

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063290.D
 Acq On : 10 Sep 2020 12:35
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 10 14:28:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	384969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	675955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	587058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244280	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	6275	1.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.04%	
35) Dibromofluoromethane	7.55	113	4297	1.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.00%	
50) Toluene-d8	10.06	98	15894	0.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.92%	
62) 4-Bromofluorobenzene	12.38	95	5611	0.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	4290	1.143 ug/l	93
3) Chloromethane	2.04	50	7903	1.447 ug/l	99
4) Vinyl Chloride	2.16	62	5741	0.970 ug/l #	86
5) Bromomethane	2.54	94	6225	1.303 ug/l	88
6) Chloroethane	2.68	64	3808	0.841 ug/l #	87
7) Trichlorofluoromethane	2.98	101	9075	1.015 ug/l	96
8) Diethyl Ether	3.37	74	3253	1.123 ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4692	1.138 ug/l	97
10) Methyl Iodide	3.91	142	6470	1.158 ug/l #	73
11) Tert butyl alcohol	4.73	59	4650	6.096 ug/l #	94
12) 1,1-Dichloroethene	3.69	96	4894	1.173 ug/l	91
13) Acrolein	3.57	56	2593	9.131 ug/l	91
14) Allyl chloride	4.27	41	11215	1.492 ug/l #	84
15) Acrylonitrile	4.93	53	4882	2.474 ug/l #	74
16) Acetone	3.78	43	13208	7.338 ug/l	97
17) Carbon Disulfide	4.01	76	18454	1.484 ug/l	96
18) Methyl Acetate	4.29	43	6267	1.366 ug/l #	84
19) Methyl tert-butyl Ether	4.98	73	16047	1.043 ug/l	93
20) Methylene Chloride	4.50	84	7669	1.435 ug/l	92
21) trans-1,2-Dichloroethene	5.00	96	3649	0.796 ug/l	94
22) Diisopropyl ether	5.89	45	17790	1.068 ug/l #	69
23) Vinyl Acetate	5.84	43	64842	4.891 ug/l	99
24) 1,1-Dichloroethane	5.79	63	5342	0.584 ug/l #	96
25) 2-Butanone	6.78	43	6623	2.394 ug/l #	89
26) 2,2-Dichloropropane	6.76	77	2620	0.316 ug/l #	42
27) cis-1,2-Dichloroethene	6.77	96	6509	1.169 ug/l	94
28) Bromochloromethane	7.15	49	5219	1.115 ug/l #	99
29) Tetrahydrofuran	7.16	42	10076	5.289 ug/l #	89
30) Chloroform	7.32	83	10054	1.055 ug/l	98
31) Cyclohexane	7.62	56	19144	2.227 ug/l #	54
32) 1,1,1-Trichloroethane	7.53	97	8617	1.052 ug/l #	53
36) 1,1-Dichloropropene	7.75	75	7909	1.216 ug/l	93
37) Ethyl Acetate	6.87	43	1151	0.207 ug/l #	37
38) Carbon Tetrachloride	7.72	117	7216	1.098 ug/l #	80

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	8317	1.144	ug/l #	91
40) Benzene	8.00	78	21744	1.146	ug/l	96
41) Methacrylonitrile	7.11	41	1529	0.544	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	8081	1.135	ug/l	91
43) Isopropyl Acetate	8.12	43	11776	1.112	ug/l #	94
44) Trichloroethene	8.80	130	6062	1.297	ug/l	99
45) 1,2-Dichloropropane	9.09	63	6016	1.187	ug/l #	88
46) Dibromomethane	9.17	93	4007	1.207	ug/l	93
47) Bromodichloromethane	9.37	83	8221	1.157	ug/l #	94
48) Methyl methacrylate	9.17	41	5734	1.196	ug/l	92
49) 1,4-Dioxane	9.17	88	2187	29.640	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	33045	5.735	ug/l	98
52) Toluene	10.13	92	13128	1.115	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	8409	1.087	ug/l #	87
54) cis-1,3-Dichloropropene	9.81	75	8781	1.069	ug/l #	80
55) 1,1,2-Trichloroethane	10.54	97	5244	1.160	ug/l #	87
56) Ethyl methacrylate	10.40	69	6631	0.962	ug/l	99
57) 1,3-Dichloropropane	10.68	76	8697	1.083	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	24883	7.017	ug/l	99
59) 2-Hexanone	10.73	43	24074	5.923	ug/l	97
60) Dibromochloromethane	10.87	129	5186	1.038	ug/l	98
61) 1,2-Dibromoethane	10.98	107	5635	1.204	ug/l	88
64) Tetrachloroethene	10.60	164	5415	1.257	ug/l	97
65) Chlorobenzene	11.41	112	14577	1.235	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	4791	1.099	ug/l #	64
67) Ethyl Benzene	11.49	91	24450	1.136	ug/l	99
68) m/p-Xylenes	11.59	106	17470	2.199	ug/l	95
69) o-Xylene	11.92	106	8585	1.118	ug/l	99
70) Styrene	11.94	104	13385	1.018	ug/l	99
71) Bromoform	12.10	173	3156	1.061	ug/l #	85
73) Isopropylbenzene	12.22	105	22877	1.231	ug/l	98
74) N-amyl acetate	12.05	43	6355	0.819	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	6720	1.259	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	8764	1.677	ug/l #	100
77) Bromobenzene	12.50	156	5652	1.339	ug/l	98
78) n-propylbenzene	12.57	91	25000	1.163	ug/l	97
79) 2-Chlorotoluene	12.65	91	16040	1.242	ug/l	95
80) 1,3,5-Trimethylbenzene	12.71	105	18130	1.167	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.26	75	702	0.357	ug/l #	1
82) 4-Chlorotoluene	12.75	91	17668	1.321	ug/l	94
83) tert-Butylbenzene	12.97	119	16564	1.249	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	18322	1.170	ug/l	98
85) sec-Butylbenzene	13.15	105	19086	1.110	ug/l	91
86) p-Isopropyltoluene	13.27	119	18171	1.187	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	9882	1.277	ug/l	99
88) 1,4-Dichlorobenzene	13.26	146	9882	1.238	ug/l	100
89) n-Butylbenzene	13.59	91	16156	1.141	ug/l	99
90) Hexachloroethane	13.85	117	2446	0.867	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	9520	1.267	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1436	1.201	ug/l	88

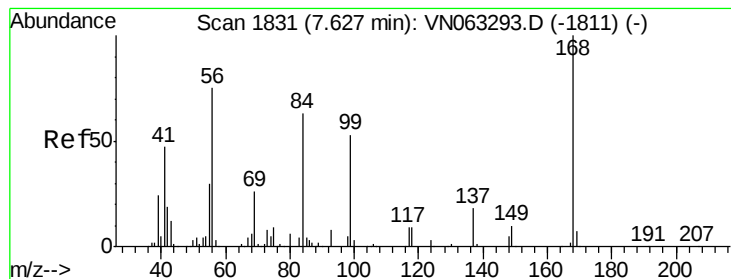
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	6084	1.433	ug/l	98
94) Hexachlorobutadiene	14.98	225	3538	2.205	ug/l	94
95) Naphthalene	15.11	128	22375	1.611	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	6485	1.568	ug/l	94

(#) = 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: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

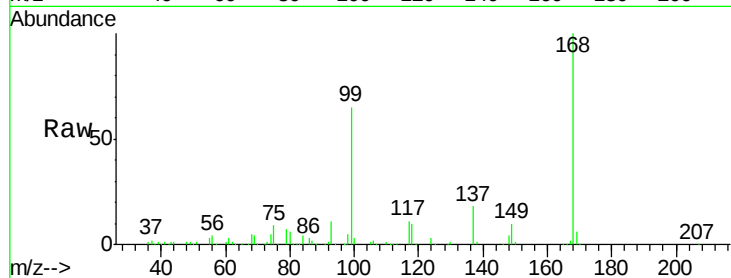
VSTDIC001

Tgt Ion:168 Resp: 384969

Ion Ratio Lower Upper

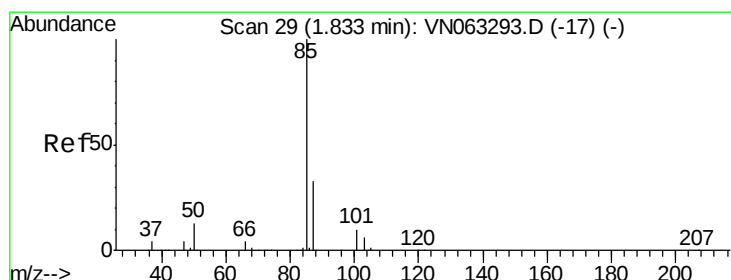
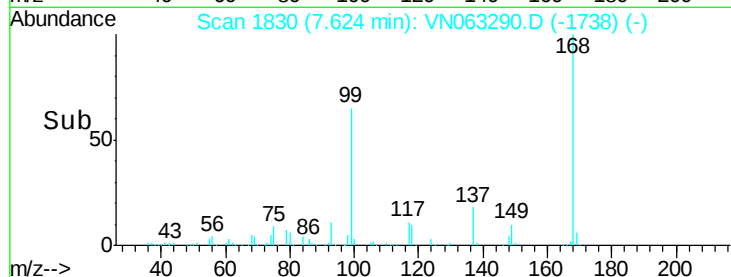
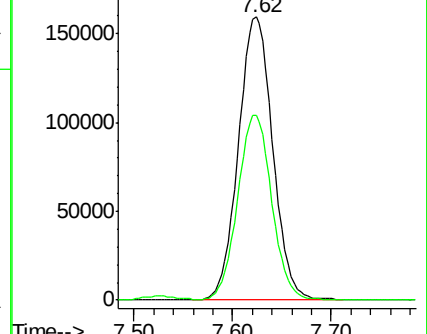
168 100

99 65.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.143 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063290.D

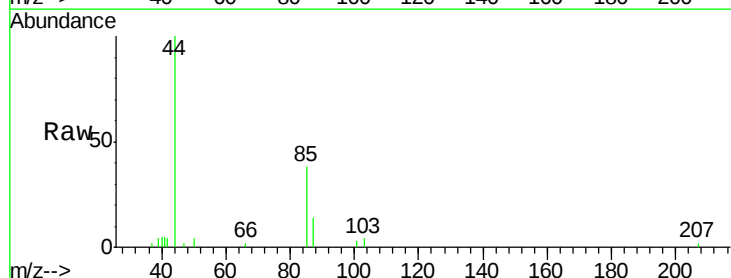
Acq: 10 Sep 2020 12:35

Tgt Ion: 85 Resp: 4290

Ion Ratio Lower Upper

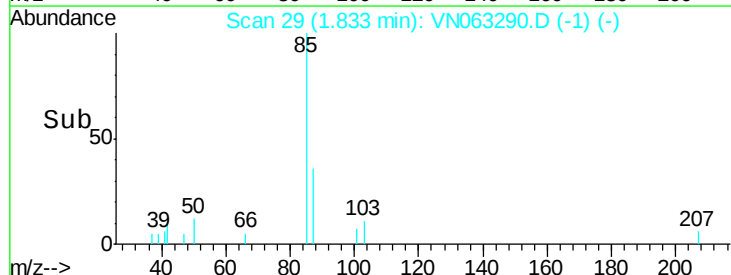
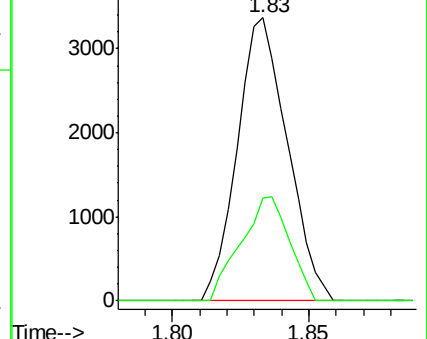
85 100

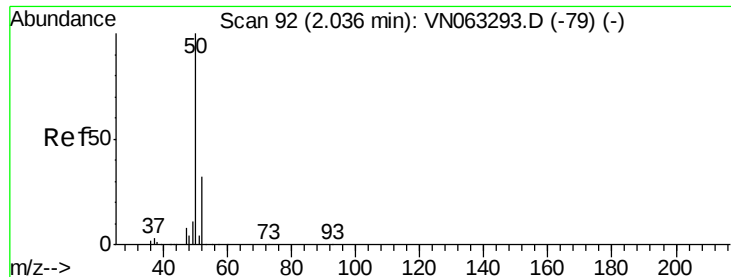
87 36.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.447 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

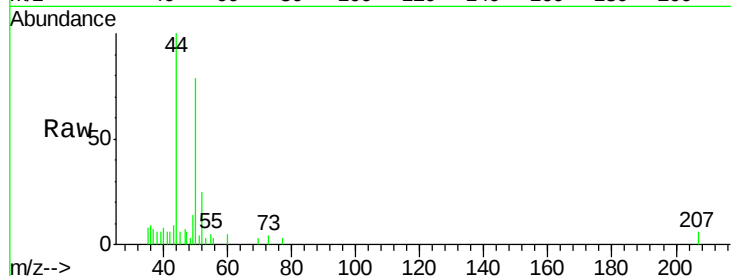
VSTDIC001

Tgt Ion: 50 Resp: 7903

Ion Ratio Lower Upper

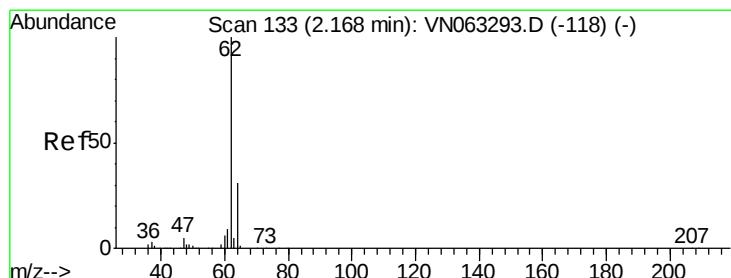
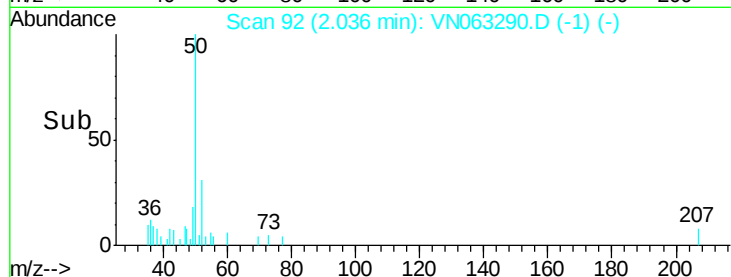
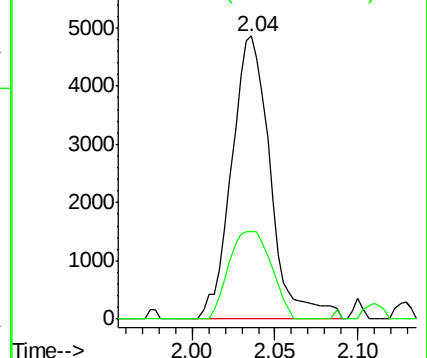
50 100

52 31.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.970 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063290.D

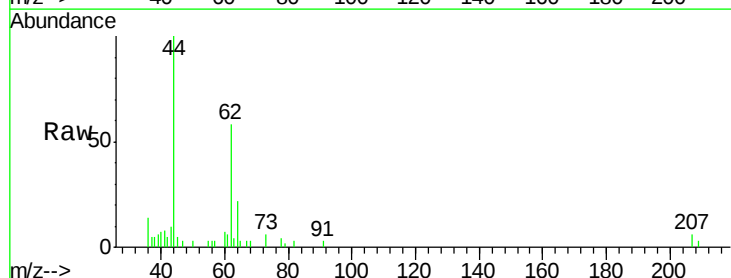
Acq: 10 Sep 2020 12:35

Tgt Ion: 62 Resp: 5741

Ion Ratio Lower Upper

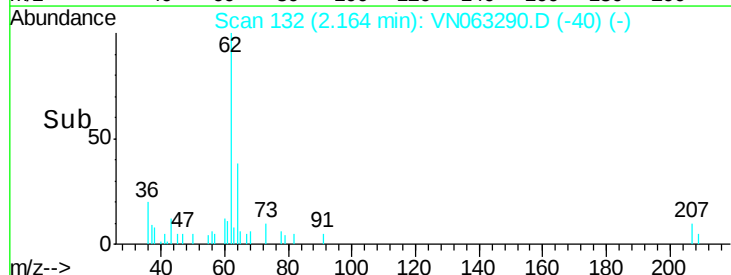
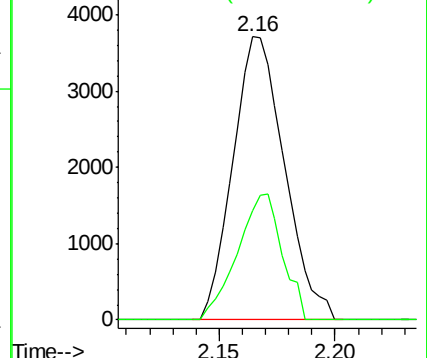
62 100

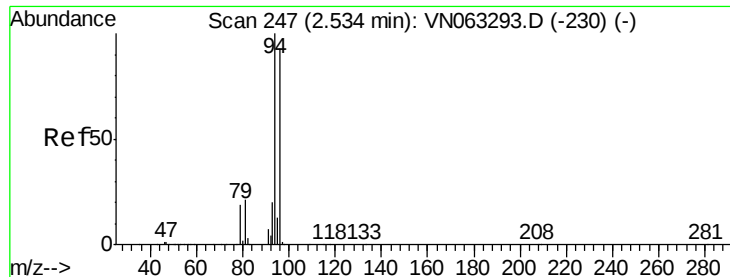
64 38.5 24.6 37.0#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.303 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

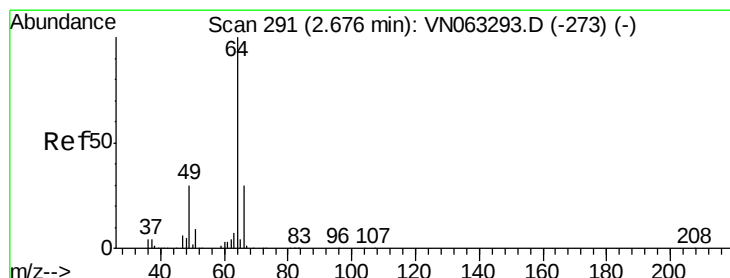
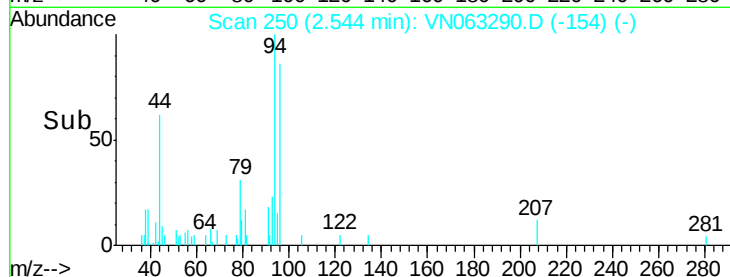
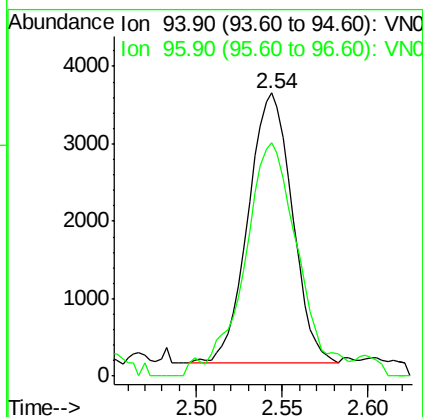
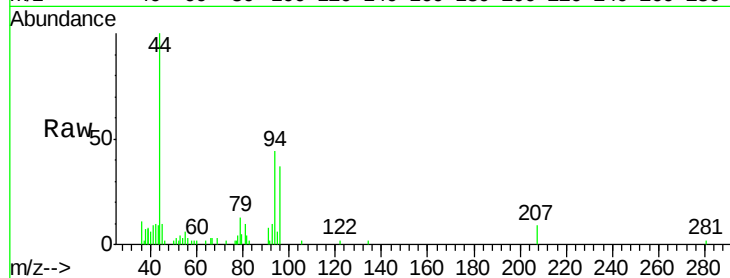
VSTDIC001

Tgt Ion: 94 Resp: 6225

Ion Ratio Lower Upper

94 100

96 81.8 74.3 111.5



#6

Chloroethane

Concen: 0.841 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063290.D

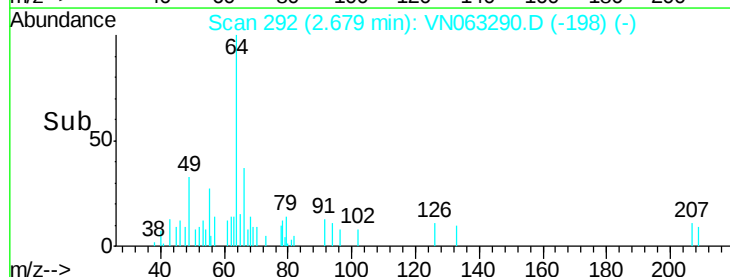
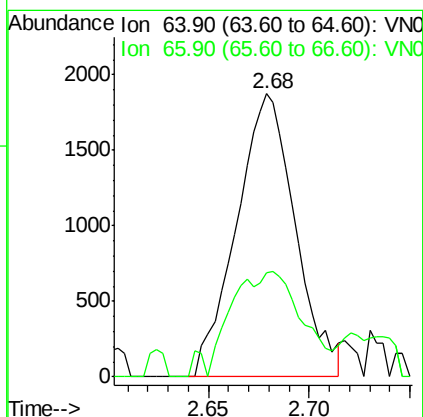
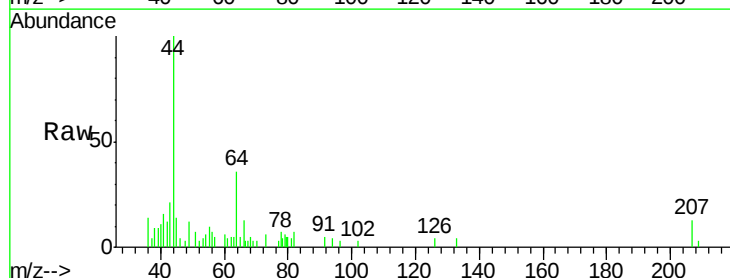
Acq: 10 Sep 2020 12:35

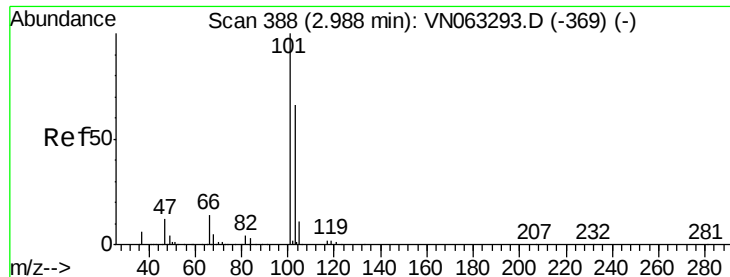
Tgt Ion: 64 Resp: 3808

Ion Ratio Lower Upper

64 100

66 37.0 23.8 35.6#





#7

Trichlorofluoromethane

Concen: 1.015 ug/l

RT: 2.98 min Scan# 387

Delta R.T. -0.00 min

Lab File: VN063290.D

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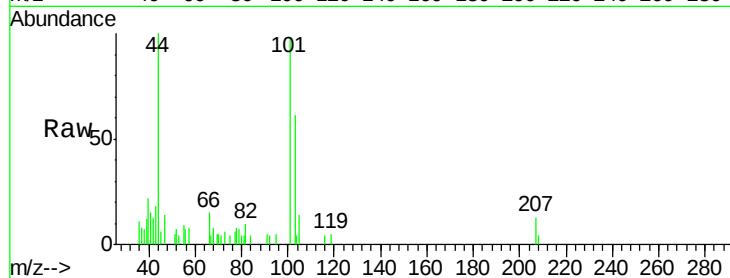
VSTDIC001

Tgt Ion:101 Resp: 9075

Ion Ratio Lower Upper

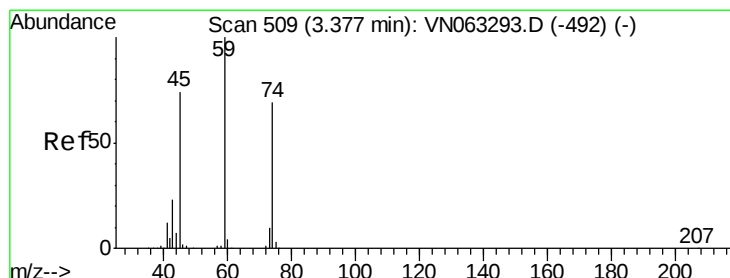
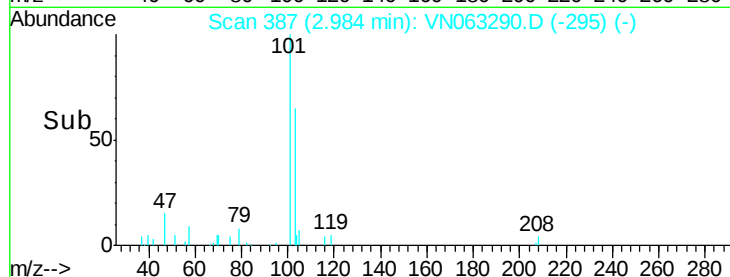
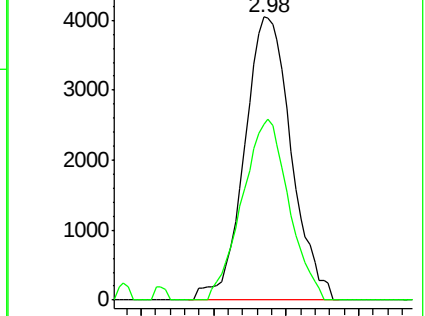
101 100

103 62.1 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.123 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063290.D

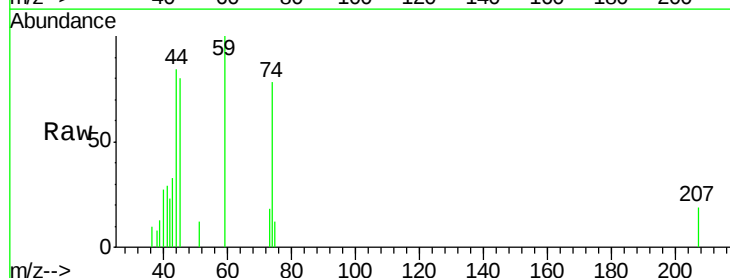
Acq: 10 Sep 2020 12:35

Tgt Ion: 74 Resp: 3253

Ion Ratio Lower Upper

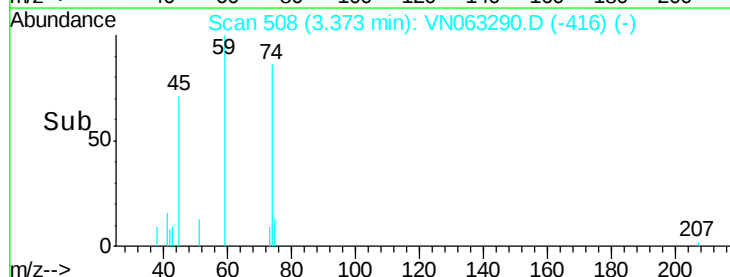
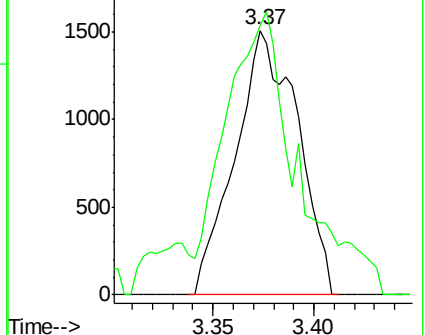
74 100

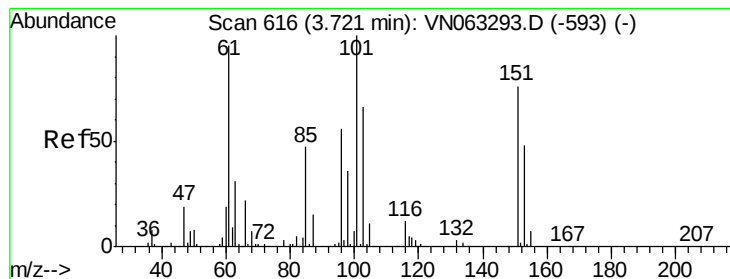
45 123.2 52.7 158.1



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.138 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

