

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112619\
 Data File : VN059403.D
 Acq On : 26 Nov 2019 14:02
 Operator : JC/SP
 Sample : VN1126WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Quant Time: Nov 26 14:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	354610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	559974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	503185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	222887	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.57	113	181367	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.08	98	716667	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	253155	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	80209	17.668 ug/l	99
3) Chloromethane	2.04	50	99377	17.869 ug/l	100
4) Vinyl Chloride	2.17	62	107336	18.745 ug/l	98
5) Bromomethane	2.54	94	59254	18.639 ug/l	99
6) Chloroethane	2.68	64	55428	17.737 ug/l	99
7) Trichlorofluoromethane	3.00	101	113241	18.365 ug/l	99
8) Diethyl Ether	3.39	74	48298	19.160 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71990	19.093 ug/l	99
10) Methyl Iodide	3.93	142	90514	19.316 ug/l	98
11) Tert butyl alcohol	4.75	59	73856	86.700 ug/l #	84
12) 1,1-Dichloroethene	3.71	96	69768	18.230 ug/l	98
13) Acrolein	3.58	56	47442	61.010 ug/l	98
14) Allyl chloride	4.30	41	128666	17.996 ug/l	99
15) Acrylonitrile	4.95	53	214974	95.446 ug/l	99
16) Acetone	3.79	43	211064	110.635 ug/l	97
17) Carbon Disulfide	4.03	76	209491	17.557 ug/l	99
18) Methyl Acetate	4.29	43	123826	19.558 ug/l	98
19) Methyl tert-butyl Ether	5.01	73	237936	19.248 ug/l	100
20) Methylene Chloride	4.52	84	81469	18.935 ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	75464	18.605 ug/l	98
22) Diisopropyl ether	5.92	45	255341	18.968 ug/l	96
23) Vinyl Acetate	5.87	43	992983	93.803 ug/l	100
24) 1,1-Dichloroethane	5.82	63	144934	19.128 ug/l	99
25) 2-Butanone	6.81	43	290685	97.988 ug/l	100
26) 2,2-Dichloropropane	6.80	77	121673	18.545 ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	86368	18.872 ug/l	98
28) Bromochloromethane	7.17	49	63926	22.089 ug/l	95
29) Tetrahydrofuran	7.18	42	190641	92.939 ug/l	99
30) Chloroform	7.35	83	138535	18.755 ug/l	97
31) Cyclohexane	7.63	56	134497	17.953 ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	118892	18.819 ug/l	99
36) 1,1-Dichloropropene	7.77	75	106746	18.465 ug/l	99
37) Ethyl Acetate	6.90	43	114912	18.496 ug/l	99
38) Carbon Tetrachloride	7.75	117	103742	18.746 ug/l	100

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

39) Methylcyclohexane	9.07	83	124935	17.922	ug/l	99
40) Benzene	8.02	78	323337	19.057	ug/l	100
41) Methacrylonitrile	7.18	41	166515	60.374	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	104518	18.626	ug/l	98
43) Isopropyl Acetate	8.15	43	178201	18.768	ug/l	99
44) Trichloroethene	8.82	130	83963	19.526	ug/l	99
45) 1,2-Dichloropropane	9.10	63	86324	19.080	ug/l	96
46) Dibromomethane	9.19	93	52483	18.912	ug/l	98
47) Bromodichloromethane	9.39	83	106214	19.111	ug/l	99
48) Methyl methacrylate	9.18	41	78053	18.077	ug/l	97
49) 1,4-Dioxane	9.19	88	22272	343.208	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	559680	100.704	ug/l	100
52) Toluene	10.15	92	196323	19.244	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	123409	19.101	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	132699	18.928	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	78158	19.704	ug/l	96
56) Ethyl methacrylate	10.42	69	116327	18.795	ug/l	97
57) 1,3-Dichloropropane	10.70	76	134834	19.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	189496	92.824	ug/l	100
59) 2-Hexanone	10.74	43	404397	99.371	ug/l	98
60) Dibromochloromethane	10.90	129	80799	19.330	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78482	19.015	ug/l	99
64) Tetrachloroethene	10.63	164	73974	19.008	ug/l	97
65) Chlorobenzene	11.43	112	205899	19.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	76186	19.383	ug/l	100
67) Ethyl Benzene	11.51	91	368343	19.067	ug/l	99
68) m/p-Xylenes	11.62	106	275745	38.414	ug/l	100
69) o-Xylene	11.95	106	132683	19.307	ug/l	98
70) Styrene	11.96	104	206307	19.026	ug/l	99
71) Bromoform	12.13	173	57649	19.366	ug/l #	100
73) Isopropylbenzene	12.25	105	353920	18.885	ug/l	99
74) N-amyl acetate	12.07	43	135611	18.005	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	116749	18.832	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	152901	28.930	ug/l #	100
77) Bromobenzene	12.53	156	85791	18.873	ug/l	98
78) n-propylbenzene	12.59	91	406359	19.142	ug/l	100
79) 2-Chlorotoluene	12.67	91	241926	18.567	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	299595	19.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40386	19.112	ug/l	98
82) 4-Chlorotoluene	12.77	91	245560	18.211	ug/l	99
83) tert-Butylbenzene	12.99	119	260360	19.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	292487	18.953	ug/l	100
85) sec-Butylbenzene	13.17	105	342694	19.163	ug/l	100
86) p-Isopropyltoluene	13.29	119	305584	19.203	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	148015	18.285	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	147212	18.380	ug/l	99
89) n-Butylbenzene	13.62	91	253248	18.141	ug/l	100
90) Hexachloroethane	13.88	117	56311	18.685	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	146769	18.740	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23519	17.844	ug/l	96

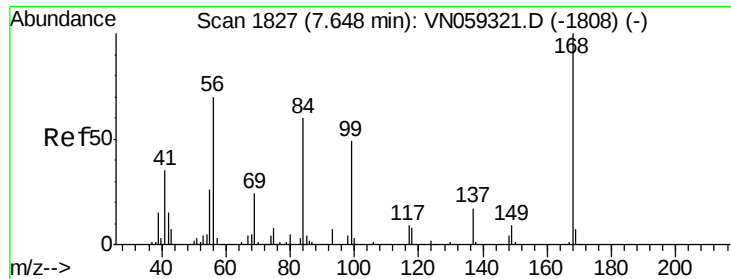
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112619\
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QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78306	18.069	ug/l	100
94) Hexachlorobutadiene	15.01	225	52713	18.681	ug/l	98
95) Naphthalene	15.13	128	198799	16.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	77412	17.477	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

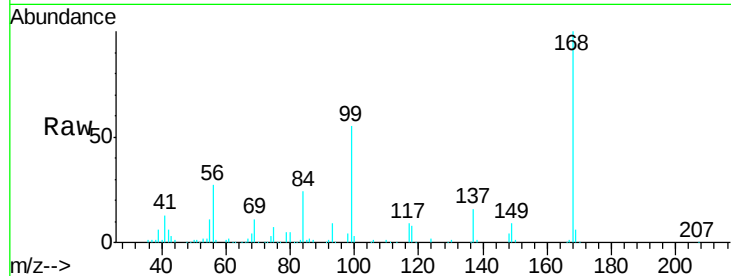
VN1126WBS01

Tgt Ion:168 Resp: 354610

Ion Ratio Lower Upper

168 100

99 54.6 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

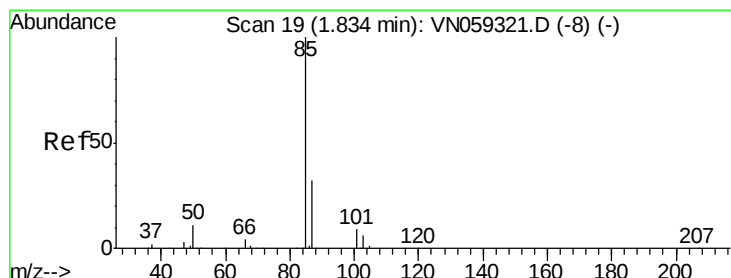
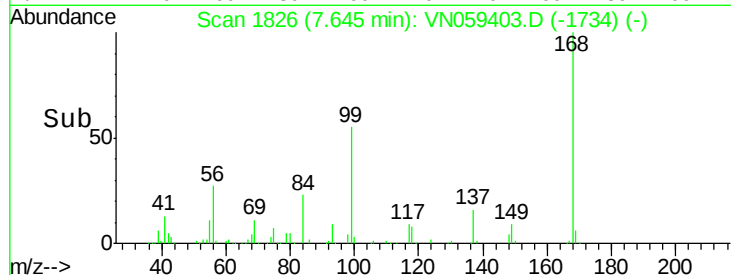
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.668 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059403.D

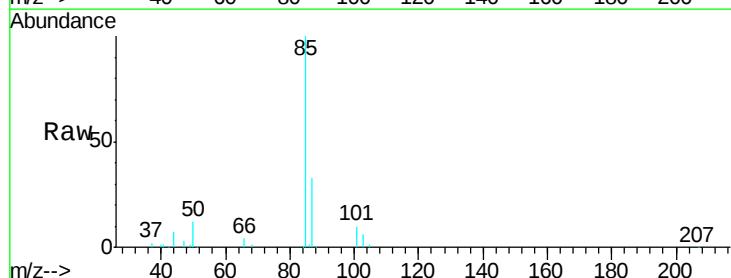
Acq: 26 Nov 2019 14:02

Tgt Ion: 85 Resp: 80209

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

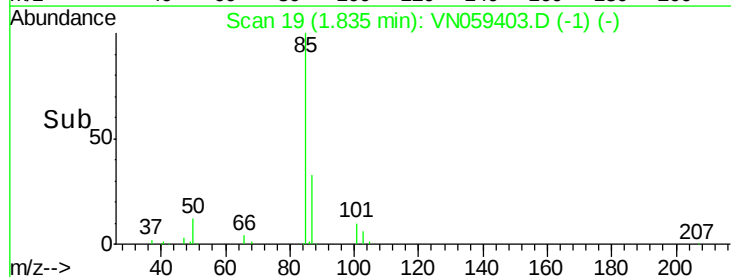
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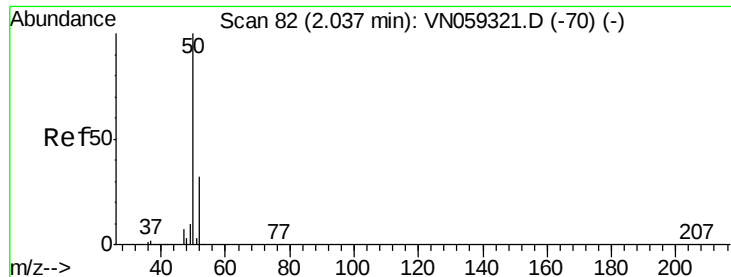
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.869 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

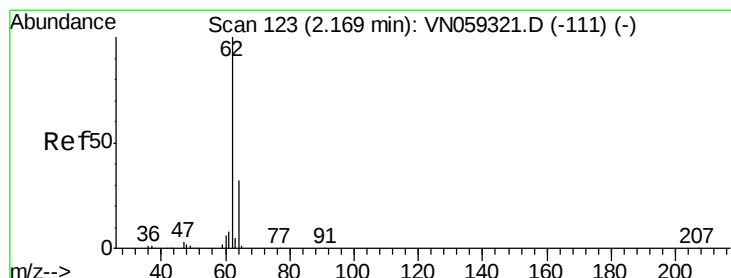
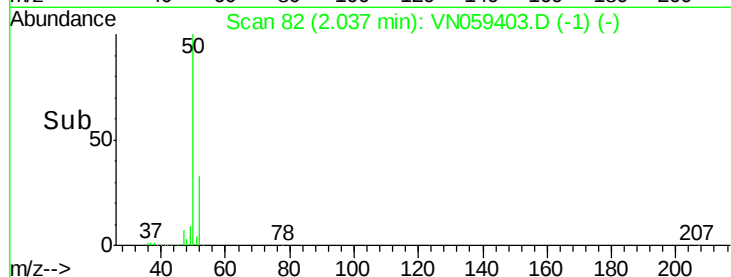
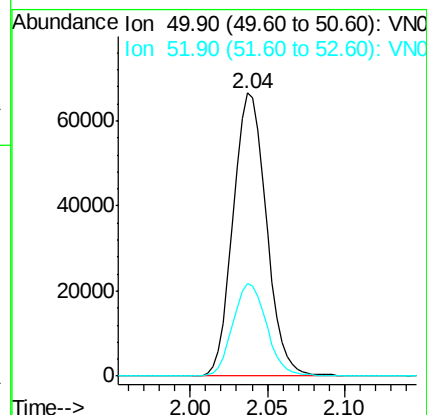
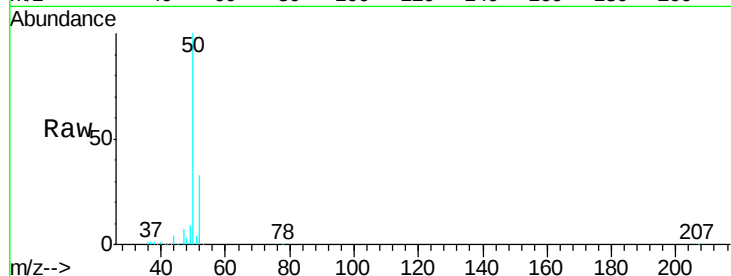
VN1126WBS01

Tgt Ion: 50 Resp: 99377

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 18.745 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059403.D

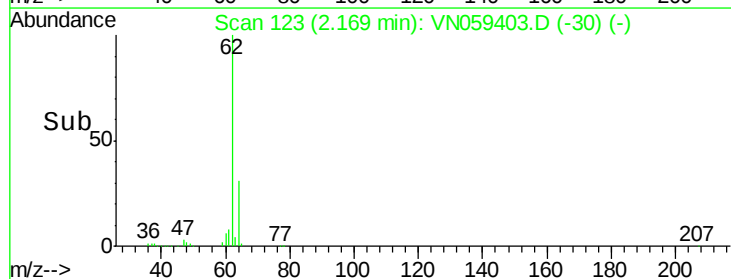
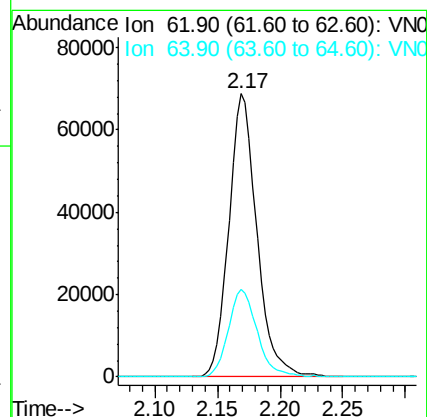
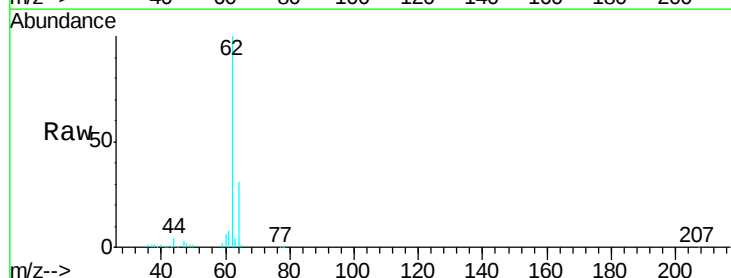
Acq: 26 Nov 2019 14:02

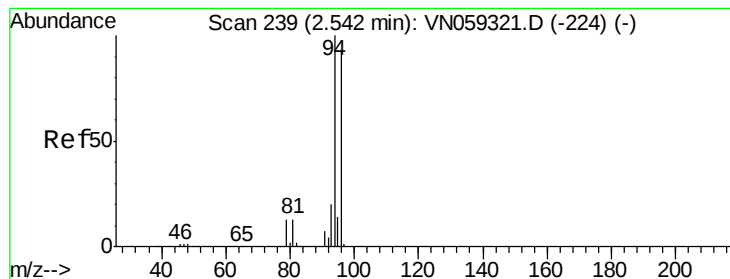
Tgt Ion: 62 Resp: 107336

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 18.639 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

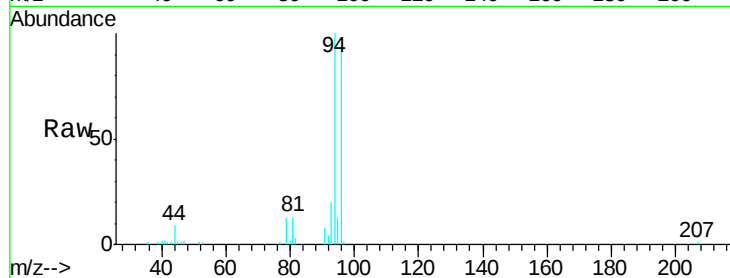
VN1126WBS01

Tgt Ion: 94 Resp: 59254

Ion Ratio Lower Upper

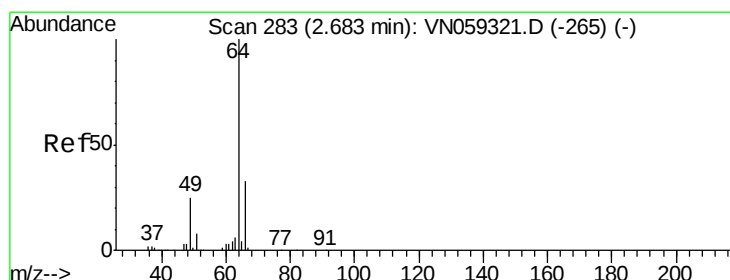
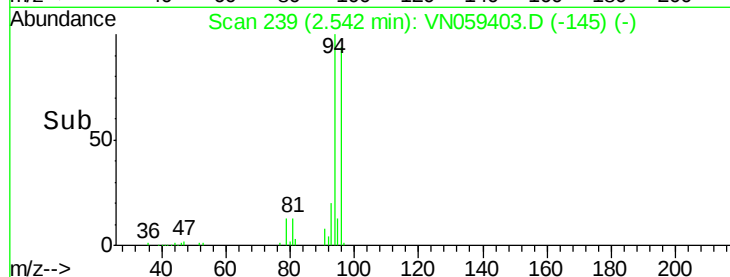
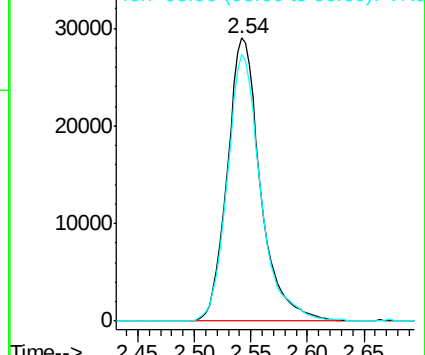
94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.737 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059403.D

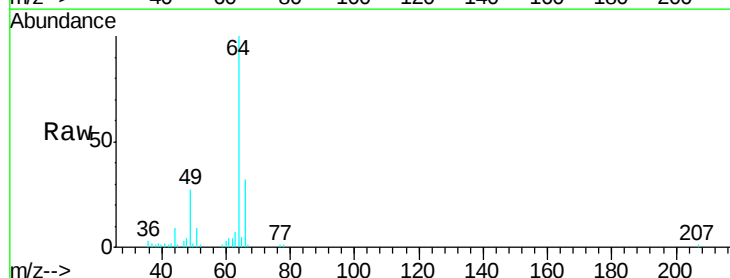
Acq: 26 Nov 2019 14:02

Tgt Ion: 64 Resp: 55428

Ion Ratio Lower Upper

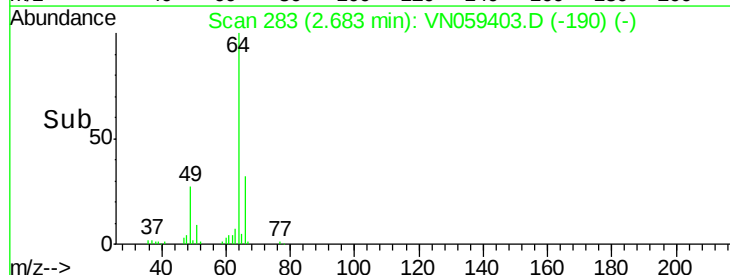
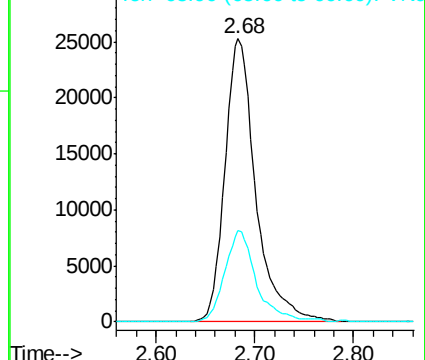
64 100

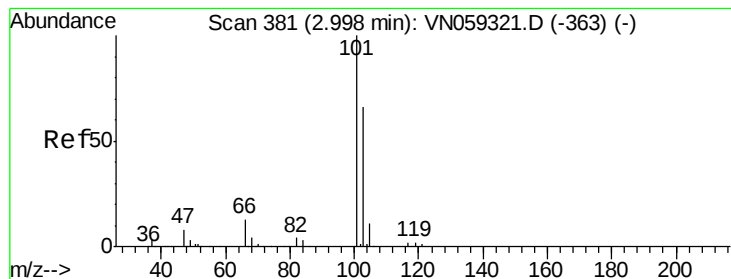
66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



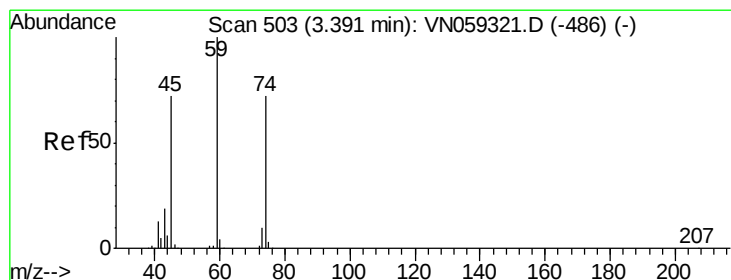
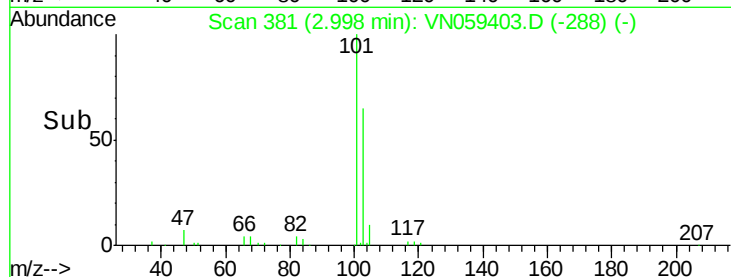
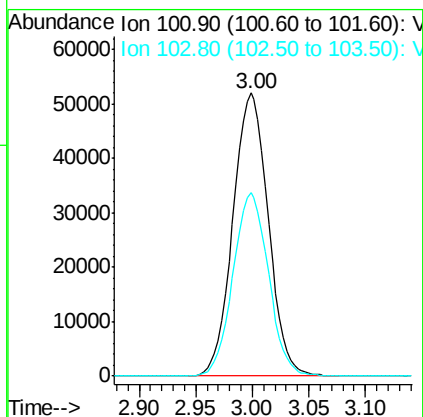
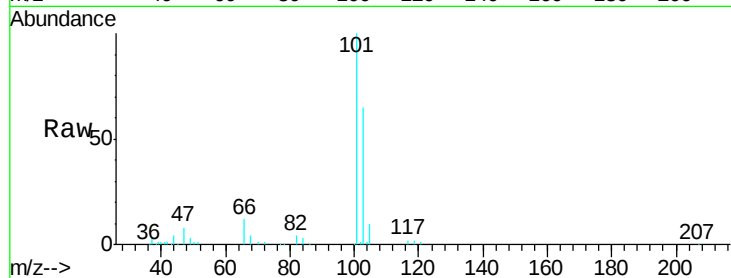


#7

Trichlorofluoromethane
 Concen: 18.365 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Instrument :
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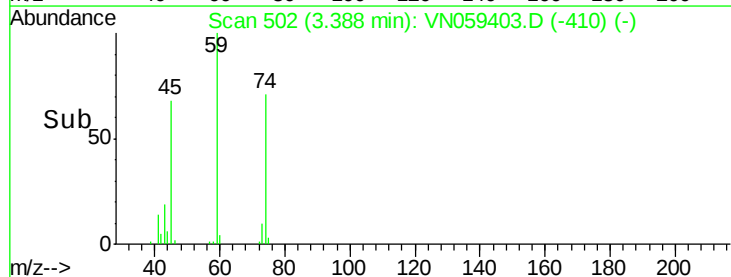
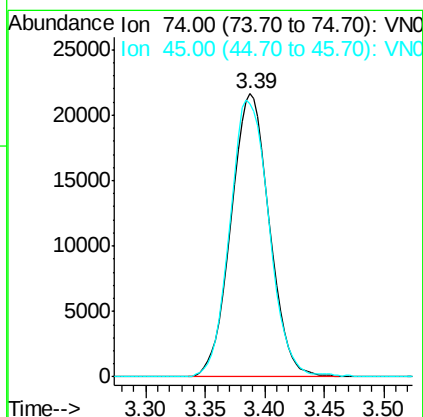
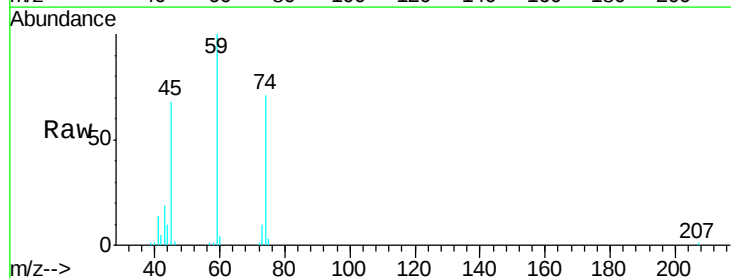
Tgt Ion:101 Resp: 113241
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.5 78.7

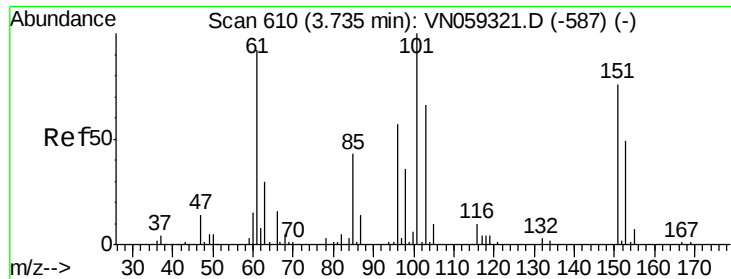


#8

Diethyl Ether
 Concen: 19.160 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion: 74 Resp: 48298
 Ion Ratio Lower Upper
 74 100
 45 100.2 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.093 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

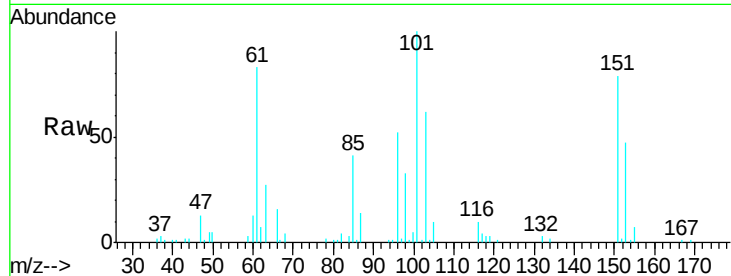
Tgt Ion:101 Resp: 71990

Ion Ratio Lower Upper

101 100

85 42.6 34.8 52.2

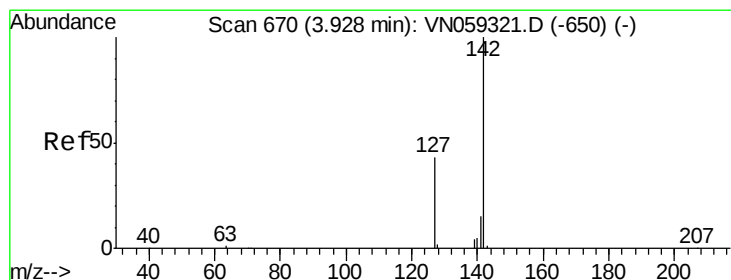
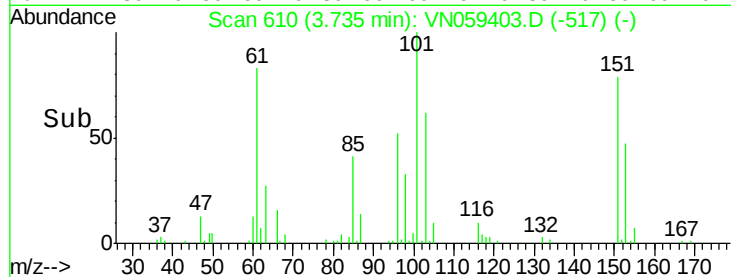
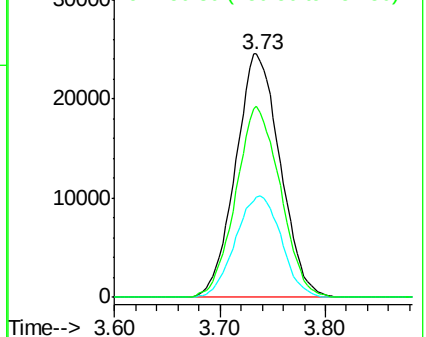
151 78.4 62.2 93.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.316 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

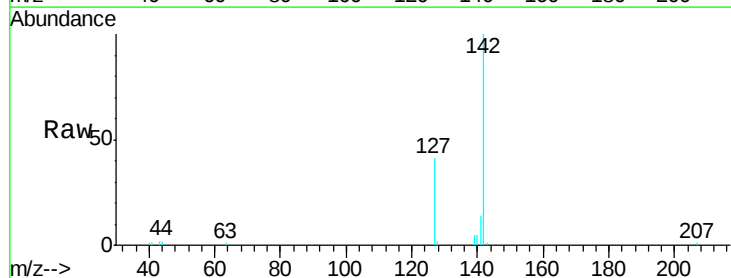
Tgt Ion:142 Resp: 90514

Ion Ratio Lower Upper

142 100

127 40.9 33.8 50.6

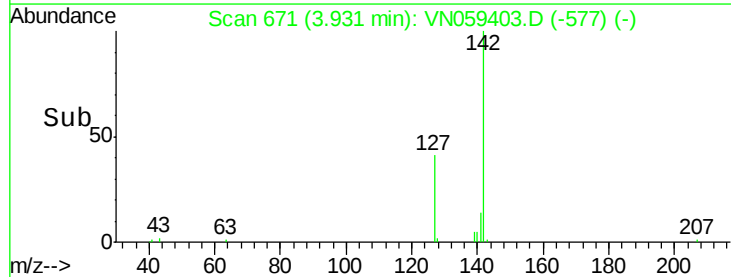
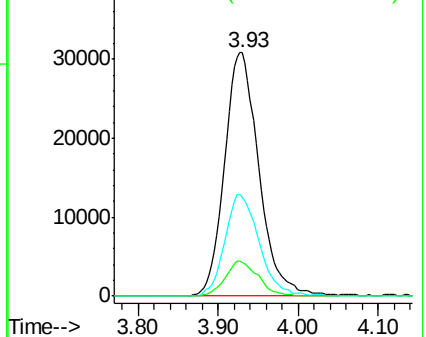
141 13.7 11.2 16.8

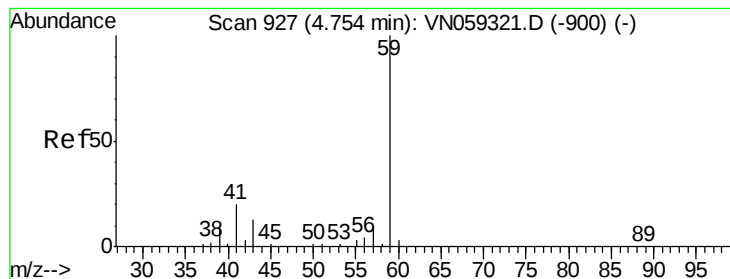


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.700 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

