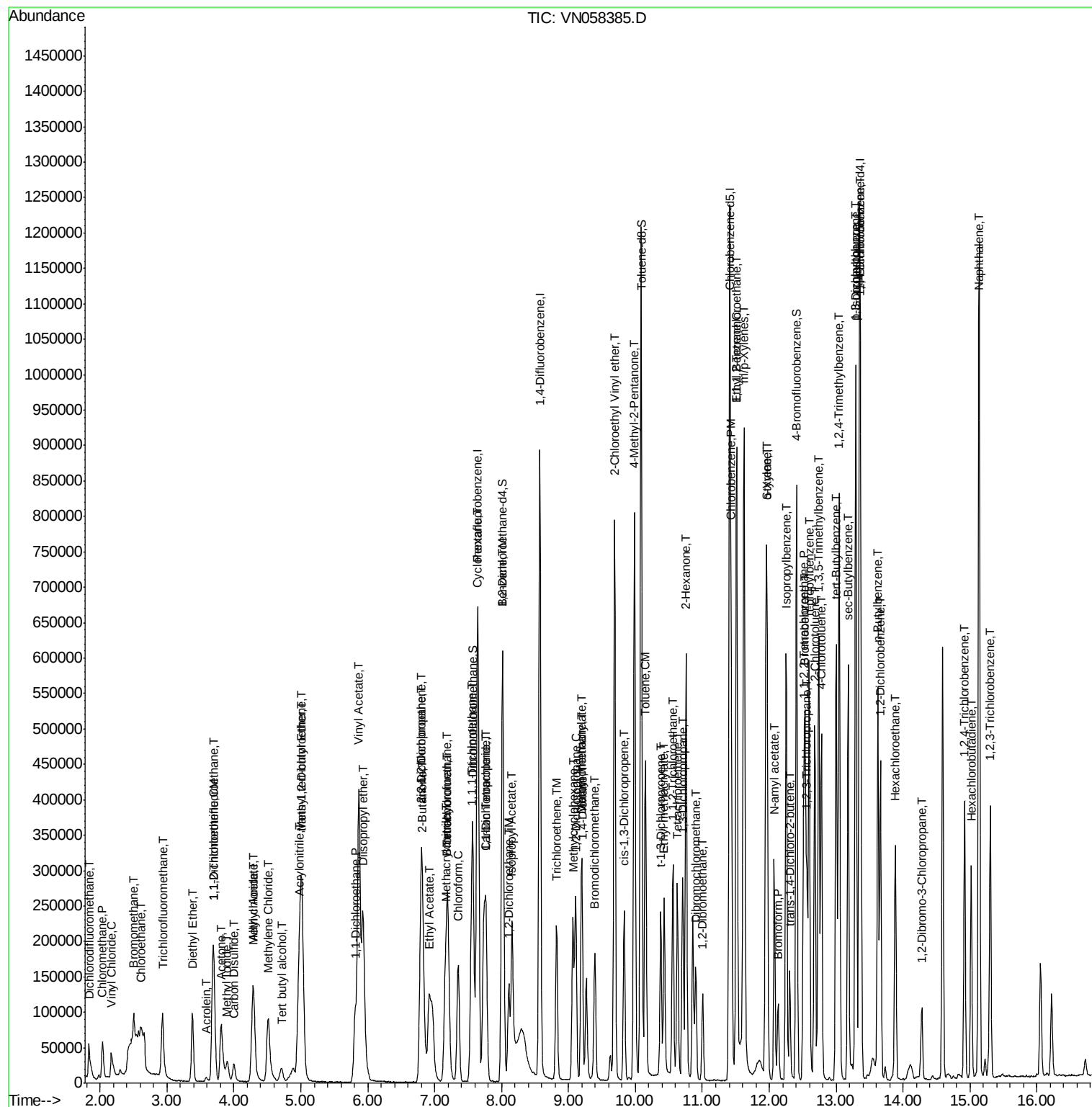
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	113861	21.194	ug/l	98
94) Hexachlorobutadiene	15.02	225	51731	19.922	ug/l	96
95) Naphthalene	15.14	128	942527	67.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	111668	21.991	ug/l	99

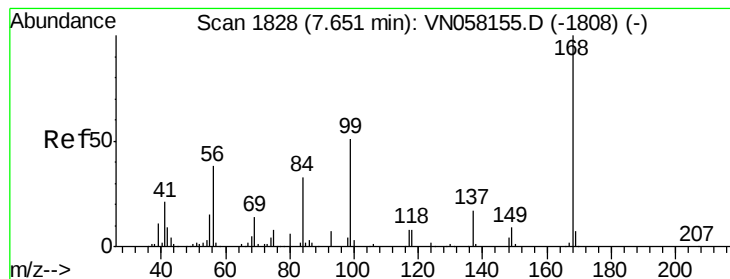
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058385.D
Acq On : 26 Sep 2019 14:58
Operator : JC/SP
Sample : VN0926WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Quant Time: Sep 27 02:35:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

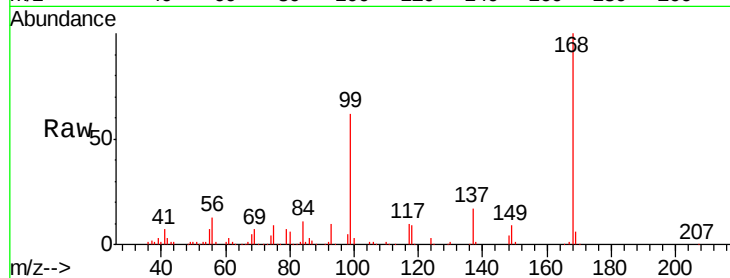
VN0926WBS02

Tgt Ion: 168 Resp: 443608

Ion Ratio Lower Upper

168 100

99 61.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

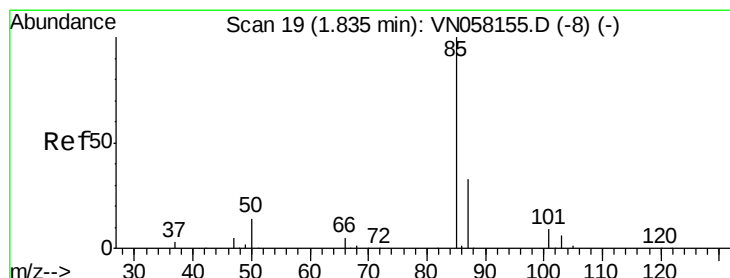
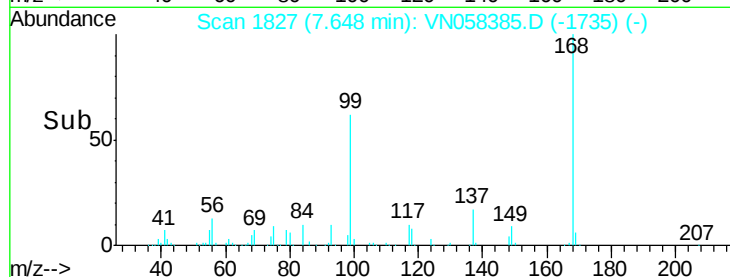
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 16.070 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058385.D

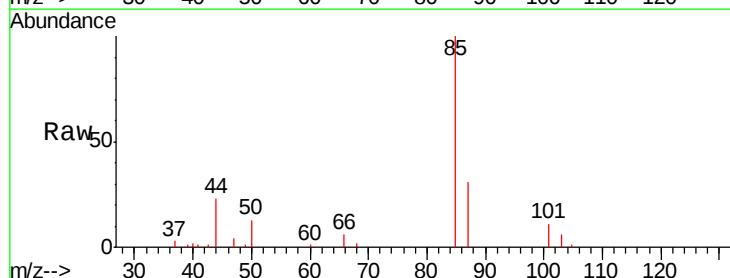
Acq: 26 Sep 2019 14:58

Tgt Ion: 85 Resp: 58562

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

25000

20000

15000

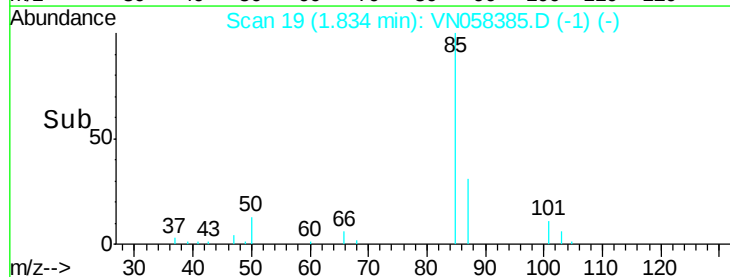
10000

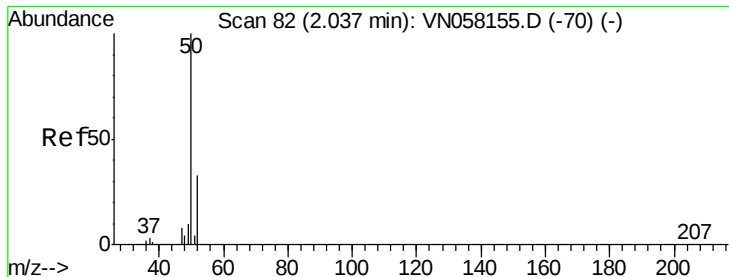
5000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 17.830 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

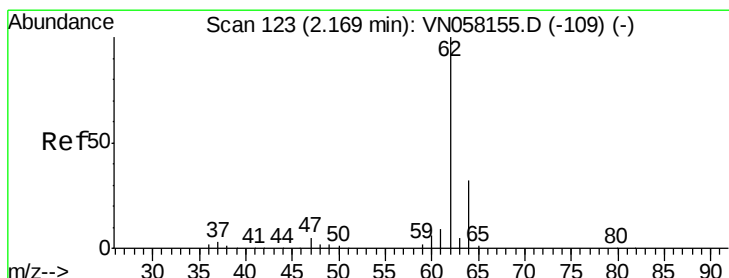
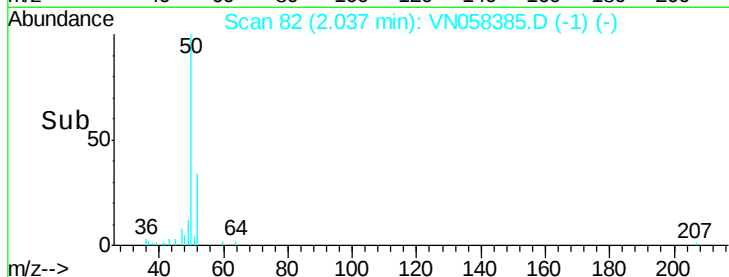
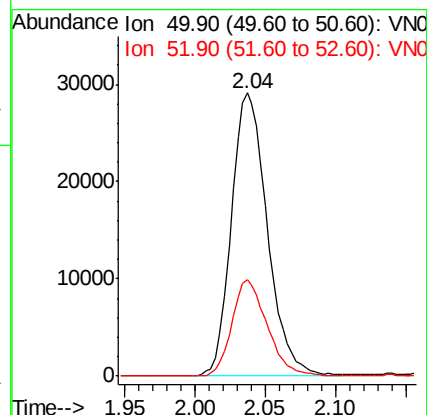
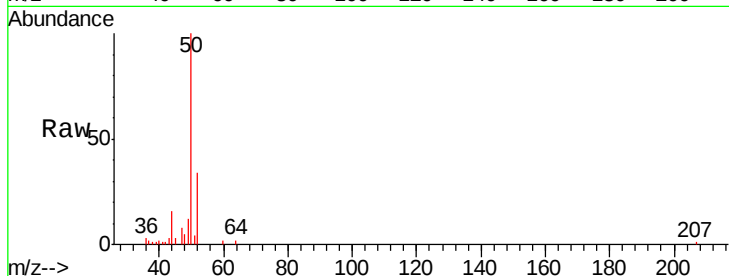
VN0926WBS02

Tgt Ion: 50 Resp: 51951

Ion Ratio Lower Upper

50 100

52 34.2 26.3 39.5



#4

Vinyl Chloride

Concen: 17.128 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058385.D

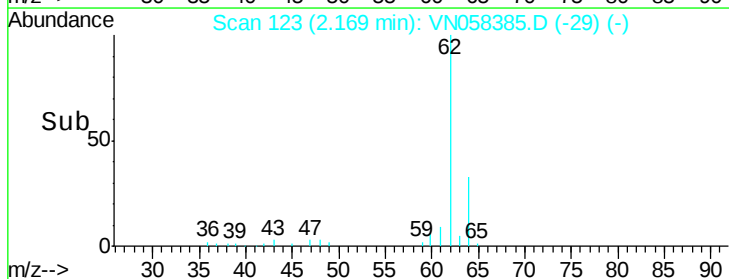
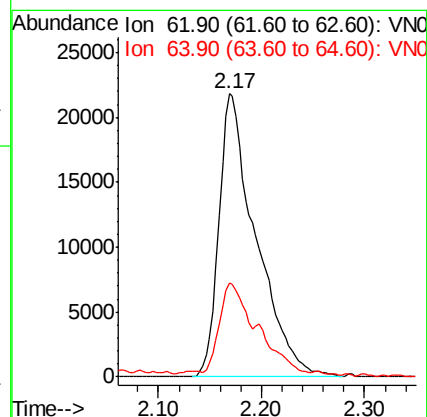
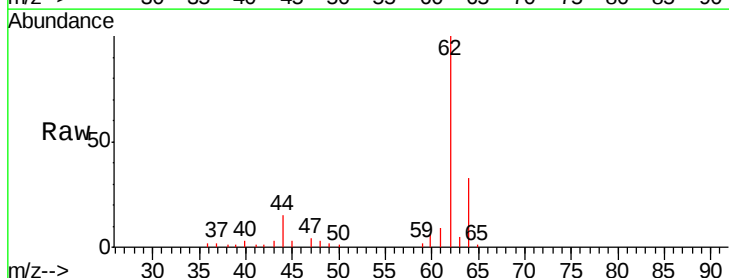
Acq: 26 Sep 2019 14:58

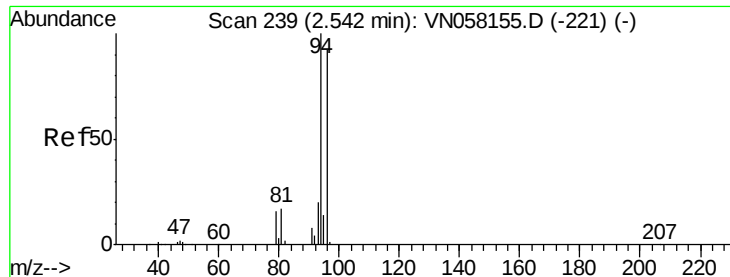
Tgt Ion: 62 Resp: 54440

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 12.272 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.04 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

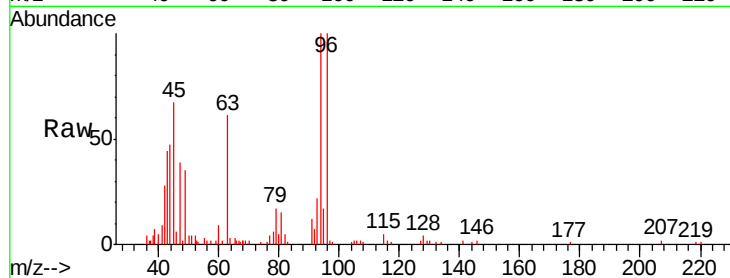
VN0926WBS02

Tgt Ion: 94 Resp: 19055

Ion Ratio Lower Upper

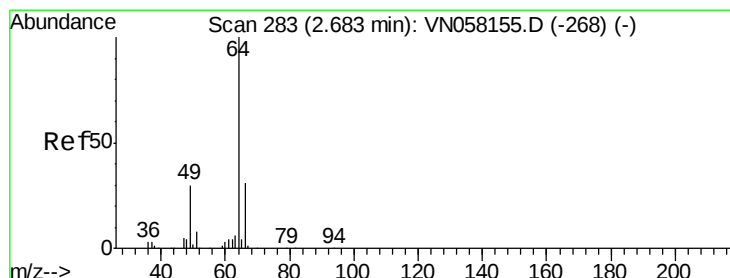
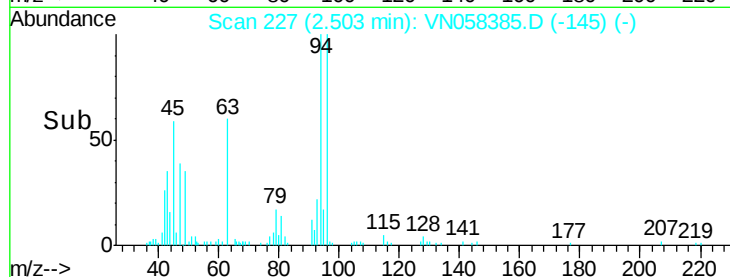
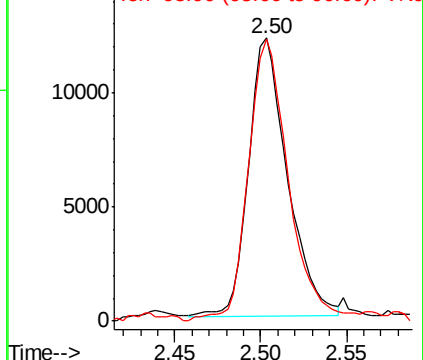
94 100

96 101.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 5.800 ug/l

RT: 2.61 min Scan# 260

Delta R.T. -0.07 min

Lab File: VN058385.D

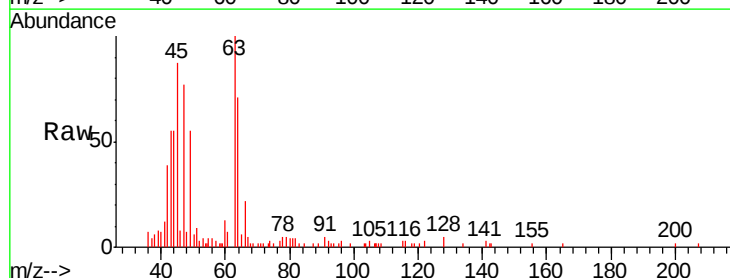
Acq: 26 Sep 2019 14:58

Tgt Ion: 64 Resp: 14458

Ion Ratio Lower Upper

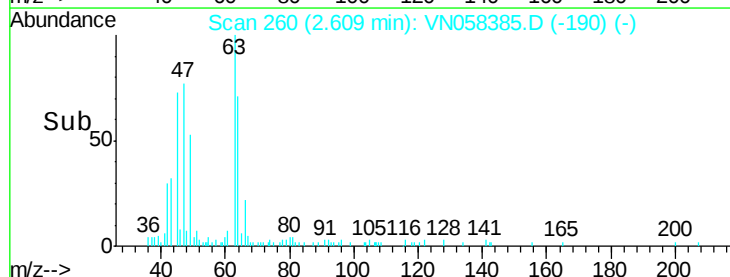
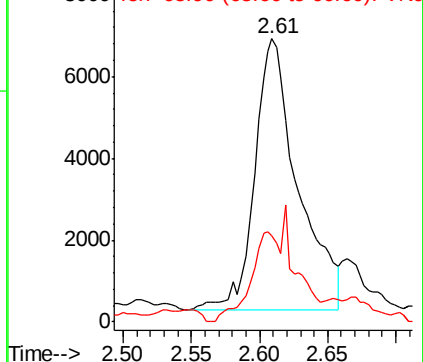
64 100

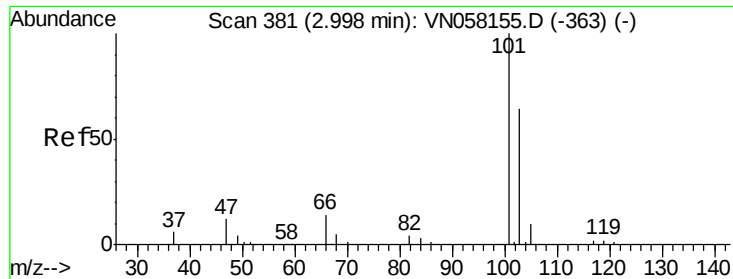
66 27.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



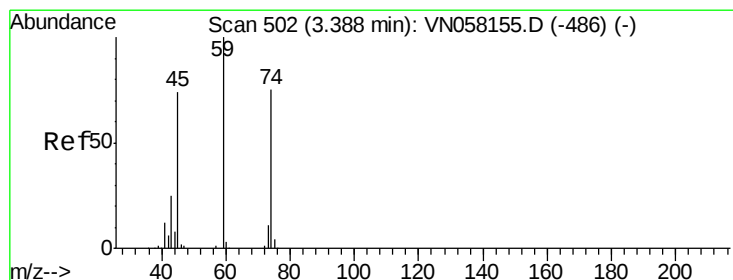
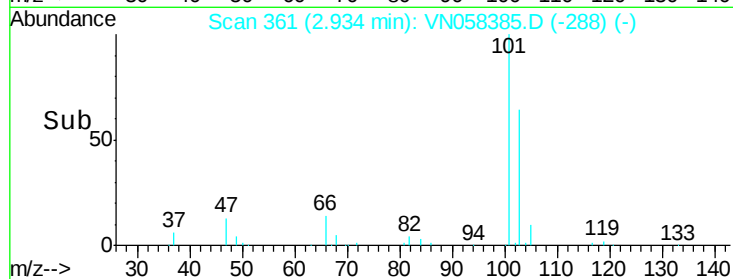
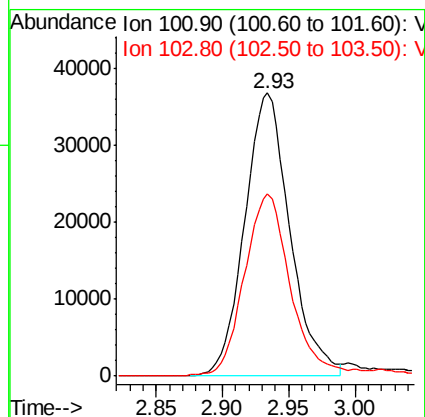
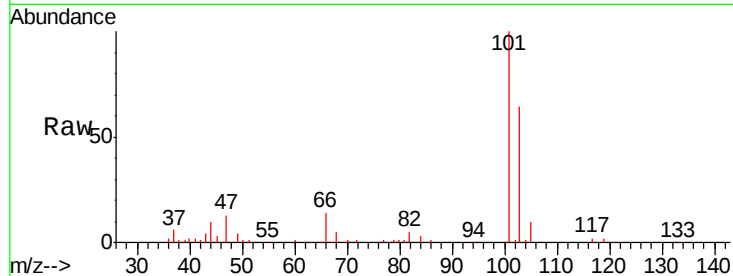


#7

Trichlorofluoromethane
Concen: 17.578 ug/l
RT: 2.93 min Scan# 361
Delta R.T. -0.06 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

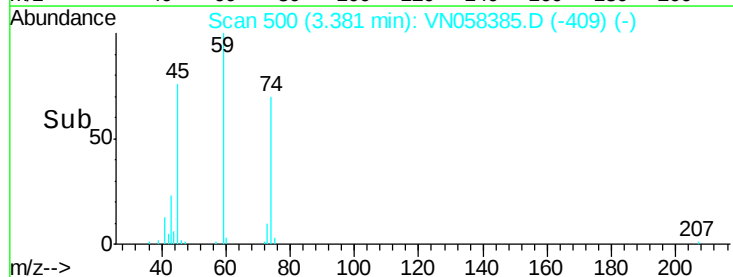
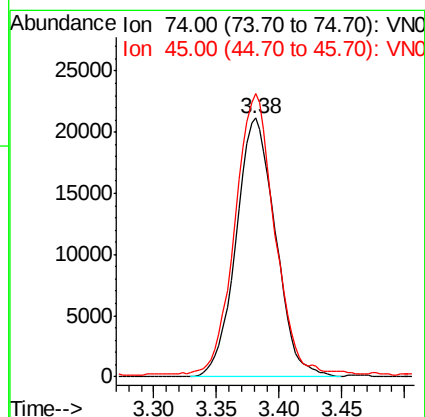
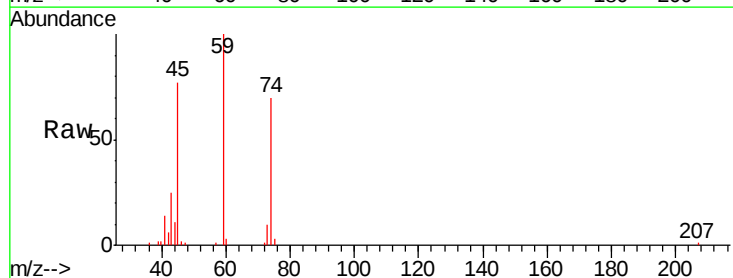
Tgt Ion:101 Resp: 87435
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

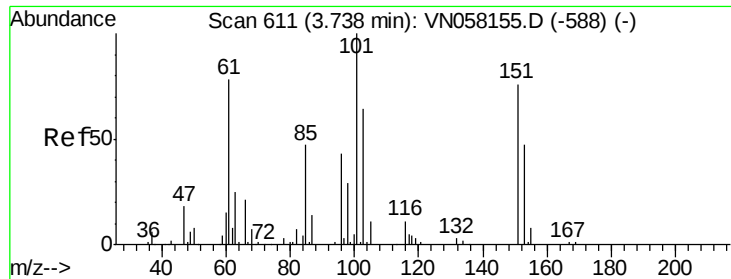


#8

Diethyl Ether
Concen: 20.260 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 74 Resp: 46174
Ion Ratio Lower Upper
74 100
45 108.7 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.276 ug/l

RT: 3.70 min Scan# 599

Delta R.T. -0.04 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

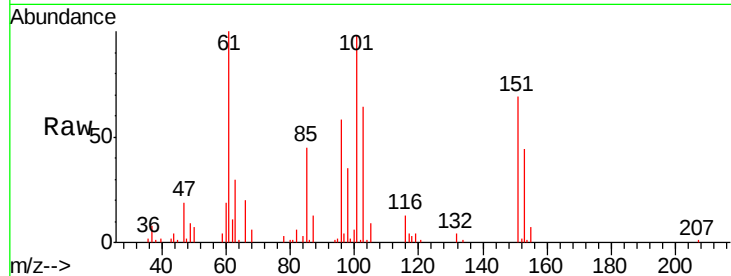
Tgt Ion:101 Resp: 69127

Ion Ratio Lower Upper

101 100

85 47.2 37.3 55.9

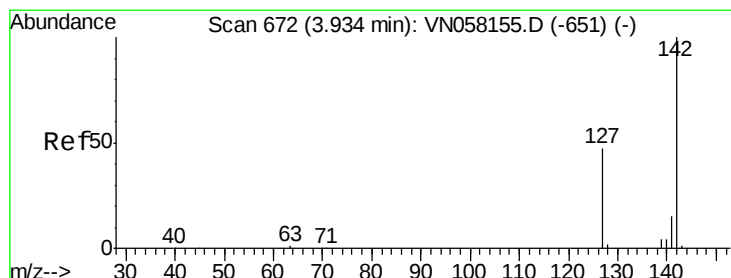
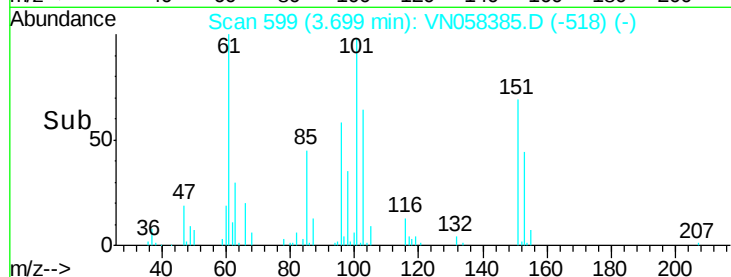
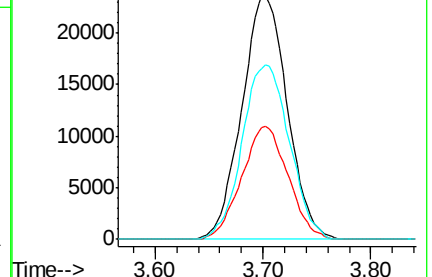
151 74.6 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.849 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.03 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

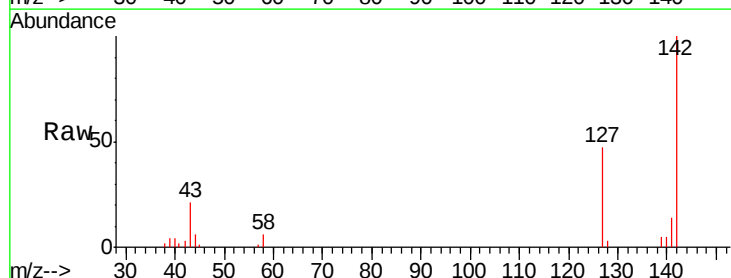
Tgt Ion:142 Resp: 41617

Ion Ratio Lower Upper

142 100

127 45.4 37.5 56.3

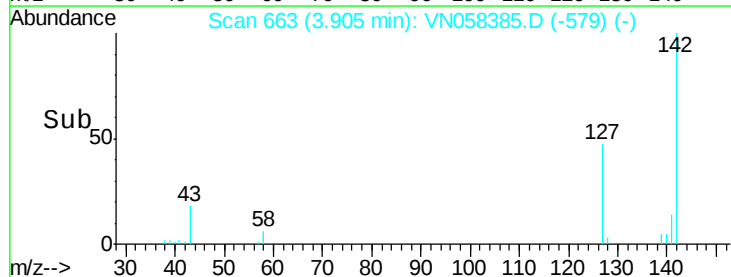
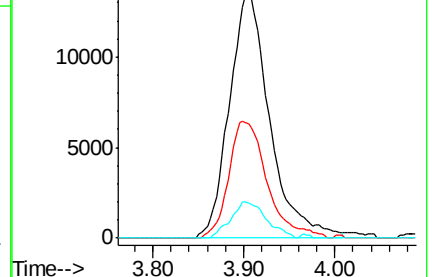
141 13.2 11.4 17.2

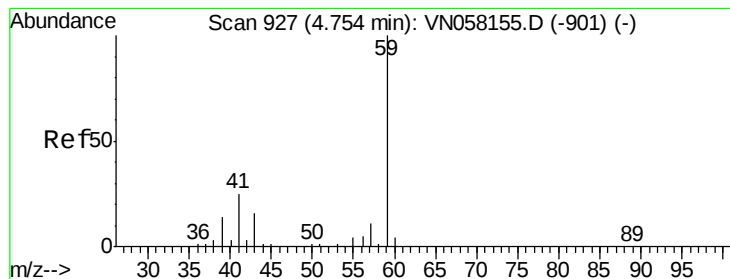


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 25.195 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