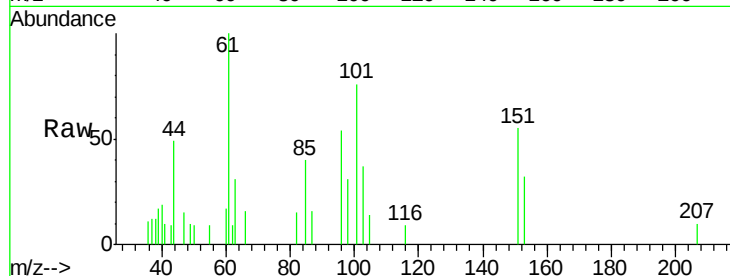
Tgt Ion:101 Resp: 4692

Ion Ratio Lower Upper

101 100

85 47.0 36.9 55.3

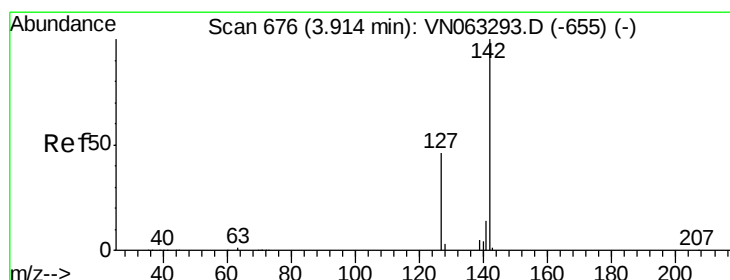
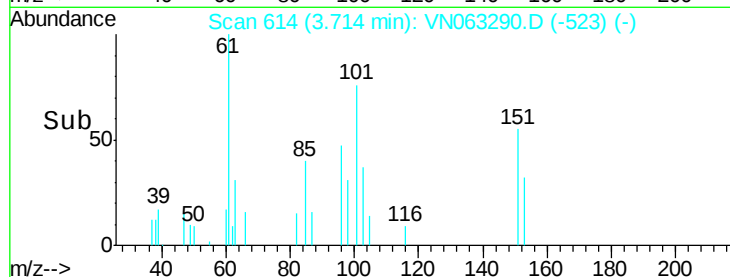
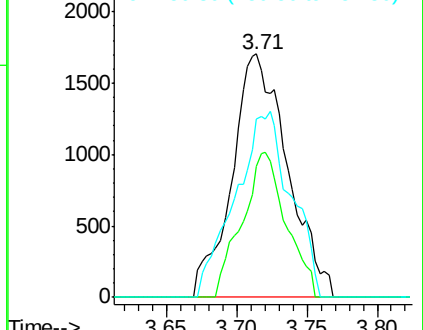
151 76.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.158 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

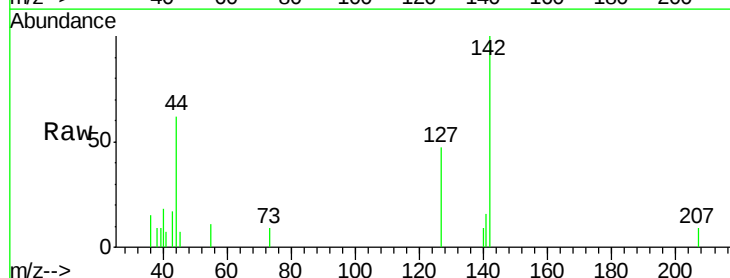
Tgt Ion:142 Resp: 6470

Ion Ratio Lower Upper

142 100

127 23.5 37.1 55.7#

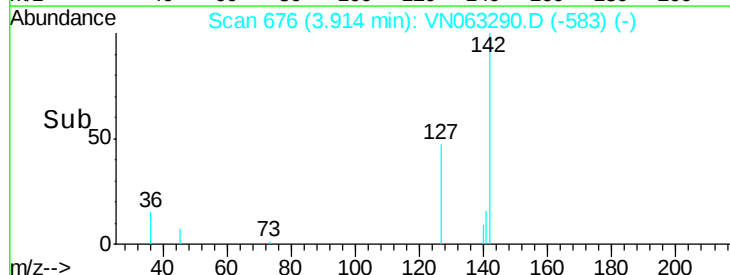
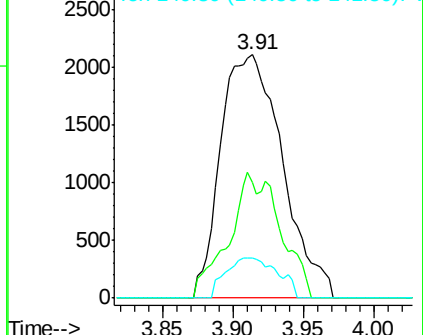
141 13.9 11.6 17.4

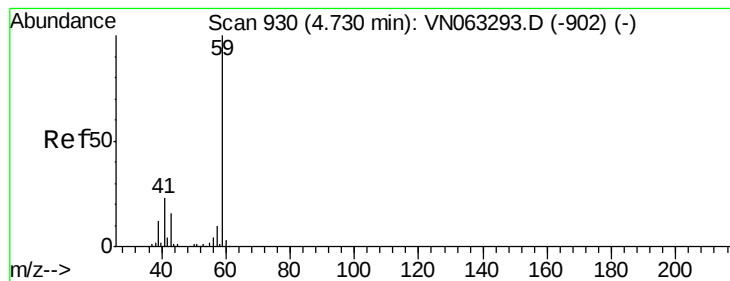


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 6.096 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

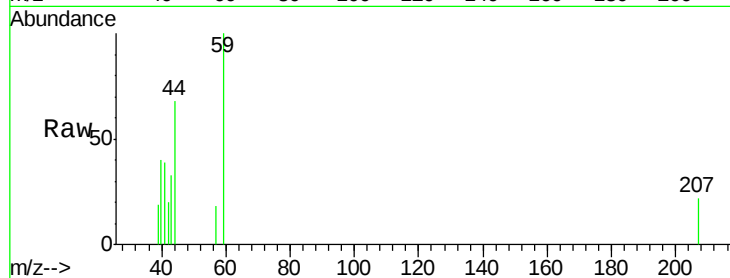
VSTDIC001

Tgt Ion: 59 Resp: 4650

Ion Ratio Lower Upper

59 100

57 8.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

1500

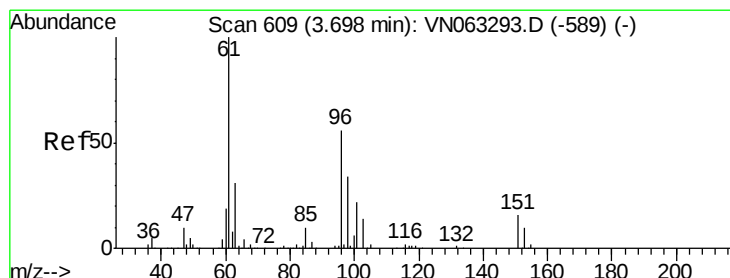
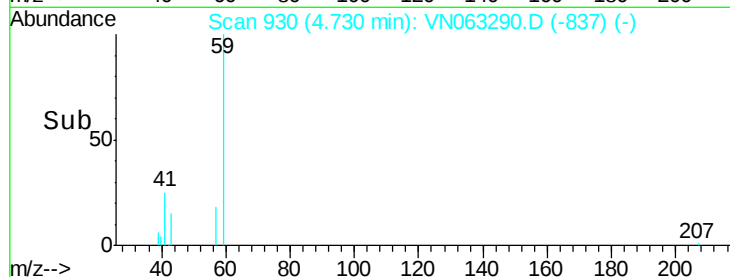
1000

500

0

Time-->

4.65 4.70 4.75 4.80



#12

1,1-Dichloroethene

Concen: 1.173 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

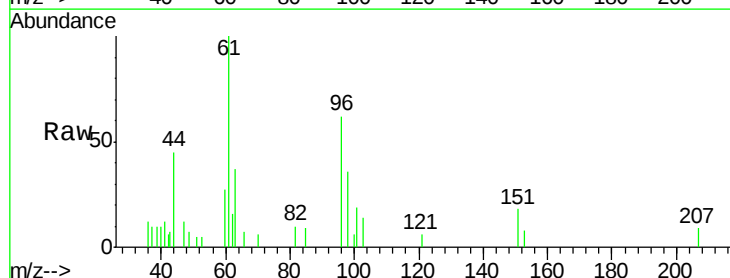
Tgt Ion: 96 Resp: 4894

Ion Ratio Lower Upper

96 100

61 162.0 142.1 213.1

98 57.8 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

4000

3000

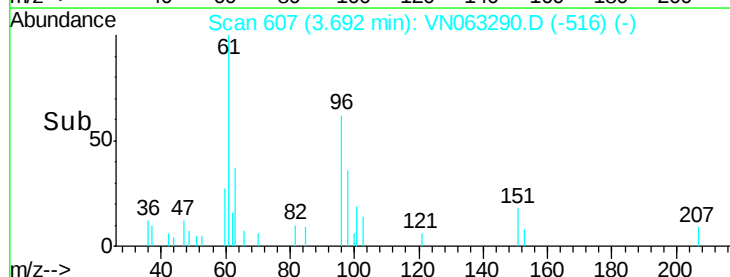
2000

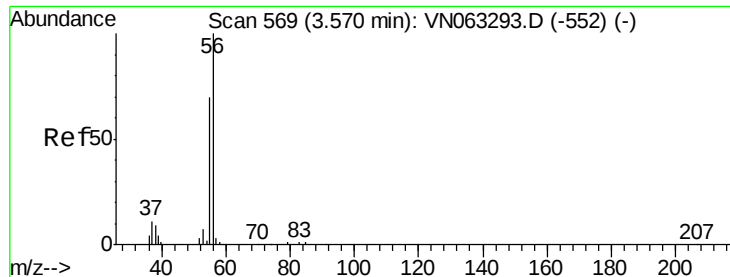
1000

0

Time-->

3.65 3.70 3.75





#13

Acrolein

Concen: 9.131 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

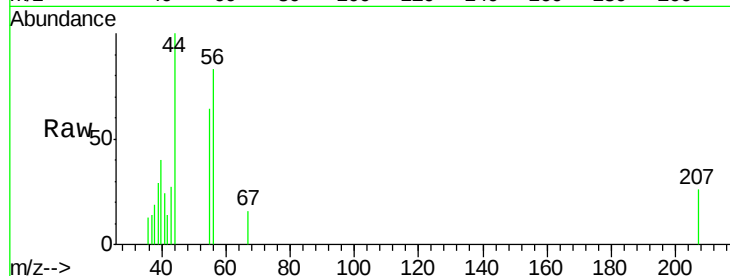
VSTDIC001

Tgt Ion: 56 Resp: 2593

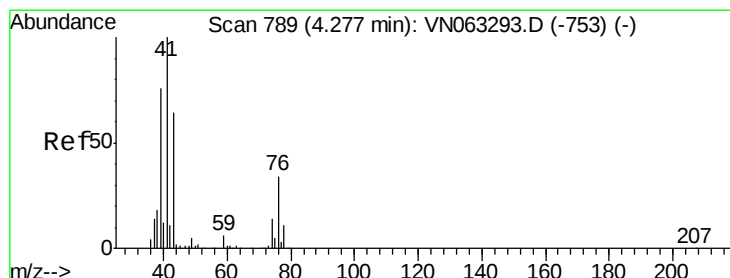
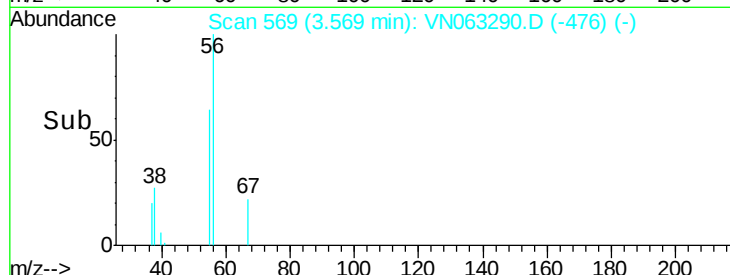
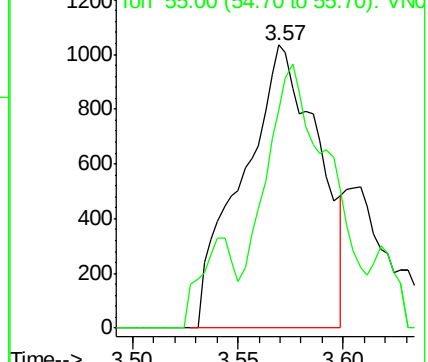
Ion Ratio Lower Upper

56 100

55 79.4 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN063293.D (-552) (-)



#14

Allyl chloride

Concen: 1.492 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

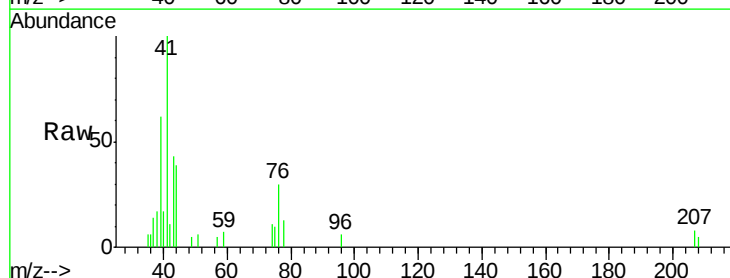
Tgt Ion: 41 Resp: 11215

Ion Ratio Lower Upper

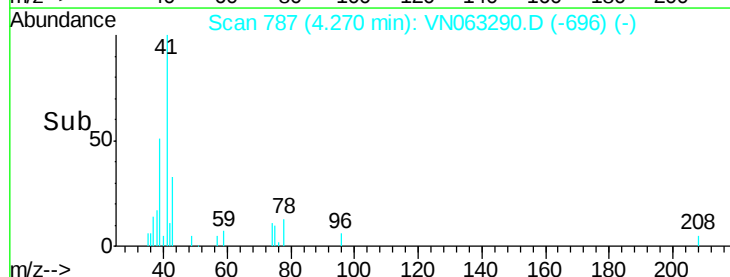
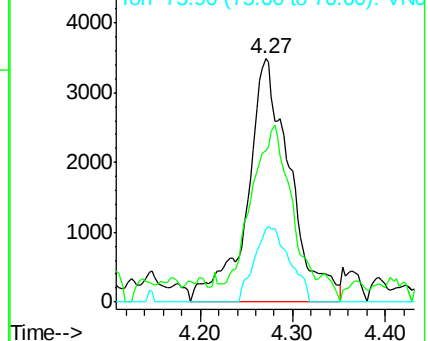
41 100

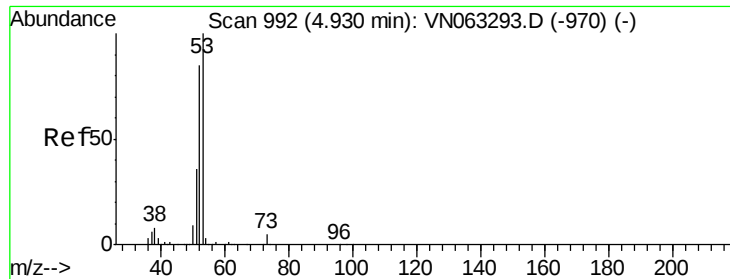
39 56.5 57.4 86.2#

76 25.4 25.7 38.5#



Abundance Ion 41.00 (40.70 to 41.70): VN063293.D (-753) (-)





#15

Acrylonitrile

Concen: 2.474 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

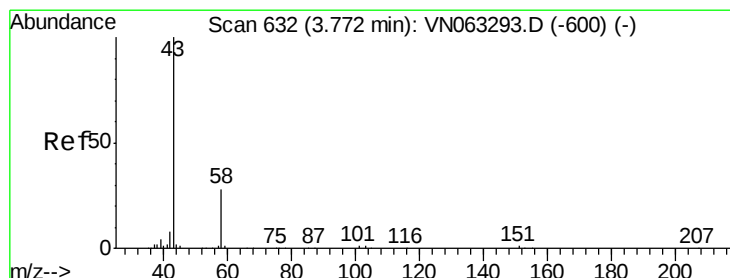
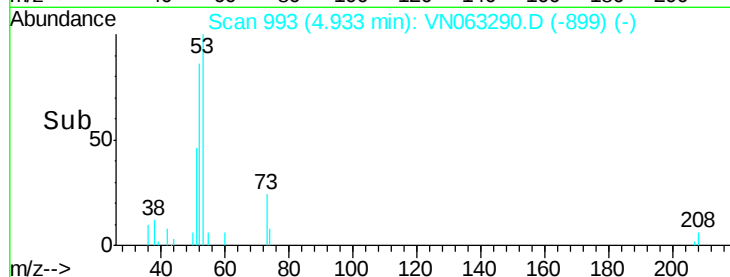
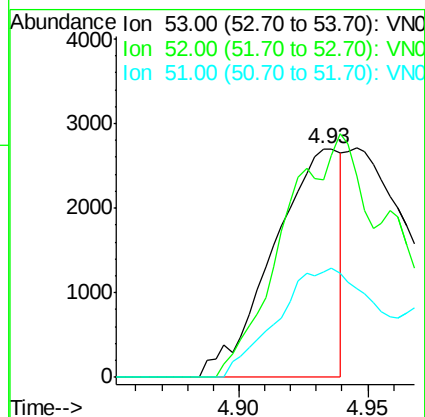
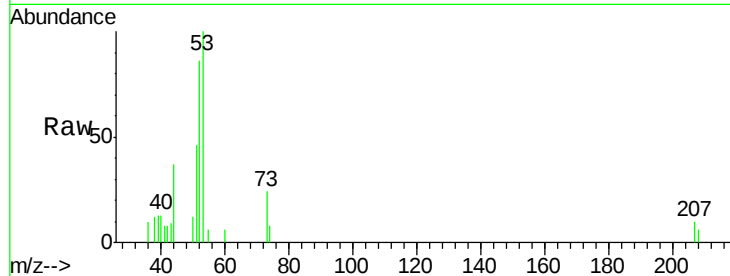
Tgt Ion: 53 Resp: 4882

Ion Ratio Lower Upper

53 100

52 70.3 66.5 99.7

51 69.5 29.8 44.6#



#16

Acetone

Concen: 7.338 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063290.D

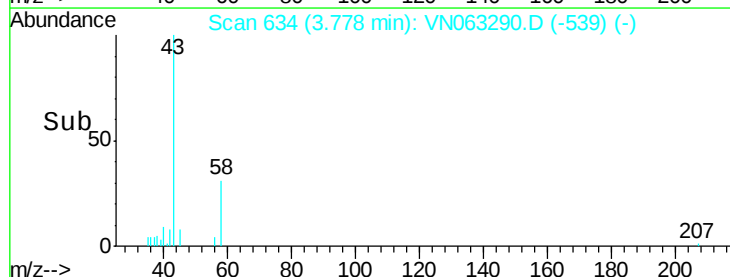
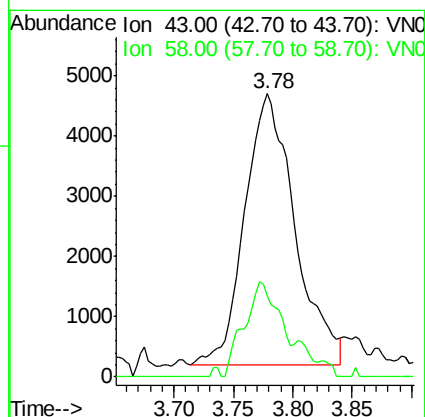
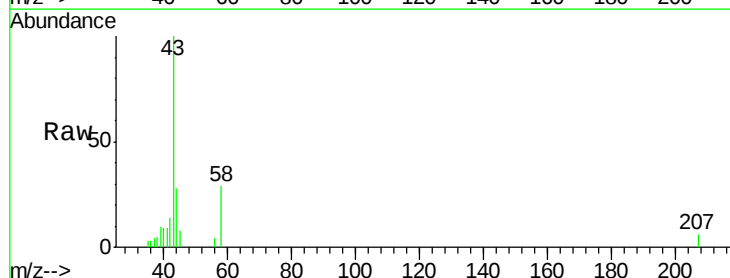
Acq: 10 Sep 2020 12:35

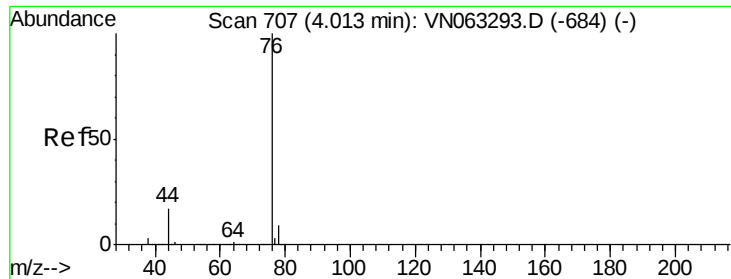
Tgt Ion: 43 Resp: 13208

Ion Ratio Lower Upper

43 100

58 30.1 22.6 34.0

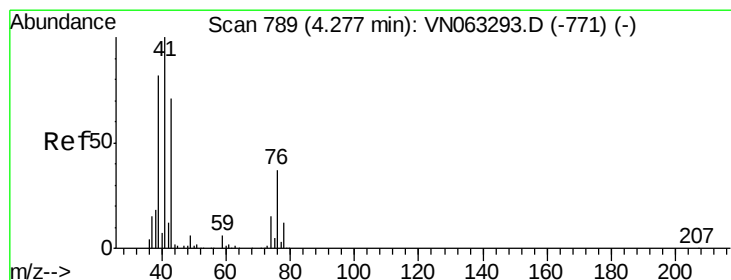
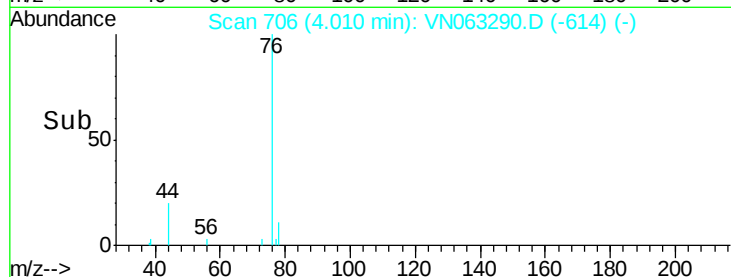
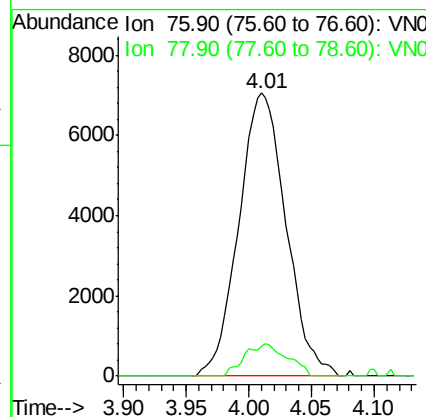
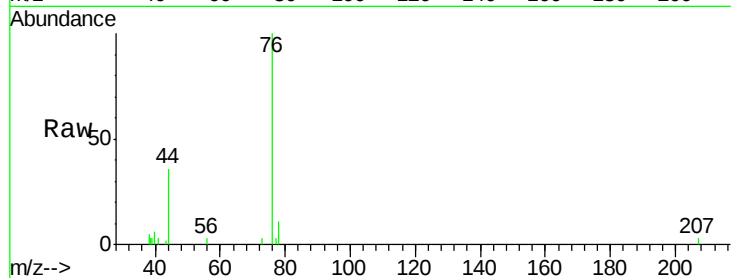




#17
Carbon Disulfide
Concen: 1.484 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

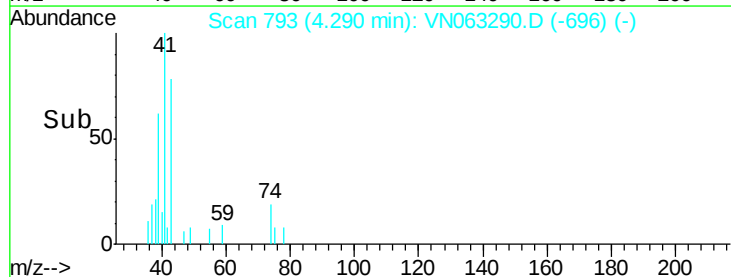
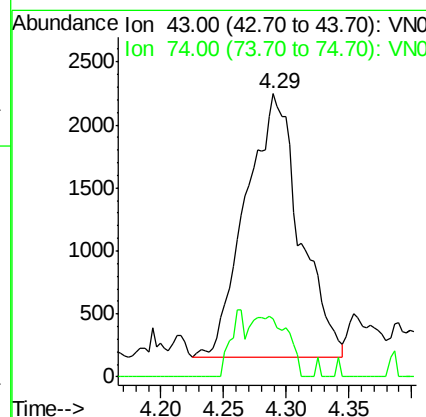
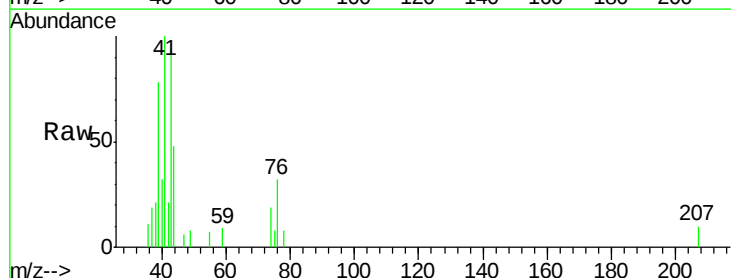
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

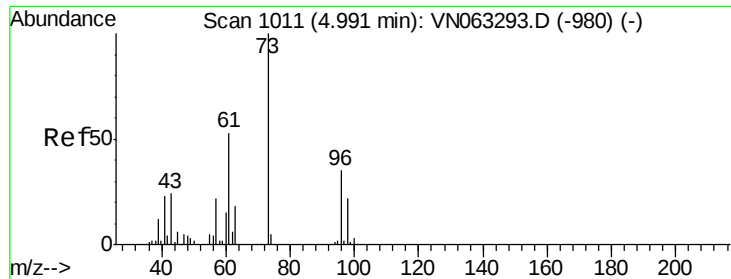
Tgt Ion: 76 Resp: 18454
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#18
Methyl Acetate
Concen: 1.366 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 43 Resp: 6267
Ion Ratio Lower Upper
43 100
74 14.6 17.8 26.6#

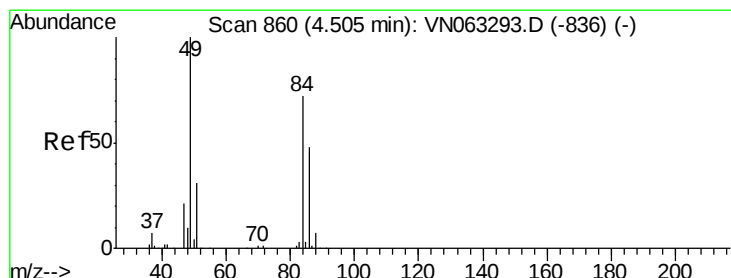
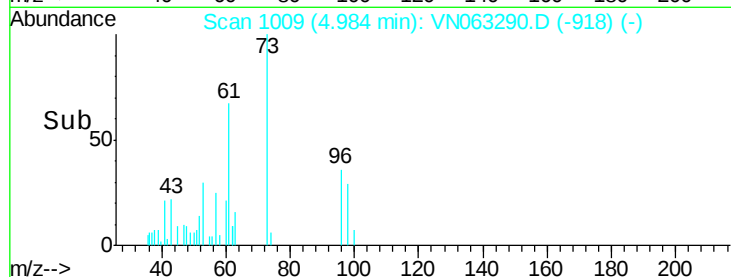
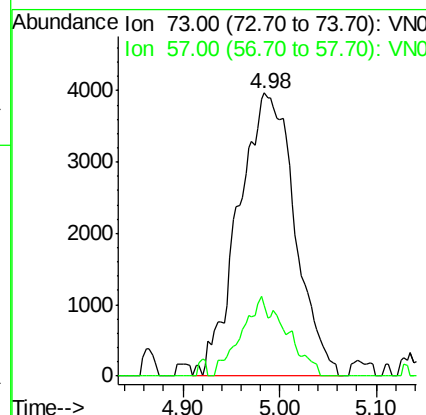
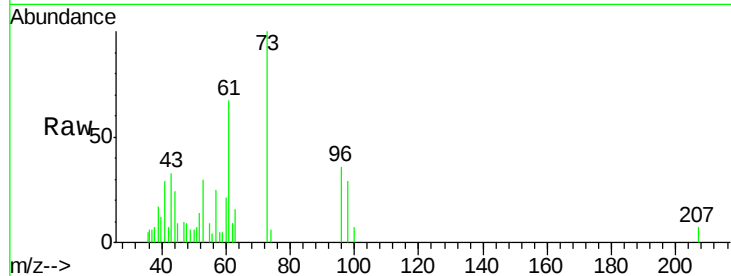




#19
Methyl tert-butyl Ether
Concen: 1.043 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