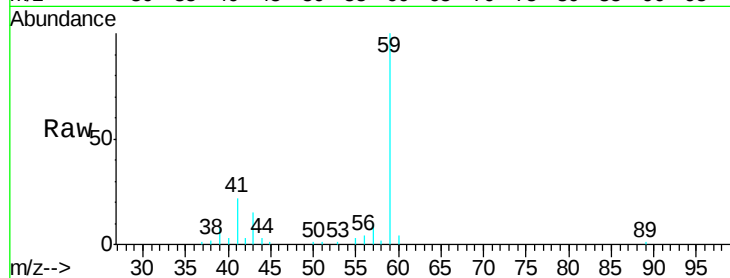
VN1126WBS01

Tgt Ion: 59 Resp: 73856

Ion Ratio Lower Upper

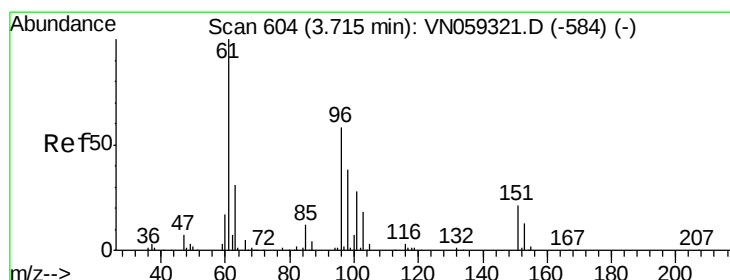
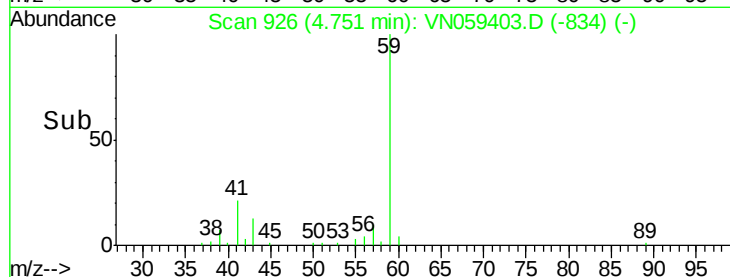
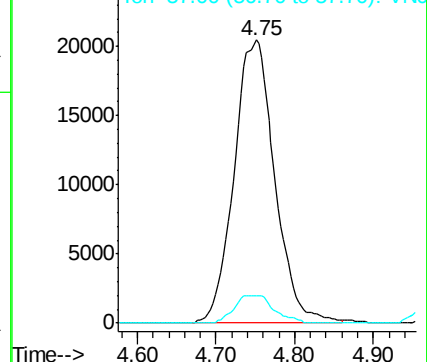
59 100

57 4.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.230 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

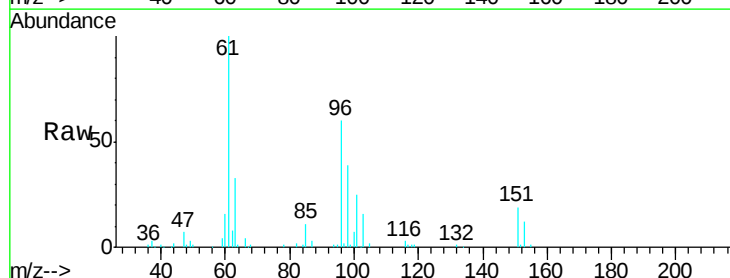
Tgt Ion: 96 Resp: 69768

Ion Ratio Lower Upper

96 100

61 167.1 136.8 205.2

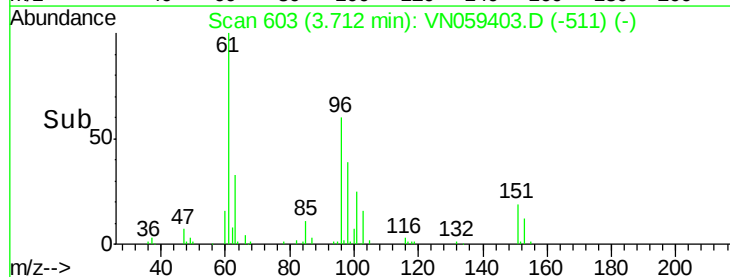
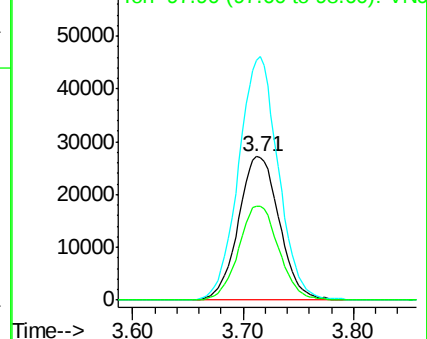
98 65.5 51.6 77.4

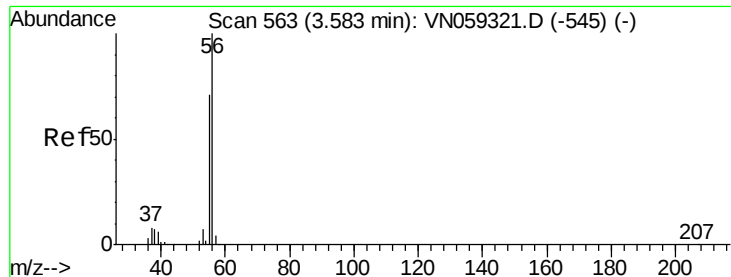


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 61.010 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

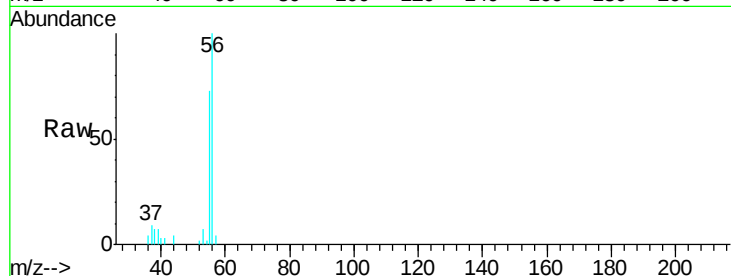
VN1126WBS01

Tgt Ion: 56 Resp: 47442

Ion Ratio Lower Upper

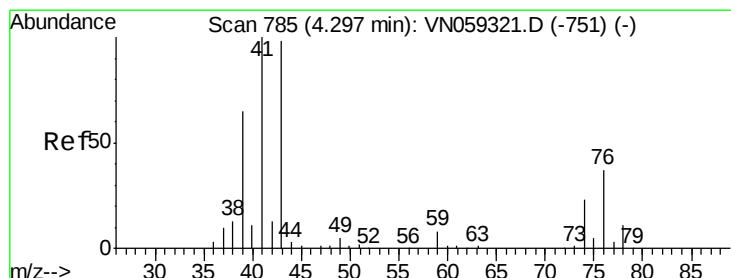
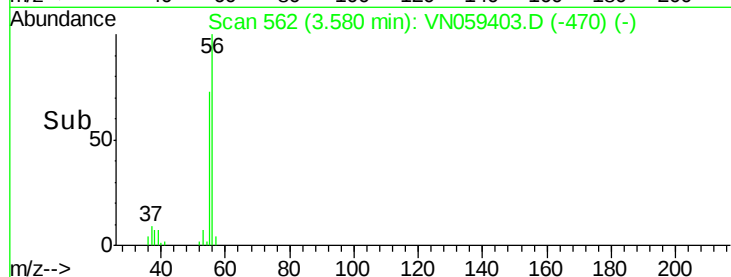
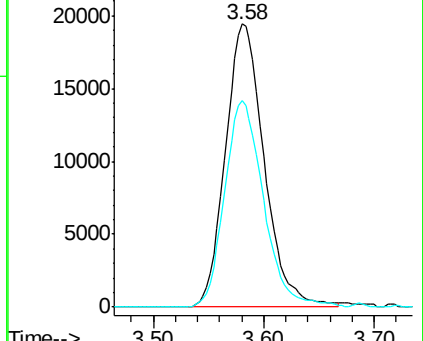
56 100

55 73.0 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.996 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

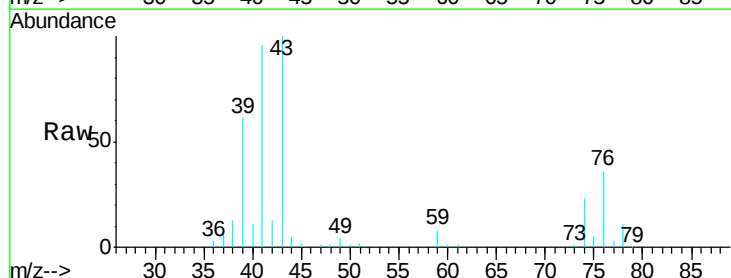
Tgt Ion: 41 Resp: 128666

Ion Ratio Lower Upper

41 100

39 60.5 48.4 72.6

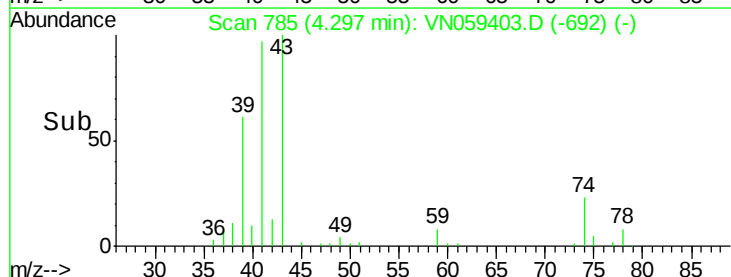
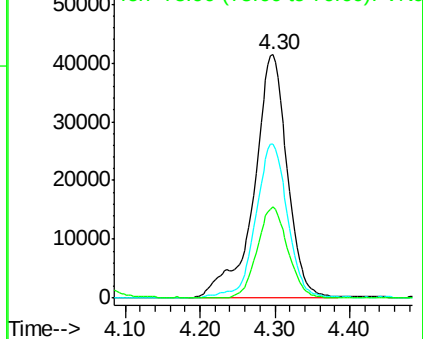
76 34.3 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.446 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.01 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

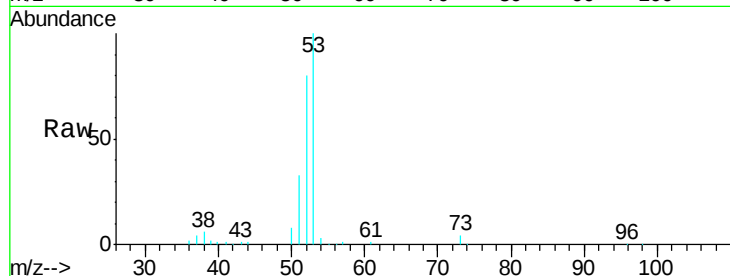
Tgt Ion: 53 Resp: 214974

Ion Ratio Lower Upper

53 100

52 81.7 65.8 98.8

51 34.4 28.2 42.2

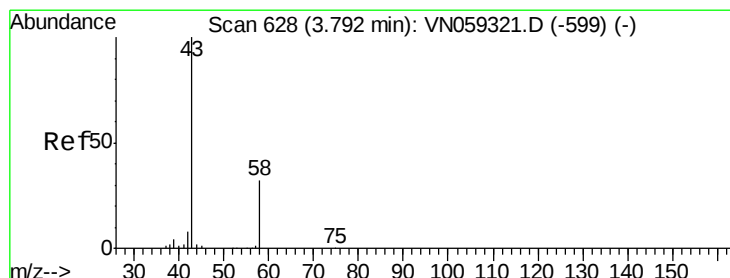
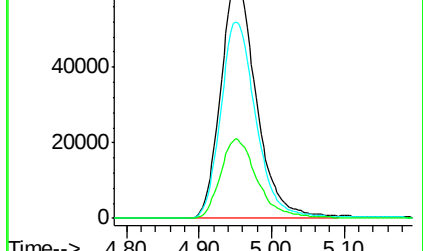
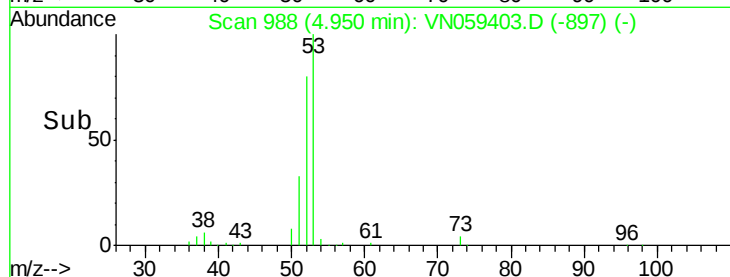


Abundance Ion 53.00 (52.70 to 53.70): VN059403.D (-897) (-)

Ion 52.00 (51.70 to 52.70): VN059403.D (-897) (-)

Ion 51.00 (50.70 to 51.70): VN059403.D (-897) (-)

Time-->



#16

Acetone

Concen: 110.635 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059403.D

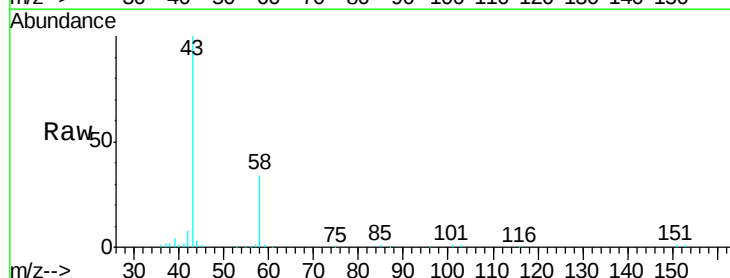
Acq: 26 Nov 2019 14:02

Tgt Ion: 43 Resp: 211064

Ion Ratio Lower Upper

43 100

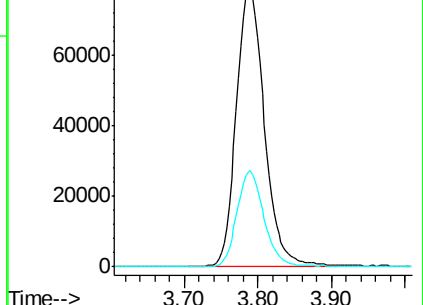
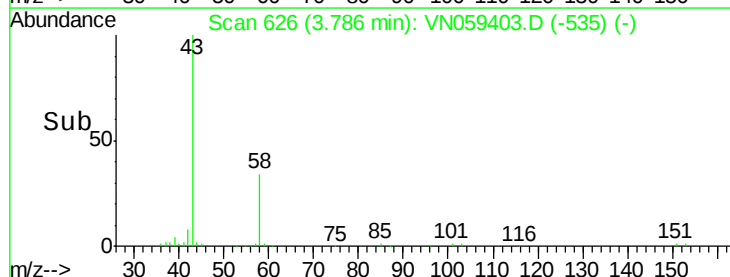
58 33.8 25.8 38.6

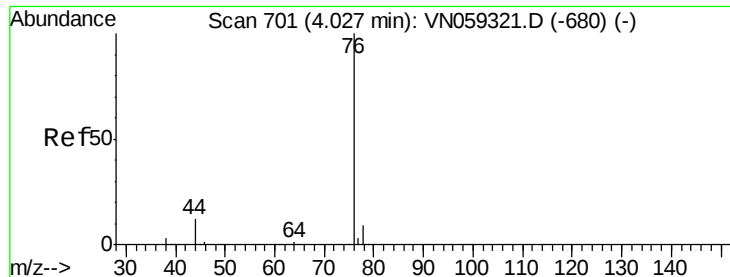


Abundance Ion 43.00 (42.70 to 43.70): VN059403.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059403.D (-535) (-)

Time-->

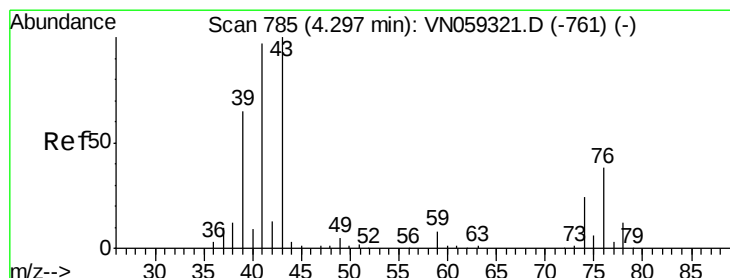
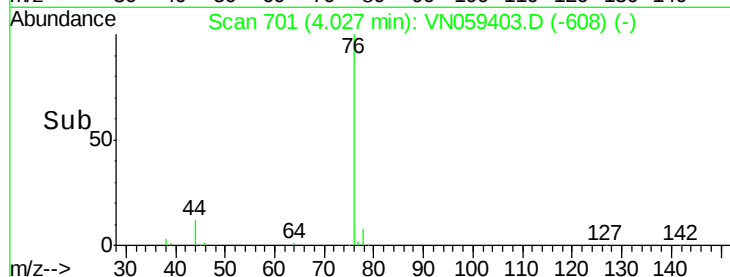
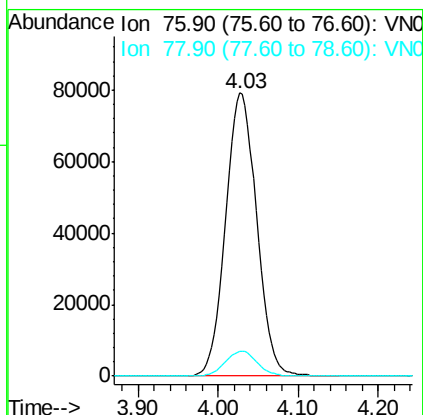
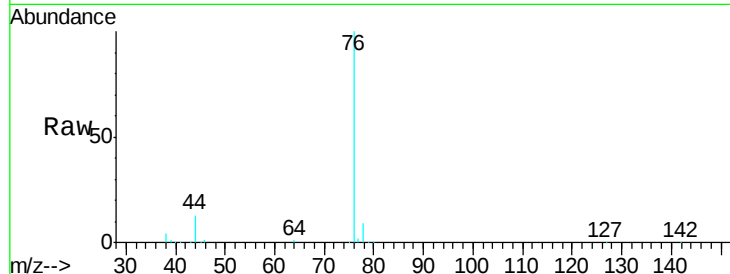




#17
Carbon Disulfide
Concen: 17.557 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

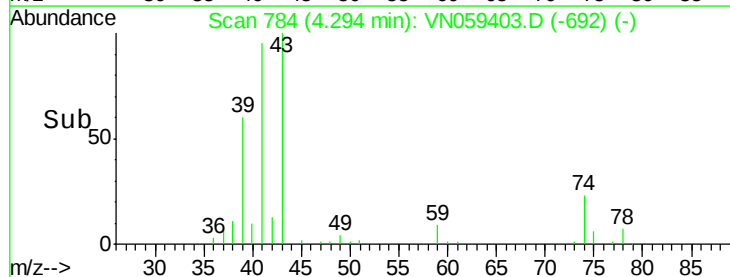
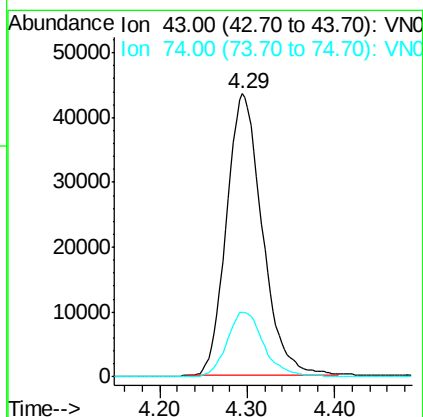
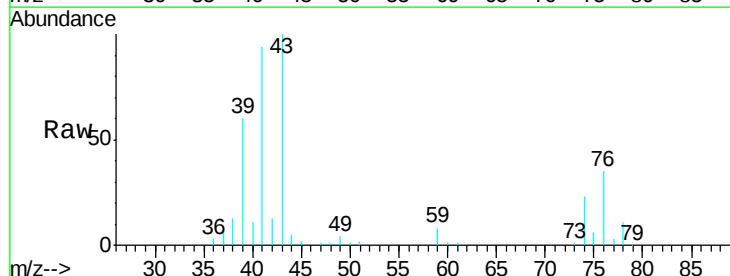
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

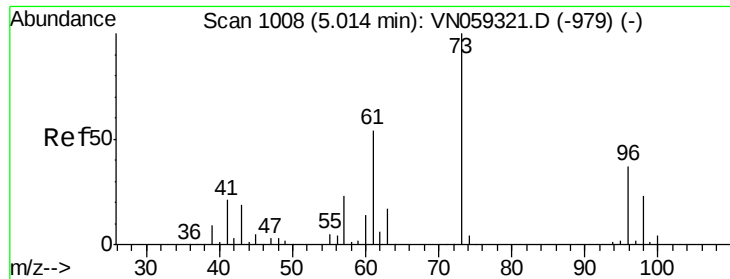
Tgt Ion: 76 Resp: 209491
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 19.558 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 43 Resp: 123826
Ion Ratio Lower Upper
43 100
74 23.4 18.1 27.1

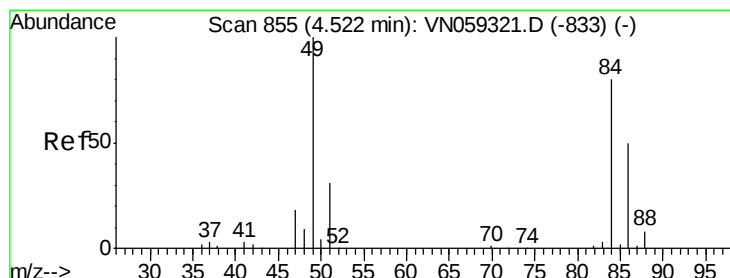
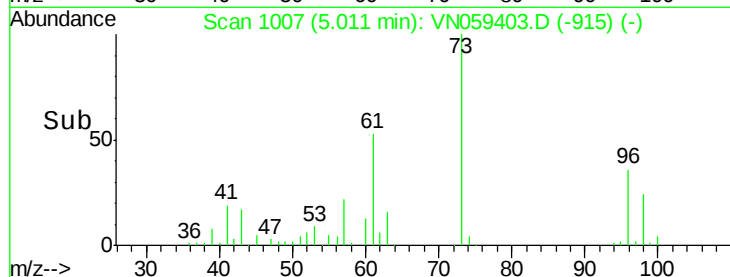
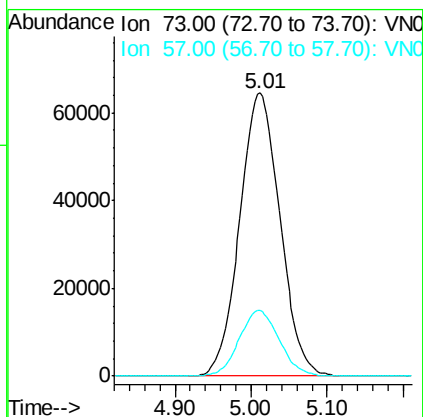
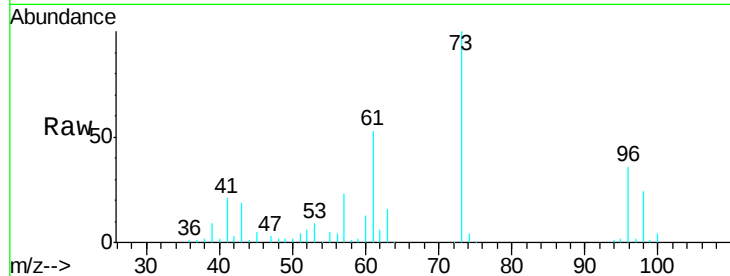




#19
Methyl tert-butyl Ether
Concen: 19.248 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

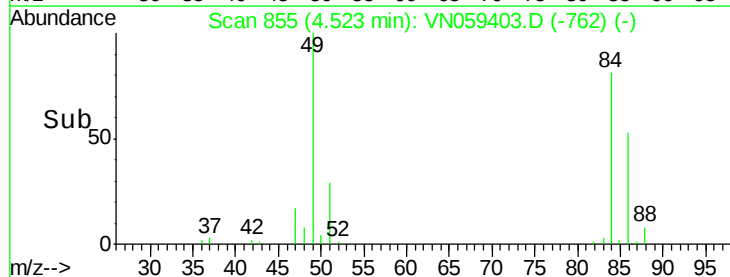
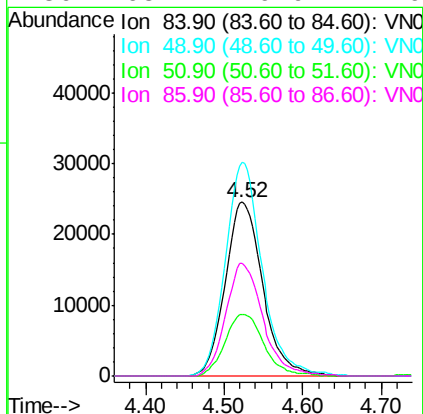
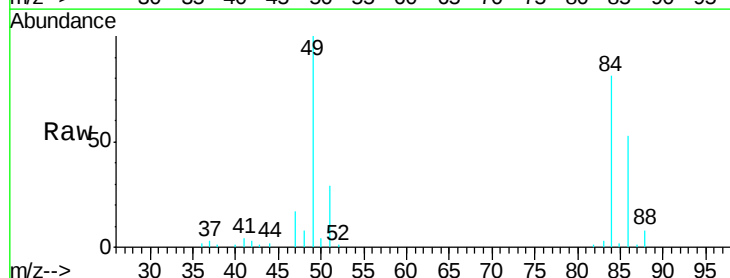
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

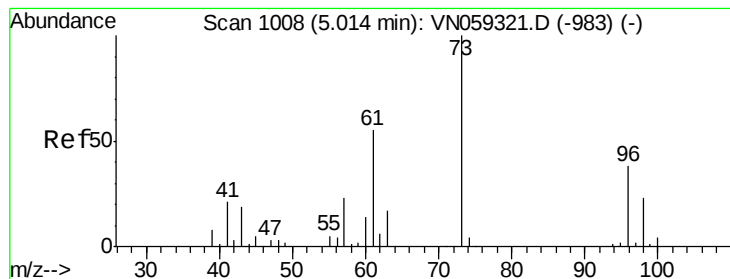
Tgt Ion: 73 Resp: 237936
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#20
Methylene Chloride
Concen: 18.935 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 84 Resp: 81469
Ion Ratio Lower Upper
84 100
49 123.0 99.5 149.3
51 35.7 31.1 46.7
86 65.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.605 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

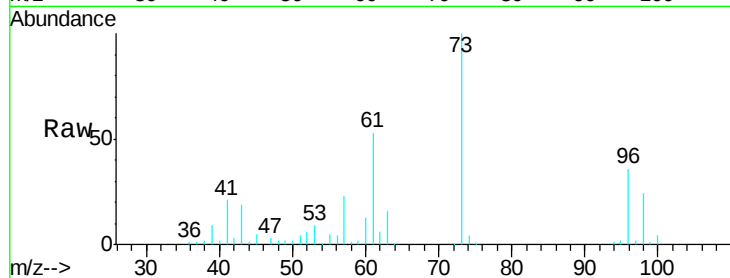
Tgt Ion: 96 Resp: 75464

Ion Ratio Lower Upper

96 100

61 146.7 116.4 174.6

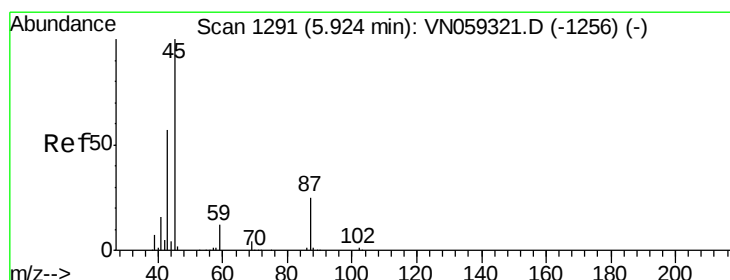
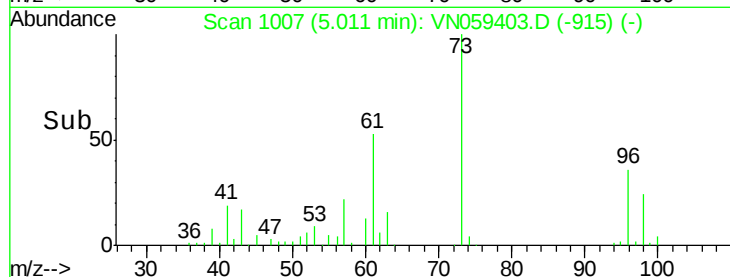
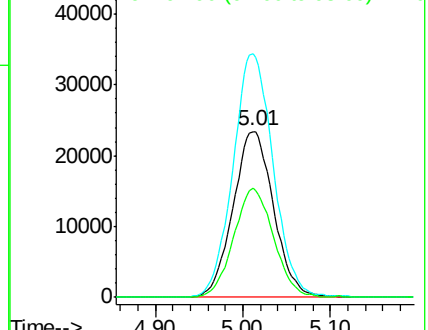
98 65.5 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VN059403.D (-915) (-)

Ion 60.90 (60.60 to 61.60): VN059403.D (-915) (-)

Ion 97.90 (97.60 to 98.60): VN059403.D (-915) (-)



#22

Diisopropyl ether

Concen: 18.968 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion: 45 Resp: 255341

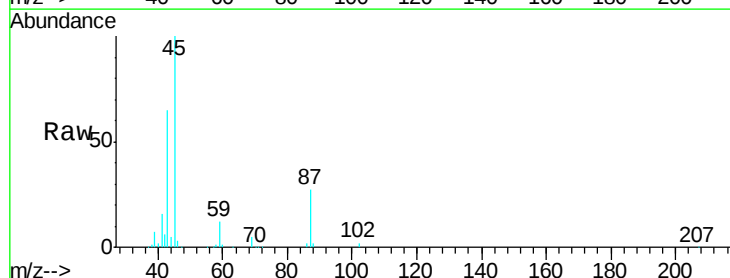
Ion Ratio Lower Upper

45 100

43 63.3 47.6 71.4

87 27.2 20.7 31.1

59 12.1 9.4 14.2

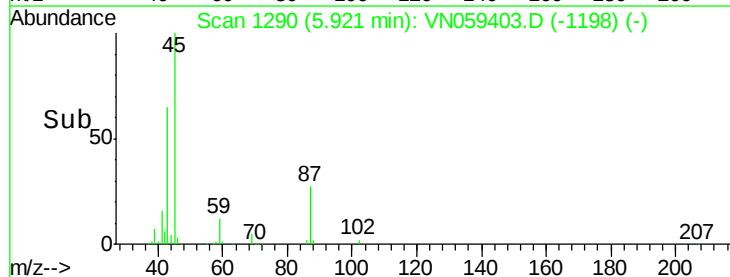
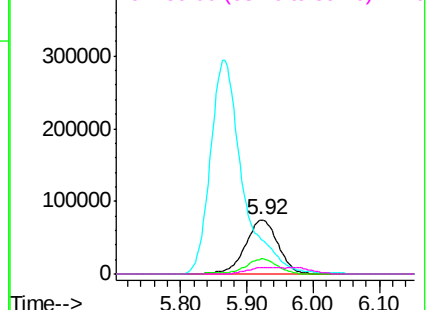


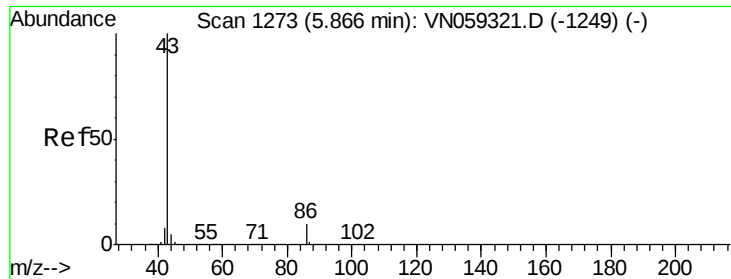
Abundance Ion 45.00 (44.70 to 45.70): VN059403.D (-1198) (-)

Ion 43.00 (42.70 to 43.70): VN059403.D (-1198) (-)

Ion 87.00 (86.70 to 87.70): VN059403.D (-1198) (-)

Ion 59.00 (58.70 to 59.70): VN059403.D (-1198) (-)





