

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059305.D
 Acq On : 19 Nov 2019 14:15
 Operator : JC/SP
 Sample : VN1119WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:46:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	420055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	654767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	209027	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
35) Dibromofluoromethane	7.57	113	171575	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
50) Toluene-d8	10.08	98	633679	41.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.30%	
62) 4-Bromofluorobenzene	12.40	95	232332	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88424	20.893	ug/l	98
3) Chloromethane	2.04	50	100779	17.518	ug/l	99
4) Vinyl Chloride	2.17	62	105482	18.911	ug/l	98
5) Bromomethane	2.54	94	59192	18.441	ug/l	99
6) Chloroethane	2.68	64	54805	16.610	ug/l	99
7) Trichlorofluoromethane	3.00	101	105100	15.754	ug/l	99
8) Diethyl Ether	3.39	74	44453	16.398	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	65887	16.380	ug/l	99
10) Methyl Iodide	3.93	142	74400	14.943	ug/l	98
11) Tert butyl alcohol	4.75	59	77260	78.511	ug/l	98
12) 1,1-Dichloroethene	3.71	96	65236	16.648	ug/l	96
13) Acrolein	3.58	56	28620	56.409	ug/l	98
14) Allyl chloride	4.29	41	124099	15.418	ug/l	97
15) Acrylonitrile	4.95	53	193259	78.914	ug/l	98
16) Acetone	3.79	43	185630	69.132	ug/l	100
17) Carbon Disulfide	4.03	76	211155	17.359	ug/l	99
18) Methyl Acetate	4.30	43	111352	17.471	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	217675	16.135	ug/l	99
20) Methylene Chloride	4.53	84	75669	16.176	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	71066	16.896	ug/l	96
22) Diisopropyl ether	5.92	45	235504	15.490	ug/l	96
23) Vinyl Acetate	5.87	43	930732	78.990	ug/l	100
24) 1,1-Dichloroethane	5.82	63	134040	15.785	ug/l	97
25) 2-Butanone	6.81	43	258119	72.938	ug/l	97
26) 2,2-Dichloropropane	6.80	77	111888	15.069	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	78598	16.107	ug/l	99
28) Bromochloromethane	7.17	49	35783	14.007	ug/l	95
29) Tetrahydrofuran	7.19	42	178033	79.175	ug/l	99
30) Chloroform	7.35	83	130304	15.997	ug/l	98
31) Cyclohexane	7.63	56	129680	16.132	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	108962	15.910	ug/l	99
36) 1,1-Dichloropropene	7.77	75	99162	16.202	ug/l	99
37) Ethyl Acetate	6.91	43	104654	15.371	ug/l	99
38) Carbon Tetrachloride	7.75	117	95346	15.652	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.07	83	121680	17.131	ug/l	97
40) Benzene	8.02	78	299929	16.274	ug/l	100
41) Methacrylonitrile	7.18	41	150791	50.932	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	101748	16.097	ug/l	100
43) Isopropyl Acetate	8.15	43	159931	14.734	ug/l	98
44) Trichloroethene	8.82	130	74185	16.375	ug/l	99
45) 1,2-Dichloropropane	9.10	63	77904	15.562	ug/l	100
46) Dibromomethane	9.19	93	48735	15.623	ug/l	97
47) Bromodichloromethane	9.39	83	96270	15.455	ug/l	97
48) Methyl methacrylate	9.18	41	72465	14.925	ug/l	98
49) 1,4-Dioxane	9.19	88	27502	318.740	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	502658	81.843	ug/l	100
52) Toluene	10.15	92	181159	16.400	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	111153	15.445	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	121550	15.702	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	69838	15.622	ug/l	99
56) Ethyl methacrylate	10.42	69	101205	14.938	ug/l	99
57) 1,3-Dichloropropane	10.70	76	122734	15.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	140589	56.507	ug/l	99
59) 2-Hexanone	10.74	43	367166	77.887	ug/l	99
60) Dibromochloromethane	10.90	129	71786	15.187	ug/l	99
61) 1,2-Dibromoethane	11.00	107	72677	16.059	ug/l	99
64) Tetrachloroethene	10.63	164	65290	16.549	ug/l	98
65) Chlorobenzene	11.43	112	187252	16.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	67816	15.984	ug/l	98
67) Ethyl Benzene	11.51	91	336554	16.771	ug/l	99
68) m/p-Xylenes	11.62	106	250520	33.327	ug/l	98
69) o-Xylene	11.95	106	119805	16.492	ug/l	99
70) Styrene	11.96	104	184726	16.169	ug/l	99
71) Bromoform	12.12	173	51486	15.601	ug/l #	99
73) Isopropylbenzene	12.25	105	319147	16.789	ug/l	100
74) N-amyl acetate	12.07	43	121225	15.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	104195	16.095	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	136071	22.870	ug/l #	100
77) Bromobenzene	12.53	156	76835	16.088	ug/l	98
78) n-propylbenzene	12.59	91	362615	16.660	ug/l	99
79) 2-Chlorotoluene	12.68	91	218616	16.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	267026	16.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34514	15.322	ug/l	95
82) 4-Chlorotoluene	12.77	91	223498	16.503	ug/l	100
83) tert-Butylbenzene	12.99	119	227939	16.386	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	260203	16.697	ug/l	99
85) sec-Butylbenzene	13.17	105	302316	16.711	ug/l	100
86) p-Isopropyltoluene	13.29	119	265514	16.622	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	132982	16.260	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	130375	15.933	ug/l	100
89) n-Butylbenzene	13.62	91	226805	16.223	ug/l	100
90) Hexachloroethane	13.88	117	49072	15.299	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	129752	16.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20613	15.978	ug/l	95

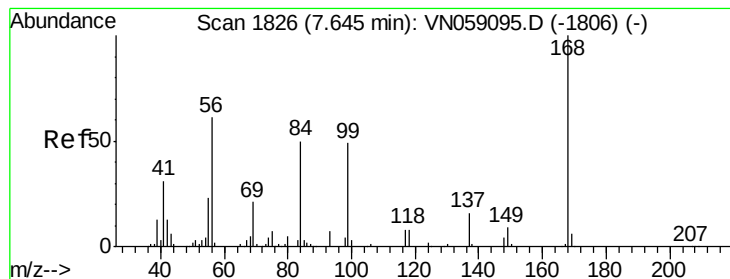
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	68843	16.291	ug/l	99
94) Hexachlorobutadiene	15.01	225	46990	16.939	ug/l	99
95) Naphthalene	15.13	128	185186	15.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	68803	15.260	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

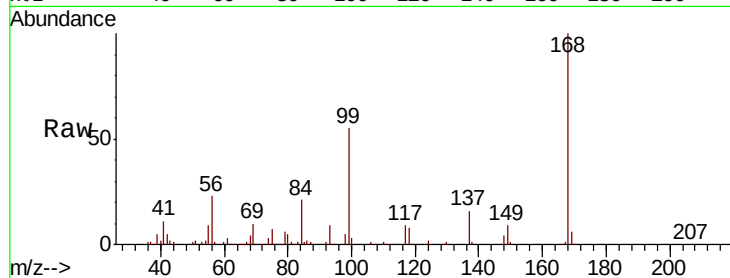
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 420055

Ion Ratio Lower Upper

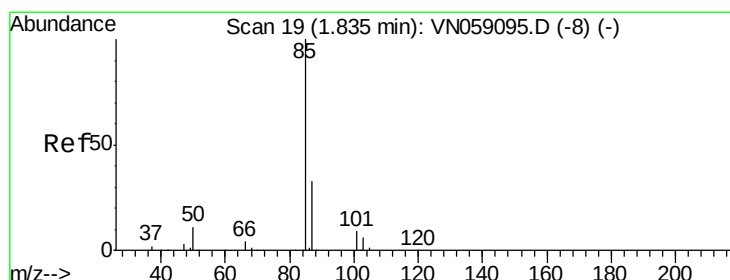
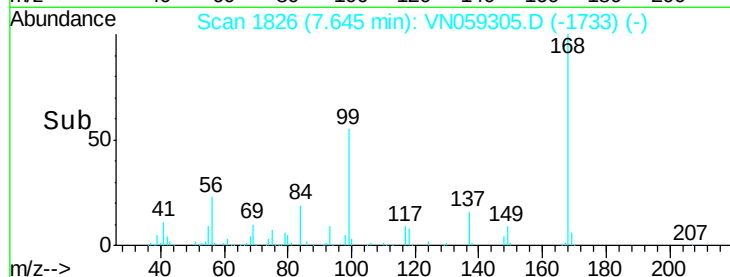
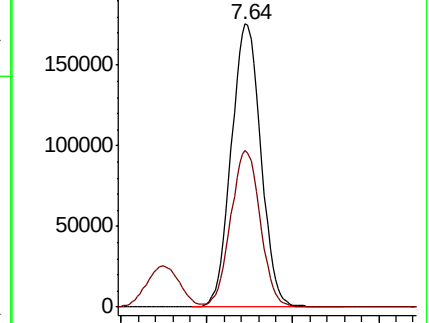
168 100

99 55.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.893 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059305.D

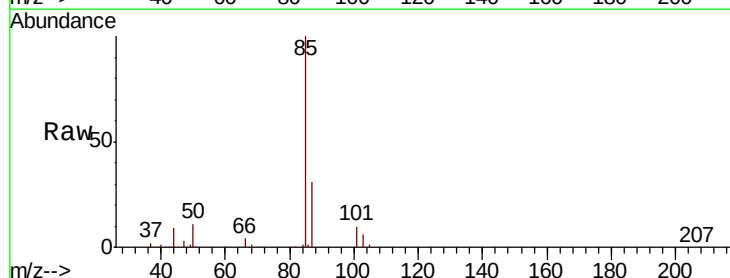
Acq: 19 Nov 2019 14:15

Tgt Ion: 85 Resp: 88424

Ion Ratio Lower Upper

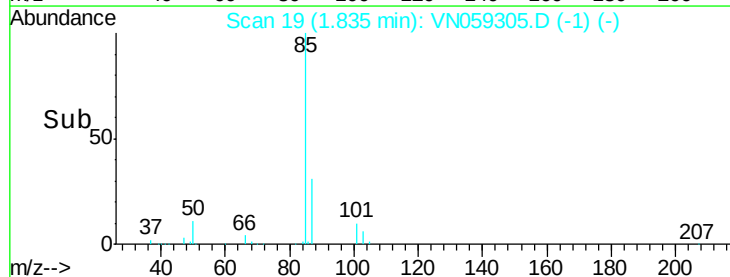
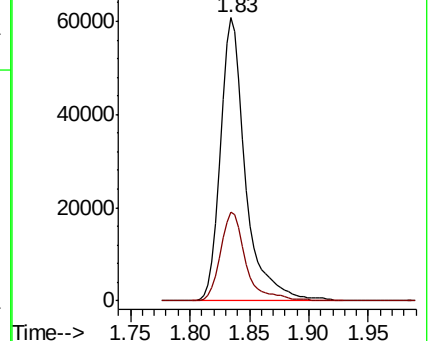
85 100

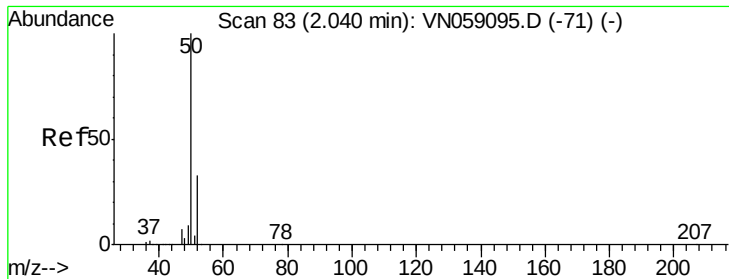
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.518 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

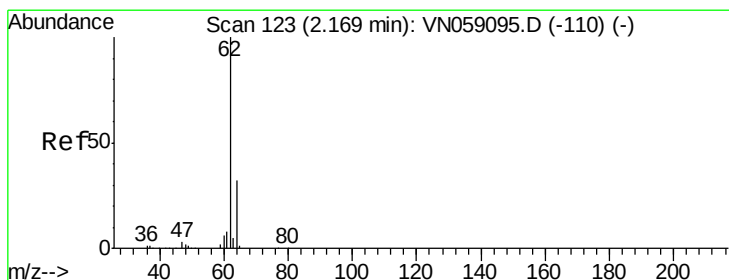
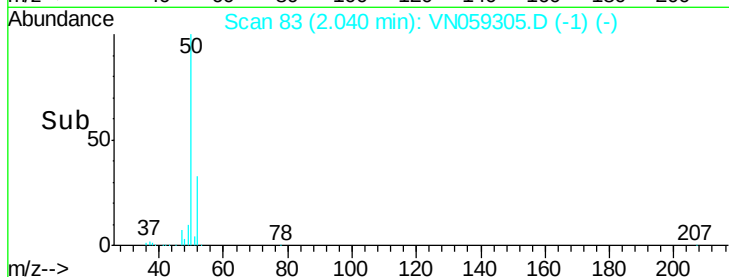
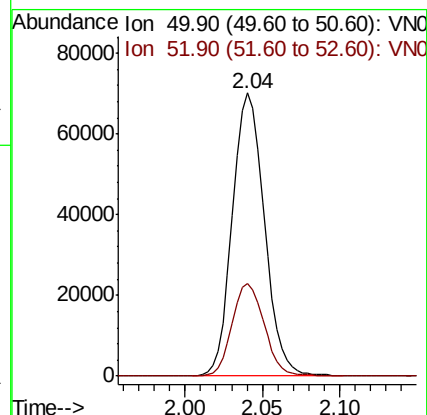
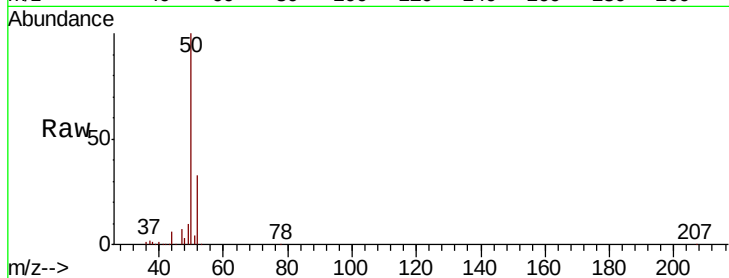
ClientSampled :

Tot Ion: 50 Resp: 100779

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 18.911 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059305.D

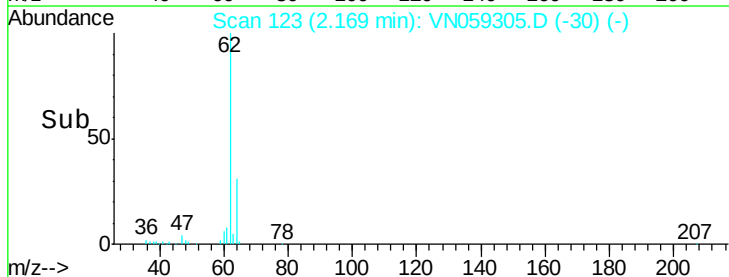
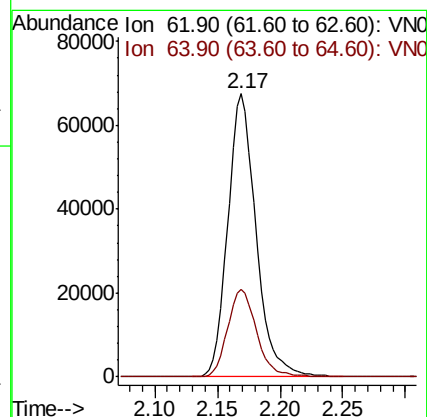
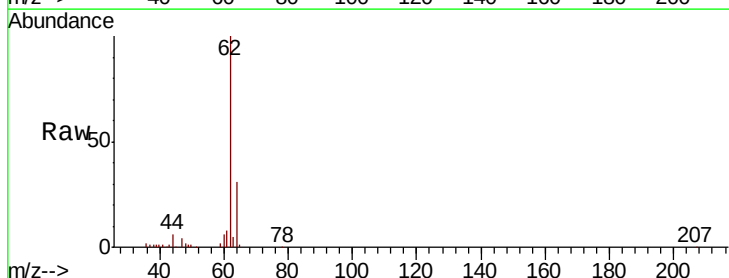
Acq: 19 Nov 2019 14:15

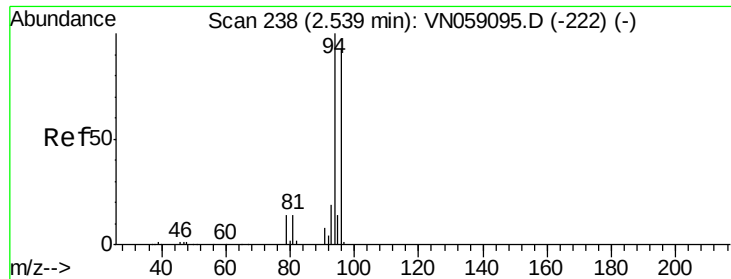
Tgt Ion: 62 Resp: 105482

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 18.441 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

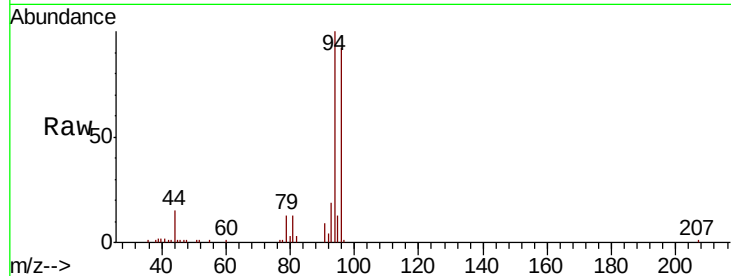
ClientSampleId :

Tot Ion: 94 Resp: 59192

Ion Ratio Lower Upper

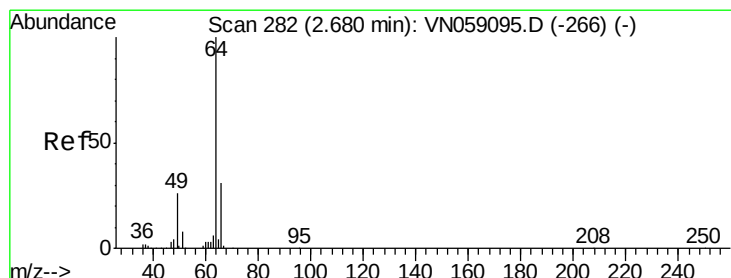
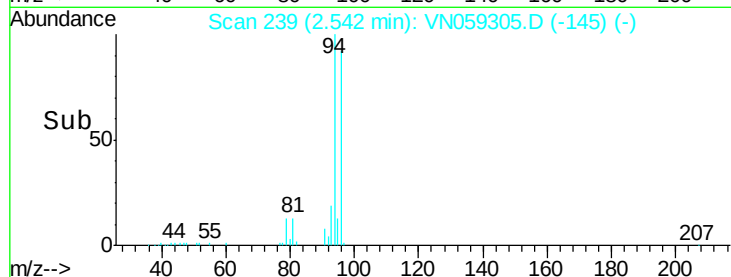
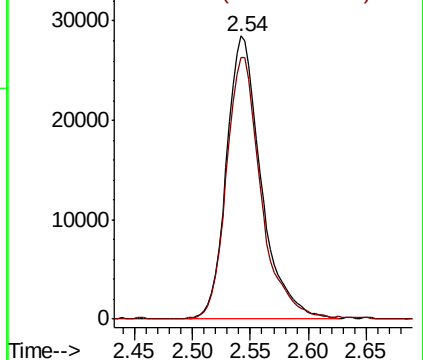
94 100

96 91.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.610 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059305.D

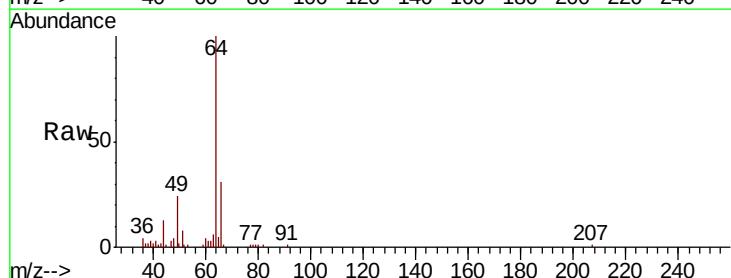
Acq: 19 Nov 2019 14:15

Tgt Ion: 64 Resp: 54805

Ion Ratio Lower Upper

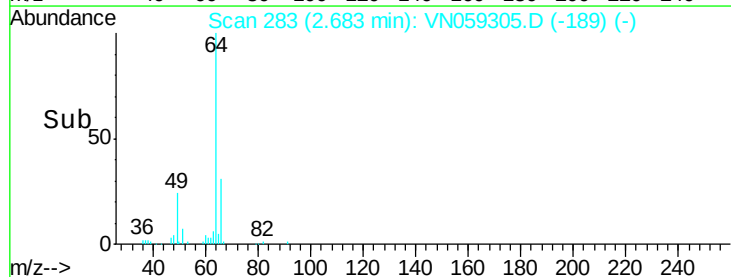
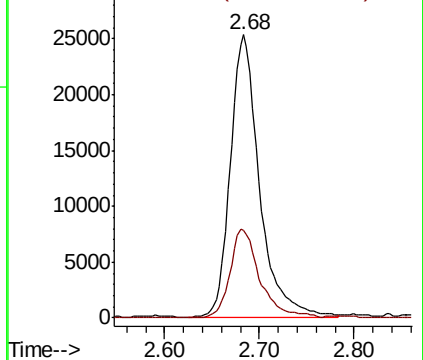
64 100

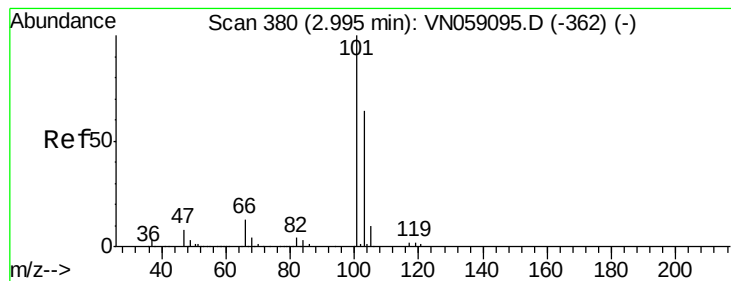
66 31.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



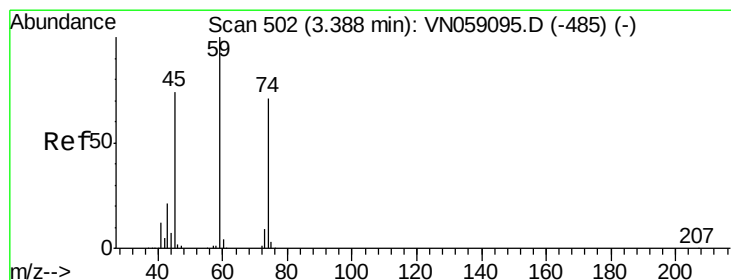
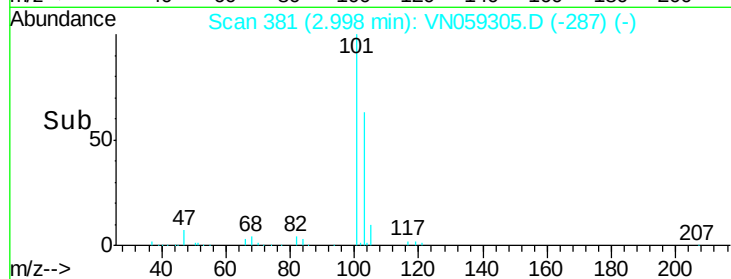
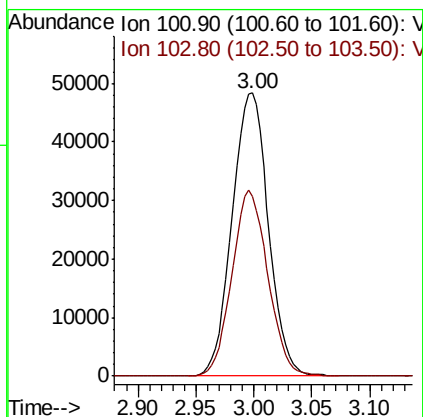
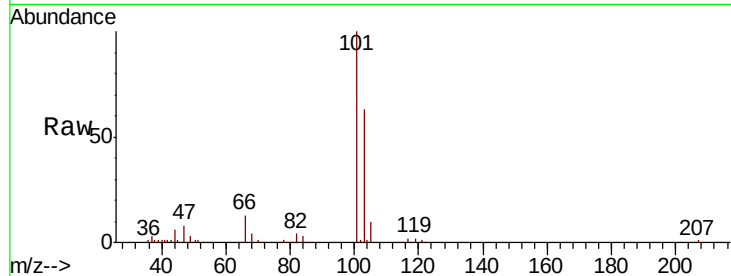


#7

Trichlorofluoromethane
 Concen: 15.754 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Instrument :
 MSVOA_N
 ClientSampled :

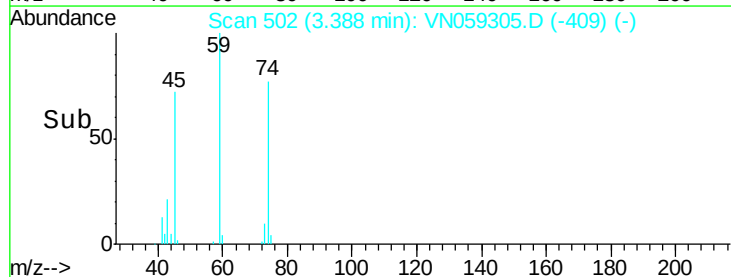
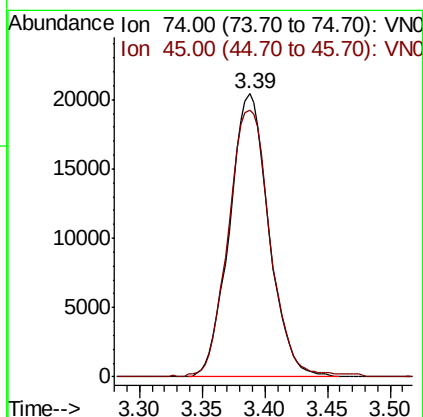
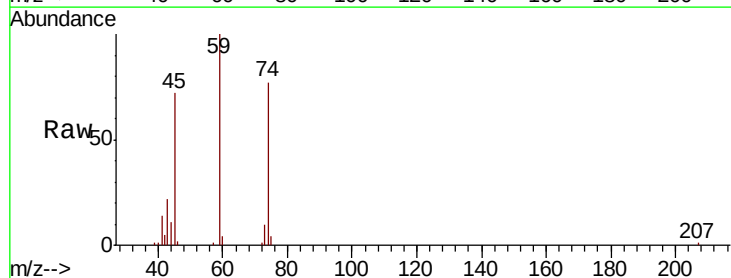
Tot Ion:101 Resp: 105100
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8

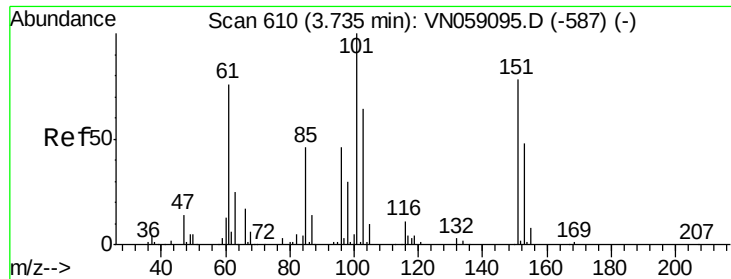


#8

Diethyl Ether
 Concen: 16.398 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion: 74 Resp: 44453
 Ion Ratio Lower Upper
 74 100
 45 100.3 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.380 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

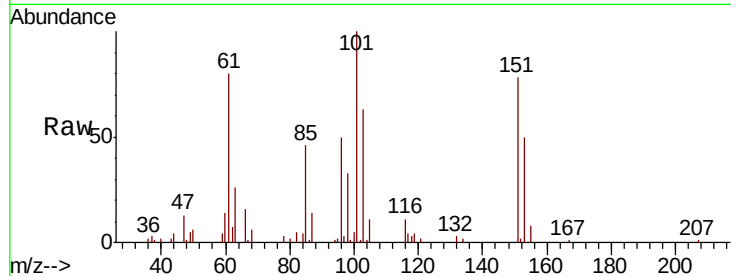
Tot Ion:101 Resp: 65887

Ion Ratio Lower Upper

101 100

85 45.4 35.5 53.3

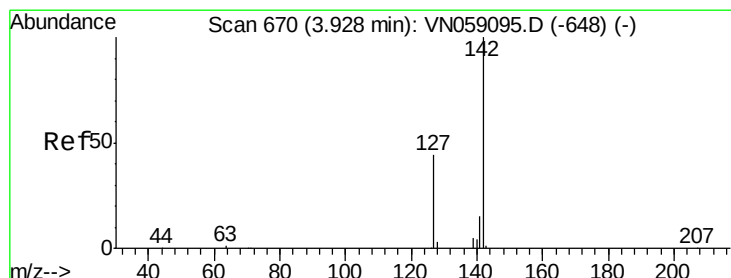
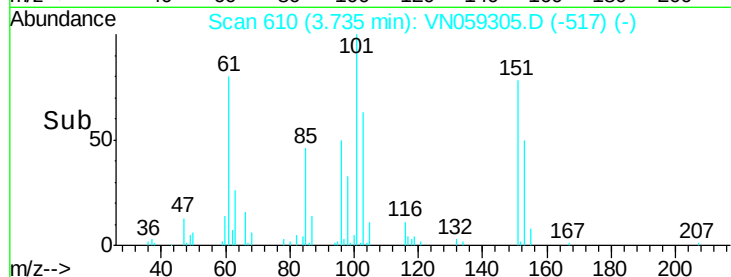
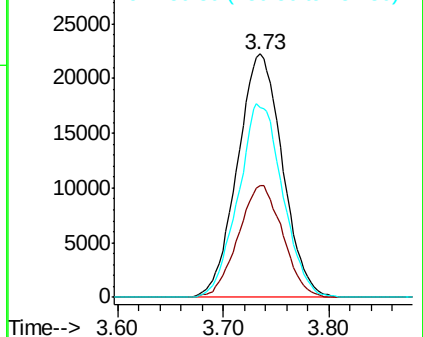
151 78.6 62.2 93.2



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: 14.943 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

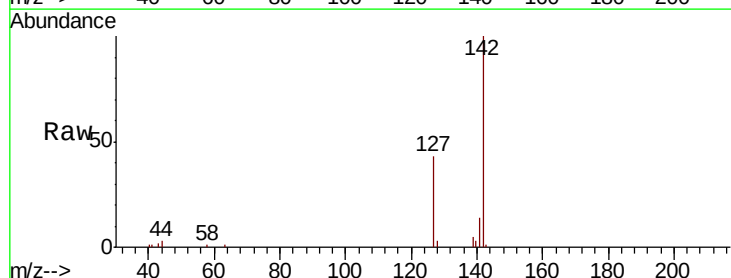
Tgt Ion:142 Resp: 74400

Ion Ratio Lower Upper

142 100

127 41.9 34.2 51.2

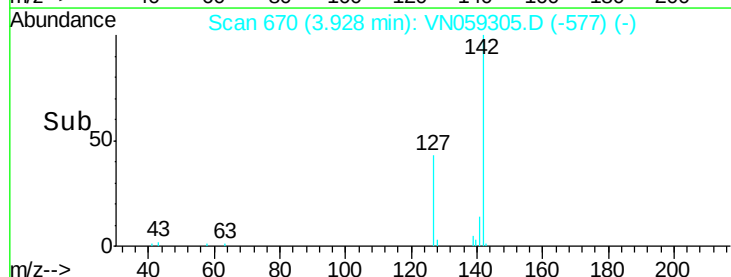
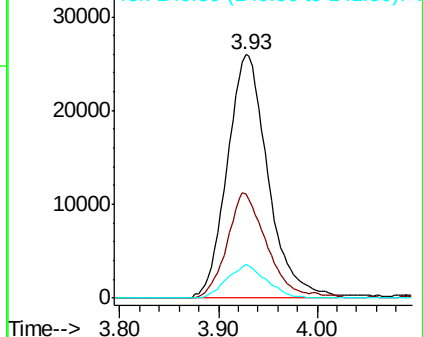
141 13.2 11.4 17.0

