

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063357.D
 Acq On : 16 Sep 2020 10:34
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 16 12:19:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	283880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	495122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	4711	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	
35) Dibromofluoromethane	7.56	113	3061	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	
50) Toluene-d8	10.06	98	11198	0.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.82%	
62) 4-Bromofluorobenzene	12.38	95	4314	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	3075	1.092 ug/l	96
3) Chloromethane	2.03	50	5014	1.213 ug/l	99
4) Vinyl Chloride	2.16	62	3417	0.889 ug/l	95
5) Bromomethane	2.54	94	2343	0.902 ug/l	83
6) Chloroethane	2.67	64	2613	1.056 ug/l	92
7) Trichlorofluoromethane	2.98	101	5271	0.890 ug/l	99
8) Diethyl Ether	3.37	74	2155	0.999 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.70	101	1807	0.578 ug/l #	77
10) Methyl Iodide	3.91	142	3205	0.795 ug/l #	66
11) Tert butyl alcohol	4.72	59	376	0.624 ug/l #	52
12) 1,1-Dichloroethene	3.69	96	3313	1.056 ug/l	83
13) Acrolein	3.56	56	360	1.302 ug/l	98
14) Allyl chloride	4.27	41	5486	0.854 ug/l #	78
15) Acrylonitrile	4.94	53	7004	4.306 ug/l	95
16) Acetone	3.79	43	9277	6.012 ug/l	97
17) Carbon Disulfide	4.01	76	9267	0.956 ug/l #	93
18) Methyl Acetate	4.28	43	3399	0.873 ug/l #	89
19) Methyl tert-butyl Ether	4.98	73	6122	0.545 ug/l #	89
20) Methylene Chloride	4.50	84	4550	1.152 ug/l	84
21) trans-1,2-Dichloroethene	4.99	96	3668	1.047 ug/l #	61
22) Diisopropyl ether	5.90	45	12669	1.008 ug/l	92
23) Vinyl Acetate	5.85	43	45731	4.599 ug/l	97
24) 1,1-Dichloroethane	5.80	63	6657	0.970 ug/l #	90
25) 2-Butanone	6.79	43	11684	5.105 ug/l	94
26) 2,2-Dichloropropane	6.78	77	6336	1.056 ug/l #	70
27) cis-1,2-Dichloroethene	6.78	96	3991	0.978 ug/l	88
28) Bromochloromethane	7.14	49	1324	0.402 ug/l #	1
29) Tetrahydrofuran	7.17	42	7847	5.263 ug/l #	73
30) Chloroform	7.32	83	7022	1.026 ug/l	99
31) Cyclohexane	7.61	56	13703	2.174 ug/l #	54
32) 1,1,1-Trichloroethane	7.52	97	6111	1.020 ug/l #	54
36) 1,1-Dichloropropene	7.75	75	5078	0.989 ug/l	94
37) Ethyl Acetate	6.88	43	4480	0.884 ug/l #	81
38) Carbon Tetrachloride	7.73	117	4870	0.958 ug/l	99

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 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 16 12:19:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	5584	0.998	ug/l	86
40) Benzene	8.00	78	14598	0.997	ug/l	92
41) Methacrylonitrile	7.16	41	8653	3.750	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	5562	0.991	ug/l	91
43) Isopropyl Acetate	8.13	43	9497	1.104	ug/l #	95
44) Trichloroethene	8.80	130	3737	0.991	ug/l	100
45) 1,2-Dichloropropane	9.09	63	3913	0.973	ug/l	90
46) Dibromomethane	9.18	93	2368	0.904	ug/l	94
47) Bromodichloromethane	9.37	83	4896	0.900	ug/l #	97
48) Methyl methacrylate	9.17	41	4691	1.135	ug/l #	76
49) 1,4-Dioxane	9.18	88	1357	21.317	ug/l #	64
51) 4-Methyl-2-Pentanone	9.96	43	23150	4.891	ug/l	97
52) Toluene	10.12	92	7807	0.871	ug/l	90
53) t-1,3-Dichloropropene	10.35	75	5662	0.953	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	5829	0.912	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	3405	0.970	ug/l	92
56) Ethyl methacrylate	10.40	69	4899	0.919	ug/l	95
57) 1,3-Dichloropropane	10.68	76	6120	0.997	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	14114	4.922	ug/l	98
59) 2-Hexanone	10.73	43	16709	4.790	ug/l	99
60) Dibromochloromethane	10.87	129	3545	0.919	ug/l	98
61) 1,2-Dibromoethane	10.98	107	3413	0.932	ug/l	100
64) Tetrachloroethene	10.60	164	2925	0.862	ug/l	97
65) Chlorobenzene	11.41	112	8844	0.962	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2950	0.879	ug/l #	58
67) Ethyl Benzene	11.49	91	16348	0.988	ug/l	94
68) m/p-Xylenes	11.59	106	11573	1.888	ug/l	98
69) o-Xylene	11.92	106	5364	0.914	ug/l	96
70) Styrene	11.94	104	8336	0.852	ug/l	97
71) Bromoform	12.11	173	2076	0.883	ug/l #	96
73) Isopropylbenzene	12.22	105	13809	0.915	ug/l	96
74) N-amyl acetate	12.05	43	6298	1.006	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	4566	1.045	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	6790	1.613	ug/l #	100
77) Bromobenzene	12.50	156	3176	0.917	ug/l	78
78) n-propylbenzene	12.57	91	16312	0.953	ug/l	95
79) 2-Chlorotoluene	12.65	91	10328	0.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	10701	0.854	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.27	75	1440	0.929	ug/l	92
82) 4-Chlorotoluene	12.75	91	10654	0.964	ug/l	96
83) tert-Butylbenzene	12.97	119	9669	0.912	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	11024	0.872	ug/l	90
85) sec-Butylbenzene	13.15	105	12565	0.930	ug/l	100
86) p-Isopropyltoluene	13.26	119	10885	0.881	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	5894	0.930	ug/l	98
88) 1,4-Dichlorobenzene	13.26	146	5894	0.894	ug/l	98
89) n-Butylbenzene	13.59	91	10002	0.895	ug/l	92
90) Hexachloroethane	13.85	117	2165	1.051	ug/l	76
91) 1,2-Dichlorobenzene	13.63	146	5501	0.877	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1034	1.034	ug/l	96

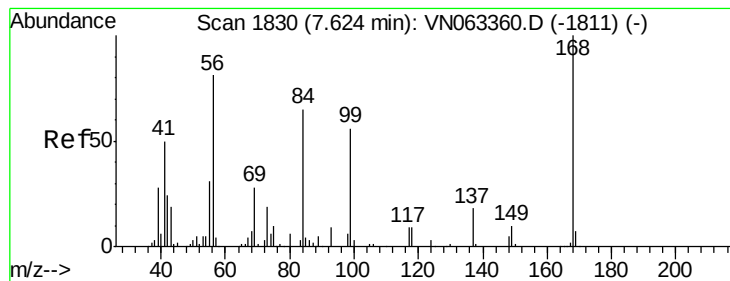
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063357.D
Acq On : 16 Sep 2020 10:34
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VSTDICC001

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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)
93) 1,2,4-Trichlorobenzene	14.89	180	3181	0.861	ug/l	98
94) Hexachlorobutadiene	14.98	225	1316	0.832	ug/l	92
95) Naphthalene	15.11	128	10414	0.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	3216	0.889	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

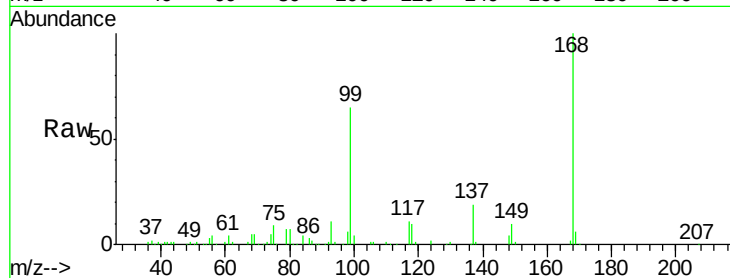
VSTDIC001

Tgt Ion:168 Resp: 283880

Ion Ratio Lower Upper

168 100

99 64.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

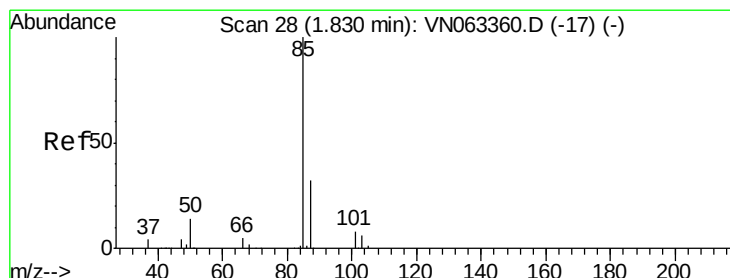
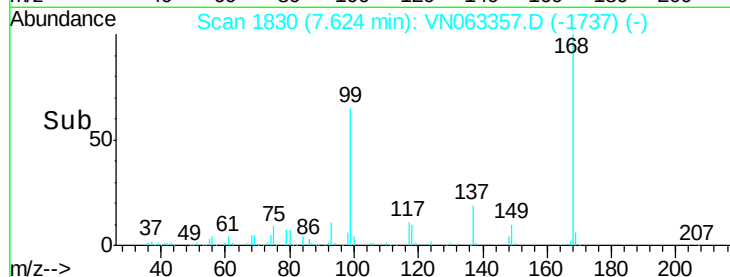
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.092 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063357.D

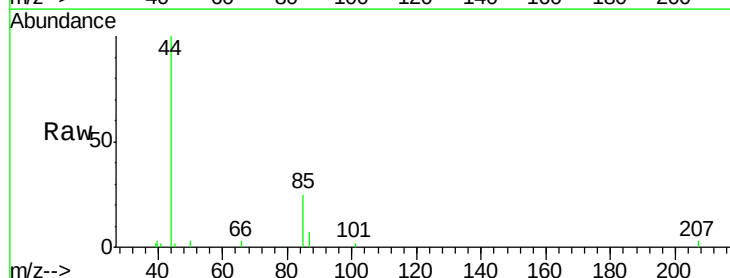
Acq: 16 Sep 2020 10:34

Tgt Ion: 85 Resp: 3075

Ion Ratio Lower Upper

85 100

87 29.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

2500

2000

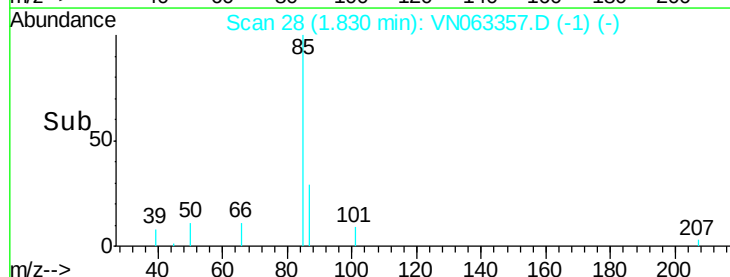
1500

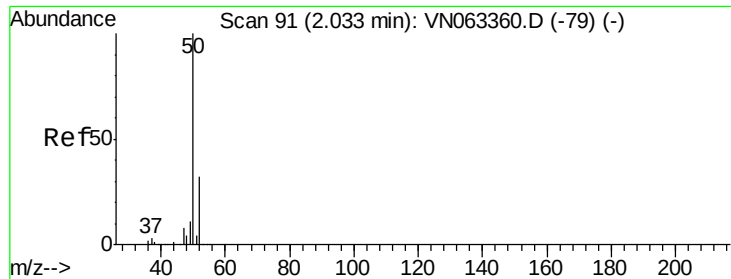
1000

500

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 1.213 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

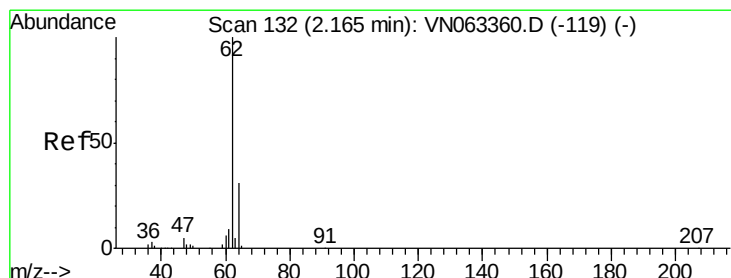
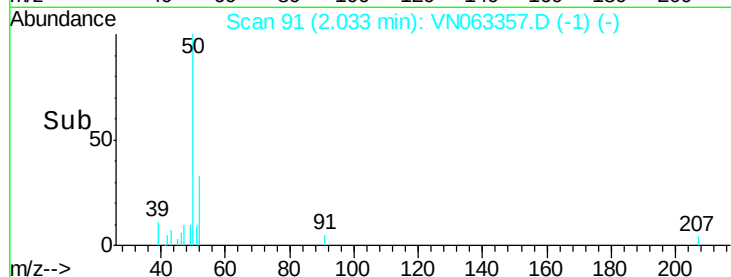
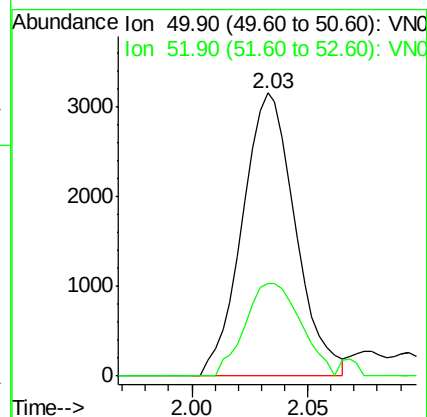
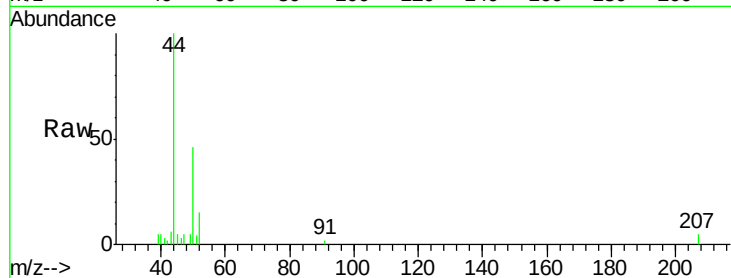
VSTDIC001

Tgt Ion: 50 Resp: 5014

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 0.889 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063357.D

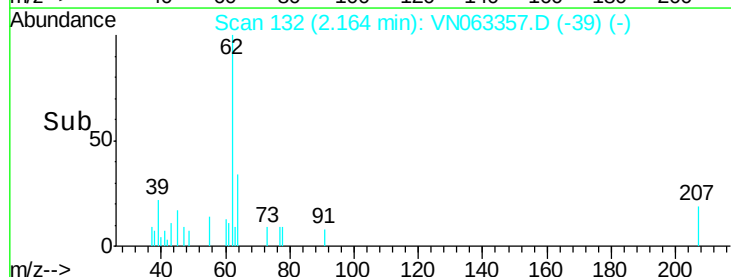
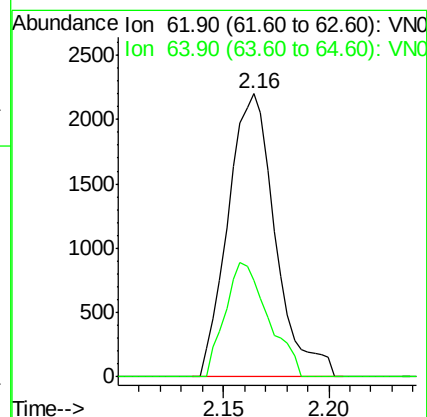
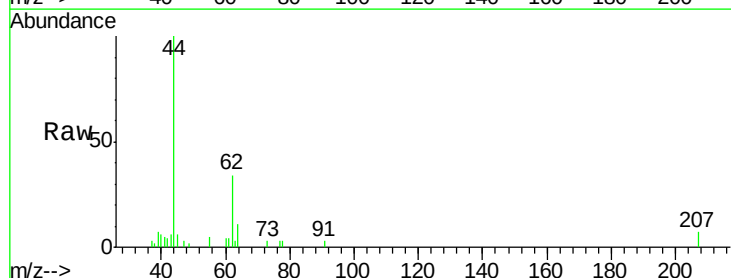
Acq: 16 Sep 2020 10:34

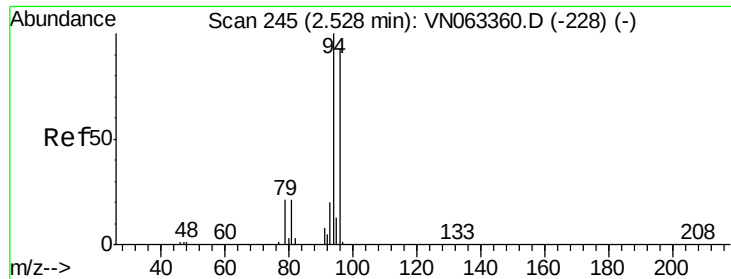
Tgt Ion: 62 Resp: 3417

Ion Ratio Lower Upper

62 100

64 34.2 25.1 37.7





#5

Bromomethane

Concen: 0.902 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

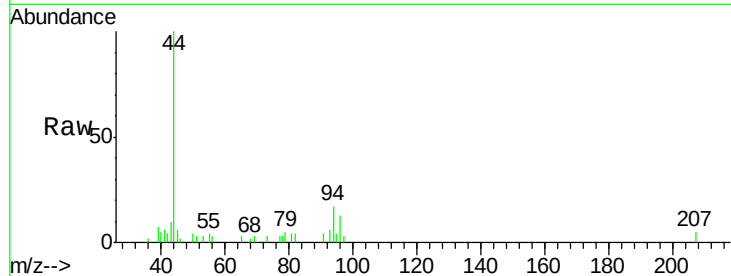
VSTDIC001

Tgt Ion: 94 Resp: 2343

Ion Ratio Lower Upper

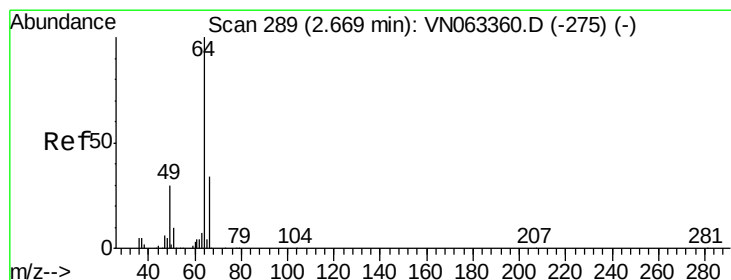
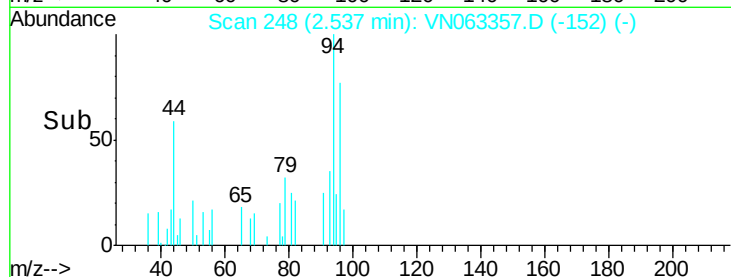
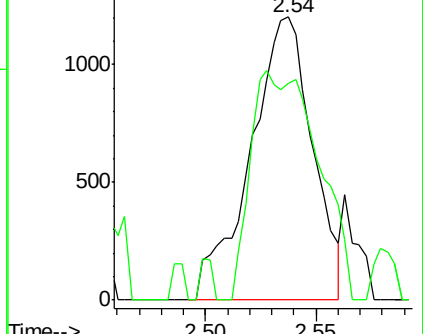
94 100

96 76.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 1.056 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063357.D

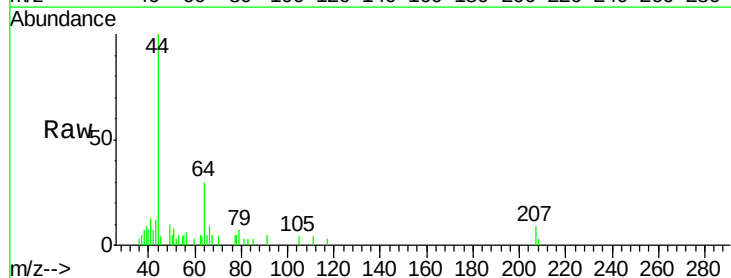
Acq: 16 Sep 2020 10:34

Tgt Ion: 64 Resp: 2613

Ion Ratio Lower Upper

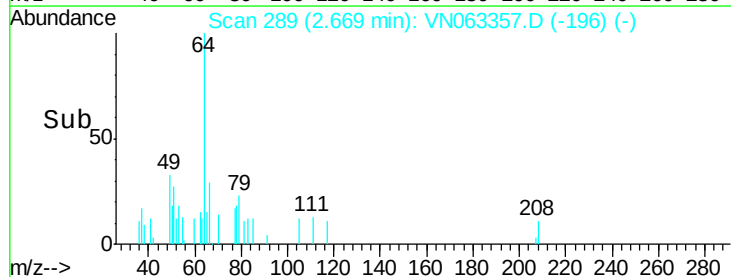
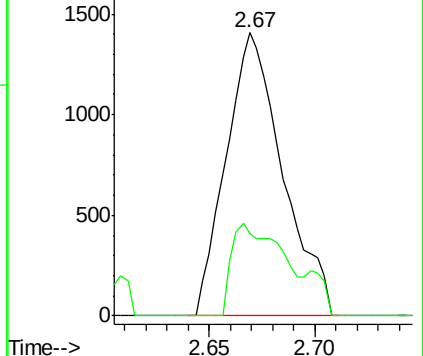
64 100

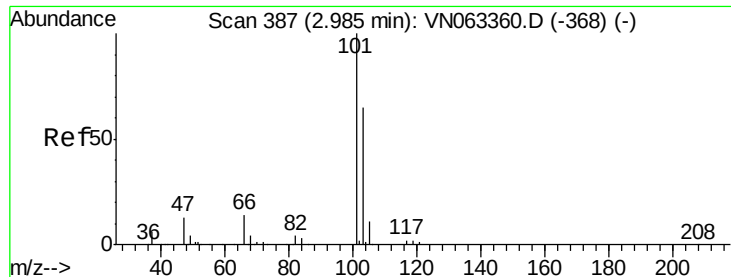
66 29.1 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



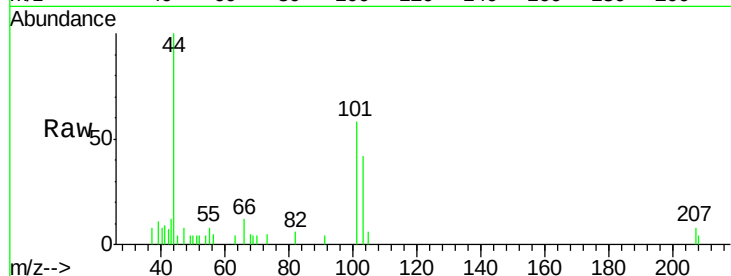


#7

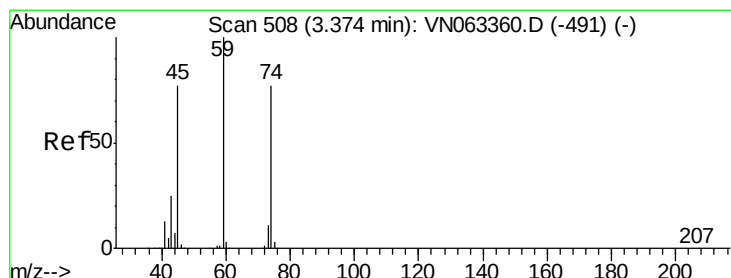
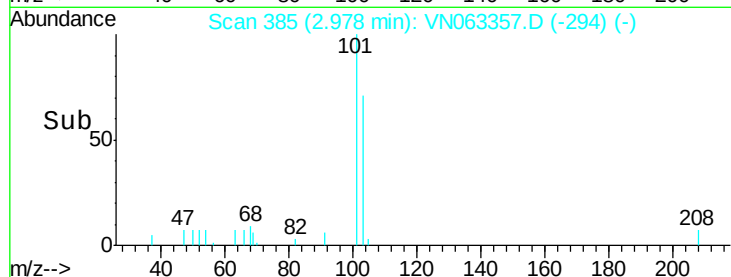
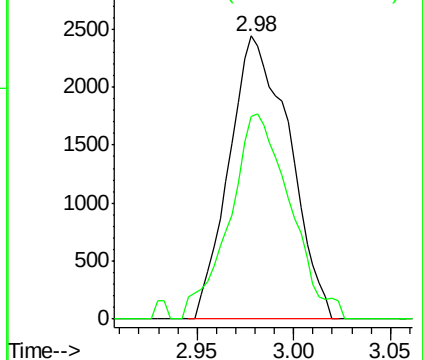
Trichlorofluoromethane
 Concen: 0.890 ug/l
 RT: 2.98 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion: 101 Resp: 5271
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



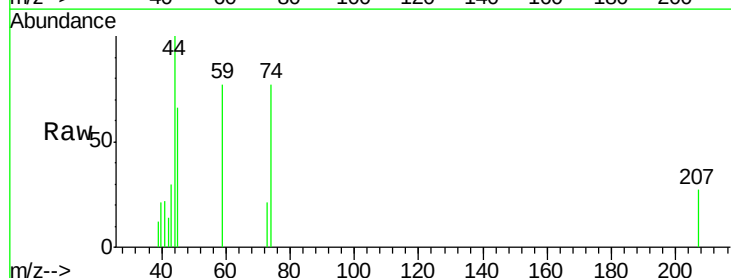
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



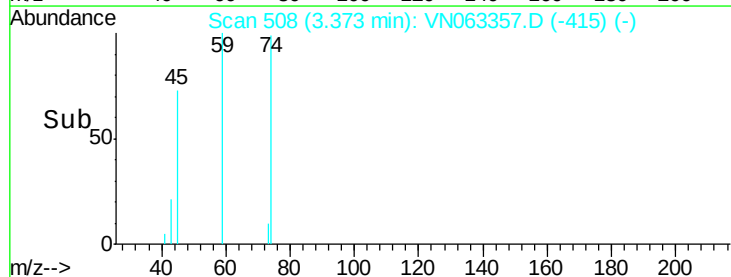
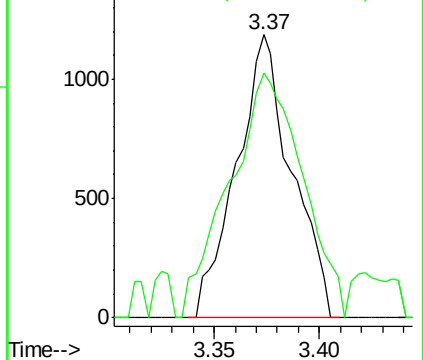
#8

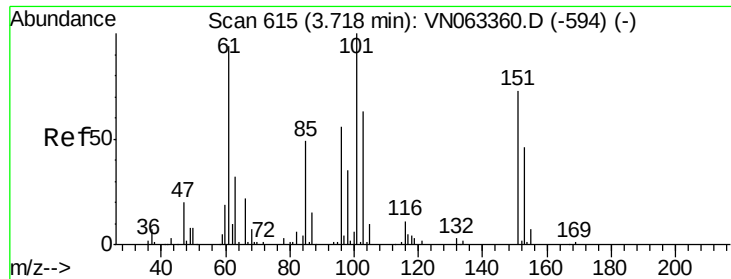
Diethyl Ether
 Concen: 0.999 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 74 Resp: 2155
 Ion Ratio Lower Upper
 74 100
 45 114.8 52.1 156.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.578 ug/l

RT: 3.70 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

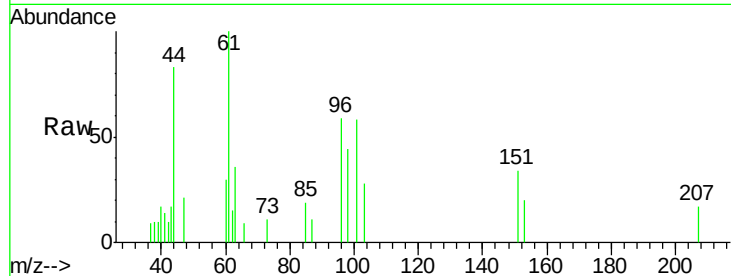
Tgt Ion:101 Resp: 1807

Ion Ratio Lower Upper

101 100

85 84.0 37.7 56.5#

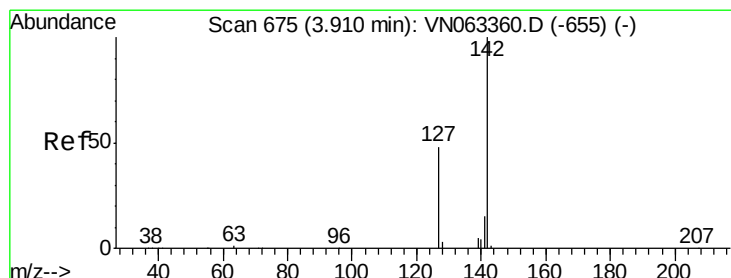
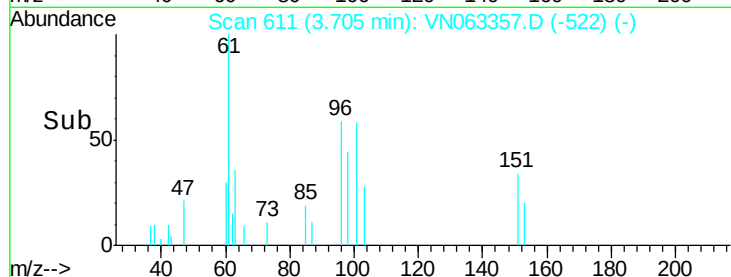
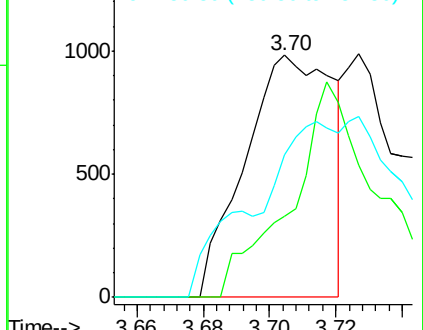
151 69.8 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.795 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

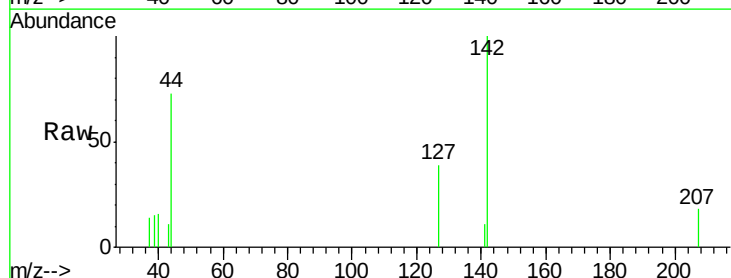
Tgt Ion:142 Resp: 3205

Ion Ratio Lower Upper

142 100

127 23.7 39.0 58.6#

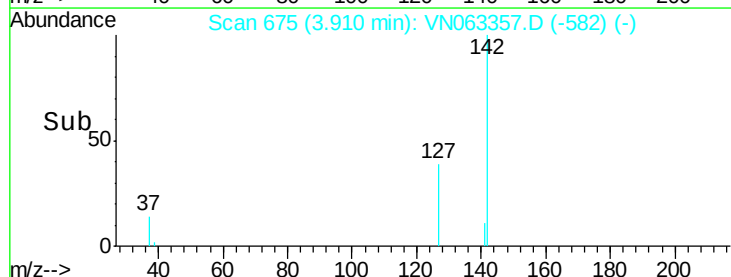
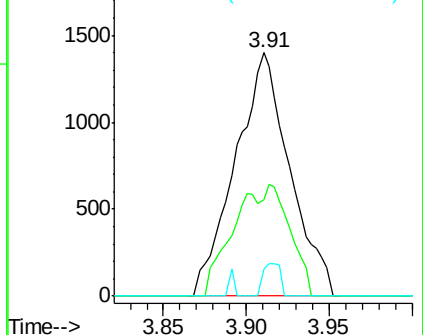
141 4.2 11.6 17.4#