#23

Vinyl Acetate

Concen: 93.803 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

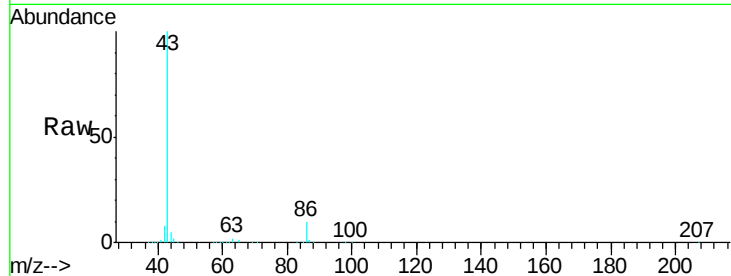
VN1126WBS01

Tgt Ion: 43 Resp: 992983

Ion Ratio Lower Upper

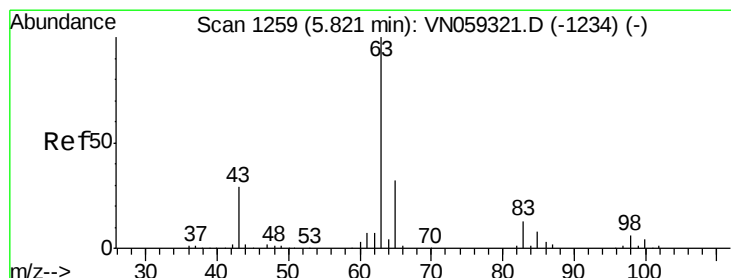
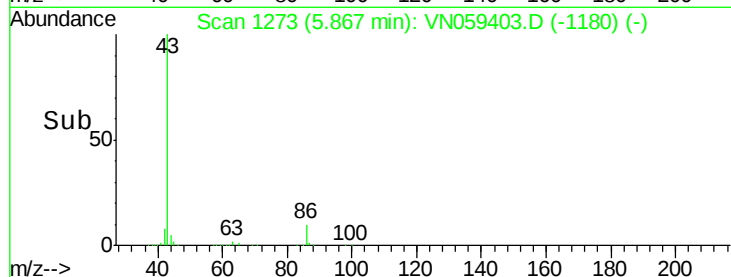
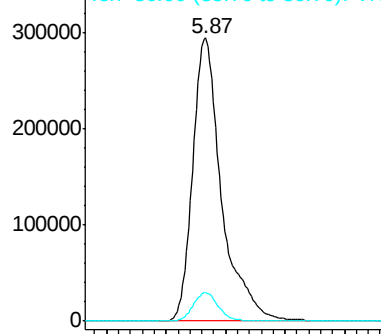
43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.128 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

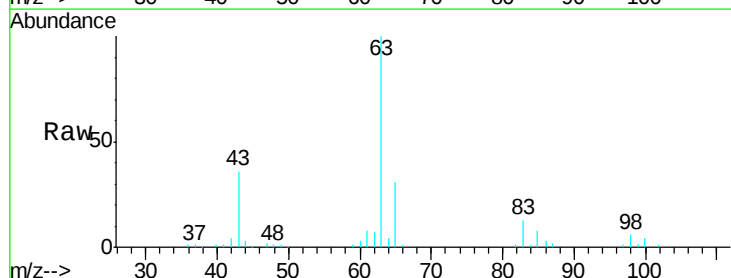
Tgt Ion: 63 Resp: 144934

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

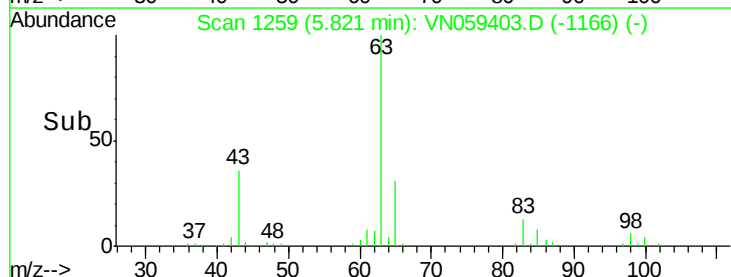
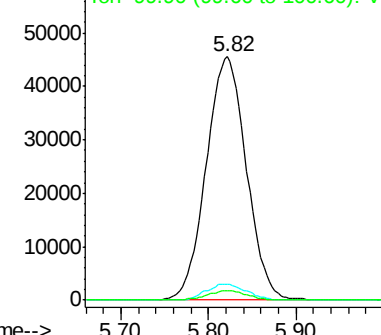
100 3.9 1.9 5.7

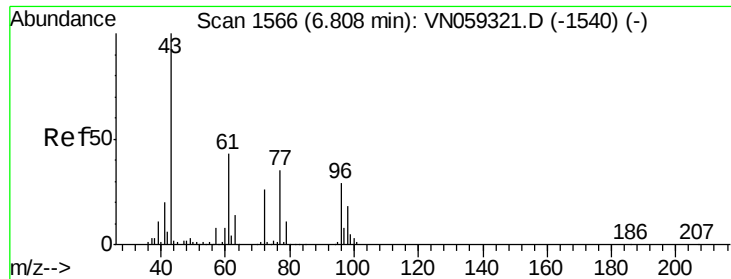


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 97.988 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

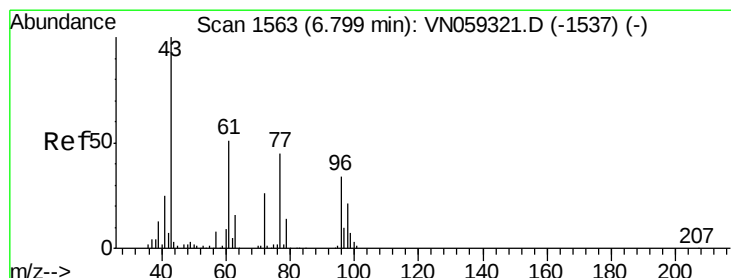
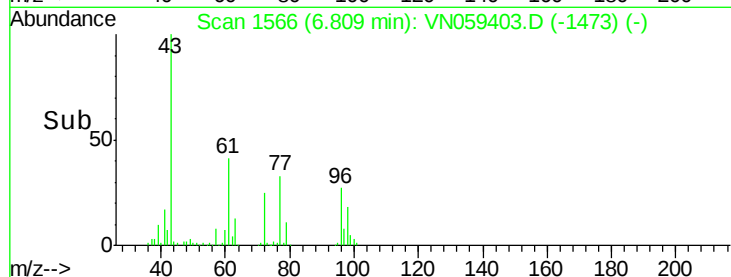
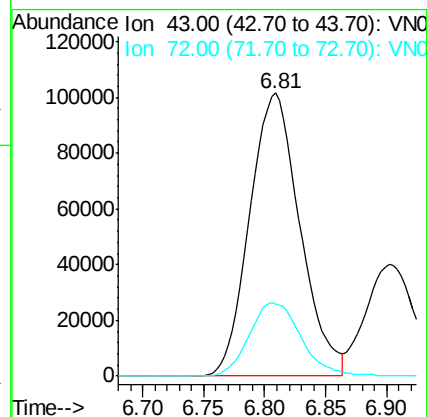
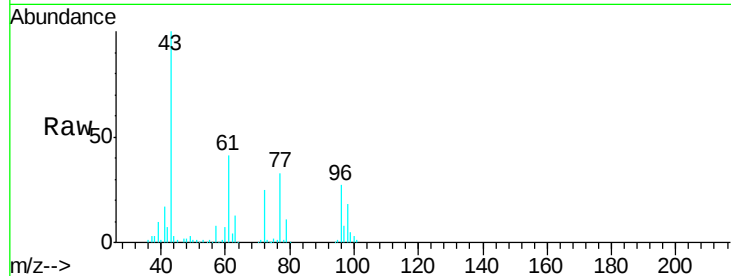
VN1126WBS01

Tgt Ion: 43 Resp: 290685

Ion Ratio Lower Upper

43 100

72 25.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.545 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059403.D

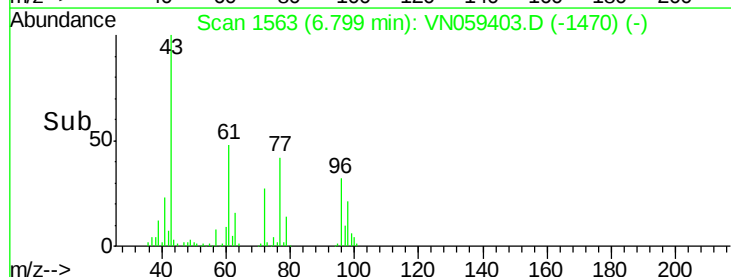
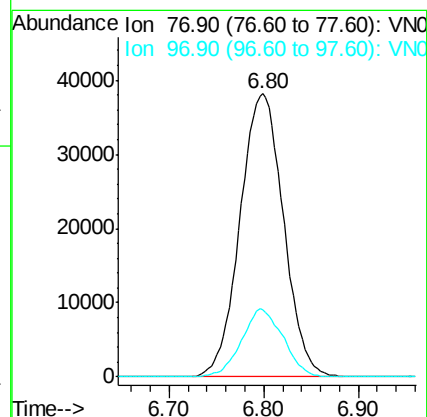
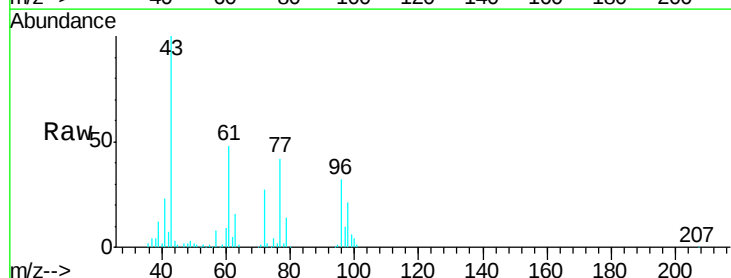
Acq: 26 Nov 2019 14:02

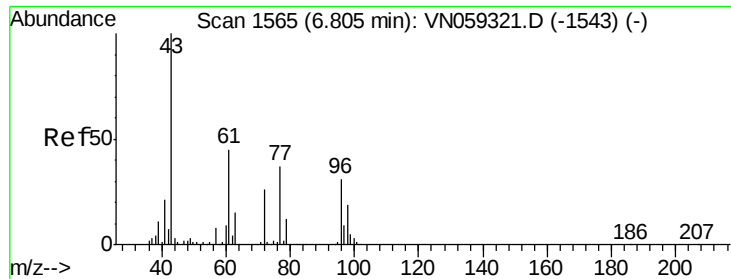
Tgt Ion: 77 Resp: 121673

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 18.872 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

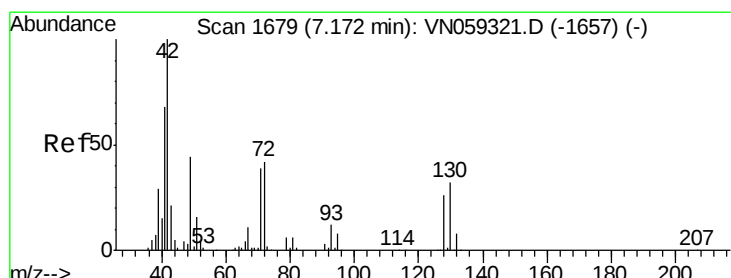
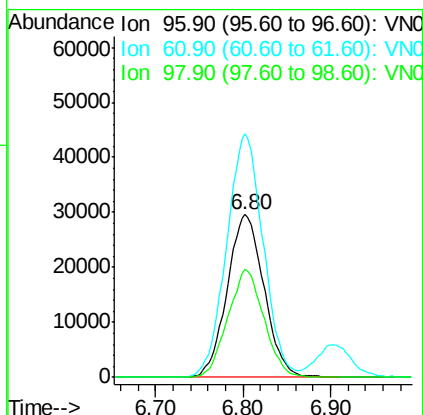
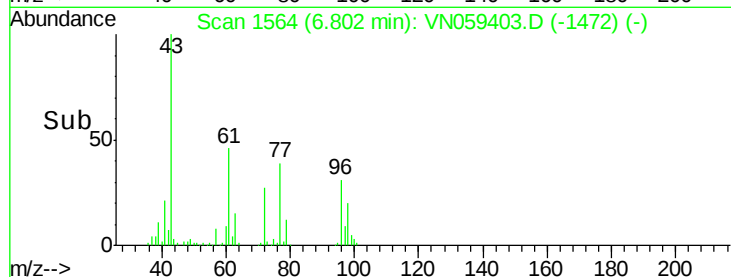
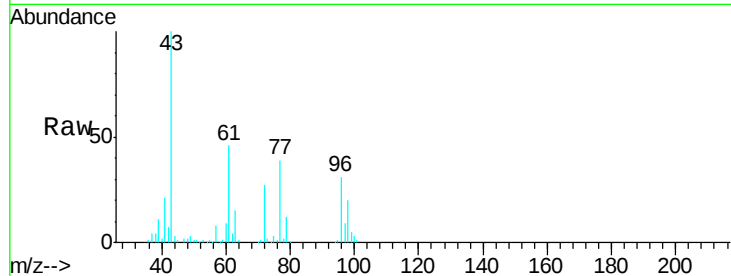
Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 96 Resp: 86368

Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	304.0
98	64.8	0.0	128.4



#28

Bromochloromethane

Concen: 22.089 ug/l

RT: 7.17 min Scan# 1679

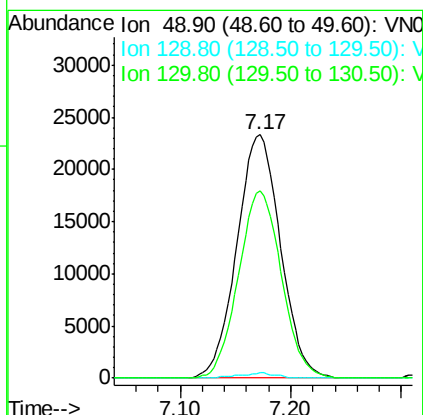
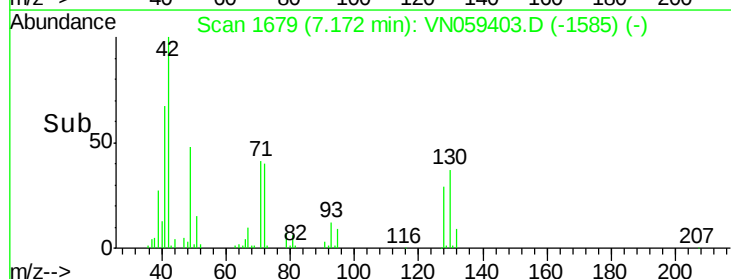
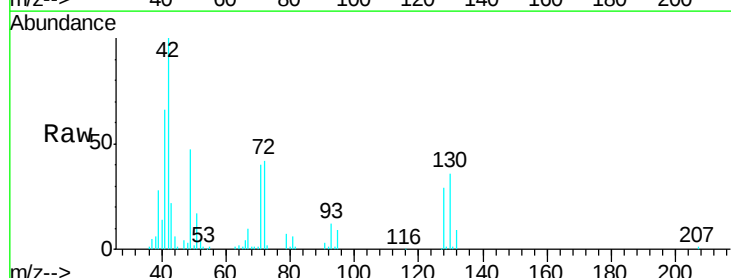
Delta R.T. 0.00 min

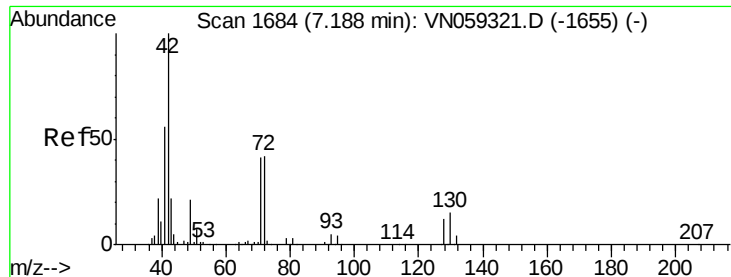
Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion: 49 Resp: 63926

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	75.5	57.0	85.6





#29

Tetrahydrofuran

Concen: 92.939 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

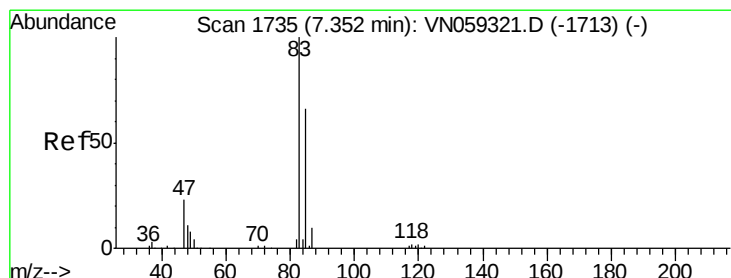
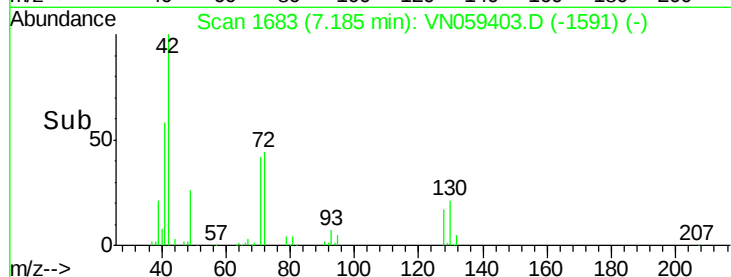
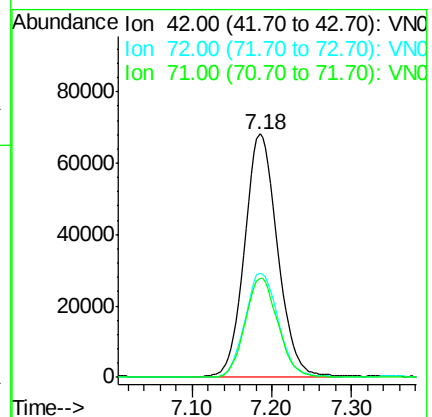
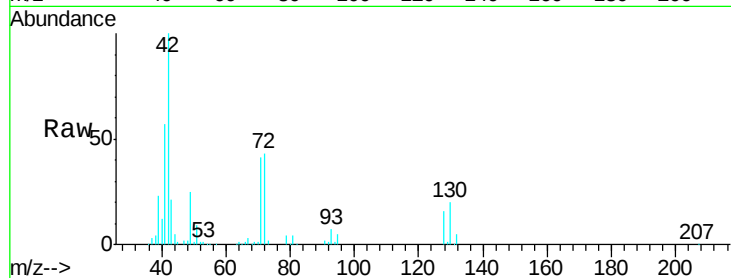
Tgt Ion: 42 Resp: 190641

Ion Ratio Lower Upper

42 100

72 43.1 34.2 51.2

71 40.3 32.6 48.8



#30

Chloroform

Concen: 18.755 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN059403.D

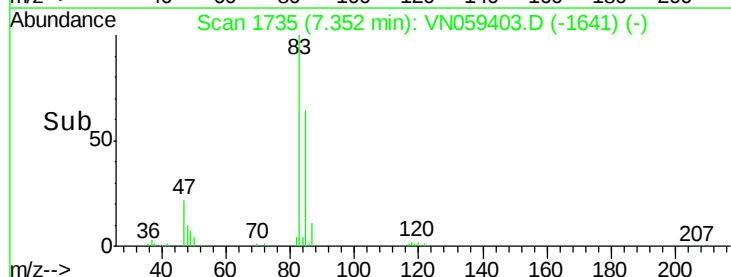
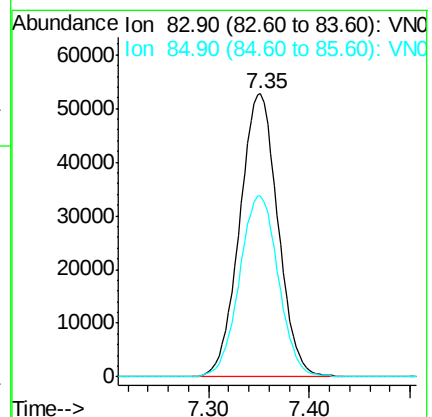
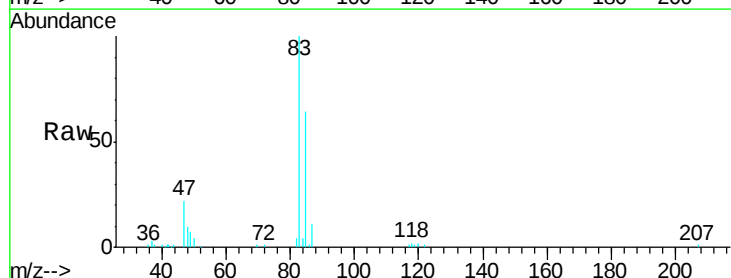
Acq: 26 Nov 2019 14:02

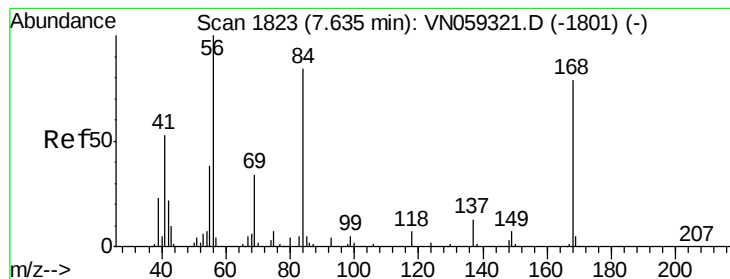
Tgt Ion: 83 Resp: 138535

Ion Ratio Lower Upper

83 100

85 63.8 52.7 79.1





#31

Cyclohexane

Concen: 17.953 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

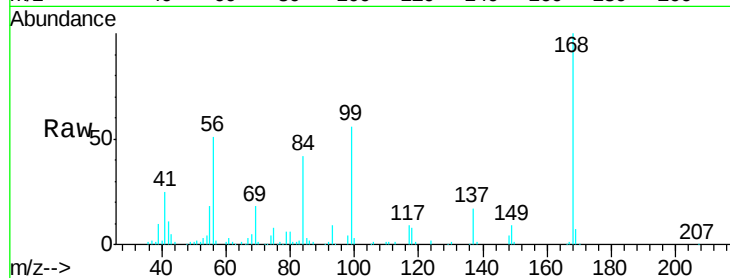
Tgt Ion: 56 Resp: 134497

Ion Ratio Lower Upper

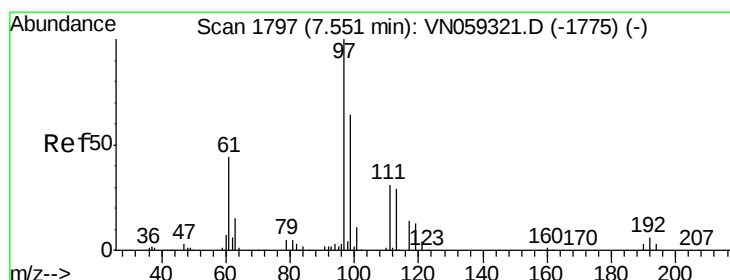
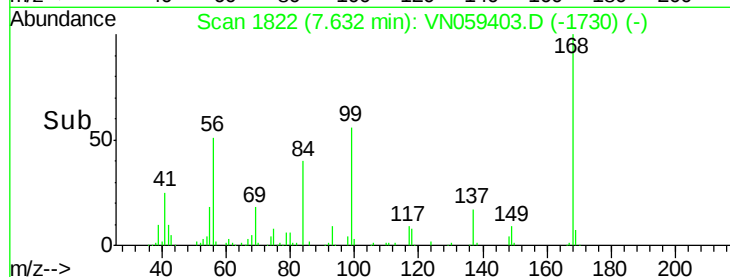
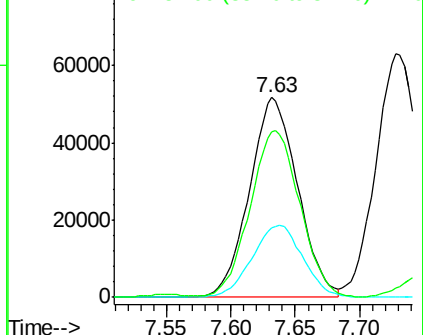
56 100

69 34.5 26.6 40.0

84 82.0 67.0 100.4



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



#32

1,1,1-Trichloroethane

Concen: 18.819 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

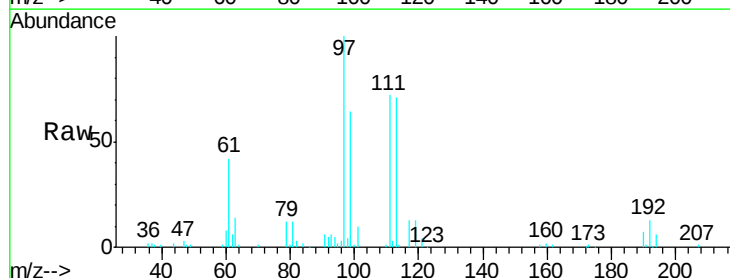
Tgt Ion: 97 Resp: 118892

Ion Ratio Lower Upper

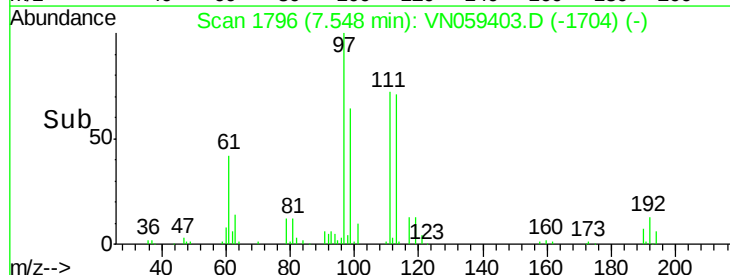
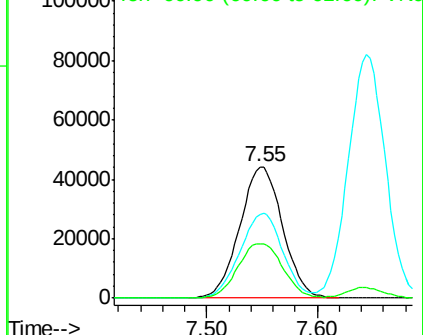
97 100

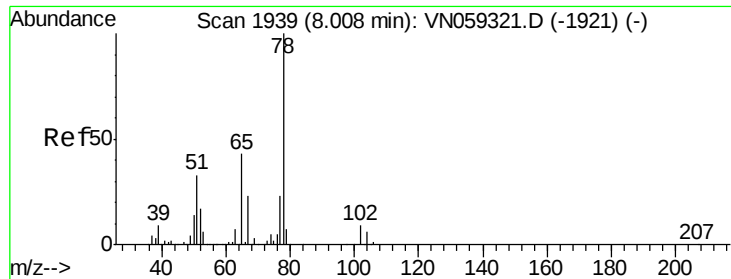
99 64.7 51.3 76.9

61 43.5 35.3 52.9



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





#33

1,2-Dichloroethane-d4

Concen: 52.386 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

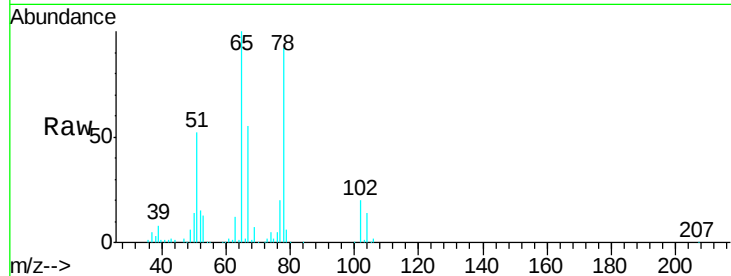
VN1126WBS01

Tgt Ion: 65 Resp: 222887

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059321.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN059321.D (-1921) (-)

8.01

100000

80000

60000

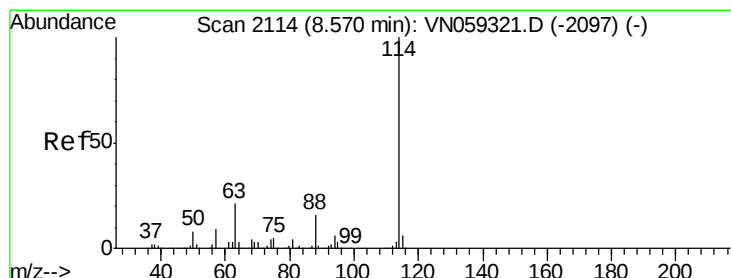
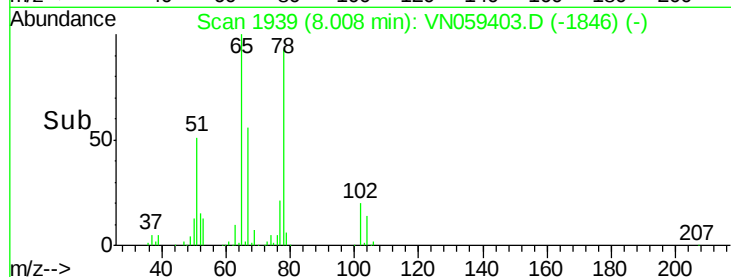
40000

20000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

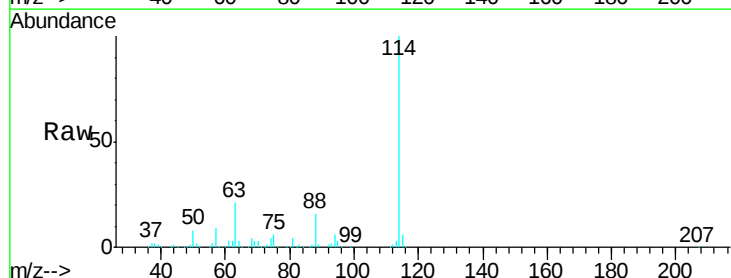
Tgt Ion: 114 Resp: 559974

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059321.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN059321.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN059321.D (-2097) (-)

8.57

300000

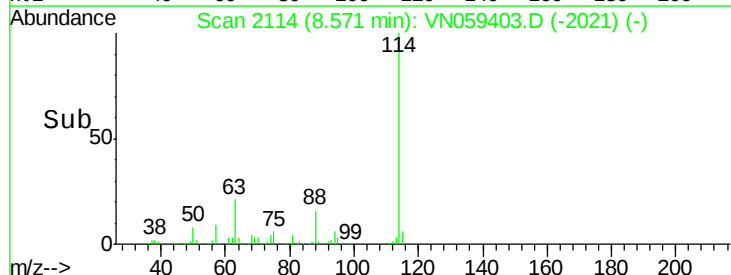
200000

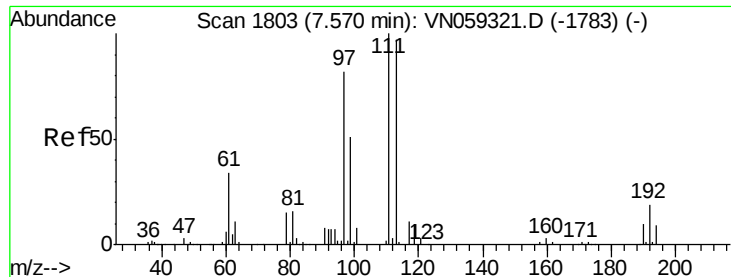
100000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#35