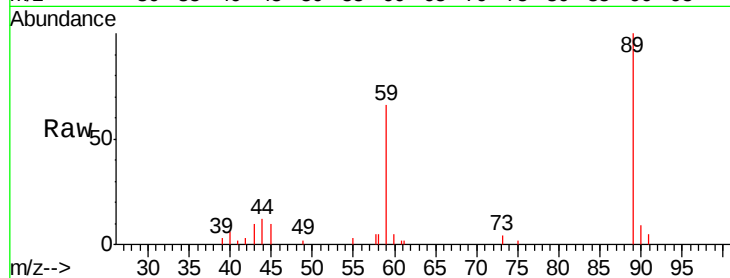
VN0926WBS02

Tgt Ion: 59 Resp: 18517

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.72

6000

5000

4000

3000

2000

1000

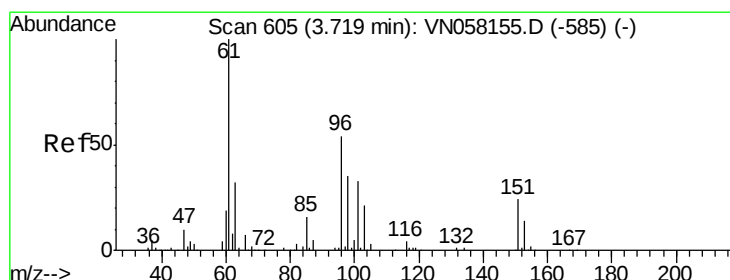
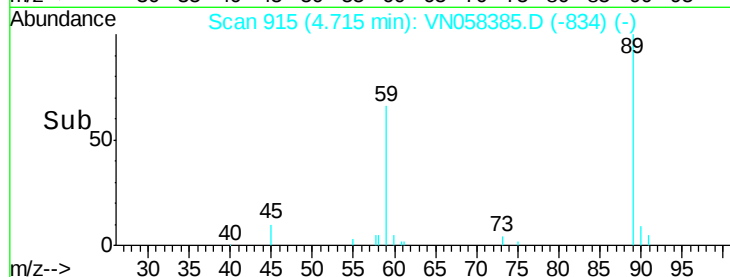
0

Time-->

4.60

4.70

4.80



#12

1,1-Dichloroethene

Concen: 18.979 ug/l

RT: 3.69 min Scan# 595

Delta R.T. -0.03 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

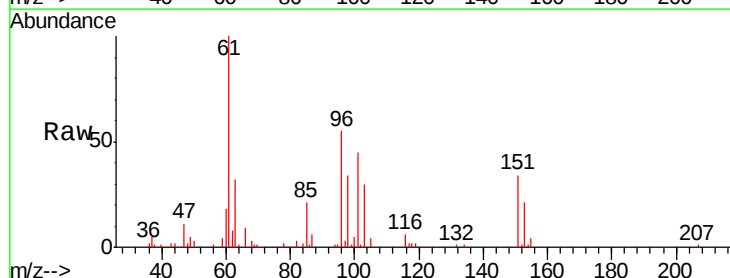
Tgt Ion: 96 Resp: 52254

Ion Ratio Lower Upper

96 100

61 181.2 149.5 224.3

98 61.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

50000

40000

30000

20000

10000

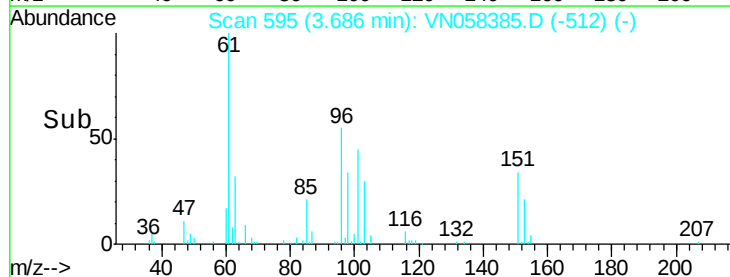
0

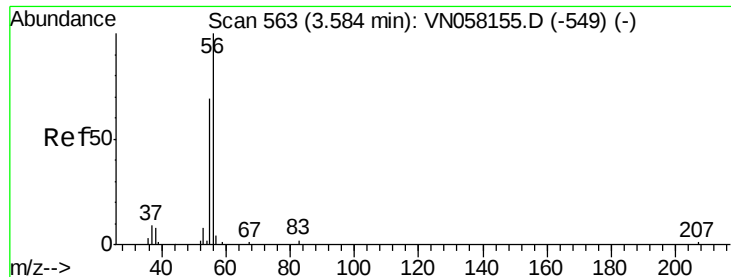
Time-->

3.60

3.70

3.80





#13

Acrolein

Concen: 61.734 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

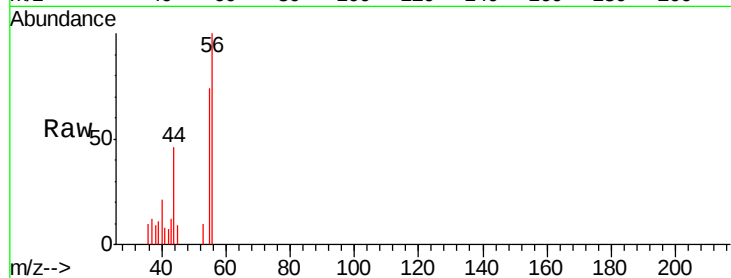
VN0926WBS02

Tgt Ion: 56 Resp: 6724

Ion Ratio Lower Upper

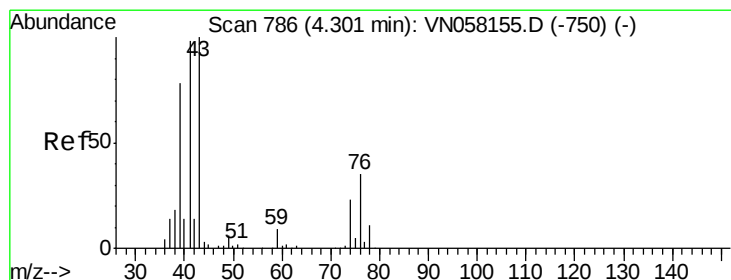
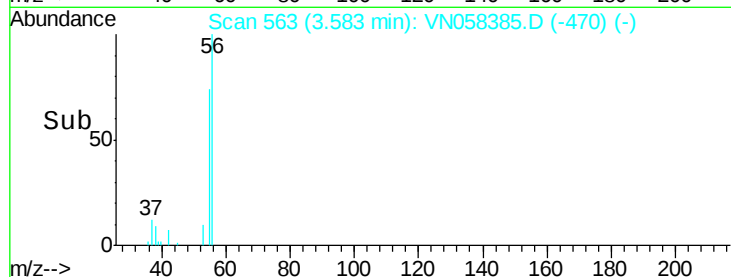
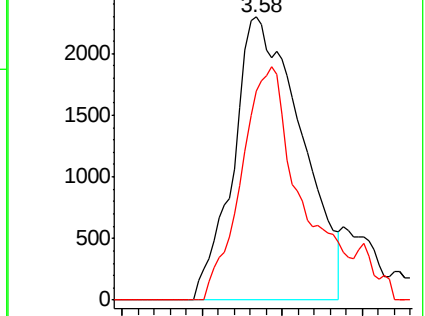
56 100

55 72.7 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.815 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.02 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

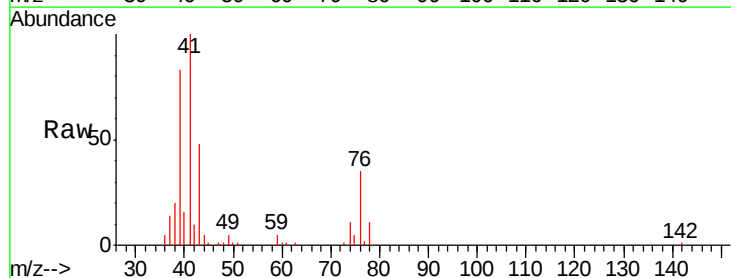
Tgt Ion: 41 Resp: 98678

Ion Ratio Lower Upper

41 100

39 77.2 59.1 88.7

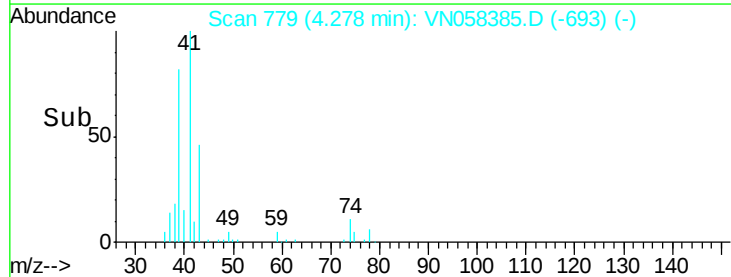
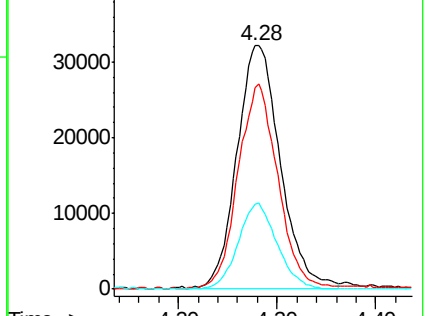
76 31.3 25.1 37.7

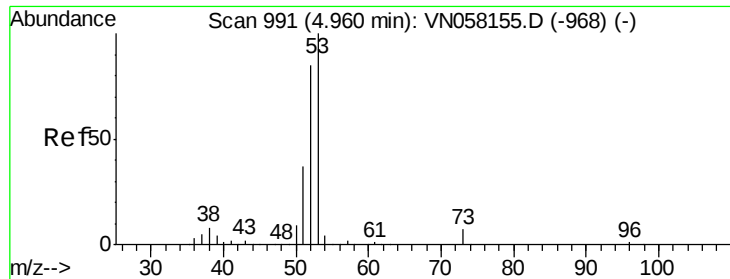


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 104.592 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

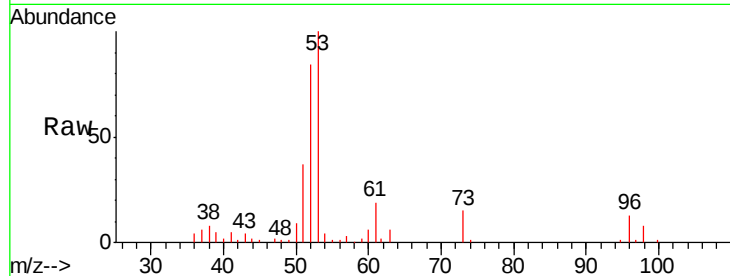
Tgt Ion: 53 Resp: 204805

Ion Ratio Lower Upper

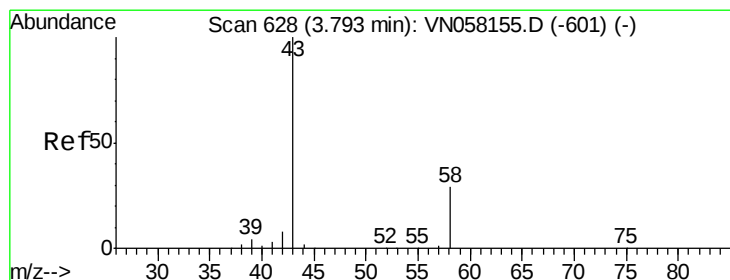
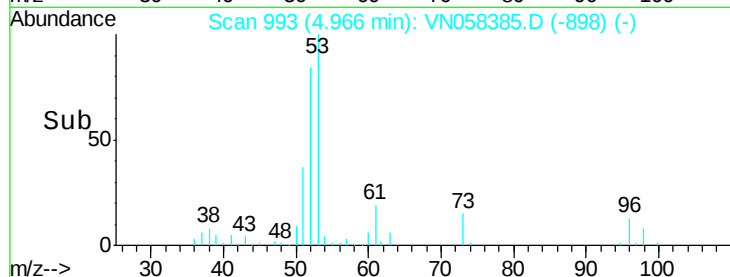
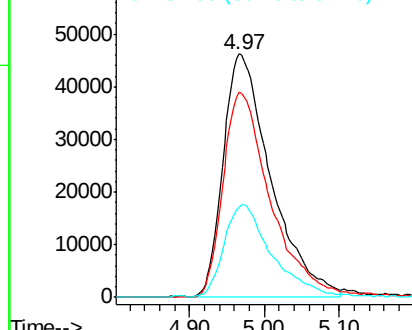
53 100

52 83.6 66.6 100.0

51 38.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.135 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN058385.D

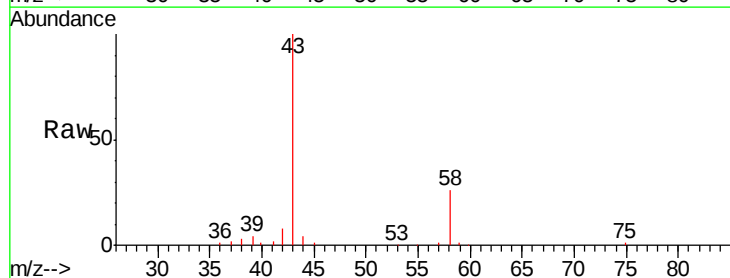
Acq: 26 Sep 2019 14:58

Tgt Ion: 43 Resp: 178551

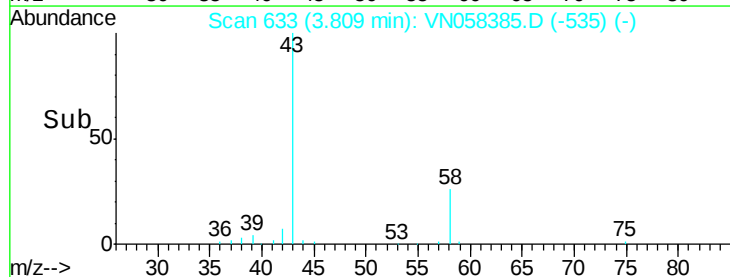
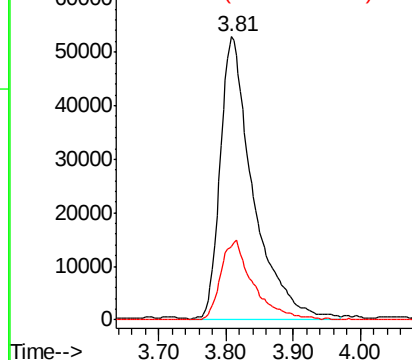
Ion Ratio Lower Upper

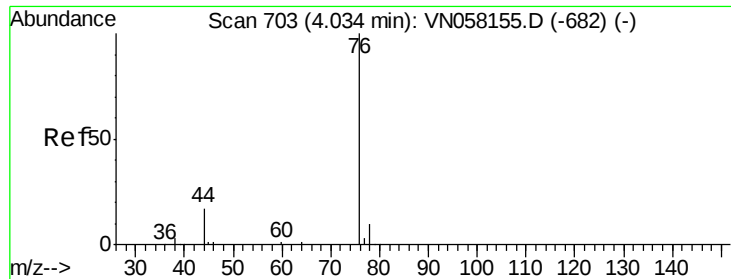
43 100

58 26.2 23.4 35.2



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

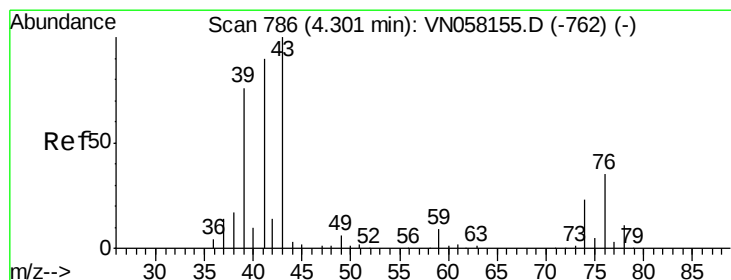
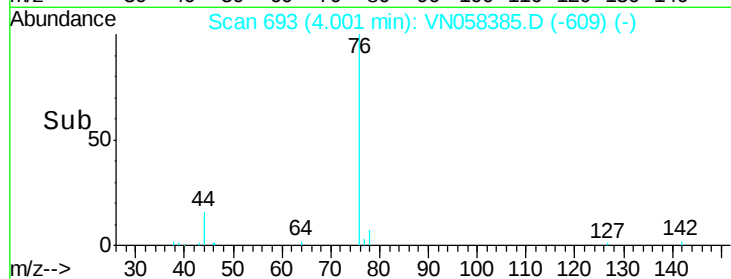
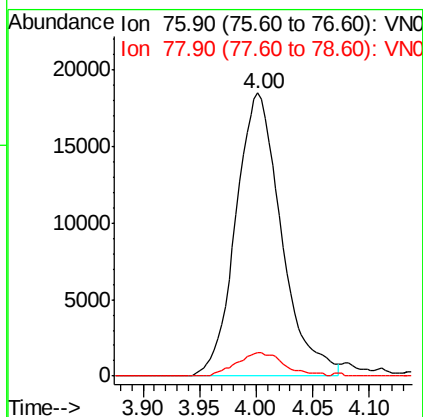
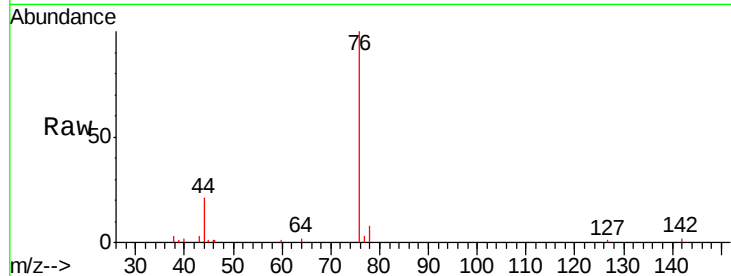




#17
Carbon Disulfide
Concen: 13.713 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.03 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

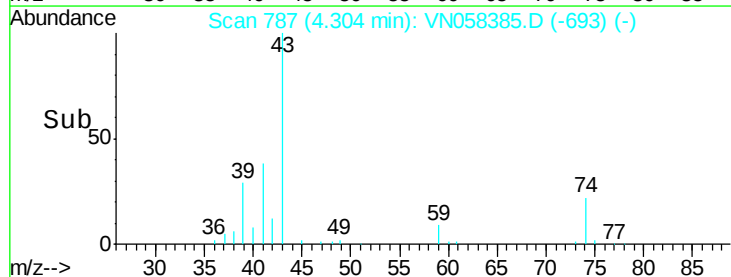
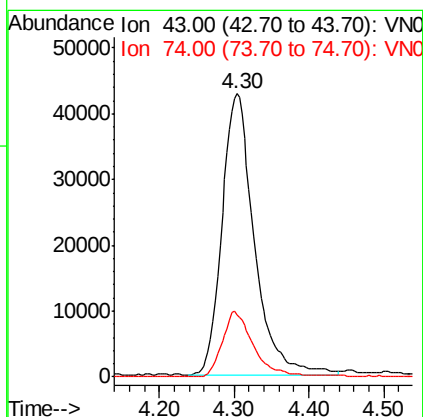
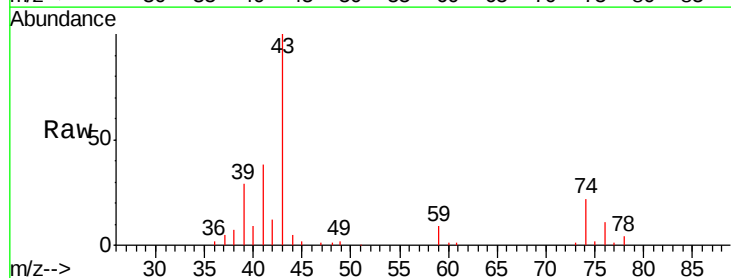
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

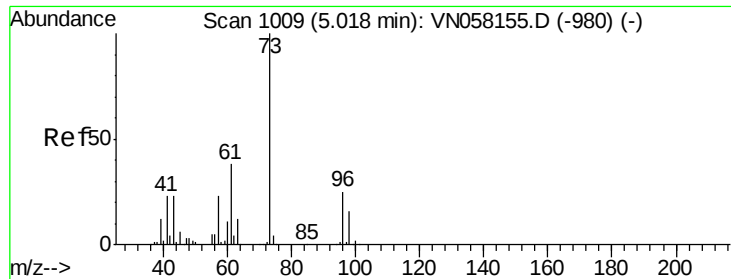
Tgt Ion: 76 Resp: 51777
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5



#18
Methyl Acetate
Concen: 23.190 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 43 Resp: 127977
Ion Ratio Lower Upper
43 100
74 21.9 18.0 27.0

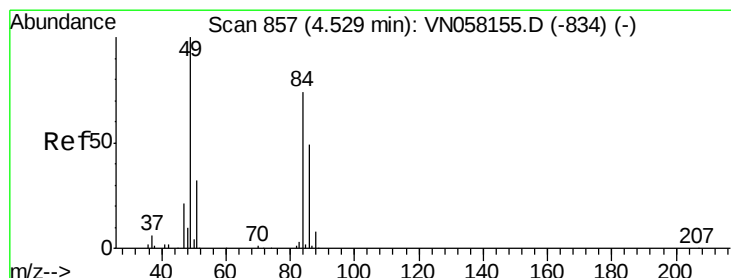
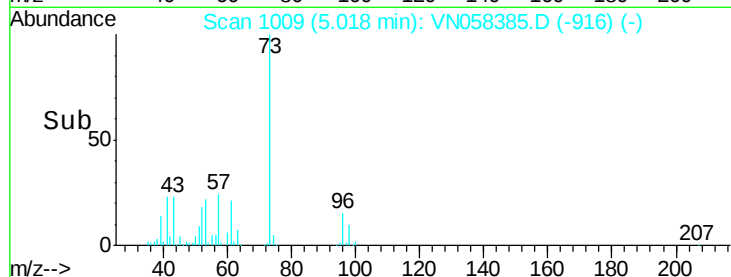
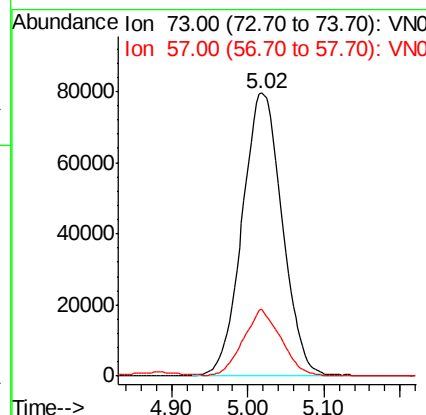
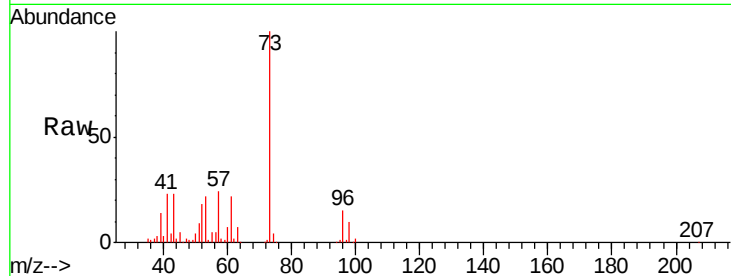




#19
Methyl tert-butyl Ether
Concen: 21.551 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

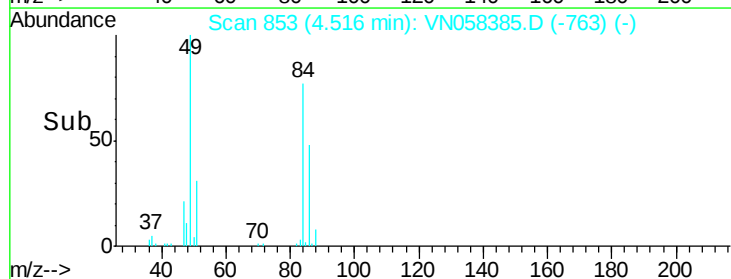
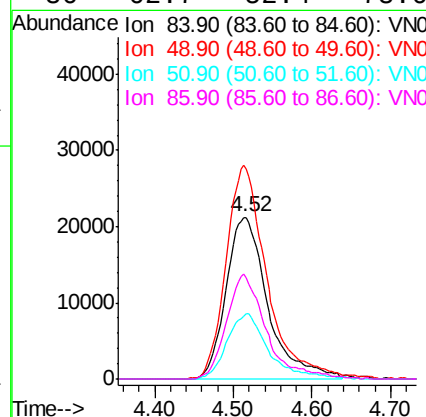
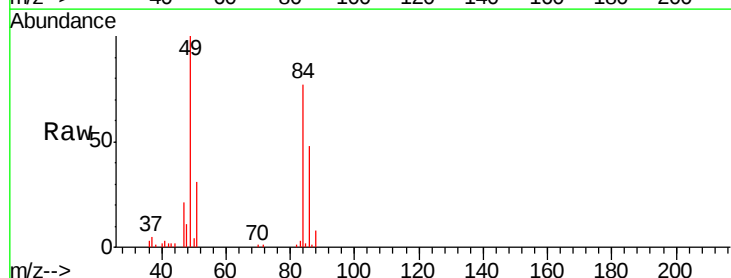
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

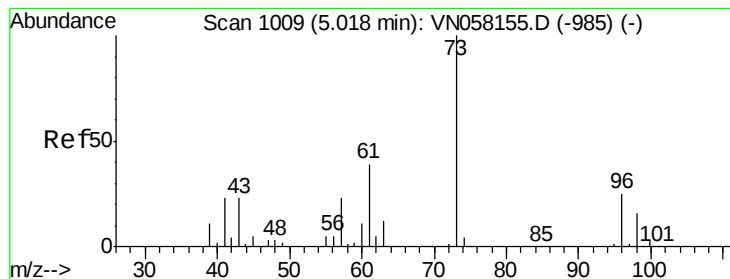
Tgt Ion: 73 Resp: 291502
Ion Ratio Lower Upper
73 100
57 23.7 18.1 27.1



#20
Methylene Chloride
Concen: 21.143 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 84 Resp: 78105
Ion Ratio Lower Upper
84 100
49 128.9 107.5 161.3
51 40.2 33.9 50.9
86 62.7 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 19.030 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. -0.02 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

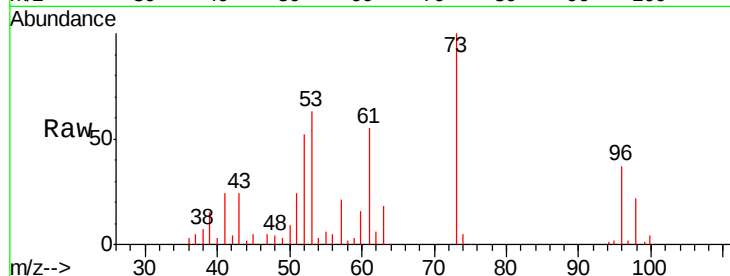
Tgt Ion: 96 Resp: 57178

Ion Ratio Lower Upper

96 100

61 148.6 122.2 183.4

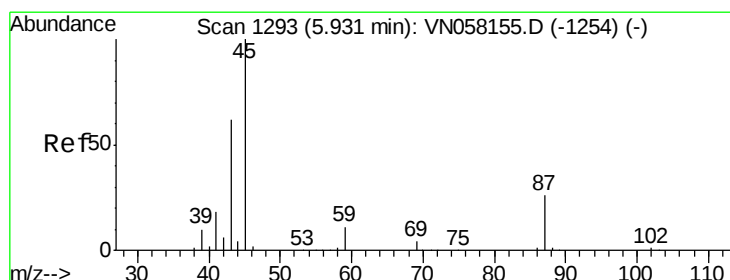
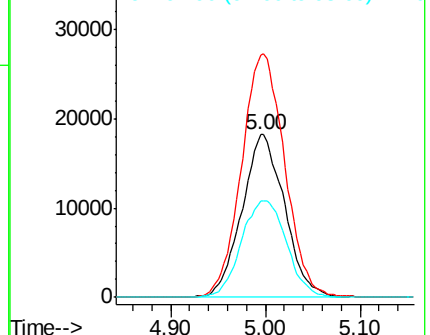
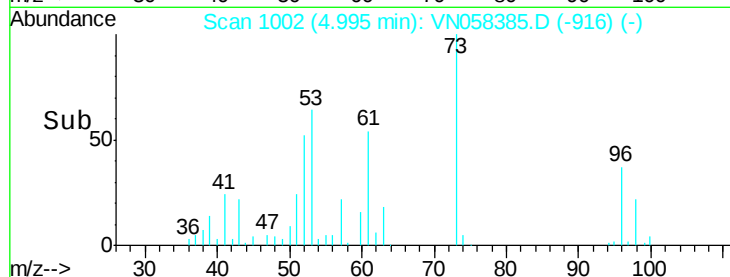
98 59.2 49.9 74.9



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.327 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Tgt Ion: 45 Resp: 317912

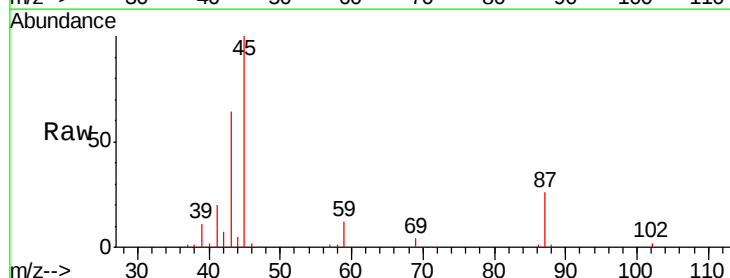
Ion Ratio Lower Upper

45 100

43 62.9 49.7 74.5

87 25.9 20.7 31.1

59 11.7 9.1 13.7

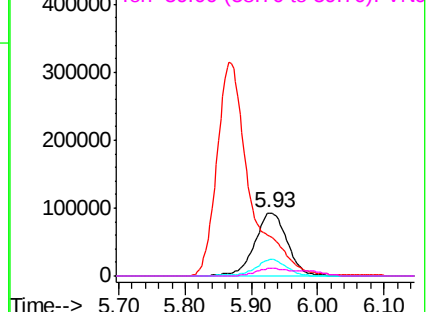
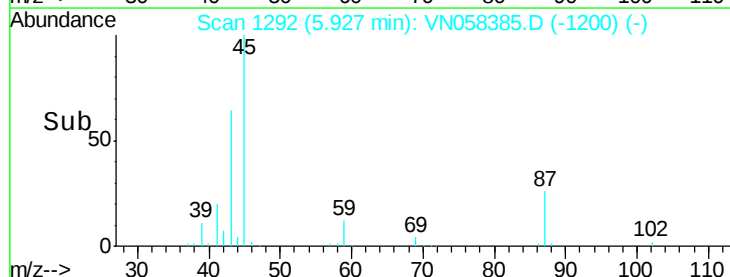


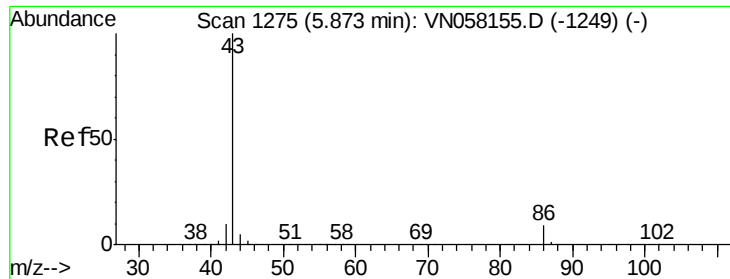
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