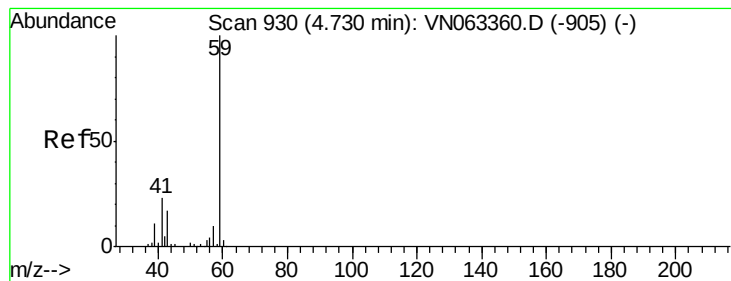


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



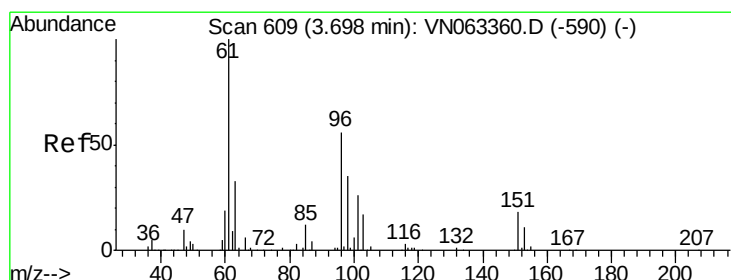
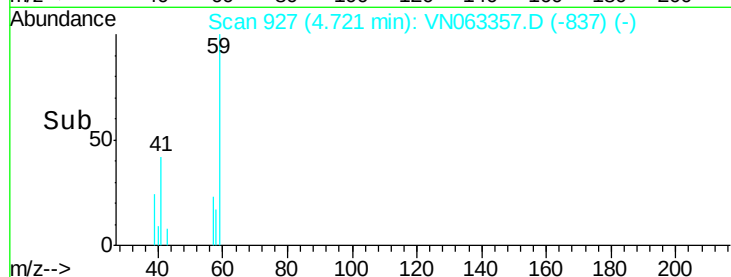
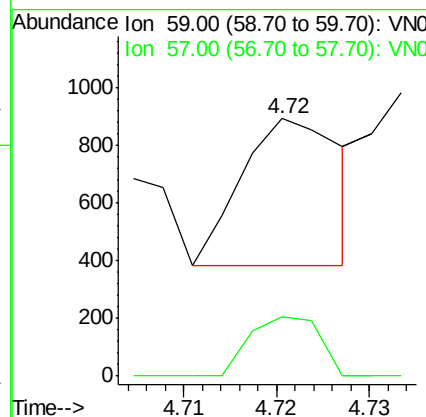
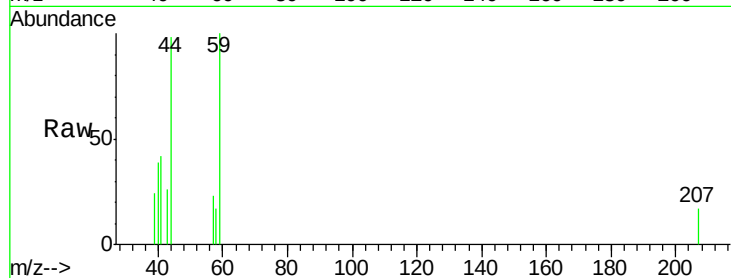


#11

Tert butyl alcohol
 Concen: 0.624 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

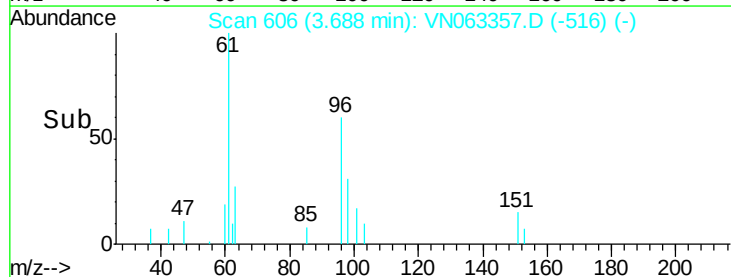
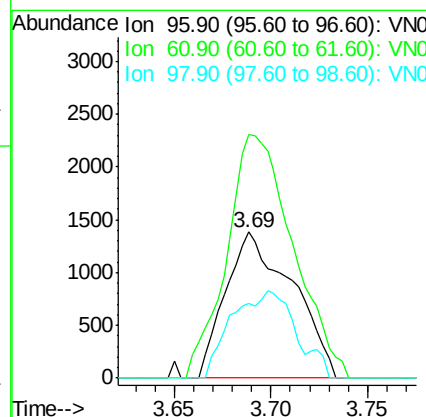
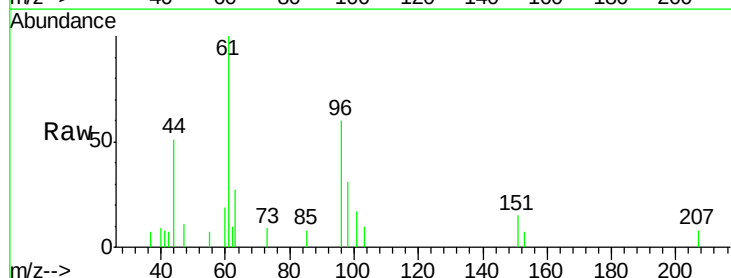
Tgt Ion: 59 Resp: 376
 Ion Ratio Lower Upper
 59 100
 57 28.5 8.4 12.6#

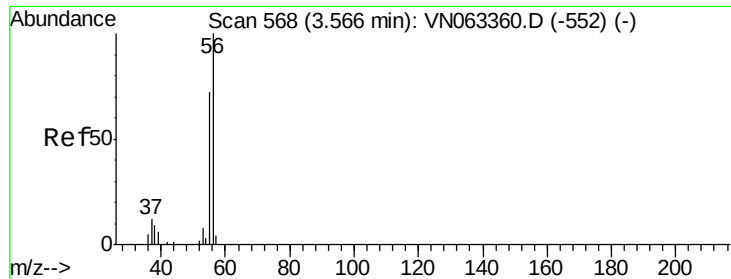


#12

1,1-Dichloroethene
 Concen: 1.056 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 96 Resp: 3313
 Ion Ratio Lower Upper
 96 100
 61 154.5 143.4 215.2
 98 50.9 50.6 76.0





#13

Acrolein

Concen: 1.302 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

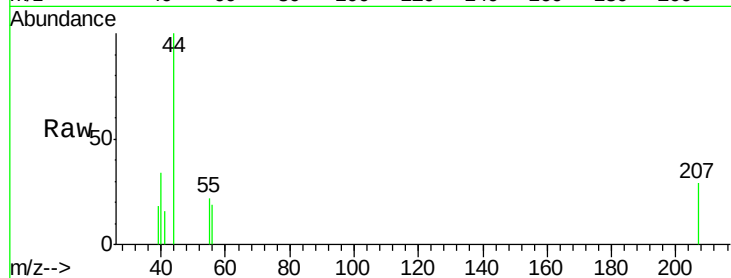
VSTDIC001

Tgt Ion: 56 Resp: 360

Ion Ratio Lower Upper

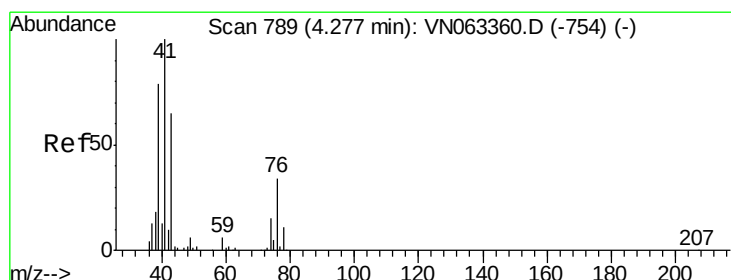
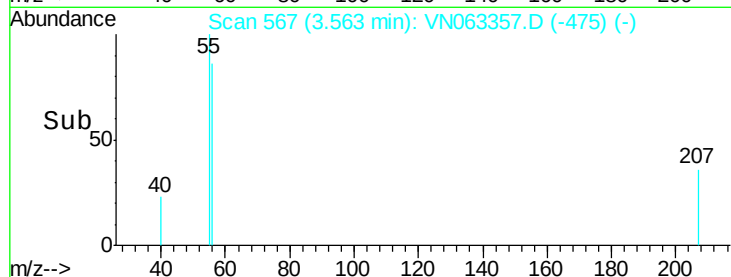
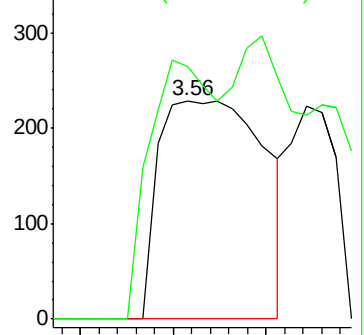
56 100

55 74.4 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.854 ug/l

RT: 4.27 min Scan# 786

Delta R.T. -0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

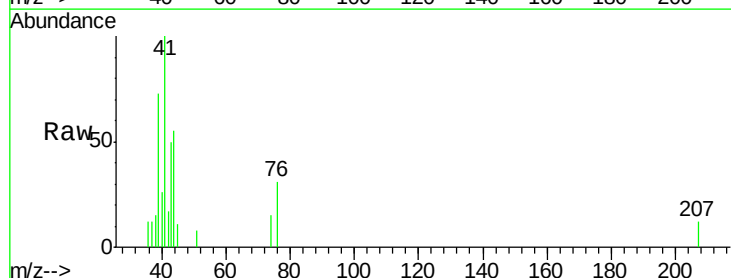
Tgt Ion: 41 Resp: 5486

Ion Ratio Lower Upper

41 100

39 100.1 59.3 88.9#

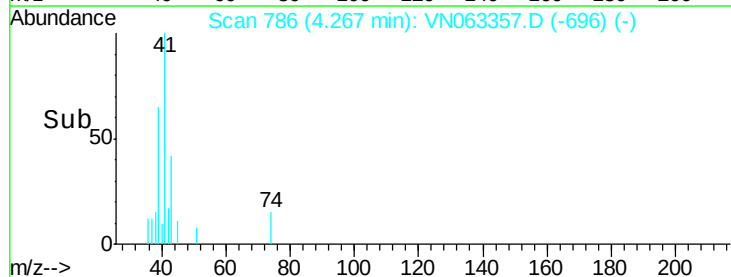
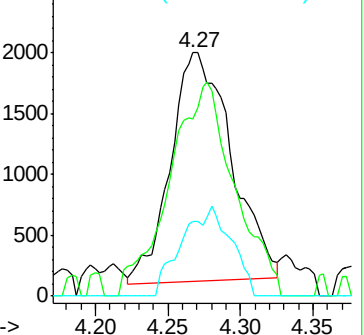
76 31.9 25.3 37.9

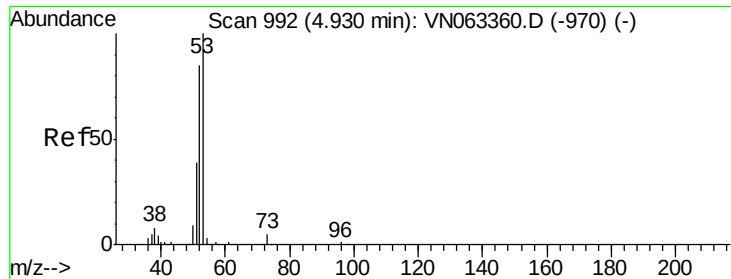


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 4.306 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

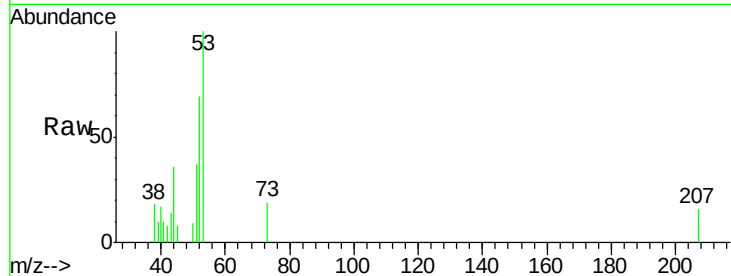
Tgt Ion: 53 Resp: 7004

Ion Ratio Lower Upper

53 100

52 87.1 66.4 99.6

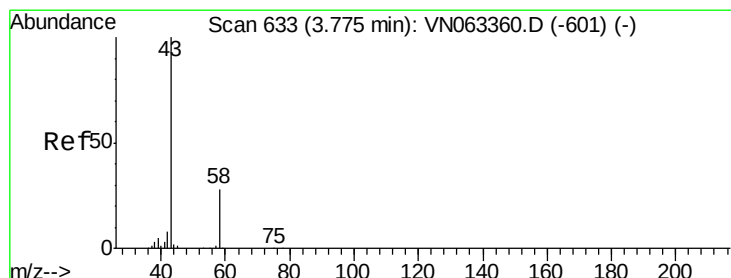
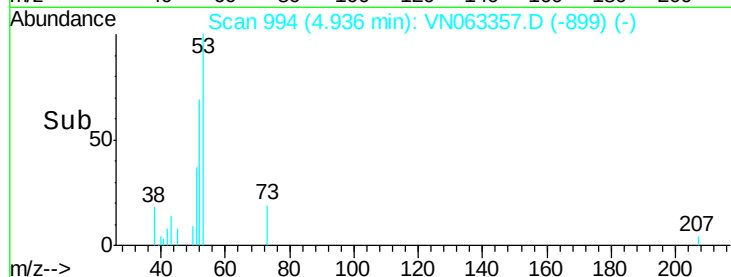
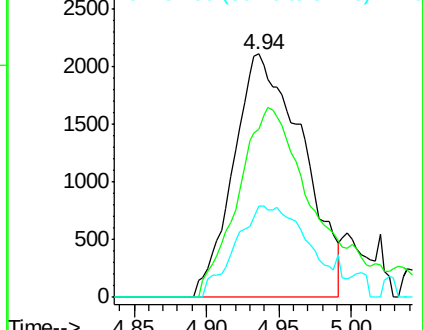
51 40.7 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 6.012 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063357.D

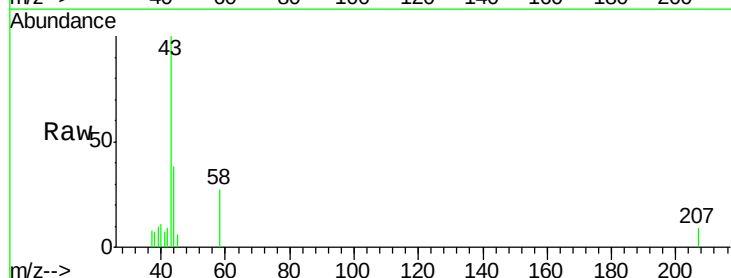
Acq: 16 Sep 2020 10:34

Tgt Ion: 43 Resp: 9277

Ion Ratio Lower Upper

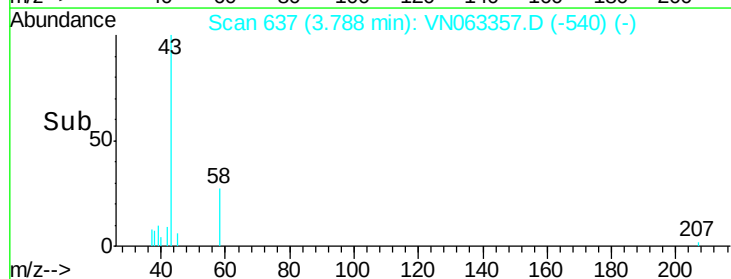
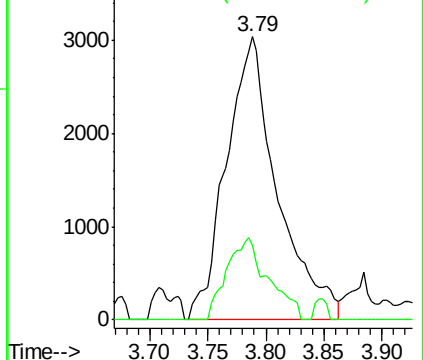
43 100

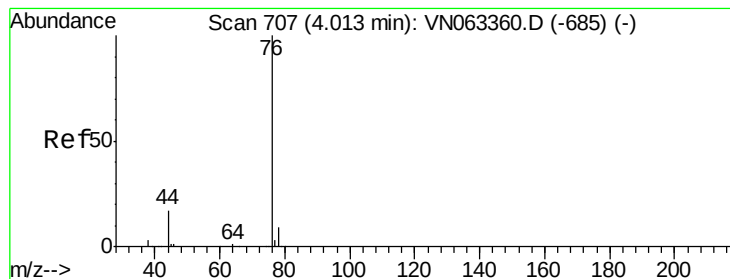
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)





#17

Carbon Disulfide

Concen: 0.956 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

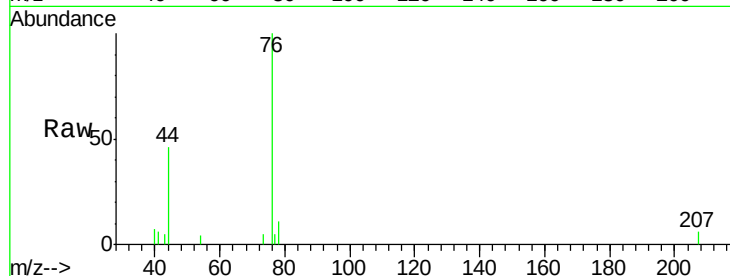
VSTDIC001

Tgt Ion: 76 Resp: 9267

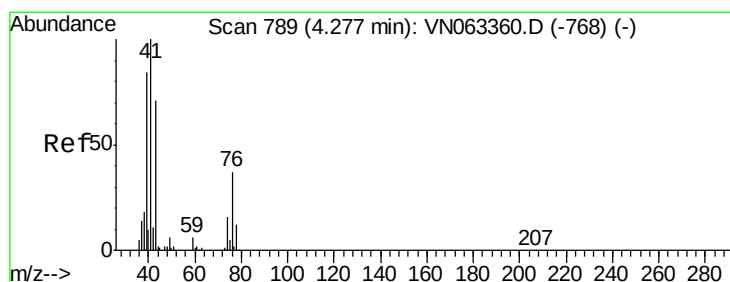
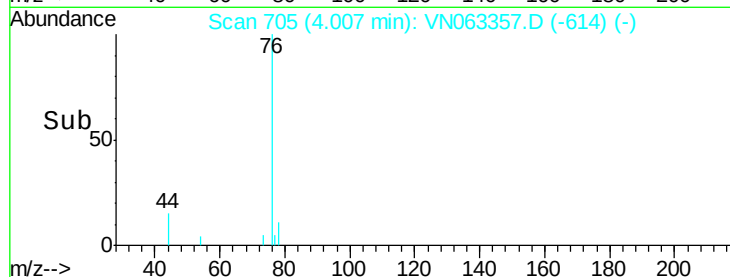
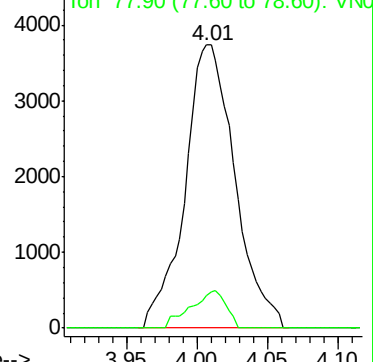
Ion Ratio Lower Upper

76 100

78 11.4 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN063360.D (-685) (-)



#18

Methyl Acetate

Concen: 0.873 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063357.D

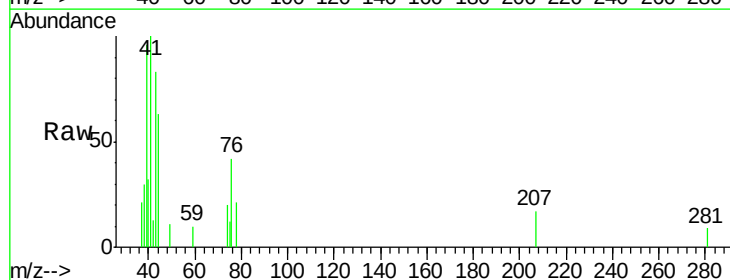
Acq: 16 Sep 2020 10:34

Tgt Ion: 43 Resp: 3399

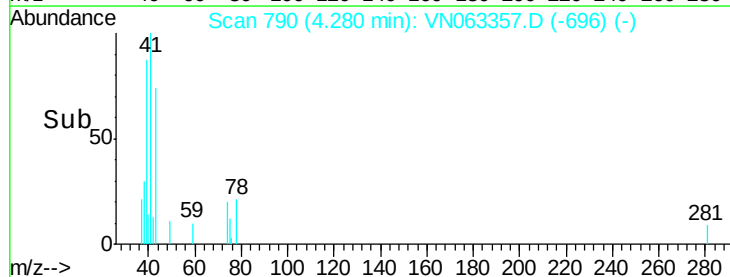
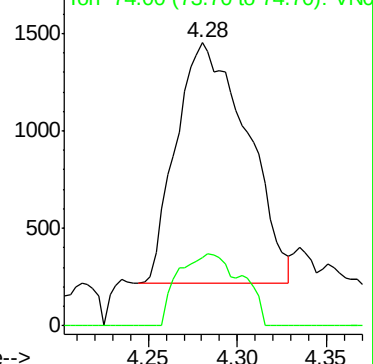
Ion Ratio Lower Upper

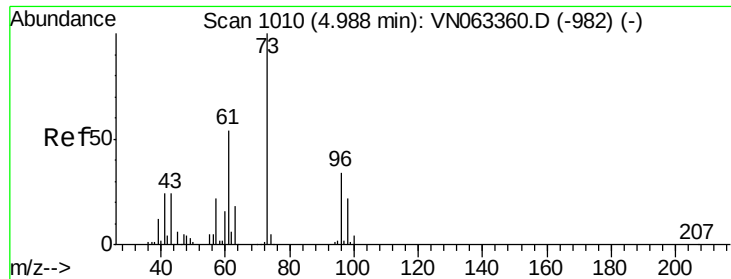
43 100

74 26.9 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-768) (-)

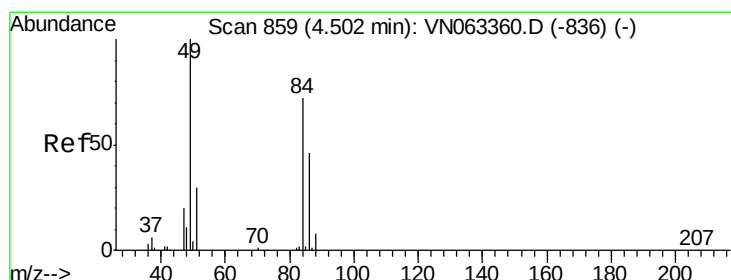
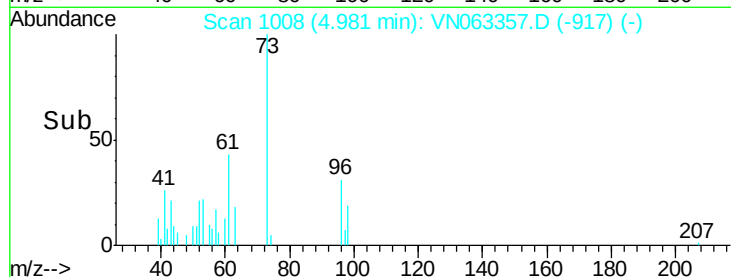
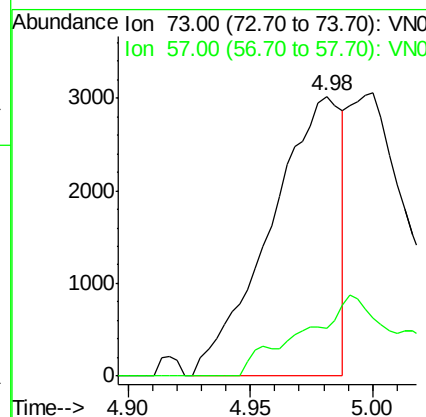
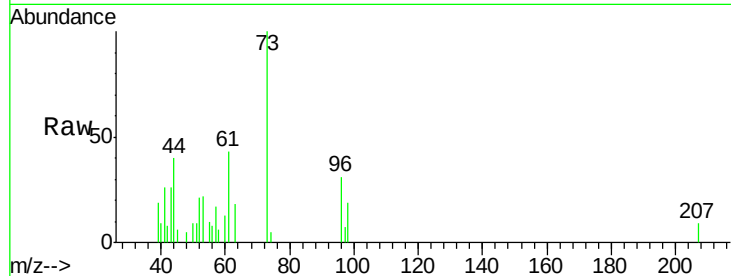




#19
Methyl tert-butyl Ether
Concen: 0.545 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

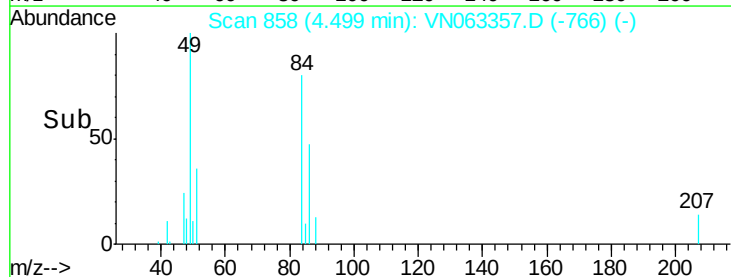
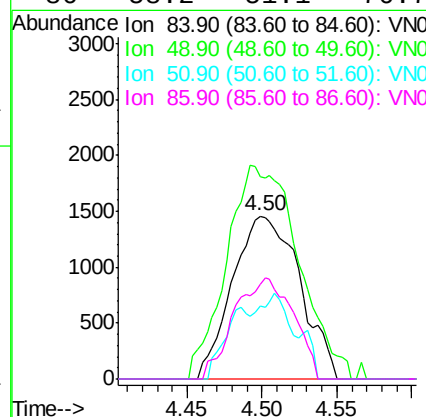
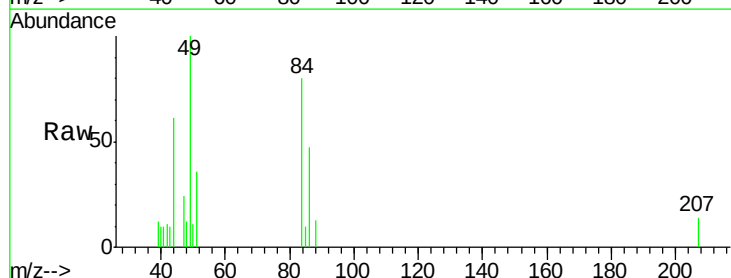
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

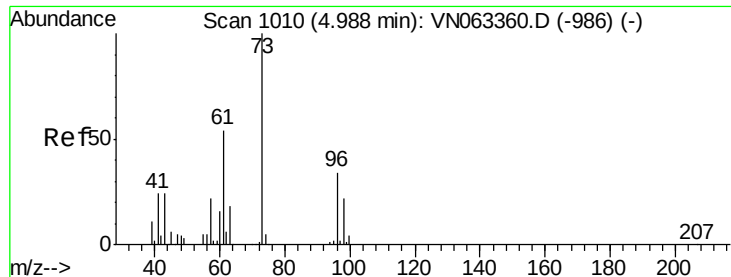
Tgt Ion: 73 Resp: 6122
Ion Ratio Lower Upper
73 100
57 17.1 17.9 26.9#



#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 84 Resp: 4550
Ion Ratio Lower Upper
84 100
49 111.3 110.7 166.1
51 44.8 32.9 49.3
86 58.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 1.047 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

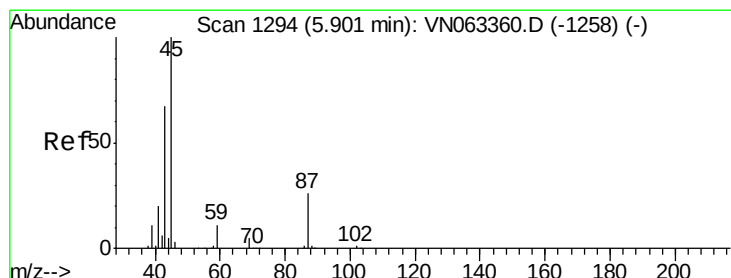
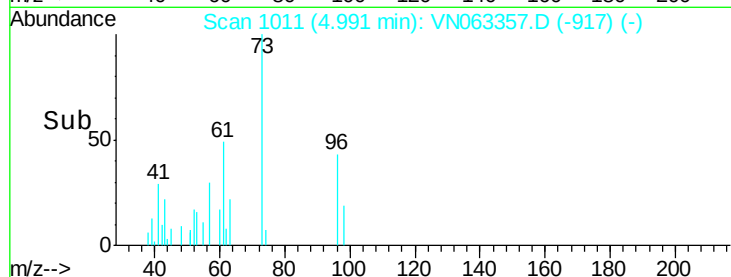
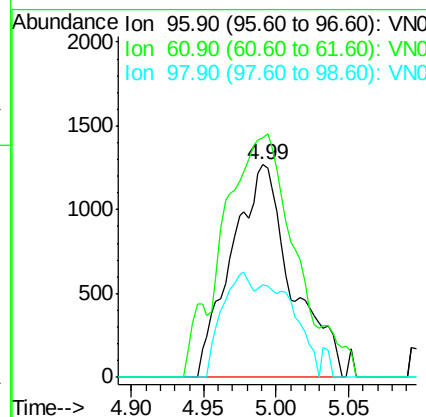
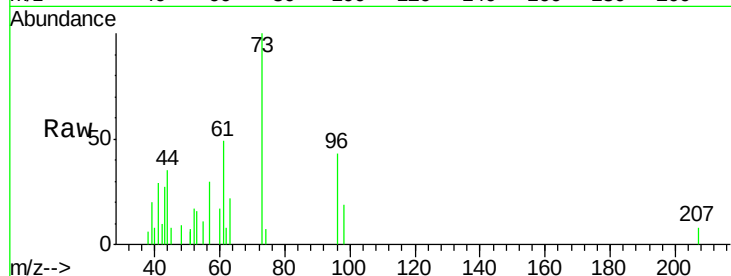
Tgt Ion: 96 Resp: 3668

Ion Ratio Lower Upper

96 100

61 99.2 126.2 189.4#

98 43.4 51.0 76.4#



#22

Diisopropyl ether

Concen: 1.008 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion: 45 Resp: 12669

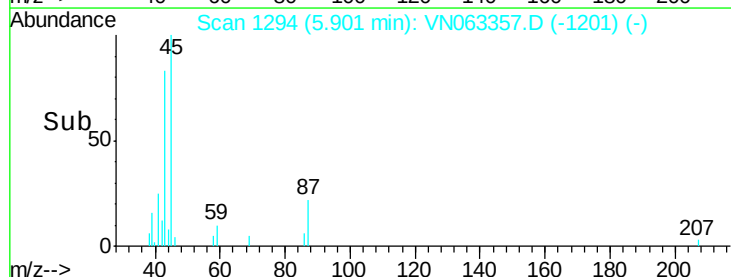
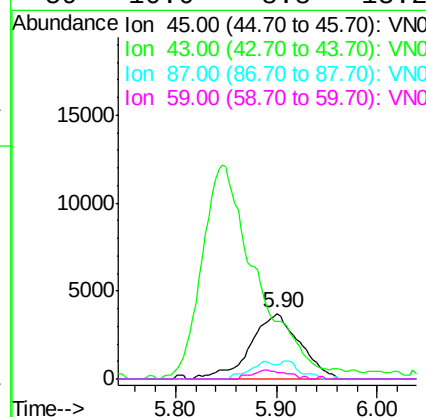
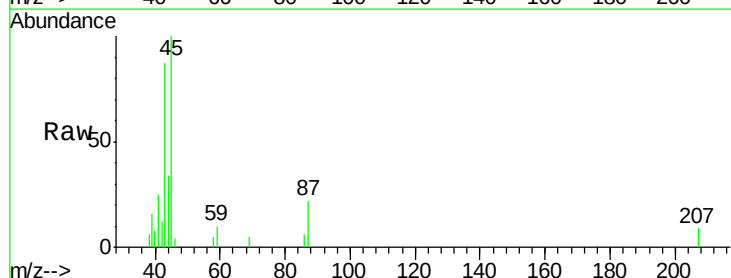
Ion Ratio Lower Upper