Dibromofluoromethane

Concen: 53.986 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

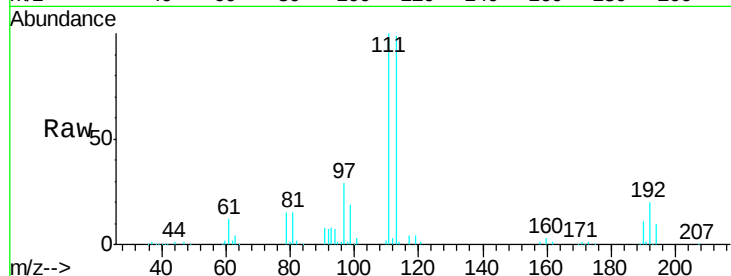
Tgt Ion:113 Resp: 181367

Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

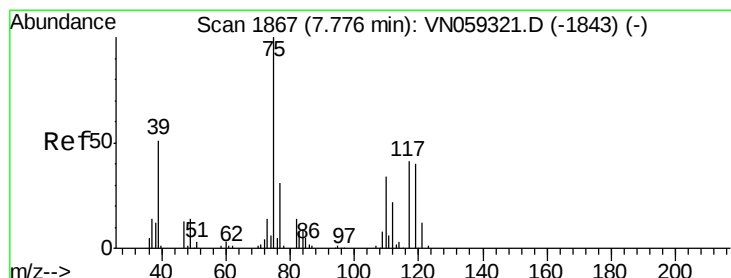
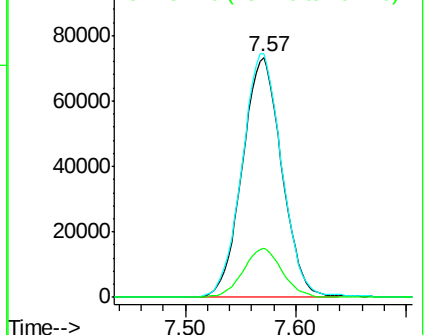
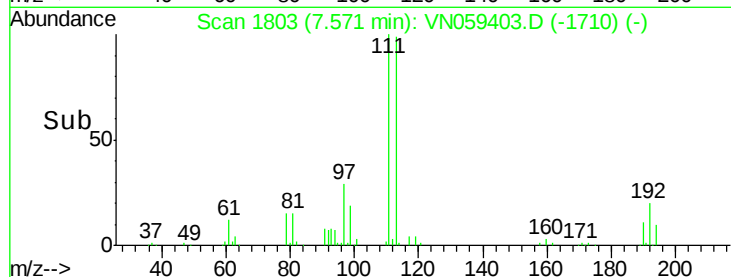
192 20.3 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.465 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

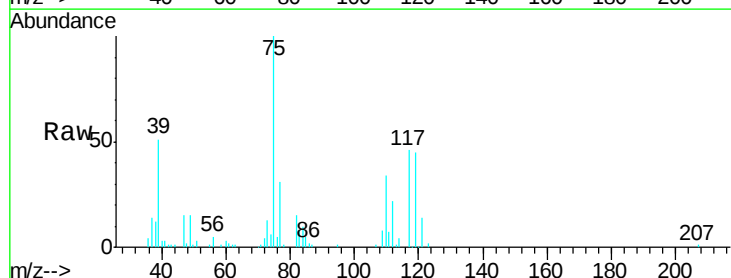
Tgt Ion: 75 Resp: 106746

Ion Ratio Lower Upper

75 100

110 34.8 17.0 51.0

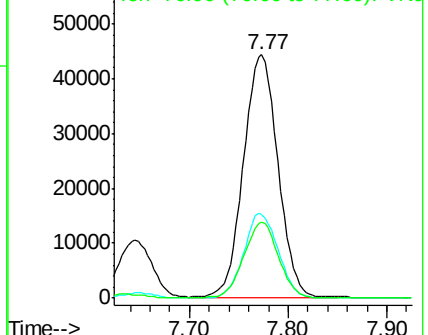
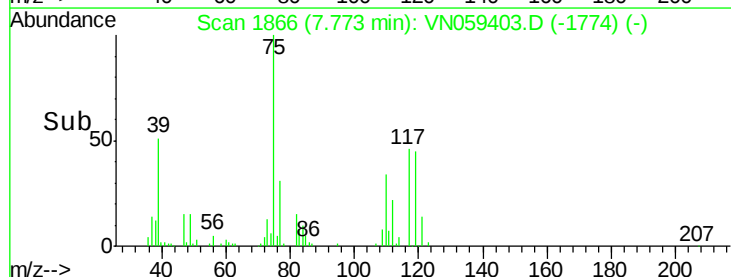
77 31.6 24.8 37.2

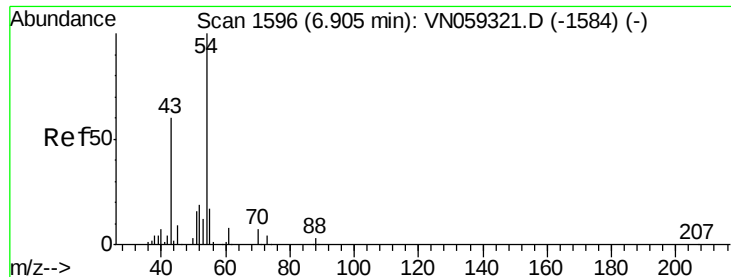


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

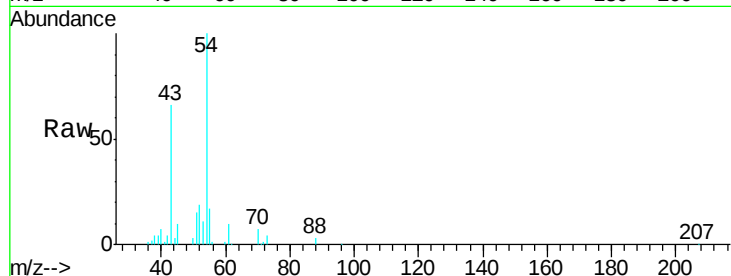




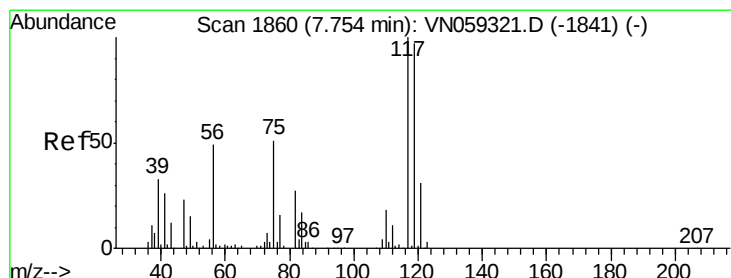
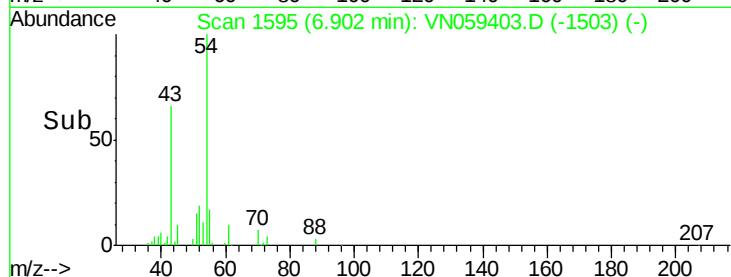
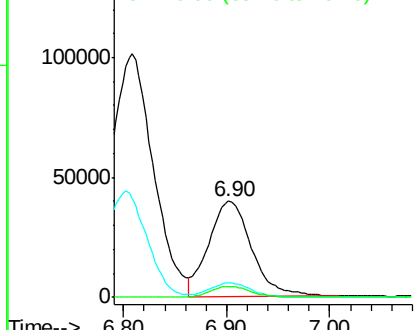
#37
Ethyl Acetate
Concen: 18.496 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampled :
VN1126WBS01

Tgt Ion: 43 Resp: 114912
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 10.6 8.8 13.2

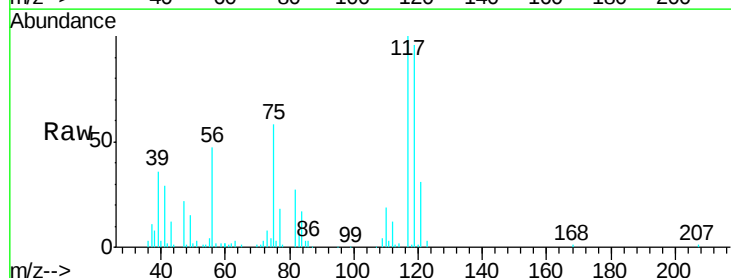


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

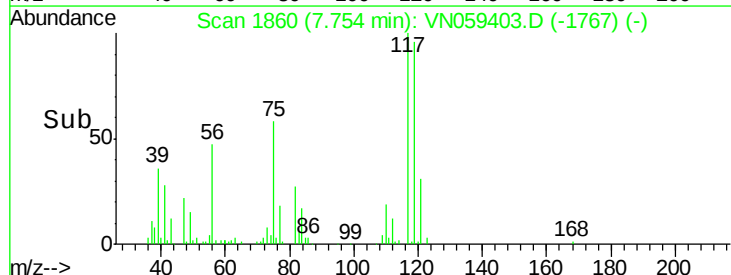
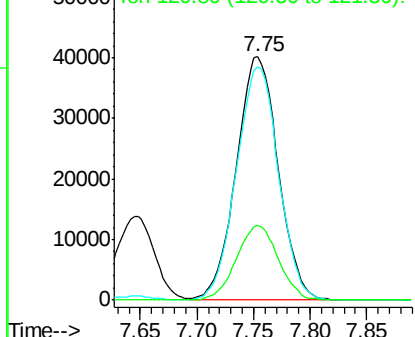


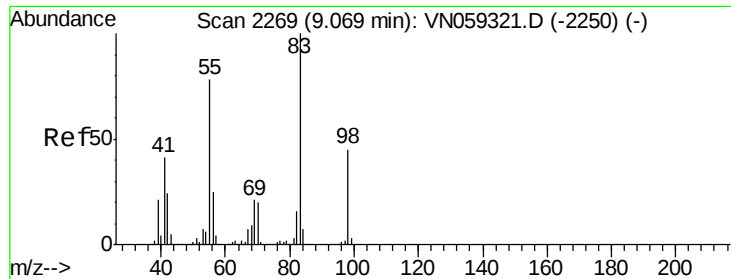
#38
Carbon Tetrachloride
Concen: 18.746 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 117 Resp: 103742
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4
121 30.7 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

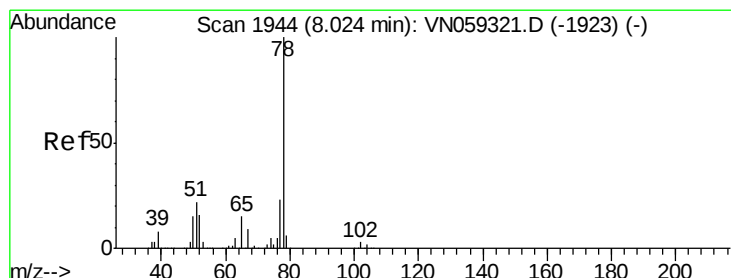
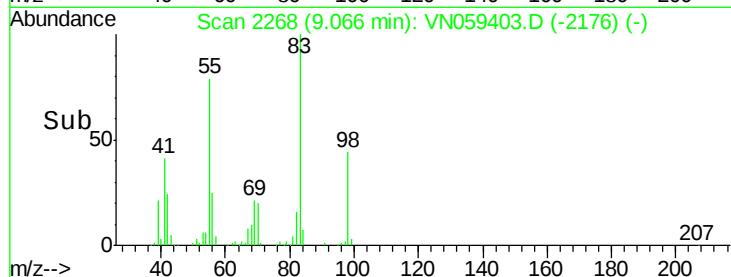
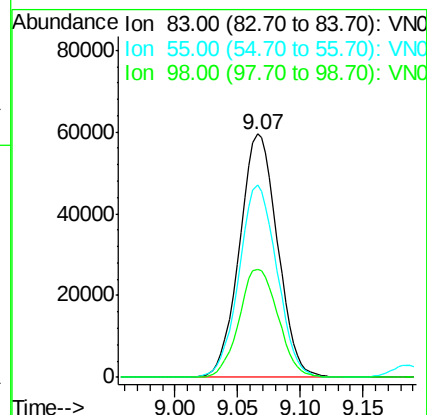
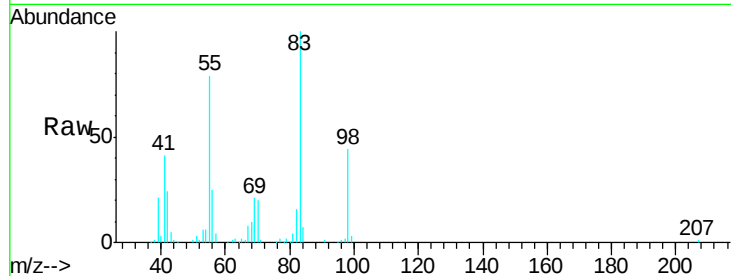




#39
Methylcyclohexane
Concen: 17.922 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

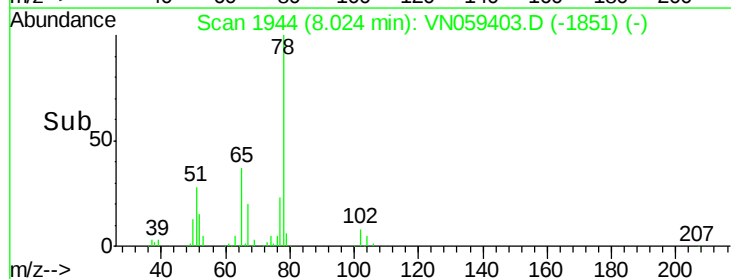
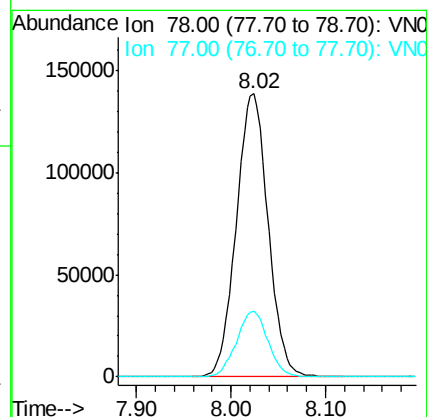
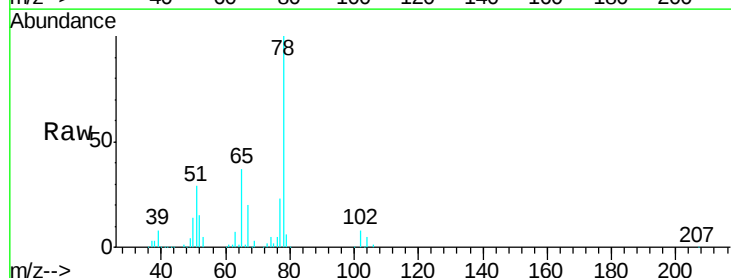
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

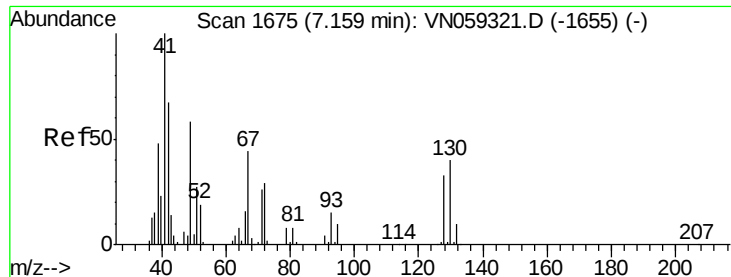
Tgt Ion: 83 Resp: 124935
Ion Ratio Lower Upper
83 100
55 79.1 62.3 93.5
98 44.4 36.0 54.0



#40
Benzene
Concen: 19.057 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 78 Resp: 323337
Ion Ratio Lower Upper
78 100
77 23.1 18.4 27.6

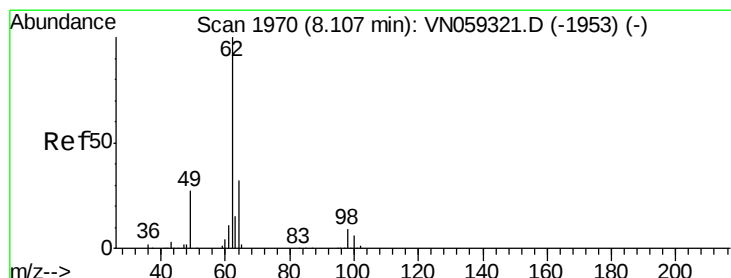
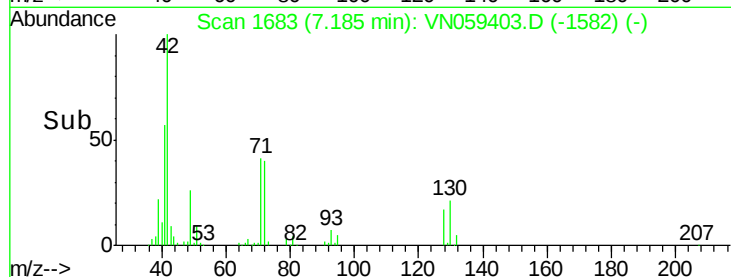
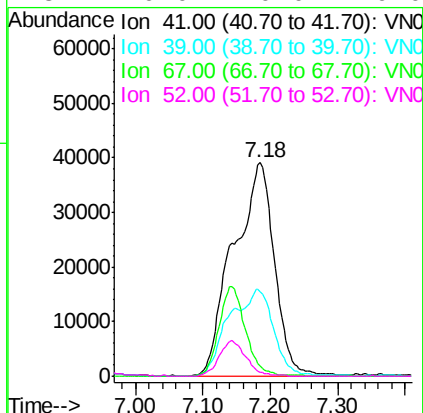
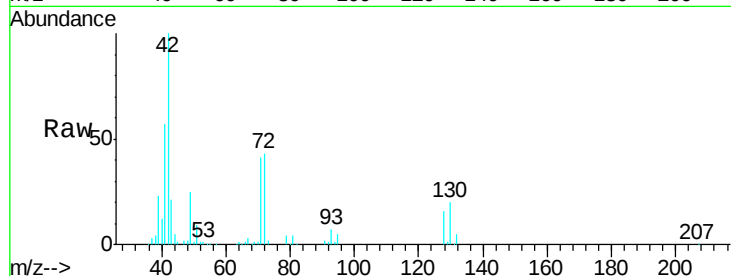




#41
Methacrylonitrile
Concen: 60.374 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

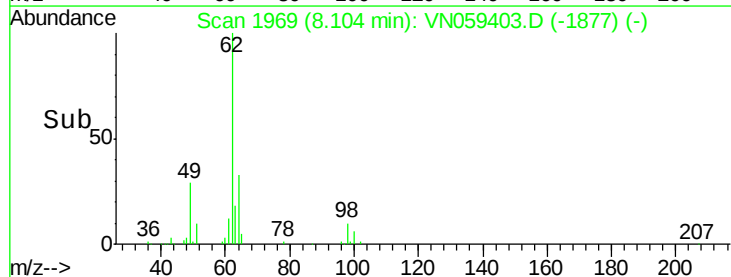
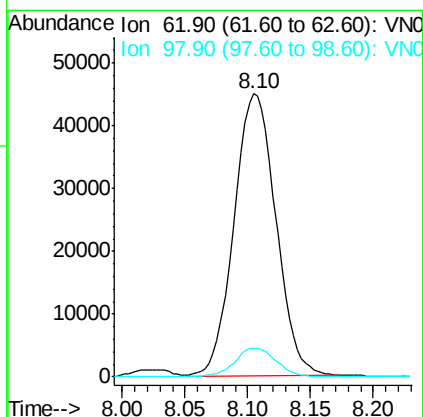
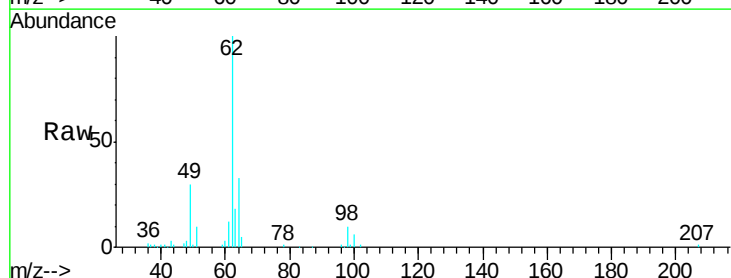
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

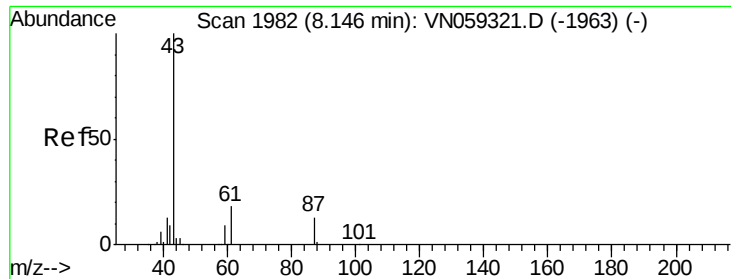
Tgt Ion:	41	Resp:	166515
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.626 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion:	62	Resp:	104518
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 18.768 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

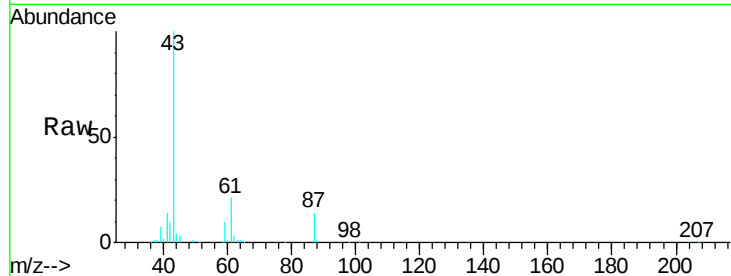
Tgt Ion: 43 Resp: 178201

Ion Ratio Lower Upper

43 100

61 27.3 21.7 32.5

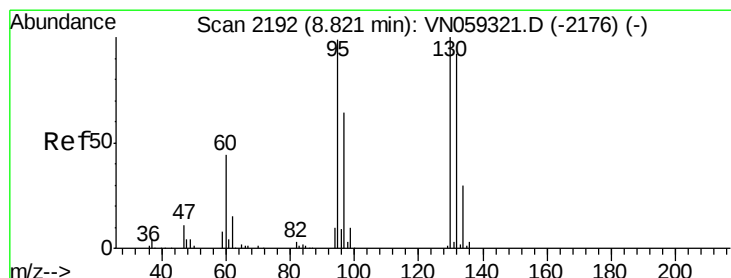
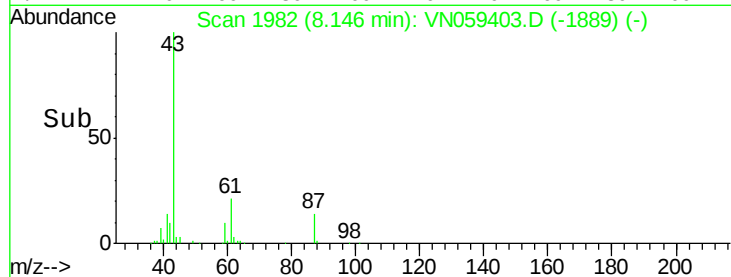
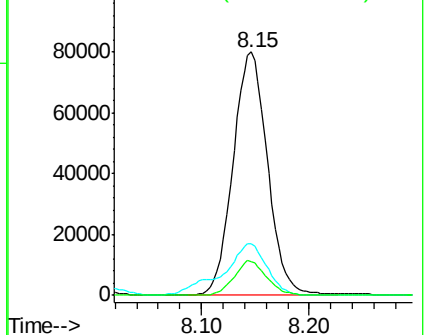
87 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059403.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059403.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059403.D (-1889) (-)



#44

Trichloroethene

Concen: 19.526 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059403.D

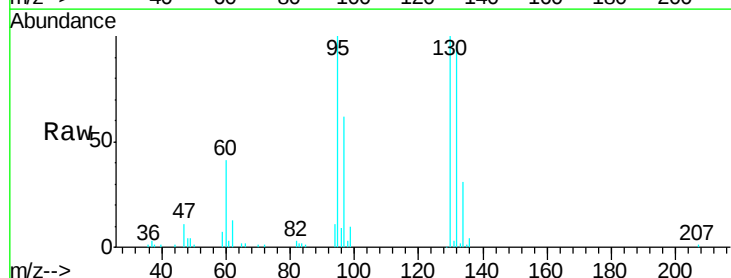
Acq: 26 Nov 2019 14:02

Tgt Ion: 130 Resp: 83963

Ion Ratio Lower Upper

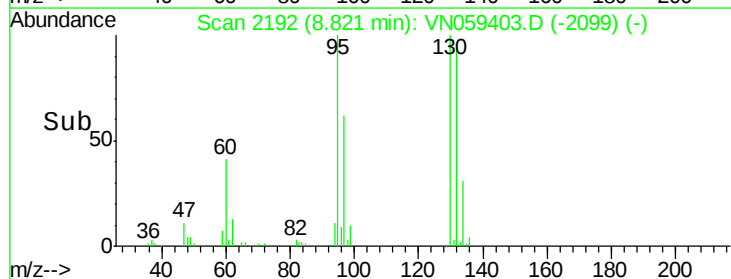
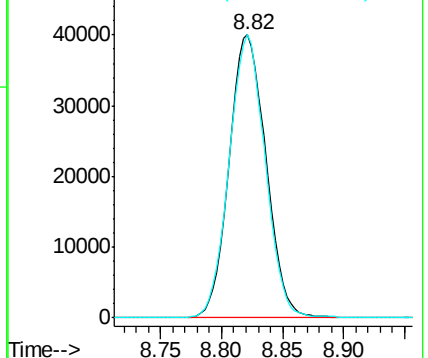
130 100

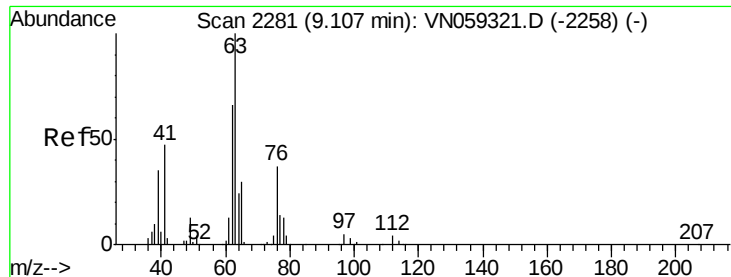
95 100.0 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): VN059403.D (-2099) (-)

Ion 94.90 (94.60 to 95.60): VN059403.D (-2099) (-)





#45

1,2-Dichloropropane

Concen: 19.080 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

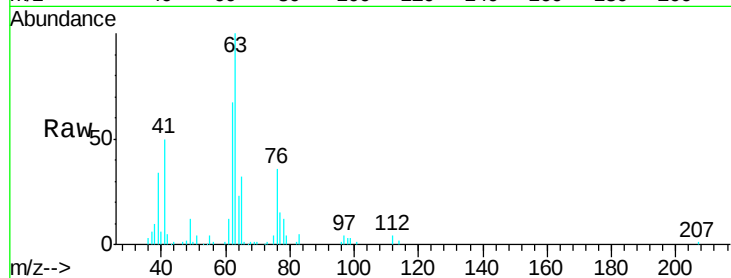
VN1126WBS01

Tgt Ion: 63 Resp: 86324

Ion Ratio Lower Upper

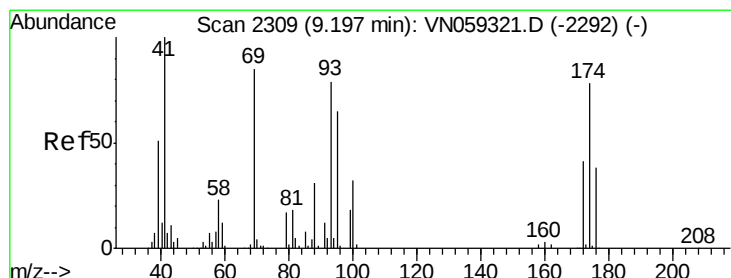
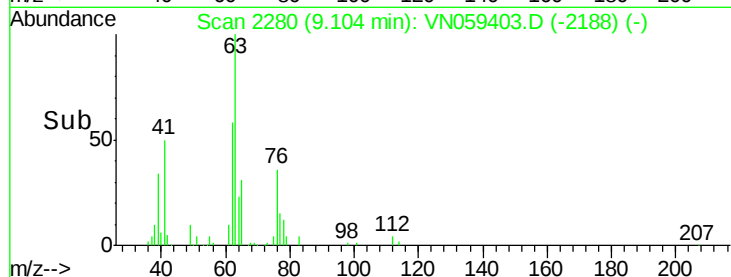
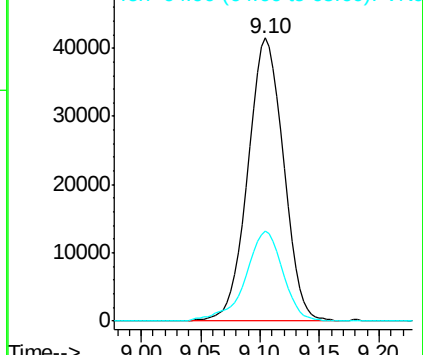
63 100

65 31.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.912 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

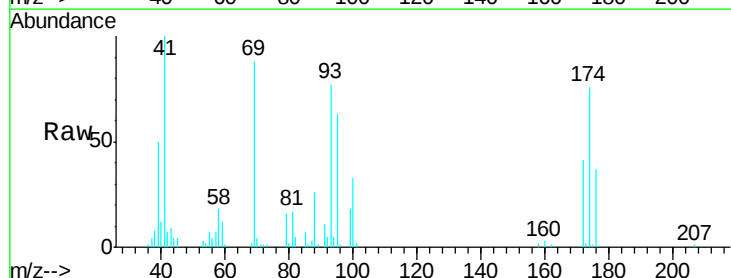
Tgt Ion: 93 Resp: 52483

Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

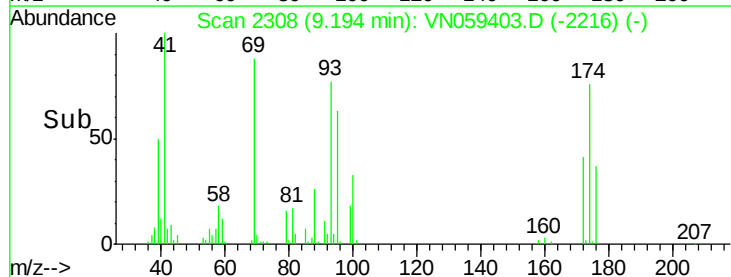
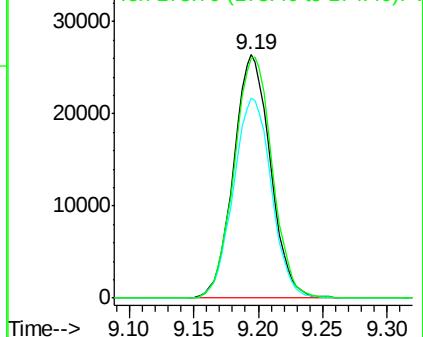
174 102.5 80.6 120.8

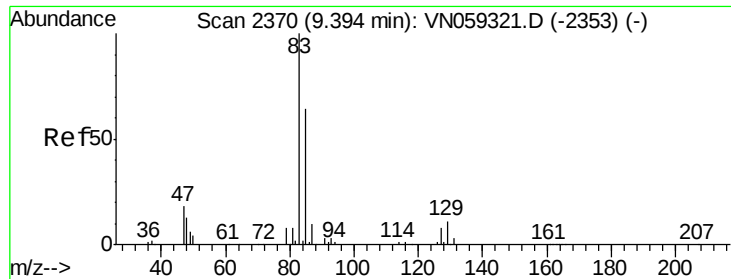


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.111 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

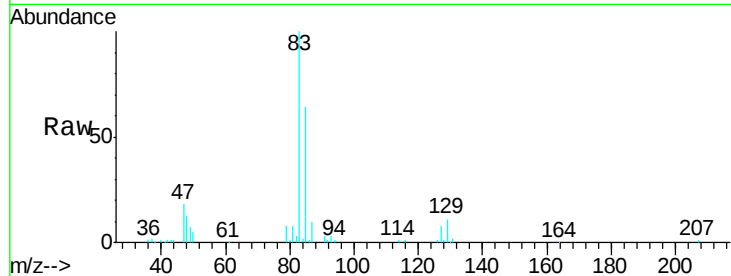
Tgt Ion: 83 Resp: 106214

Ion Ratio Lower Upper

83 100

85 63.8 51.5 77.3

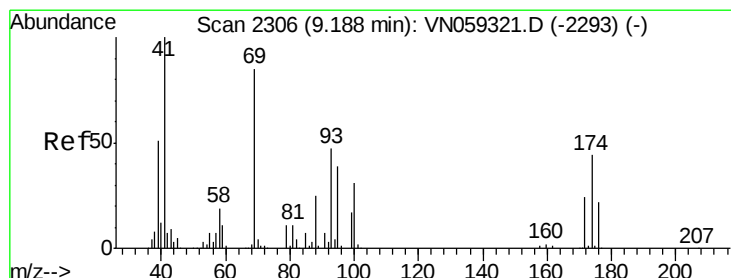
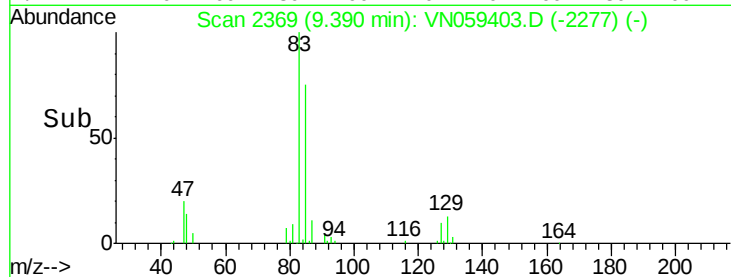
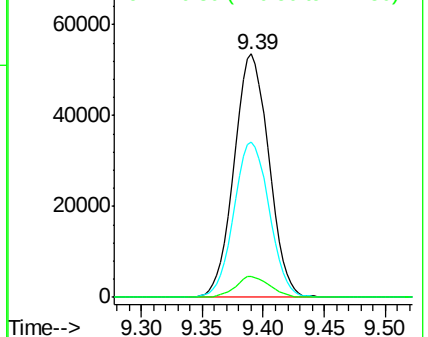
127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN059403.D (-2277) (-)

