

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112719\
 Data File : VN059420.D
 Acq On : 27 Nov 2019 13:23
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 27 16:31:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	357495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	561588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	502173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	82258	19.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.28%	
35) Dibromofluoromethane	7.57	113	65588	19.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.34%	
50) Toluene-d8	10.08	98	261434	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	
62) 4-Bromofluorobenzene	12.40	95	90218	19.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	93678	22.264	ug/l	99
3) Chloromethane	2.04	50	112470	21.883	ug/l	100
4) Vinyl Chloride	2.17	62	105746	21.411	ug/l	99
5) Bromomethane	2.55	94	61236	20.593	ug/l	97
6) Chloroethane	2.69	64	59417	21.456	ug/l	99
7) Trichlorofluoromethane	3.00	101	125674	21.363	ug/l	96
8) Diethyl Ether	3.39	74	49288	20.586	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	75083	20.723	ug/l	99
10) Methyl Iodide	3.93	142	97669	20.711	ug/l	99
11) Tert butyl alcohol	4.75	59	75211	103.674	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	75301	21.222	ug/l	99
13) Acrolein	3.58	56	65479	92.463	ug/l	99
14) Allyl chloride	4.30	41	138461	21.040	ug/l	99
15) Acrylonitrile	4.95	53	221136	109.393	ug/l	100
16) Acetone	3.79	43	218426	109.486	ug/l	99
17) Carbon Disulfide	4.03	76	245855	20.191	ug/l	100
18) Methyl Acetate	4.30	43	112564	20.719	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	244497	21.383	ug/l	98
20) Methylene Chloride	4.52	84	85810	21.168	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	82010	21.214	ug/l	98
22) Diisopropyl ether	5.92	45	263307	21.531	ug/l	96
23) Vinyl Acetate	5.87	43	1091611	110.643	ug/l	99
24) 1,1-Dichloroethane	5.82	63	151678	21.557	ug/l	99
25) 2-Butanone	6.81	43	301268	109.771	ug/l	100
26) 2,2-Dichloropropane	6.80	77	127474	21.288	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	89793	21.237	ug/l	99
28) Bromochloromethane	7.17	49	60152	24.742	ug/l	100
29) Tetrahydrofuran	7.19	42	198761	108.891	ug/l	99
30) Chloroform	7.35	83	145311	20.523	ug/l	100
31) Cyclohexane	7.63	56	144449	20.479	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	123651	21.355	ug/l	100
36) 1,1-Dichloropropene	7.77	75	111826	20.707	ug/l	99
37) Ethyl Acetate	6.90	43	121496	21.264	ug/l	100
38) Carbon Tetrachloride	7.75	117	107577	21.107	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	134110	20.757	ug/l	99
40) Benzene	8.02	78	338487	21.109	ug/l	99
41) Methacrylonitrile	7.18	41	171479	63.563	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	108278	21.296	ug/l	99
43) Isopropyl Acetate	8.15	43	185405	21.360	ug/l	99
44) Trichloroethene	8.82	130	86072	21.052	ug/l	100
45) 1,2-Dichloropropane	9.10	63	89071	21.237	ug/l	99
46) Dibromomethane	9.19	93	55143	21.305	ug/l	99
47) Bromodichloromethane	9.39	83	109841	20.982	ug/l	99
48) Methyl methacrylate	9.19	41	80572	20.922	ug/l	99
49) 1,4-Dioxane	9.19	88	22846	406.193	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	571853	113.579	ug/l	99
52) Toluene	10.15	92	199880	20.865	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	126933	21.102	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	137896	21.236	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	80980	21.597	ug/l	98
56) Ethyl methacrylate	10.42	69	116164	21.239	ug/l	98
57) 1,3-Dichloropropane	10.70	76	137911	21.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	199392	124.110	ug/l	99
59) 2-Hexanone	10.75	43	419583	112.385	ug/l	99
60) Dibromochloromethane	10.90	129	83524	21.340	ug/l	100
61) 1,2-Dibromoethane	11.00	107	81649	21.250	ug/l	100
64) Tetrachloroethene	10.63	164	75810	20.410	ug/l	98
65) Chlorobenzene	11.43	112	209385	20.596	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	77357	20.983	ug/l	98
67) Ethyl Benzene	11.51	91	379678	21.262	ug/l	99
68) m/p-Xylenes	11.62	106	284612	42.690	ug/l	99
69) o-Xylene	11.95	106	134020	20.961	ug/l	98
70) Styrene	11.96	104	213073	21.257	ug/l	99
71) Bromoform	12.13	173	58970	21.007	ug/l #	98
73) Isopropylbenzene	12.25	105	360322	20.823	ug/l	99
74) N-amyl acetate	12.07	43	139382	21.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	119604	21.195	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	156833	29.066	ug/l #	100
77) Bromobenzene	12.53	156	87594	20.676	ug/l	98
78) n-propylbenzene	12.59	91	416699	20.897	ug/l	100
79) 2-Chlorotoluene	12.68	91	247181	20.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	306794	21.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41838	20.344	ug/l	98
82) 4-Chlorotoluene	12.78	91	250210	20.378	ug/l	99
83) tert-Butylbenzene	12.99	119	259234	20.756	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	299940	21.050	ug/l	100
85) sec-Butylbenzene	13.17	105	346778	20.908	ug/l	100
86) p-Isopropyltoluene	13.29	119	310162	20.685	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	154653	20.598	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	152722	20.261	ug/l	99
89) n-Butylbenzene	13.62	91	266094	20.301	ug/l	100
90) Hexachloroethane	13.88	117	57971	20.228	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	151544	20.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24401	19.041	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:27:42 2019
Response via : Initial Calibration

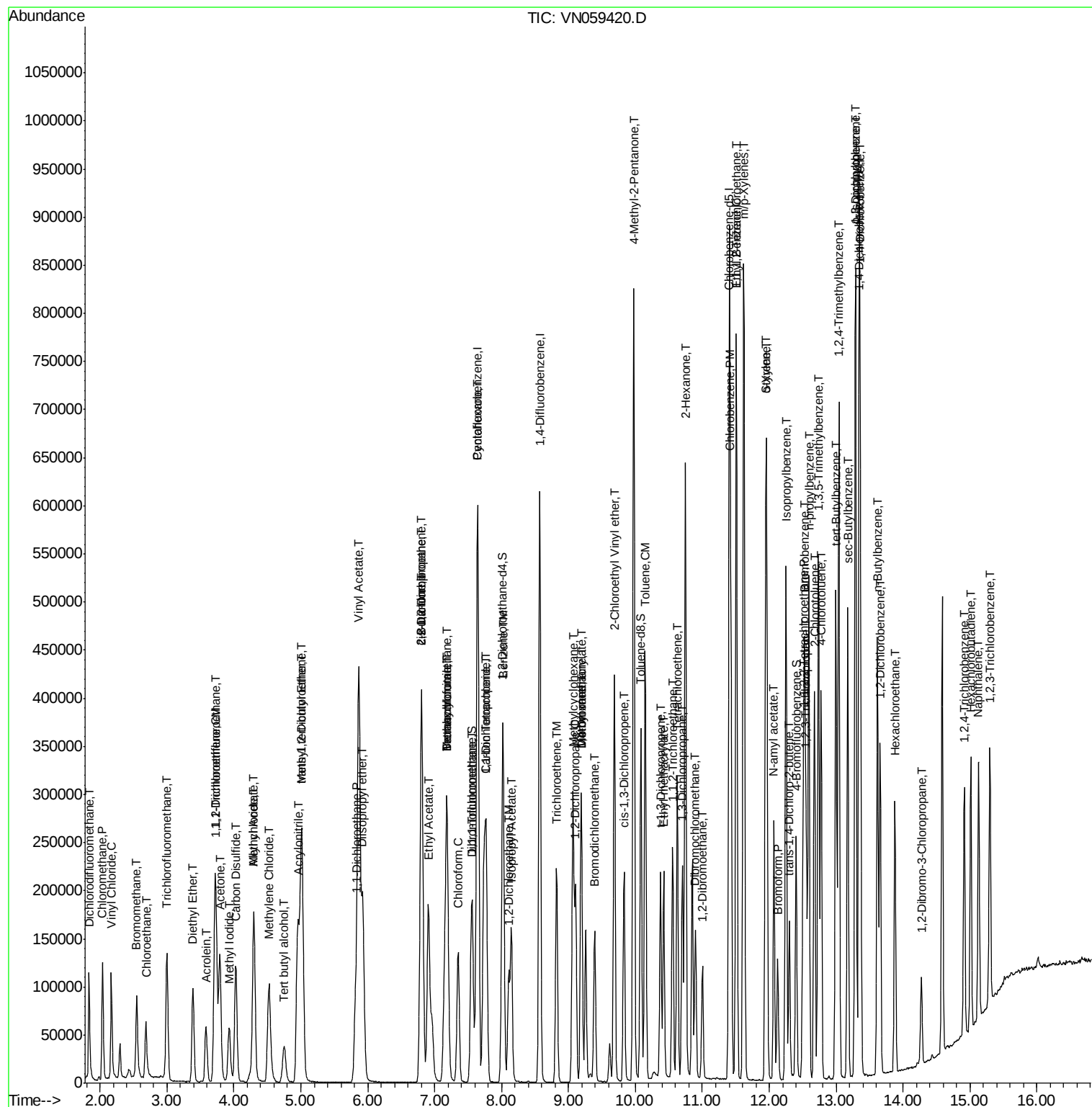
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84611	18.502	ug/l	97
94) Hexachlorobutadiene	15.01	225	55996	19.981	ug/l	100
95) Naphthalene	15.13	128	222926	17.253	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	87002	17.861	ug/l	99

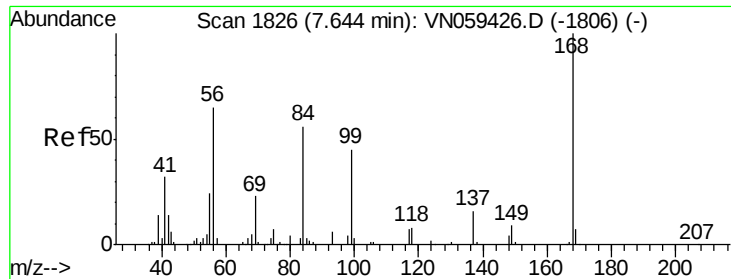
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112719\
Data File : VN059420.D
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Sample : VSTDIC020
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Quant Time: Nov 27 16:31:19 2019
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:27:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

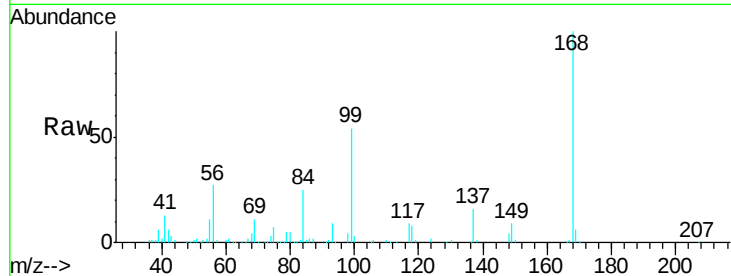
VSTDIC020

Tgt Ion:168 Resp: 357495

Ion Ratio Lower Upper

168 100

99 53.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

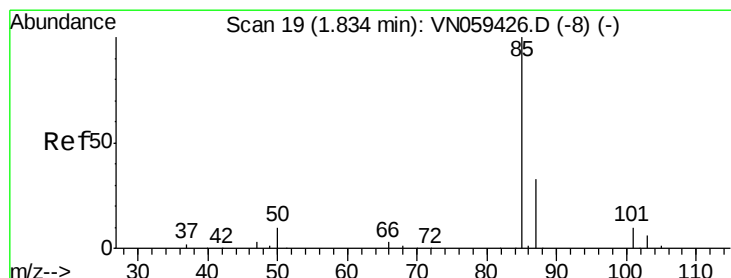
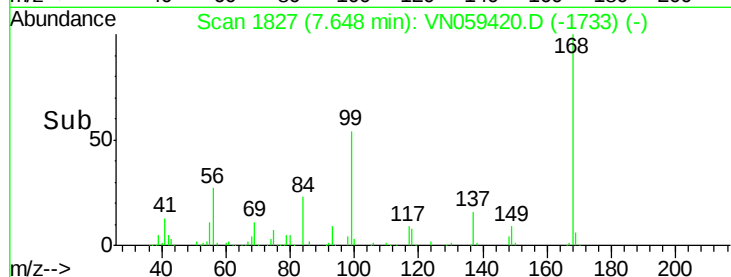
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 22.264 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059420.D

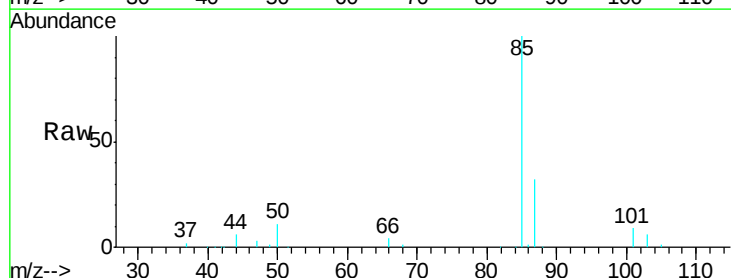
Acq: 27 Nov 2019 13:23

Tgt Ion: 85 Resp: 93678

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

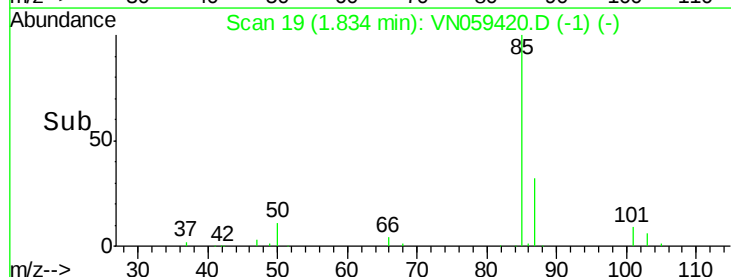
40000

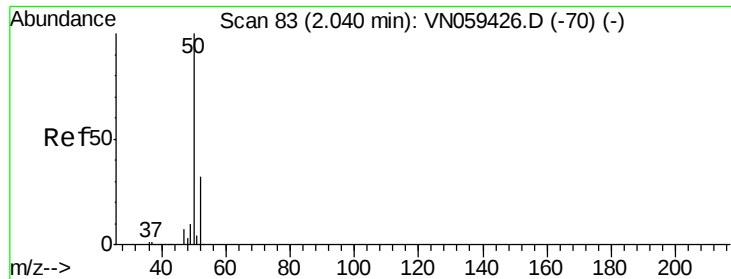
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 21.883 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

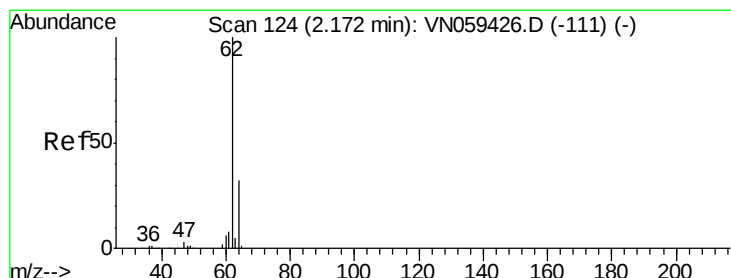
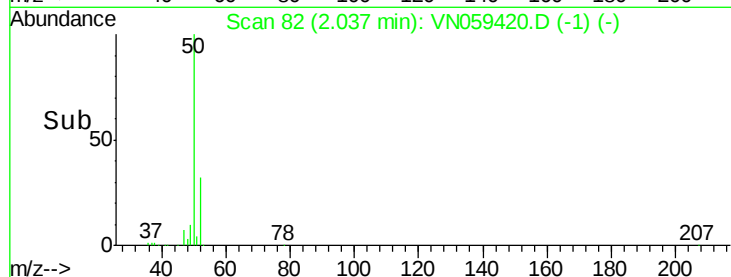
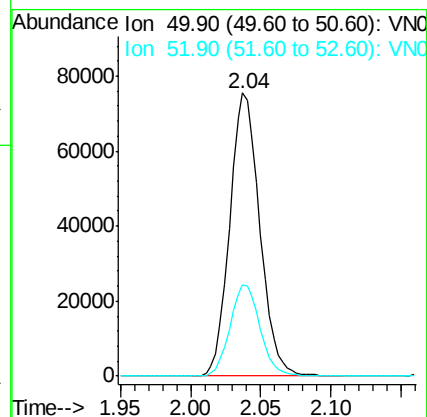
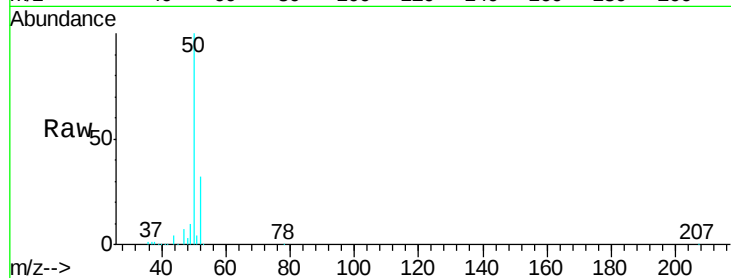
VSTDIC020

Tgt Ion: 50 Resp: 112470

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 21.411 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059420.D

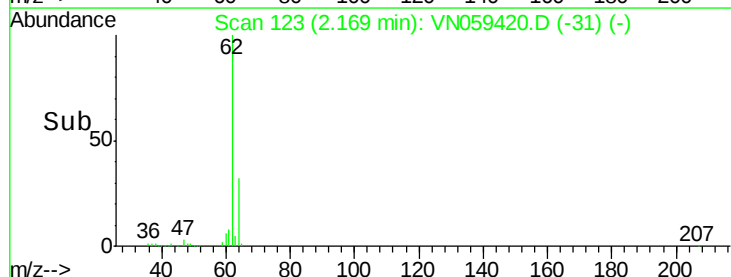
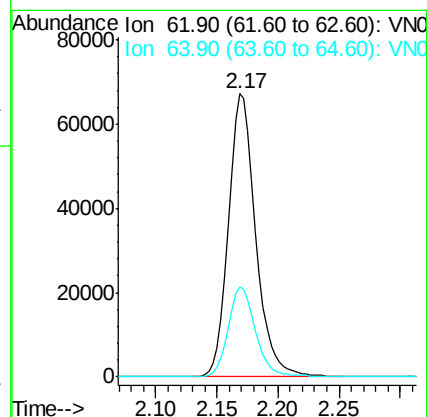
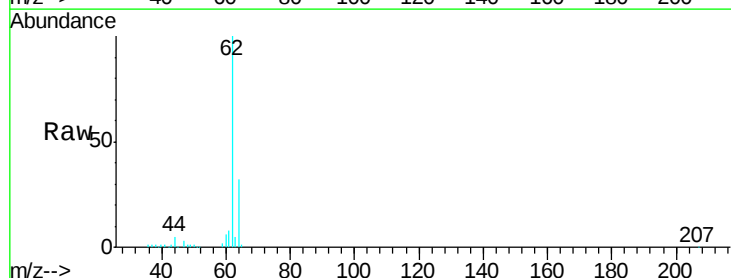
Acq: 27 Nov 2019 13:23

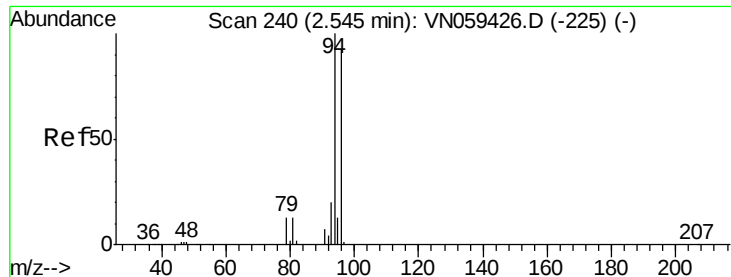
Tgt Ion: 62 Resp: 105746

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 20.593 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

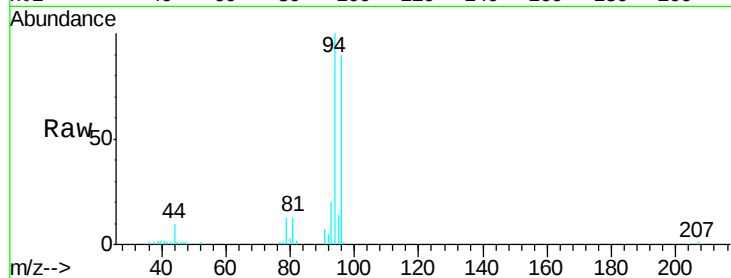
VSTDIC020

Tgt Ion: 94 Resp: 61236

Ion Ratio Lower Upper

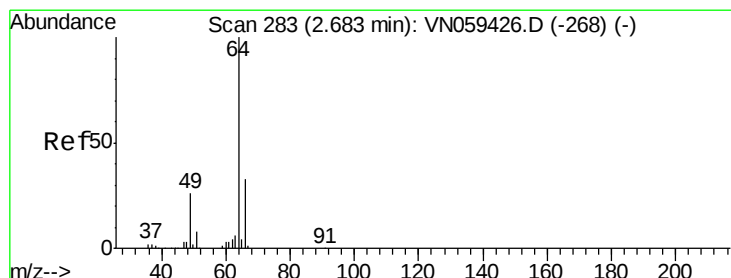
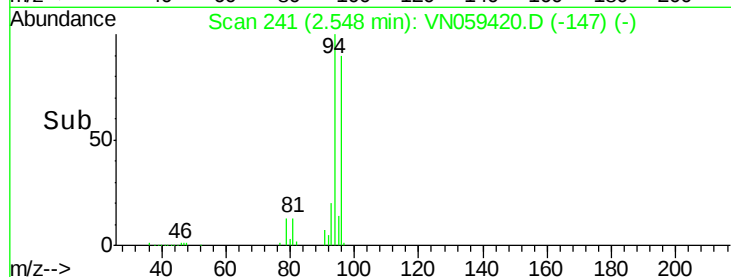
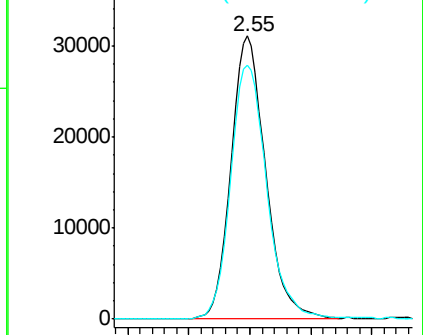
94 100

96 89.8 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.456 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN059420.D

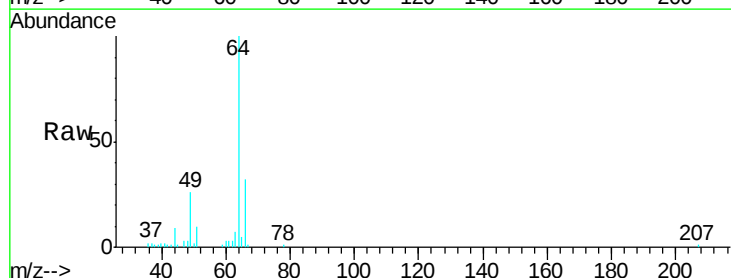
Acq: 27 Nov 2019 13:23

Tgt Ion: 64 Resp: 59417

Ion Ratio Lower Upper

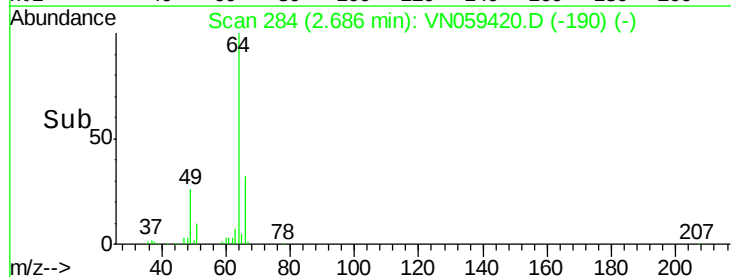
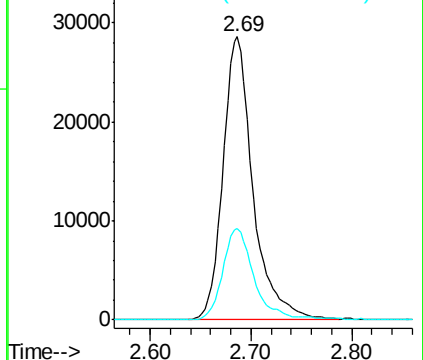
64 100

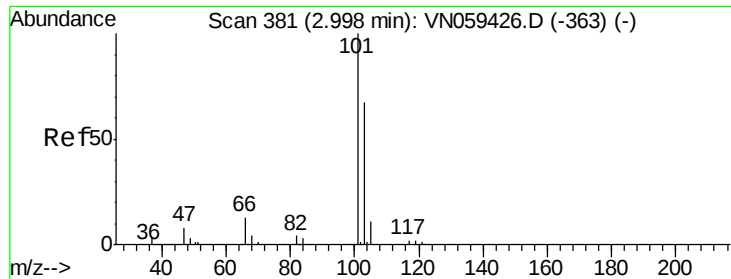
66 32.3 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



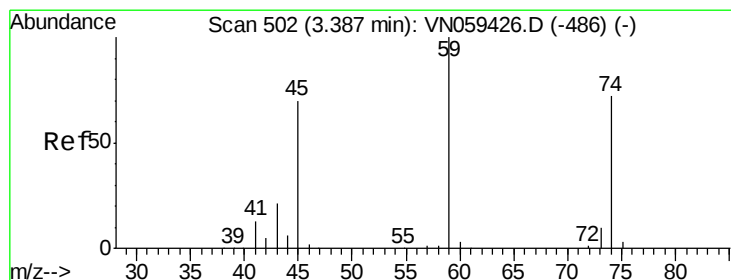
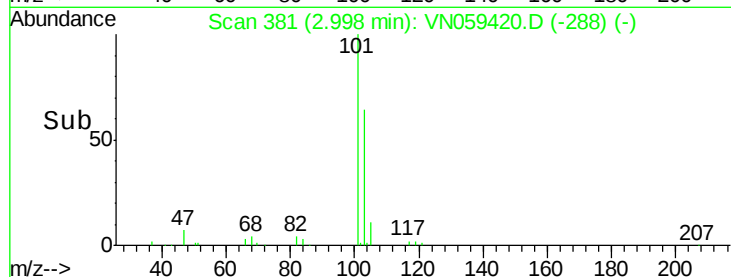
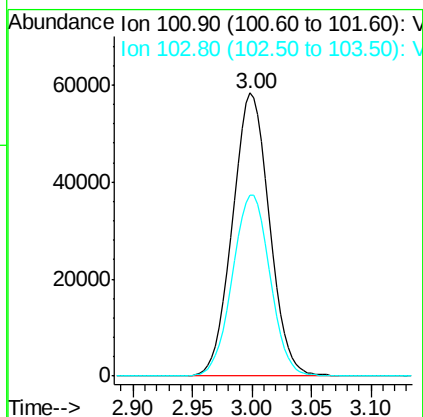
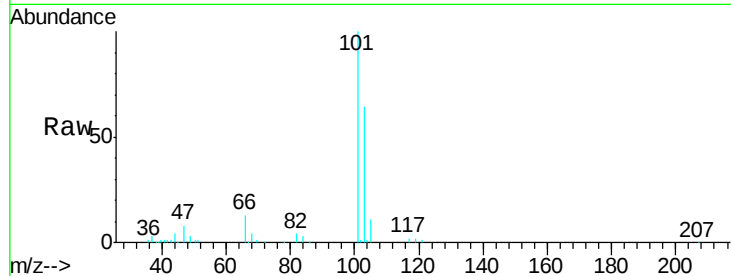


#7

Trichlorofluoromethane
 Concen: 21.363 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Instrument :
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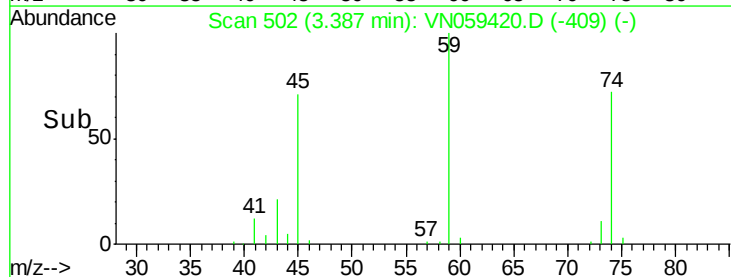
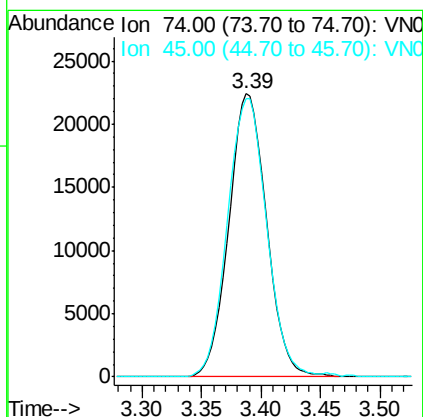
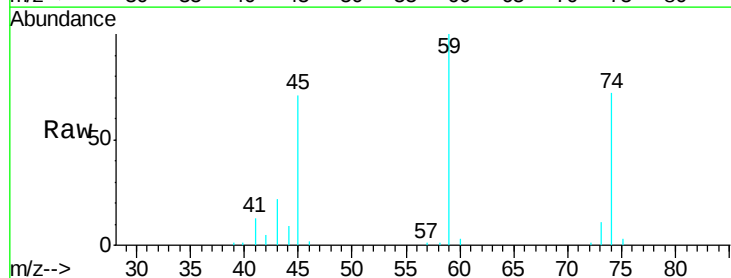
Tgt Ion:101 Resp: 125674
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.6 80.4

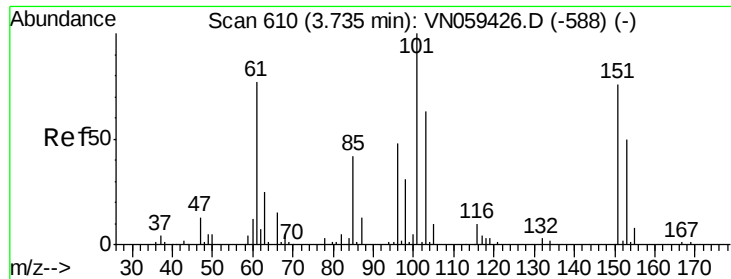


#8

Diethyl Ether
 Concen: 20.586 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 74 Resp: 49288
 Ion Ratio Lower Upper
 74 100
 45 102.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.723 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

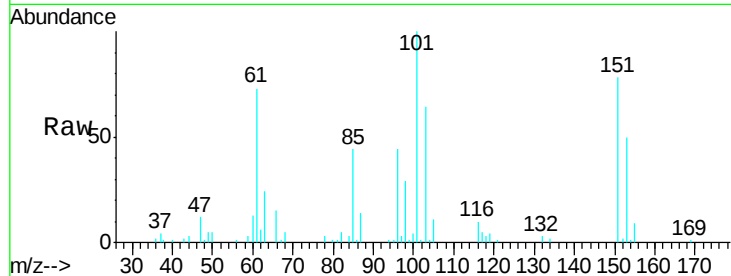
Tgt Ion:101 Resp: 75083

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.2

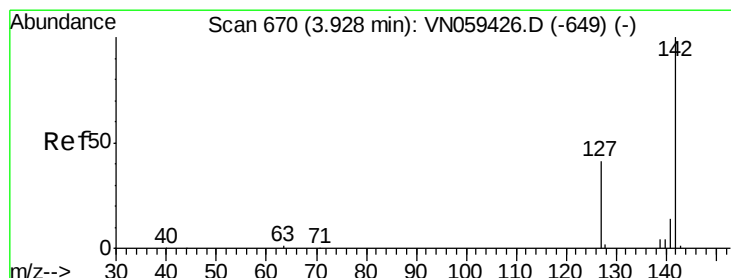
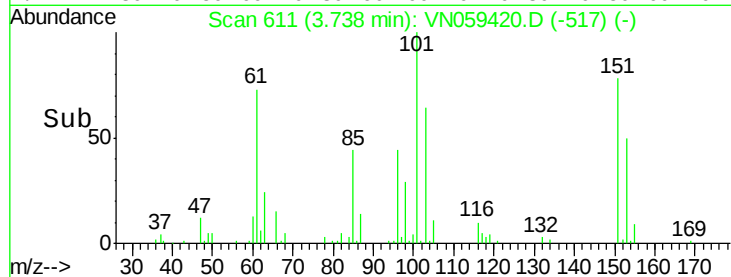
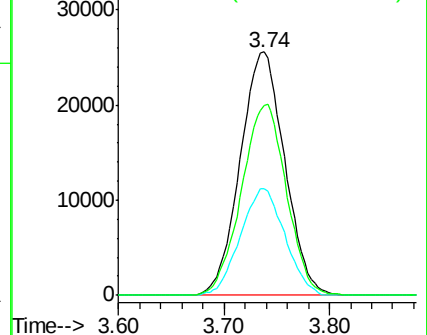
151 79.2 62.6 93.8