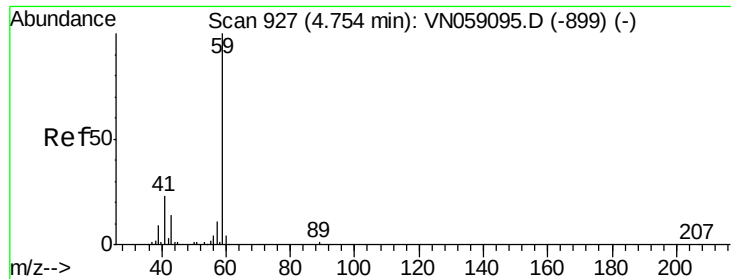


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



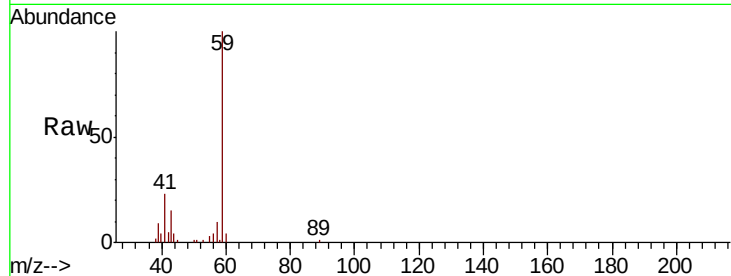


#11

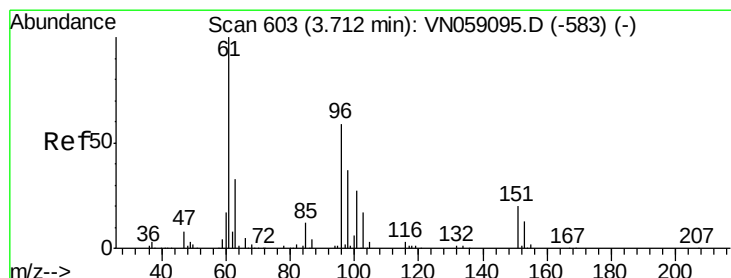
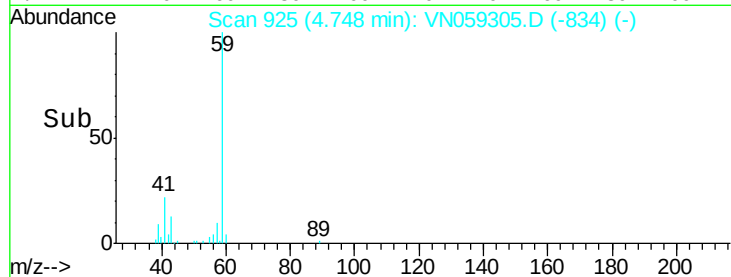
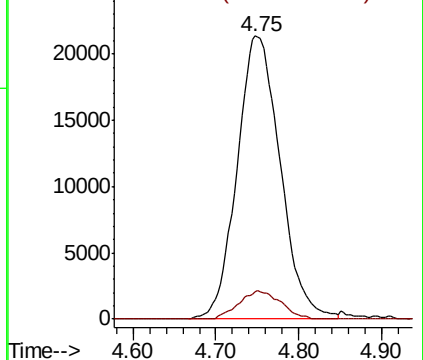
Tert butyl alcohol
Concen: 78.511 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 77260
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



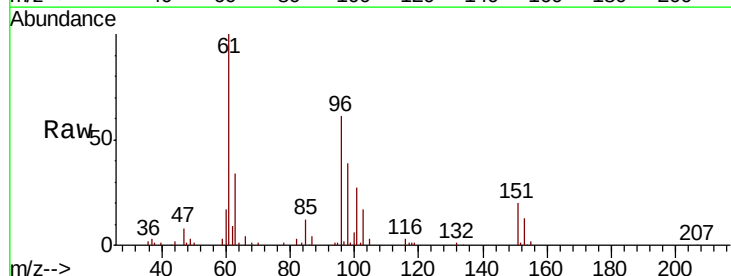
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



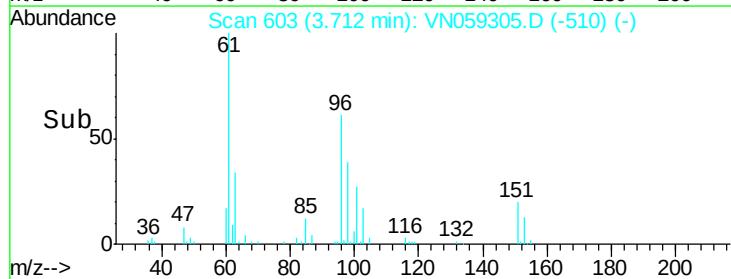
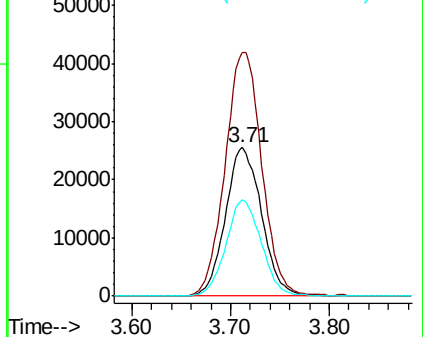
#12

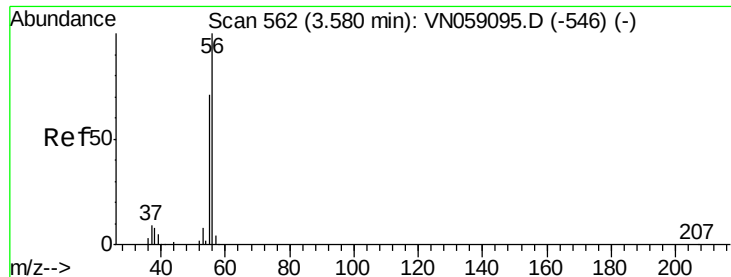
1,1-Dichloroethene
Concen: 16.648 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 96 Resp: 65236
Ion Ratio Lower Upper
96 100
61 163.4 136.5 204.7
98 64.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 56.409 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

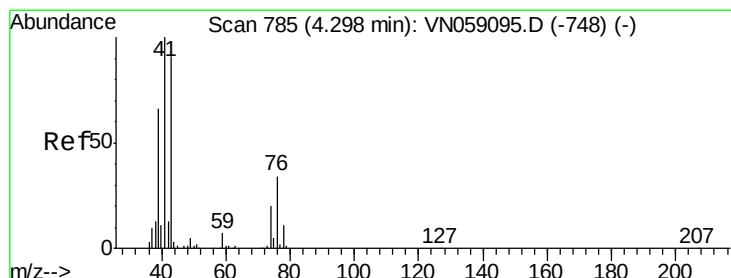
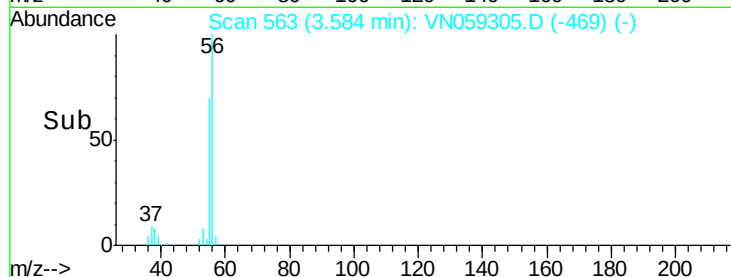
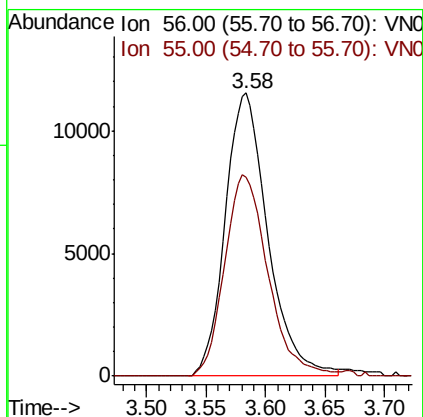
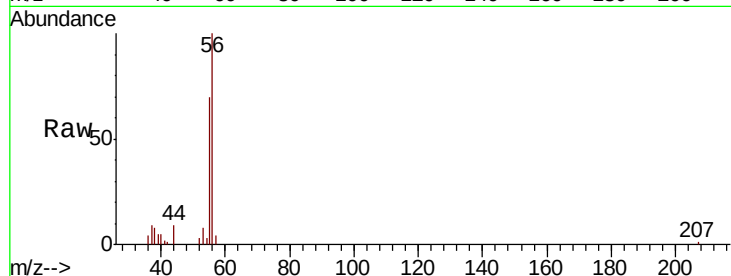
ClientSampled :

Tot Ion: 56 Resp: 28620

Ion Ratio Lower Upper

56 100

55 72.4 56.4 84.6



#14

Allyl chloride

Concen: 15.418 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

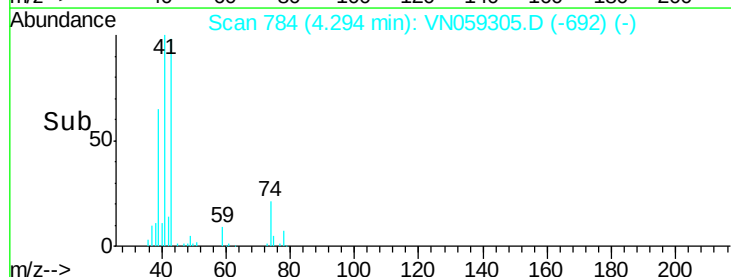
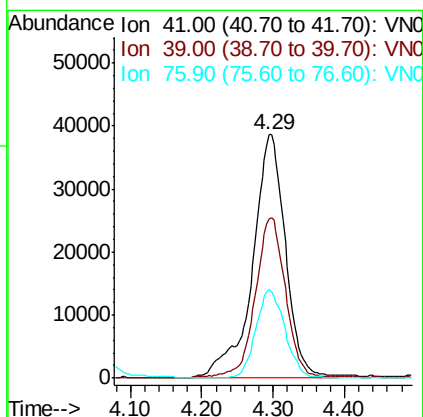
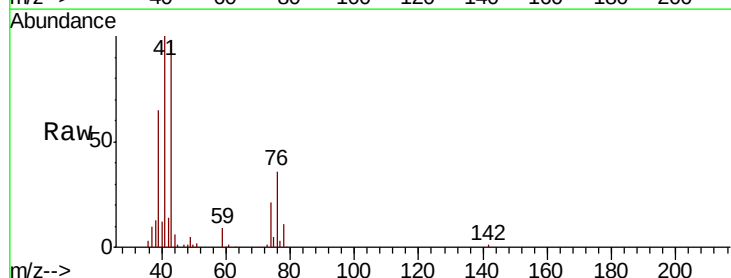
Tgt Ion: 41 Resp: 124099

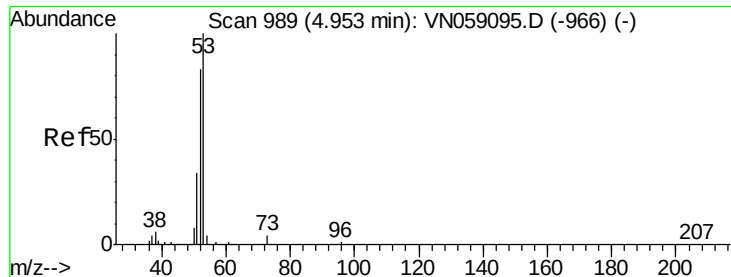
Ion Ratio Lower Upper

41 100

39 58.7 49.1 73.7

76 31.9 24.9 37.3





#15

Acrylonitrile

Concen: 78.914 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

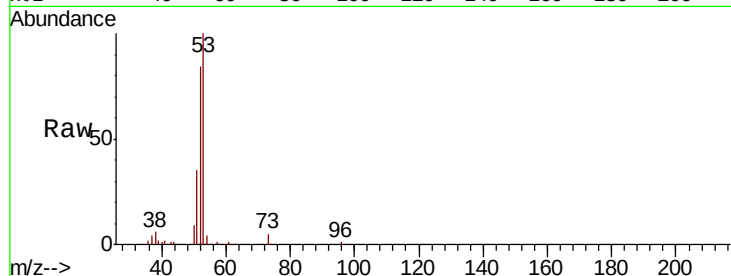
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 193259

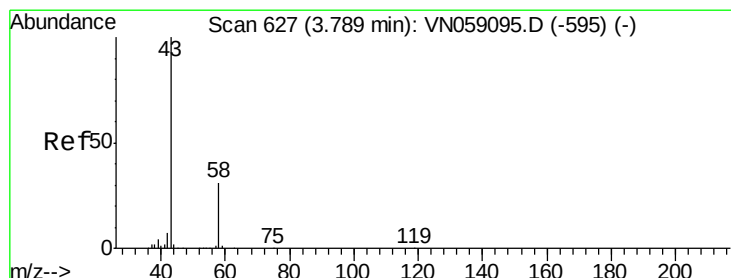
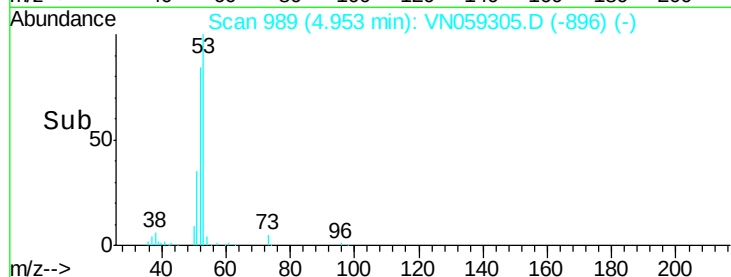
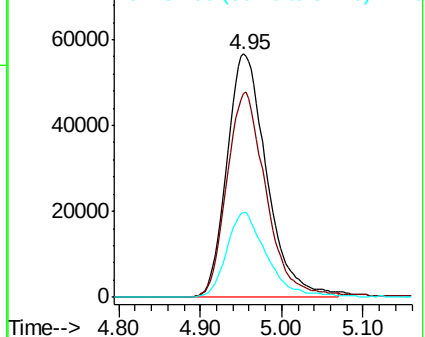
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.0	97.6
51	34.3	28.0	42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 69.132 ug/l

RT: 3.79 min Scan# 627

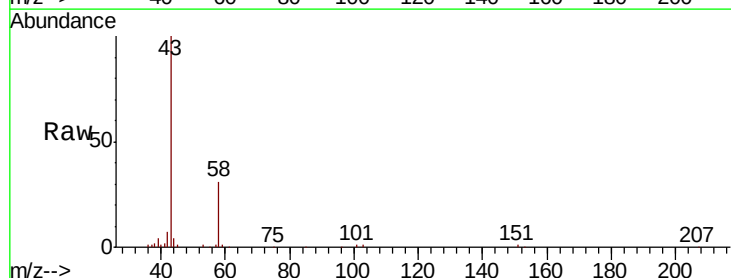
Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

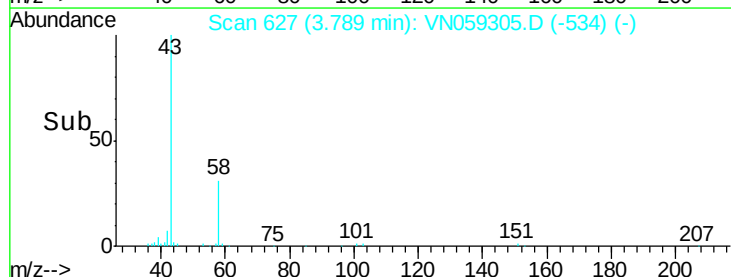
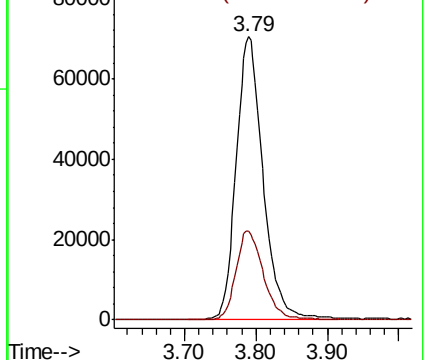
Tgt Ion: 43 Resp: 185630

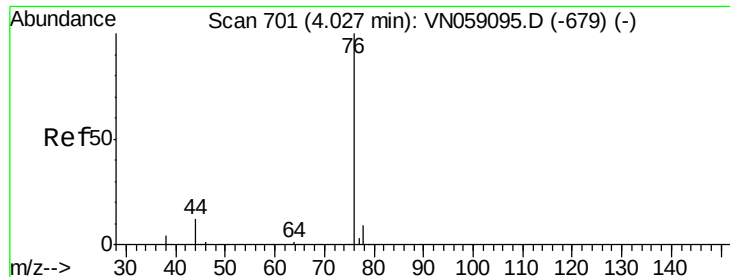
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

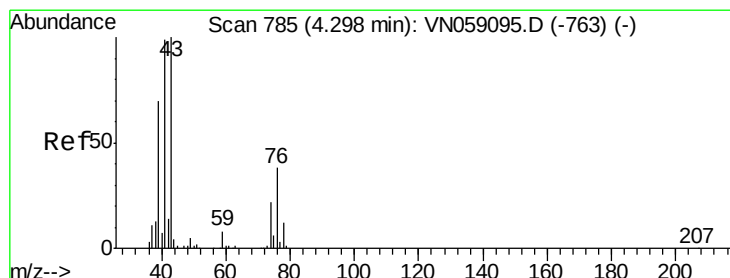
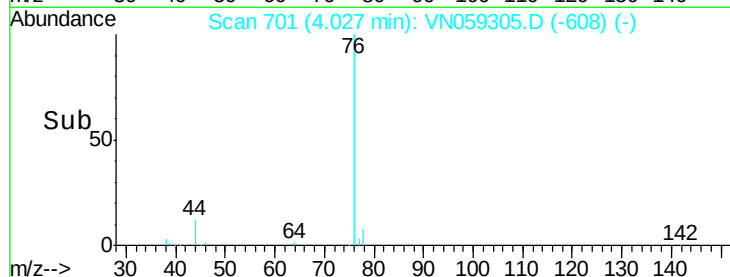
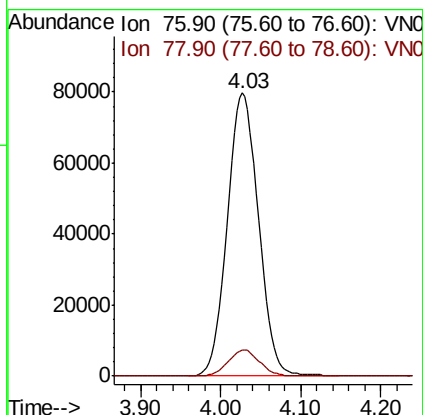
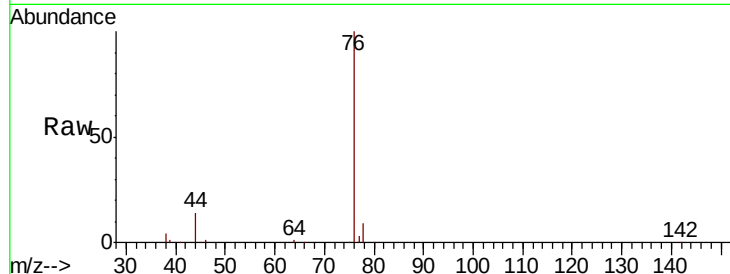




#17
Carbon Disulfide
Concen: 17.359 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

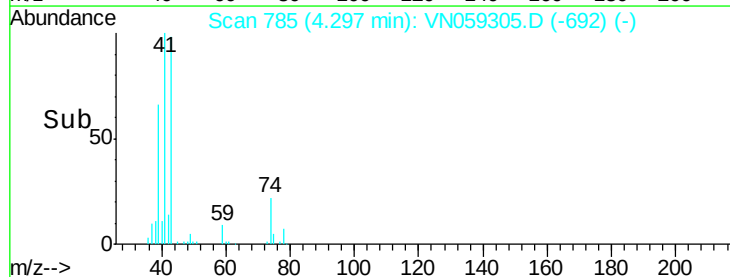
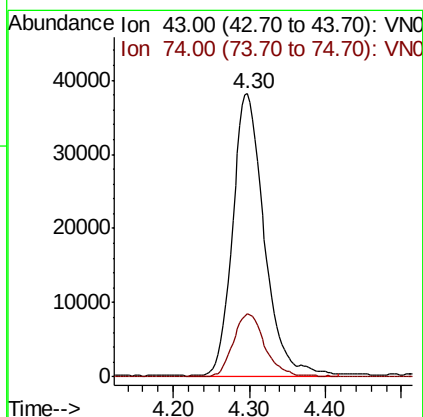
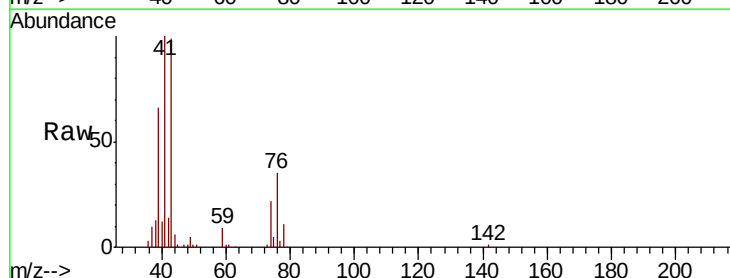
Instrument :
MSVOA_N
ClientSampleId :

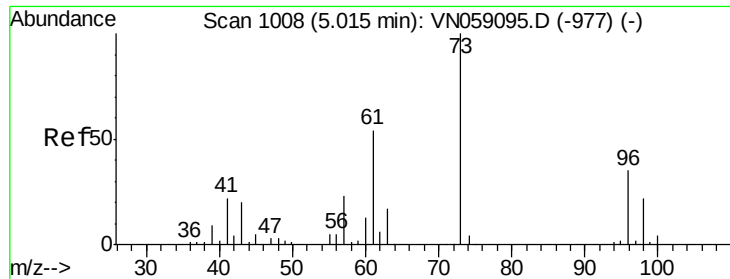
Tot Ion: 76 Resp: 211155
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.471 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 43 Resp: 111352
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8

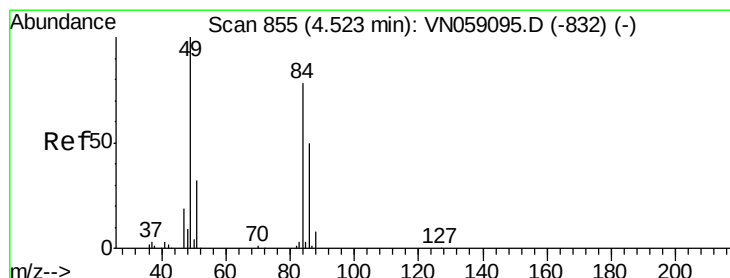
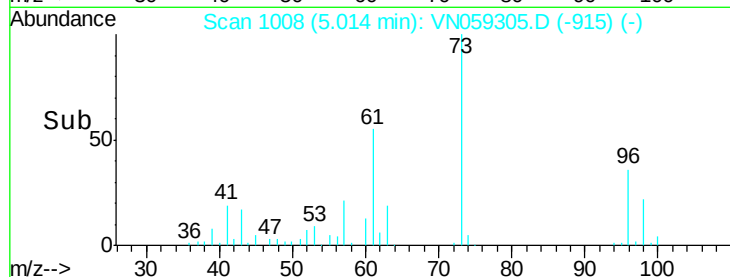
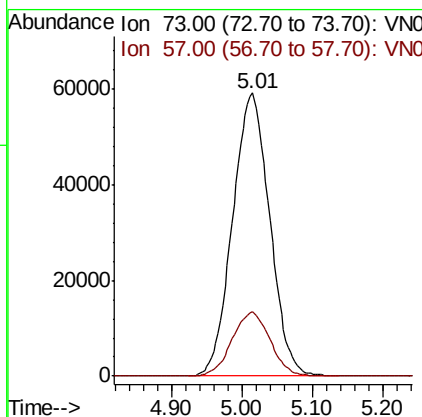
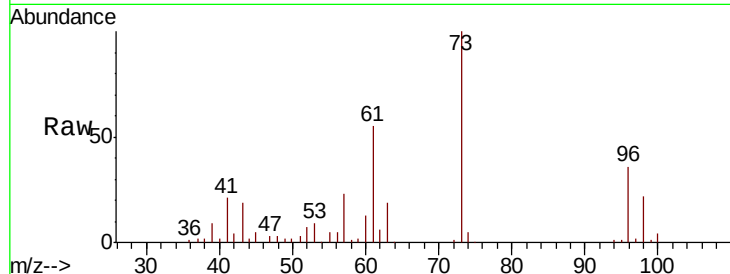




#19
Methyl tert-butyl Ether
Concen: 16.135 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

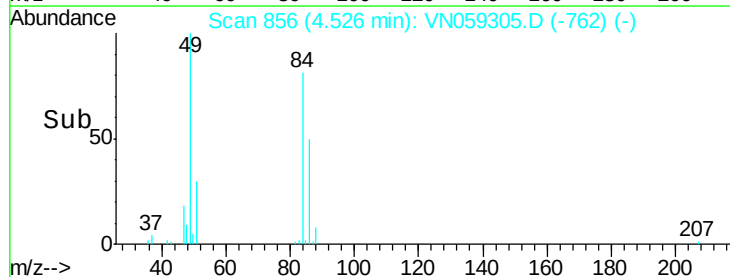
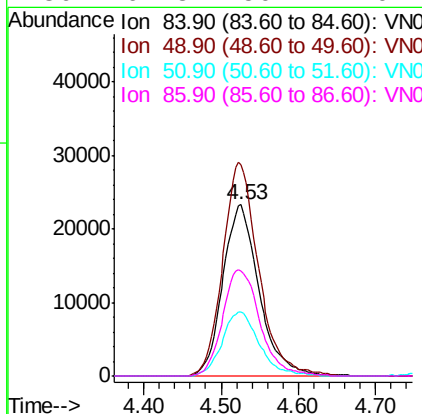
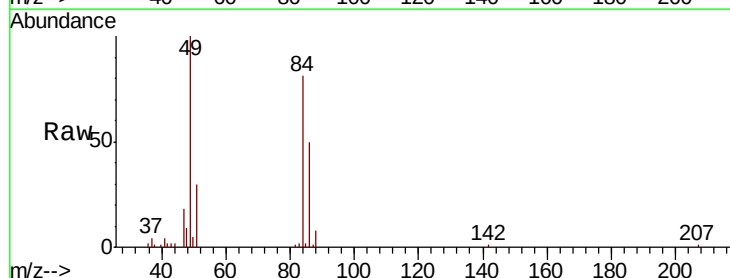
Instrument :
MSVOA_N
ClientSampleId :

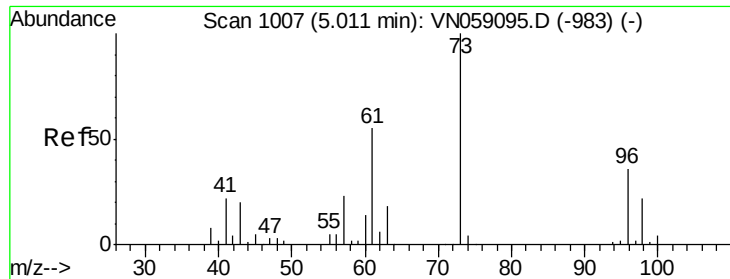
Tot Ion: 73 Resp: 217675
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6



#20
Methylene Chloride
Concen: 16.176 ug/l
RT: 4.53 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 84 Resp: 75669
Ion Ratio Lower Upper
84 100
49 123.3 102.0 153.0
51 37.6 32.2 48.2
86 61.3 50.7 76.1

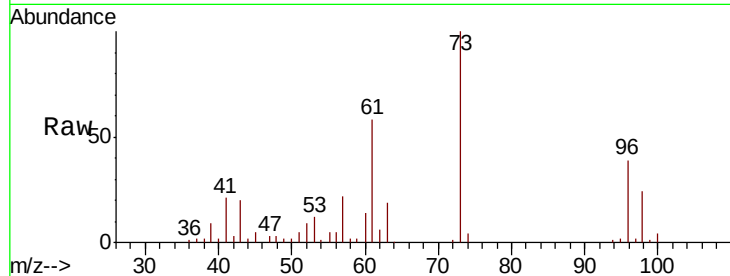




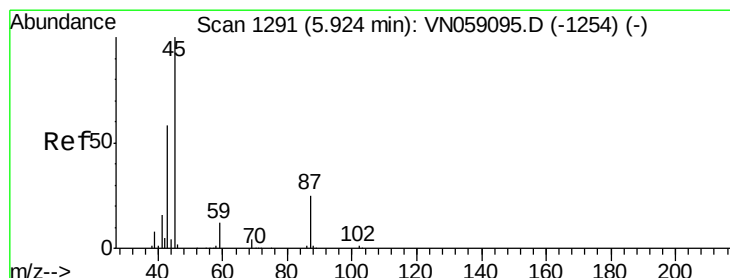
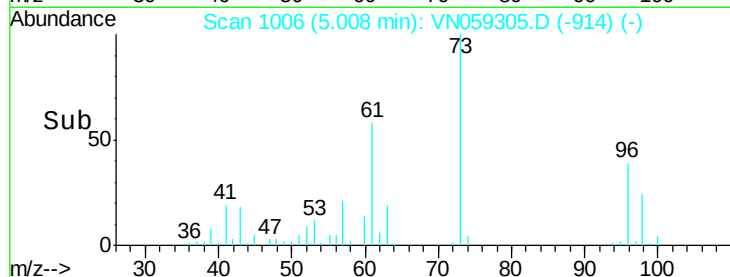
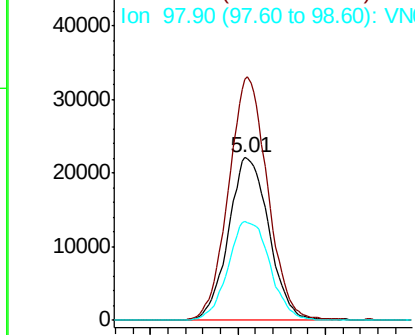
#21
trans-1,2-Dichloroethene
Concen: 16.896 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 71066
Ion Ratio Lower Upper
96 100
61 147.3 122.6 183.8
98 60.6 50.3 75.5

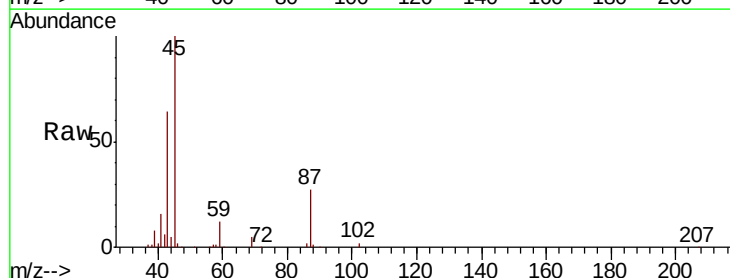


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

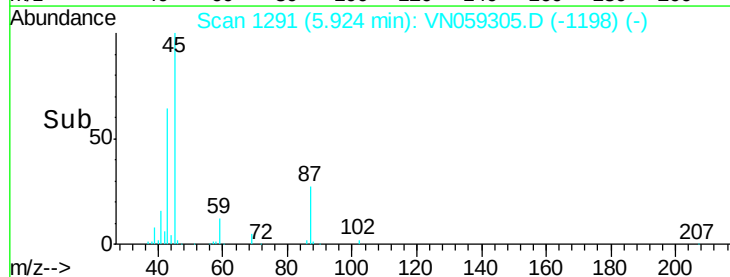
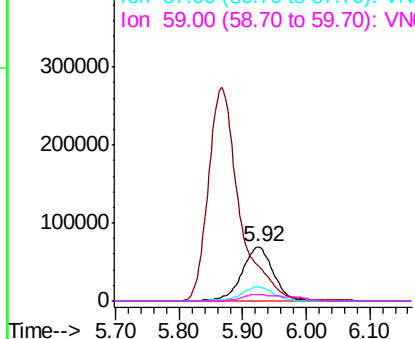


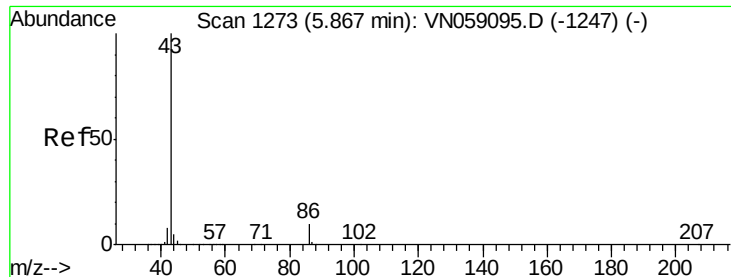
#22
Diisopropyl ether
Concen: 15.490 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 45 Resp: 235504
Ion Ratio Lower Upper
45 100
43 62.6 46.7 70.1
87 26.7 20.5 30.7
59 11.7 9.6 14.4