Ion 84.90 (84.60 to 85.60): VN059403.D (-2277) (-)

Ion 126.80 (126.50 to 127.50): VN059403.D (-2277) (-)



#48

Methyl methacrylate

Concen: 18.077 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

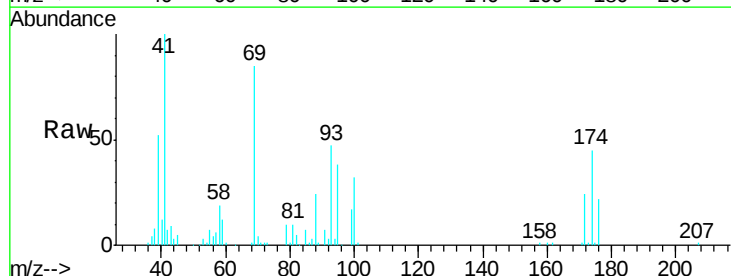
Tgt Ion: 41 Resp: 78053

Ion Ratio Lower Upper

41 100

69 89.0 68.8 103.2

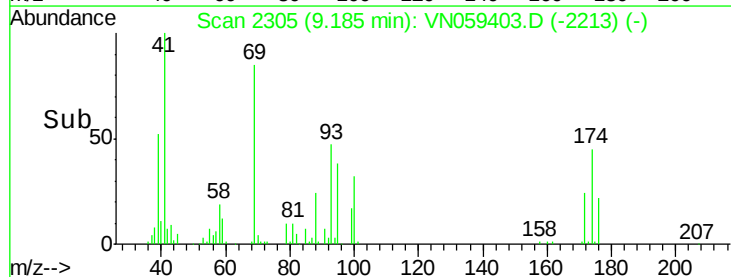
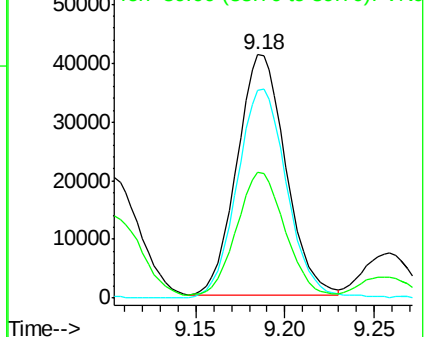
39 50.2 42.1 63.1

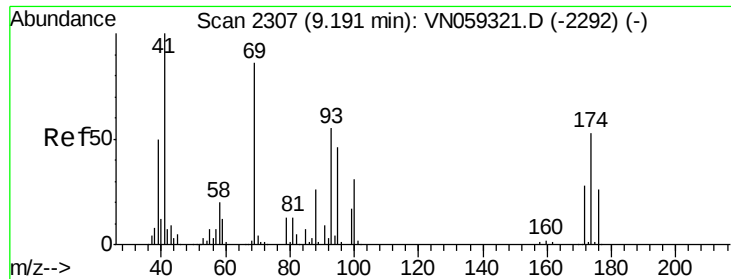


Abundance Ion 41.00 (40.70 to 41.70): VN059403.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN059403.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN059403.D (-2213) (-)

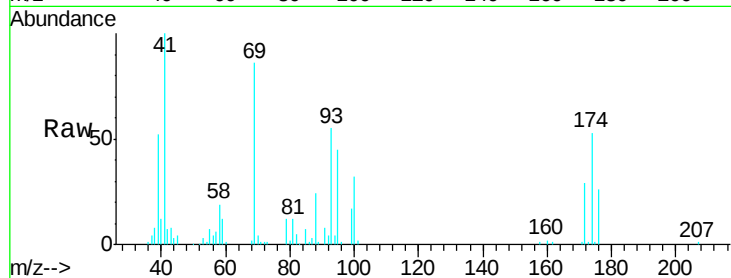




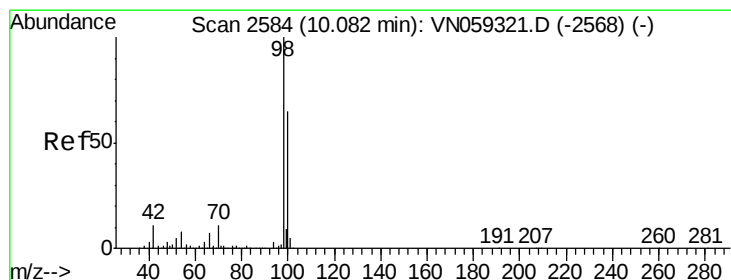
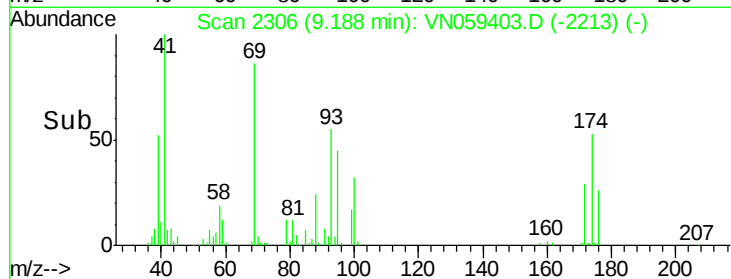
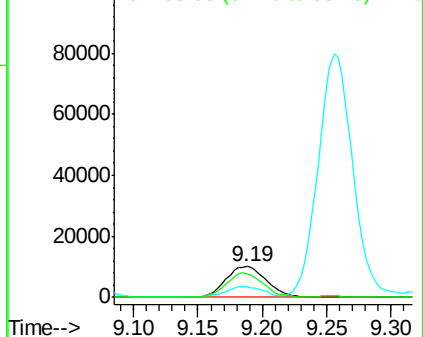
#49
1,4-Dioxane
Concen: 343.208 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Instrument :
MSVOA_N
ClientSampled :
VN1126WBS01

Tgt Ion: 88 Resp: 22272
Ion Ratio Lower Upper
88 100
43 33.3 26.9 40.3
58 72.2 59.2 88.8

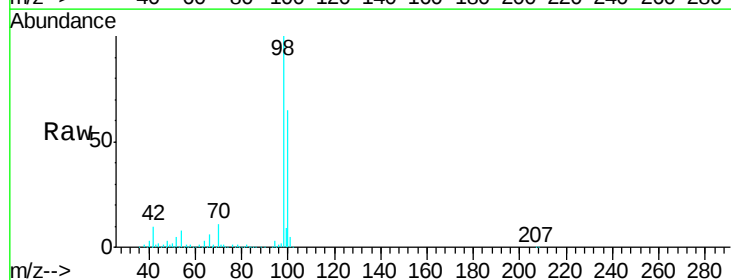


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

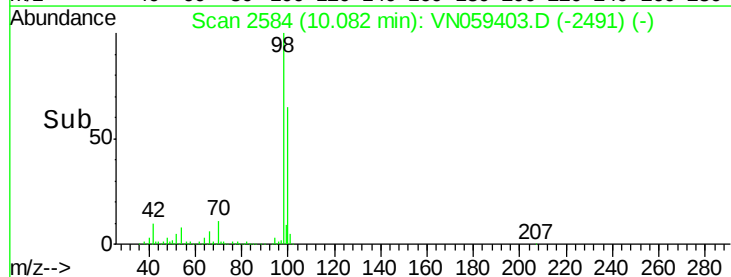
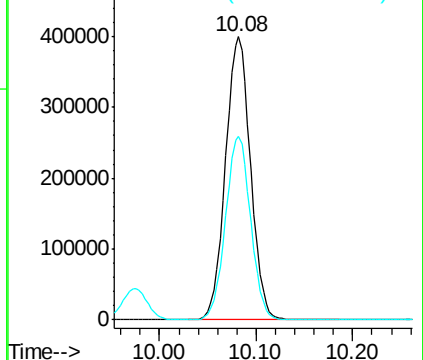


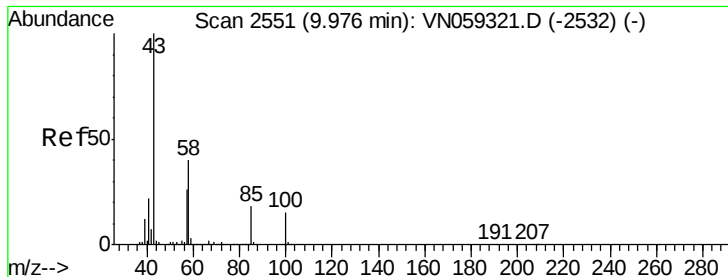
#50
Toluene-d8
Concen: 53.660 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 98 Resp: 716667
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 100.704 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

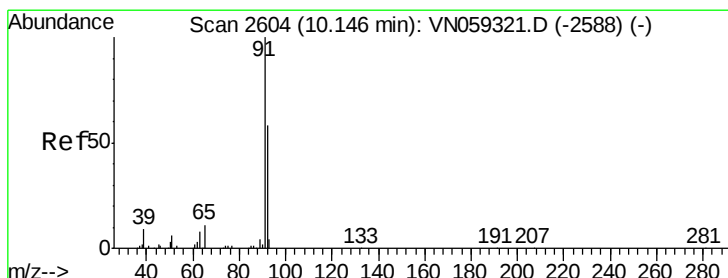
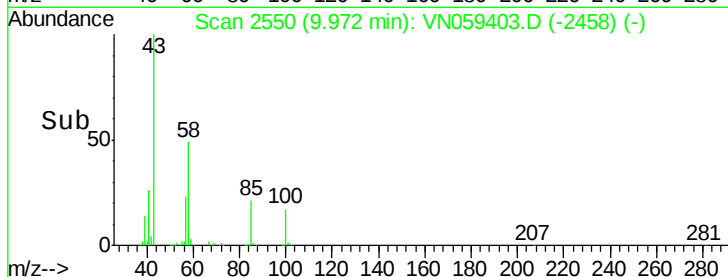
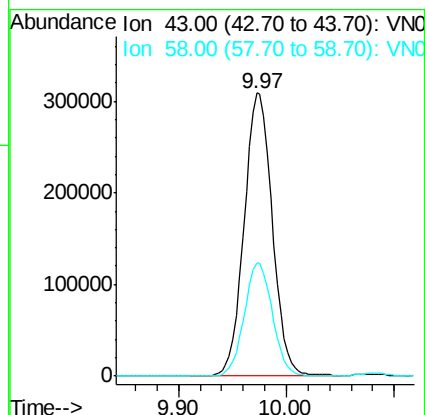
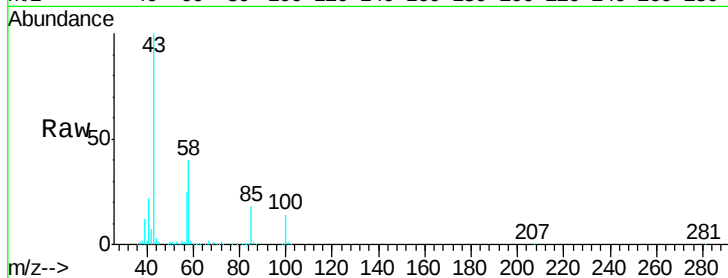
VN1126WBS01

Tgt Ion: 43 Resp: 559680

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.8



#52

Toluene

Concen: 19.244 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059403.D

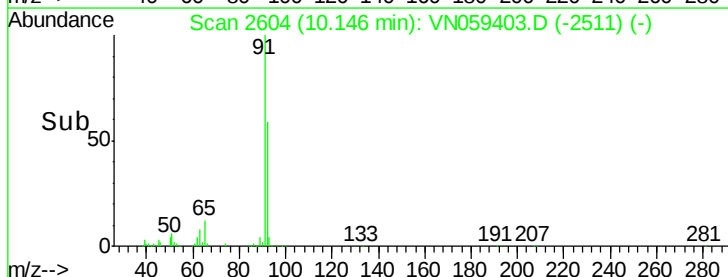
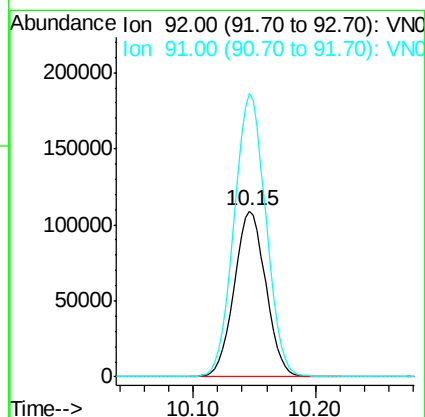
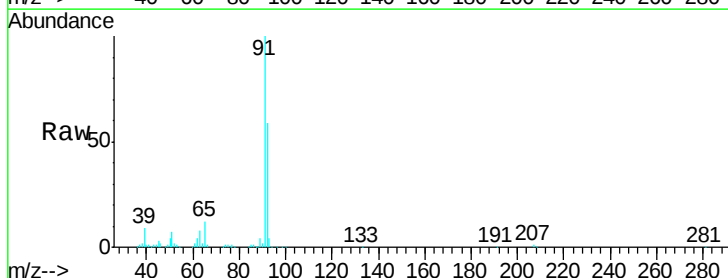
Acq: 26 Nov 2019 14:02

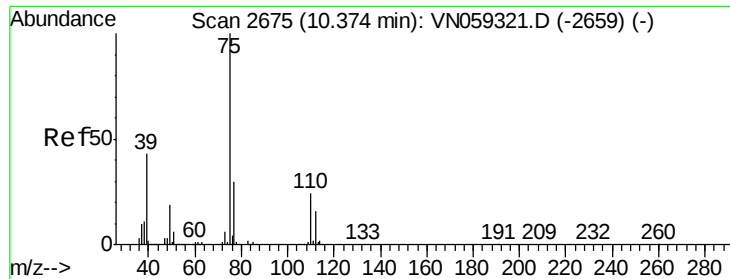
Tgt Ion: 92 Resp: 196323

Ion Ratio Lower Upper

92 100

91 172.0 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.101 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

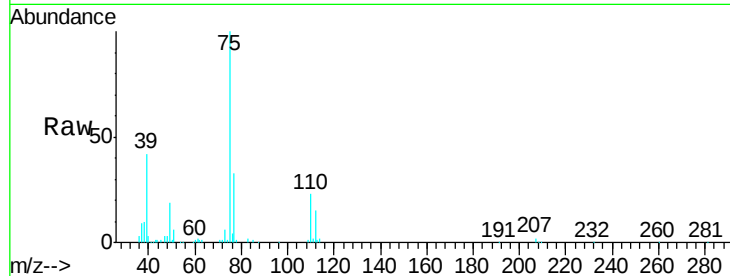
VN1126WBS01

Tgt Ion: 75 Resp: 123409

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

80000

60000

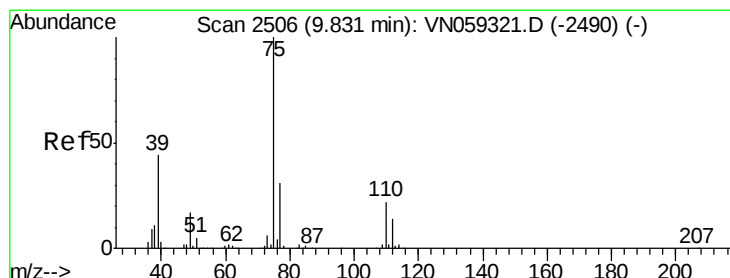
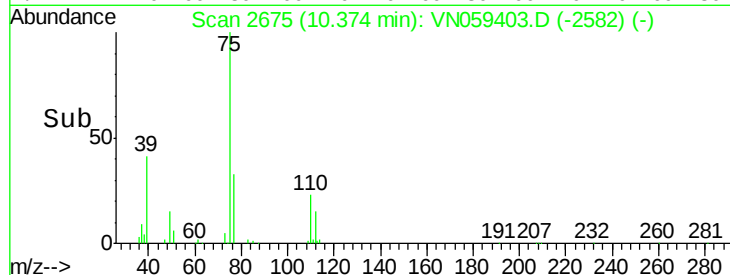
40000

20000

0

10.30 10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.928 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

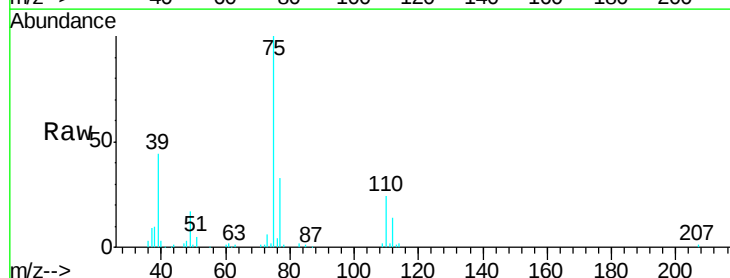
Tgt Ion: 75 Resp: 132699

Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4

39 44.2 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

80000

60000

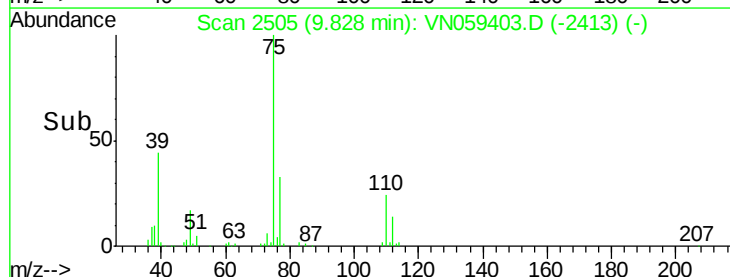
40000

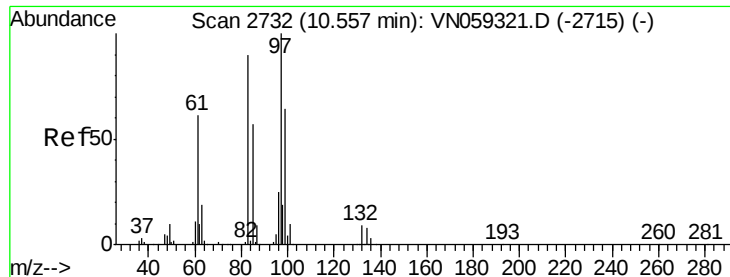
20000

0

9.75 9.80 9.85 9.90

Time-->

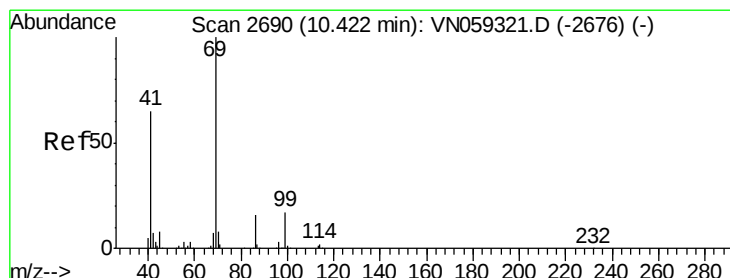
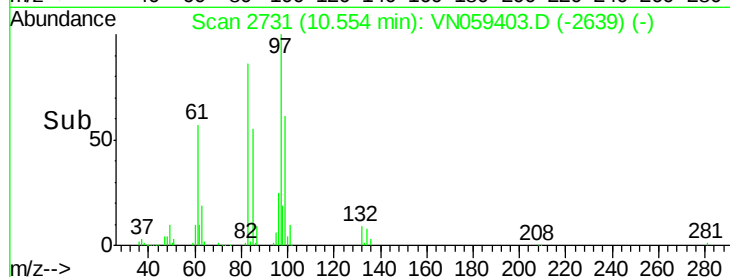
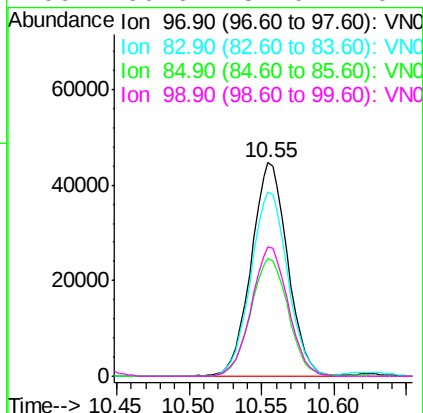
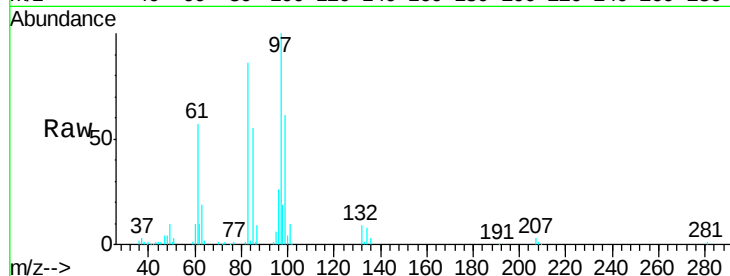




#55
 1,1,2-Trichloroethane
 Concen: 19.704 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

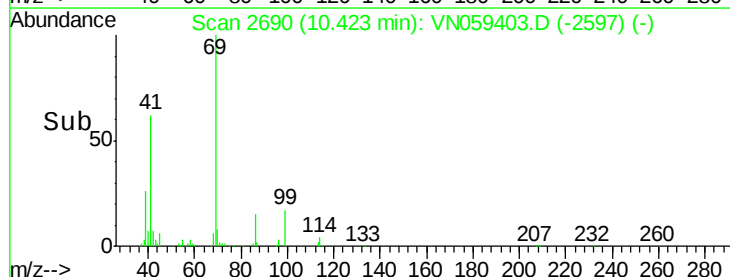
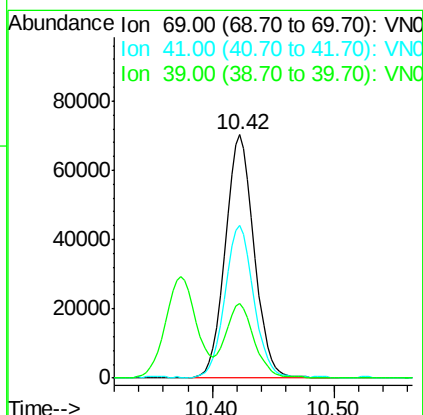
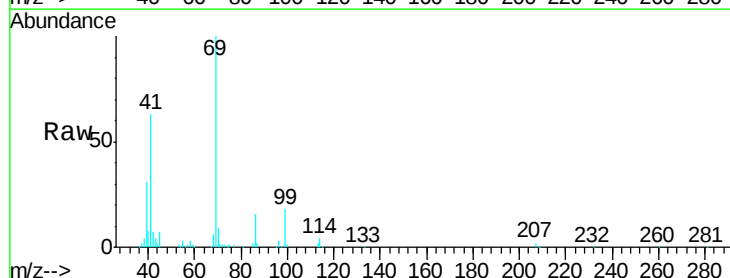
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

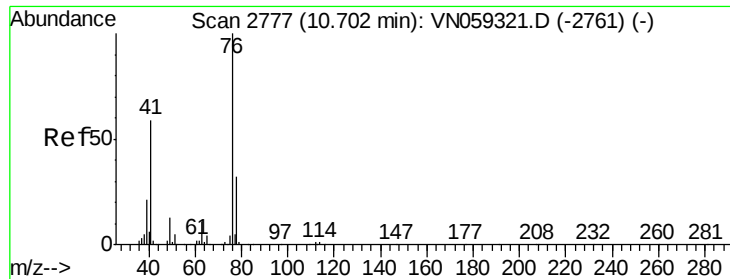
Tgt Ion: 97 Resp: 78158
 Ion Ratio Lower Upper
 97 100
 83 86.4 72.0 108.0
 85 55.2 45.8 68.6
 99 60.6 51.0 76.4



#56
 Ethyl methacrylate
 Concen: 18.795 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion: 69 Resp: 116327
 Ion Ratio Lower Upper
 69 100
 41 62.1 51.7 77.5
 39 30.3 25.2 37.8





#57

1,3-Dichloropropane

Concen: 19.503 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

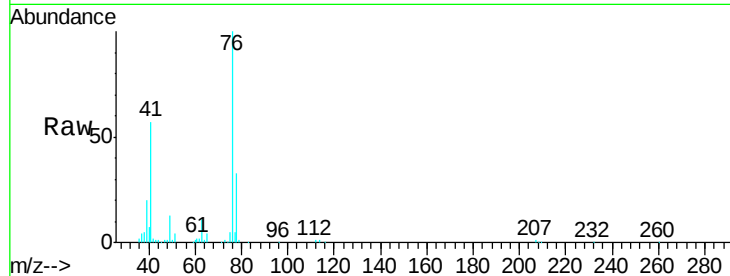
VN1126WBS01

Tgt Ion: 76 Resp: 134834

Ion Ratio Lower Upper

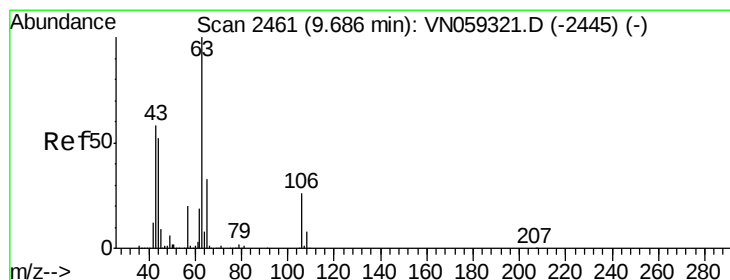
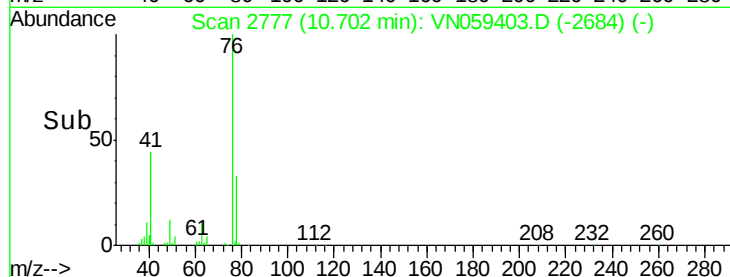
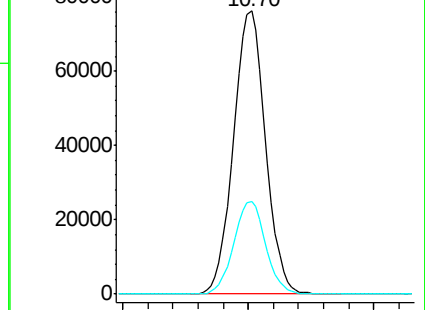
76 100

78 32.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN059403.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN059403.D (-2684) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 92.824 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059403.D

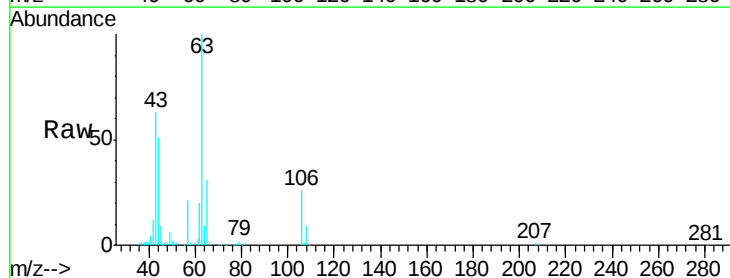
Acq: 26 Nov 2019 14:02

Tgt Ion: 63 Resp: 189496

Ion Ratio Lower Upper

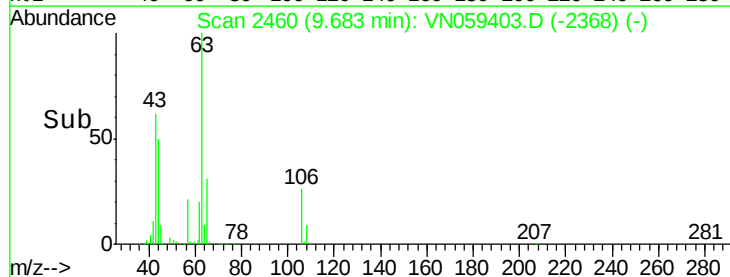
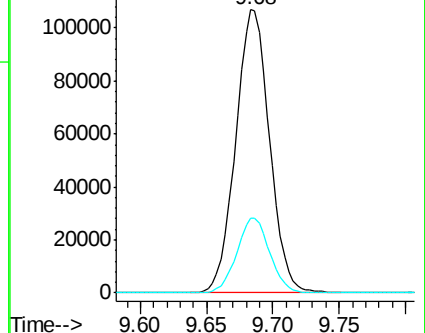
63 100

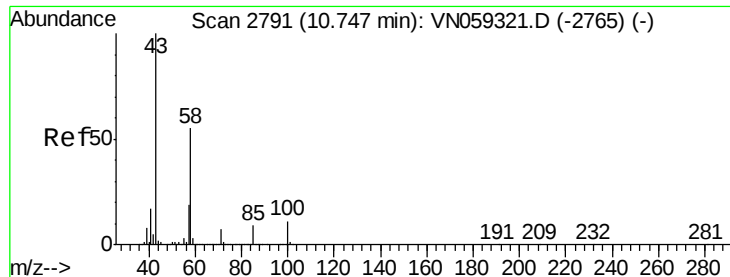
106 25.7 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN059403.D (-2368) (-)

Ion 105.90 (105.60 to 106.60): VN059403.D (-2368) (-)

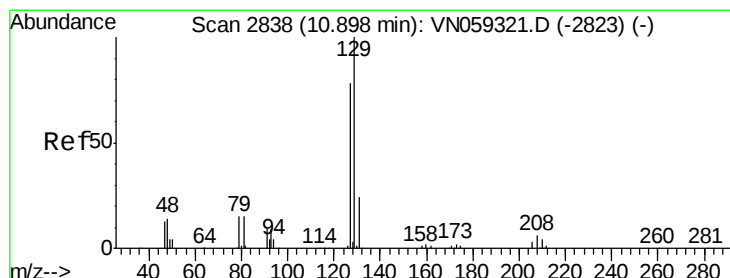
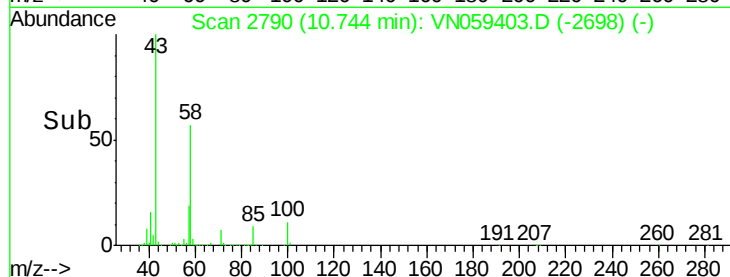
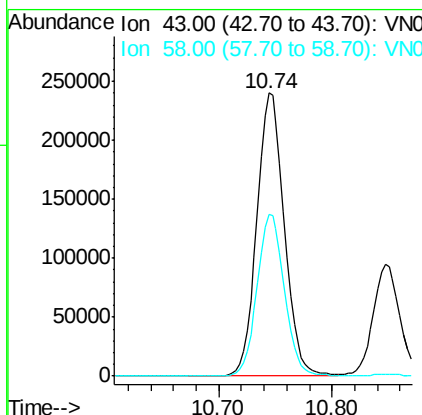
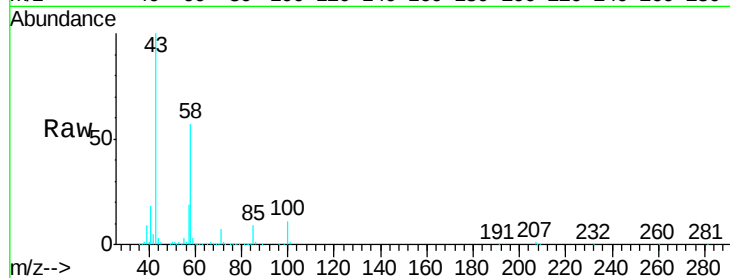