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: 20.711 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

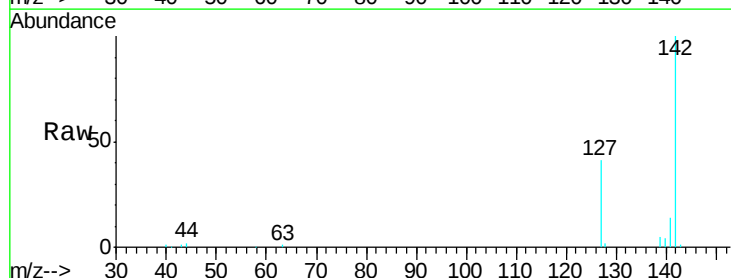
Tgt Ion:142 Resp: 97669

Ion Ratio Lower Upper

142 100

127 41.5 32.6 48.8

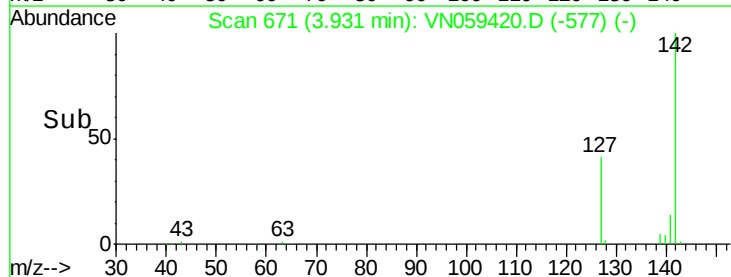
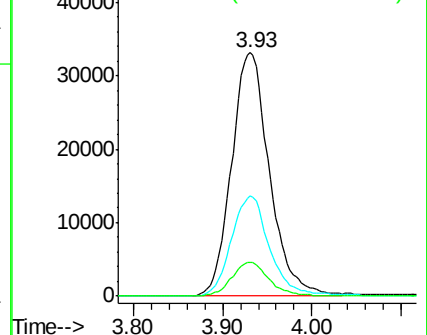
141 13.6 11.1 16.7

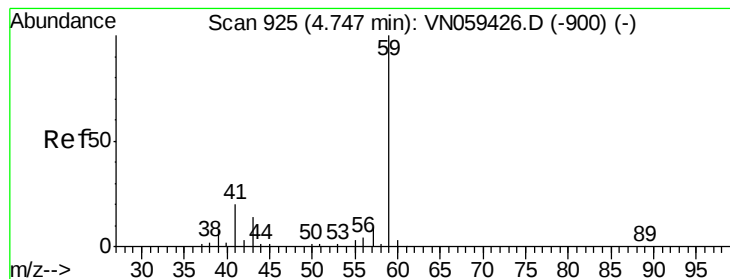


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



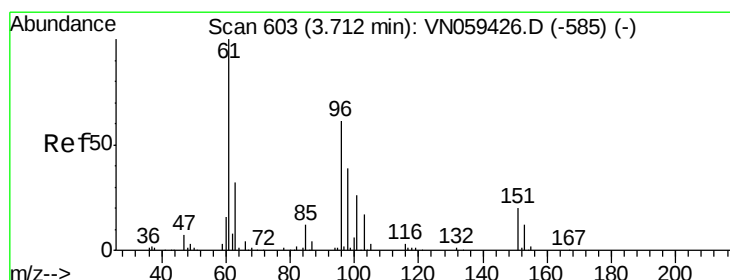
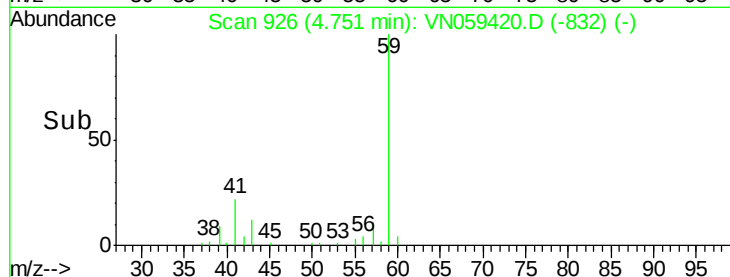
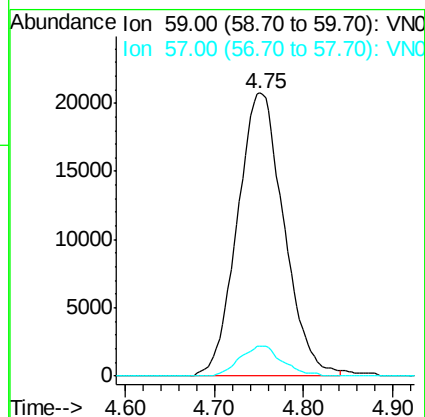
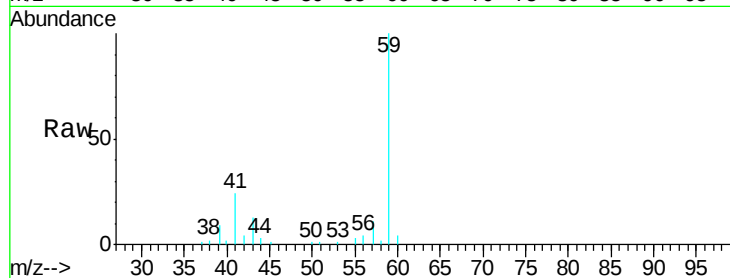


#11

Tert butyl alcohol
 Concen: 103.674 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

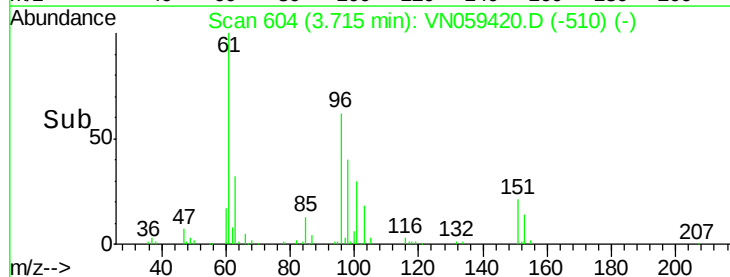
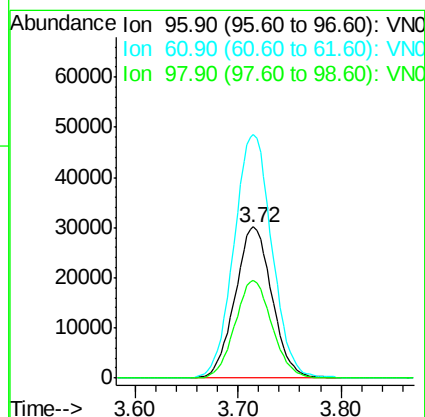
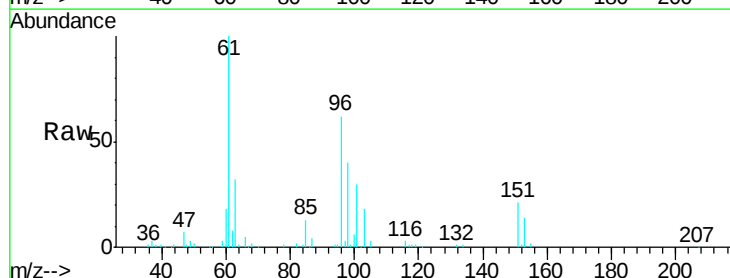
Tgt Ion: 59 Resp: 75211
 Ion Ratio Lower Upper
 59 100
 57 9.8 3.8 5.8#

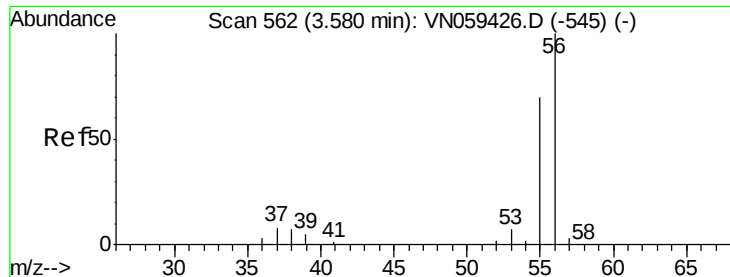


#12

1,1-Dichloroethene
 Concen: 21.222 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 96 Resp: 75301
 Ion Ratio Lower Upper
 96 100
 61 160.9 130.5 195.7
 98 64.5 51.3 76.9





#13

Acrolein

Concen: 92.463 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

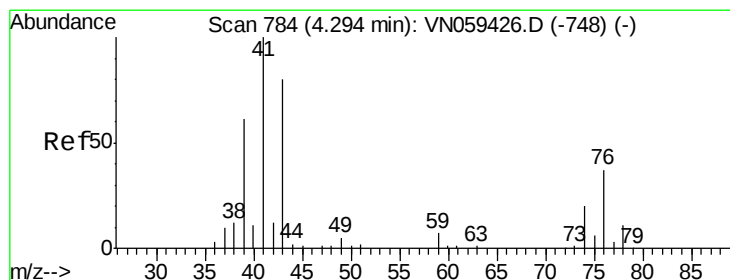
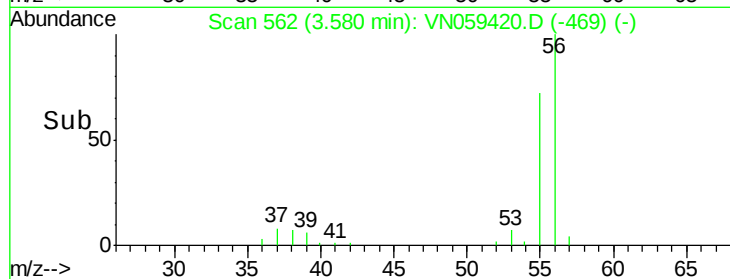
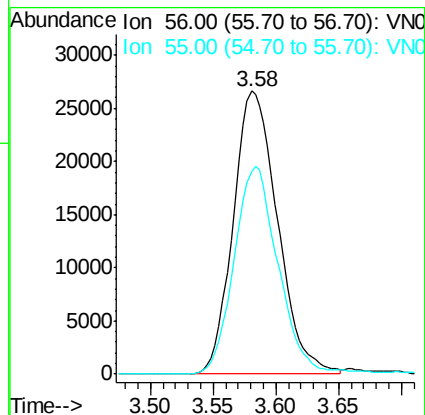
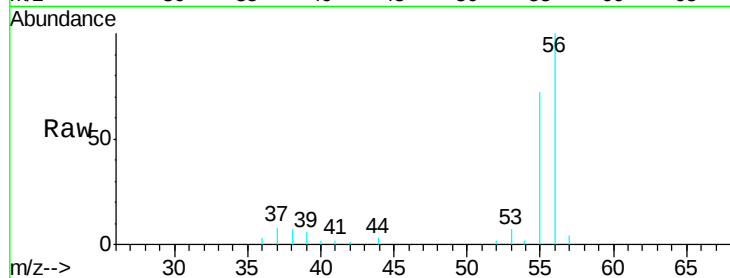
VSTDIC020

Tgt Ion: 56 Resp: 65479

Ion Ratio Lower Upper

56 100

55 73.1 57.8 86.6



#14

Allyl chloride

Concen: 21.040 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

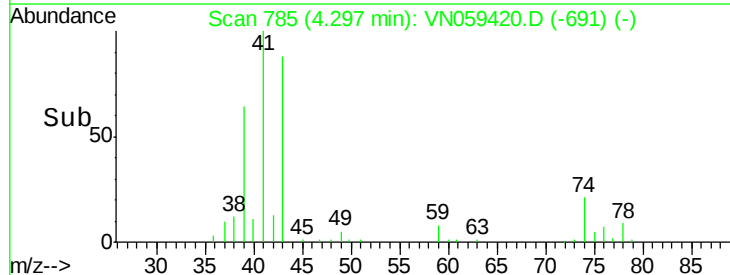
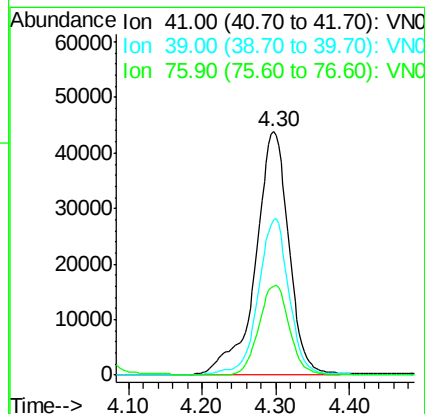
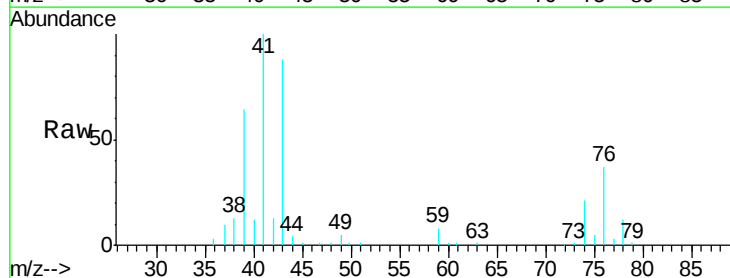
Tgt Ion: 41 Resp: 138461

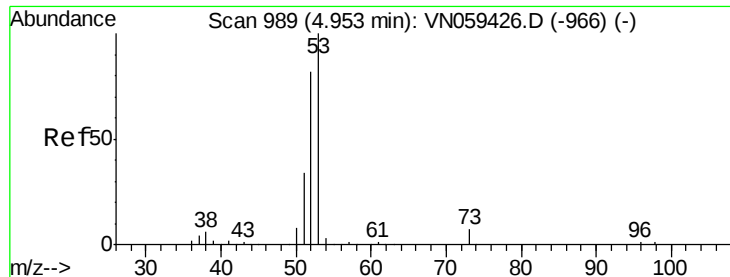
Ion Ratio Lower Upper

41 100

39 59.2 46.5 69.7

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 109.393 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

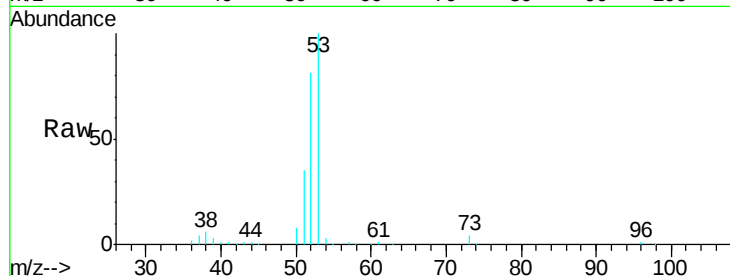
Tgt Ion: 53 Resp: 221136

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

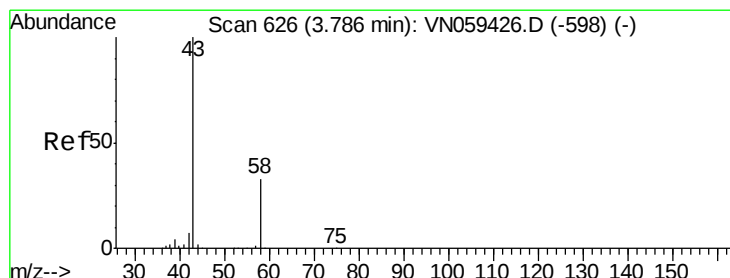
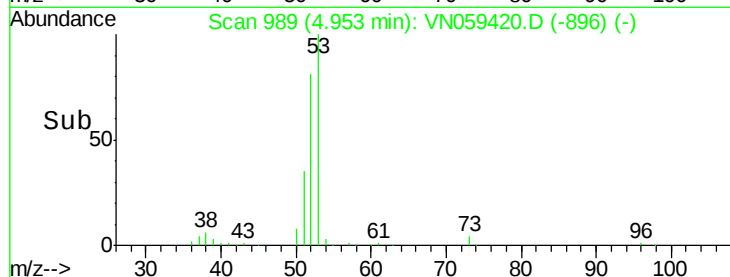
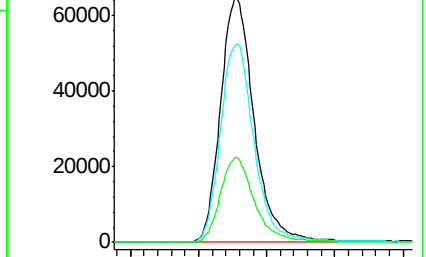
51 35.3 27.8 41.8



Abundance Ion 53.00 (52.70 to 53.70): VN059420.D (-896) (-)

Ion 52.00 (51.70 to 52.70): VN059420.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VN059420.D (-896) (-)



#16

Acetone

Concen: 109.486 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059420.D

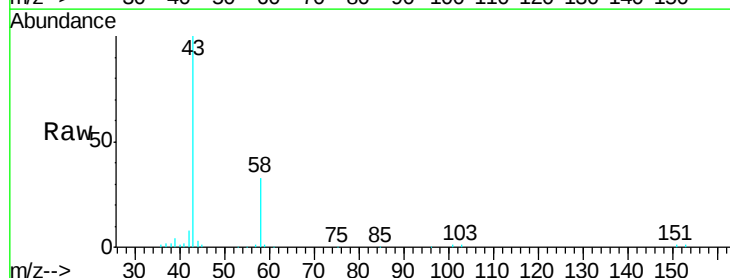
Acq: 27 Nov 2019 13:23

Tgt Ion: 43 Resp: 218426

Ion Ratio Lower Upper

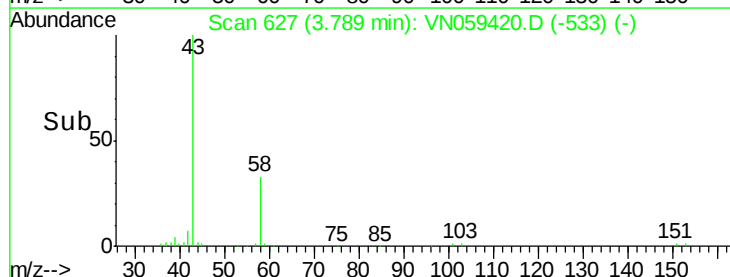
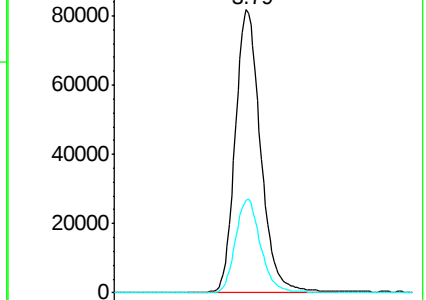
43 100

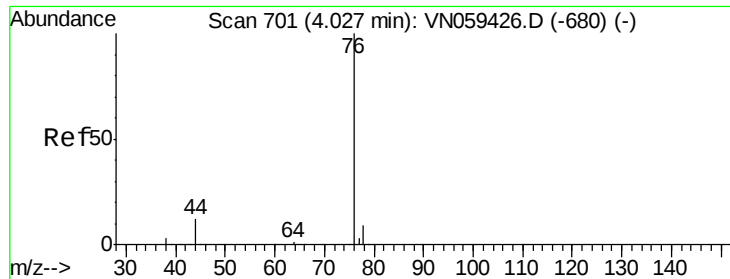
58 32.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN059420.D (-533) (-)

Ion 58.00 (57.70 to 58.70): VN059420.D (-533) (-)

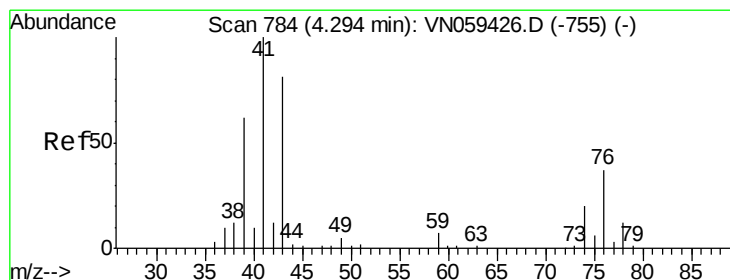
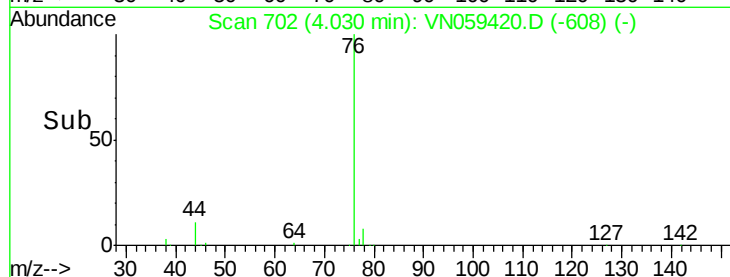
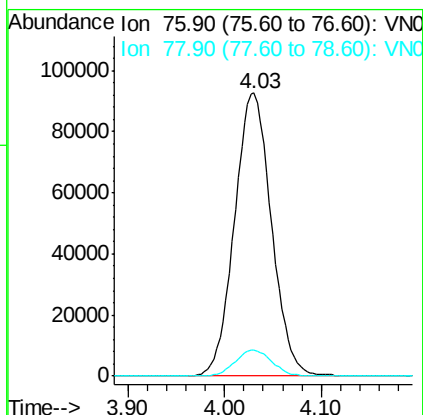
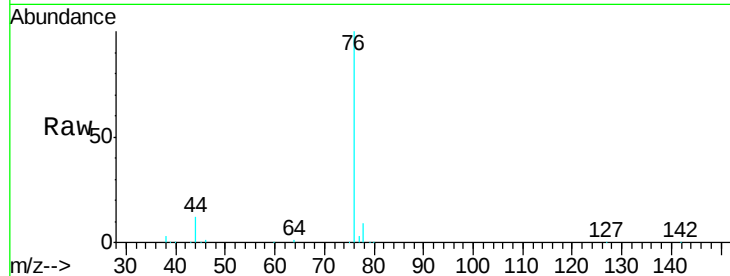




#17
Carbon Disulfide
Concen: 20.191 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

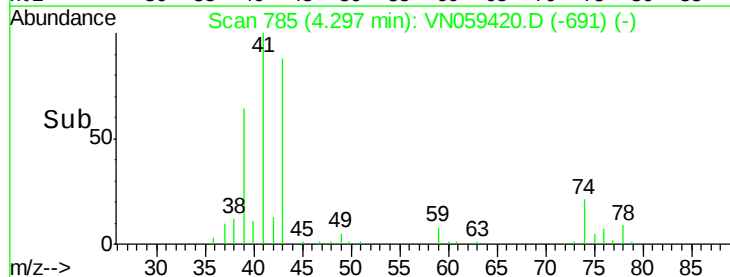
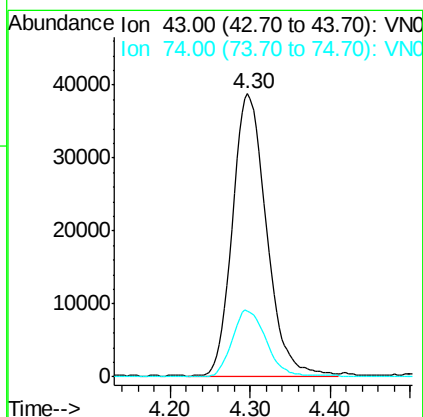
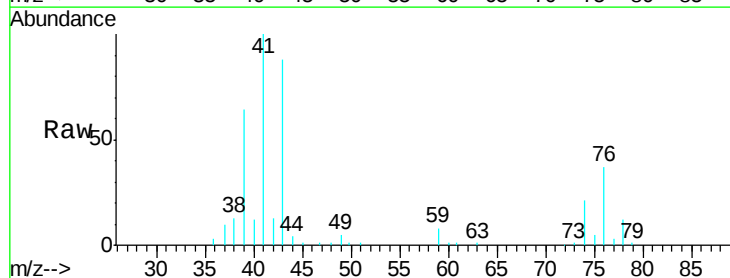
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

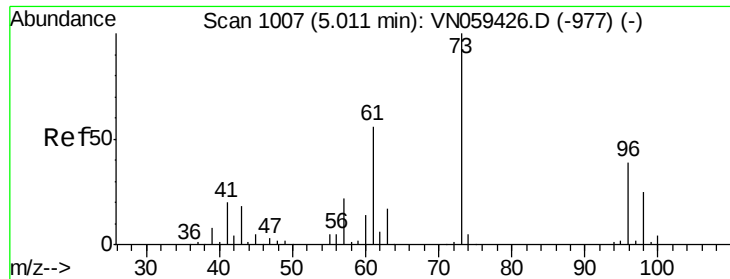
Tgt Ion: 76 Resp: 245855
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.719 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 43 Resp: 112564
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0

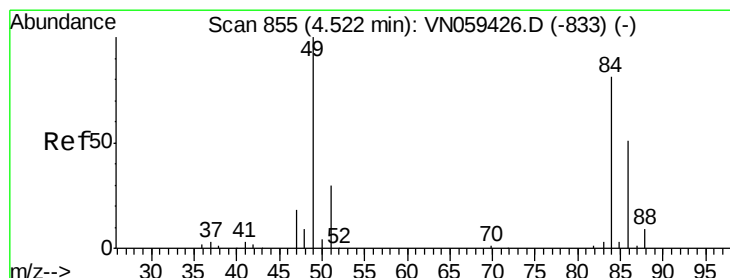
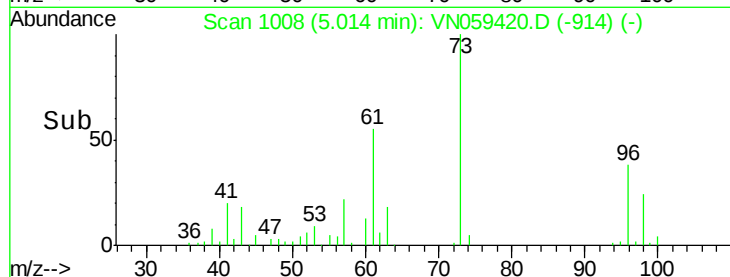
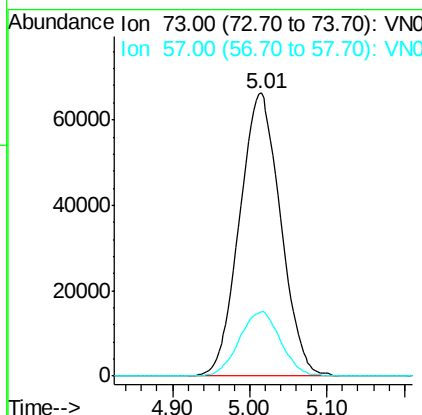
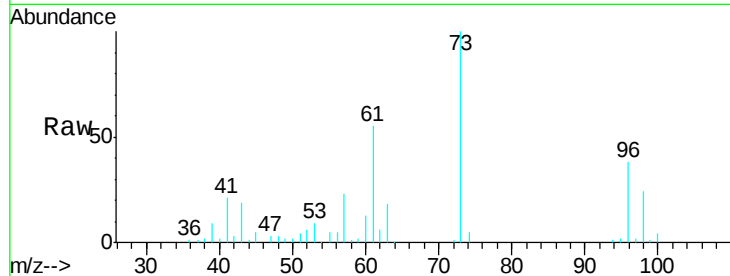




#19
Methyl tert-butyl Ether
Concen: 21.383 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

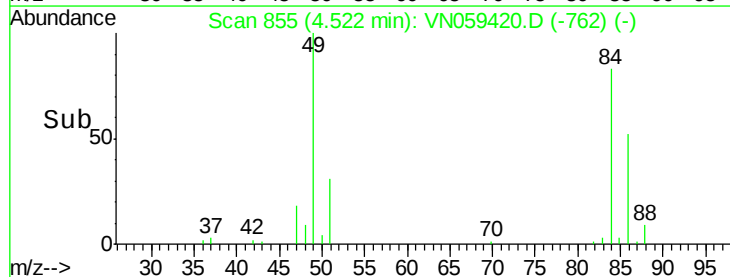
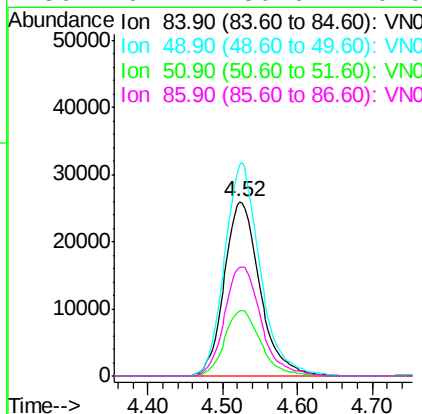
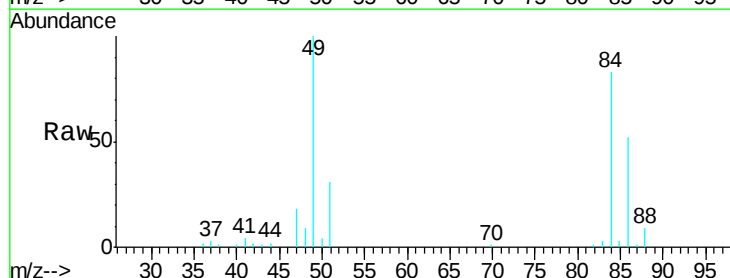
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

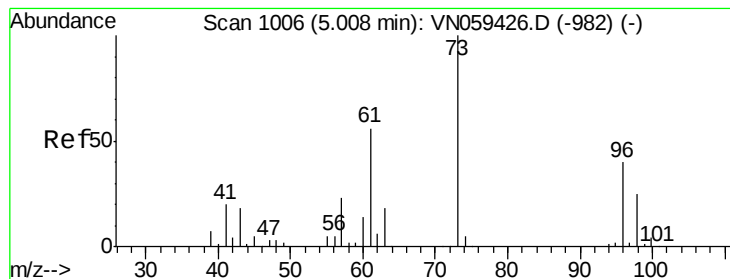
Tgt Ion: 73 Resp: 244497
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 21.168 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 84 Resp: 85810
Ion Ratio Lower Upper
84 100
49 120.7 98.6 148.0
51 37.4 29.4 44.0
86 62.4 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 21.214 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

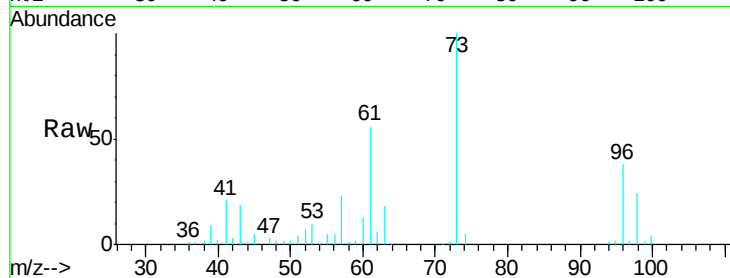
Tgt Ion: 96 Resp: 82010

Ion Ratio Lower Upper

96 100

61 145.7 114.0 171.0

98 62.5 50.5 75.7

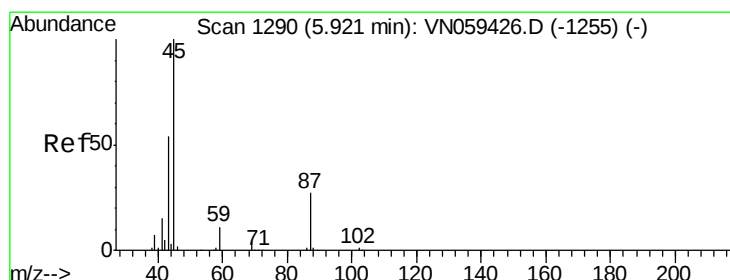
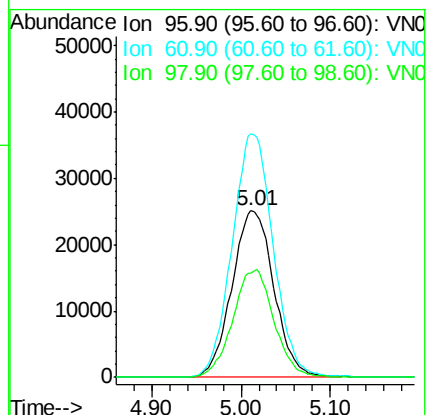
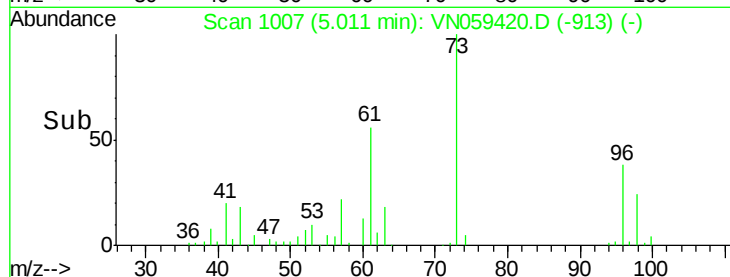


