

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058376.D
 Acq On : 26 Sep 2019 11:39
 Operator : JC/SP
 Sample : VN0926WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Quant Time: Sep 27 02:28:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	75321	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	438784	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	396719	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	207704	31.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.97%
60) 4-Bromofluorobenzene	12.41	95	202099	29.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.13%
63) Toluene-d8	10.08	98	572434	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	91241	20.144 ug/l	97
3) Chloromethane	2.04	50	107352	20.526 ug/l	99
4) Vinyl Chloride	2.17	62	106179	20.346 ug/l	98
5) Bromomethane	2.55	94	54973	19.400 ug/l	99
6) Chloroethane	2.69	64	65983	21.394 ug/l	95
7) Trichlorofluoromethane	3.00	101	129645	21.099 ug/l	97
8) Diethyl Ether	3.39	74	55126	20.181 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	88544	20.933 ug/l	99
10) 1,1-Dichloroethene	3.72	96	85478	20.672 ug/l	95
11) Methyl Iodide	3.93	142	93773	22.119 ug/l	99
12) Methyl Acetate	4.30	43	106722	19.379 ug/l	100
13) Acrolein	3.59	56	17135	109.419 ug/l	99
14) Acrylonitrile	4.96	53	226678	99.685 ug/l	99
15) Acetone	3.80	58	65795	104.353 ug/l	92
16) Carbon Disulfide	4.03	76	223231	19.427 ug/l	99
17) Allyl chloride	4.30	41	150459	19.481 ug/l	94
18) Methylene Chloride	4.53	84	101699	20.849 ug/l	95
19) trans-1,2-Dichloroethene	5.01	96	94055	20.290 ug/l	96
20) Diisopropyl ether	5.93	45	331847	20.164 ug/l	96
21) 1,1-Dichloroethane	5.83	63	186857	20.290 ug/l	99
22) cis-1,2-Dichloroethene	6.81	96	110801	20.578 ug/l	98
23) tert-Butyl Alcohol	4.76	59	73215	87.218 ug/l	# 100
24) Methyl tert-Butyl Ether	5.02	73	294481	19.841 ug/l	97
25) Chloroform	7.36	83	191786	20.567 ug/l	95
26) Cyclohexane	7.64	56	171831	19.963 ug/l	# 97
29) 1,1-Dichloropropene	7.78	75	142862	19.946 ug/l	98
30) 2-Butanone	6.82	43	318721	98.003 ug/l	100
31) 2,2-Dichloropropane	6.81	77	151160	20.500 ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	159828	20.689 ug/l	99
33) Carbon Tetrachloride	7.76	117	132158	20.136 ug/l	98
34) Benzene	8.03	78	419193	20.632 ug/l	99
35) Methacrylonitrile	7.16	41	53246	19.035 ug/l	94
36) 1,2-Dichloroethane	8.11	62	162845	20.460 ug/l	99
37) Trichloroethene	8.82	130	102914	20.232 ug/l	99
38) Methylcyclohexane	9.07	83	171493	19.801 ug/l	99
39) 1,2-Dichloropropane	9.11	63	112874	20.366 ug/l	97
40) Dibromomethane	9.20	93	73022	20.876 ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058376.D
 Acq On : 26 Sep 2019 11:39
 Operator : JC/SP
 Sample : VN0926WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Quant Time: Sep 27 02:28:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	138266	19.999	ug/l	100
42) Vinyl Acetate	5.87	43	1355235	109.141	ug/l	100
43) Ethyl Acetate	6.91	43	134147	20.775	ug/l	100
44) Isopropyl Acetate	8.15	43	219618	18.999	ug/l	99
45) 1,4-Dioxane	9.19	88	35967	368.836	ug/l	97
46) Methyl methacrylate	9.19	41	105961	19.343	ug/l	97
47) n-amyl Acetate	12.08	43	184066	18.294	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	145116	19.209	ug/l	100
49) cis-1,3-Dichloropropene	9.83	75	166520	19.797	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	98163	20.080	ug/l	96
51) Ethyl methacrylate	10.43	69	147964	19.130	ug/l	100
52) 1,3-Dichloropropane	10.71	76	175068	20.164	ug/l	98
53) Dibromochloromethane	10.90	129	94719	19.287	ug/l	100
54) 1,2-Dibromoethane	11.00	107	99220	19.889	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	321349	98.121	ug/l	99
56) Bromoform	12.13	173	58108	18.758	ug/l	97
58) 4-Methyl-2-Pentanone	9.98	43	655700	105.484	ug/l	99
59) 2-Hexanone	10.75	43	475036	101.086	ug/l	99
61) Tetrachloroethene	10.63	164	83207	20.020	ug/l	98
62) Toluene	10.15	91	454663	20.926	ug/l	99
64) Chlorobenzene	11.44	112	267712	20.051	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	93620	20.001	ug/l	99
66) Ethyl Benzene	11.51	91	498244	21.030	ug/l	99
67) m/p-Xylenes	11.62	106	362647	39.870	ug/l	98
68) o-Xylene	11.95	106	172691	19.525	ug/l	95
69) Styrene	11.97	104	293111	19.818	ug/l	99
70) Isopropylbenzene	12.25	105	476689	20.798	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	144811	19.879	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	176874	28.233	ug/l	64
73) Bromobenzene	12.53	156	110320	19.872	ug/l	99
74) n-propylbenzene	12.60	91	569497	21.553	ug/l	99
75) 2-Chlorotoluene	12.68	91	333158	20.157	ug/l	100
76) 1,3,5-Trimethylbenzene	12.74	105	410242	20.787	ug/l	100
77) t-1,4-Dichloro-2-butene	12.31	75	35026	17.140	ug/l	97
78) 4-Chlorotoluene	12.78	91	340843	20.121	ug/l	99
79) tert-butylbenzene	13.00	119	344707	20.174	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	400751	20.344	ug/l	99
81) sec-Butylbenzene	13.18	105	470503	20.994	ug/l	100
82) p-Isopropyltoluene	13.30	119	412385	20.433	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	197714	19.303	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	195257	19.154	ug/l	99
85) n-Butylbenzene	13.62	91	371754	19.826	ug/l	100
86) Hexachloroethane	13.88	117	61198	18.773	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	194852	19.483	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	25085	17.644	ug/l	99
89) 1,2,4-Trichlorobenzene	14.92	180	110303	16.881	ug/l	100
90) Hexachlorobutadiene	15.02	225	58289	18.437	ug/l	96
91) Naphthalene	15.14	128	295810	16.485	ug/l	99
92) 1,2,3-Trichlorobenzene	15.30	180	103238	16.451	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058376.D
Acq On : 26 Sep 2019 11:39
Operator : JC/SP
Sample : VN0926WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Quant Time: Sep 27 02:28:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

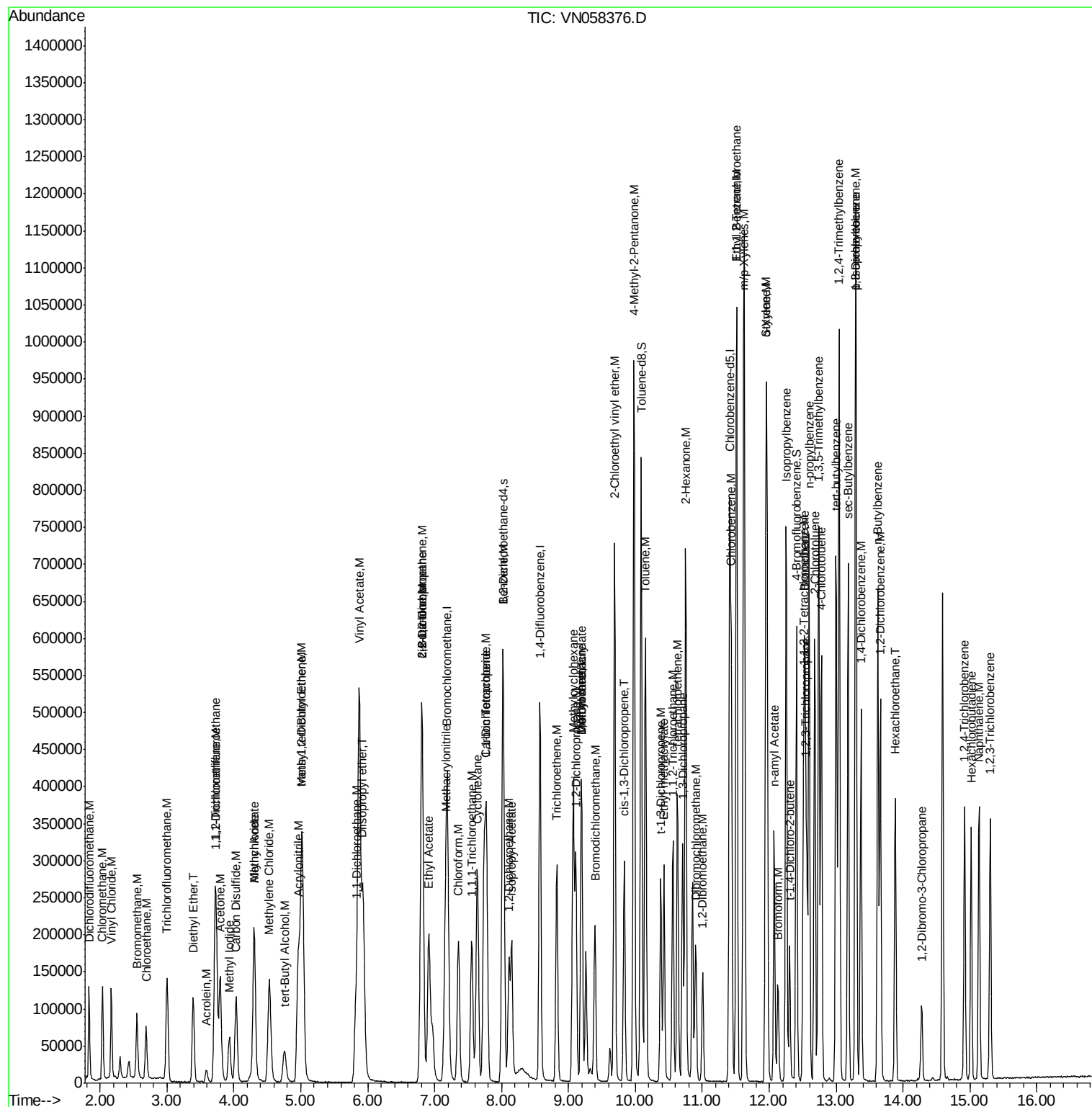
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

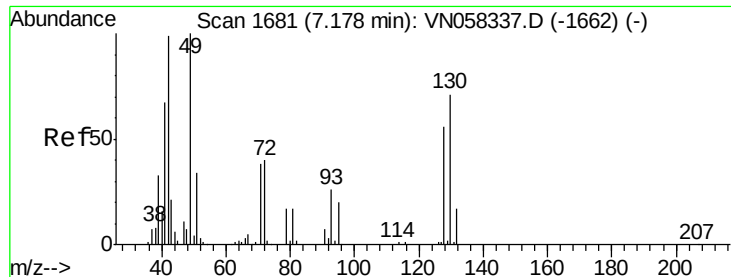
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058376.D
Acq On : 26 Sep 2019 11:39
Operator : JC/SP
Sample : VN0926WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Quant Time: Sep 27 02:28:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

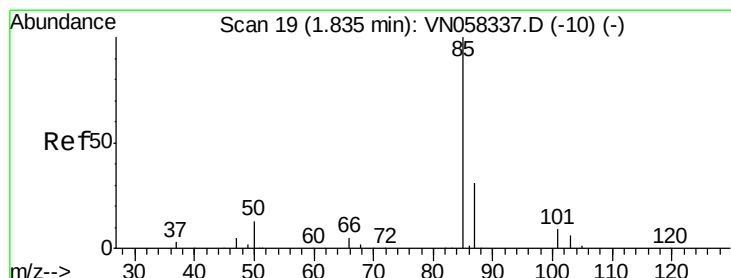
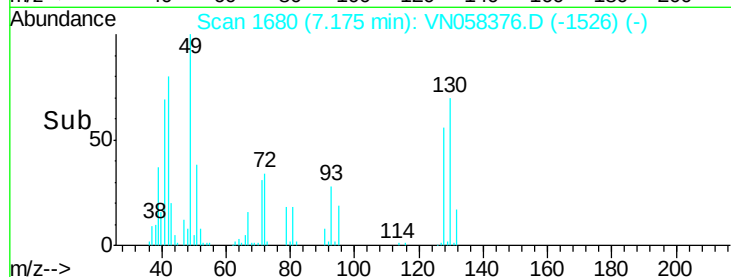
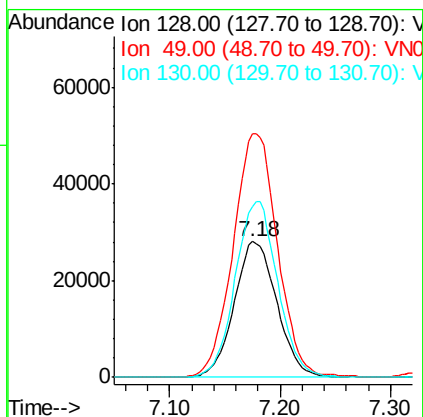
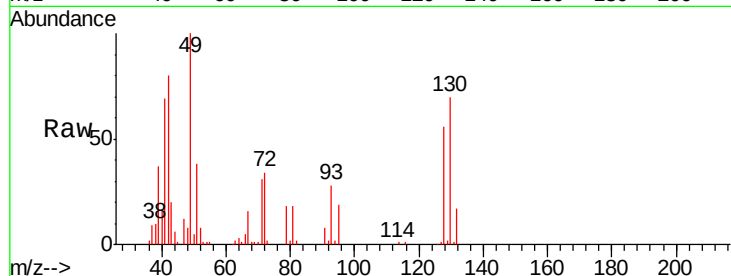




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

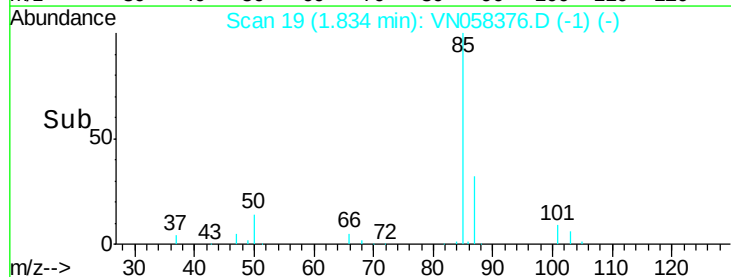
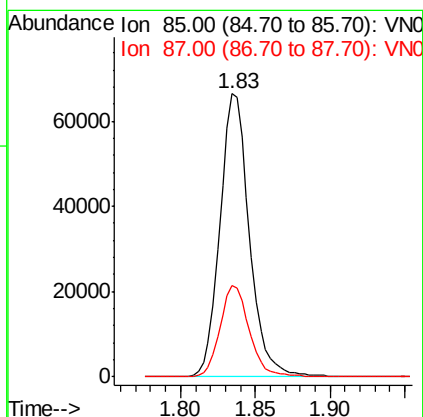
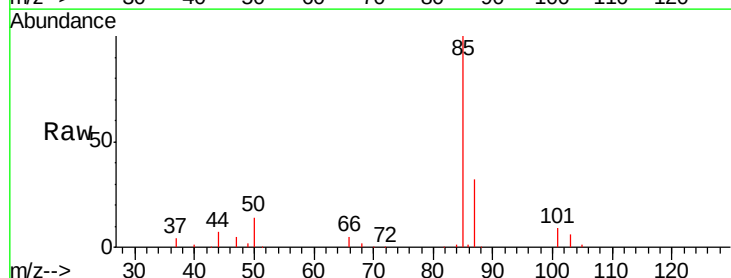
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

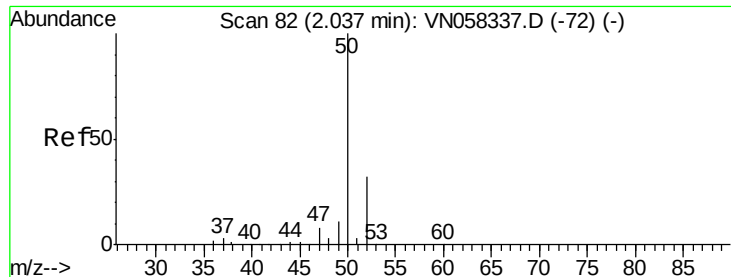
Tgt Ion:128 Resp: 75321
Ion Ratio Lower Upper
128 100
49 186.0 0.0 458.5
130 128.8 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 20.144 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 85 Resp: 91241
Ion Ratio Lower Upper
85 100
87 32.4 15.5 46.5





#3

Chloromethane

Concen: 20.526 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

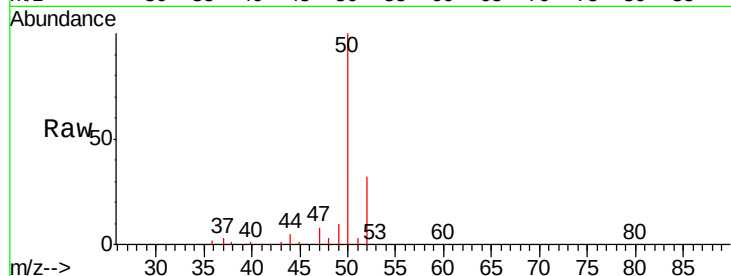
VN0926WBS01

Tgt Ion: 50 Resp: 107352

Ion Ratio Lower Upper

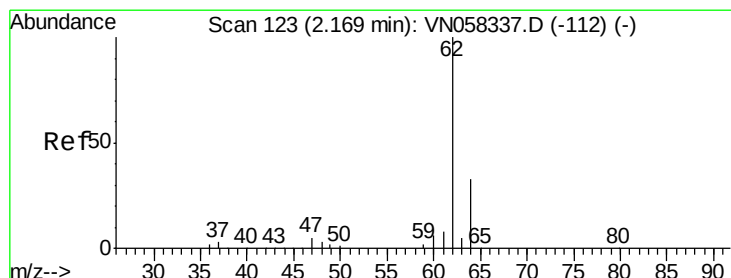
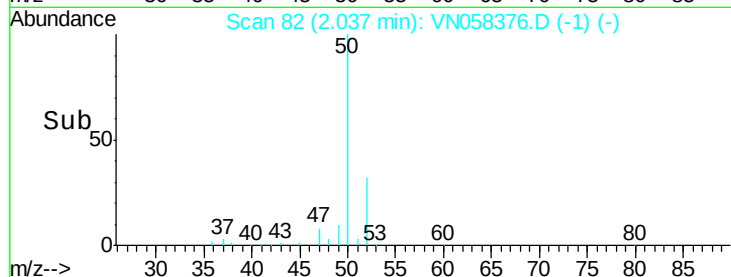
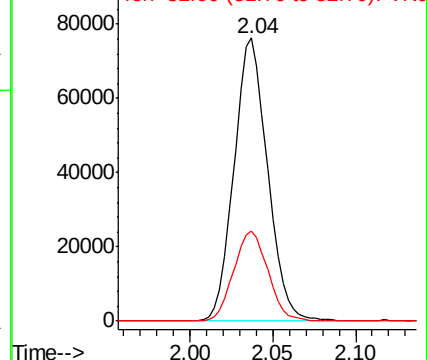
50 100

52 31.8 25.9 38.9



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.346 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058376.D

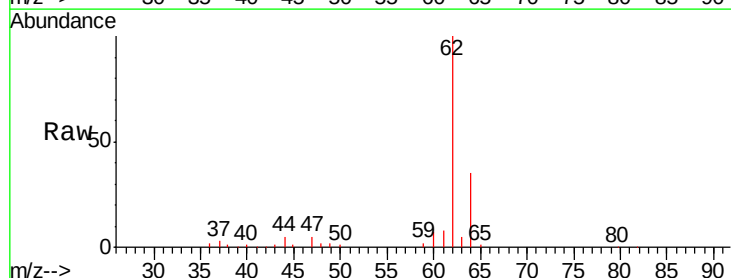
Acq: 26 Sep 2019 11:39

Tgt Ion: 62 Resp: 106179

Ion Ratio Lower Upper

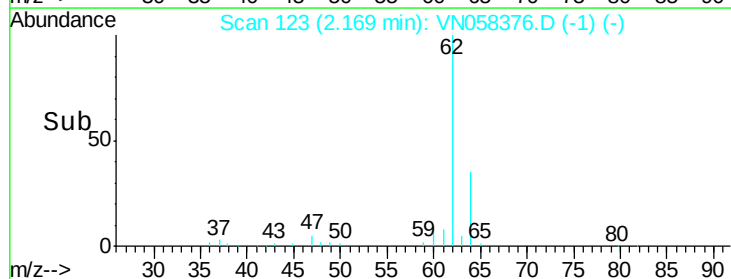
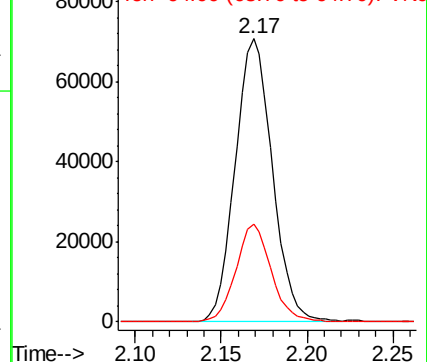
62 100

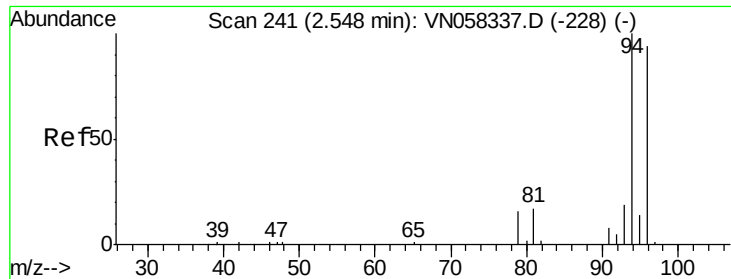
64 34.5 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.400 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

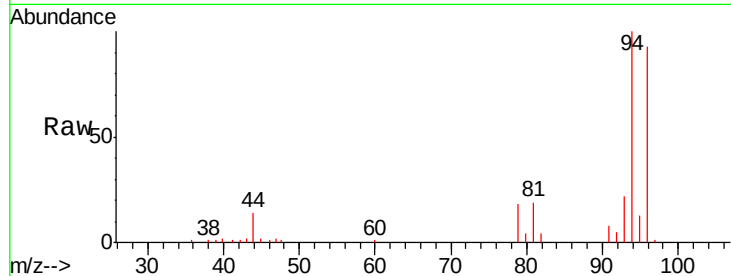
VN0926WBS01

Tgt Ion: 94 Resp: 54973

Ion Ratio Lower Upper

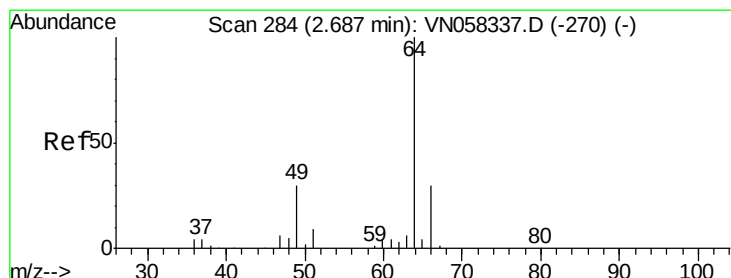
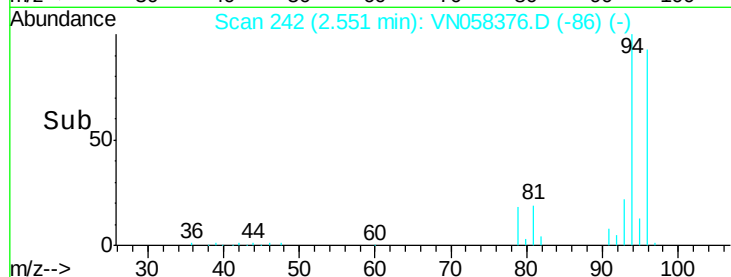
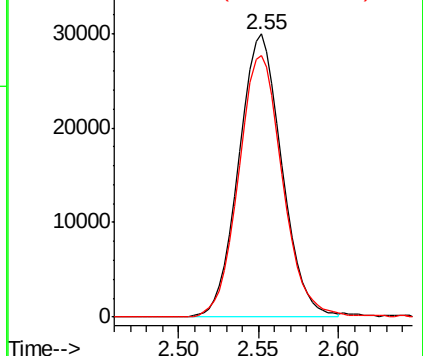
94 100

96 92.6 74.8 112.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.394 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.00 min

Lab File: VN058376.D

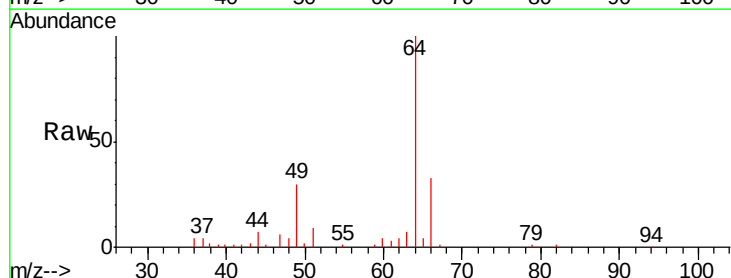
Acq: 26 Sep 2019 11:39

Tgt Ion: 64 Resp: 65983

Ion Ratio Lower Upper

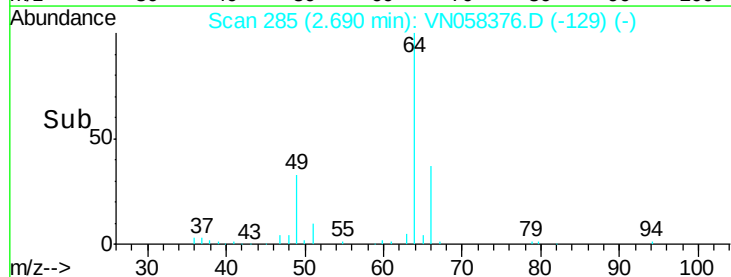
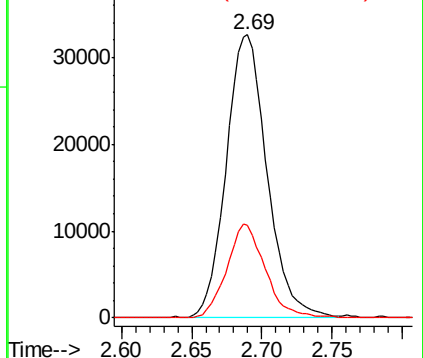
64 100

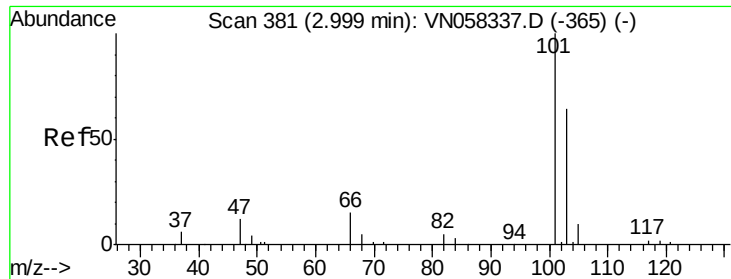
66 32.6 23.8 35.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



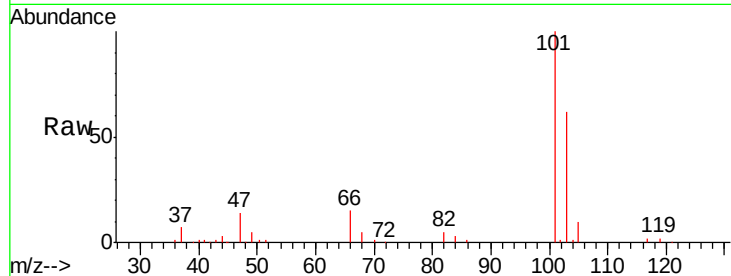


#7

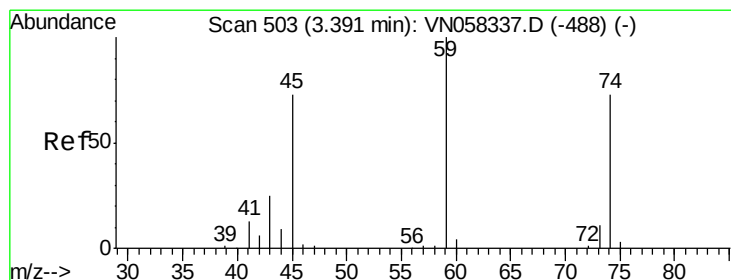
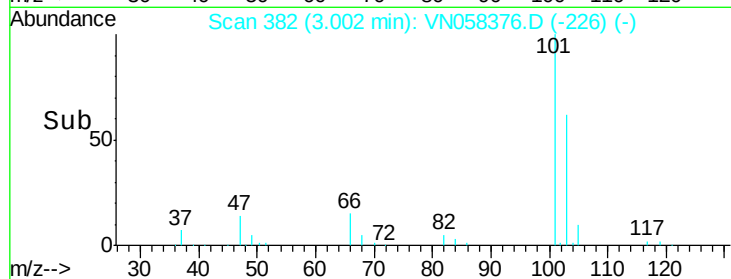
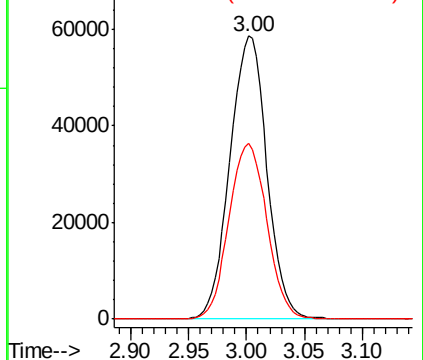
Trichlorofluoromethane
 Concen: 21.099 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion: 101 Resp: 129645
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.5 77.3



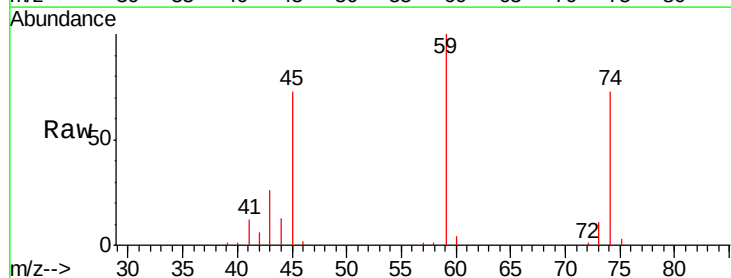
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



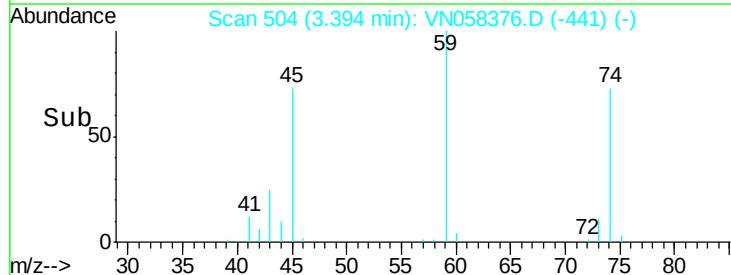
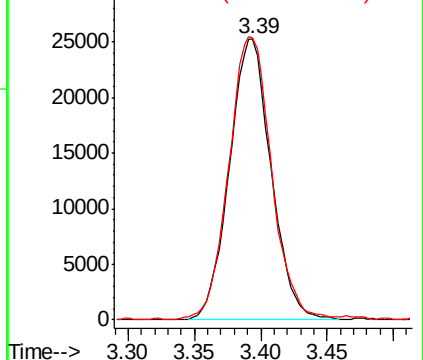
#8