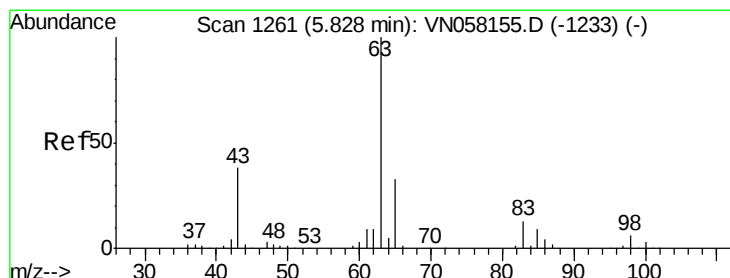
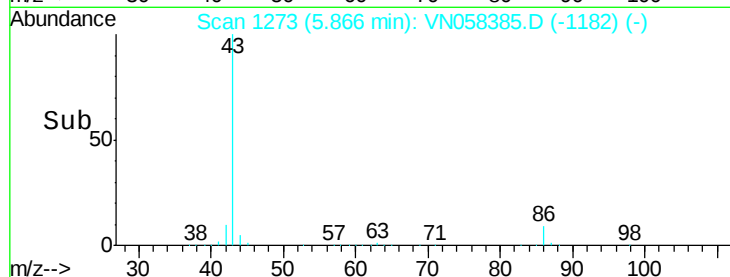
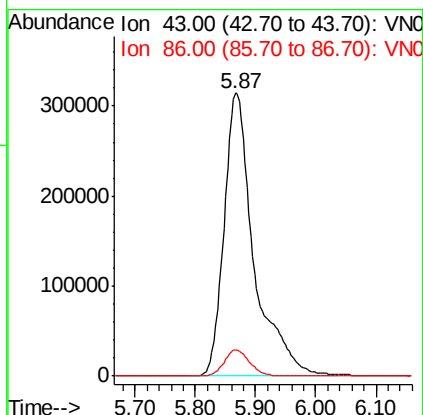
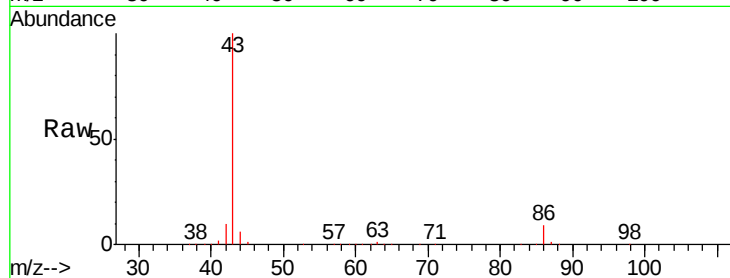




#23
 Vinyl Acetate
 Concen: 106.667 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

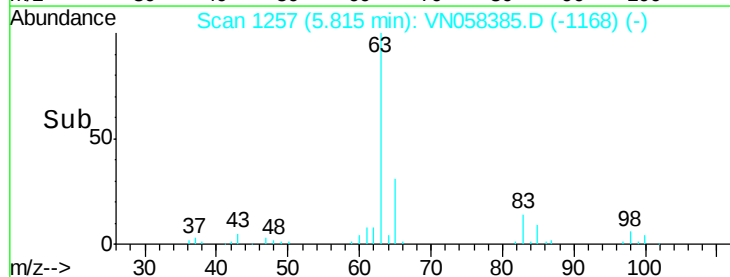
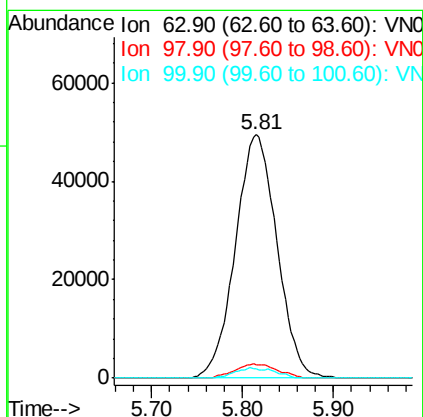
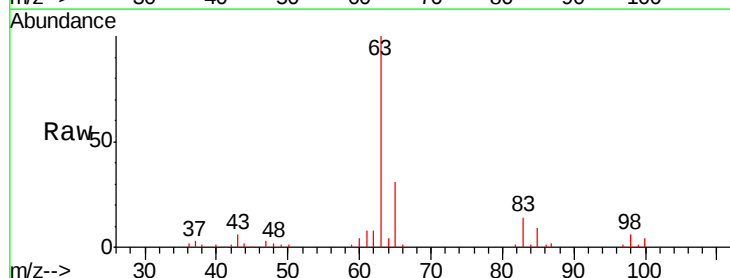
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

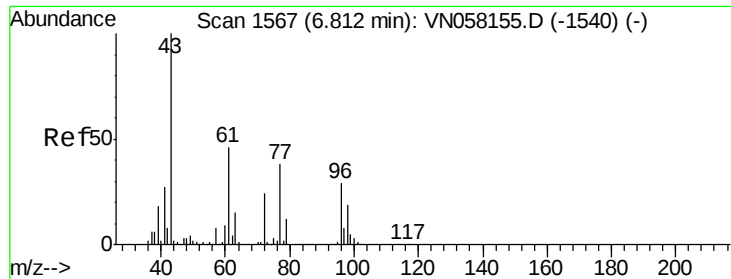
Tgt Ion: 43 Resp: 1088006
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 19.717 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion: 63 Resp: 156871
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 3.9 1.8 5.3





#25

2-Butanone

Concen: 92.838 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

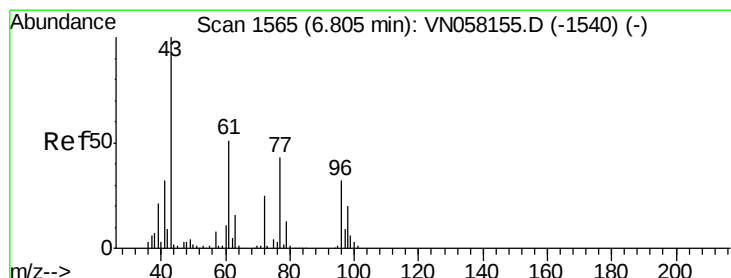
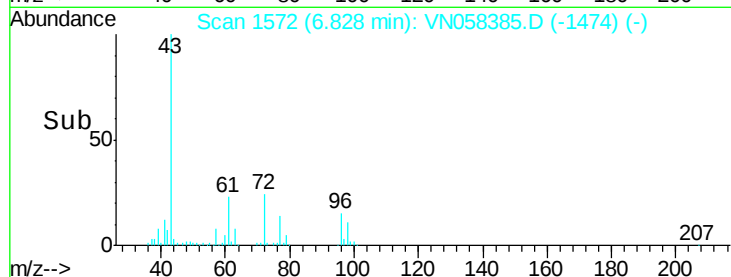
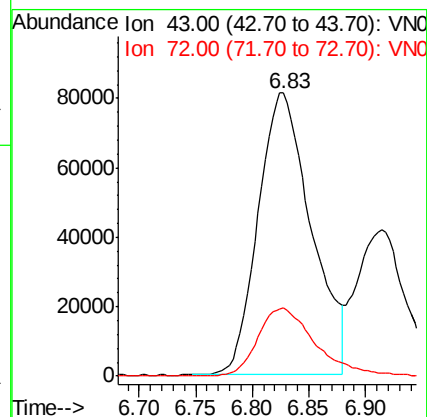
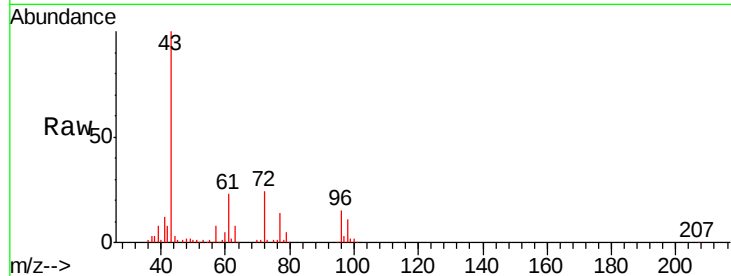
VN0926WBS02

Tgt Ion: 43 Resp: 265264

Ion Ratio Lower Upper

43 100

72 24.0 19.5 29.3



#26

2,2-Dichloropropane

Concen: 17.433 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN058385.D

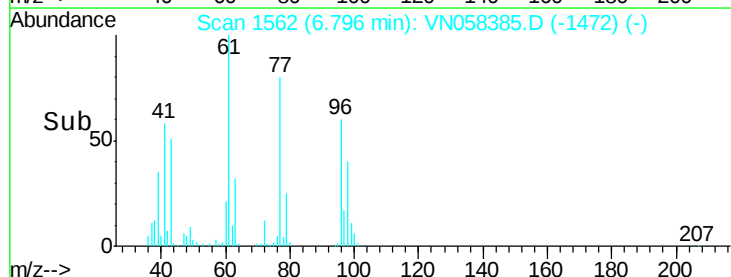
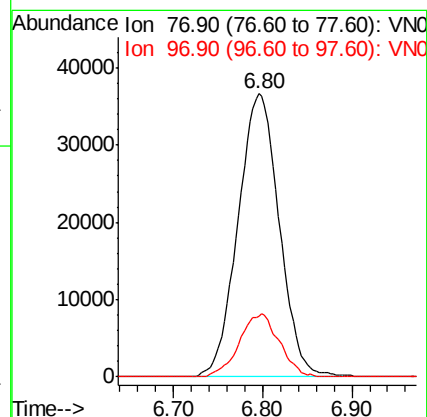
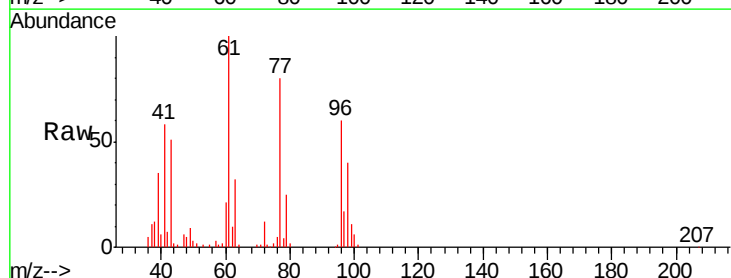
Acq: 26 Sep 2019 14:58

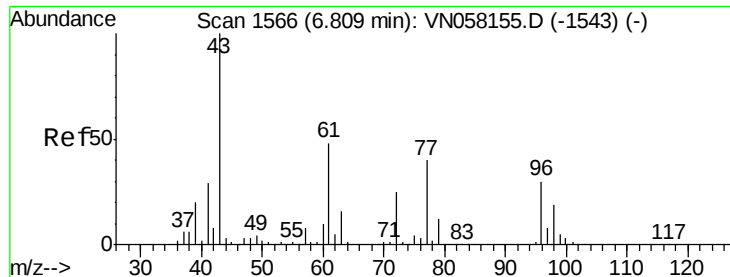
Tgt Ion: 77 Resp: 117667

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.163 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

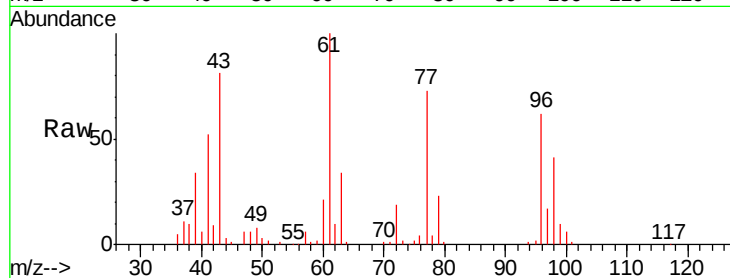
Tgt Ion: 96 Resp: 86204

Ion Ratio Lower Upper

96 100

61 162.1 0.0 319.0

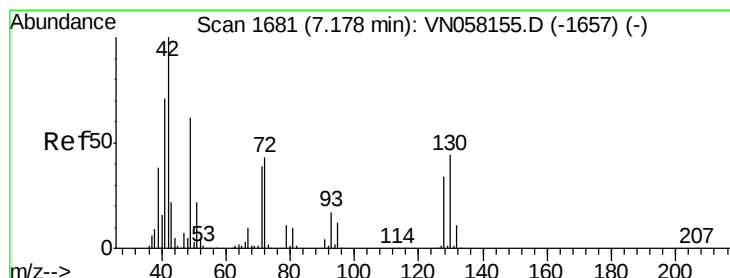
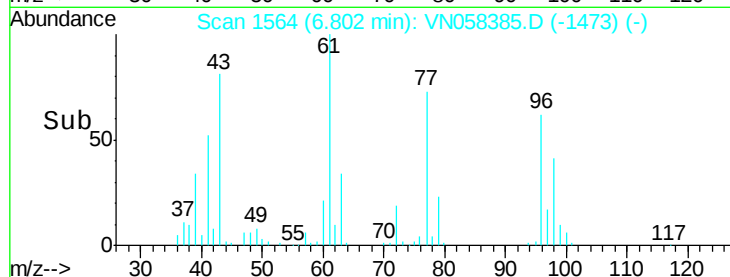
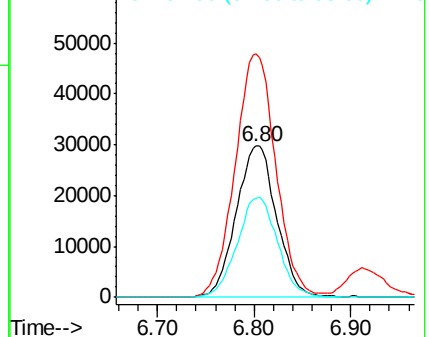
98 66.2 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.437 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

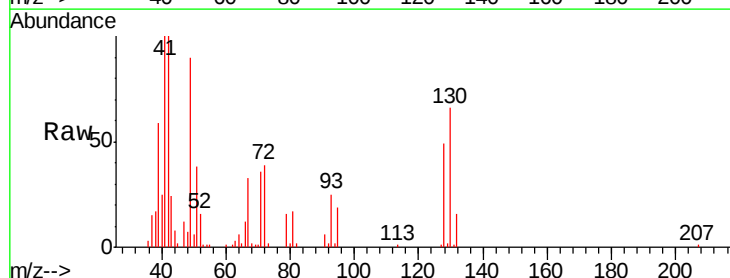
Tgt Ion: 49 Resp: 73156

Ion Ratio Lower Upper

49 100

129 0.8 0.0 1.8

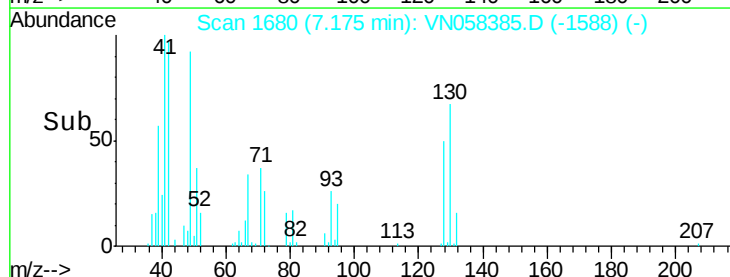
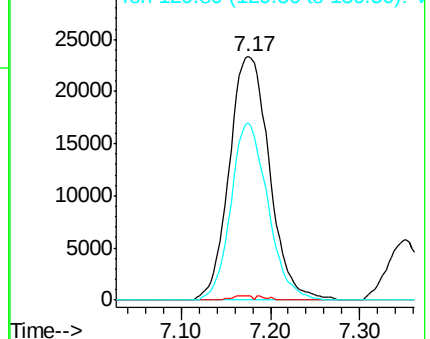
130 66.6 55.4 83.2

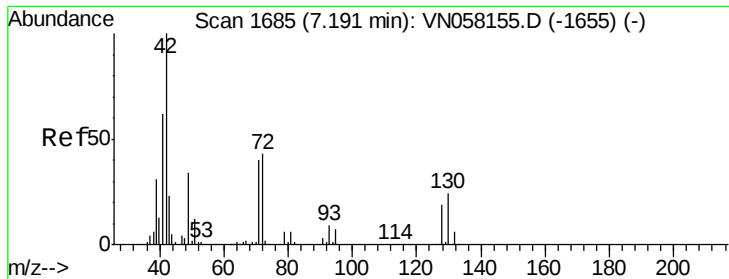


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

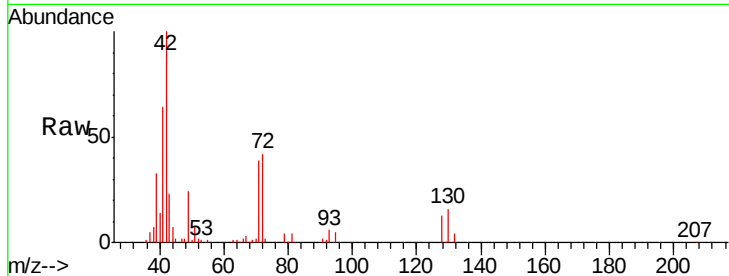




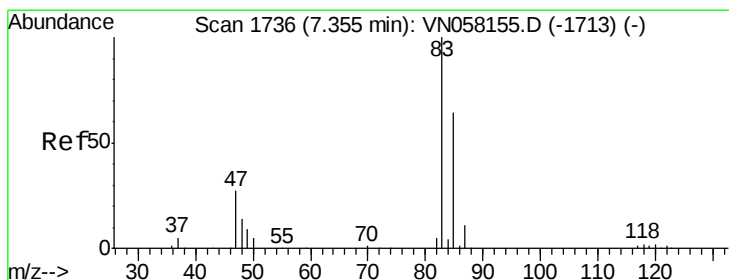
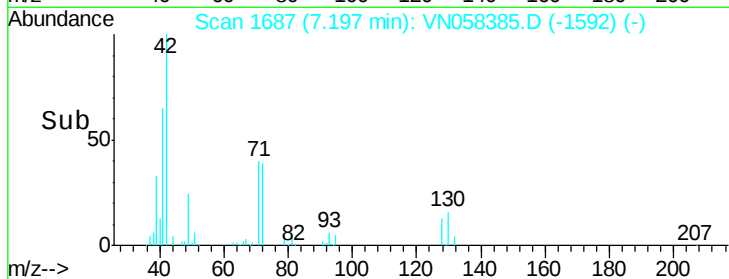
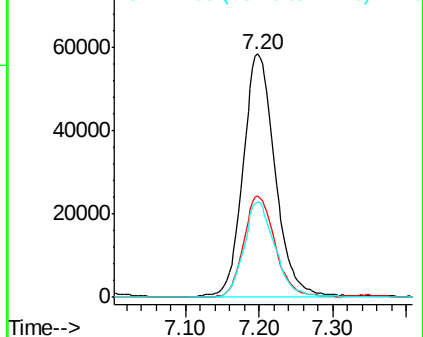
#29
Tetrahydrofuran
Concen: 100.969 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Tgt Ion: 42 Resp: 177706
Ion Ratio Lower Upper
42 100
72 41.0 33.8 50.6
71 37.8 31.4 47.0

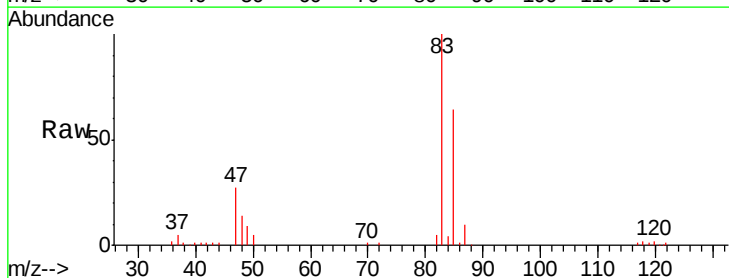


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

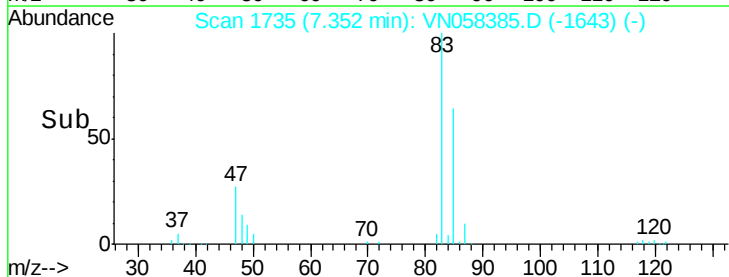
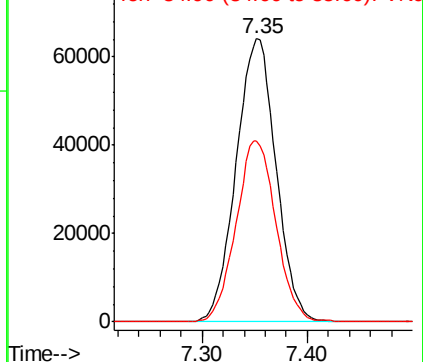


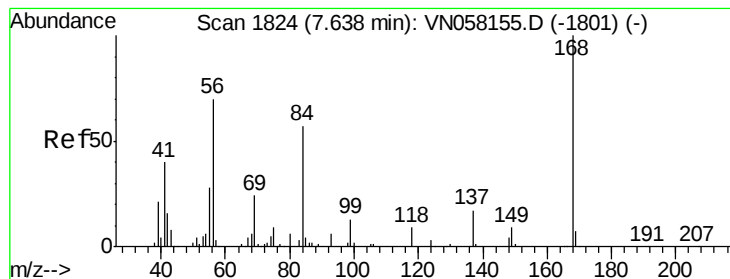
#30
Chloroform
Concen: 19.691 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 83 Resp: 168633
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.579 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

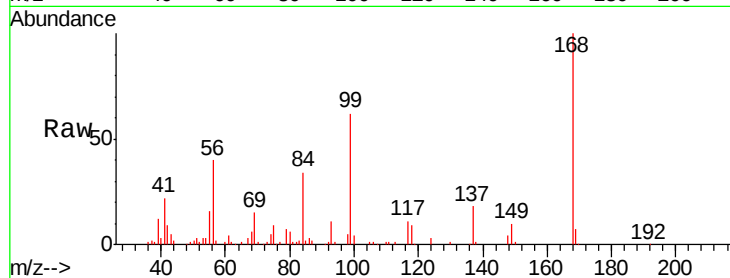
Tgt Ion: 56 Resp: 103349

Ion Ratio Lower Upper

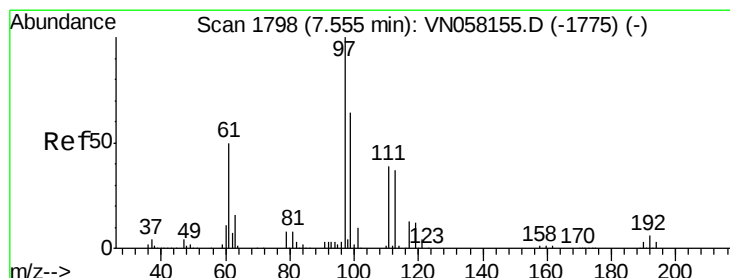
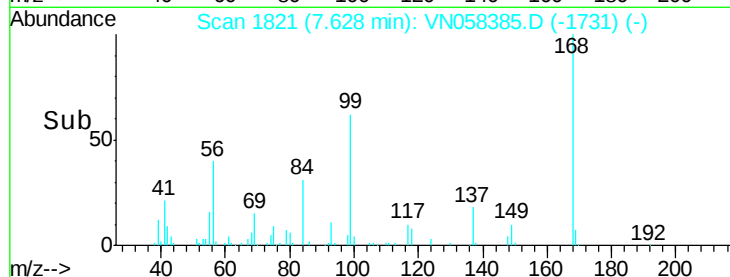
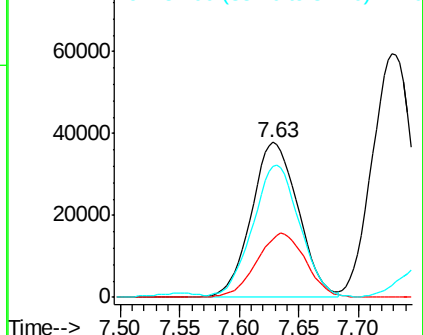
56 100

69 37.3 27.3 40.9

84 82.4 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 18.911 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

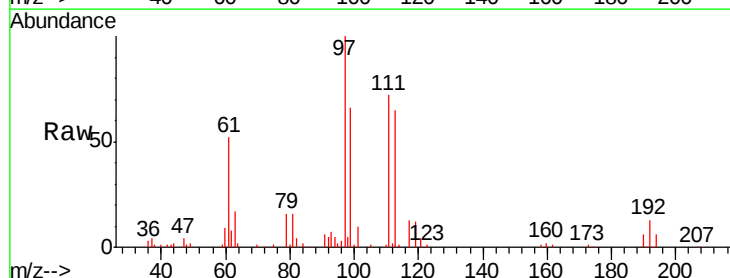
Tgt Ion: 97 Resp: 123293

Ion Ratio Lower Upper

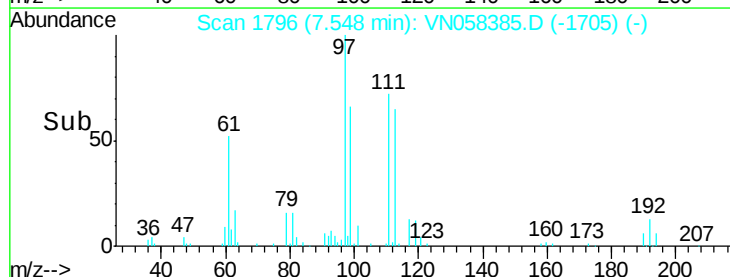
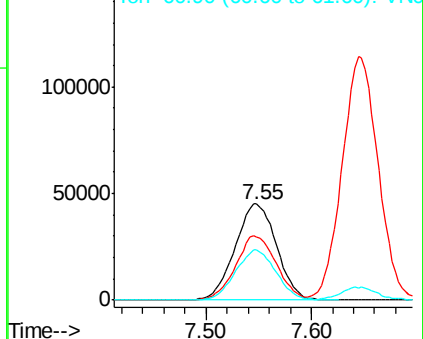
97 100

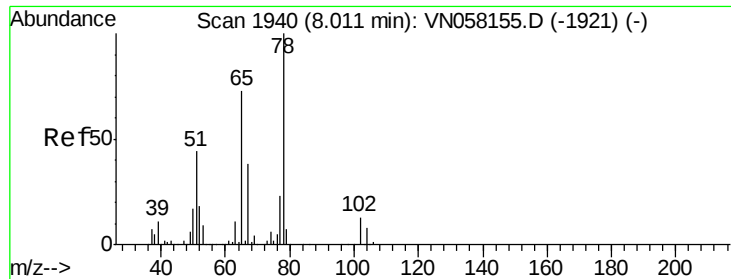
99 65.3 50.9 76.3

61 50.8 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

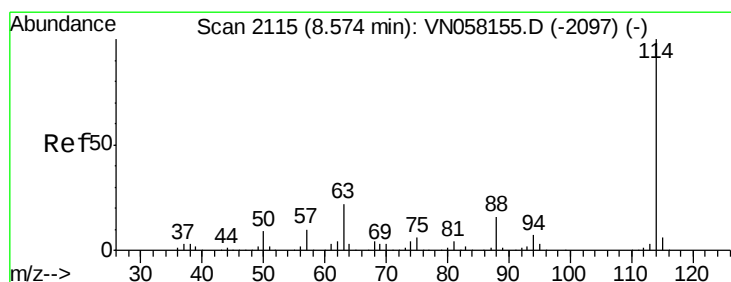
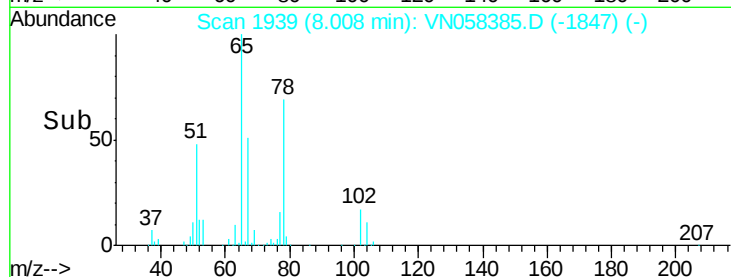
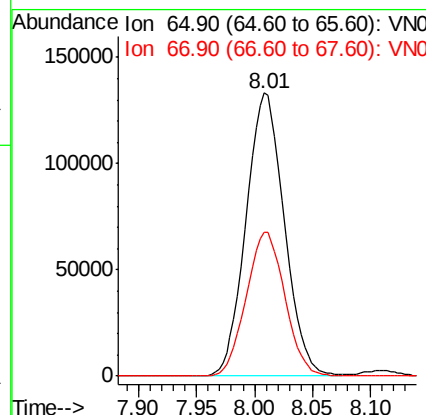
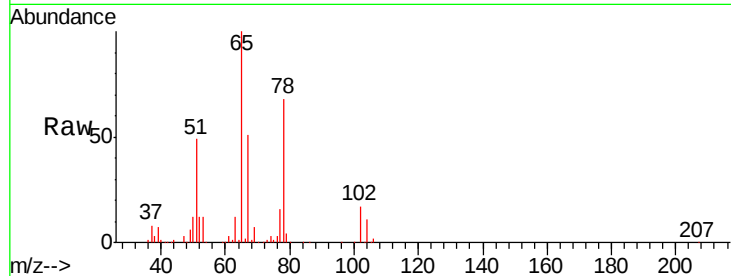




#33
 1,2-Dichloroethane-d4
 Concen: 49.728 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

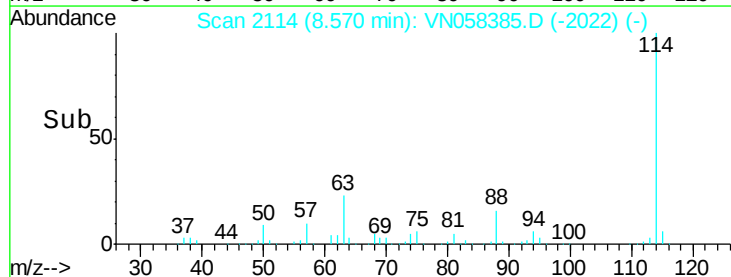
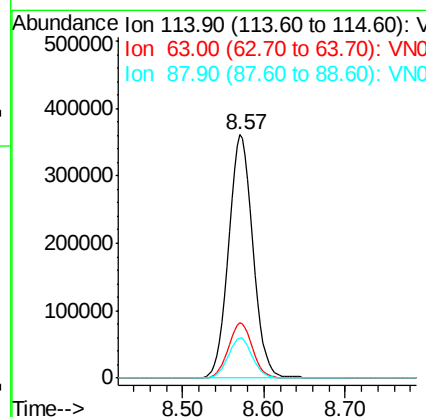
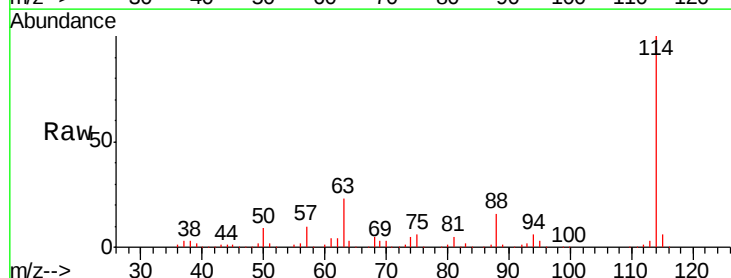
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

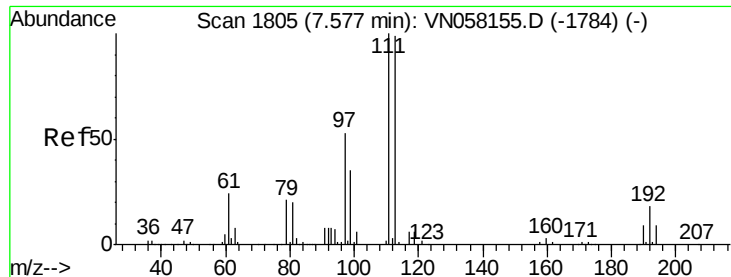
Tgt Ion: 65 Resp: 307249
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion: 114 Resp: 761436
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.661 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