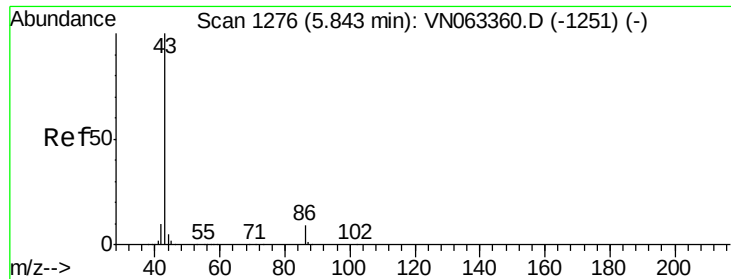
45 100

43 74.0 53.5 80.3

87 22.2 21.2 31.8

59 10.0 8.8 13.2





#23

Vinyl Acetate

Concen: 4.599 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

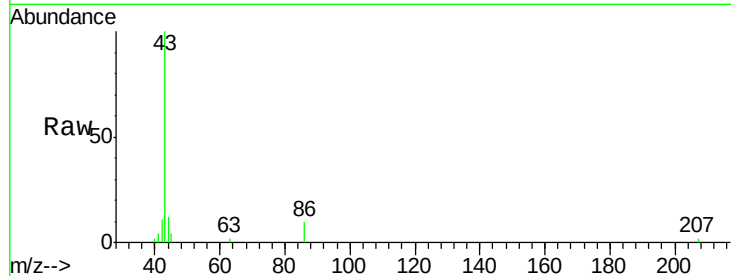
VSTDIC001

Tgt Ion: 43 Resp: 45731

Ion Ratio Lower Upper

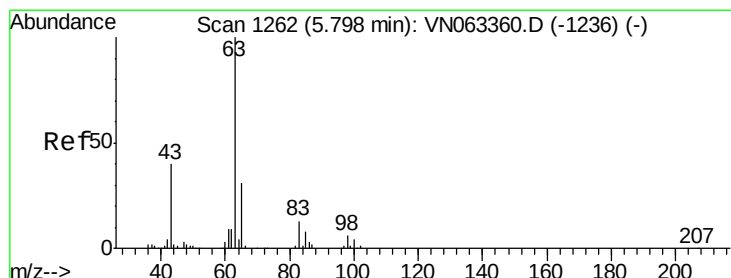
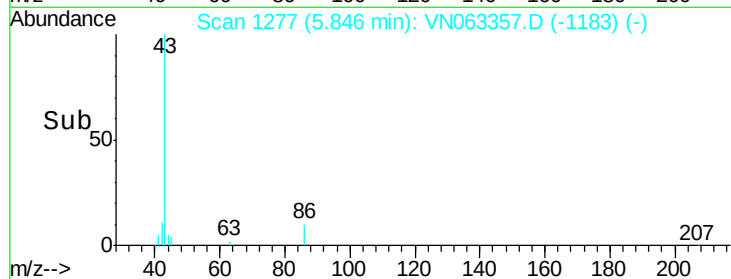
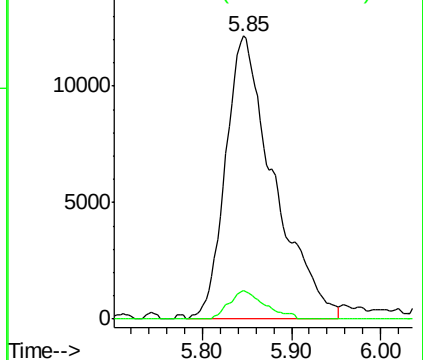
43 100

86 10.1 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.970 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

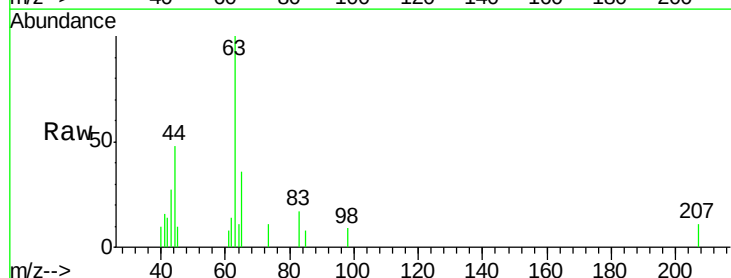
Tgt Ion: 63 Resp: 6657

Ion Ratio Lower Upper

63 100

98 8.8 2.9 8.8

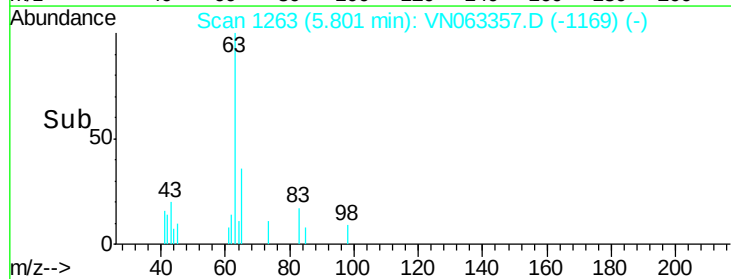
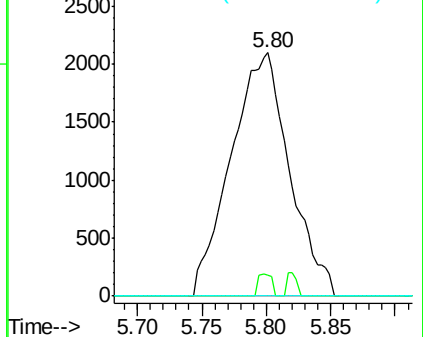
100 0.0 2.1 6.3#

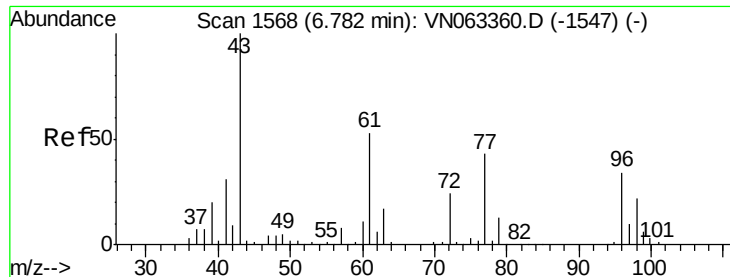


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 5.105 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

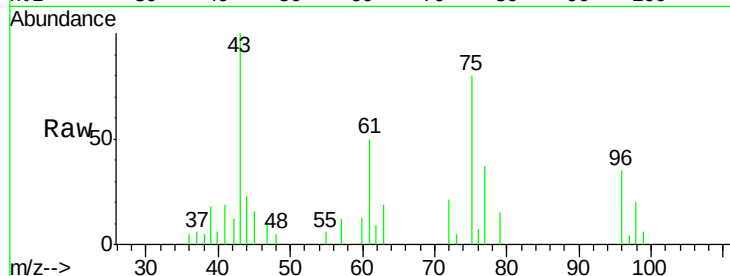
VSTDIC001

Tgt Ion: 43 Resp: 11684

Ion Ratio Lower Upper

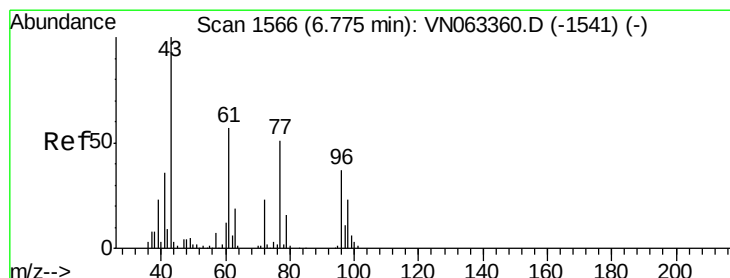
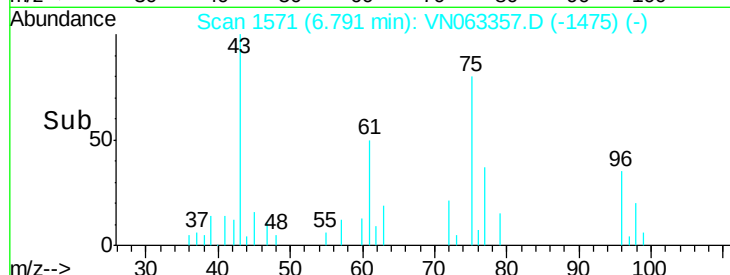
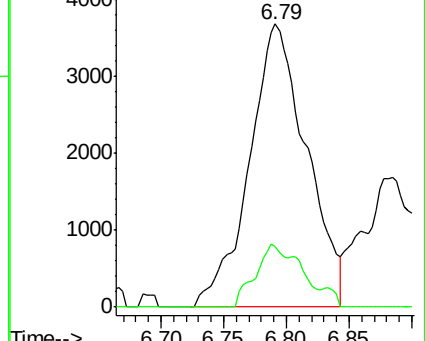
43 100

72 21.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.056 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063357.D

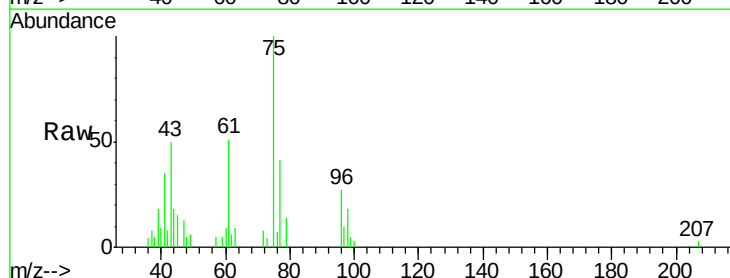
Acq: 16 Sep 2020 10:34

Tgt Ion: 77 Resp: 6336

Ion Ratio Lower Upper

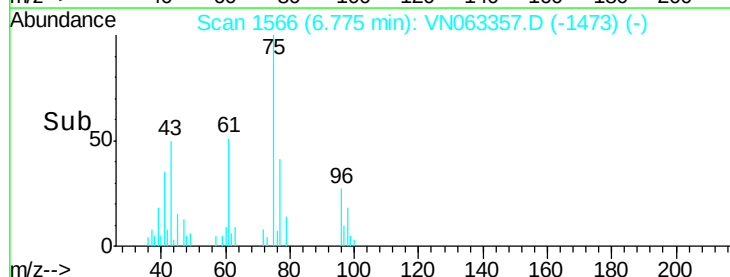
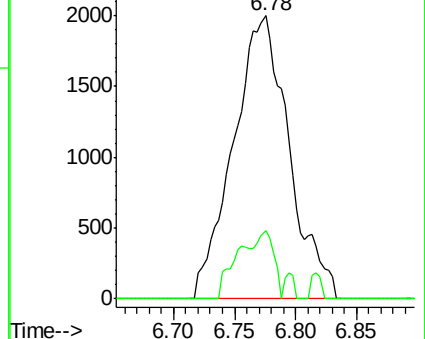
77 100

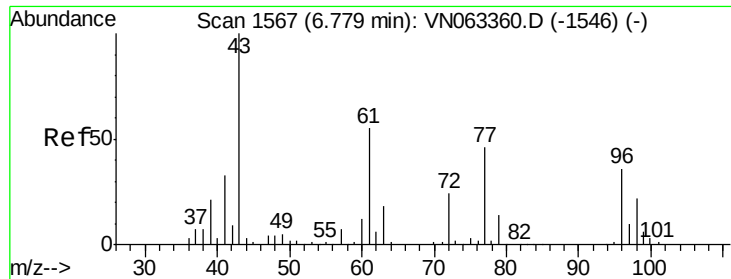
97 7.0 10.5 31.6#



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: 0.978 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

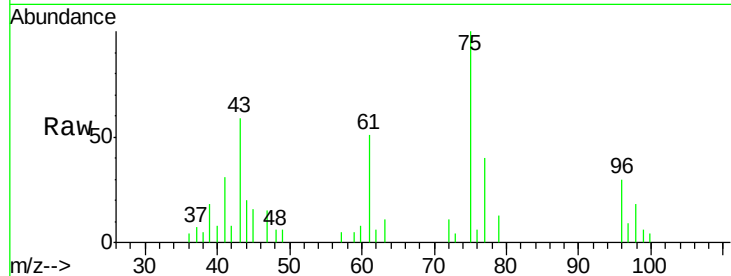
Tgt Ion: 96 Resp: 3991

Ion Ratio Lower Upper

96 100

61 180.5 0.0 319.6

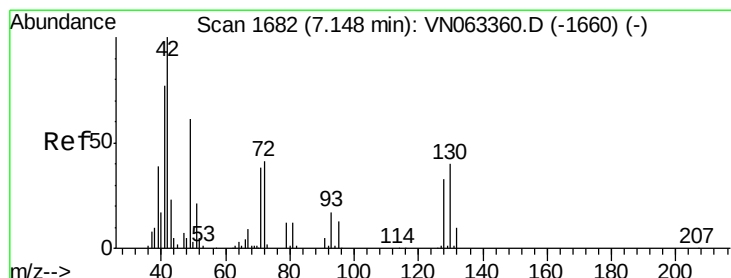
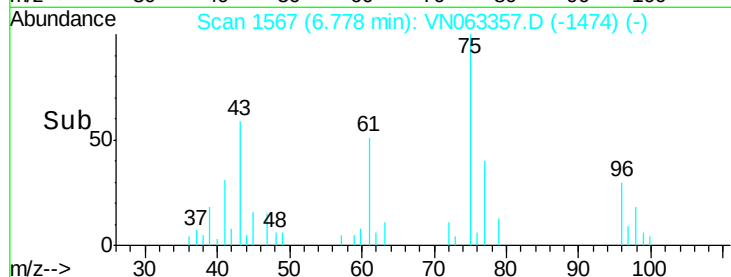
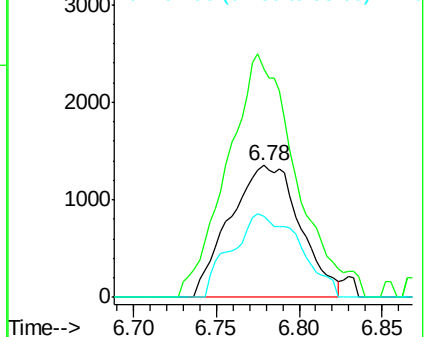
98 61.5 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)



#28

Bromochloromethane

Concen: 0.402 ug/l

RT: 7.14 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

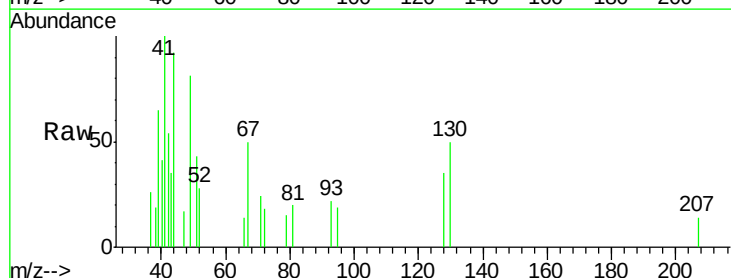
Tgt Ion: 49 Resp: 1324

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

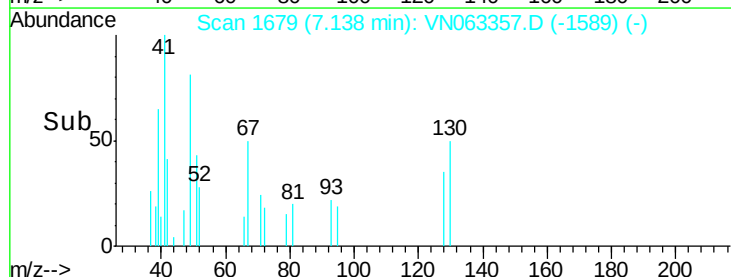
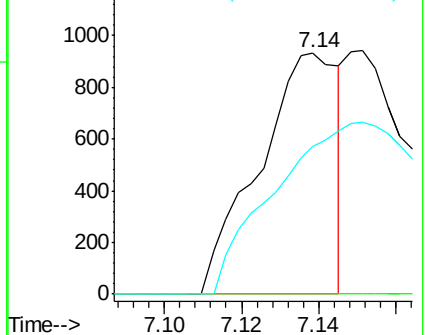
130 145.2 52.2 78.2#

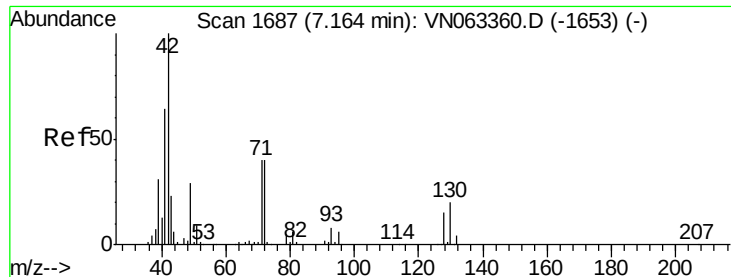


Abundance Ion 48.90 (48.60 to 49.60): VN063360.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063360.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063360.D (-1660) (-)

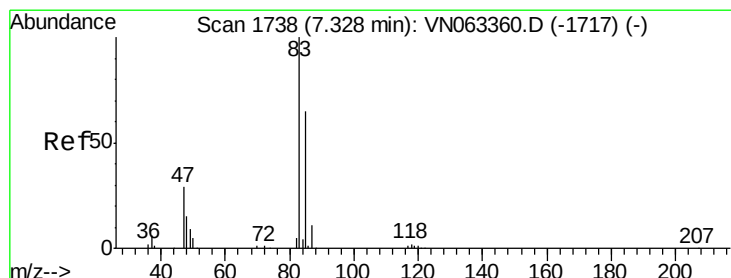
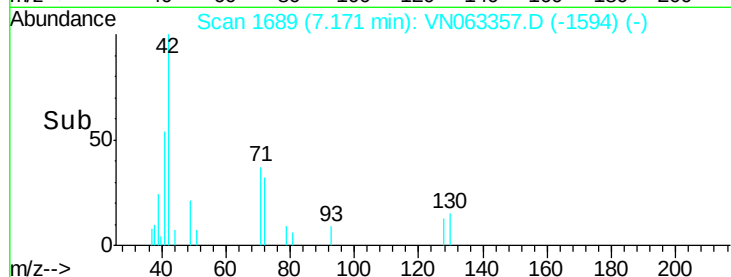
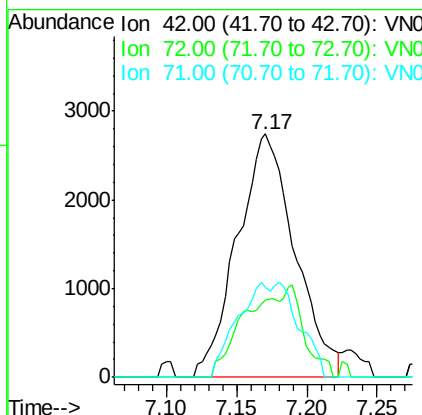
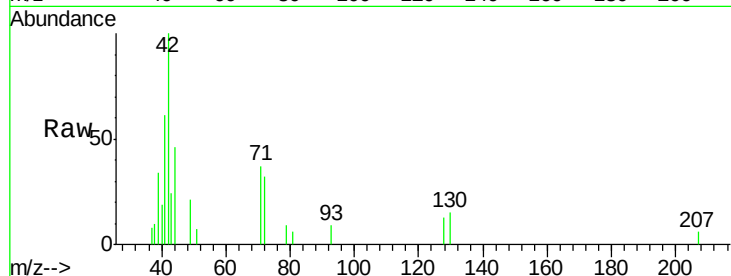




#29
Tetrahydrofuran
Concen: 5.263 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

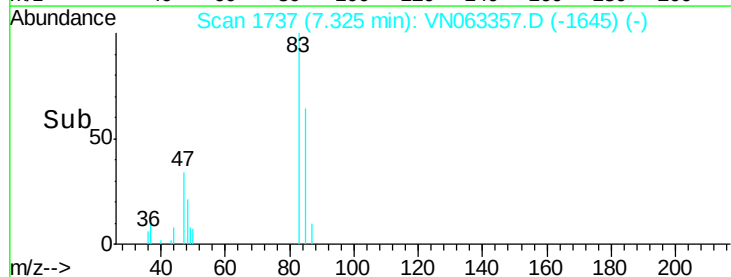
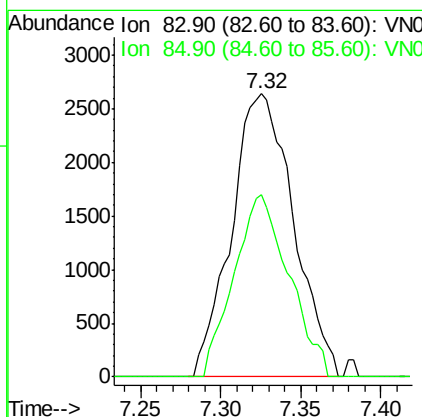
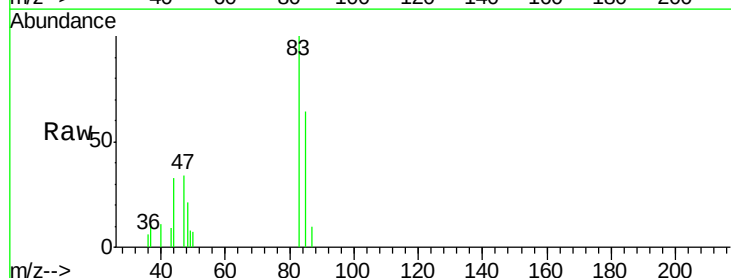
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

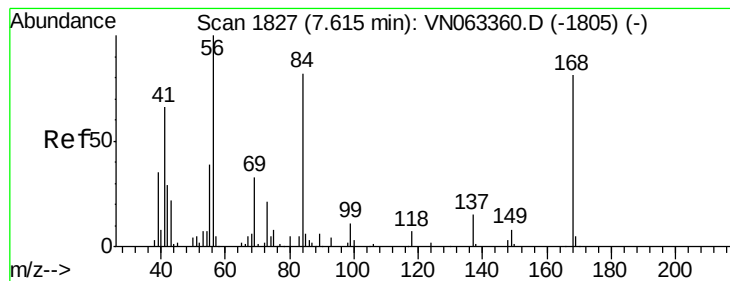
Tgt Ion: 42 Resp: 7847
Ion Ratio Lower Upper
42 100
72 23.4 32.1 48.1#
71 22.6 31.2 46.8#



#30
Chloroform
Concen: 1.026 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 83 Resp: 7022
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1





#31

Cyclohexane

Concen: 2.174 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

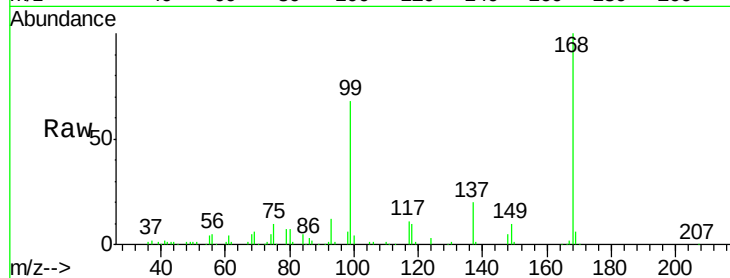
Tgt Ion: 56 Resp: 13703

Ion Ratio Lower Upper

56 100

69 109.8 26.1 39.1#

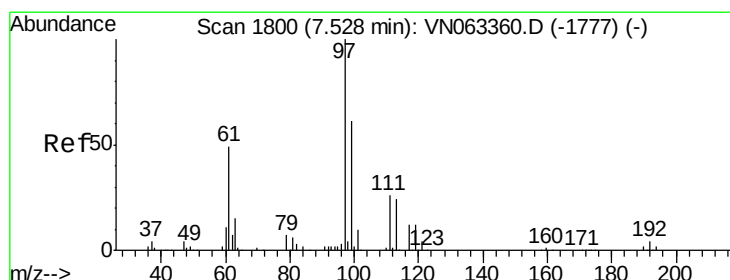
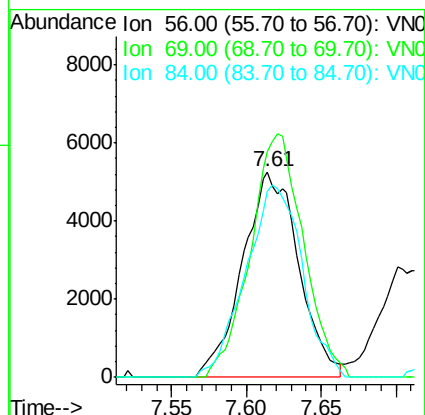
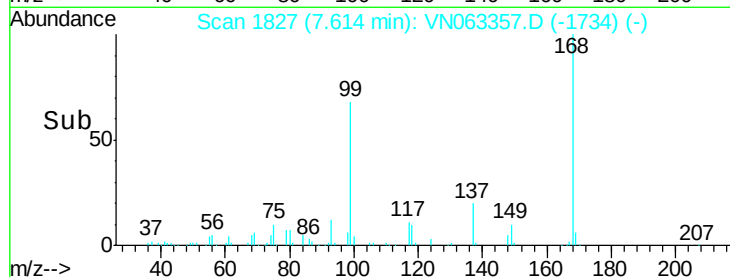
84 90.4 65.4 98.2



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: 1.020 ug/l

RT: 7.52 min Scan# 1798

Delta R.T. -0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

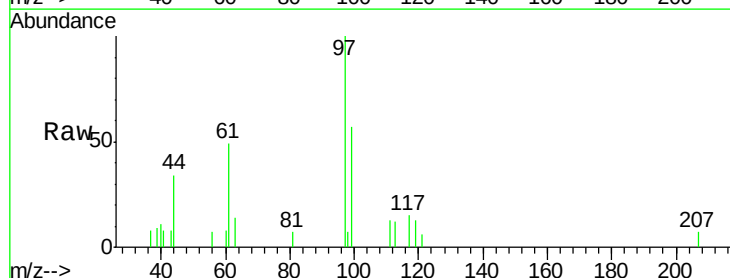
Tgt Ion: 97 Resp: 6111

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

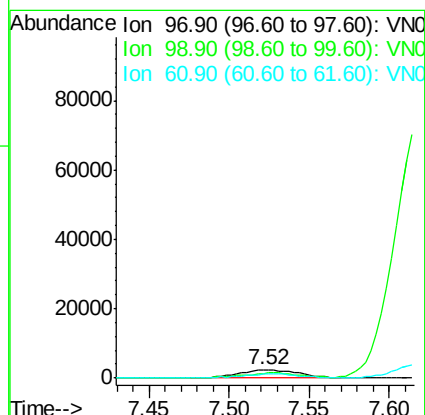
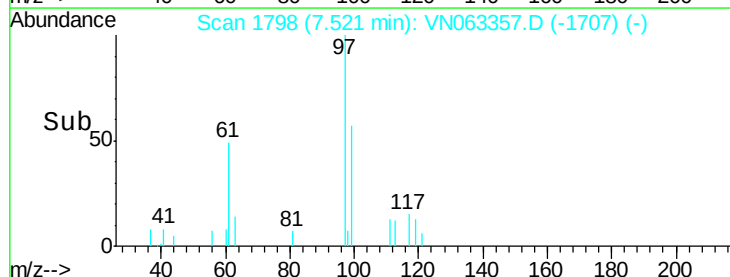
61 49.3 39.2 58.8

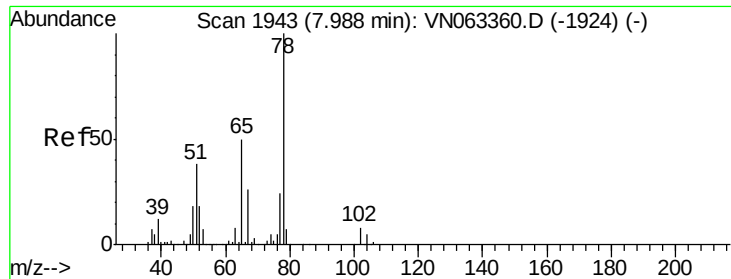


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

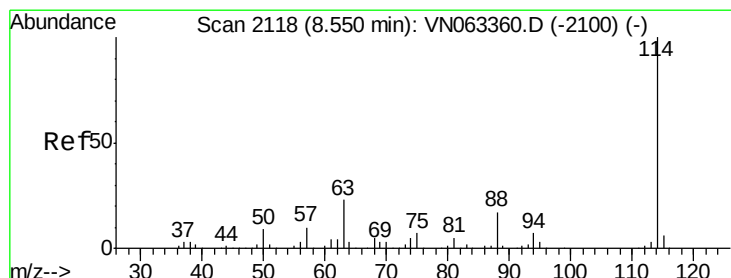
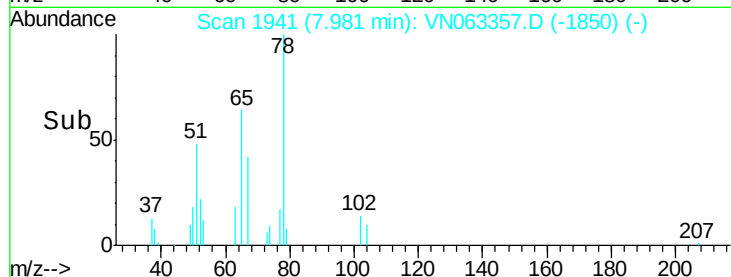
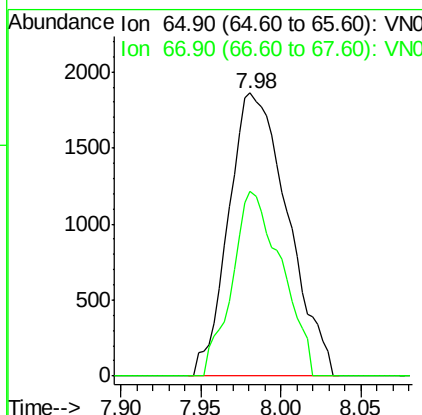
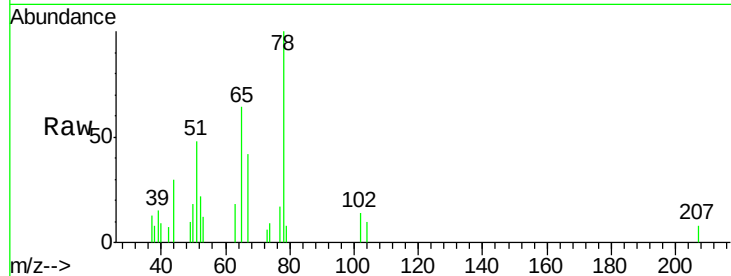




#33
 1,2-Dichloroethane-d4
 Concen: 1.047 ug/l
 RT: 7.98 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

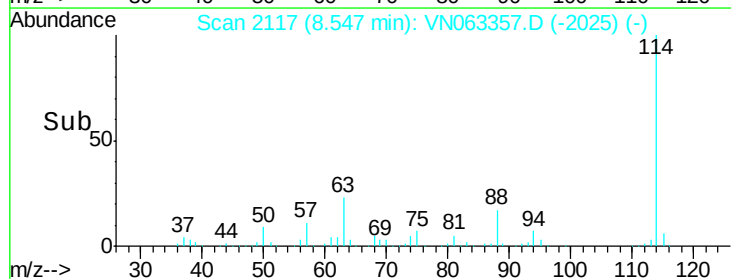
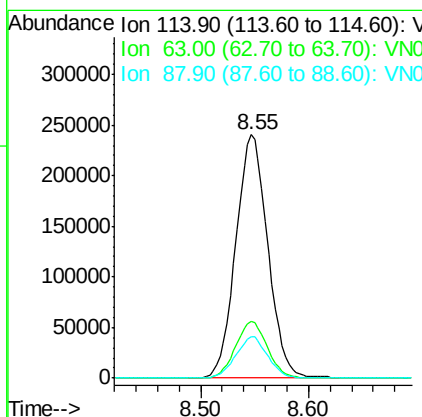
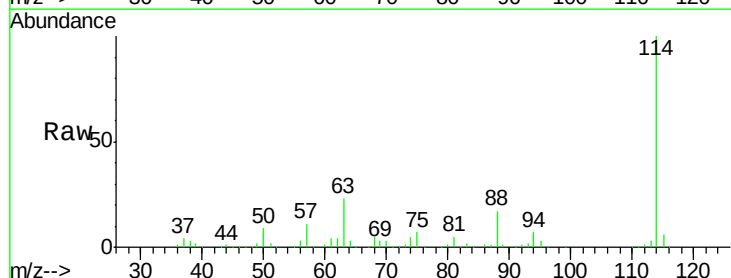
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

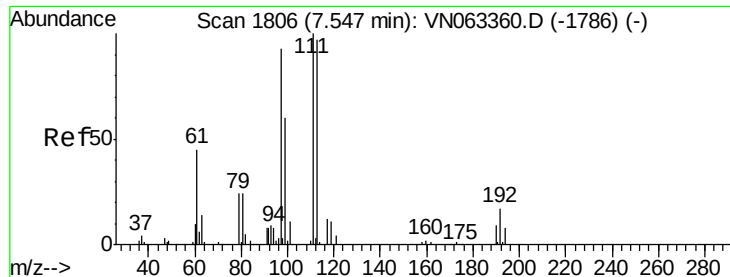
Tgt Ion: 65 Resp: 4711
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 114 Resp: 495122
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 17.0 0.0 33.2