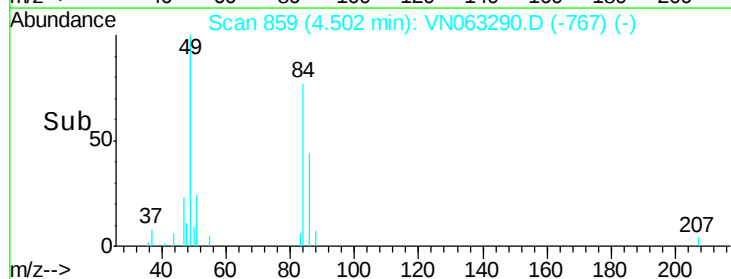
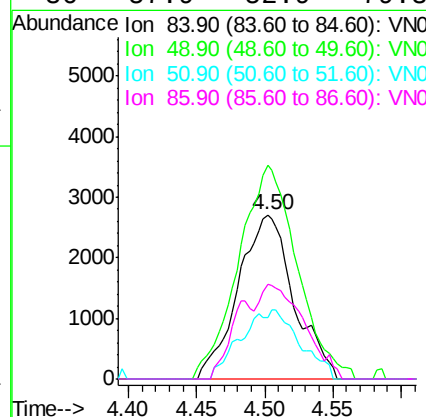
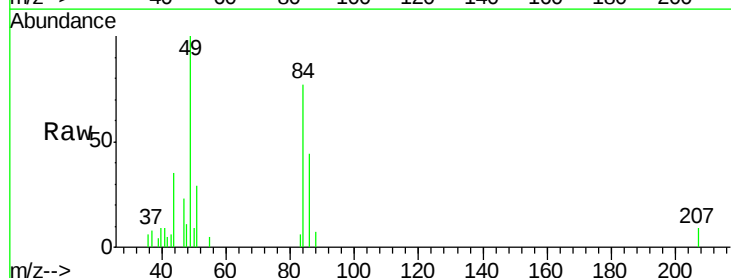
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

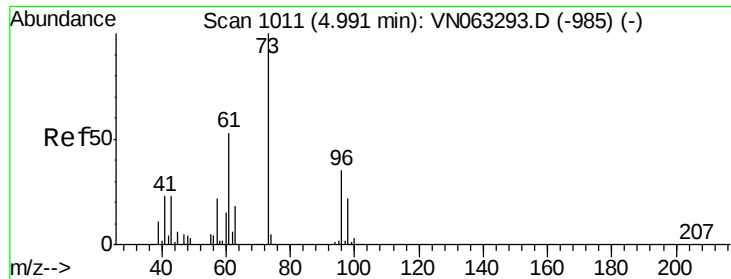
Tgt Ion: 73 Resp: 16047
Ion Ratio Lower Upper
73 100
57 25.0 17.5 26.3



#20
Methylene Chloride
Concen: 1.435 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 84 Resp: 7669
Ion Ratio Lower Upper
84 100
49 130.2 111.1 166.7
51 37.3 34.3 51.5
86 57.9 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 0.796 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

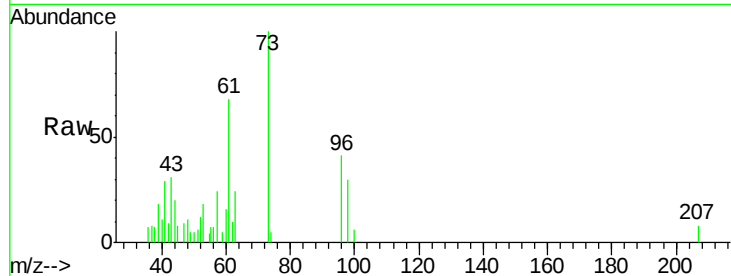
Tgt Ion: 96 Resp: 3649

Ion Ratio Lower Upper

96 100

61 147.4 121.8 182.8

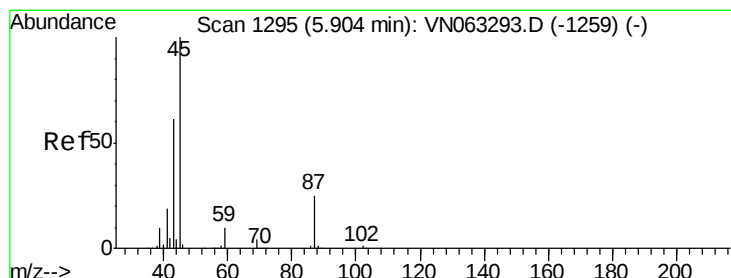
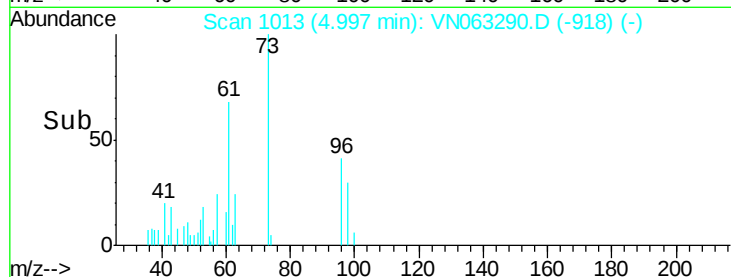
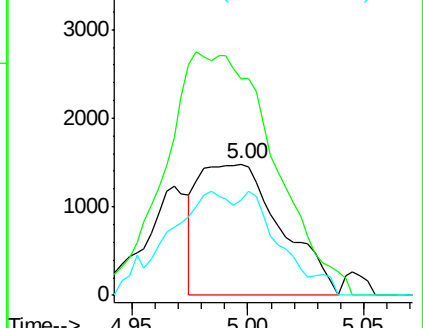
98 72.1 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN063290.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063290.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063290.D (-918) (-)



#22

Diisopropyl ether

Concen: 1.068 ug/l

RT: 5.89 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Tgt Ion: 45 Resp: 17790

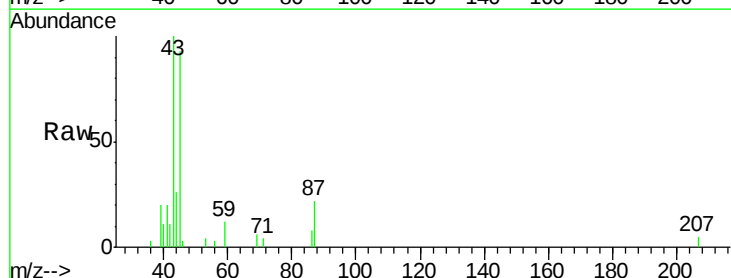
Ion Ratio Lower Upper

45 100

43 98.4 50.3 75.5#

87 23.5 20.7 31.1

59 13.1 8.4 12.6#

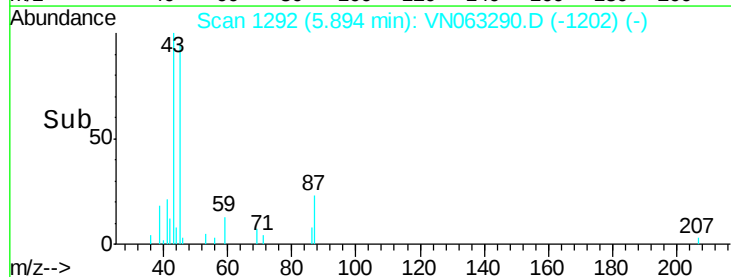
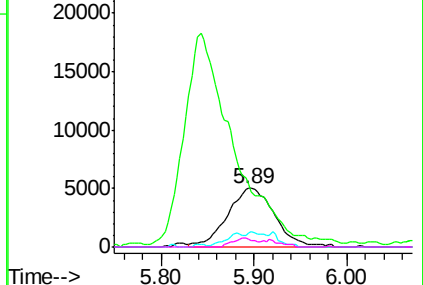


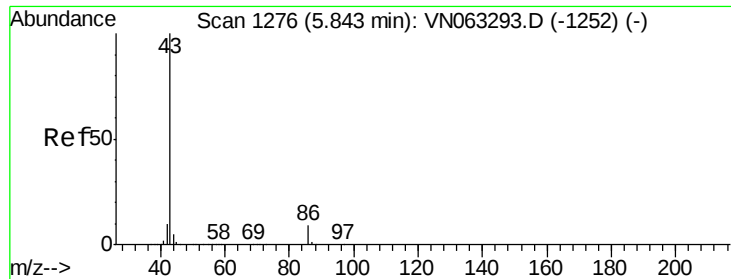
Abundance Ion 45.00 (44.70 to 45.70): VN063290.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN063290.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN063290.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN063290.D (-1202) (-)





#23

Vinyl Acetate

Concen: 4.891 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

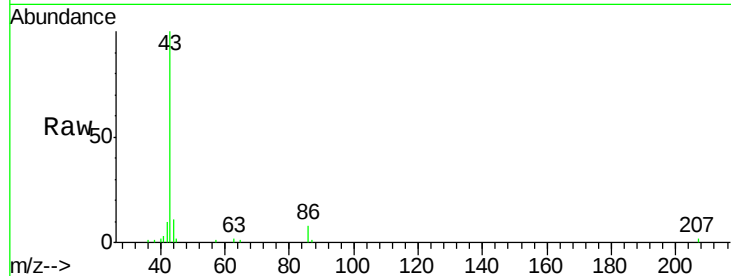
VSTDIC001

Tgt Ion: 43 Resp: 64842

Ion Ratio Lower Upper

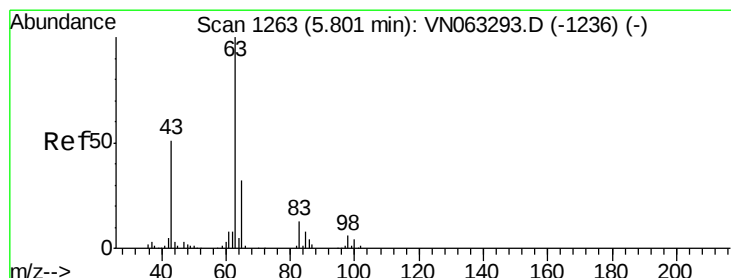
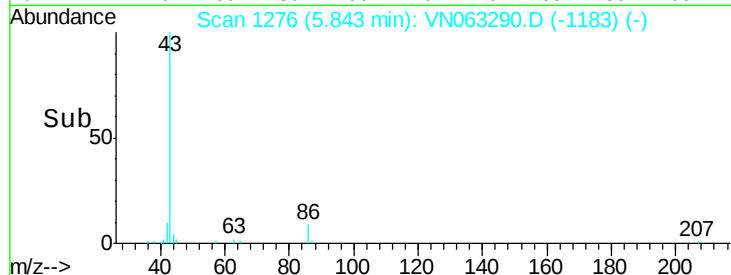
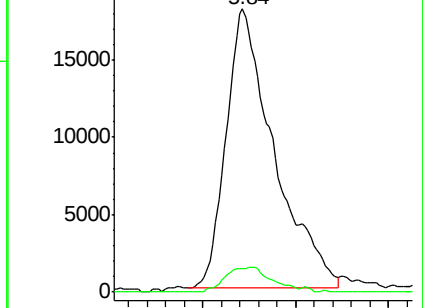
43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063290.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063290.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 0.584 ug/l

RT: 5.79 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

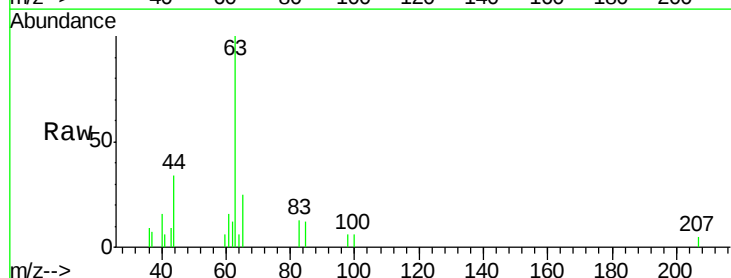
Tgt Ion: 63 Resp: 5342

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

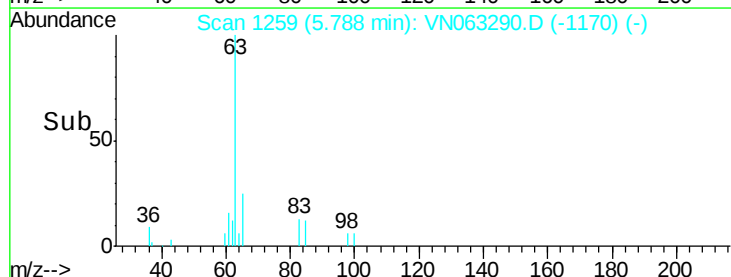
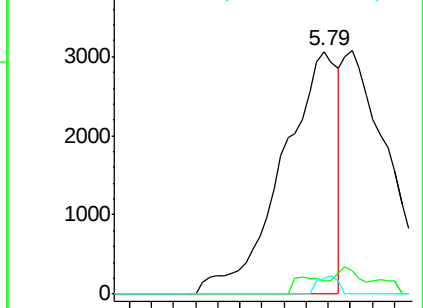
100 6.4 2.0 6.0#

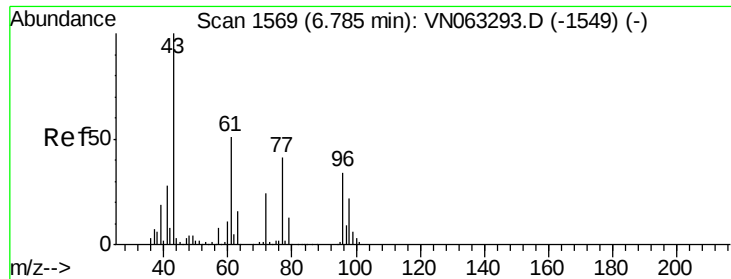


Abundance Ion 62.90 (62.60 to 63.60): VN063290.D (-1170) (-)

Ion 97.90 (97.60 to 98.60): VN063290.D (-1170) (-)

Ion 99.90 (99.60 to 100.60): VN063290.D (-1170) (-)

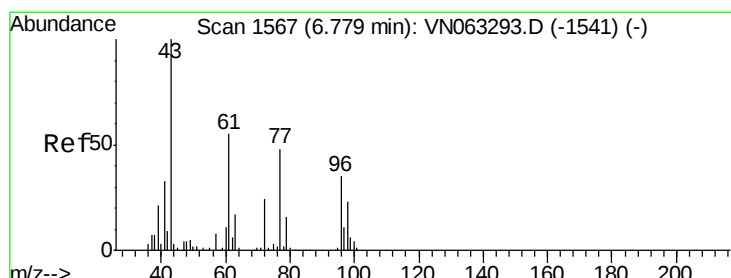
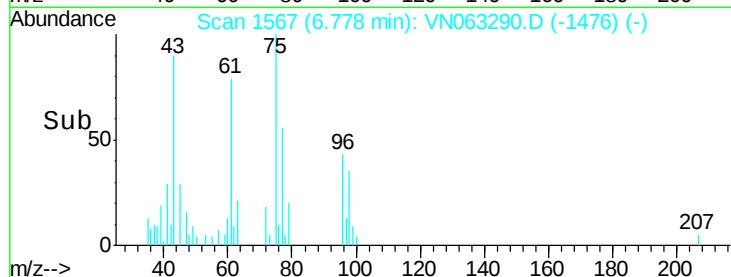
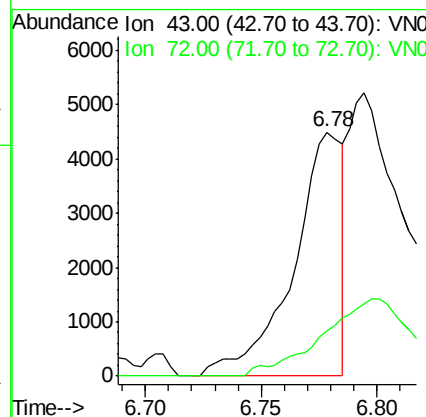
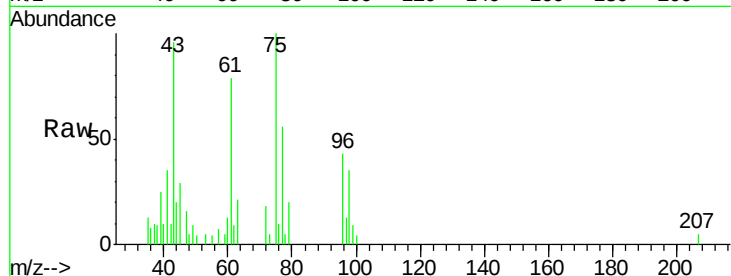




#25
 2-Butanone
 Concen: 2.394 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

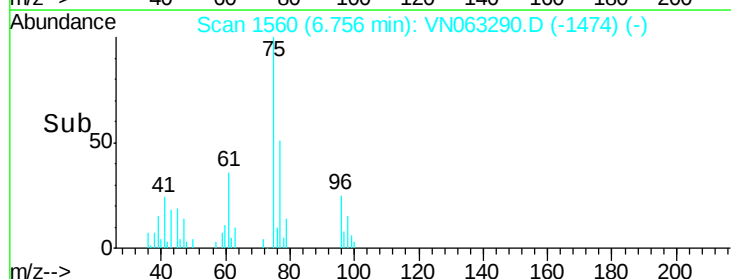
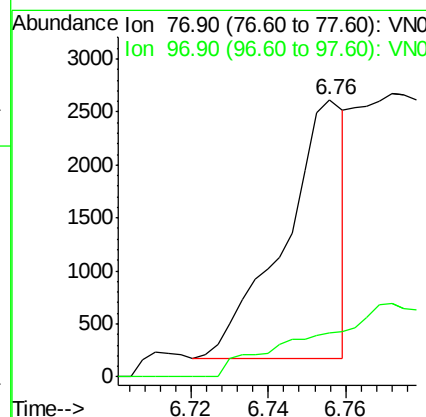
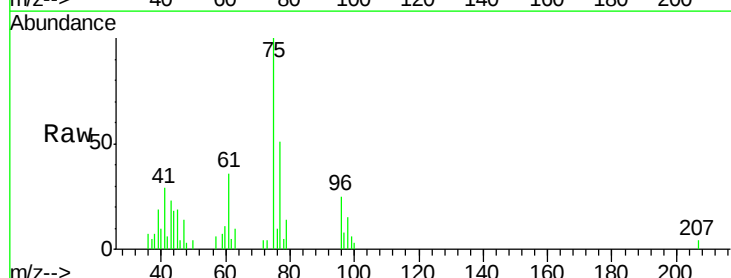
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

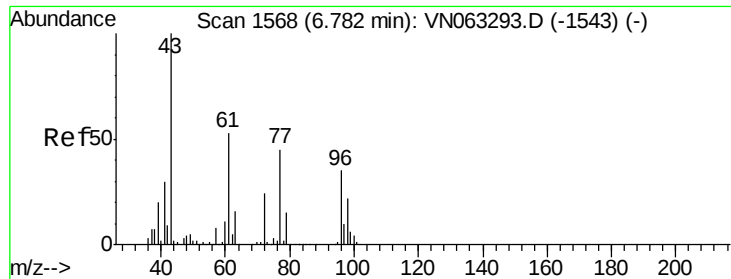
Tgt Ion: 43 Resp: 6623
 Ion Ratio Lower Upper
 43 100
 72 18.7 19.4 29.2#



#26
 2,2-Dichloropropane
 Concen: 0.316 ug/l
 RT: 6.76 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 77 Resp: 2620
 Ion Ratio Lower Upper
 77 100
 97 49.4 10.9 32.6#

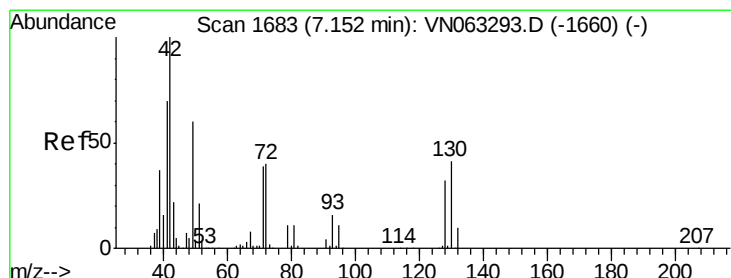
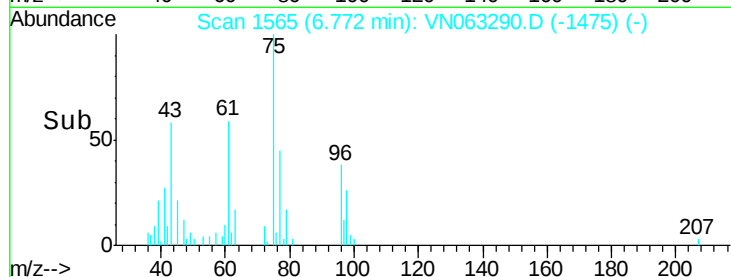
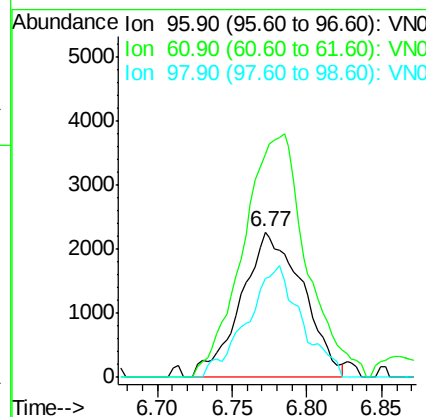
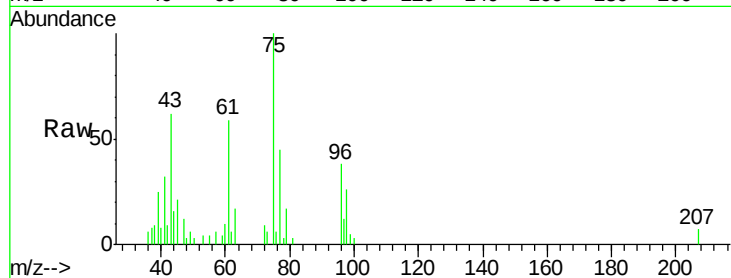




#27
 cis-1,2-Dichloroethene
 Concen: 1.169 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

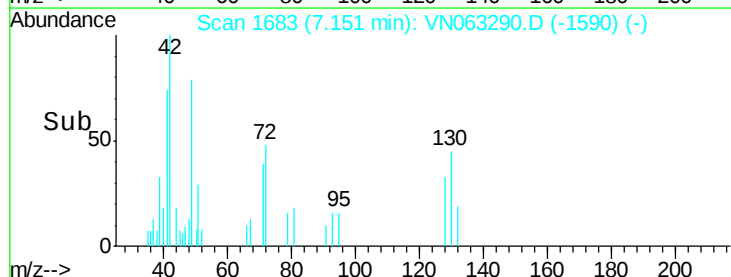
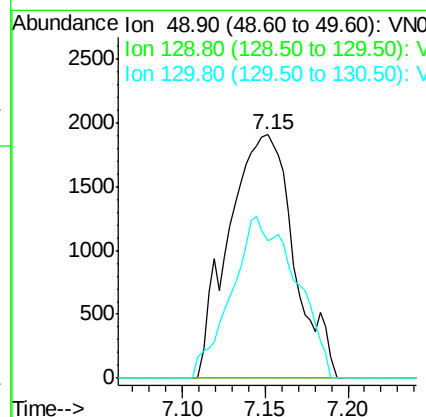
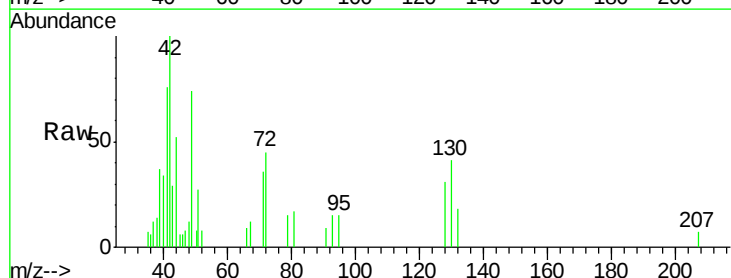
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

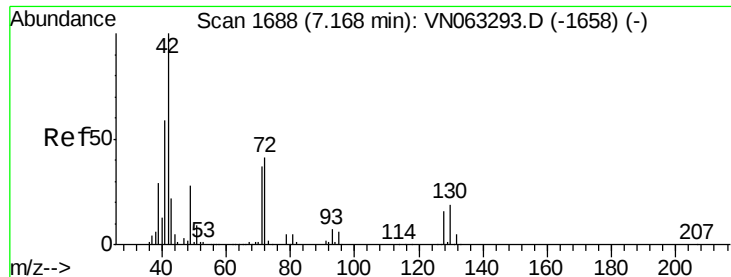
Tgt Ion: 96 Resp: 6509
 Ion Ratio Lower Upper
 96 100
 61 171.6 0.0 322.8
 98 67.2 0.0 132.2



#28
 Bromochloromethane
 Concen: 1.115 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 49 Resp: 5219
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 65.5 53.1 79.7

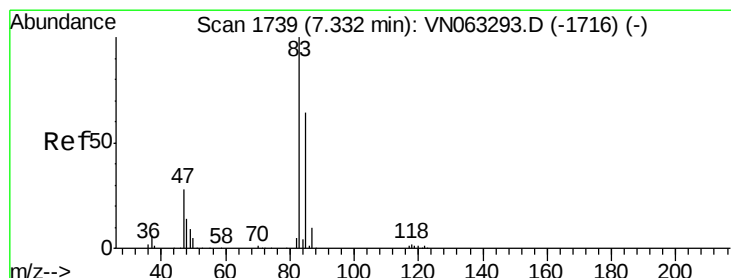
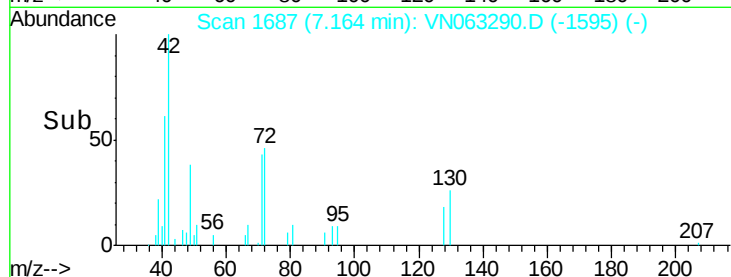
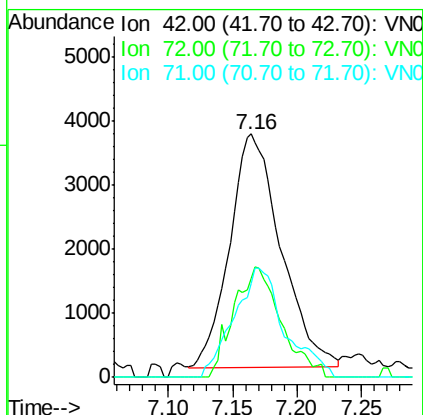
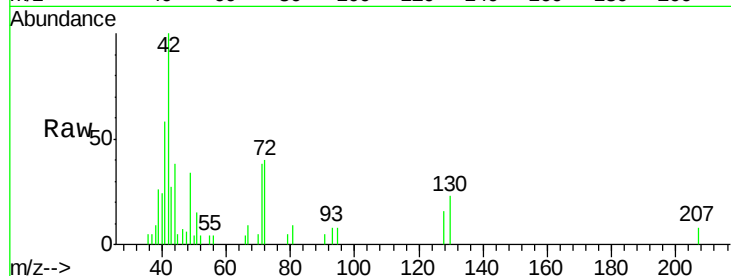




#29
Tetrahydrofuran
Concen: 5.289 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

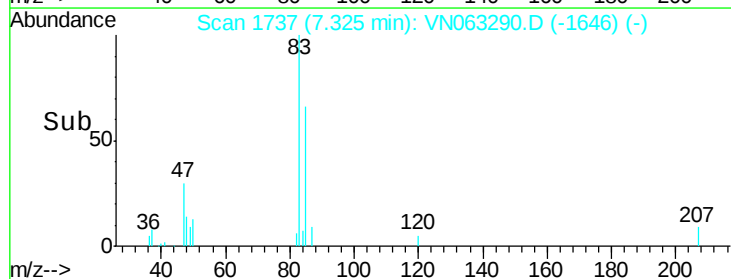
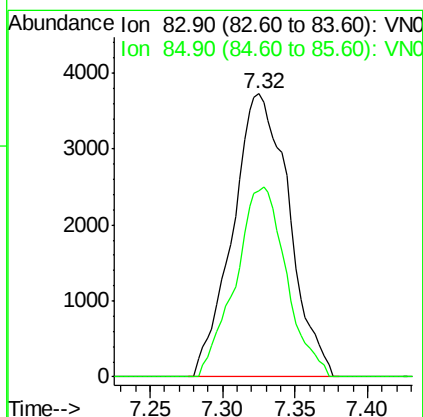
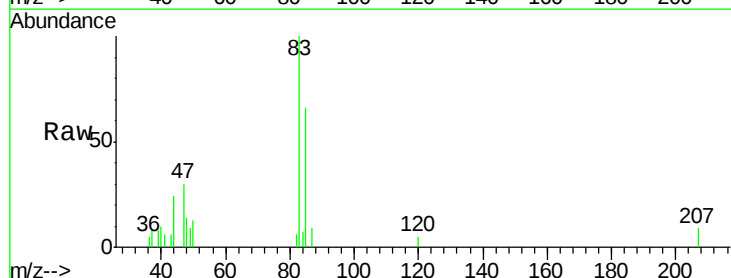
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