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.531 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Tgt Ion: 45 Resp: 263307

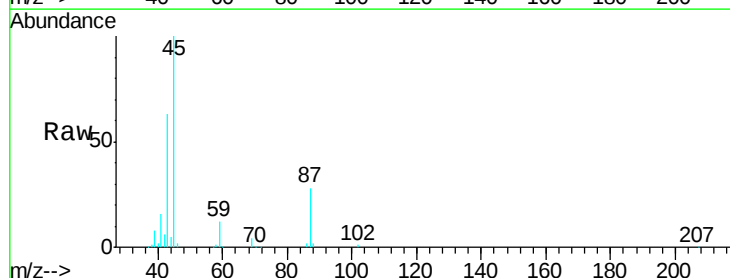
Ion Ratio Lower Upper

45 100

43 61.7 46.3 69.5

87 28.0 21.8 32.6

59 12.2 9.0 13.4



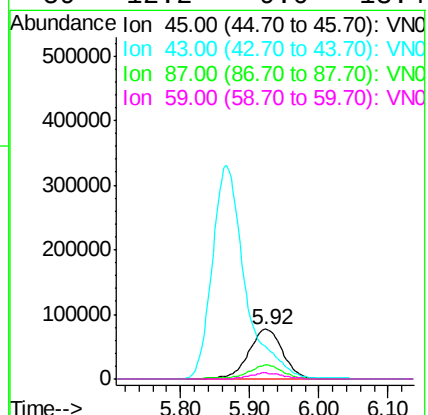
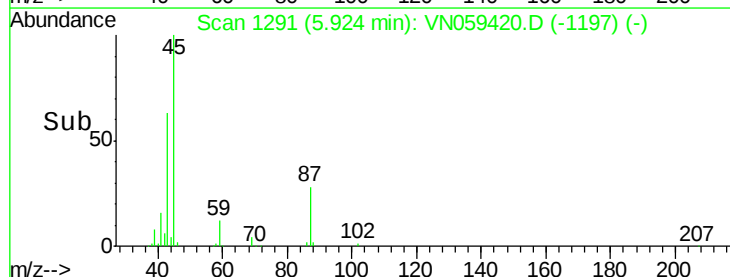
Abundance

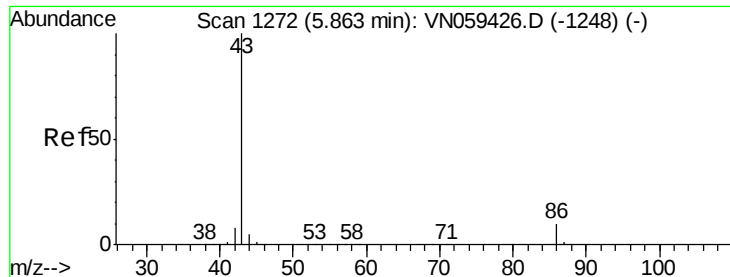
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

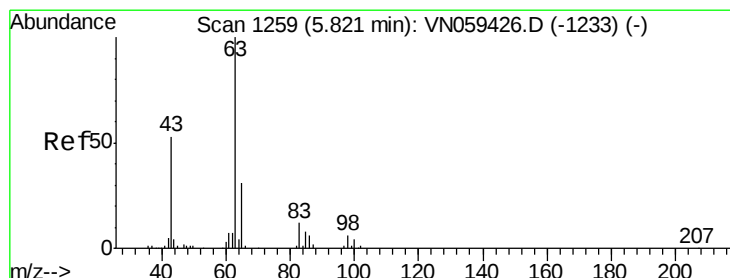
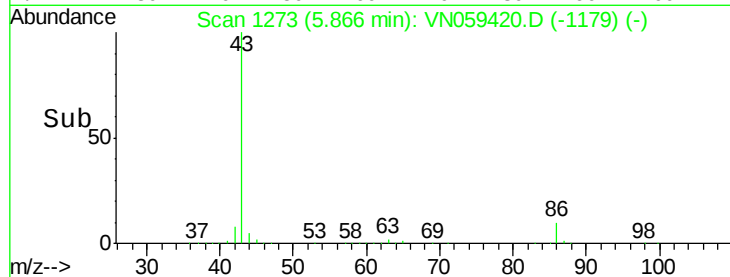
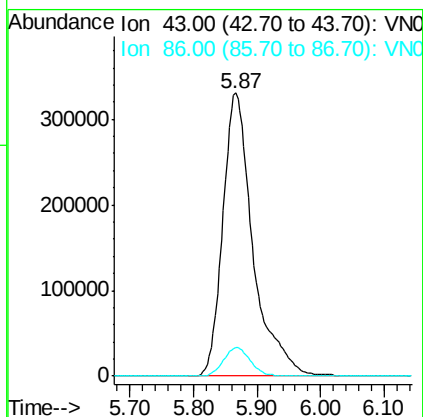
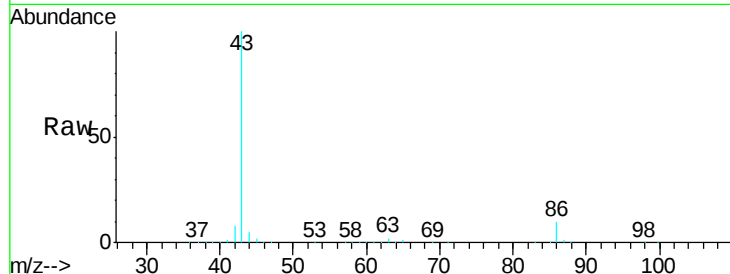




#23
 Vinyl Acetate
 Concen: 110.643 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

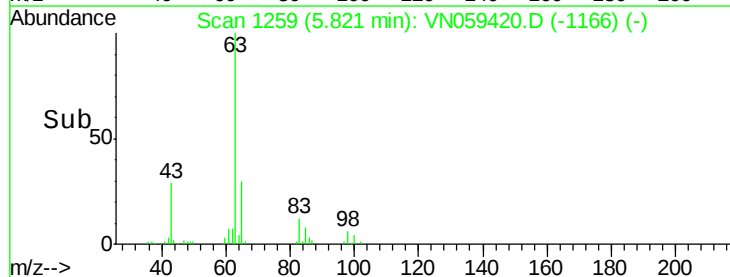
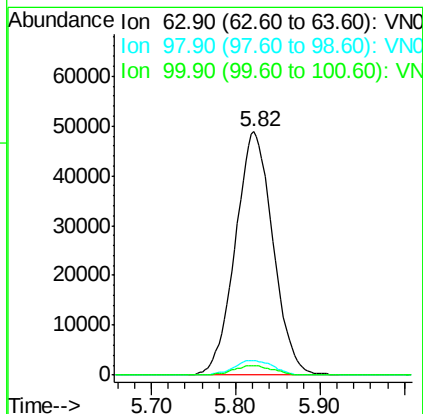
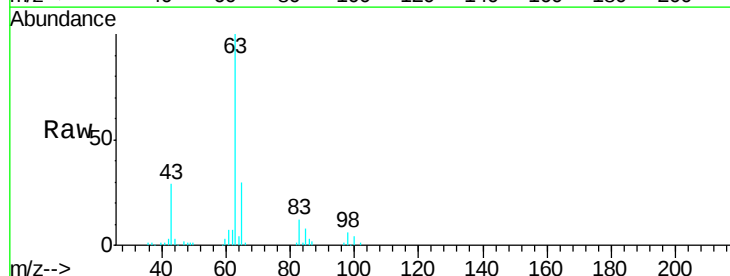
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

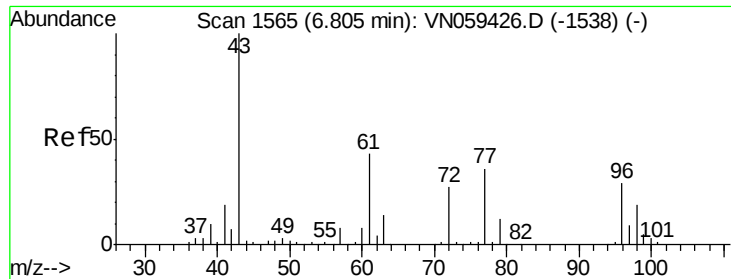
Tgt Ion: 43 Resp: 1091611
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 21.557 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 63 Resp: 151678
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.2 9.6
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 109.771 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

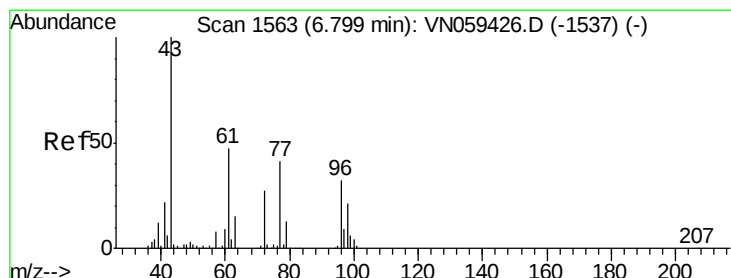
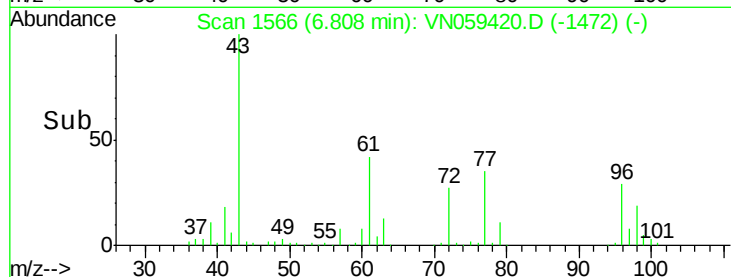
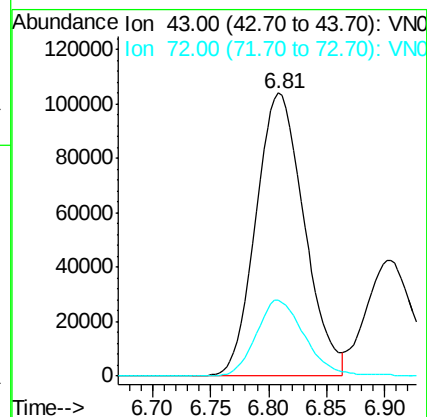
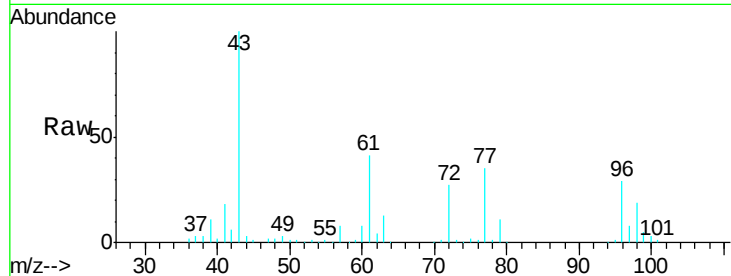
VSTDIC020

Tgt Ion: 43 Resp: 301268

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.288 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059420.D

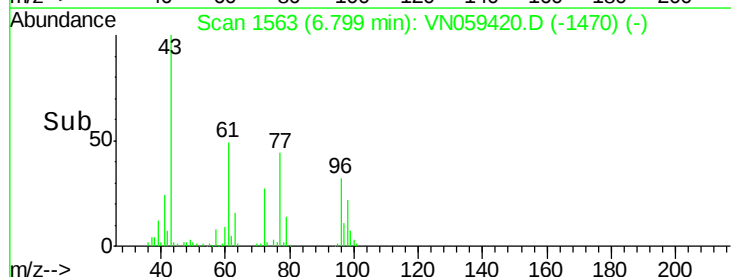
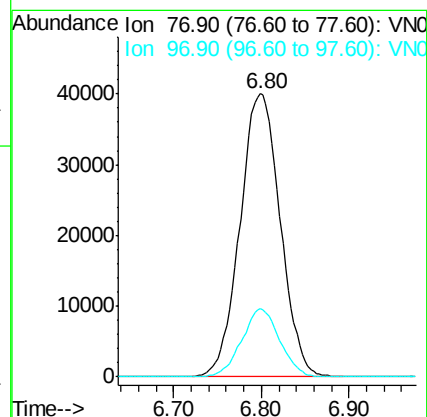
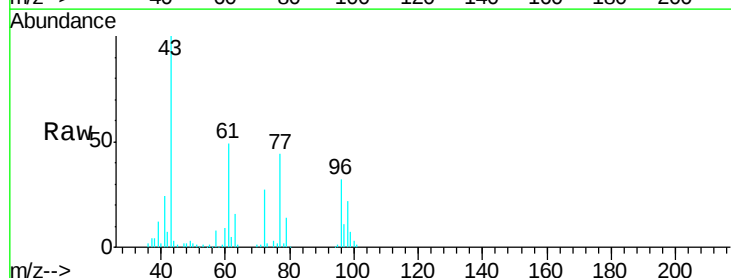
Acq: 27 Nov 2019 13:23

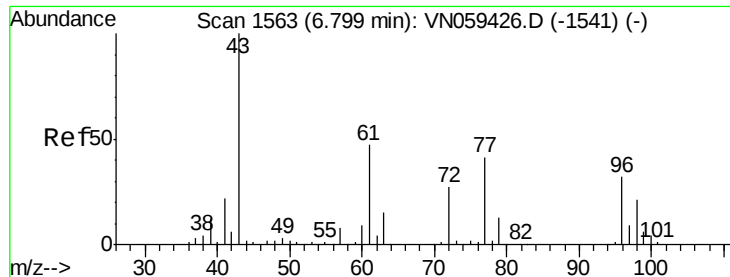
Tgt Ion: 77 Resp: 127474

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8

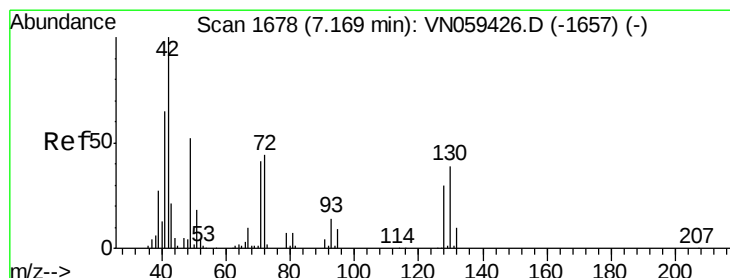
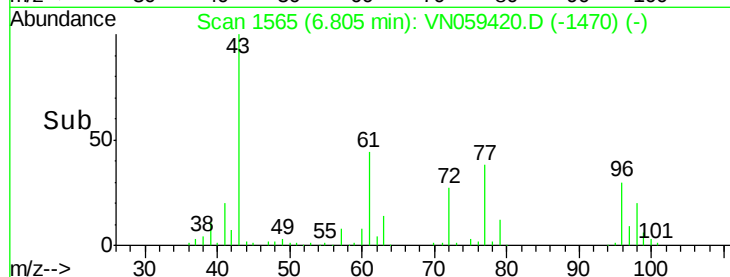
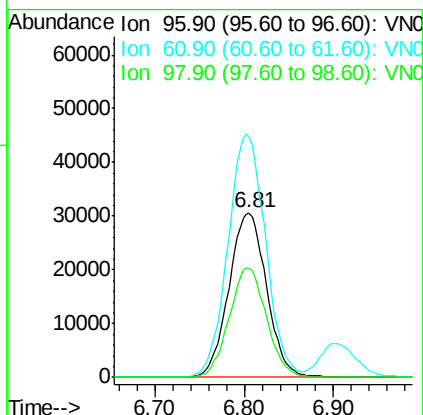
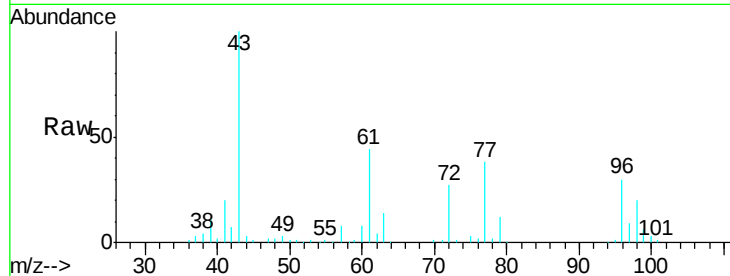




#27
 cis-1,2-Dichloroethene
 Concen: 21.237 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

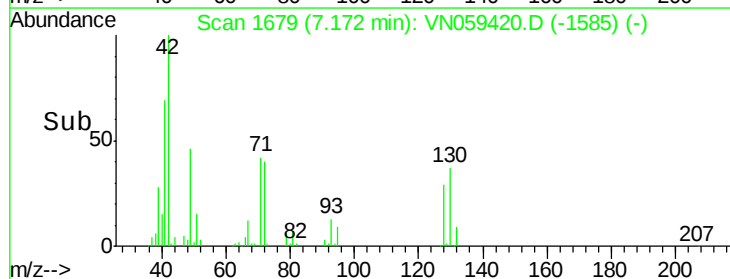
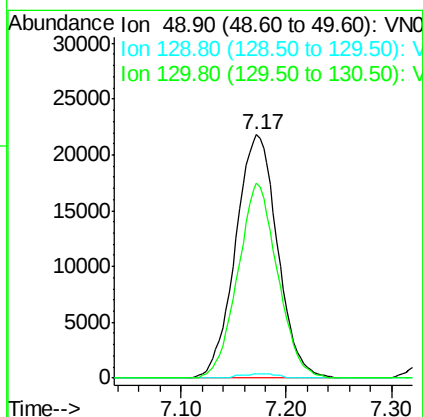
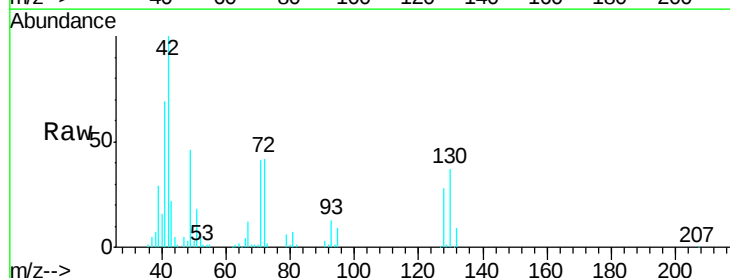
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

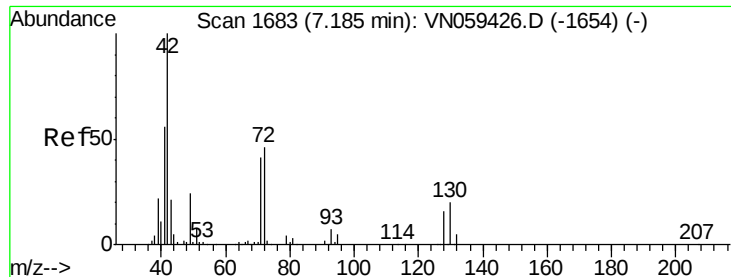
Tgt Ion: 96 Resp: 89793
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 297.6
 98 65.7 0.0 130.8



#28
 Bromochloromethane
 Concen: 24.742 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 49 Resp: 60152
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 75.9 60.5 90.7

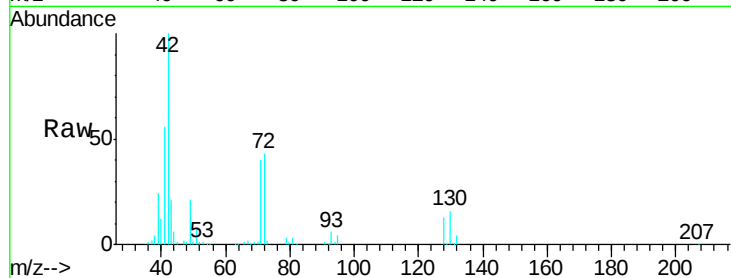




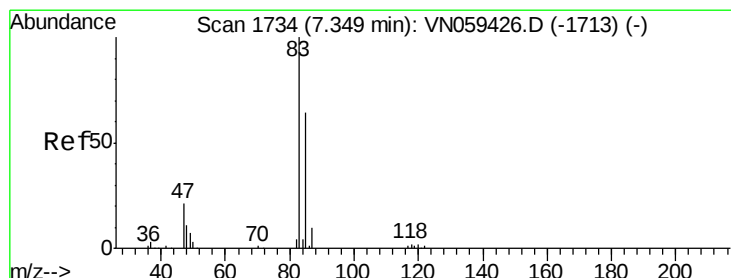
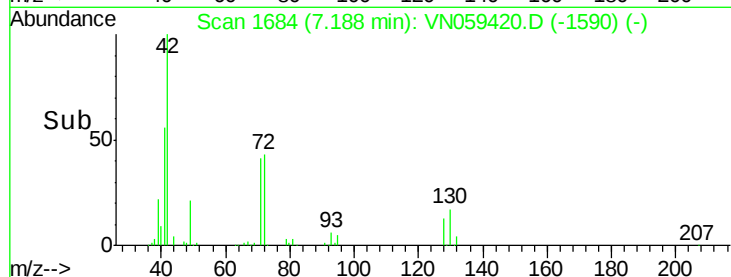
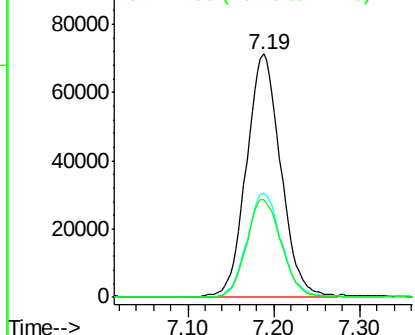
#29
Tetrahydrofuran
Concen: 108.891 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 198761
Ion Ratio Lower Upper
42 100
72 43.0 34.6 51.8
71 40.6 33.0 49.6

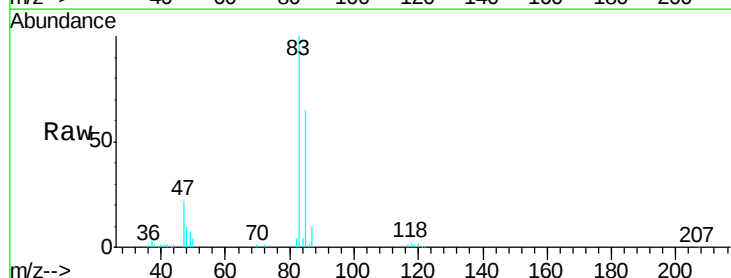


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

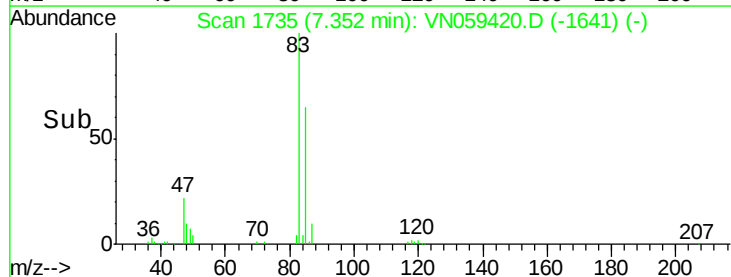
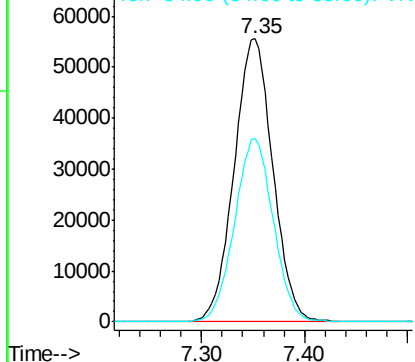


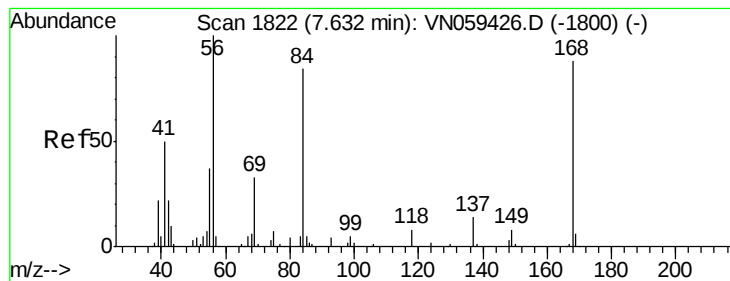
#30
Chloroform
Concen: 20.523 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 83 Resp: 145311
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4



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





#31

Cyclohexane

Concen: 20.479 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

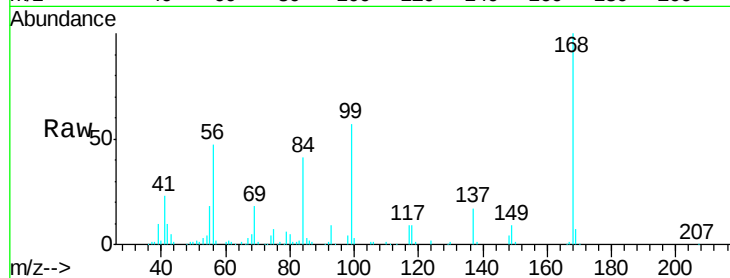
Tgt Ion: 56 Resp: 144449

Ion Ratio Lower Upper

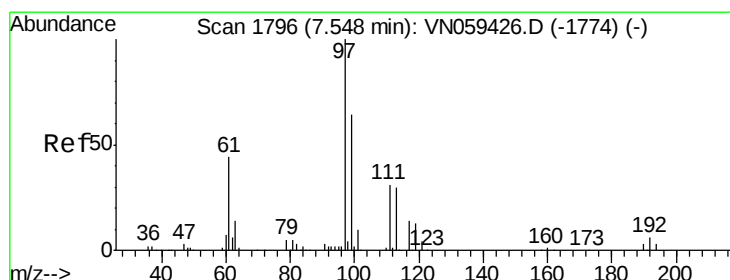
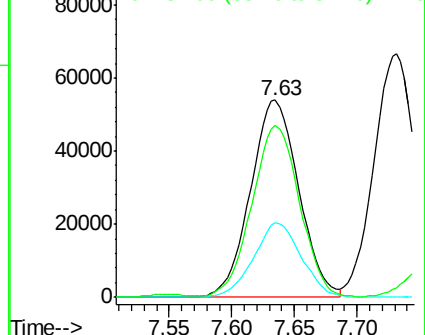
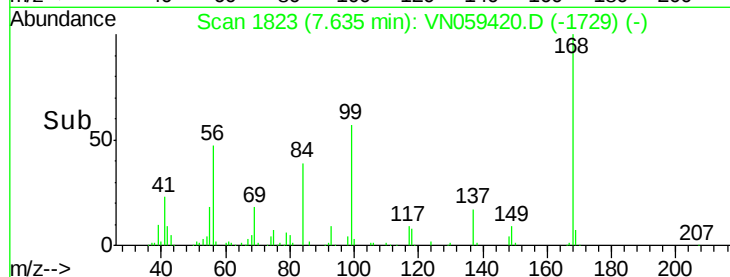
56 100

69 38.0 26.4 39.6

84 86.1 67.0 100.6



Abundance Ion 56.00 (55.70 to 56.70): VN059420.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 21.355 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

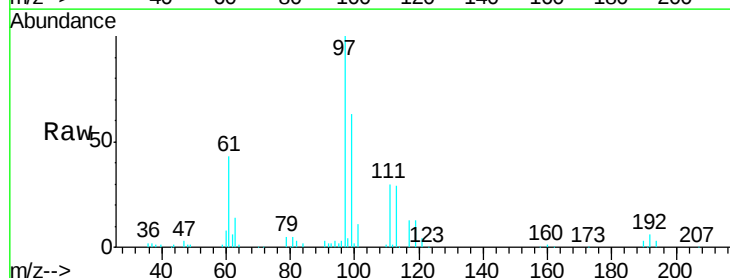
Tgt Ion: 97 Resp: 123651

Ion Ratio Lower Upper

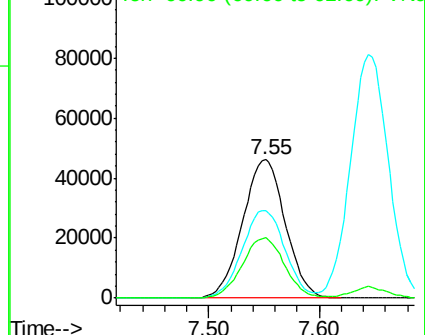
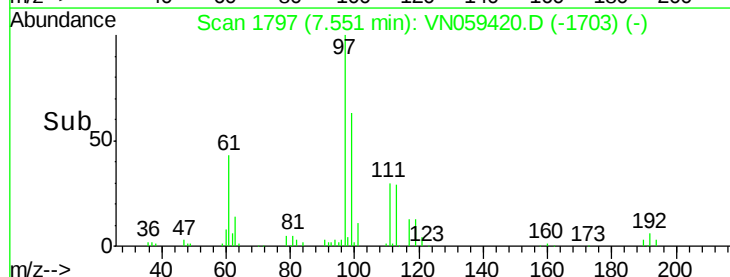
97 100

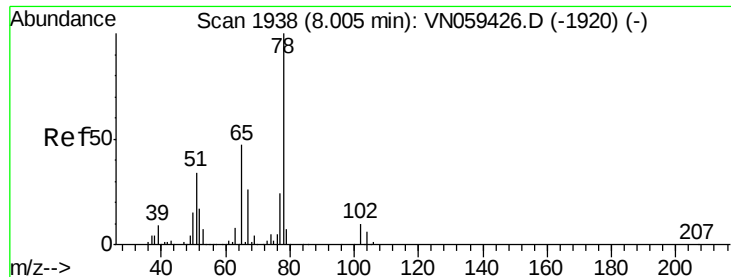
99 63.7 50.9 76.3

61 43.5 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VN059420.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 19.643 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

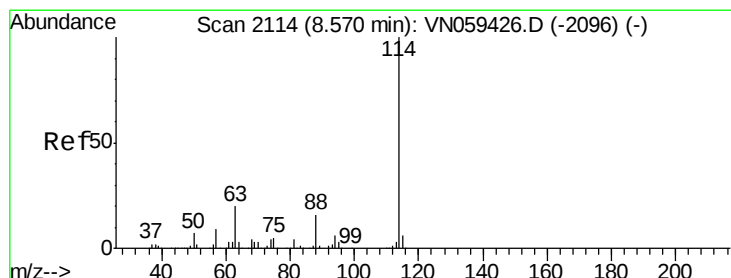
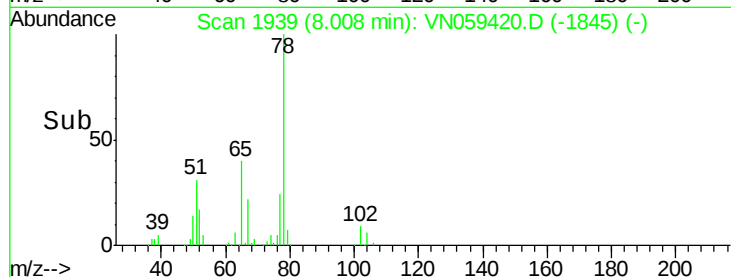
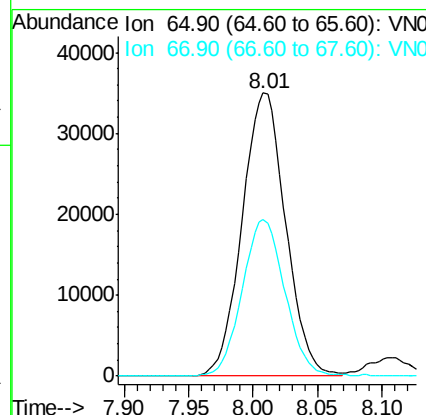
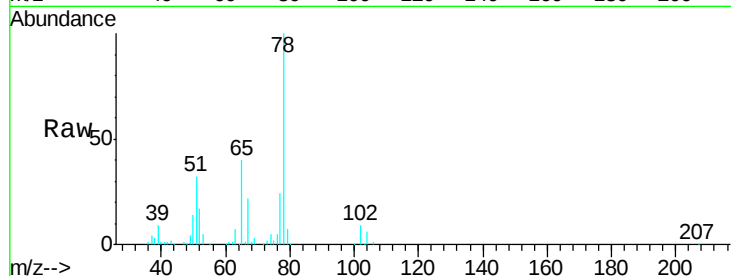
VSTDIC020