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: 78.990 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

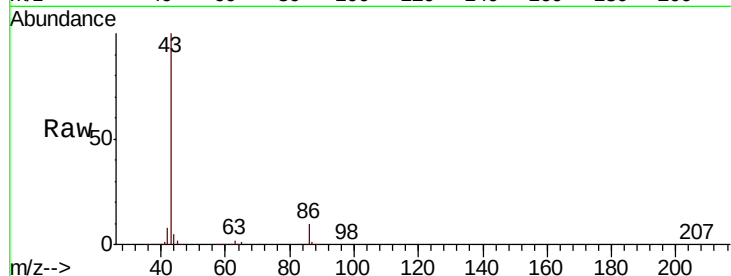
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 930732

Ion Ratio Lower Upper

43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

300000

250000

200000

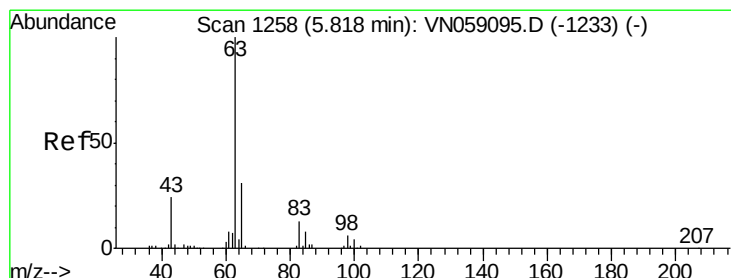
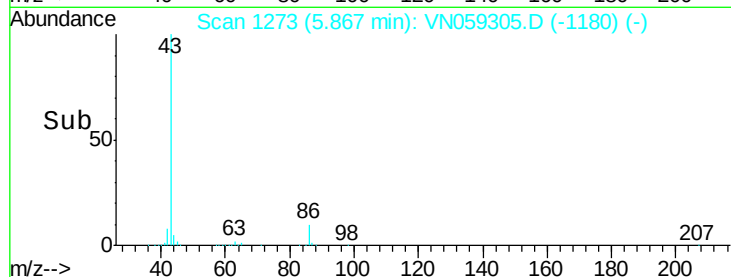
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 15.785 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

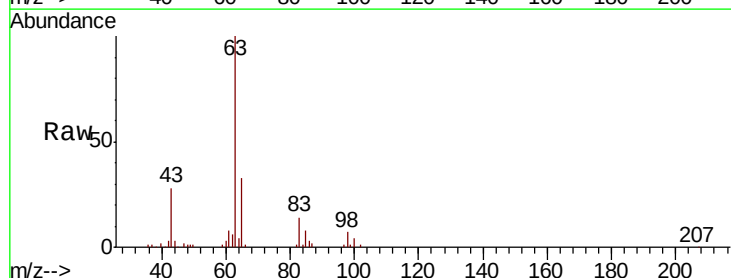
Tgt Ion: 63 Resp: 134040

Ion Ratio Lower Upper

63 100

98 7.1 2.8 8.4

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.82

50000

40000

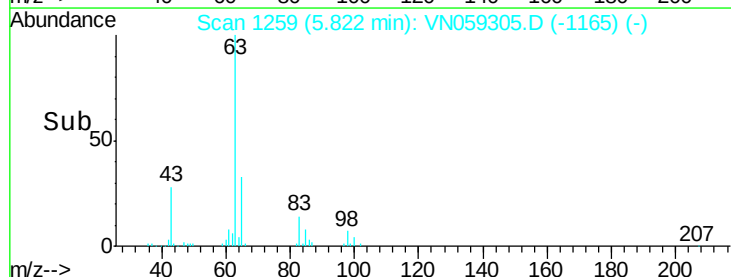
30000

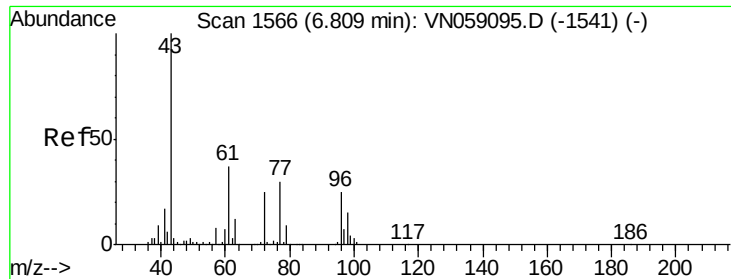
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 72.938 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

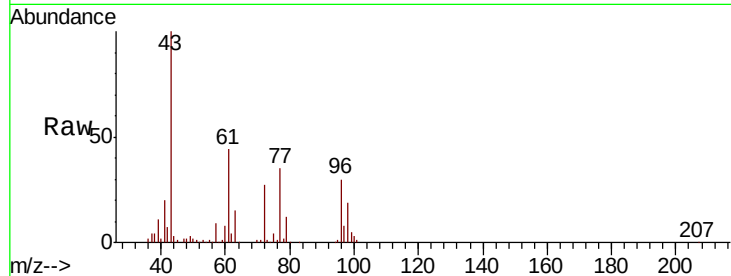
ClientSampled :

Tot Ion: 43 Resp: 258119

Ion Ratio Lower Upper

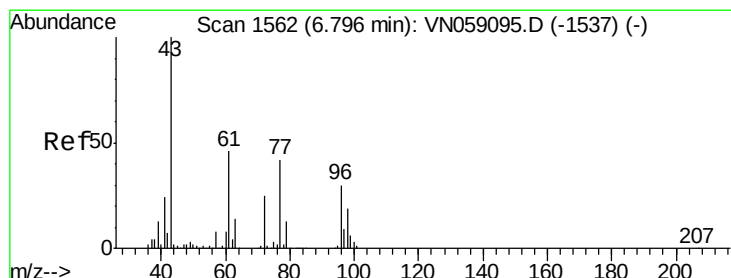
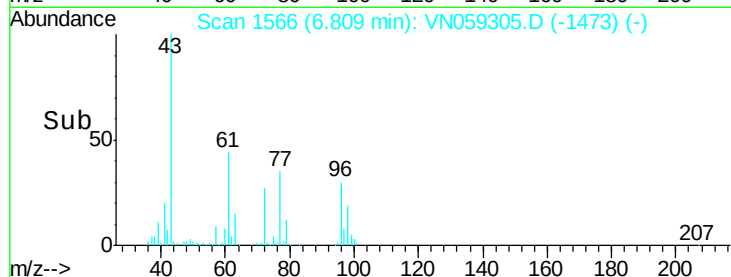
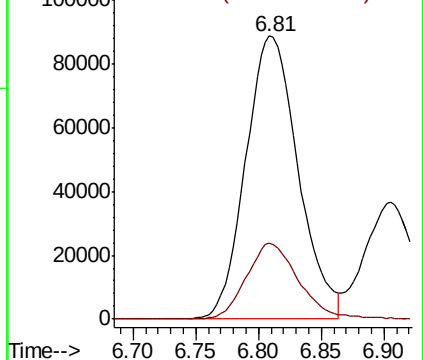
43 100

72 27.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.069 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059305.D

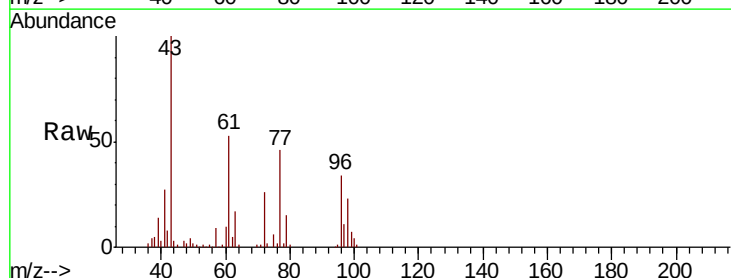
Acq: 19 Nov 2019 14:15

Tgt Ion: 77 Resp: 111888

Ion Ratio Lower Upper

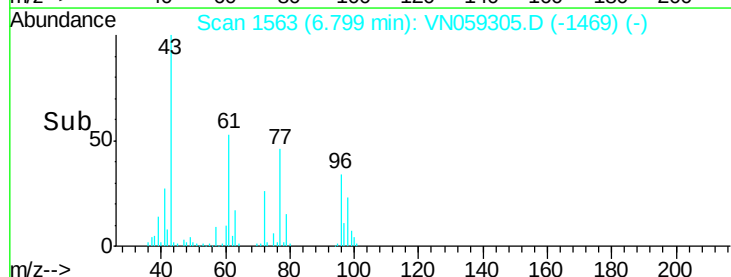
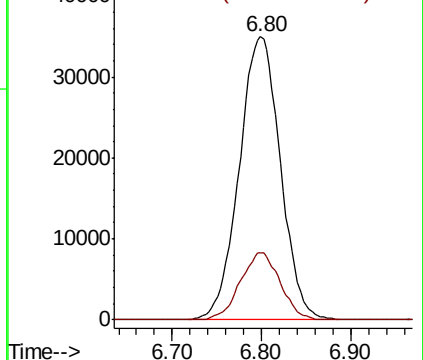
77 100

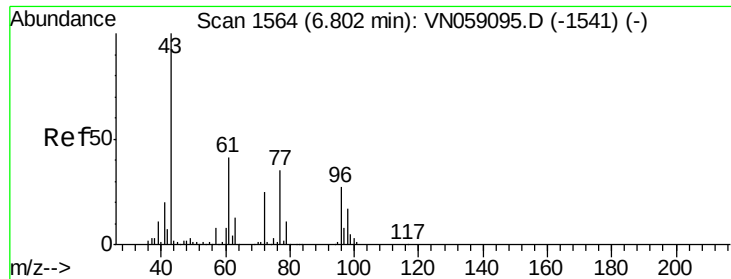
97 22.9 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

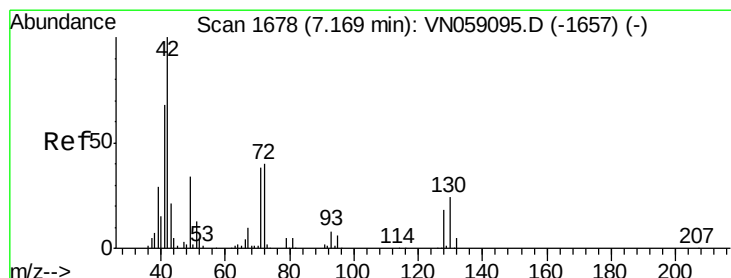
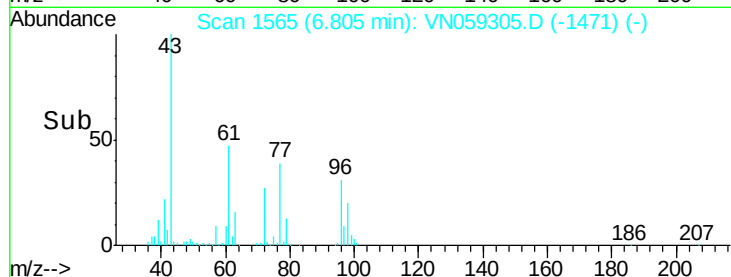
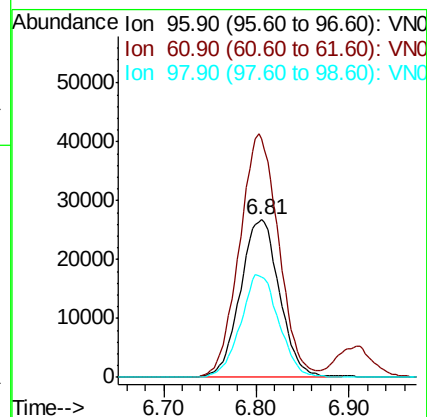
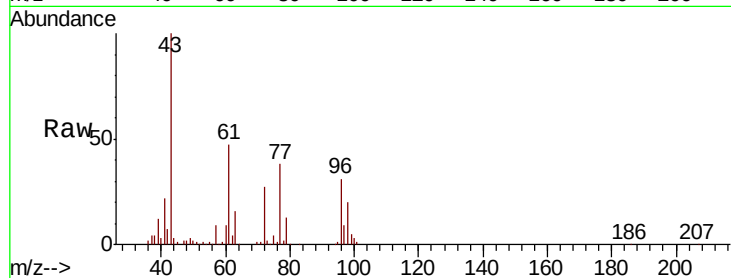




#27
 cis-1,2-Dichloroethene
 Concen: 16.107 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

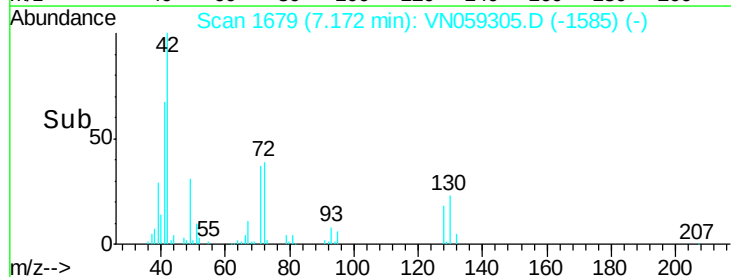
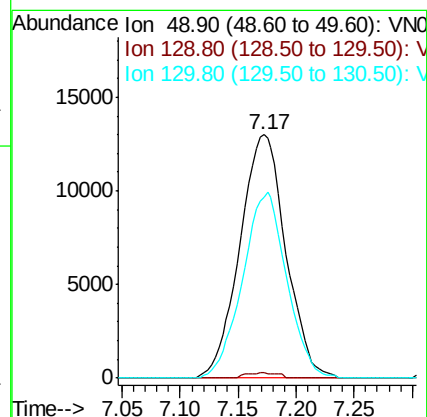
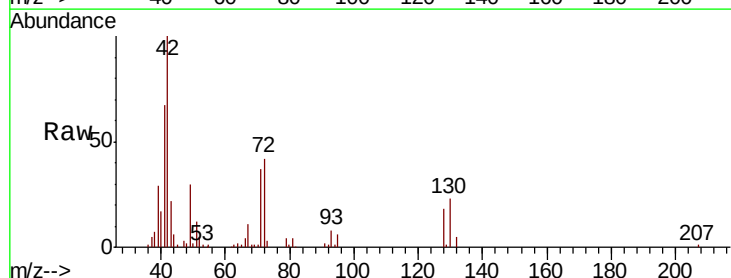
Instrument :
 MSVOA_N
 ClientSampled :

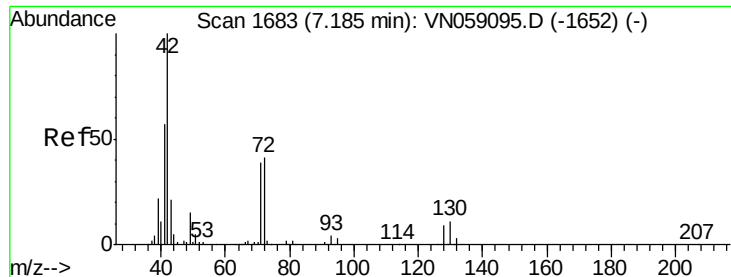
Tot Ion	96	Resp	78598
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	311.6
98	63.5	0.0	129.8



#28
 Bromochloromethane
 Concen: 14.007 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion	49	Resp	35783
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	73.5	55.6	83.4

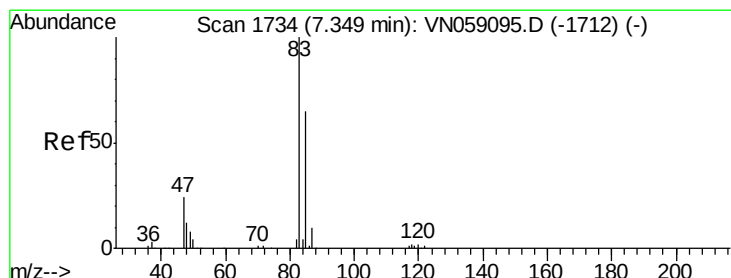
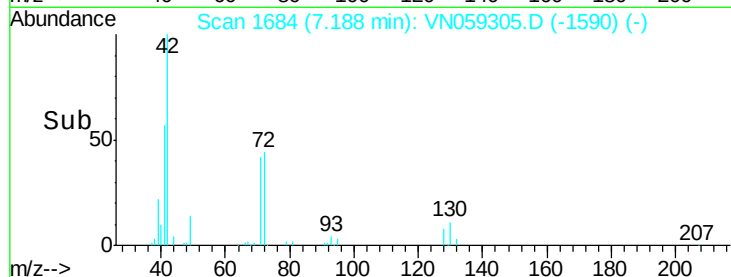
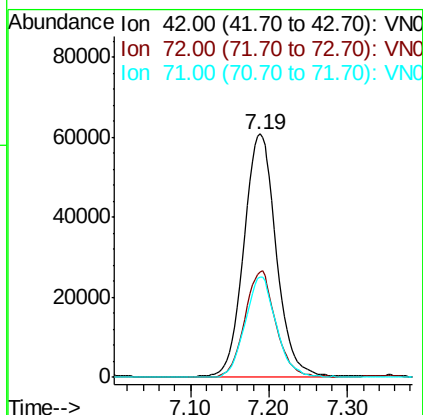
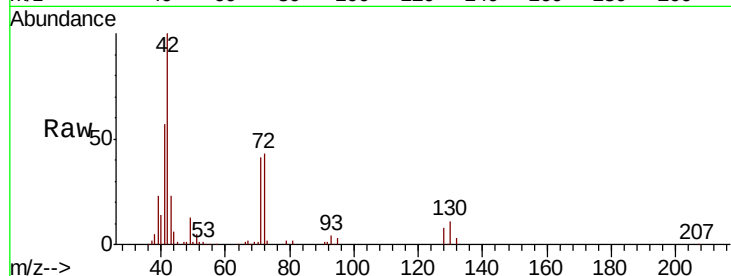




#29
Tetrahydrofuran
Concen: 79.175 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

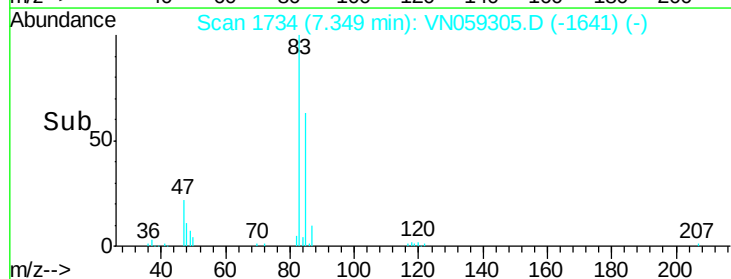
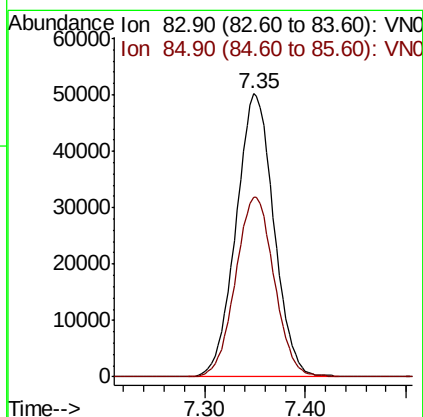
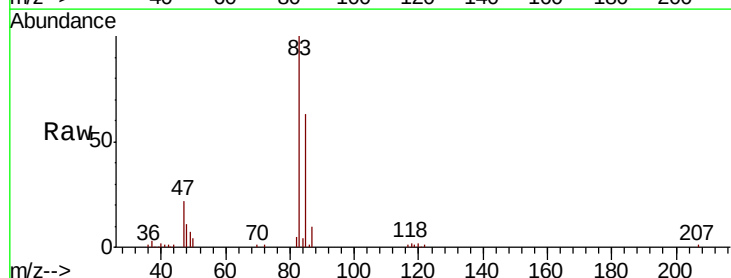
Instrument :
MSVOA_N
ClientSampled :

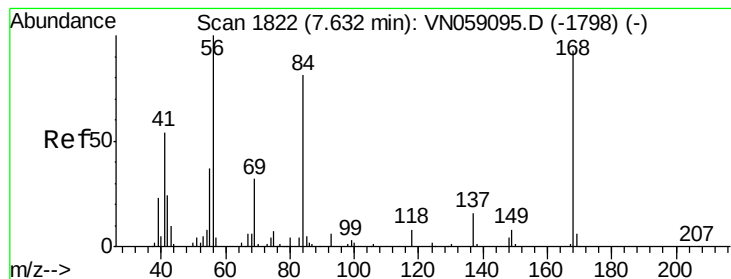
Tot Ion: 42 Resp: 178033
Ion Ratio Lower Upper
42 100
72 41.7 33.1 49.7
71 39.6 30.9 46.3



#30
Chloroform
Concen: 15.997 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 83 Resp: 130304
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.8





#31

Cyclohexane

Concen: 16.132 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

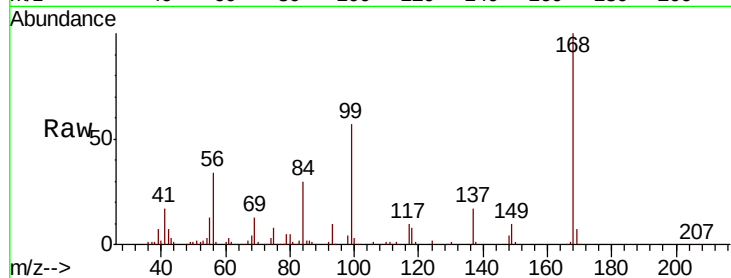
Tot Ion: 56 Resp: 129680

Ion Ratio Lower Upper

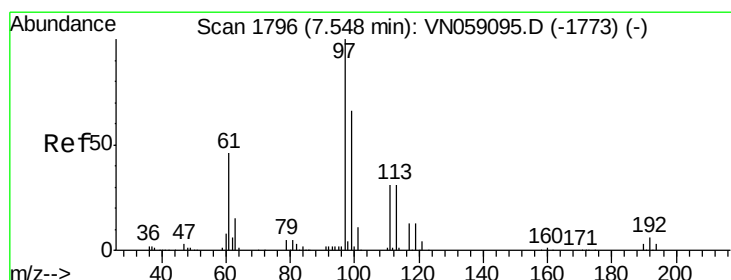
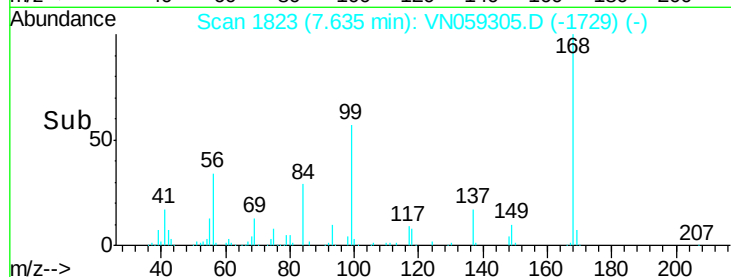
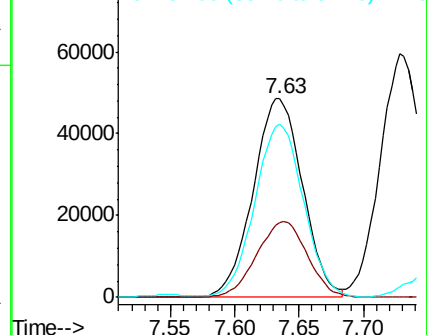
56 100

69 37.5 25.8 38.8

84 86.1 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 15.910 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

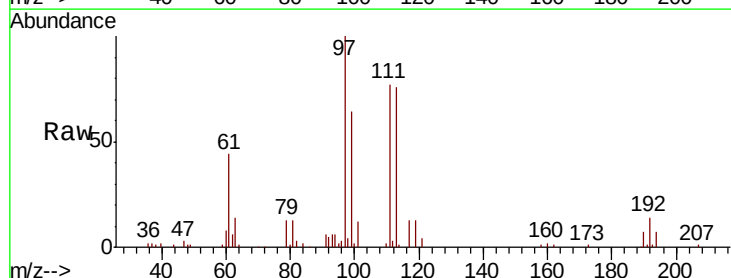
Tgt Ion: 97 Resp: 108962

Ion Ratio Lower Upper

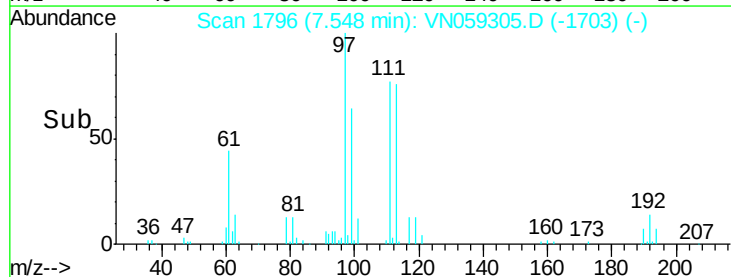
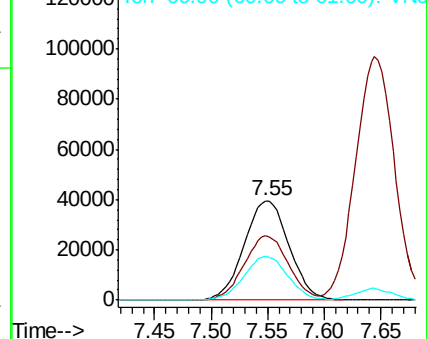
97 100

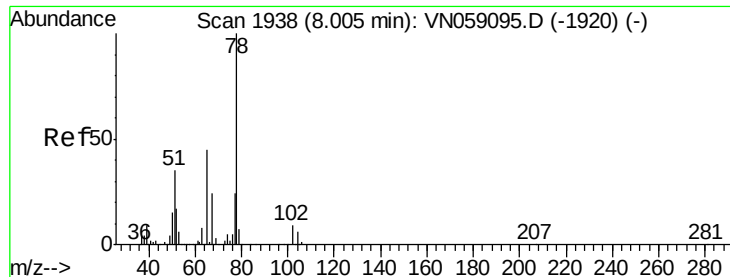
99 63.9 51.0 76.6

61 43.3 35.8 53.8



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

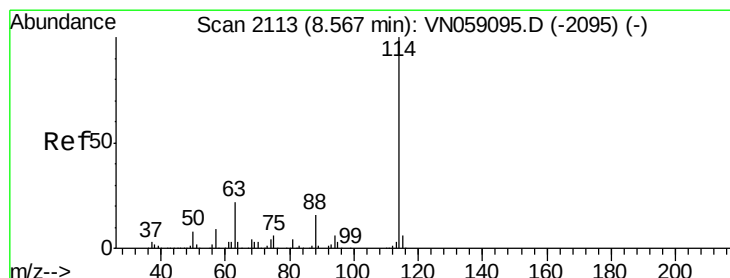
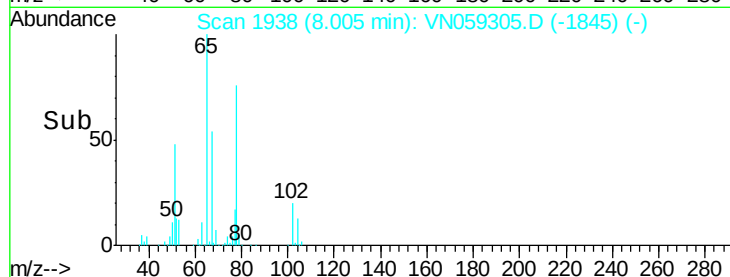
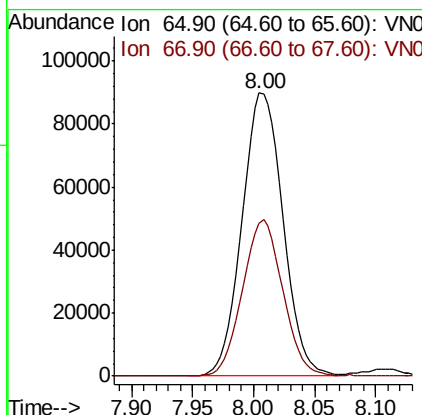
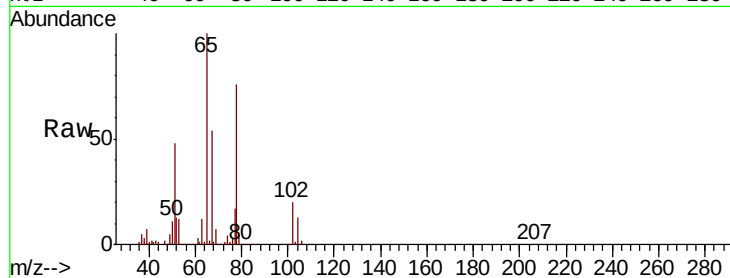




#33
 1,2-Dichloroethane-d4
 Concen: 40.481 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

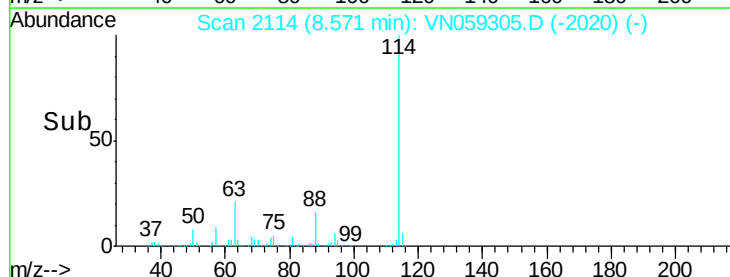
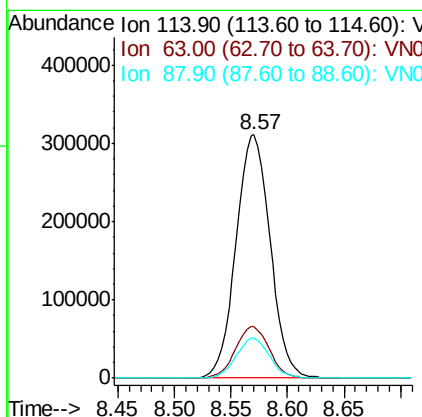
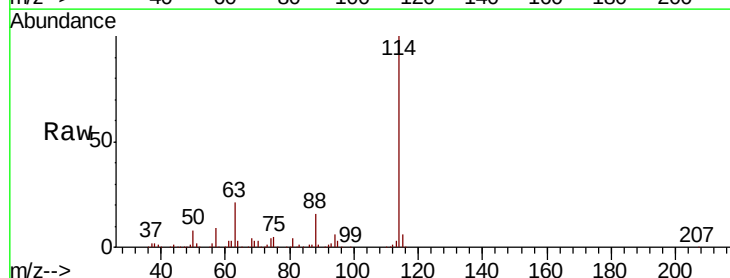
Instrument :
 MSVOA_N
 ClientSampled :

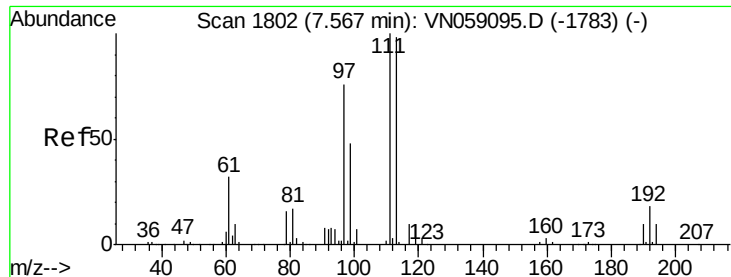
Tot Ion: 65 Resp: 209027
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion: 114 Resp: 654767
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.4
 88 16.4 0.0 32.2

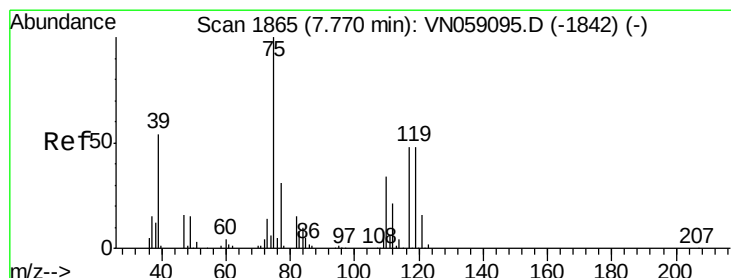
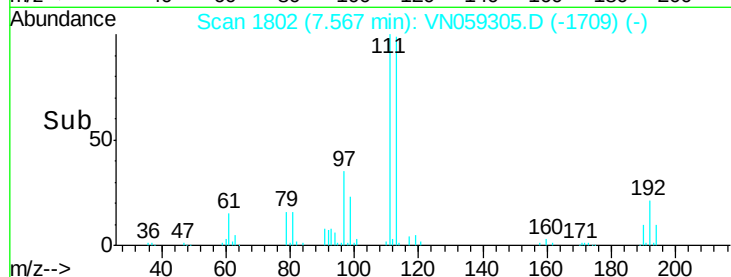
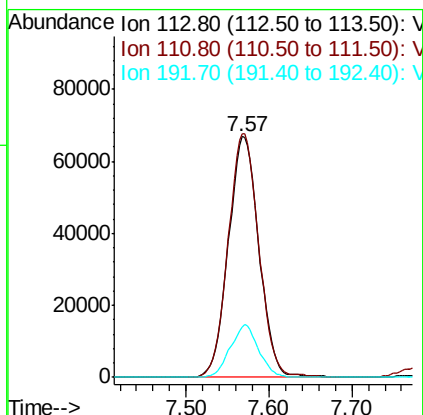
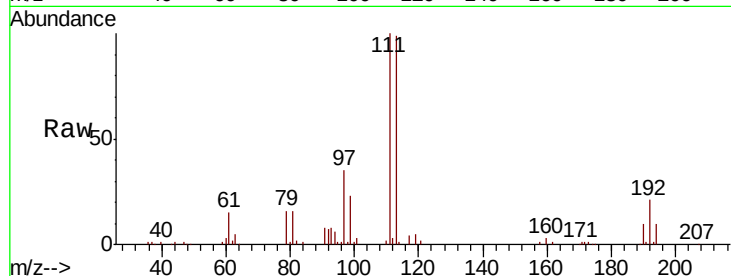