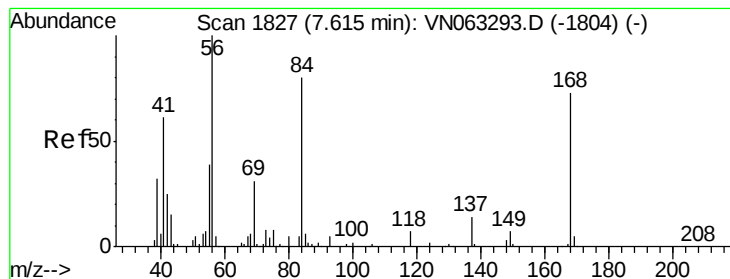
Tgt Ion: 42 Resp: 10076
Ion Ratio Lower Upper
42 100
72 43.8 31.4 47.2
71 46.3 30.0 45.0#



#30
Chloroform
Concen: 1.055 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 83 Resp: 10054
Ion Ratio Lower Upper
83 100
85 65.7 51.2 76.8





#31

Cyclohexane

Concen: 2.227 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

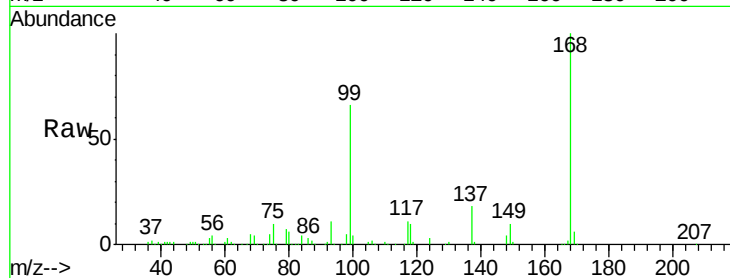
Tgt Ion: 56 Resp: 19144

Ion Ratio Lower Upper

56 100

69 102.3 25.1 37.7#

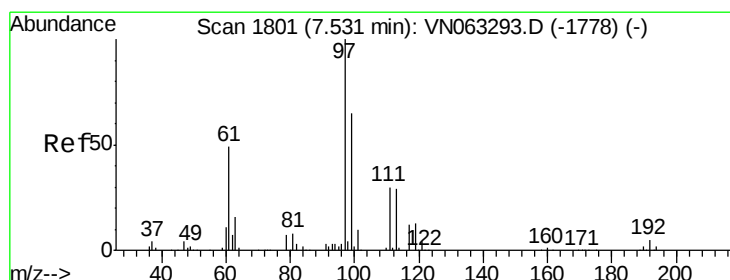
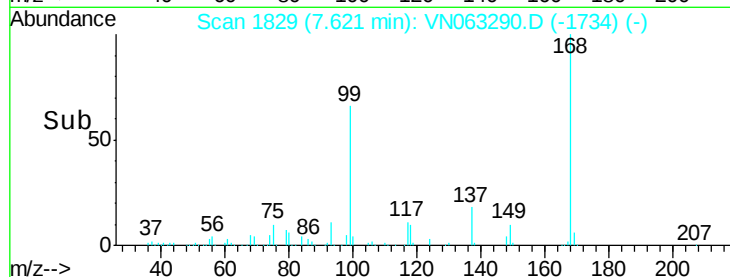
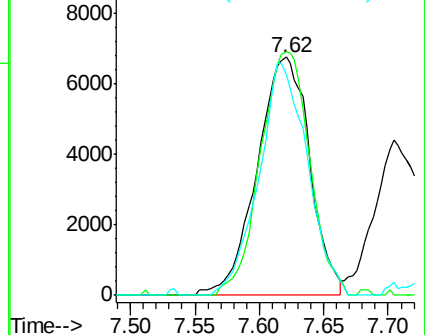
84 92.8 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN063290.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063290.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063290.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 1.052 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

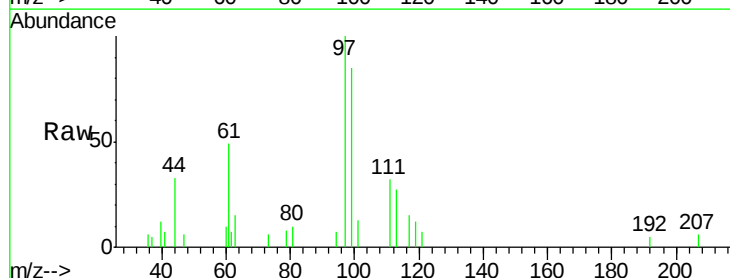
Tgt Ion: 97 Resp: 8617

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.2#

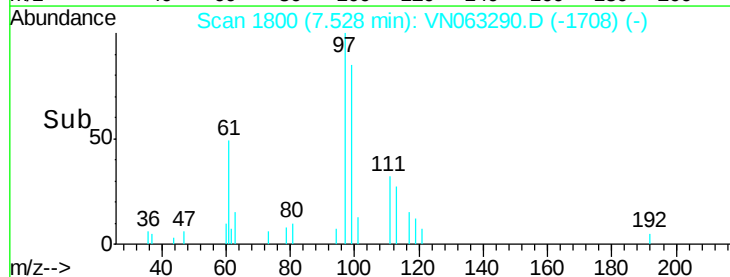
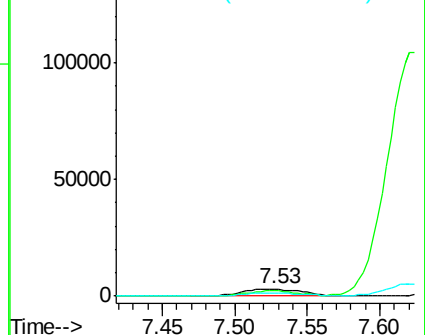
61 49.6 38.9 58.3

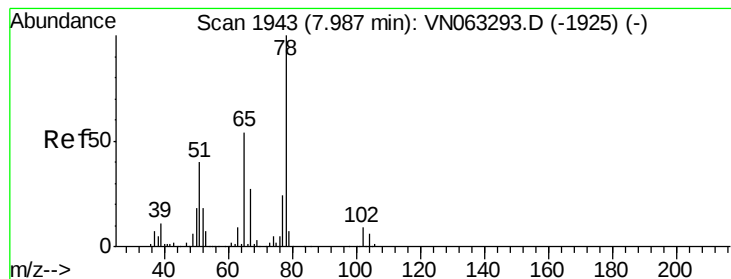


Abundance Ion 96.90 (96.60 to 97.60): VN063290.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN063290.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN063290.D (-1708) (-)





#33

1,2-Dichloroethane-d4

Concen: 1.018 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

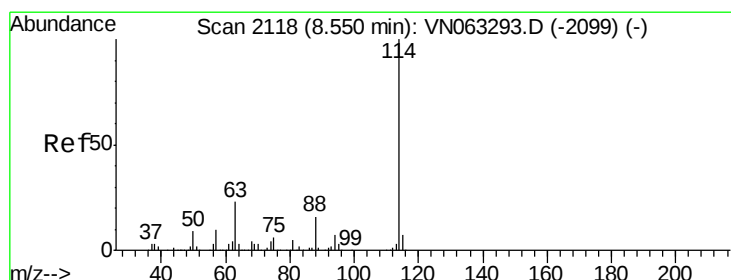
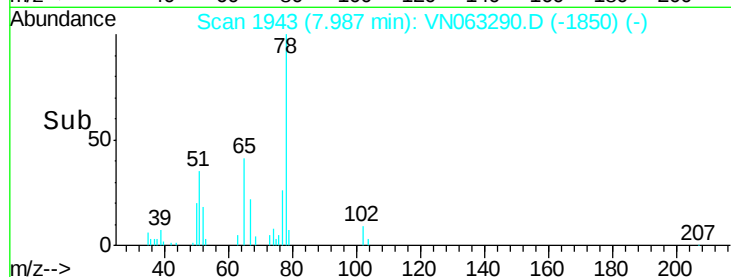
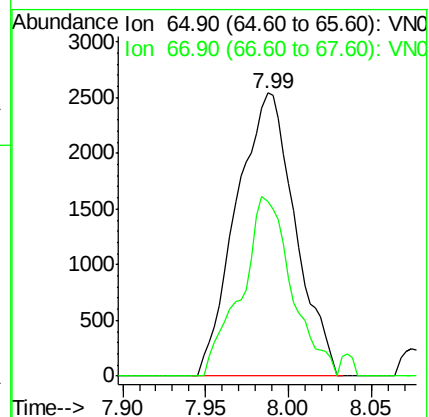
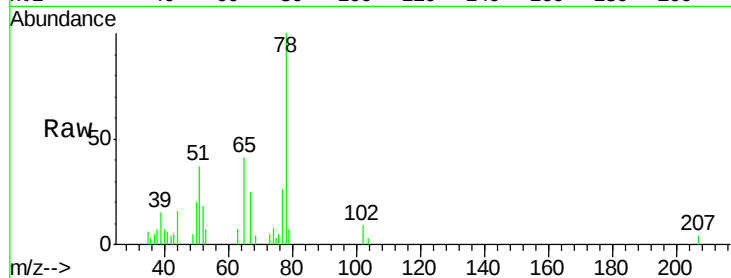
VSTDIC001

Tgt Ion: 65 Resp: 6275

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

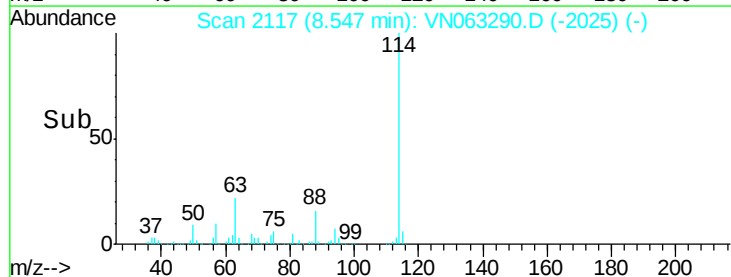
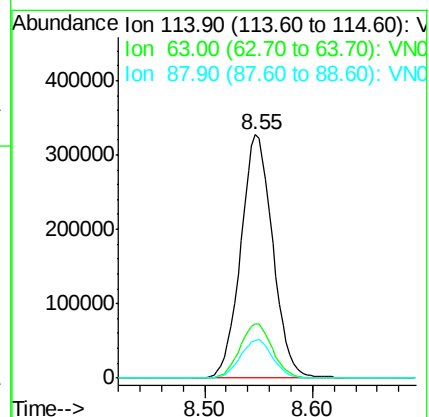
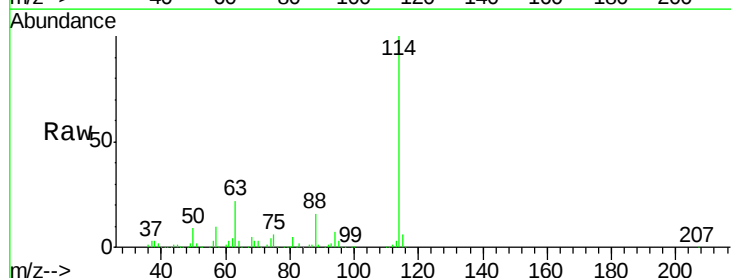
Tgt Ion: 114 Resp: 675955

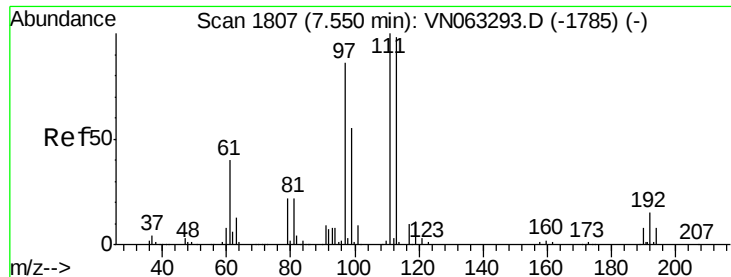
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

88 15.7 0.0 32.8

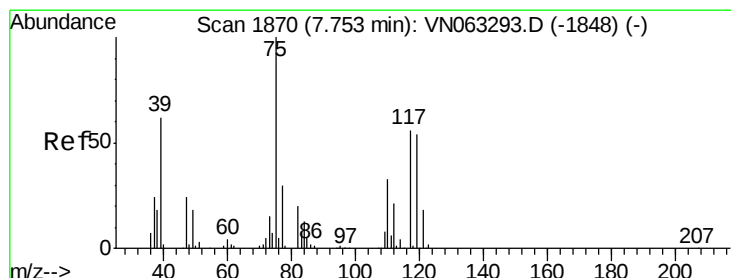
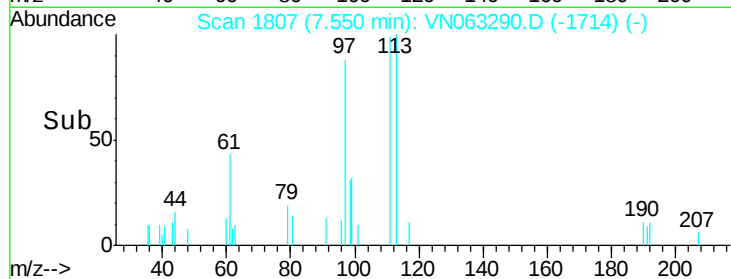
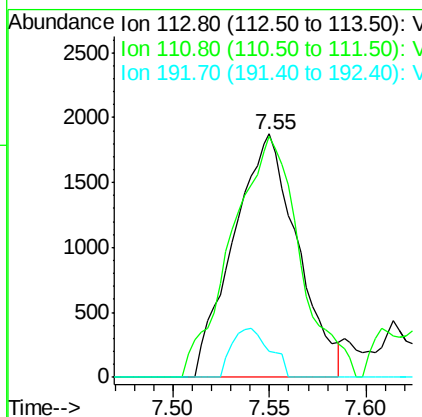
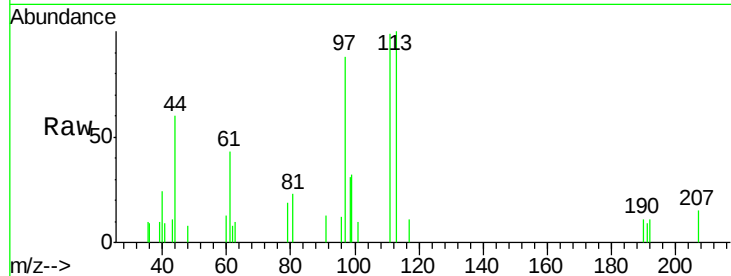




#35
 Dibromofluoromethane
 Concen: 0.999 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

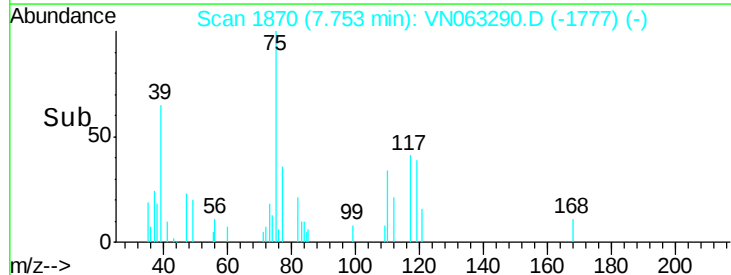
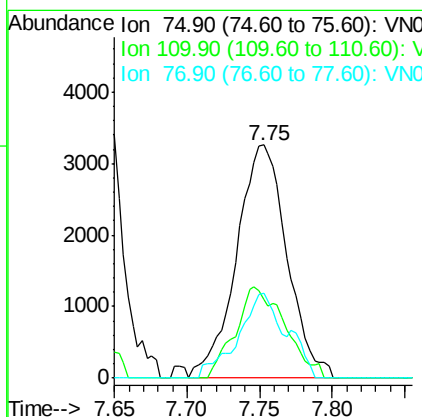
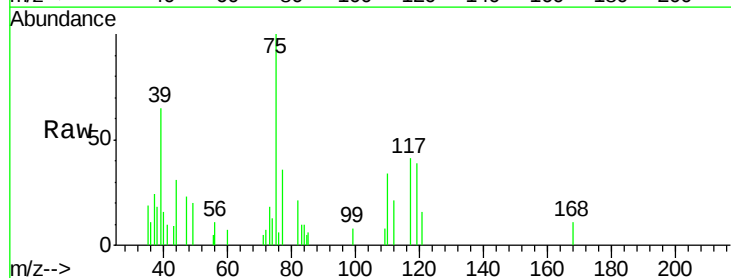
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

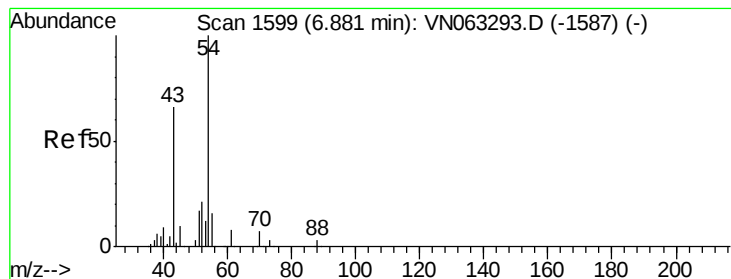
Tgt Ion: 113 Resp: 4297
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.2 123.2
 192 11.8 12.9 19.3#



#36
 1,1-Dichloropropene
 Concen: 1.216 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 75 Resp: 7909
 Ion Ratio Lower Upper
 75 100
 110 38.6 16.4 49.4
 77 29.1 24.8 37.2





#37

Ethyl Acetate

Concen: 0.207 ug/l

RT: 6.87 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

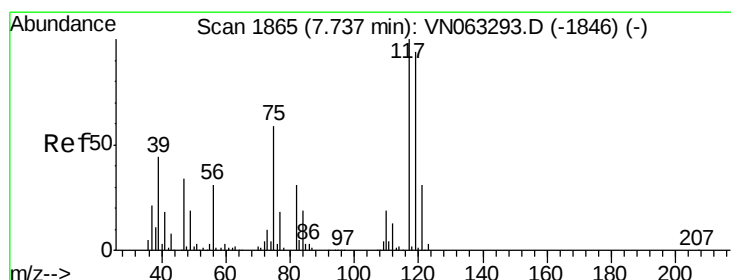
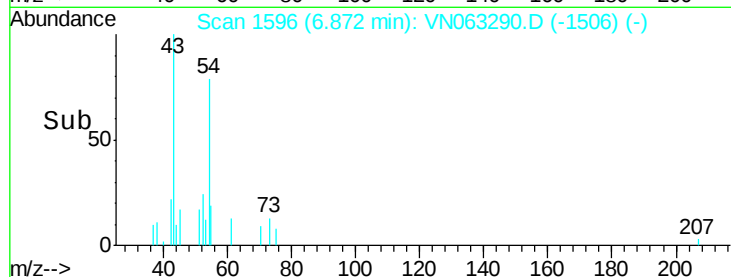
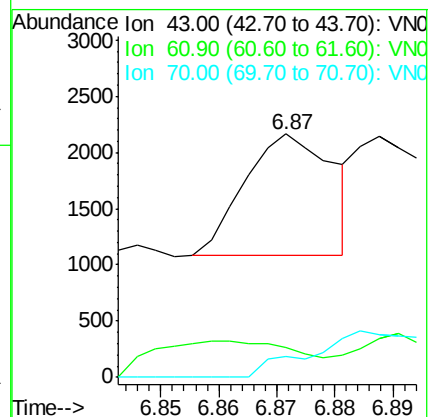
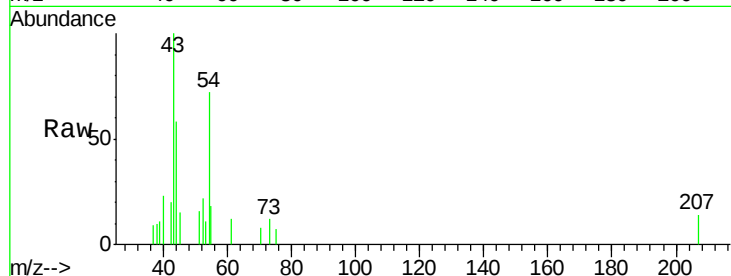
Tgt Ion: 43 Resp: 1151

Ion Ratio Lower Upper

43 100

61 48.6 10.1 15.1#

70 0.0 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 1.098 ug/l

RT: 7.72 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

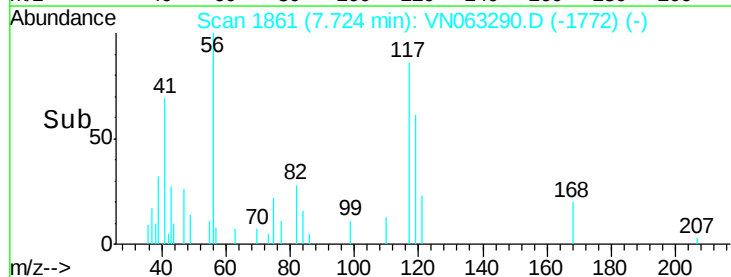
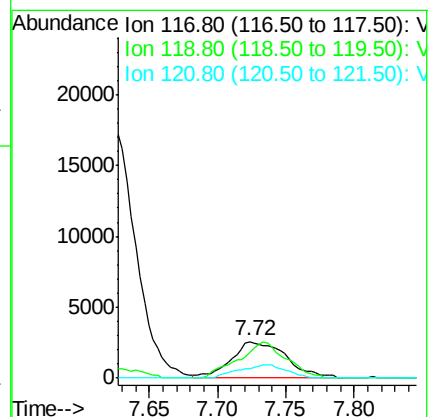
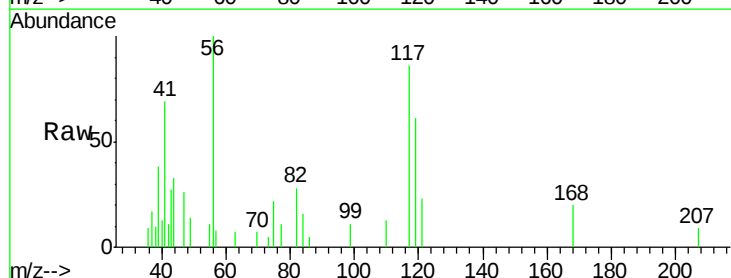
Tgt Ion: 117 Resp: 7216

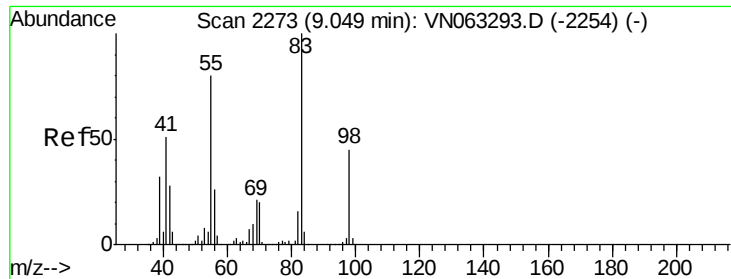
Ion Ratio Lower Upper

117 100

119 70.6 75.3 112.9#

121 26.4 24.6 37.0

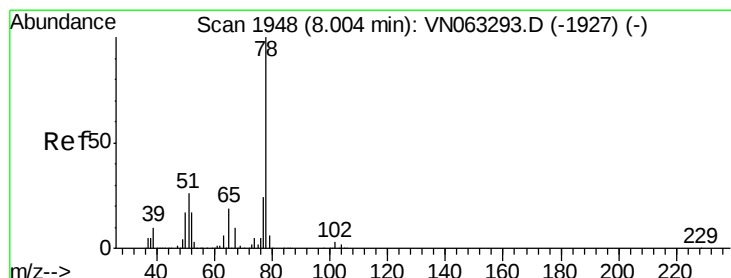
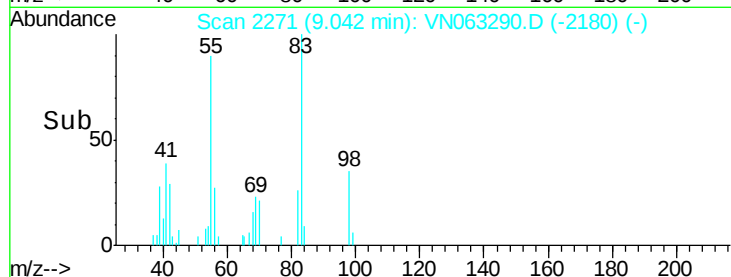
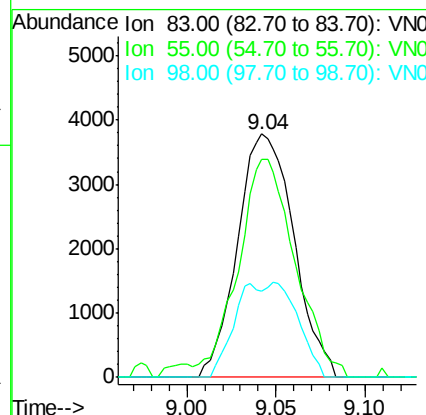
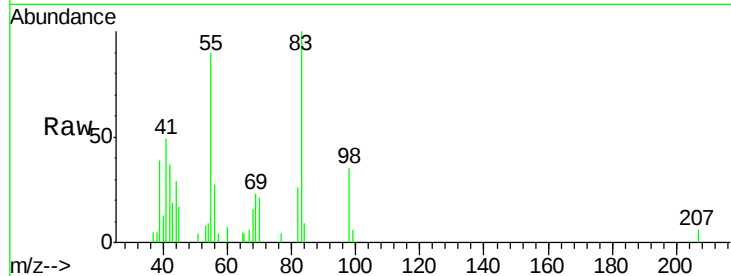




#39
Methylcyclohexane
Concen: 1.144 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

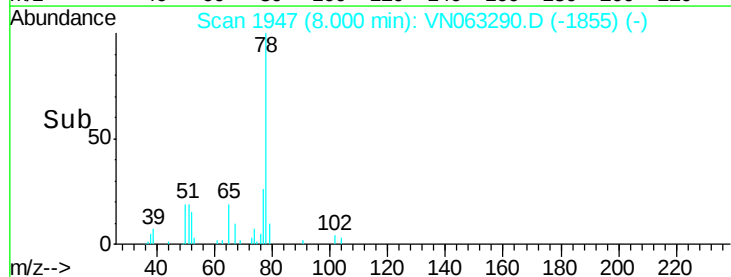
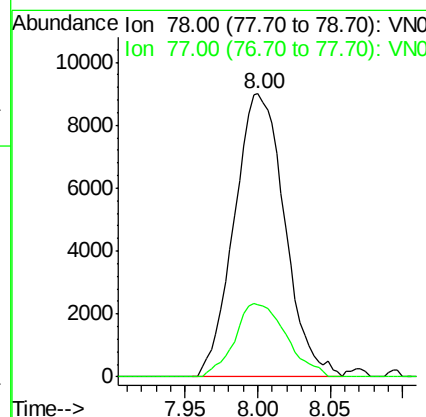
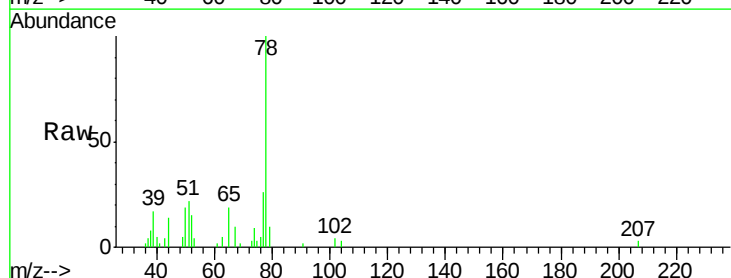
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

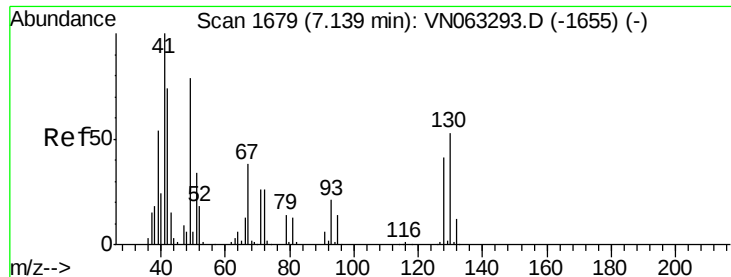
Tgt Ion: 83 Resp: 8317
Ion Ratio Lower Upper
83 100
55 85.3 64.0 96.0
98 35.4 36.4 54.6#



#40
Benzene
Concen: 1.146 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 78 Resp: 21744
Ion Ratio Lower Upper
78 100
77 25.6 18.8 28.2