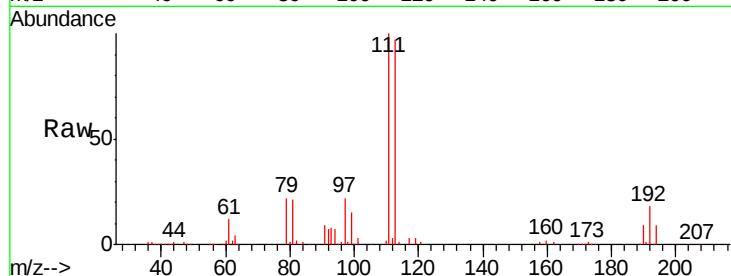
Tgt Ion: 113 Resp: 215991

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

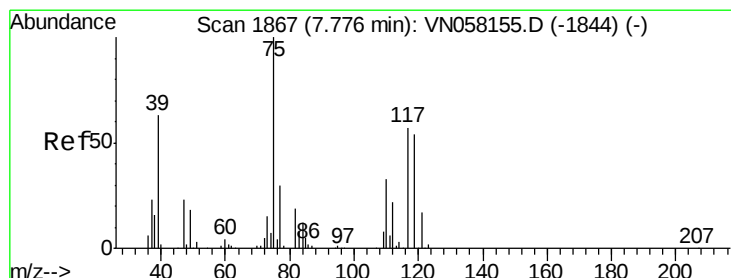
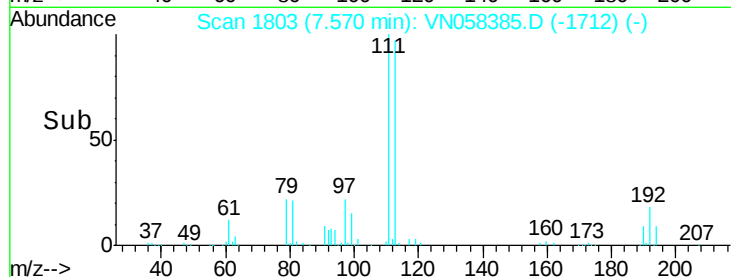
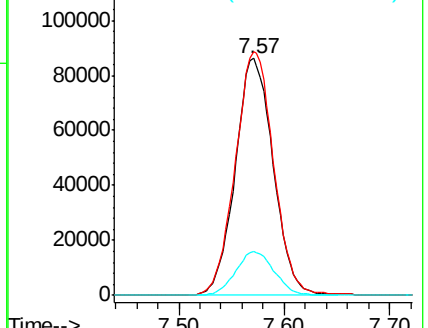
192 18.6 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.539 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

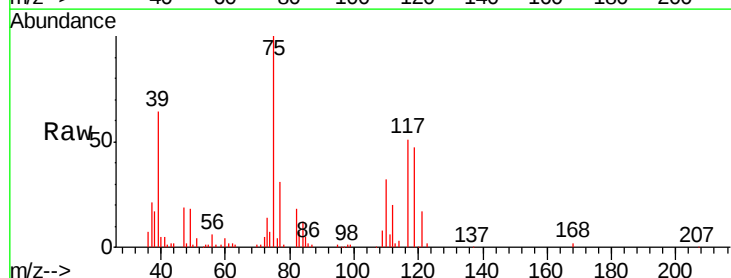
Tgt Ion: 75 Resp: 96310

Ion Ratio Lower Upper

75 100

110 32.6 16.6 49.7

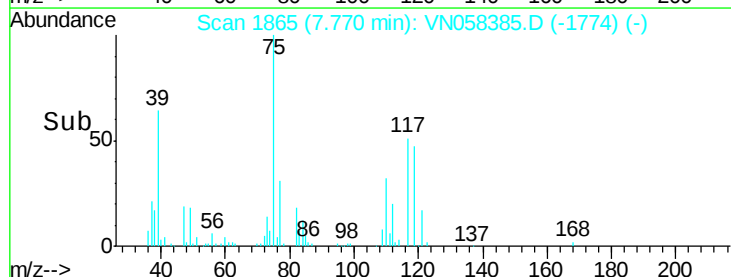
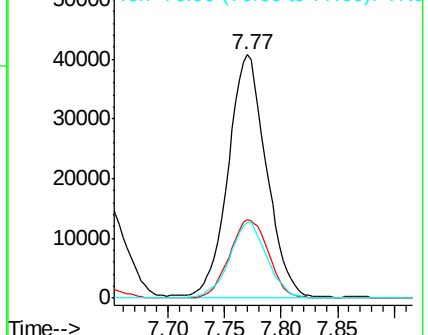
77 30.3 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

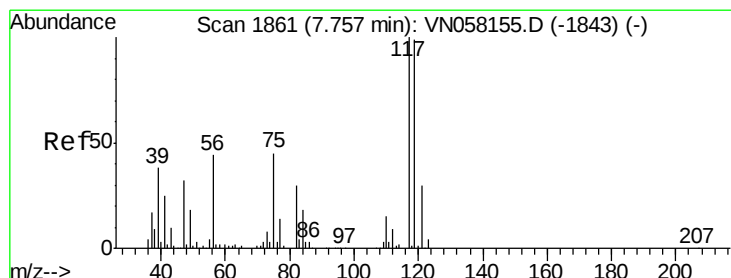
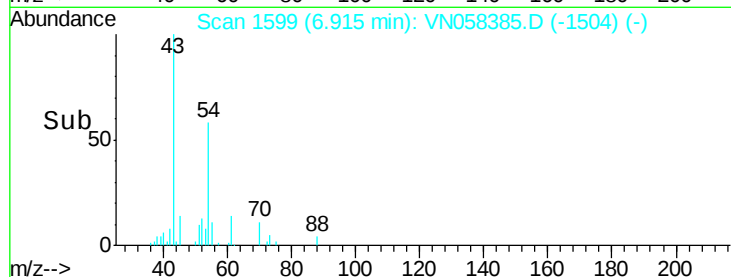
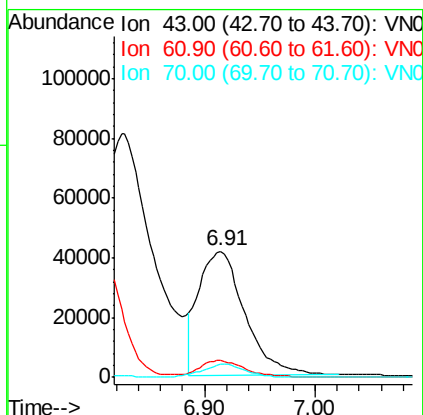
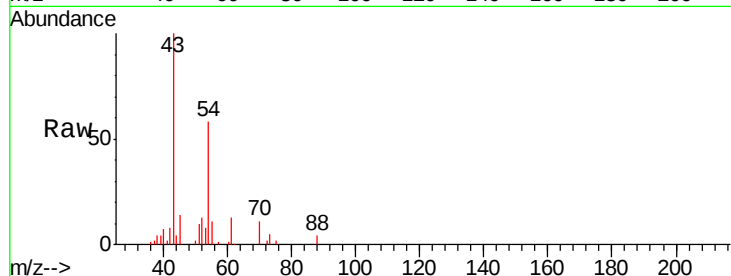




#37
Ethyl Acetate
Concen: 21.064 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

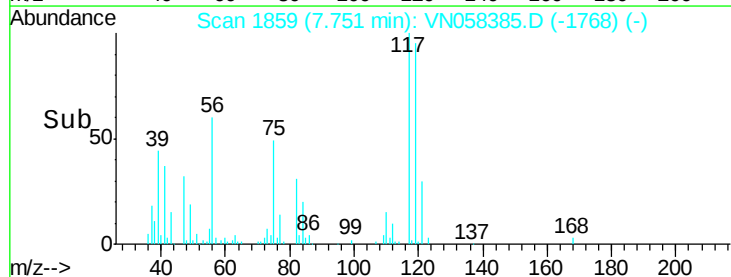
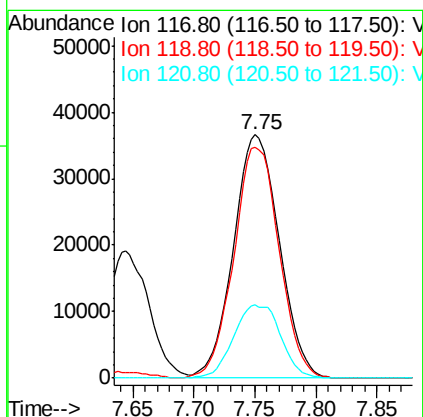
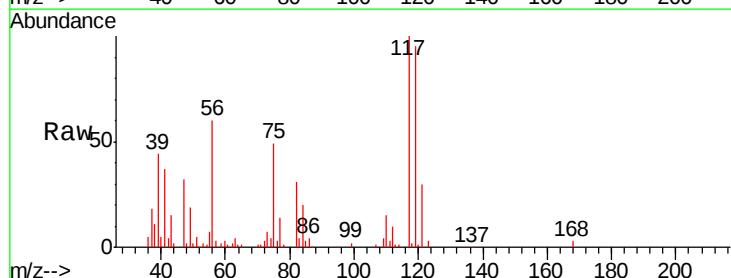
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

Tgt Ion: 43 Resp: 120034
Ion Ratio Lower Upper
43 100
61 12.9 10.7 16.1
70 10.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.257 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 117 Resp: 95255
Ion Ratio Lower Upper
117 100
119 95.0 78.6 117.8
121 29.9 24.1 36.1

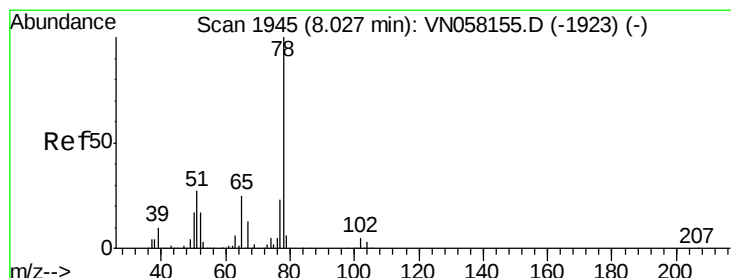
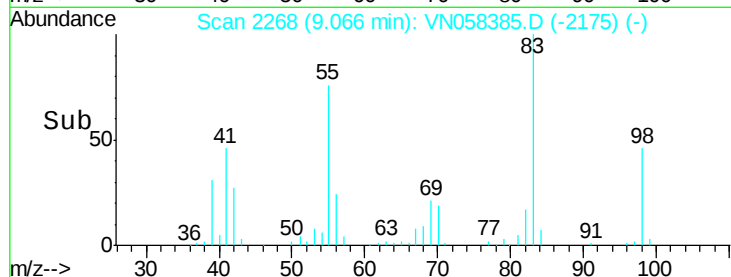
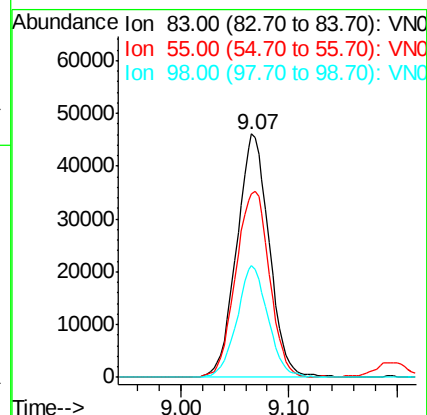
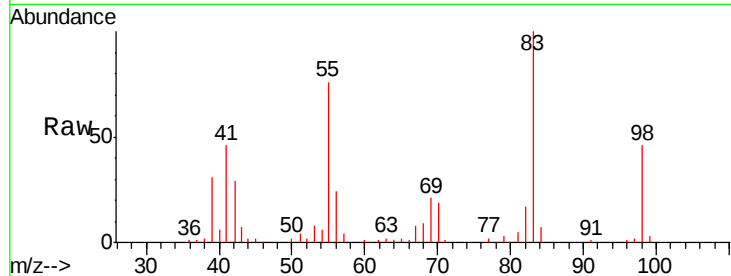




#39
Methylcyclohexane
Concen: 18.230 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

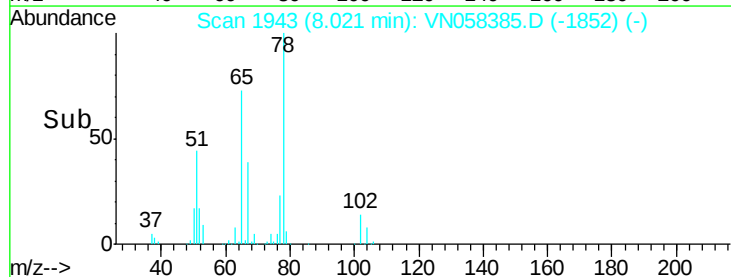
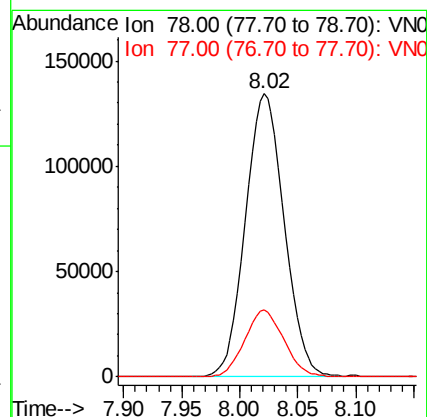
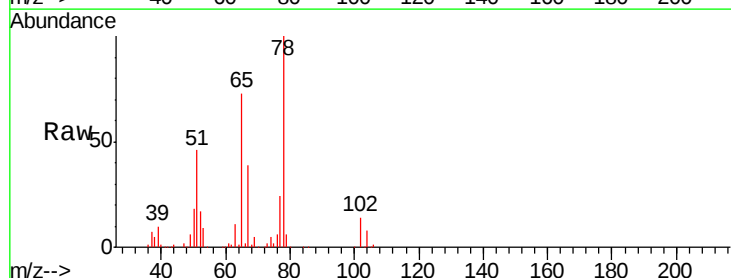
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

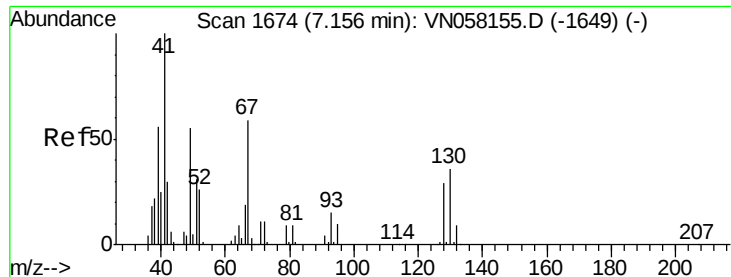
Tgt Ion: 83 Resp: 96547
Ion Ratio Lower Upper
83 100
55 75.5 61.9 92.9
98 46.0 35.4 53.2



#40
Benzene
Concen: 18.689 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 78 Resp: 313449
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 19.115 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

Tgt Ion: 41 Resp: 53229

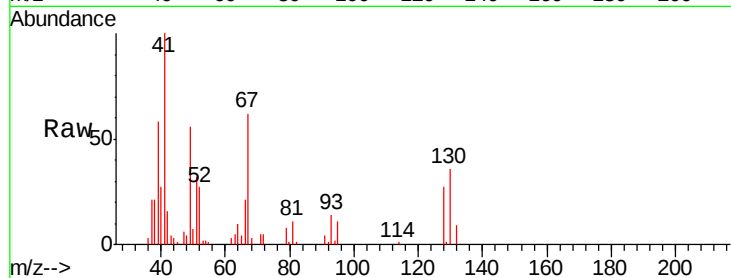
Ion Ratio Lower Upper

41 100

39 57.3 0.0 0.0#

67 89.6 0.0 0.0#

52 37.6 0.0 0.0#

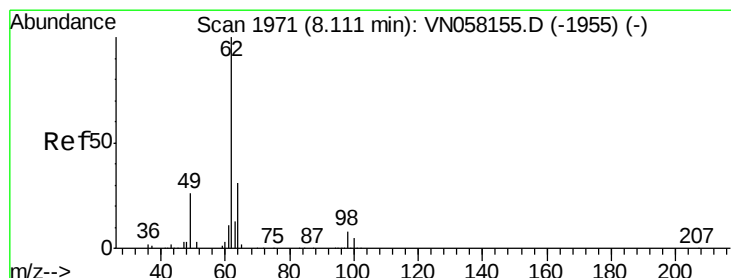
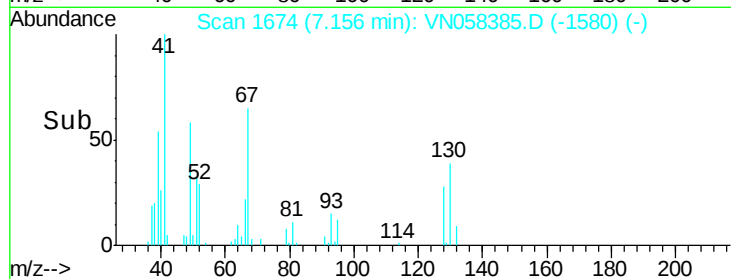
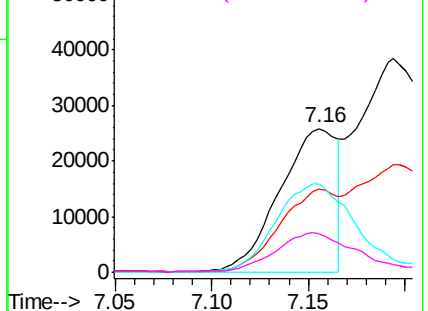


Abundance Ion 41.00 (40.70 to 41.70): VN0

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



#42

1,2-Dichloroethane

Concen: 19.108 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VN058385.D

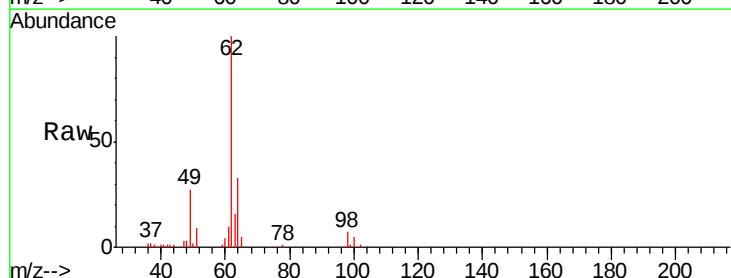
Acq: 26 Sep 2019 14:58

Tgt Ion: 62 Resp: 134472

Ion Ratio Lower Upper

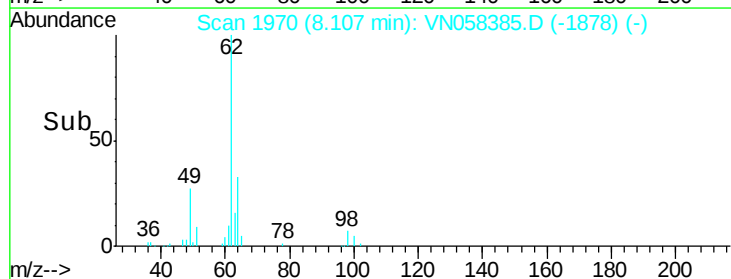
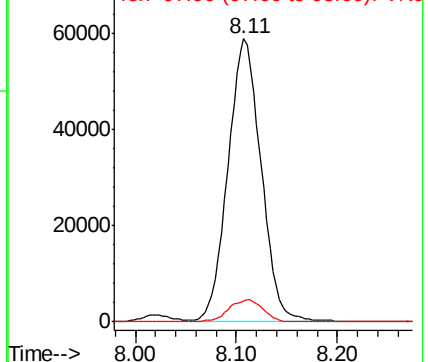
62 100

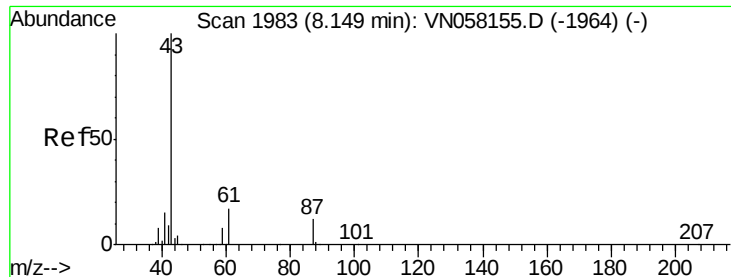
98 8.1 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 25.788 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

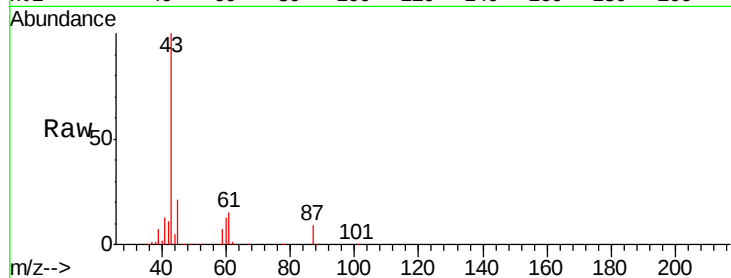
Tgt Ion: 43 Resp: 274450

Ion Ratio Lower Upper

43 100

61 13.4 19.7 29.5#

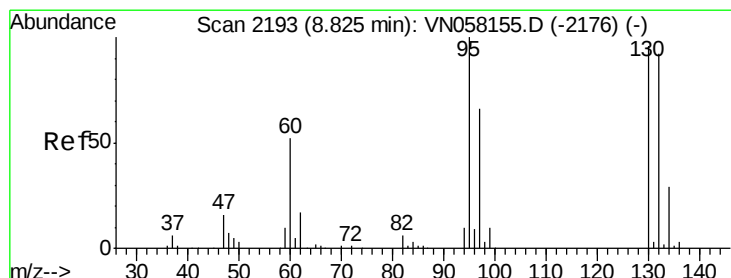
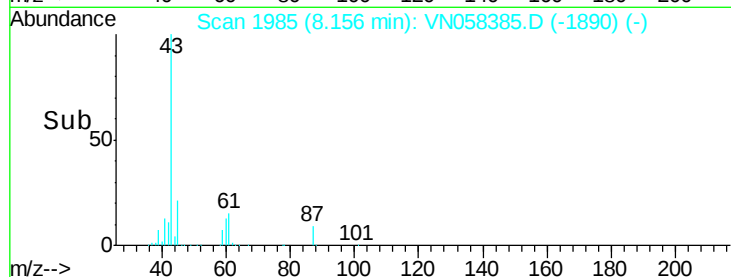
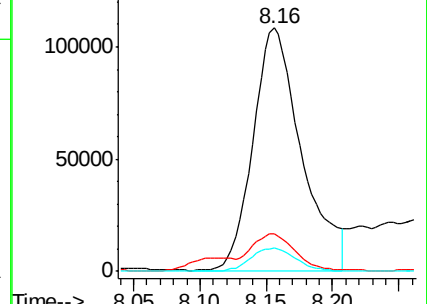
87 8.9 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058385.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058385.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058385.D (-1890) (-)



#44

Trichloroethene

Concen: 18.472 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058385.D

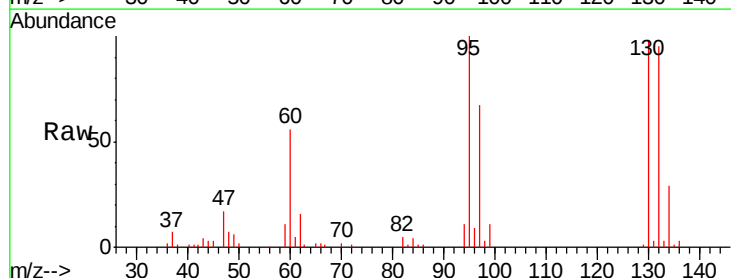
Acq: 26 Sep 2019 14:58

Tgt Ion: 130 Resp: 75813

Ion Ratio Lower Upper

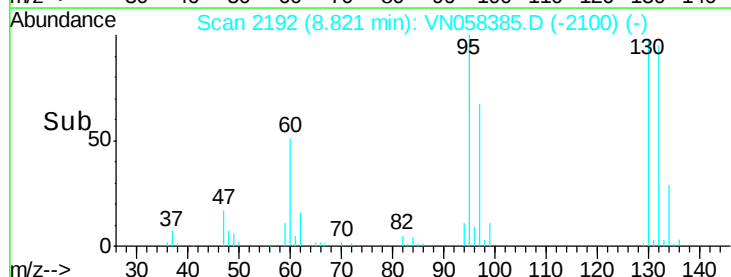
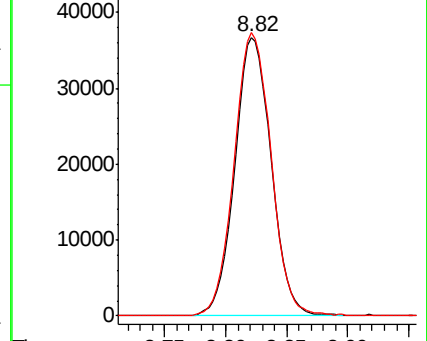
130 100

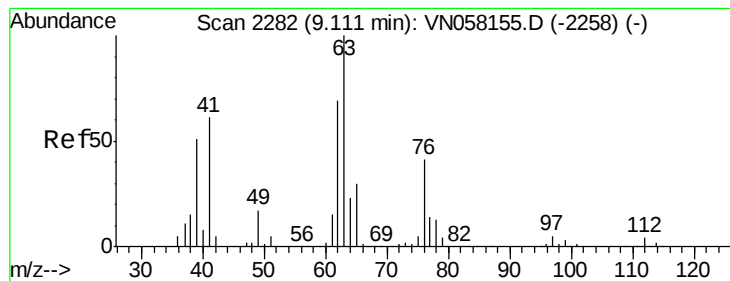
95 101.6 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058385.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058385.D (-2100) (-)





#45

1,2-Dichloropropane

Concen: 20.064 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

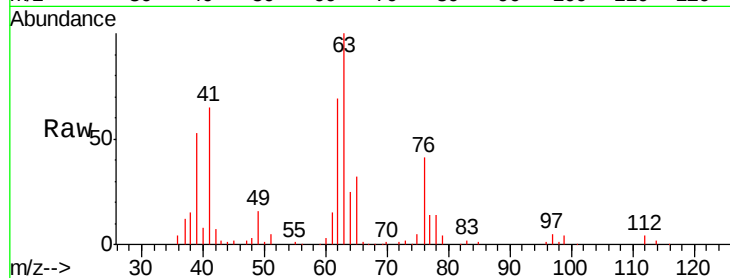
VN0926WBS02

Tgt Ion: 63 Resp: 100493

Ion Ratio Lower Upper

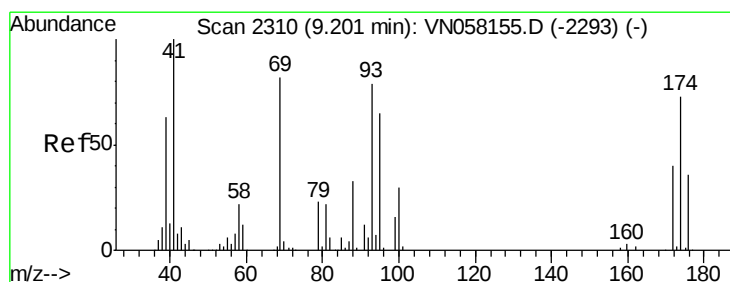
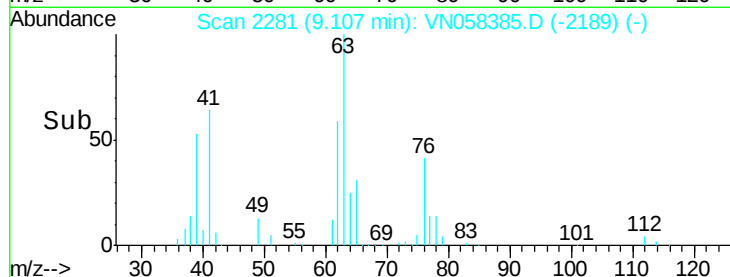
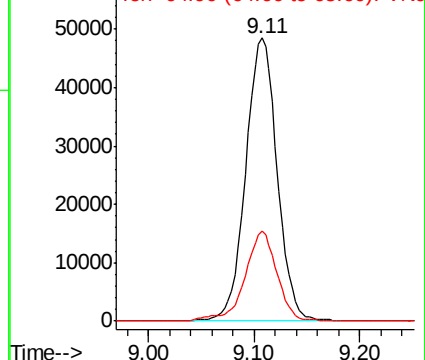
63 100

65 31.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.032 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

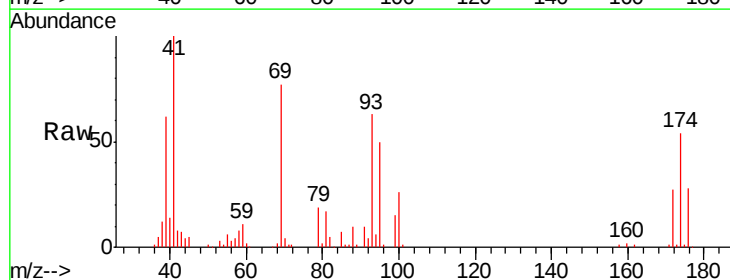
Tgt Ion: 93 Resp: 57956

Ion Ratio Lower Upper

93 100

95 82.0 66.8 100.2

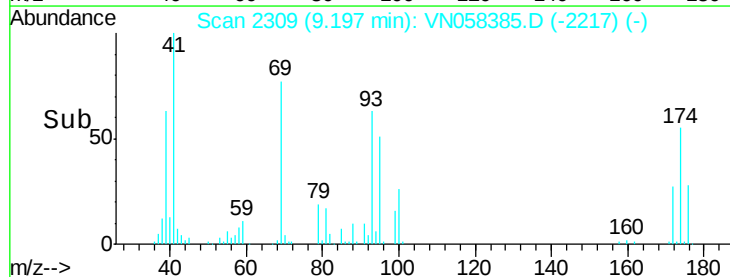
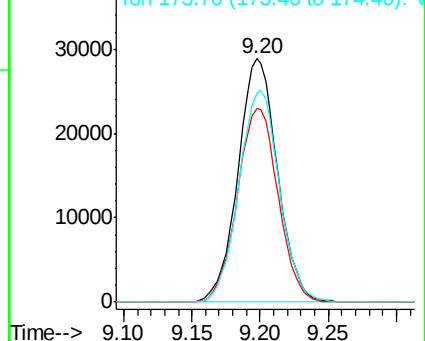
174 89.0 73.8 110.8

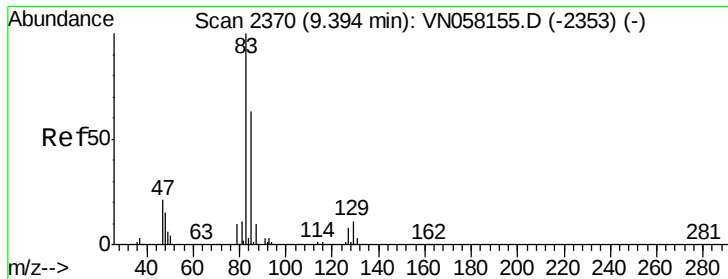


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.119 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