Tgt Ion: 65 Resp: 82258

Ion Ratio Lower Upper

65 100

67 54.3 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

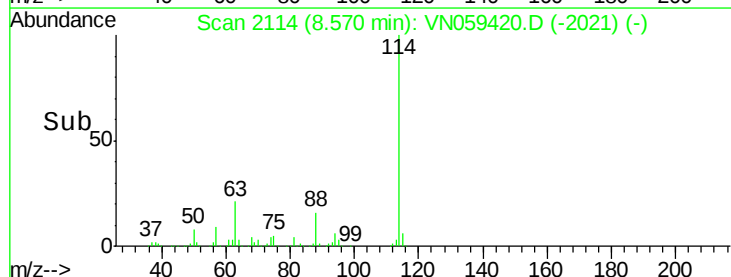
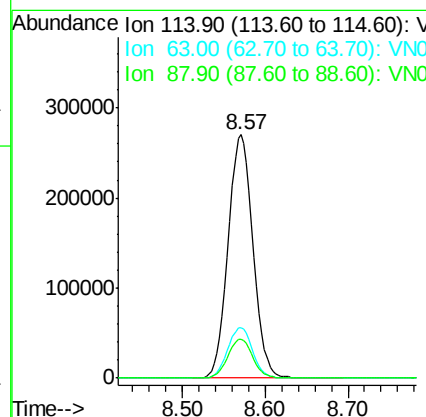
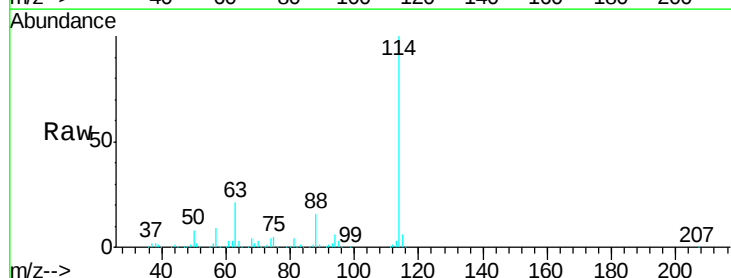
Tgt Ion: 114 Resp: 561588

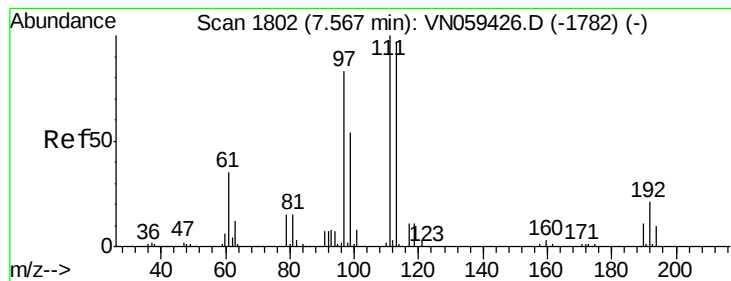
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 19.174 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

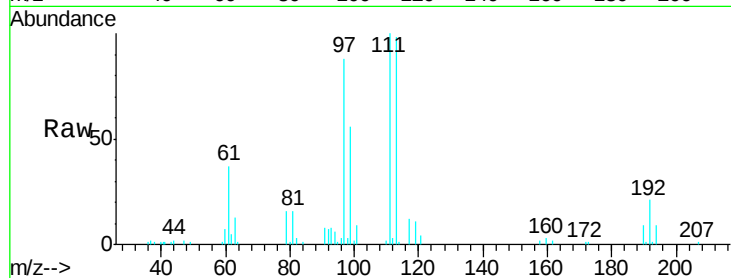
Tgt Ion:113 Resp: 65588

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

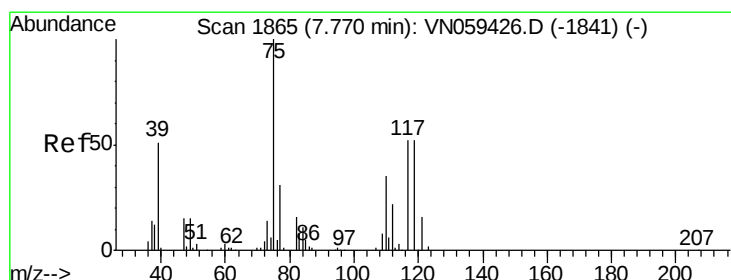
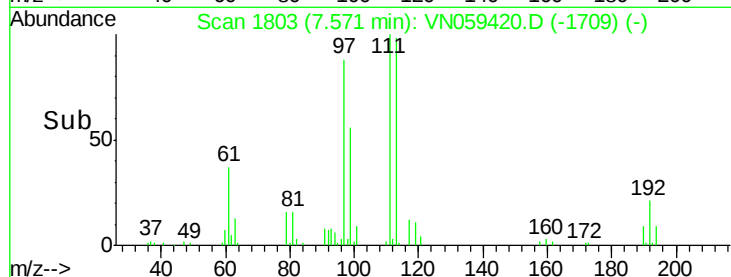
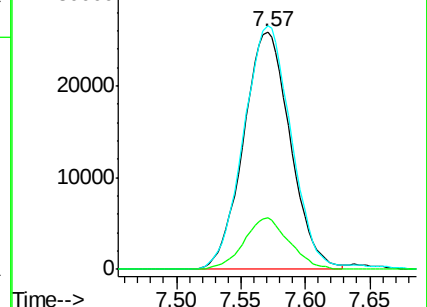
192 20.9 16.6 24.8



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: 20.707 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

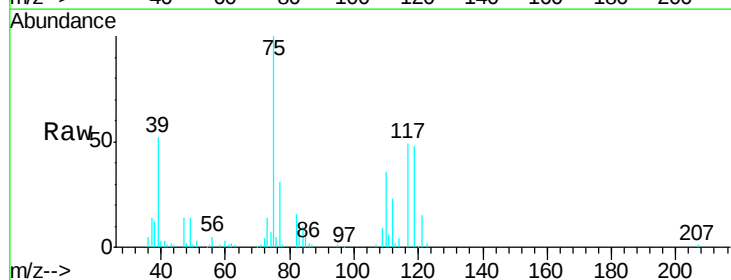
Tgt Ion: 75 Resp: 111826

Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

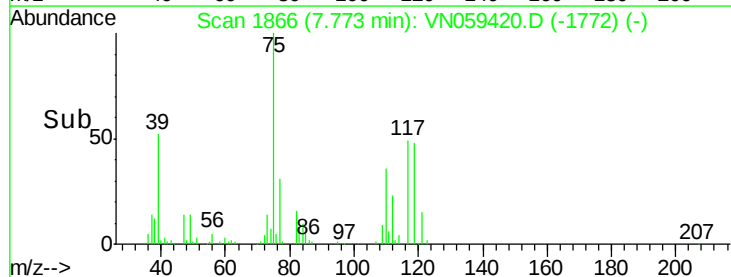
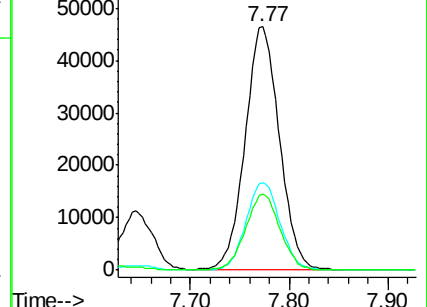
77 31.3 24.9 37.3

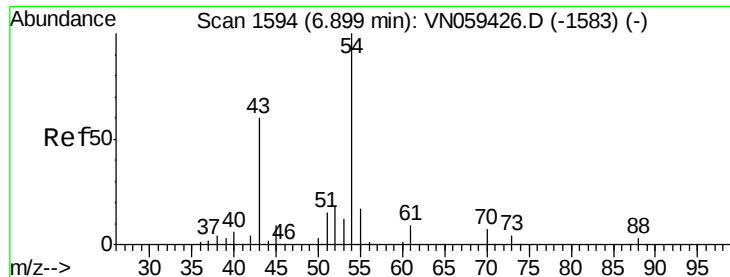


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

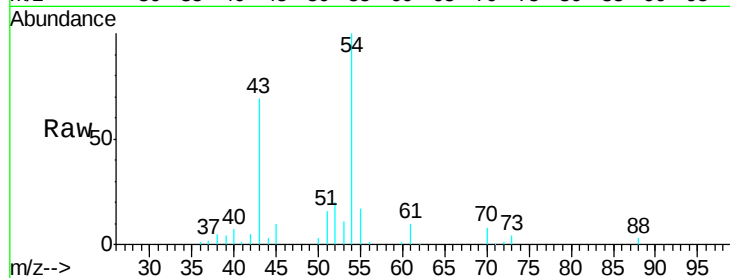




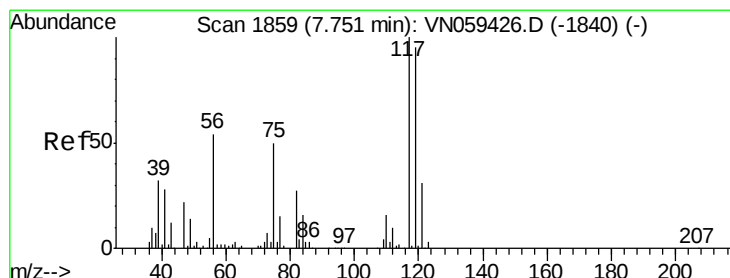
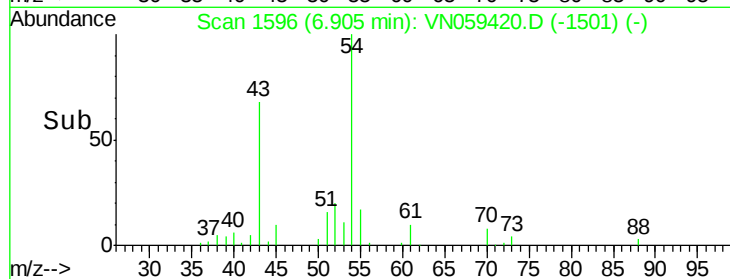
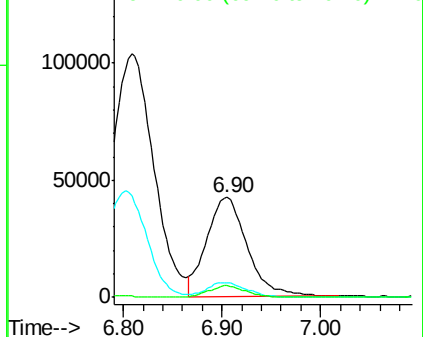
#37
Ethyl Acetate
Concen: 21.264 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 121496
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 11.0 8.8 13.2

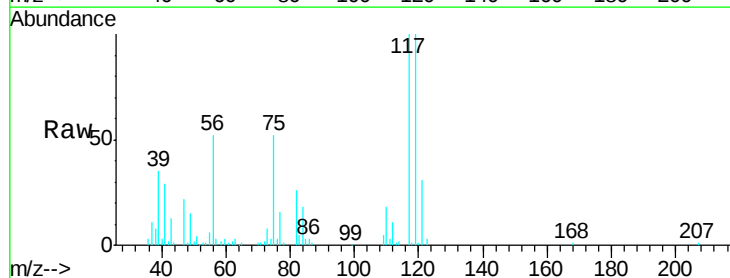


Abundance Ion 43.00 (42.70 to 43.70): VN059420.D (-1501) (-)
Ion 60.90 (60.60 to 61.60): VN059420.D (-1501) (-)
Ion 70.00 (69.70 to 70.70): VN059420.D (-1501) (-)

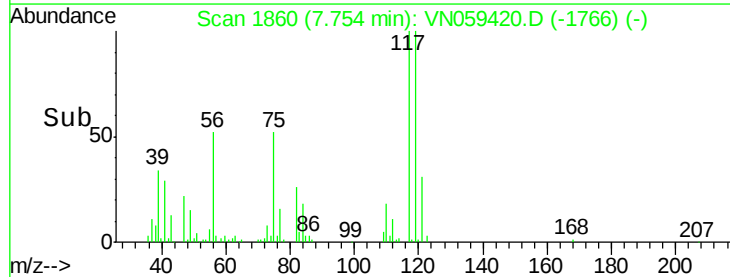
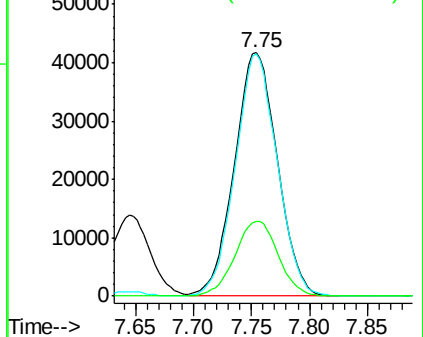


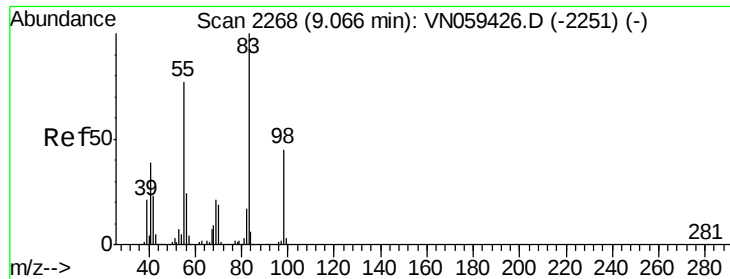
#38
Carbon Tetrachloride
Concen: 21.107 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 117 Resp: 107577
Ion Ratio Lower Upper
117 100
119 99.6 75.9 113.9
121 30.8 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): VN059420.D (-1766) (-)
Ion 118.80 (118.50 to 119.50): VN059420.D (-1766) (-)
Ion 120.80 (120.50 to 121.50): VN059420.D (-1766) (-)

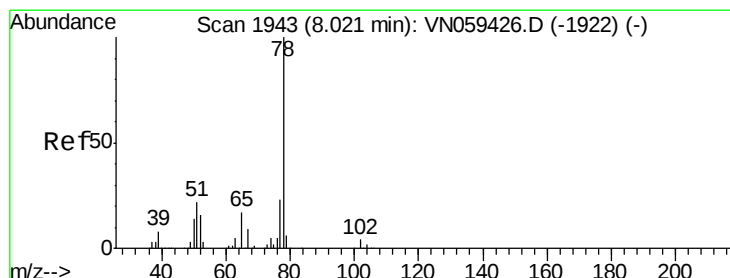
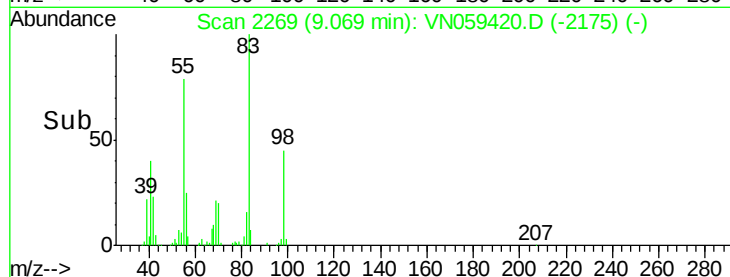
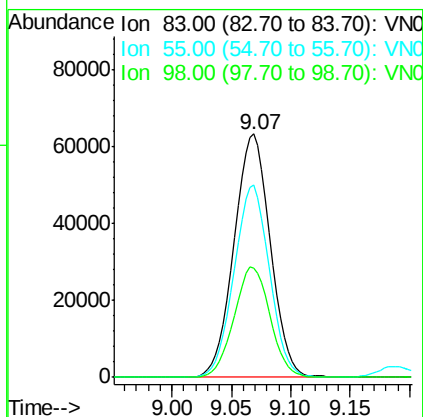
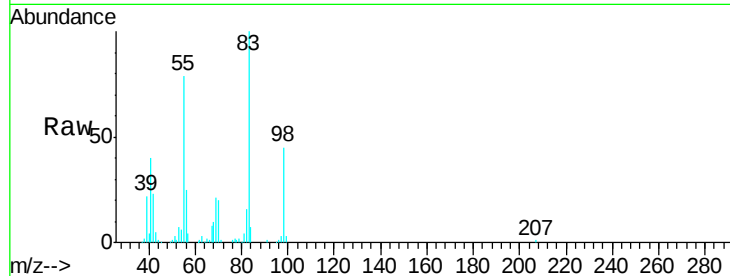




#39
Methylcyclohexane
Concen: 20.757 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

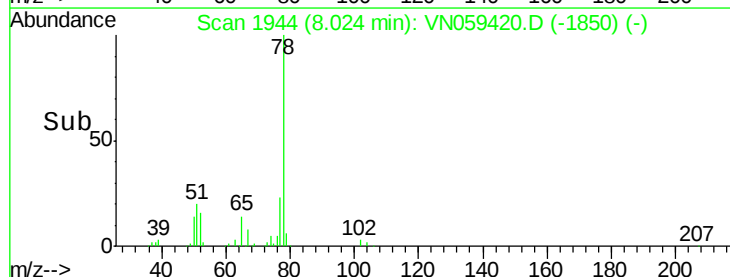
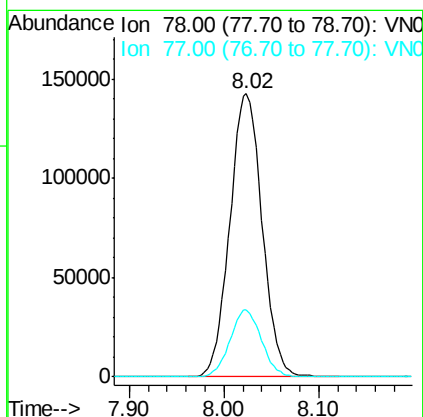
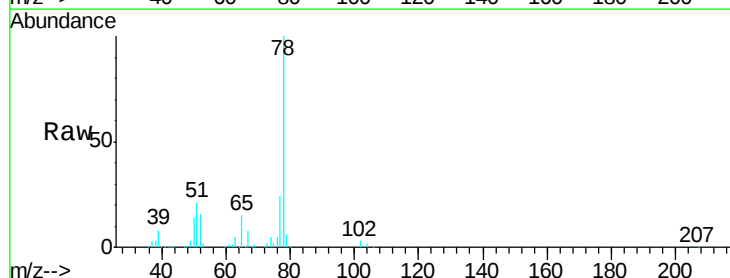
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

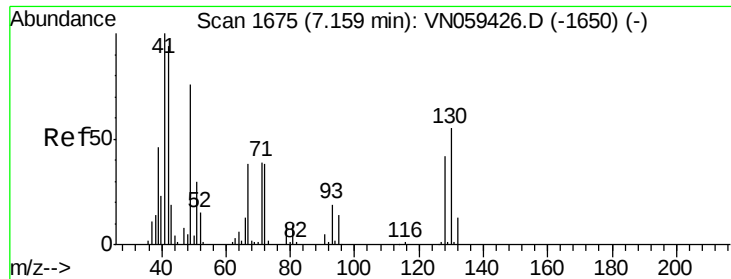
Tgt Ion: 83 Resp: 134110
Ion Ratio Lower Upper
83 100
55 78.8 61.6 92.4
98 44.8 35.7 53.5



#40
Benzene
Concen: 21.109 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 78 Resp: 338487
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

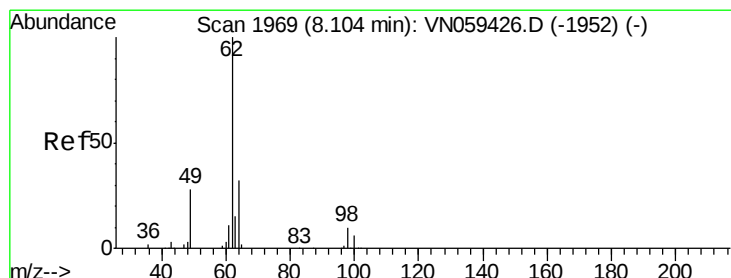
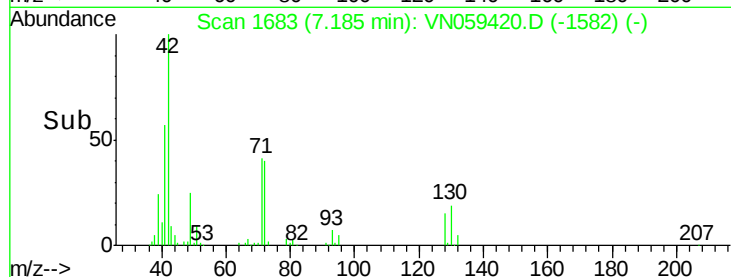
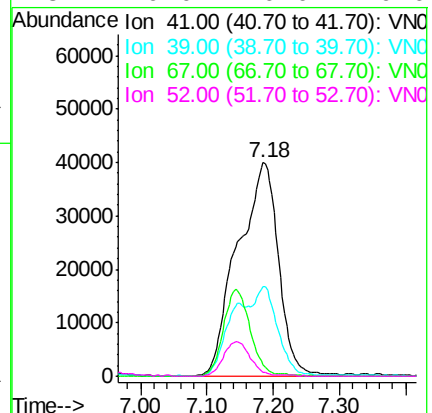
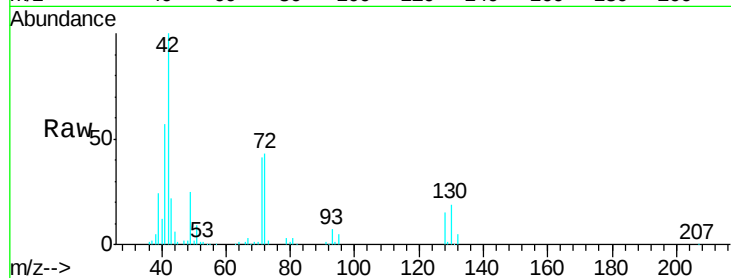




#41
Methacrylonitrile
Concen: 63.563 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

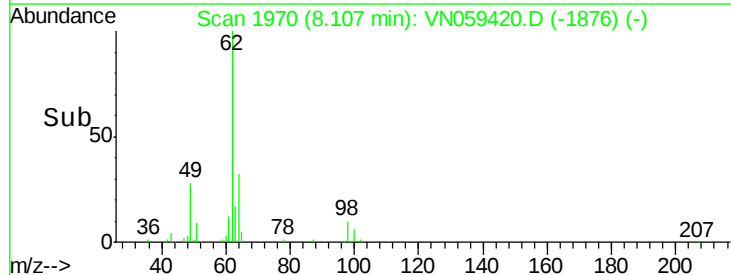
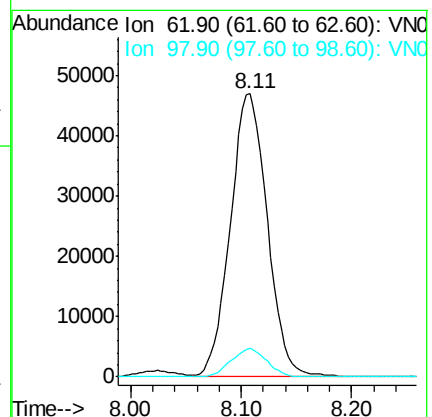
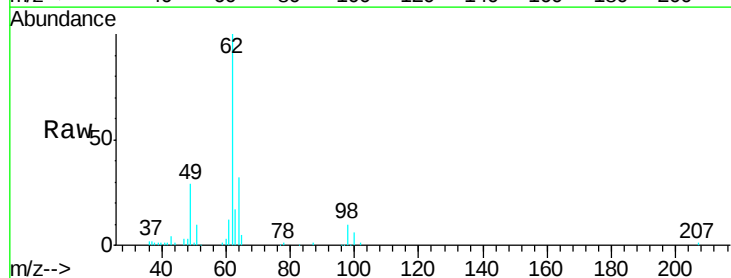
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

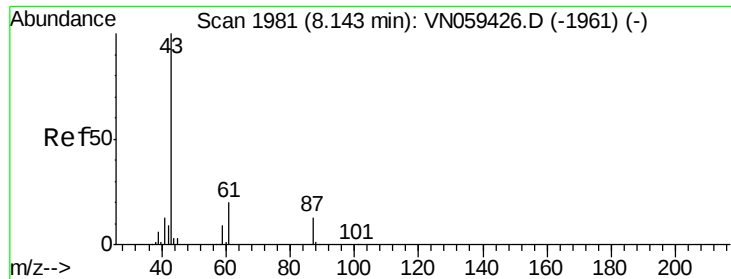
Tgt Ion:	41	Resp:	171479
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.296 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion:	62	Resp:	108278
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0

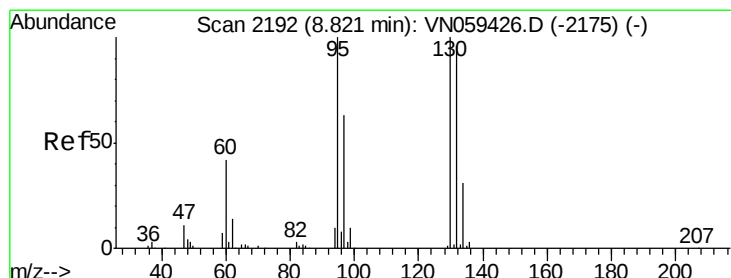
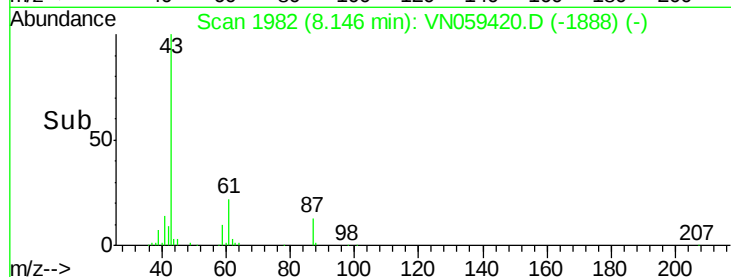
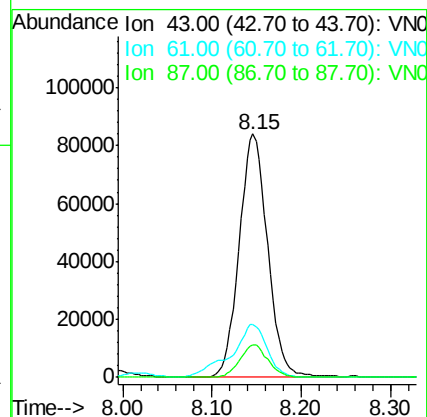
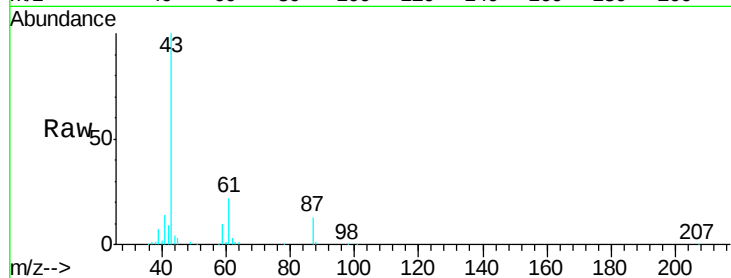




#43
Isopropyl Acetate
Concen: 21.360 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

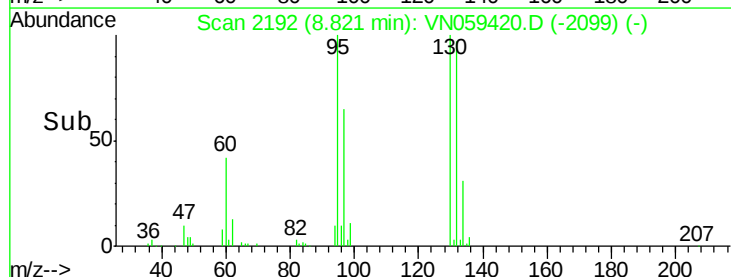
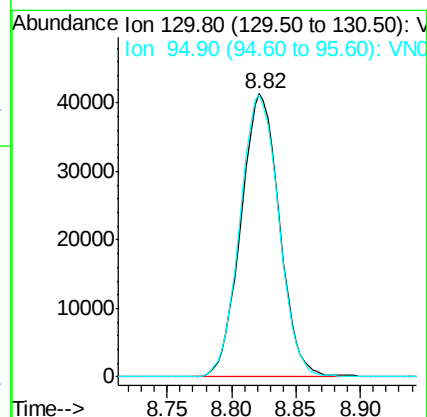
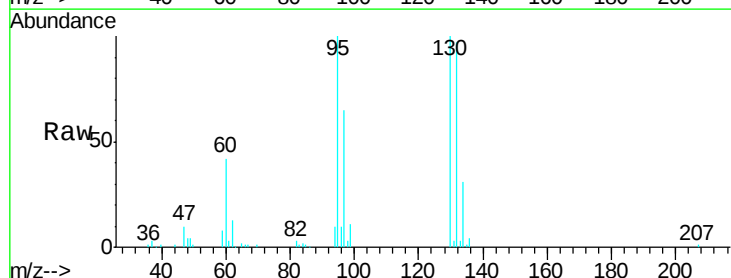
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

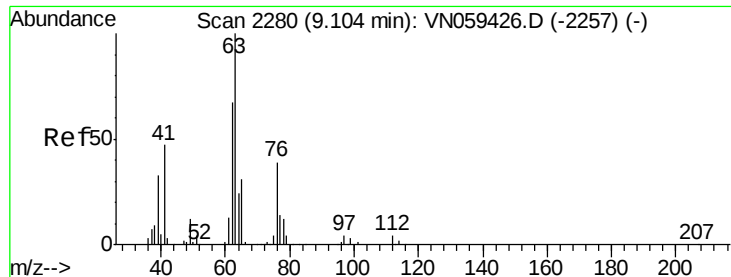
Tgt Ion: 43 Resp: 185405
Ion Ratio Lower Upper
43 100
61 27.4 22.2 33.2
87 13.2 10.7 16.1



#44
Trichloroethene
Concen: 21.052 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 130 Resp: 86072
Ion Ratio Lower Upper
130 100
95 99.8 0.0 199.6

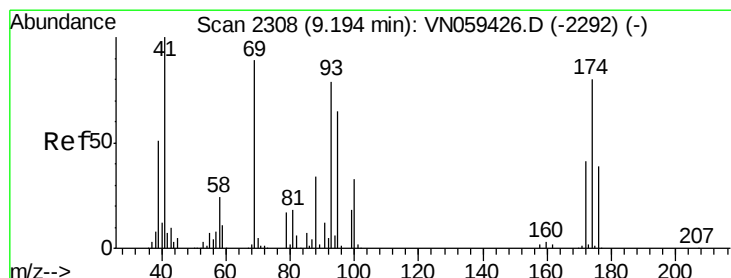
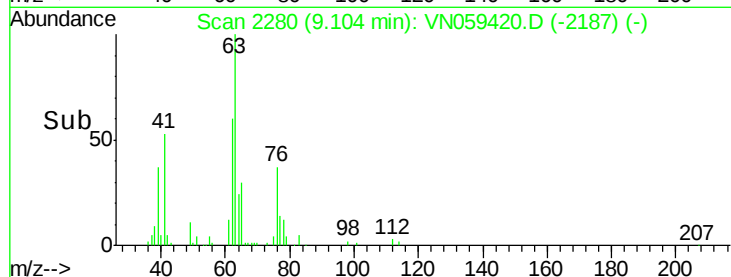
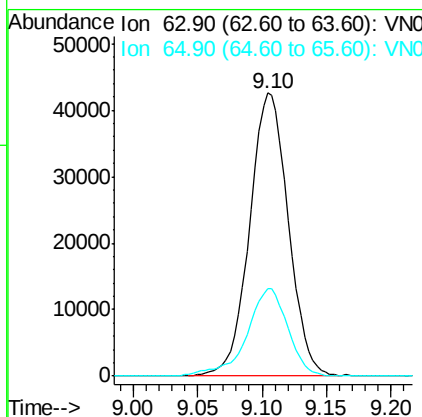
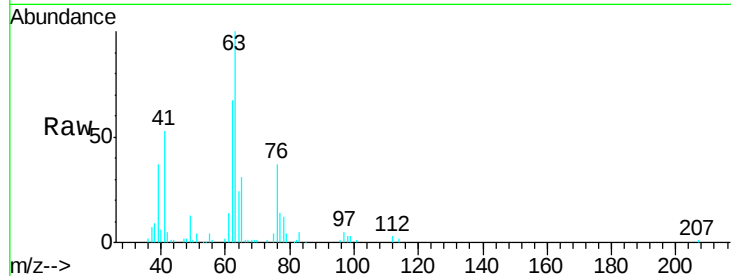




#45
 1,2-Dichloropropane
 Concen: 21.237 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