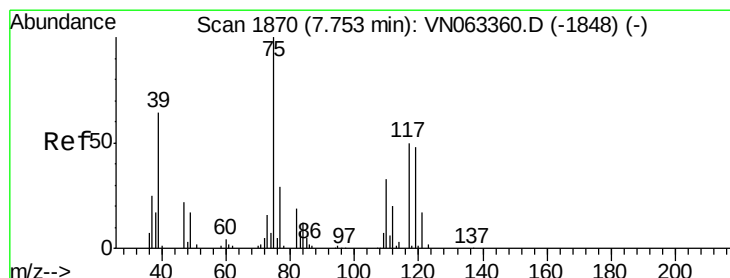
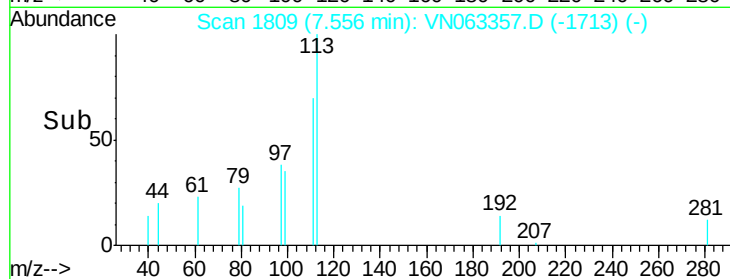
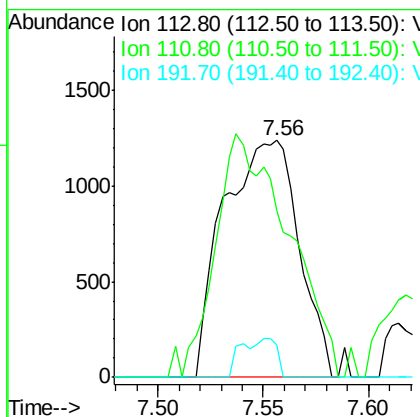
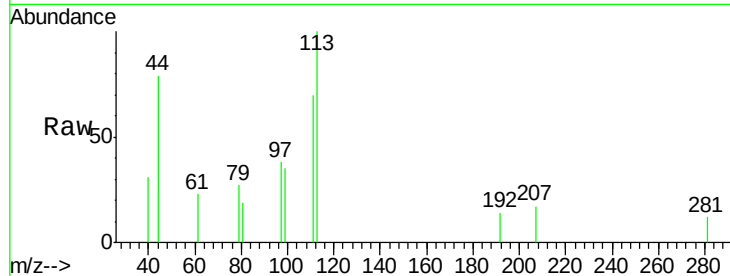




#35
 Dibromofluoromethane
 Concen: 0.954 ug/l
 RT: 7.56 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

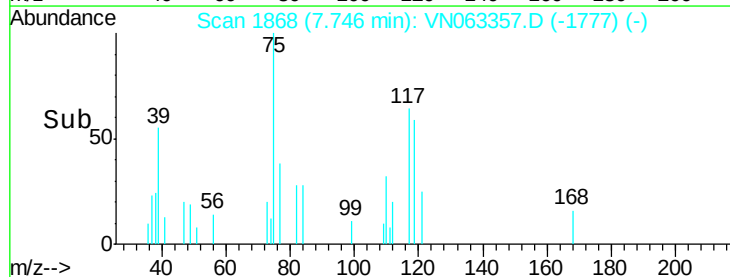
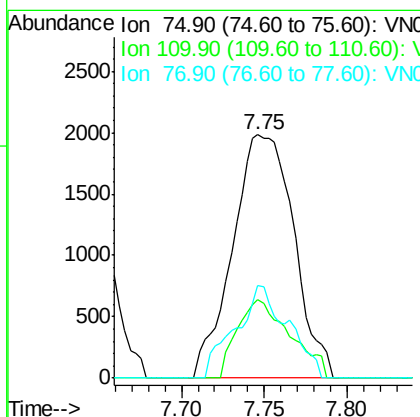
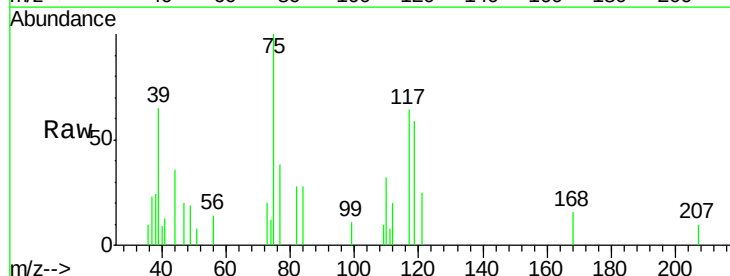
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

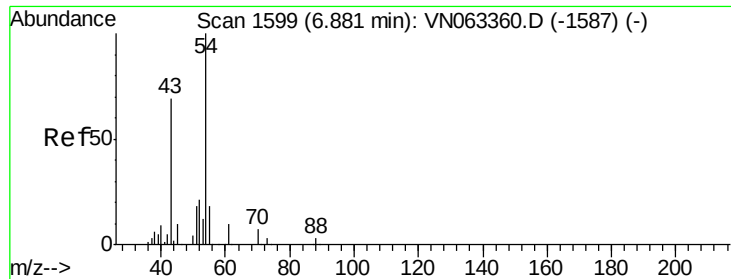
Tgt Ion: 113 Resp: 3061
 Ion Ratio Lower Upper
 113 100
 111 0.0 82.9 124.3#
 192 4.7 13.9 20.9#



#36
 1,1-Dichloropropene
 Concen: 0.989 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 75 Resp: 5078
 Ion Ratio Lower Upper
 75 100
 110 28.0 16.5 49.5
 77 32.6 24.6 36.8

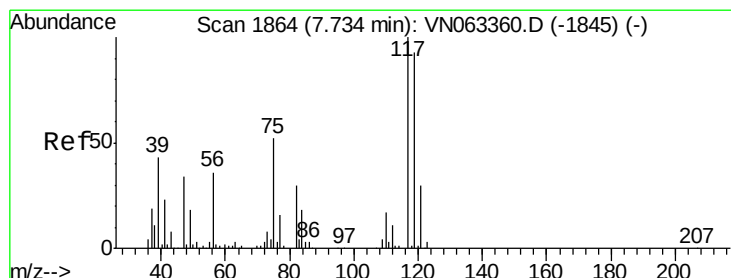
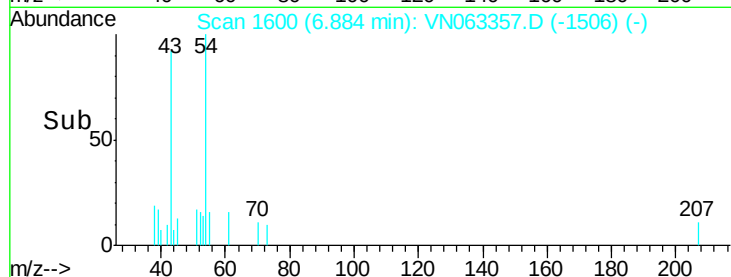
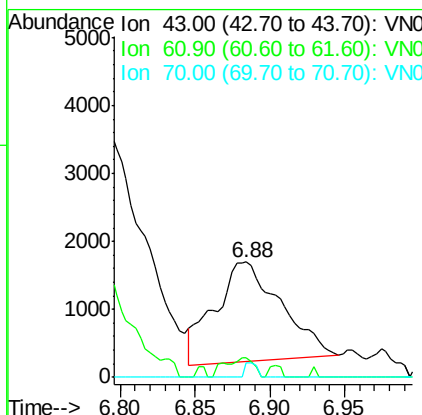
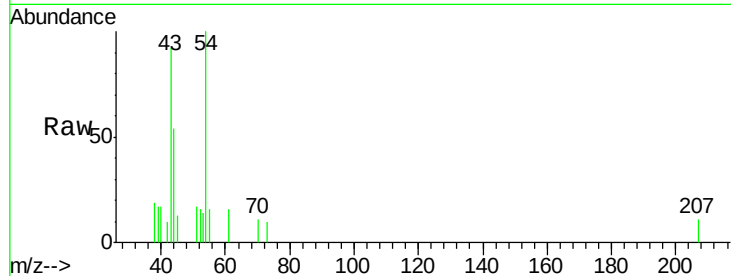




#37
Ethyl Acetate
 Concen: 0.884 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

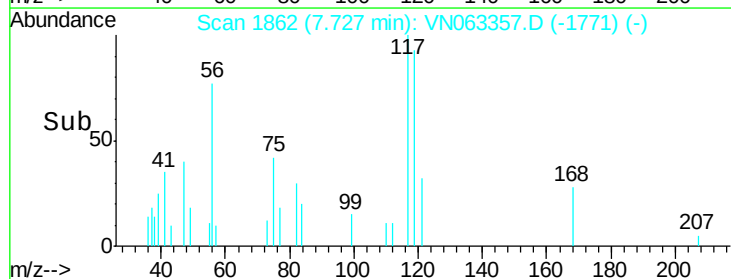
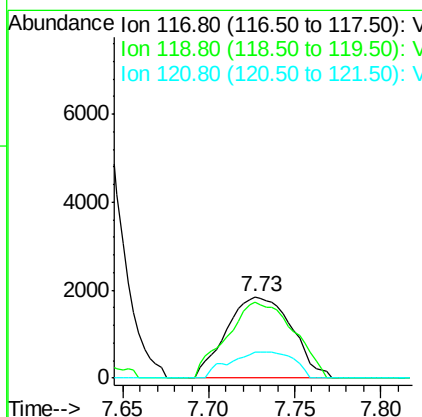
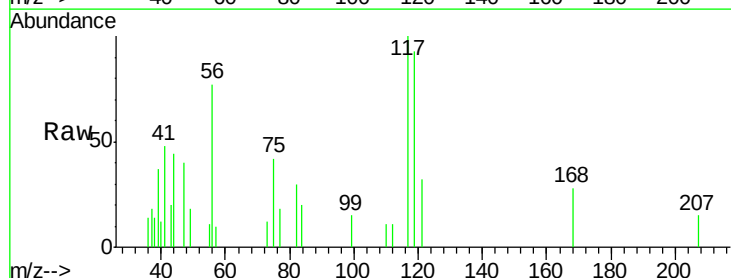
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

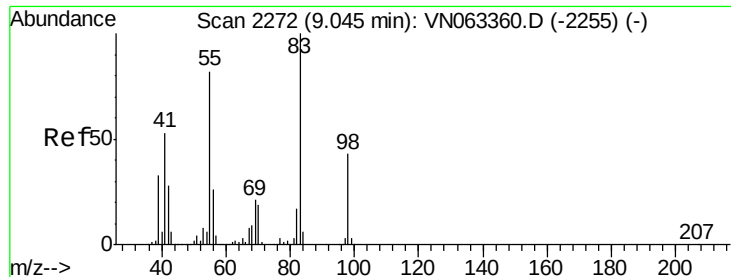
Tgt Ion: 43 Resp: 4480
 Ion Ratio Lower Upper
 43 100
 61 5.2 10.6 15.8#
 70 2.6 7.2 10.8#



#38
Carbon Tetrachloride
 Concen: 0.958 ug/l
 RT: 7.73 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 117 Resp: 4870
 Ion Ratio Lower Upper
 117 100
 119 92.6 74.5 111.7
 121 31.6 24.1 36.1

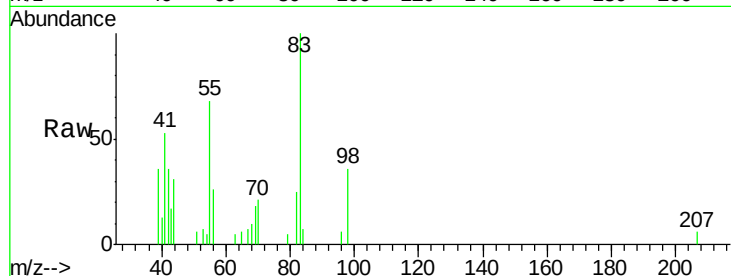




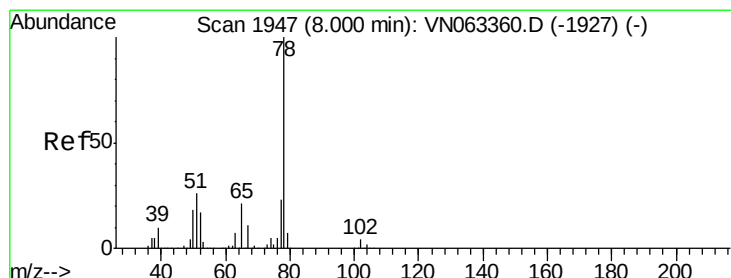
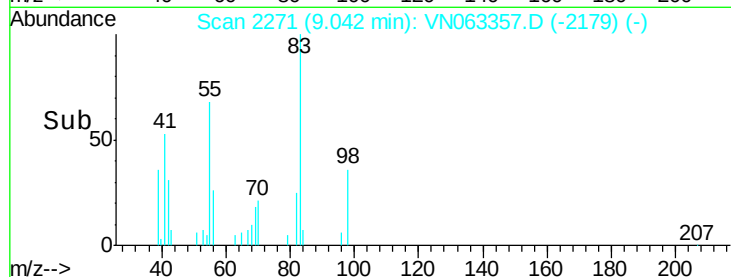
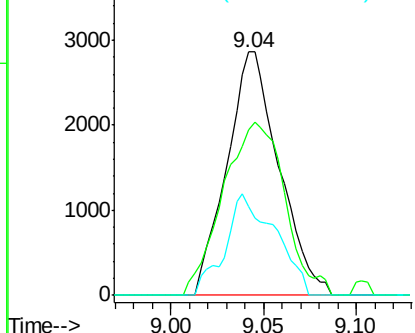
#39
Methylcyclohexane
Concen: 0.998 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 5584
Ion Ratio Lower Upper
83 100
55 67.9 65.5 98.3
98 36.4 34.2 51.4

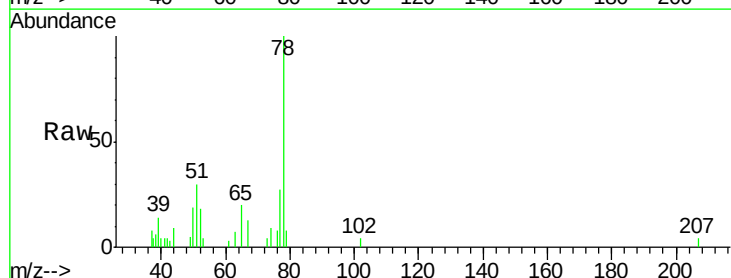


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

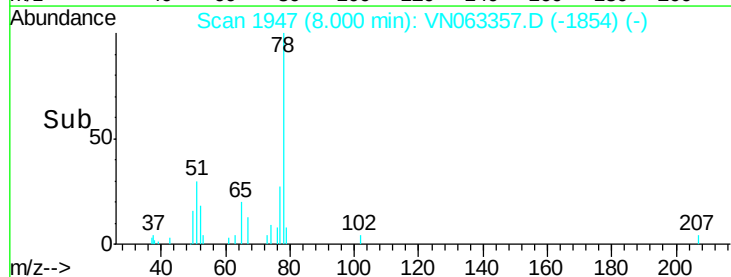
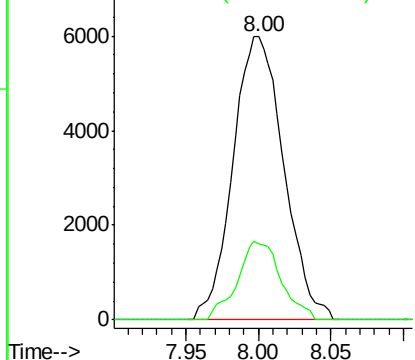


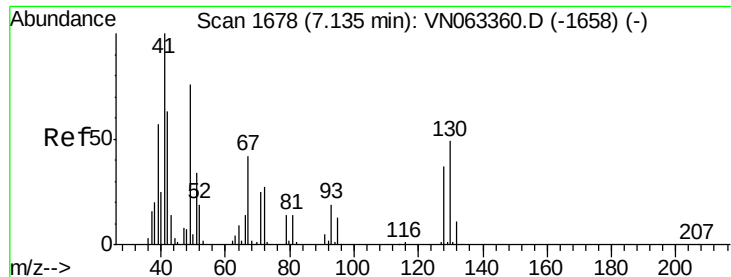
#40
Benzene
Concen: 0.997 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 78 Resp: 14598
Ion Ratio Lower Upper
78 100
77 26.8 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 3.750 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.03 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 8653

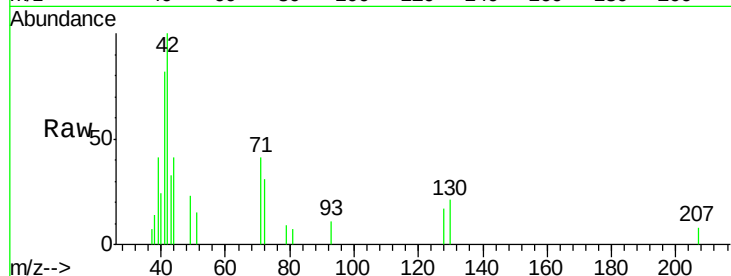
Ion Ratio Lower Upper

41 100

39 33.4 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

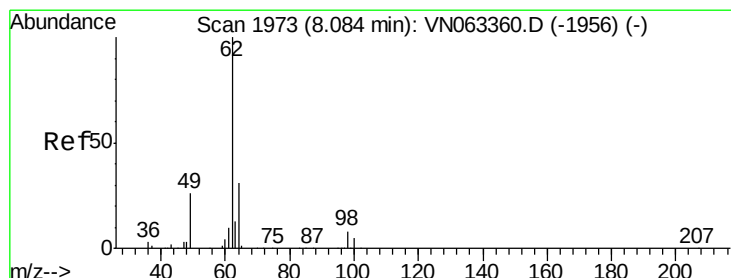
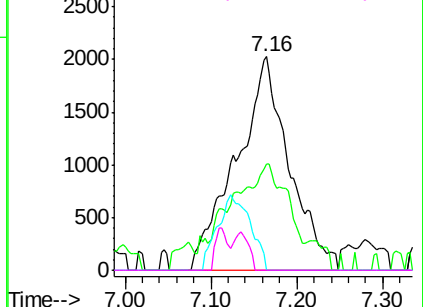
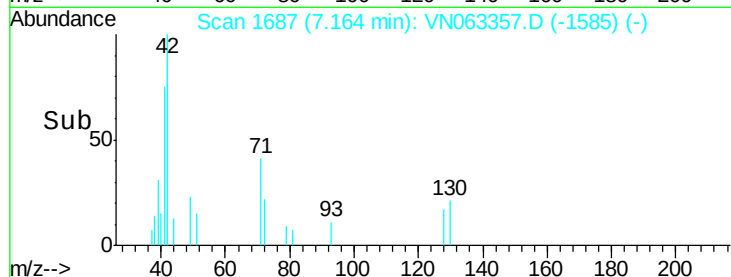


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-1658) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-1658) (-)

Ion 67.00 (66.70 to 67.70): VN063360.D (-1658) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-1658) (-)



#42

1,2-Dichloroethane

Concen: 0.991 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063357.D

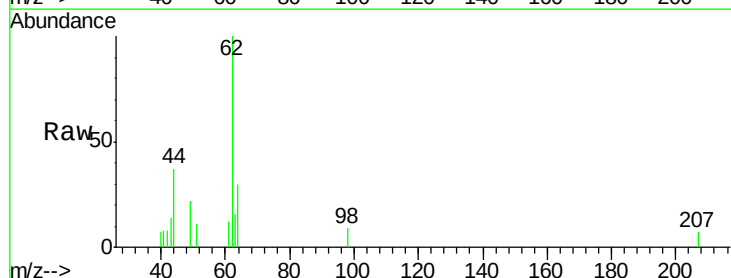
Acq: 16 Sep 2020 10:34

Tgt Ion: 62 Resp: 5562

Ion Ratio Lower Upper

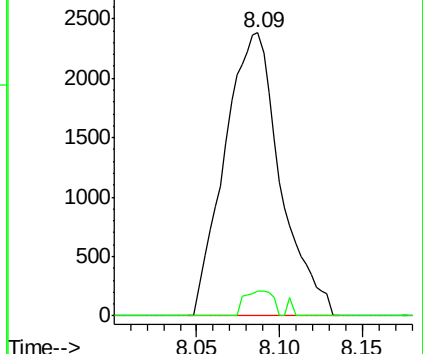
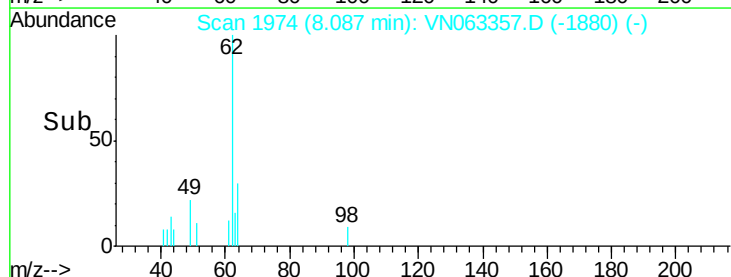
62 100

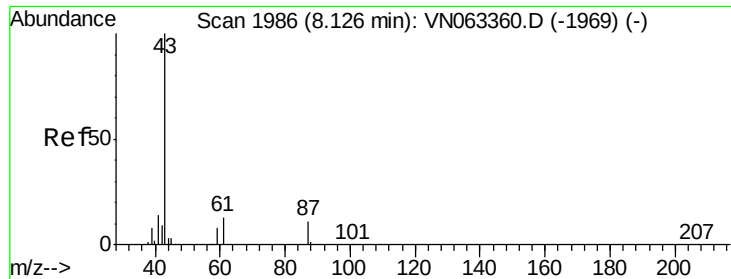
98 4.5 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN063360.D (-1956) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1956) (-)





#43

Isopropyl Acetate

Concen: 1.104 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

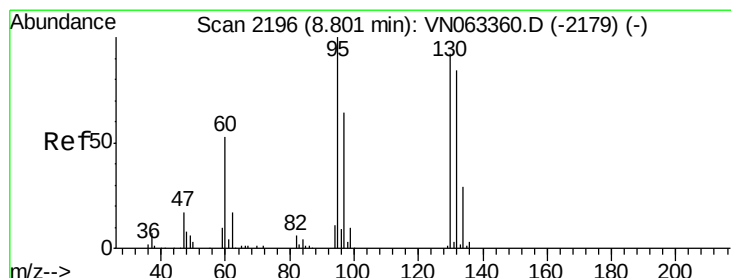
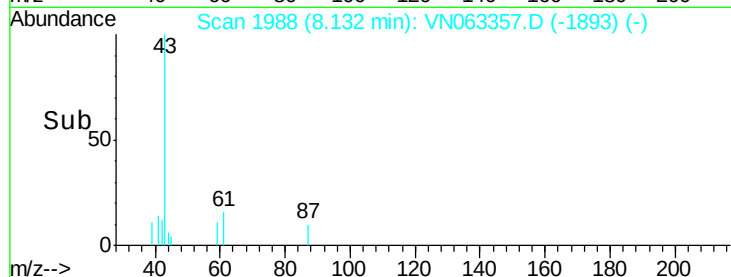
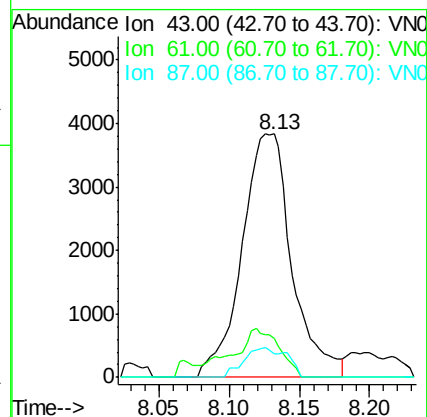
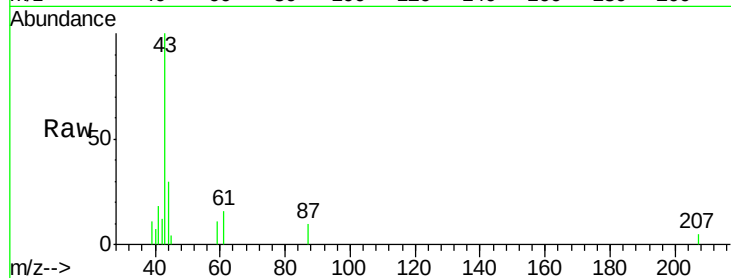
Tgt Ion: 43 Resp: 9497

Ion Ratio Lower Upper

43 100

61 19.0 14.2 21.2

87 8.0 9.0 13.6#



#44

Trichloroethene

Concen: 0.991 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063357.D

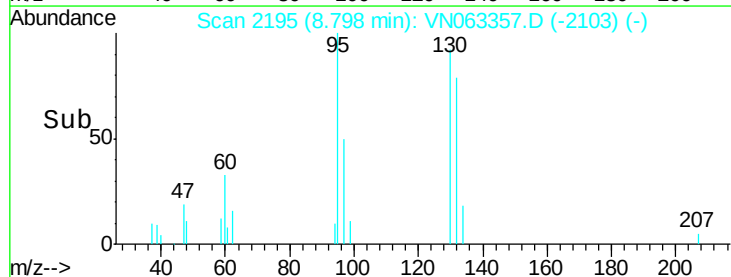
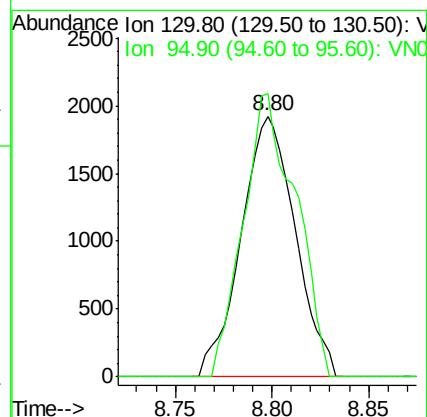
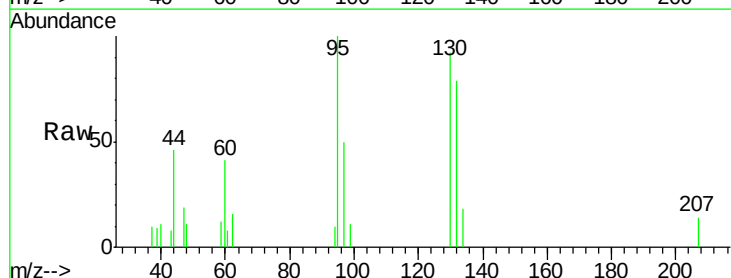
Acq: 16 Sep 2020 10:34

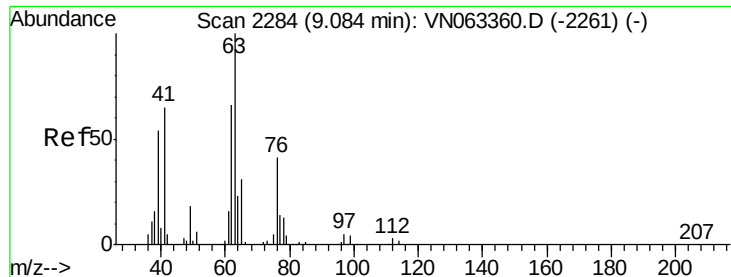
Tgt Ion: 130 Resp: 3737

Ion Ratio Lower Upper

130 100

95 108.7 0.0 217.4

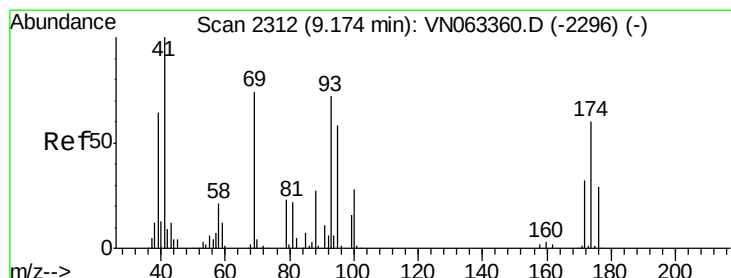
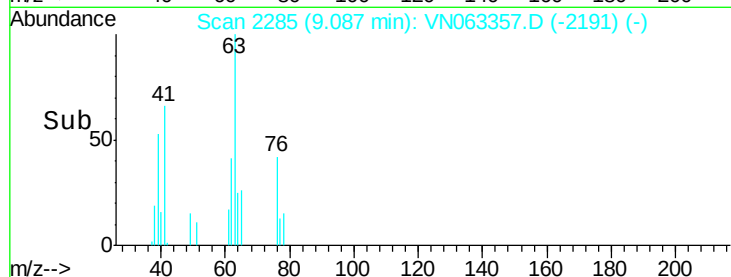
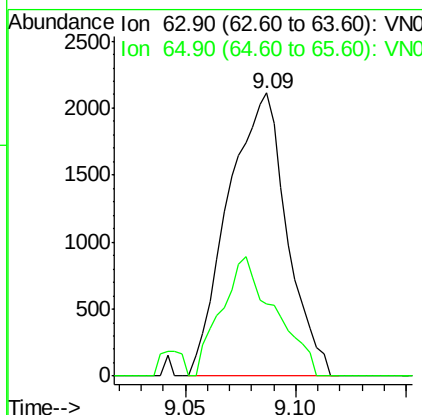
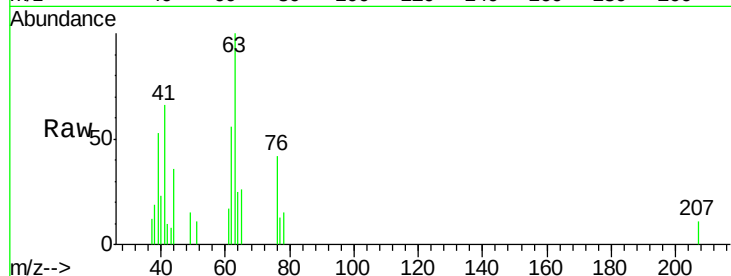




#45
 1,2-Dichloropropane
 Concen: 0.973 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

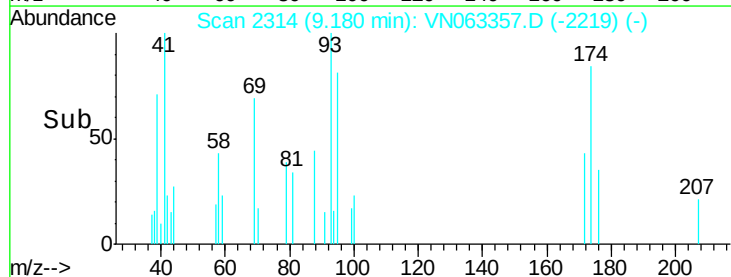
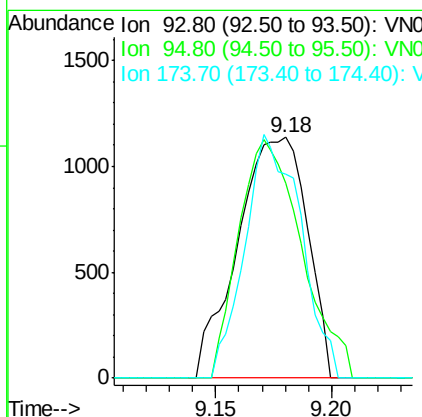
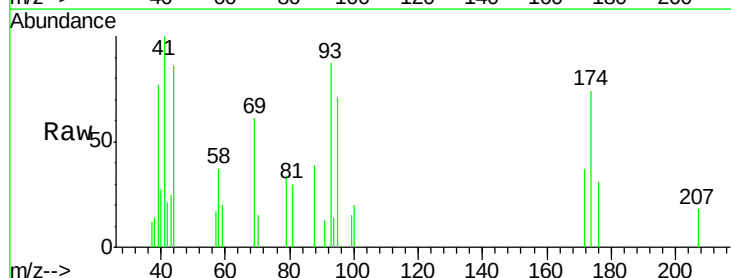
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

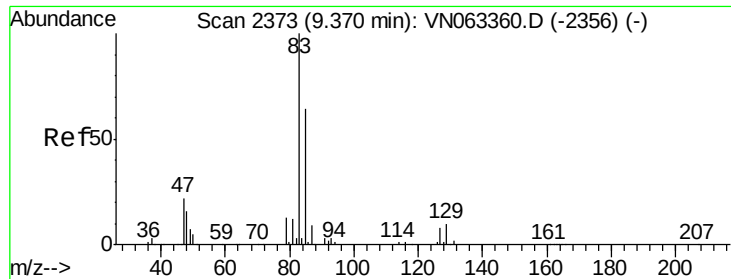
Tgt Ion: 63 Resp: 3913
 Ion Ratio Lower Upper
 63 100
 65 25.6 25.0 37.6



#46
 Dibromomethane
 Concen: 0.904 ug/l
 RT: 9.18 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 93 Resp: 2368
 Ion Ratio Lower Upper
 93 100
 95 89.9 65.6 98.4
 174 81.4 68.1 102.1