#35
 Dibromofluoromethane
 Concen: 43.886 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

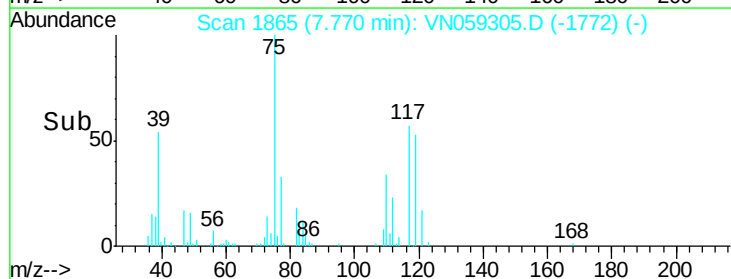
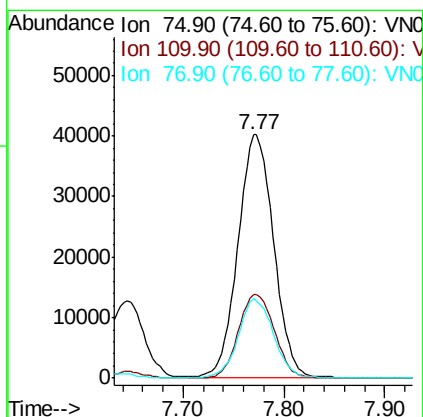
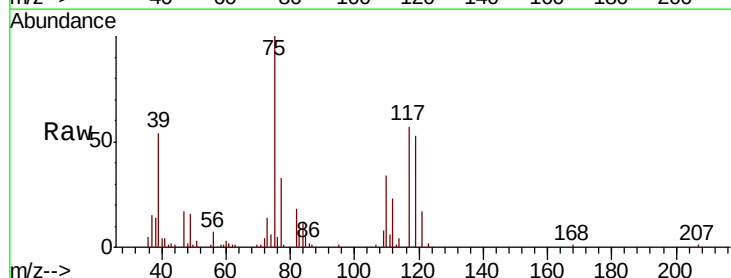
Instrument :
 MSVOA_N
 ClientSampleId :

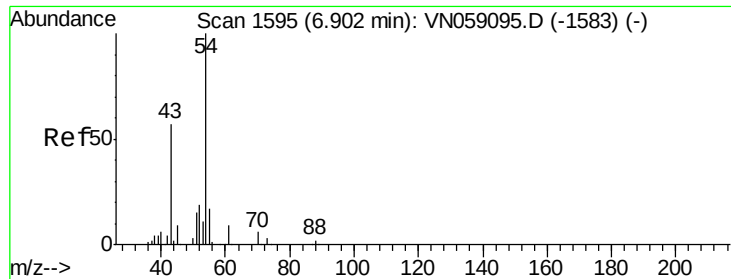
Tot Ion:113 Resp: 171575
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.8 124.2
 192 20.1 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 16.202 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion: 75 Resp: 99162
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.1 51.2
 77 32.1 24.8 37.2

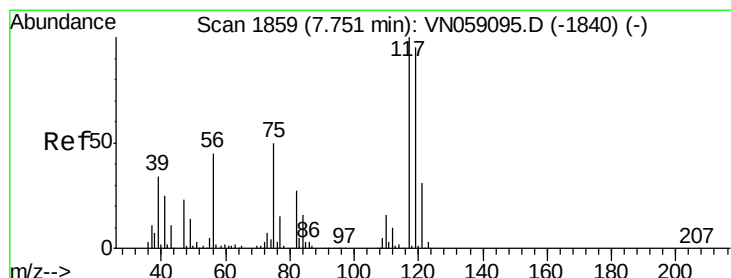
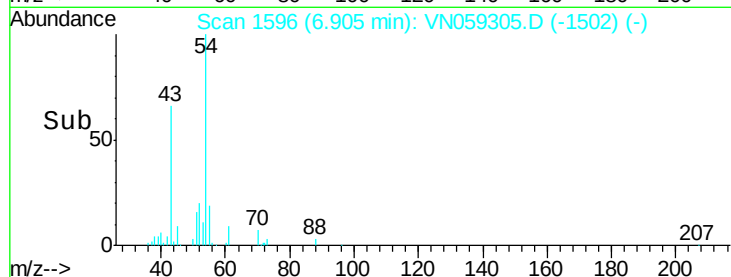
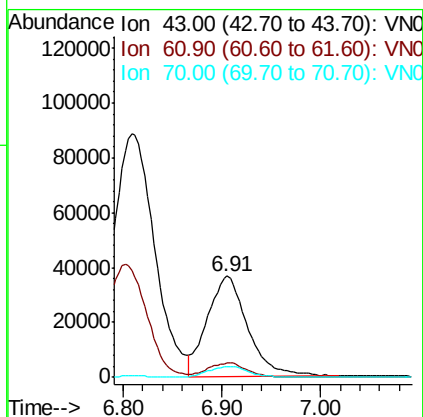
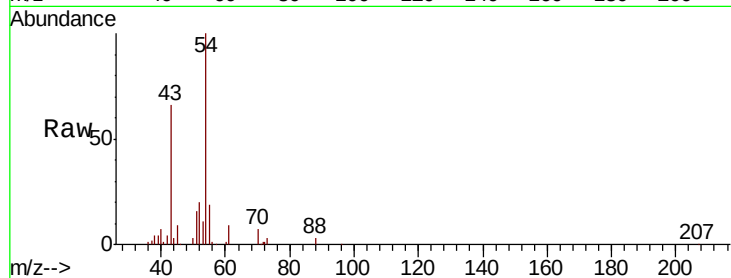




#37
Ethyl Acetate
Concen: 15.371 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

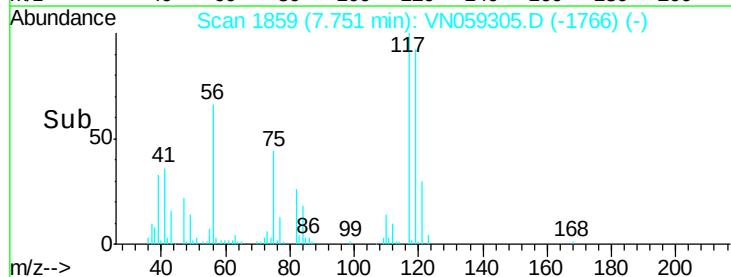
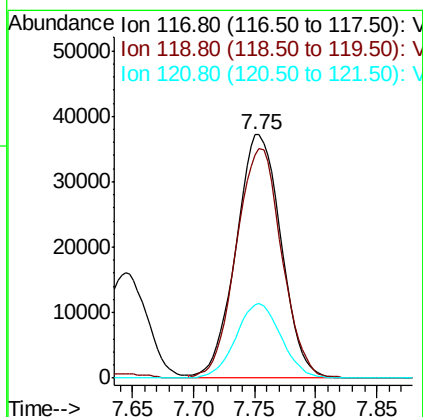
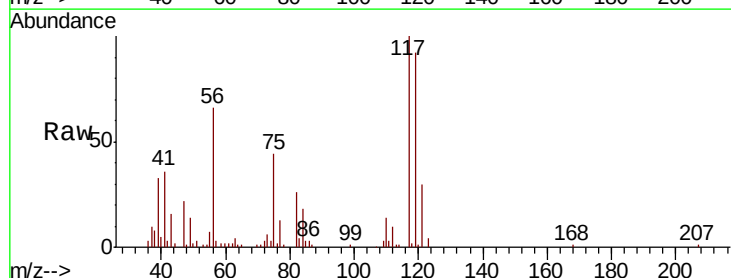
Instrument :
MSVOA_N
ClientSampled :

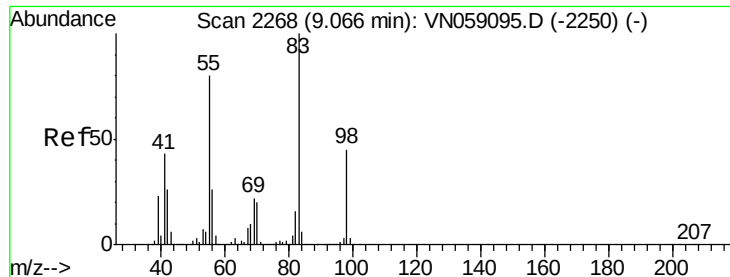
Tot Ion: 43 Resp: 104654
Ion Ratio Lower Upper
43 100
61 14.0 11.2 16.8
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 15.652 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 117 Resp: 95346
Ion Ratio Lower Upper
117 100
119 91.6 75.6 113.4
121 30.1 24.6 36.8

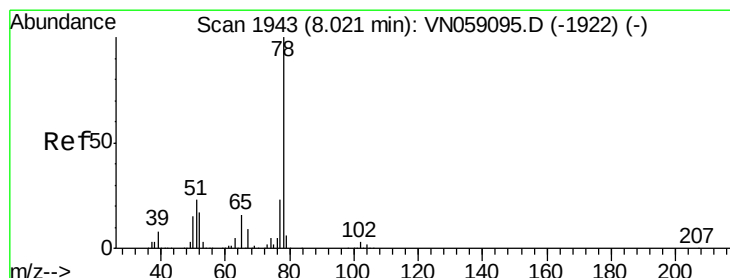
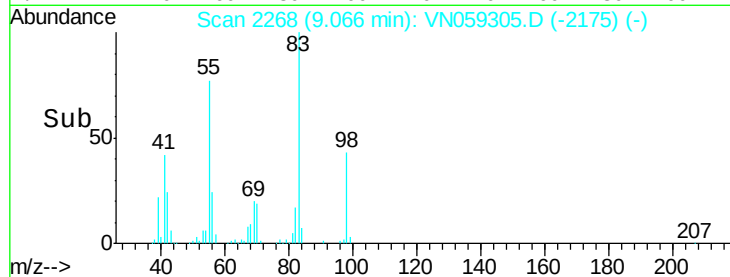
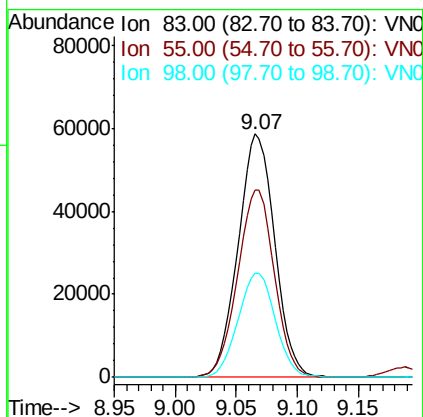
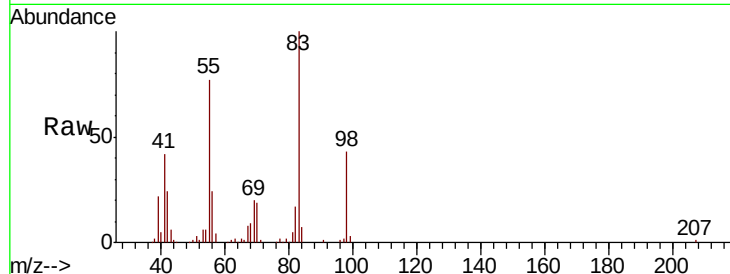




#39
Methylvlcyclohexane
Concen: 17.131 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

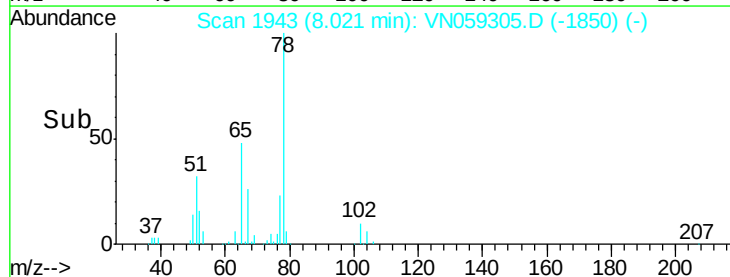
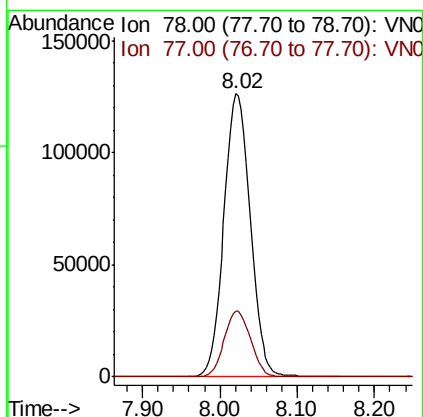
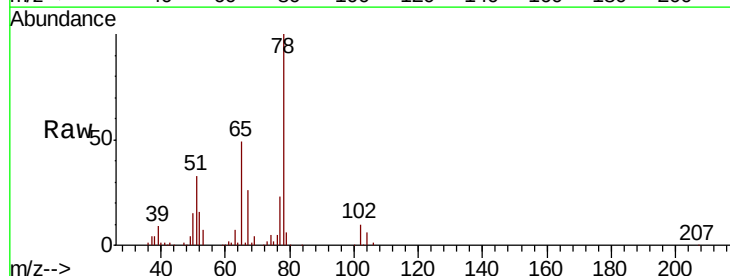
Instrument :
MSVOA_N
ClientSampleId :

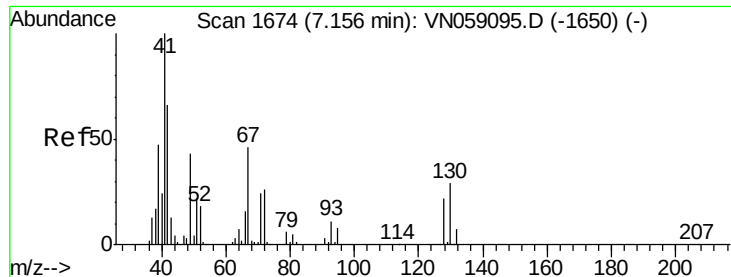
Tot Ion	83	Resp	121680
Ion Ratio	Lower	Upper	
83	100		
55	77.0	63.9	95.9
98	42.8	35.6	53.4



#40
Benzene
Concen: 16.274 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion	78	Resp	299929
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.8	28.2

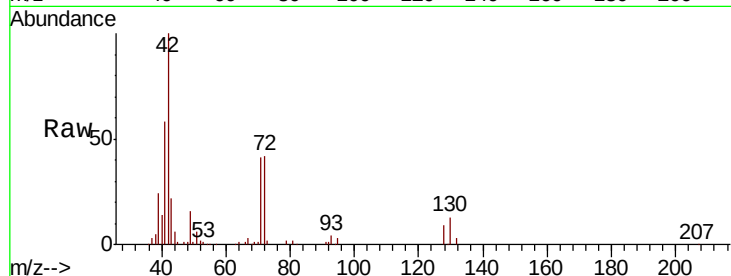




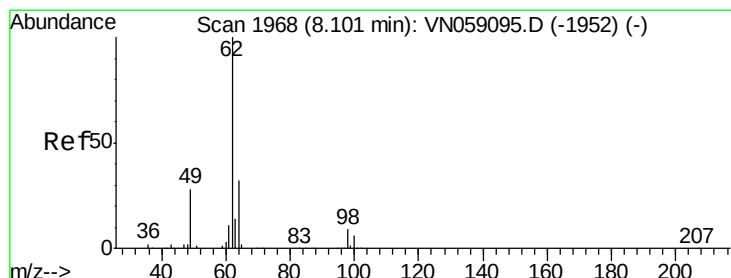
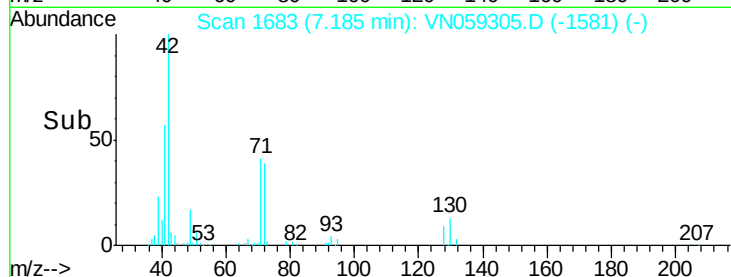
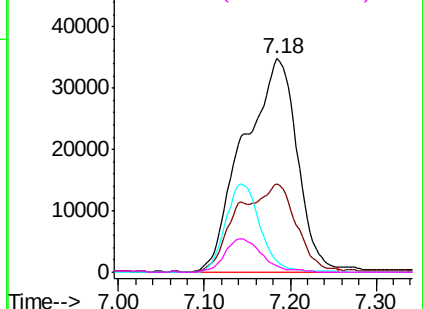
#41
Methacrylonitrile
Concen: 50.932 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	150791
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

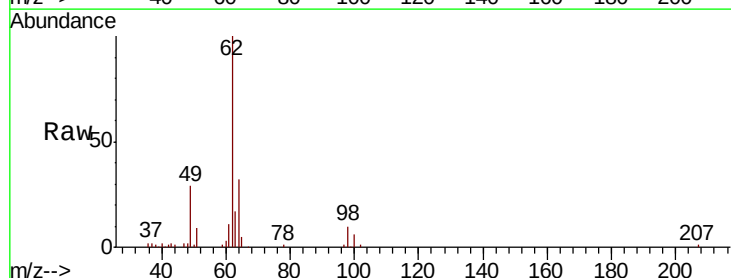


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

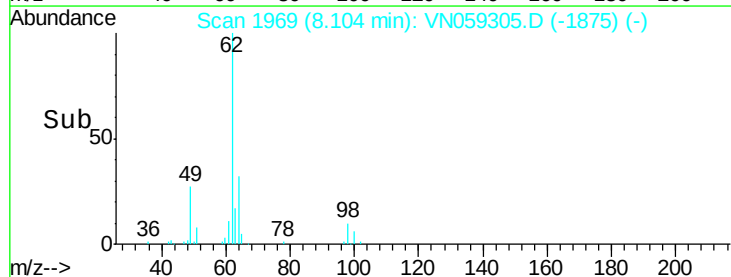
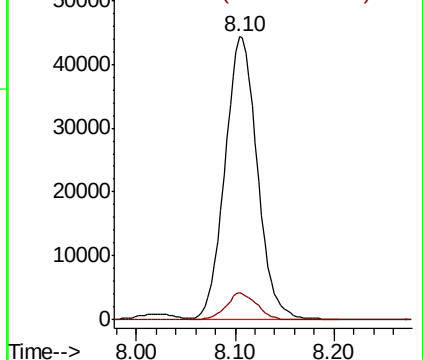


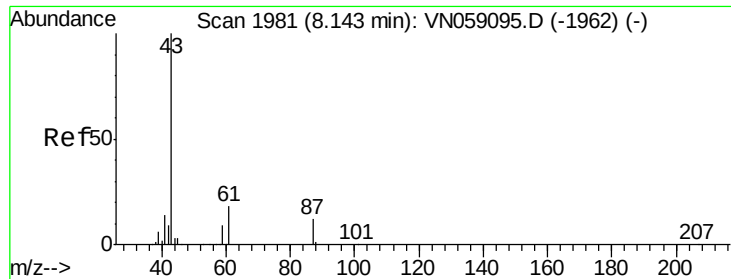
#42
1,2-Dichloroethane
Concen: 16.097 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion:	62	Resp:	101748
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 14.734 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

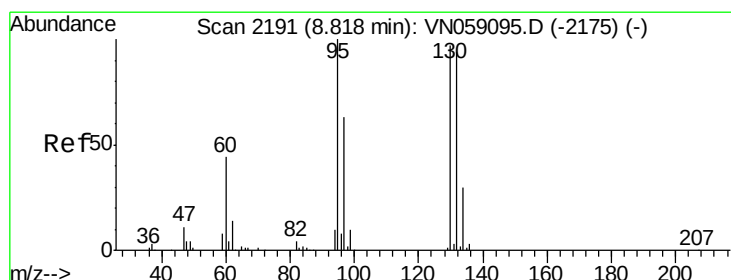
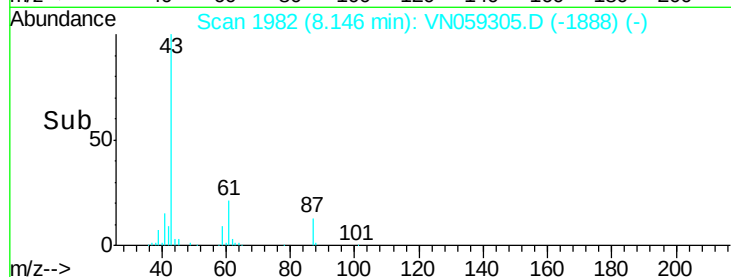
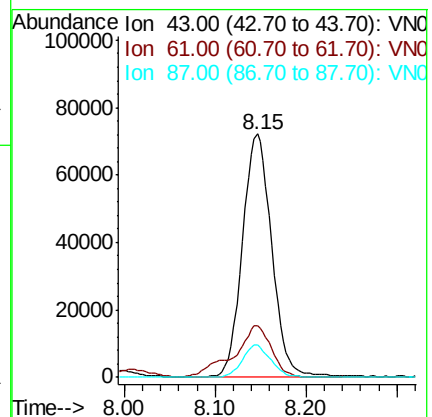
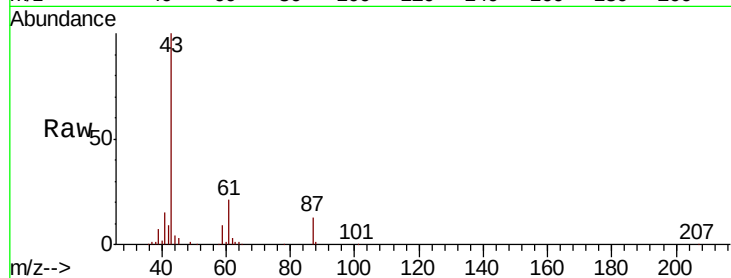
Tot Ion: 43 Resp: 159931

Ion Ratio Lower Upper

43 100

61 27.6 21.0 31.6

87 13.0 9.8 14.6



#44

Trichloroethene

Concen: 16.375 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059305.D

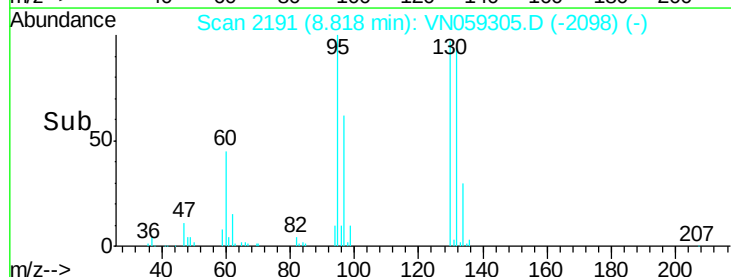
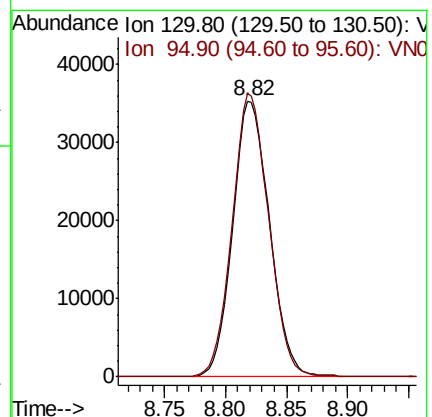
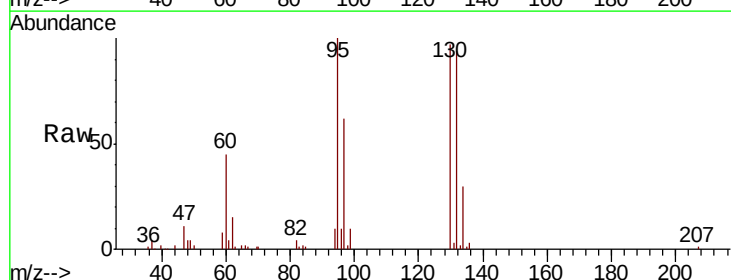
Acq: 19 Nov 2019 14:15

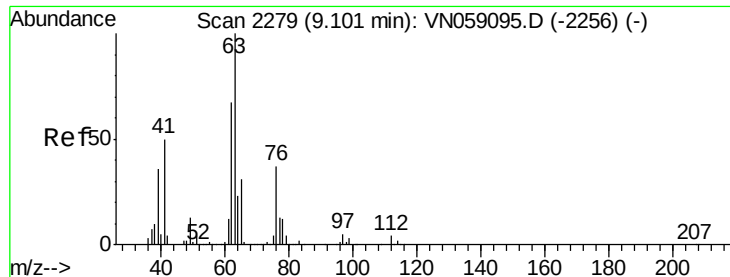
Tgt Ion:130 Resp: 74185

Ion Ratio Lower Upper

130 100

95 102.6 0.0 206.4





#45

1,2-Dichloropropane

Concen: 15.562 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

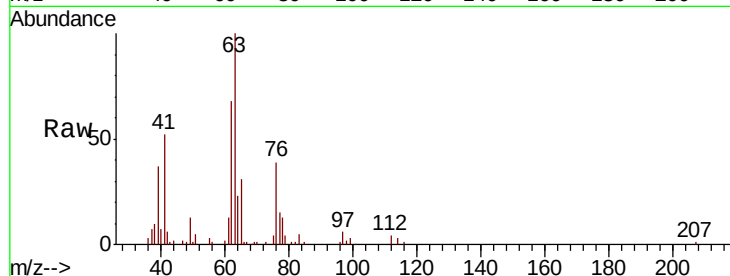
ClientSampleId :

Tot Ion: 63 Resp: 77904

Ion Ratio Lower Upper

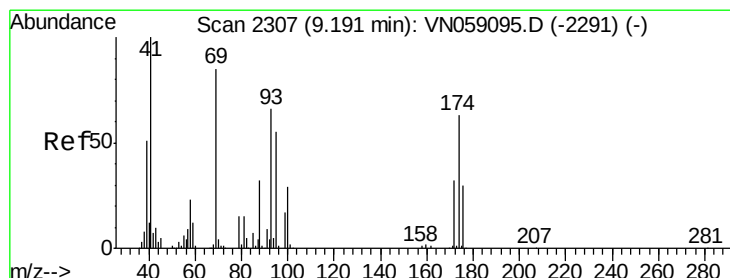
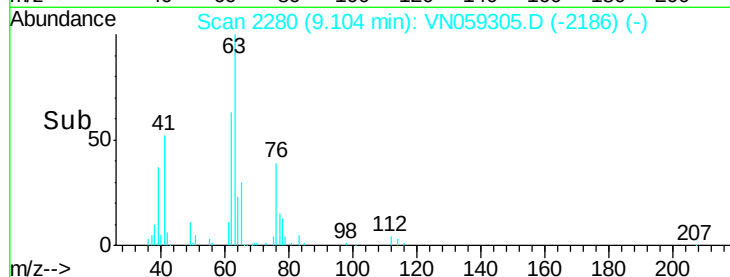
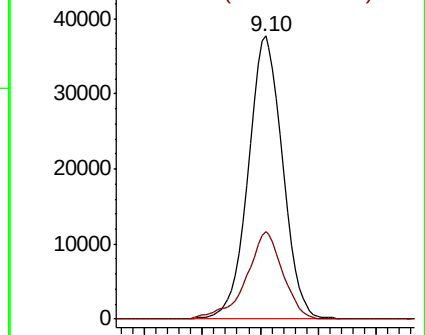
63 100

65 30.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 15.623 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

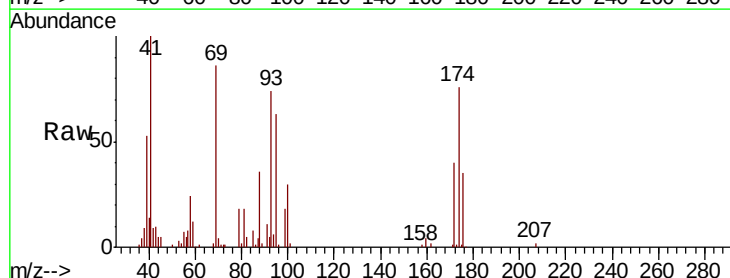
Tgt Ion: 93 Resp: 48735

Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

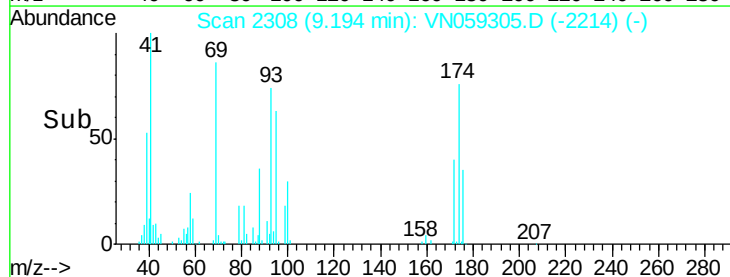
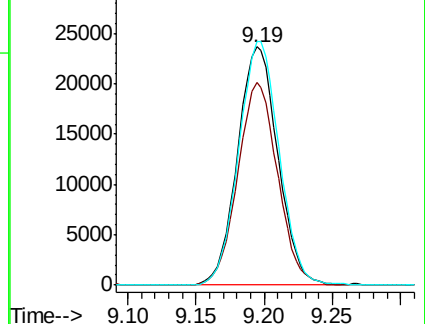
174 102.3 78.2 117.2

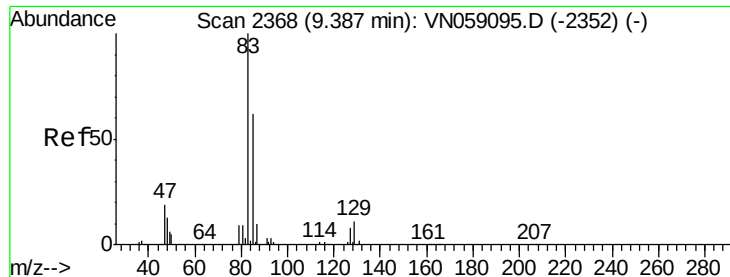


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 15.455 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :

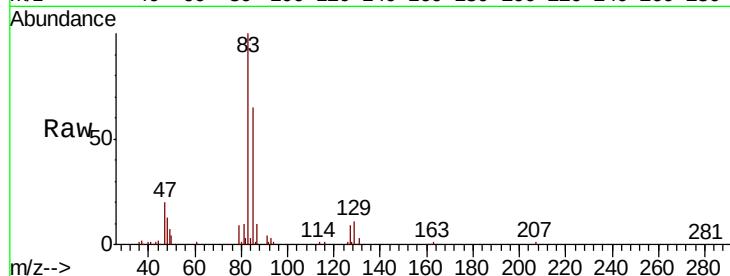
Tot Ion: 83 Resp: 96270

Ion Ratio Lower Upper

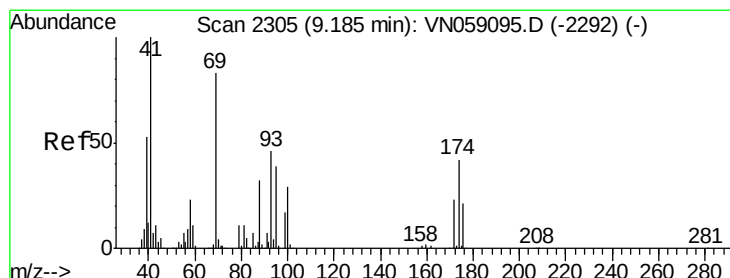
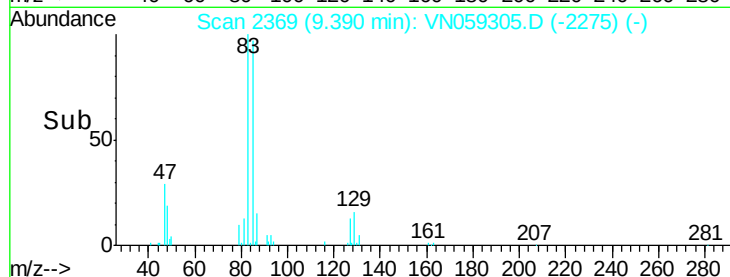
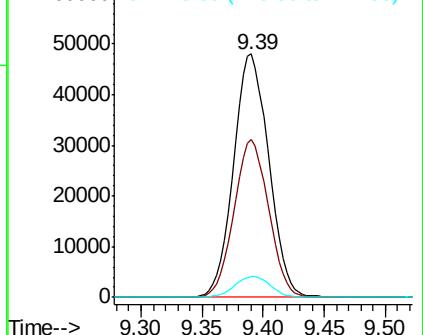
83 100