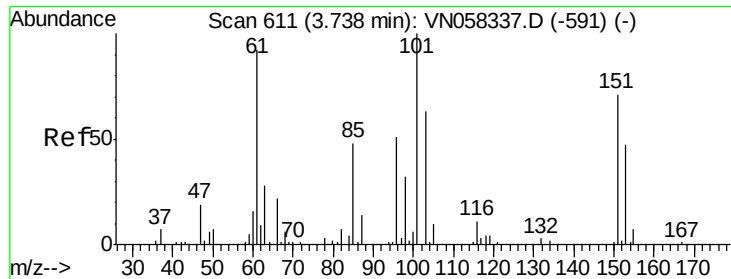
Diethyl Ether
 Concen: 20.181 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 74 Resp: 55126
 Ion Ratio Lower Upper
 74 100
 45 103.4 20.8 187.6



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.933 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

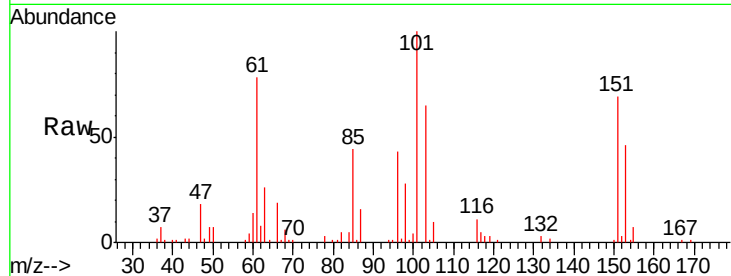
Tgt Ion:101 Resp: 88544

Ion Ratio Lower Upper

101 100

85 46.4 0.0 93.0

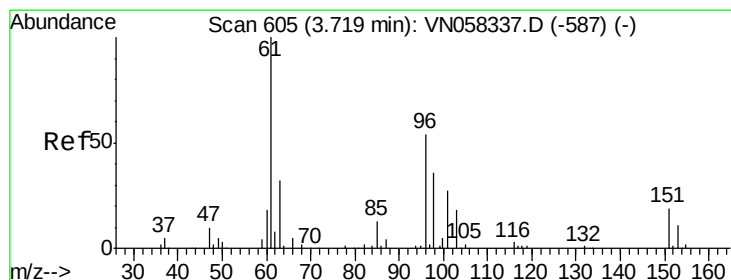
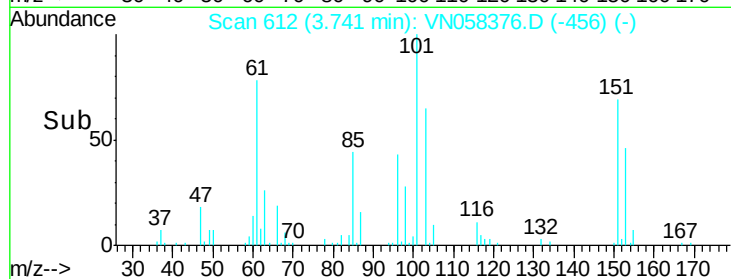
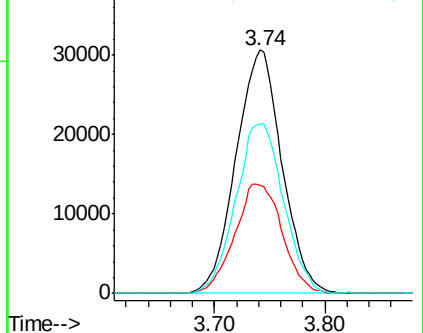
151 72.3 0.0 147.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.672 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

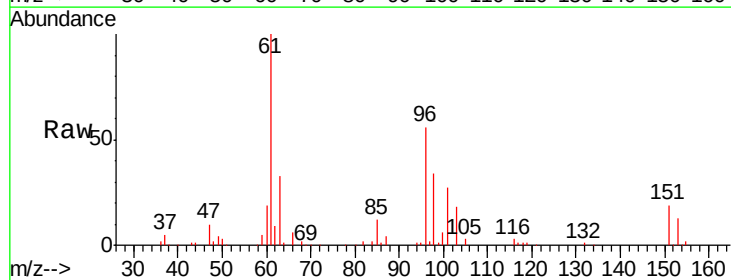
Tgt Ion: 96 Resp: 85478

Ion Ratio Lower Upper

96 100

61 177.0 146.9 220.3

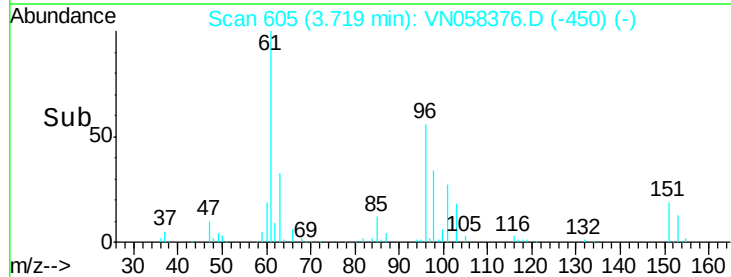
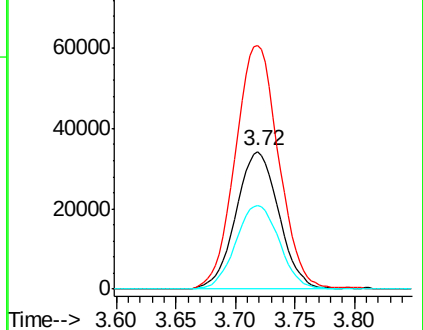
98 60.7 52.3 78.5

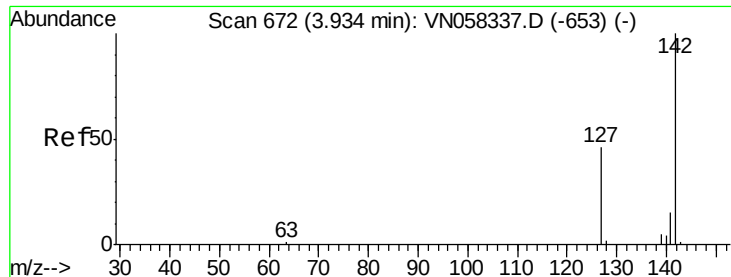


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

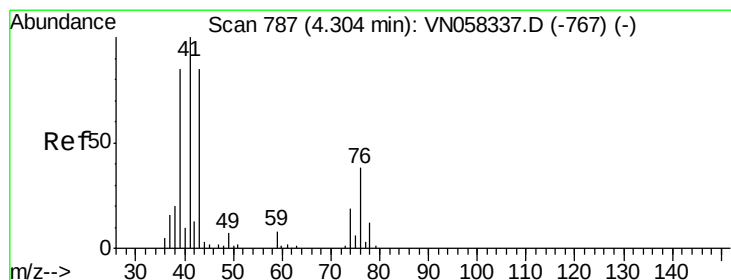
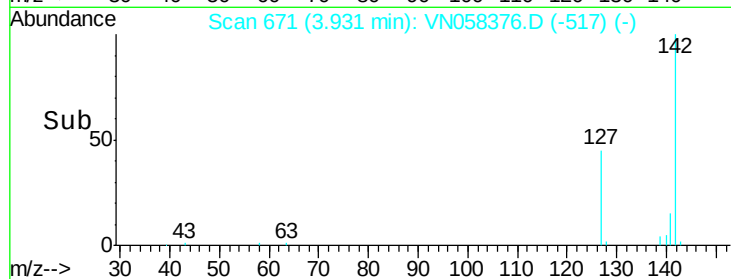
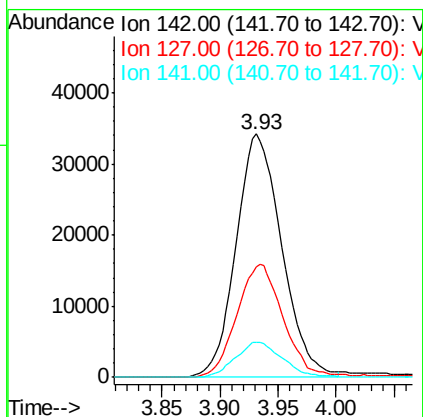
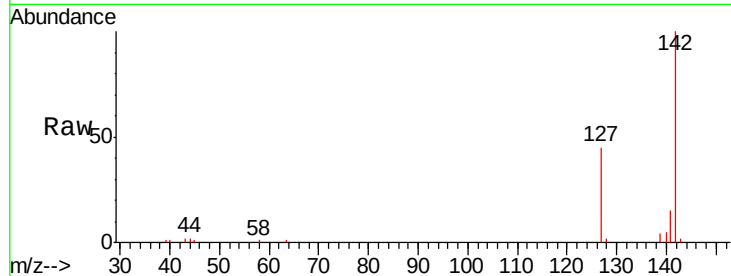




#11
Methyl Iodide
Concen: 22.119 ug/l
RT: 3.93 min Scan# 671
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

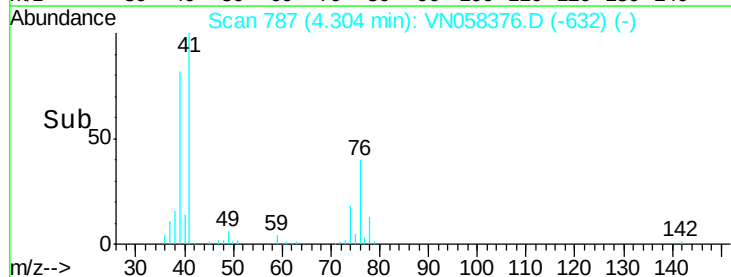
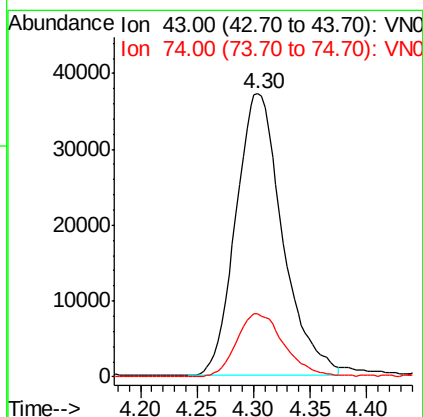
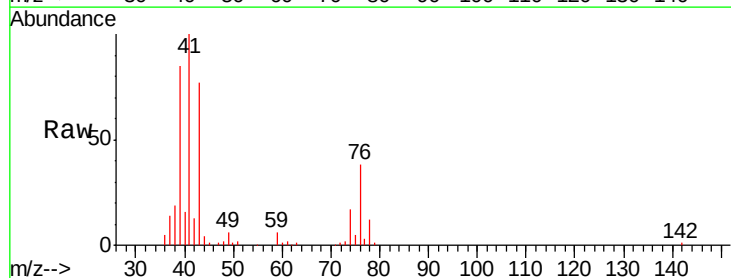
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

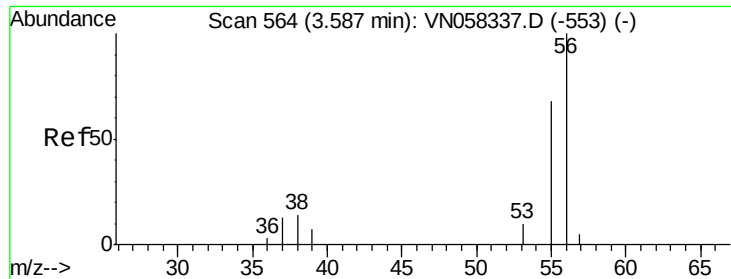
Tgt Ion:142 Resp: 93773
Ion Ratio Lower Upper
142 100
127 45.2 22.9 68.7
141 14.8 7.4 22.3



#12
Methyl Acetate
Concen: 19.379 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 43 Resp: 106722
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.6





#13

Acrolein

Concen: 109.419 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

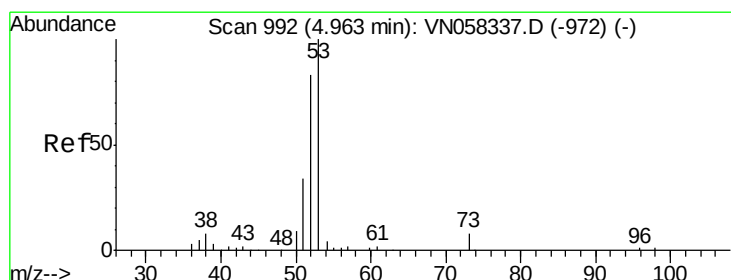
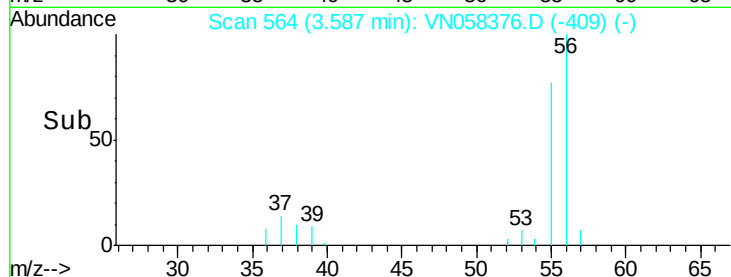
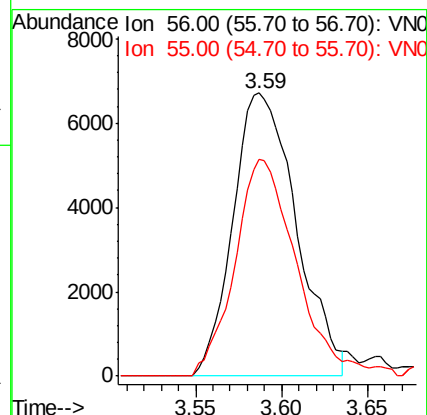
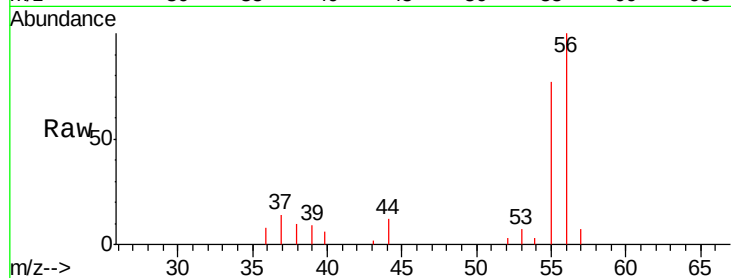
VN0926WBS01

Tgt Ion: 56 Resp: 17135

Ion Ratio Lower Upper

56 100

55 72.2 58.4 87.6



#14

Acrylonitrile

Concen: 99.685 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

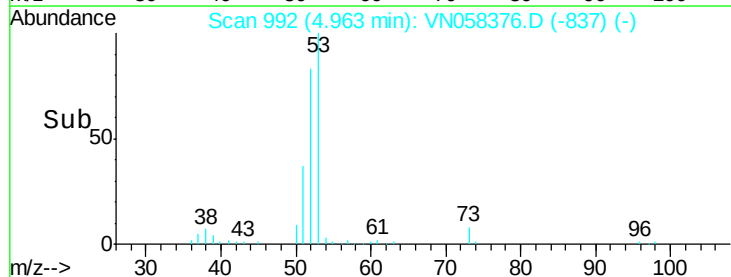
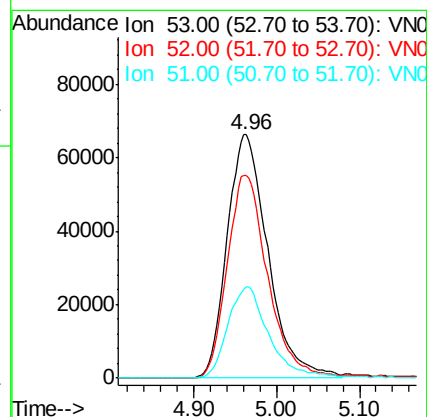
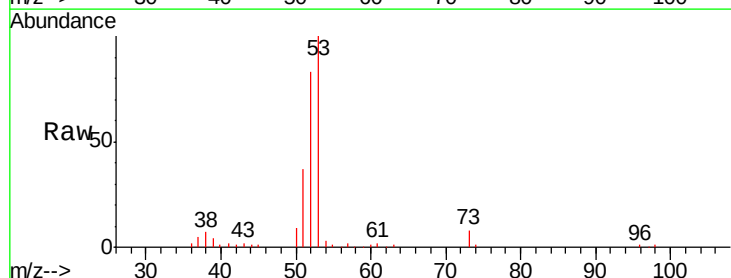
Tgt Ion: 53 Resp: 226678

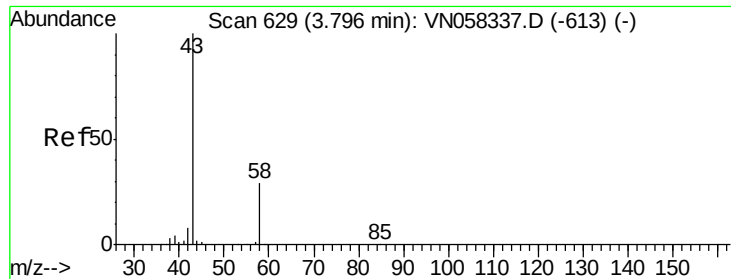
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.7

51 37.6 18.3 54.8





#15

Acetone

Concen: 104.353 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

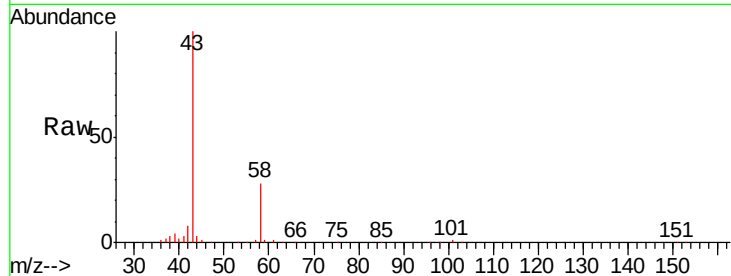
VN0926WBS01

Tgt Ion: 58 Resp: 65795

Ion Ratio Lower Upper

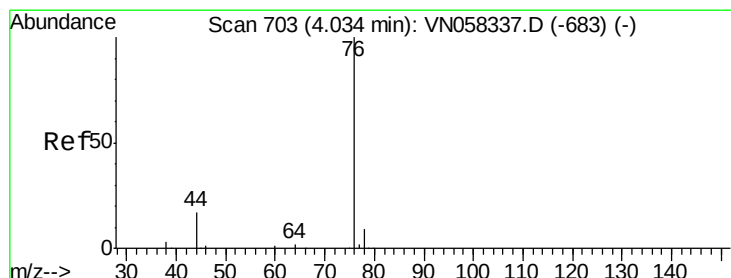
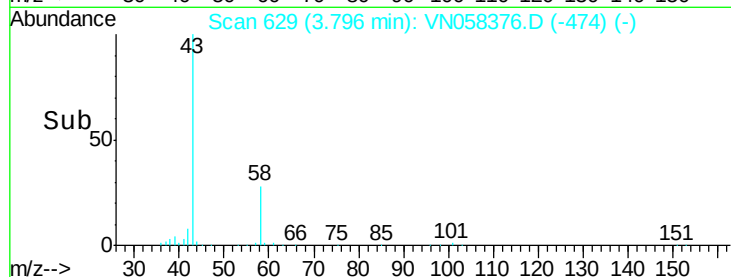
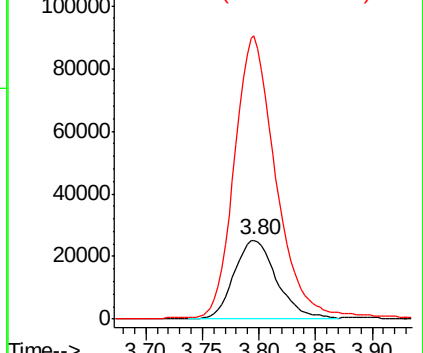
58 100

43 357.8 272.6 409.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.427 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN058376.D

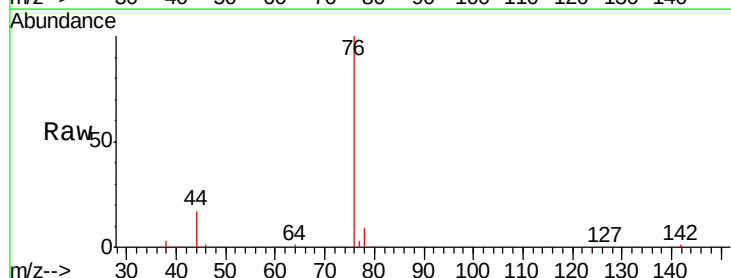
Acq: 26 Sep 2019 11:39

Tgt Ion: 76 Resp: 223231

Ion Ratio Lower Upper

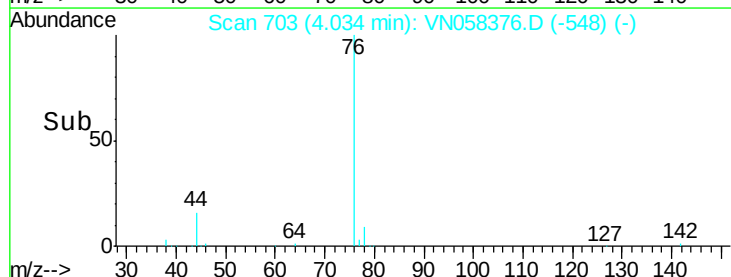
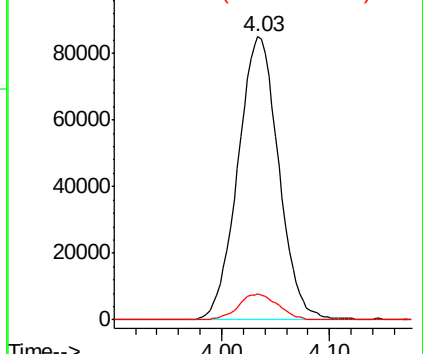
76 100

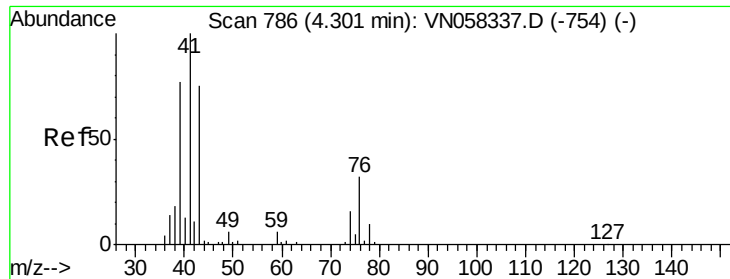
78 9.0 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 19.481 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

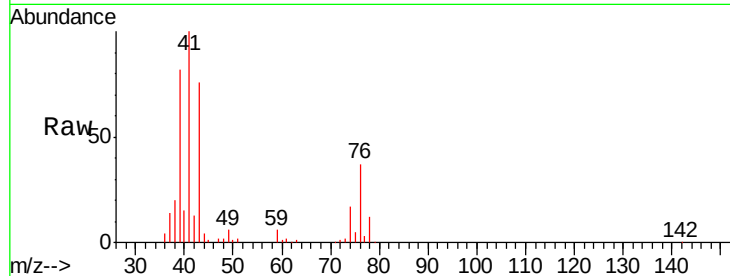
Tgt Ion: 41 Resp: 150459

Ion Ratio Lower Upper

41 100

39 82.3 38.7 116.1

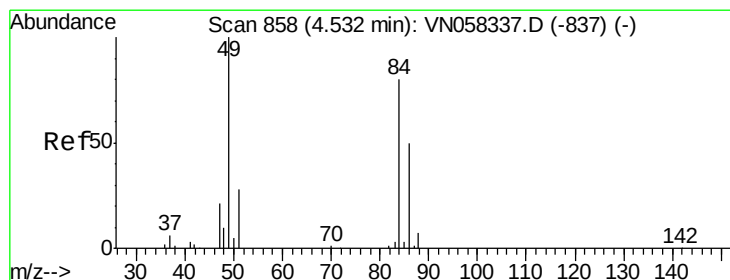
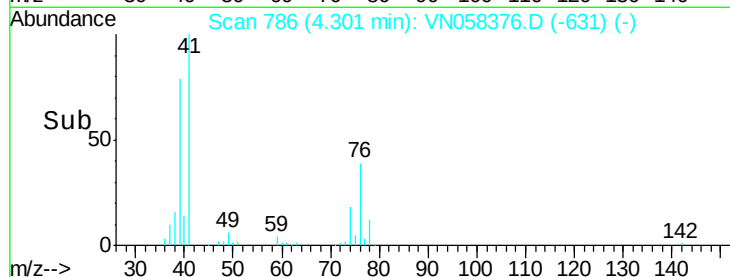
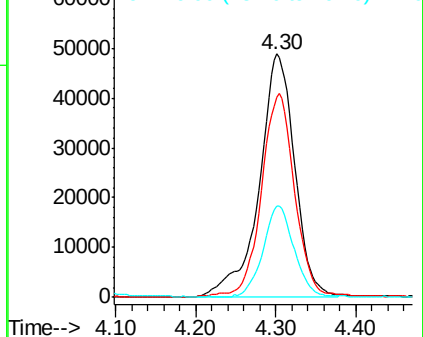
76 37.1 16.4 49.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 76.00 (75.70 to 76.70): VN0



#18

Methylene Chloride

Concen: 20.849 ug/l

RT: 4.53 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Tgt Ion: 84 Resp: 101699

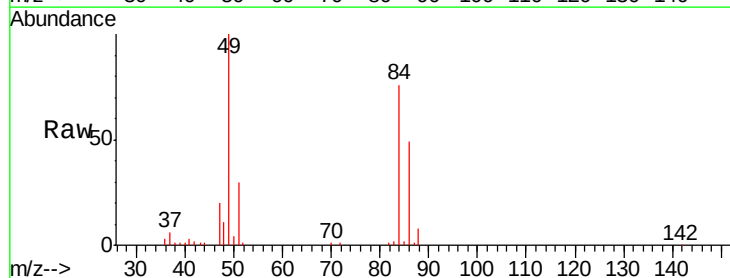
Ion Ratio Lower Upper

84 100

49 131.5 99.8 149.6

51 40.1 28.3 42.5

86 64.4 49.8 74.6

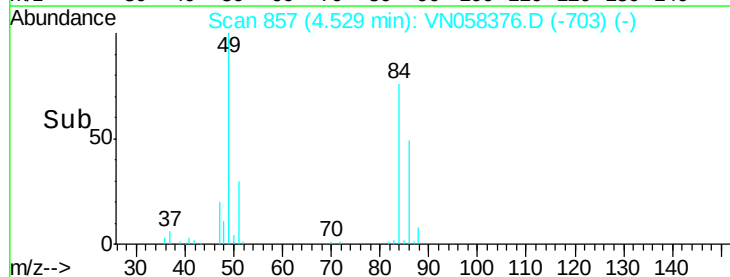
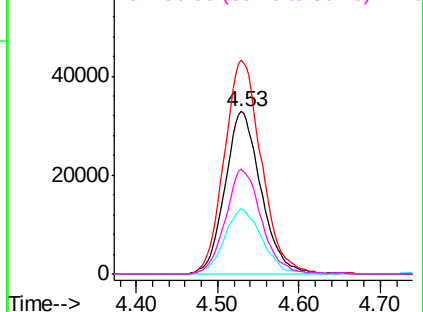


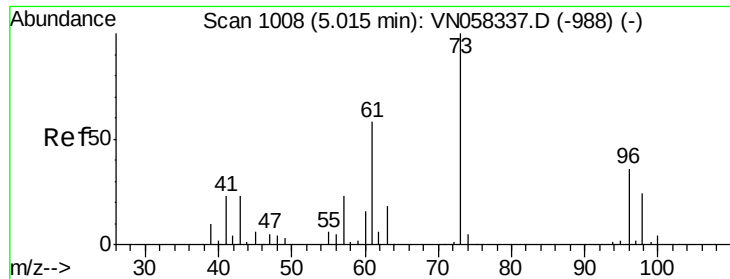
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

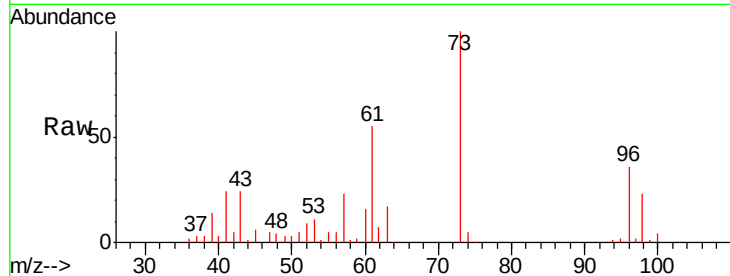




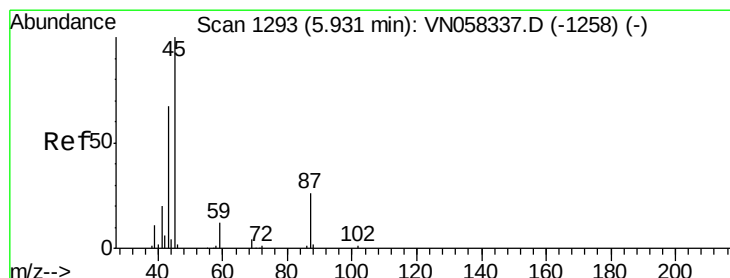
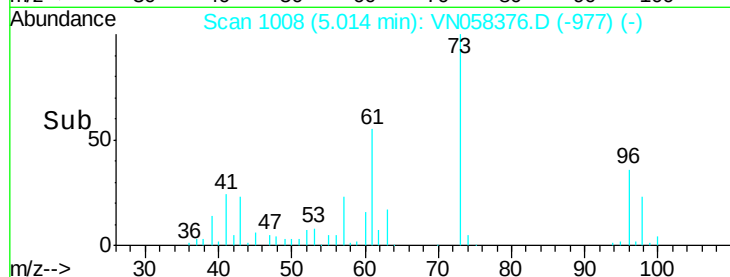
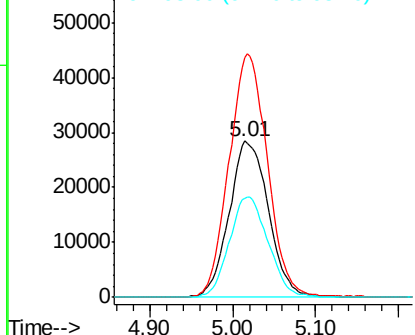
#19
trans-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

Tgt Ion: 96 Resp: 94055
Ion Ratio Lower Upper
96 100
61 153.6 128.0 192.0
98 63.8 53.0 79.6

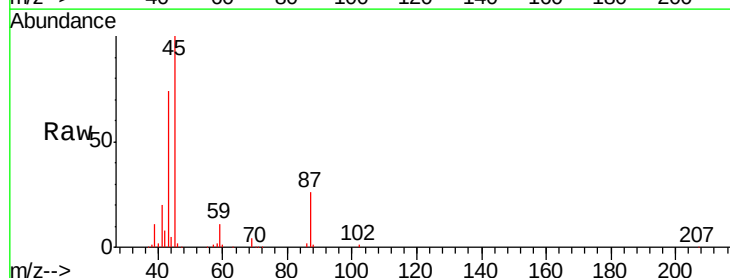


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

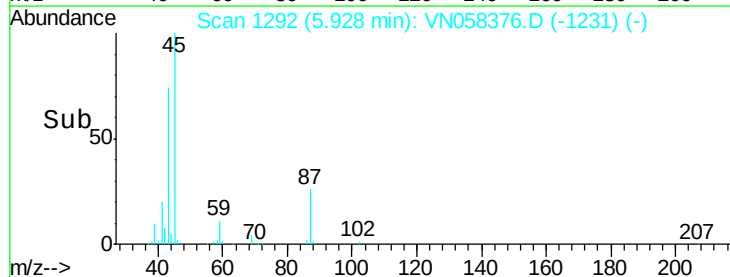
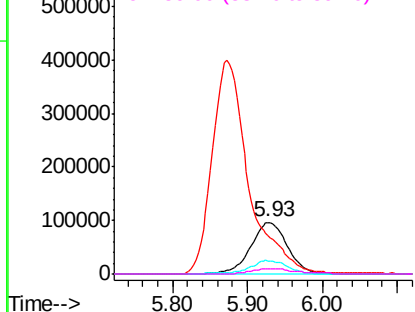