#47

Bromodichloromethane

Concen: 0.900 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

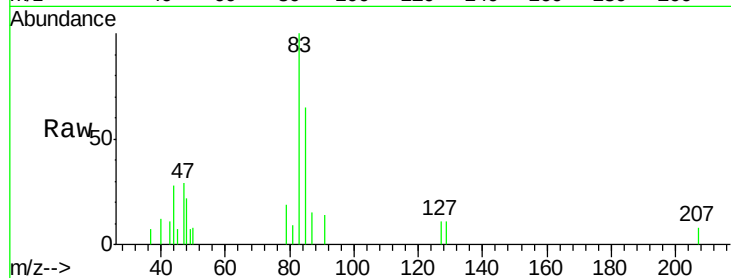
Tgt Ion: 83 Resp: 4896

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6

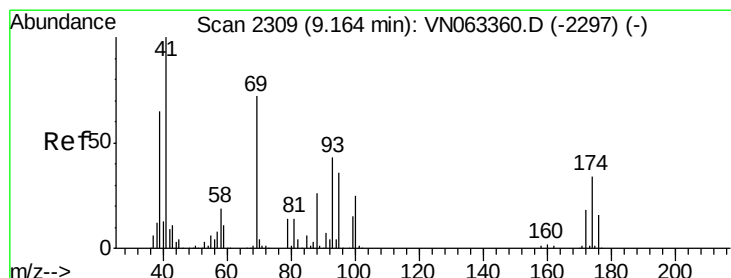
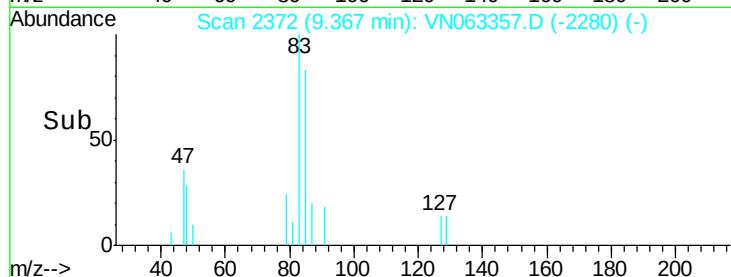
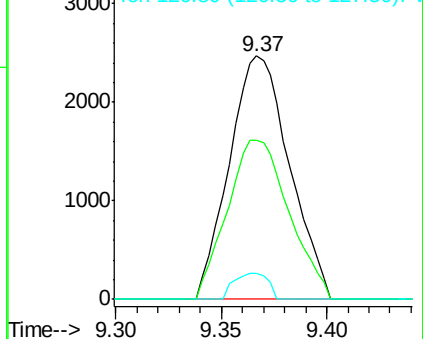
127 10.7 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.135 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

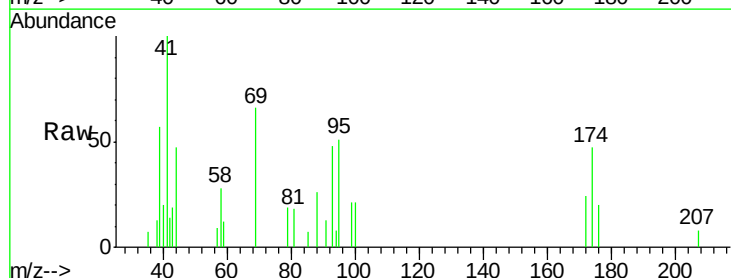
Tgt Ion: 41 Resp: 4691

Ion Ratio Lower Upper

41 100

69 63.2 59.3 88.9

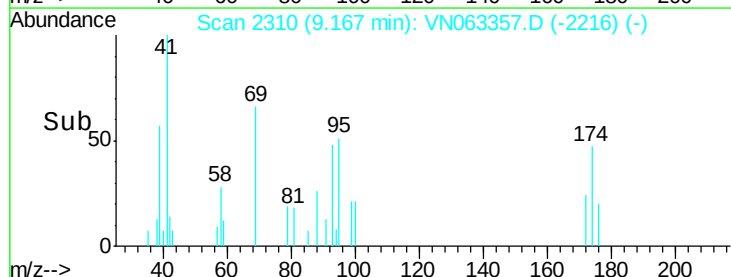
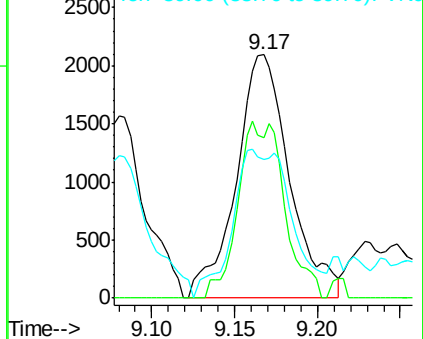
39 36.4 52.9 79.3#

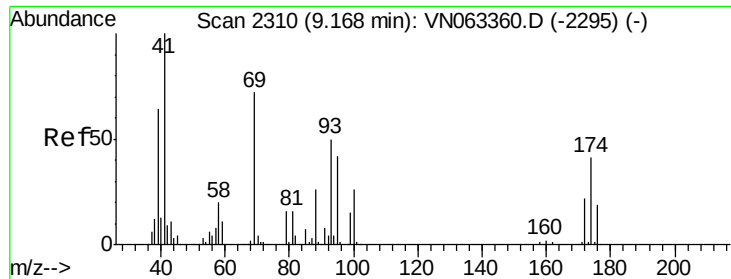


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

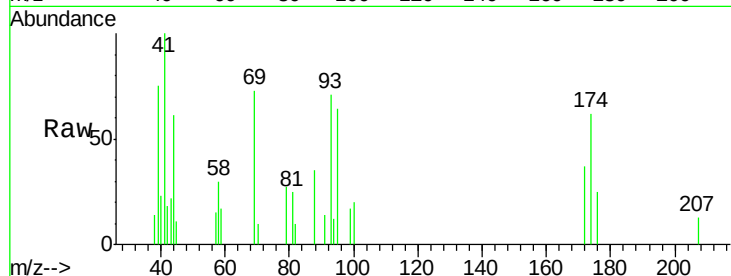




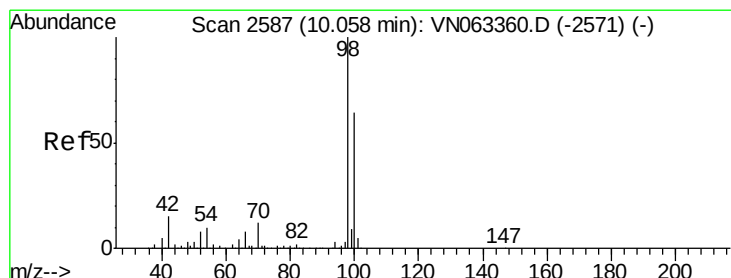
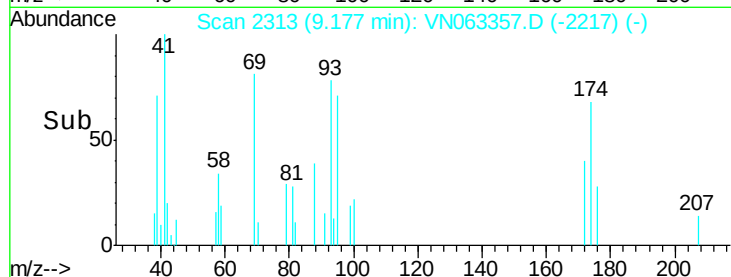
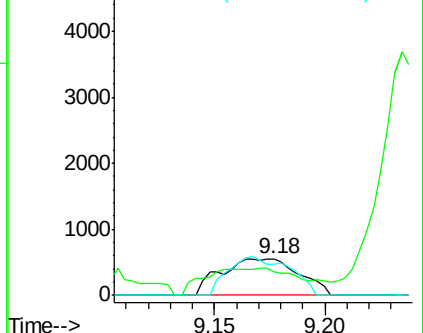
#49
1,4-Dioxane
Concen: 21.317 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1357
Ion Ratio Lower Upper
88 100
43 93.5 32.6 49.0#
58 82.6 60.0 90.0

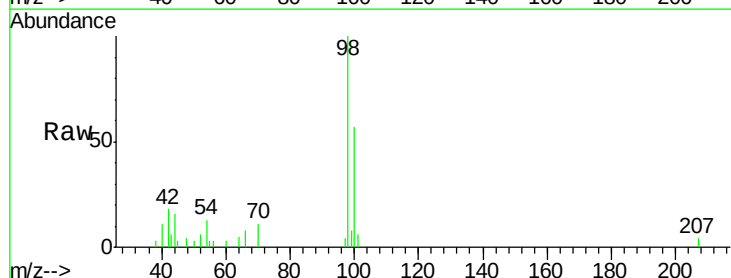


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

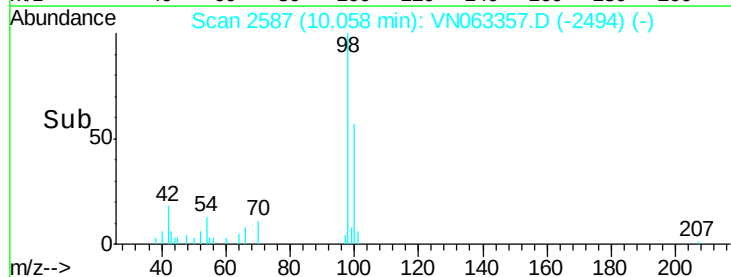
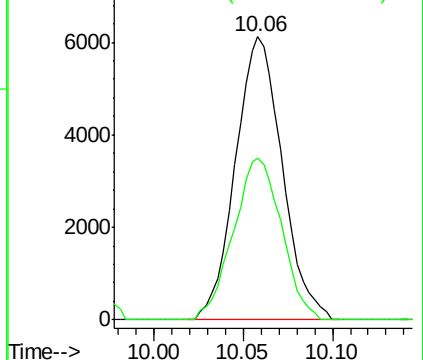


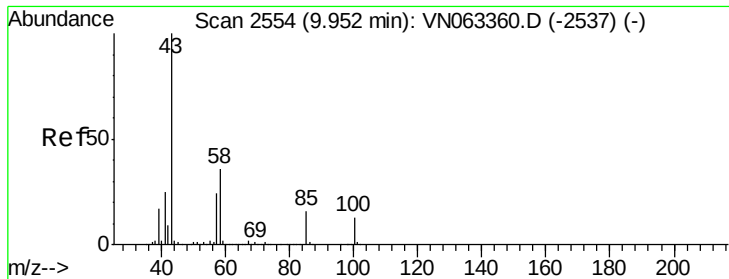
#50
Toluene-d8
Concen: 0.911 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 98 Resp: 11198
Ion Ratio Lower Upper
98 100
100 58.7 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 4.891 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

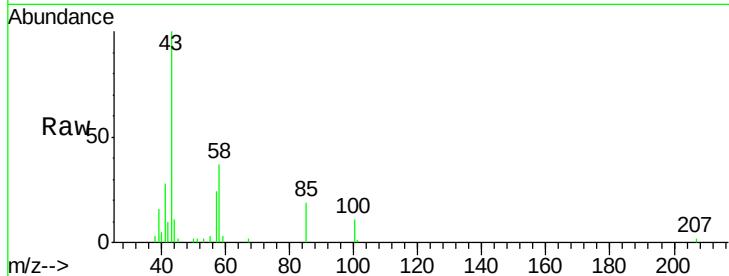
VSTDIC001

Tgt Ion: 43 Resp: 23150

Ion Ratio Lower Upper

43 100

58 38.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)

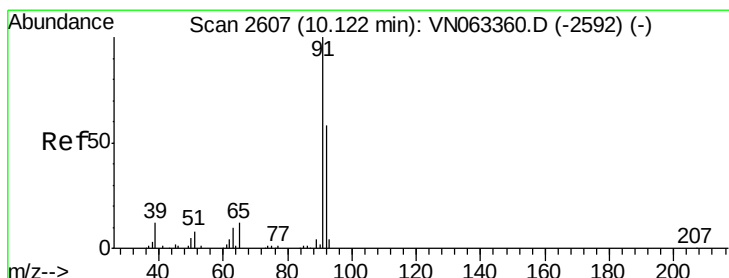
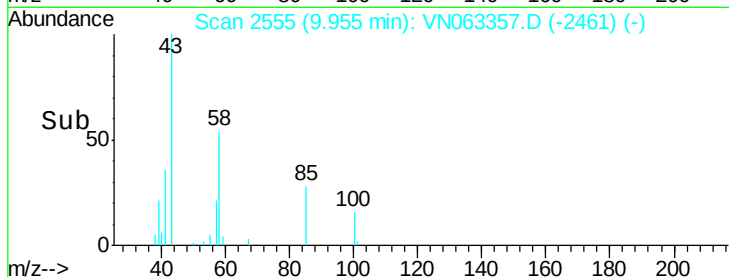
9.96

10000

5000

0

Time-->



#52

Toluene

Concen: 0.871 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063357.D

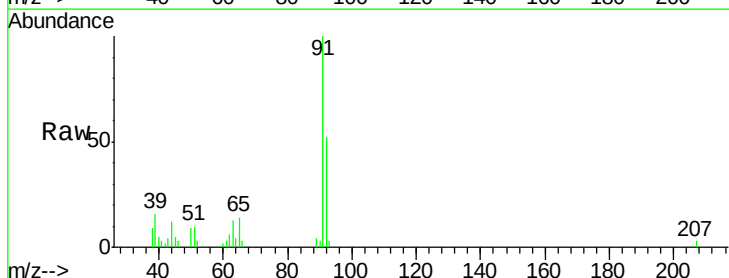
Acq: 16 Sep 2020 10:34

Tgt Ion: 92 Resp: 7807

Ion Ratio Lower Upper

92 100

91 188.3 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

10.12

8000

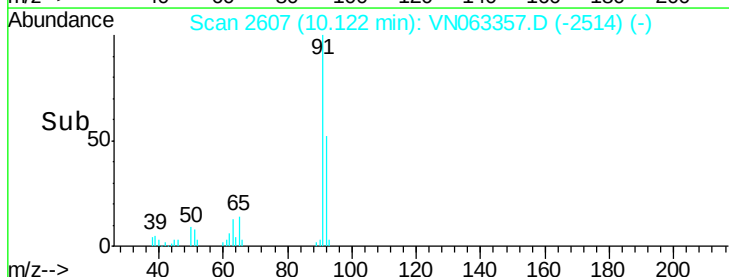
6000

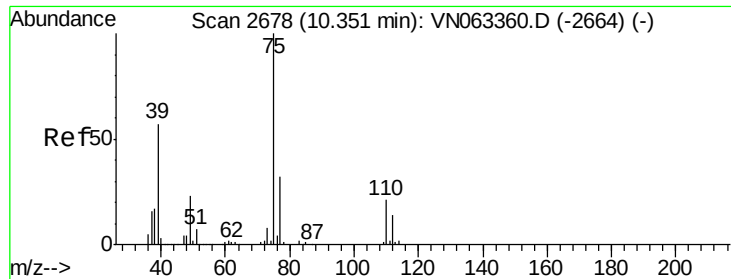
4000

2000

0

Time-->

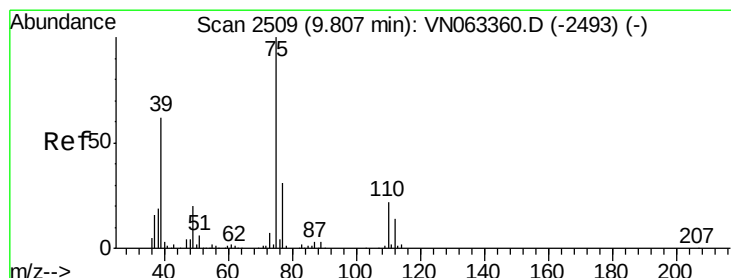
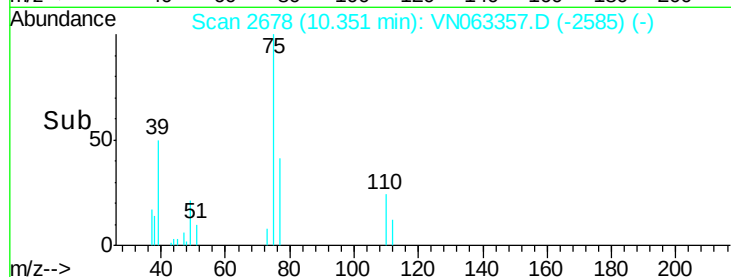
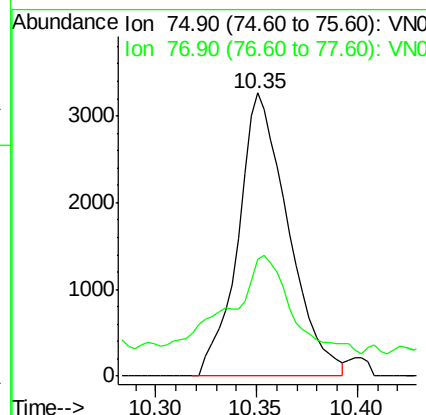
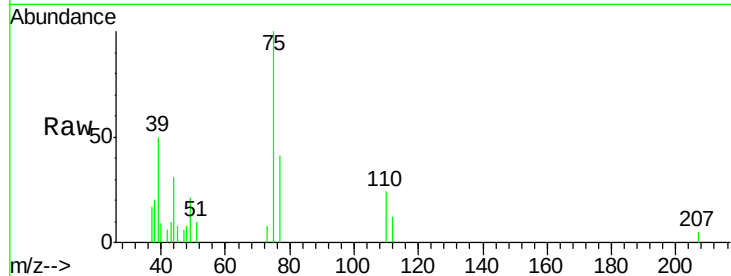




#53
t-1,3-Dichloropropene
Concen: 0.953 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

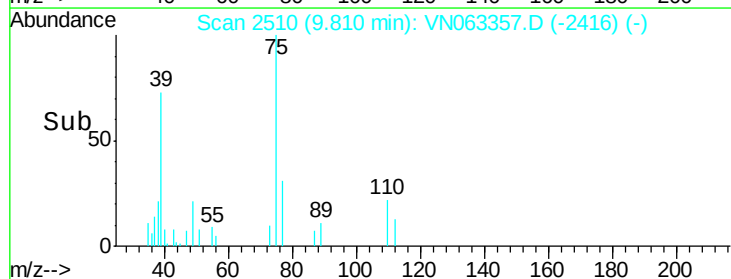
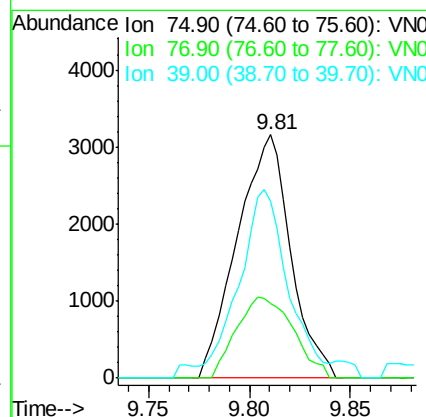
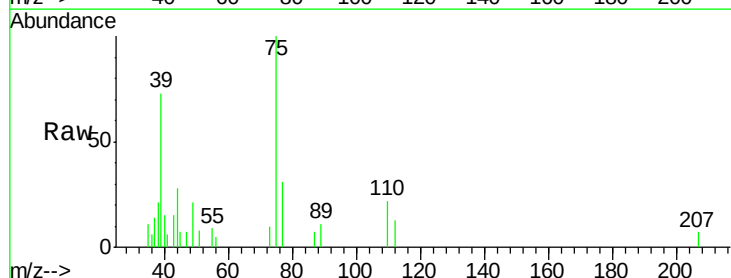
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

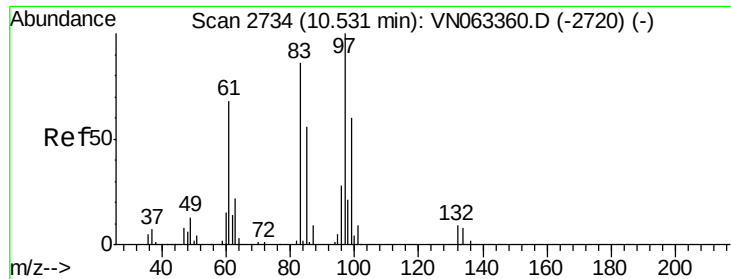
Tgt Ion: 75 Resp: 5662
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 0.912 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 75 Resp: 5829
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0
39 67.8 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 0.970 ug/l

RT: 10.54 min Scan# 2736

Delta R.T. 0.01 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 97 Resp: 3405

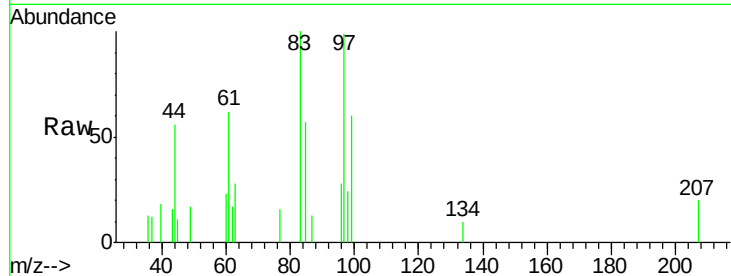
Ion Ratio Lower Upper

97 100

83 101.3 68.9 103.3

85 57.7 44.8 67.2

99 60.7 47.8 71.8

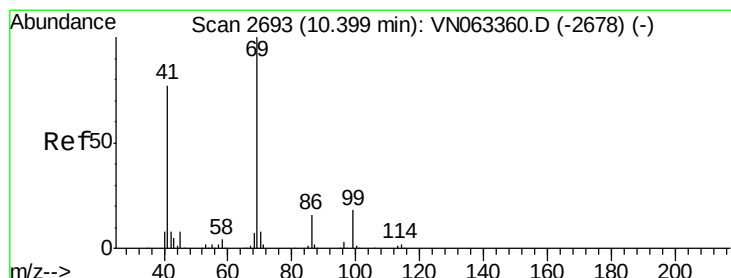
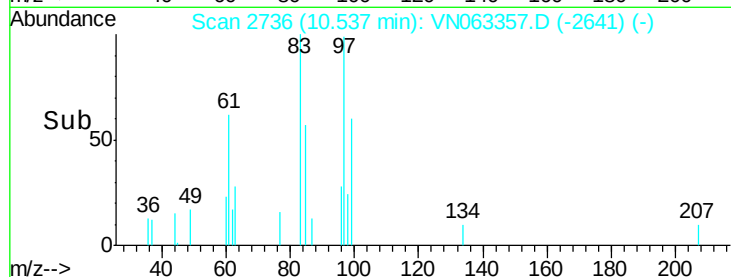
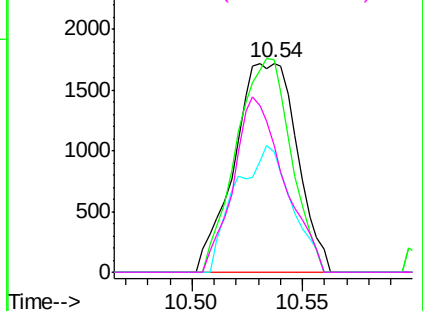


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 0.919 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

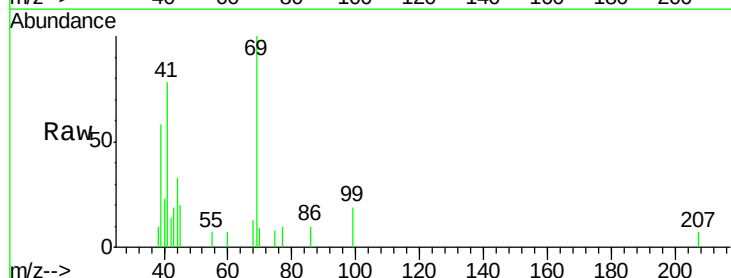
Tgt Ion: 69 Resp: 4899

Ion Ratio Lower Upper

69 100

41 77.9 61.0 91.6

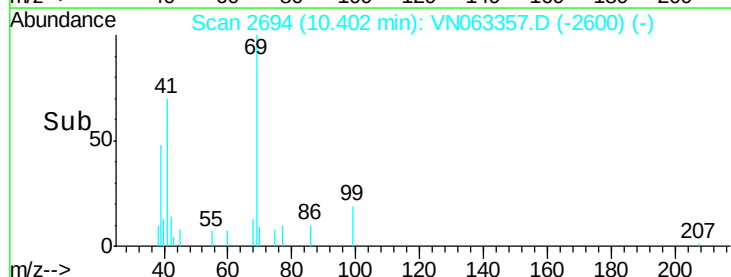
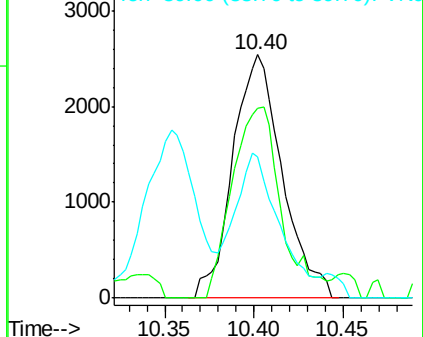
39 42.7 39.2 58.8

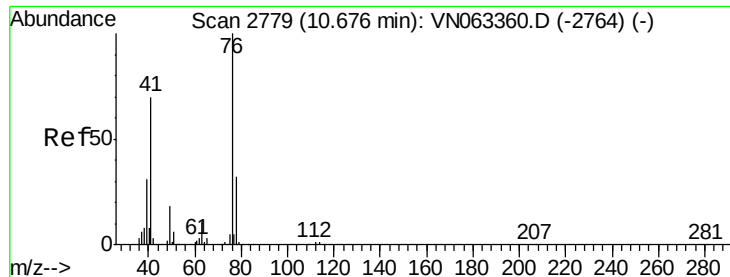


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

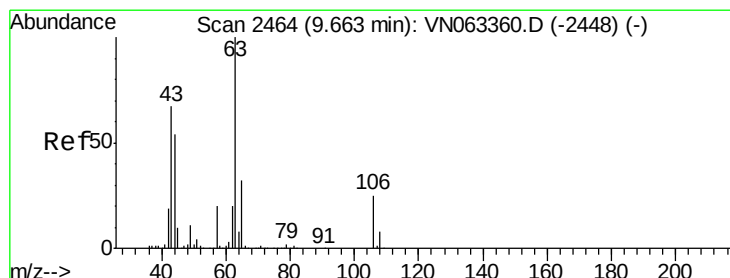
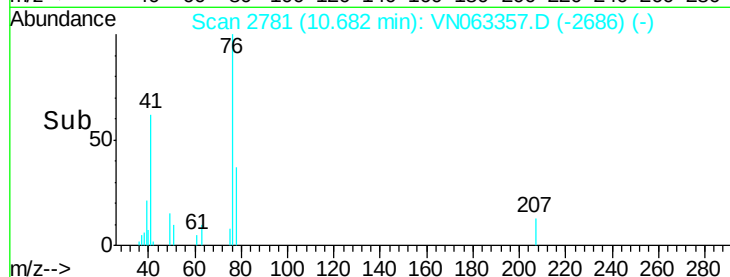
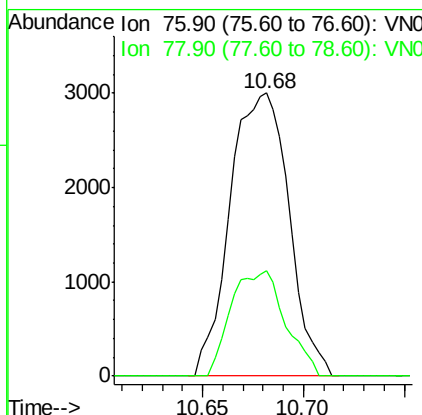
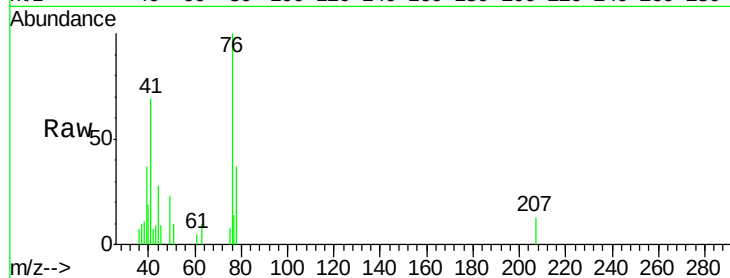




#57
 1,3-Dichloropropane
 Concen: 0.997 ug/l
 RT: 10.68 min Scan# 2781
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

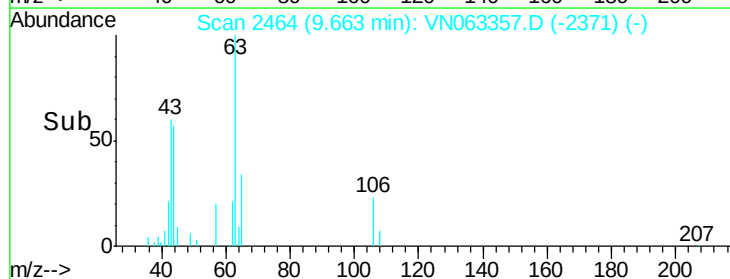
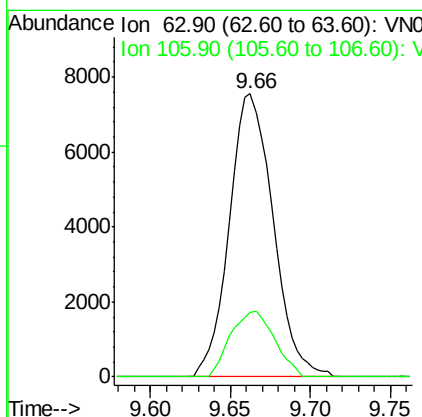
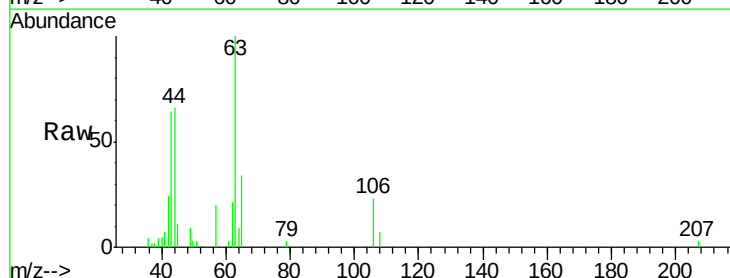
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

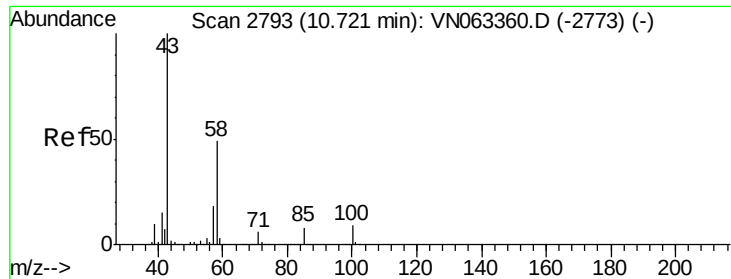
Tgt Ion: 76 Resp: 6120
 Ion Ratio Lower Upper
 76 100
 78 34.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.922 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 63 Resp: 14114
 Ion Ratio Lower Upper
 63 100
 106 23.3 19.5 29.3

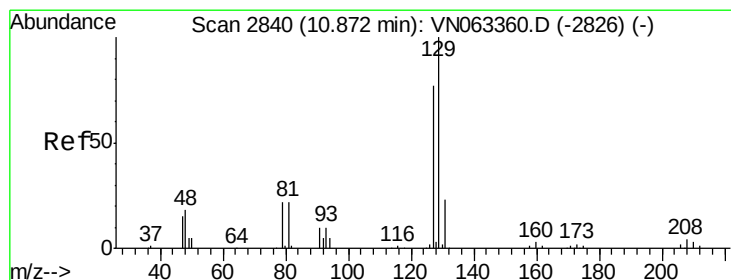
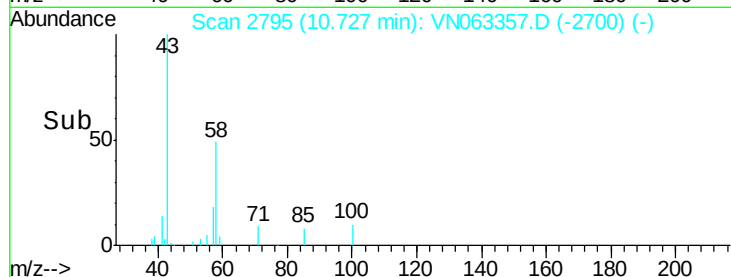
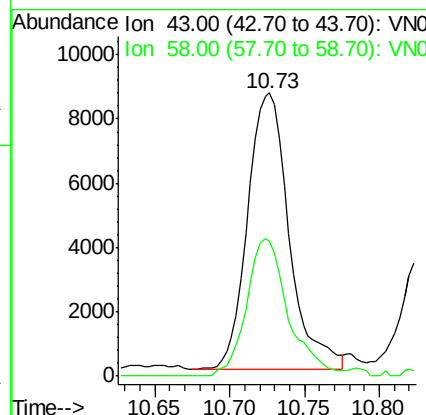
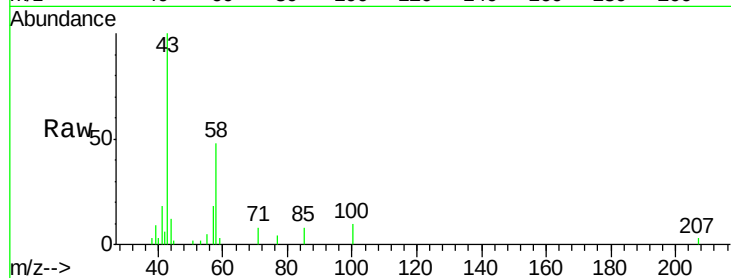