85 64.6 49.7 74.5

127 8.5 6.4 9.6



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



#48

Methyl methacrylate

Concen: 14.925 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

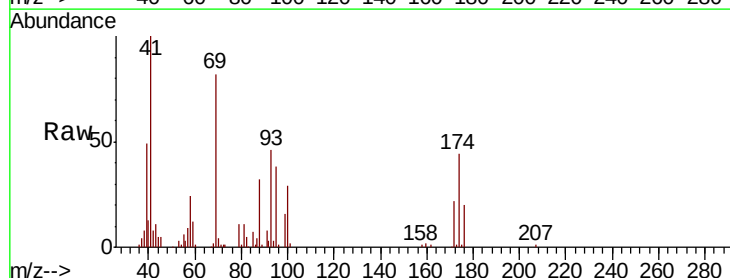
Tgt Ion: 41 Resp: 72465

Ion Ratio Lower Upper

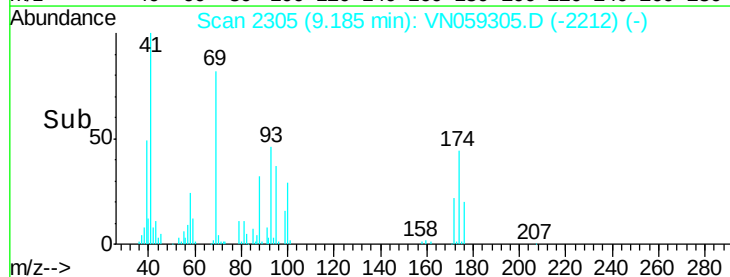
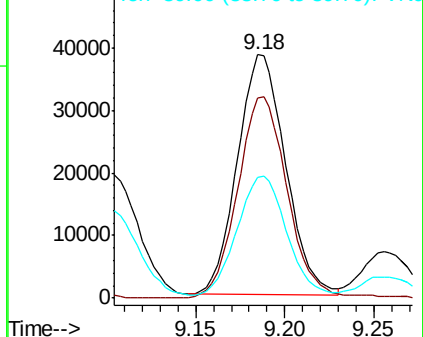
41 100

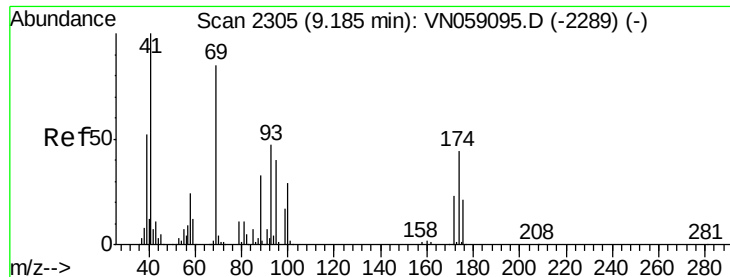
69 86.1 67.3 100.9

39 52.3 43.3 64.9



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





#49

1,4-Dioxane

Concen: 318.740 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

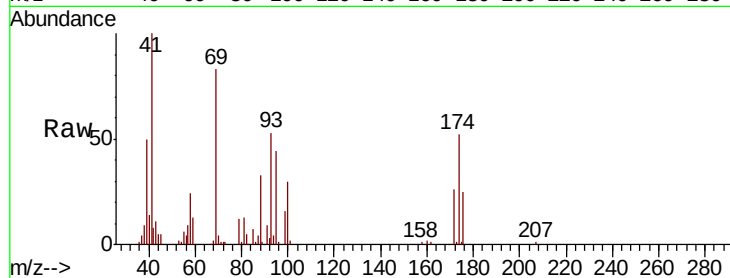
Tot Ion: 88 Resp: 27502

Ion Ratio Lower Upper

88 100

43 32.2 26.3 39.5

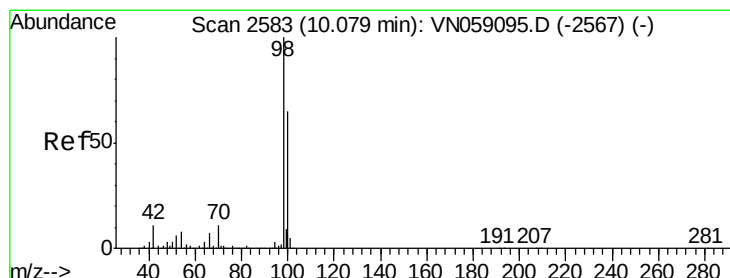
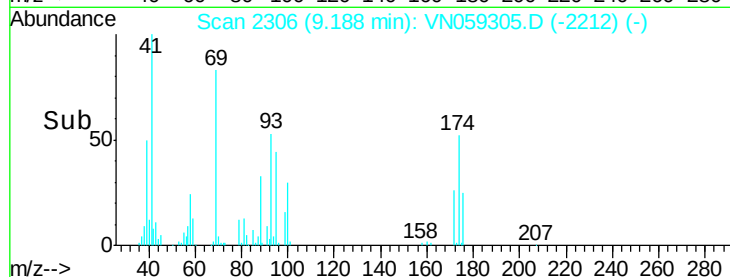
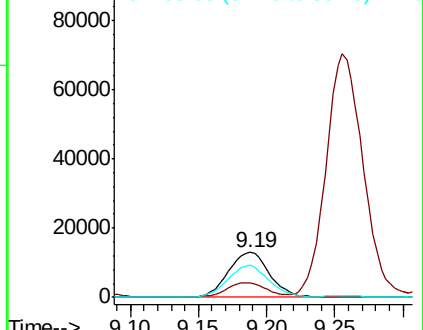
58 70.5 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VN059305.D (-2212) (-)

Ion 43.00 (42.70 to 43.70): VN059305.D (-2212) (-)

Ion 58.00 (57.70 to 58.70): VN059305.D (-2212) (-)



#50

Toluene-d8

Concen: 41.149 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059305.D

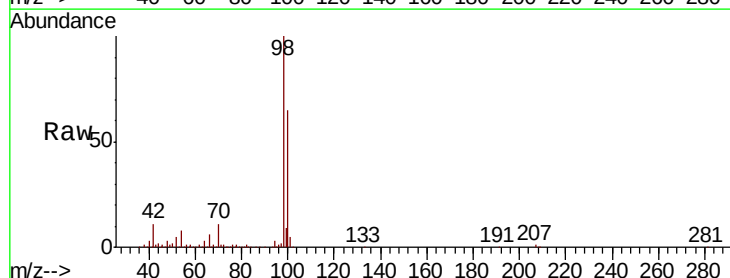
Acq: 19 Nov 2019 14:15

Tgt Ion: 98 Resp: 633679

Ion Ratio Lower Upper

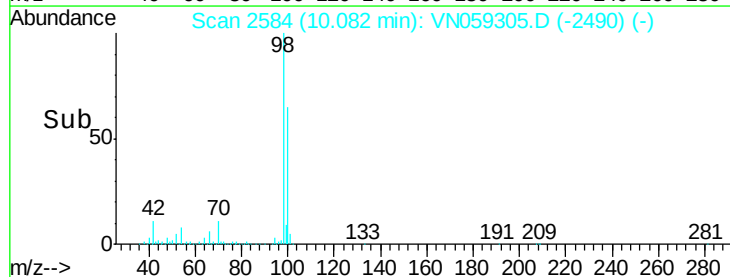
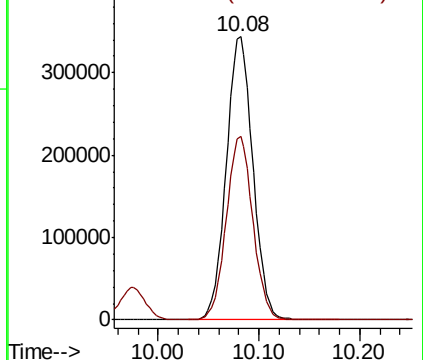
98 100

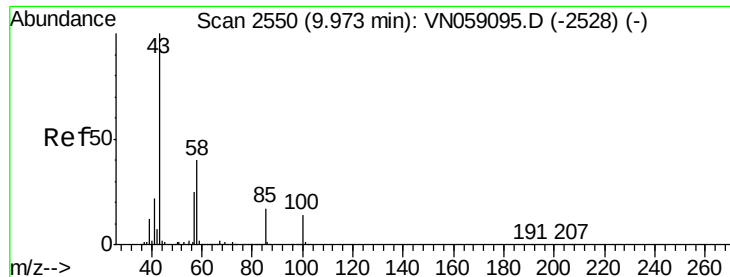
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN059305.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059305.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 81.843 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

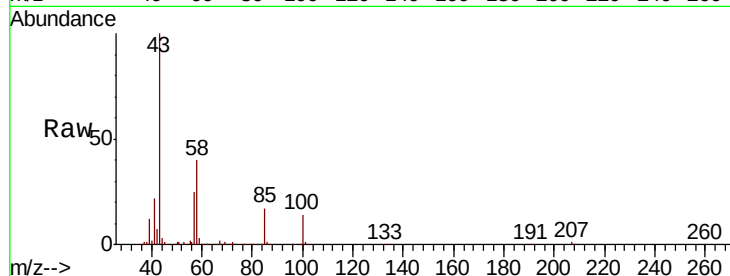
ClientSampleId :

Tot Ion: 43 Resp: 502658

Ion Ratio Lower Upper

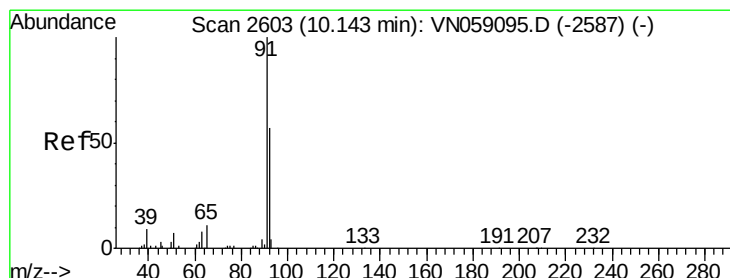
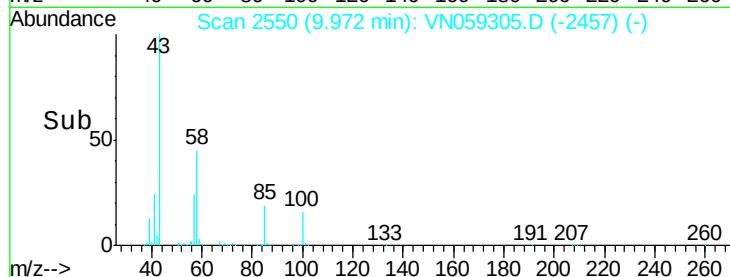
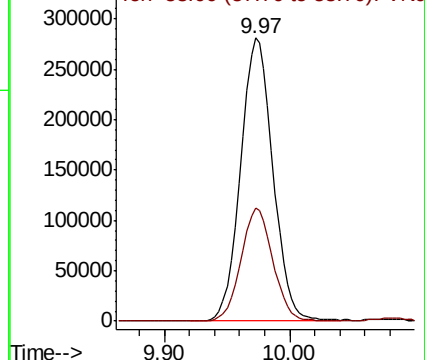
43 100

58 39.3 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 16.400 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059305.D

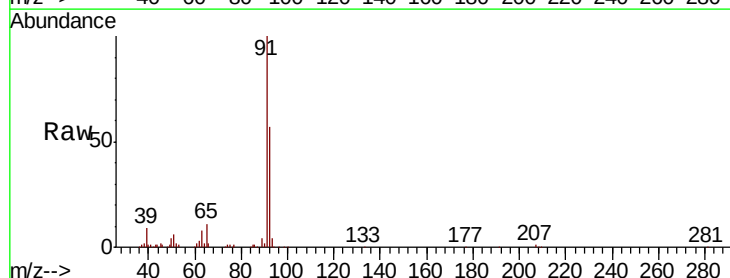
Acq: 19 Nov 2019 14:15

Tgt Ion: 92 Resp: 181159

Ion Ratio Lower Upper

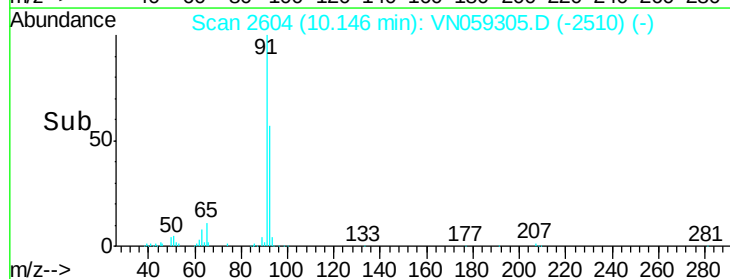
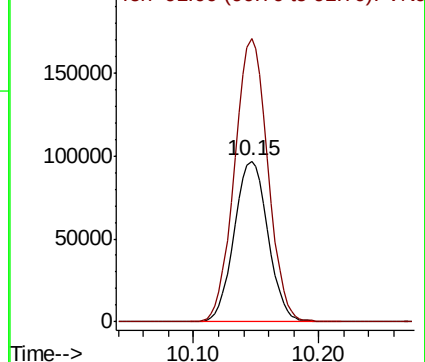
92 100

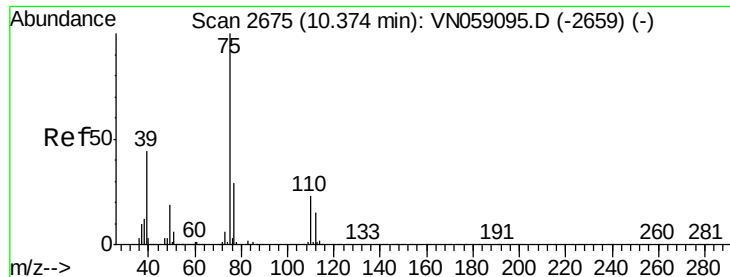
91 173.8 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.445 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

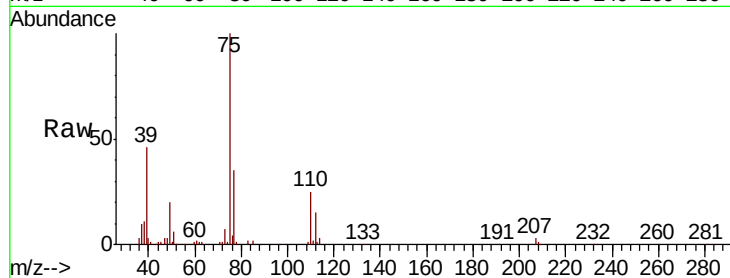
ClientSampleId :

Tot Ion: 75 Resp: 111153

Ion Ratio Lower Upper

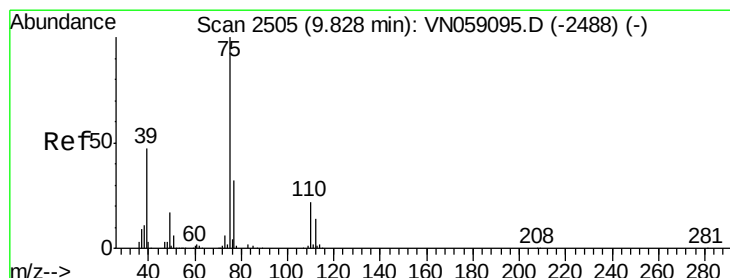
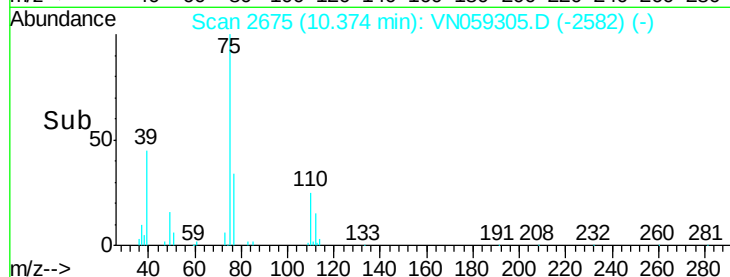
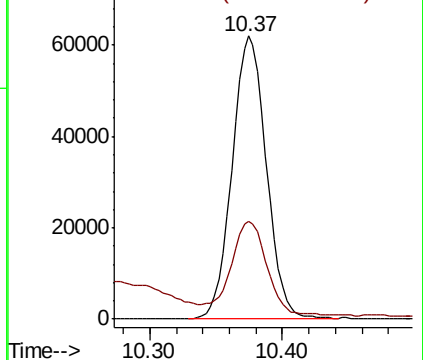
75 100

77 33.0 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 15.702 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

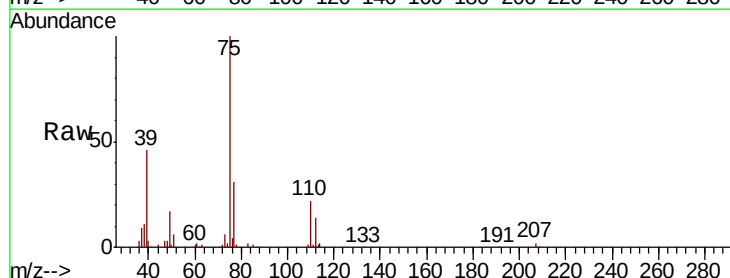
Tgt Ion: 75 Resp: 121550

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

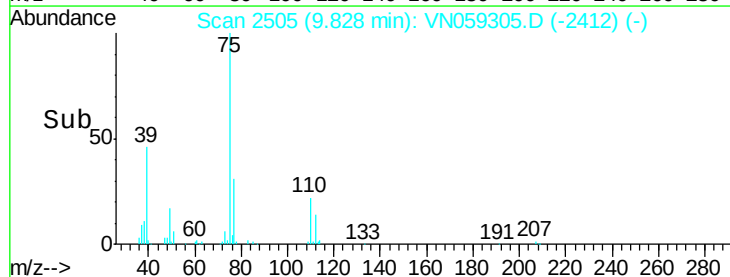
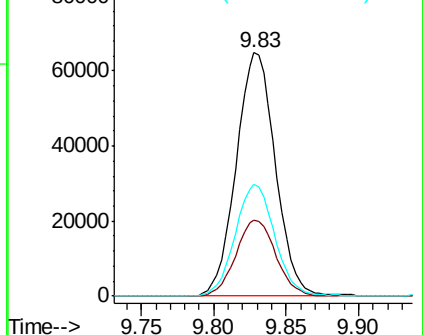
39 45.6 37.3 55.9

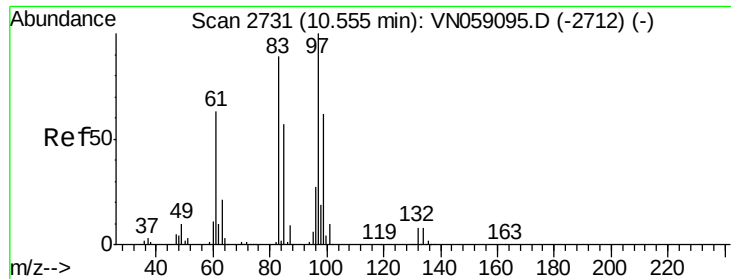


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 15.622 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 69838

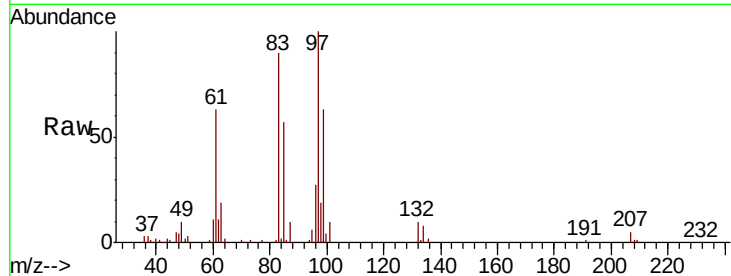
Ion Ratio Lower Upper

97 100

83 90.2 71.0 106.4

85 57.0 45.8 68.8

99 63.1 49.4 74.0



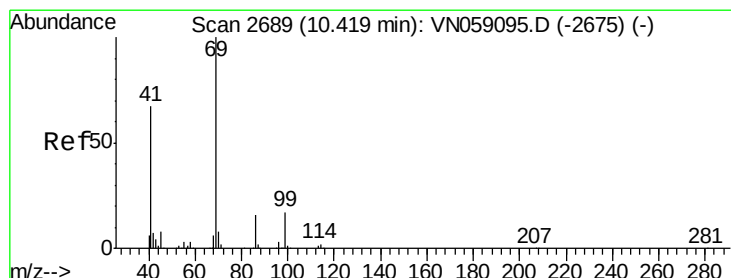
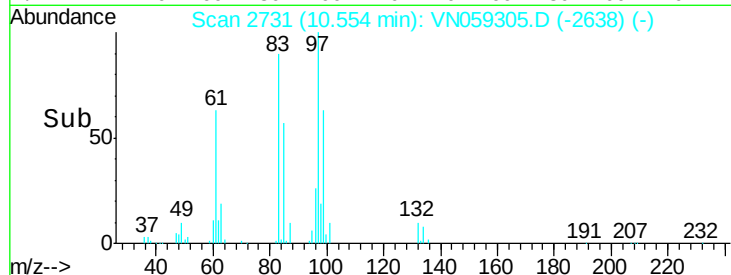
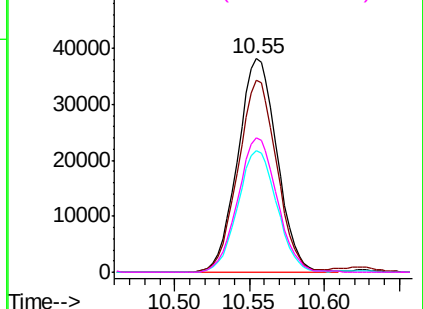
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 14.938 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

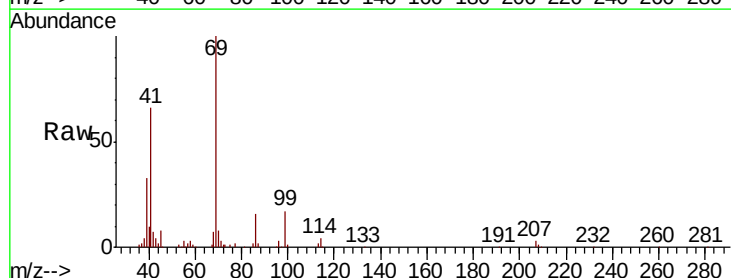
Tgt Ion: 69 Resp: 101205

Ion Ratio Lower Upper

69 100

41 66.1 53.6 80.4

39 32.3 26.2 39.4

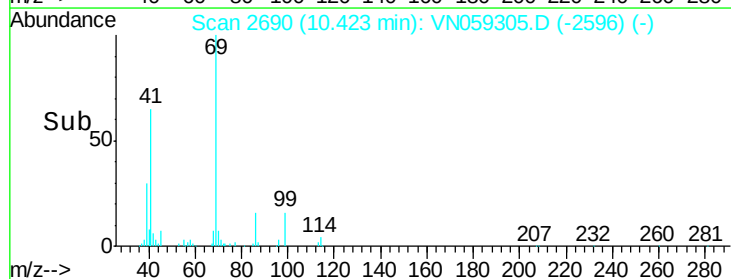
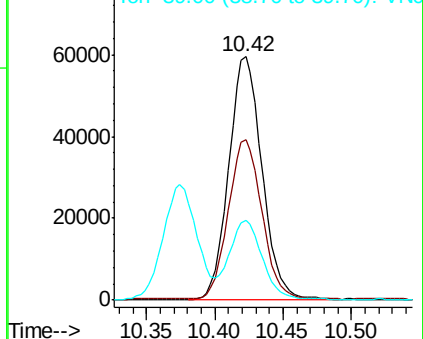


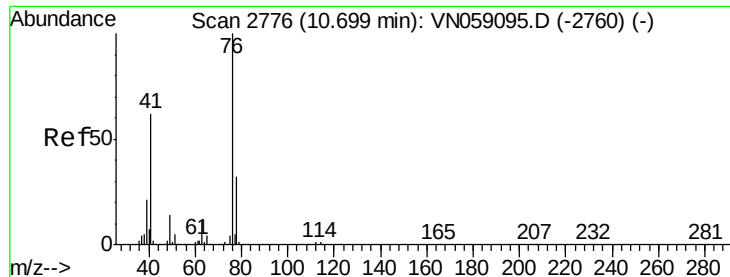
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 15.951 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

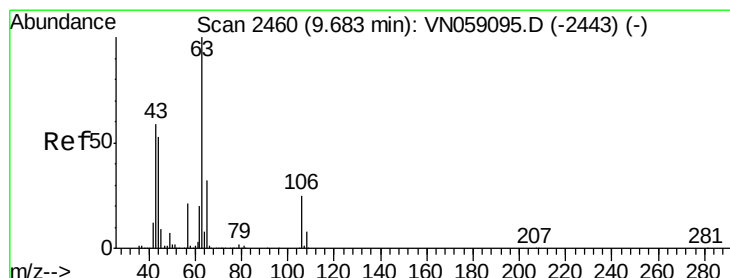
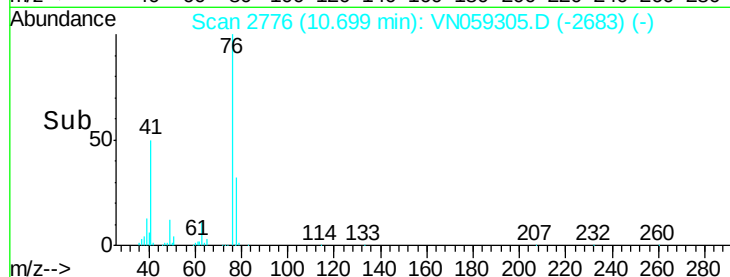
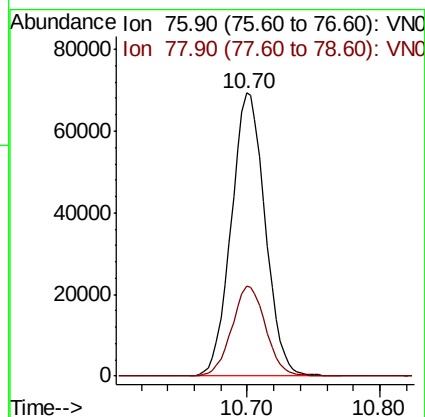
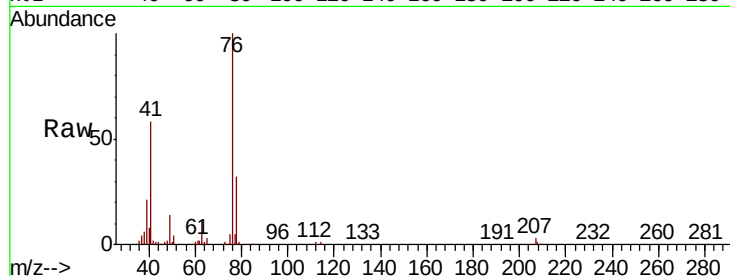
ClientSampleId :

Tot Ion: 76 Resp: 122734

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 56.507 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059305.D

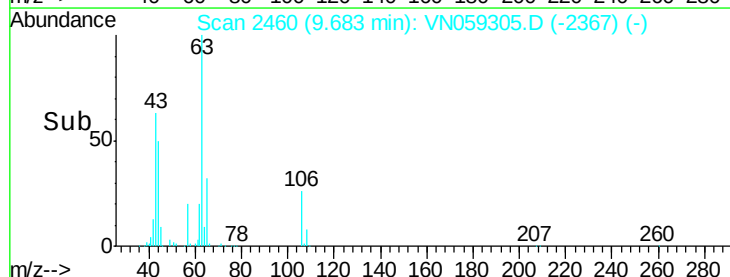
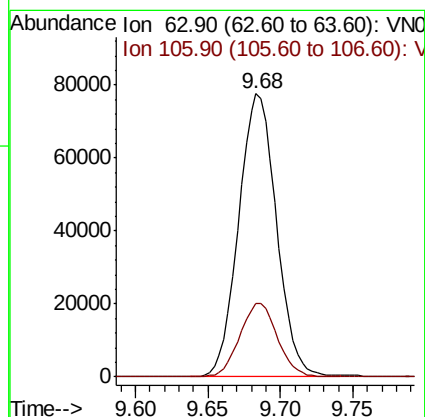
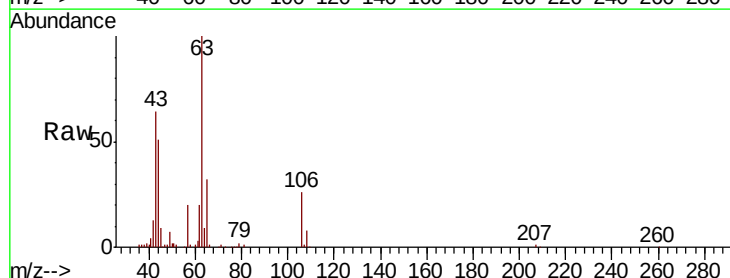
Acq: 19 Nov 2019 14:15

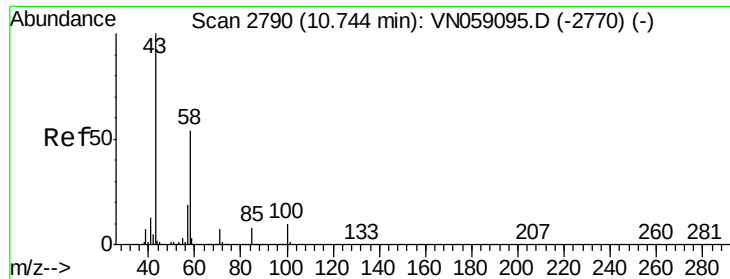
Tgt Ion: 63 Resp: 140589

Ion Ratio Lower Upper

63 100

106 25.9 20.2 30.2

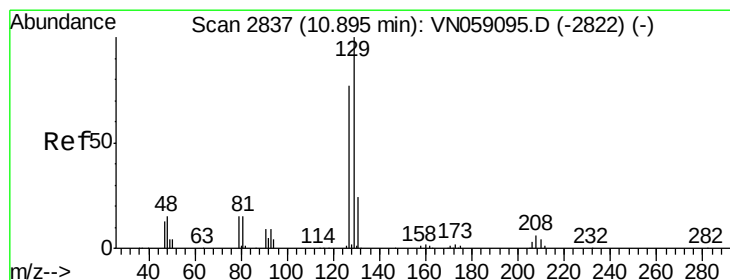
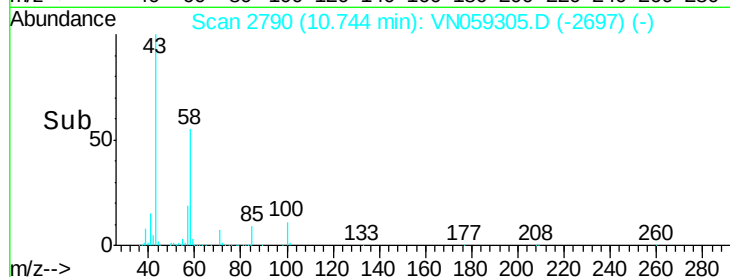
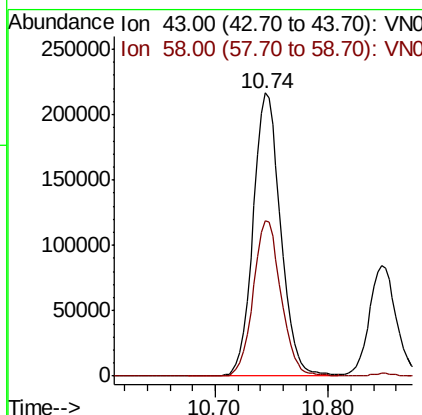
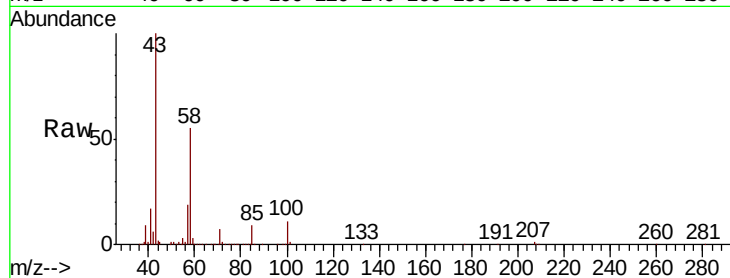