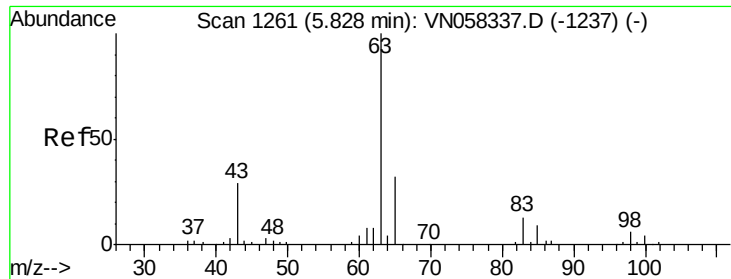
#20
Diisopropyl ether
Concen: 20.164 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 45 Resp: 331847
Ion Ratio Lower Upper
45 100
43 71.9 54.1 81.1
87 25.5 21.4 32.2
59 10.2 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

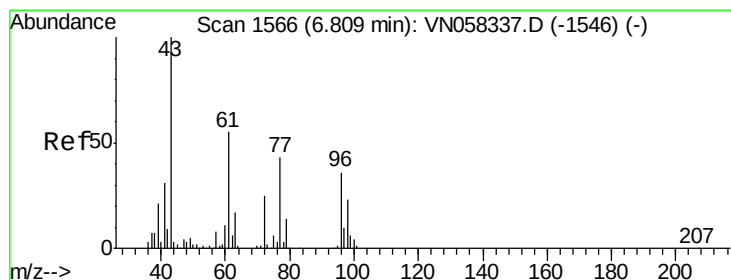
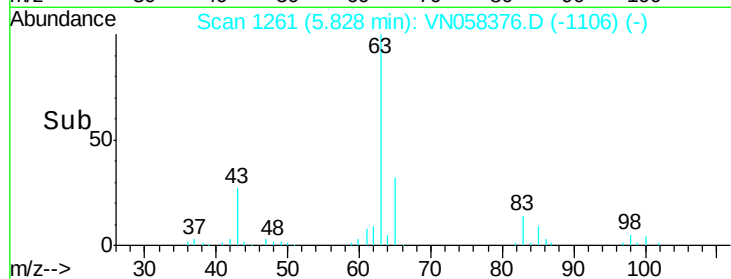
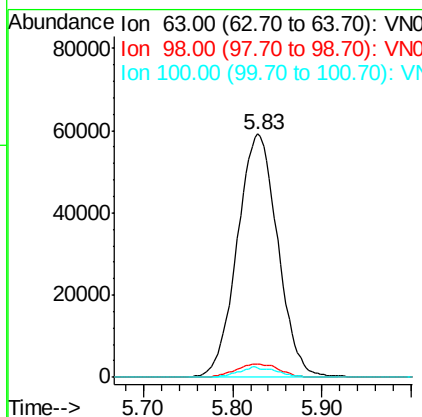
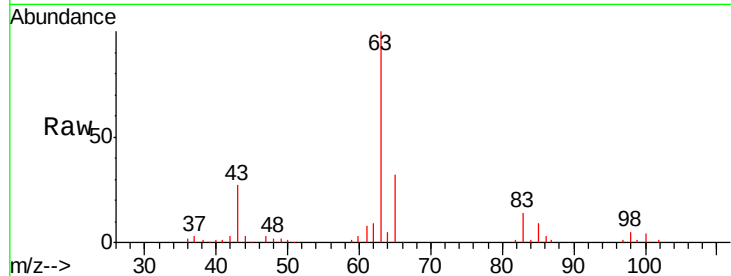




#21
 1,1-Dichloroethane
 Concen: 20.290 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

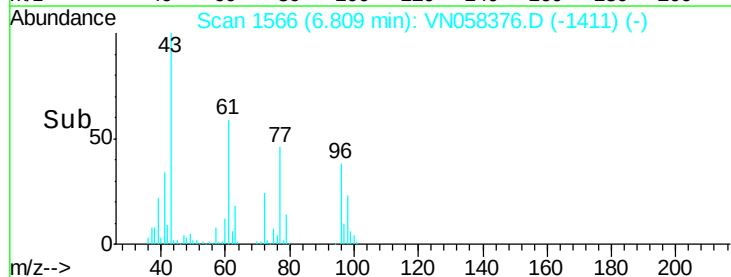
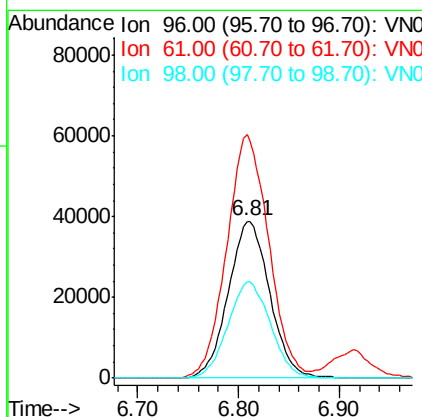
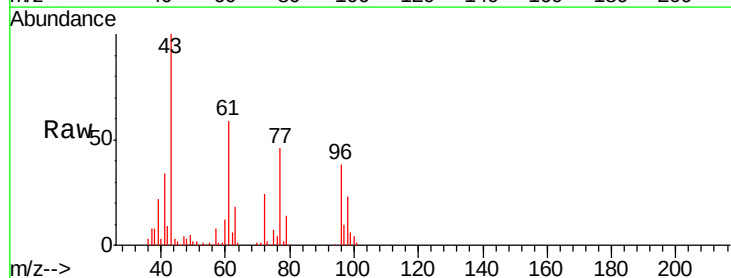
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

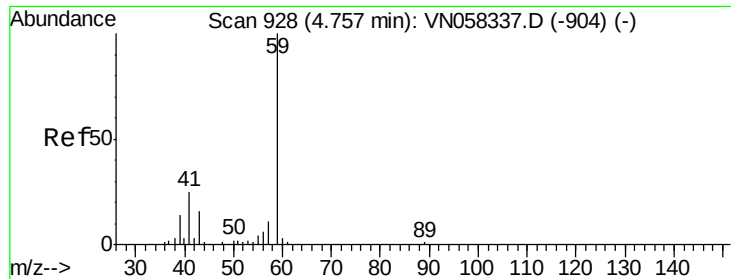
Tgt Ion: 63 Resp: 186857
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.0 9.2
 100 4.0 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 20.578 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 96 Resp: 110801
 Ion Ratio Lower Upper
 96 100
 61 157.3 128.2 192.2
 98 63.2 50.6 76.0





#23

tert-Butyl Alcohol

Concen: 87.218 ug/l

RT: 4.76 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

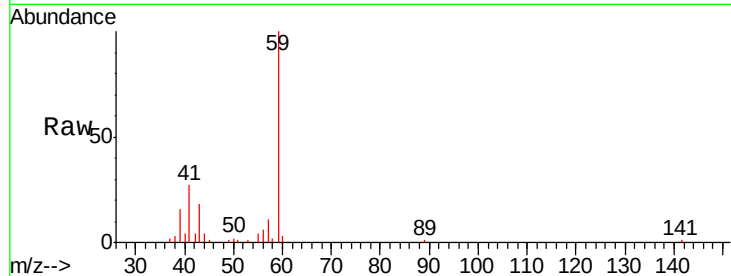
VN0926WBS01

Tgt Ion: 59 Resp: 73215

Ion Ratio Lower Upper

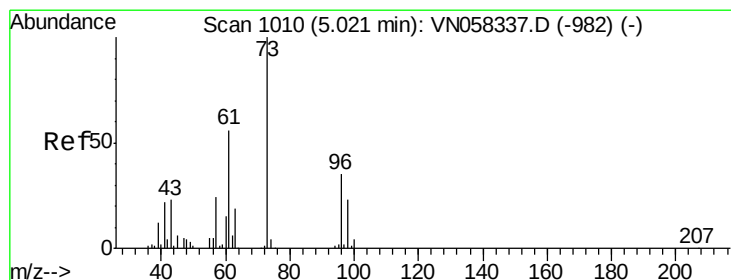
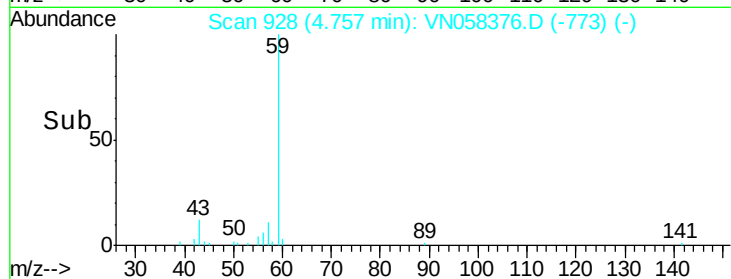
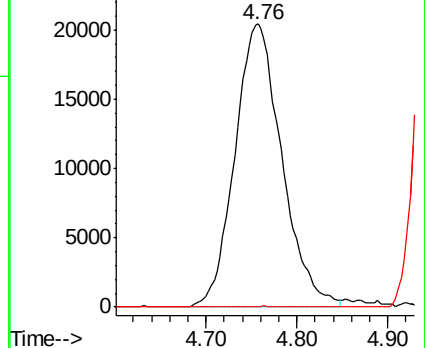
59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.841 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN058376.D

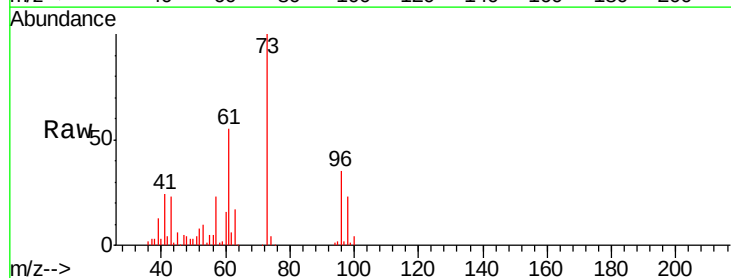
Acq: 26 Sep 2019 11:39

Tgt Ion: 73 Resp: 294481

Ion Ratio Lower Upper

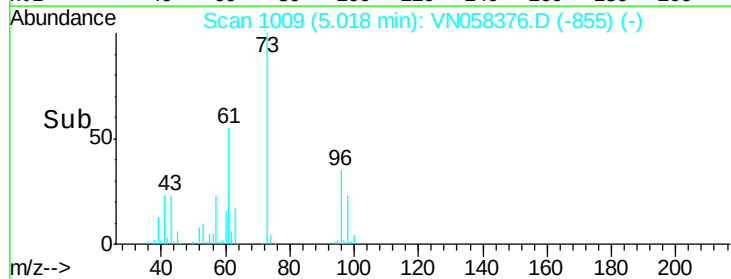
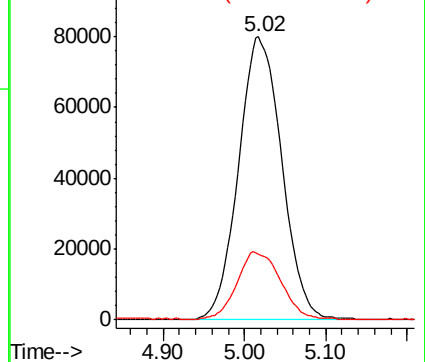
73 100

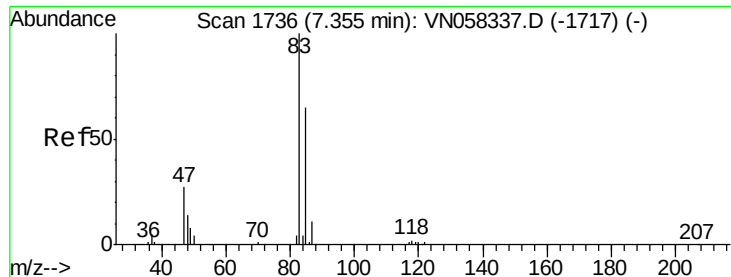
43 24.6 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 20.567 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

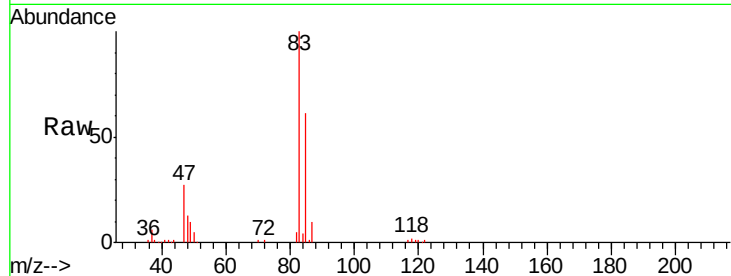
VN0926WBS01

Tgt Ion: 83 Resp: 191786

Ion Ratio Lower Upper

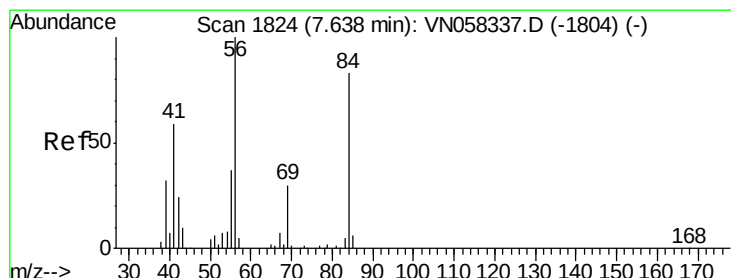
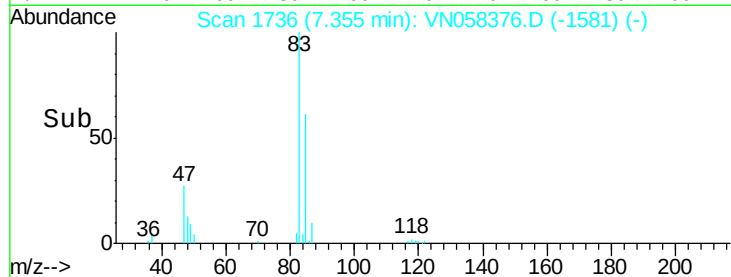
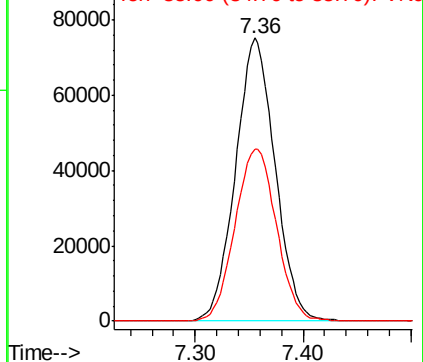
83 100

85 60.7 51.8 77.6



Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 85.00 (84.70 to 85.70): VNO



#26

Cyclohexane

Concen: 19.963 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

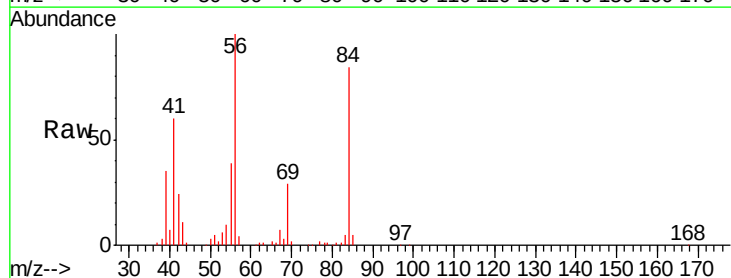
Tgt Ion: 56 Resp: 171831

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

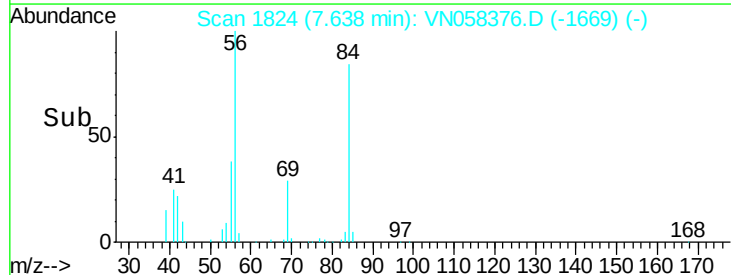
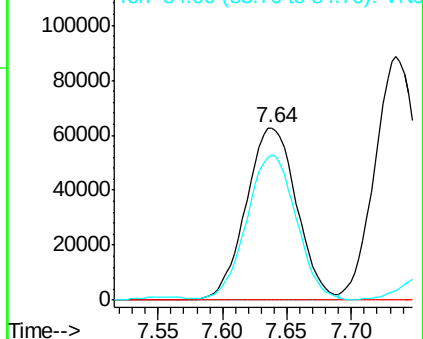
84 81.2 66.9 100.3

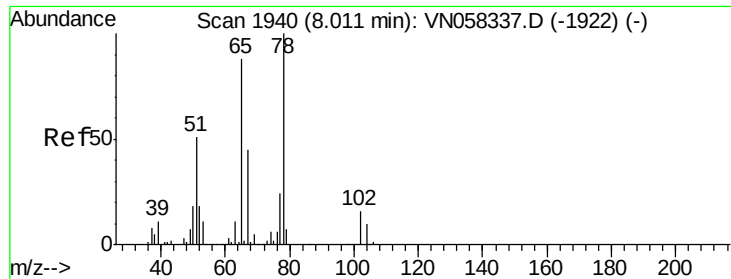


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 89.00 (88.70 to 89.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

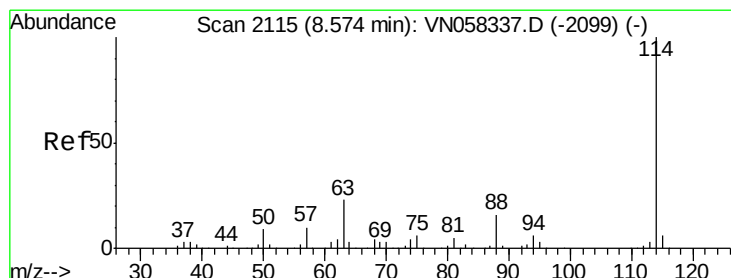
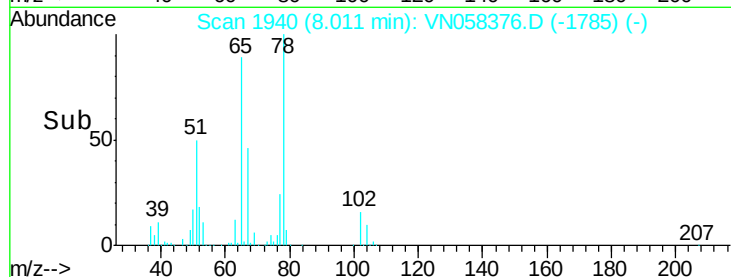
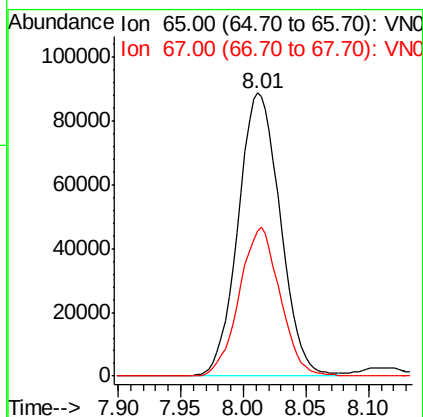
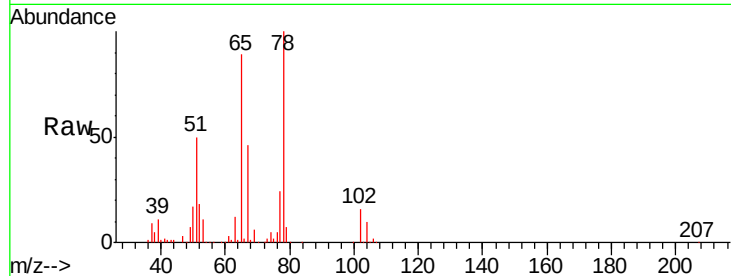




#27
 1,2-Dichloroethane-d4
 Concen: 31.195 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

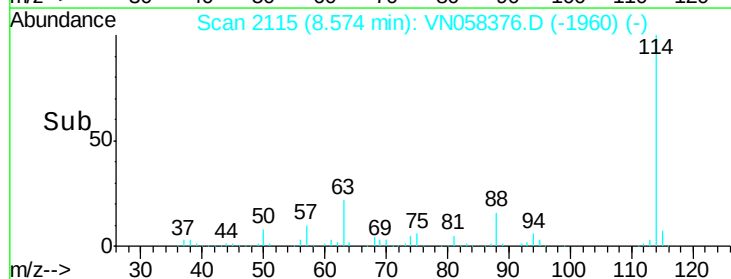
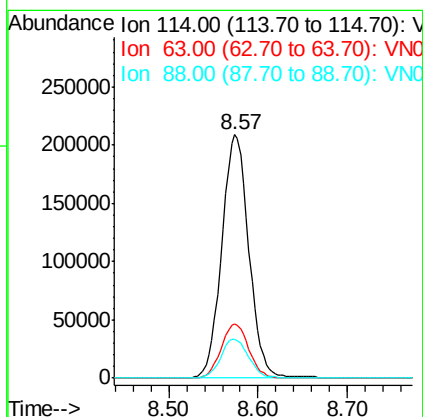
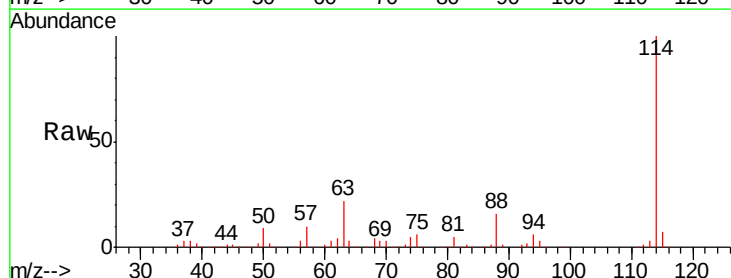
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

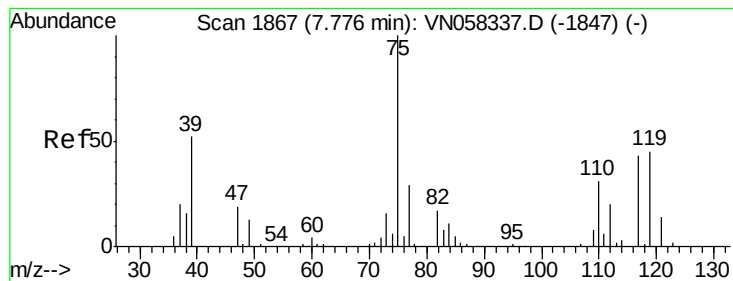
Tgt Ion: 65 Resp: 207704
 Ion Ratio Lower Upper
 65 100
 67 50.8 40.4 60.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 114 Resp: 438784
 Ion Ratio Lower Upper
 114 100
 63 22.6 17.8 26.8
 88 16.4 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.946 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

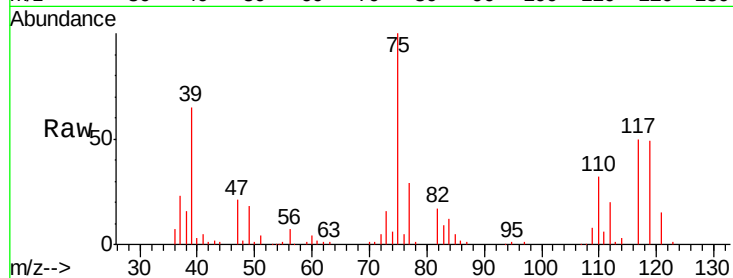
Tgt Ion: 75 Resp: 142862

Ion Ratio Lower Upper

75 100

110 33.1 0.0 63.6

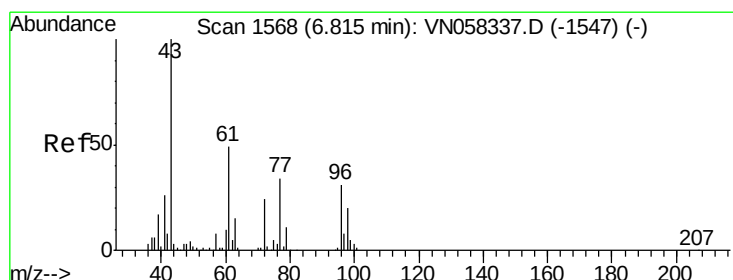
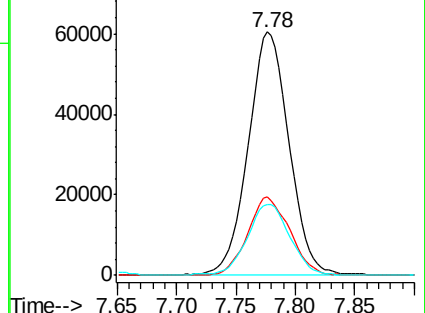
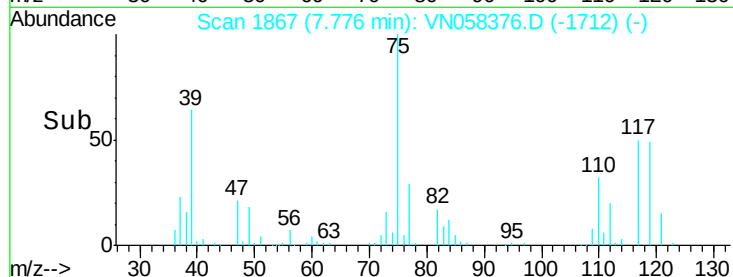
77 30.3 0.0 59.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 98.003 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

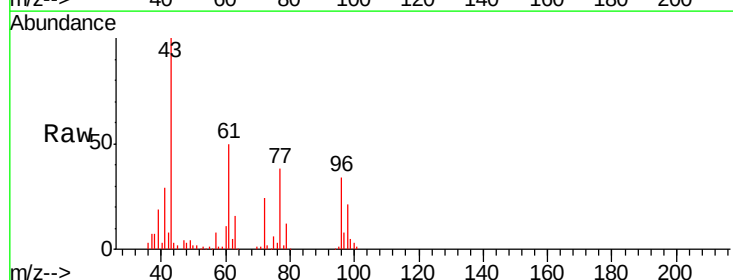
Tgt Ion: 43 Resp: 318721

Ion Ratio Lower Upper

43 100

57 8.1 6.2 9.4

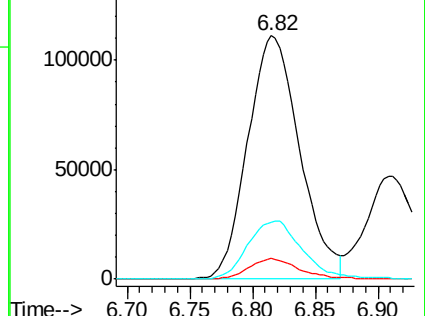
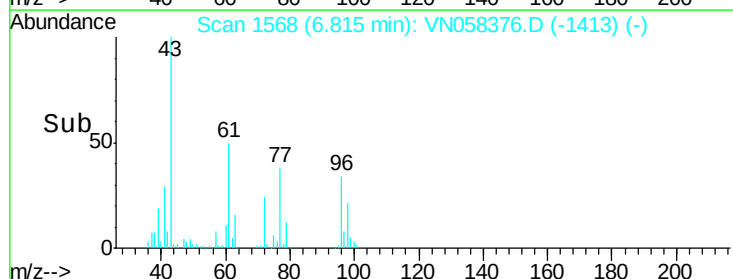
72 25.3 20.3 30.5

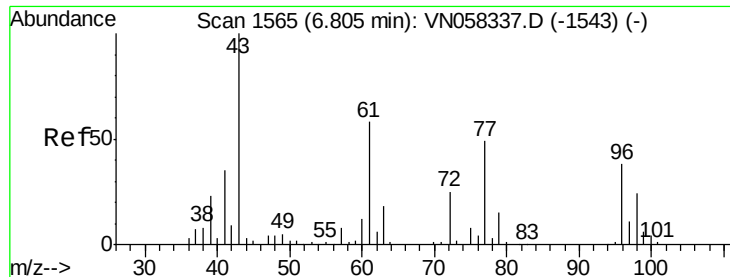


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

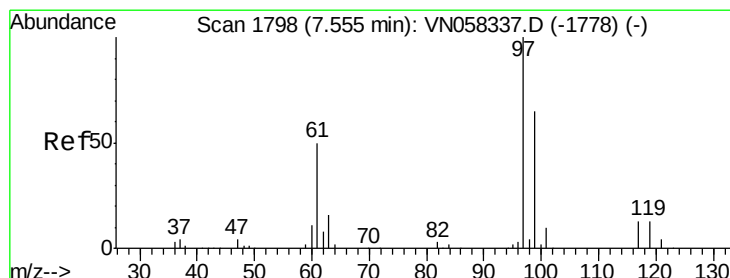
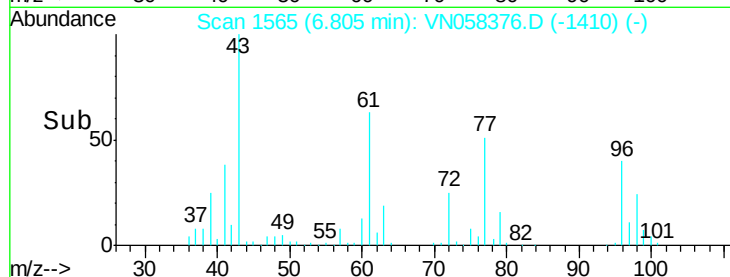
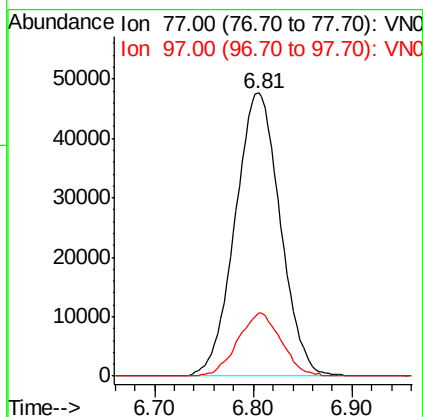
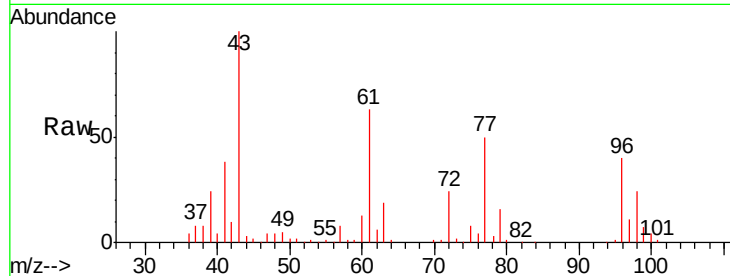




#31
 2,2-Dichloropropane
 Concen: 20.500 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

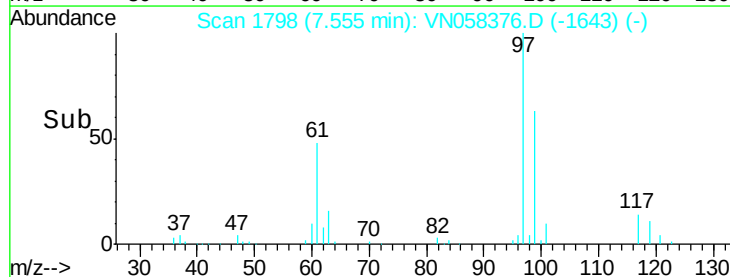
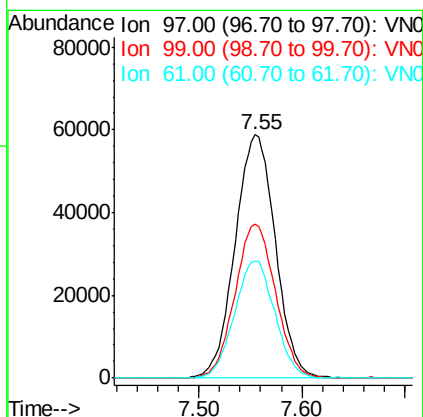
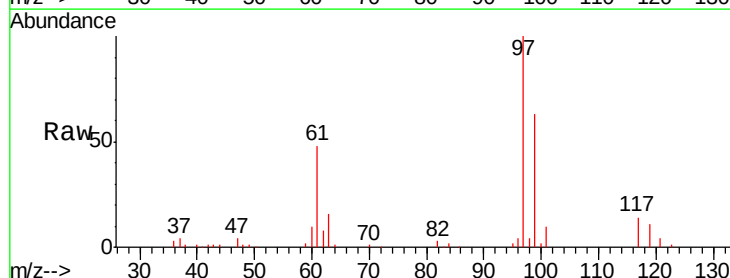
Instrument :
 MSVOA_N
 ClientSampled :
 VN0926WBS01