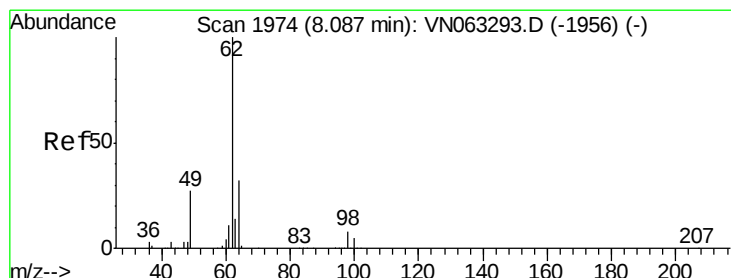
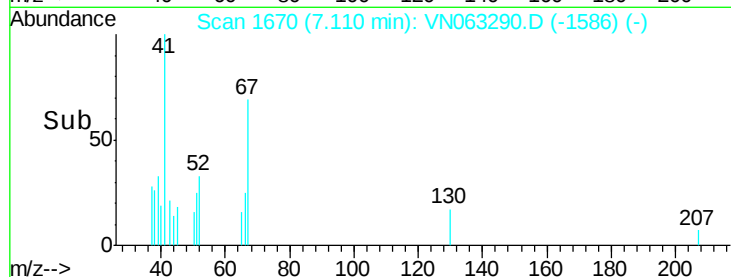
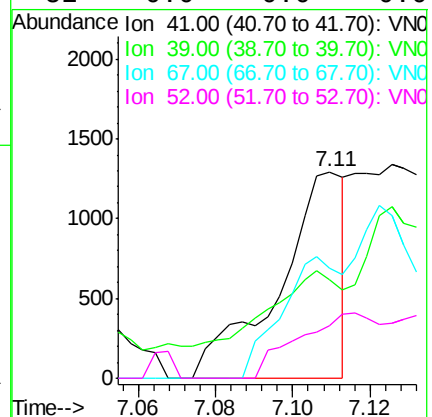
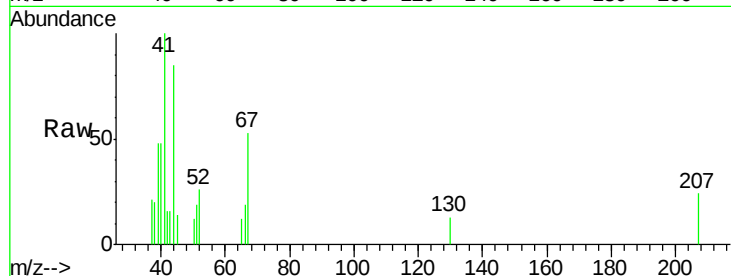




#41
Methacrylonitrile
Concen: 0.544 ug/l
RT: 7.11 min Scan# 1670
Delta R.T. -0.03 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

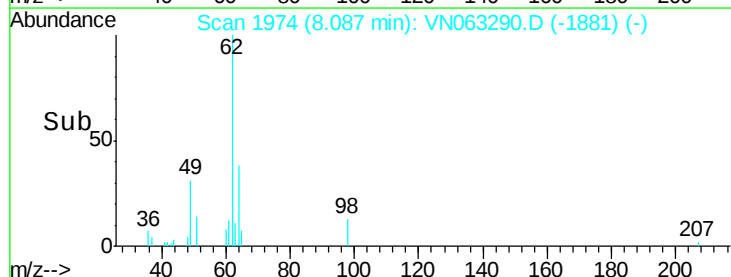
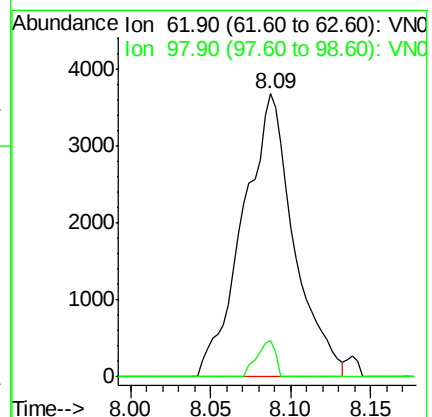
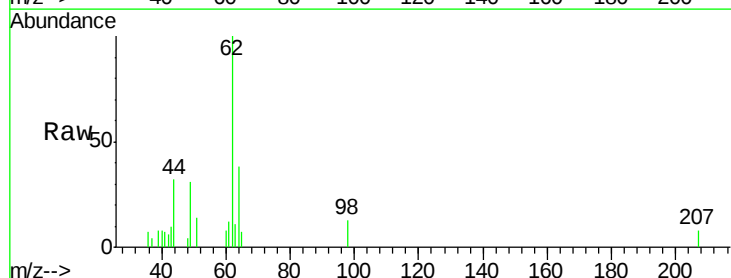
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

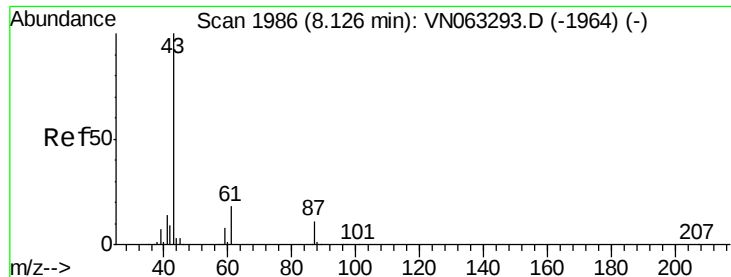
Tgt Ion:	41	Resp:	1529
Ion	Ratio	Lower	Upper
41	100		
39	36.8	0.0	0.0#
67	53.7	0.0	0.0#
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 1.135 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion:	62	Resp:	8081
Ion	Ratio	Lower	Upper
62	100		
98	4.6	0.0	15.4





#43

Isopropyl Acetate

Concen: 1.112 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

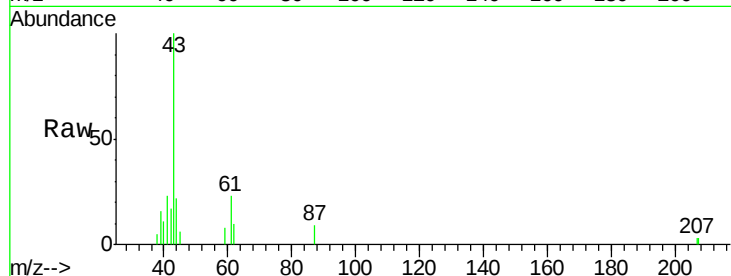
Tgt Ion: 43 Resp: 11776

Ion Ratio Lower Upper

43 100

61 19.5 15.1 22.7

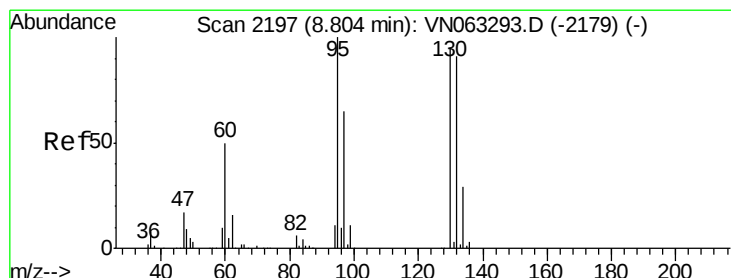
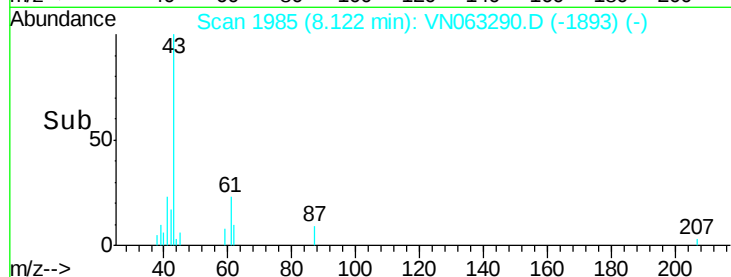
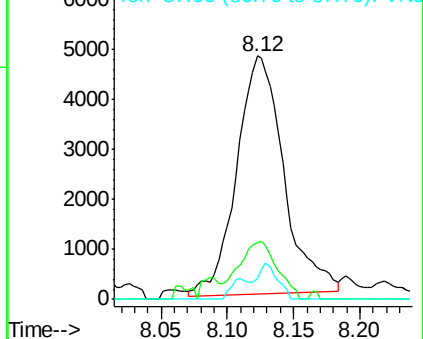
87 6.6 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VN063290.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN063290.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN063290.D (-1964) (-)



#44

Trichloroethene

Concen: 1.297 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN063290.D

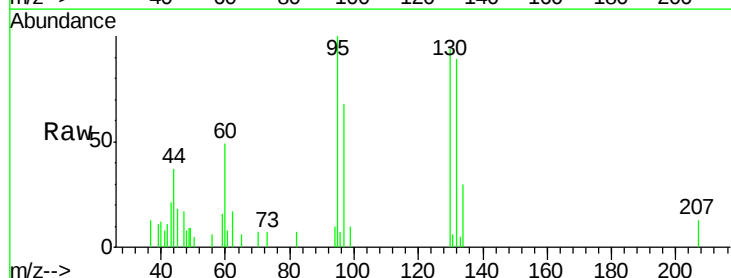
Acq: 10 Sep 2020 12:35

Tgt Ion: 130 Resp: 6062

Ion Ratio Lower Upper

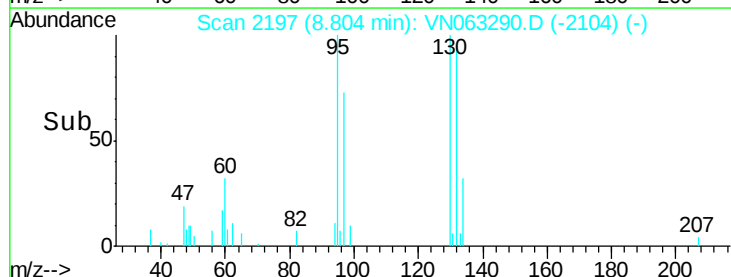
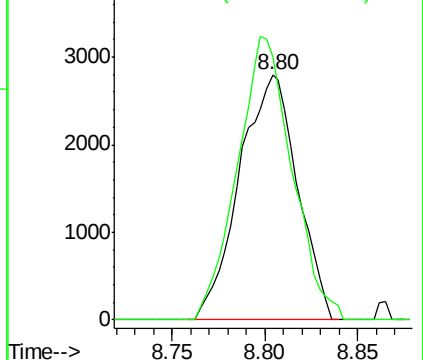
130 100

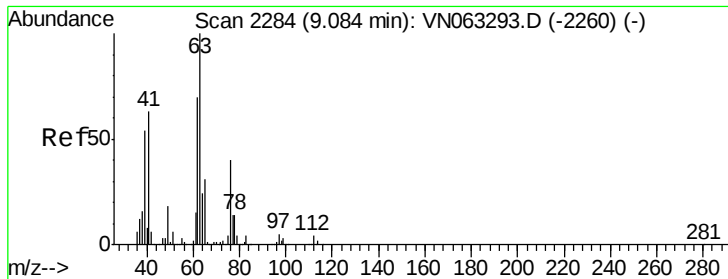
95 106.9 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063290.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063290.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 1.187 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

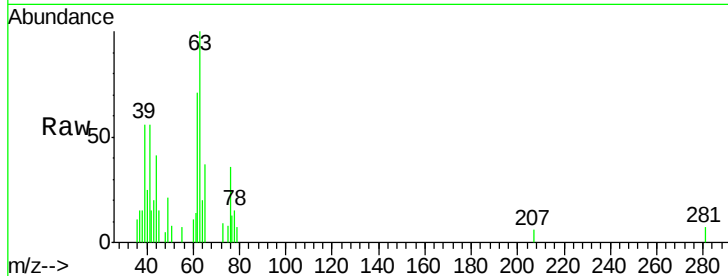
VSTDIC001

Tgt Ion: 63 Resp: 6016

Ion Ratio Lower Upper

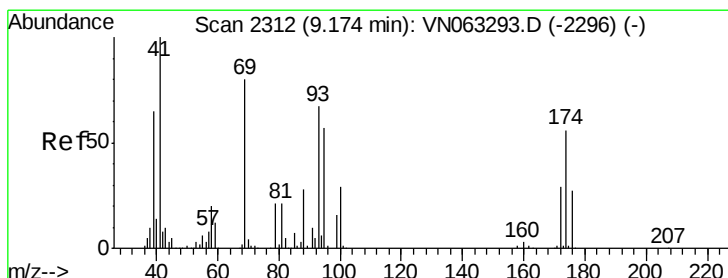
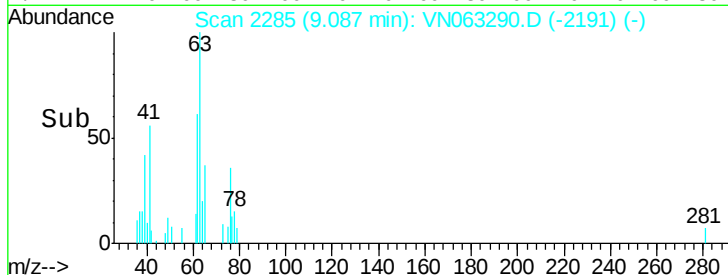
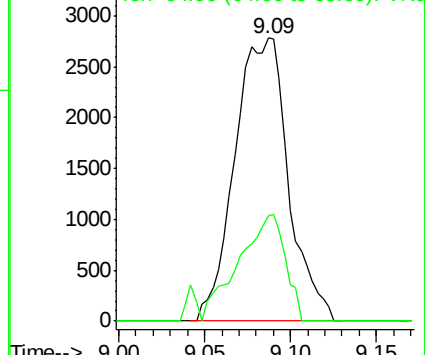
63 100

65 37.4 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN063290.D (-2260) (-)

Ion 64.90 (64.60 to 65.60): VN063290.D (-2260) (-)



#46

Dibromomethane

Concen: 1.207 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

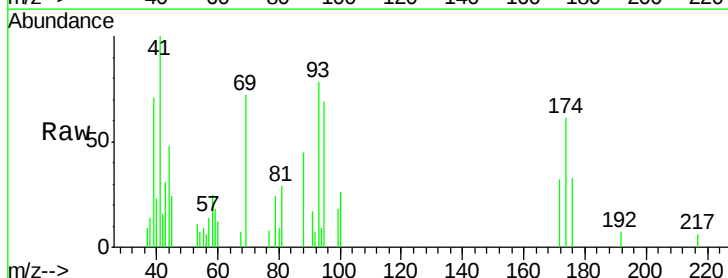
Tgt Ion: 93 Resp: 4007

Ion Ratio Lower Upper

93 100

95 79.9 67.9 101.9

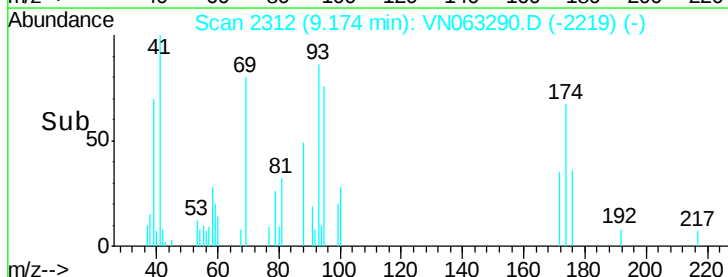
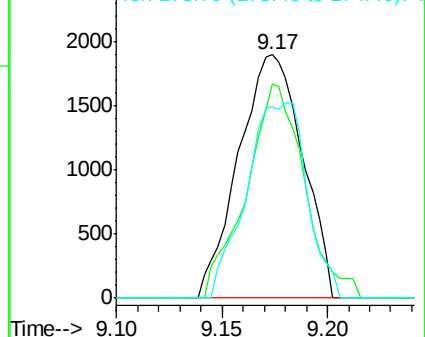
174 75.8 66.9 100.3

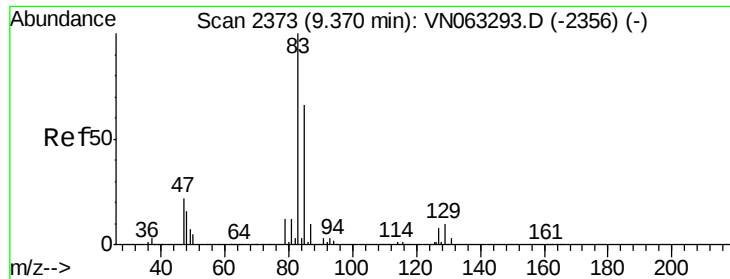


Abundance Ion 92.80 (92.50 to 93.50): VN063290.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN063290.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN063290.D (-2219) (-)

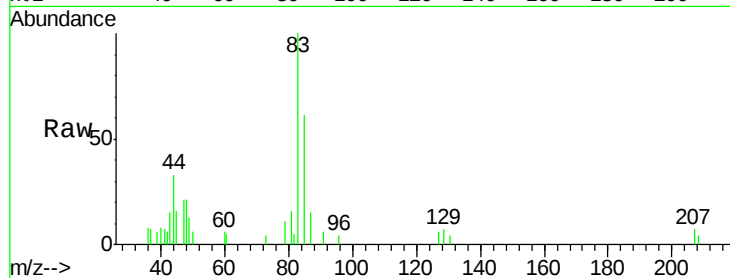




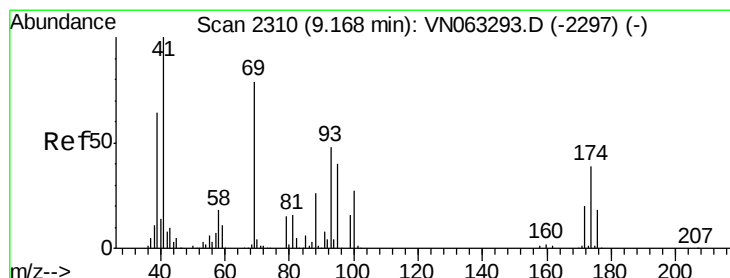
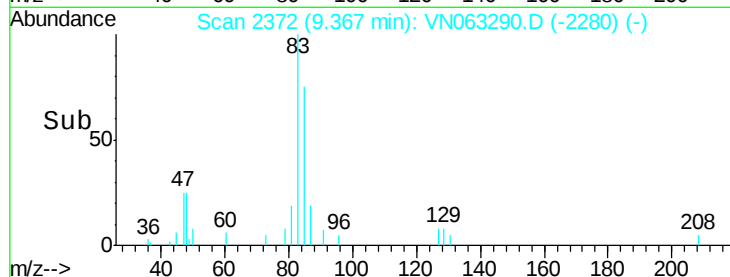
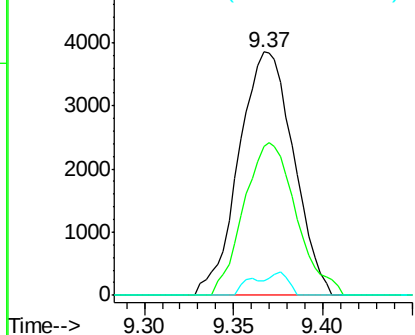
#47
Bromodichloromethane
Concen: 1.157 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 8221
Ion Ratio Lower Upper
83 100
85 61.0 52.5 78.7
127 6.2 6.6 10.0#

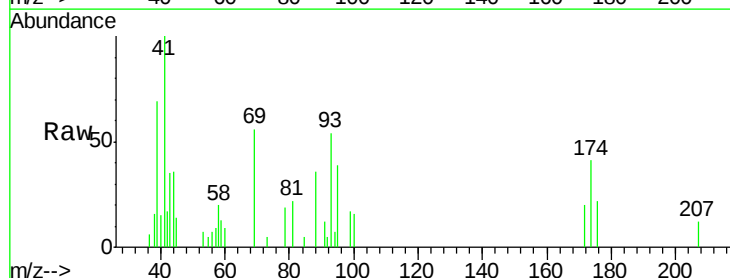


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

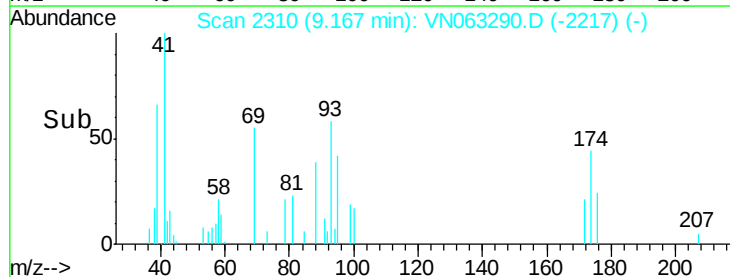
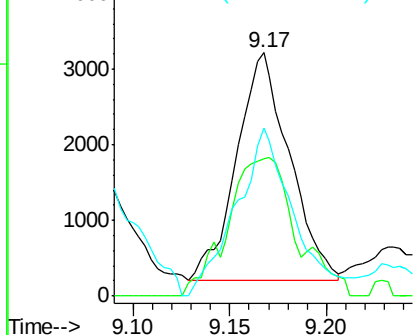


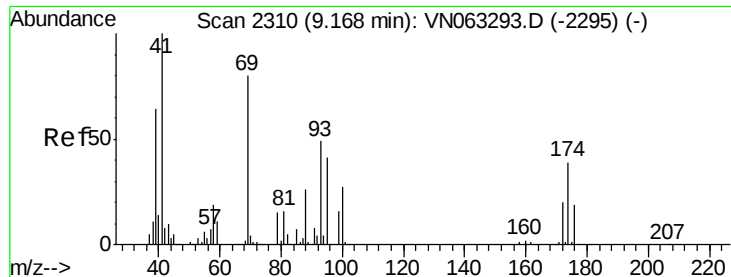
#48
Methyl methacrylate
Concen: 1.196 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 41 Resp: 5734
Ion Ratio Lower Upper
41 100
69 78.5 63.6 95.4
39 79.1 53.2 79.8



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

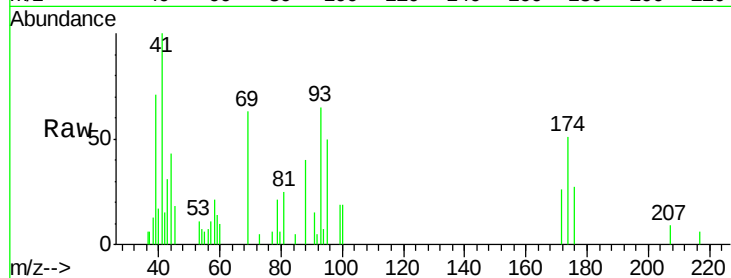




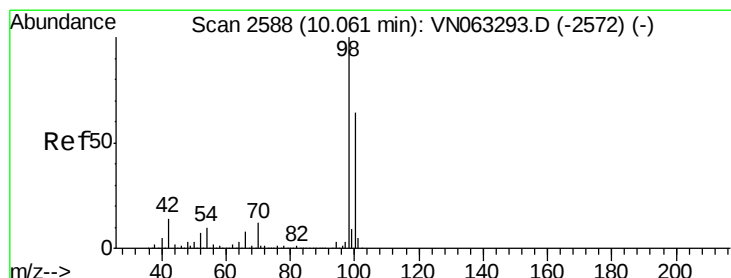
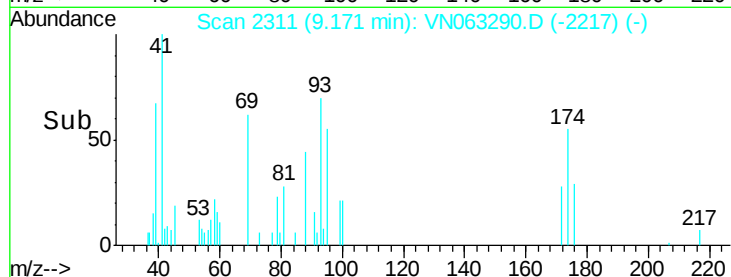
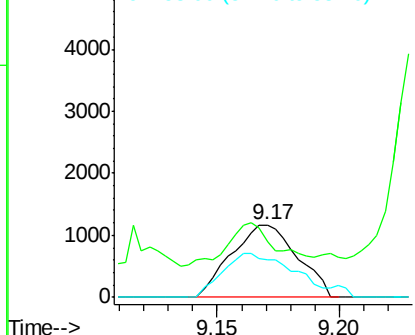
#49
1,4-Dioxane
Concen: 29.640 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 2187
Ion Ratio Lower Upper
88 100
43 46.6 30.5 45.7#
58 68.6 58.9 88.3

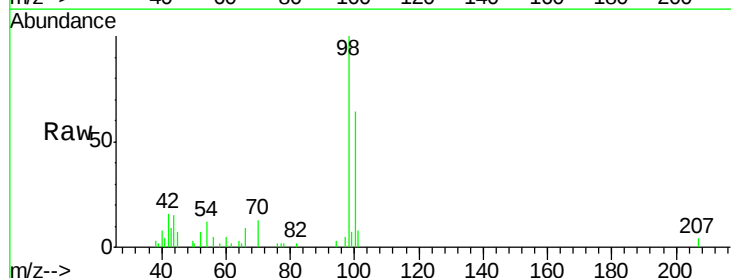


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

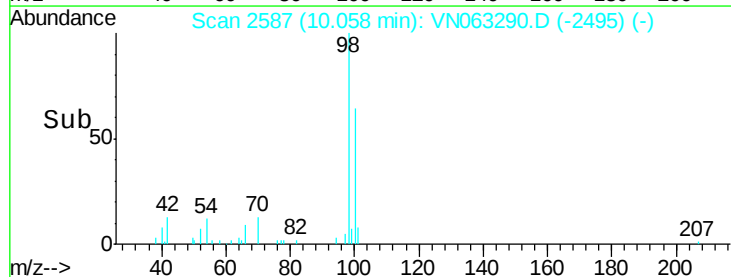
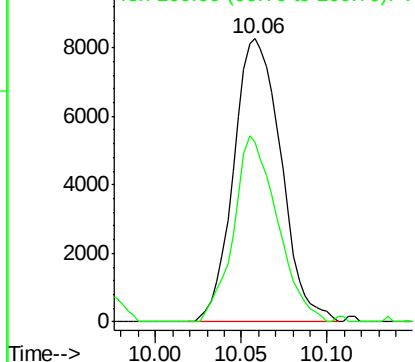


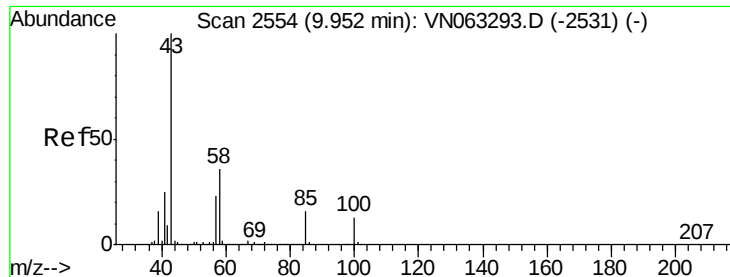
#50
Toluene-d8
Concen: 0.960 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 98 Resp: 15894
Ion Ratio Lower Upper
98 100
100 60.4 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: 5.735 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

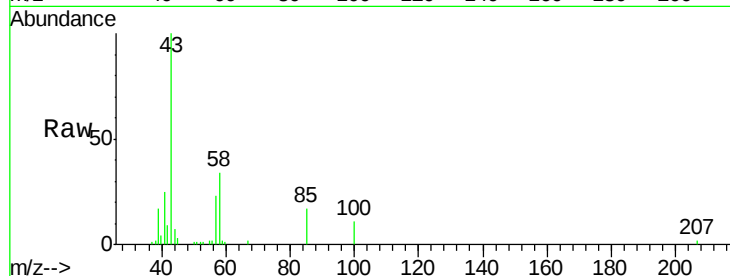
VSTDIC001

Tgt Ion: 43 Resp: 33045

Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN063293.D (-2531) (-)

9.95

15000

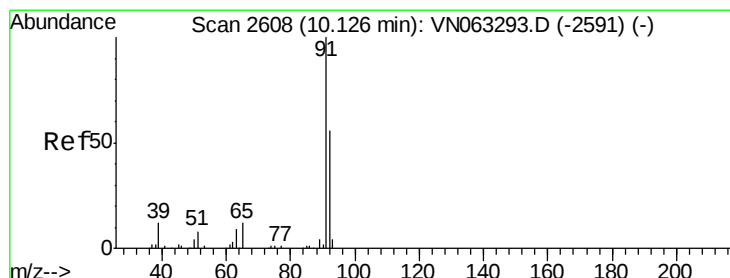
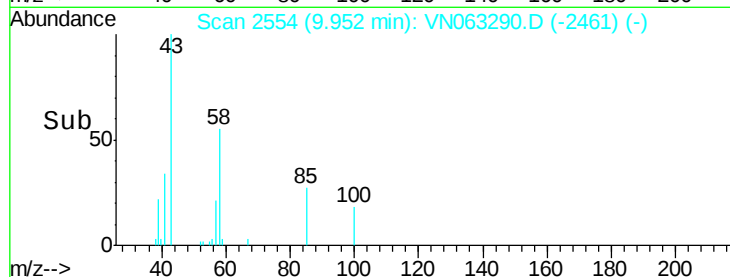
10000