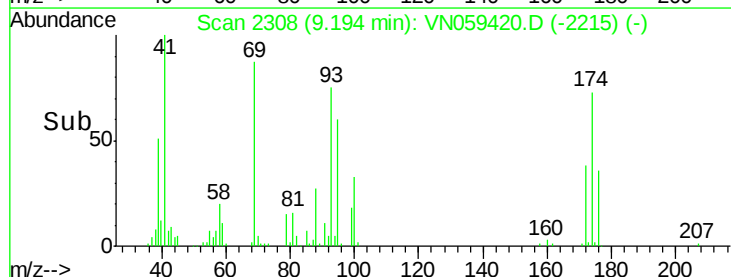
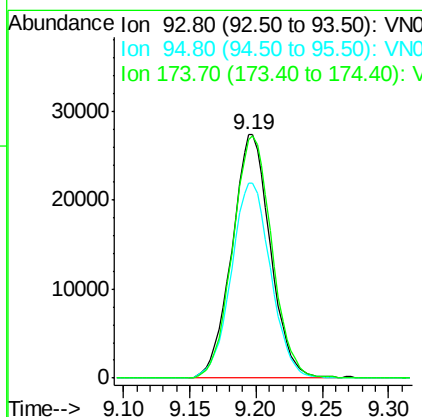
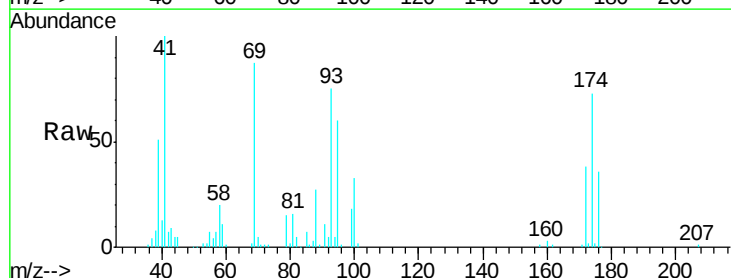
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

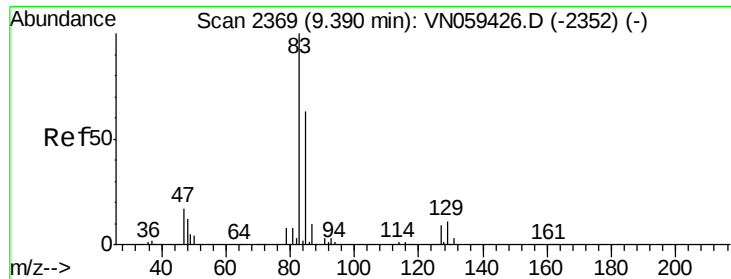
Tgt Ion: 63 Resp: 89071
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 21.305 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 93 Resp: 55143
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.2 99.4
 174 101.1 81.8 122.8

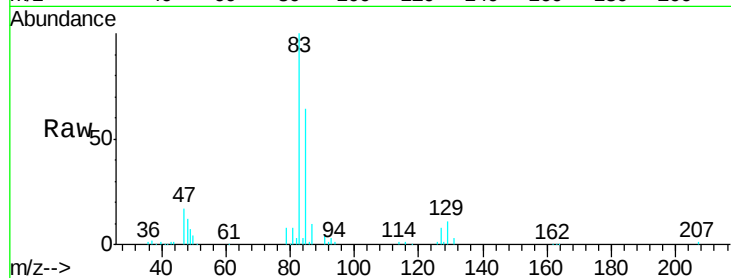




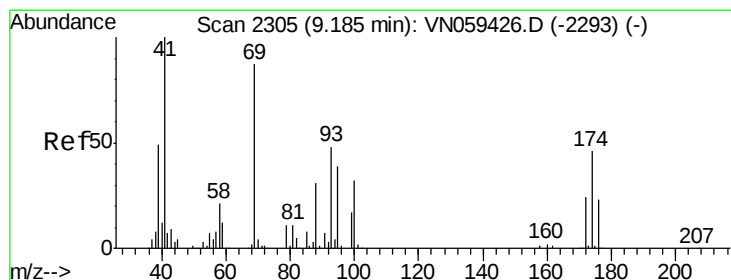
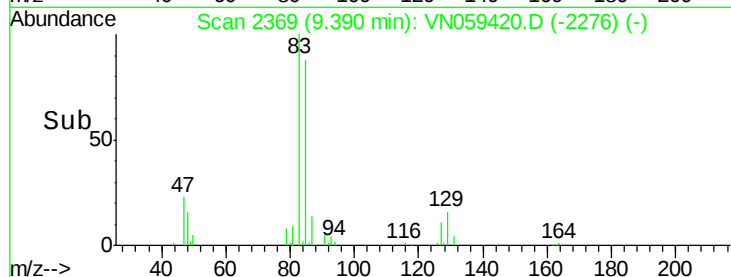
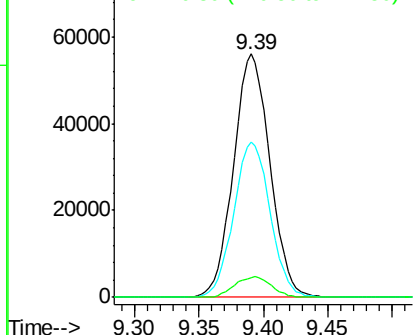
#47
Bromodichloromethane
Concen: 20.982 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 109841
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8
127 8.3 6.8 10.2

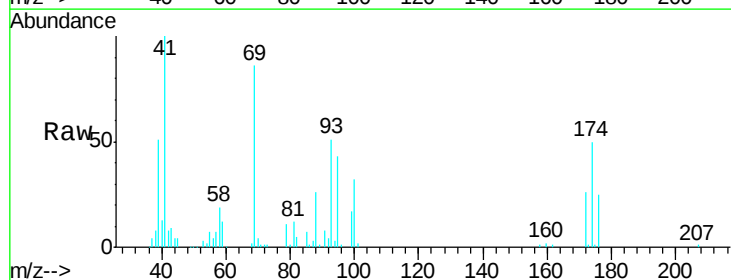


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

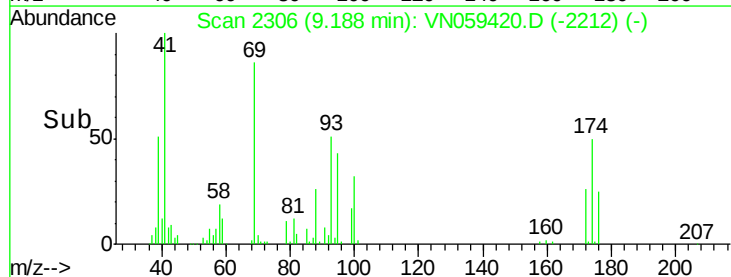
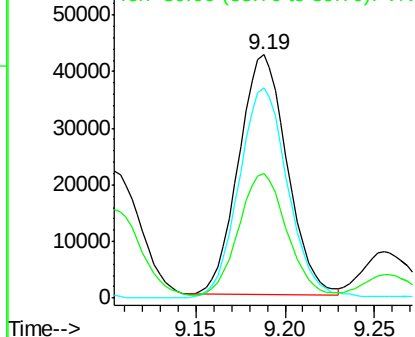


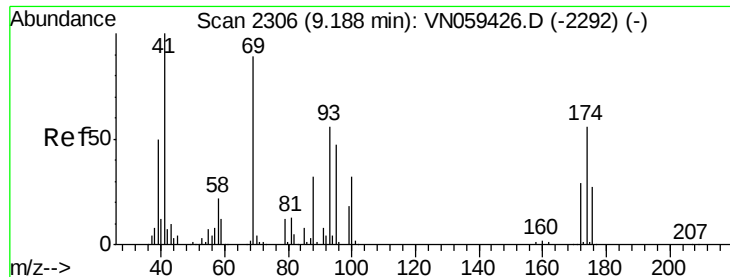
#48
Methyl methacrylate
Concen: 20.922 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 41 Resp: 80572
Ion Ratio Lower Upper
41 100
69 88.4 71.6 107.4
39 52.3 41.3 61.9



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

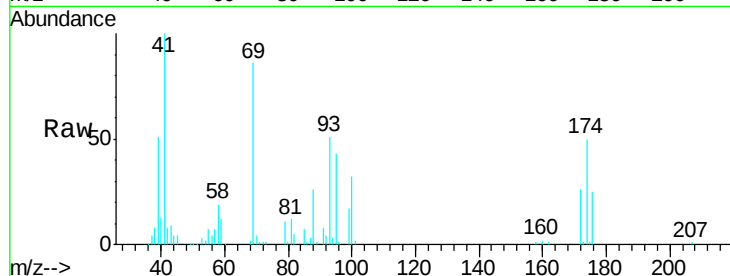




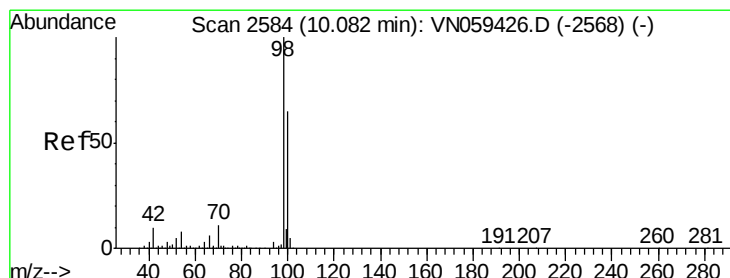
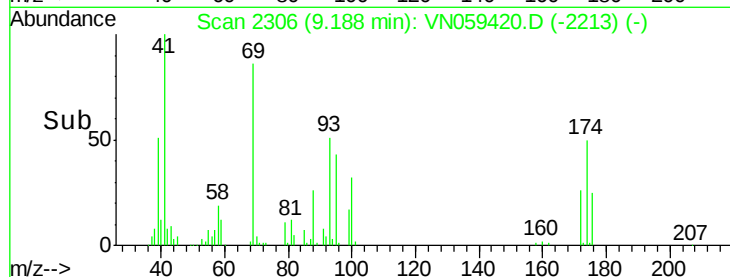
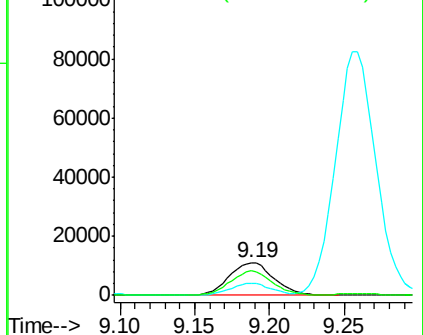
#49
1,4-Dioxane
Concen: 406.193 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tgt Ion: 88 Resp: 22846
Ion Ratio Lower Upper
88 100
43 33.7 23.7 35.5
58 70.9 56.3 84.5

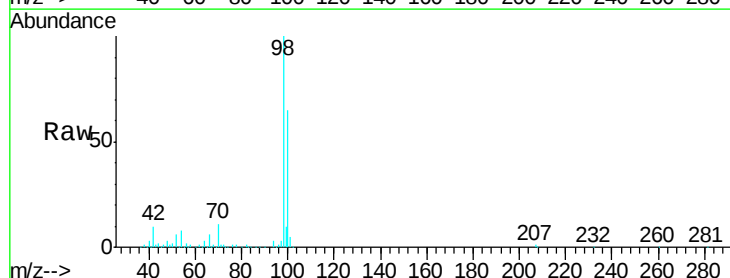


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

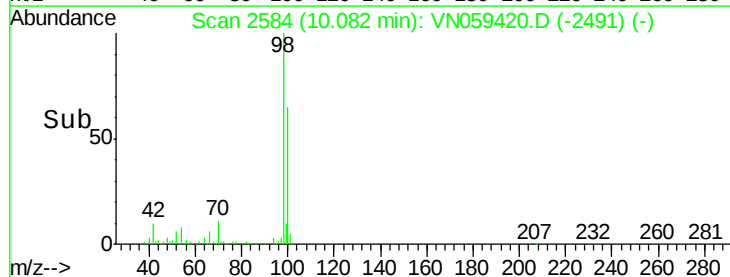
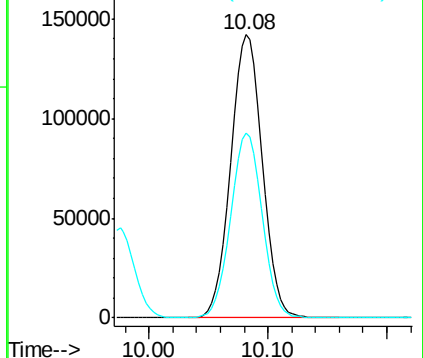


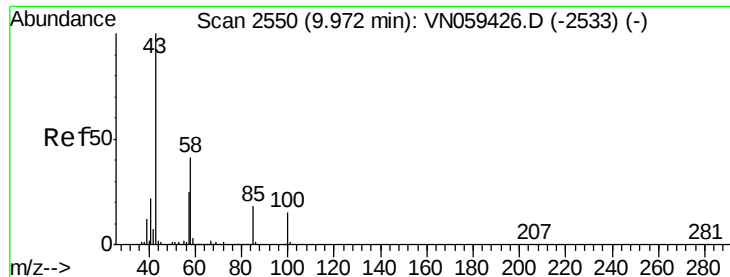
#50
Toluene-d8
Concen: 19.181 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 98 Resp: 261434
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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

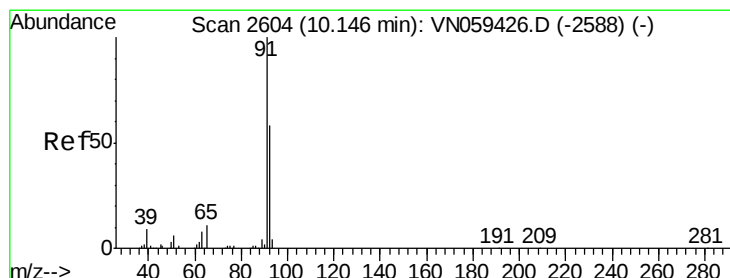
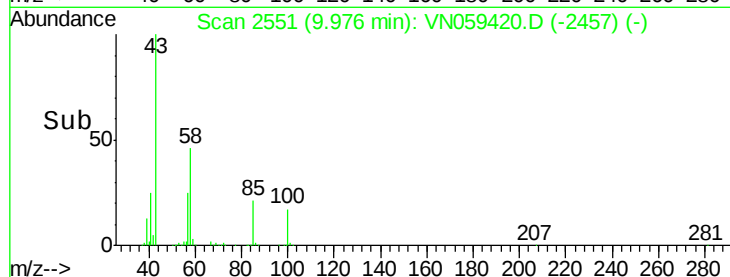
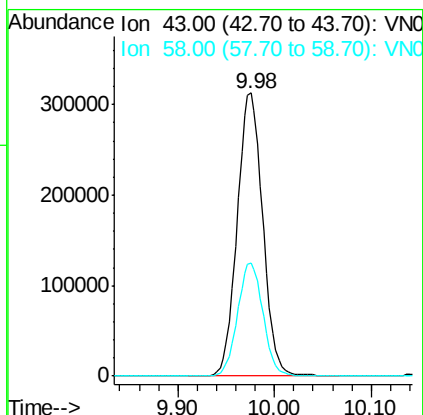
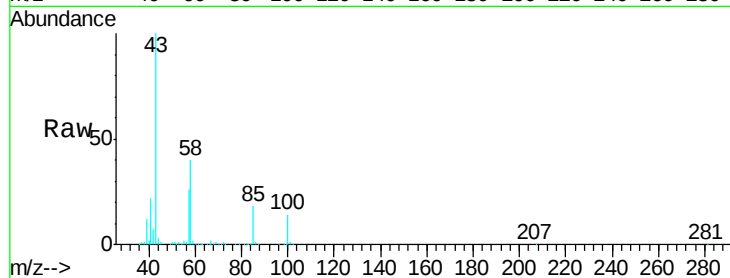




#51
 4-Methyl-2-Pentanone
 Concen: 113.579 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

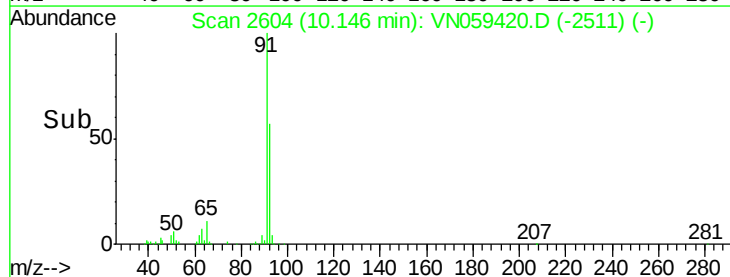
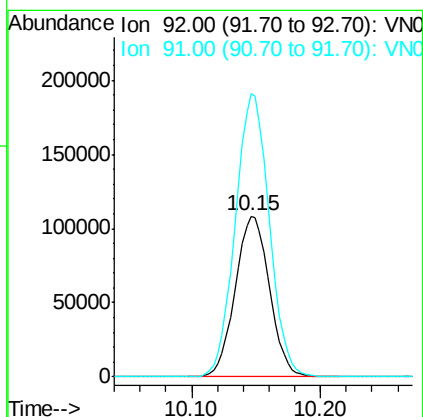
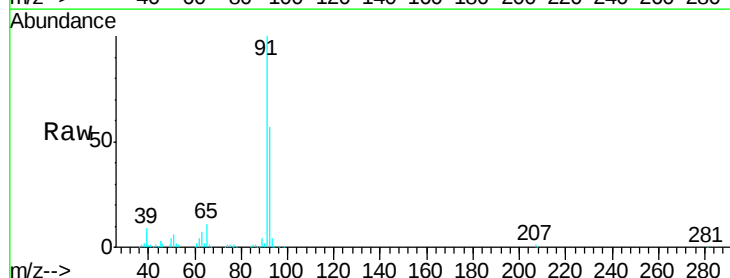
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

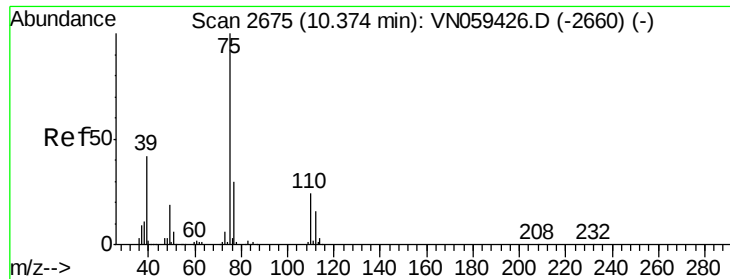
Tgt Ion: 43 Resp: 571853
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.5 48.7



#52
 Toluene
 Concen: 20.865 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 92 Resp: 199880
 Ion Ratio Lower Upper
 92 100
 91 175.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 21.102 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

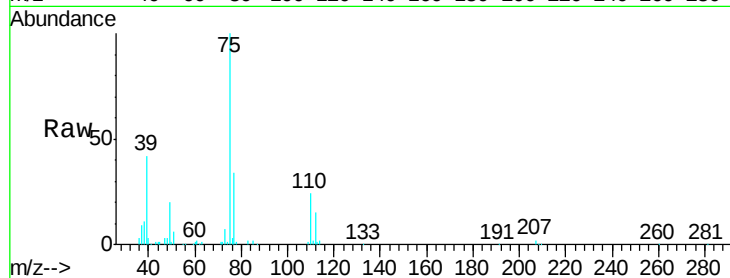
VSTDIC020

Tgt Ion: 75 Resp: 126933

Ion Ratio Lower Upper

75 100

77 32.7 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

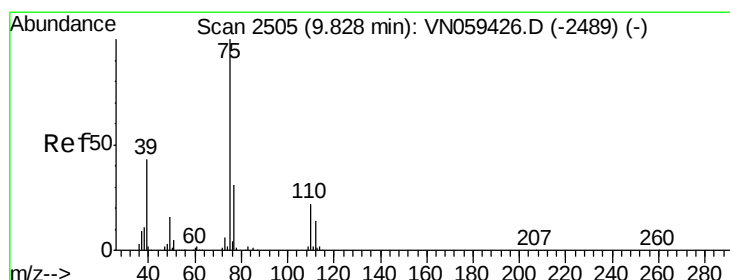
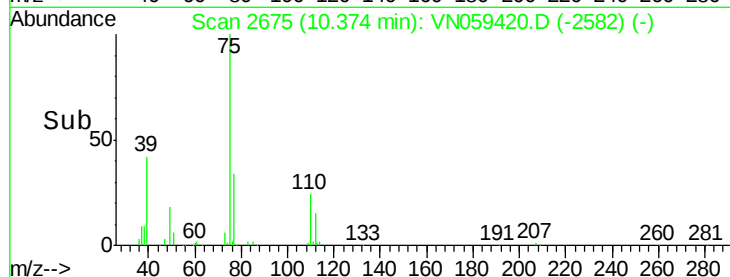
40000

20000

0

10.30 10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 21.236 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

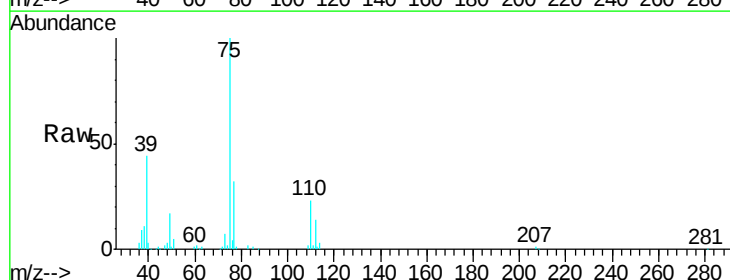
Tgt Ion: 75 Resp: 137896

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 44.3 34.0 51.0



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

100000

80000

60000

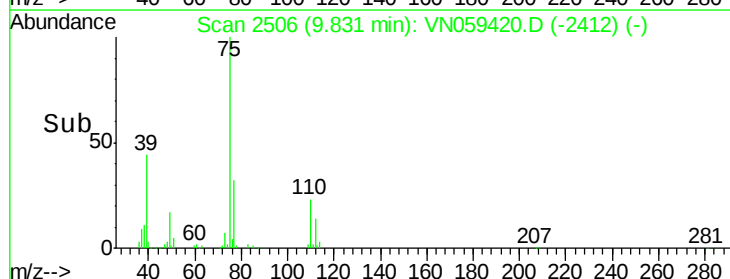
40000

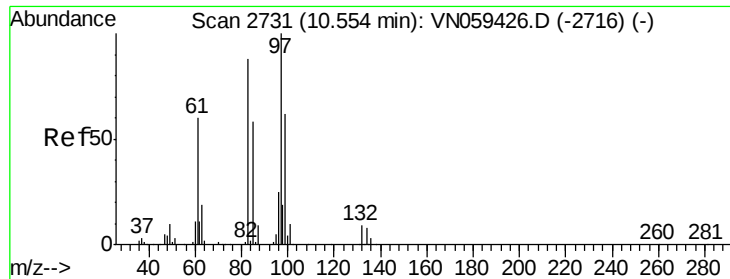
20000

0

9.75 9.80 9.85 9.90 9.95

Time-->

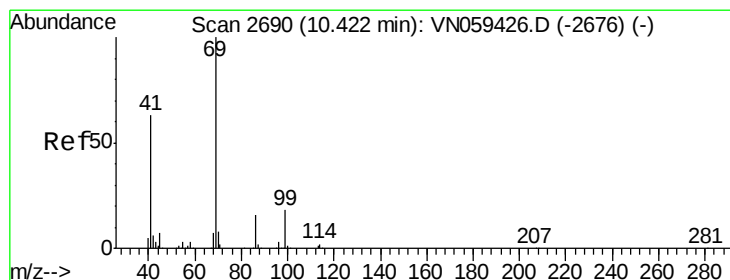
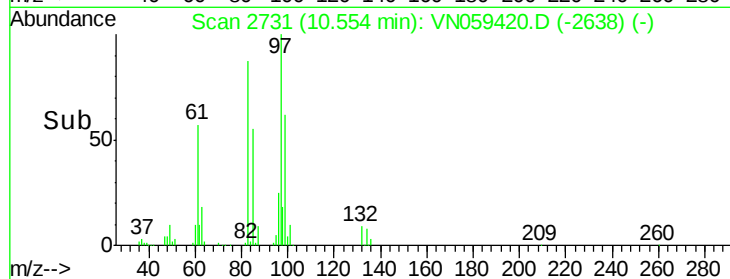
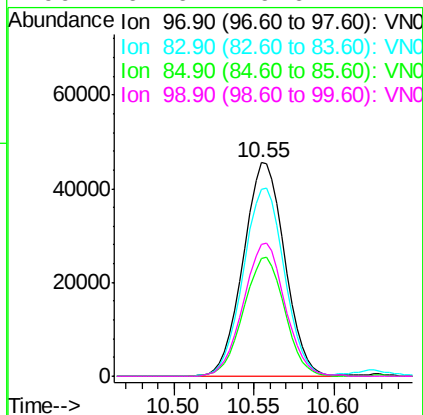
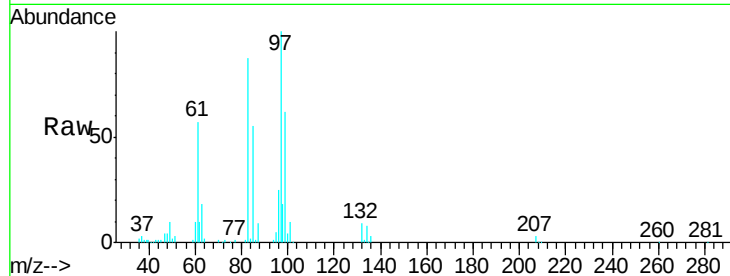




#55
 1,1,2-Trichloroethane
 Concen: 21.597 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

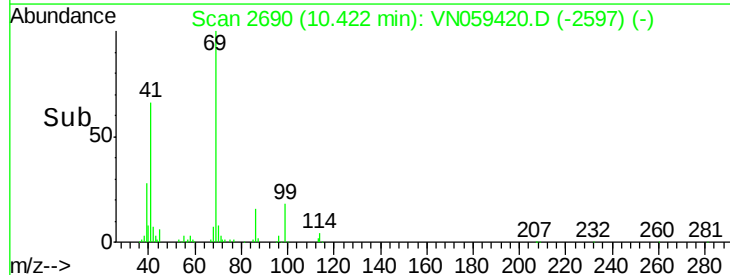
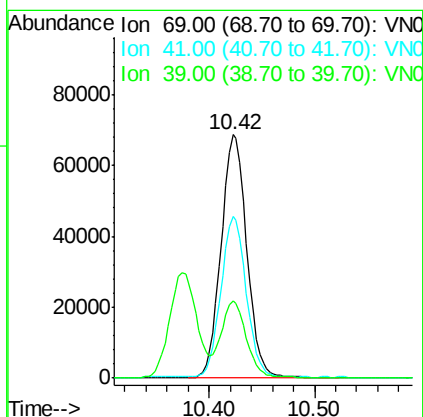
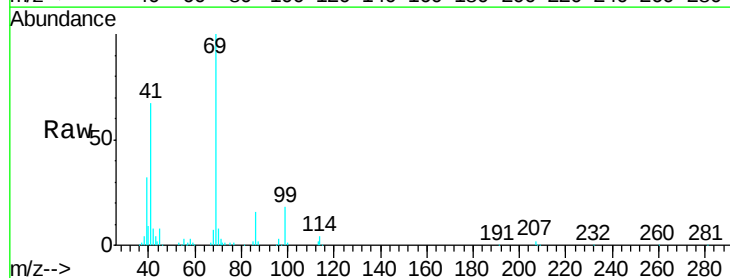
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 MSVOA_N
 ClientSampleId :
 VSTDIC020

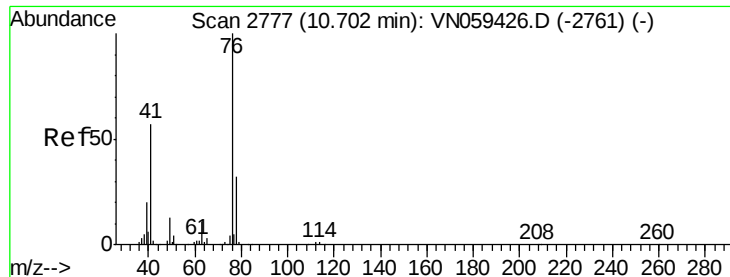
Tgt Ion: 97 Resp: 80980
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.7 106.1
 85 55.1 46.4 69.6
 99 61.6 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 21.239 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 69 Resp: 116164
 Ion Ratio Lower Upper
 69 100
 41 64.4 50.1 75.1
 39 30.5 23.9 35.9





#57

1,3-Dichloropropane

Concen: 21.280 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

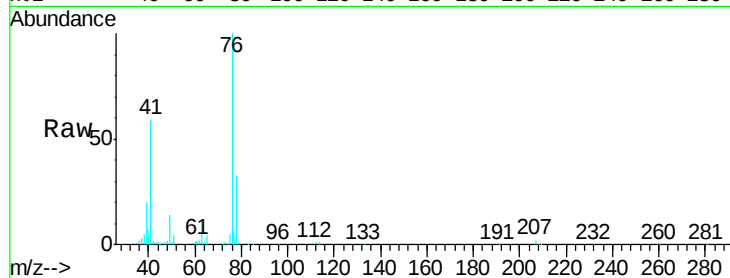
VSTDIC020

Tgt Ion: 76 Resp: 137911

Ion Ratio Lower Upper

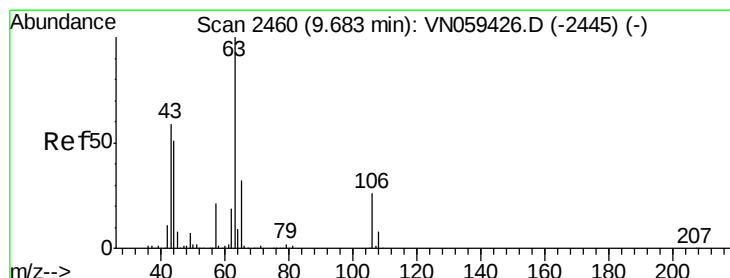
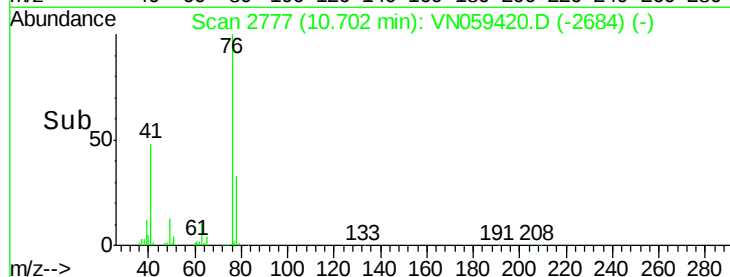
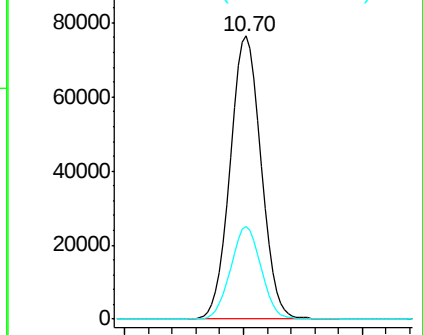
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 124.110 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059420.D

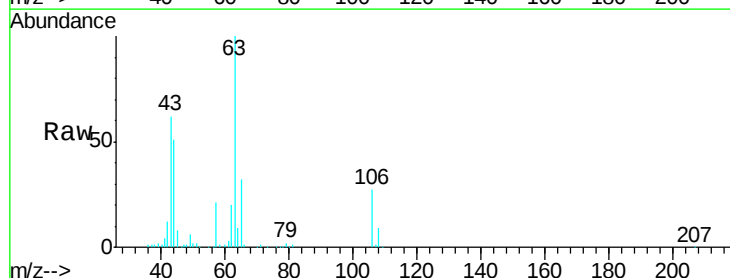
Acq: 27 Nov 2019 13:23

Tgt Ion: 63 Resp: 199392

Ion Ratio Lower Upper

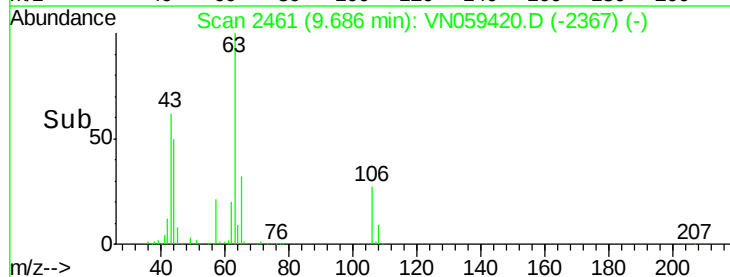
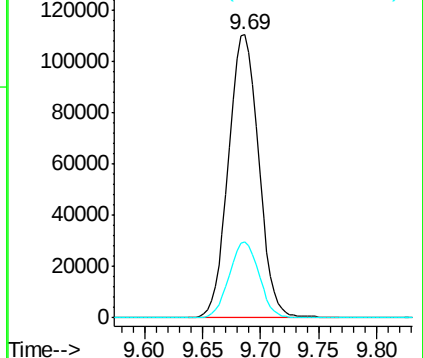
63 100