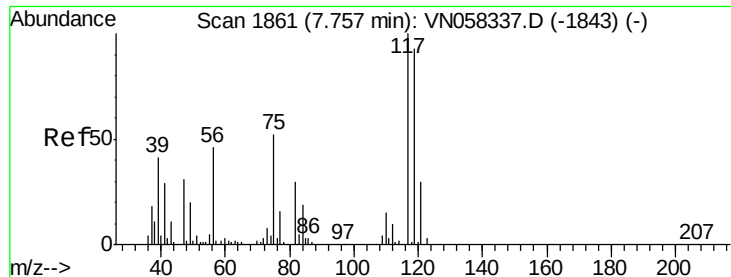
Tgt Ion: 77 Resp: 151160
 Ion Ratio Lower Upper
 77 100
 97 21.3 17.6 26.4



#32
 1,1,1-Trichloroethane
 Concen: 20.689 ug/l
 RT: 7.55 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 97 Resp: 159828
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.8 77.6
 61 48.3 39.4 59.2

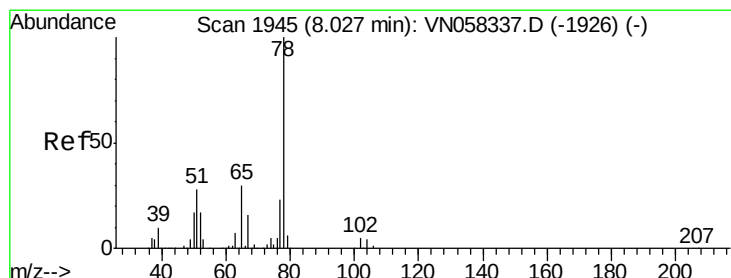
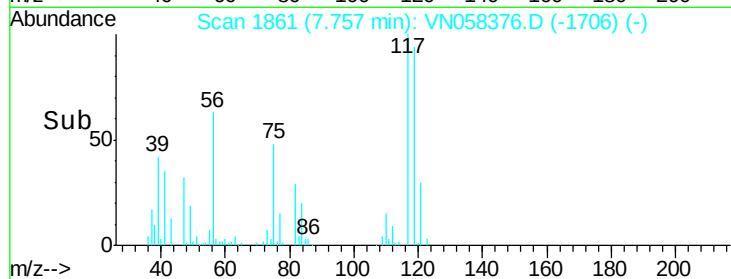
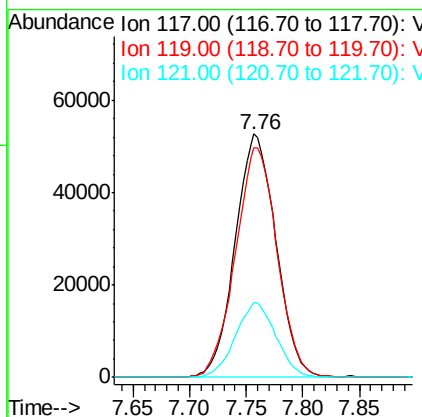
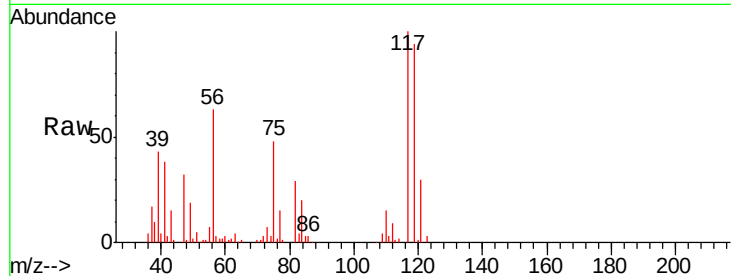




#33
Carbon Tetrachloride
Concen: 20.136 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

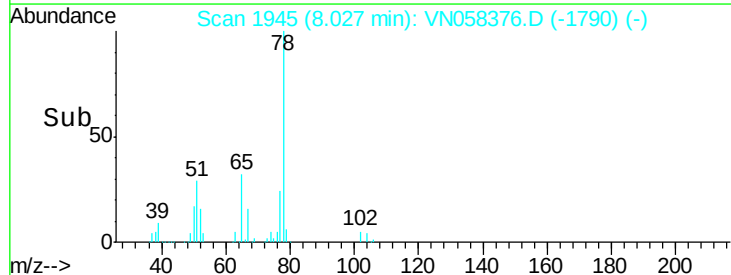
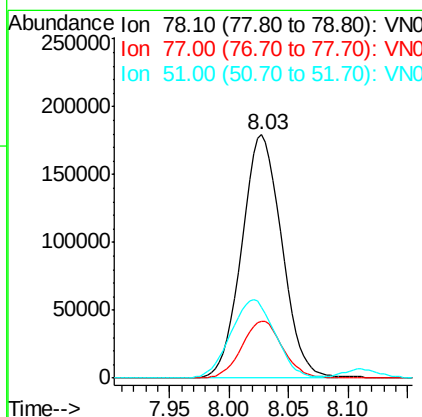
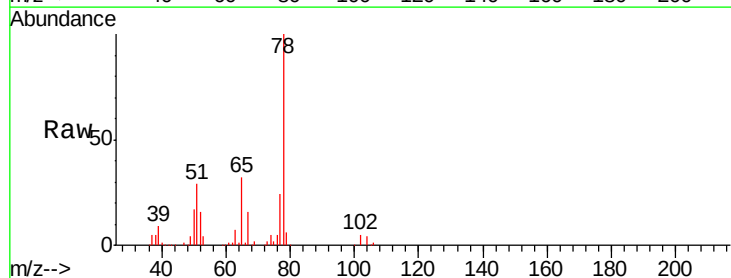
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

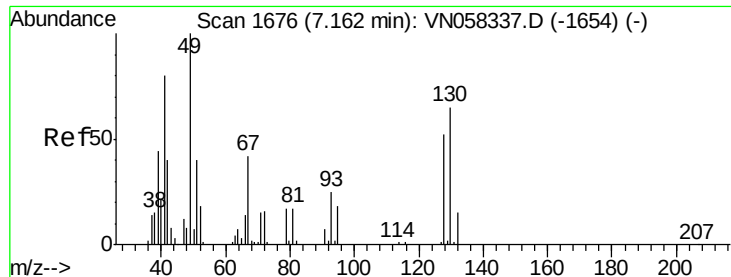
Tgt Ion: 117 Resp: 132158
Ion Ratio Lower Upper
117 100
119 94.5 74.2 111.4
121 30.5 23.9 35.9



#34
Benzene
Concen: 20.632 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 78 Resp: 419193
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2
51 29.0 22.4 33.6

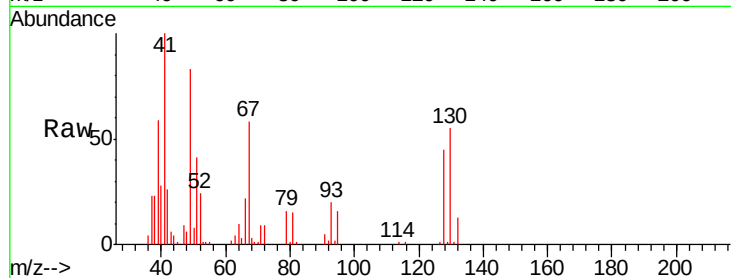




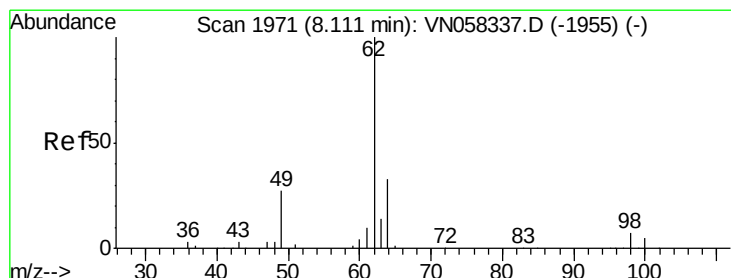
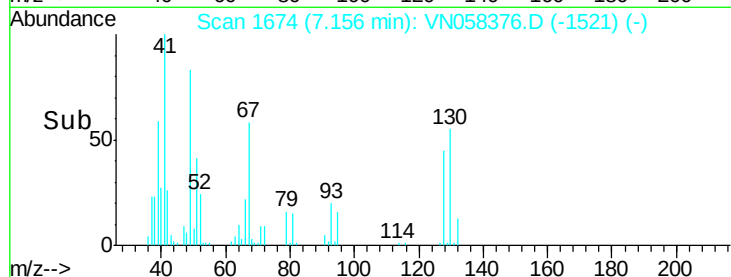
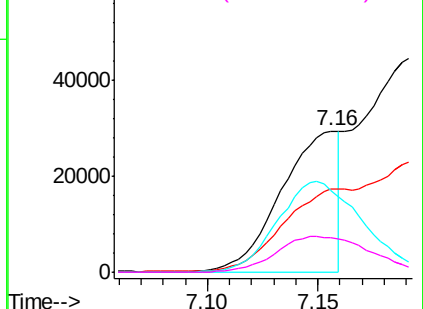
#35
Methacrylonitrile
Concen: 19.035 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

Tgt Ion:	41	Resp:	53246
Ion	Ratio	Lower	Upper
41	100		
39	58.3	27.3	81.9
67	58.1	26.3	78.9
52	24.3	11.0	33.0

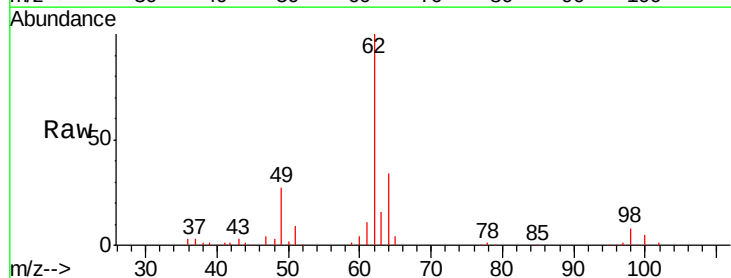


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

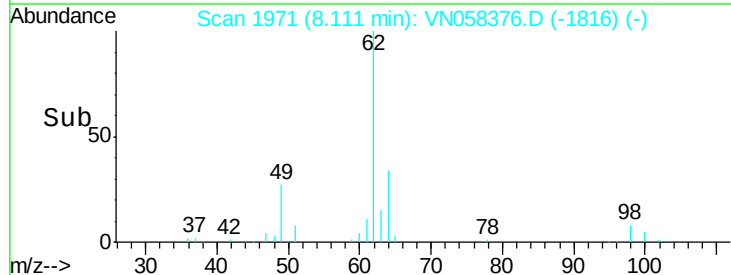
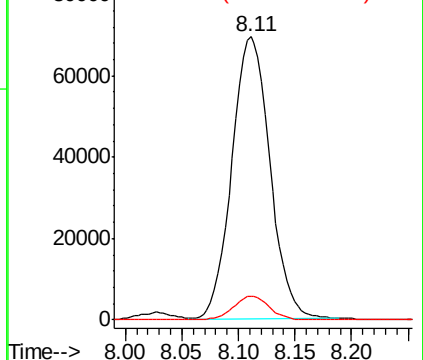


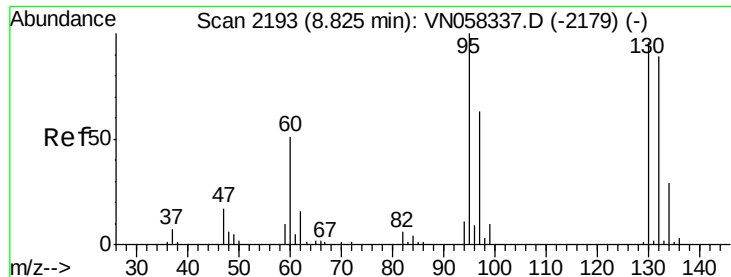
#36
1,2-Dichloroethane
Concen: 20.460 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion:	62	Resp:	162845
Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.0	9.0



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





#37

Trichloroethene

Concen: 20.232 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

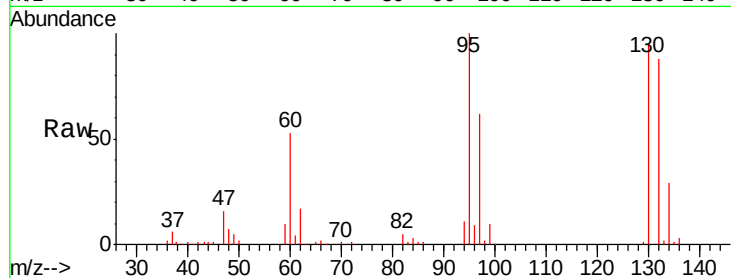
VN0926WBS01

Tgt Ion:130 Resp: 102914

Ion Ratio Lower Upper

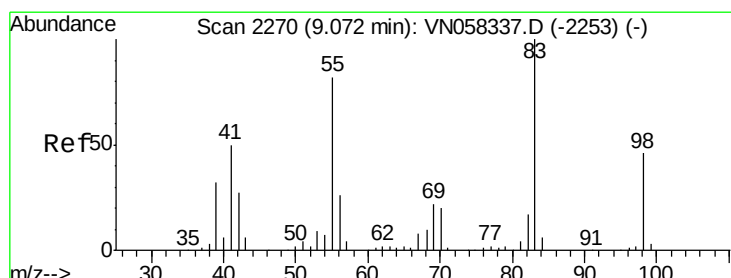
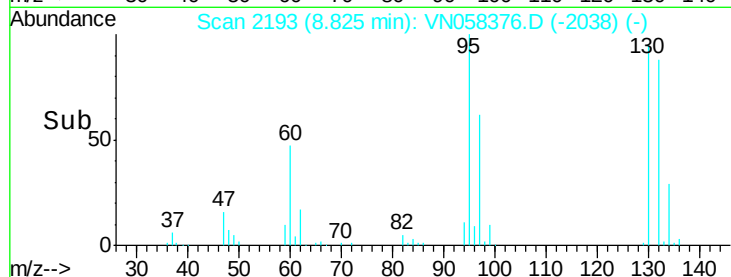
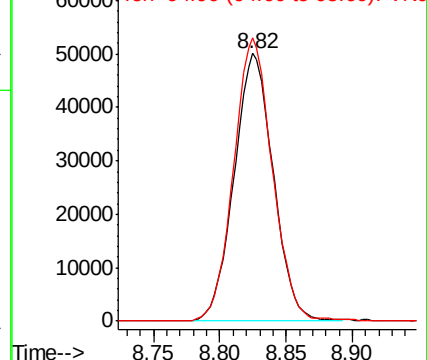
130 100

95 105.4 83.3 124.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.801 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

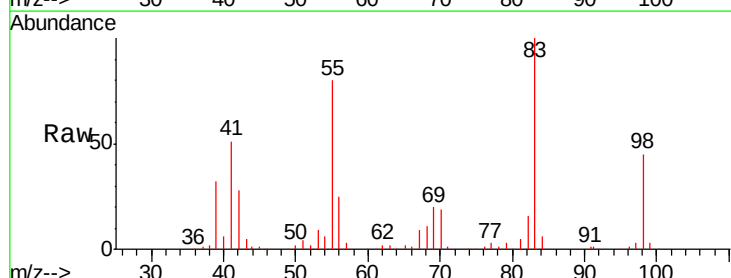
Tgt Ion: 83 Resp: 171493

Ion Ratio Lower Upper

83 100

55 79.3 40.5 121.4

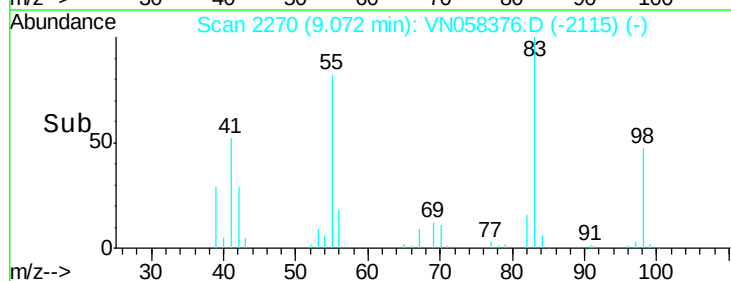
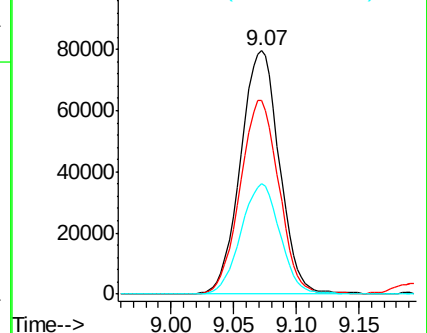
98 45.5 23.1 69.2

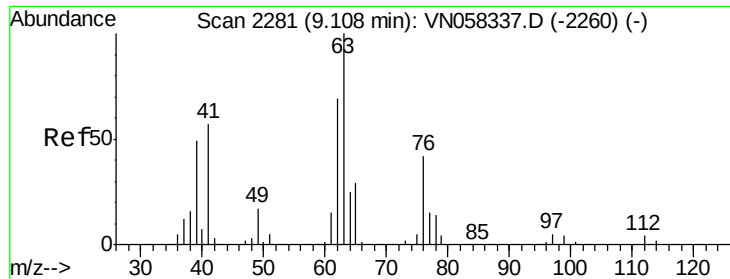


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

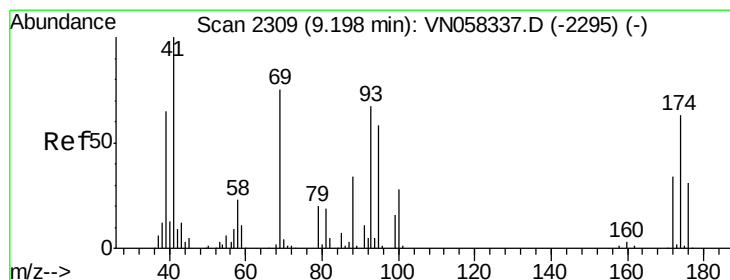
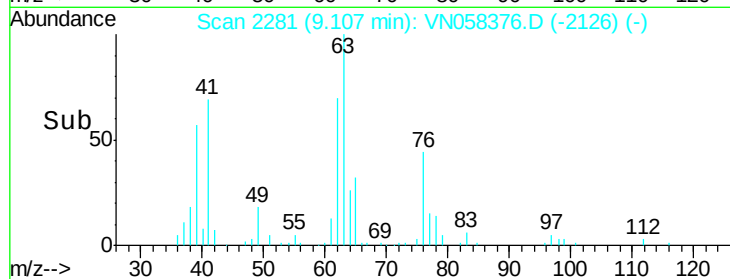
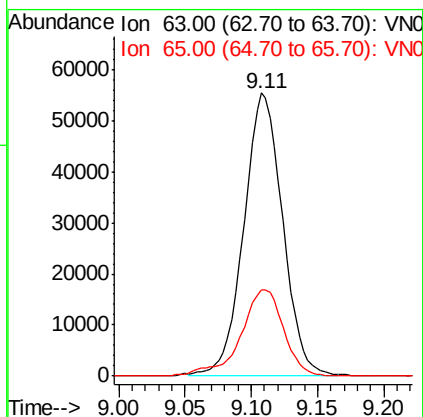
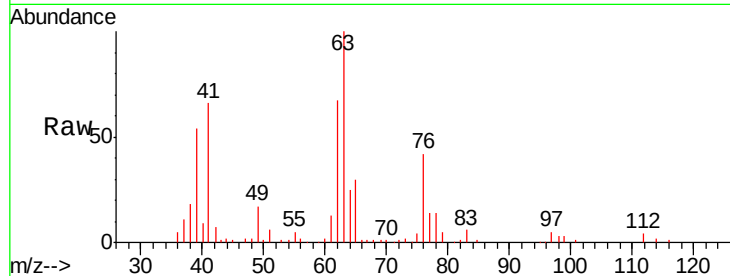




#39
 1,2-Dichloropropane
 Concen: 20.366 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

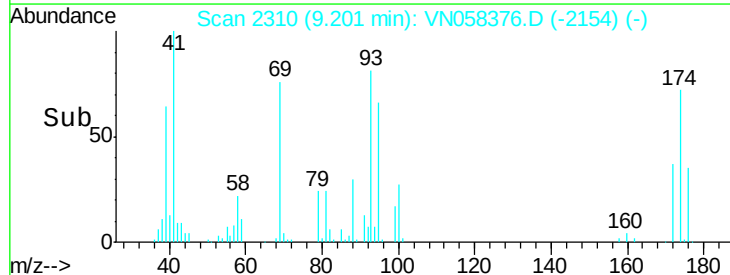
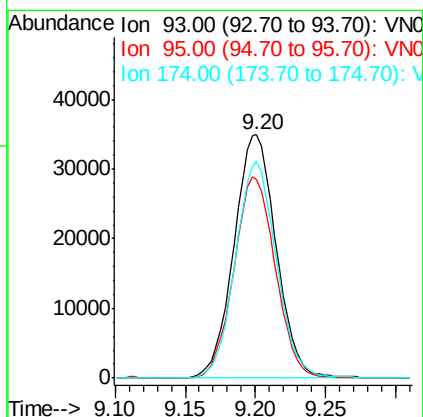
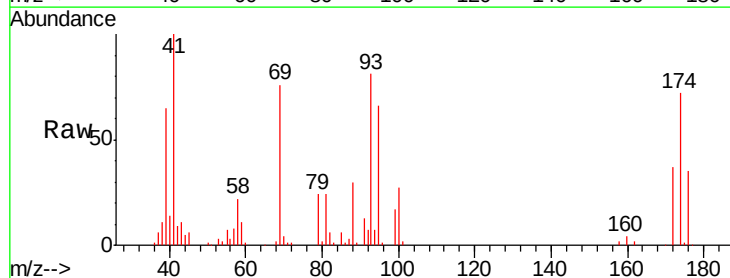
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

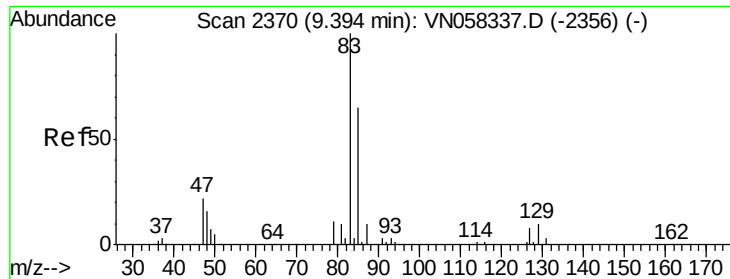
Tgt Ion: 63 Resp: 112874
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.4 35.0



#40
 Dibromomethane
 Concen: 20.876 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 93 Resp: 73022
 Ion Ratio Lower Upper
 93 100
 95 81.3 0.0 166.8
 174 86.4 0.0 187.2





#41

Bromodichloromethane

Concen: 19.999 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

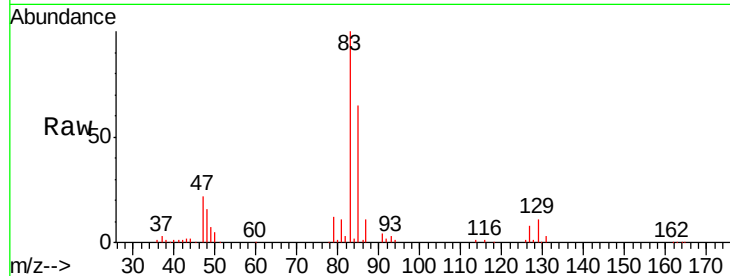
Tgt Ion: 83 Resp: 138266

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

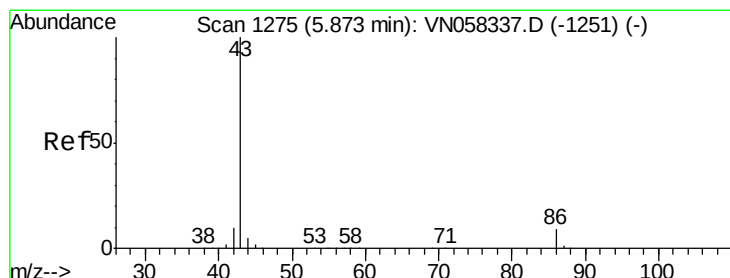
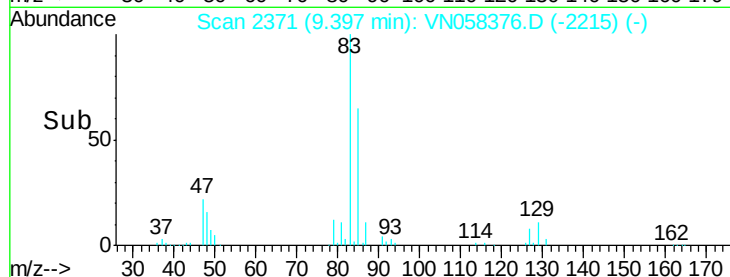
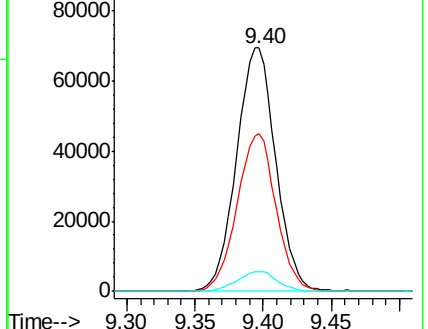
127 7.9 6.1 9.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 109.141 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN058376.D

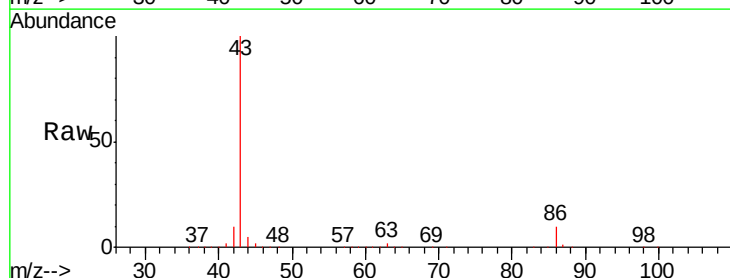
Acq: 26 Sep 2019 11:39

Tgt Ion: 43 Resp: 1355235

Ion Ratio Lower Upper

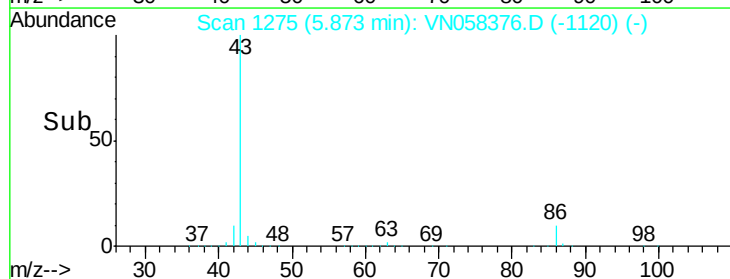
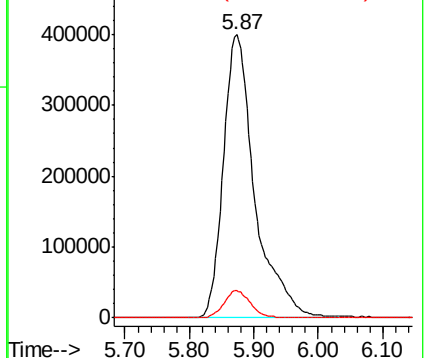
43 100

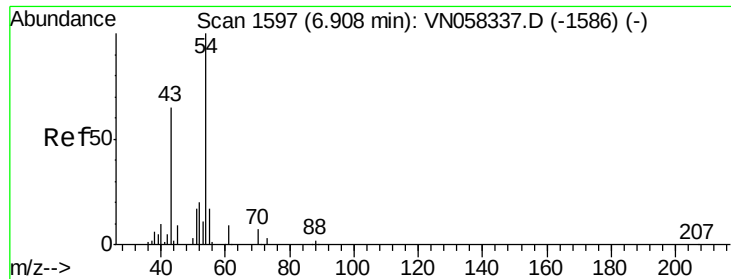
86 8.2 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 20.775 ug/l

RT: 6.91 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

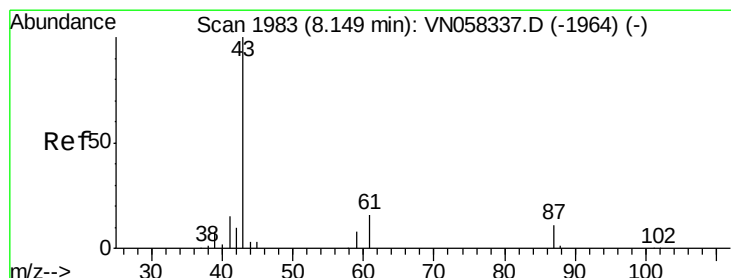
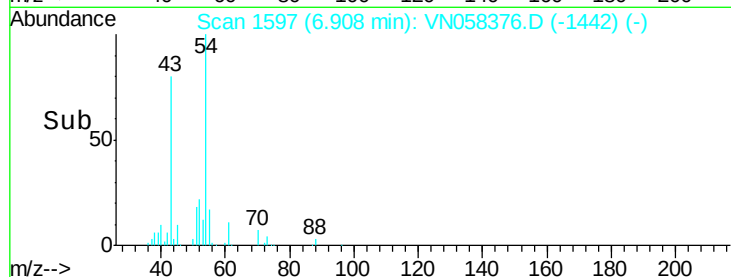
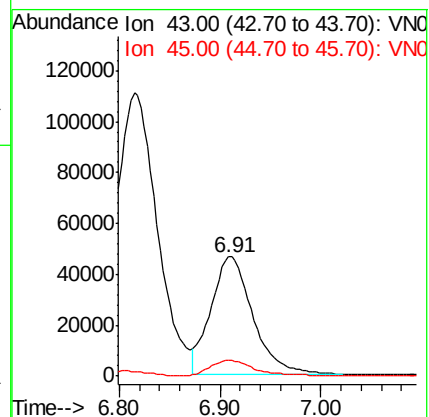
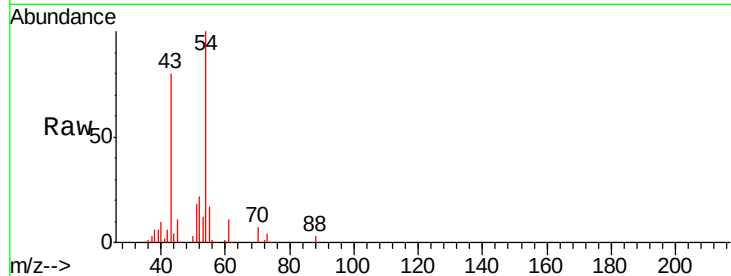
VN0926WBS01