#59
2-Hexanone
Concen: 4.790 ug/l
RT: 10.73 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

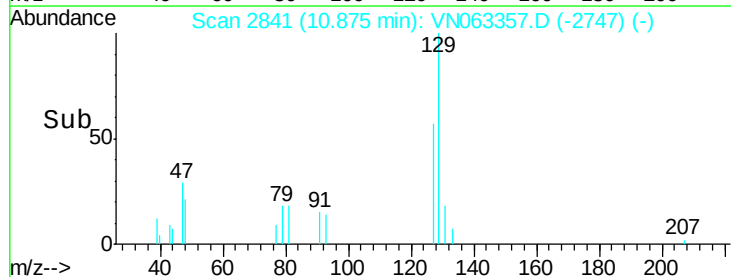
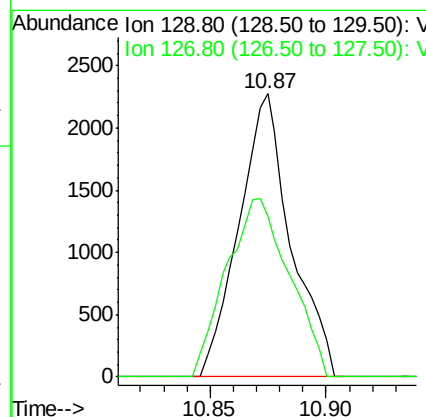
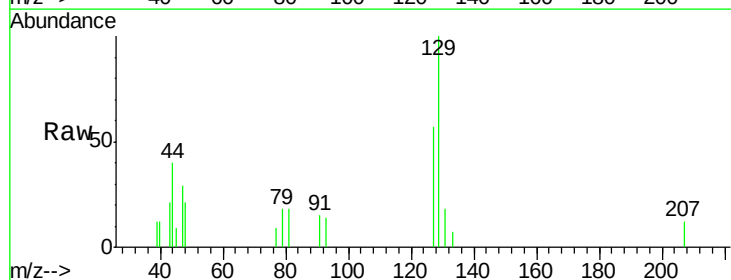
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

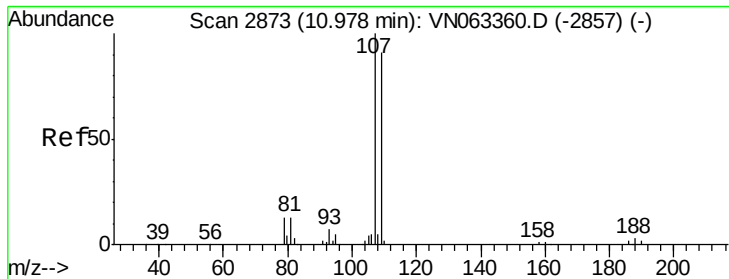
Tgt Ion: 43 Resp: 16709
Ion Ratio Lower Upper
43 100
58 49.8 24.7 74.1



#60
Dibromochloromethane
Concen: 0.919 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 129 Resp: 3545
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

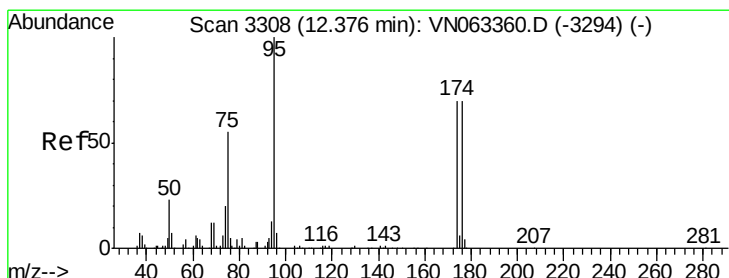
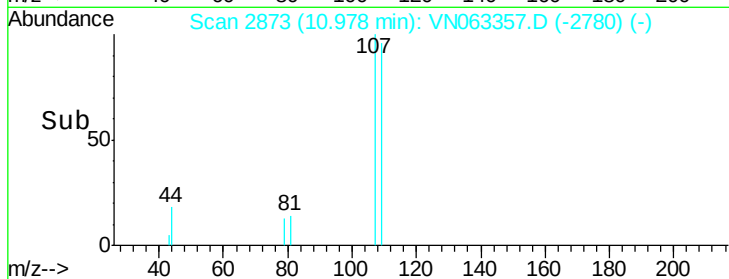
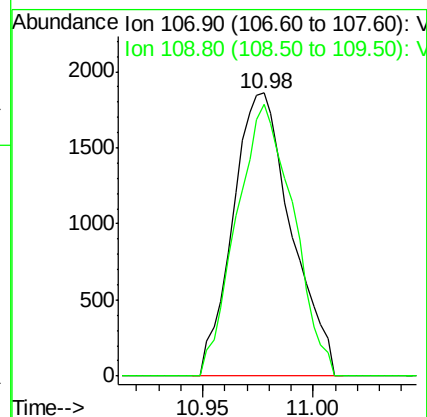
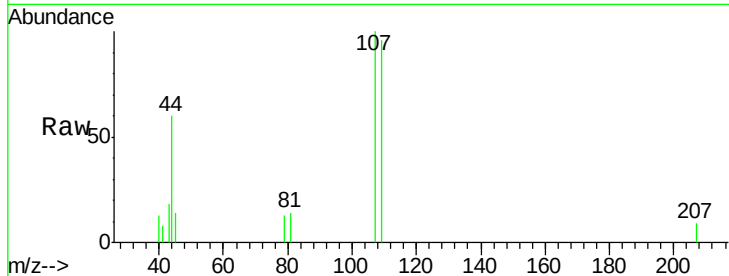




#61
 1,2-Dibromoethane
 Concen: 0.932 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

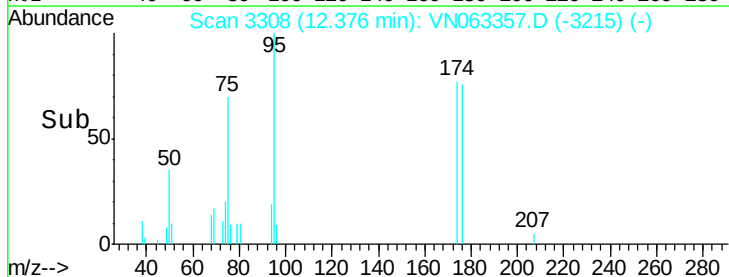
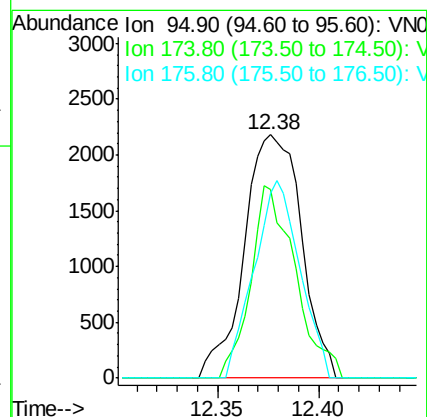
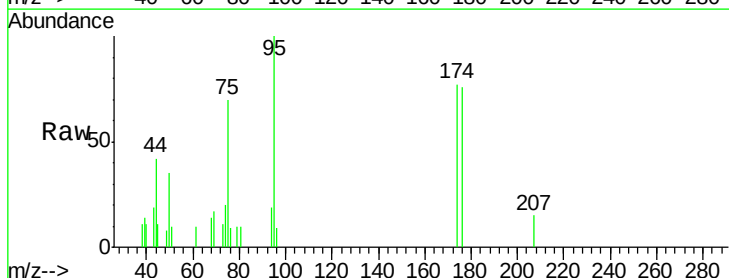
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

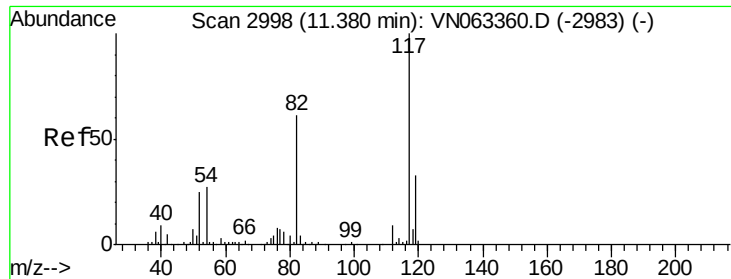
Tgt Ion: 107 Resp: 3413
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 0.949 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 95 Resp: 4314
 Ion Ratio Lower Upper
 95 100
 174 61.8 0.0 140.8
 176 65.0 0.0 137.6

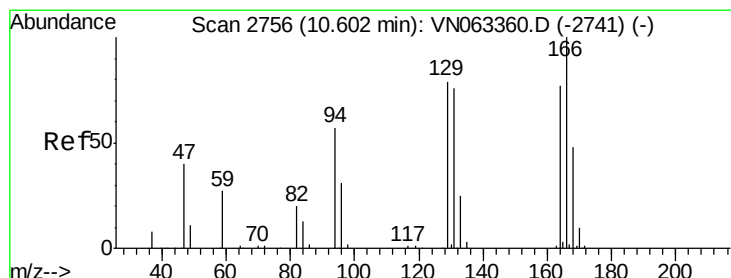
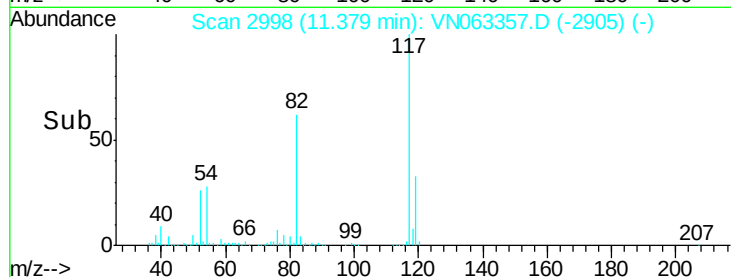
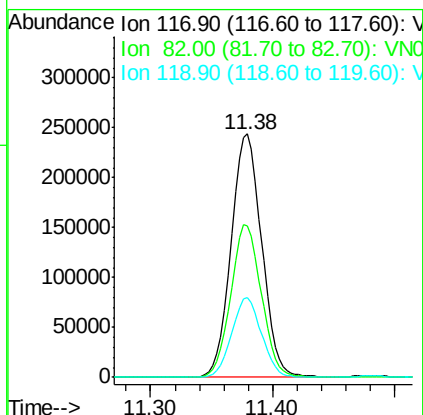
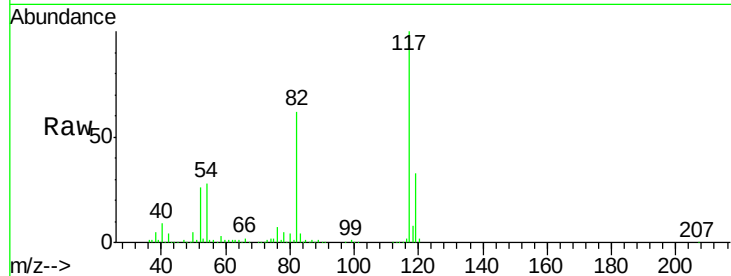




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

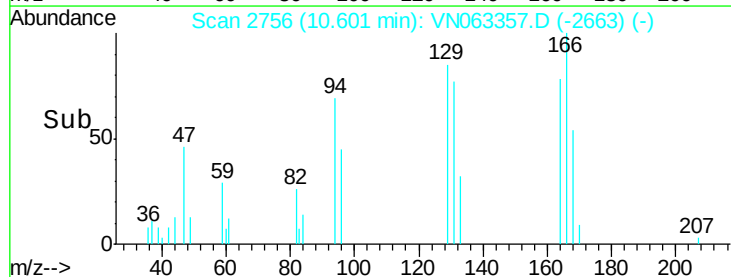
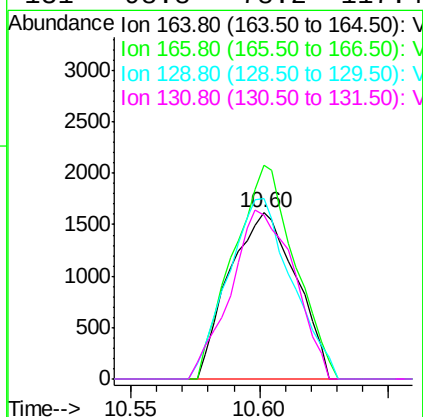
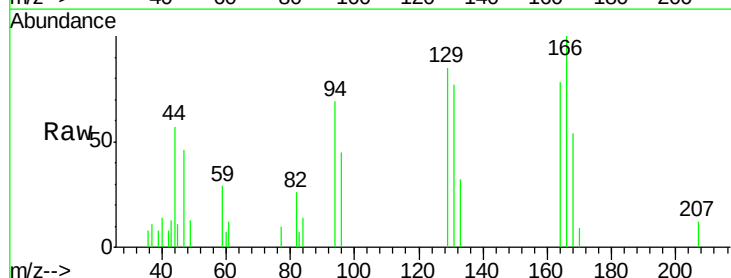
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

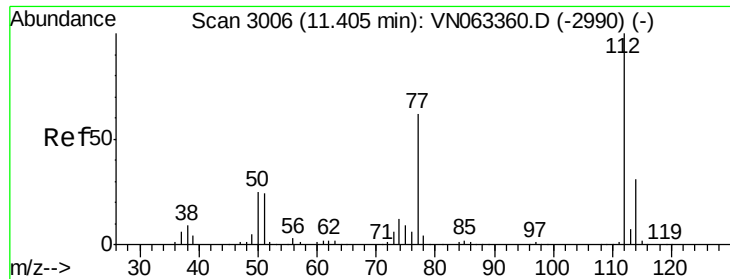
Tgt Ion:117 Resp: 425967
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 0.862 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion:164 Resp: 2925
Ion Ratio Lower Upper
164 100
166 128.4 103.4 155.0
129 108.9 81.8 122.6
131 98.8 78.2 117.4

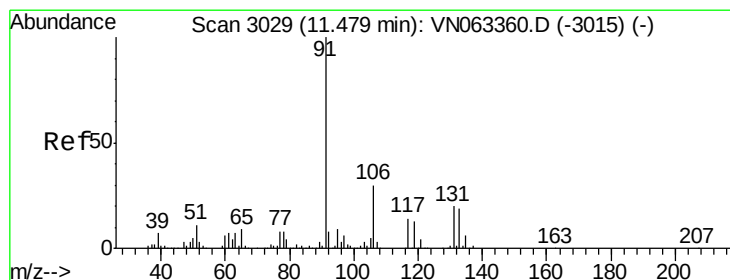
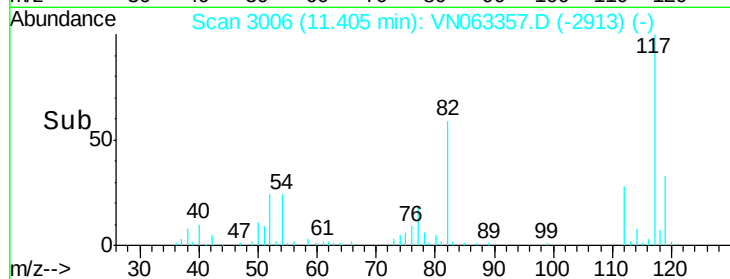
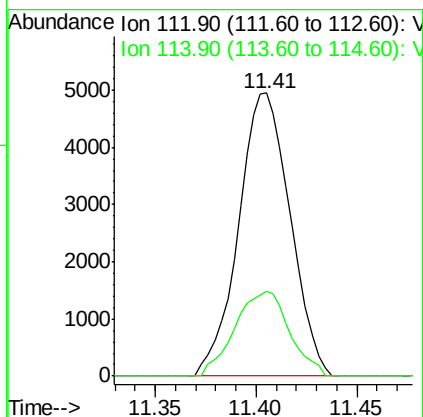
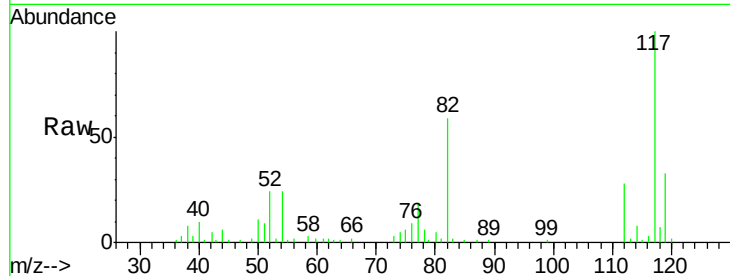




#65
Chlorobenzene
Concen: 0.962 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

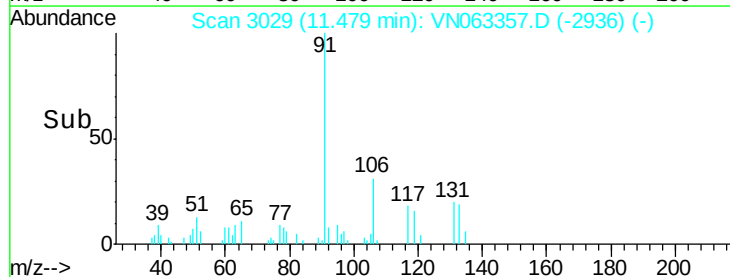
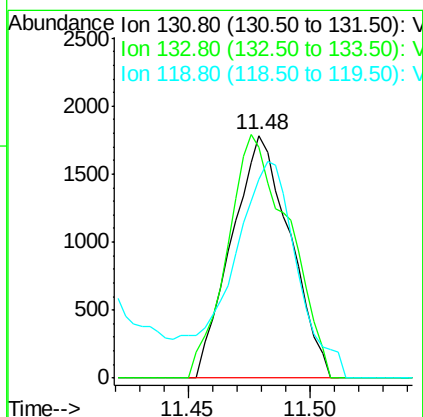
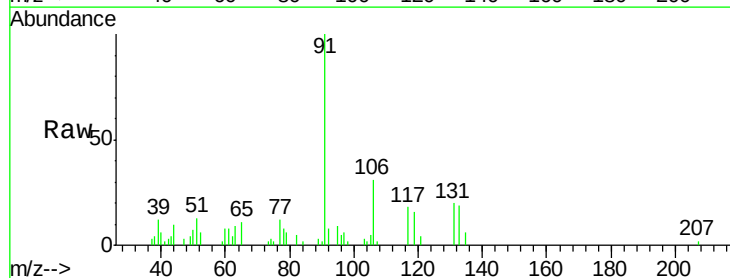
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

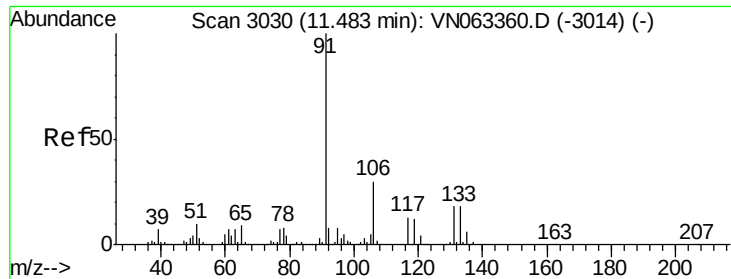
Tgt Ion:112 Resp: 8844
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.879 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion:131 Resp: 2950
Ion Ratio Lower Upper
131 100
133 106.6 47.3 141.9
119 0.0 33.6 100.8#

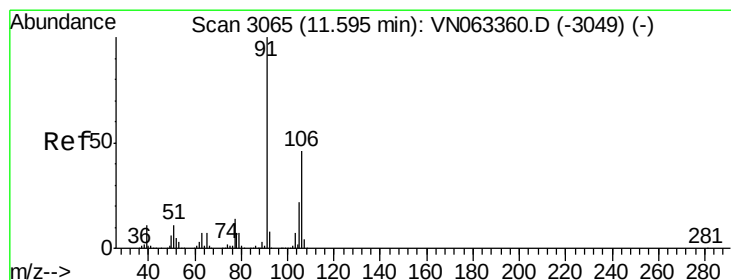
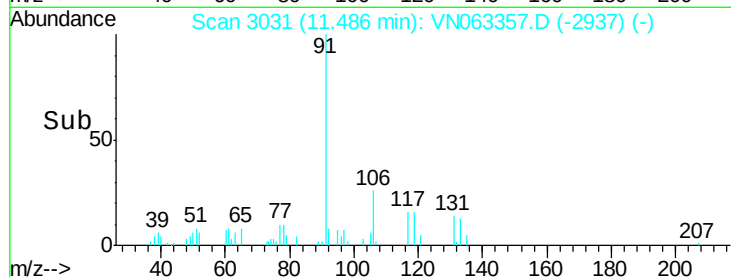
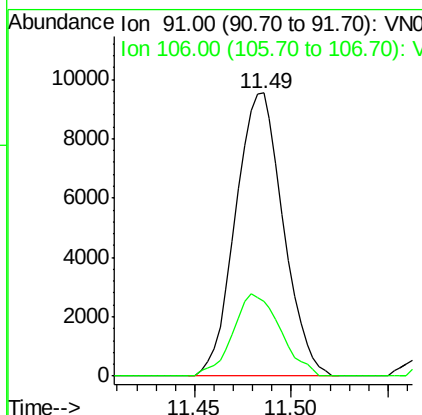
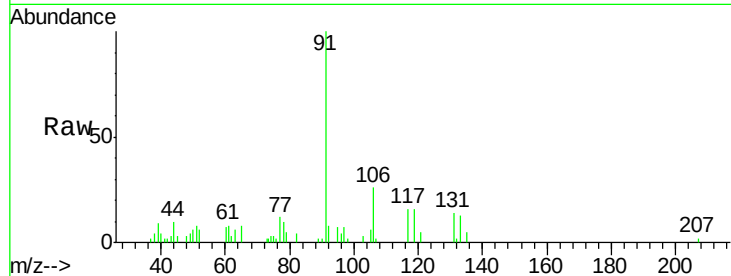




#67
Ethyl Benzene
Concen: 0.988 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

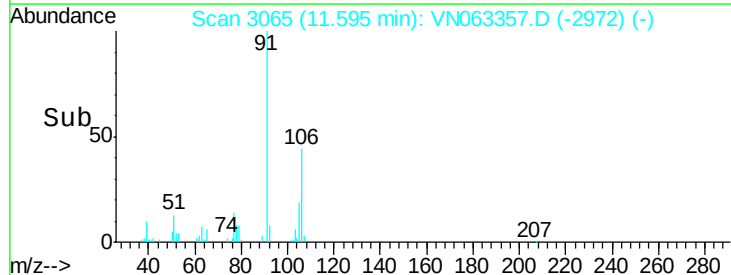
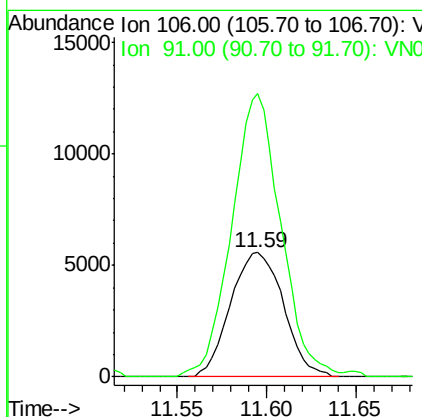
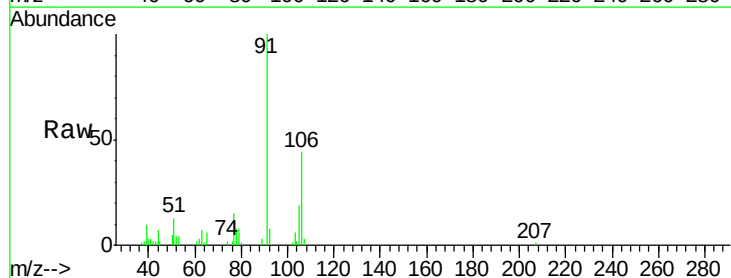
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

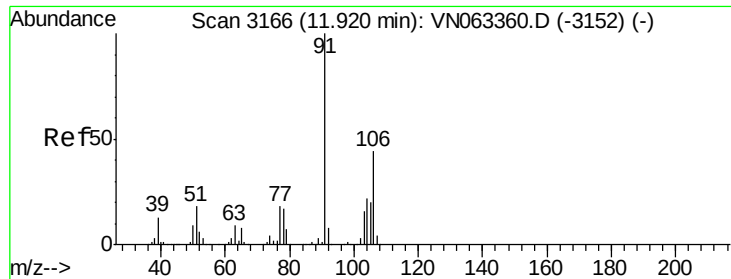
Tgt Ion: 91 Resp: 16348
Ion Ratio Lower Upper
91 100
106 26.3 23.8 35.6



#68
m/p-Xylenes
Concen: 1.888 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 106 Resp: 11573
Ion Ratio Lower Upper
106 100
91 210.9 171.2 256.8

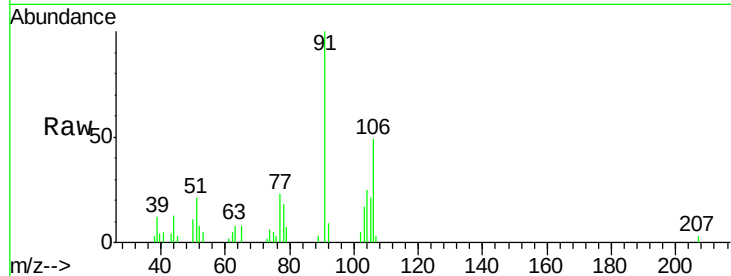




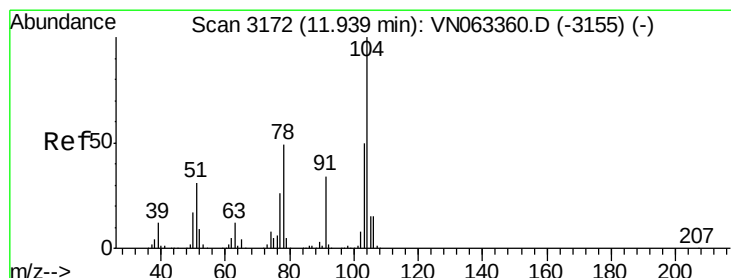
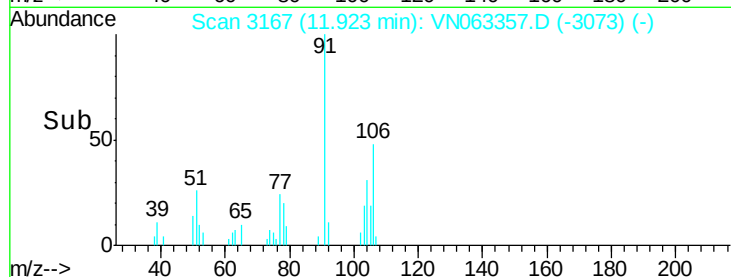
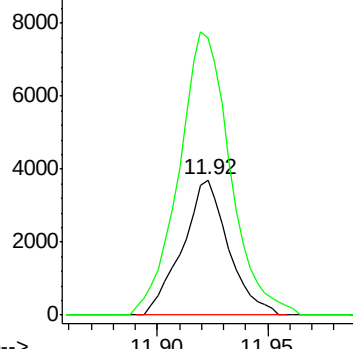
#69
o-Xylene
Concen: 0.914 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 5364
Ion Ratio Lower Upper
106 100
91 234.1 113.6 340.8

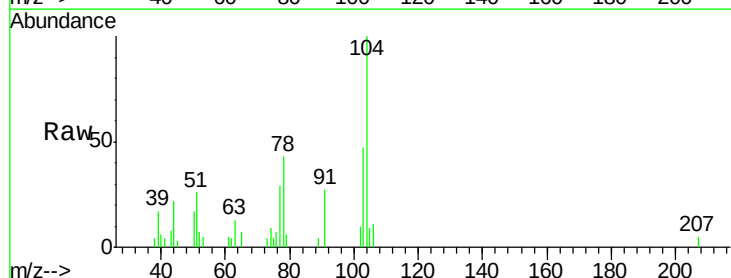


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

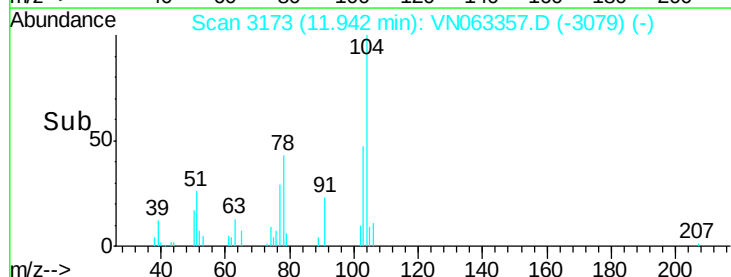
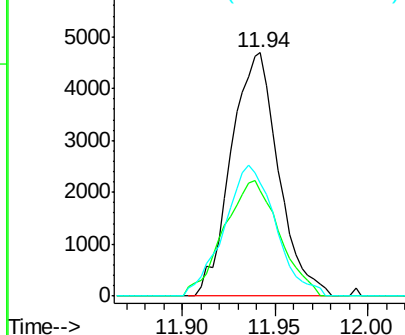


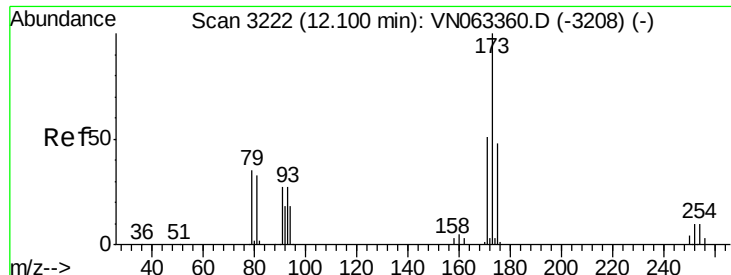
#70
Styrene
Concen: 0.852 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion:104 Resp: 8336
Ion Ratio Lower Upper
104 100
78 55.4 44.4 66.6
103 58.3 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

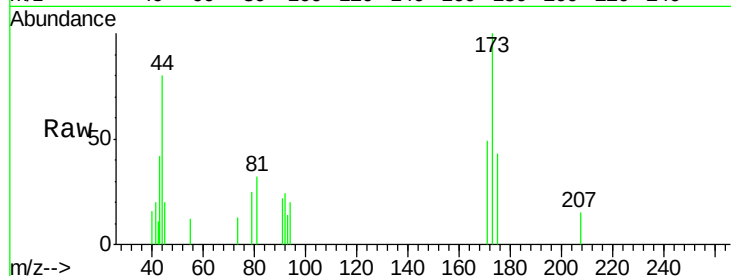




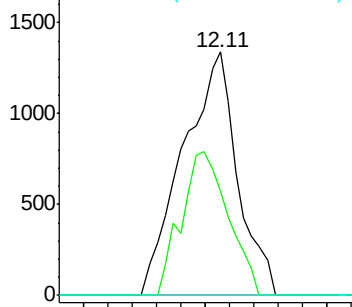
#71
Bromoform
Concen: 0.883 ug/l
RT: 12.11 min Scan# 3224
Delta R.T. 0.01 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

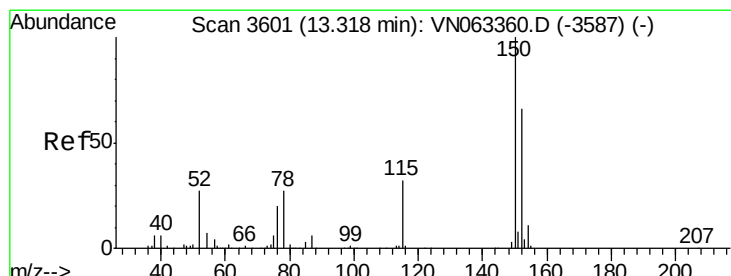
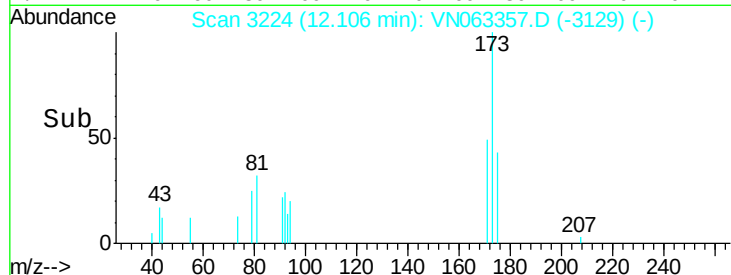
Tgt Ion:173 Resp: 2076
Ion Ratio Lower Upper
173 100
175 50.7 24.0 72.0
254 0.0 0.0 0.0