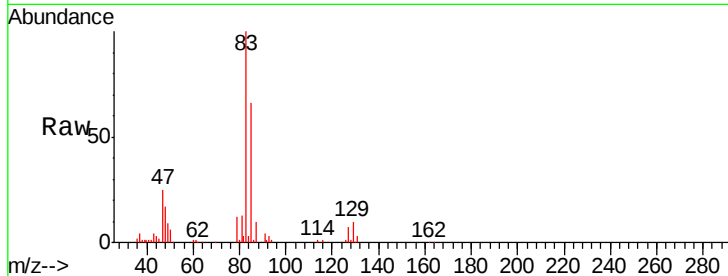
Tgt Ion: 83 Resp: 115589

Ion Ratio Lower Upper

83 100

85 65.7 50.1 75.1

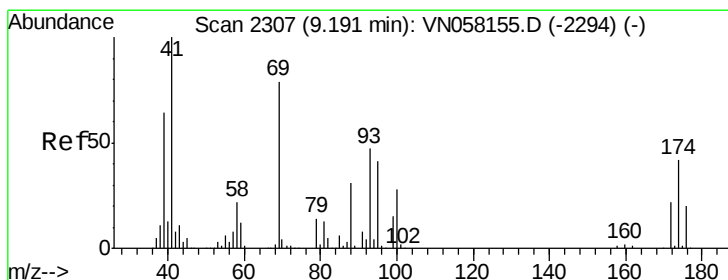
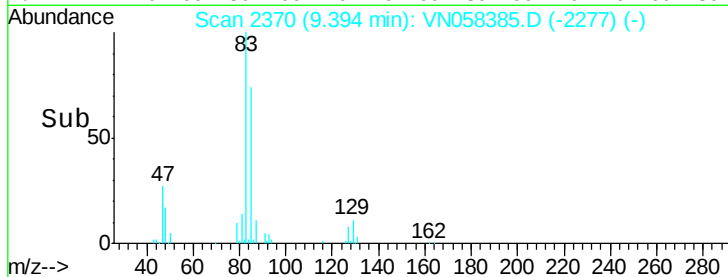
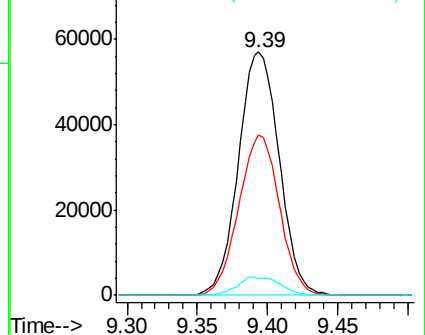
127 7.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.541 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

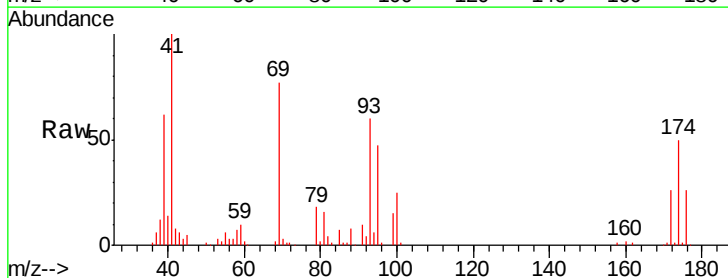
Tgt Ion: 41 Resp: 94424

Ion Ratio Lower Upper

41 100

69 79.7 62.5 93.7

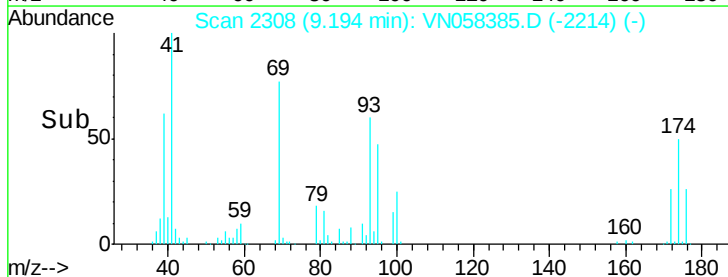
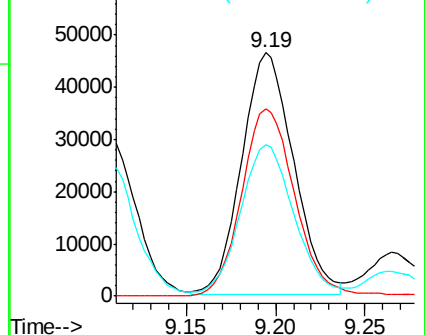
39 64.6 52.3 78.5

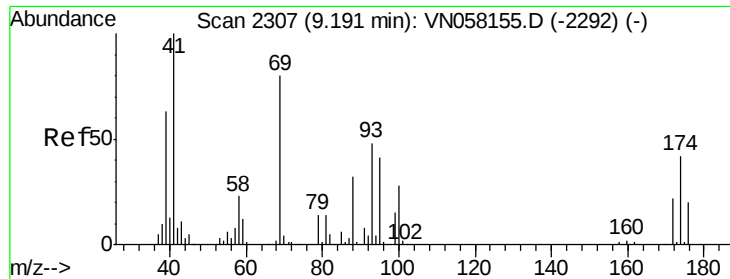


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

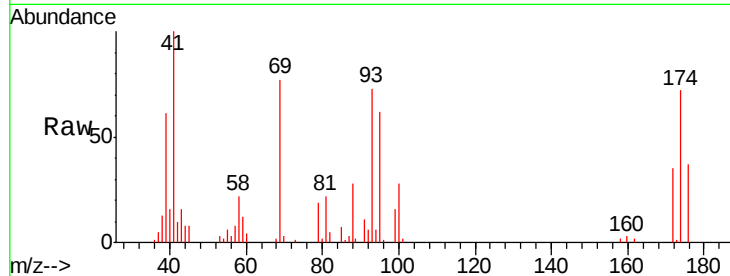




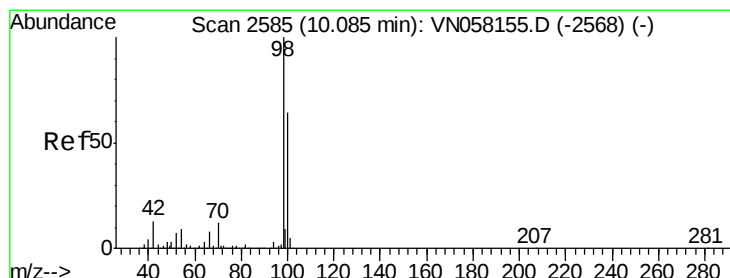
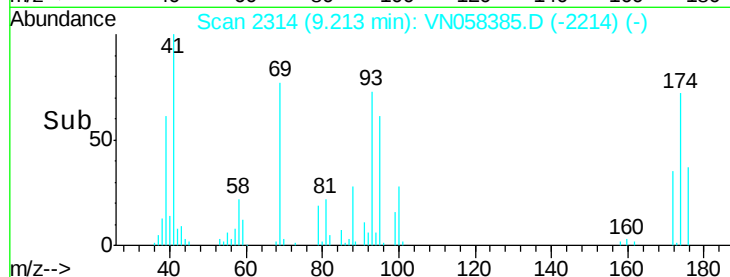
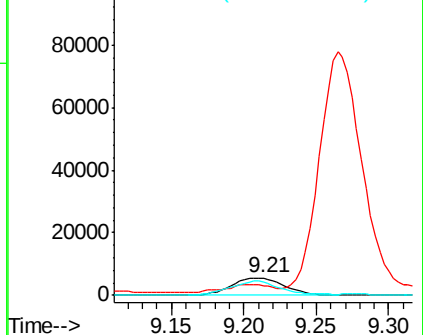
#49
 1,4-Dioxane
 Concen: 179.087 ug/l
 RT: 9.21 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Tgt Ion: 88 Resp: 14208
 Ion Ratio Lower Upper
 88 100
 43 37.8 27.8 41.8
 58 77.1 55.0 82.4

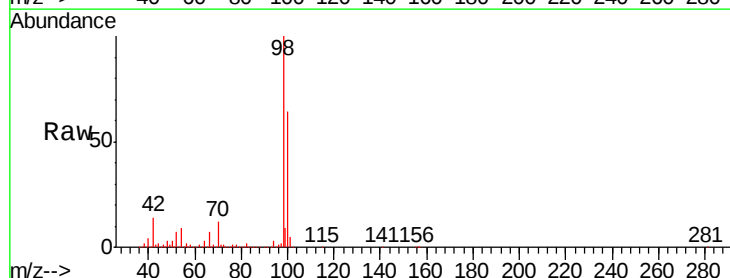


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

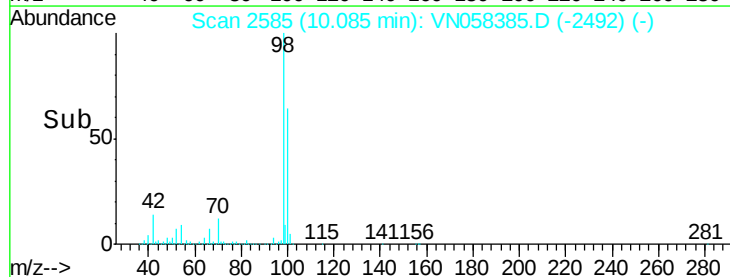
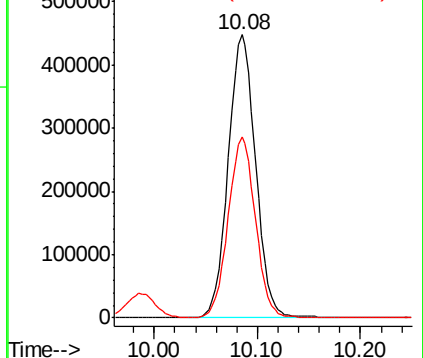


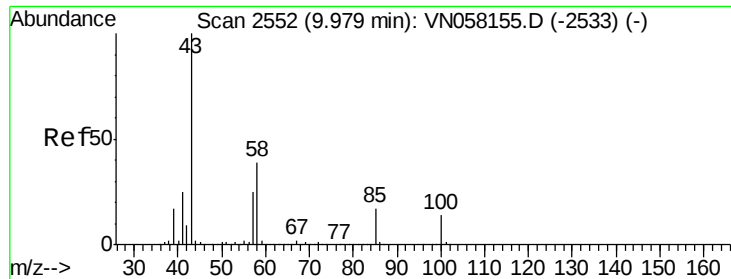
#50
 Toluene-d8
 Concen: 45.976 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion: 98 Resp: 829185
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.1 76.7



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

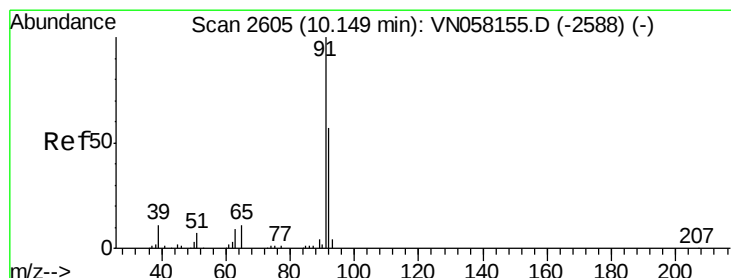
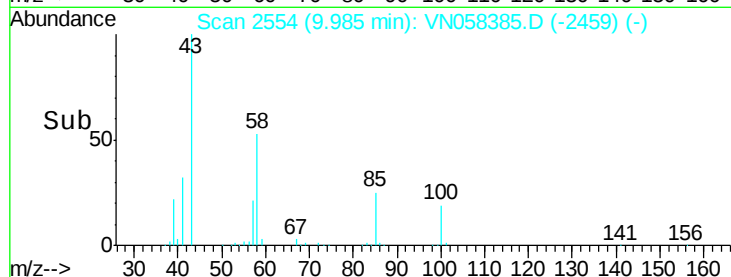
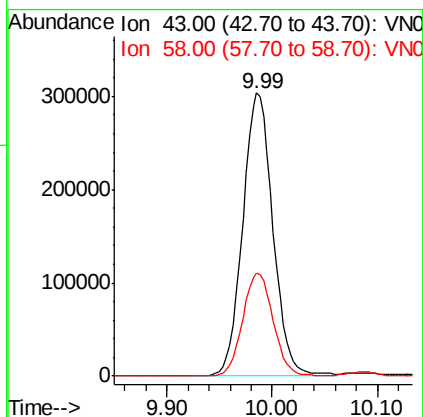
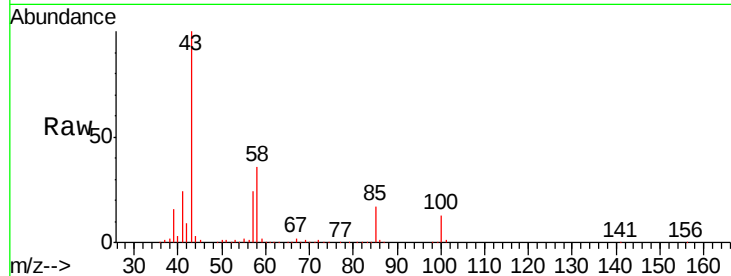




#51
 4-Methyl-2-Pentanone
 Concen: 105.932 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.01 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

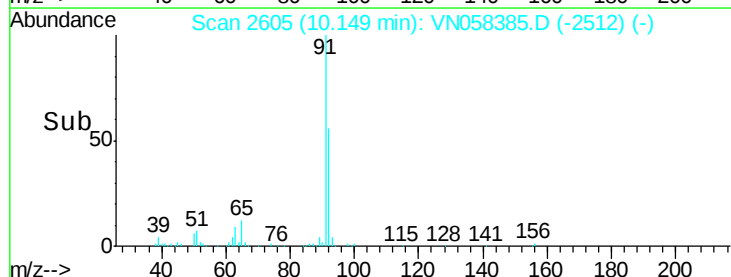
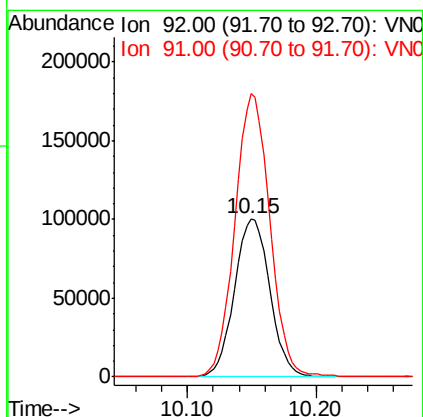
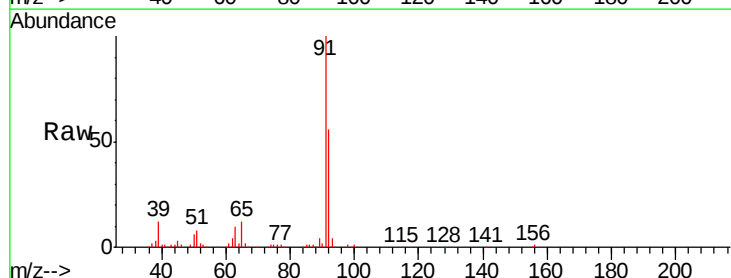
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Tgt Ion: 43 Resp: 598823
 Ion Ratio Lower Upper
 43 100
 58 37.1 30.2 45.4



#52
 Toluene
 Concen: 18.249 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion: 92 Resp: 191813
 Ion Ratio Lower Upper
 92 100
 91 176.9 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 18.588 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

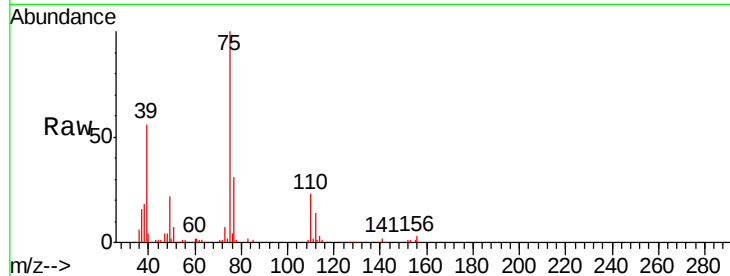
VN0926WBS02

Tgt Ion: 75 Resp: 121468

Ion Ratio Lower Upper

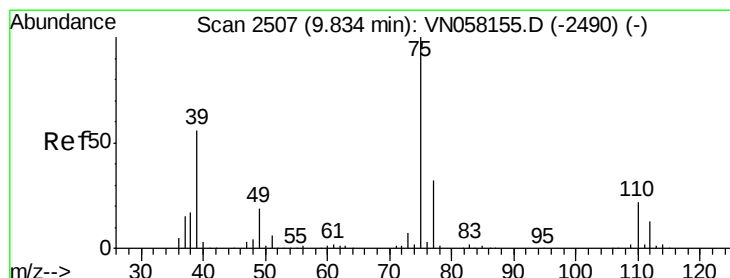
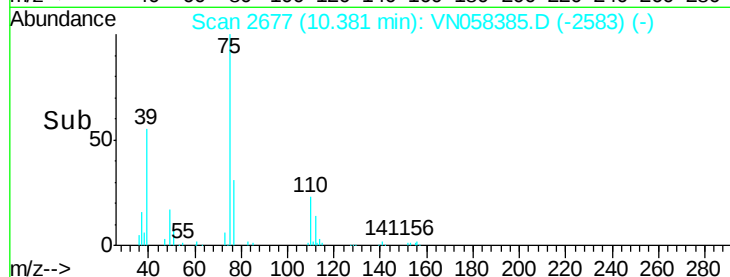
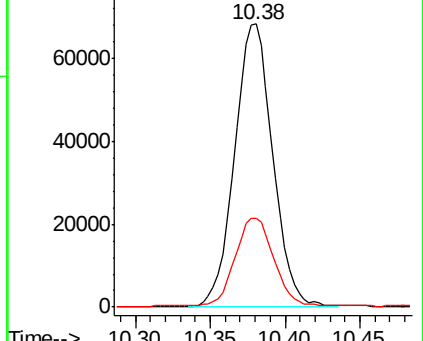
75 100

77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.557 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

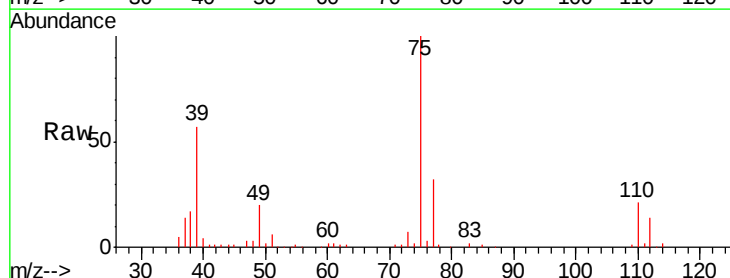
Tgt Ion: 75 Resp: 133887

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0

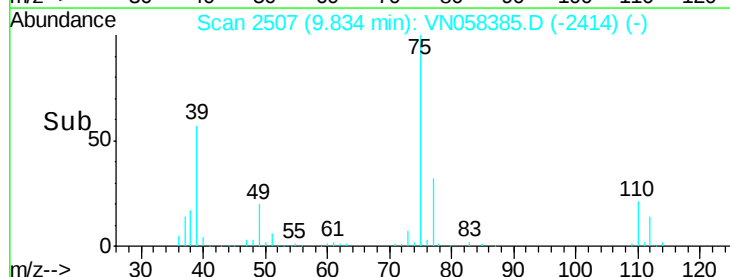
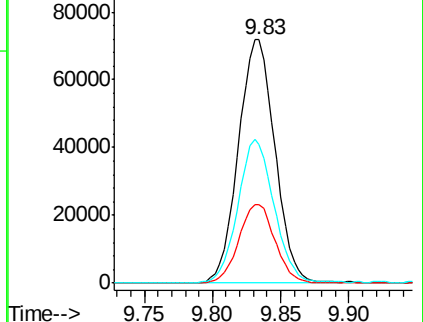
39 56.9 45.0 67.6

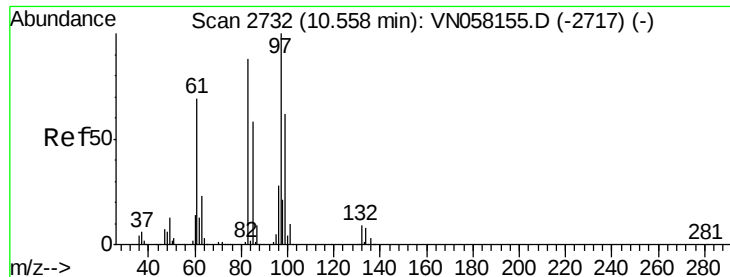


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

Tgt Ion: 97 Resp: 93523

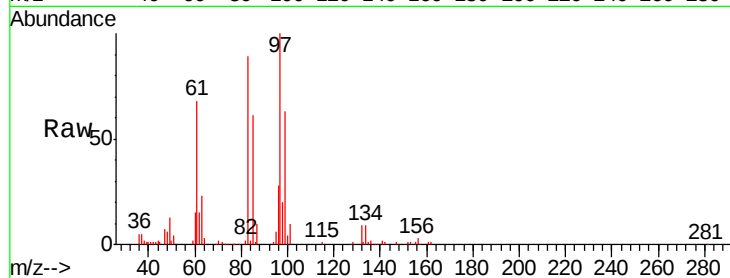
Ion Ratio Lower Upper

97 100

83 89.4 70.4 105.6

85 61.0 46.8 70.2

99 63.5 49.9 74.9

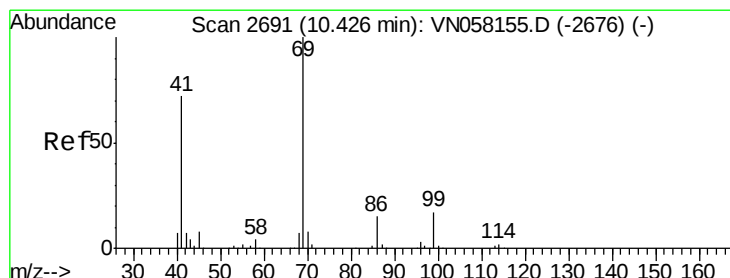
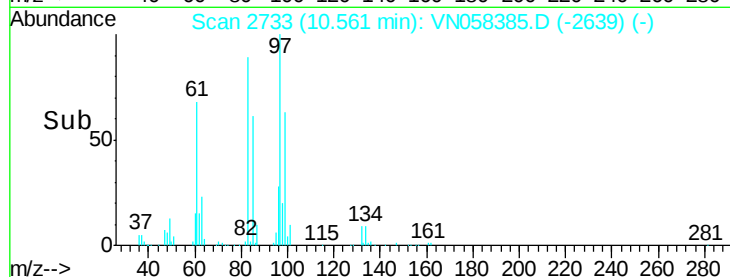
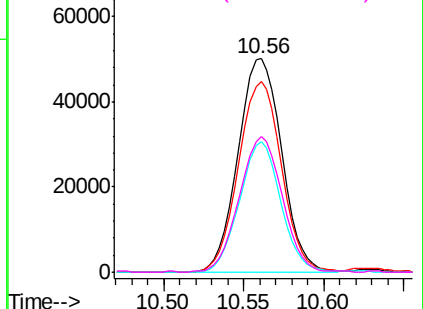


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 19.043 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

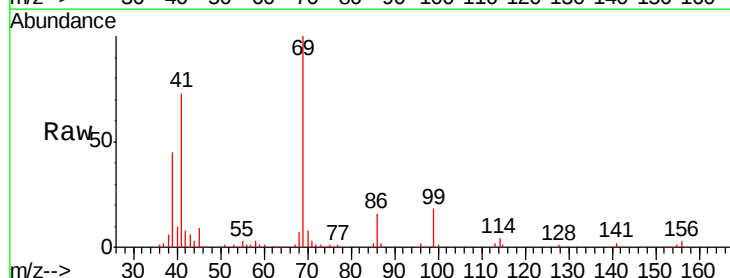
Tgt Ion: 69 Resp: 128162

Ion Ratio Lower Upper

69 100

41 72.2 57.5 86.3

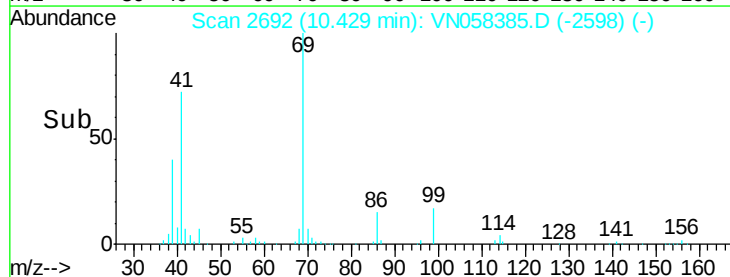
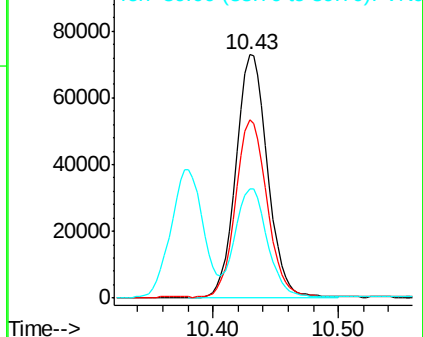
39 44.7 36.1 54.1



Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

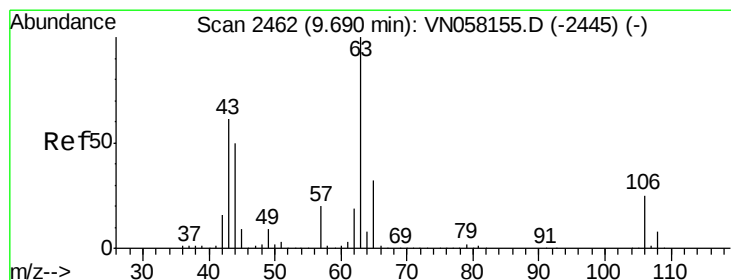
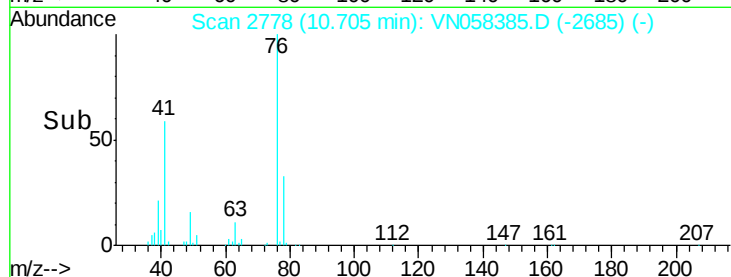
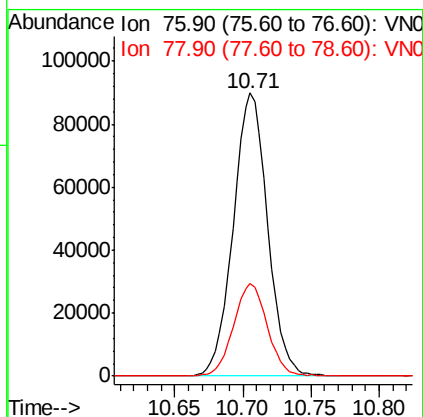
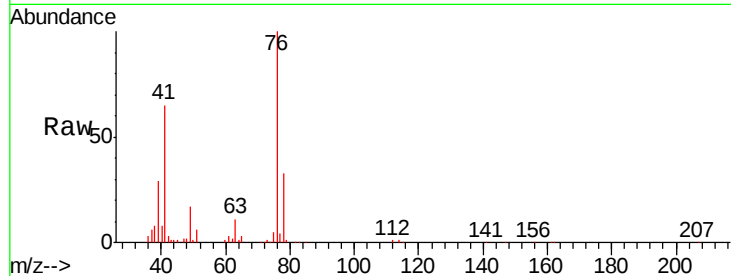




#57
 1,3-Dichloropropane
 Concen: 19.578 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

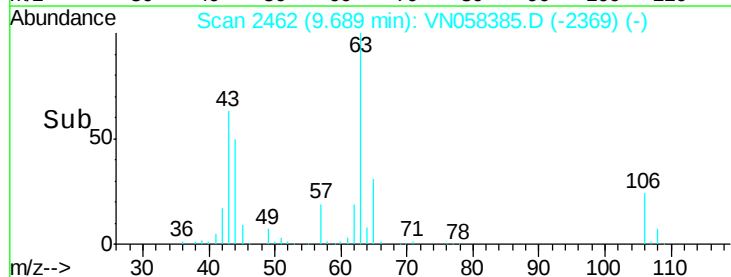
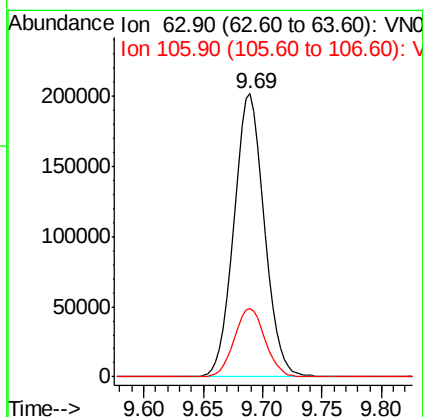
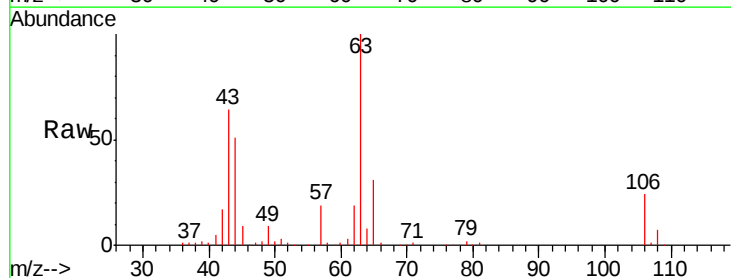
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

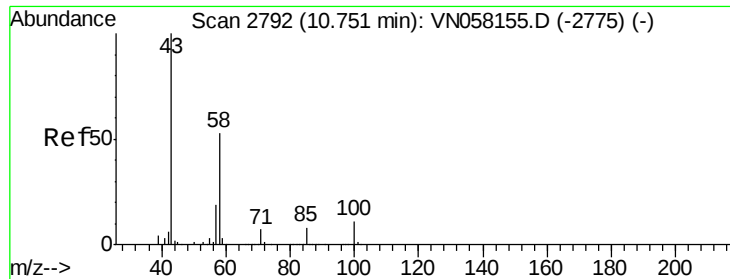
Tgt Ion: 76 Resp: 156995
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.560 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion: 63 Resp: 357632
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.9 29.9

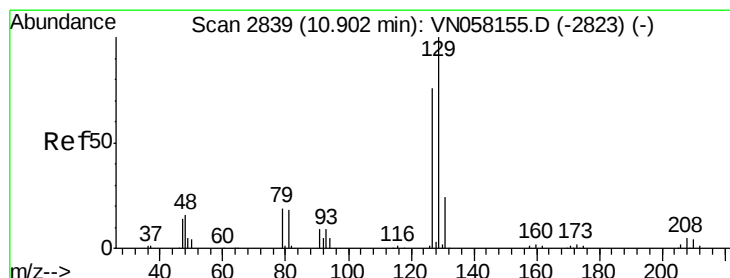
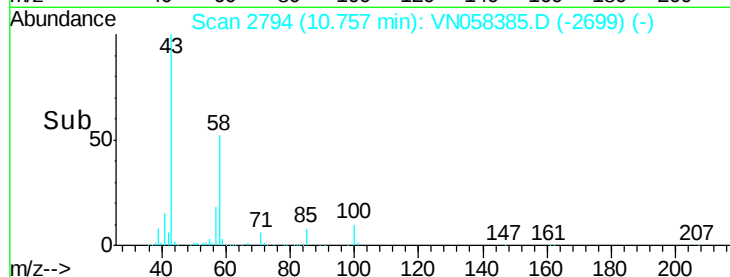
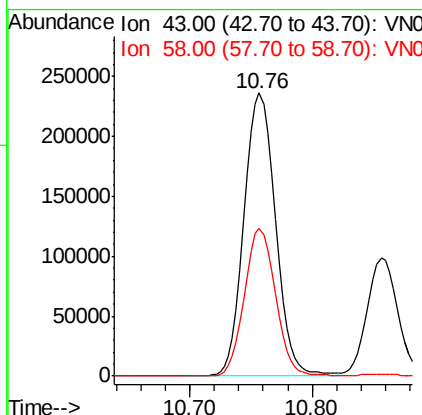
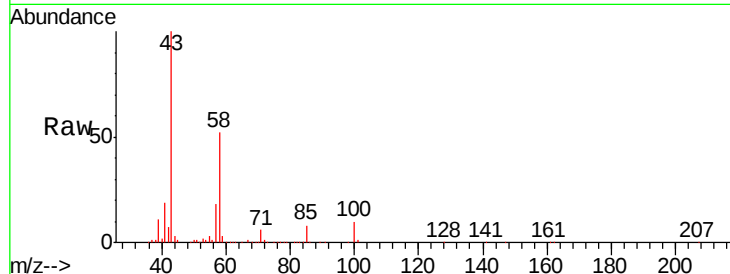