Tgt Ion: 43 Resp: 134147

Ion Ratio Lower Upper

43 100

45 12.0 9.8 14.6



#44

Isopropyl Acetate

Concen: 18.999 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058376.D

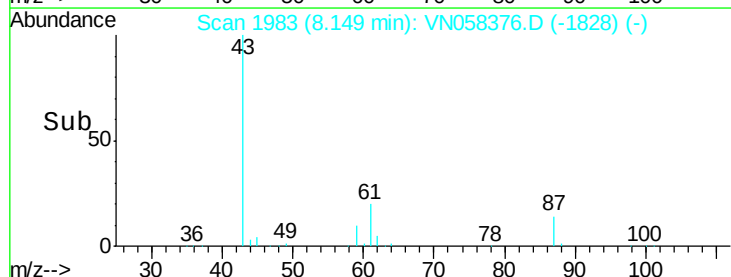
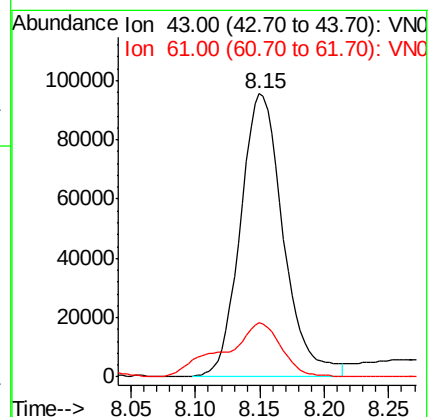
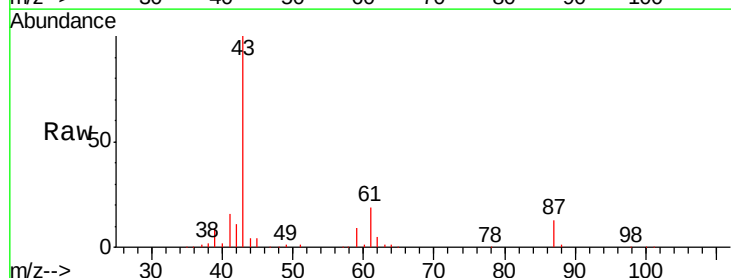
Acq: 26 Sep 2019 11:39

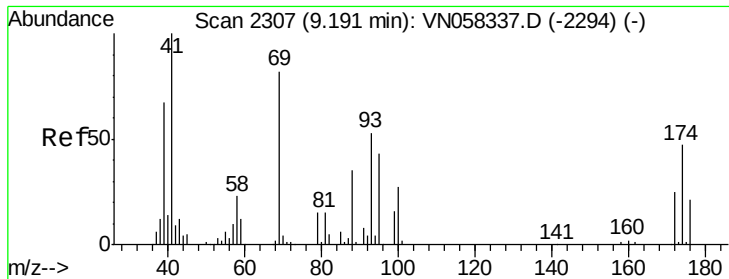
Tgt Ion: 43 Resp: 219618

Ion Ratio Lower Upper

43 100

61 17.7 14.4 21.6

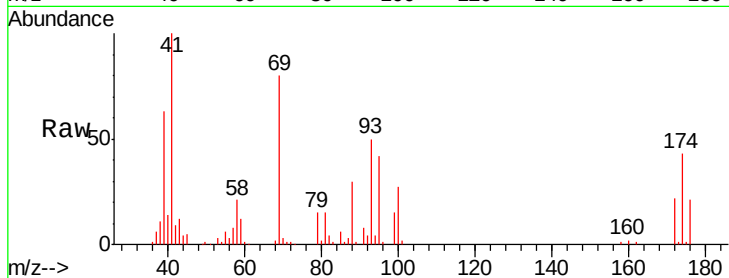




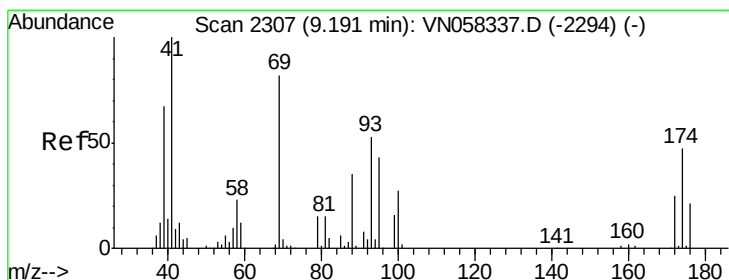
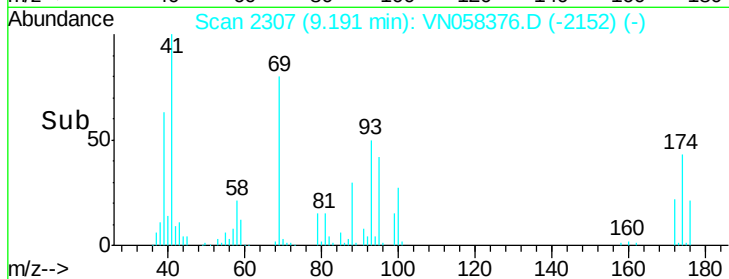
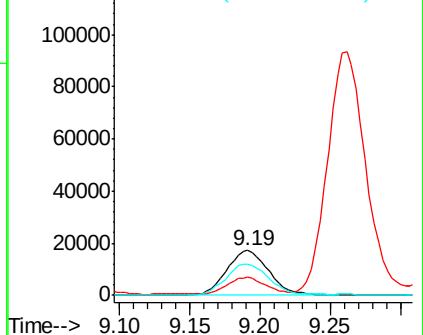
#45
 1,4-Dioxane
 Concen: 368.836 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Instrument :
 MSVOA_N
 ClientSampled :
 VN0926WBS01

Tgt Ion: 88 Resp: 35967
 Ion Ratio Lower Upper
 88 100
 43 32.6 27.2 40.8
 58 72.0 55.4 83.0

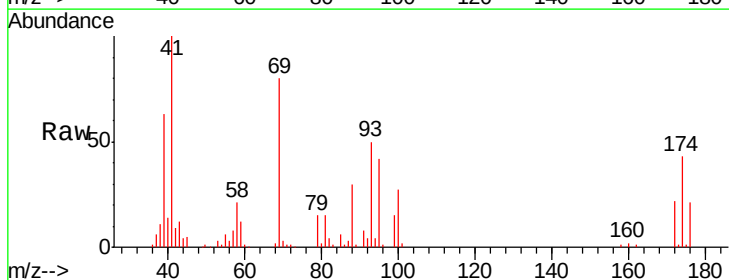


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

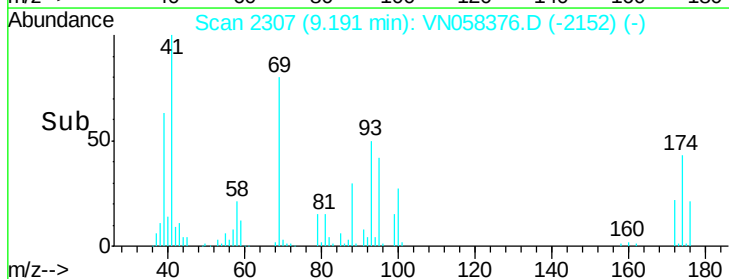
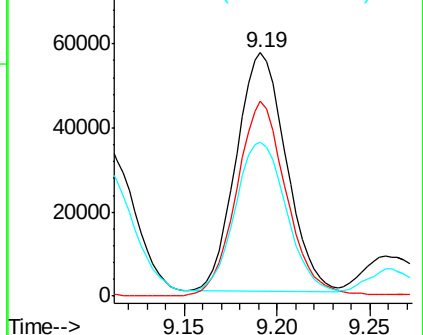


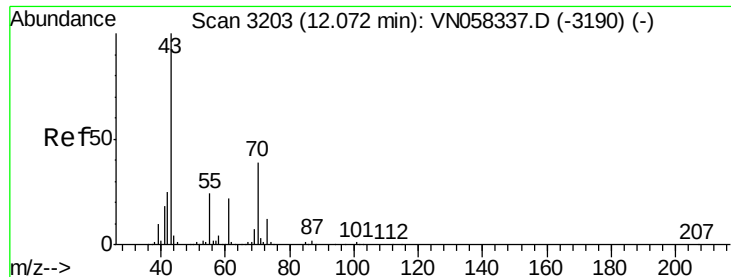
#46
 Methyl methacrylate
 Concen: 19.343 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 41 Resp: 105961
 Ion Ratio Lower Upper
 41 100
 69 81.4 40.9 122.7
 39 62.8 33.6 100.6



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





#47

n-amyl Acetate

Concen: 18.294 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

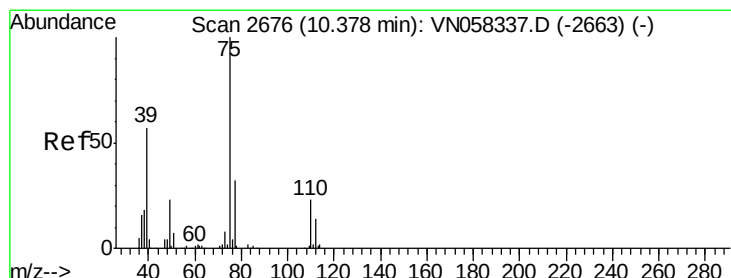
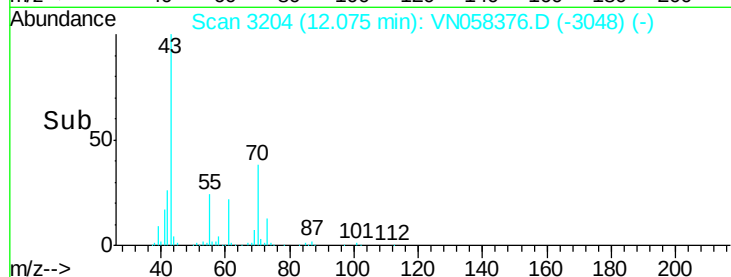
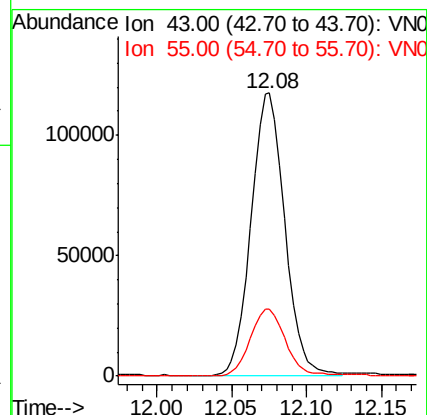
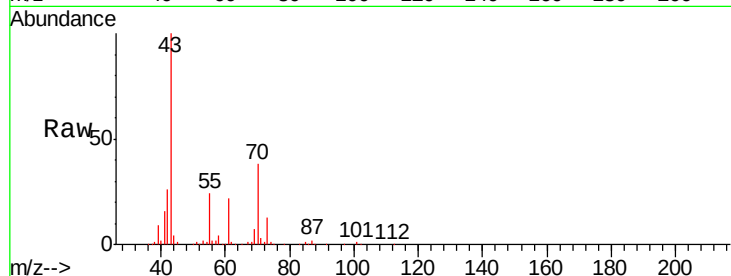
VN0926WBS01

Tgt Ion: 43 Resp: 184066

Ion Ratio Lower Upper

43 100

55 24.7 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 19.209 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058376.D

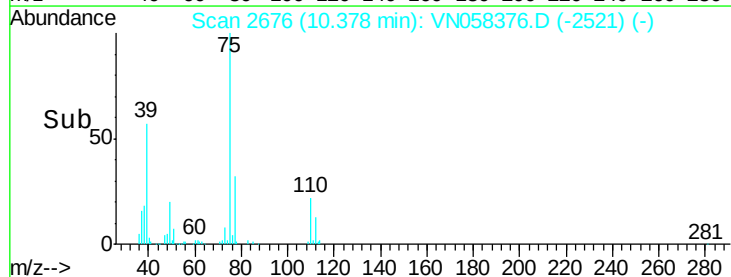
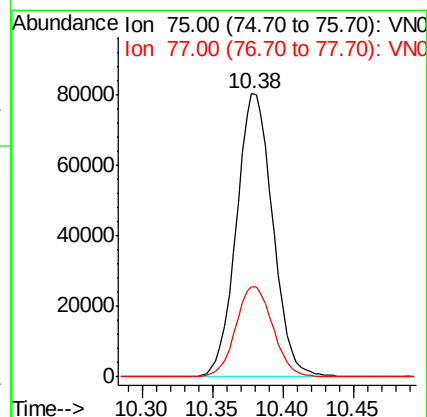
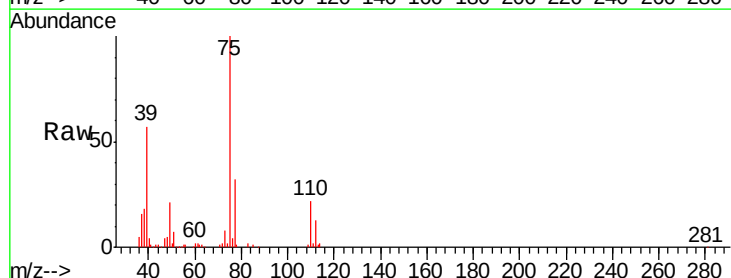
Acq: 26 Sep 2019 11:39

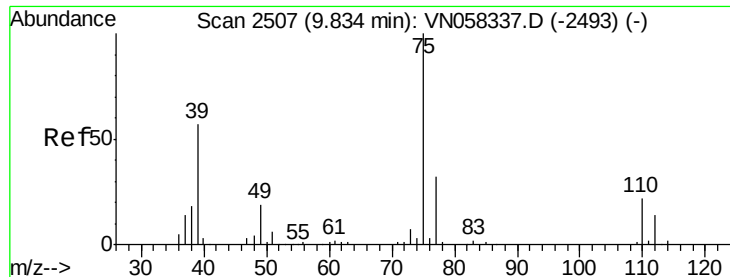
Tgt Ion: 75 Resp: 145116

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



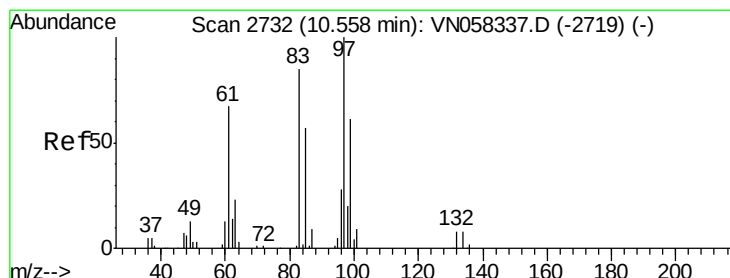
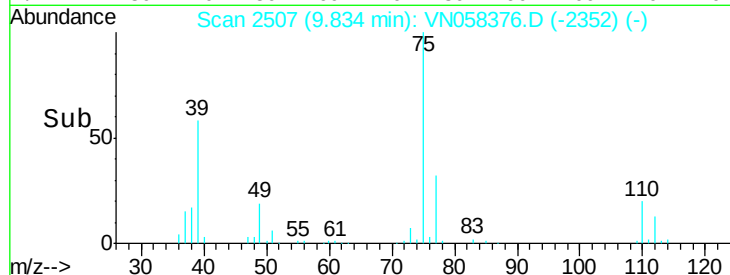
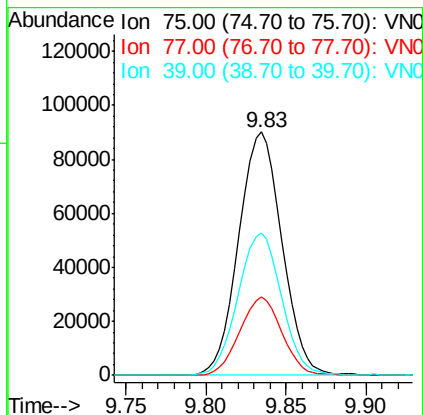
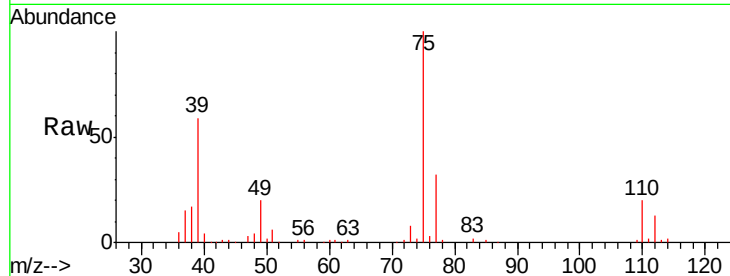


#49

cis-1,3-Dichloropropene
Concen: 19.797 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

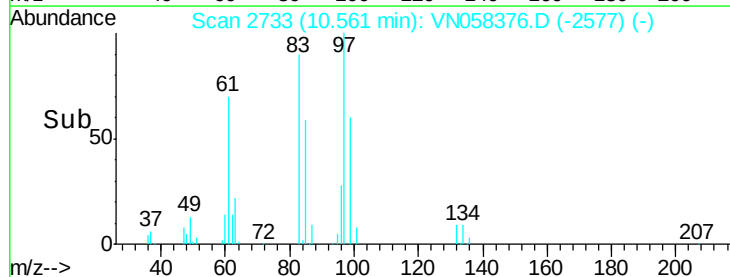
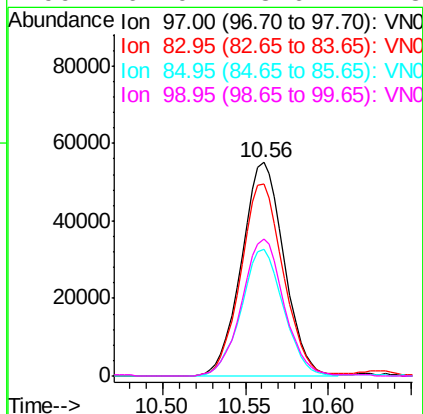
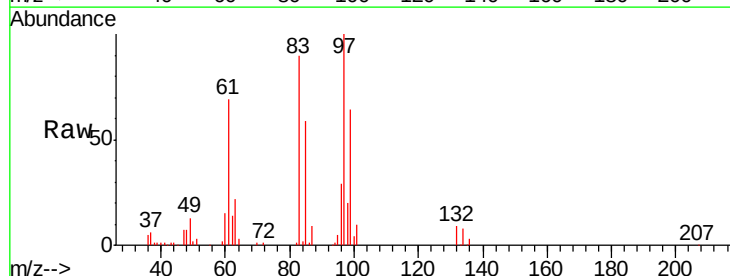
Tgt Ion: 75 Resp: 166520
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 58.4 45.8 68.6

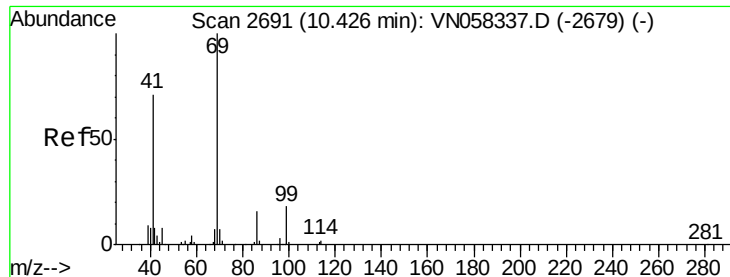


#50

1,1,2-Trichloroethane
Concen: 20.080 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 97 Resp: 98163
Ion Ratio Lower Upper
97 100
83 89.9 67.8 101.6
85 59.3 45.8 68.6
99 64.0 48.6 72.8





#51

Ethyl methacrylate

Concen: 19.130 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS01

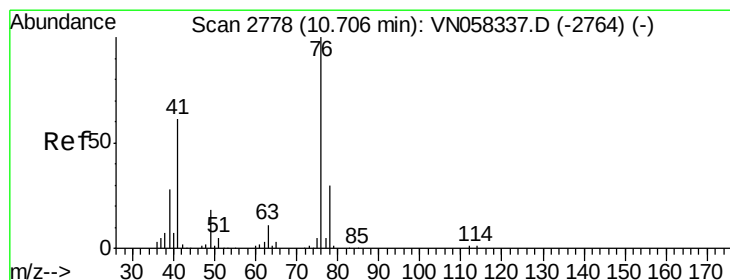
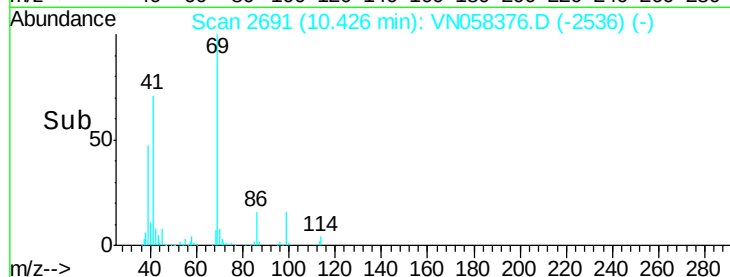
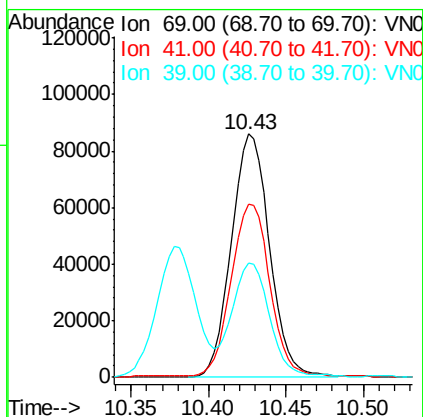
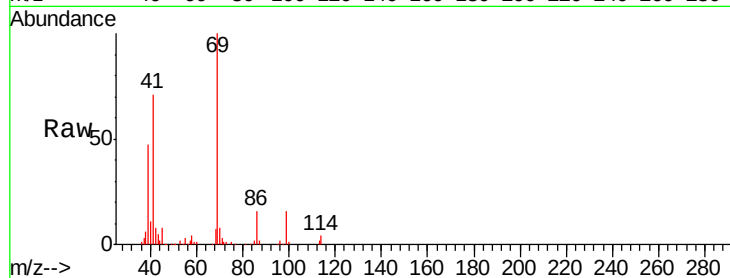
Tgt Ion: 69 Resp: 147964

Ion Ratio Lower Upper

69 100

41 70.5 35.4 106.1

39 46.6 23.5 70.5



#52

1,3-Dichloropropane

Concen: 20.164 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058376.D

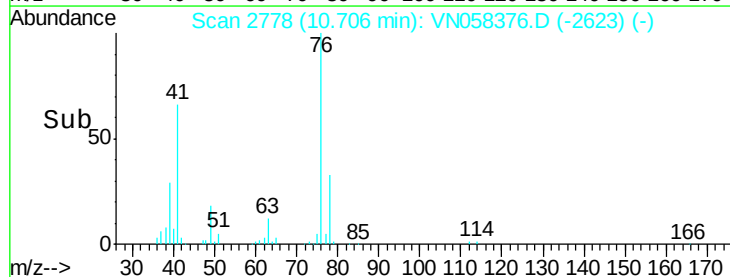
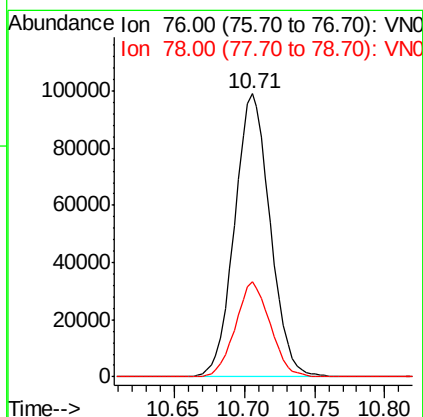
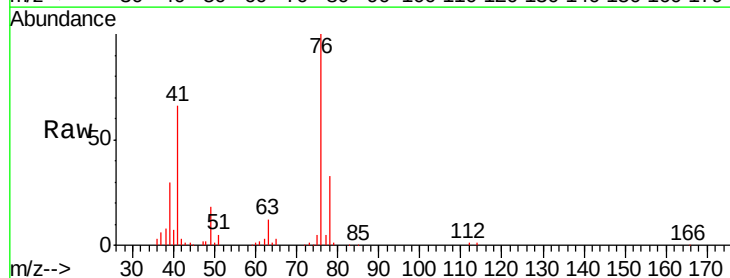
Acq: 26 Sep 2019 11:39

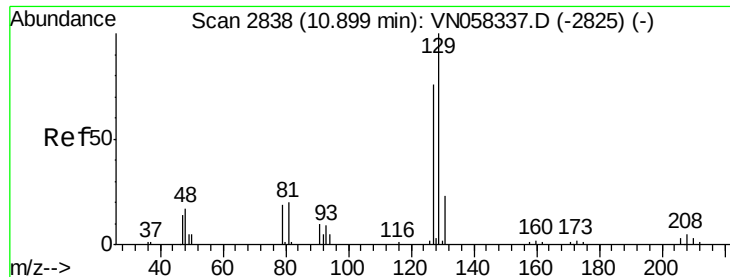
Tgt Ion: 76 Resp: 175068

Ion Ratio Lower Upper

76 100

78 32.6 0.0 63.0





#53

Dibromochloromethane

Concen: 19.287 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

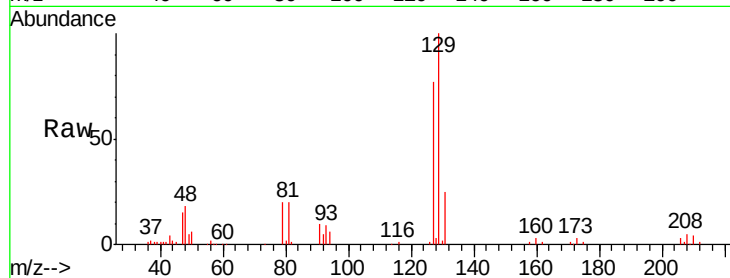
VN0926WBS01

Tgt Ion:129 Resp: 94719

Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

60000

50000

40000

30000

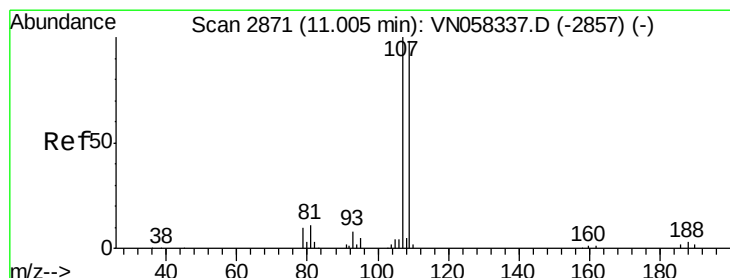
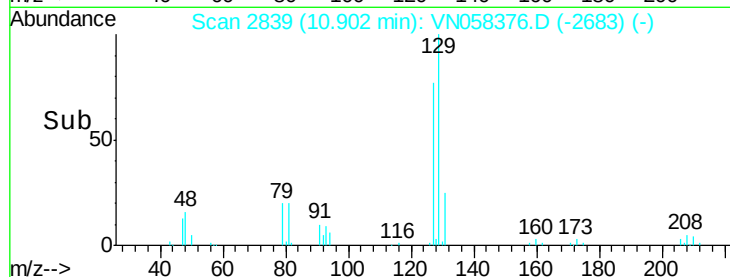
20000

10000

0

10.85 10.90 10.95

Time-->



#54

1,2-Dibromoethane

Concen: 19.889 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN058376.D

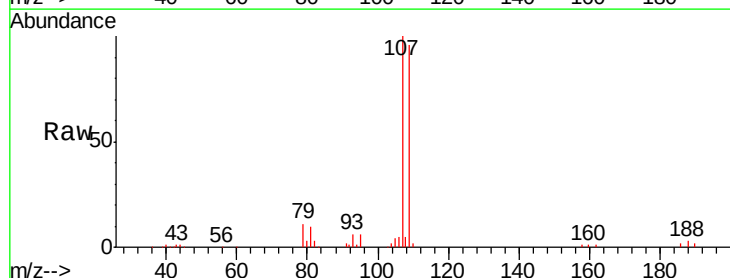
Acq: 26 Sep 2019 11:39

Tgt Ion:107 Resp: 99220

Ion Ratio Lower Upper

107 100

109 95.1 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

60000

50000

40000

30000

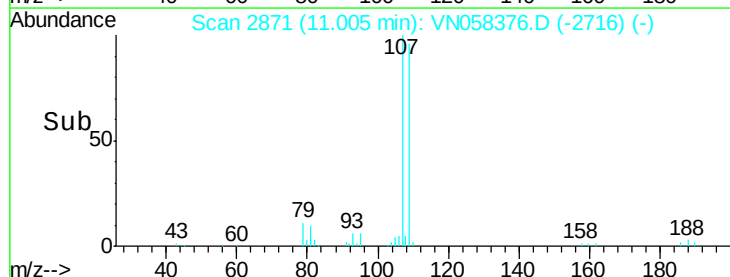
20000

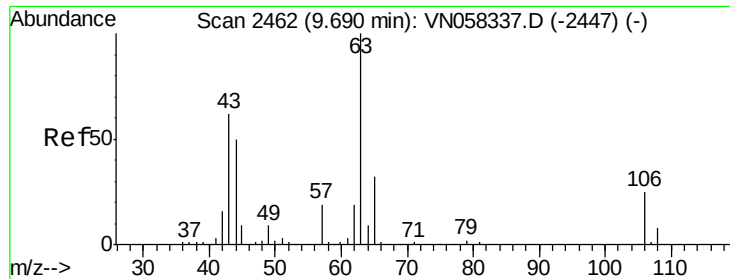
10000

0

10.95 11.00 11.05

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 98.121 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

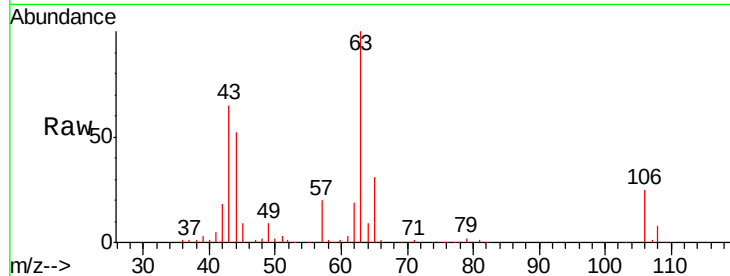
Tgt Ion: 63 Resp: 321349

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2

106 24.6 20.4 30.6

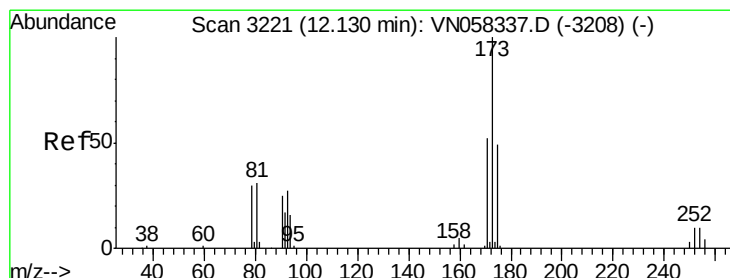
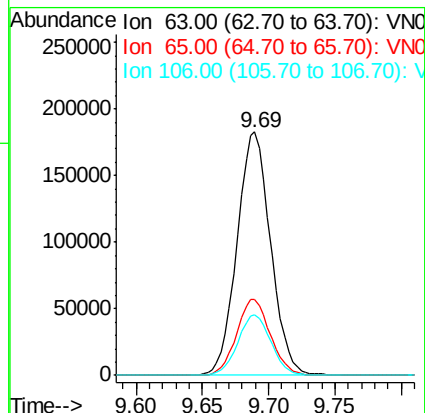
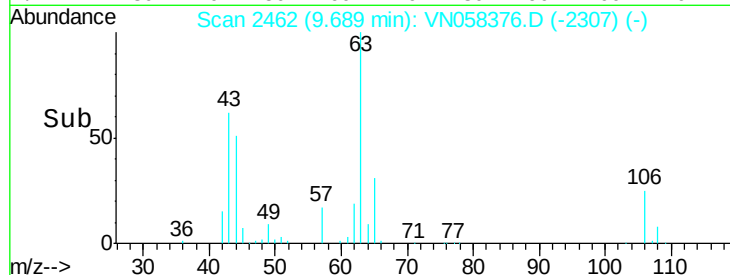


Abundance Ion 63.00 (62.70 to 63.70): VN058337.D (-2447) (-)

Ion 65.00 (64.70 to 65.70): VN058337.D (-2447) (-)

Ion 106.00 (105.70 to 106.70): VN058337.D (-2447) (-)