#59
2-Hexanone
Concen: 99.371 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

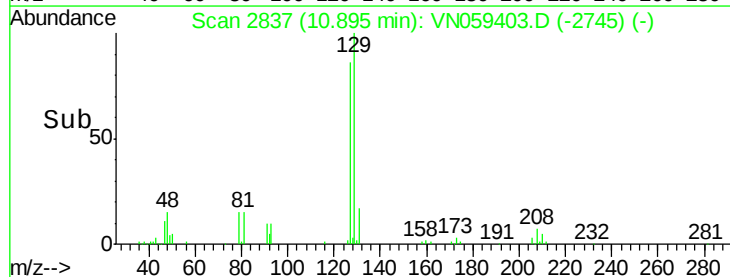
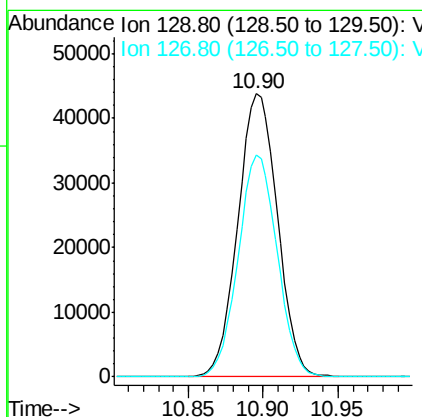
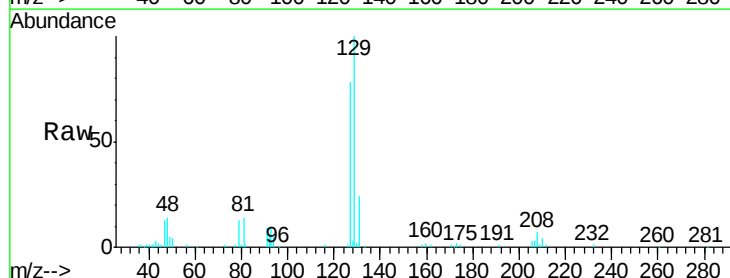
Instrument :
MSVOA_N
ClientSampled :
VN1126WBS01

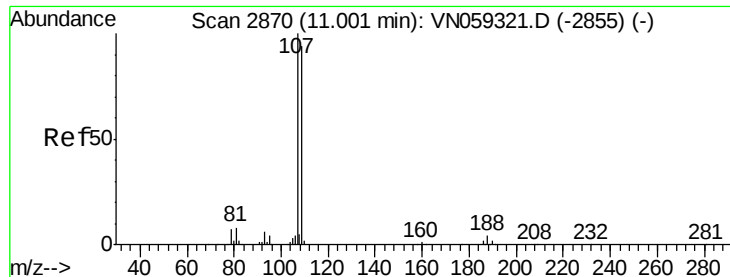
Tgt Ion: 43 Resp: 404397
Ion Ratio Lower Upper
43 100
58 56.8 27.7 83.0



#60
Dibromochloromethane
Concen: 19.330 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 129 Resp: 80799
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.015 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

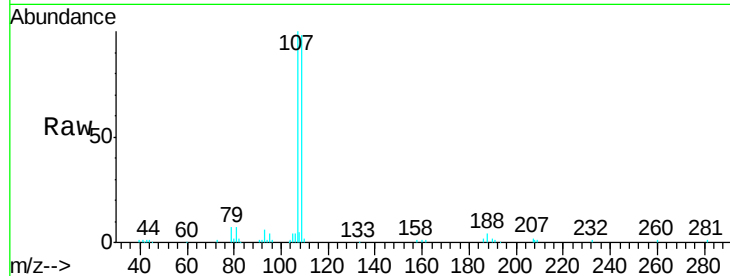
VN1126WBS01

Tgt Ion: 107 Resp: 78482

Ion Ratio Lower Upper

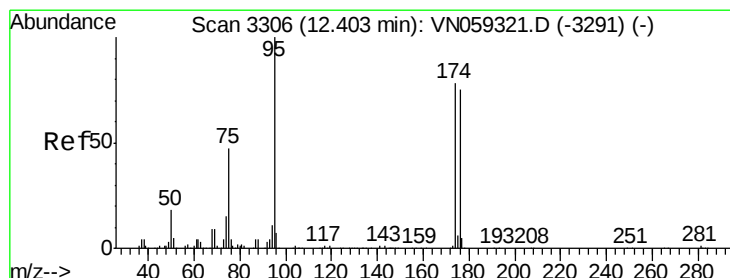
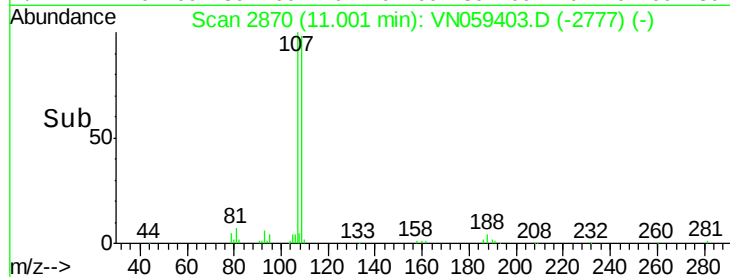
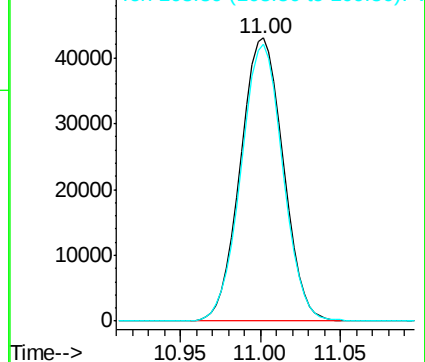
107 100

109 95.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.210 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

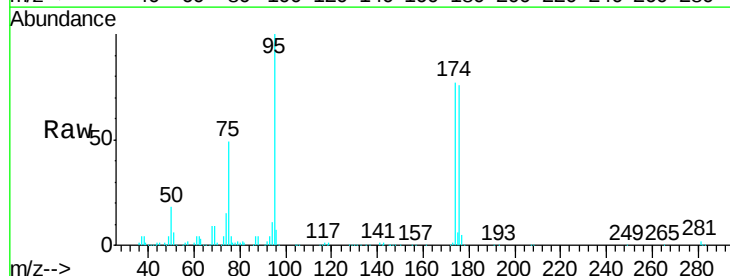
Tgt Ion: 95 Resp: 253155

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.4

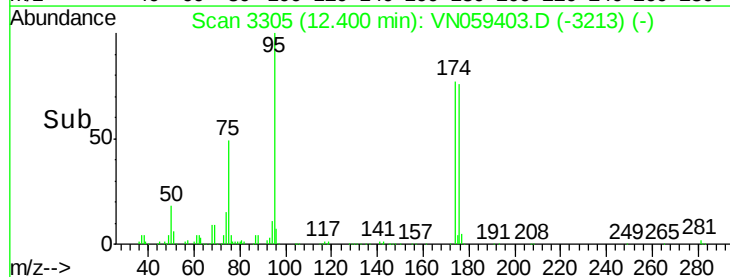
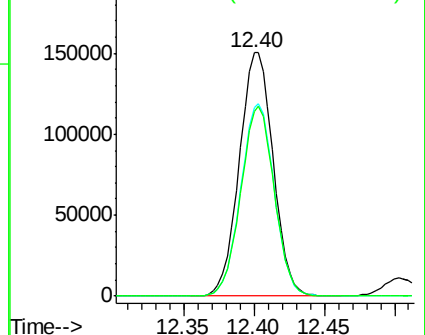
176 77.2 0.0 151.2

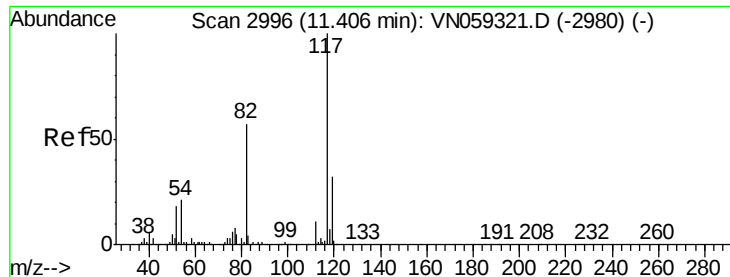


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

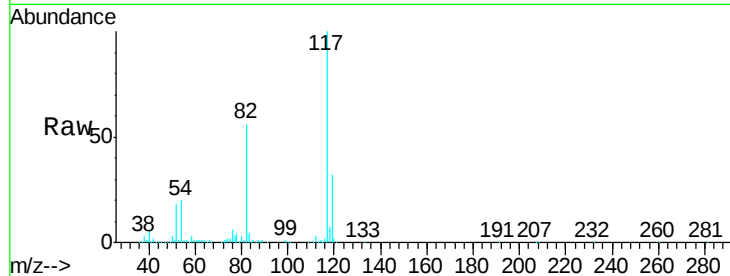
Tgt Ion:117 Resp: 503185

Ion Ratio Lower Upper

117 100

82 56.1 45.7 68.5

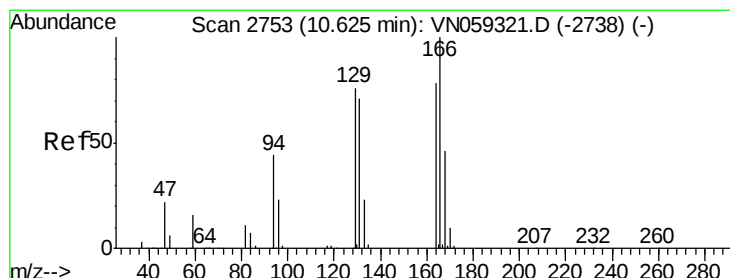
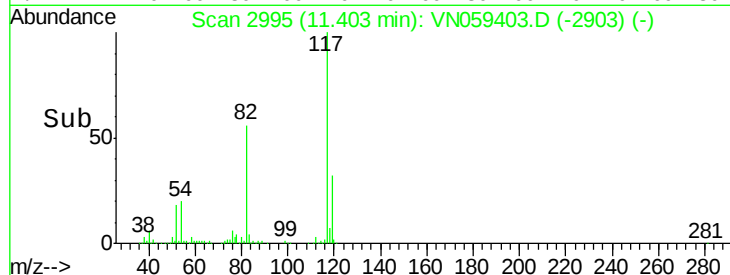
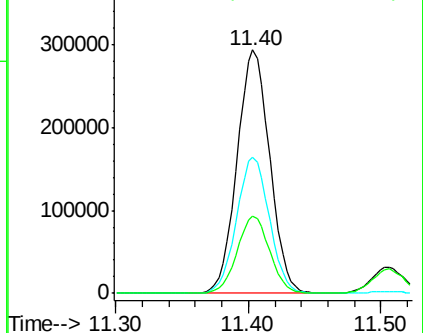
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.008 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion:164 Resp: 73974

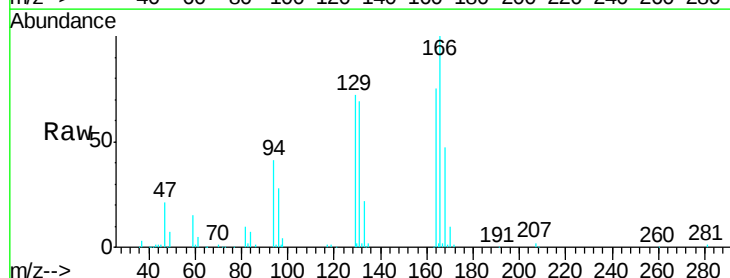
Ion Ratio Lower Upper

164 100

166 133.1 102.9 154.3

129 95.9 78.2 117.2

131 92.1 72.6 109.0

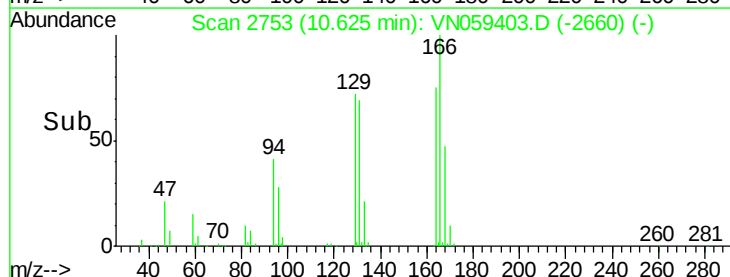
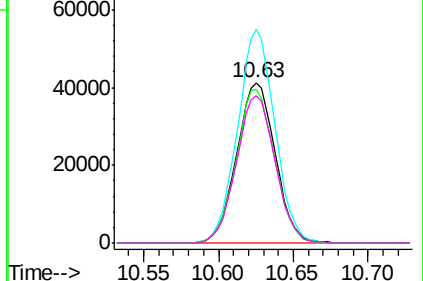


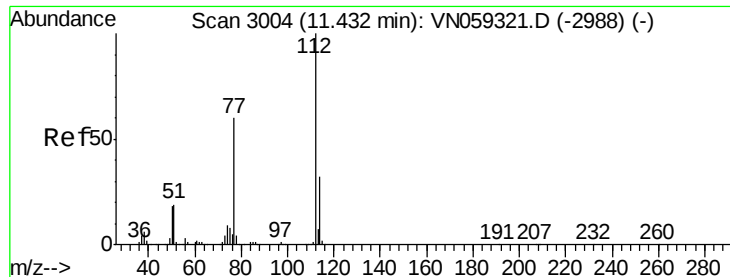
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.030 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

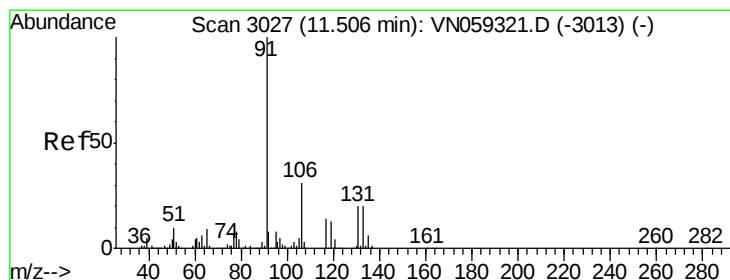
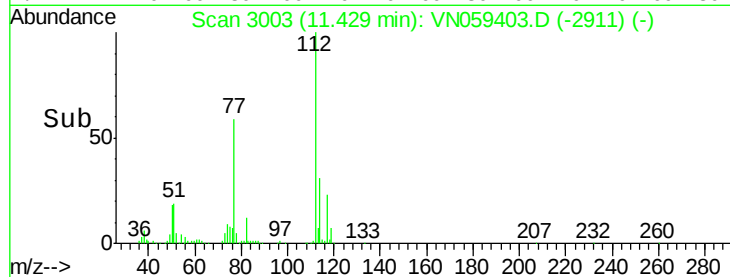
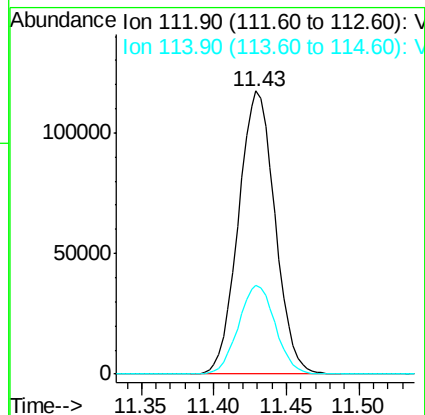
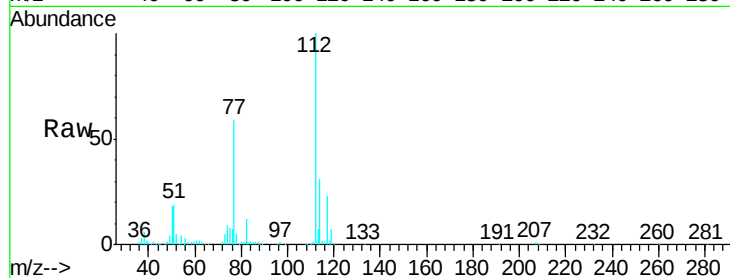
VN1126WBS01

Tgt Ion:112 Resp: 205899

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.383 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

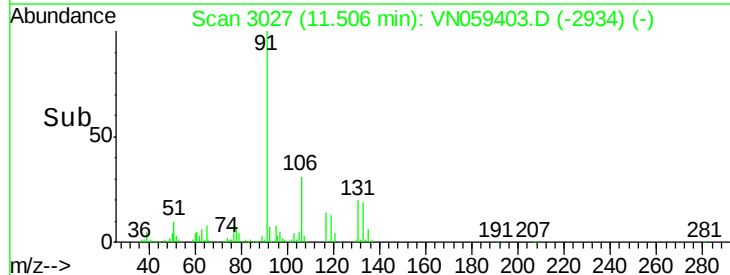
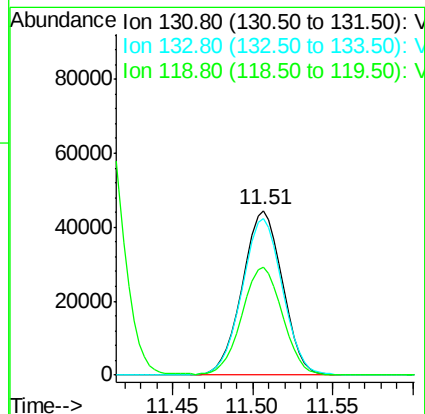
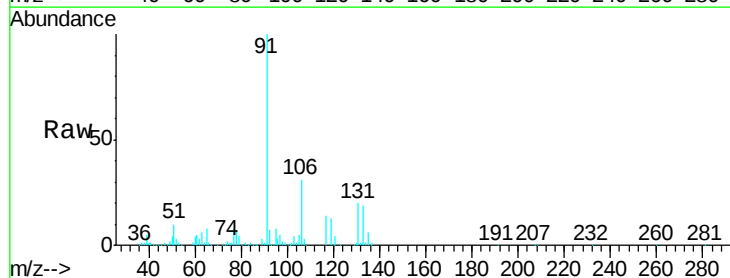
Tgt Ion:131 Resp: 76186

Ion Ratio Lower Upper

131 100

133 96.1 48.2 144.6

119 66.5 33.6 100.6





#67

Ethyl Benzene

Concen: 19.067 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

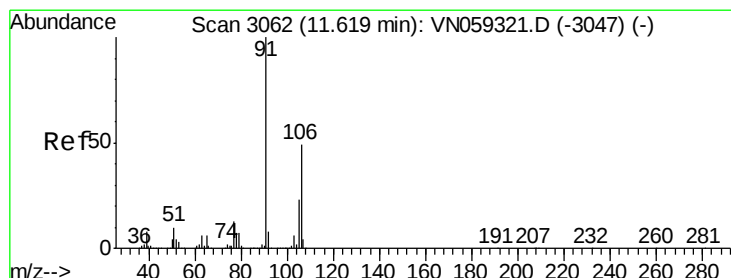
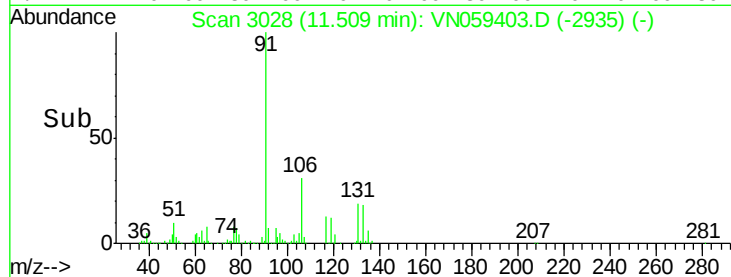
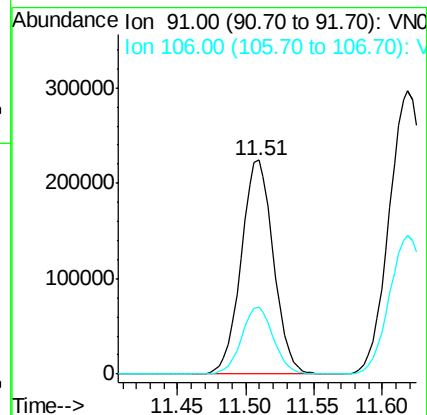
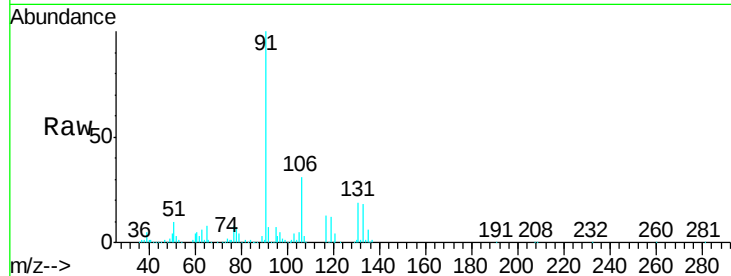
VN1126WBS01

Tgt Ion: 91 Resp: 368343

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 38.414 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059403.D

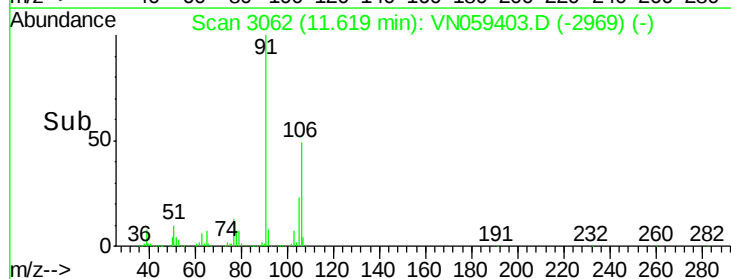
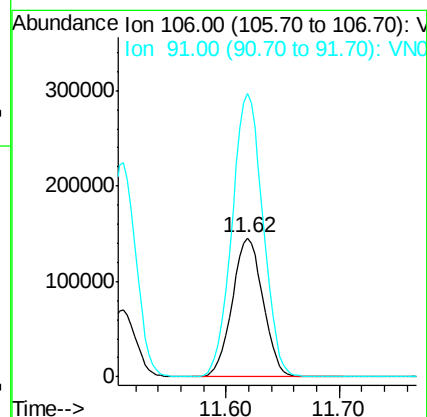
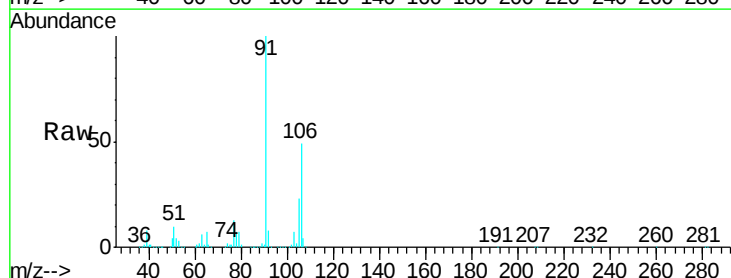
Acq: 26 Nov 2019 14:02

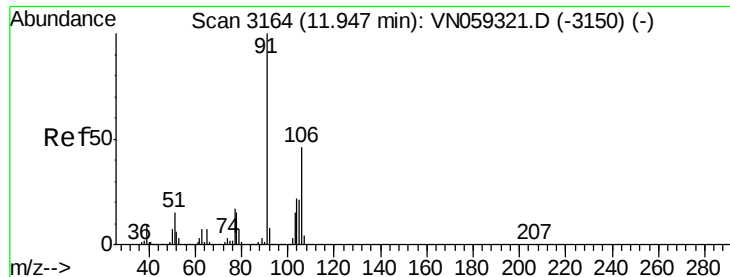
Tgt Ion: 106 Resp: 275745

Ion Ratio Lower Upper

106 100

91 204.6 163.2 244.8

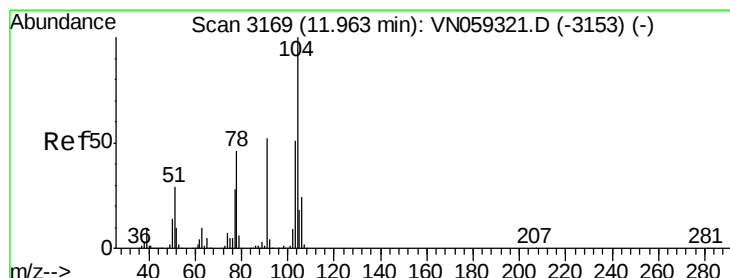
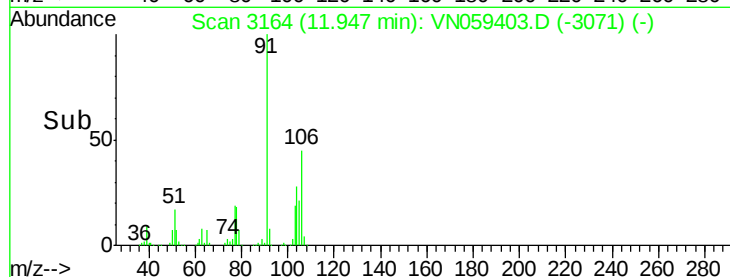
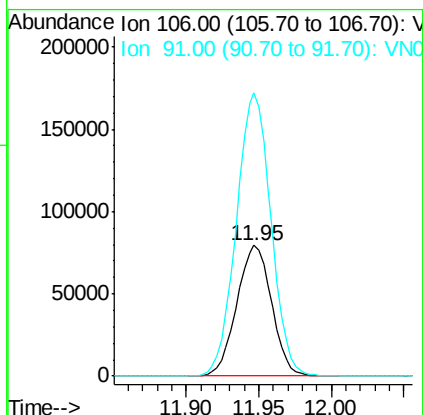
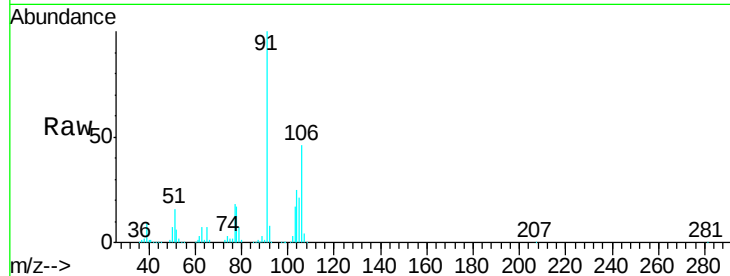




#69
o-Xylene
Concen: 19.307 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

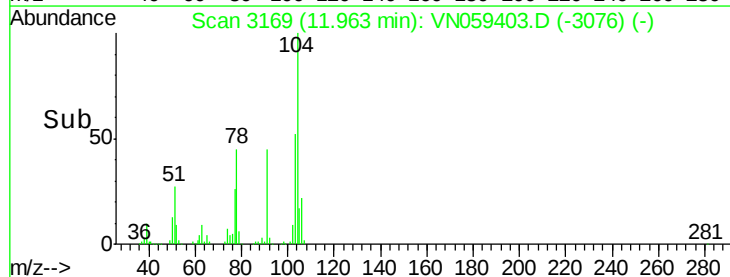
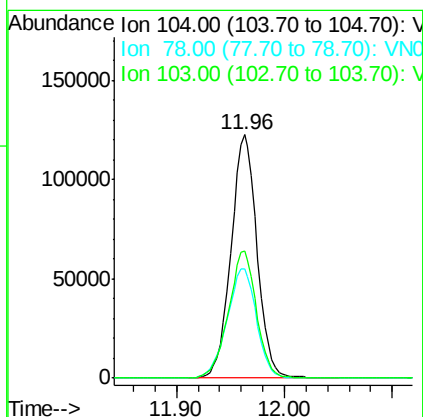
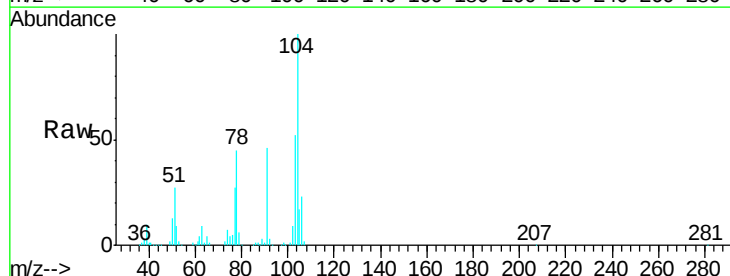
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

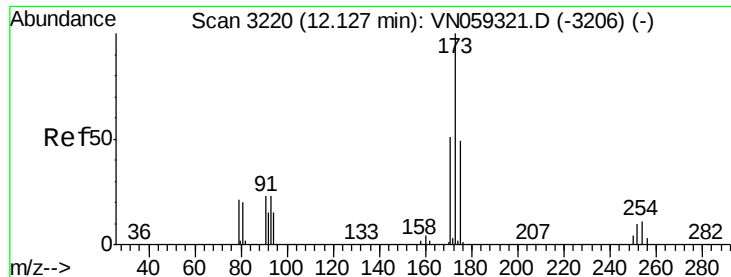
Tgt Ion:106 Resp: 132683
Ion Ratio Lower Upper
106 100
91 214.6 109.3 327.9



#70
Styrene
Concen: 19.026 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion:104 Resp: 206307
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 56.1 43.6 65.4





#71

Bromoform

Concen: 19.366 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

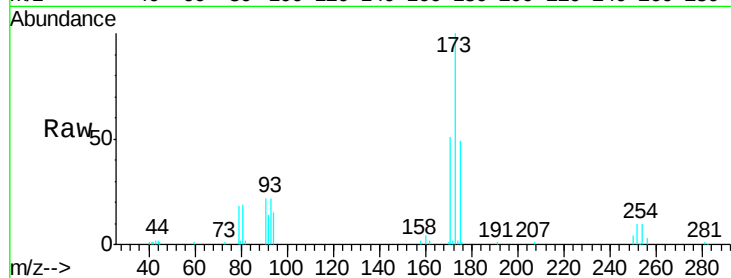
Tgt Ion:173 Resp: 57649

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.6

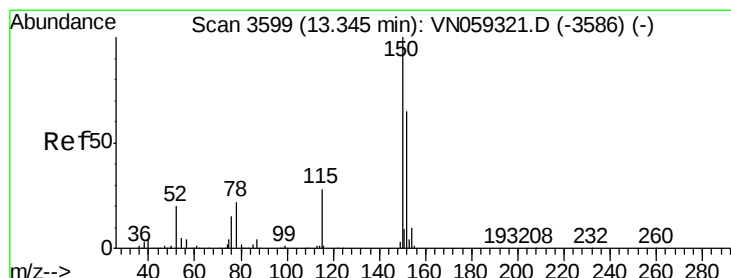
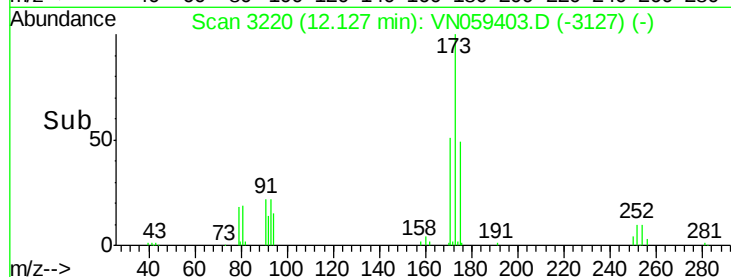
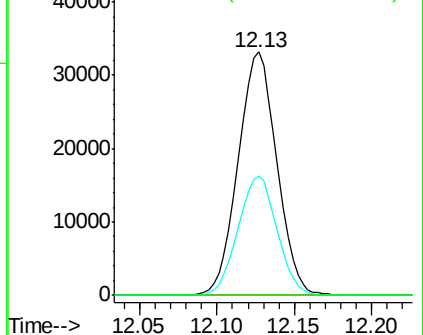
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