#59
2-Hexanone
Concen: 77.887 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

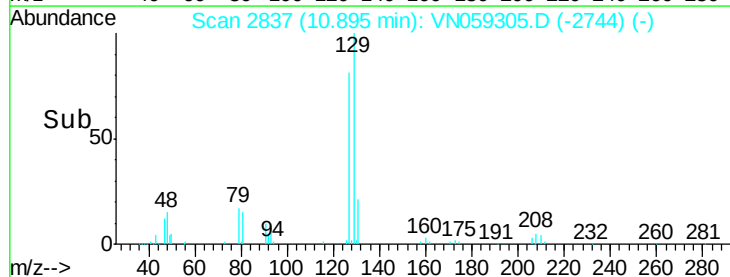
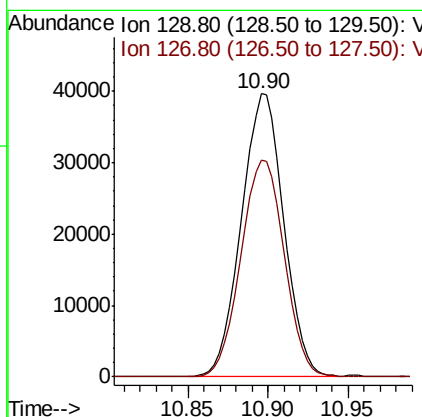
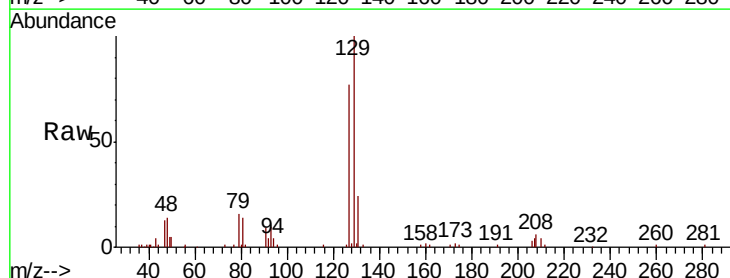
Instrument :
MSVOA_N
ClientSampled :

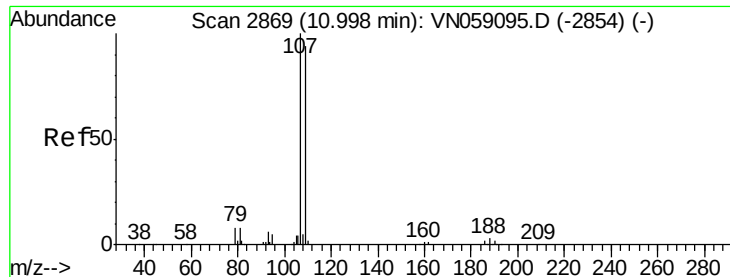
Tot Ion: 43 Resp: 367166
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 15.187 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 129 Resp: 71786
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

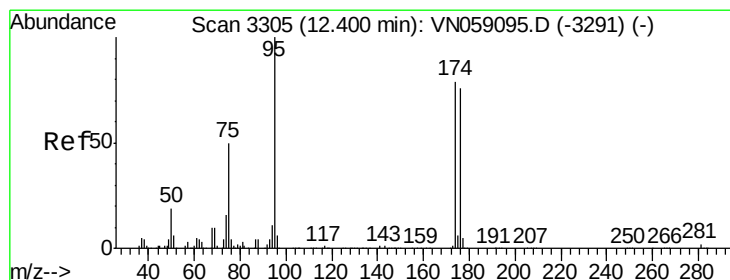
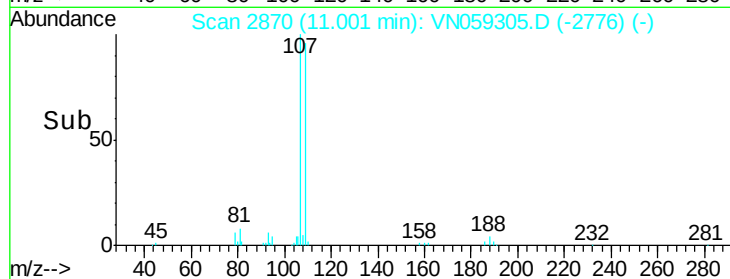
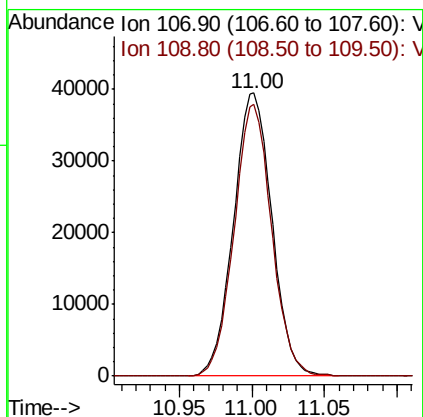
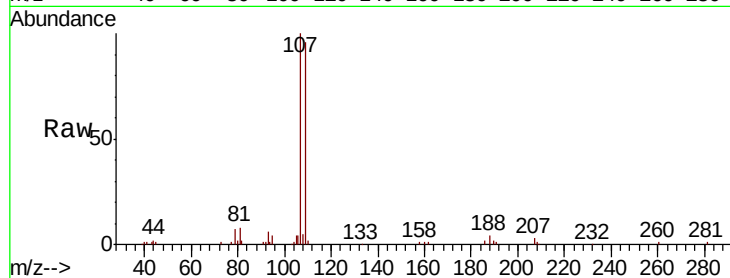




#61
 1,2-Dibromoethane
 Concen: 16.059 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

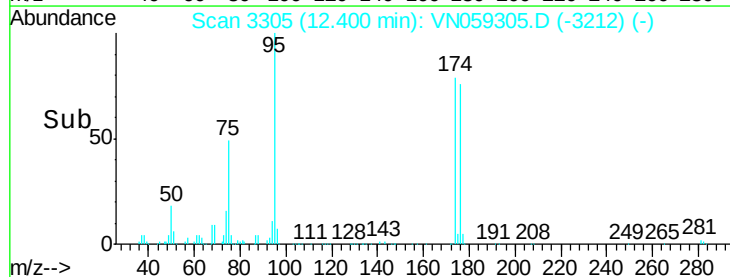
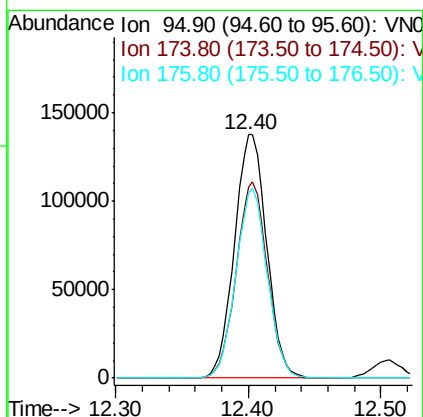
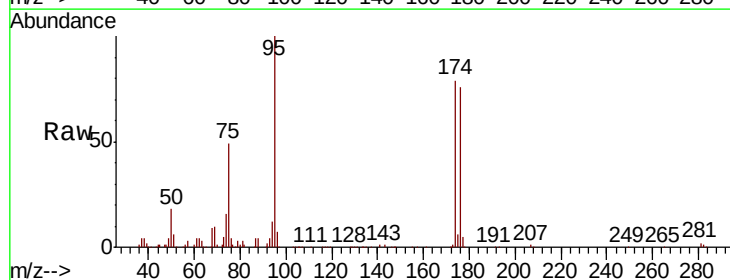
Instrument :
 MSVOA_N
 ClientSampleId :

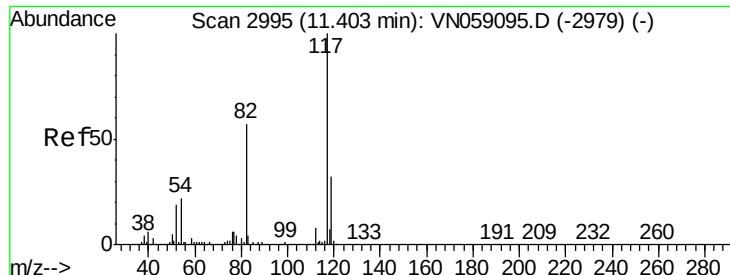
Tot Ion: 107 Resp: 72677
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 41.843 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion: 95 Resp: 232332
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 158.2
 176 76.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

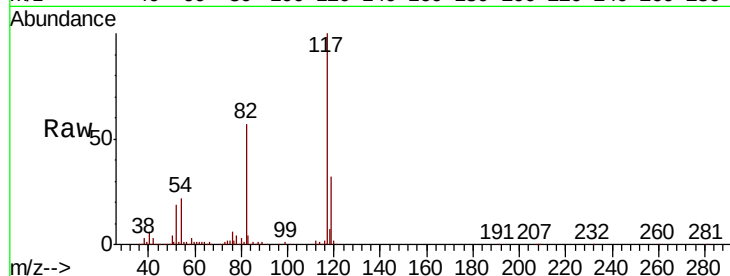
Tot Ion:117 Resp: 580204

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

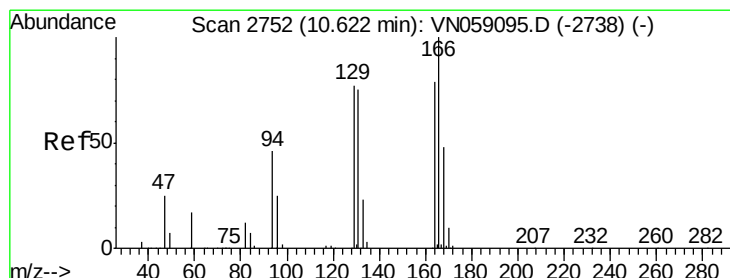
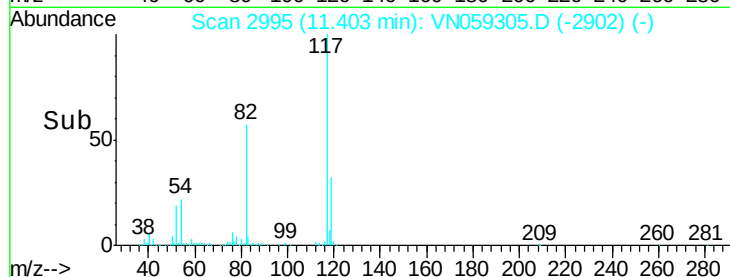
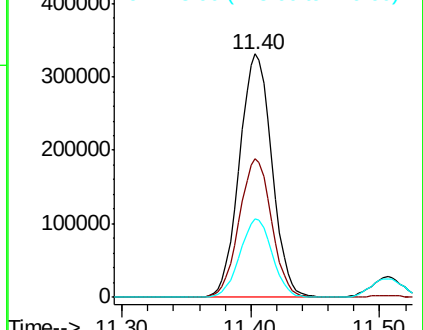
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 16.549 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Tgt Ion:164 Resp: 65290

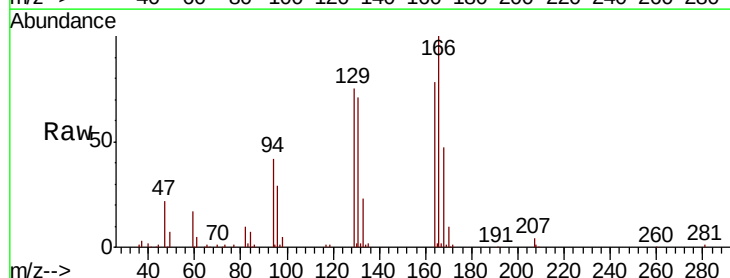
Ion Ratio Lower Upper

164 100

166 128.2 101.5 152.3

129 96.5 78.3 117.5

131 90.9 75.9 113.9

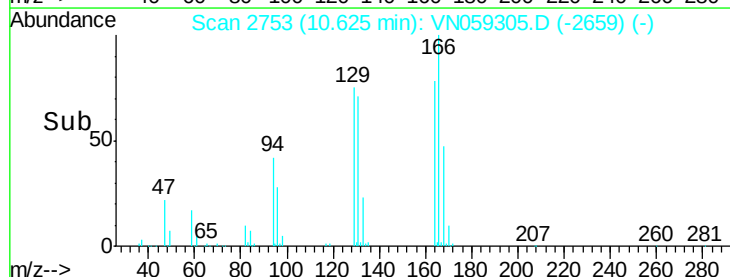
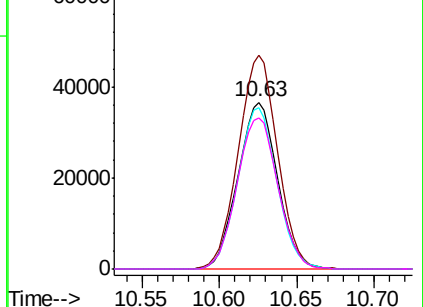


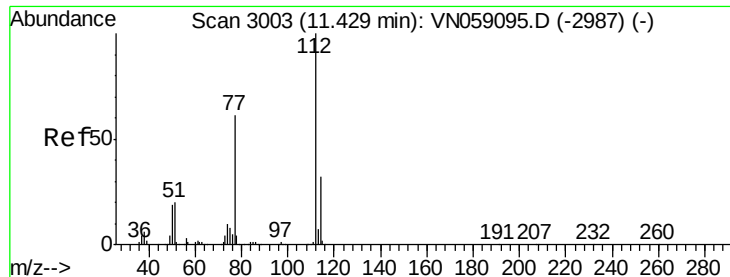
Abundance Ion 163.80 (163.50 to 164.50): V

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

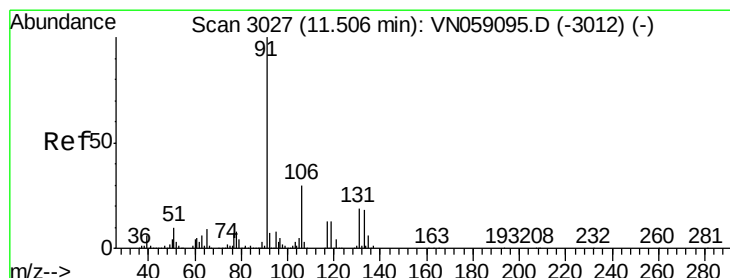
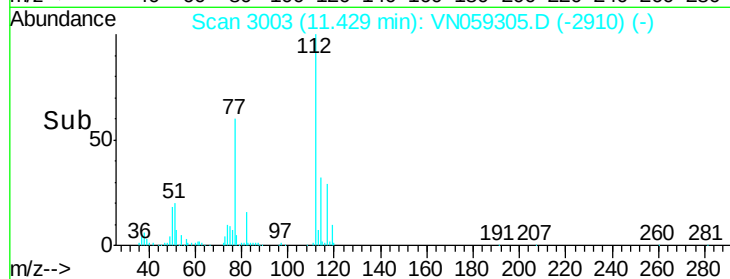
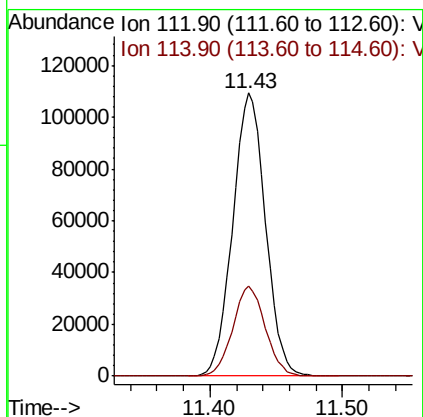
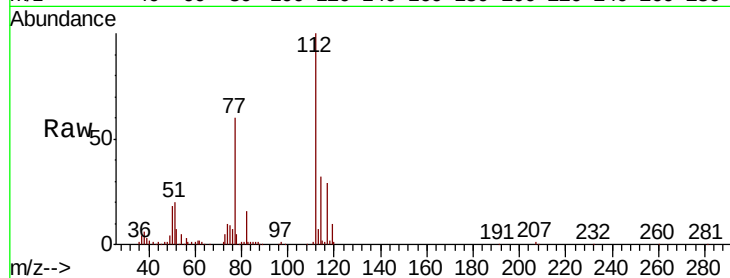




#65
Chlorobenzene
Concen: 16.556 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

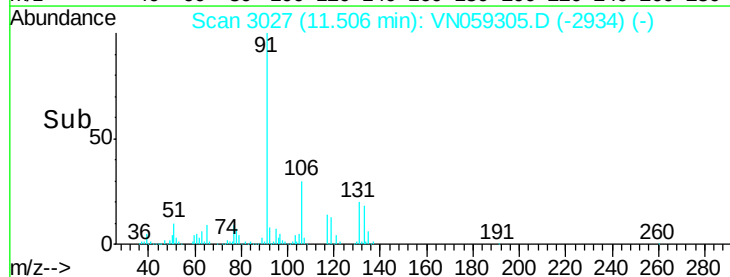
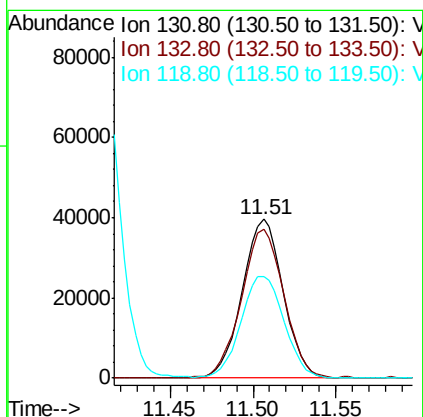
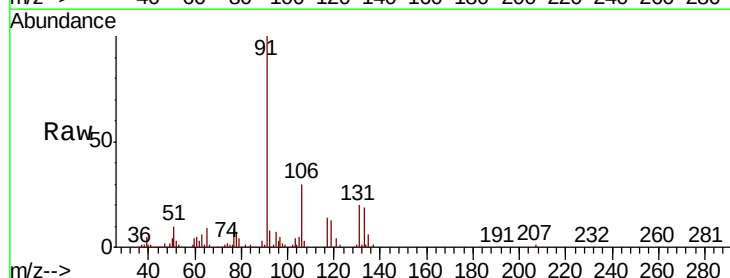
Instrument :
MSVOA_N
ClientSampled :

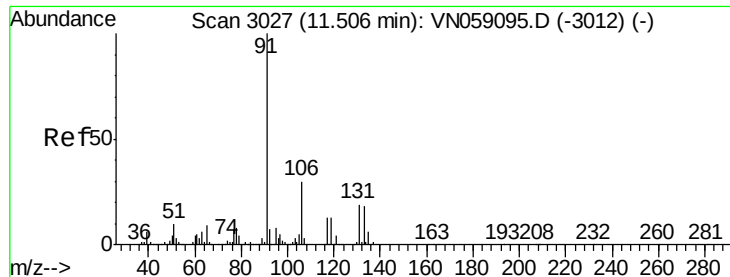
Tot Ion:112 Resp: 187252
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 15.984 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion:131 Resp: 67816
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 67.8 33.2 99.6





#67

Ethyl Benzene

Concen: 16.771 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

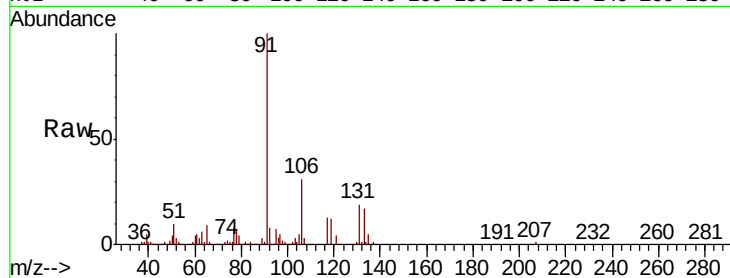
ClientSampled :

Tot Ion: 91 Resp: 336554

Ion Ratio Lower Upper

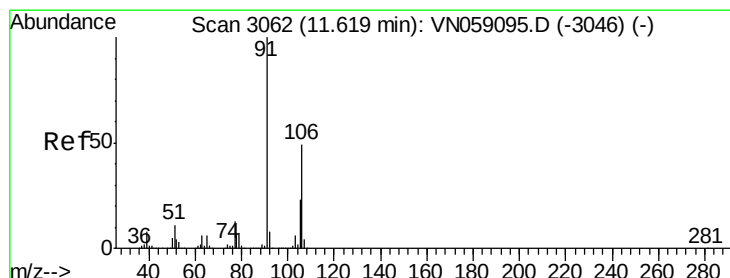
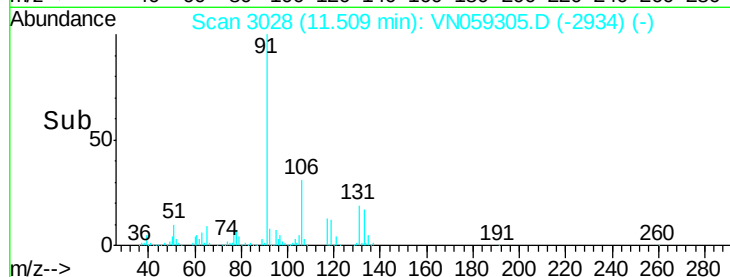
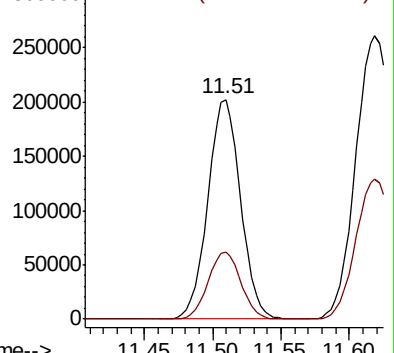
91 100

106 30.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 33.327 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059305.D

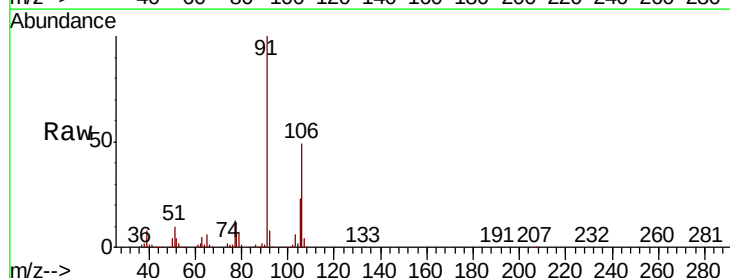
Acq: 19 Nov 2019 14:15

Tgt Ion: 106 Resp: 250520

Ion Ratio Lower Upper

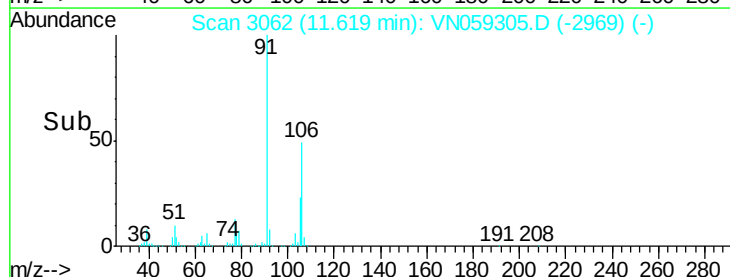
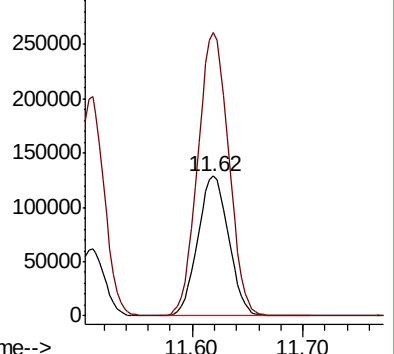
106 100

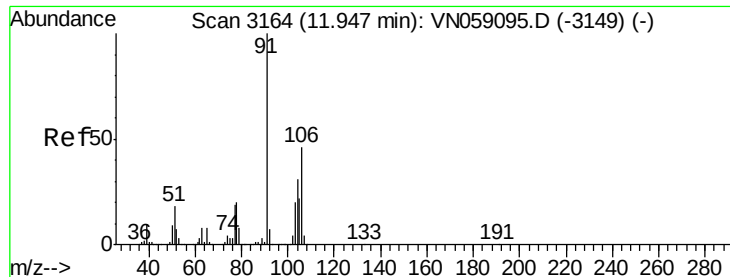
91 202.7 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

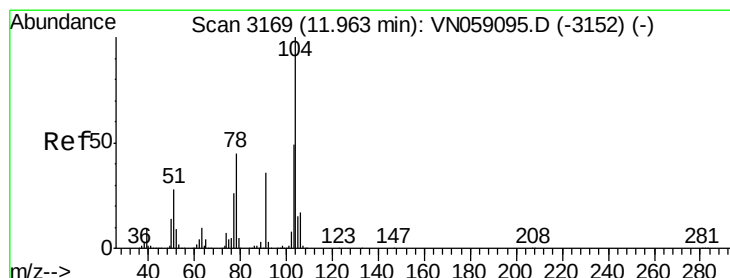
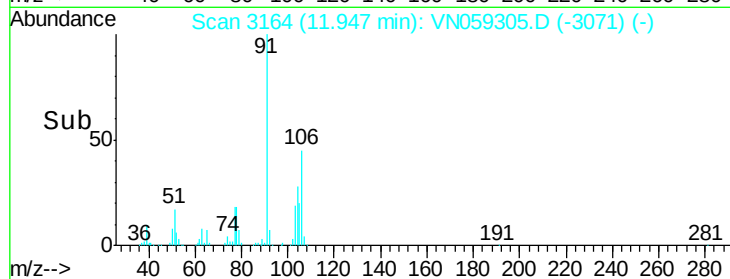
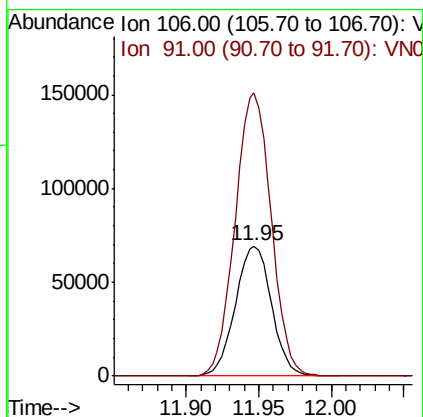
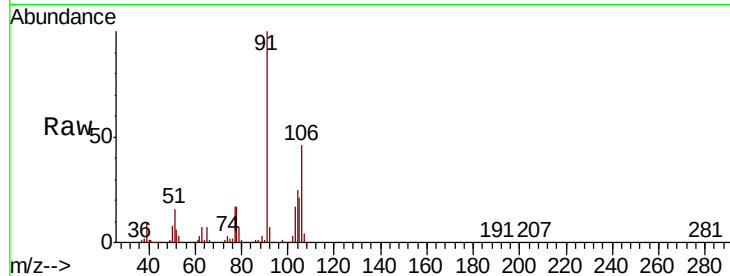




#69
o-Xylene
Concen: 16.492 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

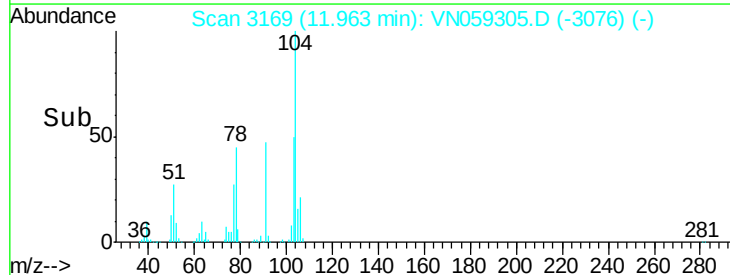
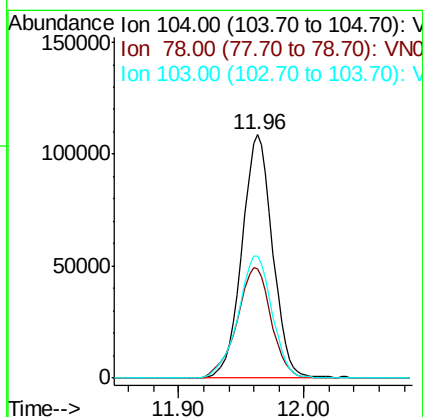
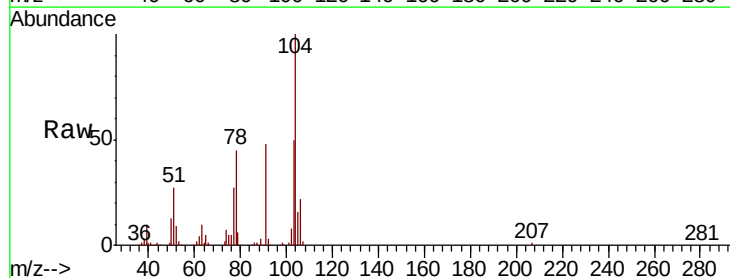
Instrument :
MSVOA_N
ClientSampleId :

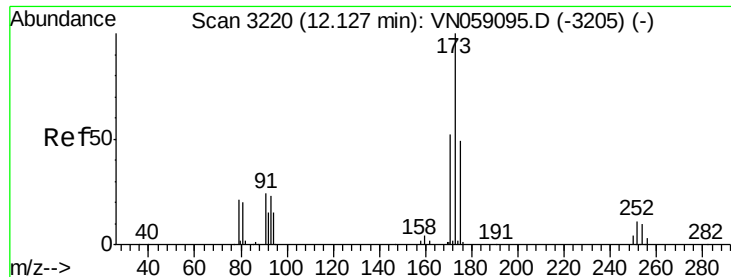
Tot Ion:106 Resp: 119805
Ion Ratio Lower Upper
106 100
91 218.5 110.1 330.3



#70
Styrene
Concen: 16.169 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion:104 Resp: 184726
Ion Ratio Lower Upper
104 100
78 50.7 41.2 61.8
103 55.8 43.8 65.6





#71

Bromoform

Concen: 15.601 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

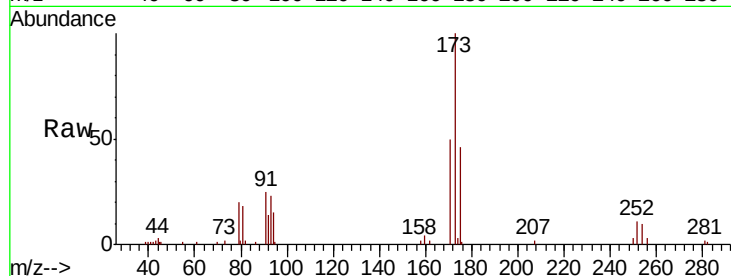
Tot Ion:173 Resp: 51486

Ion Ratio Lower Upper

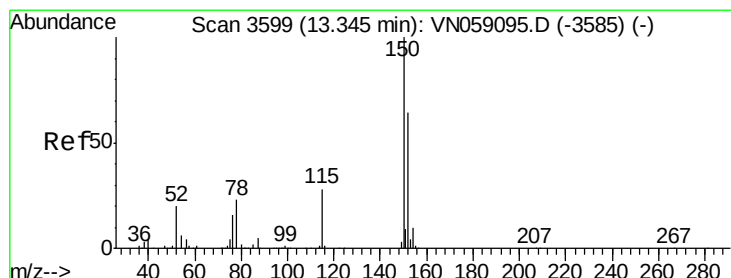
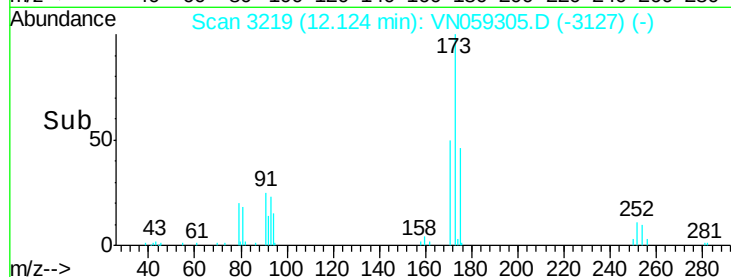
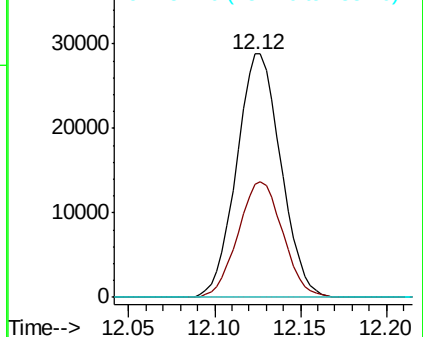
173 100