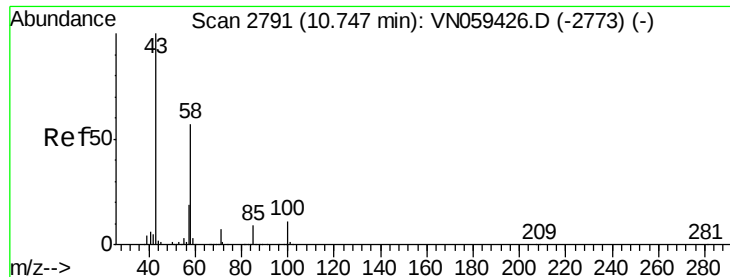
106 26.4 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

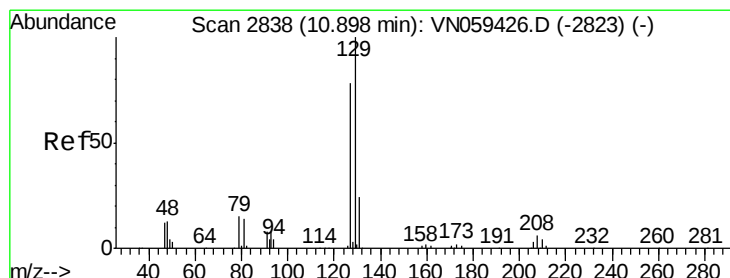
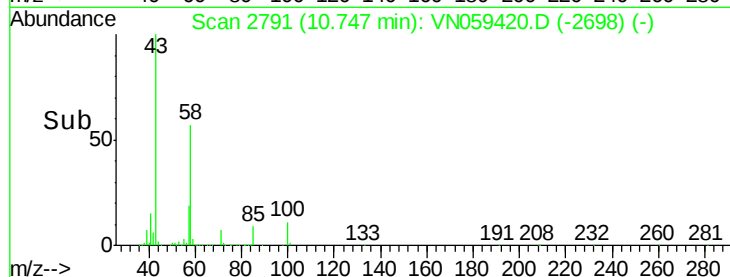
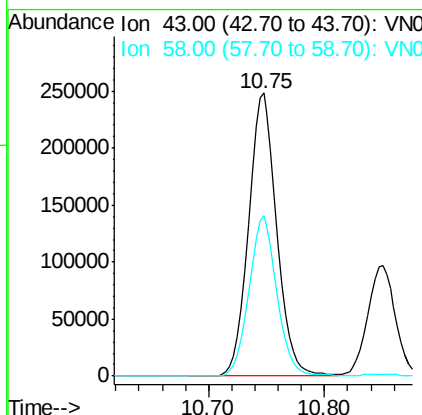
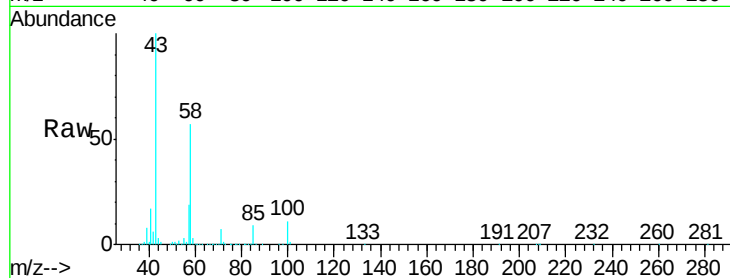




#59
2-Hexanone
Concen: 112.385 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

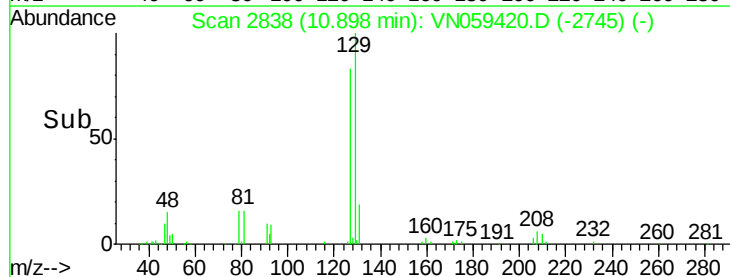
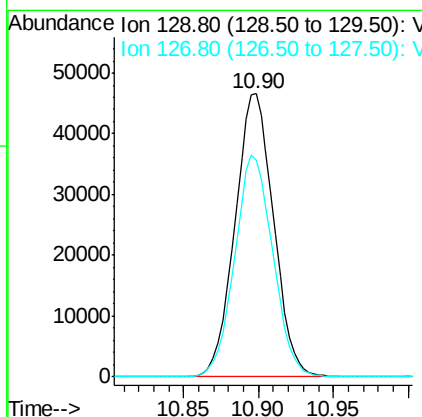
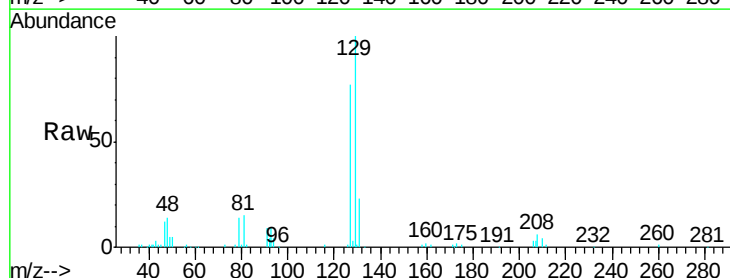
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

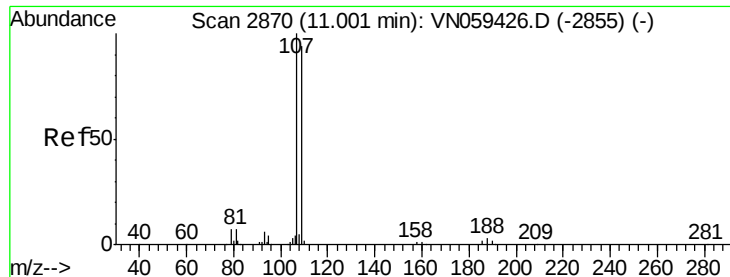
Tgt Ion: 43 Resp: 419583
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0



#60
Dibromochloromethane
Concen: 21.340 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 129 Resp: 83524
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.250 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

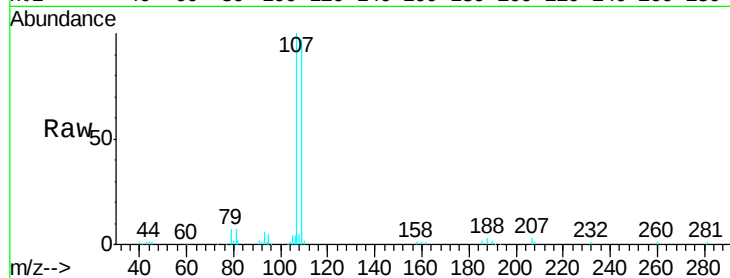
VSTDIC020

Tgt Ion: 107 Resp: 81649

Ion Ratio Lower Upper

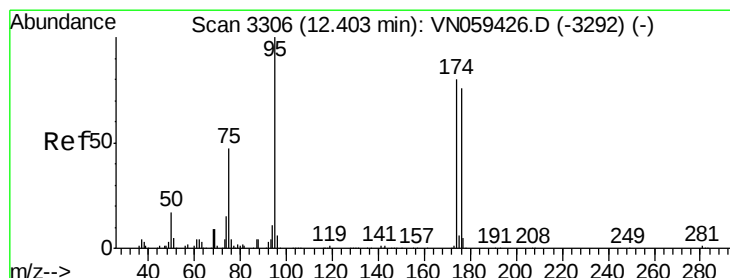
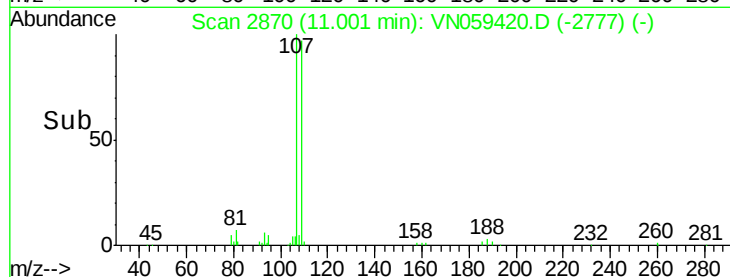
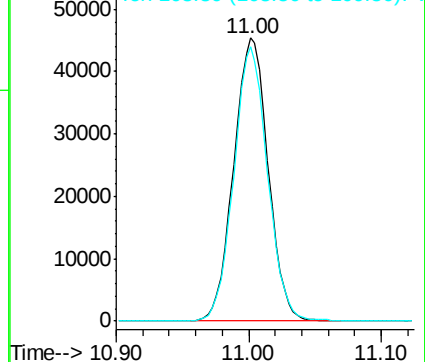
107 100

109 94.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.010 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

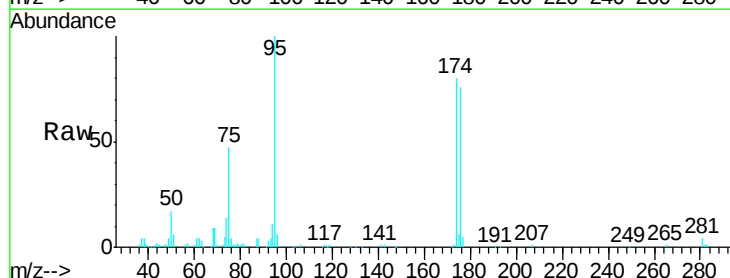
Tgt Ion: 95 Resp: 90218

Ion Ratio Lower Upper

95 100

174 81.1 0.0 158.0

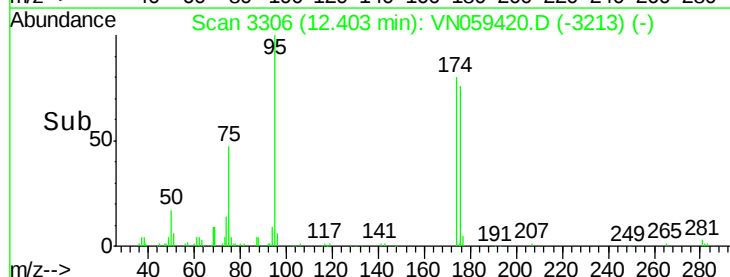
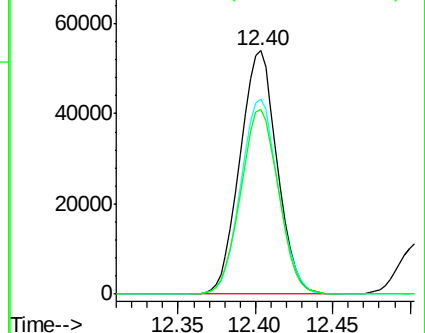
176 77.3 0.0 153.0

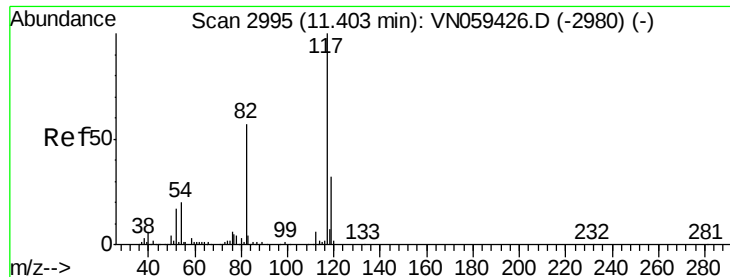


Abundance Ion 94.90 (94.60 to 95.60): V

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: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

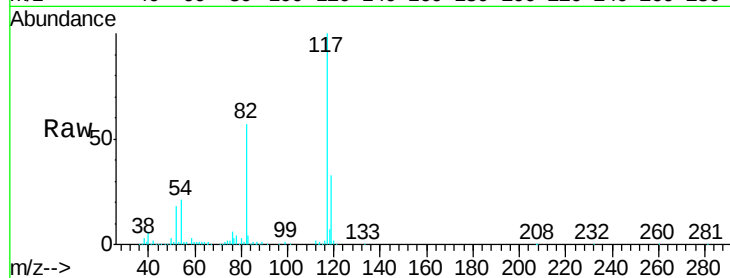
Tgt Ion:117 Resp: 502173

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

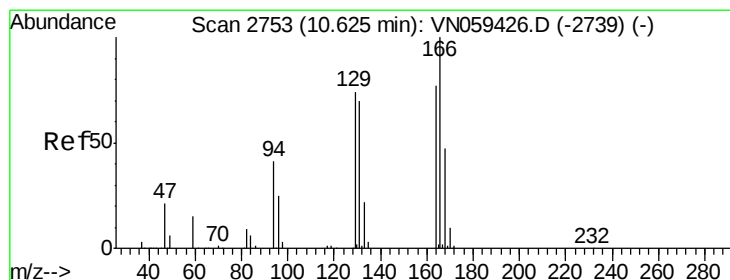
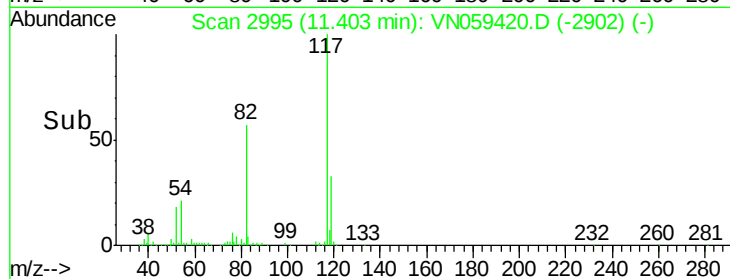
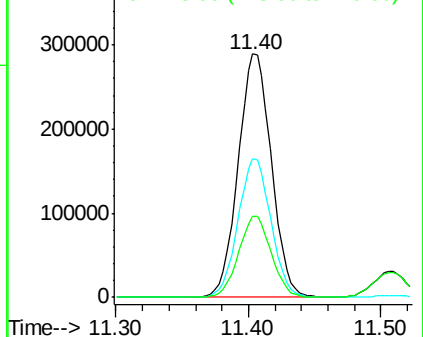
119 33.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.410 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Tgt Ion:164 Resp: 75810

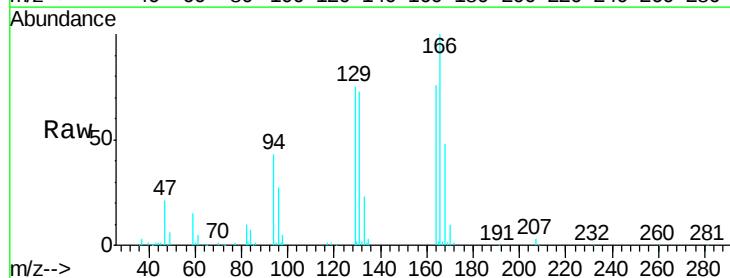
Ion Ratio Lower Upper

164 100

166 131.2 104.2 156.4

129 98.9 76.8 115.2

131 95.3 73.0 109.6

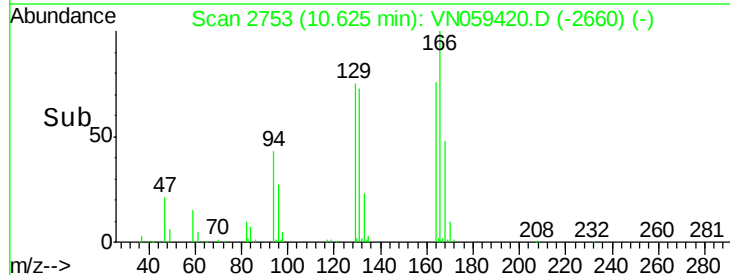
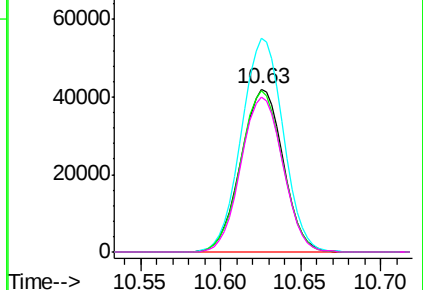


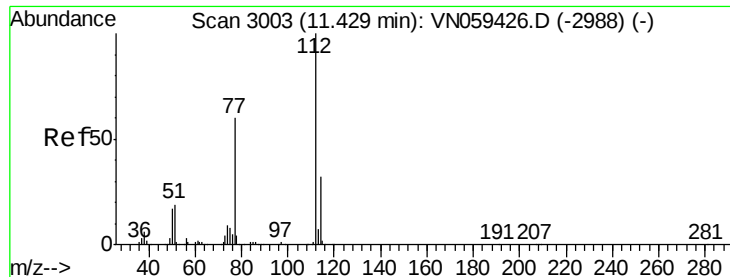
Abundance Ion 163.80 (163.50 to 164.50): V

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: 20.596 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

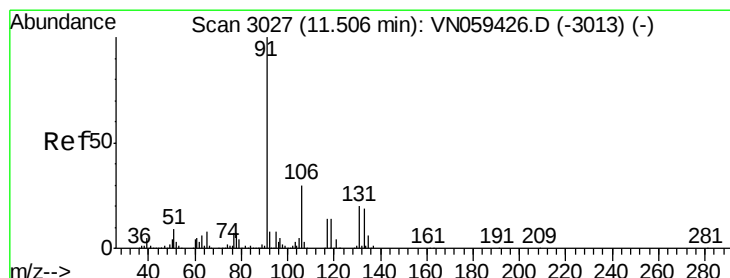
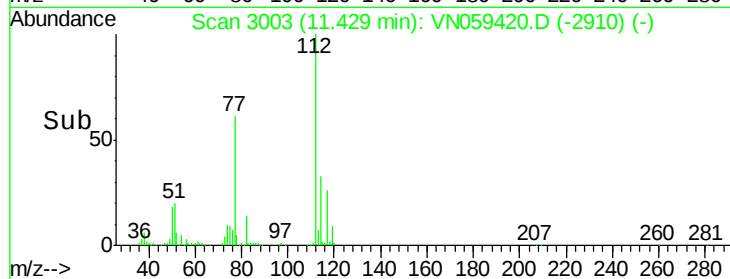
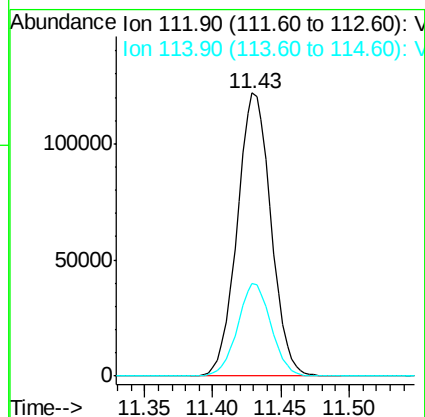
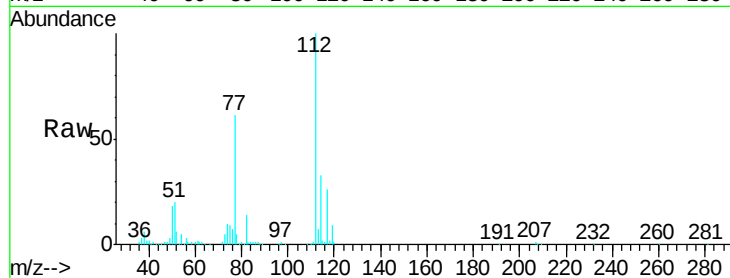
VSTDIC020

Tgt Ion:112 Resp: 209385

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.983 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

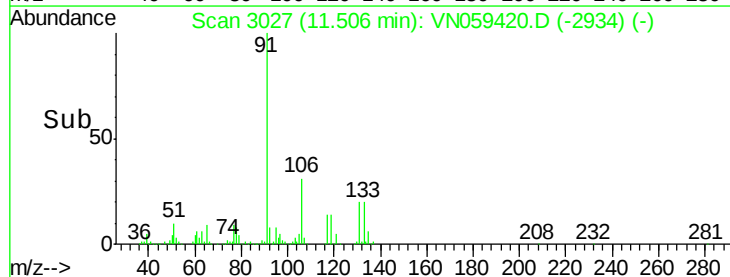
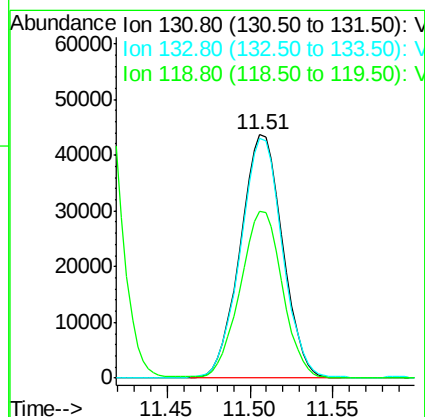
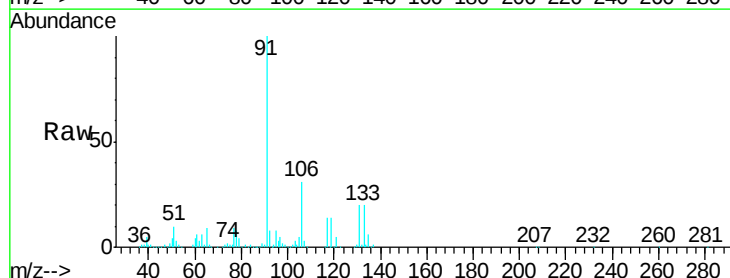
Tgt Ion:131 Resp: 77357

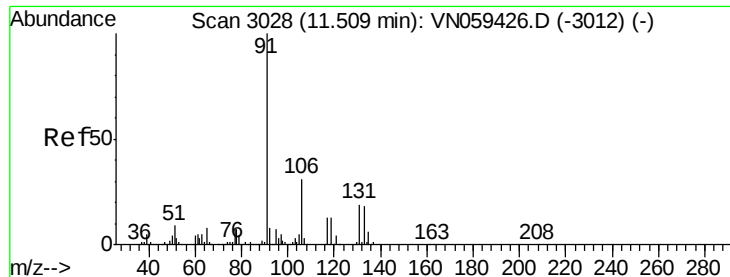
Ion Ratio Lower Upper

131 100

133 98.2 48.2 144.6

119 68.5 33.8 101.3





#67

Ethyl Benzene

Concen: 21.262 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

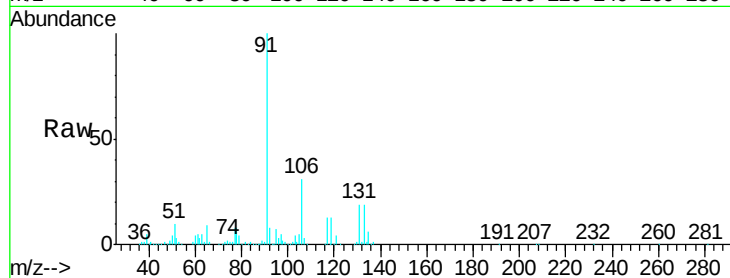
VSTDIC020

Tgt Ion: 91 Resp: 379678

Ion Ratio Lower Upper

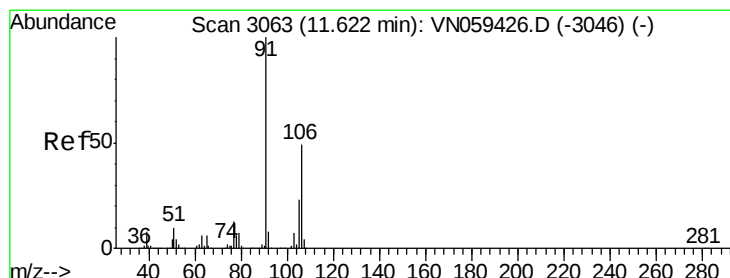
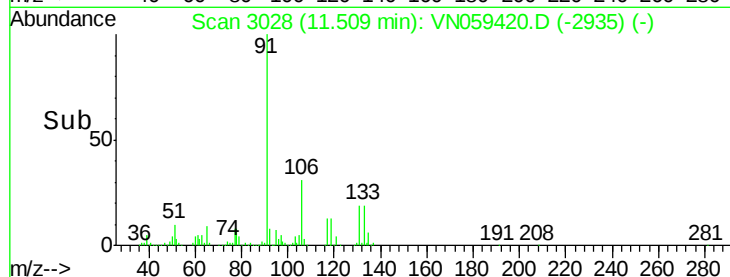
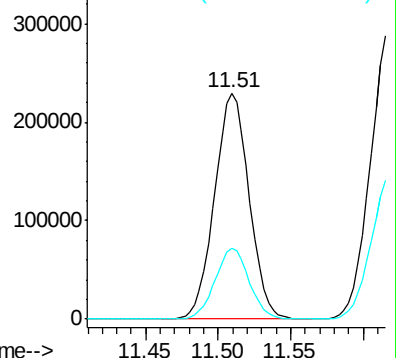
91 100

106 31.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.690 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059420.D

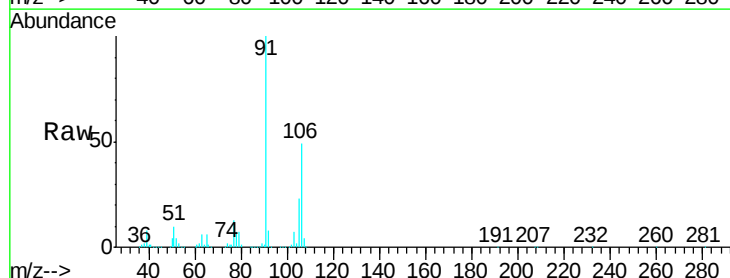
Acq: 27 Nov 2019 13:23

Tgt Ion: 106 Resp: 284612

Ion Ratio Lower Upper

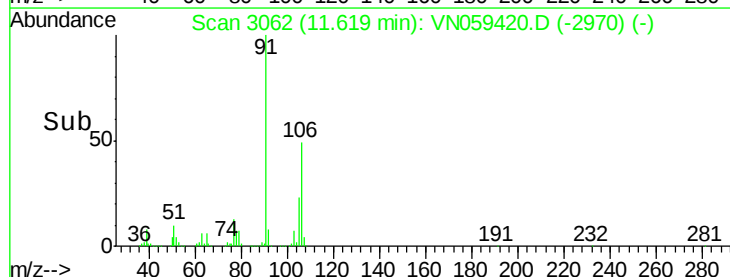
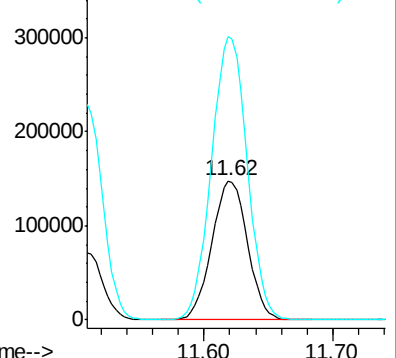
106 100

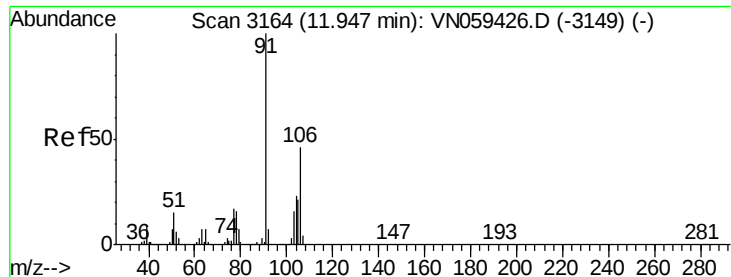
91 203.8 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

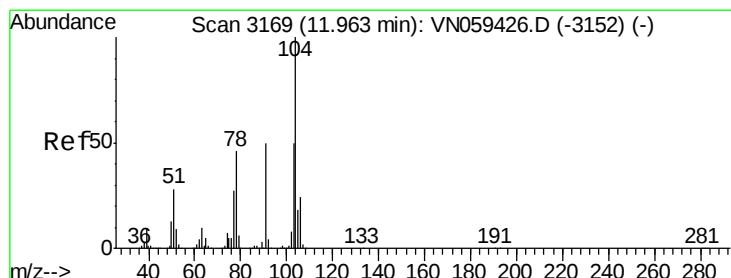
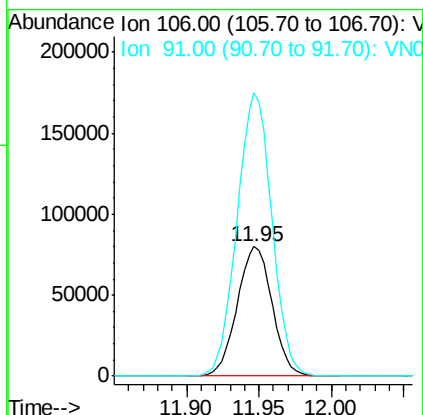
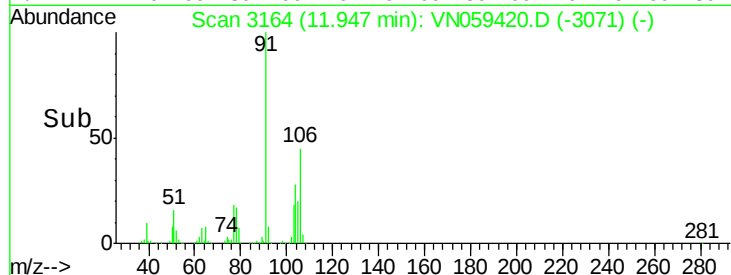
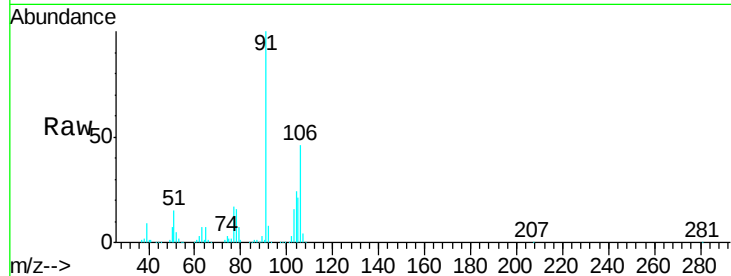




#69
o-Xylene
Concen: 20.961 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

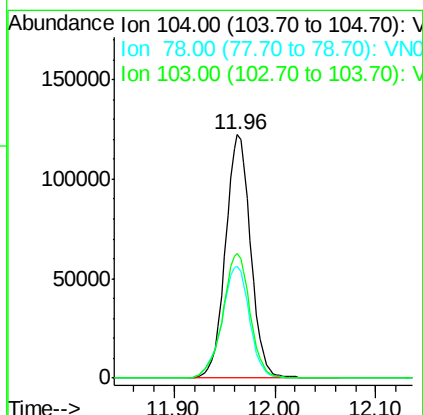
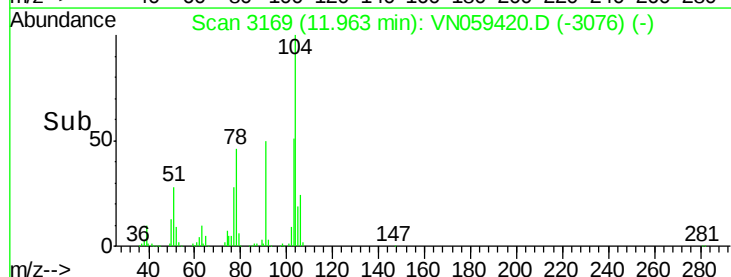
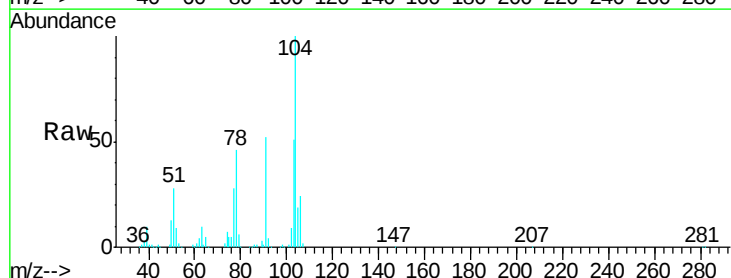
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

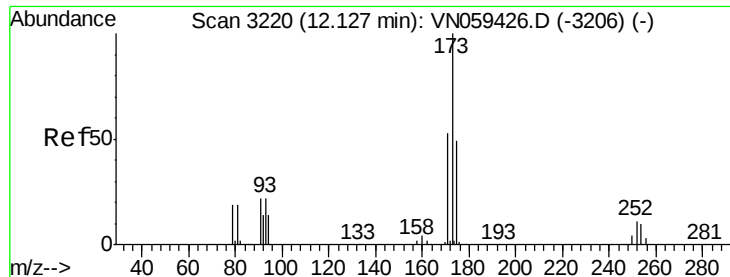
Tgt Ion:106 Resp: 134020
Ion Ratio Lower Upper
106 100
91 218.1 107.5 322.4