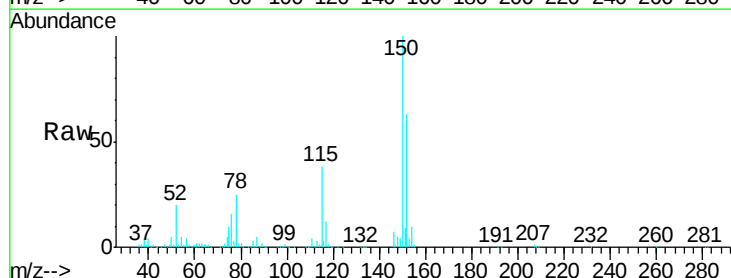
Tgt Ion:152 Resp: 228773

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

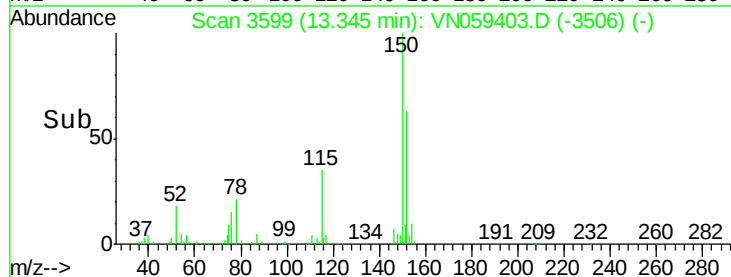
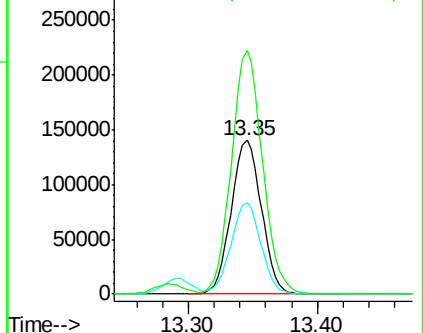
150 162.6 0.0 346.0

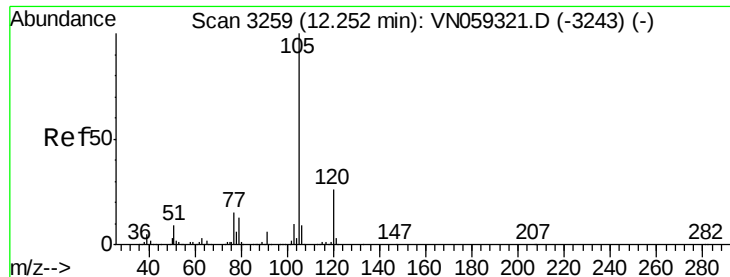


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.885 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

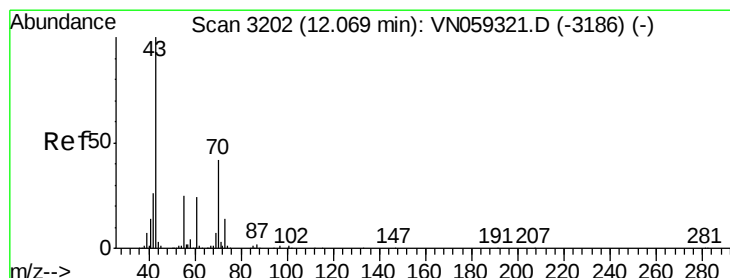
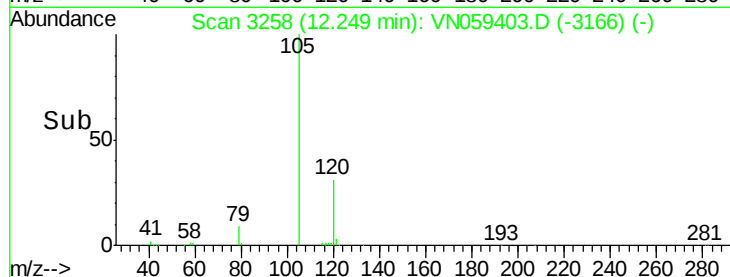
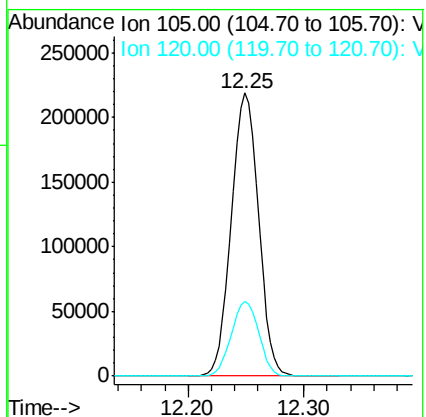
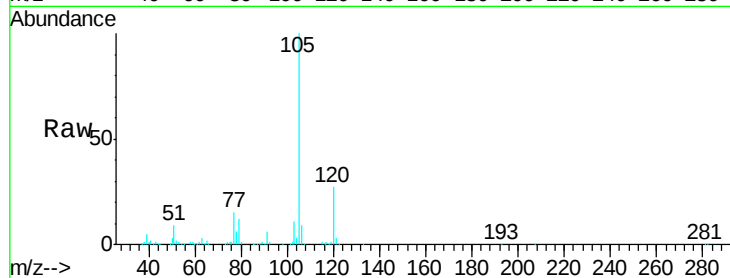
VN1126WBS01

Tgt Ion: 105 Resp: 353920

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 18.005 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Tgt Ion: 43 Resp: 135611

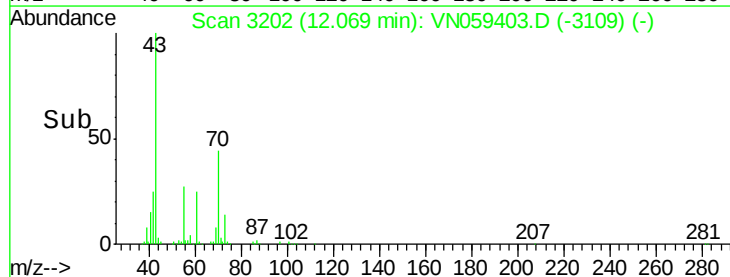
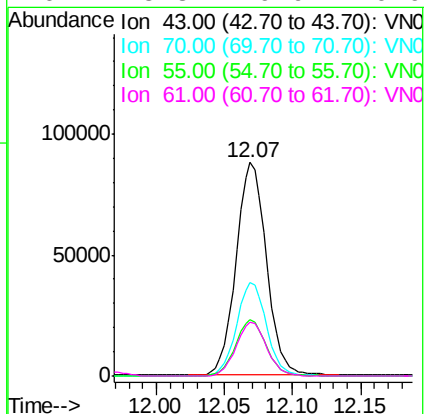
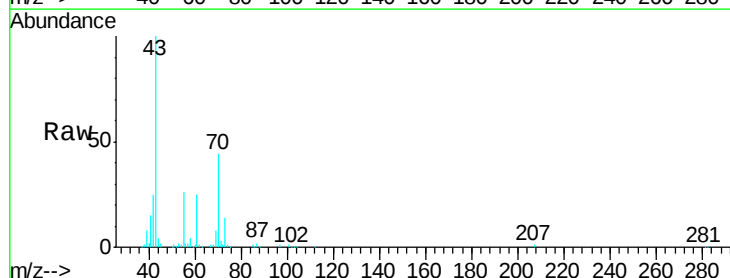
Ion Ratio Lower Upper

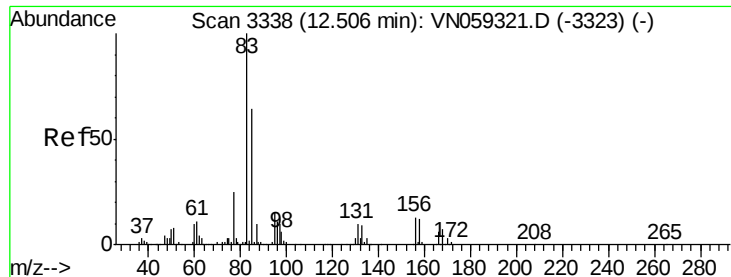
43 100

70 43.7 33.8 50.6

55 27.0 20.3 30.5

61 25.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.832 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

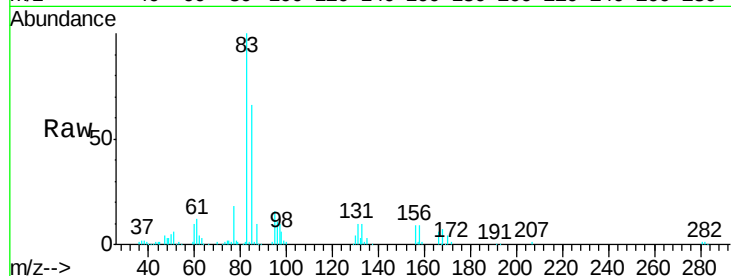
Tgt Ion: 83 Resp: 116749

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

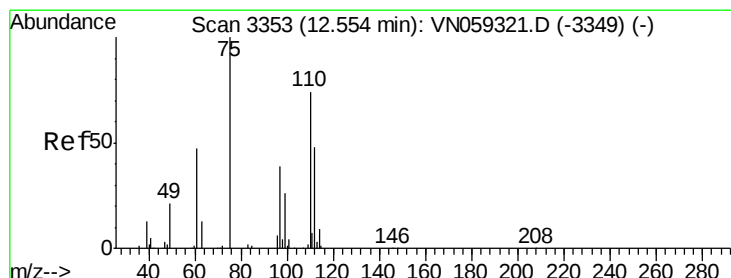
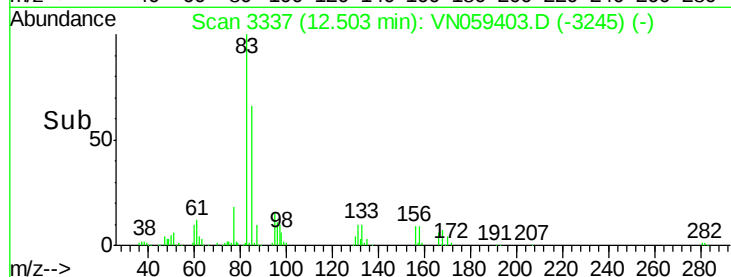
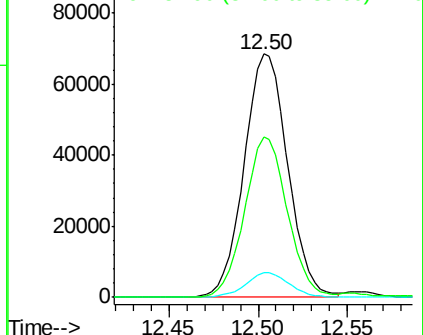
85 64.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN059321.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN059321.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN059321.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 28.930 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059403.D

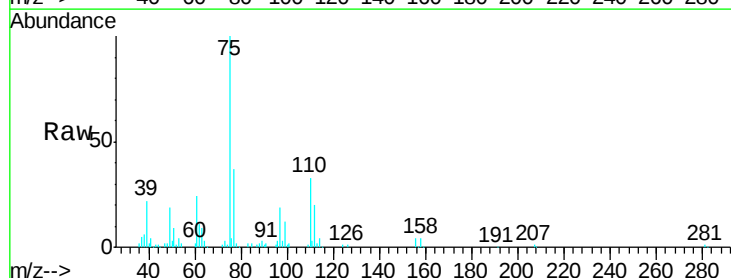
Acq: 26 Nov 2019 14:02

Tgt Ion: 75 Resp: 152901

Ion Ratio Lower Upper

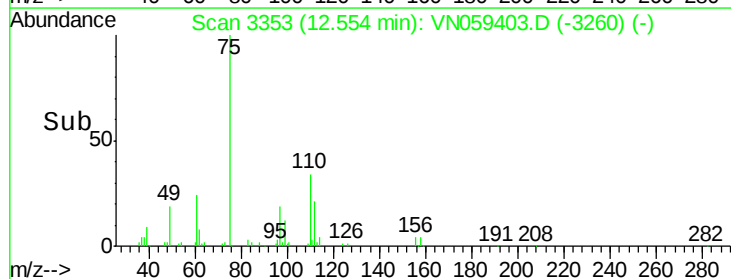
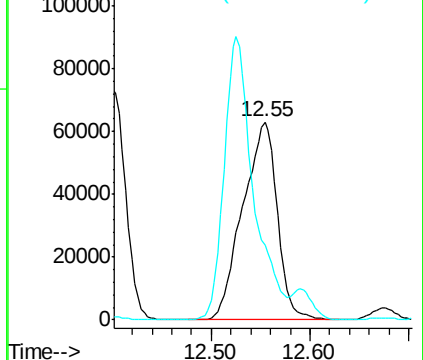
75 100

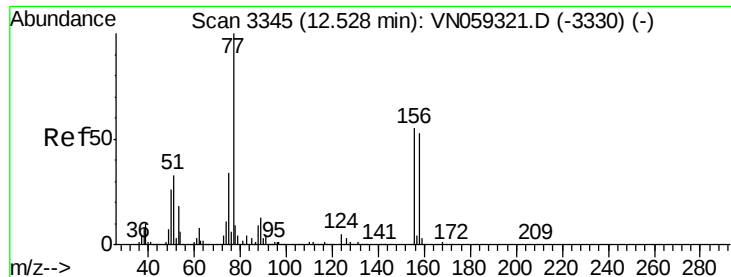
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN059321.D (-3349) (-)





#77

Bromobenzene

Concen: 18.873 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

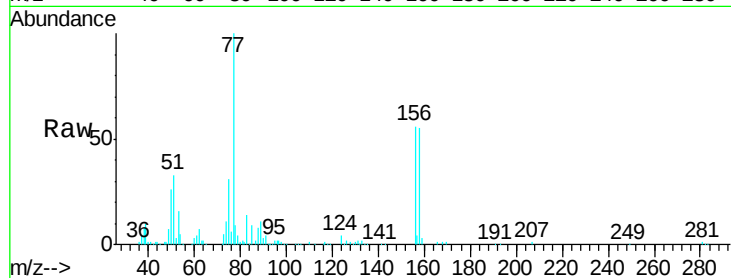
Tgt Ion:156 Resp: 85791

Ion Ratio Lower Upper

156 100

77 219.1 111.1 333.4

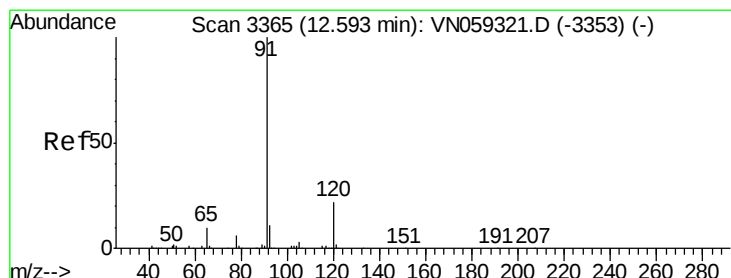
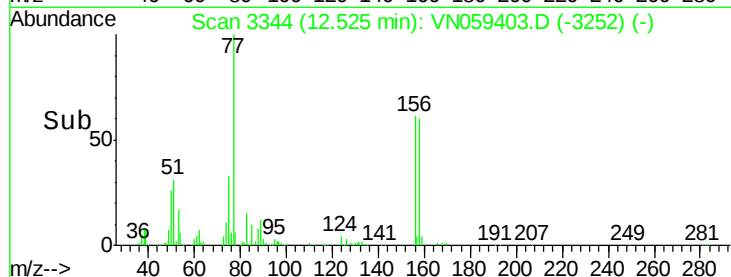
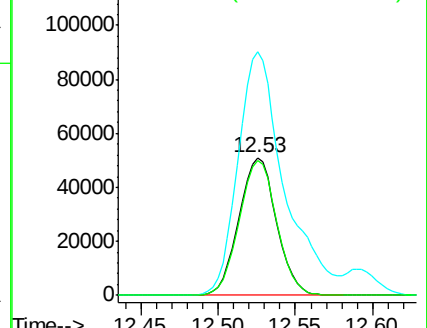
158 98.2 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.142 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059403.D

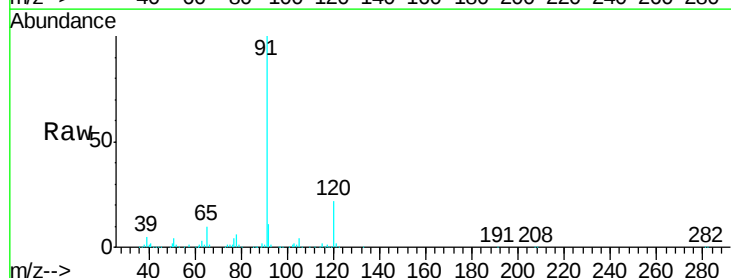
Acq: 26 Nov 2019 14:02

Tgt Ion: 91 Resp: 406359

Ion Ratio Lower Upper

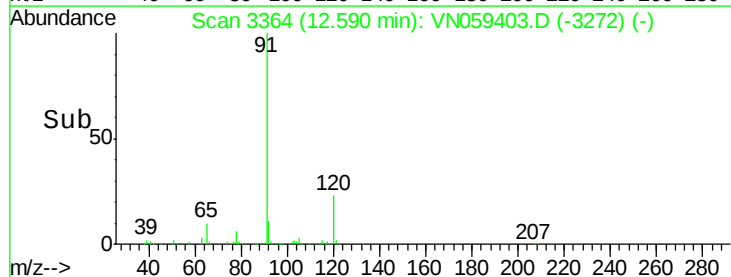
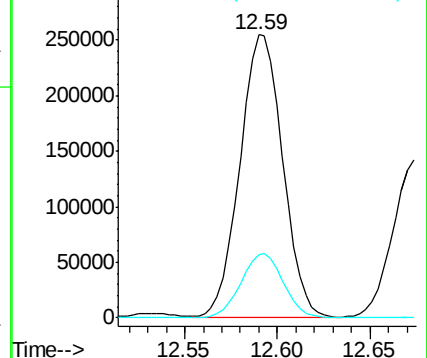
91 100

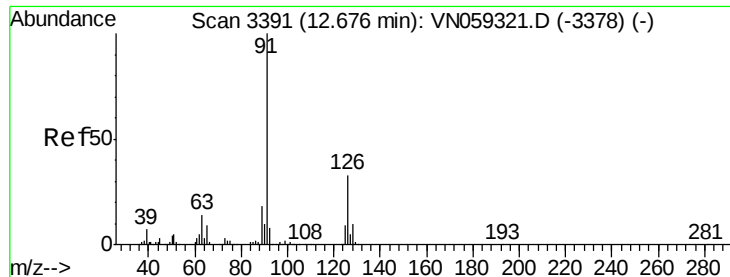
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.567 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampled :

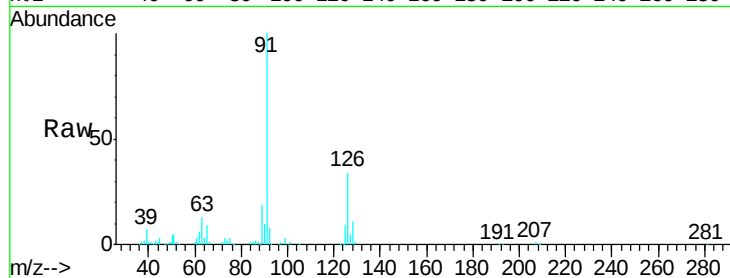
VN1126WBS01

Tgt Ion: 91 Resp: 241926

Ion Ratio Lower Upper

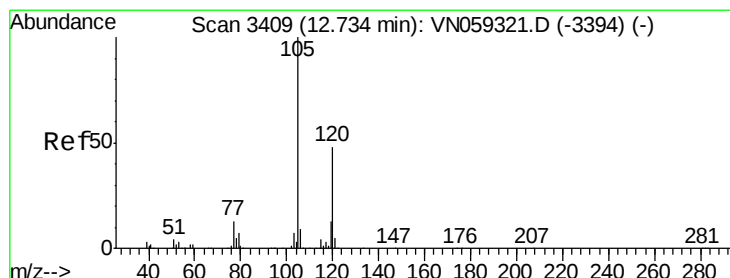
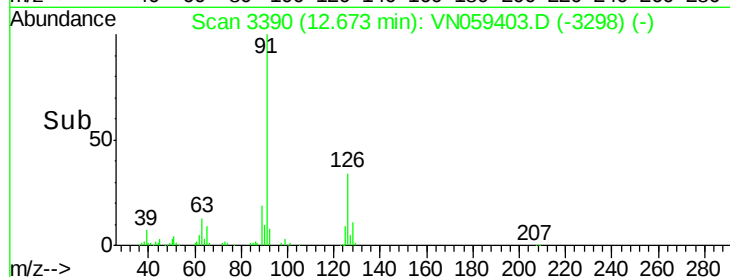
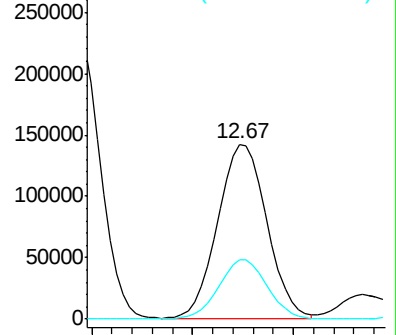
91 100

126 33.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059321.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.017 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059403.D

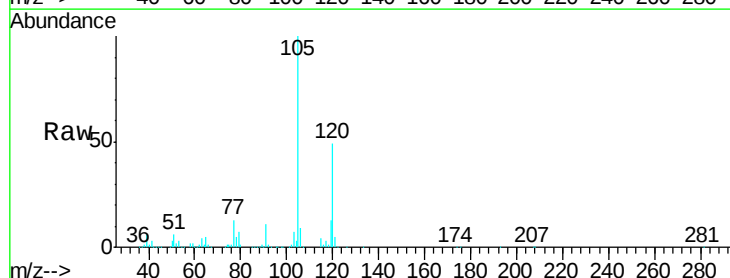
Acq: 26 Nov 2019 14:02

Tgt Ion: 105 Resp: 299595

Ion Ratio Lower Upper

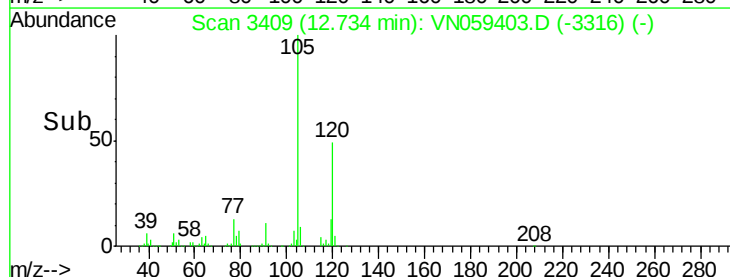
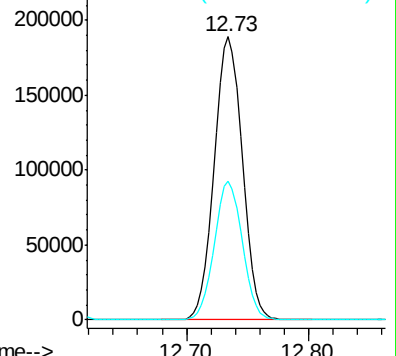
105 100

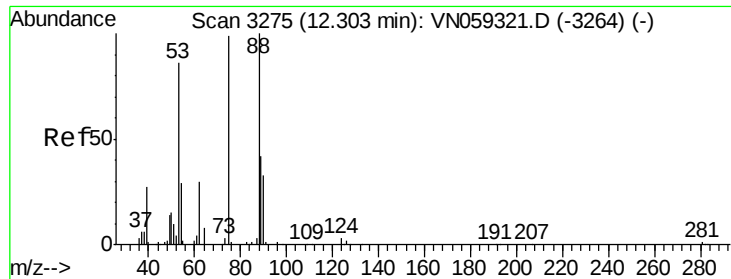
120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059321.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.112 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

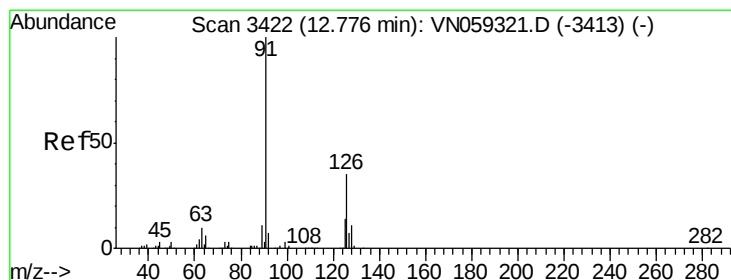
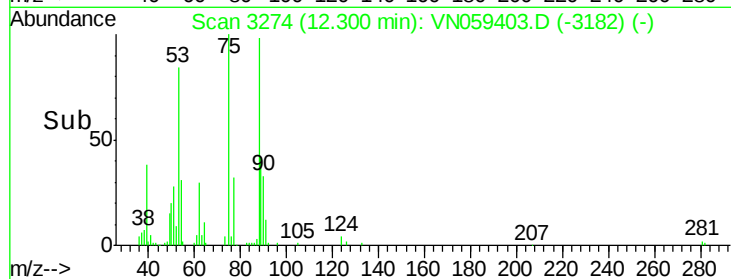
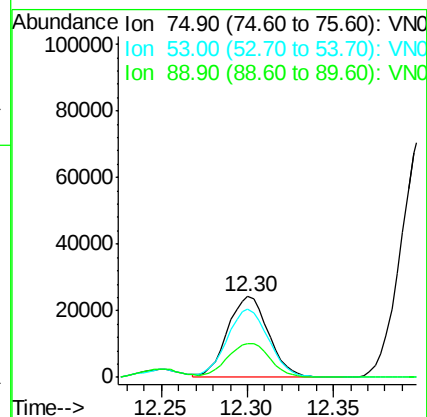
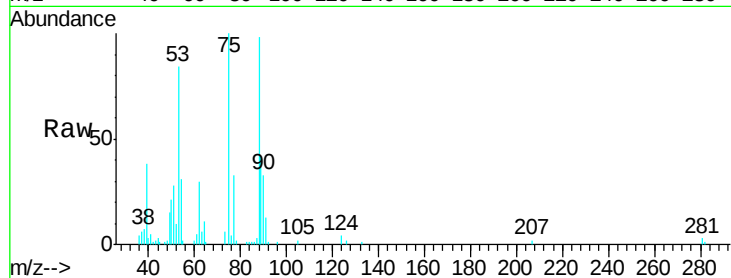
Tgt Ion: 75 Resp: 40386

Ion Ratio Lower Upper

75 100

53 86.0 70.7 106.1

89 43.5 35.4 53.0



#82

4-Chlorotoluene

Concen: 18.211 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059403.D

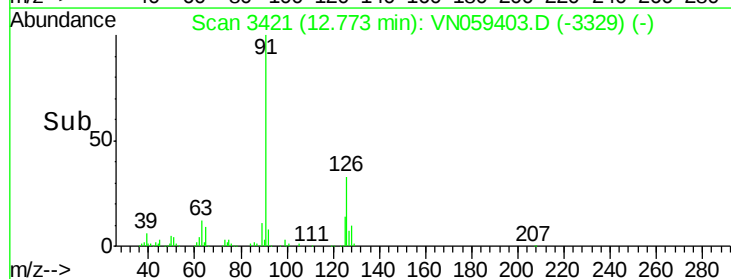
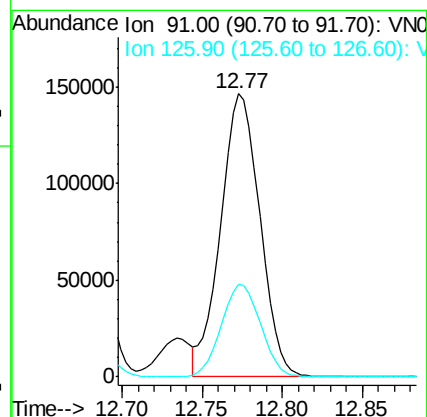
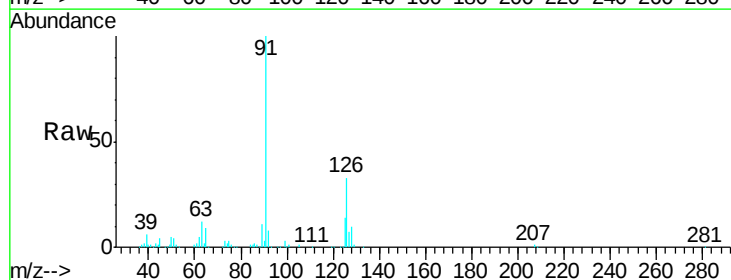
Acq: 26 Nov 2019 14:02

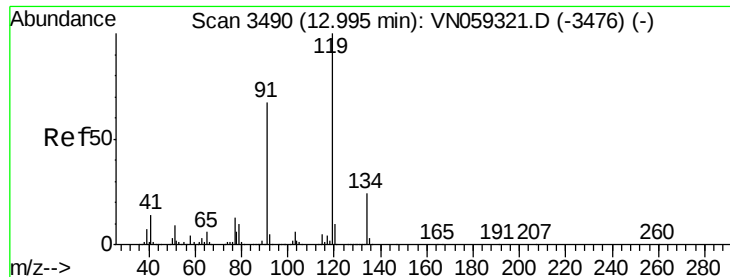
Tgt Ion: 91 Resp: 245560

Ion Ratio Lower Upper

91 100

126 32.9 16.2 48.6

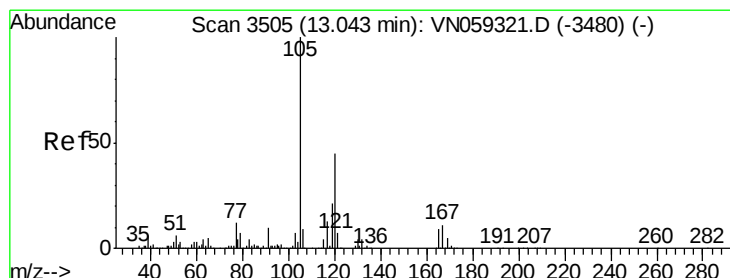
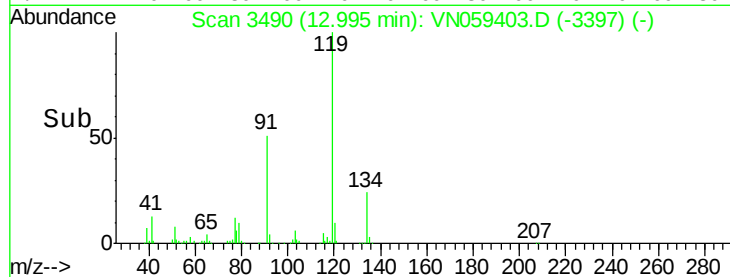
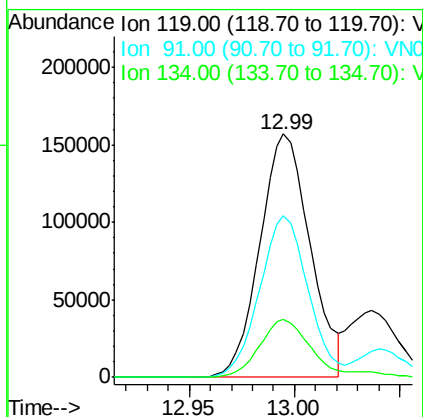
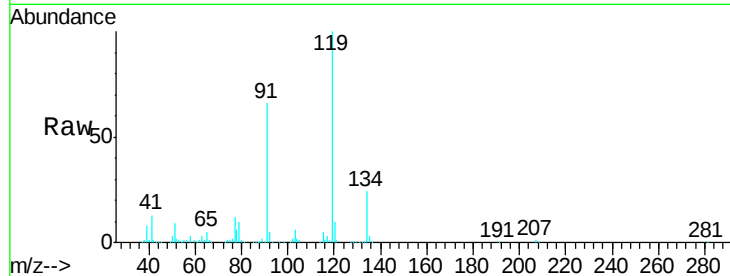




#83
 tert-Butylbenzene
 Concen: 19.568 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