5000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 1.115 ug/l

RT: 10.13 min Scan# 2609

Delta R.T. 0.00 min

Lab File: VN063290.D

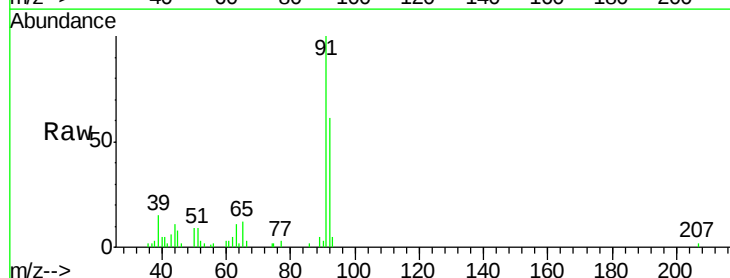
Acq: 10 Sep 2020 12:35

Tgt Ion: 92 Resp: 13128

Ion Ratio Lower Upper

92 100

91 169.9 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063293.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN063293.D (-2591) (-)

10.13

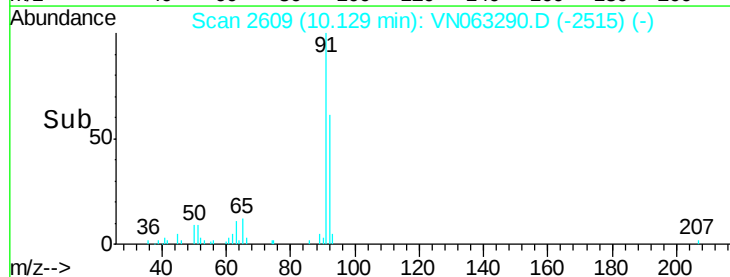
10000

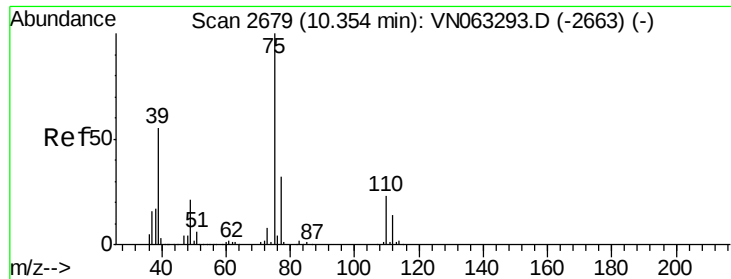
5000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 1.087 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

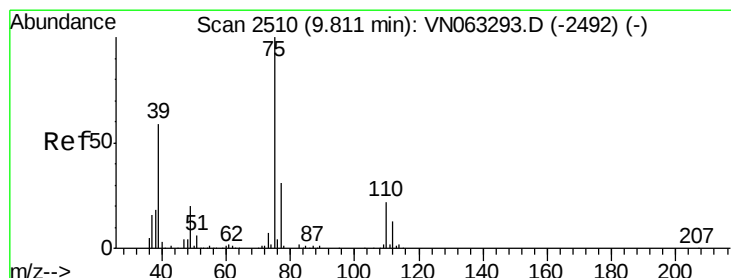
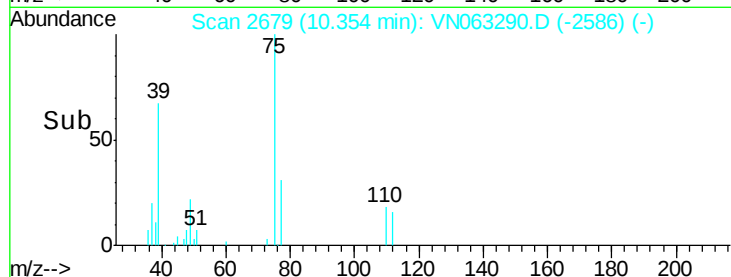
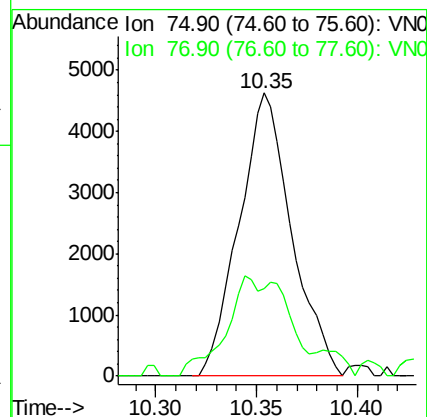
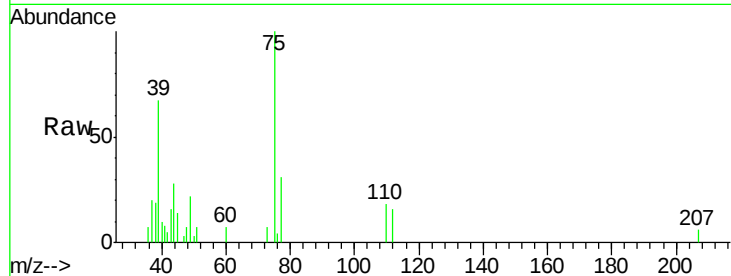
VSTDIC001

Tgt Ion: 75 Resp: 8409

Ion Ratio Lower Upper

75 100

77 24.8 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 1.069 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

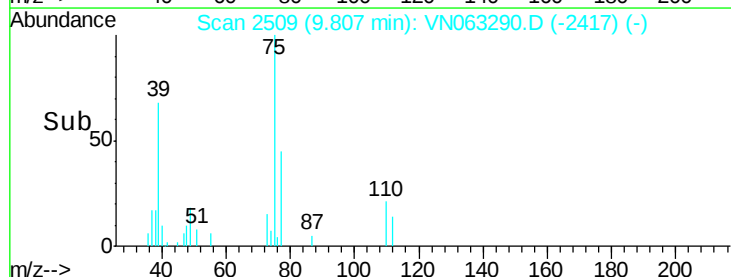
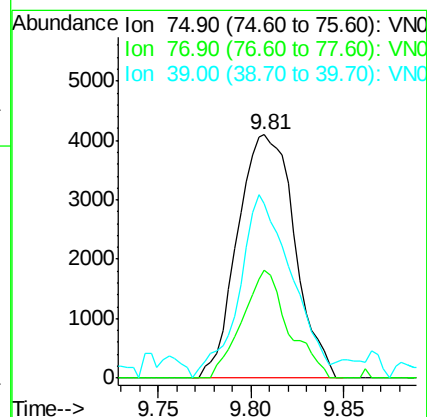
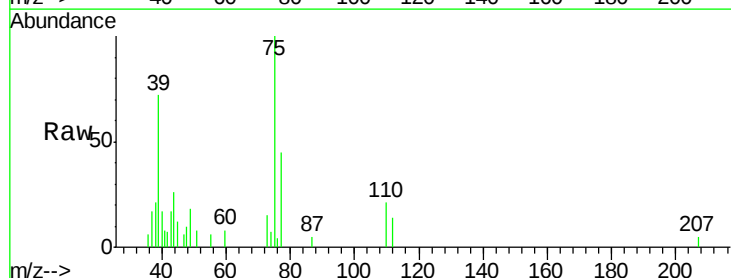
Tgt Ion: 75 Resp: 8781

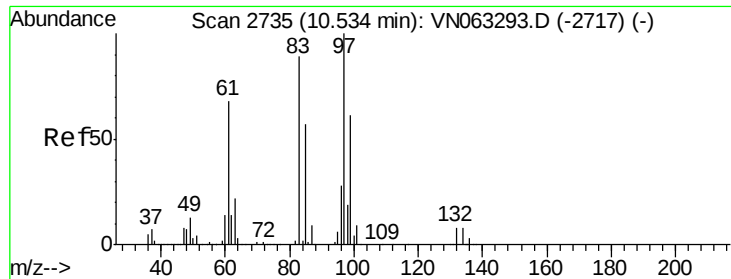
Ion Ratio Lower Upper

75 100

77 44.6 24.7 37.1#

39 71.7 47.2 70.8#

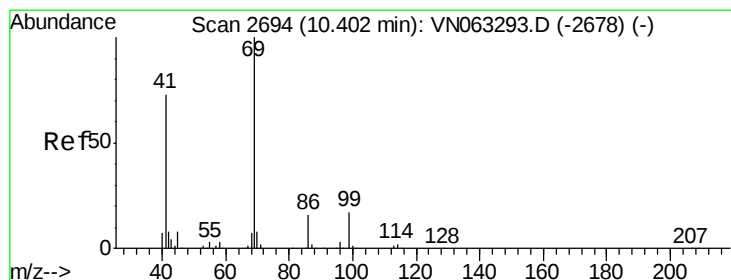
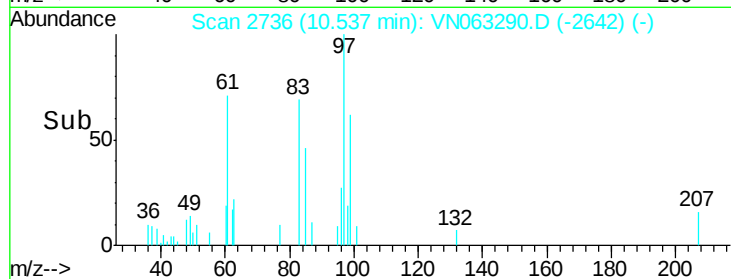
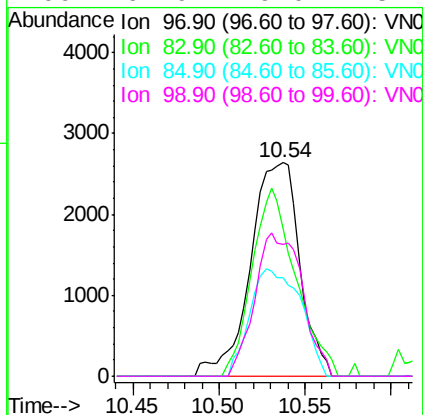
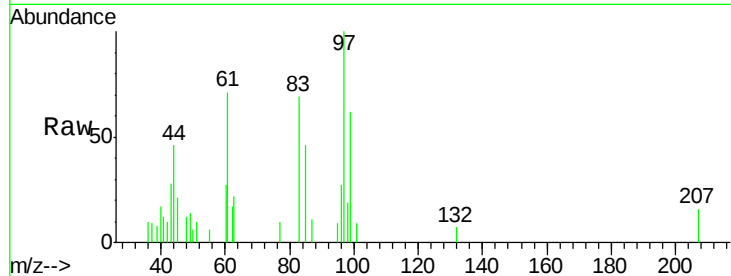




#55
 1,1,2-Trichloroethane
 Concen: 1.160 ug/l
 RT: 10.54 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

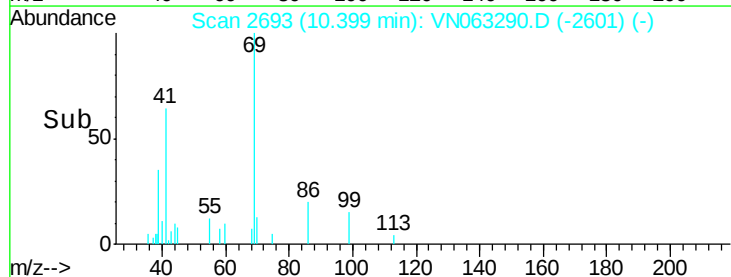
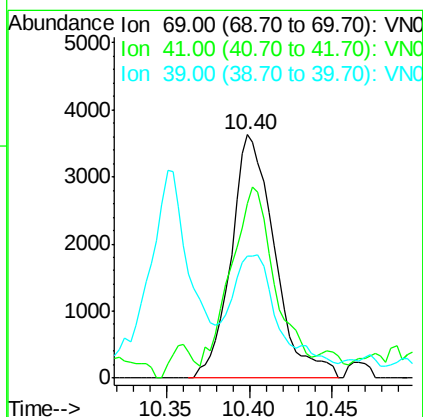
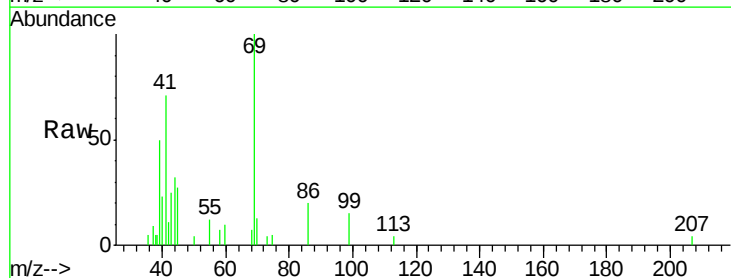
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

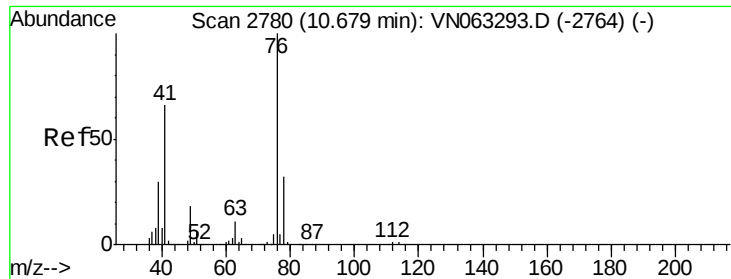
Tgt Ion: 97 Resp: 5244
 Ion Ratio Lower Upper
 97 100
 83 69.2 70.8 106.2#
 85 46.0 45.6 68.4
 99 61.9 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 0.962 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 69 Resp: 6631
 Ion Ratio Lower Upper
 69 100
 41 73.4 58.4 87.6
 39 48.9 38.6 58.0

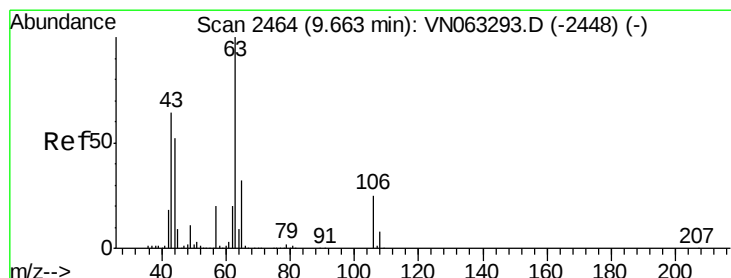
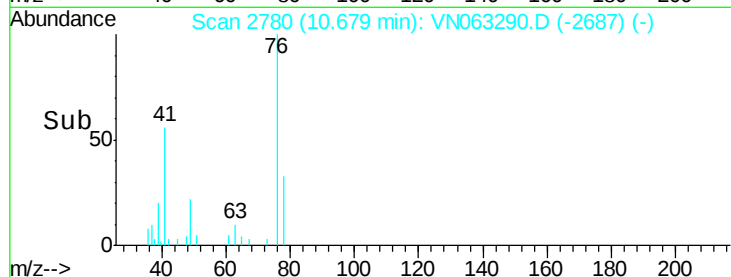
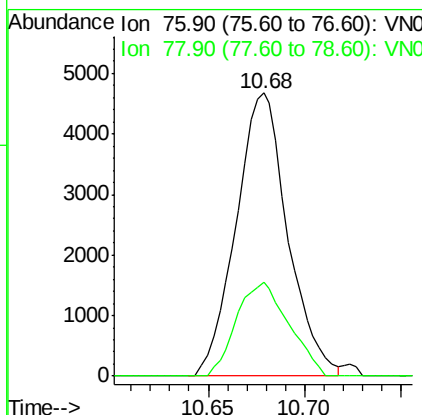
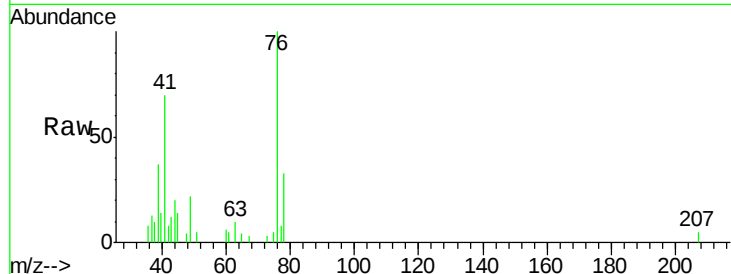




#57
 1,3-Dichloropropane
 Concen: 1.083 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

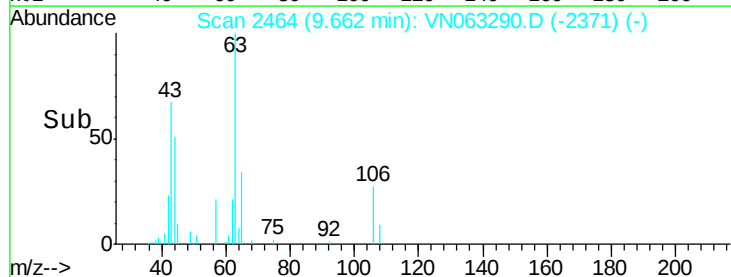
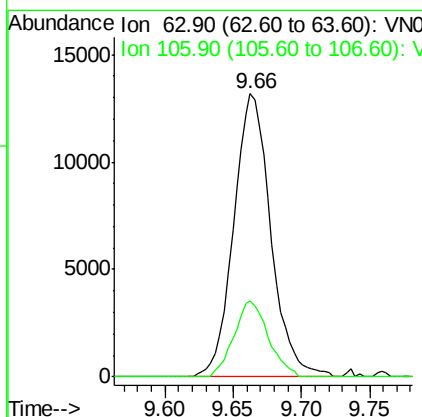
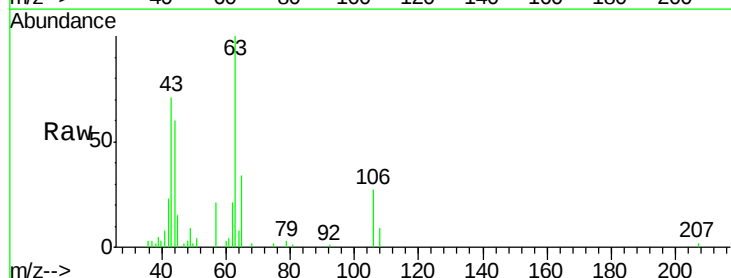
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

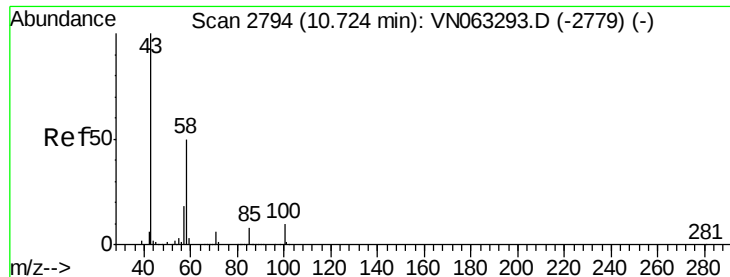
Tgt Ion: 76 Resp: 8697
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 7.017 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 63 Resp: 24883
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.2 30.4

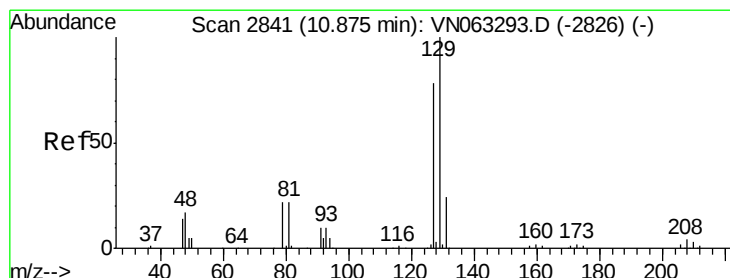
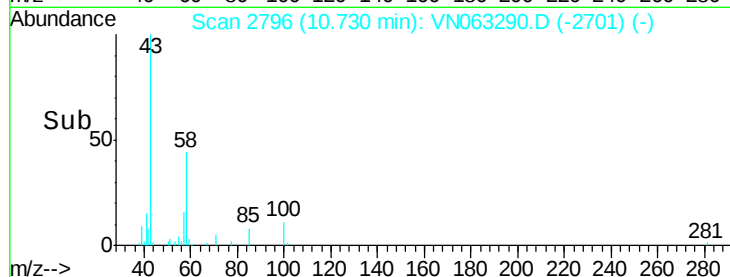
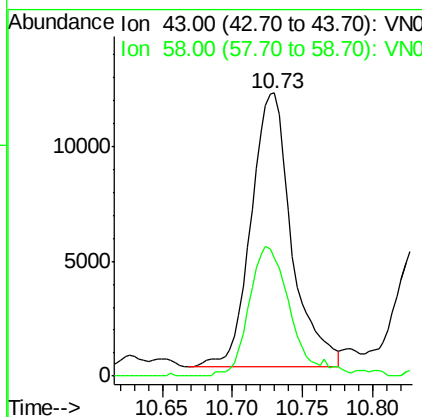
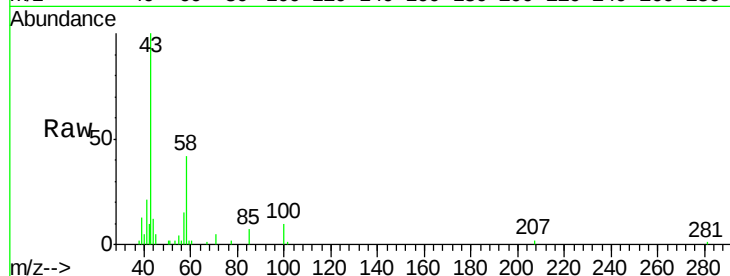




#59
2-Hexanone
Concen: 5.923 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

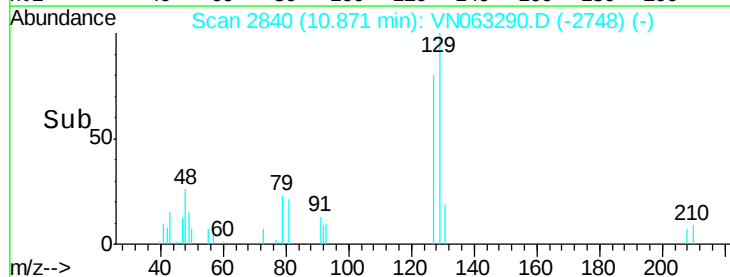
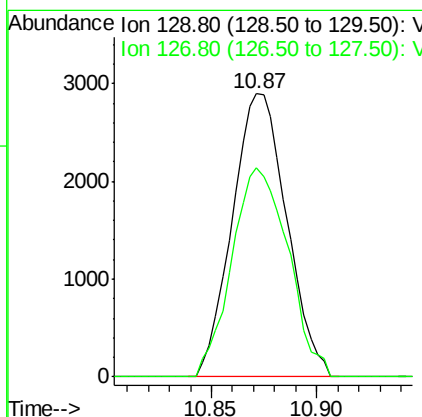
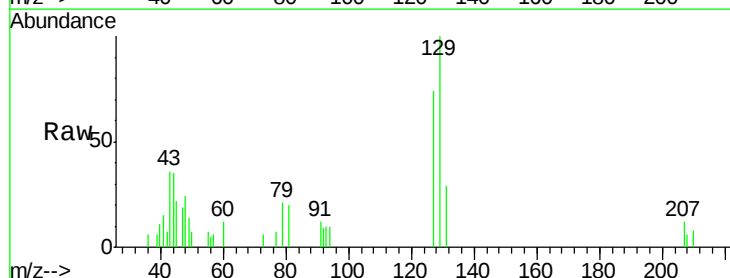
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

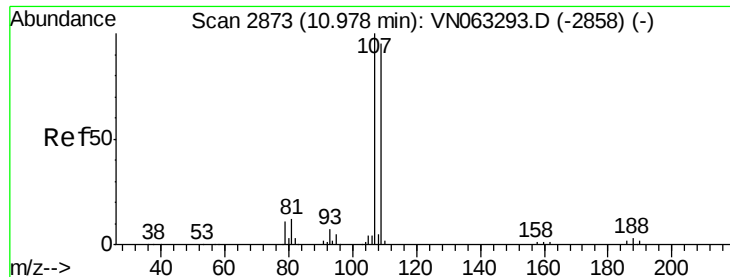
Tgt Ion: 43 Resp: 24074
Ion Ratio Lower Upper
43 100
58 48.3 25.1 75.3



#60
Dibromochloromethane
Concen: 1.038 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 129 Resp: 5186
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

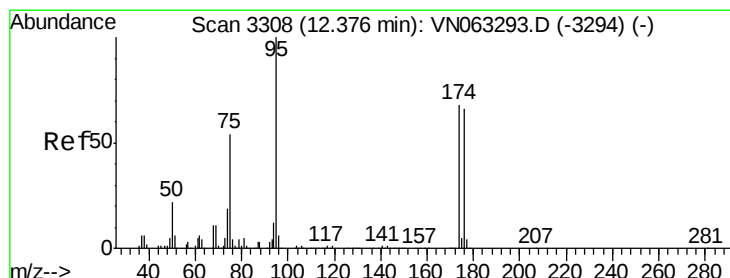
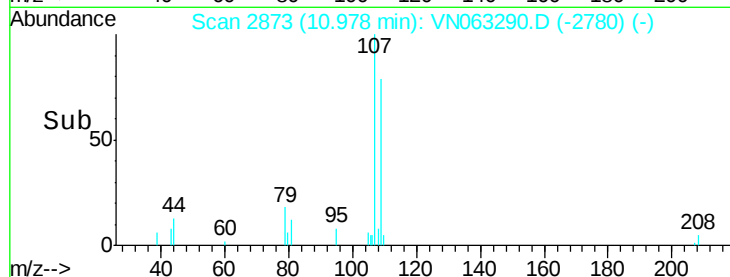
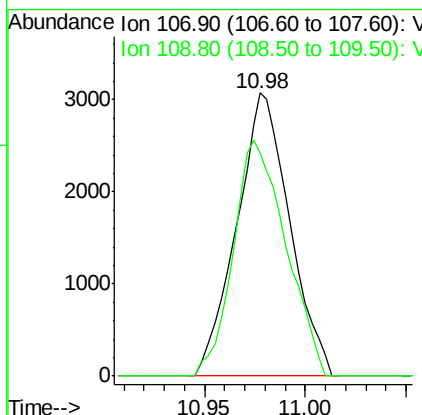
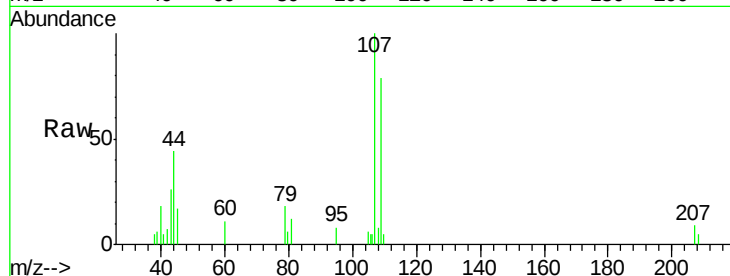




#61
 1,2-Dibromoethane
 Concen: 1.204 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

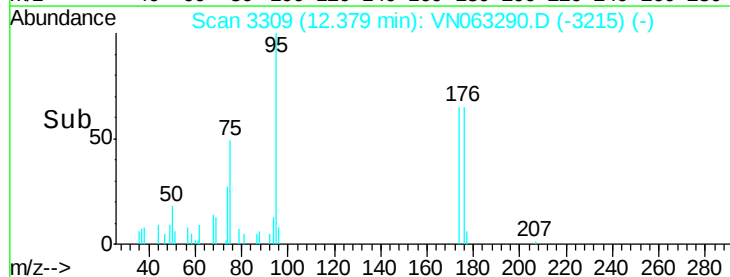
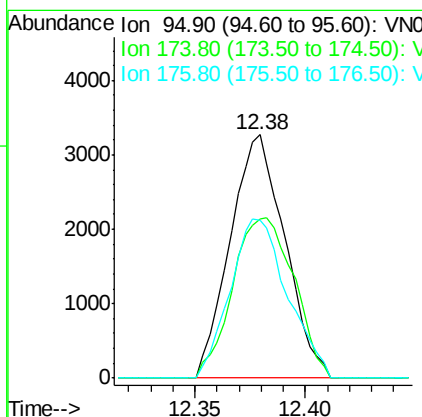
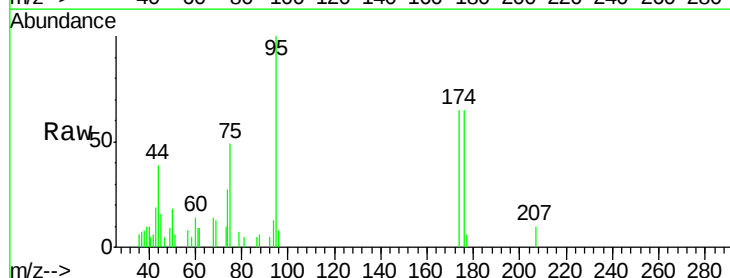
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