Time-->



#56

Bromoform

Concen: 18.758 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

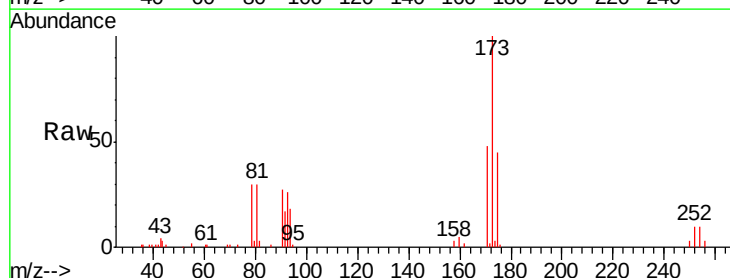
Tgt Ion: 173 Resp: 58108

Ion Ratio Lower Upper

173 100

175 46.0 38.8 58.2

254 9.3 7.8 11.8

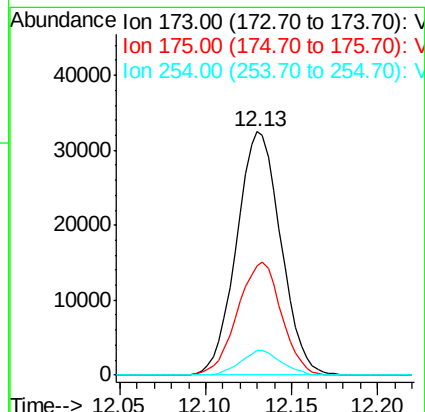
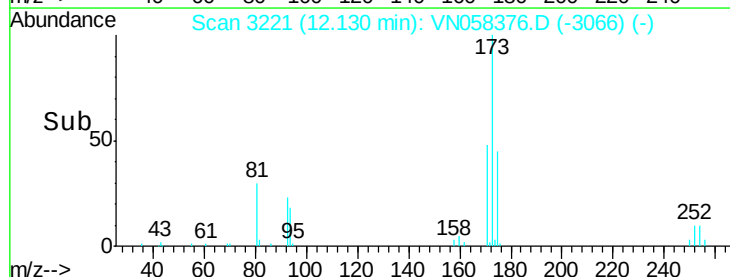


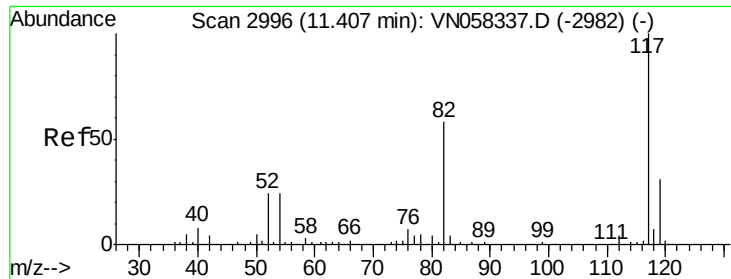
Abundance Ion 173.00 (172.70 to 173.70): VN058337.D (-3208) (-)

Ion 175.00 (174.70 to 175.70): VN058337.D (-3208) (-)

Ion 254.00 (253.70 to 254.70): VN058337.D (-3208) (-)

Time-->

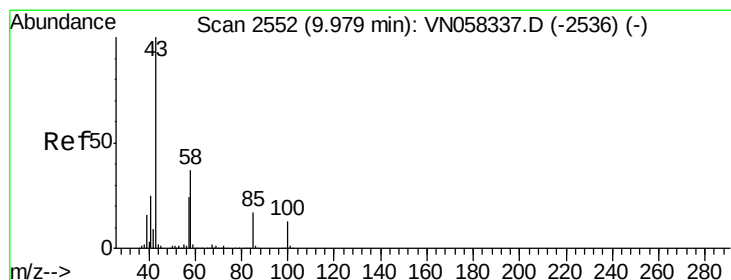
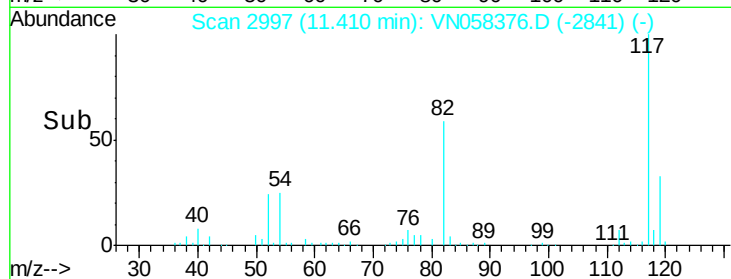
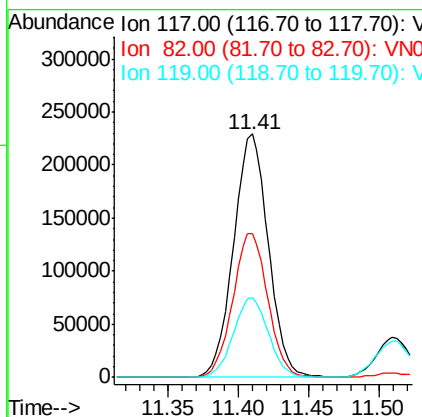
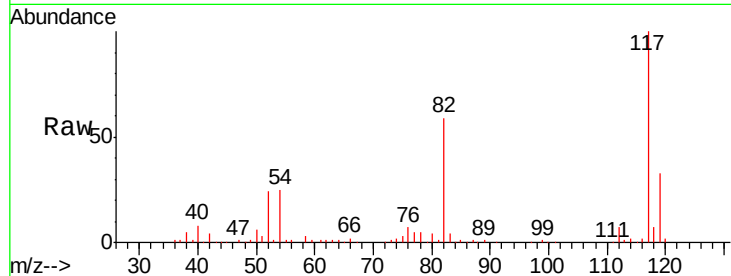




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

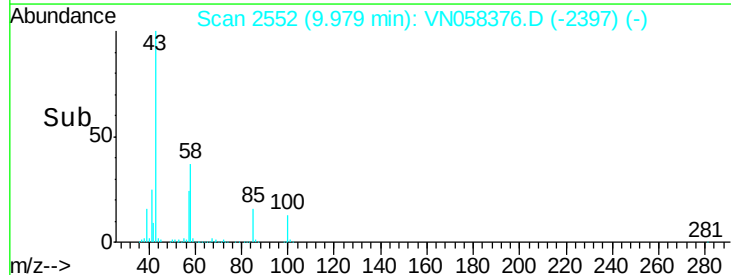
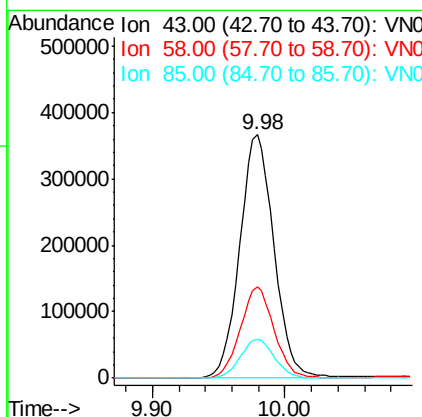
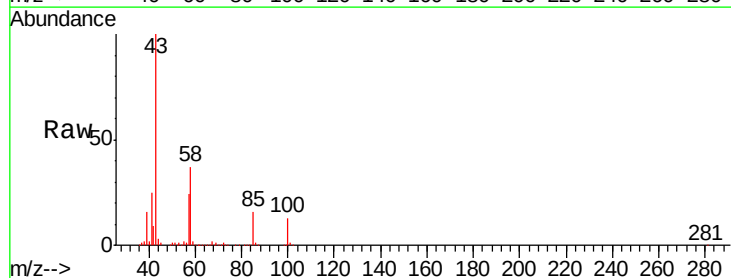
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

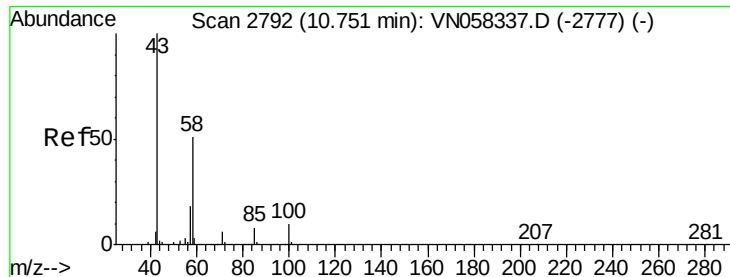
Tgt Ion: 117 Resp: 396719
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 33.0 25.1 37.7



#58
4-Methyl-2-Pentanone
Concen: 105.484 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 43 Resp: 655700
Ion Ratio Lower Upper
43 100
58 37.0 29.3 43.9
85 16.0 13.1 19.7

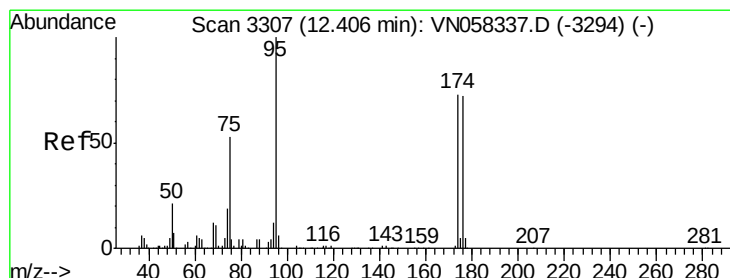
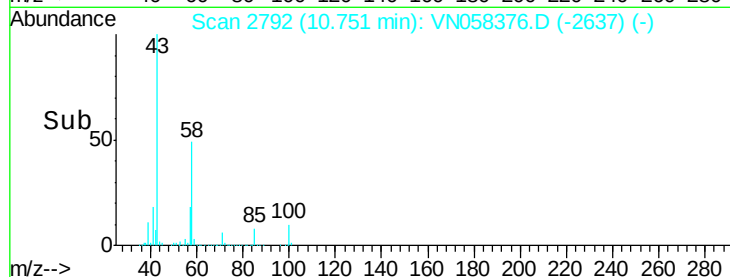
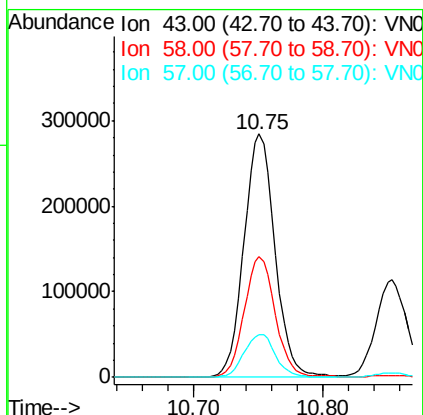
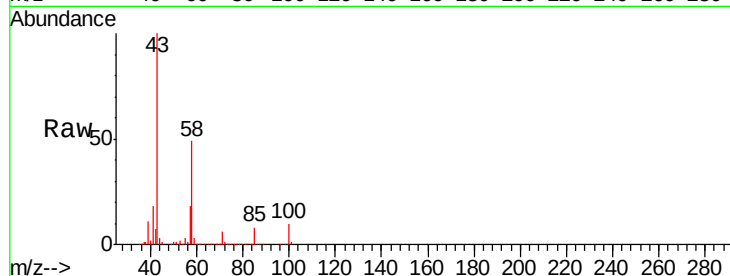




#59
2-Hexanone
Concen: 101.086 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

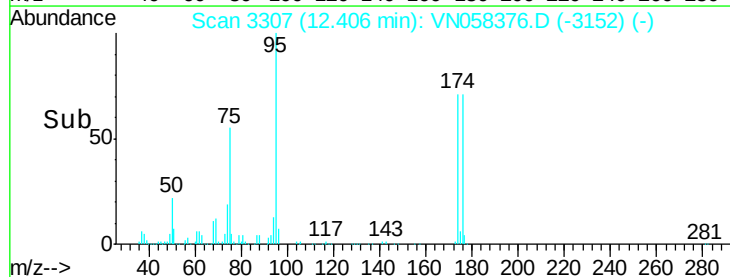
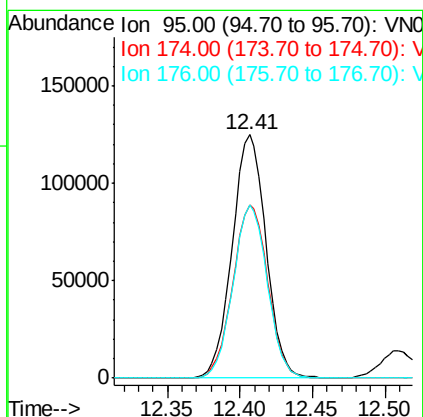
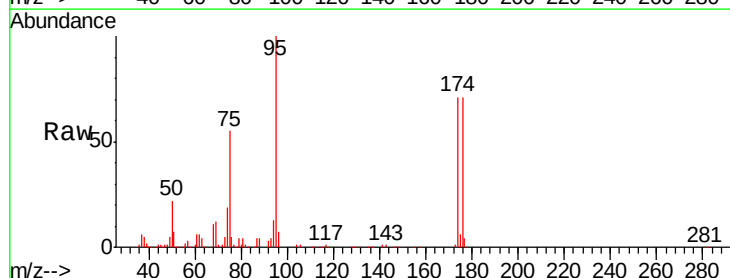
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

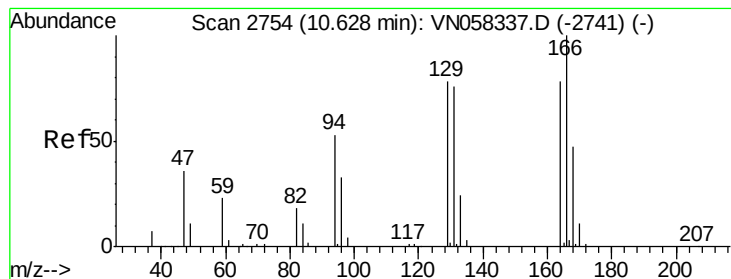
Tgt Ion: 43 Resp: 475036
Ion Ratio Lower Upper
43 100
58 49.8 40.7 61.1
57 18.0 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.442 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 95 Resp: 202099
Ion Ratio Lower Upper
95 100
174 73.5 59.0 88.6
176 72.0 58.2 87.2





#61

Tetrachloroethene

Concen: 20.020 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion:164 Resp: 83207

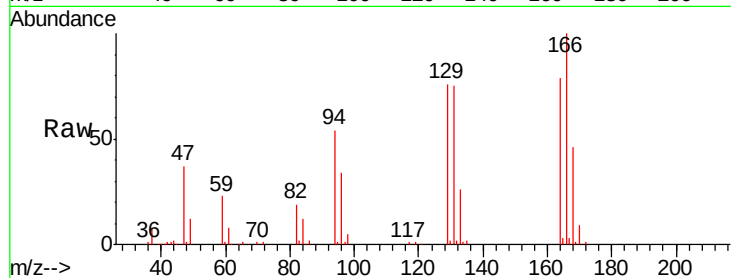
Ion Ratio Lower Upper

164 100

166 126.5 102.6 154.0

129 95.7 79.8 119.6

131 95.5 78.1 117.1

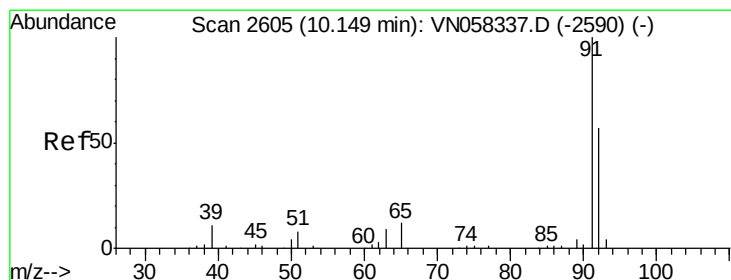
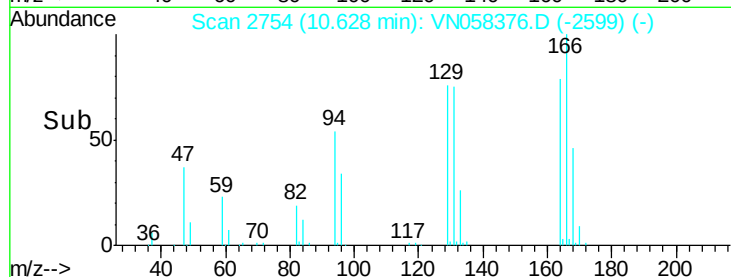
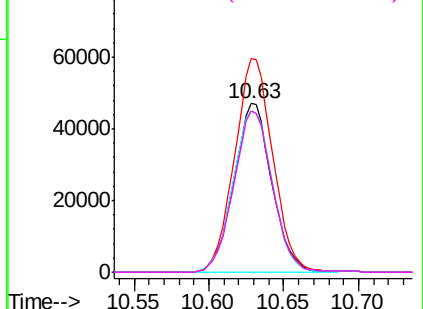


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.926 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058376.D

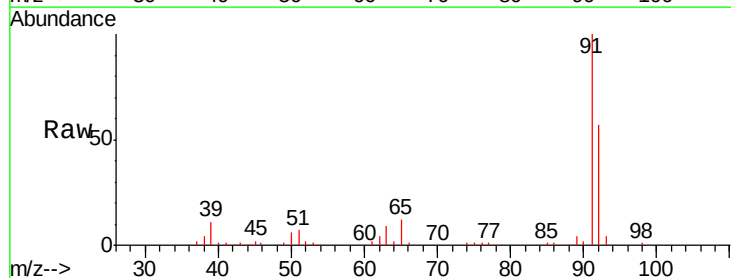
Acq: 26 Sep 2019 11:39

Tgt Ion: 91 Resp: 454663

Ion Ratio Lower Upper

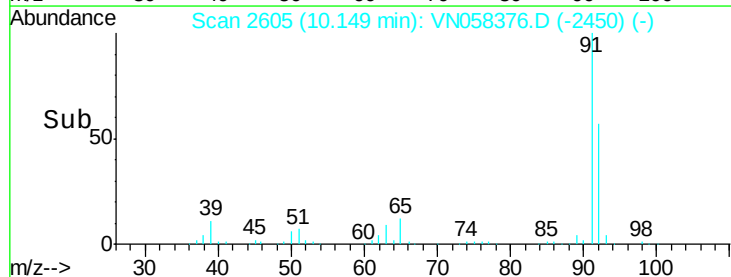
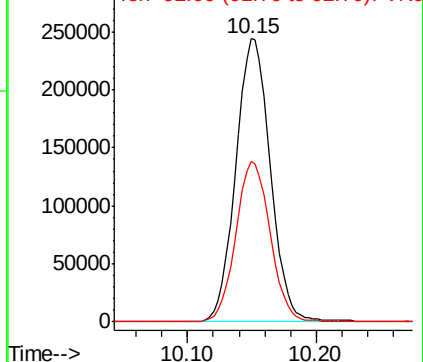
91 100

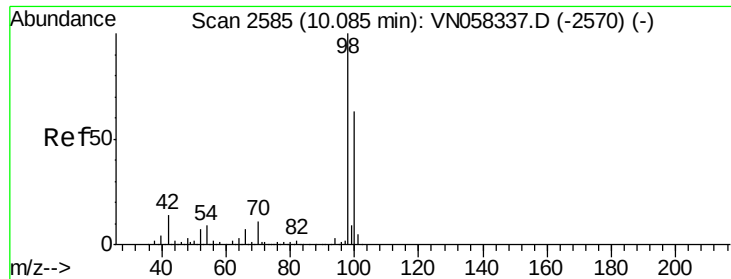
92 56.4 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.235 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

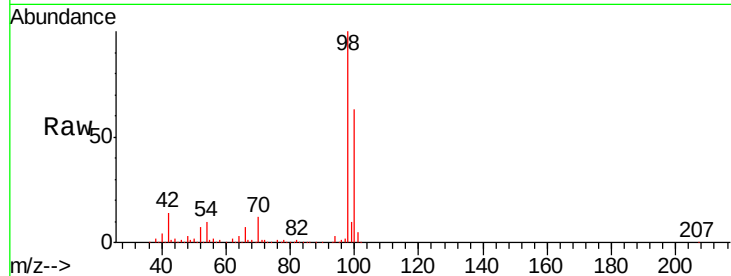
VN0926WBS01

Tgt Ion: 98 Resp: 572434

Ion Ratio Lower Upper

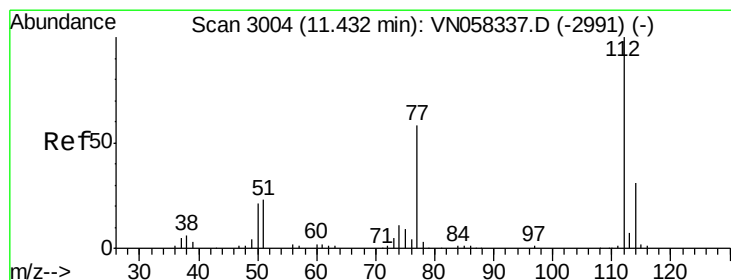
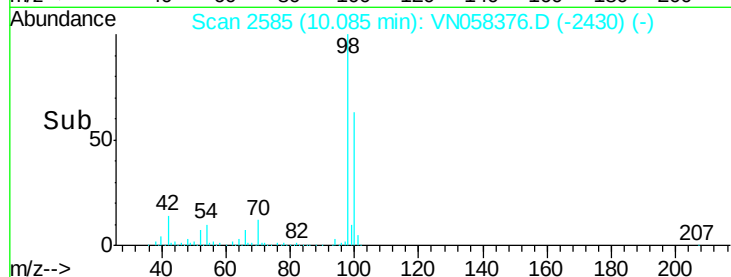
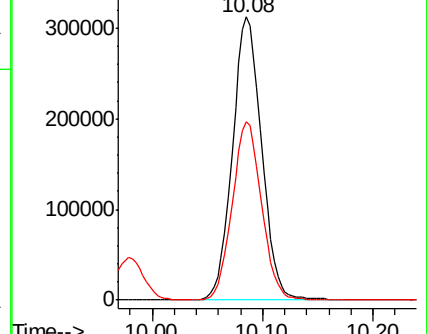
98 100

100 63.0 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 20.051 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN058376.D

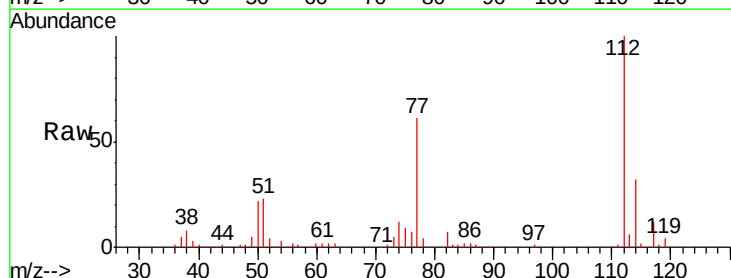
Acq: 26 Sep 2019 11:39

Tgt Ion: 112 Resp: 267712

Ion Ratio Lower Upper

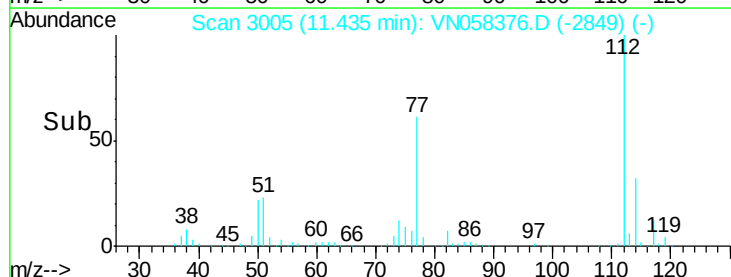
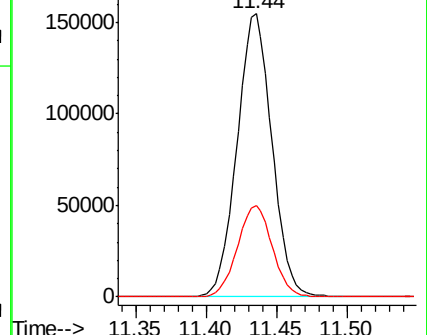
112 100

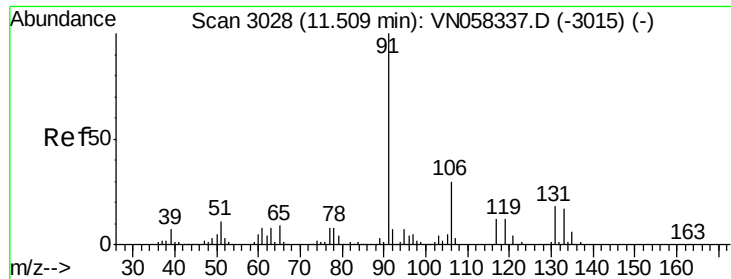
114 32.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.001 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS01

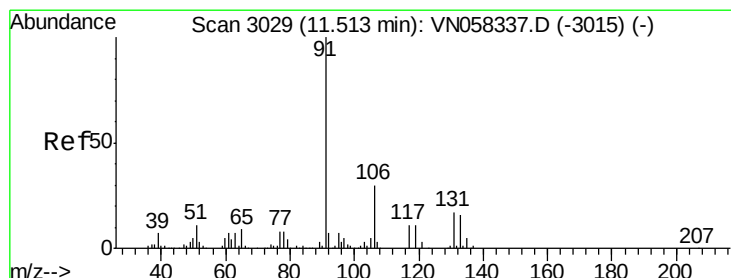
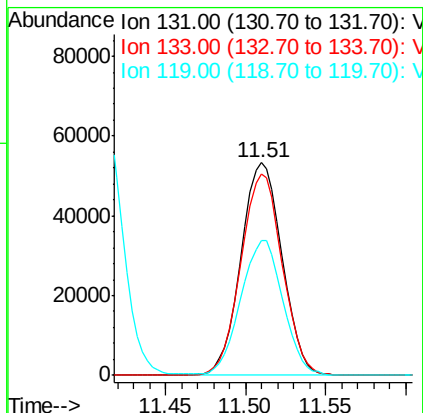
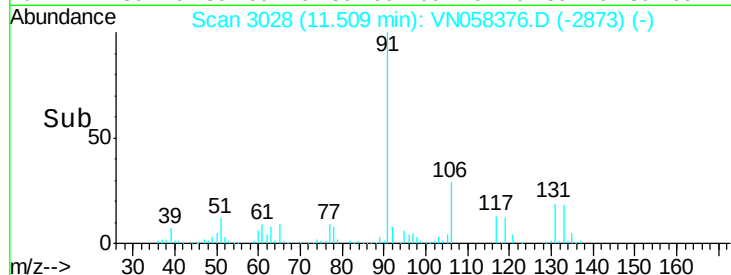
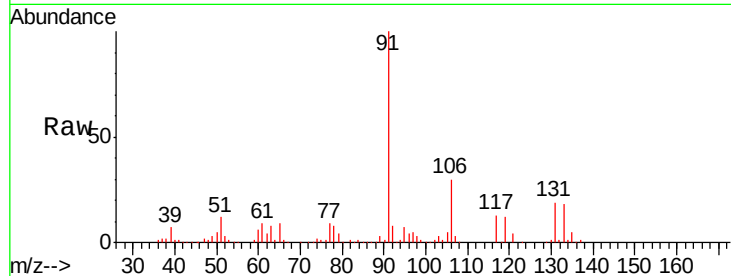
Tgt Ion:131 Resp: 93620

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.8

119 65.3 0.0 134.2



#66

Ethyl Benzene

Concen: 21.030 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN058376.D

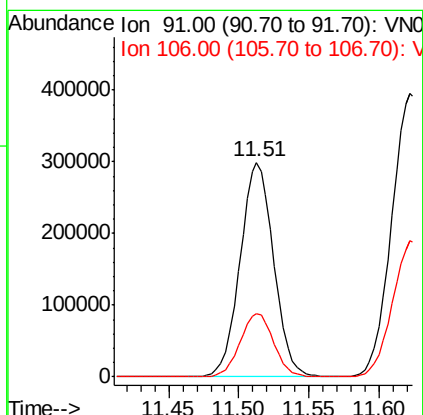
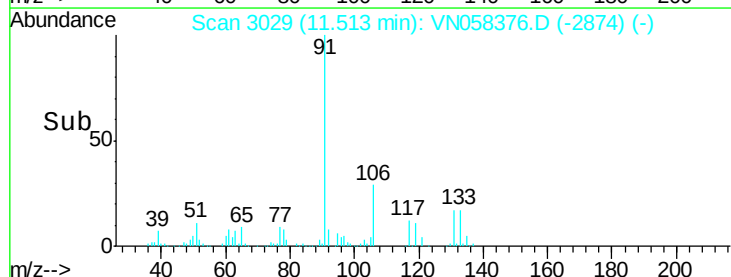
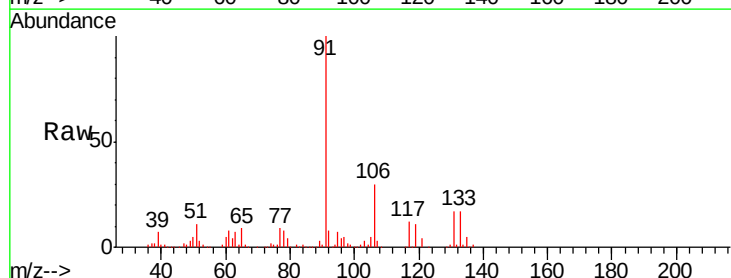
Acq: 26 Sep 2019 11:39

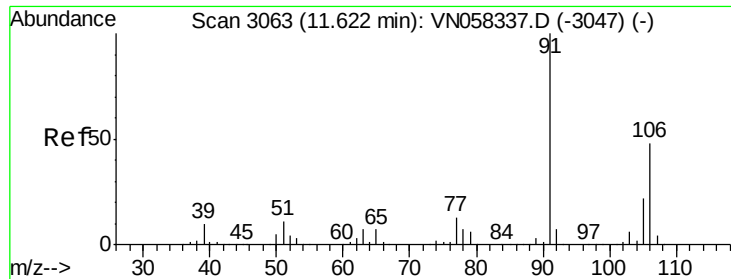
Tgt Ion: 91 Resp: 498244

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.4

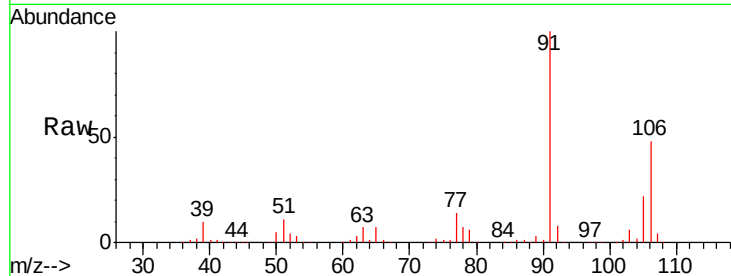




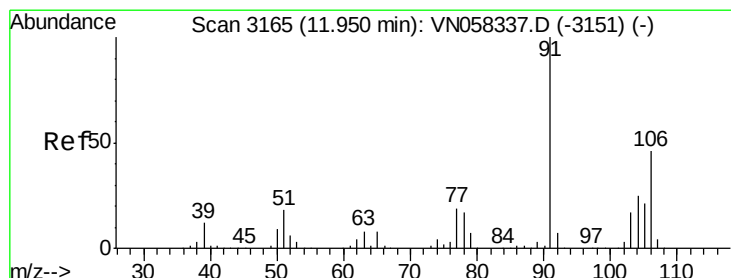
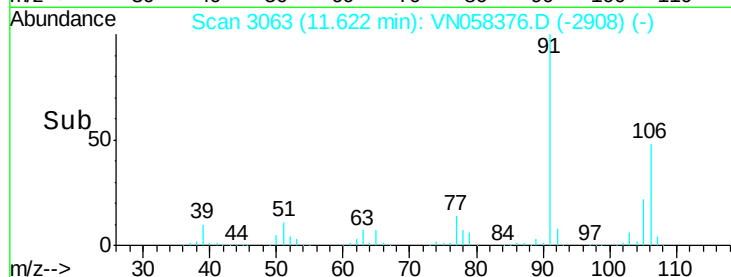
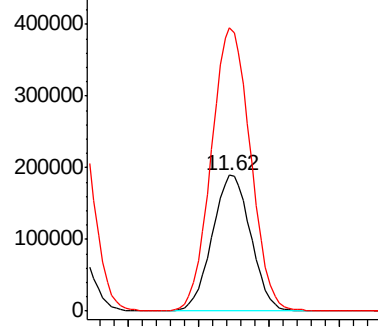
#67
m/p-Xylenes
Concen: 39.870 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion:106 Resp: 362647
Ion Ratio Lower Upper
106 100
91 212.4 167.8 251.6