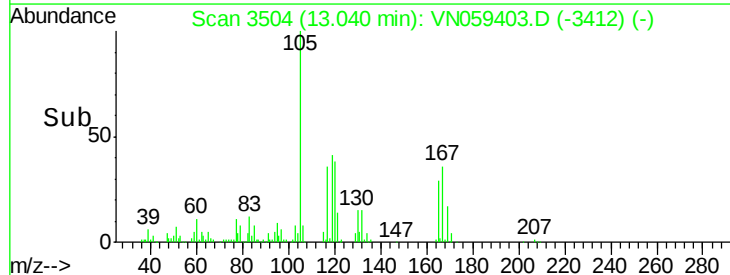
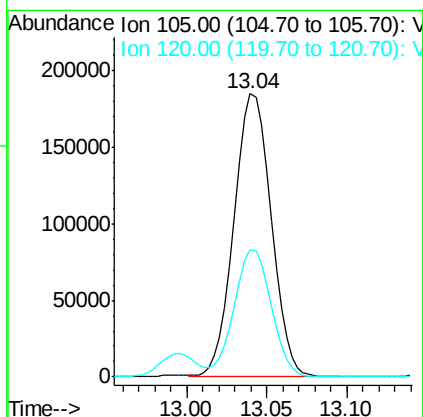
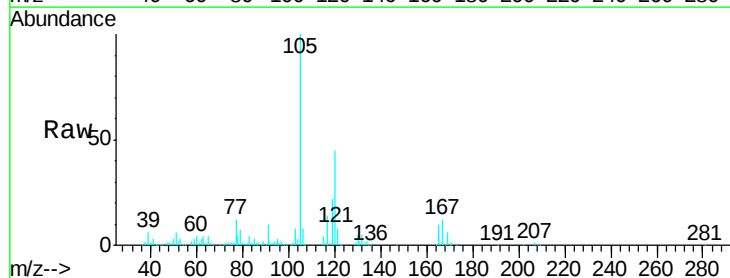
Instrument :
 MSVOA_N
 ClientSampled :
 VN1126WBS01

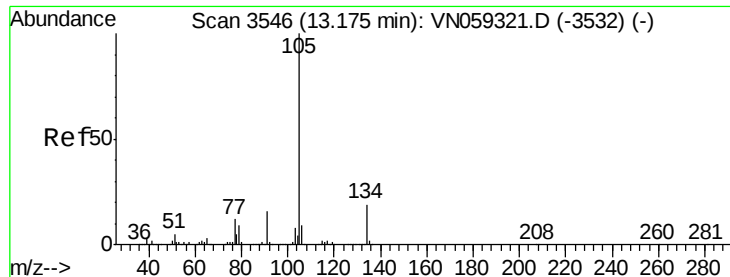
Tgt Ion:119 Resp: 260360
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.8 98.4
 134 25.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.953 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion:105 Resp: 292487
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.8

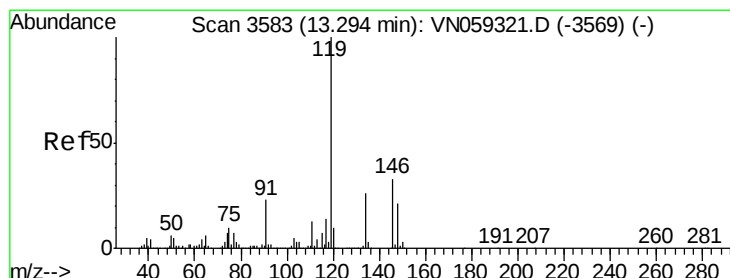
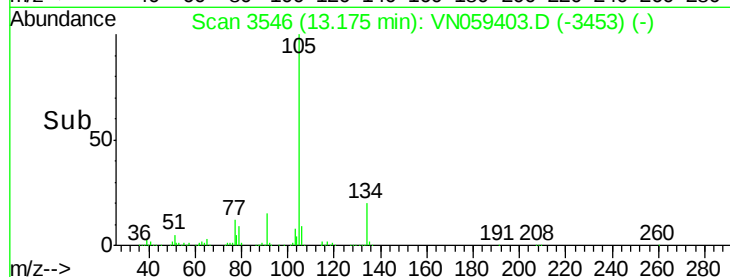
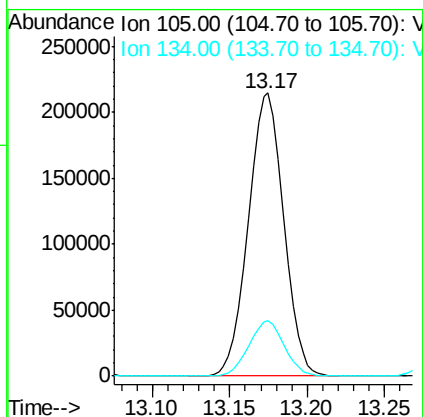
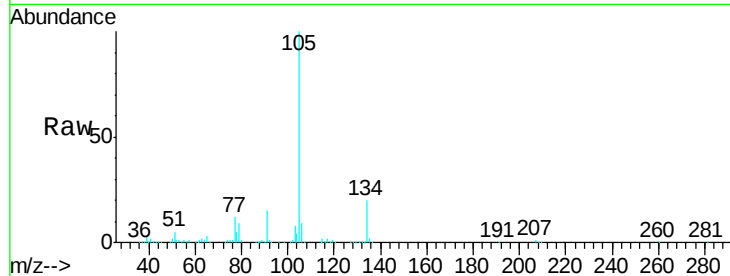




#85
 sec-Butylbenzene
 Concen: 19.163 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

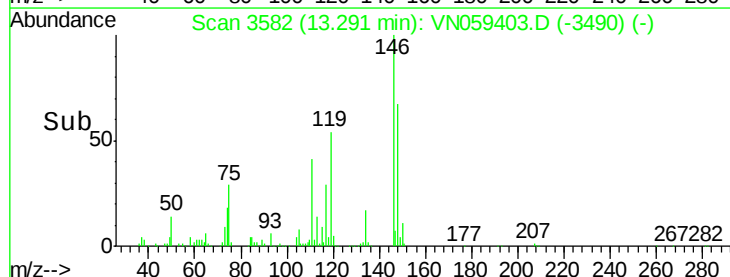
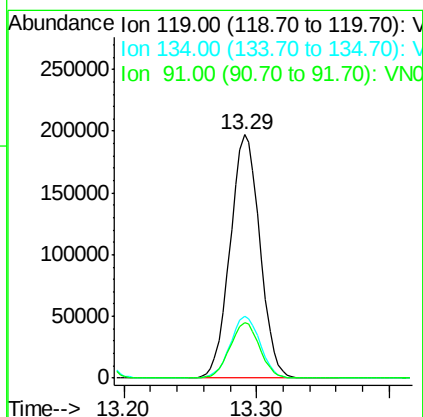
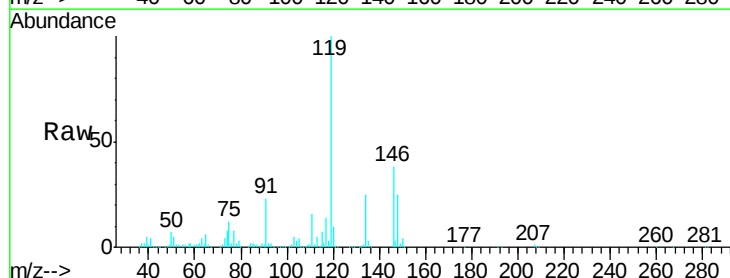
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Tgt Ion:105 Resp: 342694
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.203 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion:119 Resp: 305584
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 23.0 11.6 34.7

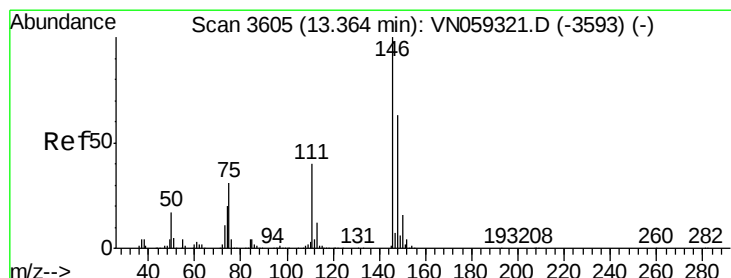
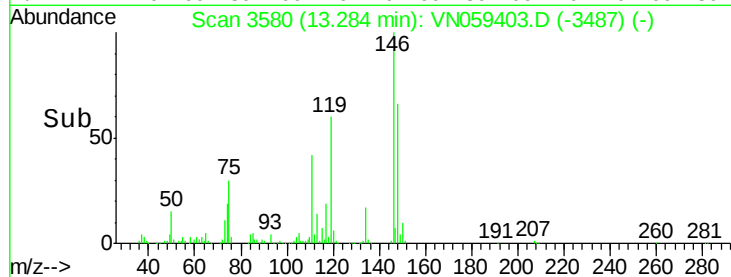
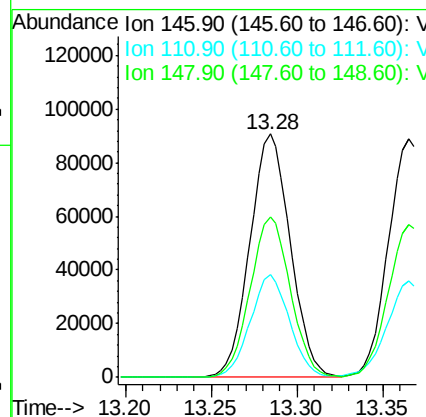
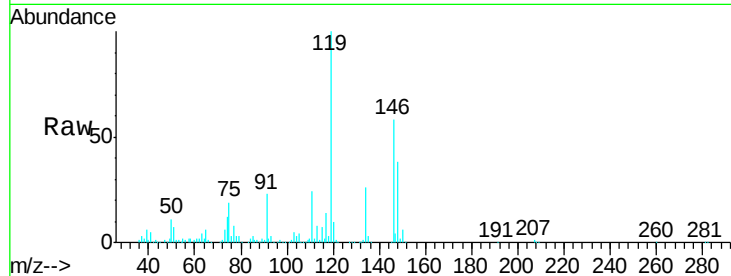




#87
 1,3-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

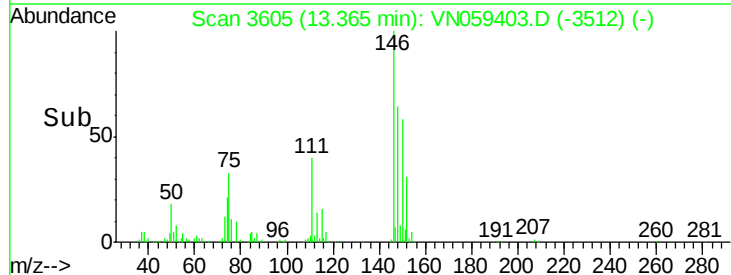
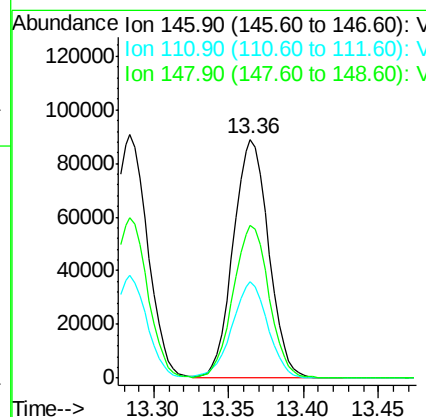
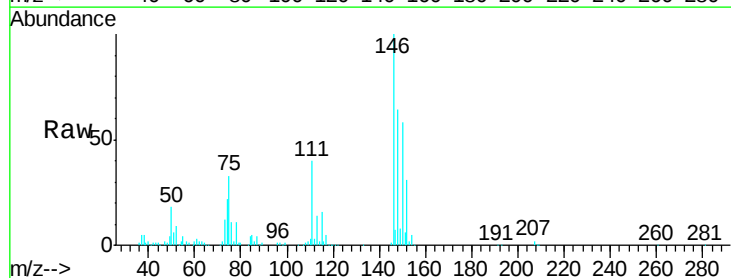
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

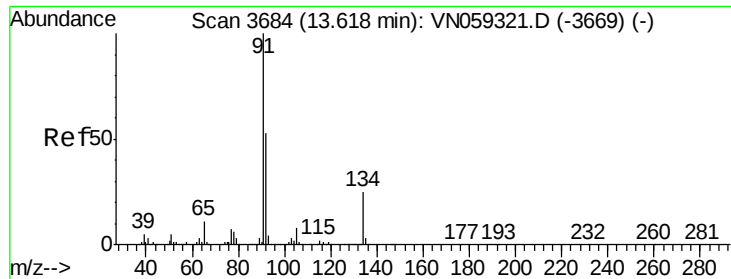
Tgt Ion:146 Resp: 148015
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 65.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.380 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion:146 Resp: 147212
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.1 60.3
 148 64.2 31.7 95.1

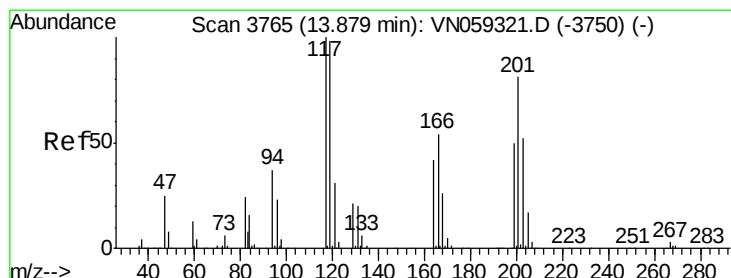
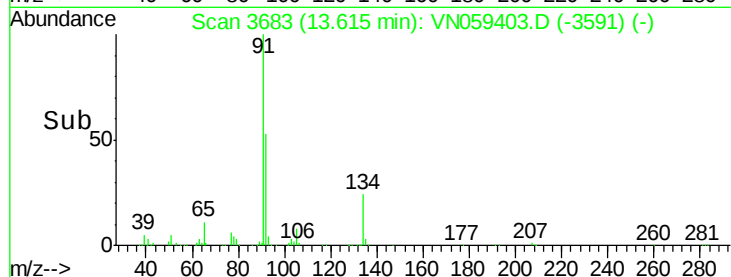
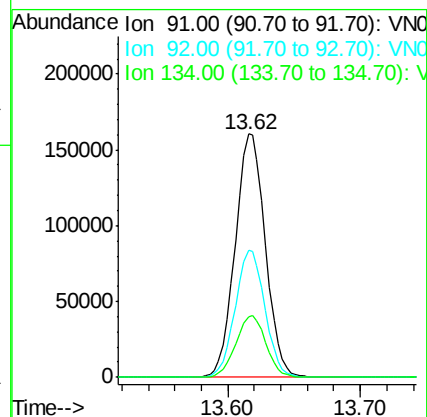
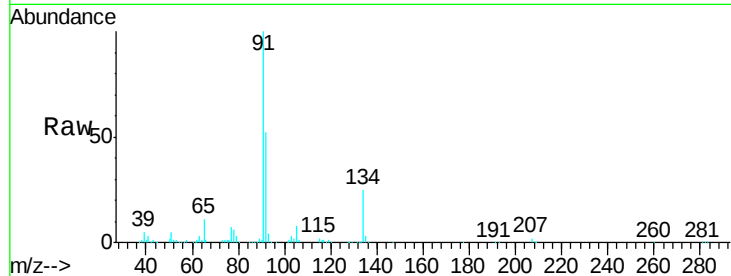




#89
n-Butylbenzene
Concen: 18.141 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

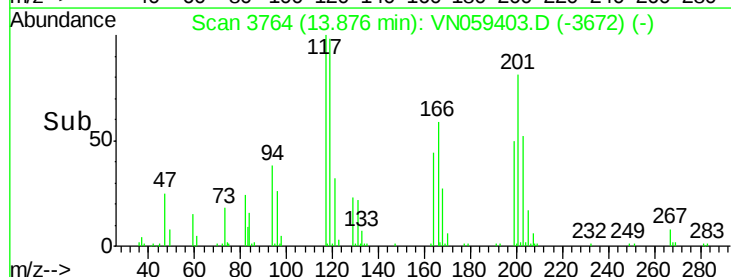
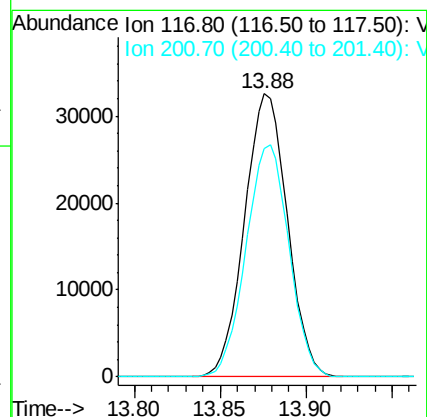
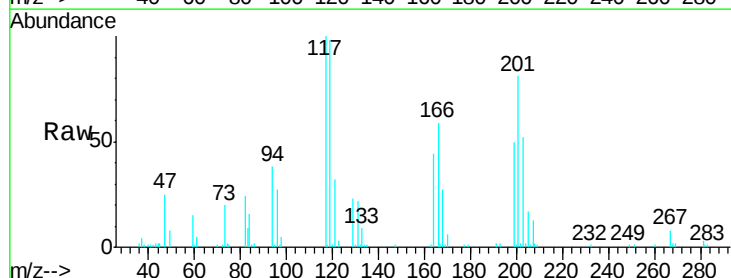
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

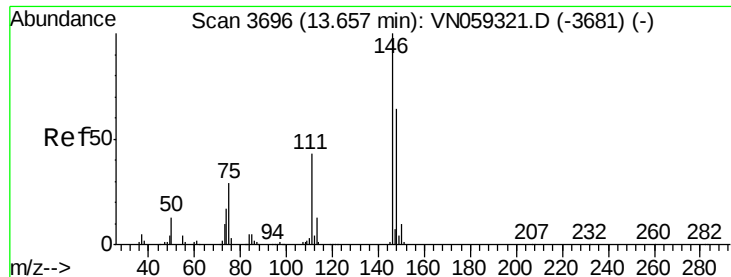
Tgt Ion: 91 Resp: 253248
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 18.685 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059403.D
Acq: 26 Nov 2019 14:02

Tgt Ion: 117 Resp: 56311
Ion Ratio Lower Upper
117 100
201 82.3 40.4 121.2





#91

1,2-Dichlorobenzene

Concen: 18.740 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

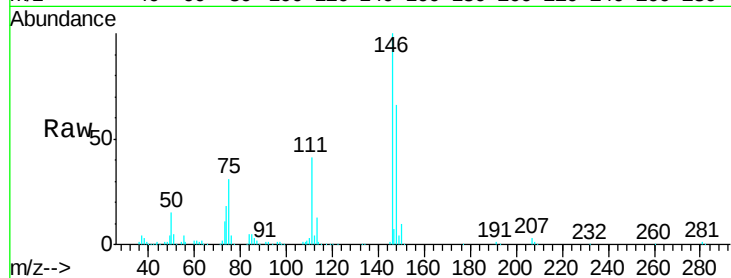
Instrument :

MSVOA_N

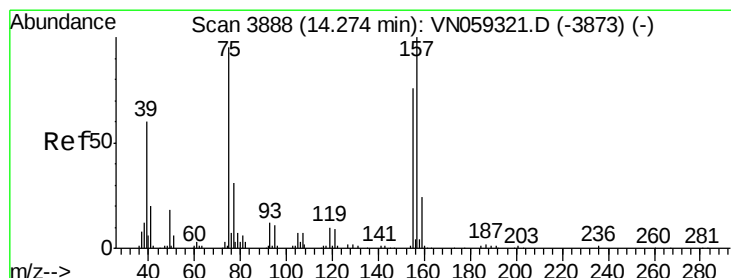
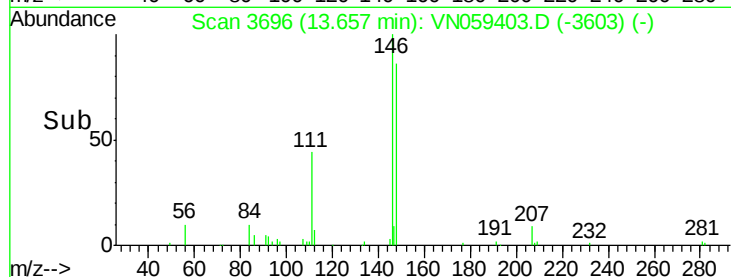
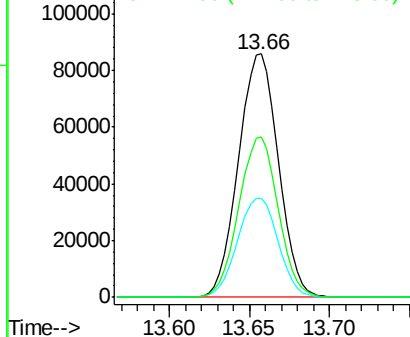
ClientSampleId :

VN1126WBS01

Tgt Ion:	146	Resp:	146769
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	64.0
148	64.9	31.9	95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.844 ug/l

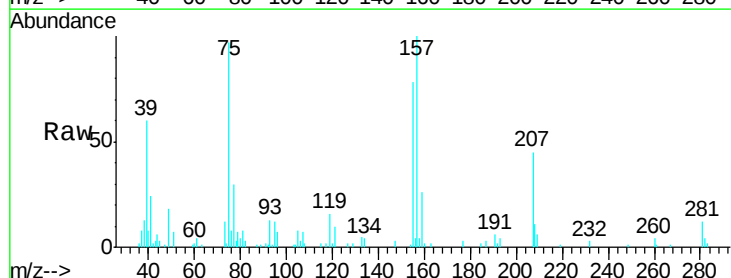
RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

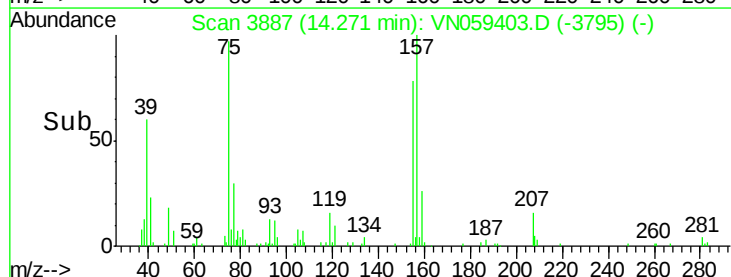
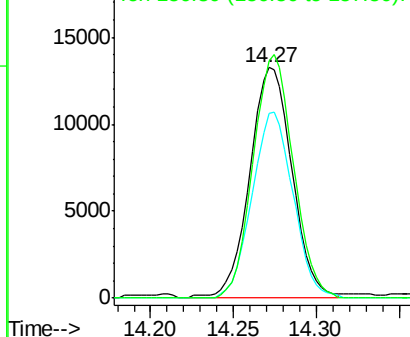
Lab File: VN059403.D

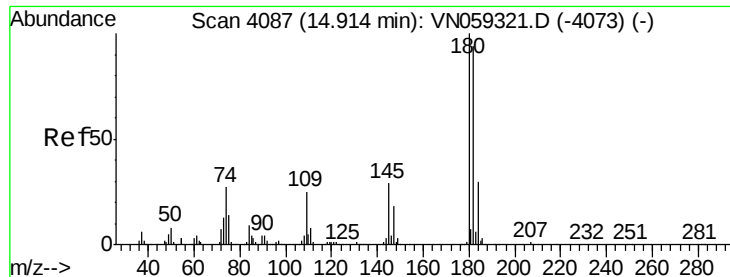
Acq: 26 Nov 2019 14:02

Tgt Ion:	75	Resp:	23519
Ion	Ratio	Lower	Upper
75	100		
155	77.9	40.5	121.5
157	100.4	52.7	158.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

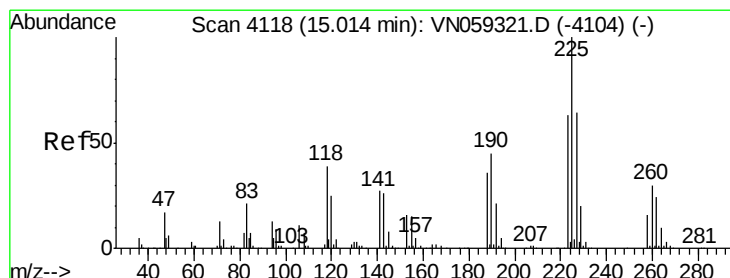
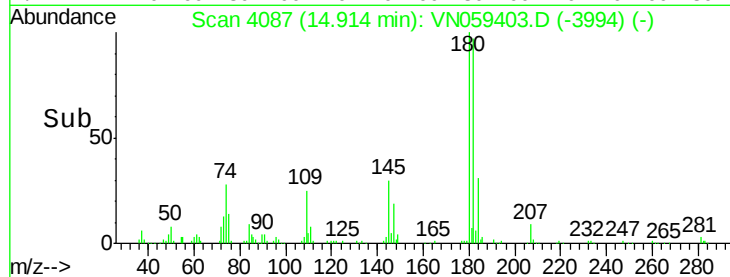
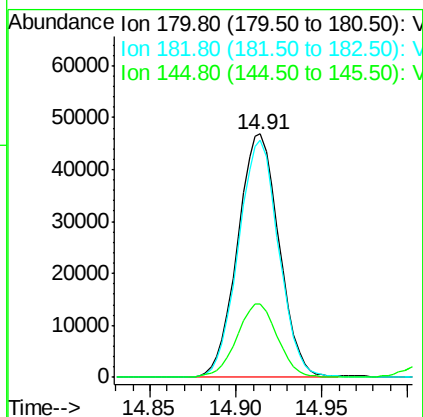
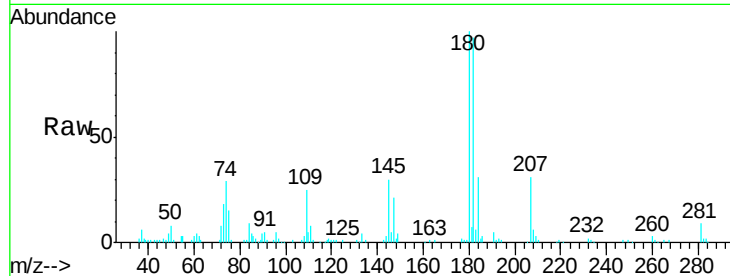




#93
 1,2,4-Trichlorobenzene
 Concen: 18.069 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

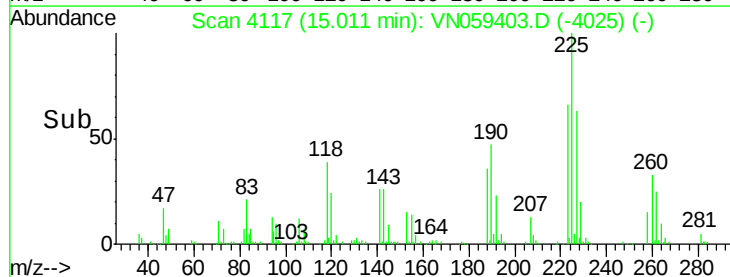
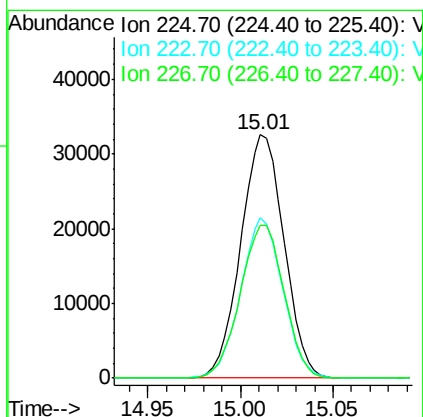
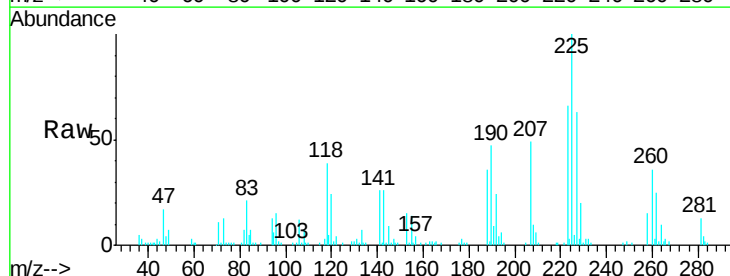
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

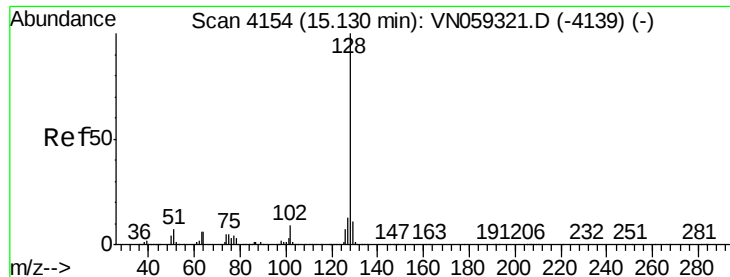
Tgt Ion:180 Resp: 78306
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.2 141.6
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 18.681 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059403.D
 Acq: 26 Nov 2019 14:02

Tgt Ion:225 Resp: 52713
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.6 94.8
 227 63.7 32.6 97.7





#95

Naphthalene

Concen: 16.973 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

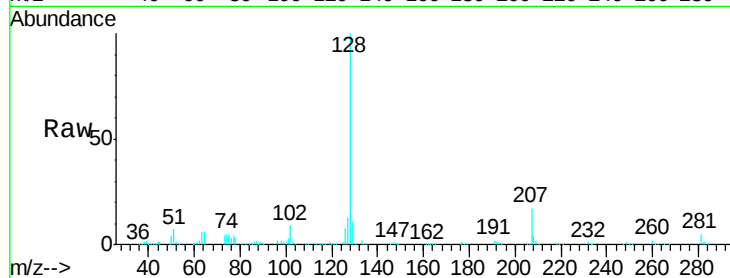
Tgt Ion:128 Resp: 198799

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

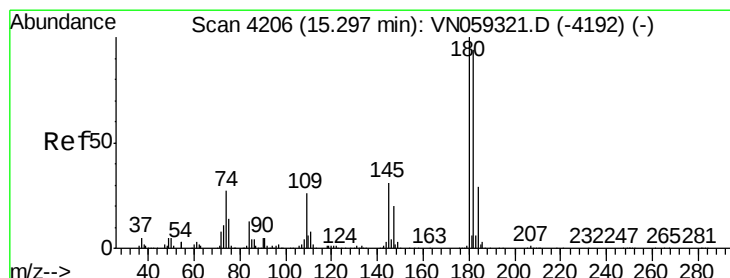
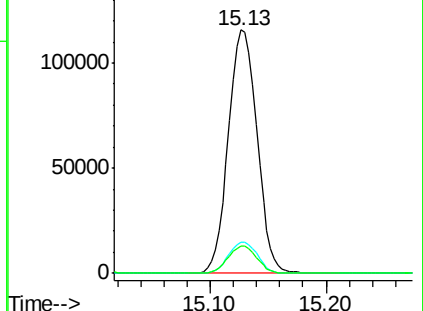
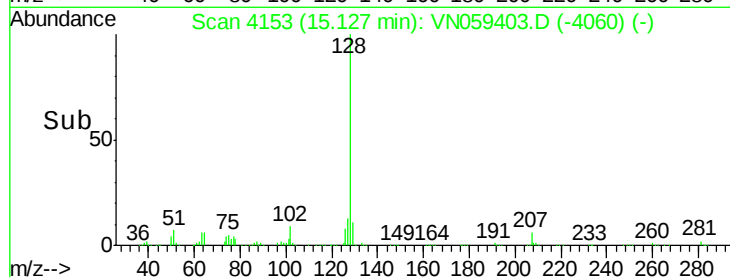
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.477 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059403.D

Acq: 26 Nov 2019 14:02

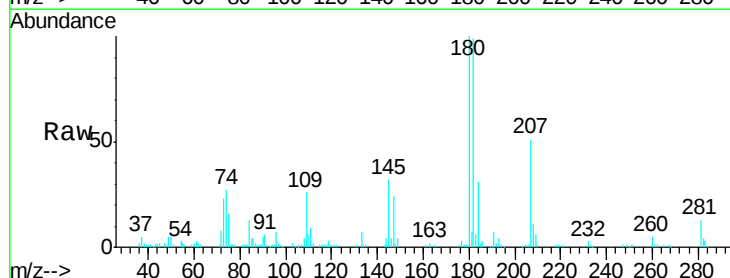
Tgt Ion:180 Resp: 77412

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.4

145 31.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