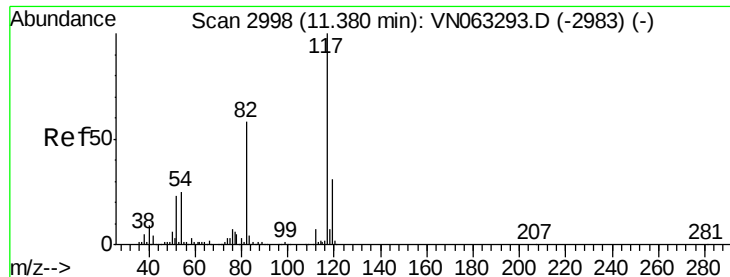
Tgt Ion: 107 Resp: 5635
 Ion Ratio Lower Upper
 107 100
 109 82.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 0.962 ug/l
 RT: 12.38 min Scan# 3309
 Delta R.T. 0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 95 Resp: 5611
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 136.6
 176 68.6 0.0 132.8

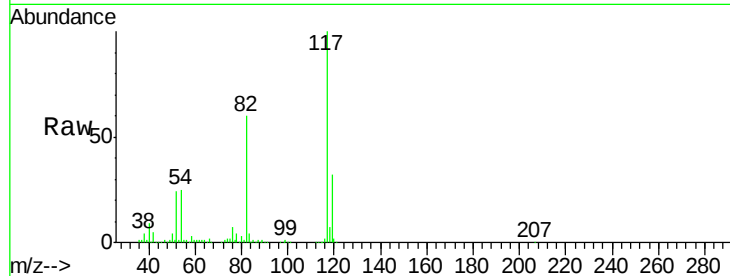




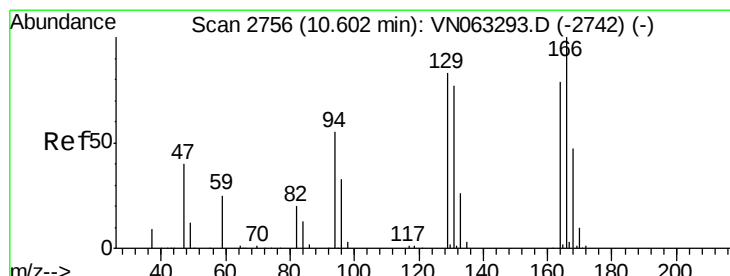
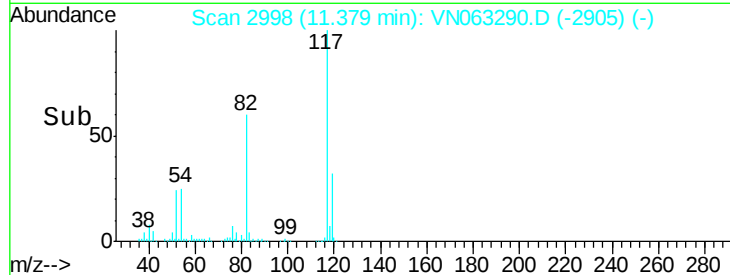
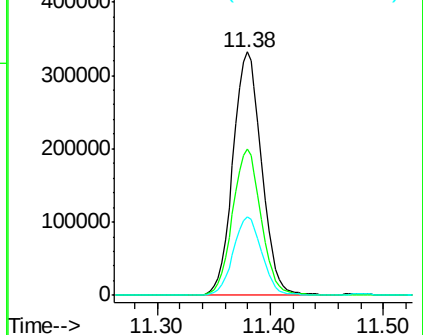
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 587058
Ion Ratio Lower Upper
117 100
82 59.9 46.4 69.6
119 32.3 24.8 37.2

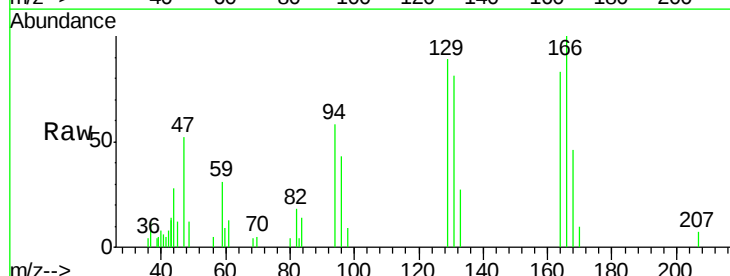


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

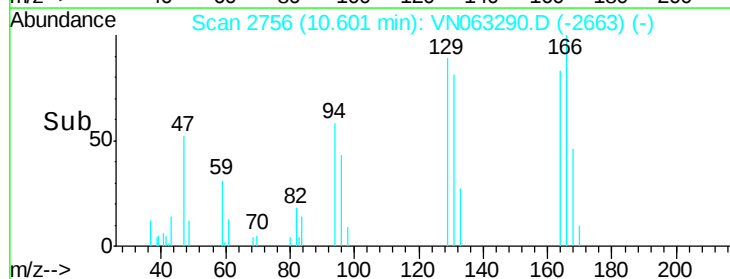
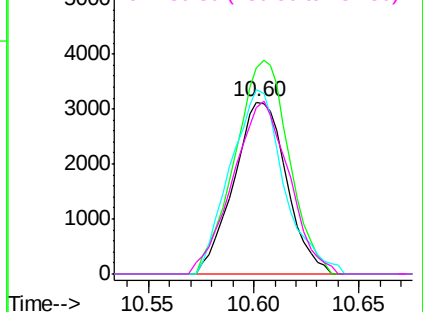


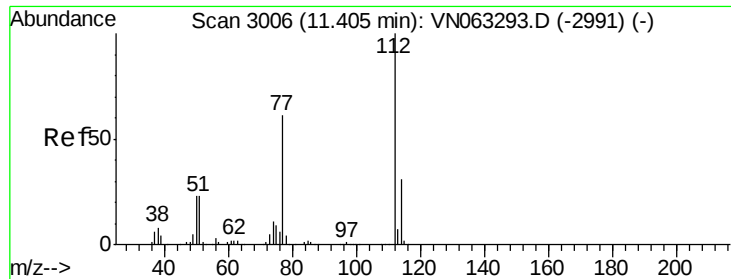
#64
Tetrachloroethene
Concen: 1.257 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion:164 Resp: 5415
Ion Ratio Lower Upper
164 100
166 120.2 101.3 151.9
129 107.6 83.7 125.5
131 97.0 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

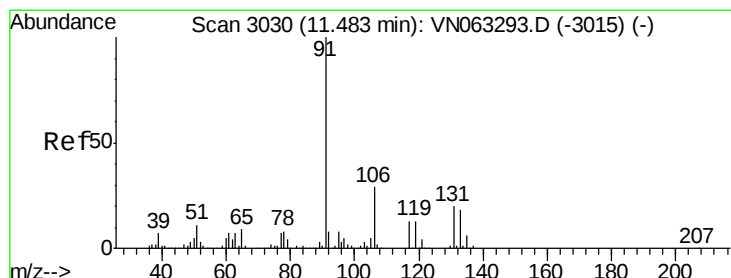
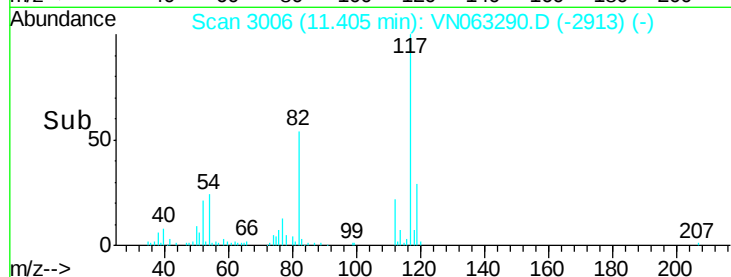
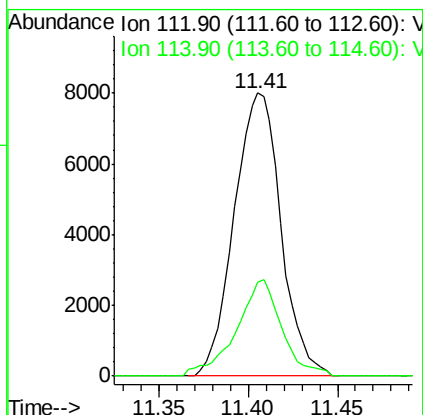
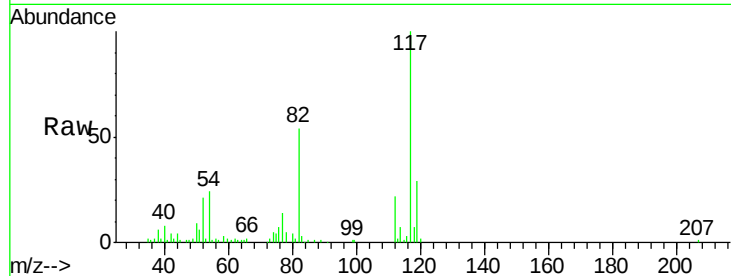




#65
Chlorobenzene
Concen: 1.235 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

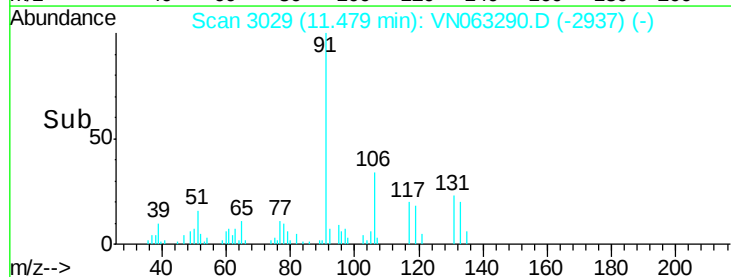
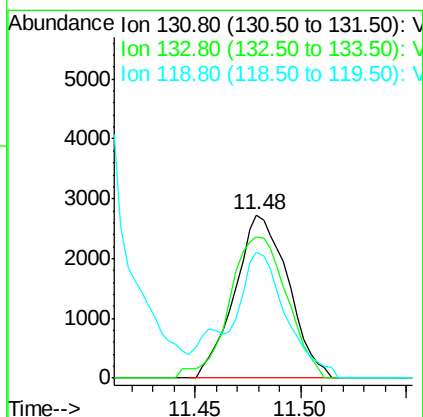
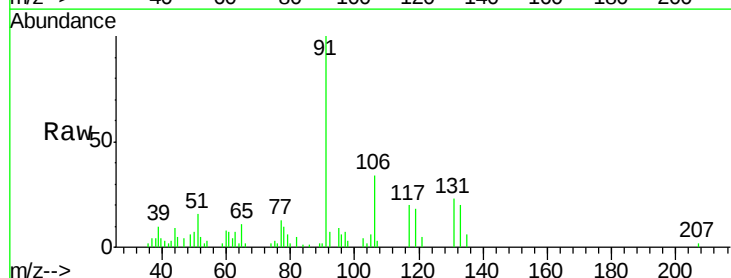
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

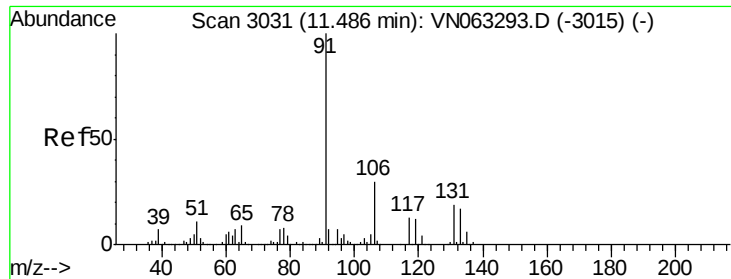
Tgt Ion:112 Resp: 14577
Ion Ratio Lower Upper
112 100
114 33.1 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.099 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion:131 Resp: 4791
Ion Ratio Lower Upper
131 100
133 93.6 47.4 142.2
119 0.0 33.8 101.3#

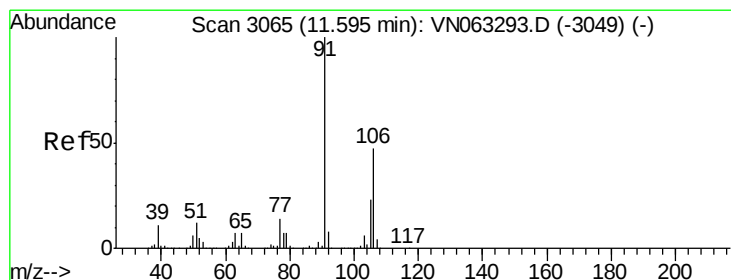
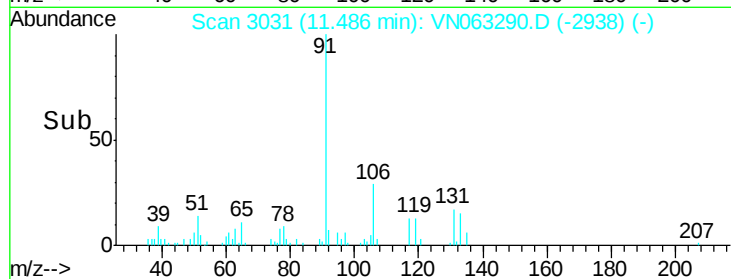
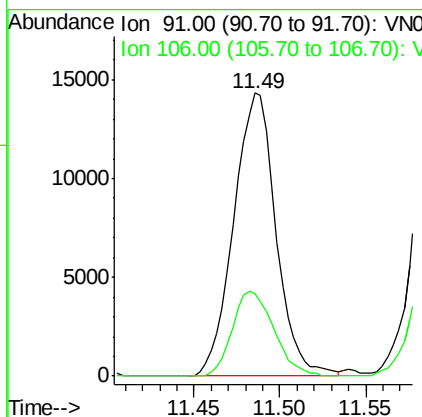
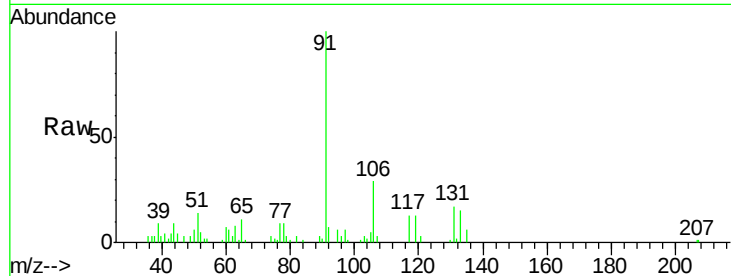




#67
Ethyl Benzene
Concen: 1.136 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

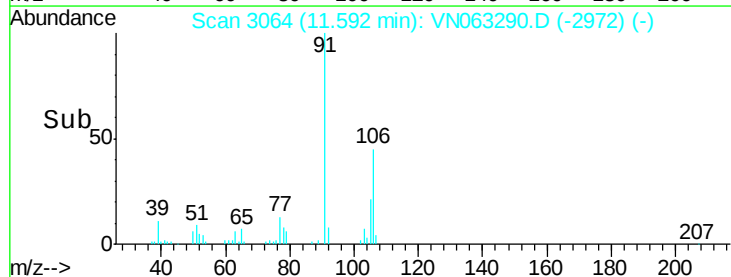
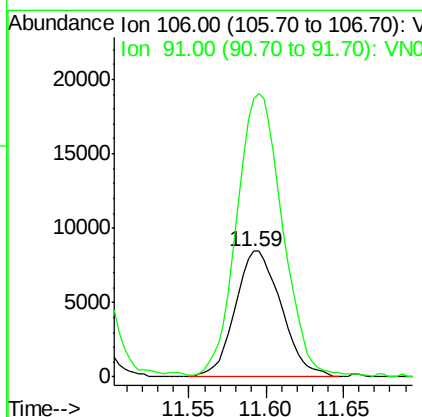
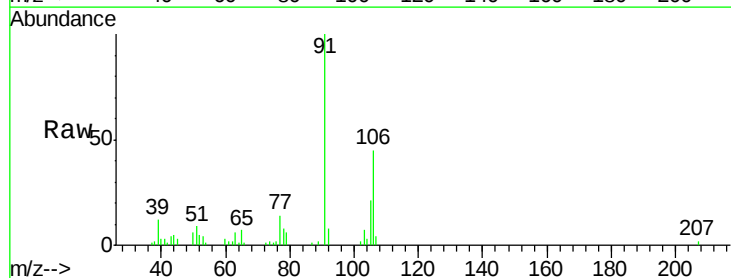
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

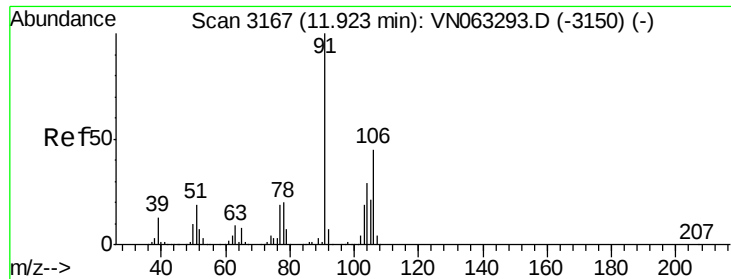
Tgt Ion: 91 Resp: 24450
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.6



#68
m/p-Xylenes
Concen: 2.199 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 106 Resp: 17470
Ion Ratio Lower Upper
106 100
91 220.4 169.8 254.8

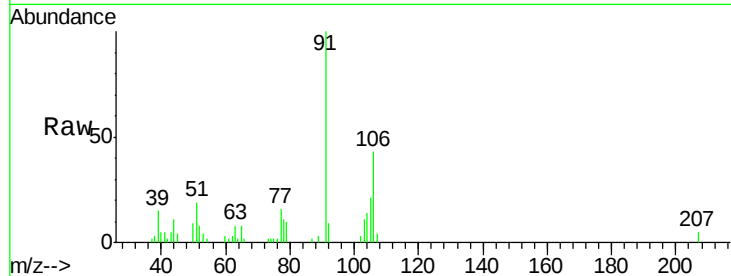




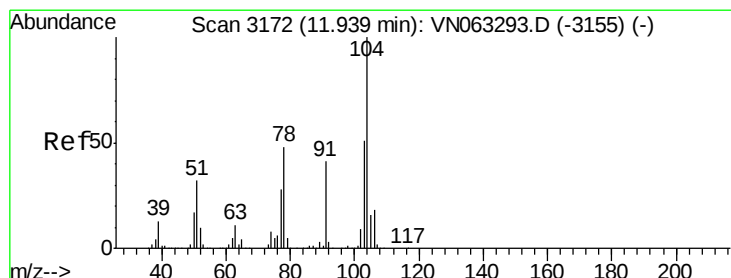
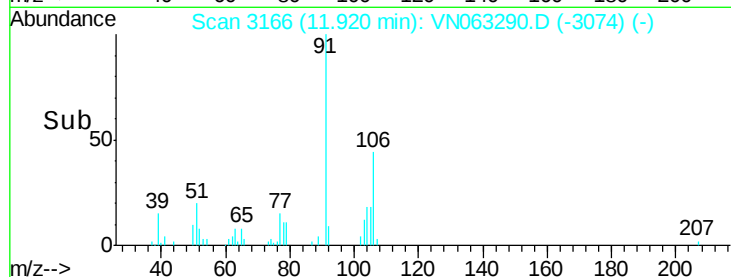
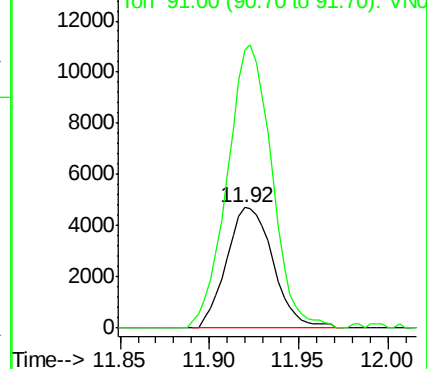
#69
o-Xylene
Concen: 1.118 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 8585
Ion Ratio Lower Upper
106 100
91 224.3 111.5 334.4

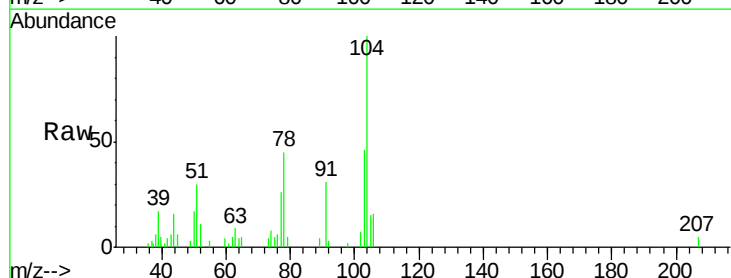


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

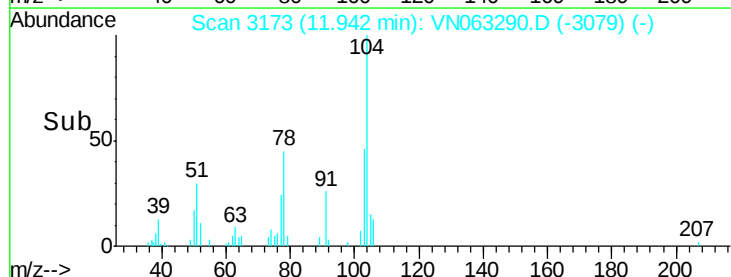
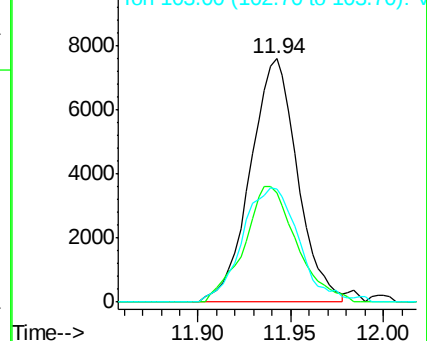


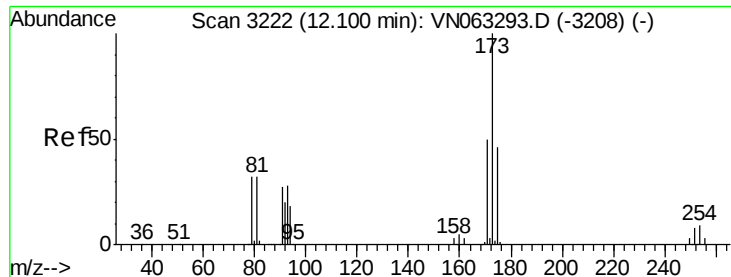
#70
Styrene
Concen: 1.018 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion:104 Resp: 13385
Ion Ratio Lower Upper
104 100
78 52.8 42.9 64.3
103 55.9 44.2 66.2



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: 1.061 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

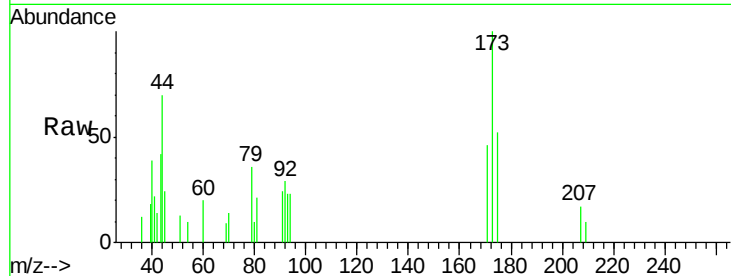
Tgt Ion:173 Resp: 3156

Ion Ratio Lower Upper

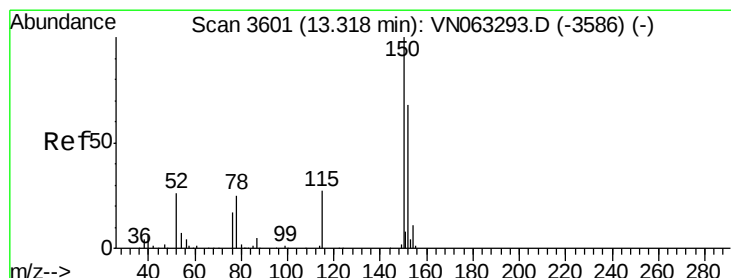
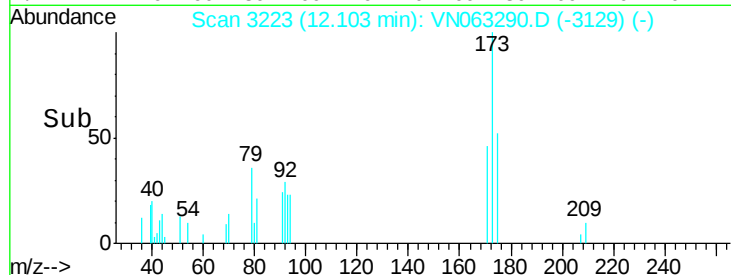
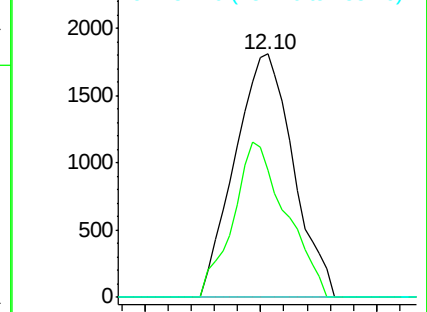
173 100

175 57.7 23.8 71.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

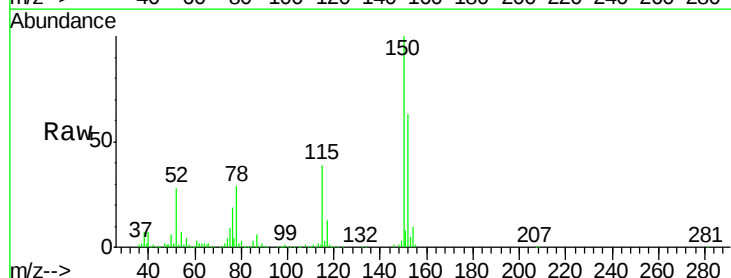
Tgt Ion:152 Resp: 244280

Ion Ratio Lower Upper

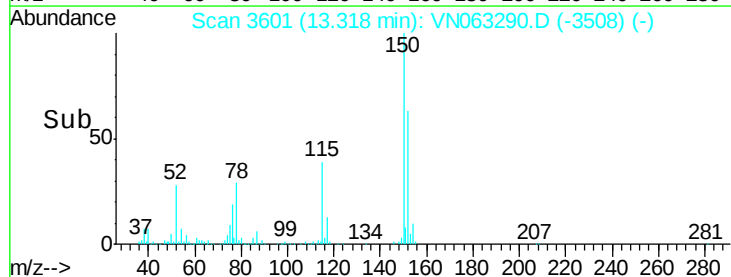
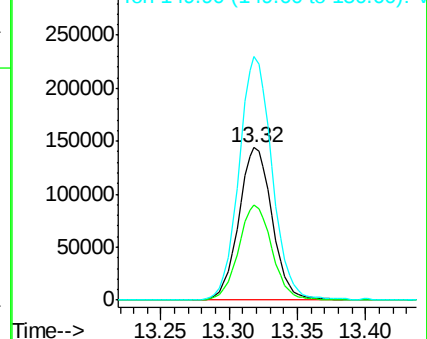
152 100