#59
2-Hexanone
Concen: 99.541 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

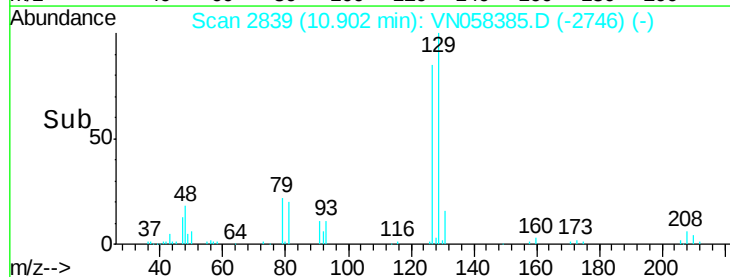
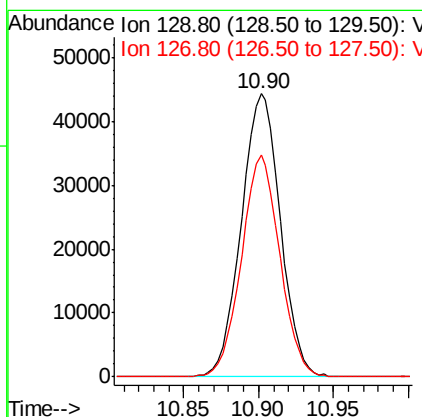
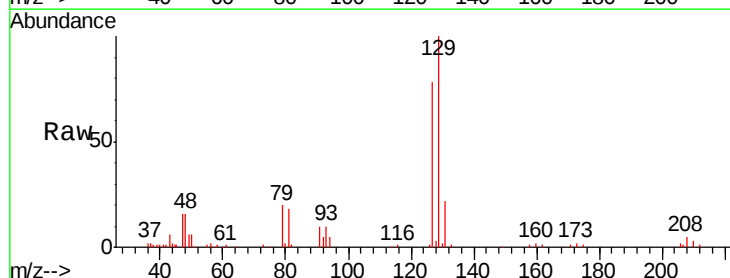
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

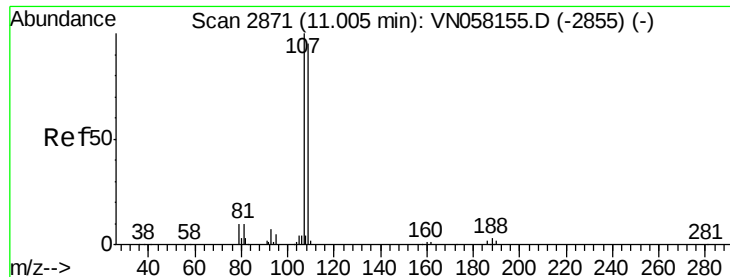
Tgt Ion: 43 Resp: 417910
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0



#60
Dibromochloromethane
Concen: 17.928 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 129 Resp: 80452
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

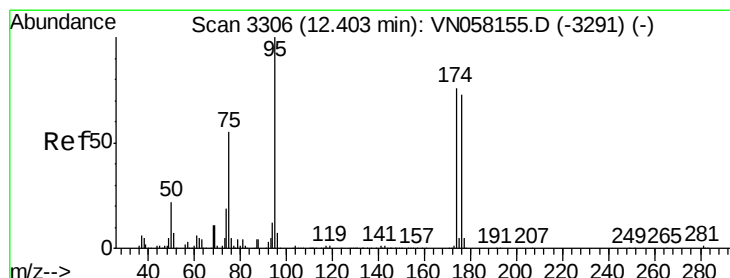
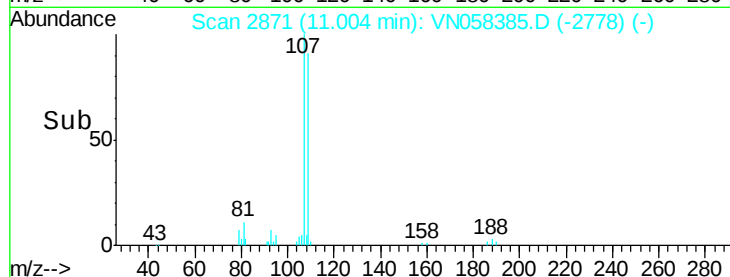
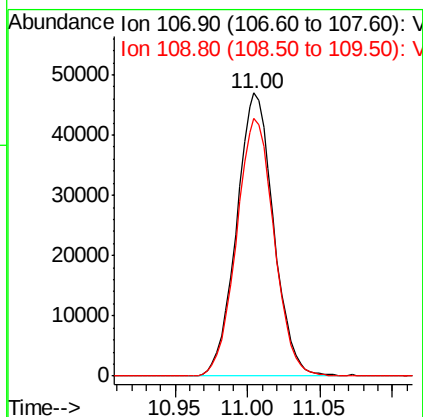
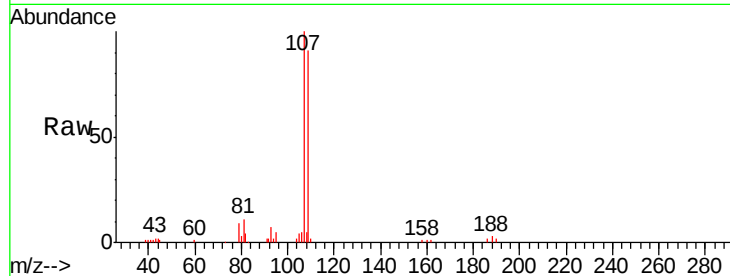




#61
 1,2-Dibromoethane
 Concen: 19.279 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

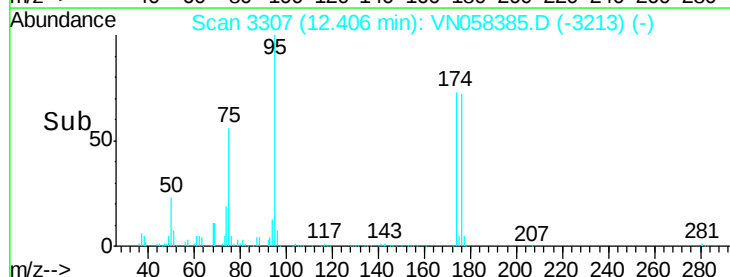
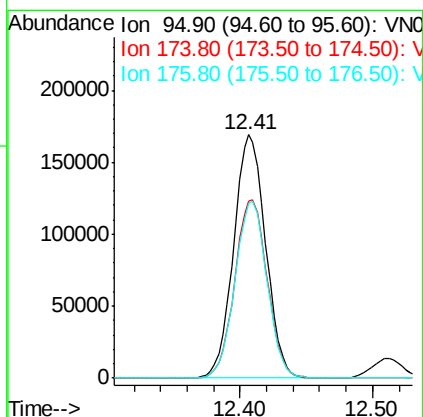
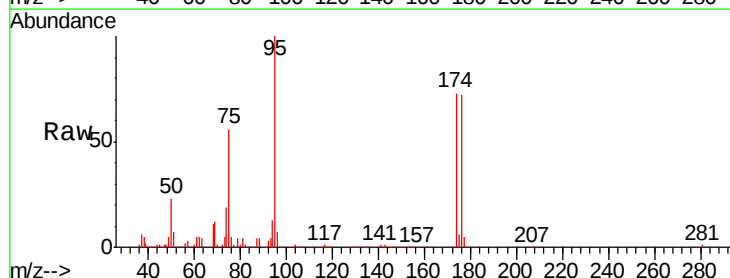
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

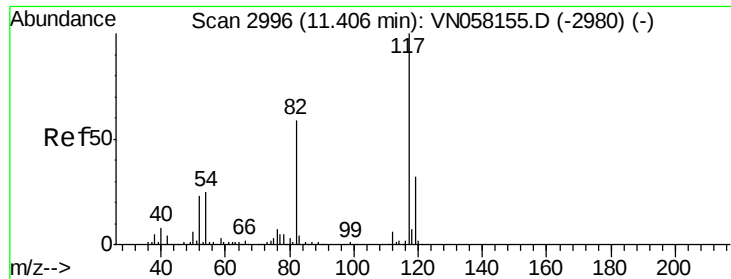
Tgt Ion: 107 Resp: 83339
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 42.263 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion: 95 Resp: 283137
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 152.2
 176 73.0 0.0 148.0

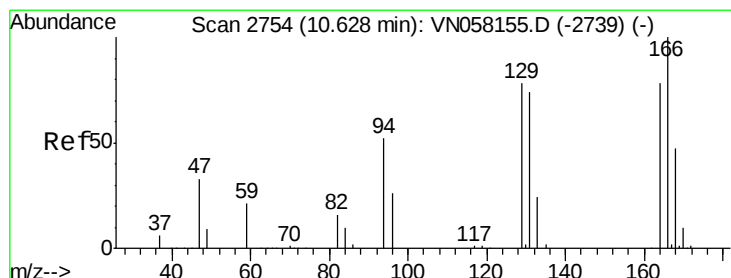
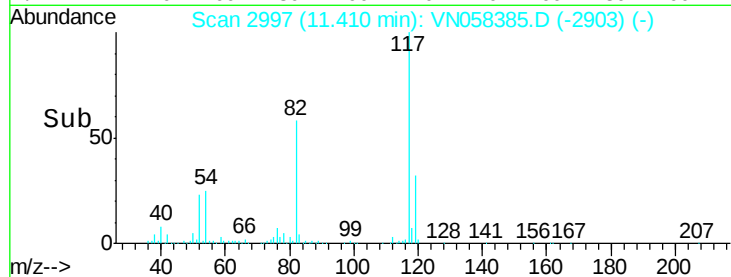
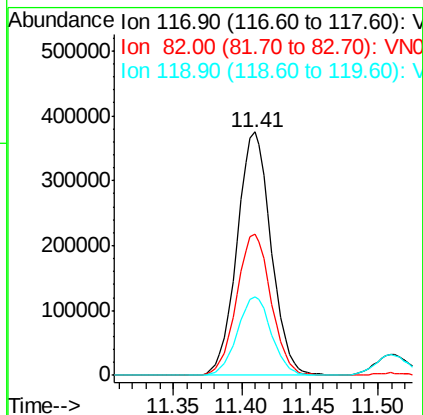
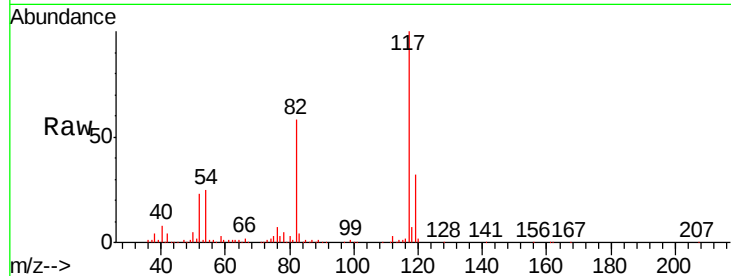




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

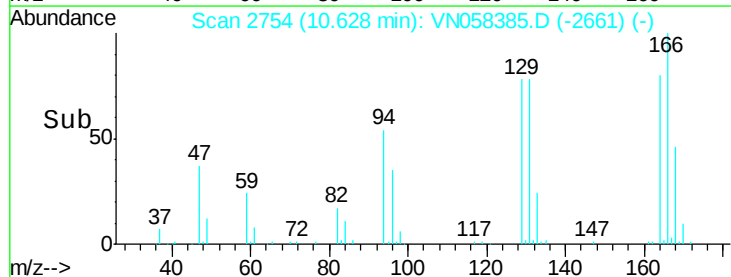
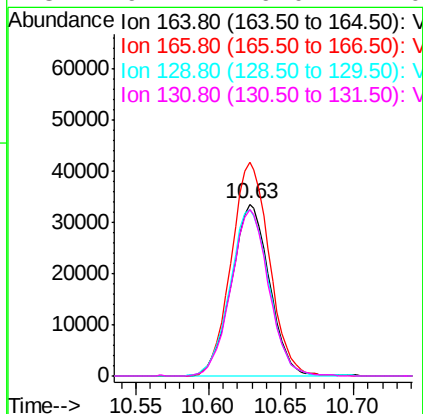
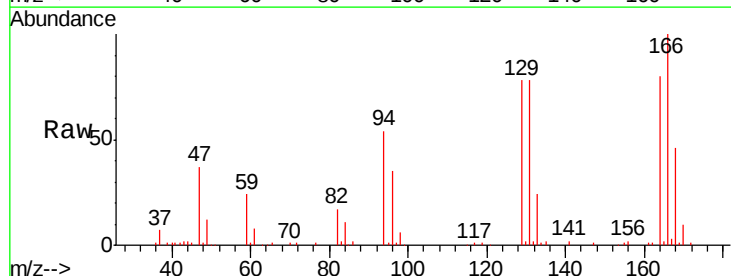
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

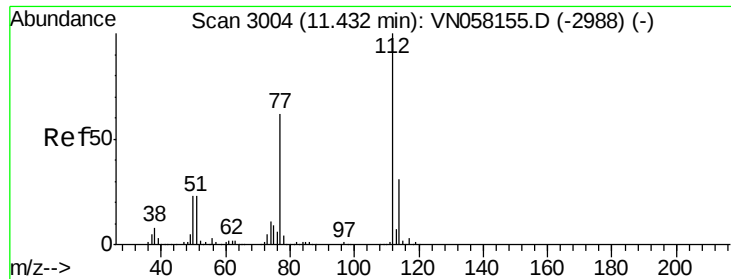
Tgt Ion:117 Resp: 648987
Ion Ratio Lower Upper
117 100
82 58.1 46.9 70.3
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 19.357 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion:164 Resp: 61238
Ion Ratio Lower Upper
164 100
166 124.3 102.2 153.4
129 96.1 79.6 119.4
131 97.1 76.0 114.0

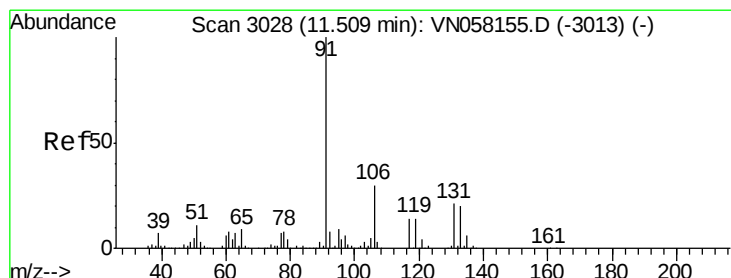
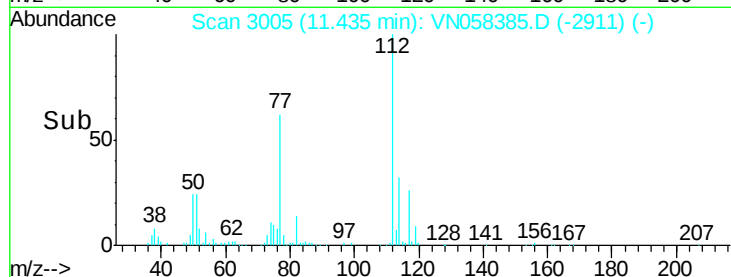
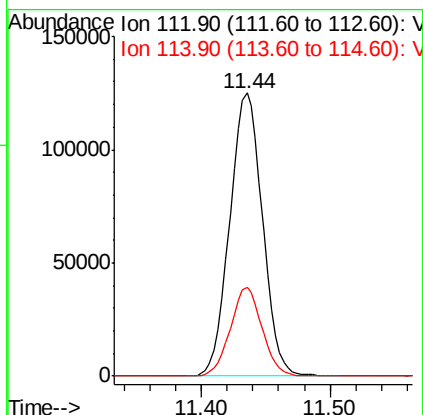
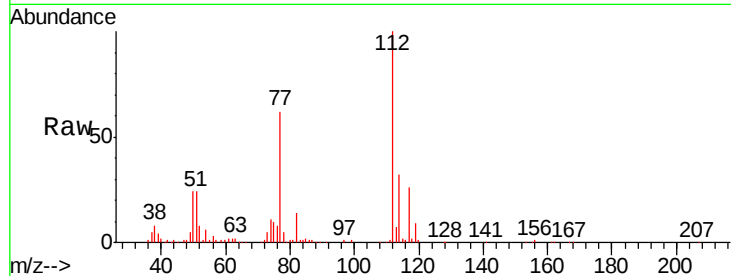




#65
Chlorobenzene
Concen: 19.300 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

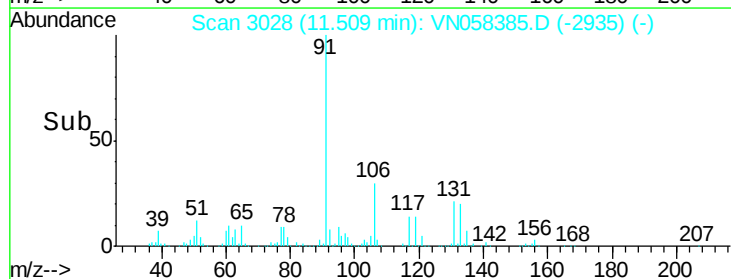
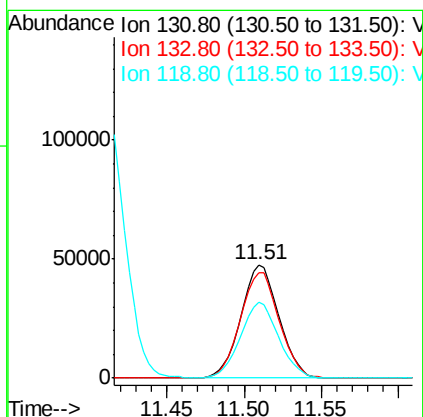
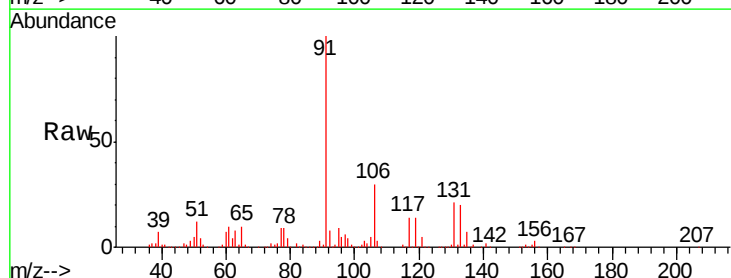
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

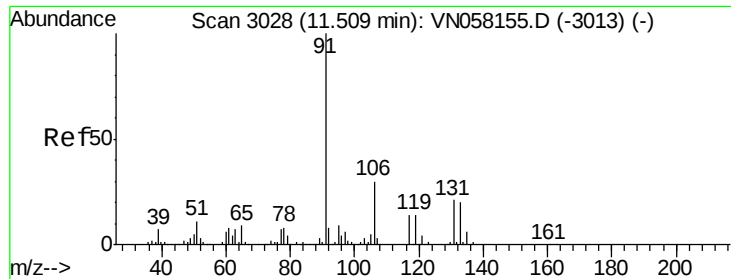
Tgt Ion:112 Resp: 220315
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.668 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion:131 Resp: 81410
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 67.3 33.1 99.3

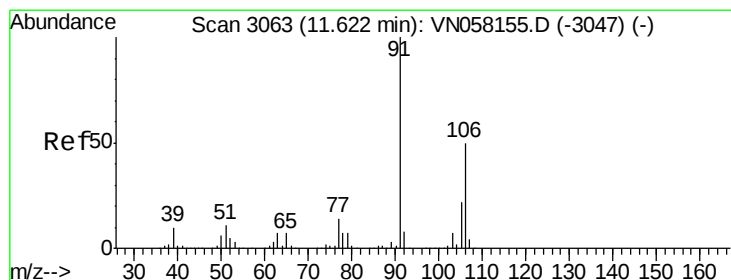
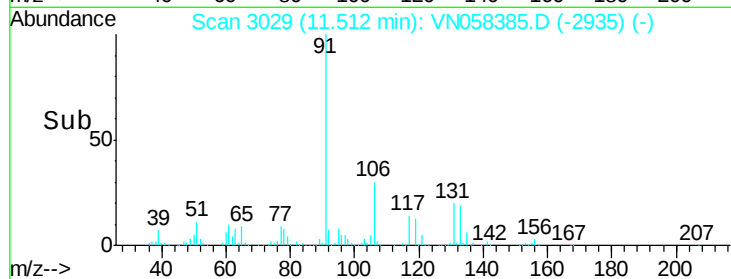
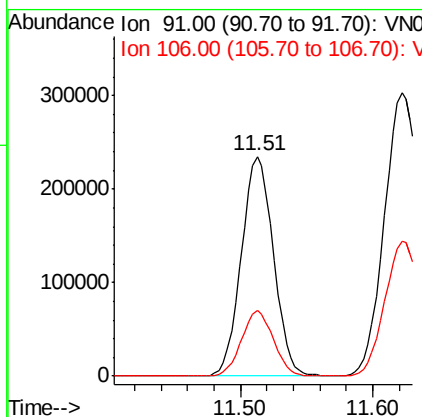
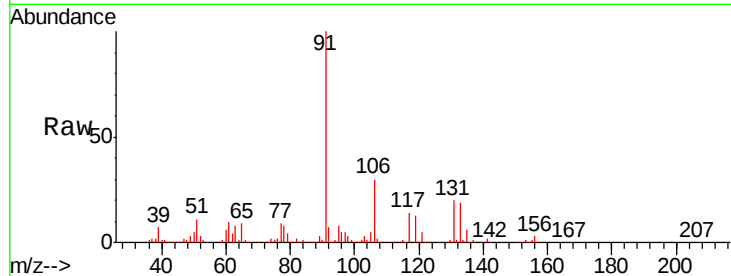




#67
Ethyl Benzene
Concen: 20.254 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

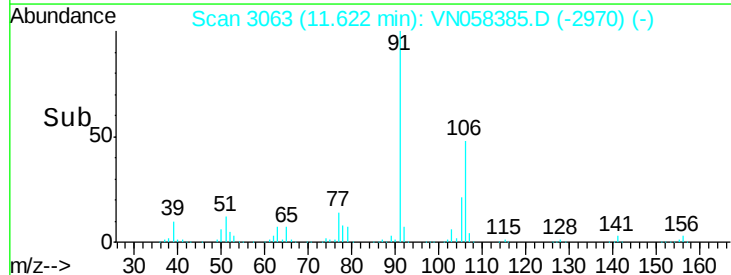
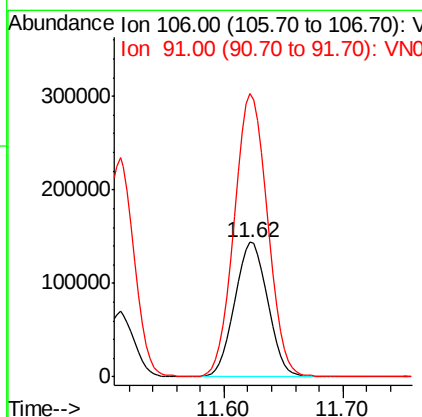
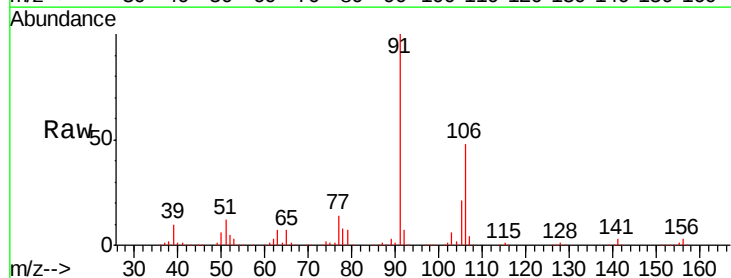
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

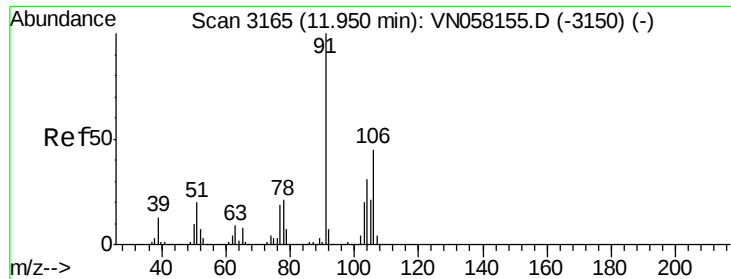
Tgt Ion: 91 Resp: 396162
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 37.741 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 106 Resp: 278030
Ion Ratio Lower Upper
106 100
91 211.4 163.6 245.4

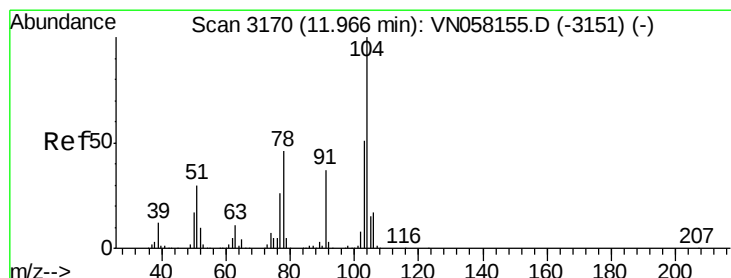
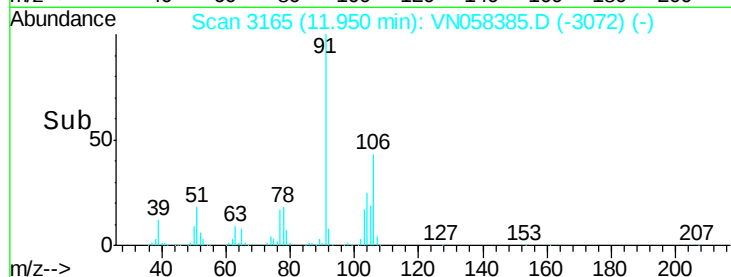
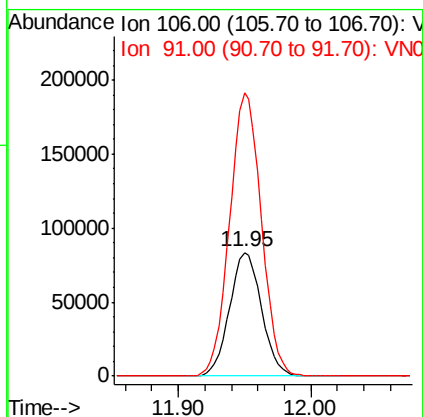
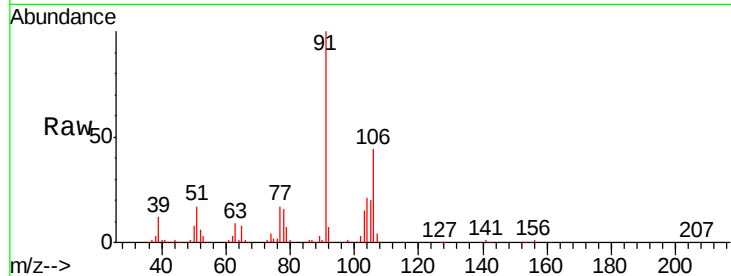




#69
o-Xylene
Concen: 19.295 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

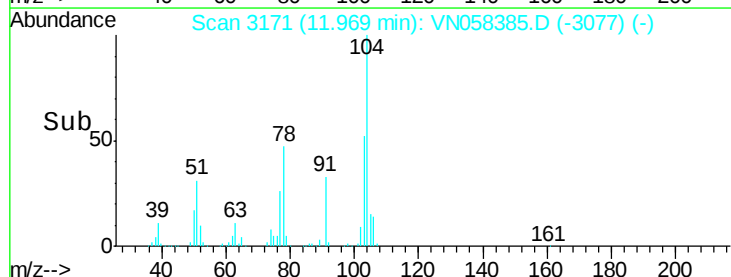
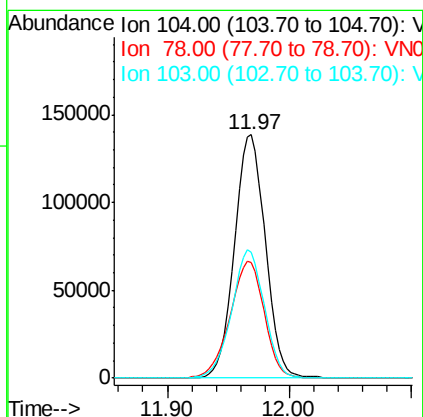
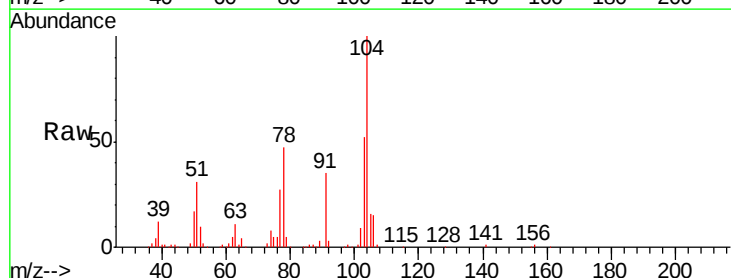
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

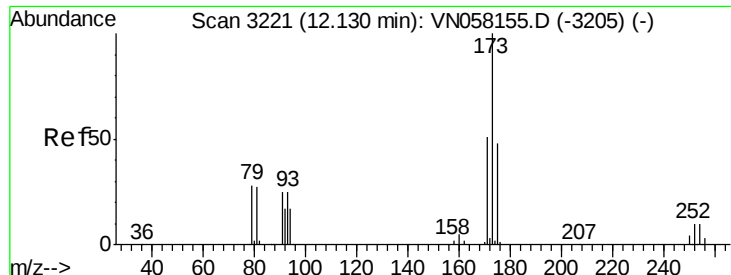
Tgt Ion:106 Resp: 139766
Ion Ratio Lower Upper
106 100
91 227.4 111.8 335.3



#70
Styrene
Concen: 19.489 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion:104 Resp: 243236
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 56.0 44.2 66.2