#70
Styrene
Concen: 21.257 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion:104 Resp: 213073
Ion Ratio Lower Upper
104 100
78 50.3 40.4 60.6
103 55.3 43.8 65.6

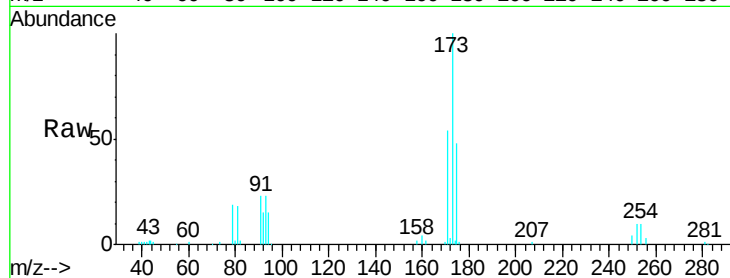




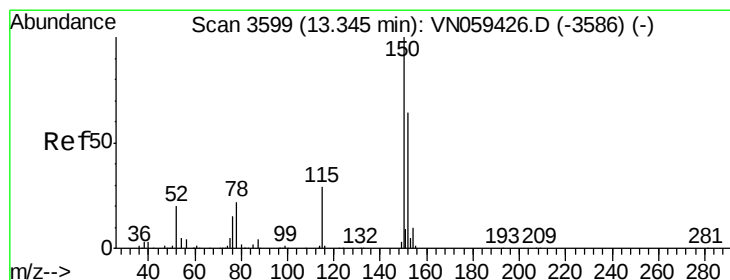
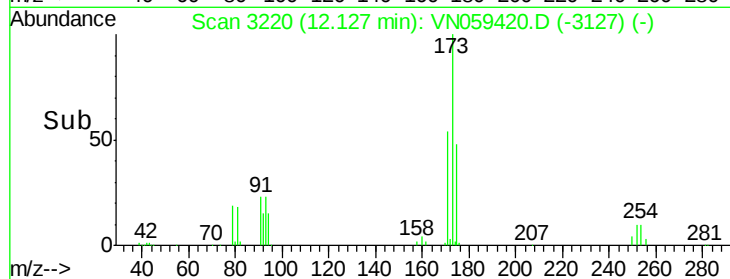
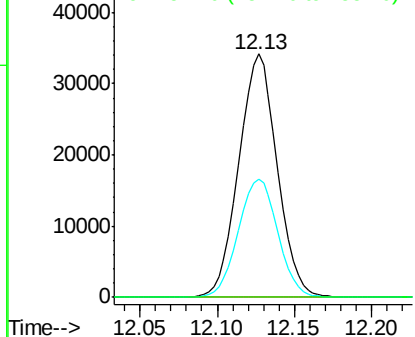
#71
Bromoform
Concen: 21.007 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 58970
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.3
254 0.0 0.0 0.0

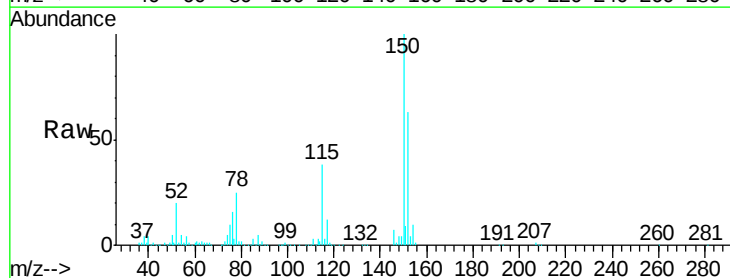


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

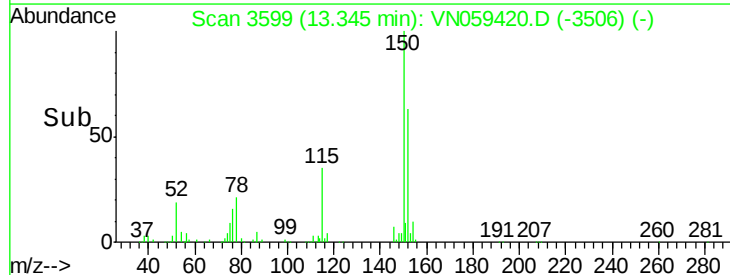
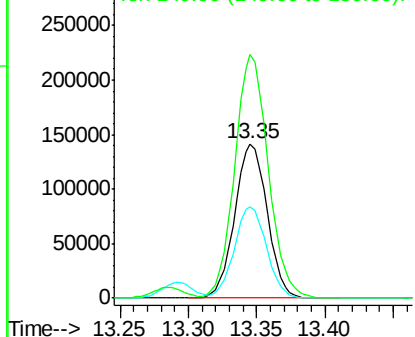


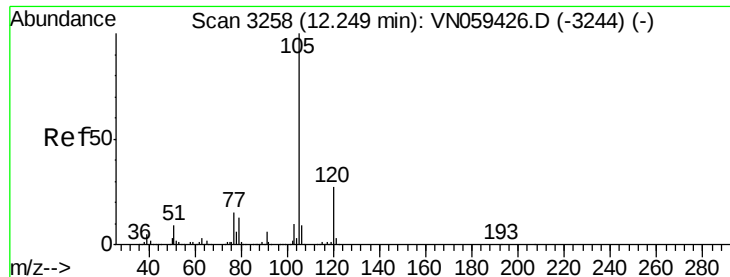
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion:152 Resp: 233580
Ion Ratio Lower Upper
152 100
115 59.1 29.5 88.6
150 162.5 0.0 347.2



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: 20.823 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

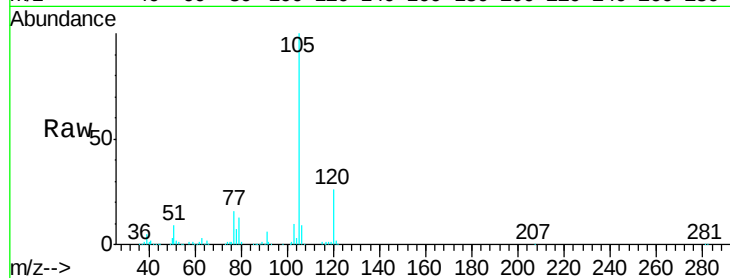
VSTDIC020

Tgt Ion: 105 Resp: 360322

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

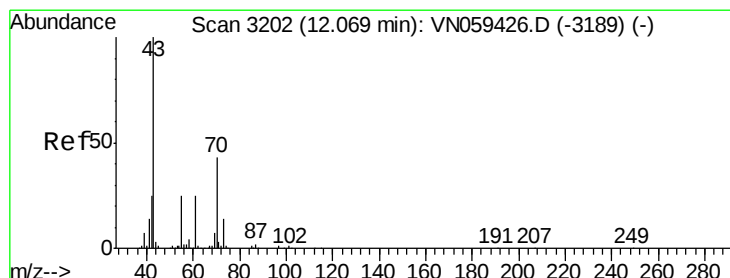
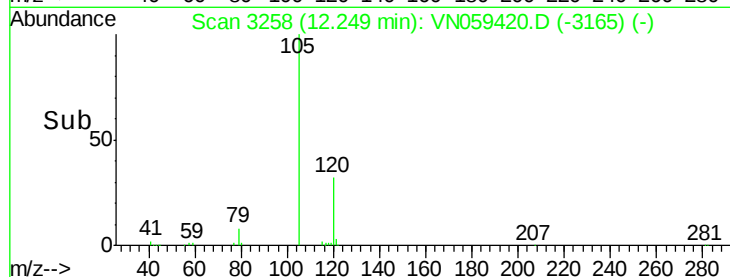
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 21.419 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Tgt Ion: 43 Resp: 139382

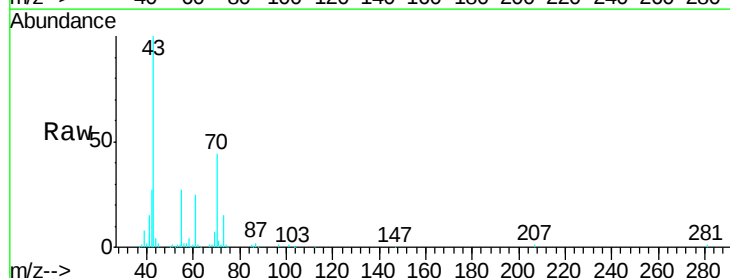
Ion Ratio Lower Upper

43 100

70 43.9 34.6 52.0

55 27.1 20.5 30.7

61 25.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

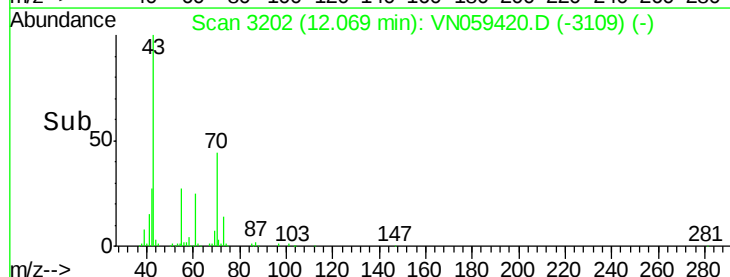
100000

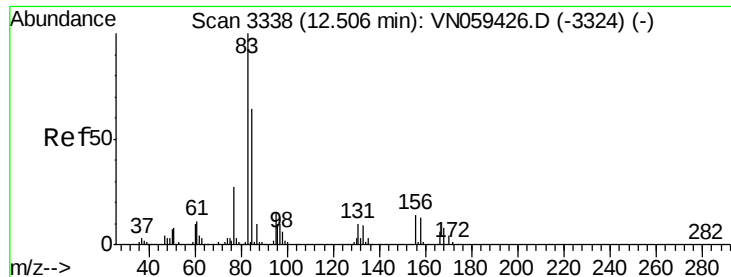
50000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.195 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

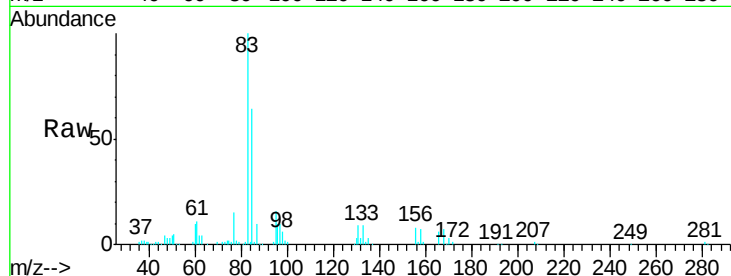
Tgt Ion: 83 Resp: 119604

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

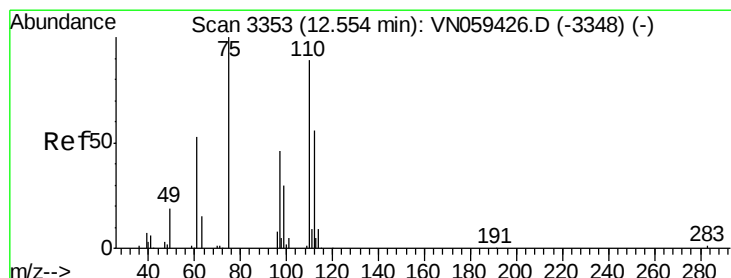
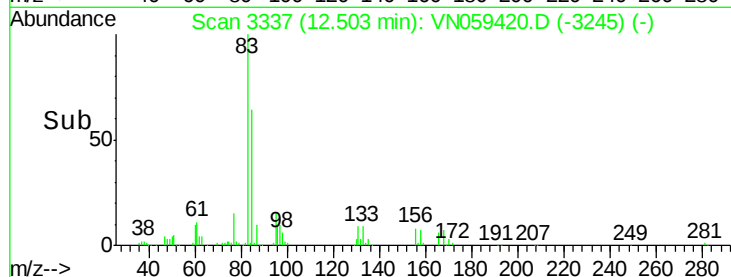
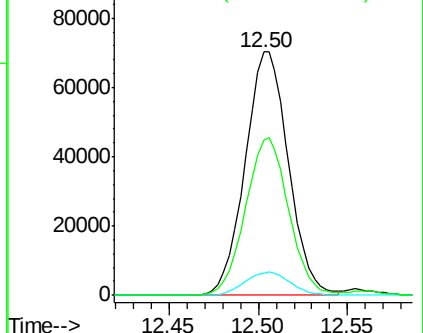
85 64.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN059420.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN059420.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN059420.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 29.066 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059420.D

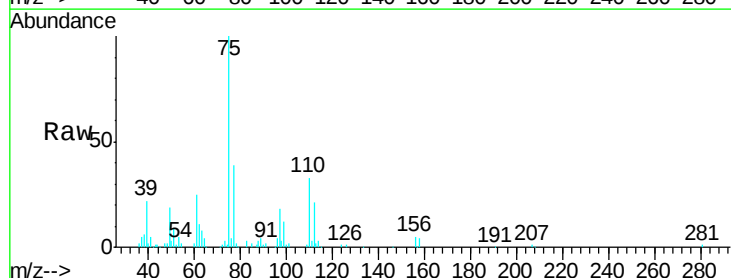
Acq: 27 Nov 2019 13:23

Tgt Ion: 75 Resp: 156833

Ion Ratio Lower Upper

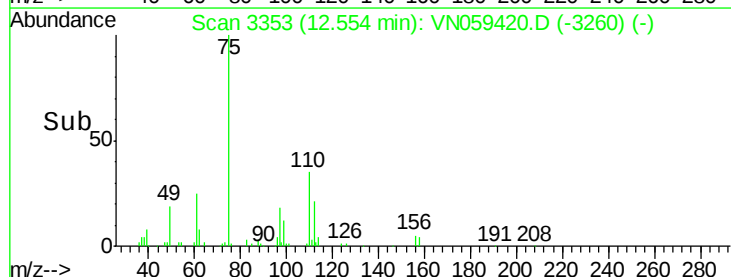
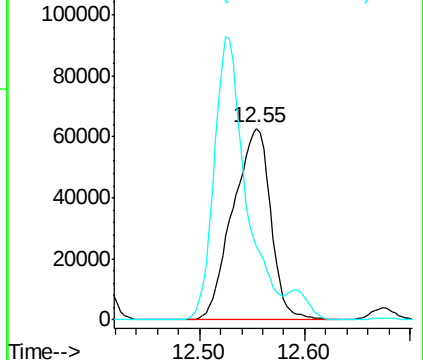
75 100

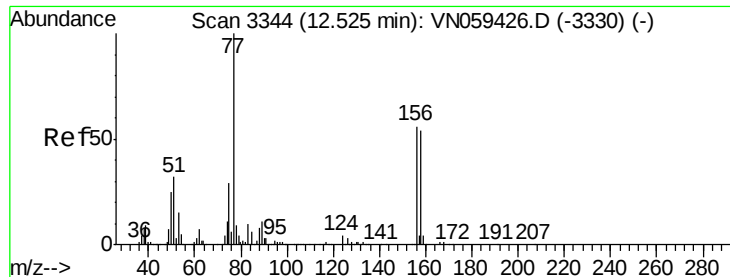
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059420.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN059420.D (-3348) (-)





#77

Bromobenzene

Concen: 20.676 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

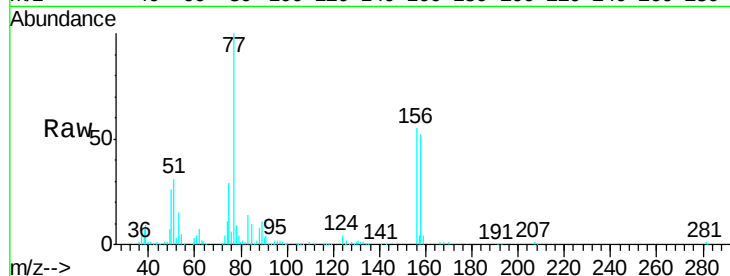
Tgt Ion:156 Resp: 87594

Ion Ratio Lower Upper

156 100

77 221.9 108.7 326.3

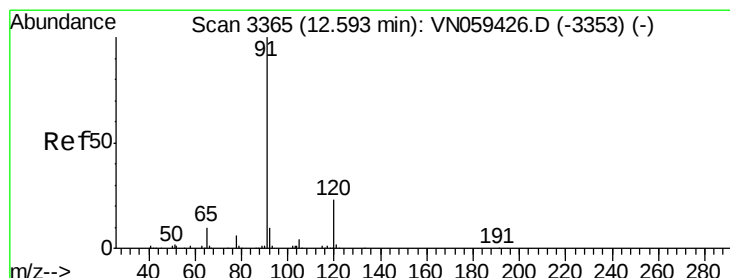
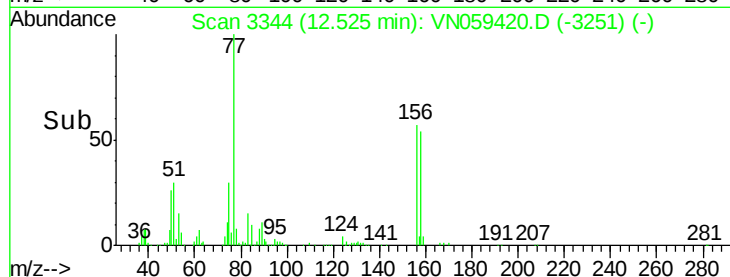
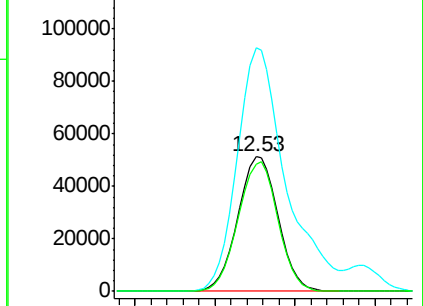
158 95.6 48.3 144.9



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: 20.897 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059420.D

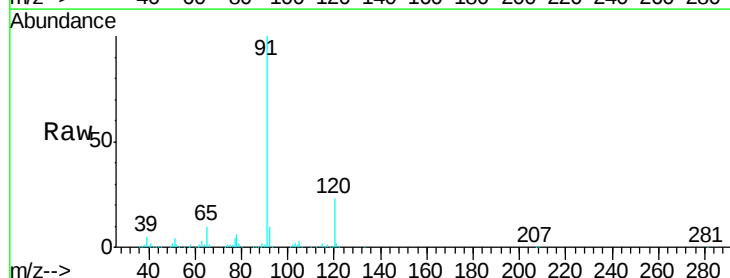
Acq: 27 Nov 2019 13:23

Tgt Ion: 91 Resp: 416699

Ion Ratio Lower Upper

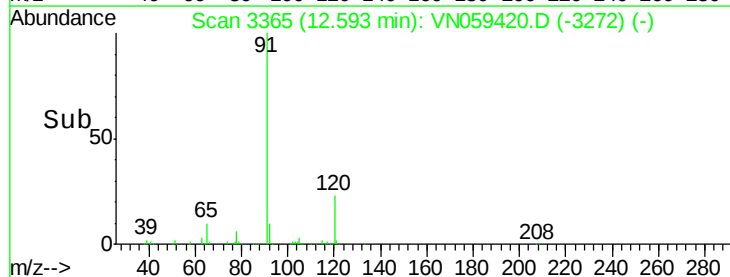
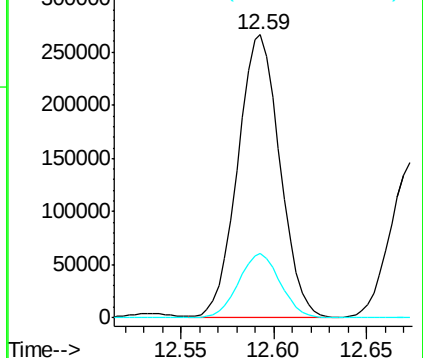
91 100

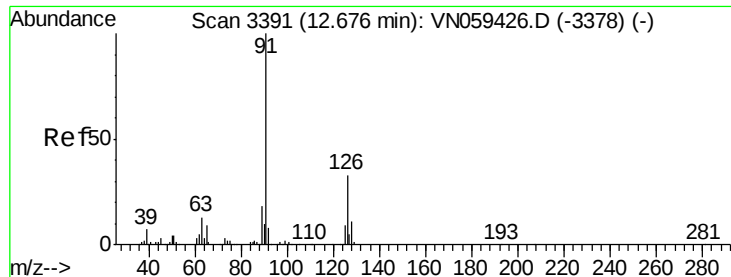
120 22.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

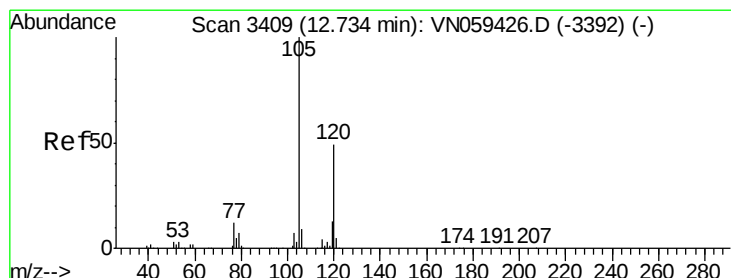
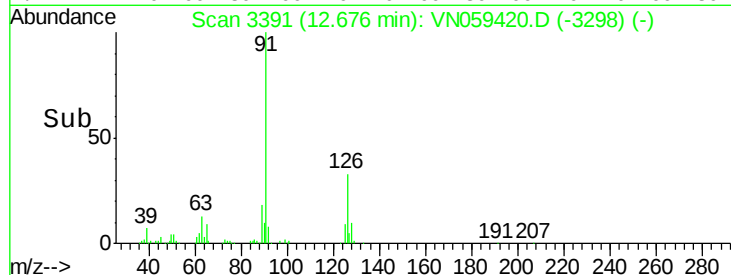
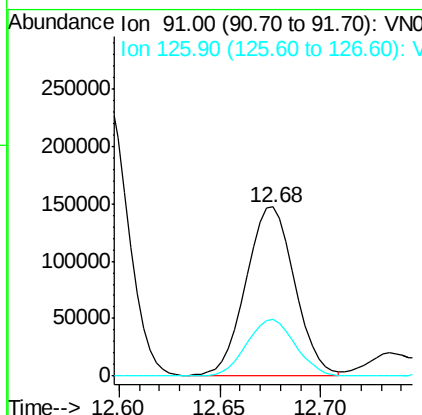
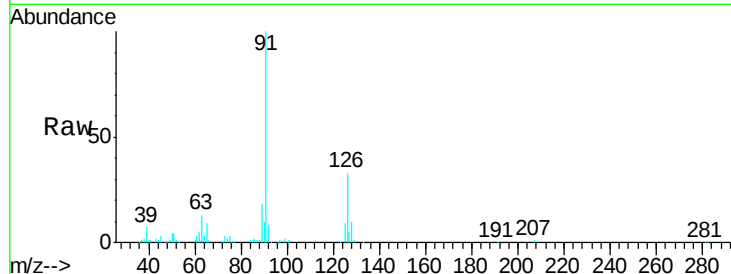




#79
 2-Chlorotoluene
 Concen: 20.734 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

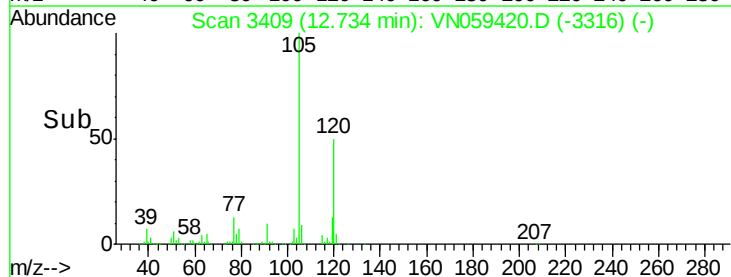
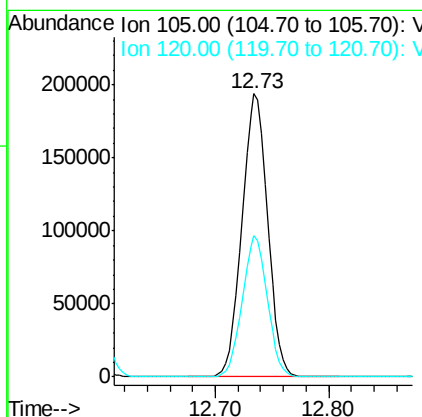
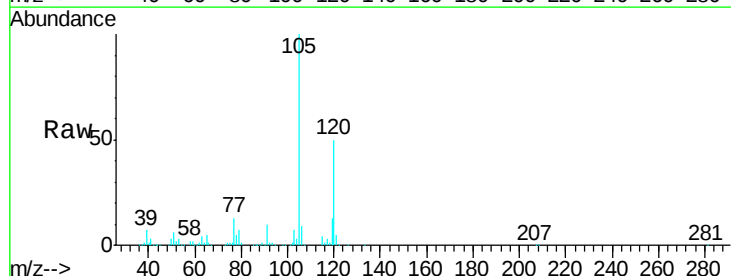
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

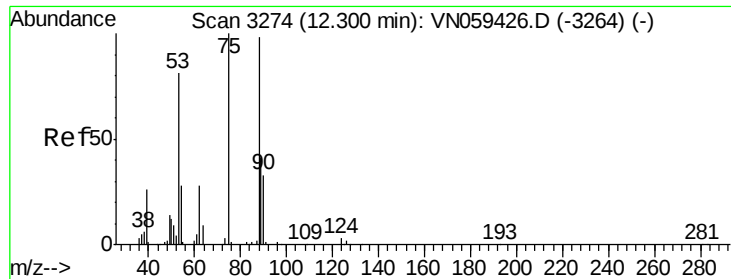
Tgt Ion: 91 Resp: 247181
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.092 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion: 105 Resp: 306794
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8

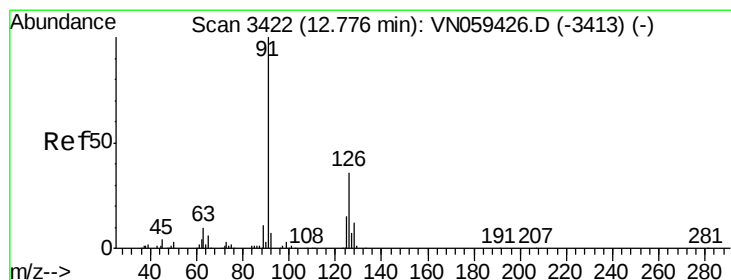
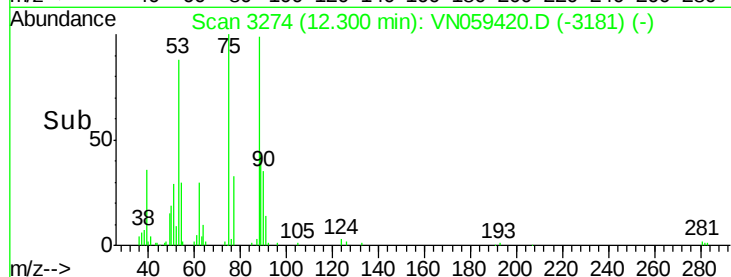
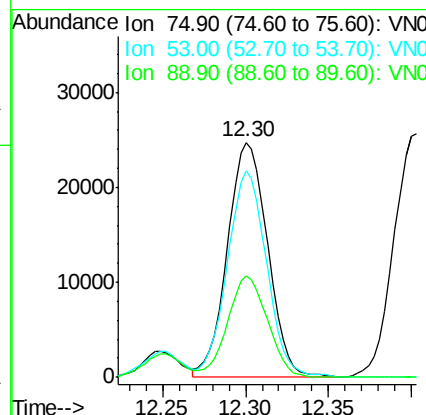
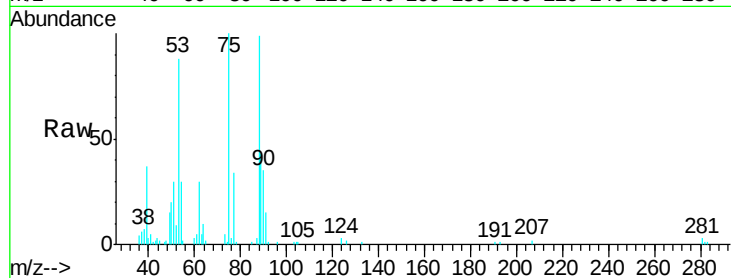




#81
trans-1,4-Dichloro-2-butene
Concen: 20.344 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

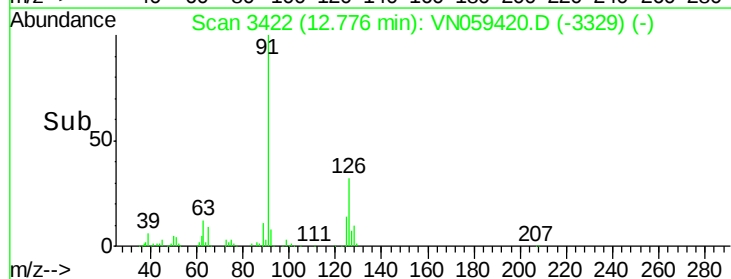
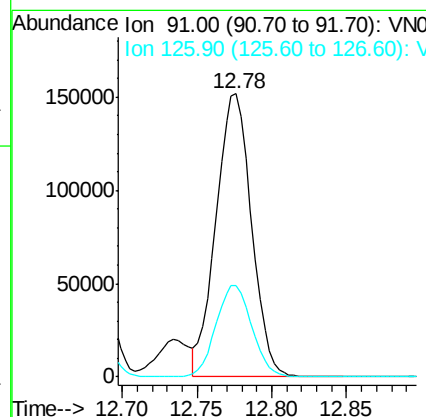
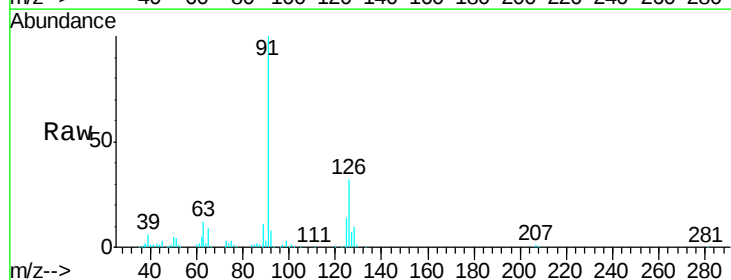
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

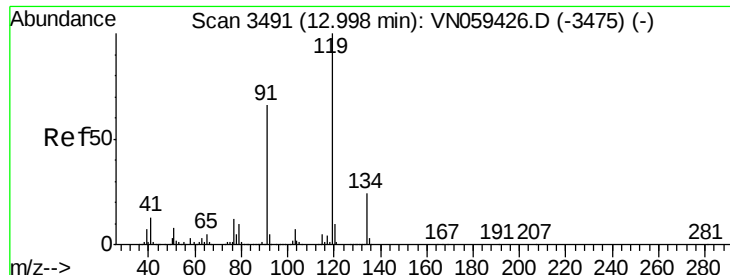
Tgt Ion: 75 Resp: 41838
Ion Ratio Lower Upper
75 100
53 86.1 66.2 99.4
89 42.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.378 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion: 91 Resp: 250210
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.756 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

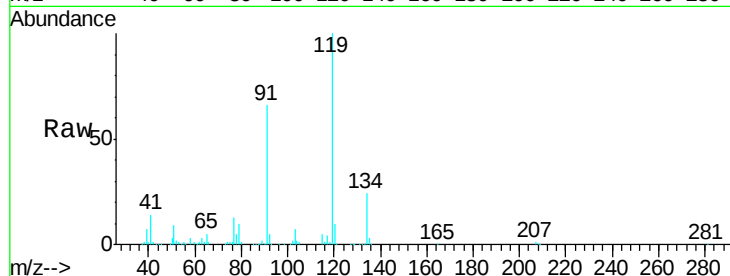
Tgt Ion:119 Resp: 259234

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.4

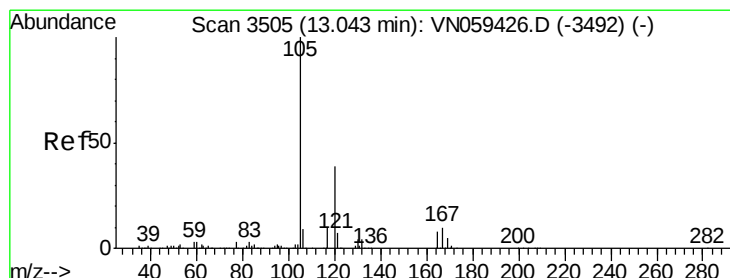
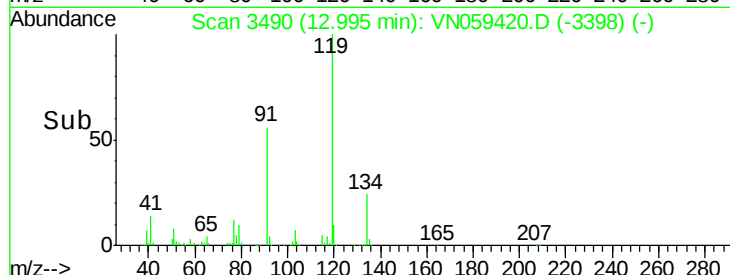
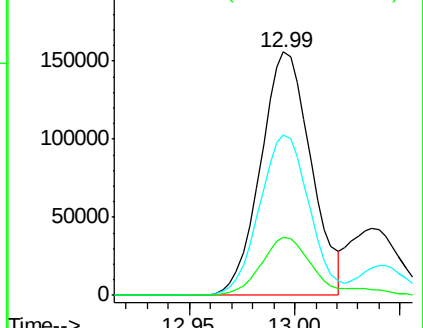
134 23.4 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.050 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059420.D