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

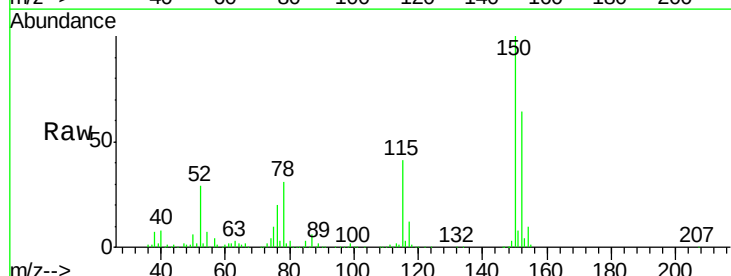


Time-->

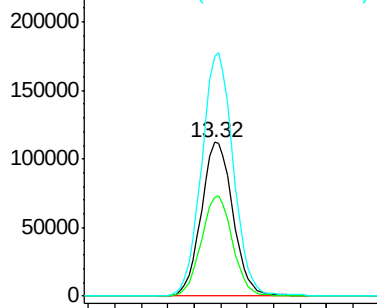


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

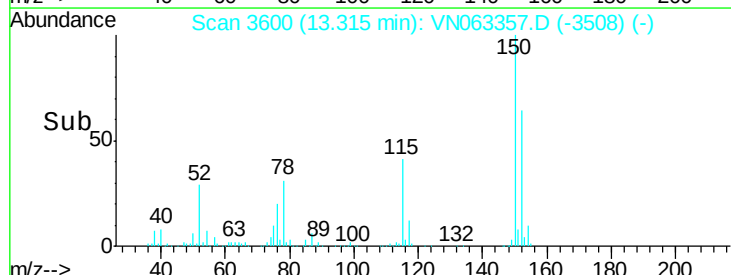
Tgt Ion:152 Resp: 187035
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 157.7 0.0 343.4

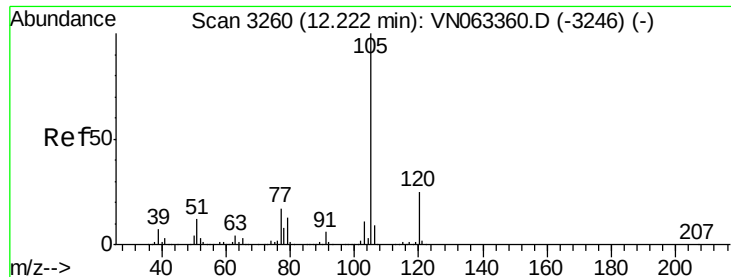


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 0.915 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

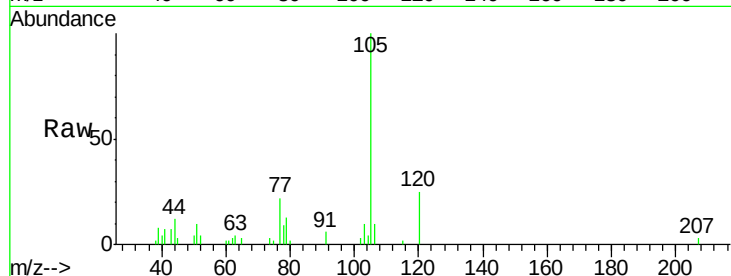
VSTDIC001

Tgt Ion:105 Resp: 13809

Ion Ratio Lower Upper

105 100

120 23.3 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

8000

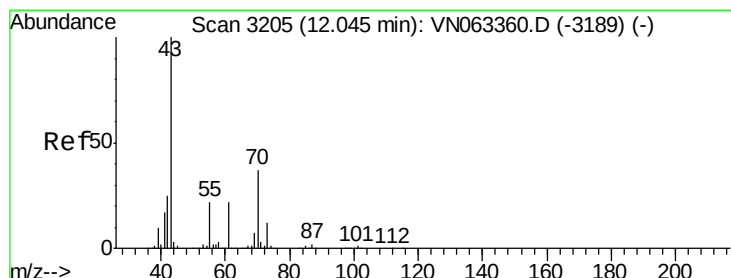
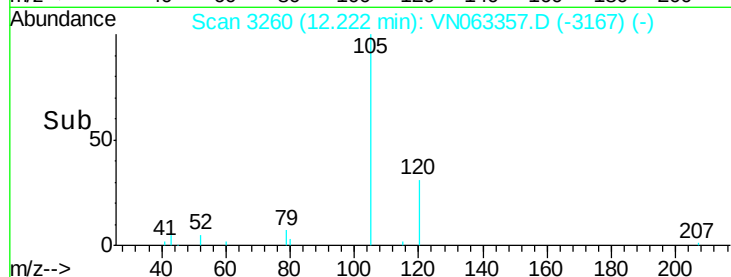
6000

4000

2000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 1.006 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Tgt Ion: 43 Resp: 6298

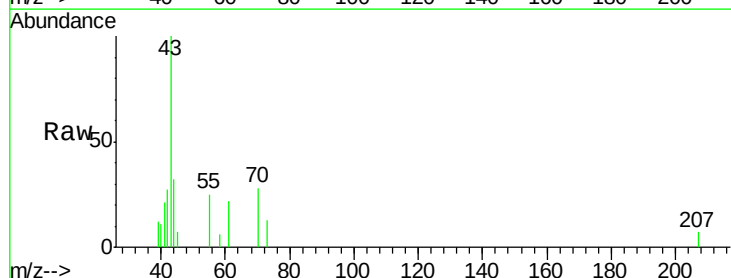
Ion Ratio Lower Upper

43 100

70 30.9 29.6 44.4

55 24.8 17.7 26.5

61 18.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

5000

4000

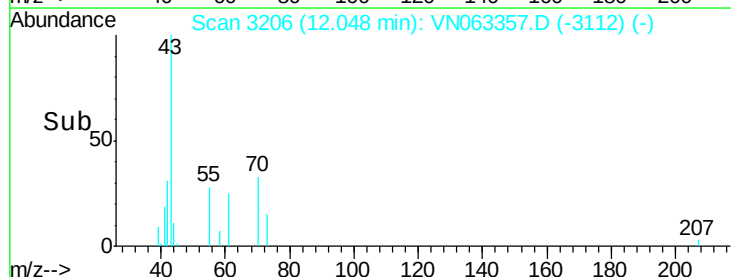
3000

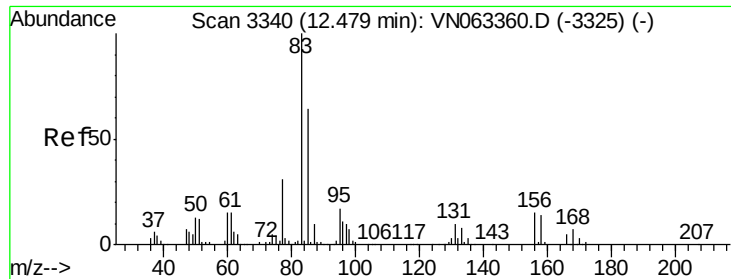
2000

1000

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 1.045 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

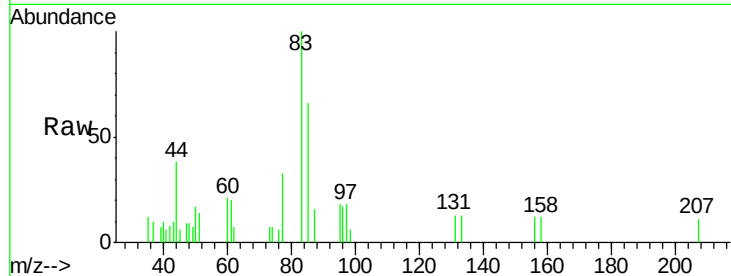
Tgt Ion: 83 Resp: 4566

Ion Ratio Lower Upper

83 100

131 7.4 4.9 14.7

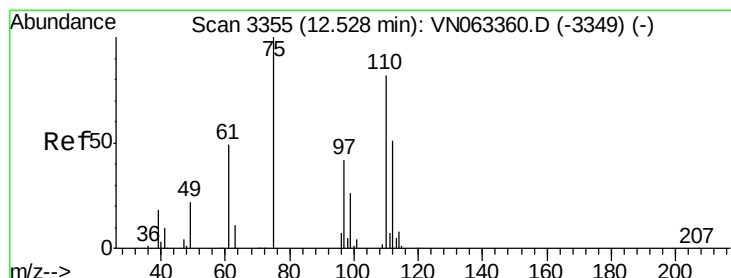
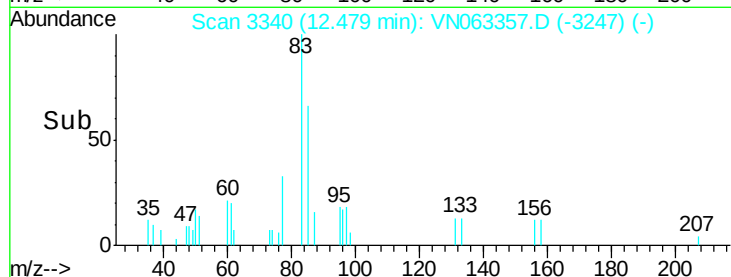
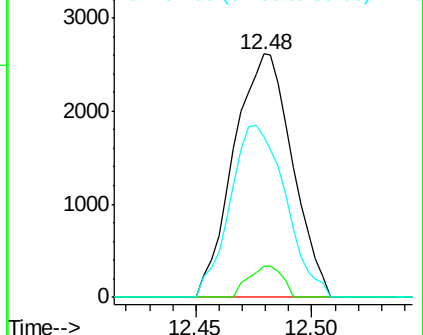
85 67.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 1.613 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063357.D

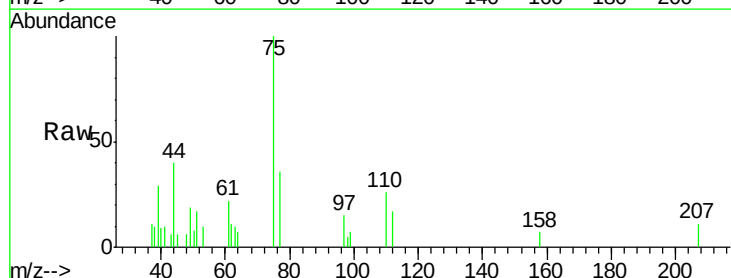
Acq: 16 Sep 2020 10:34

Tgt Ion: 75 Resp: 6790

Ion Ratio Lower Upper

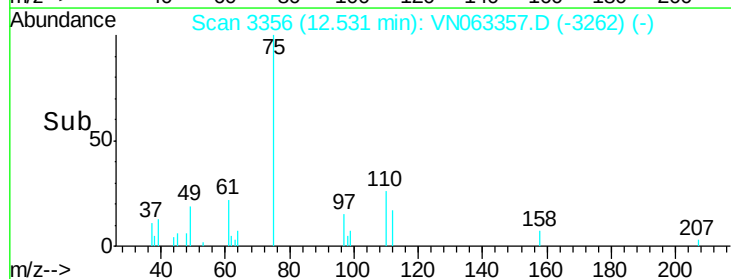
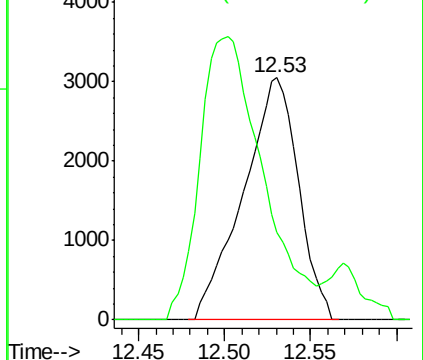
75 100

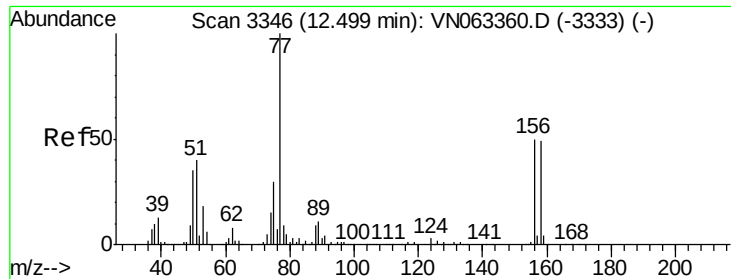
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)

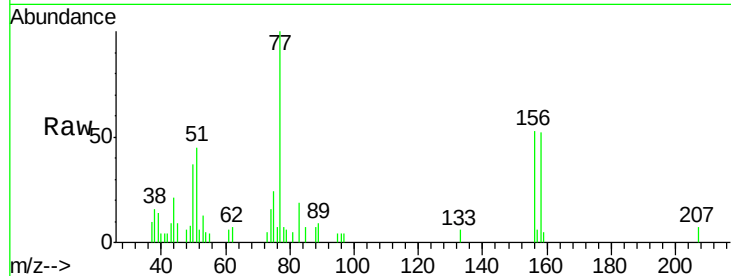




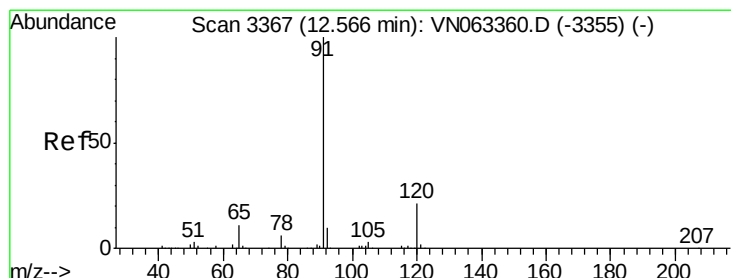
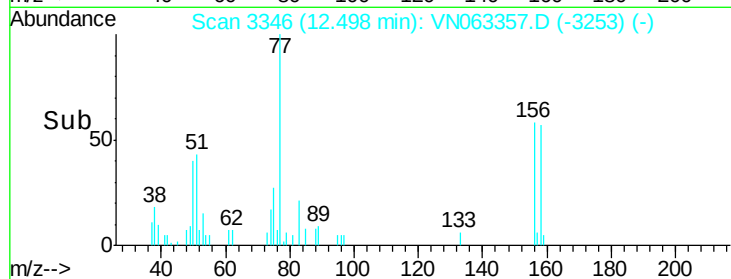
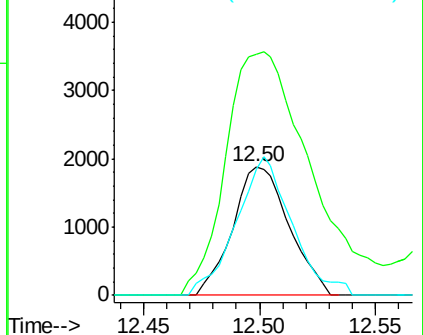
#77
Bromobenzene
Concen: 0.917 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 156 Resp: 3176
Ion Ratio Lower Upper
156 100
77 285.9 120.2 360.6
158 106.6 48.9 146.6

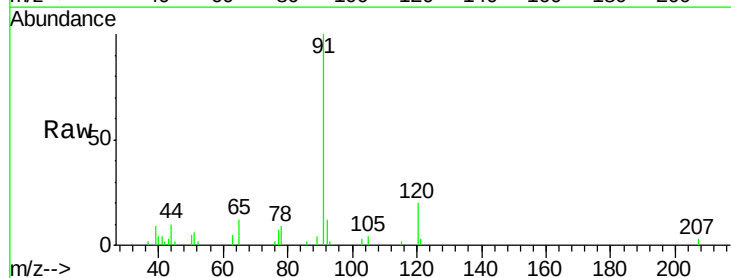


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): V
Ion 157.80 (157.50 to 158.50): V

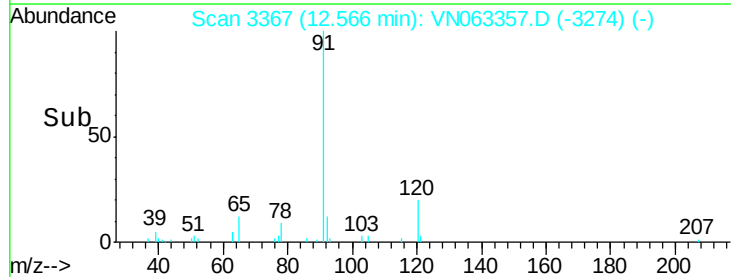
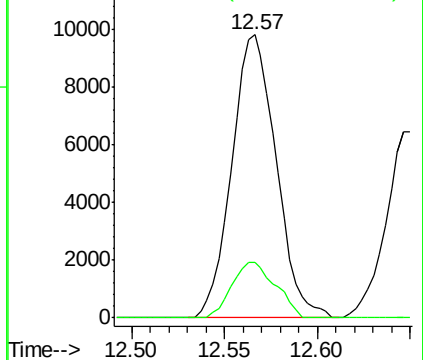


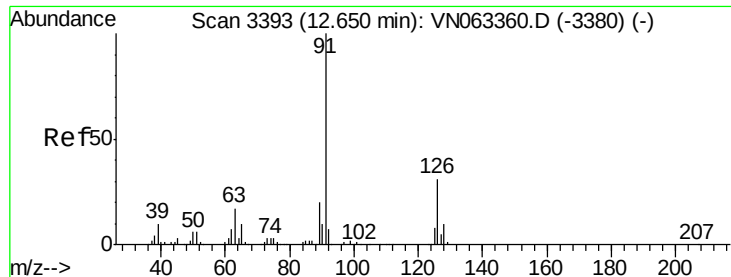
#78
n-propylbenzene
Concen: 0.953 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 91 Resp: 16312
Ion Ratio Lower Upper
91 100
120 19.3 10.8 32.3



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





#79

2-Chlorotoluene

Concen: 0.982 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

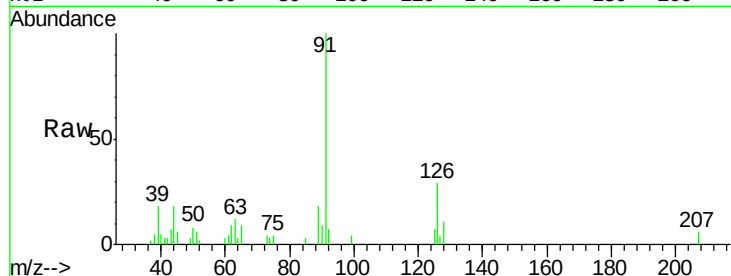
VSTDIC001

Tgt Ion: 91 Resp: 10328

Ion Ratio Lower Upper

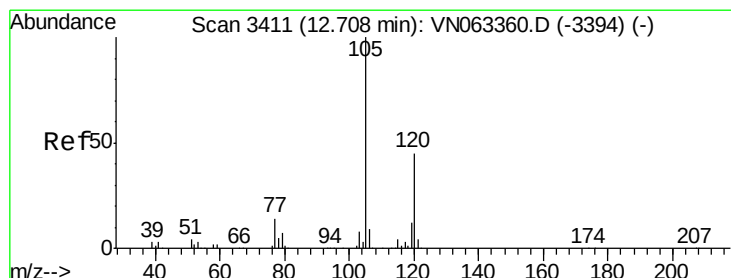
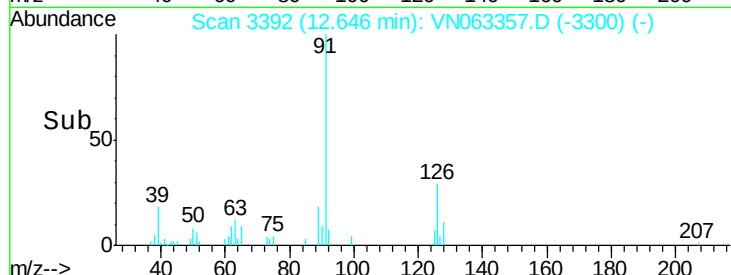
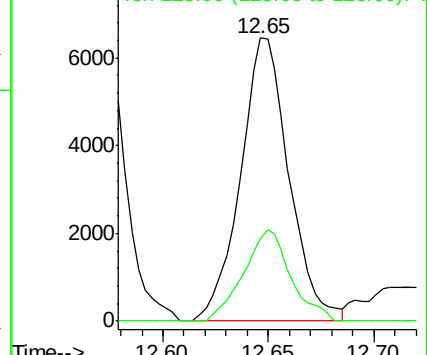
91 100

126 31.3 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.854 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063357.D

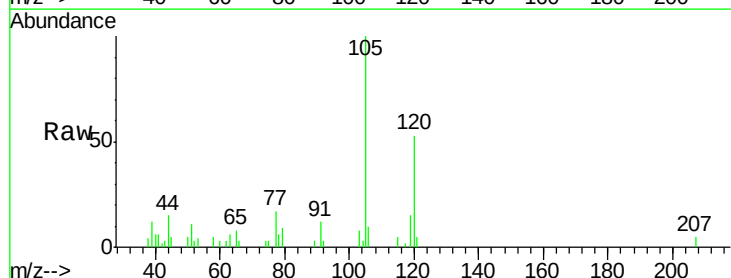
Acq: 16 Sep 2020 10:34

Tgt Ion: 105 Resp: 10701

Ion Ratio Lower Upper

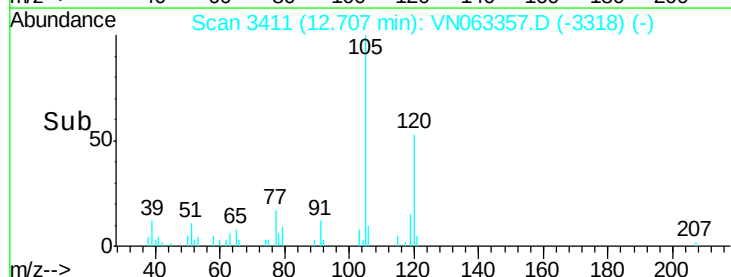
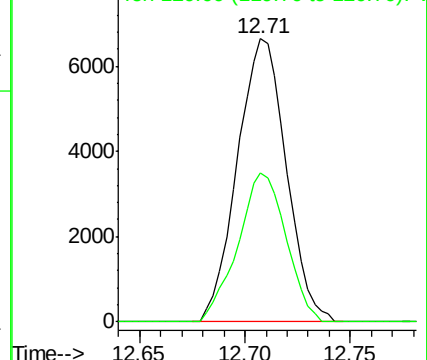
105 100

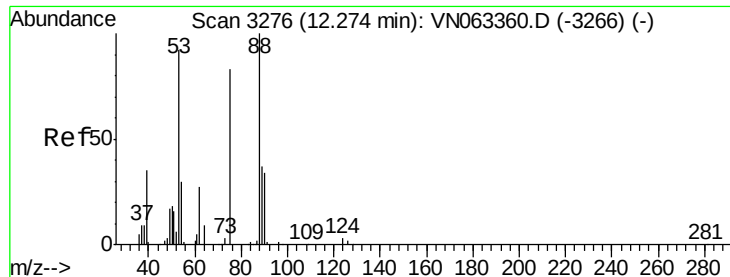
120 51.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.929 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

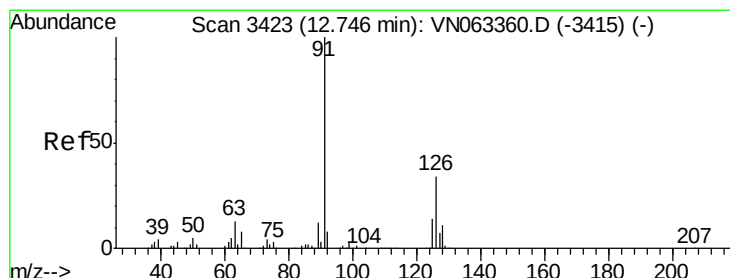
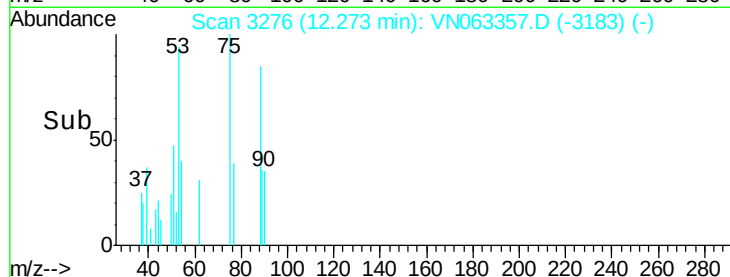
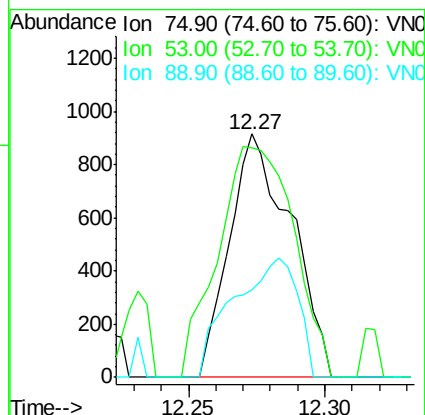
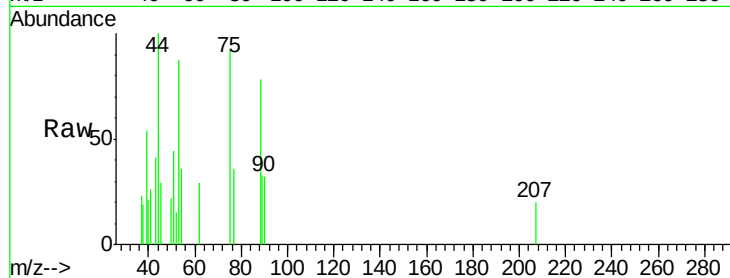
Tgt Ion: 75 Resp: 1440

Ion Ratio Lower Upper

75 100

53 116.8 85.7 128.5

89 51.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 0.964 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063357.D

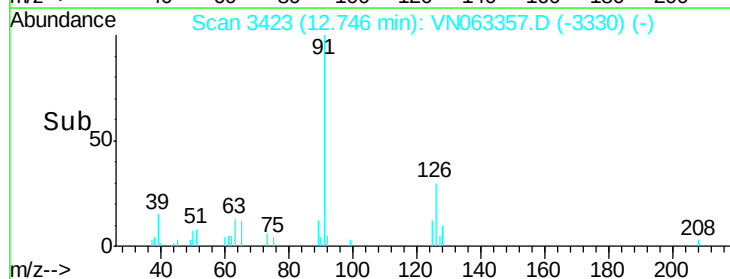
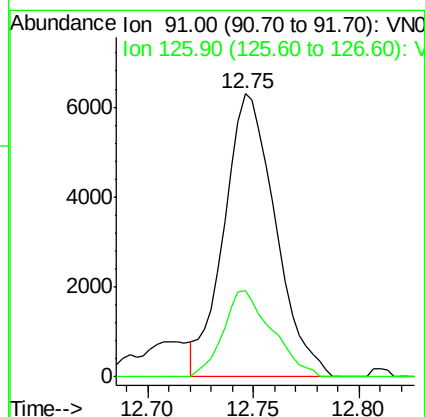
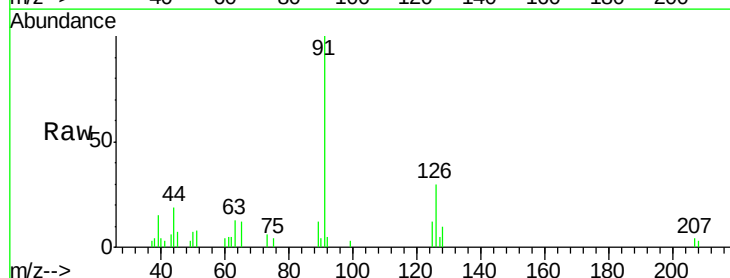
Acq: 16 Sep 2020 10:34

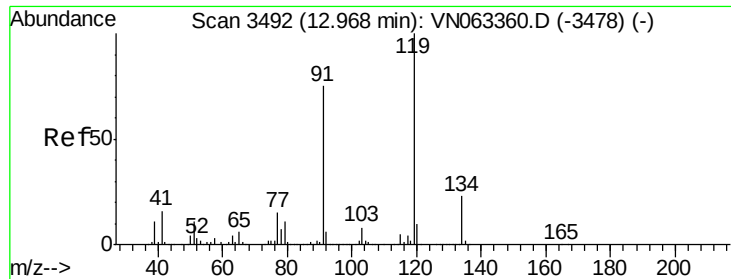
Tgt Ion: 91 Resp: 10654

Ion Ratio Lower Upper

91 100

126 29.0 15.5 46.5

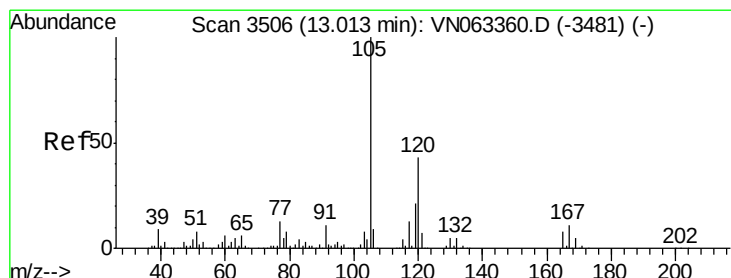
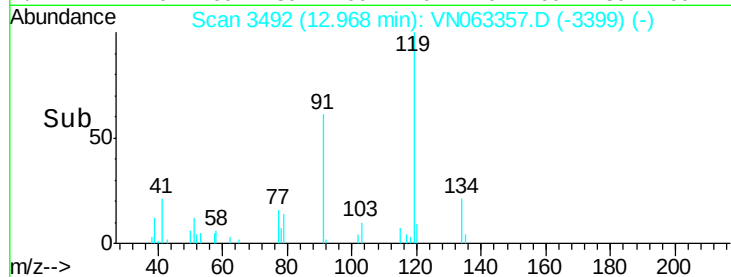
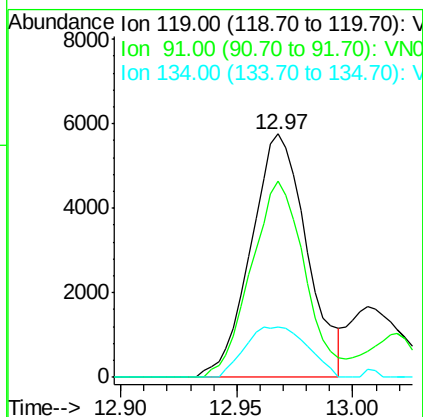
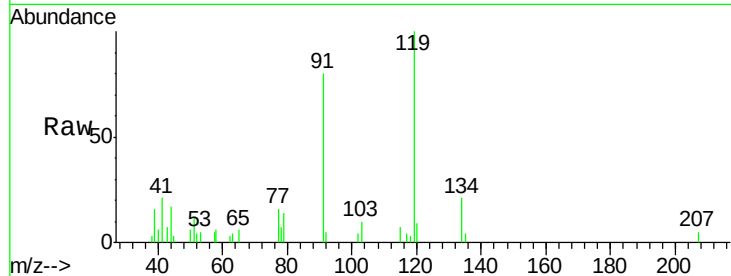




#83
 tert-Butylbenzene
 Concen: 0.912 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

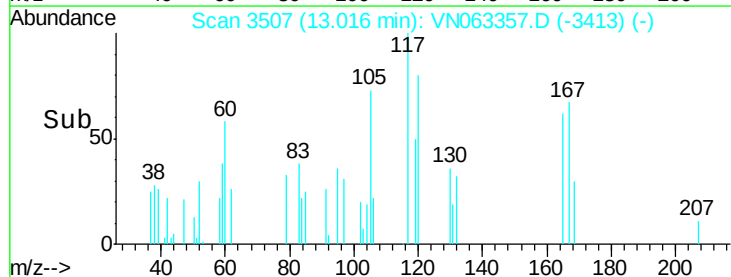
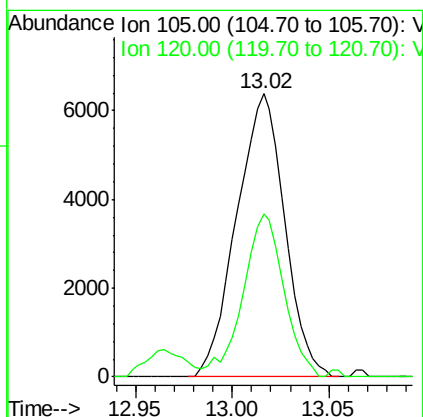
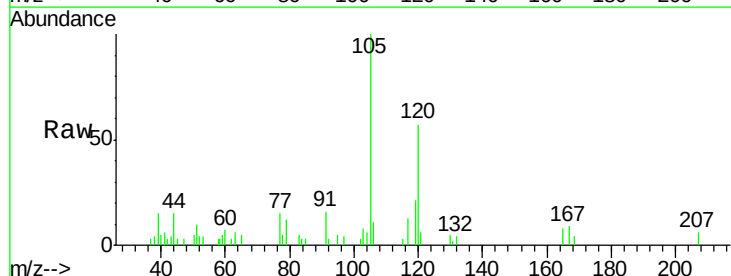
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