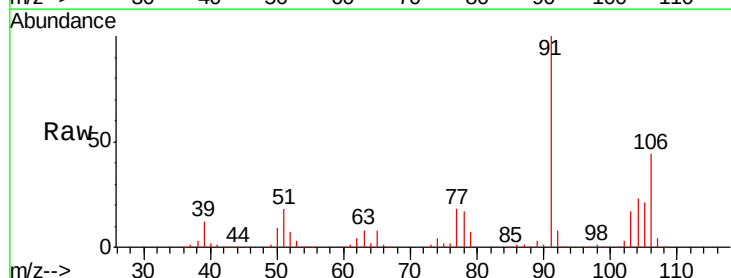


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

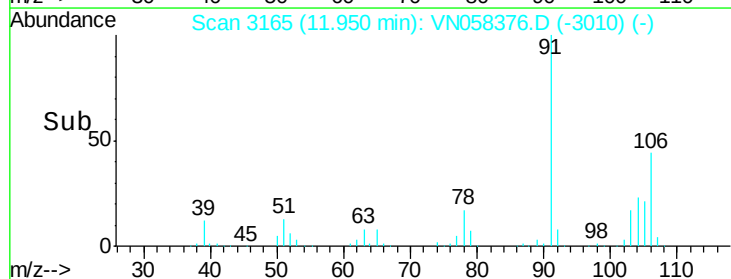
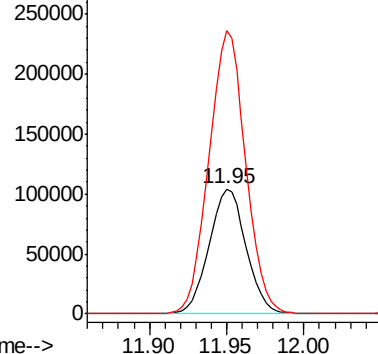


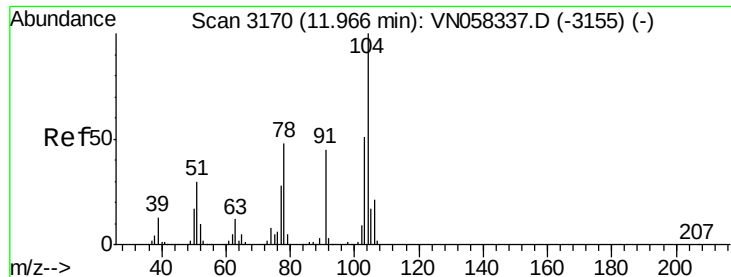
#68
o-Xylene
Concen: 19.525 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion:106 Resp: 172691
Ion Ratio Lower Upper
106 100
91 225.3 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

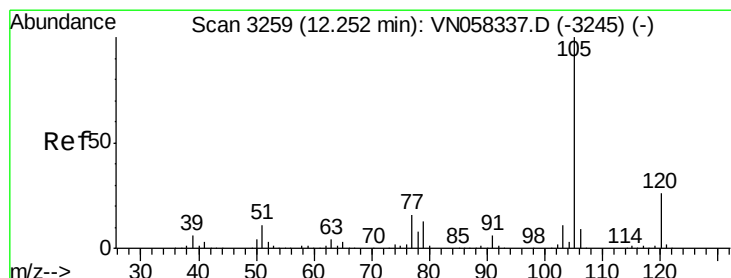
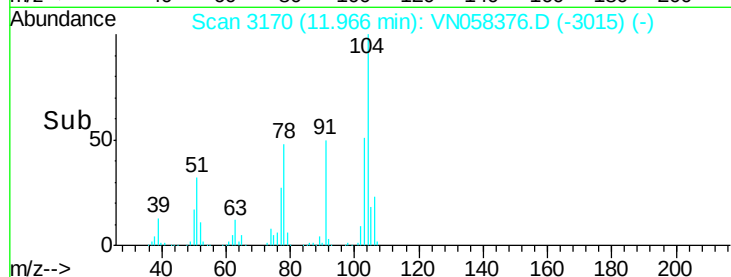
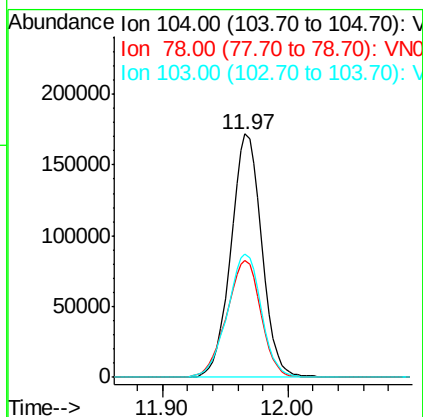
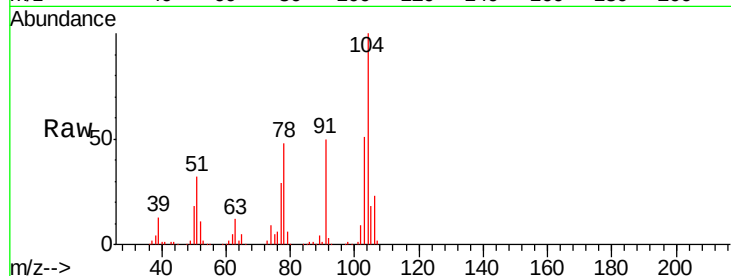




#69
Styrene
 Concen: 19.818 ug/l
 RT: 11.97 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

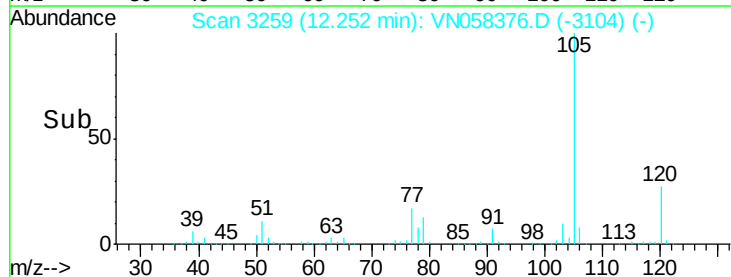
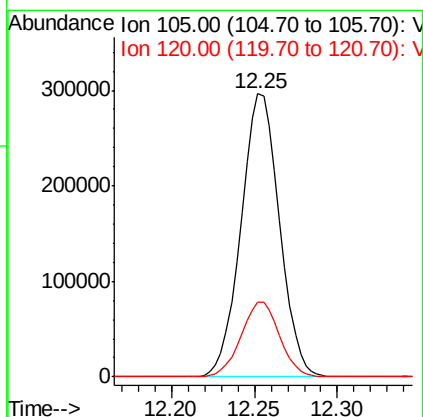
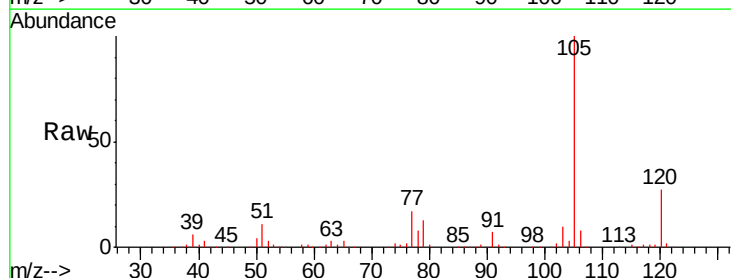
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

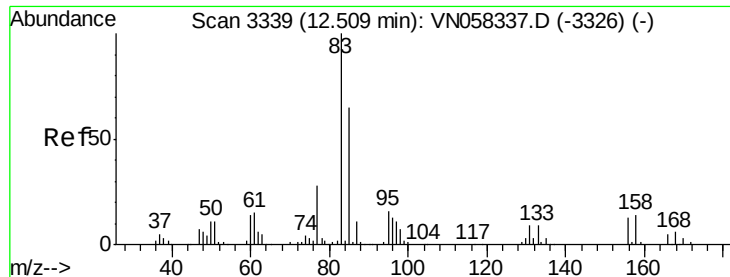
Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	42.3	63.5
103	55.8	44.1	66.1



#70
Isopropylbenzene
 Concen: 20.798 ug/l
 RT: 12.25 min Scan# 3259
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.2	33.8

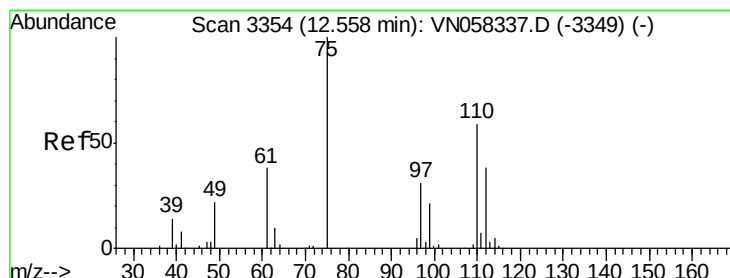
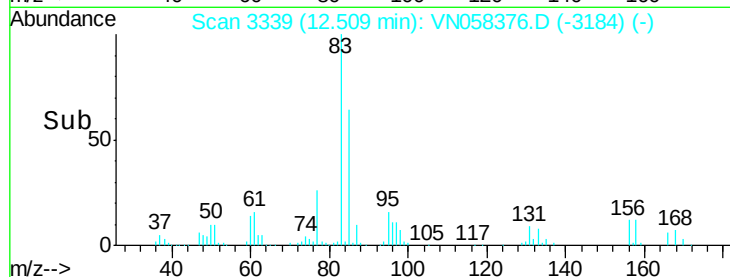
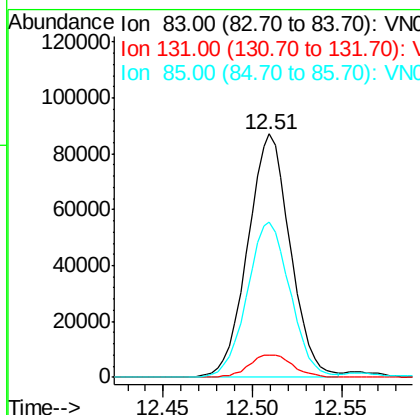
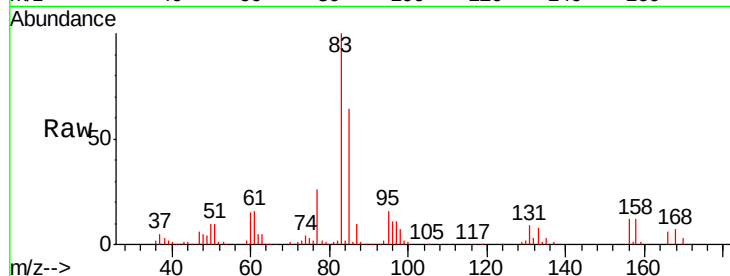




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.879 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

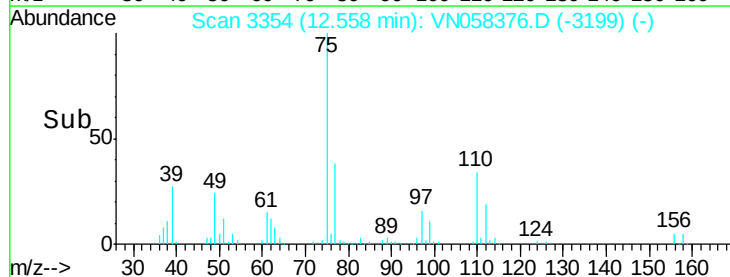
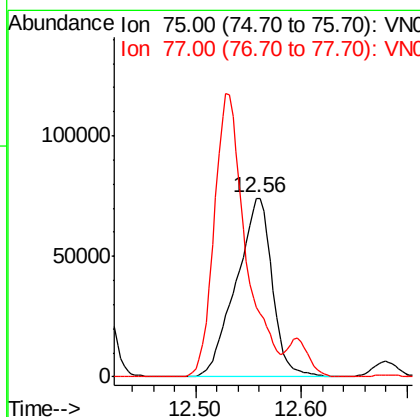
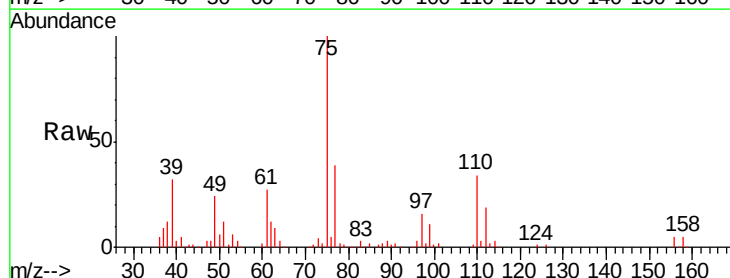
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

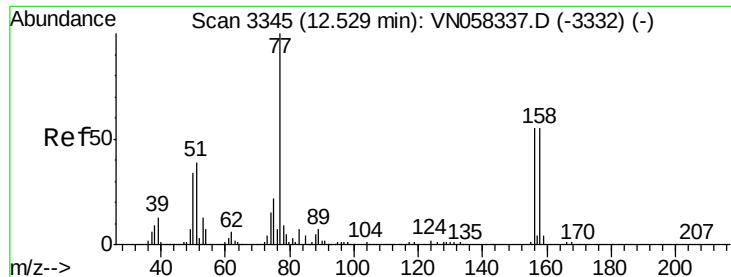
Tgt Ion: 83 Resp: 144811
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.3
 85 64.5 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 28.233 ug/l
 RT: 12.56 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion: 75 Resp: 176874
 Ion Ratio Lower Upper
 75 100
 77 137.8 0.0 382.4





#73

Bromobenzene

Concen: 19.872 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS01

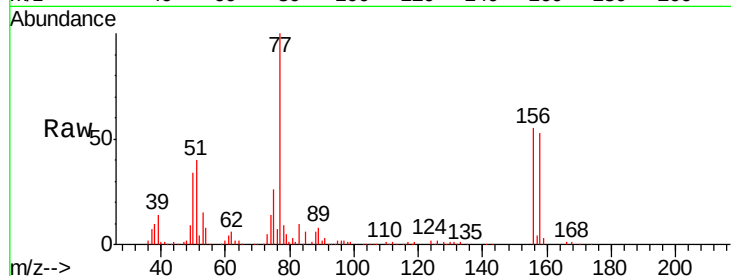
Tgt Ion:156 Resp: 110320

Ion Ratio Lower Upper

156 100

77 220.9 0.0 438.8

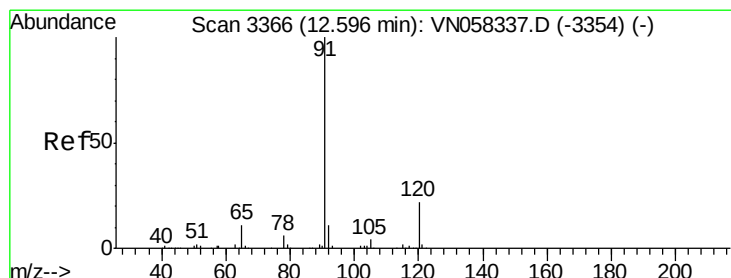
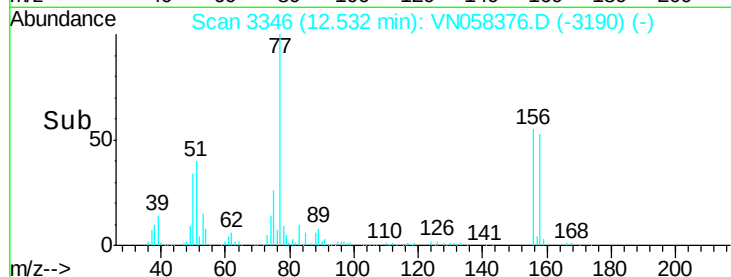
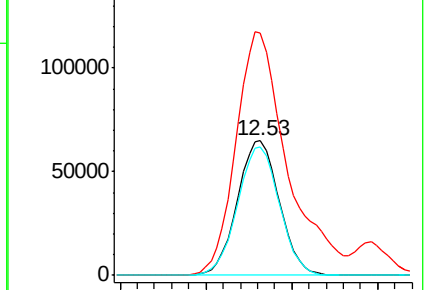
158 95.5 0.0 195.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.553 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058376.D

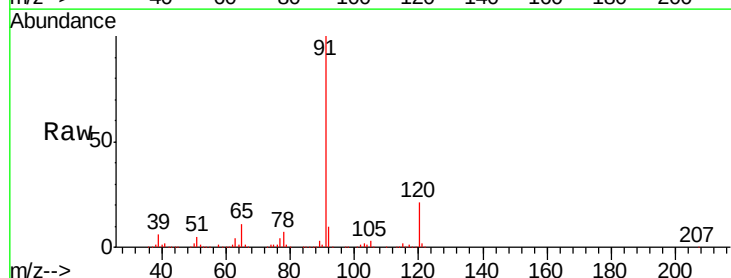
Acq: 26 Sep 2019 11:39

Tgt Ion: 91 Resp: 569497

Ion Ratio Lower Upper

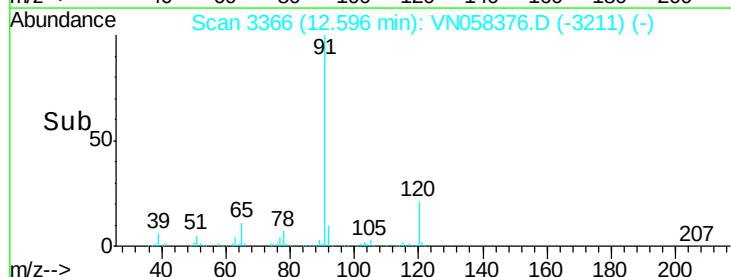
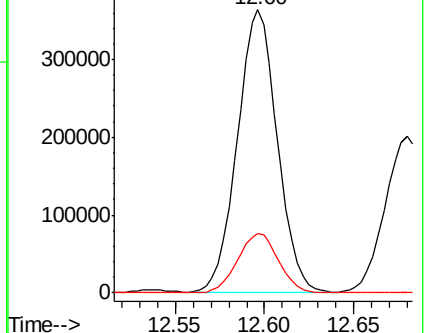
91 100

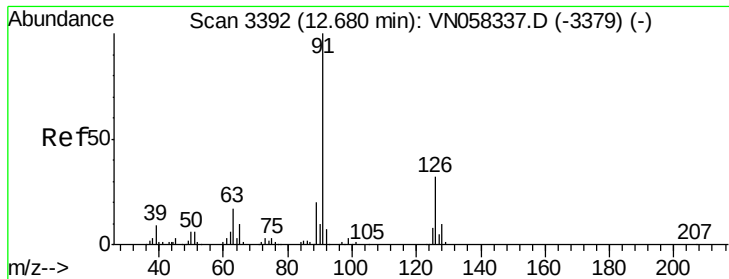
120 21.4 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.157 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

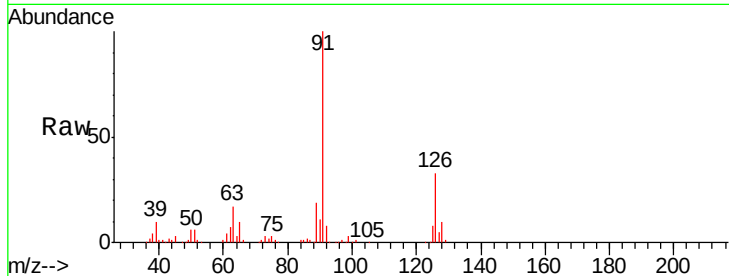
VN0926WBS01

Tgt Ion: 91 Resp: 333158

Ion Ratio Lower Upper

91 100

126 32.6 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN058337.D (-3379) (-)

Ion 126.00 (125.70 to 126.70): VN058337.D (-3379) (-)

300000

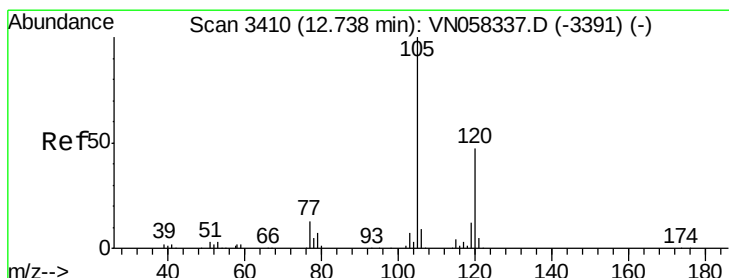
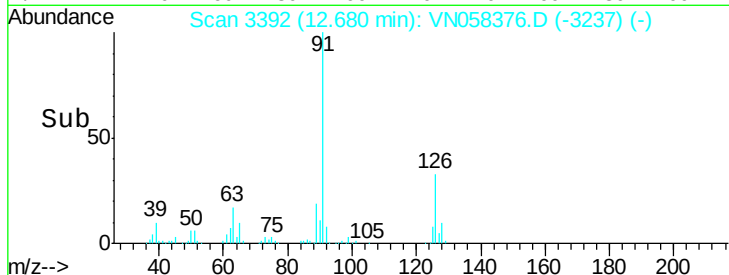
200000

100000

0

12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.787 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058376.D

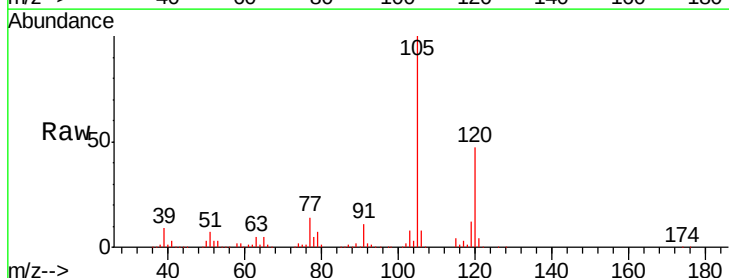
Acq: 26 Sep 2019 11:39

Tgt Ion: 105 Resp: 410242

Ion Ratio Lower Upper

105 100

120 47.0 0.0 94.4



Abundance Ion 105.00 (104.70 to 105.70): VN058337.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN058337.D (-3391) (-)

300000

250000

200000

150000

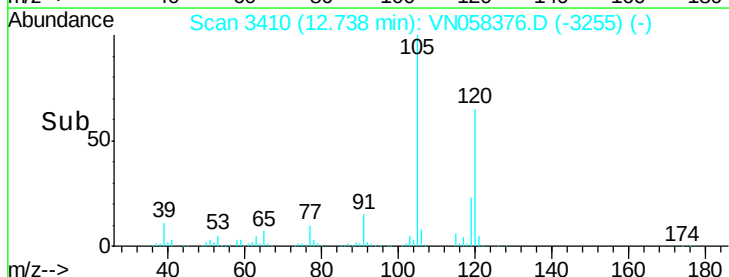
100000

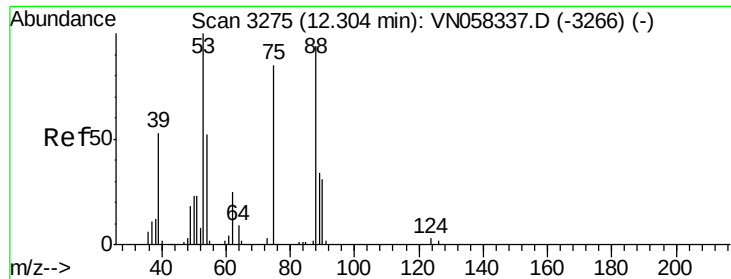
50000

0

12.65 12.70 12.75 12.80

Time-->

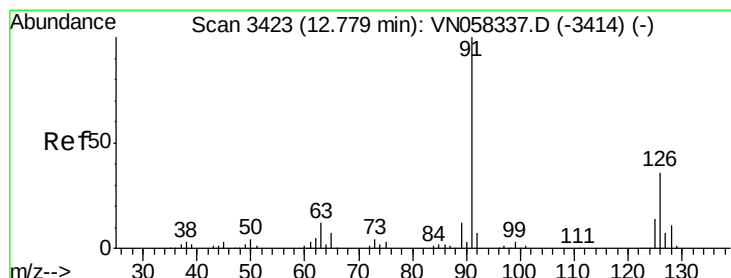
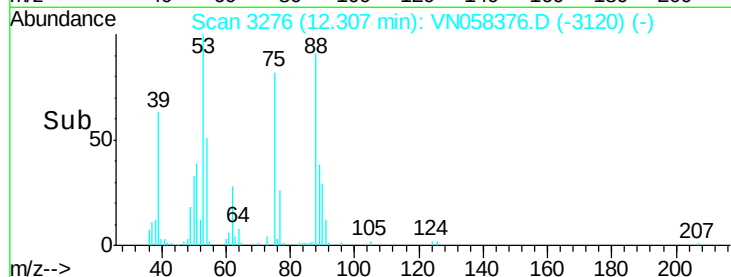
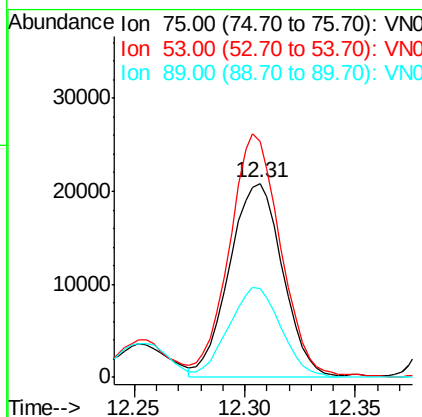
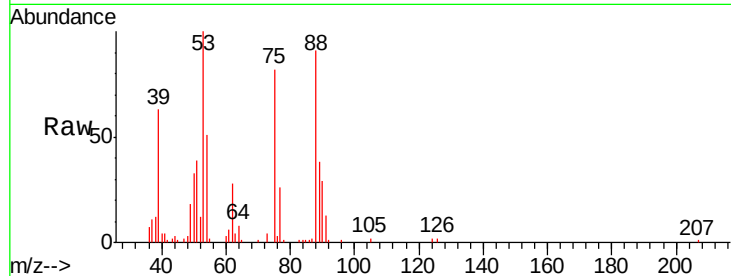




#77
t-1,4-Dichloro-2-butene
Concen: 17.140 ug/l
RT: 12.31 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

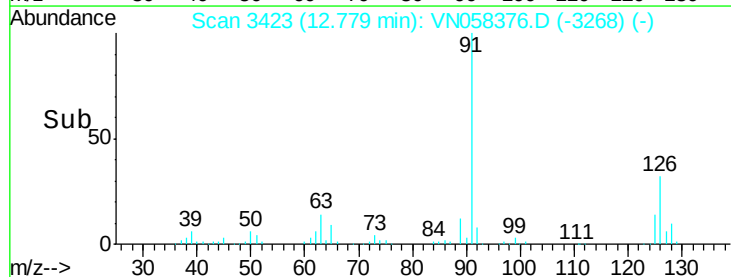
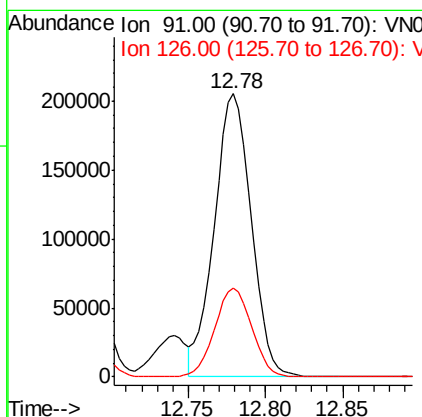
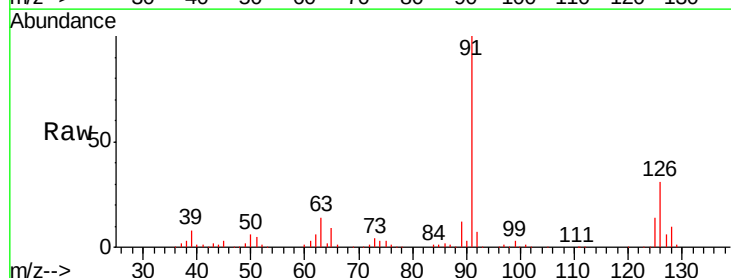
Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

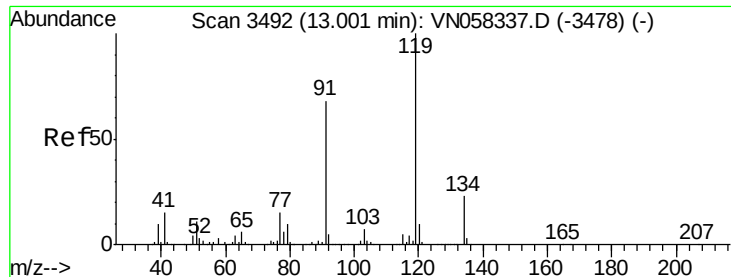
Tgt Ion: 75 Resp: 35026
Ion Ratio Lower Upper
75 100
53 120.9 59.0 176.8
89 46.4 21.6 65.0



#78
4-Chlorotoluene
Concen: 20.121 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion: 91 Resp: 340843
Ion Ratio Lower Upper
91 100
126 31.4 0.0 63.8

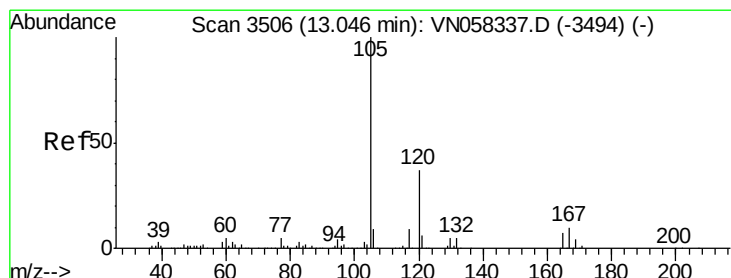
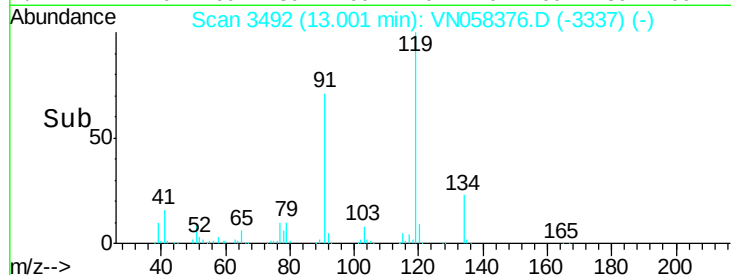
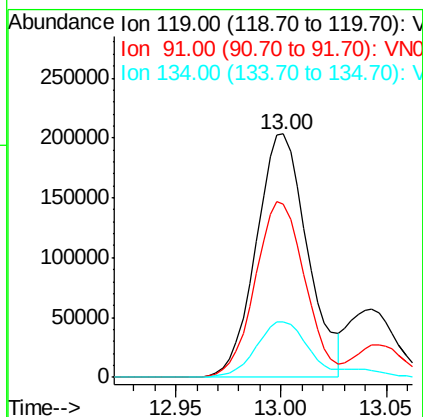
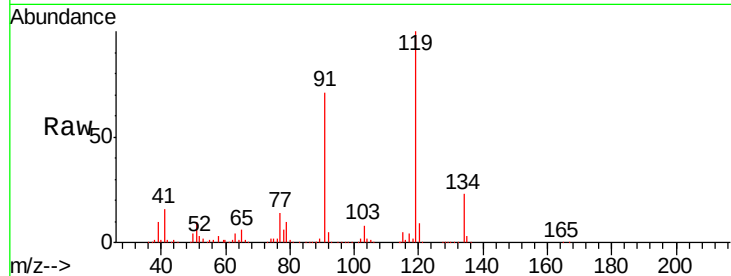




#79
tert-butylbenzene
Concen: 20.174 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