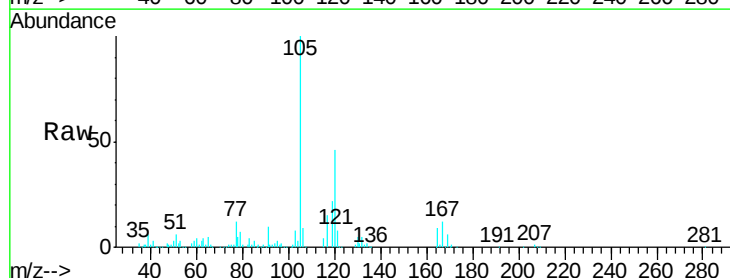
Acq: 27 Nov 2019 13:23

Tgt Ion:105 Resp: 299940

Ion Ratio Lower Upper

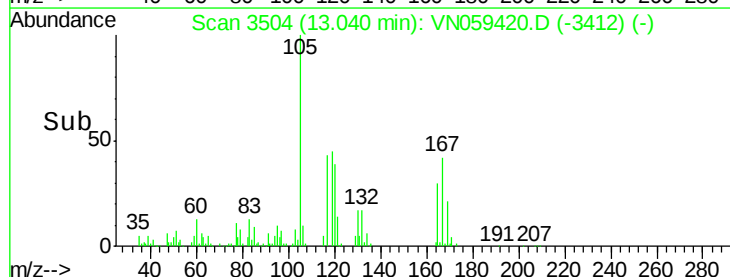
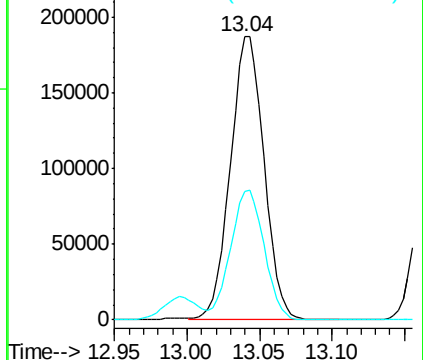
105 100

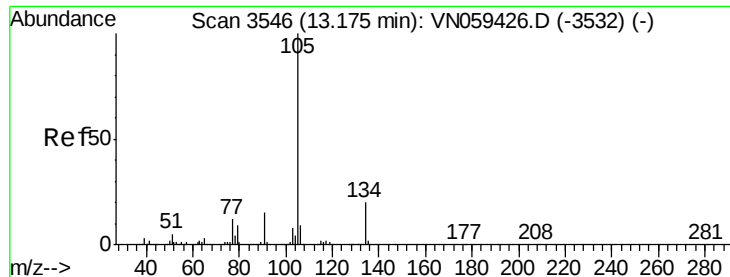
120 46.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

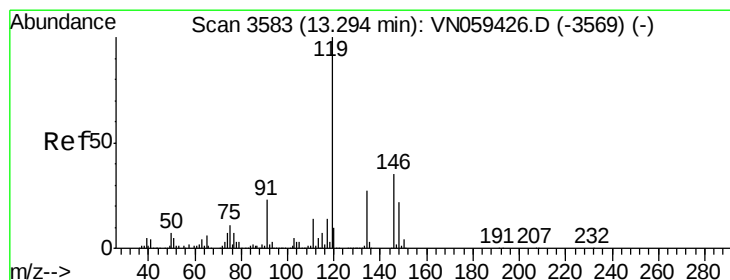
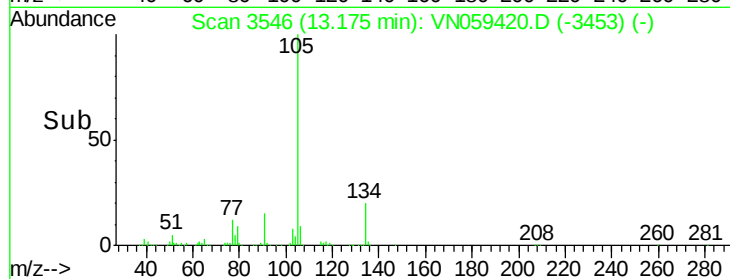
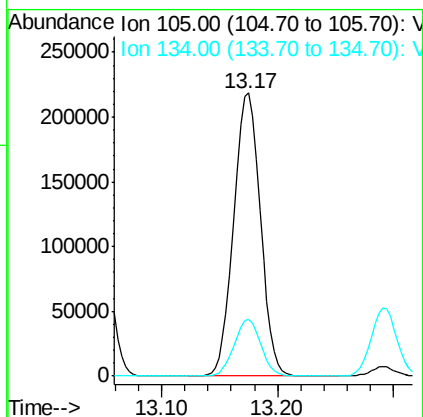
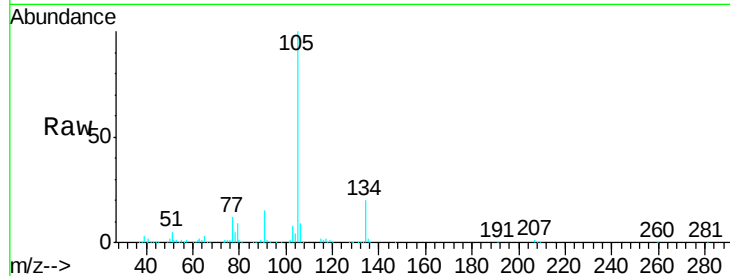




#85
 sec-Butylbenzene
 Concen: 20.908 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

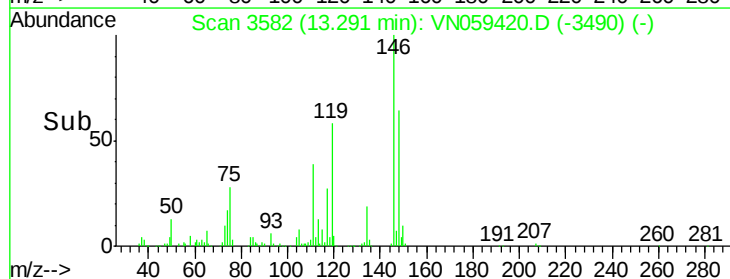
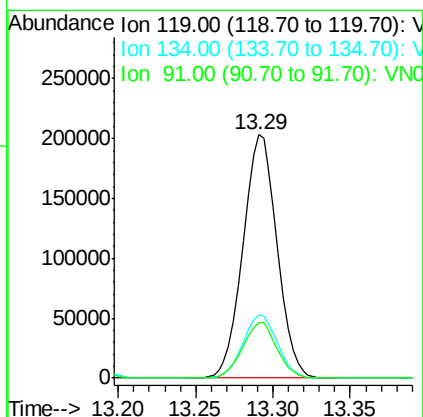
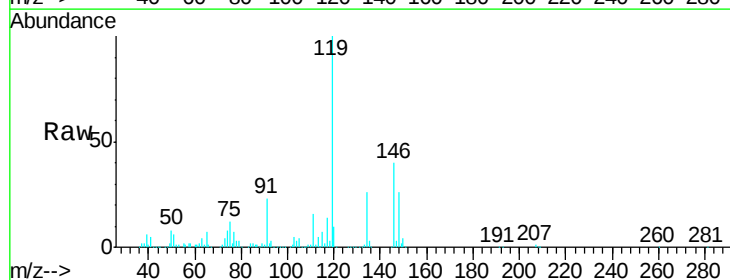
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

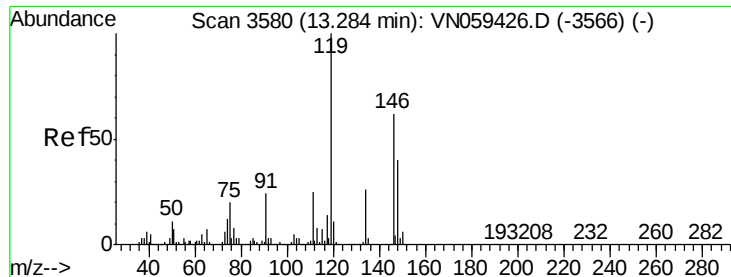
Tgt Ion:105 Resp: 346778
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.685 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion:119 Resp: 310162
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 20.598 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

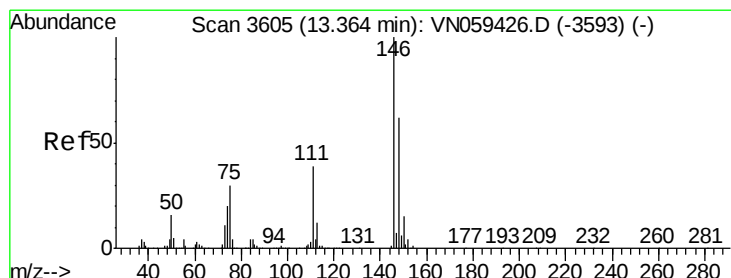
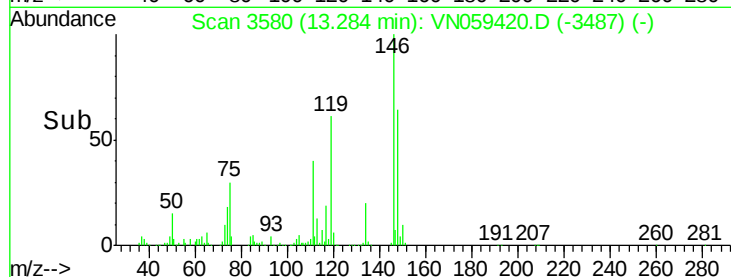
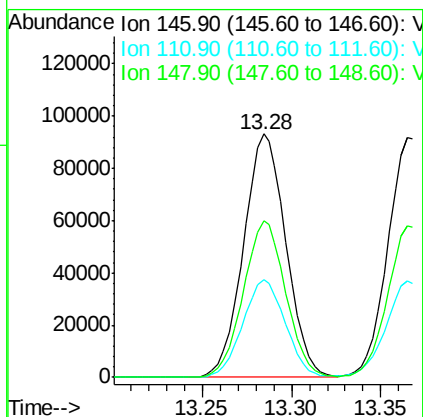
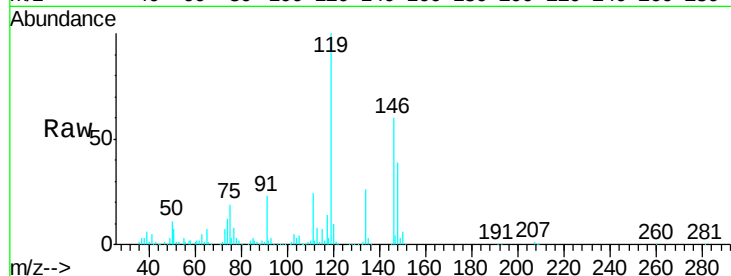
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:	146	Resp:	154653
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.2
148	64.2	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 20.261 ug/l

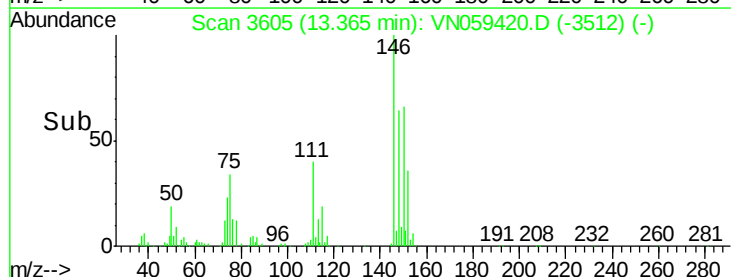
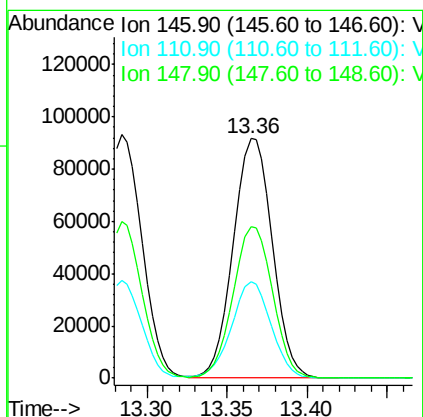
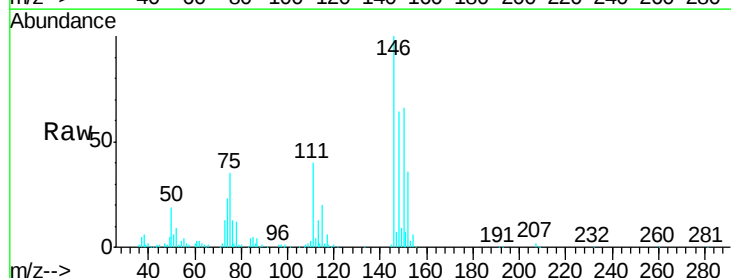
RT: 13.36 min Scan# 3605

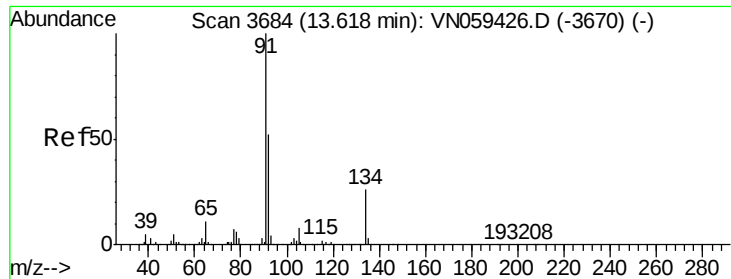
Delta R.T. 0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Tgt Ion:	146	Resp:	152722
Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.9	59.7
148	63.5	31.6	95.0





#89

n-Butylbenzene

Concen: 20.301 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059420.D

Acq: 27 Nov 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

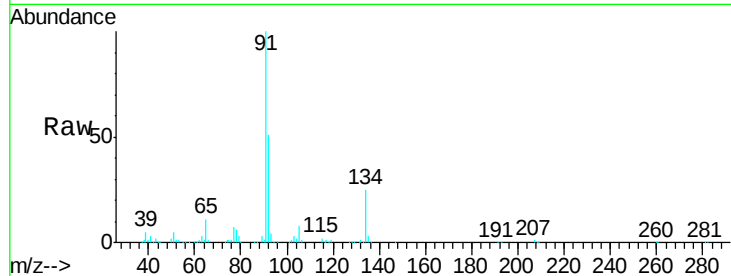
Tgt Ion: 91 Resp: 266094

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

134 25.5 12.8 38.4

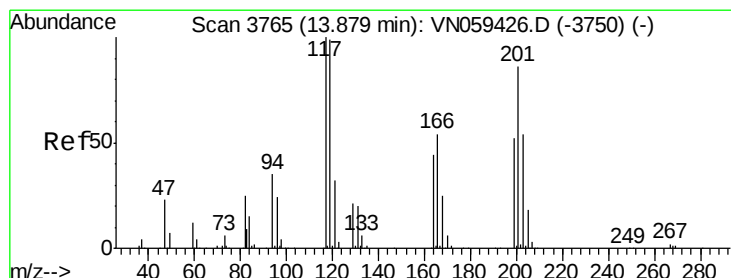
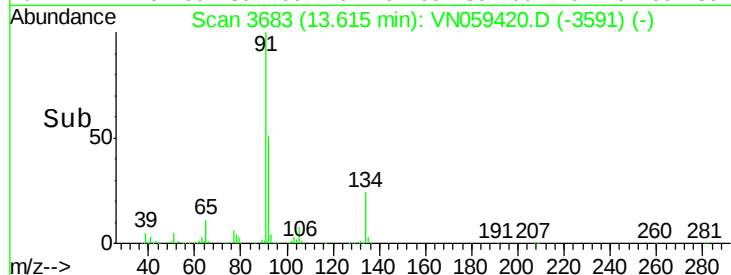


Abundance Ion 91.00 (90.70 to 91.70): VN059426.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN059426.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN059426.D (-3670) (-)

Time-->



#90

Hexachloroethane

Concen: 20.228 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059420.D

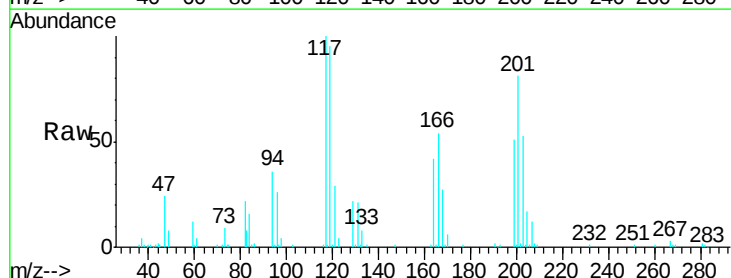
Acq: 27 Nov 2019 13:23

Tgt Ion: 117 Resp: 57971

Ion Ratio Lower Upper

117 100

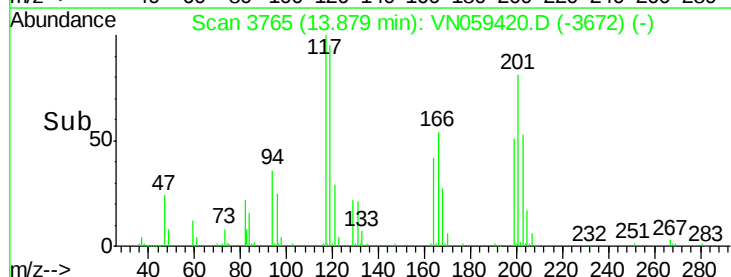
201 81.1 42.1 126.4

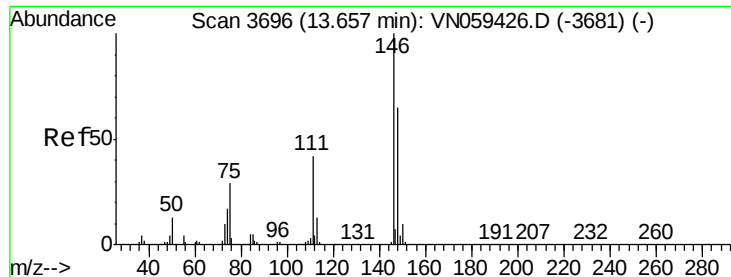


Abundance Ion 116.80 (116.50 to 117.50): VN059426.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN059426.D (-3750) (-)

Time-->

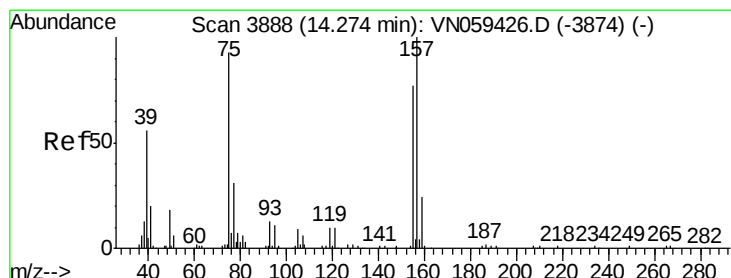
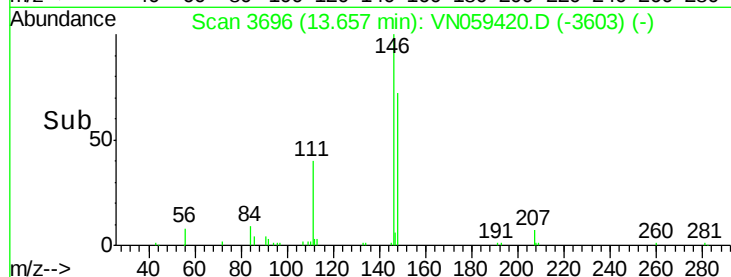
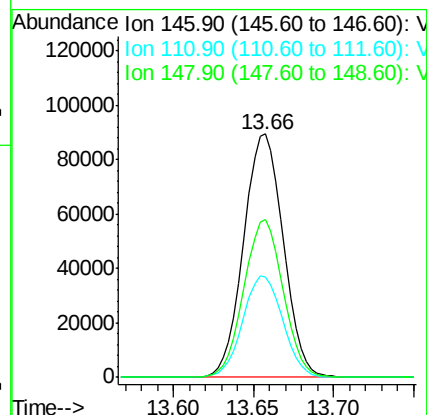
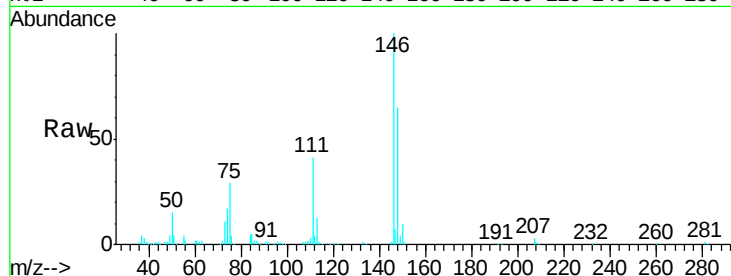




#91
 1,2-Dichlorobenzene
 Concen: 20.599 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

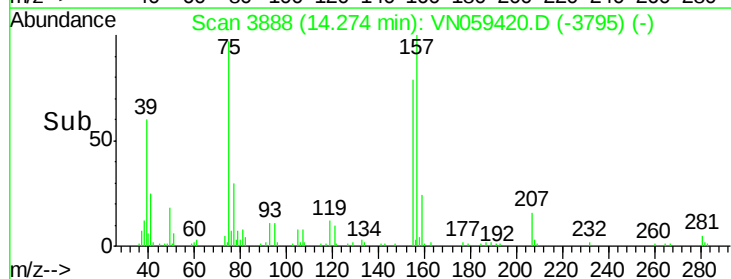
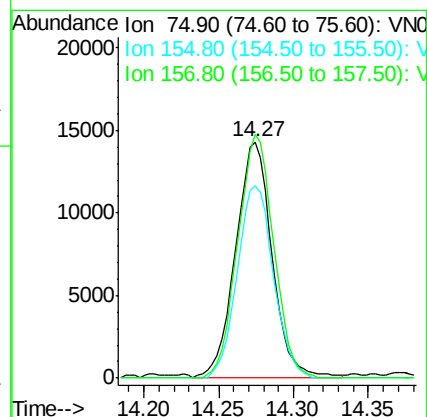
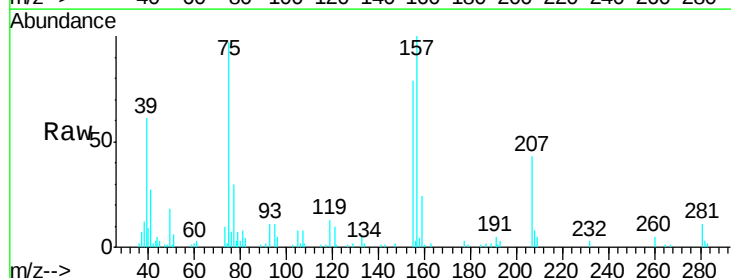
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

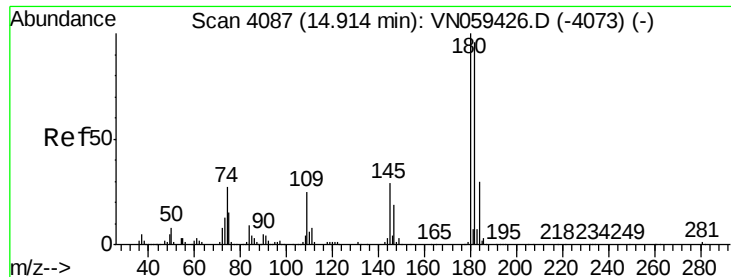
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.7
148	64.3	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.041 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	41.9	125.8
157	101.1	54.1	162.3

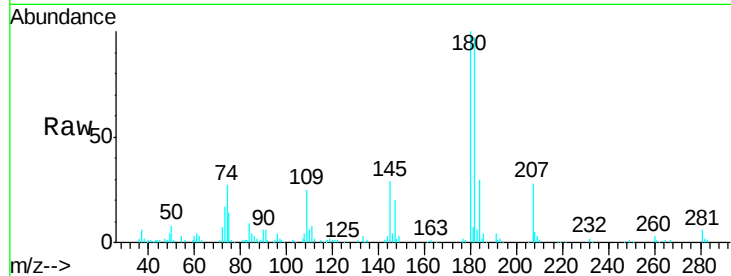




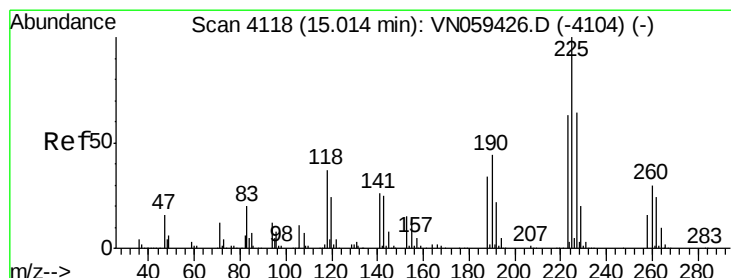
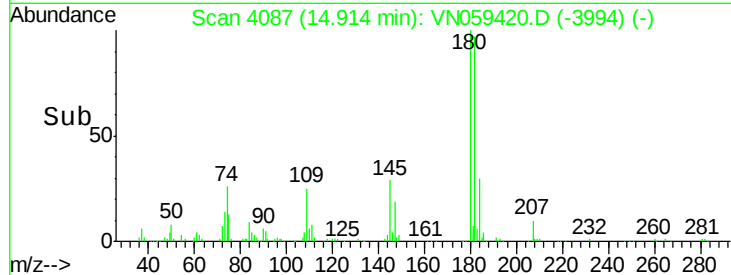
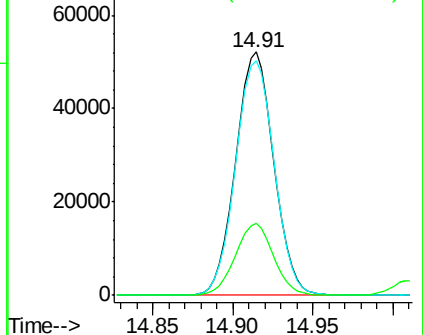
#93
 1,2,4-Trichlorobenzene
 Concen: 18.502 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 84611
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.3 142.0
 145 29.9 14.8 44.4

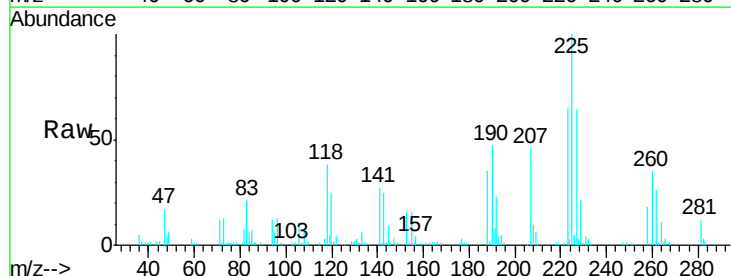


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

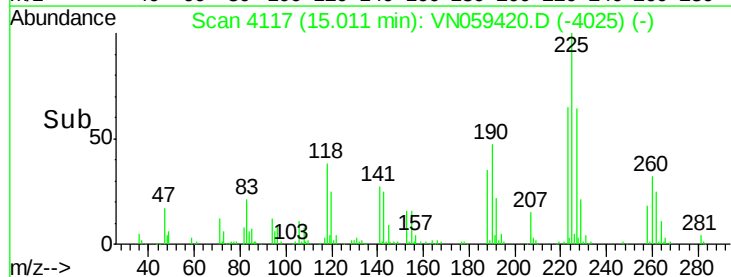
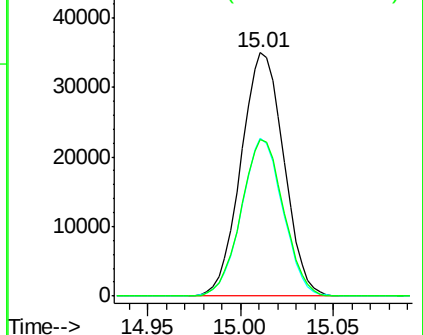


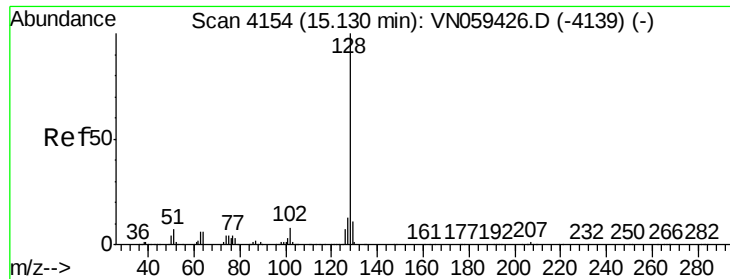
#94
 Hexachlorobutadiene
 Concen: 19.981 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059420.D
 Acq: 27 Nov 2019 13:23

Tgt Ion:225 Resp: 55996
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.5 94.5
 227 63.9 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

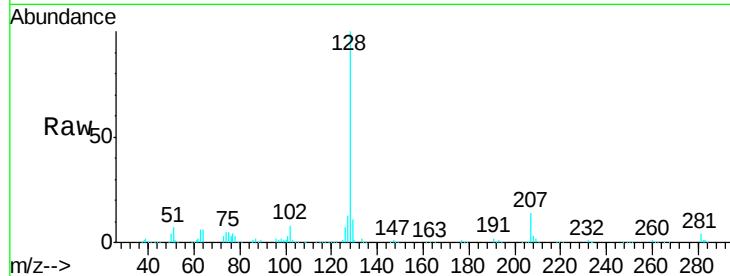




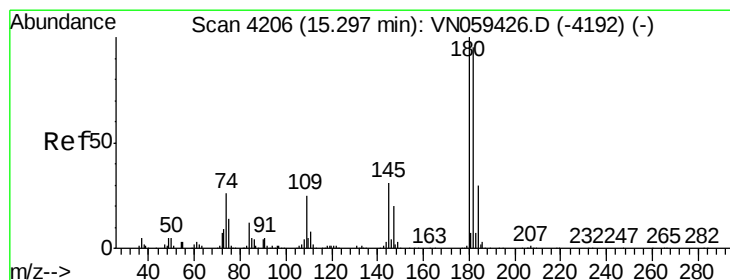
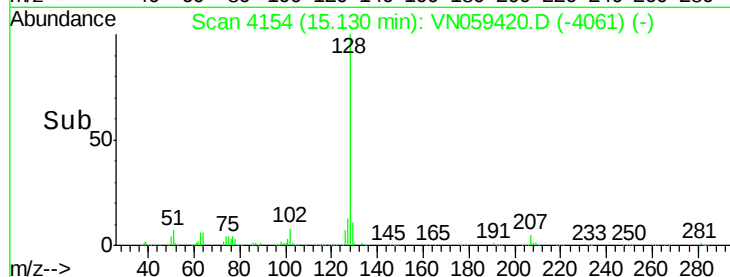
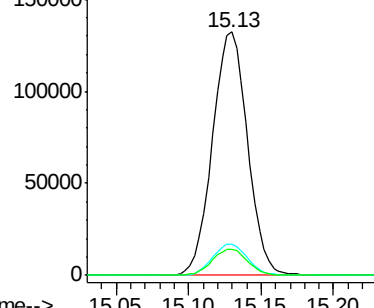
#95
Naphthalene
Concen: 17.253 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 222926
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 12.8

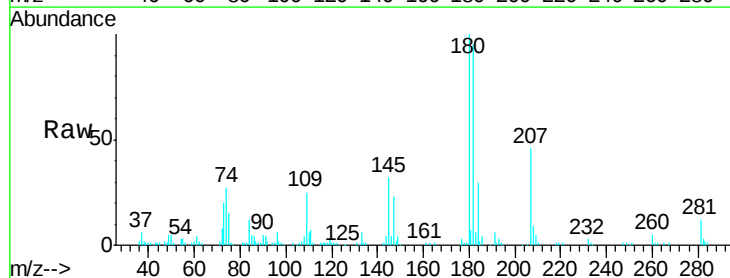


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.861 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059420.D
Acq: 27 Nov 2019 13:23

Tgt Ion:180 Resp: 87002
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 32.2 15.7 47.1



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