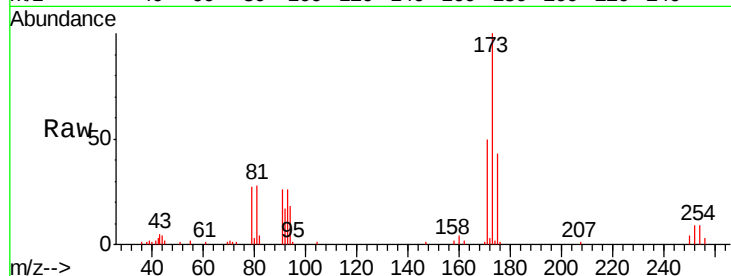




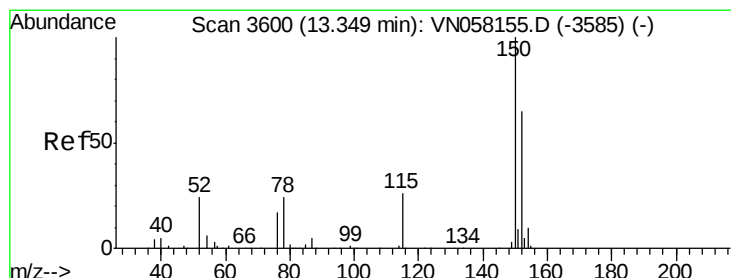
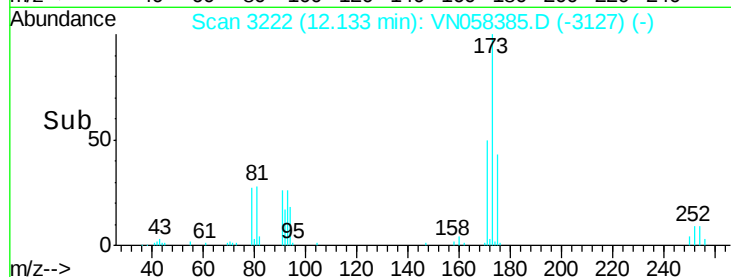
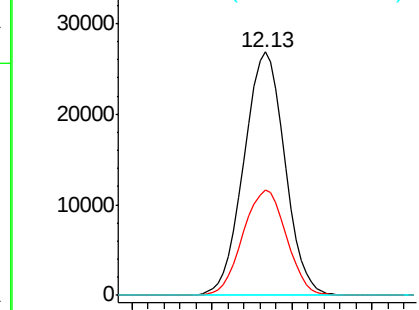
#71
Bromoform
Concen: 17.786 ug/l
RT: 12.13 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Tgt Ion:173 Resp: 46922
Ion Ratio Lower Upper
173 100
175 45.9 24.2 72.6
254 0.0 0.1 0.1#

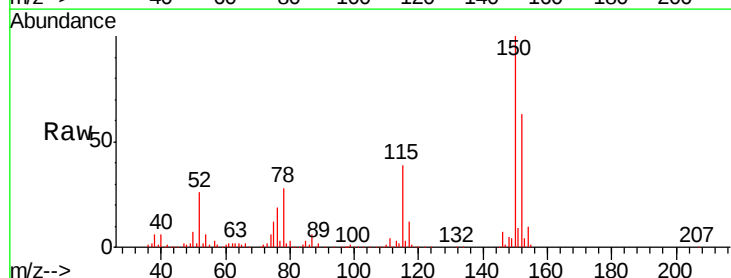


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

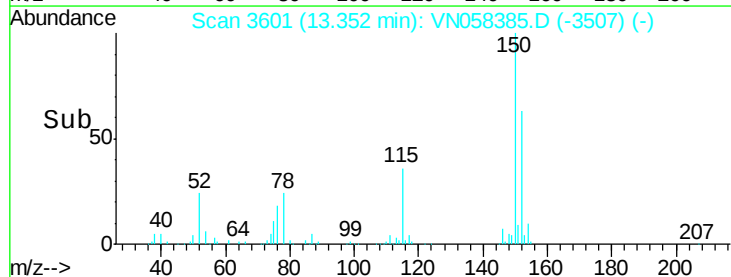
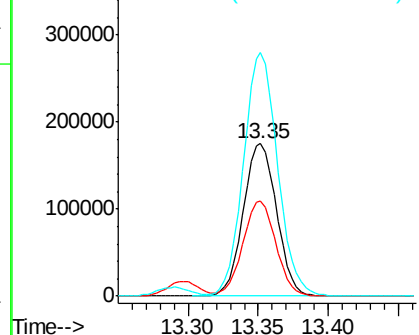


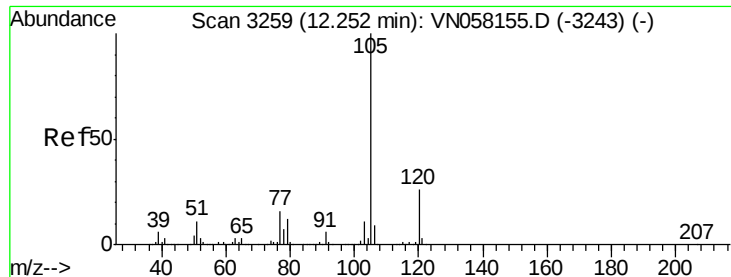
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion:152 Resp: 291482
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 162.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.799 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

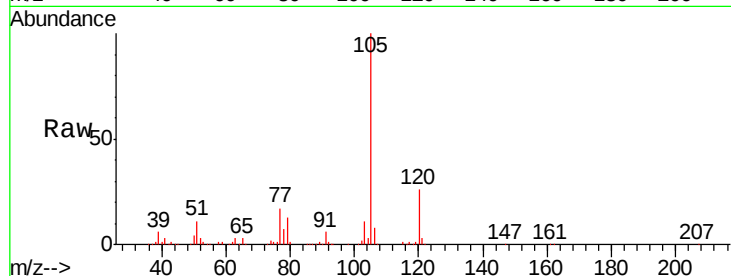
VN0926WBS02

Tgt Ion:105 Resp: 397724

Ion Ratio Lower Upper

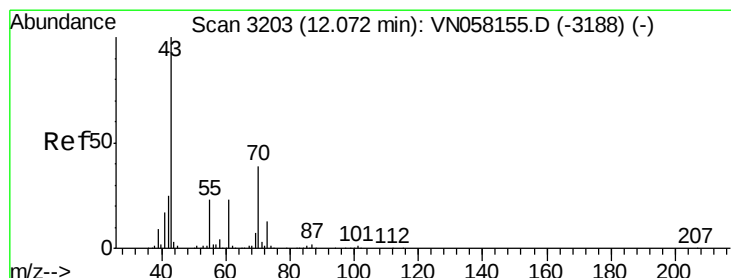
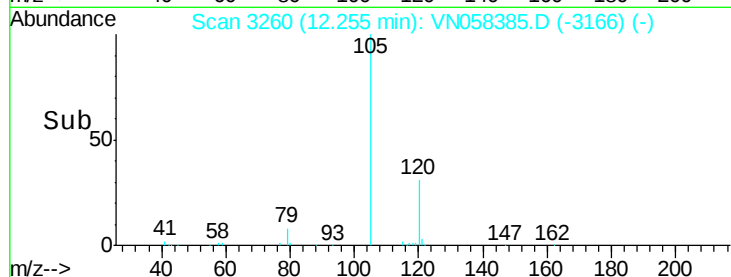
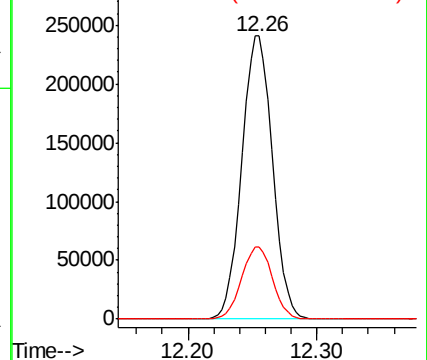
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.580 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Tgt Ion: 43 Resp: 172347

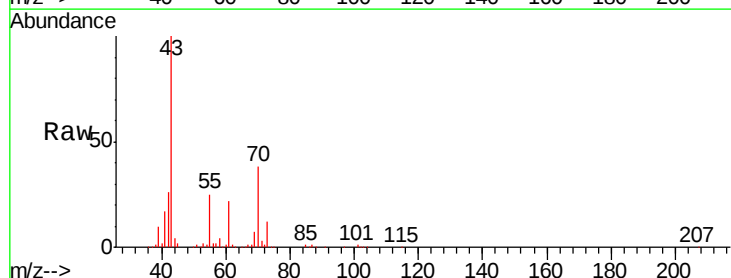
Ion Ratio Lower Upper

43 100

70 38.9 31.0 46.6

55 24.9 18.5 27.7

61 22.2 18.2 27.2

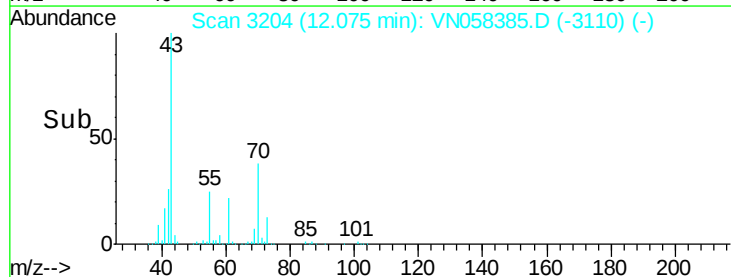
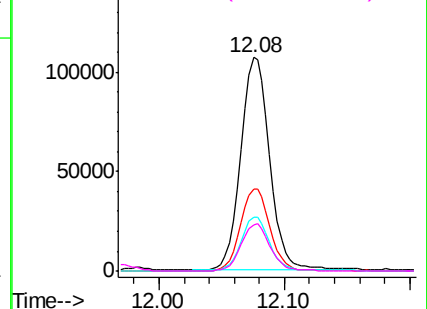


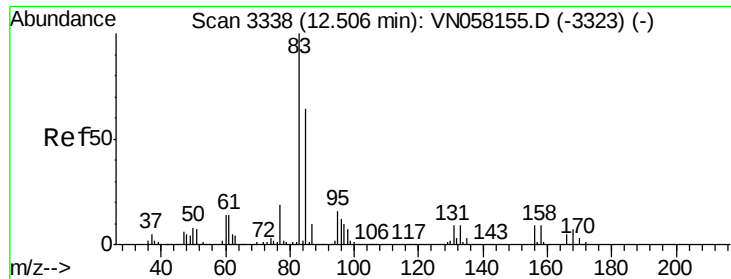
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.883 ug/l

RT: 12.51 min Scan# 3340

Delta R.T. 0.01 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

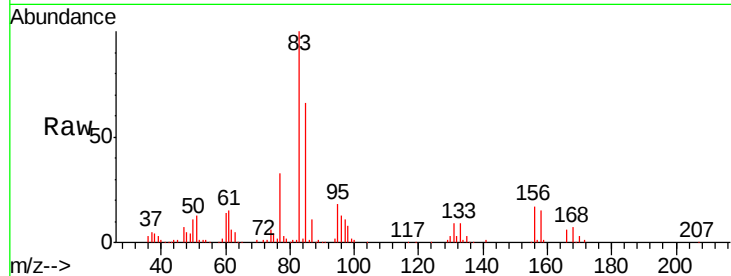
Tgt Ion: 83 Resp: 133701

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

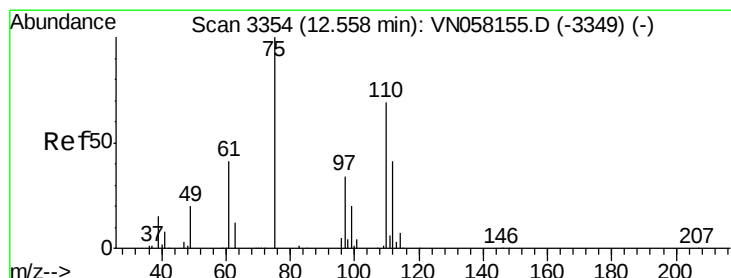
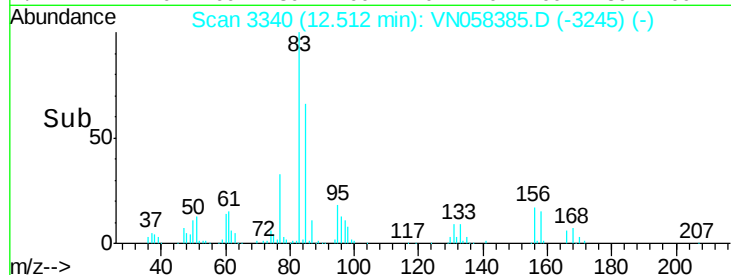
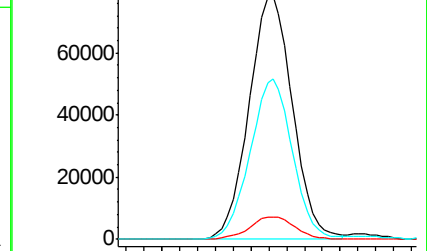
85 64.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.996 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN058385.D

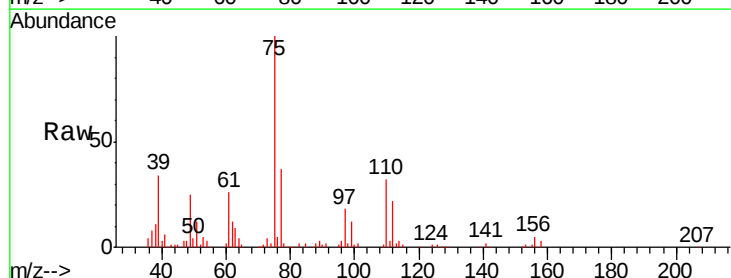
Acq: 26 Sep 2019 14:58

Tgt Ion: 75 Resp: 156478

Ion Ratio Lower Upper

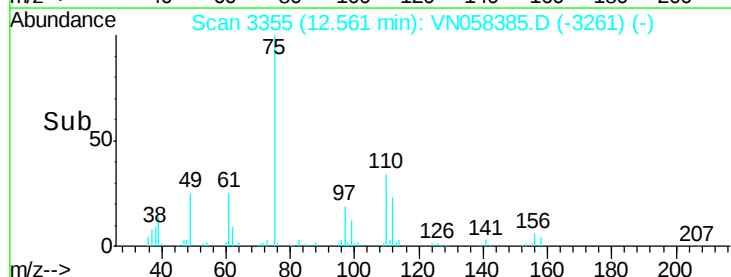
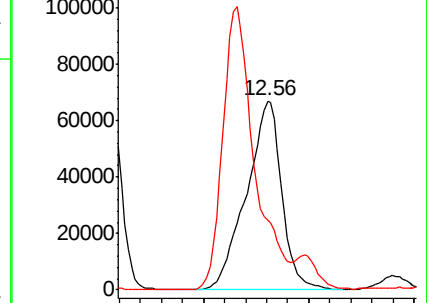
75 100

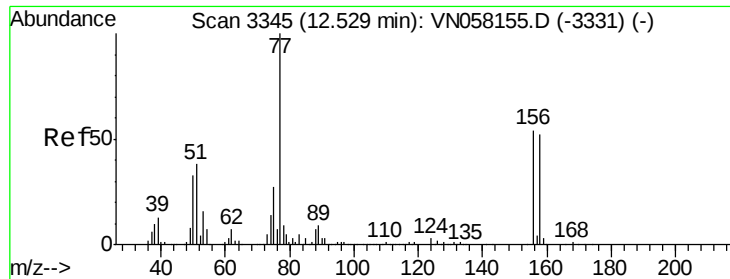
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

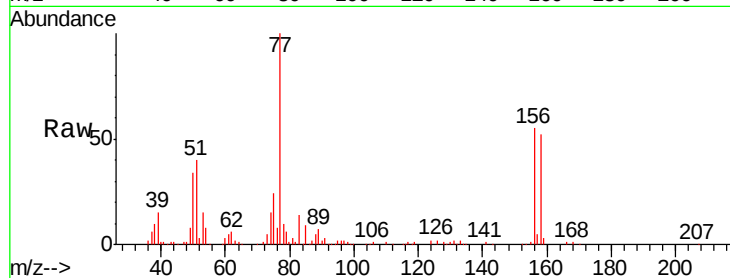




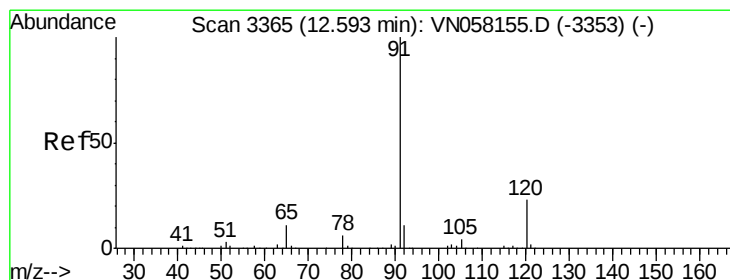
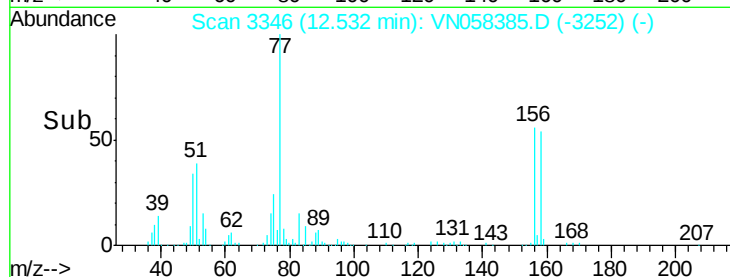
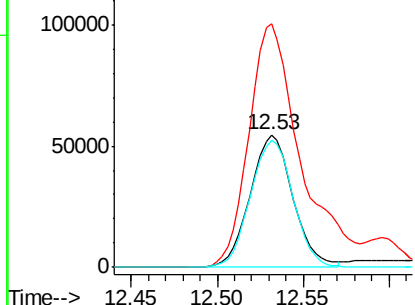
#77
Bromobenzene
Concen: 20.544 ug/l
RT: 12.53 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Instrument :
MSVOA_N
ClientSampled :
VN0926WBS02

Tgt Ion:156 Resp: 94283
Ion Ratio Lower Upper
156 100
77 223.2 111.7 335.1
158 95.7 47.9 143.8

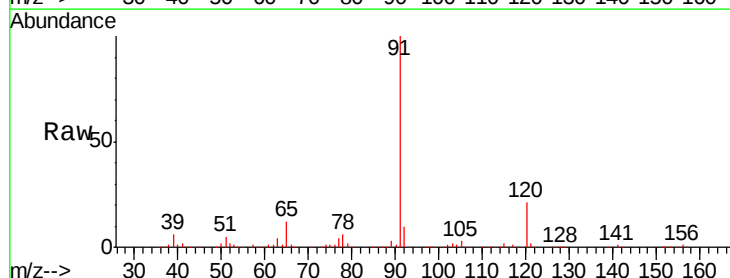


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

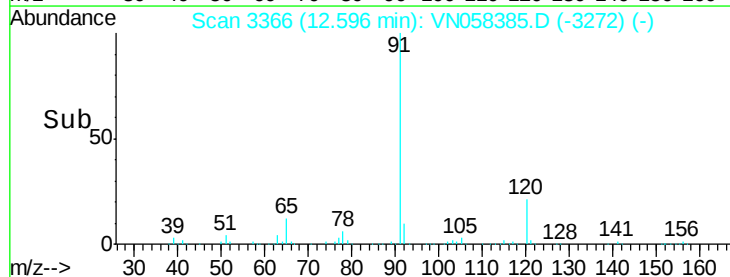
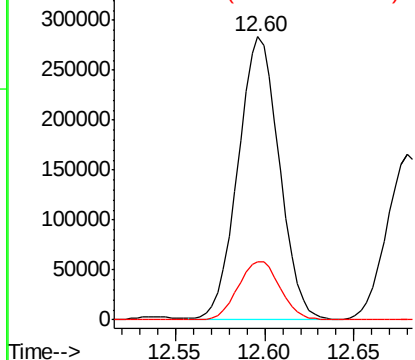


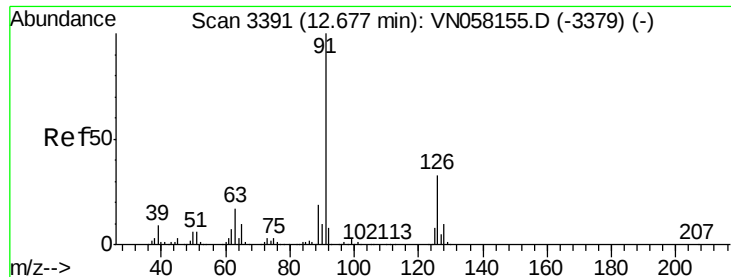
#78
n-propylbenzene
Concen: 21.980 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion: 91 Resp: 455713
Ion Ratio Lower Upper
91 100
120 21.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.964 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

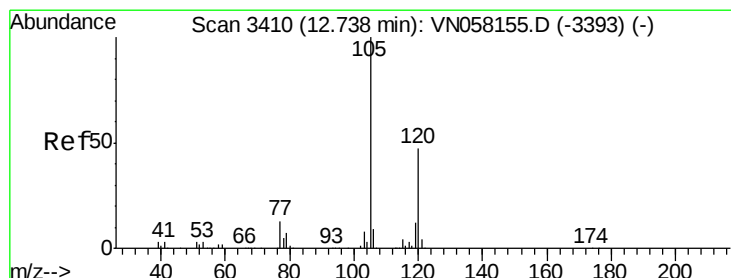
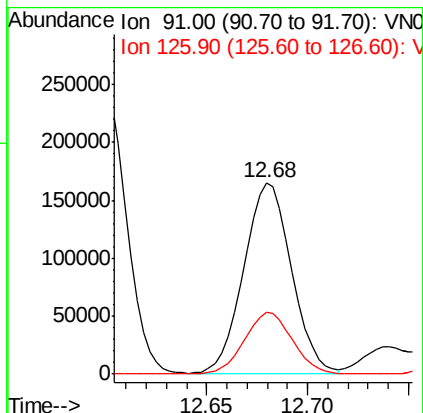
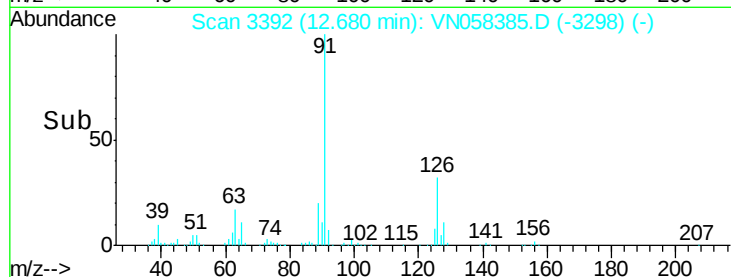
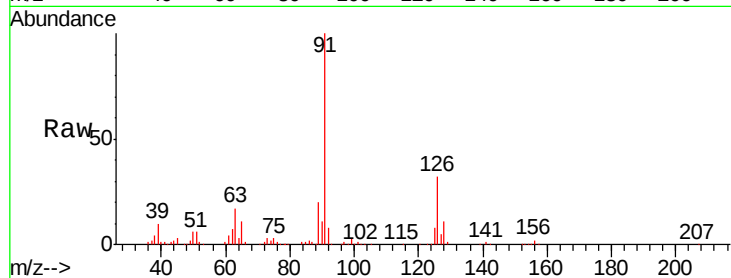
VN0926WBS02

Tgt Ion: 91 Resp: 271640

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 21.775 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058385.D

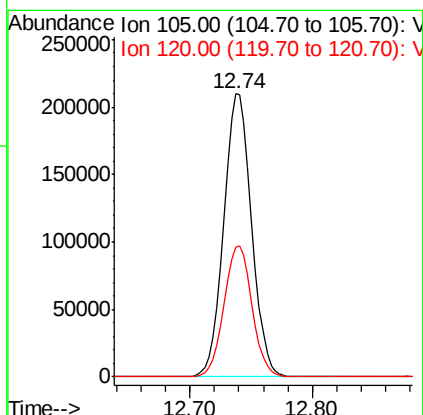
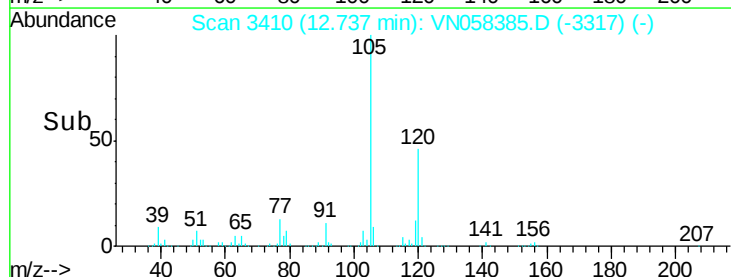
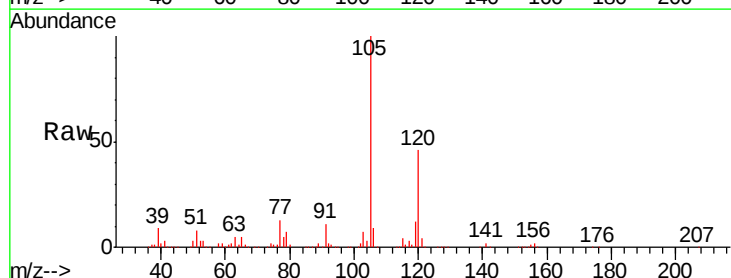
Acq: 26 Sep 2019 14:58

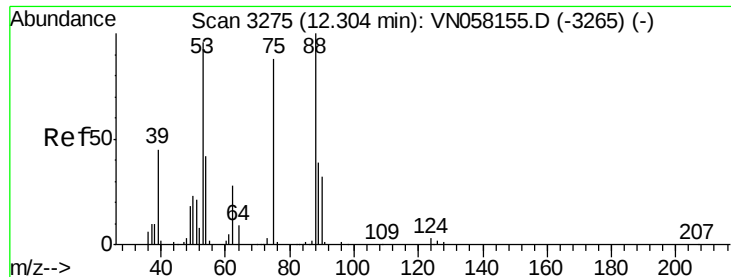
Tgt Ion: 105 Resp: 335947

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.100 ug/l

RT: 12.31 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS02

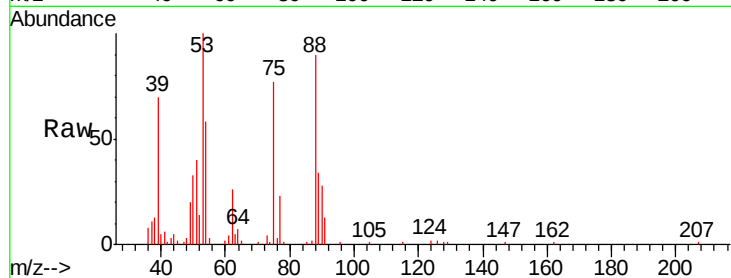
Tgt Ion: 75 Resp: 28381

Ion Ratio Lower Upper

75 100

53 127.2 90.1 135.1

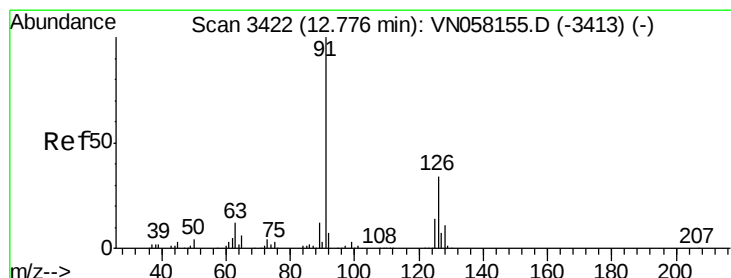
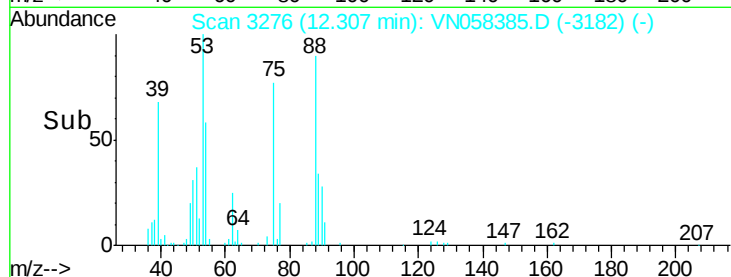
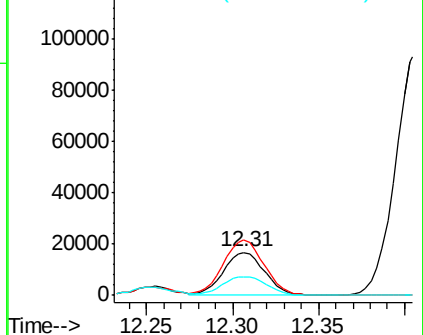
89 46.0 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.543 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058385.D

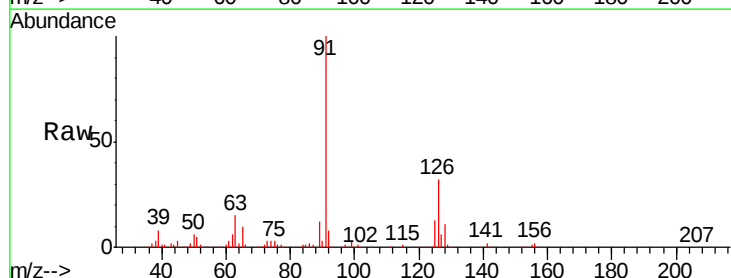
Acq: 26 Sep 2019 14:58

Tgt Ion: 91 Resp: 279806

Ion Ratio Lower Upper

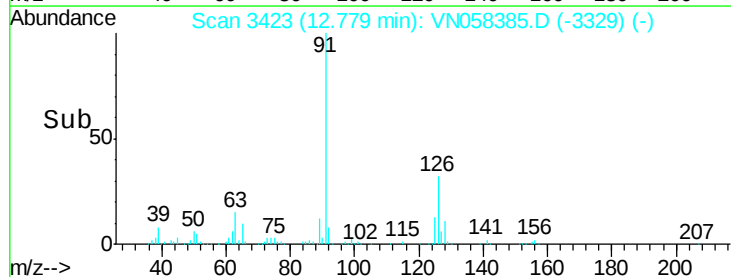
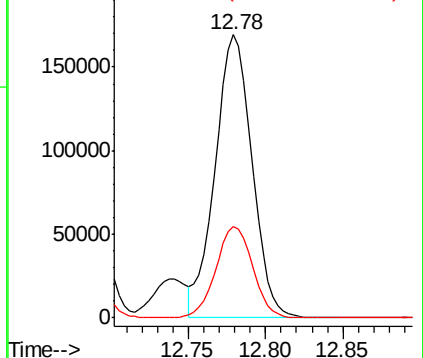
91 100

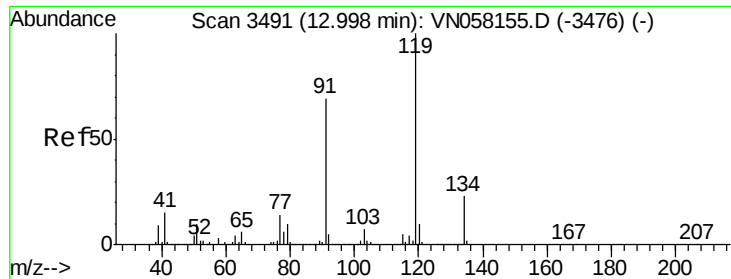
126 32.4 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