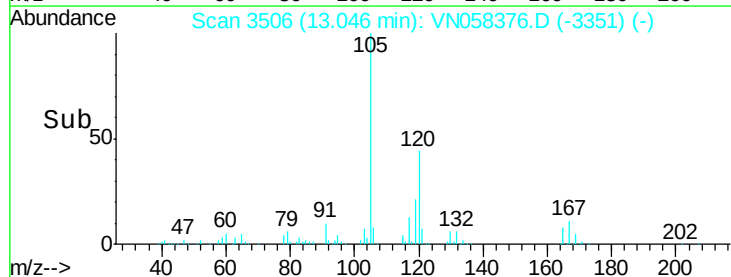
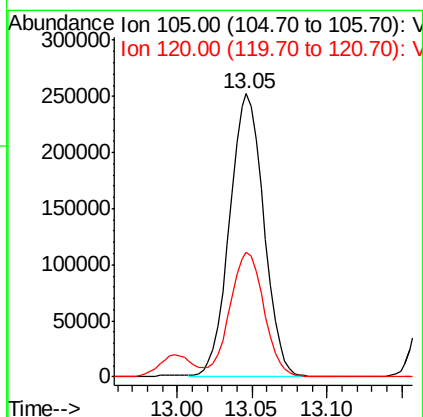
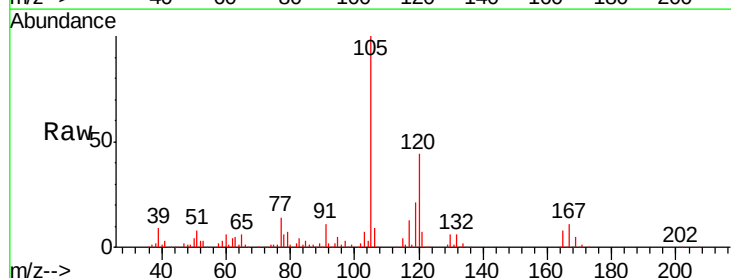
Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

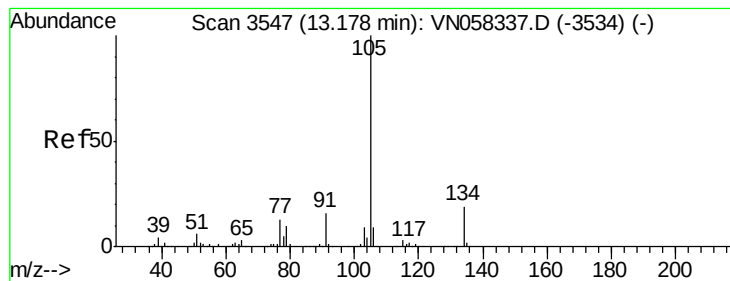
Tgt Ion:119 Resp: 344707
Ion Ratio Lower Upper
119 100
91 69.9 0.0 138.2
134 22.9 0.0 46.8



#80
1,2,4-Trimethylbenzene
Concen: 20.344 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion:105 Resp: 400751
Ion Ratio Lower Upper
105 100
120 44.2 0.0 86.6





#81

sec-Butylbenzene

Concen: 20.994 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampleId :

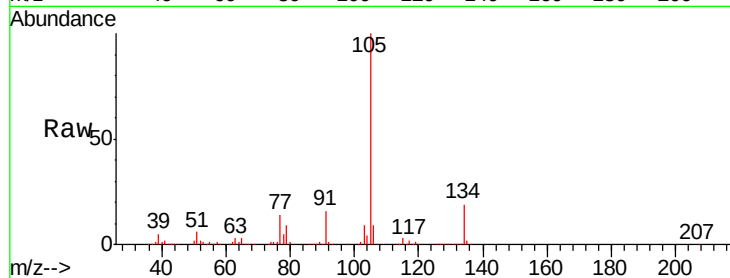
VN0926WBS01

Tgt Ion:105 Resp: 470503

Ion Ratio Lower Upper

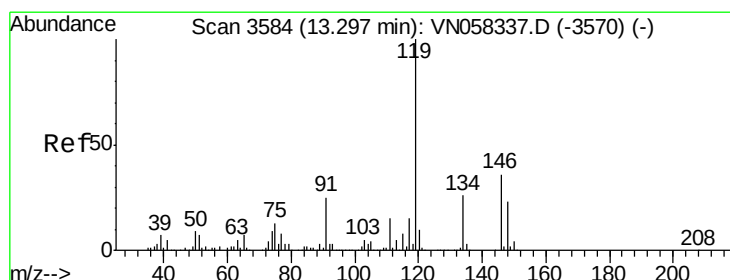
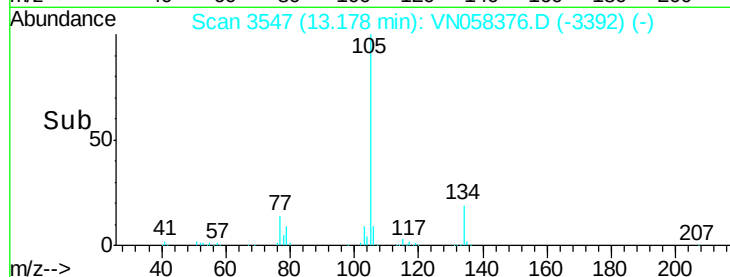
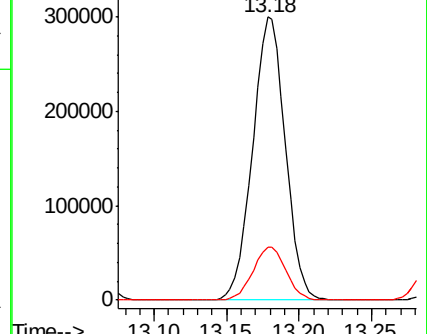
105 100

134 19.1 0.0 38.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.433 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

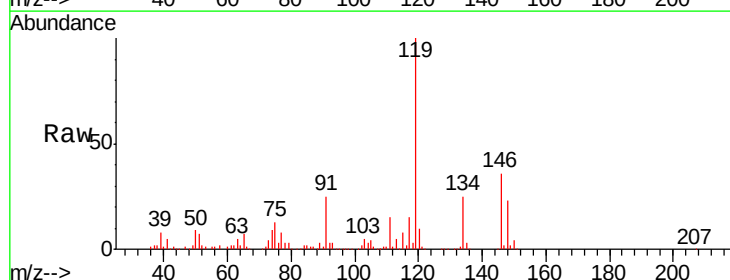
Tgt Ion:119 Resp: 412385

Ion Ratio Lower Upper

119 100

134 25.2 0.0 51.6

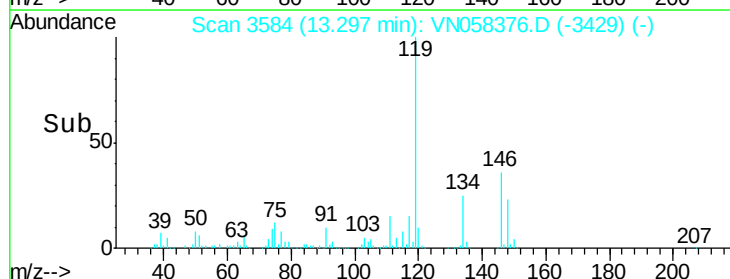
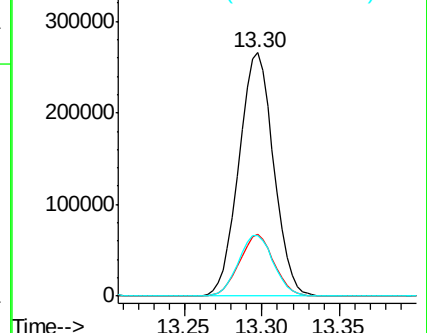
91 25.4 0.0 49.6

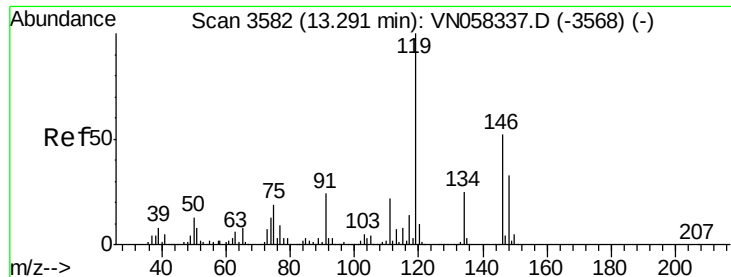


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

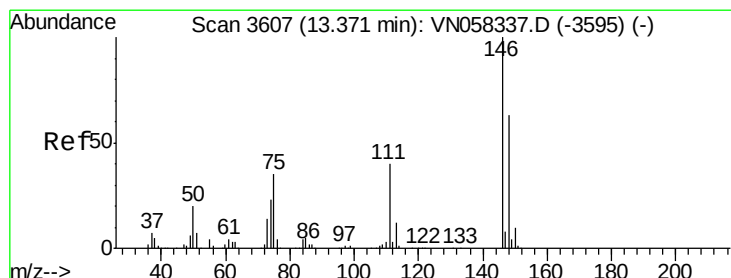
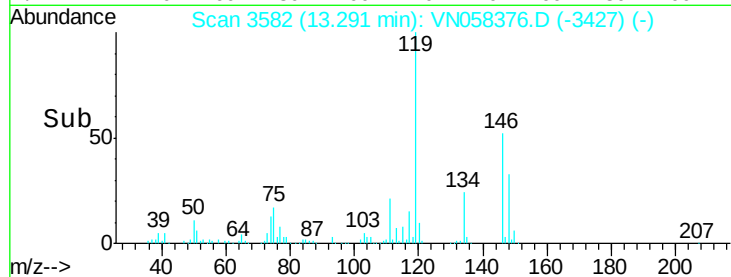
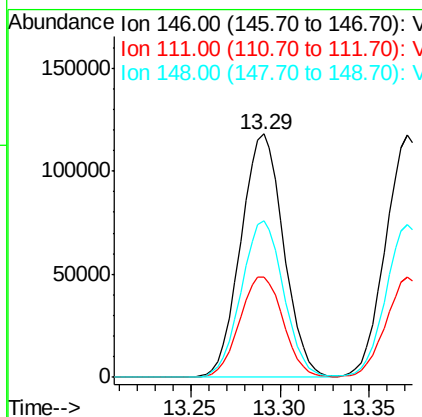
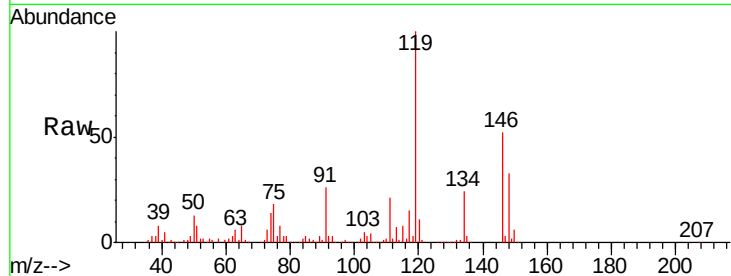




#83
 1,3-Dichlorobenzene
 Concen: 19.303 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

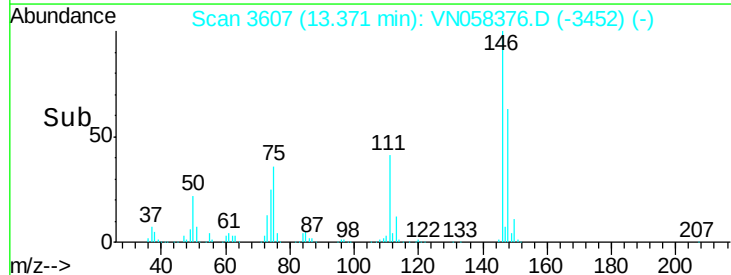
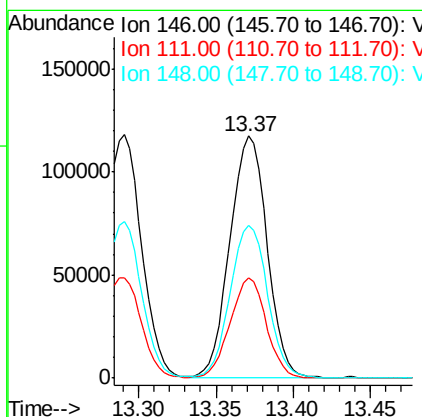
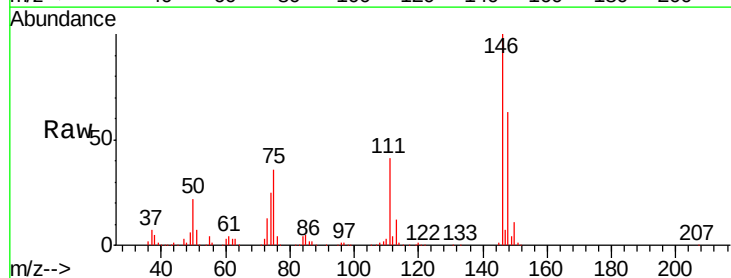
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

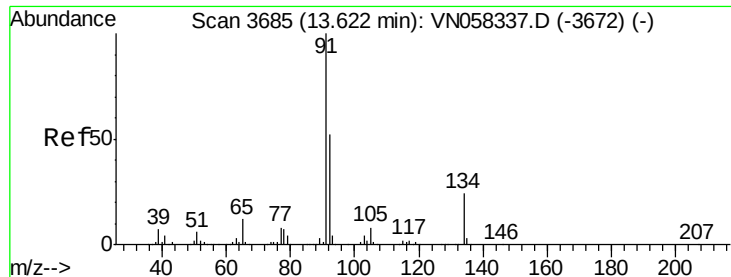
Tgt Ion:146 Resp: 197714
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 63.8 32.0 96.2



#84
 1,4-Dichlorobenzene
 Concen: 19.154 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion:146 Resp: 195257
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.3
 148 64.0 31.9 95.7





#85

n-Butylbenzene

Concen: 19.826 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058376.D

Acq: 26 Sep 2019 11:39

Instrument :

MSVOA_N

ClientSampled :

VN0926WBS01

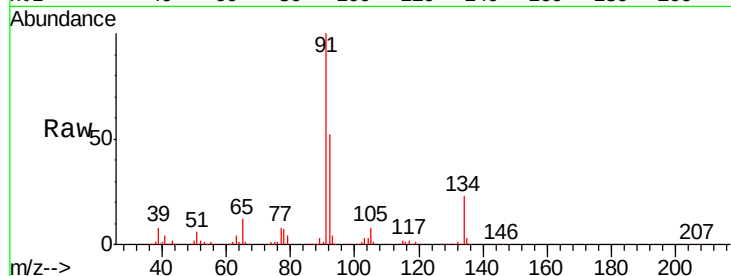
Tgt Ion: 91 Resp: 371754

Ion Ratio Lower Upper

91 100

92 51.3 0.0 102.6

134 23.8 0.0 47.8



Abundance Ion 91.00 (90.70 to 91.70): VN058337.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN058337.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN058337.D (-3672) (-)

13.62

250000

200000

150000

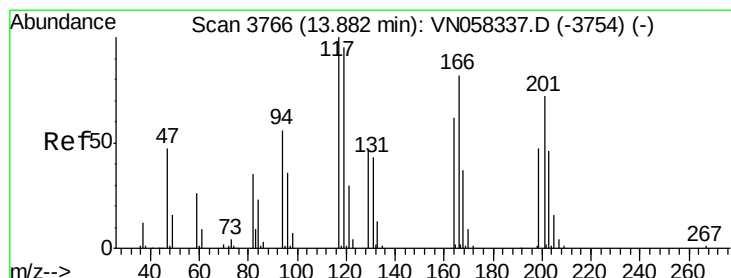
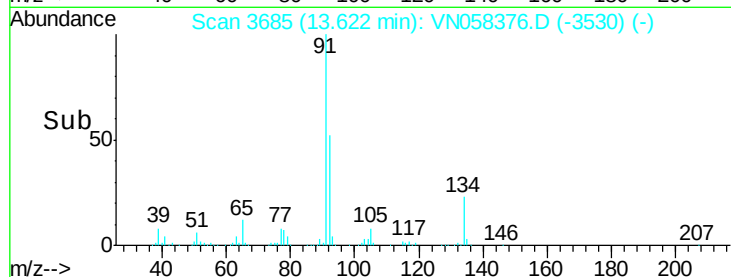
100000

50000

0

13.55 13.60 13.65 13.70

Time-->



#86

Hexachloroethane

Concen: 18.773 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN058376.D

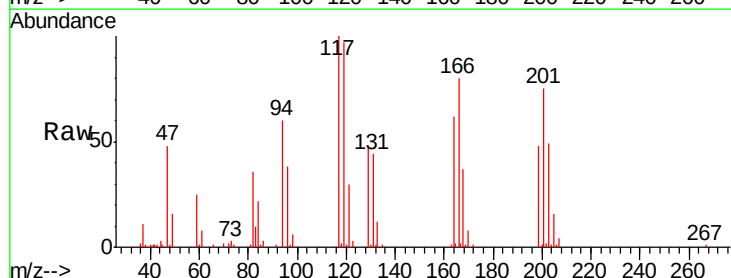
Acq: 26 Sep 2019 11:39

Tgt Ion: 117 Resp: 61198

Ion Ratio Lower Upper

117 100

201 76.2 37.2 111.6



Abundance Ion 117.00 (116.70 to 117.70): VN058337.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN058337.D (-3754) (-)

40000

30000

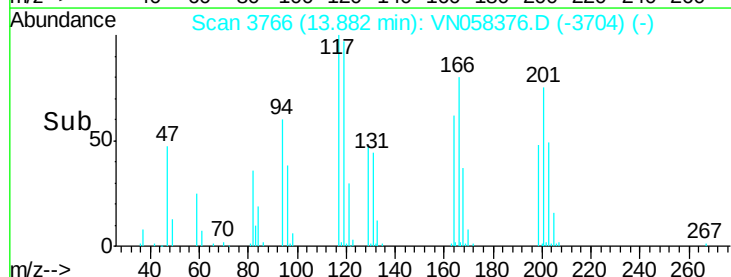
20000

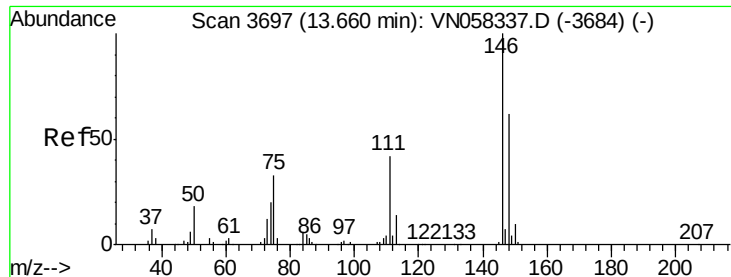
10000

0

13.80 13.85 13.90 13.95

Time-->

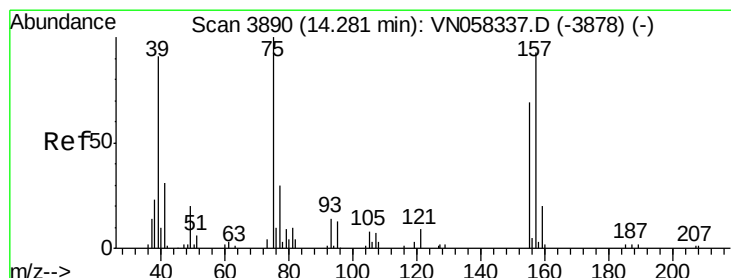
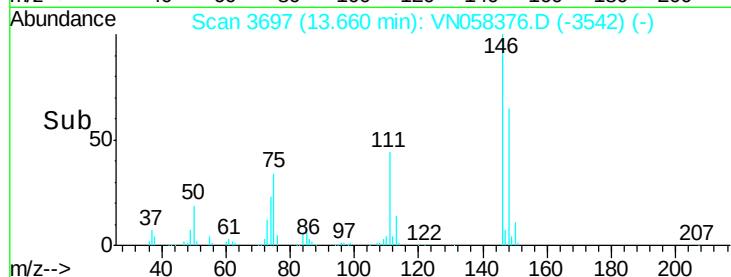
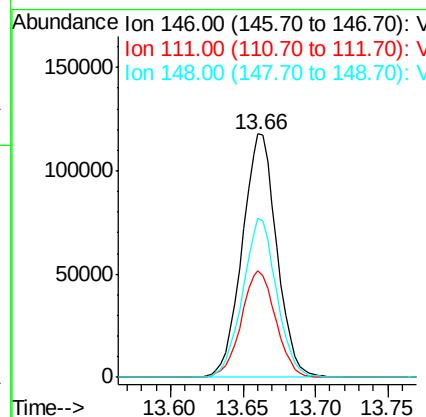
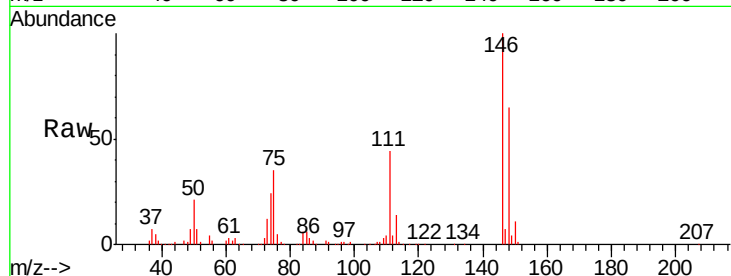




#87
 1,2-Dichlorobenzene
 Concen: 19.483 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

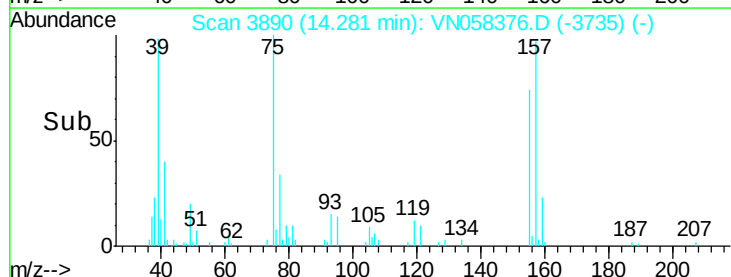
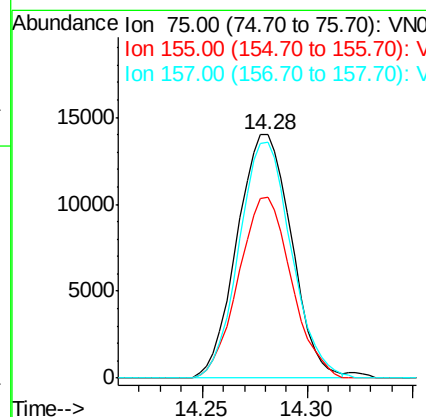
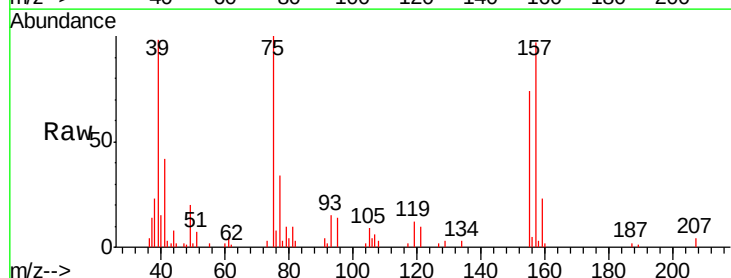
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

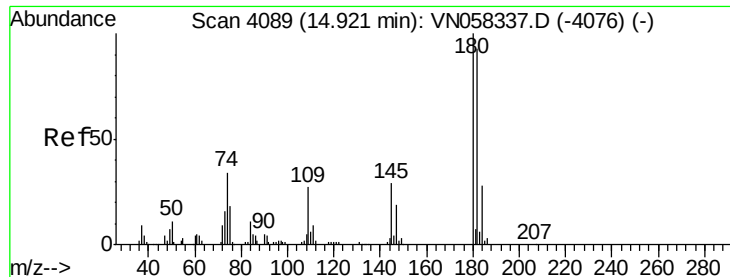
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.3
148	64.0	31.9	95.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.644 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.2	58.5	87.7
157	93.5	75.4	113.2

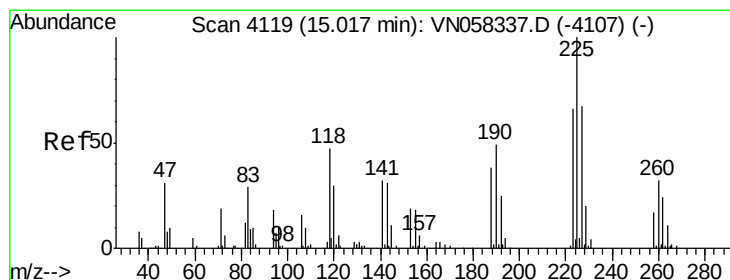
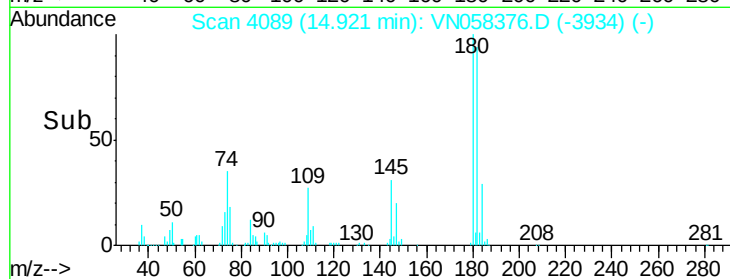
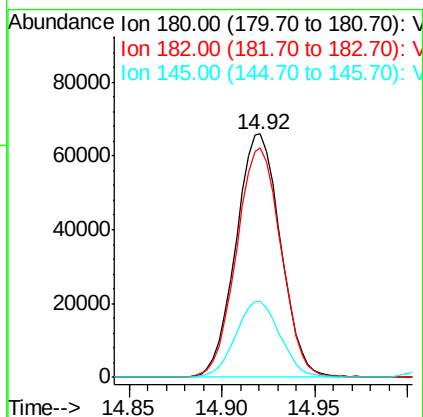
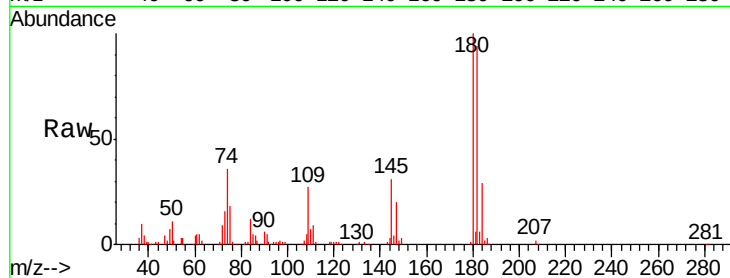




#89
 1,2,4-Trichlorobenzene
 Concen: 16.881 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

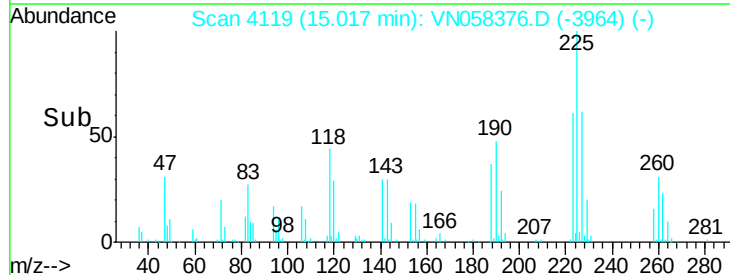
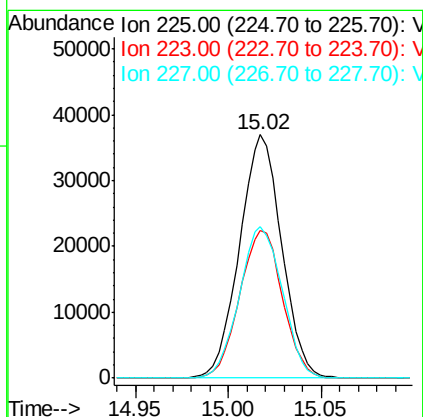
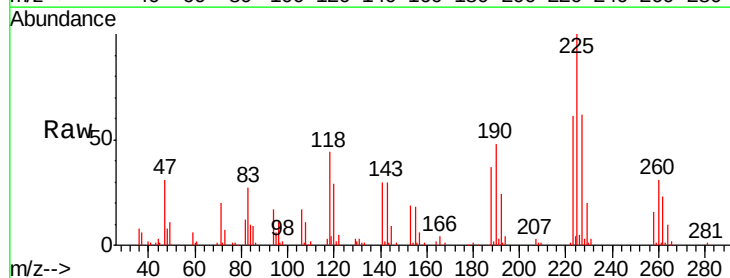
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

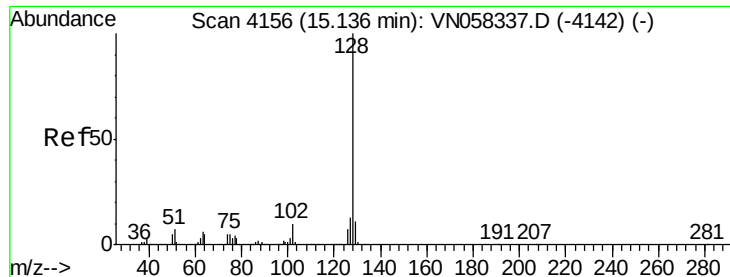
Tgt Ion:180 Resp: 110303
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.2 112.8
 145 31.0 25.1 37.7



#90
 Hexachlorobutadiene
 Concen: 18.437 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058376.D
 Acq: 26 Sep 2019 11:39

Tgt Ion:225 Resp: 58289
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 132.6
 227 63.4 0.0 129.2

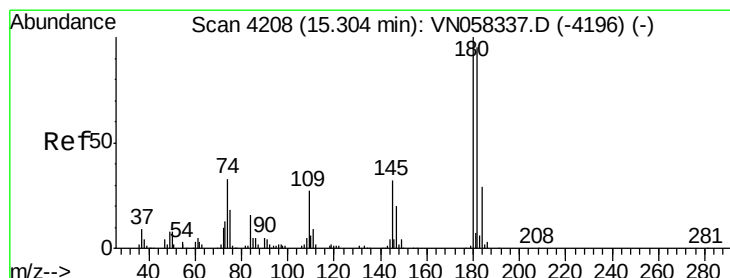
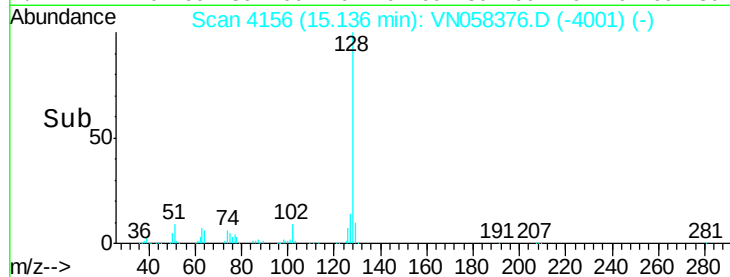
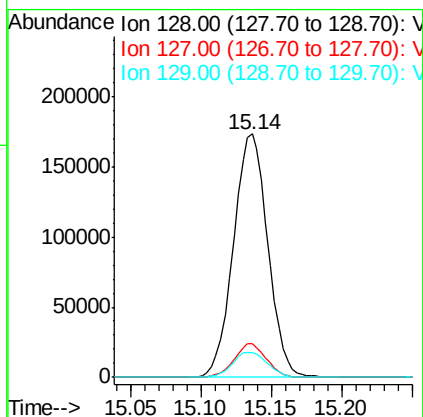
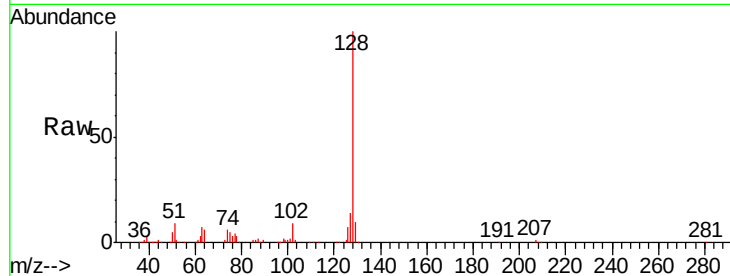




#91
Naphthalene
Concen: 16.485 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion:128 Resp: 295810
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 16.451 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.00 min
Lab File: VN058376.D
Acq: 26 Sep 2019 11:39

Tgt Ion:180 Resp: 103238
Ion Ratio Lower Upper
180 100
182 96.8 0.0 189.4
145 32.3 0.0 64.0