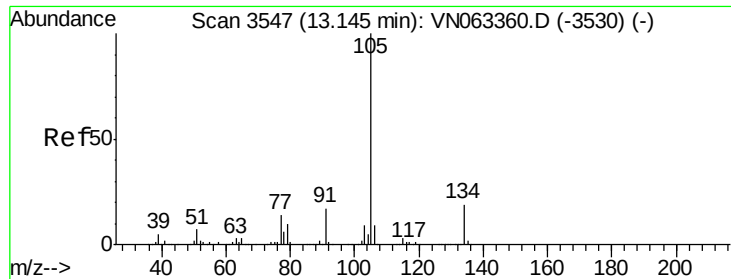
Tgt Ion:119 Resp: 9669
 Ion Ratio Lower Upper
 119 100
 91 77.5 36.3 108.9
 134 23.1 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.872 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:105 Resp: 11024
 Ion Ratio Lower Upper
 105 100
 120 49.0 21.3 63.9

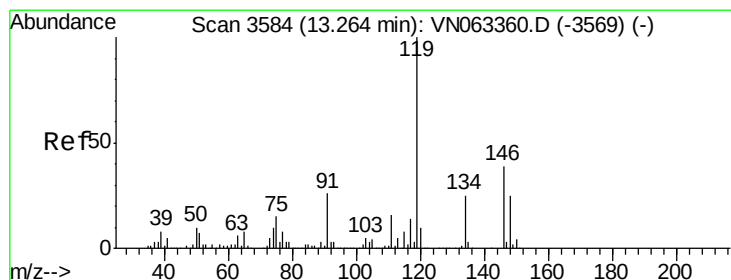
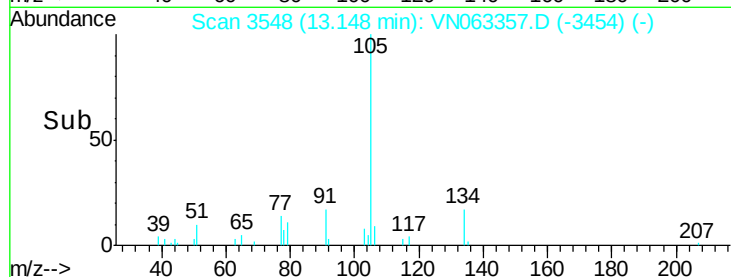
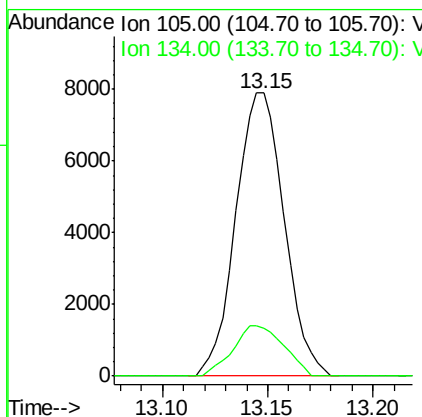
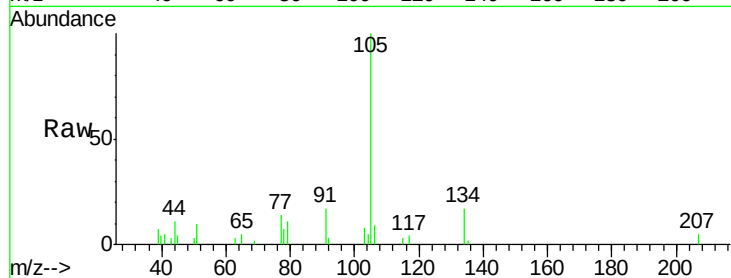




#85
 sec-Butylbenzene
 Concen: 0.930 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

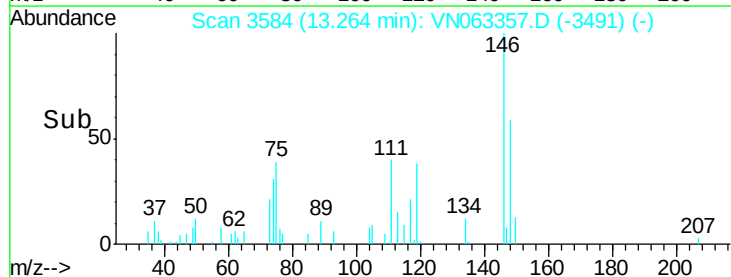
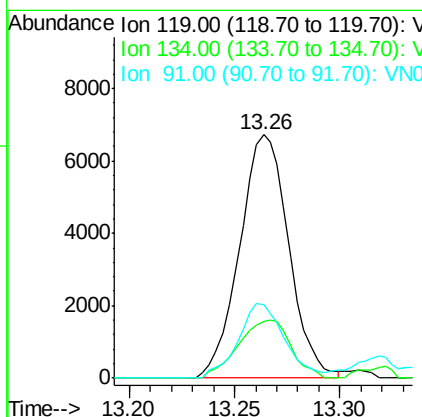
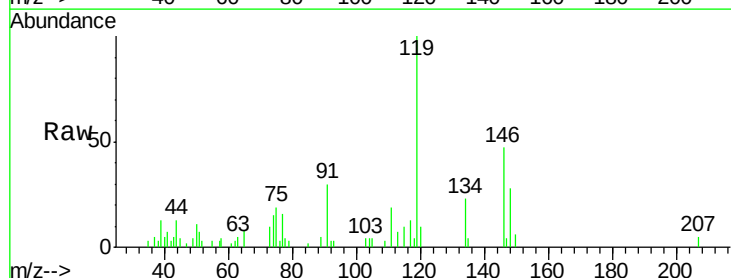
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

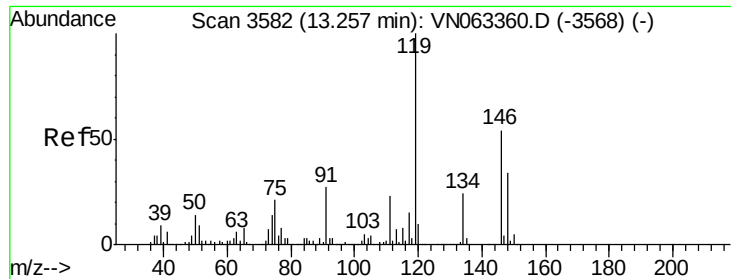
Tgt Ion:105 Resp: 12565
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 0.881 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:119 Resp: 10885
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 29.0 13.4 40.1

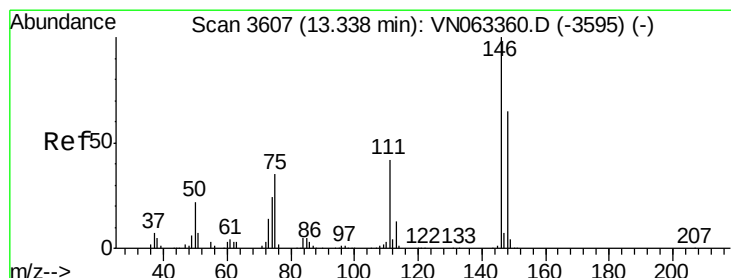
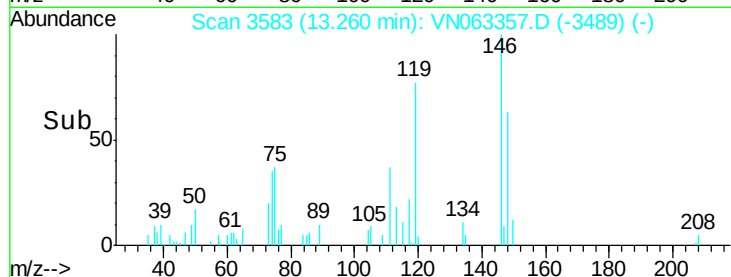
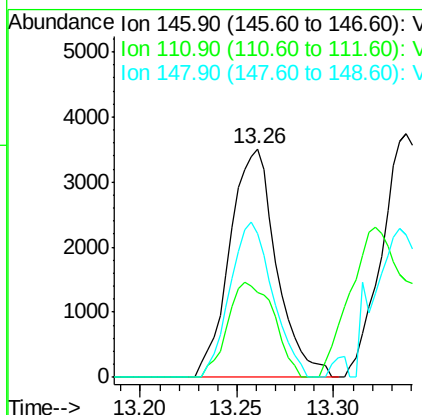
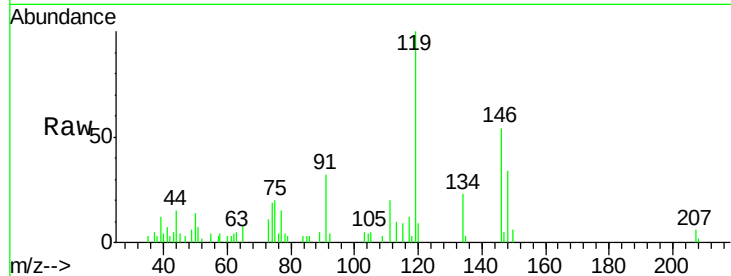




#87
 1,3-Dichlorobenzene
 Concen: 0.930 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

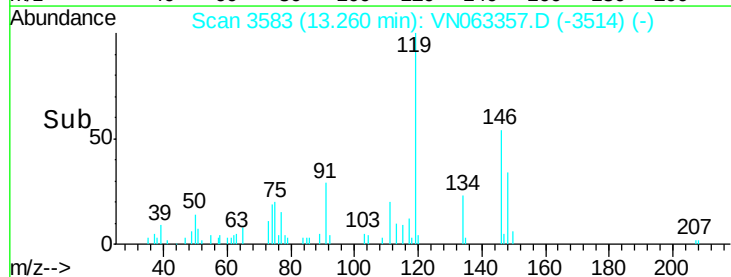
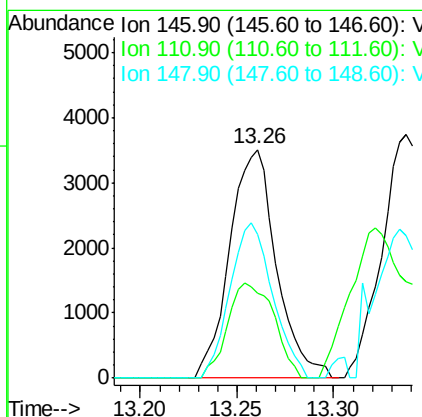
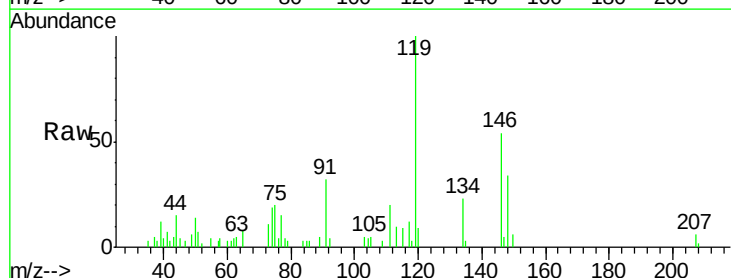
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

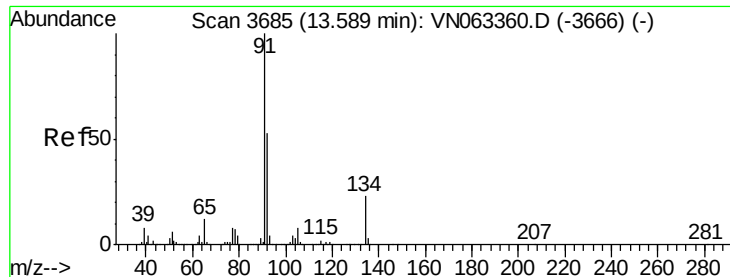
Tgt Ion:146 Resp: 5894
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.4 64.3
 148 62.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.894 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.08 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:146 Resp: 5894
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 62.1 31.9 95.9

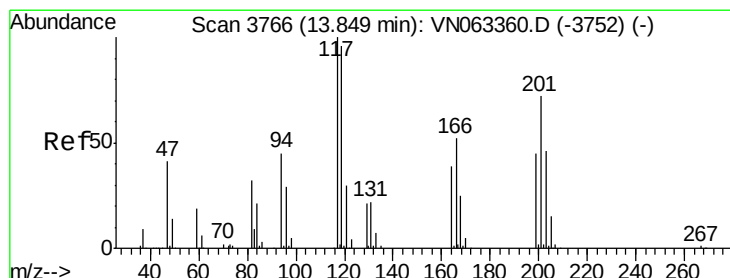
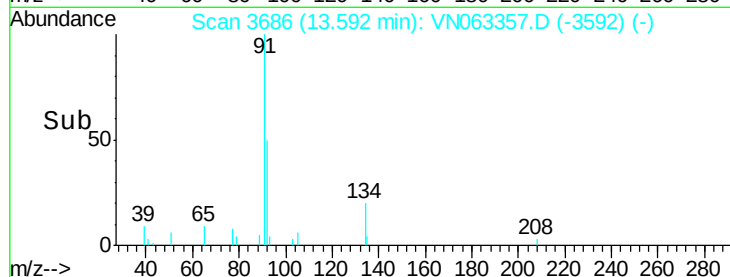
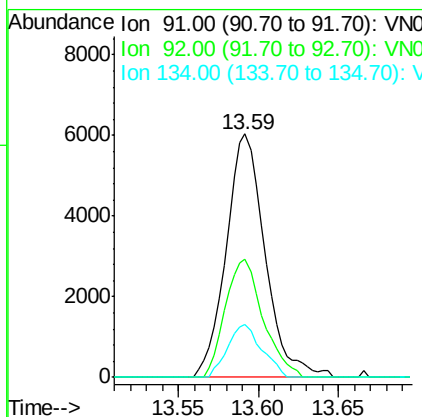
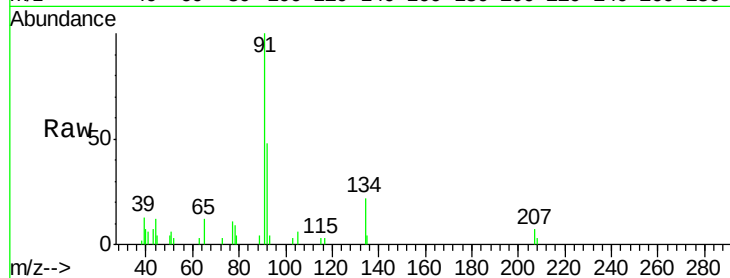




#89
n-Butylbenzene
Concen: 0.895 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

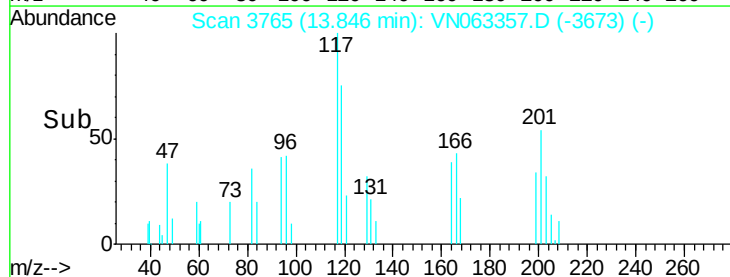
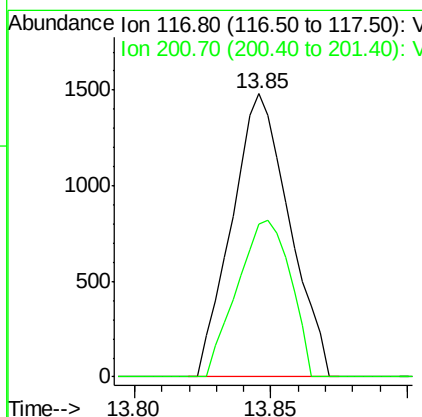
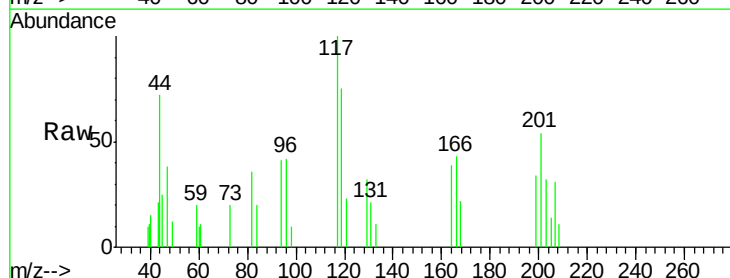
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

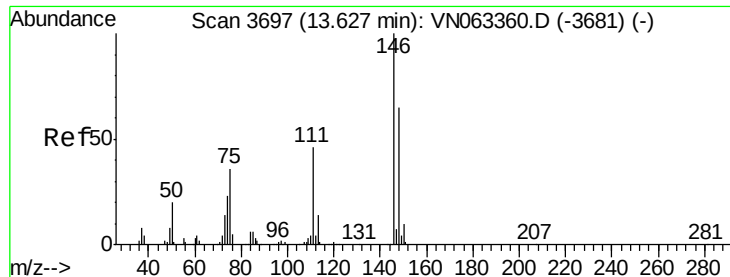
Tgt Ion: 91 Resp: 10002
Ion Ratio Lower Upper
91 100
92 46.9 26.0 78.0
134 18.9 11.7 35.0



#90
Hexachloroethane
Concen: 1.051 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN063357.D
Acq: 16 Sep 2020 10:34

Tgt Ion: 117 Resp: 2165
Ion Ratio Lower Upper
117 100
201 51.4 35.5 106.7

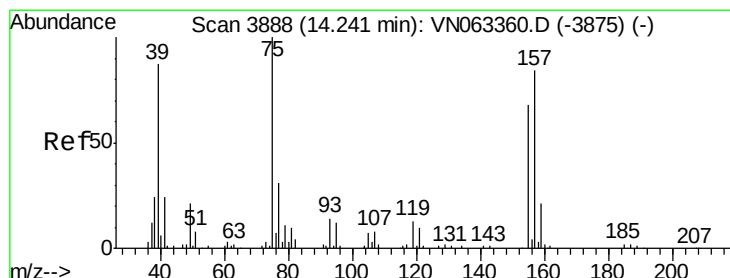
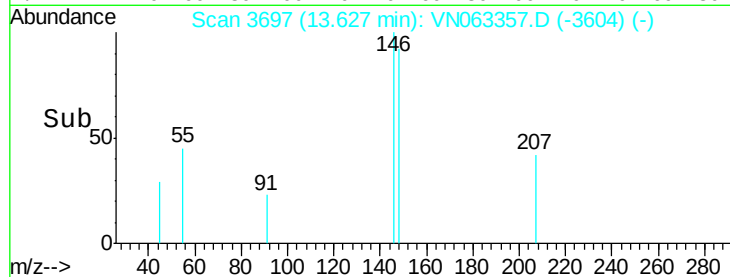
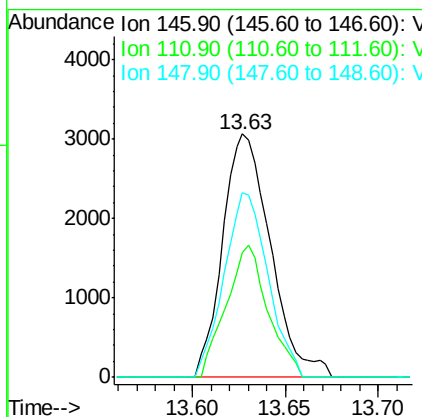
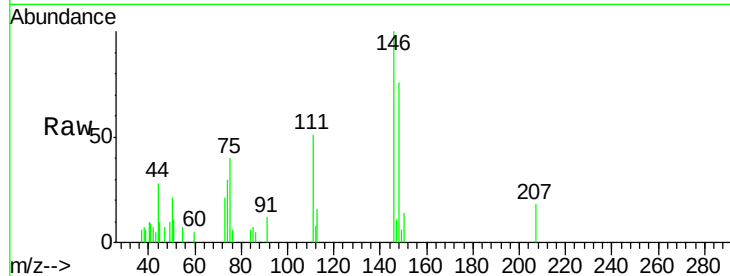




#91
 1,2-Dichlorobenzene
 Concen: 0.877 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

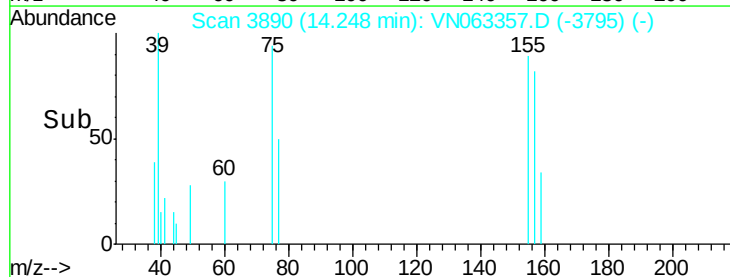
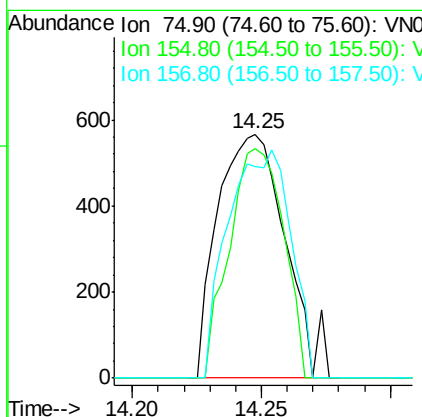
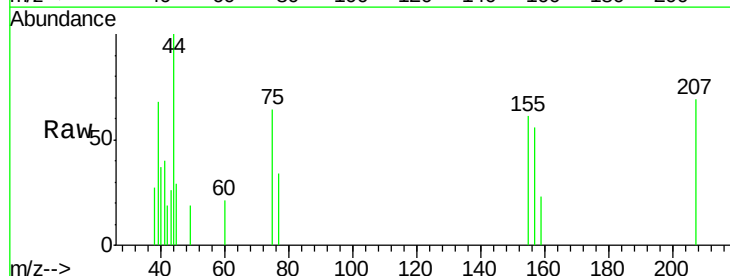
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

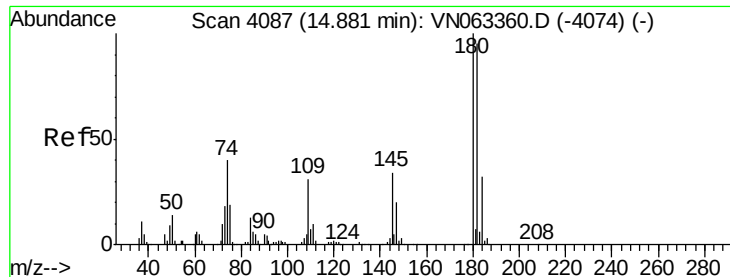
Tgt Ion: 146 Resp: 5501
 Ion Ratio Lower Upper
 146 100
 111 47.2 22.4 67.2
 148 69.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.034 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion: 75 Resp: 1034
 Ion Ratio Lower Upper
 75 100
 155 75.5 34.6 103.9
 157 87.0 43.7 131.1

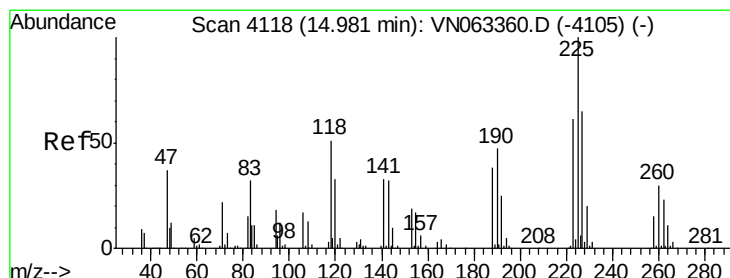
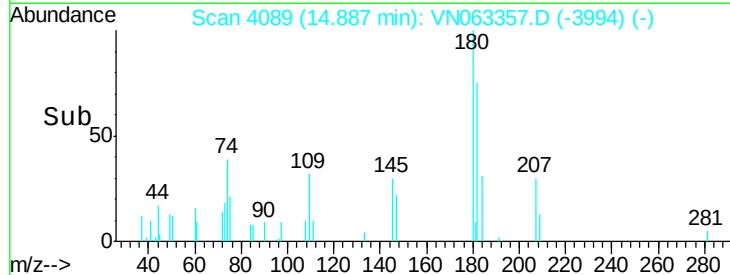
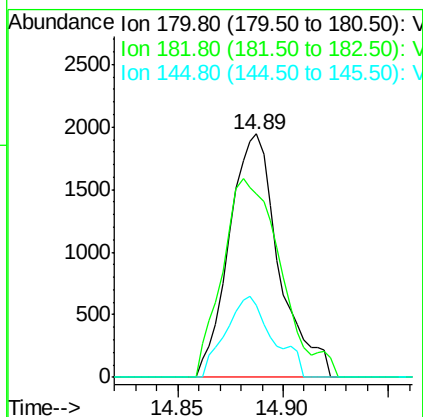
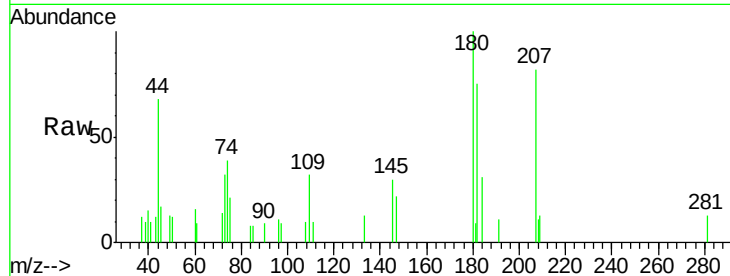




#93
 1,2,4-Trichlorobenzene
 Concen: 0.861 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

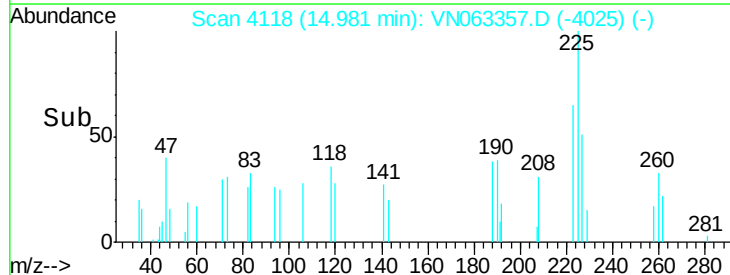
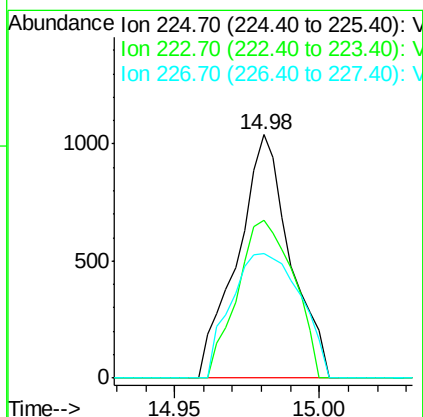
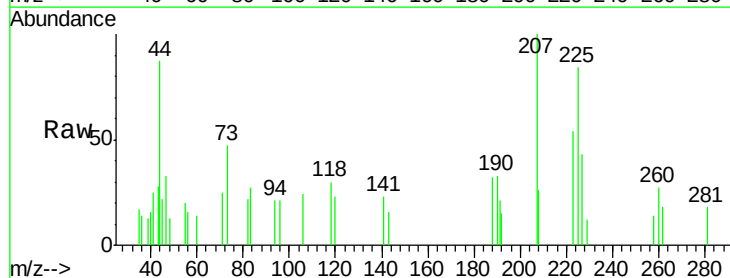
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

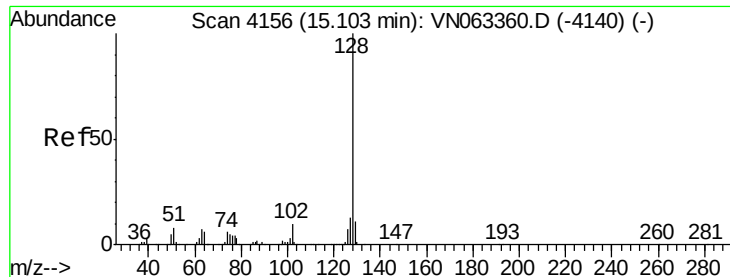
Tgt Ion:180 Resp: 3181
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 31.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 0.832 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063357.D
 Acq: 16 Sep 2020 10:34

Tgt Ion:225 Resp: 1316
 Ion Ratio Lower Upper
 225 100
 223 69.1 30.6 91.6
 227 67.3 31.2 93.6





#95

Naphthalene

Concen: 0.864 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

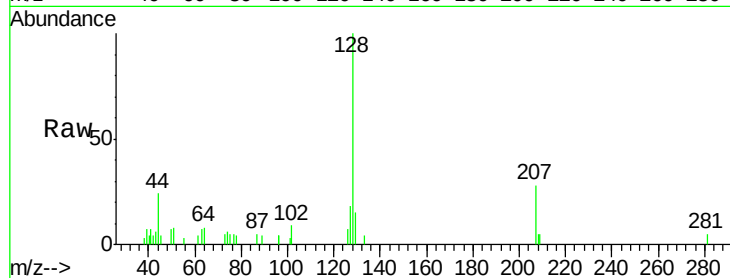
Tgt Ion:128 Resp: 10414

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

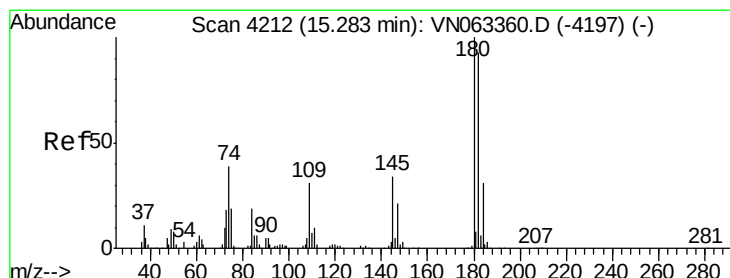
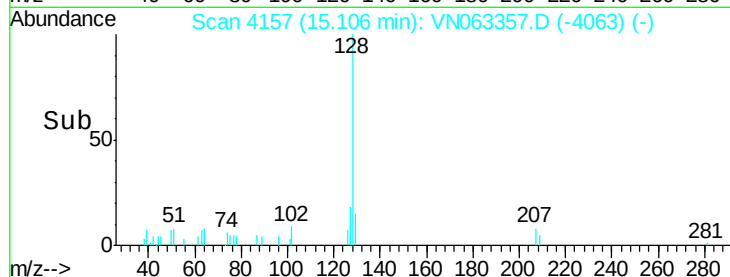
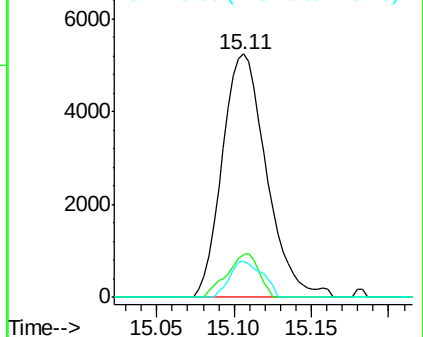
129 10.9 8.8 13.2



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: 0.889 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063357.D

Acq: 16 Sep 2020 10:34

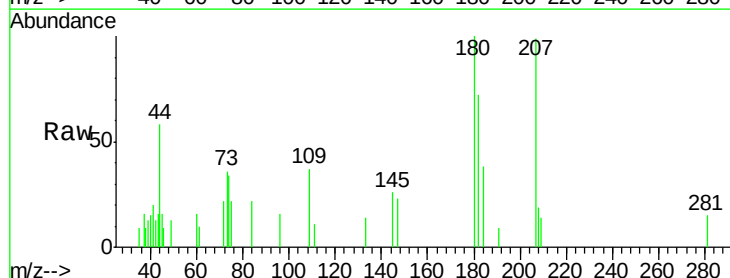
Tgt Ion:180 Resp: 3216

Ion Ratio Lower Upper

180 100

182 83.9 46.7 140.1

145 27.6 16.8 50.3



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