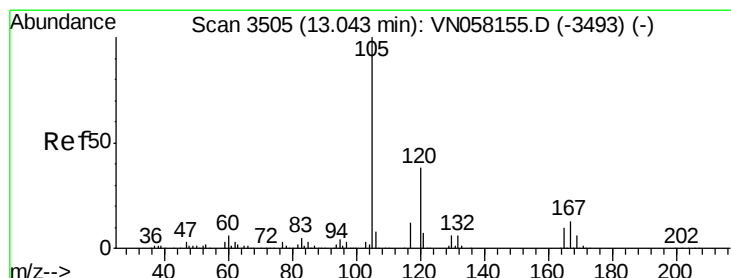
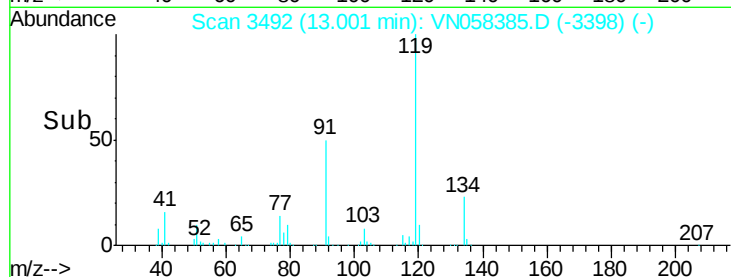
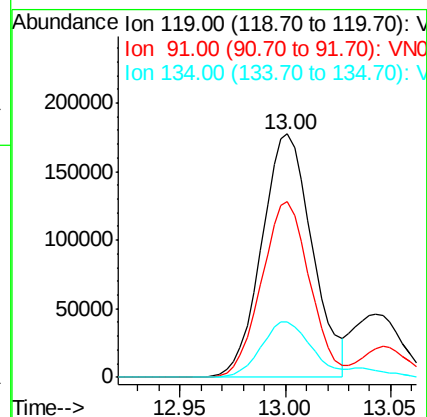
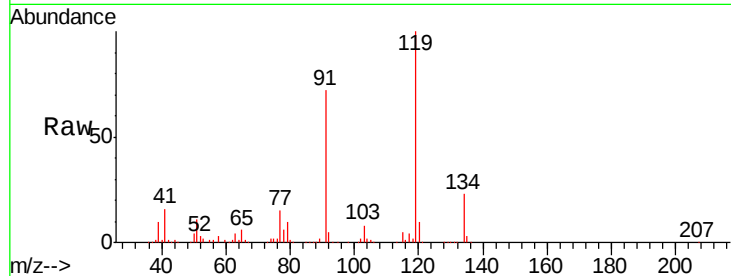




#83
 tert-Butylbenzene
 Concen: 21.468 ug/l
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

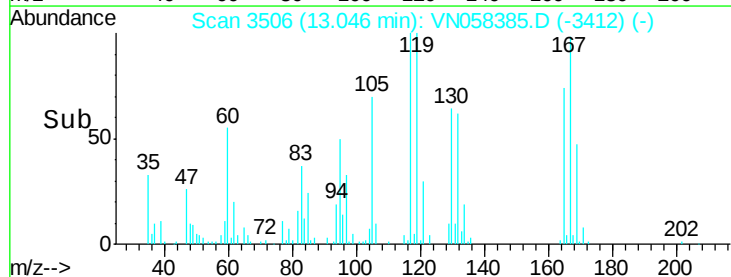
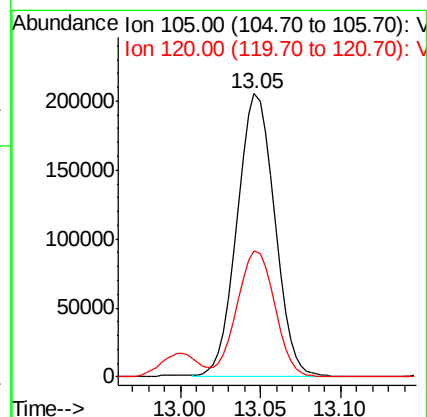
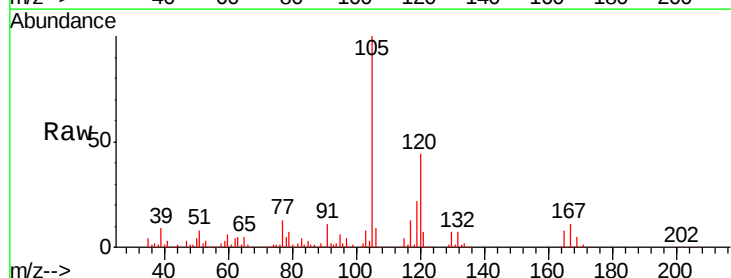
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Tgt Ion:119 Resp: 295374
 Ion Ratio Lower Upper
 119 100
 91 69.2 33.8 101.3
 134 22.7 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.267 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion:105 Resp: 326525
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 21.610 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

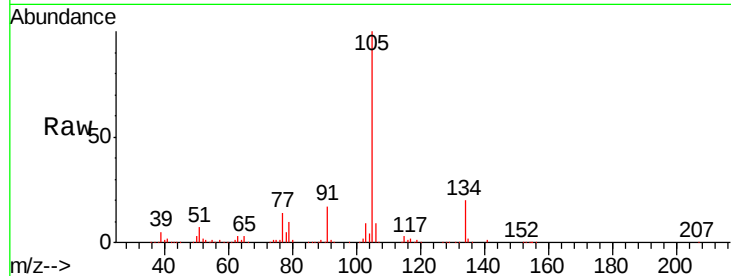
VN0926WBS02

Tgt Ion:105 Resp: 388799

Ion Ratio Lower Upper

105 100

134 19.4 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

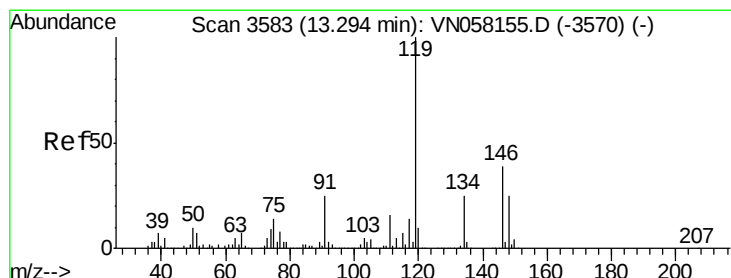
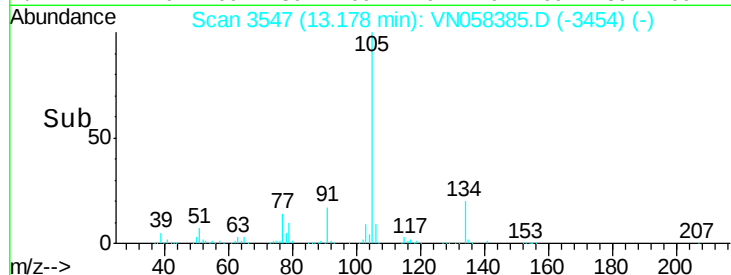
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 21.352 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

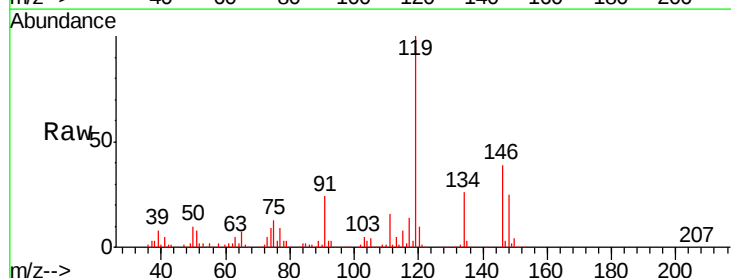
Tgt Ion:119 Resp: 341522

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 24.5 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

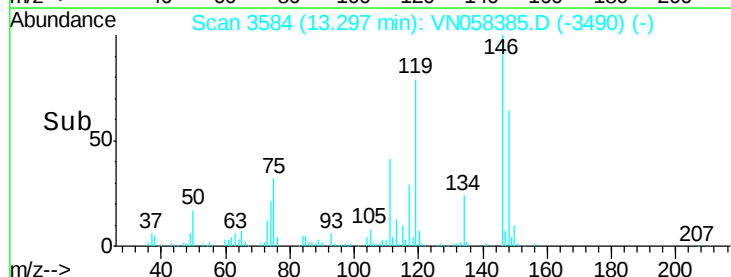
100000

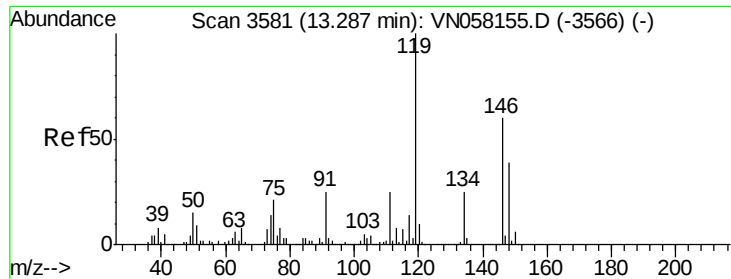
50000

0

13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.626 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS02

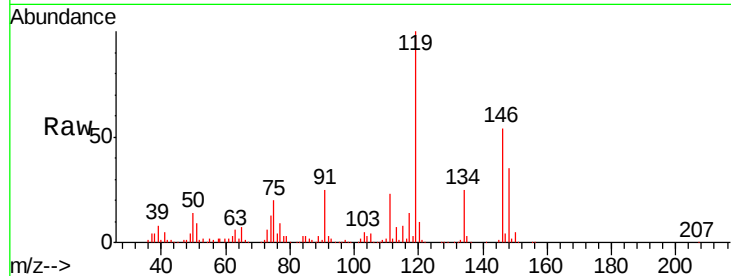
Tgt Ion:146 Resp: 172899

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.8

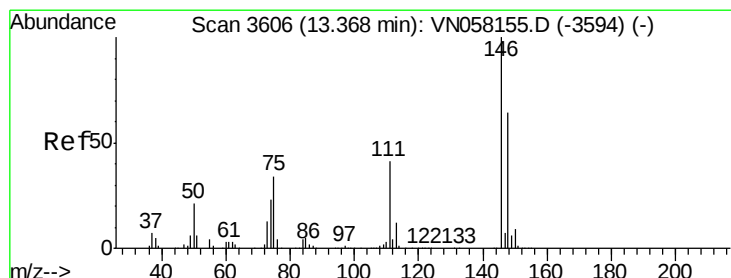
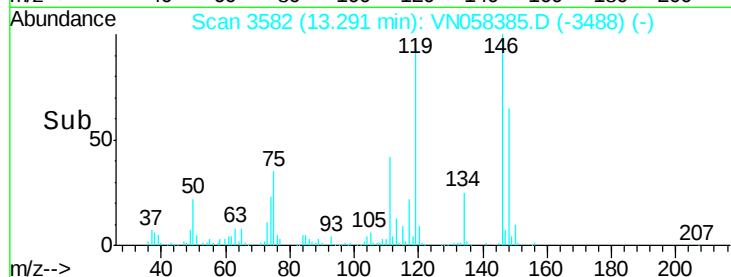
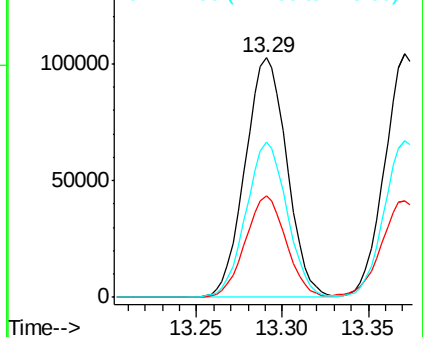
148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.739 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

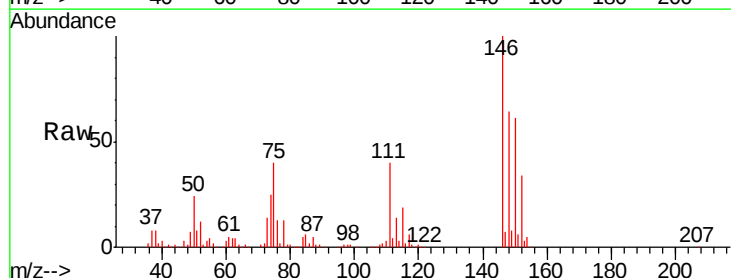
Tgt Ion:146 Resp: 168924

Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.5

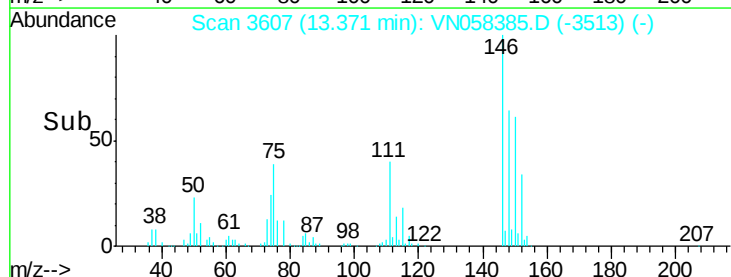
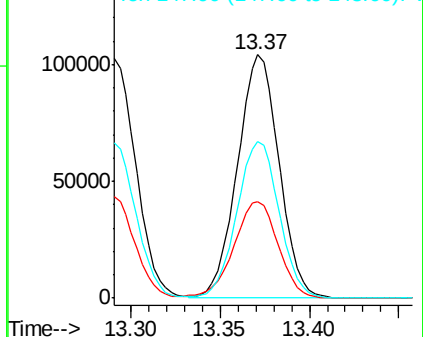
148 65.5 31.9 95.5

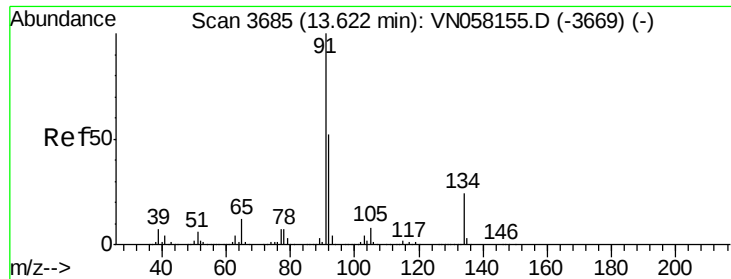


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.433 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS02

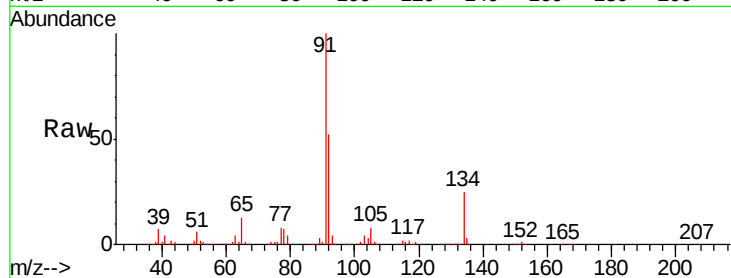
Tgt Ion: 91 Resp: 309856

Ion Ratio Lower Upper

91 100

92 51.9 25.7 77.0

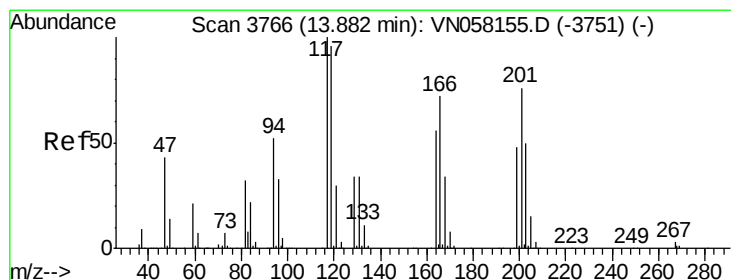
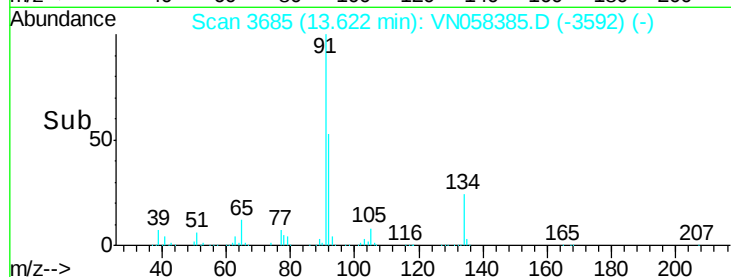
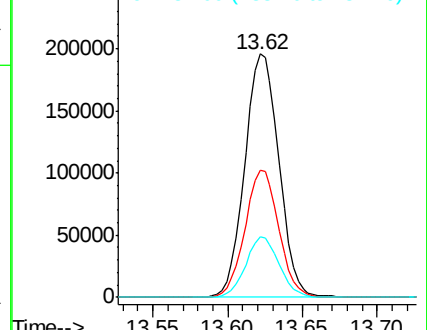
134 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN058155.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058155.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058155.D (-3669) (-)



#90

Hexachloroethane

Concen: 19.532 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN058385.D

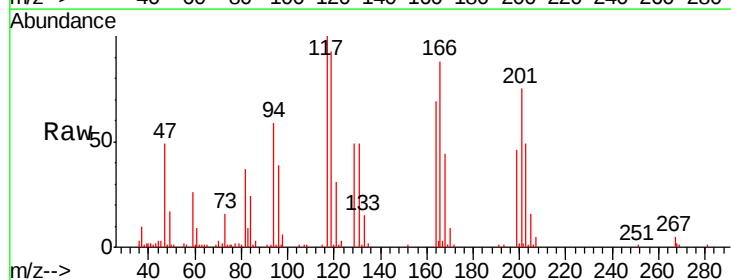
Acq: 26 Sep 2019 14:58

Tgt Ion: 117 Resp: 49669

Ion Ratio Lower Upper

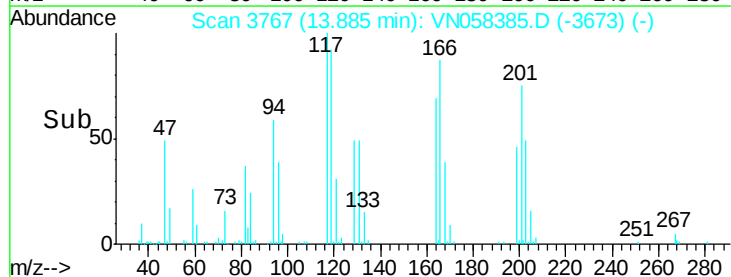
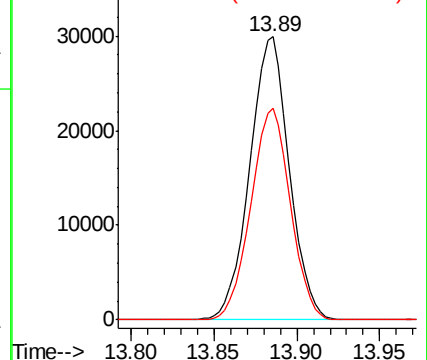
117 100

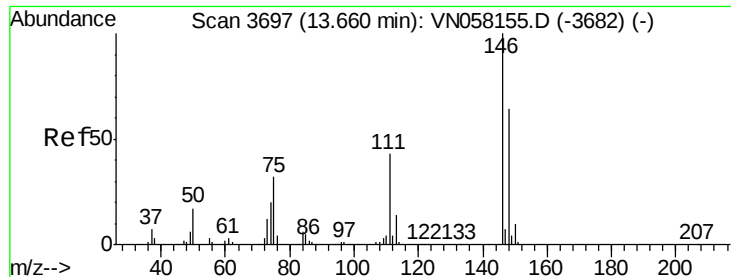
201 74.5 37.5 112.5



Abundance Ion 116.80 (116.50 to 117.50): VN058155.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN058155.D (-3751) (-)





#91

1,2-Dichlorobenzene

Concen: 21.400 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS02

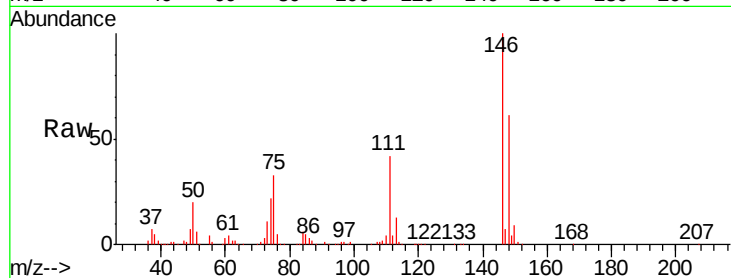
Tgt Ion:146 Resp: 179943

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.1

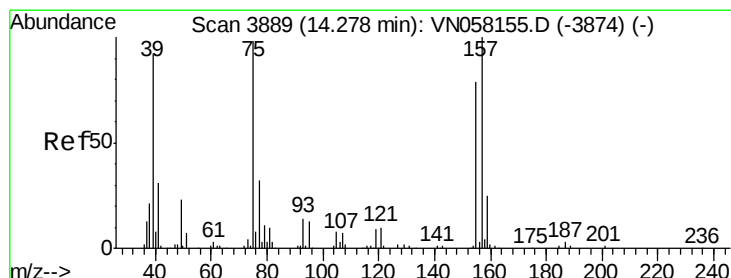
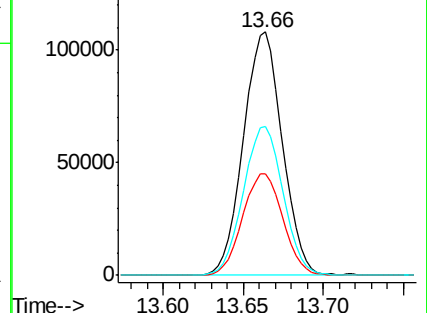
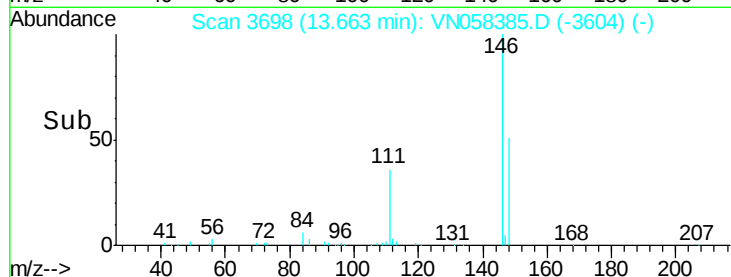
148 62.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.810 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN058385.D

Acq: 26 Sep 2019 14:58

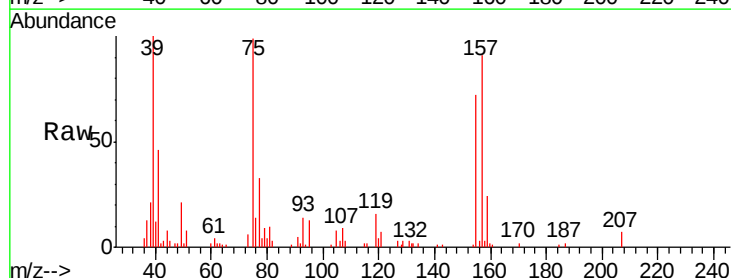
Tgt Ion: 75 Resp: 23990

Ion Ratio Lower Upper

75 100

155 72.0 38.3 114.8

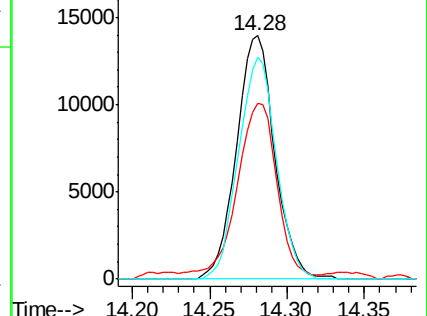
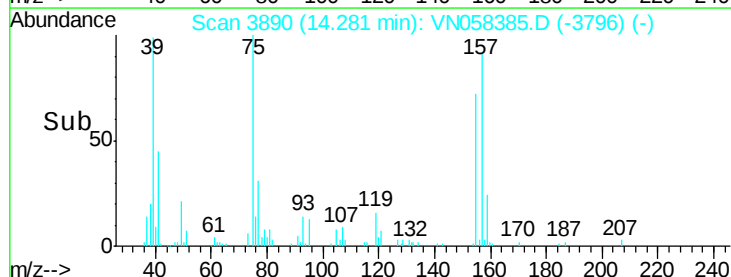
157 90.2 48.0 144.0



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

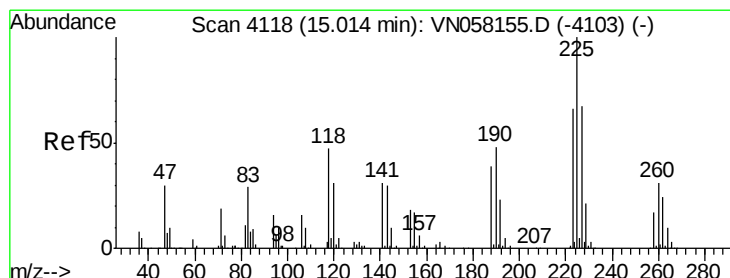
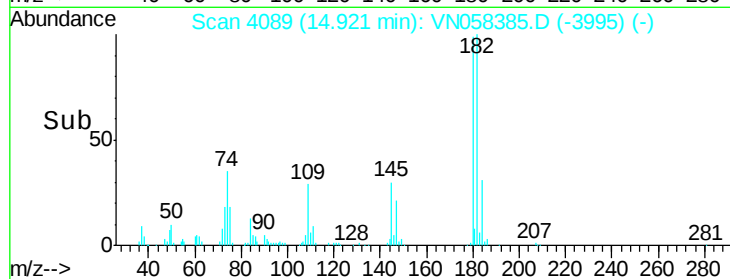
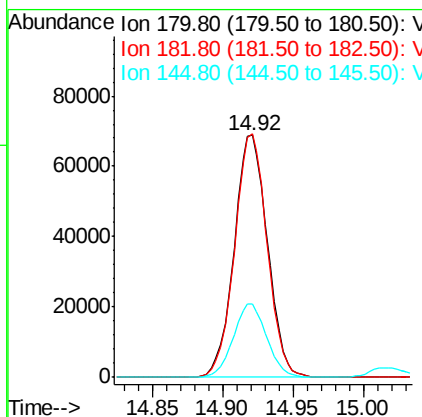
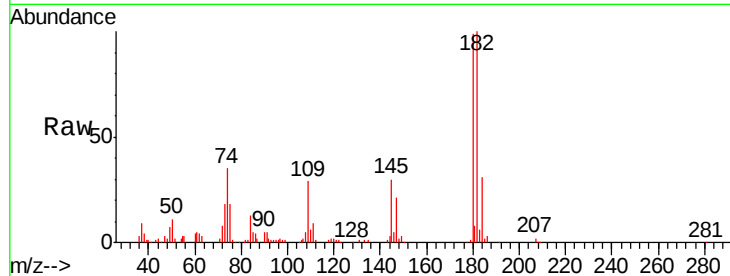




#93
 1,2,4-Trichlorobenzene
 Concen: 21.194 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

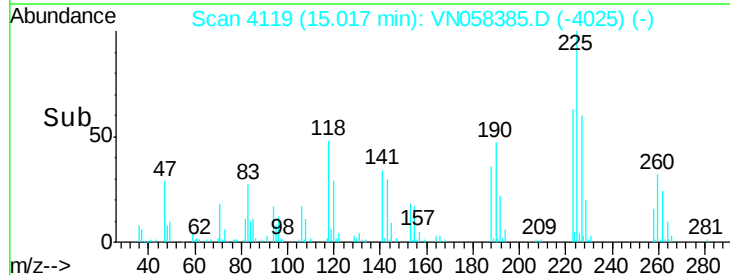
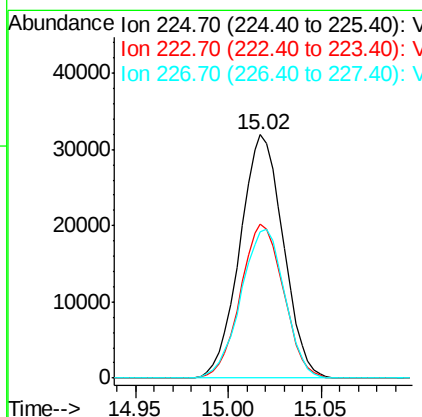
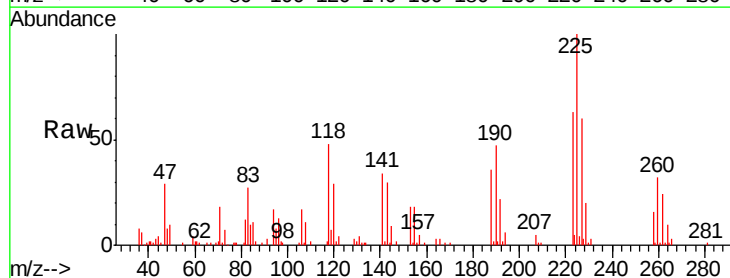
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

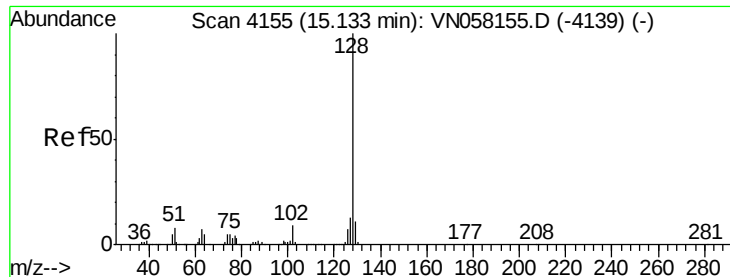
Tgt Ion:180 Resp: 113861
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.8 143.3
 145 30.3 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 19.922 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058385.D
 Acq: 26 Sep 2019 14:58

Tgt Ion:225 Resp: 51731
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.6 97.7
 227 61.6 33.0 99.0

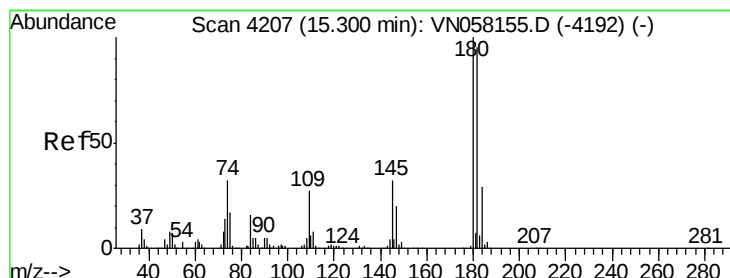
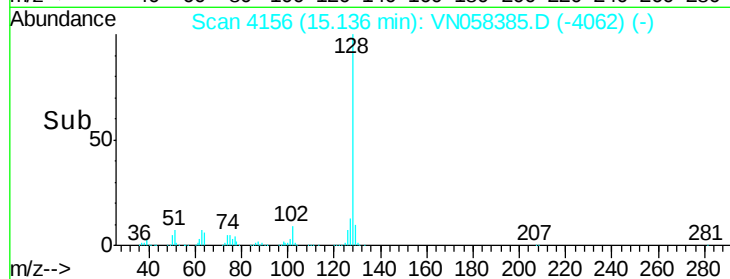
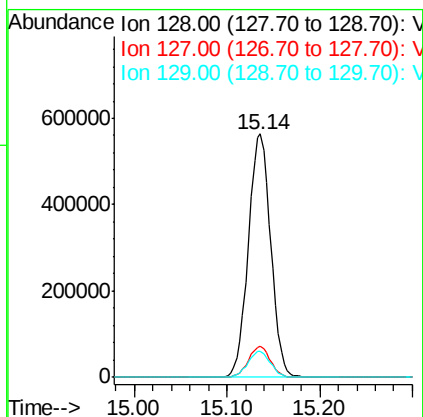
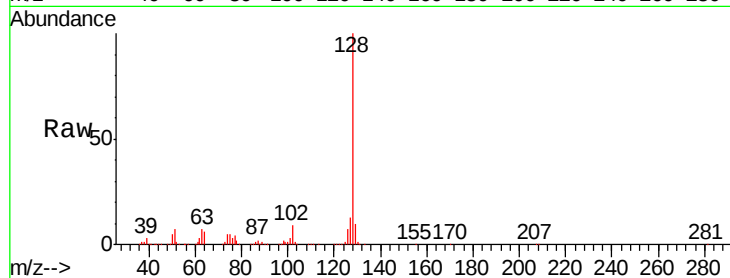




#95
Naphthalene
Concen: 67.696 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Tgt Ion:128 Resp: 942527
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.991 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058385.D
Acq: 26 Sep 2019 14:58

Tgt Ion:180 Resp: 111668
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 32.5 16.1 48.2