175 47.8 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

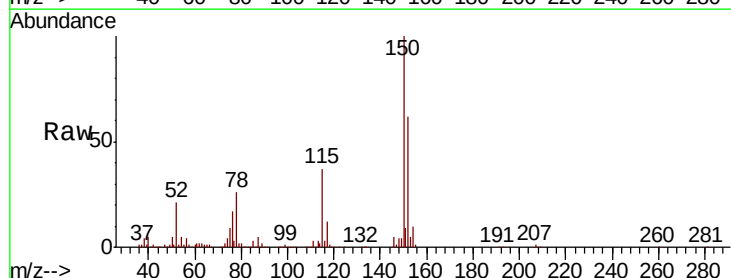
Tgt Ion:152 Resp: 261333

Ion Ratio Lower Upper

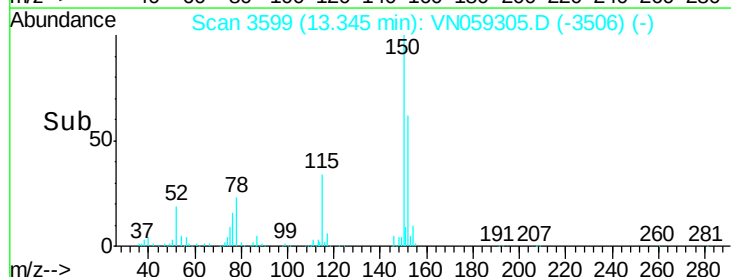
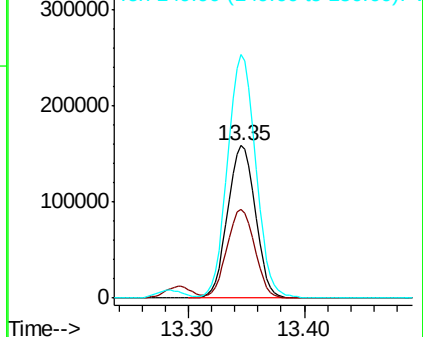
152 100

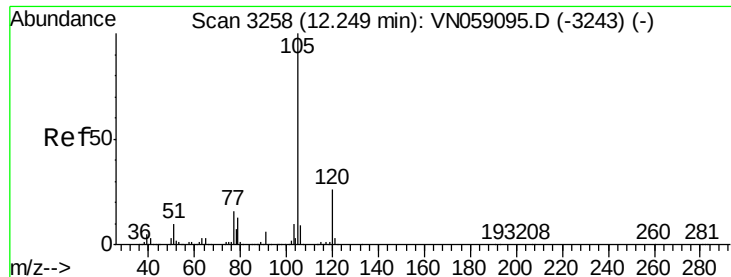
115 58.2 29.4 88.2

150 162.9 0.0 345.8



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: 16.789 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

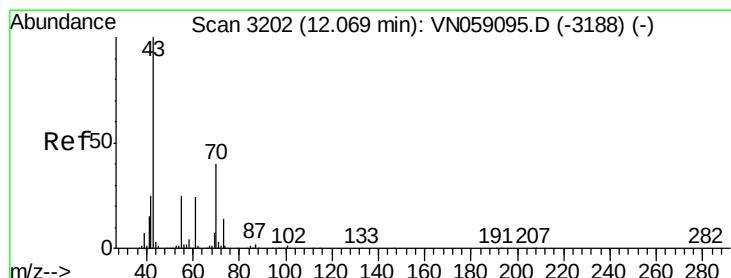
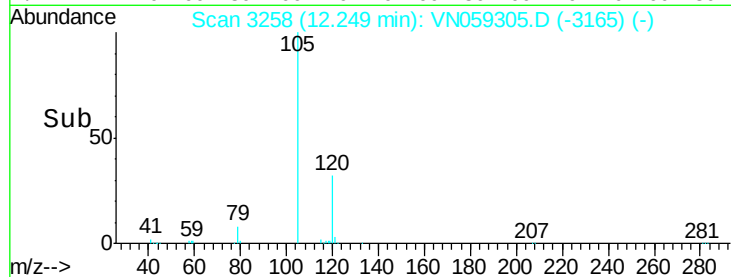
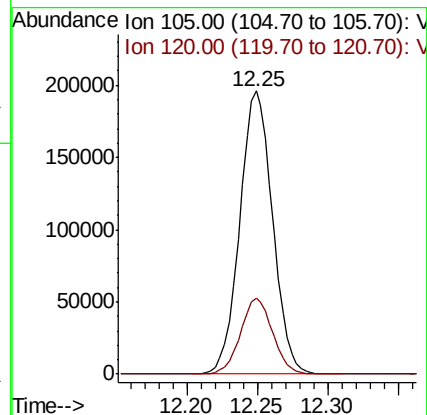
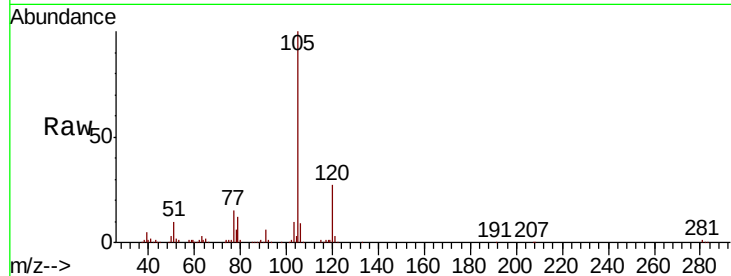
ClientSampleId :

Tot Ion:105 Resp: 319147

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 15.050 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Tgt Ion: 43 Resp: 121225

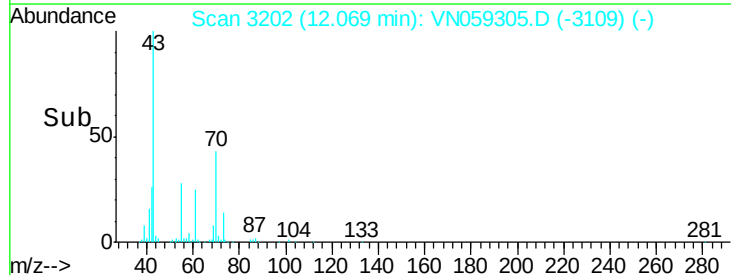
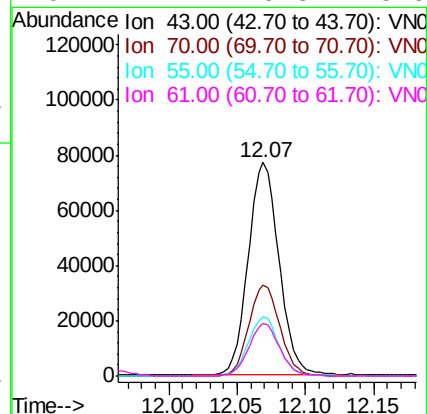
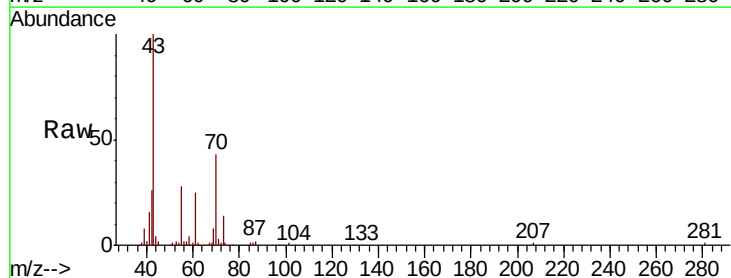
Ion Ratio Lower Upper

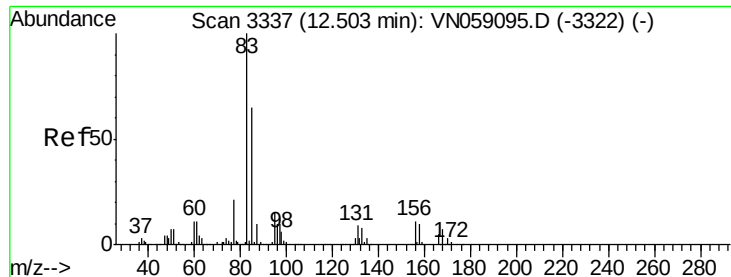
43 100

70 43.2 32.2 48.4

55 27.7 20.4 30.6

61 24.7 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 16.095 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

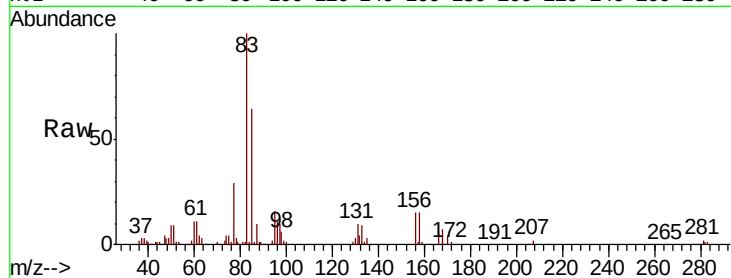
Tot Ion: 83 Resp: 104195

Ion Ratio Lower Upper

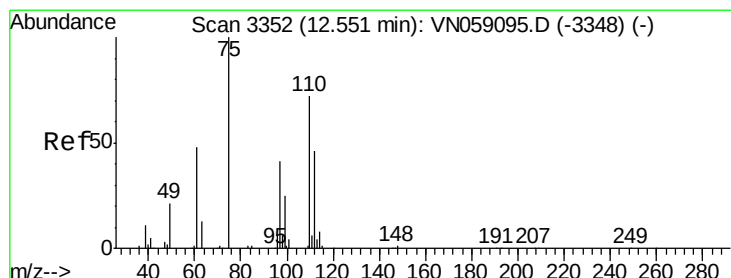
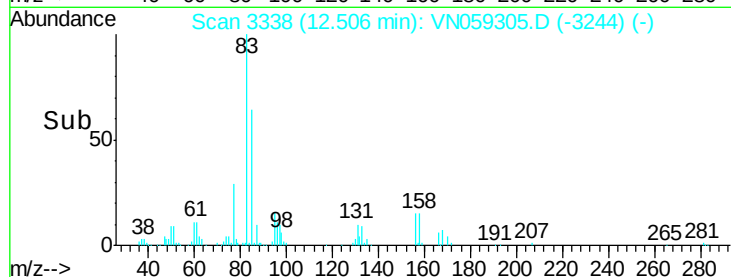
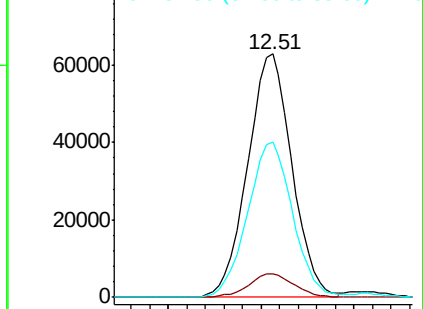
83 100

131 9.8 4.9 14.6

85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 22.870 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059305.D

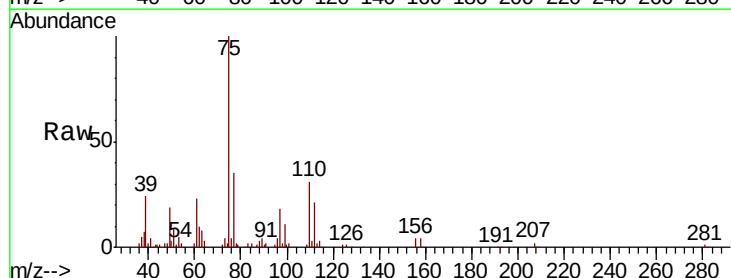
Acq: 19 Nov 2019 14:15

Tgt Ion: 75 Resp: 136071

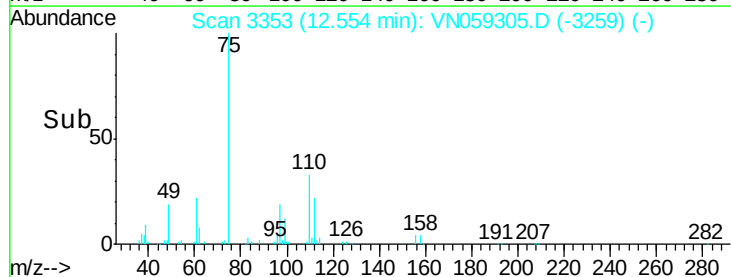
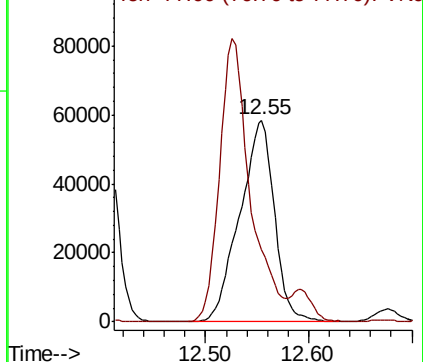
Ion Ratio Lower Upper

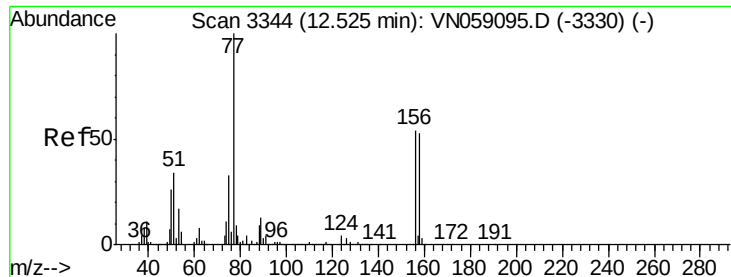
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 16.088 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

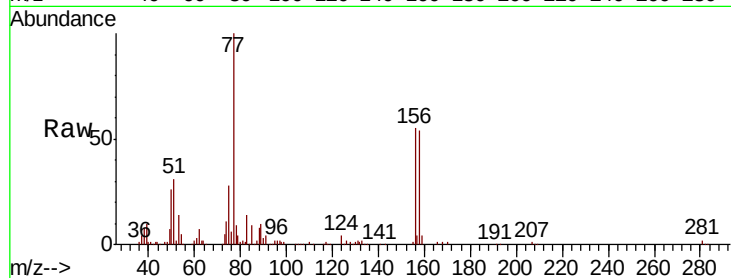
Tot Ion:156 Resp: 76835

Ion Ratio Lower Upper

156 100

77 221.2 112.8 338.3

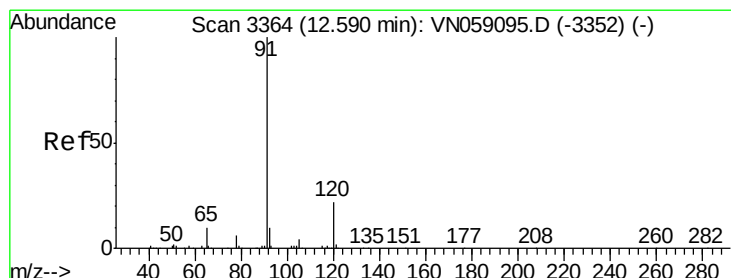
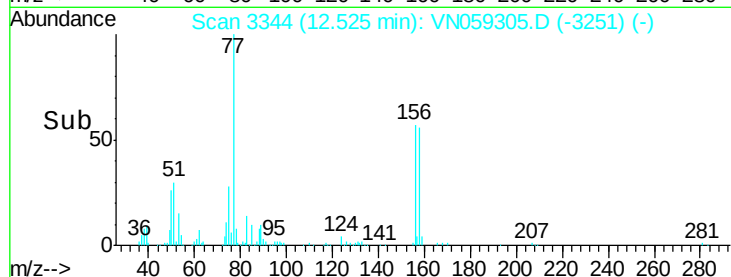
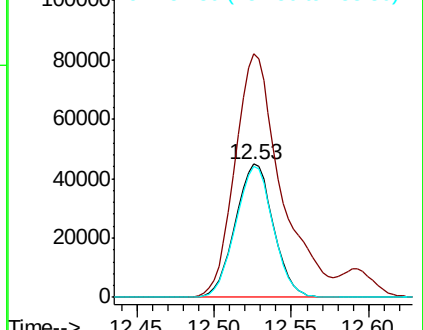
158 97.0 48.4 145.3



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: 16.660 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059305.D

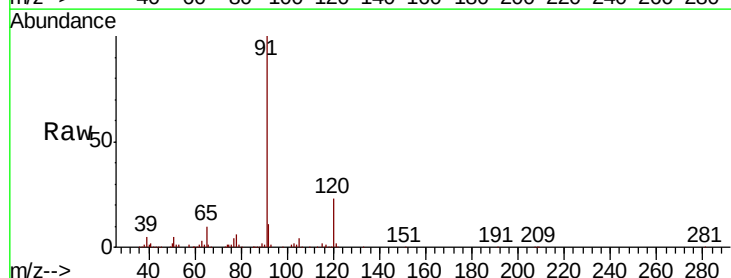
Acq: 19 Nov 2019 14:15

Tgt Ion: 91 Resp: 362615

Ion Ratio Lower Upper

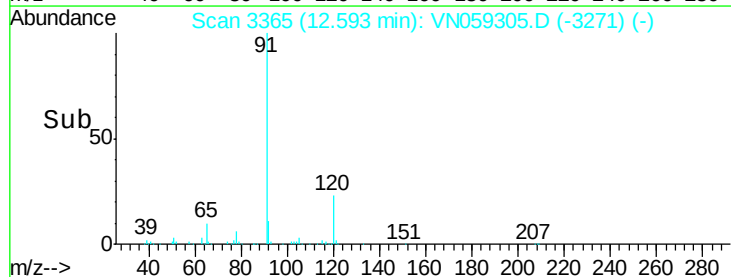
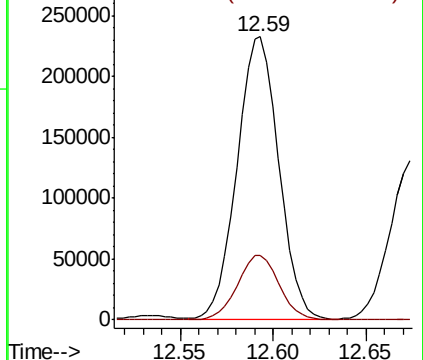
91 100

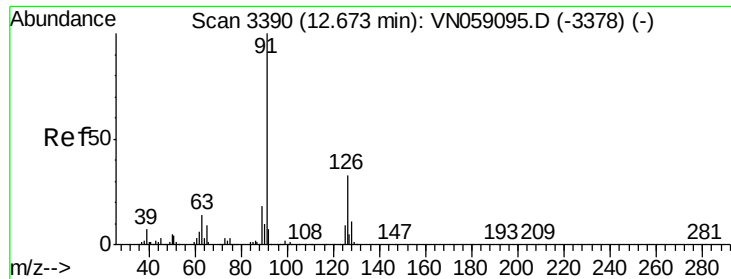
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.191 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

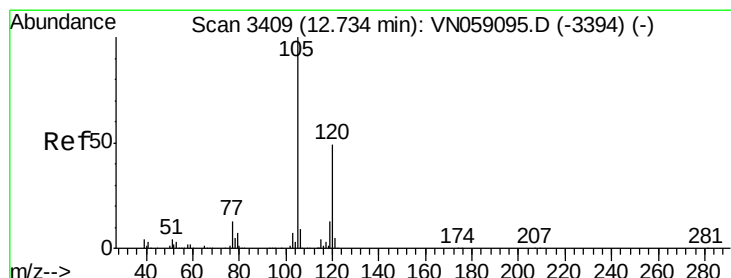
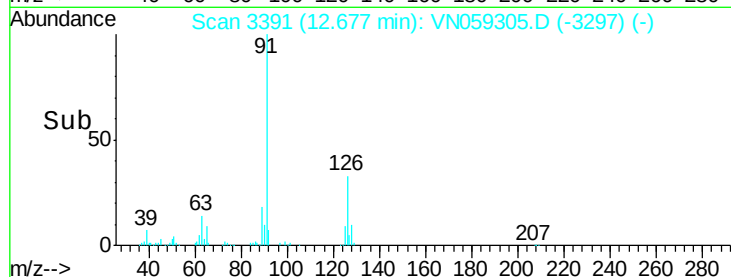
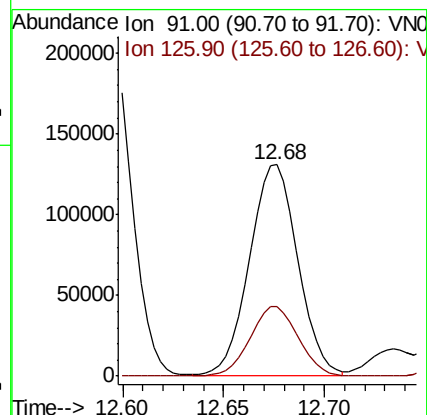
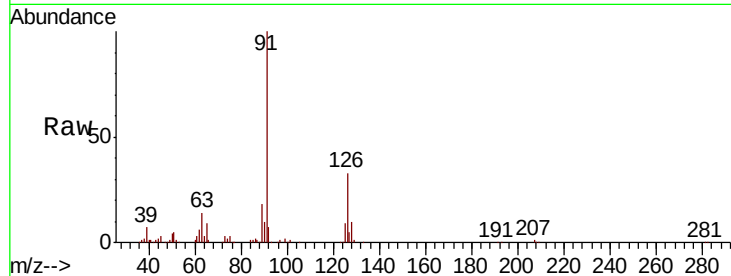
ClientSampled :

Tot Ion: 91 Resp: 218616

Ion Ratio Lower Upper

91 100

126 33.1 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 16.578 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059305.D

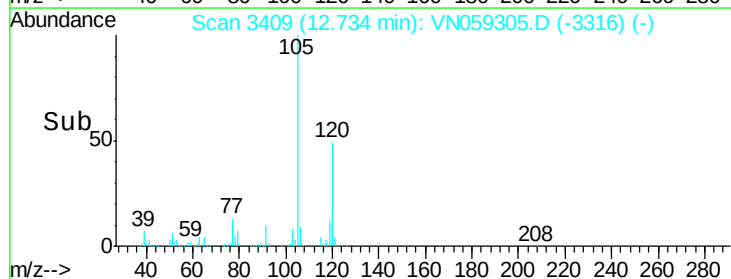
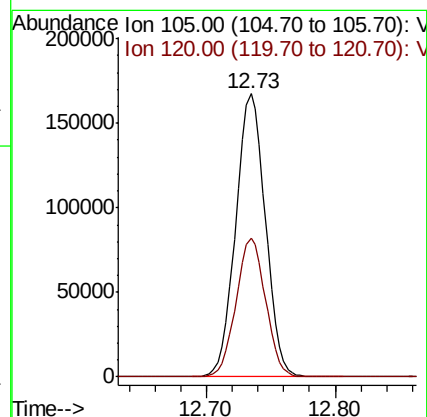
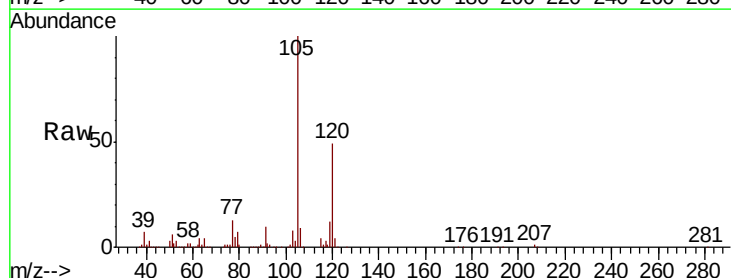
Acq: 19 Nov 2019 14:15

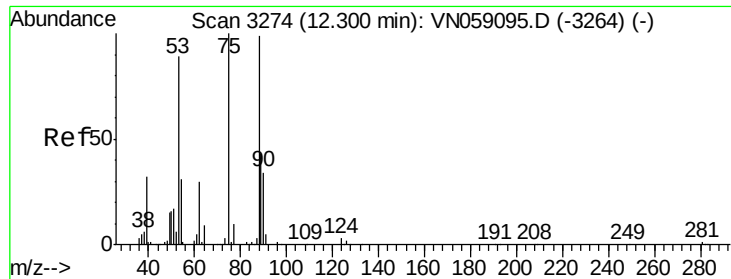
Tgt Ion: 105 Resp: 267026

Ion Ratio Lower Upper

105 100

120 48.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.322 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

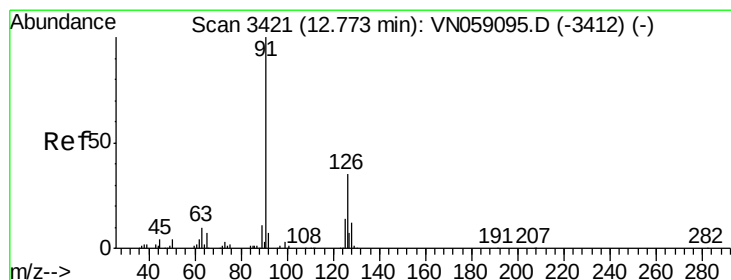
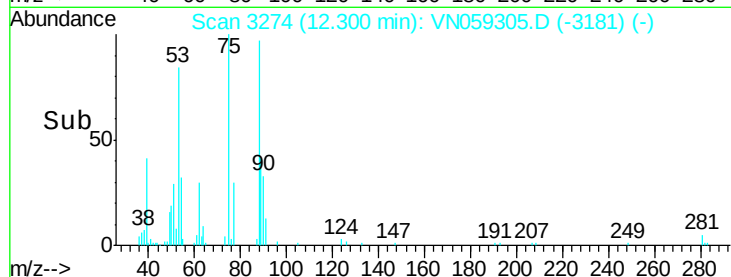
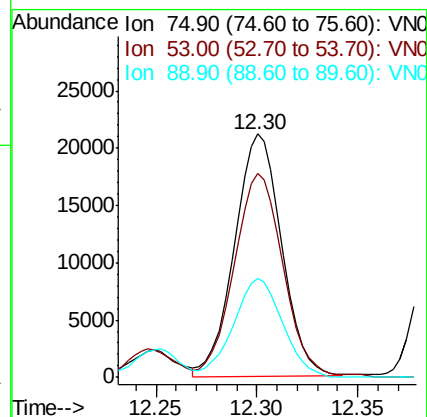
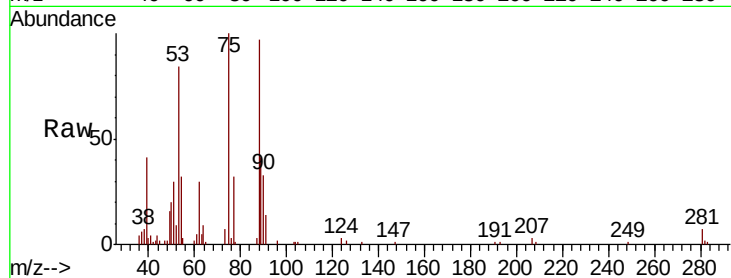
Tot Ion: 75 Resp: 34514

Ion Ratio Lower Upper

75 100

53 85.6 72.2 108.2

89 42.3 35.8 53.8



#82

4-Chlorotoluene

Concen: 16.503 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059305.D

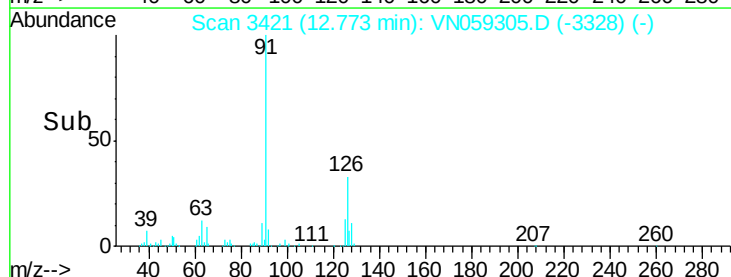
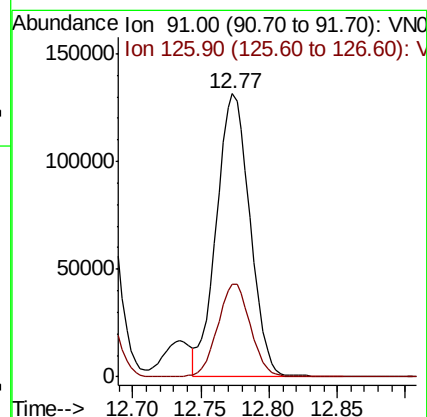
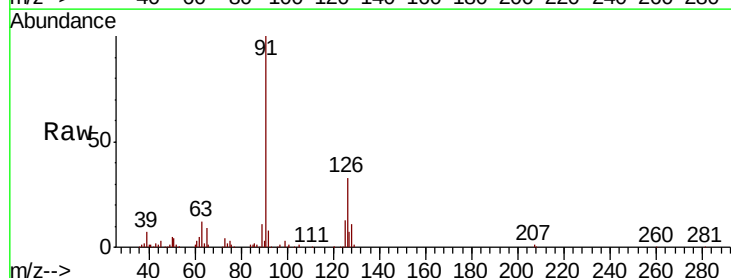
Acq: 19 Nov 2019 14:15

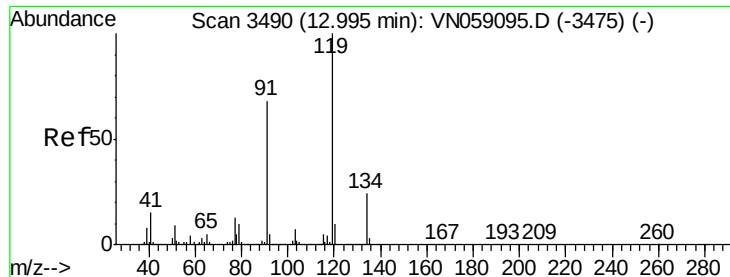
Tgt Ion: 91 Resp: 223498

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.2

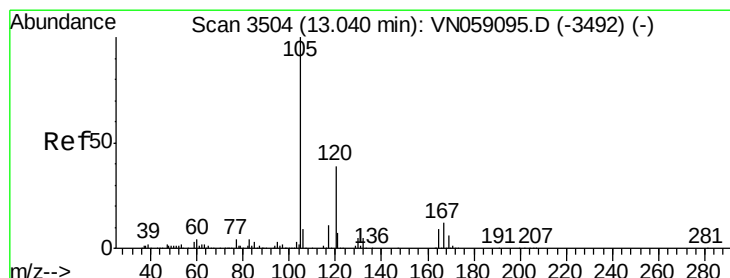
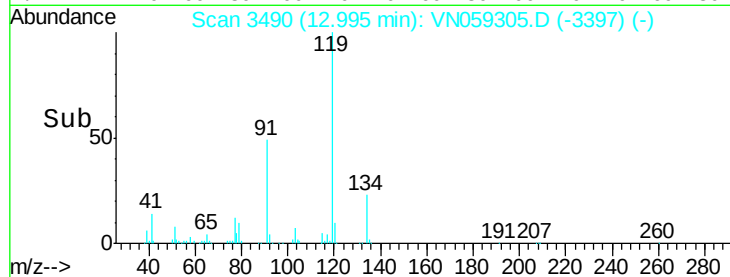
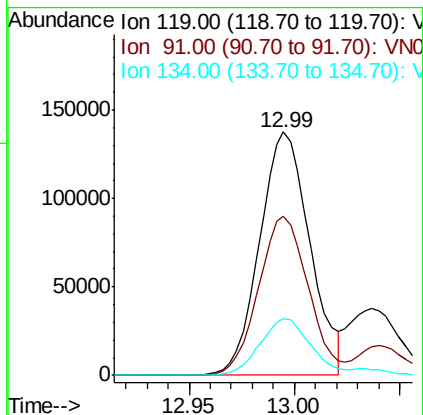
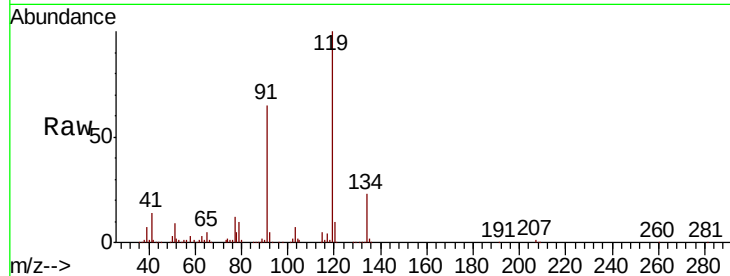




#83
 tert-Butylbenzene
 Concen: 16.386 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

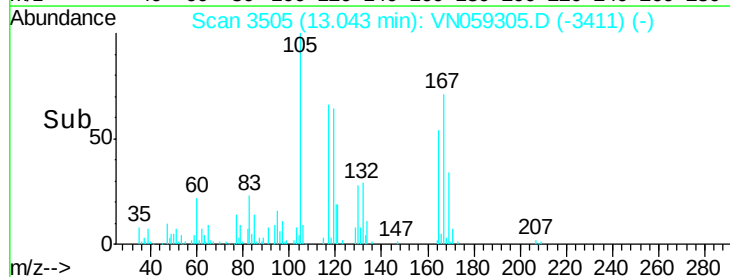
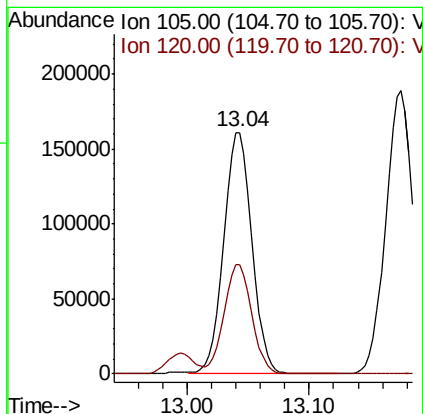
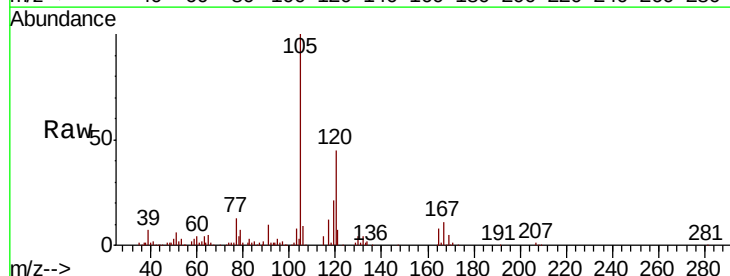
Instrument :
 MSVOA_N
 ClientSampleId :

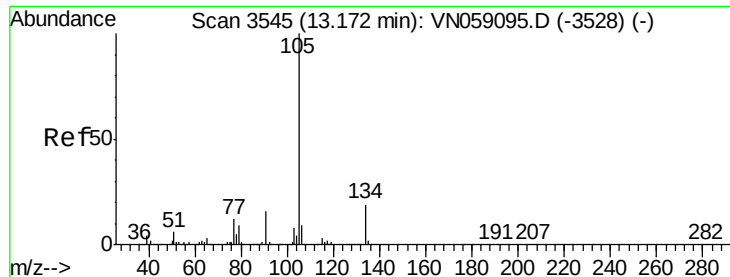
Tot Ion:119 Resp: 227939
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.2 99.6
 134 23.6 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.697 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion:105 Resp: 260203
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.8 68.4

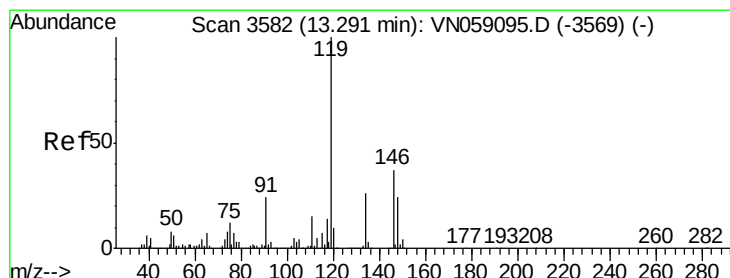
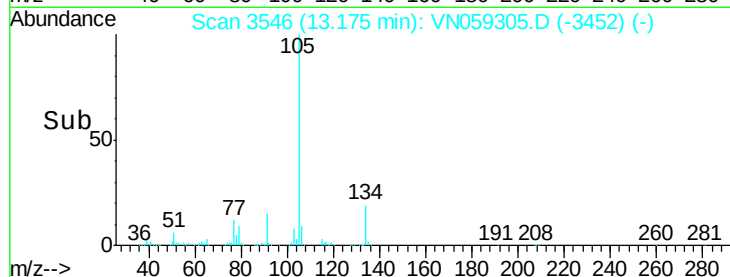
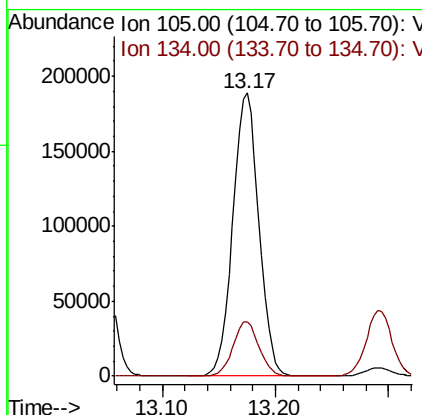
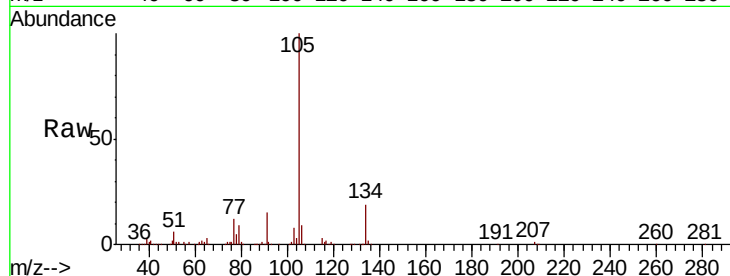




#85
 sec-Butylbenzene
 Concen: 16.711 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

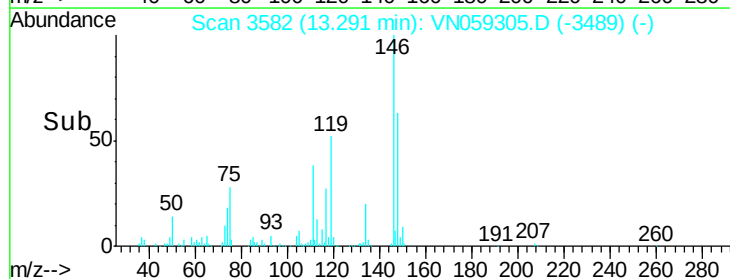
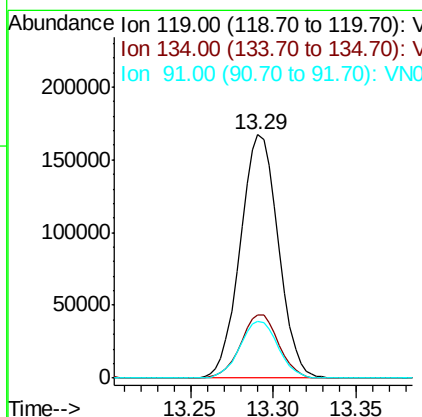
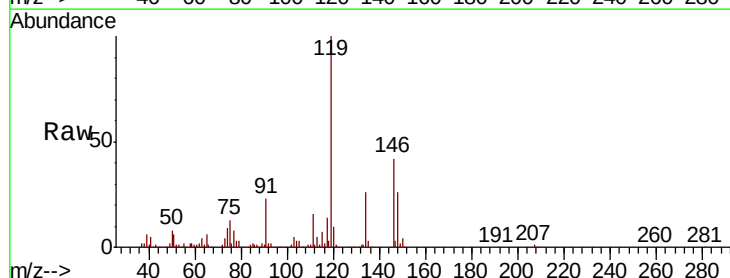
Instrument :
 MSVOA_N
 ClientSampled :

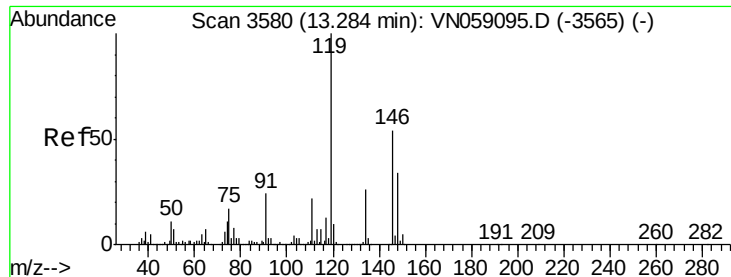
Tot Ion:105 Resp: 302316
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 16.622 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion:119 Resp: 265514
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.7 11.7 35.1

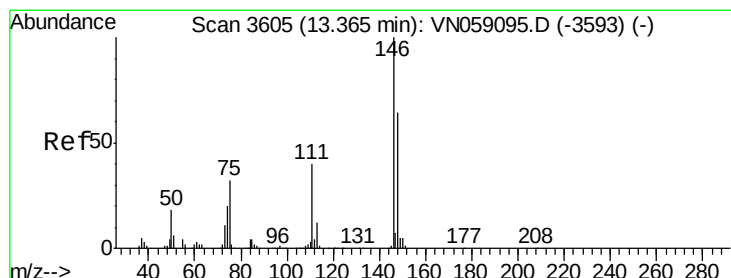
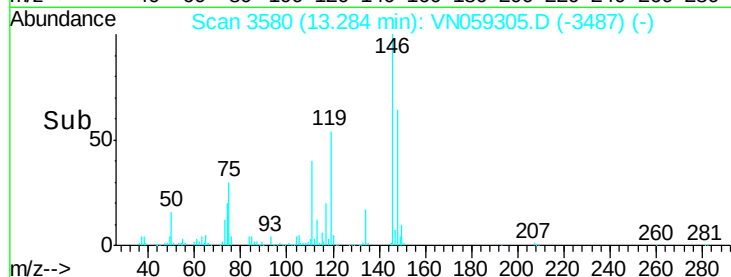
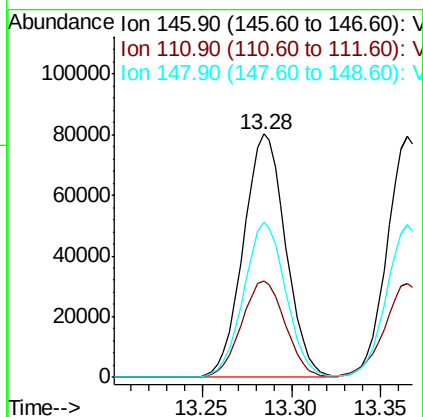
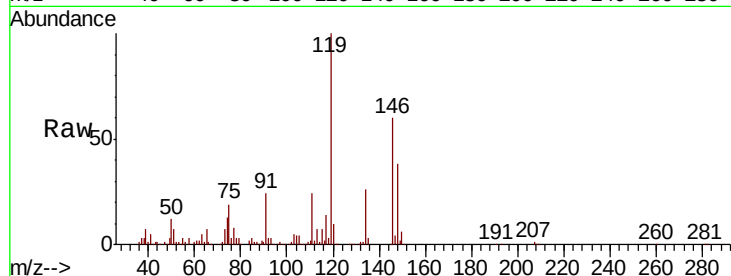




#87
 1,3-Dichlorobenzene
 Concen: 16.260 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

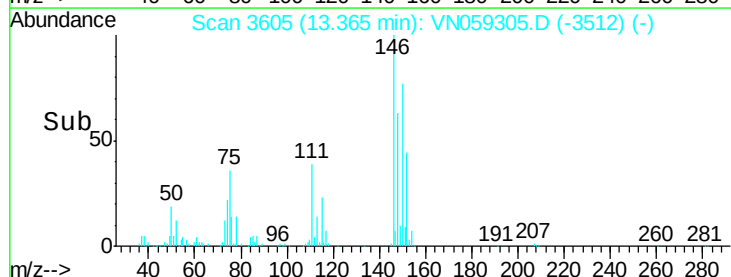
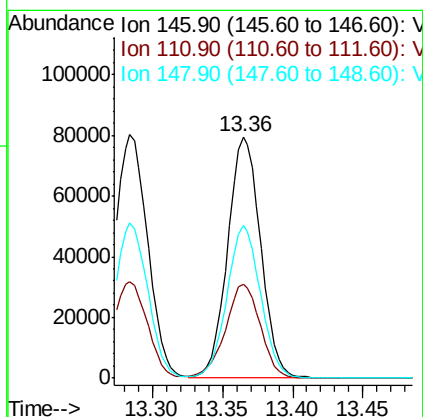
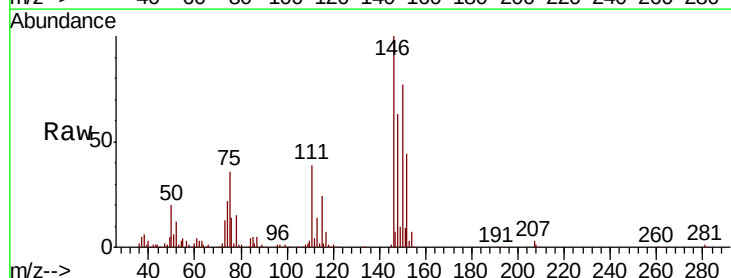
Instrument :
 MSVOA_N
 ClientSampleId :

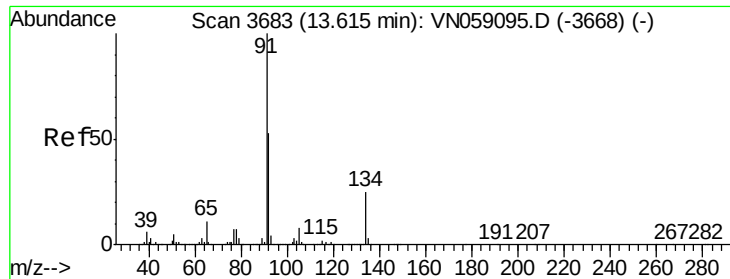
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	63.4	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 15.933 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.2	31.9	95.7

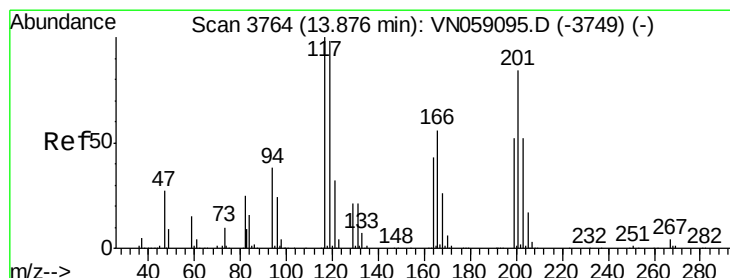
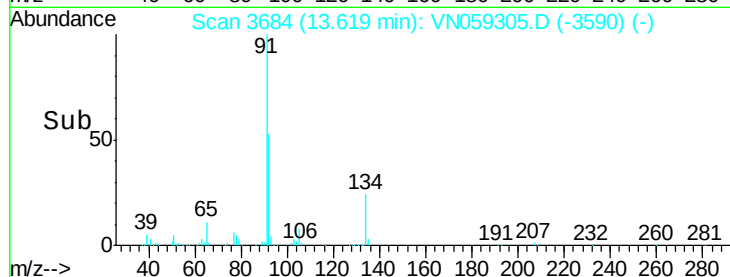
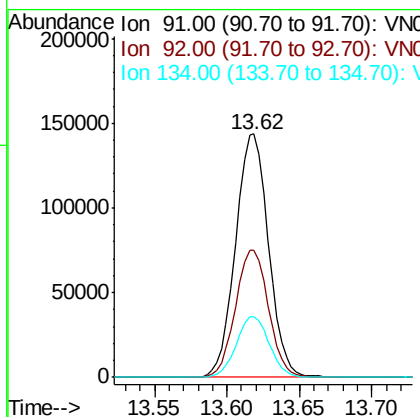
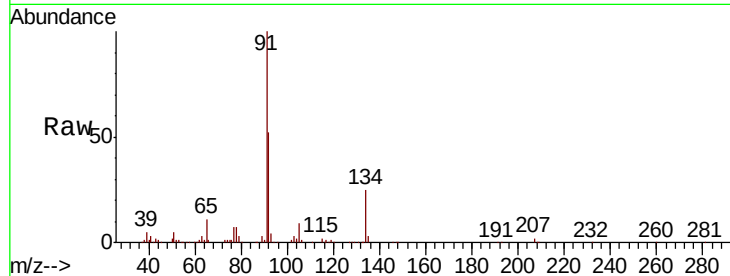




#89
n-Butylbenzene
Concen: 16.223 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

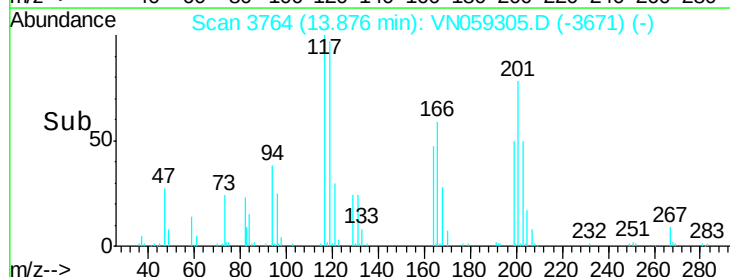
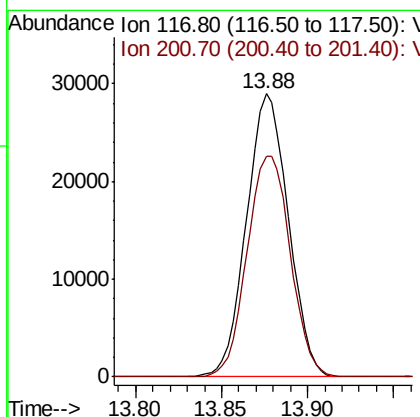
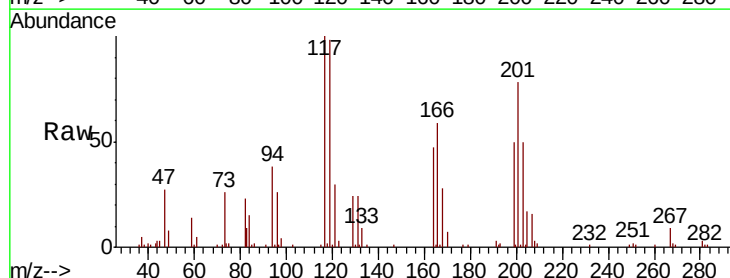
Instrument :
MSVOA_N
ClientSampled :

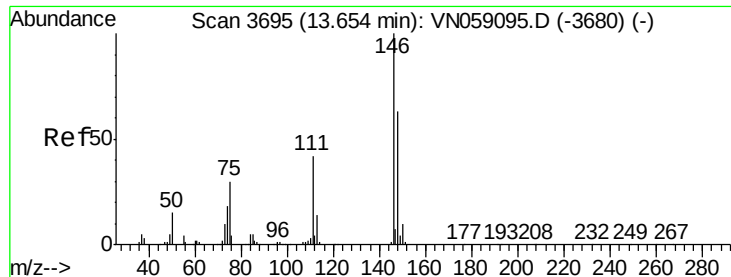
Tot Ion: 91 Resp: 226805
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.3
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 15.299 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion: 117 Resp: 49072
Ion Ratio Lower Upper
117 100
201 80.3 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 16.128 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

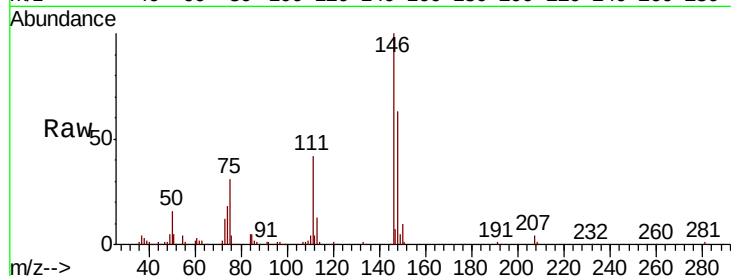
Tot Ion:146 Resp: 129752

Ion Ratio Lower Upper

146 100

111 41.8 21.2 63.6

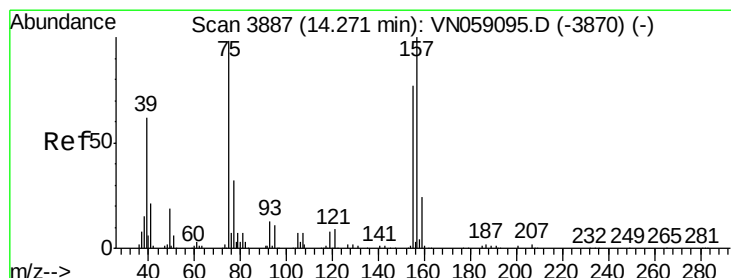
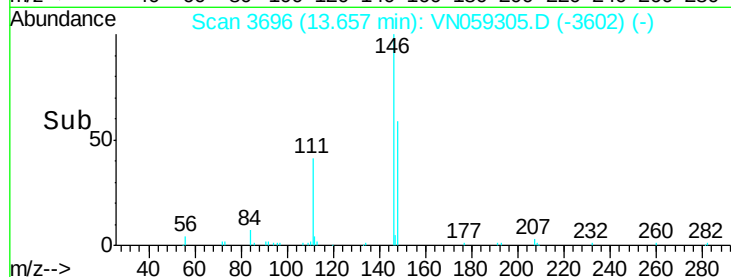
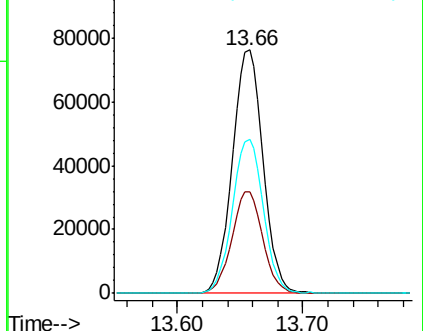
148 64.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.978 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059305.D

Acq: 19 Nov 2019 14:15

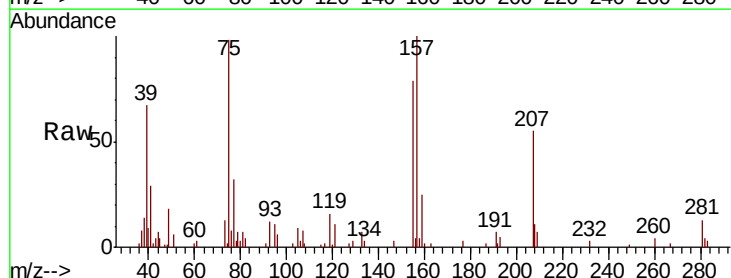
Tgt Ion: 75 Resp: 20613

Ion Ratio Lower Upper

75 100

155 76.5 40.2 120.6

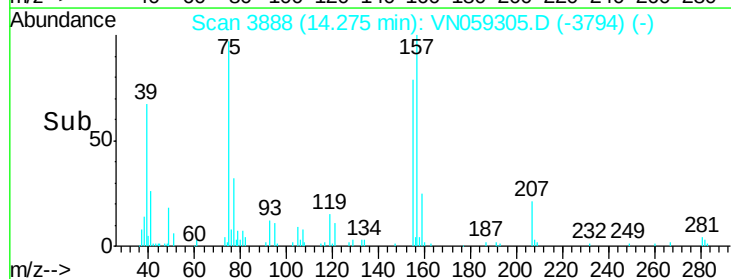
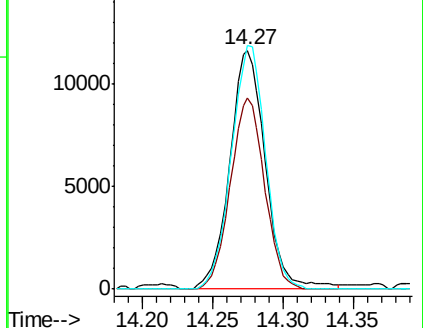
157 97.9 51.8 155.5

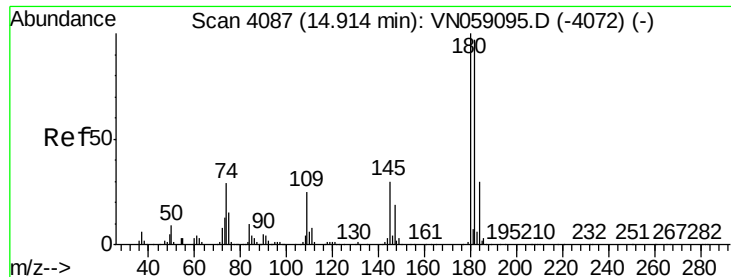


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

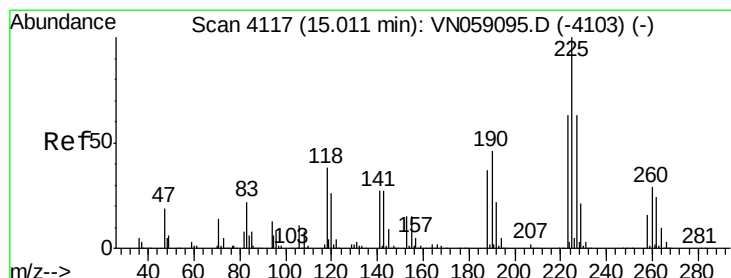
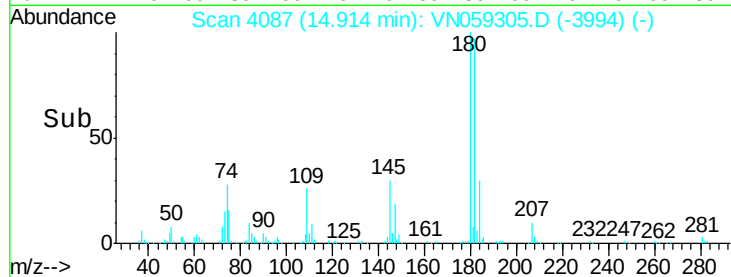
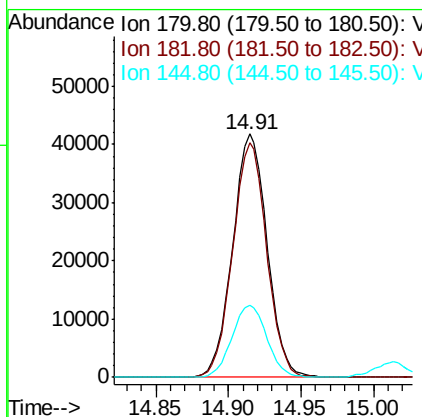
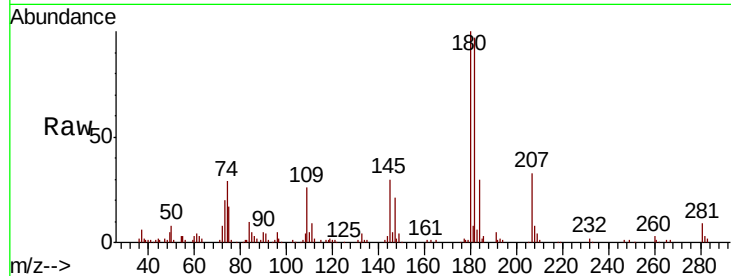




#93
 1,2,4-Trichlorobenzene
 Concen: 16.291 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

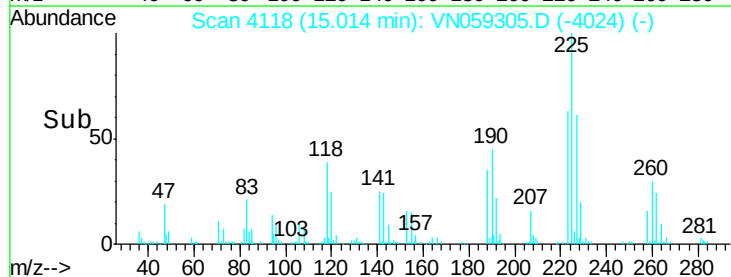
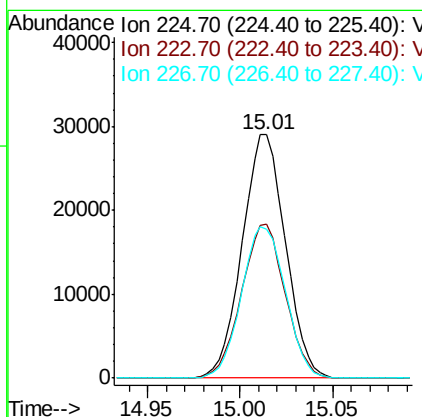
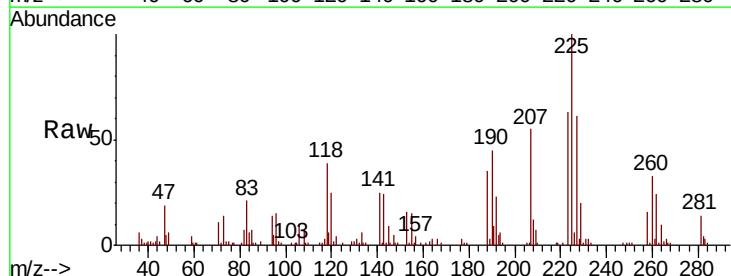
Instrument :
 MSVOA_N
 ClientSampled :

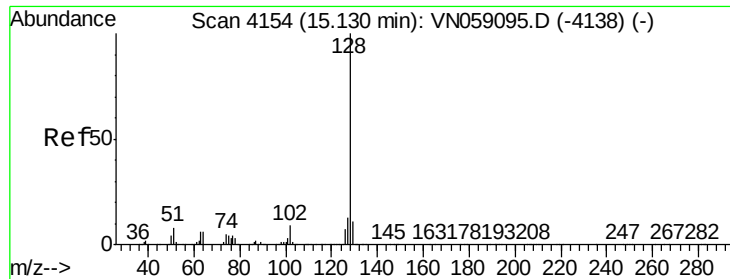
Tot Ion:180 Resp: 68843
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.1 144.3
 145 30.1 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 16.939 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059305.D
 Acq: 19 Nov 2019 14:15

Tgt Ion:225 Resp: 46990
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.9
 227 63.0 31.5 94.5

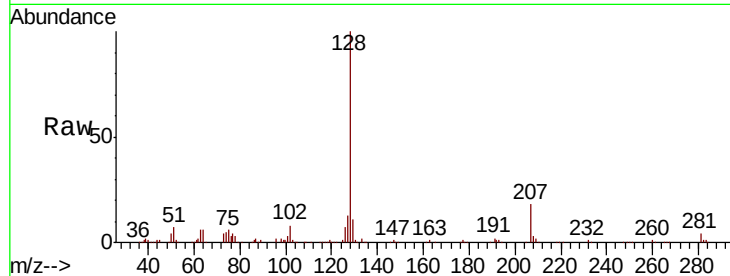




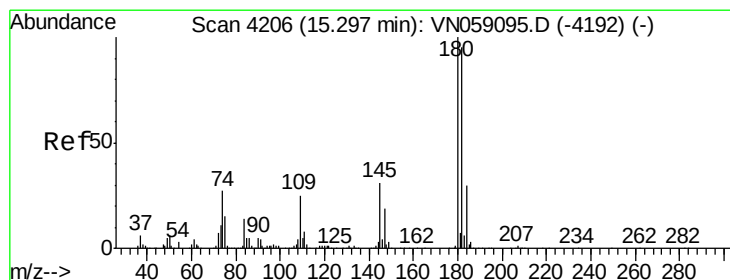
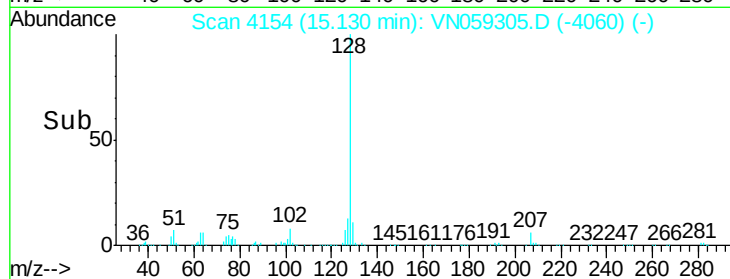
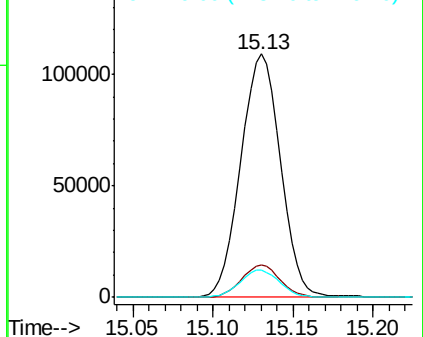
#95
Naphthalene
Concen: 15.887 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.6	12.8

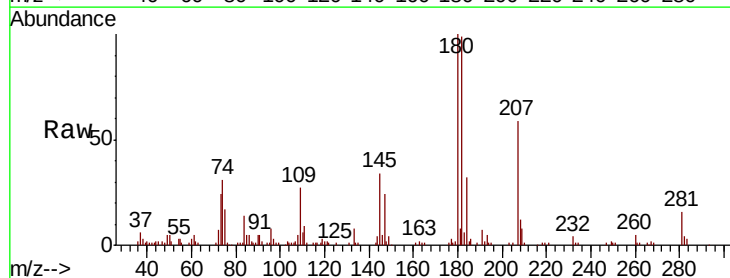


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 15.260 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059305.D
Acq: 19 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.8
145	31.8	15.8	47.3



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