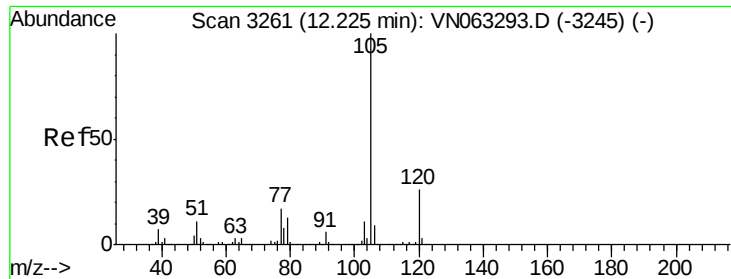
115 61.2 31.5 94.5

150 157.7 0.0 344.0



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





#73

Isopropylbenzene

Concen: 1.231 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

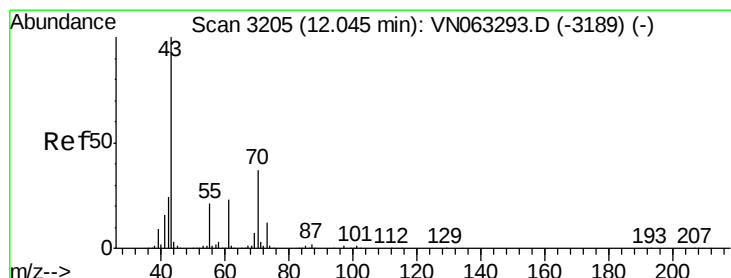
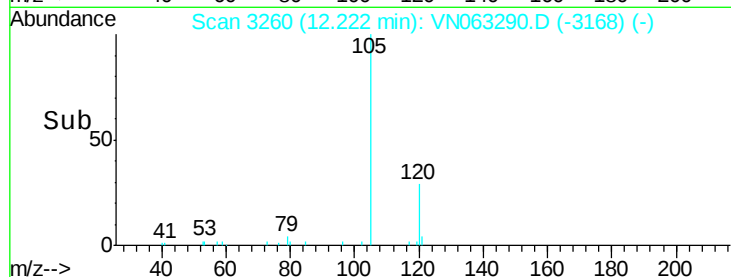
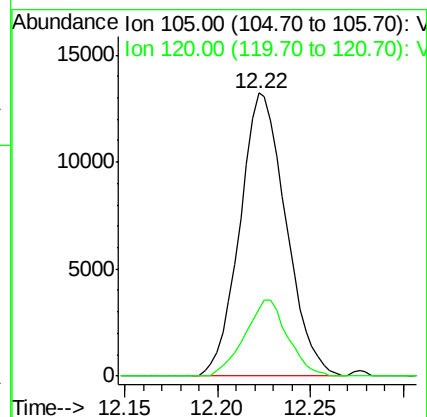
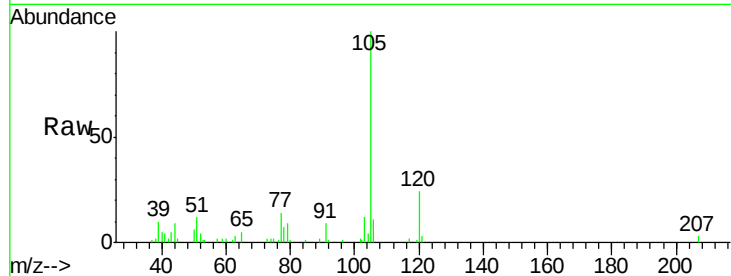
VSTDIC001

Tgt Ion: 105 Resp: 22877

Ion Ratio Lower Upper

105 100

120 25.0 13.0 38.9



#74

N-ethyl acetate

Concen: 0.819 ug/l

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Tgt Ion: 43 Resp: 6355

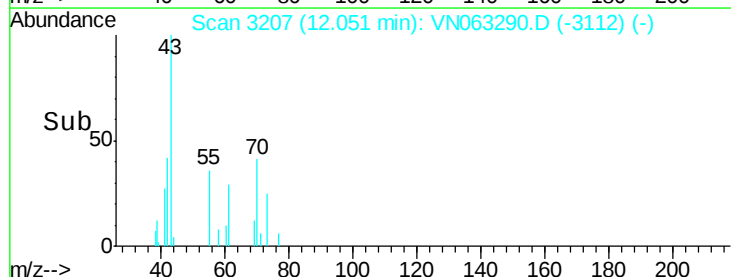
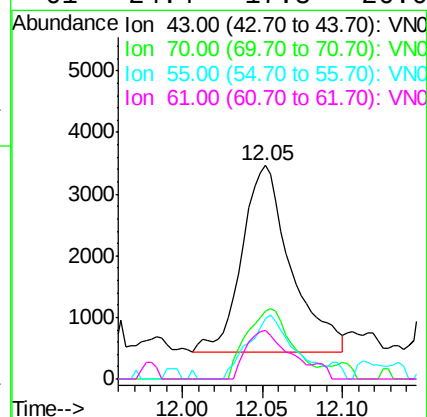
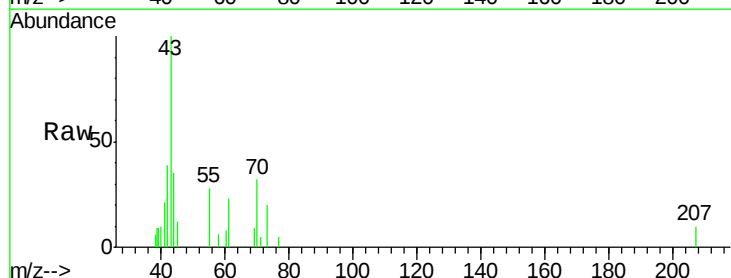
Ion Ratio Lower Upper

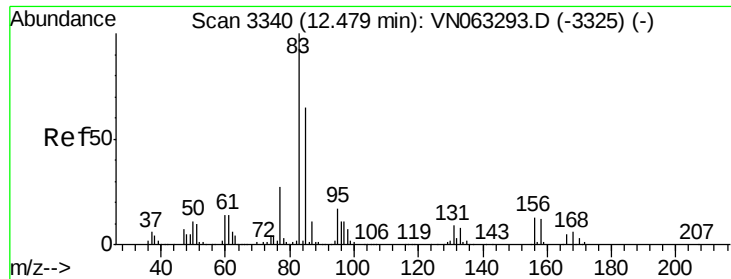
43 100

70 35.1 29.3 43.9

55 31.9 17.0 25.6#

61 24.4 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.259 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

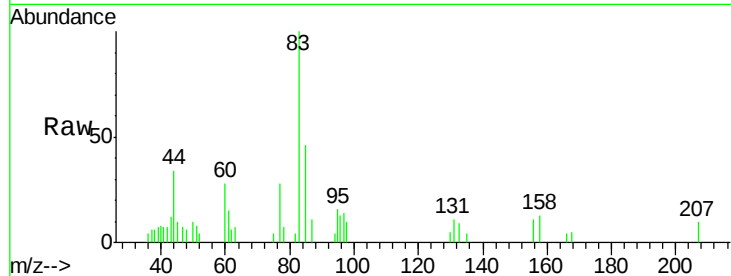
Tgt Ion: 83 Resp: 6720

Ion Ratio Lower Upper

83 100

131 8.4 4.7 14.1

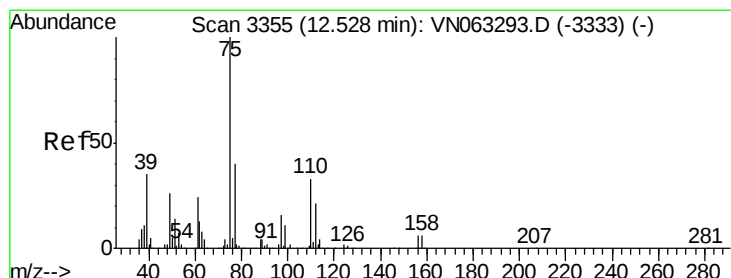
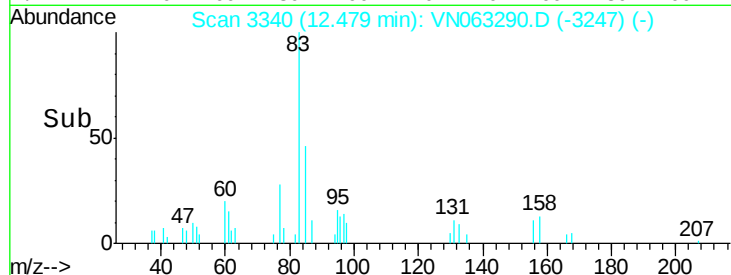
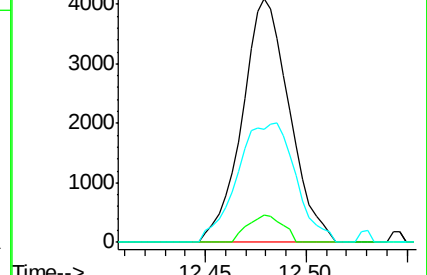
85 60.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN063290.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN063290.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN063290.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 1.677 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063290.D

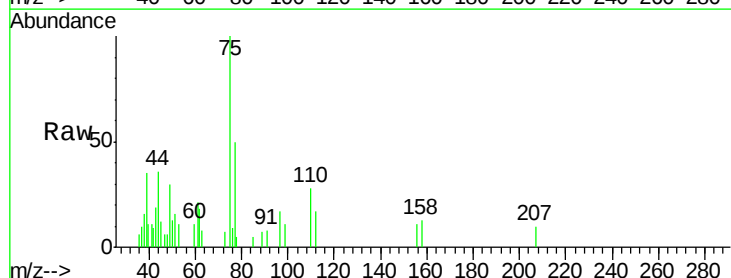
Acq: 10 Sep 2020 12:35

Tgt Ion: 75 Resp: 8764

Ion Ratio Lower Upper

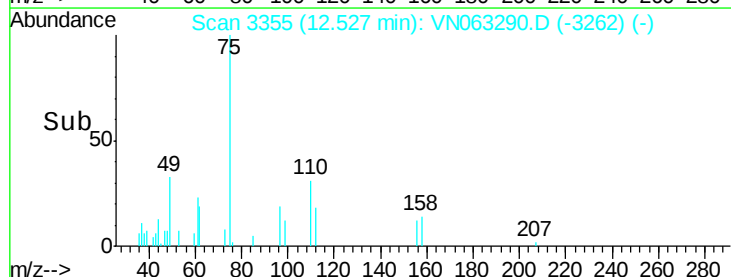
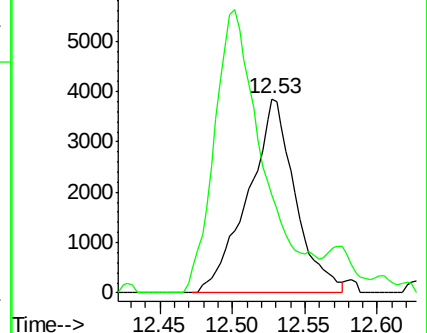
75 100

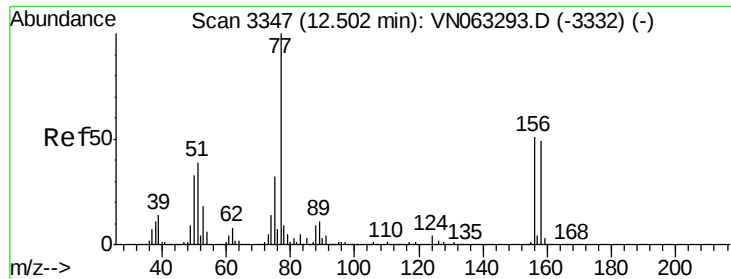
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063290.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN063290.D (-3355) (-)





#77

Bromobenzene

Concen: 1.339 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

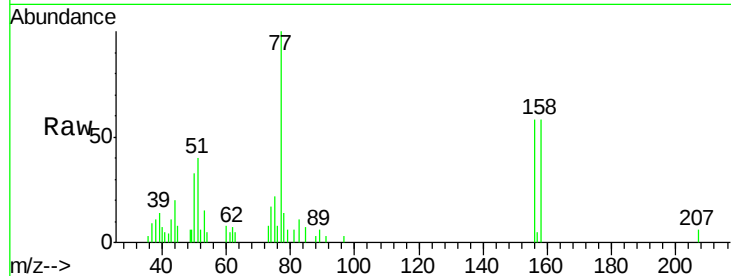
Tgt Ion:156 Resp: 5652

Ion Ratio Lower Upper

156 100

77 232.1 117.4 352.2

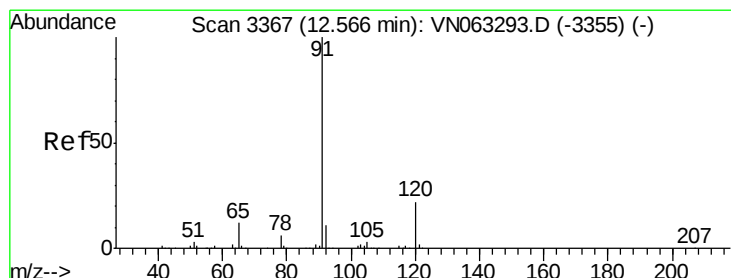
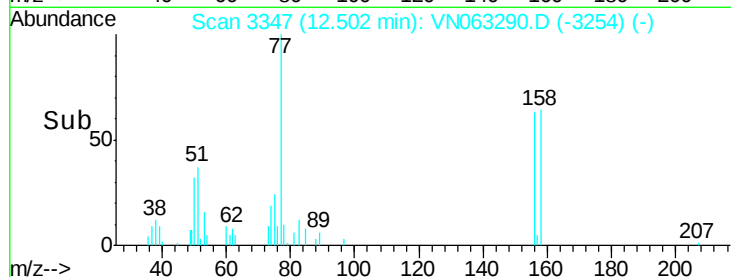
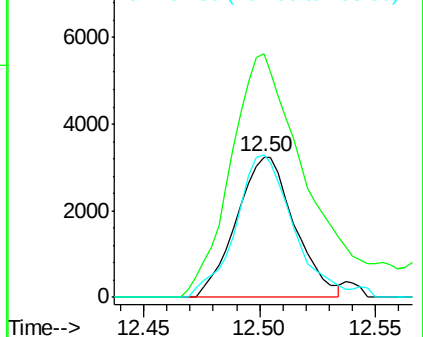
158 101.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.163 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063290.D

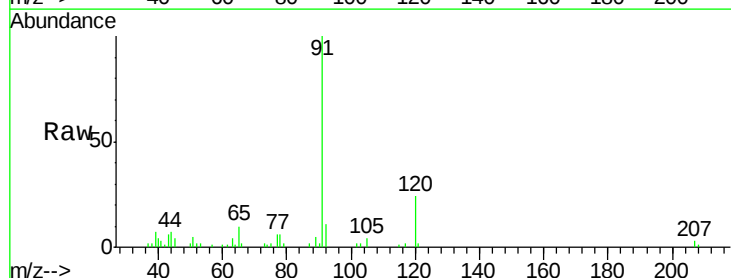
Acq: 10 Sep 2020 12:35

Tgt Ion: 91 Resp: 25000

Ion Ratio Lower Upper

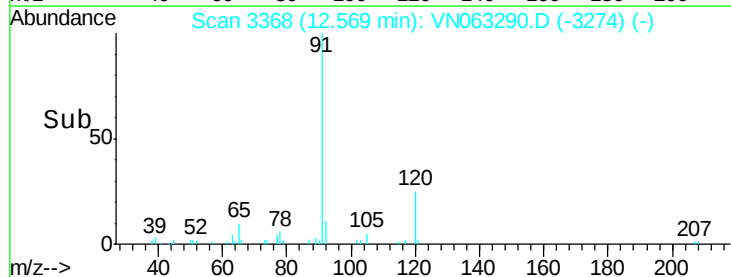
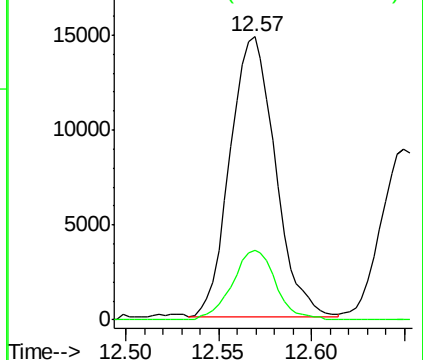
91 100

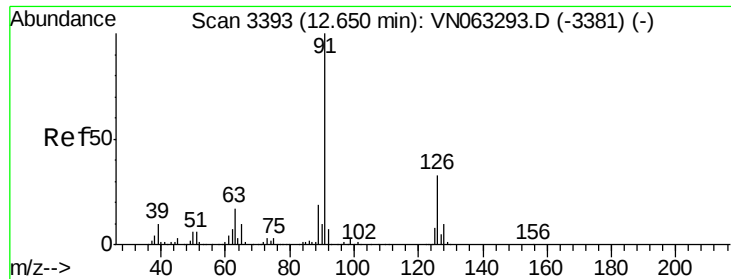
120 23.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.242 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

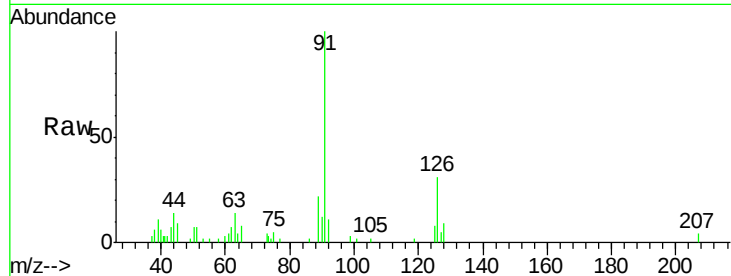
VSTDIC001

Tgt Ion: 91 Resp: 16040

Ion Ratio Lower Upper

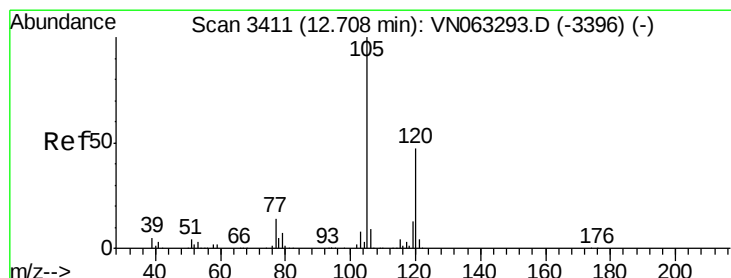
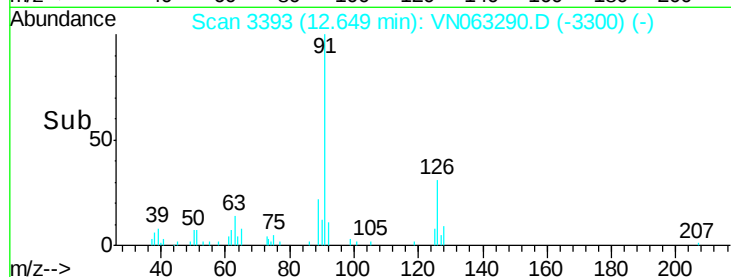
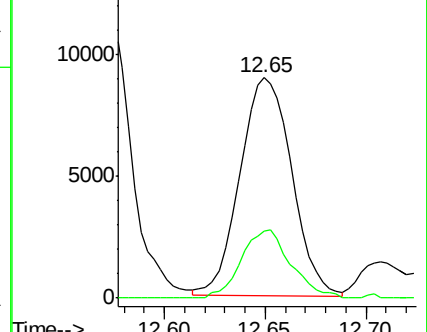
91 100

126 30.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN063290.D (-3381) (-)

Ion 125.90 (125.60 to 126.60): VN063290.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.167 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063290.D

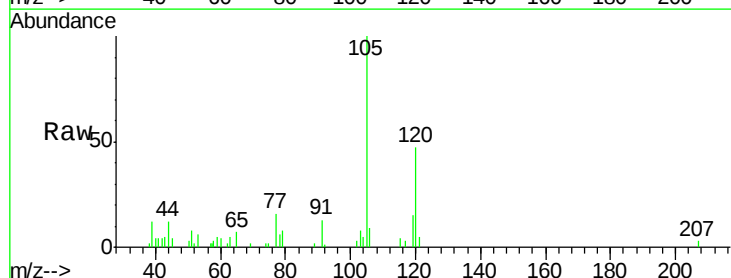
Acq: 10 Sep 2020 12:35

Tgt Ion: 105 Resp: 18130

Ion Ratio Lower Upper

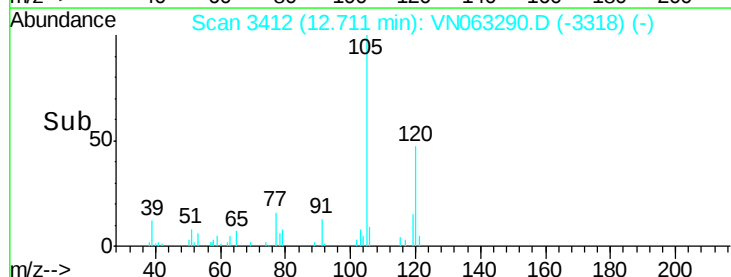
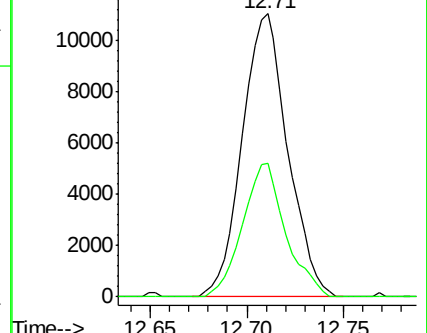
105 100

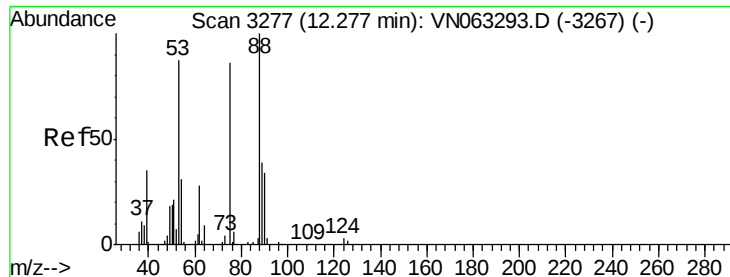
120 44.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN063290.D (-3396) (-)

Ion 120.00 (119.70 to 120.70): VN063290.D (-3396) (-)

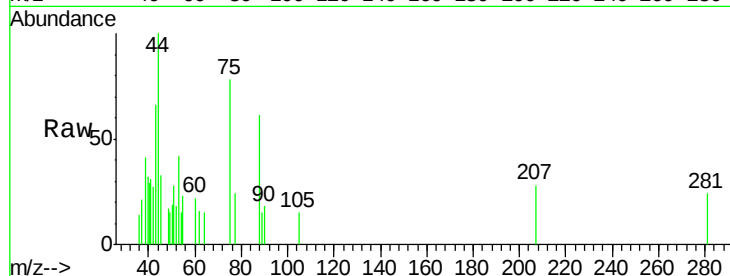




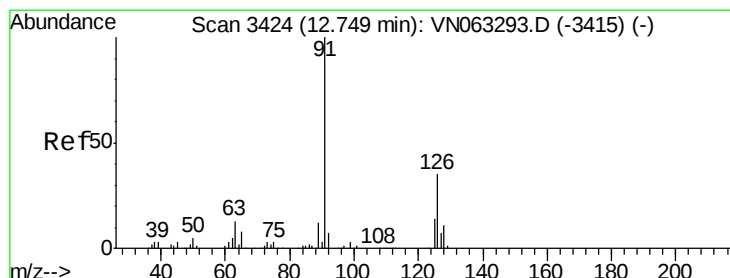
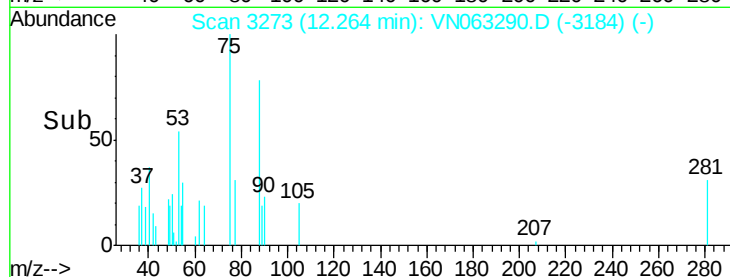
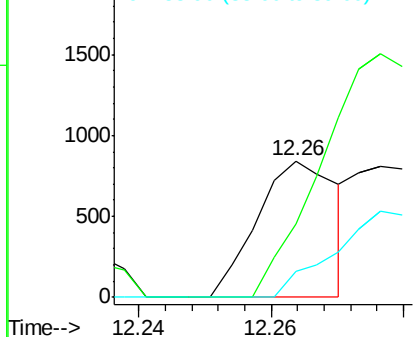
#81
trans-1,4-Dichloro-2-butene
Concen: 0.357 ug/l
RT: 12.26 min Scan# 3273
Delta R.T. -0.01 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 702
Ion Ratio Lower Upper
75 100
53 349.3 81.8 122.8#
89 92.9 36.7 55.1#

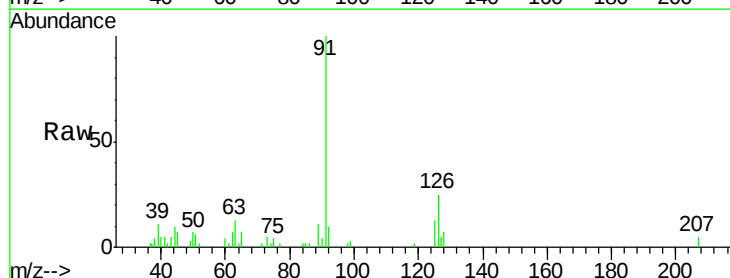


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

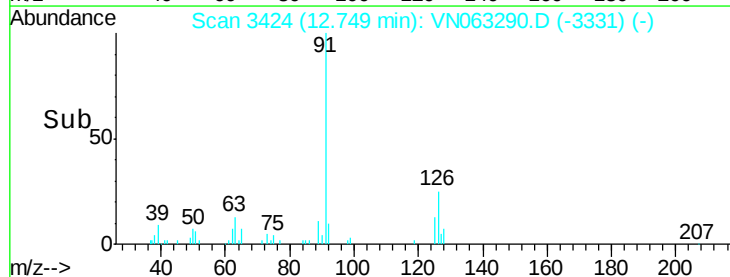
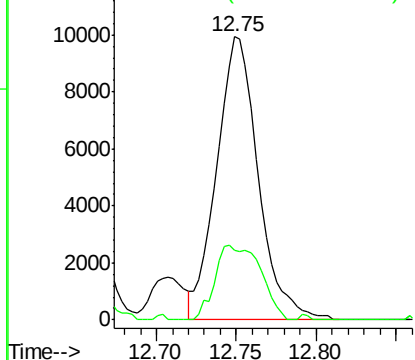


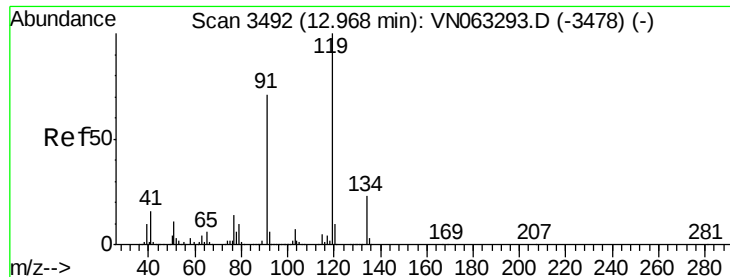
#82
4-Chlorotoluene
Concen: 1.321 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 91 Resp: 17668
Ion Ratio Lower Upper
91 100
126 28.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.249 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

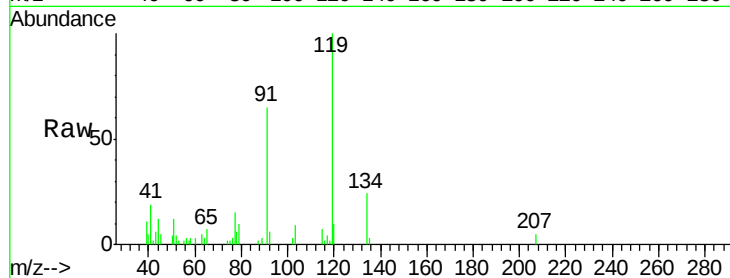
Tgt Ion:119 Resp: 16564

Ion Ratio Lower Upper

119 100

91 68.0 34.8 104.3

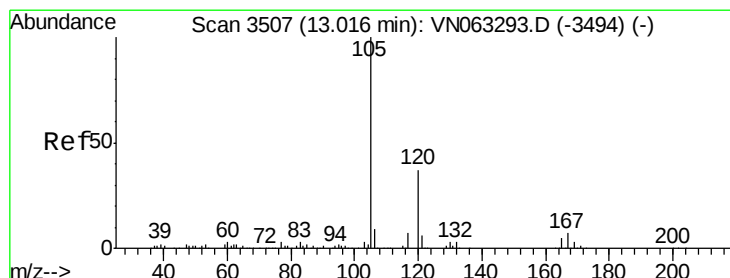
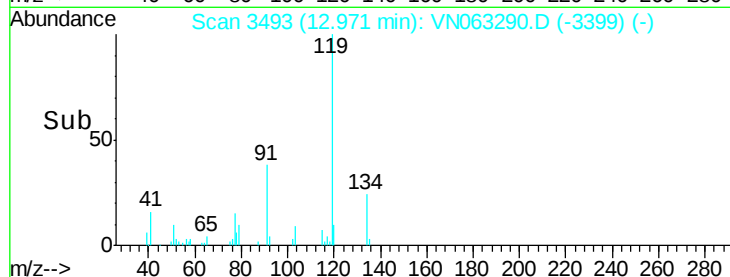
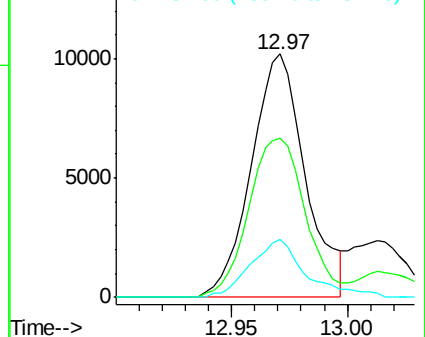
134 24.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.170 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063290.D

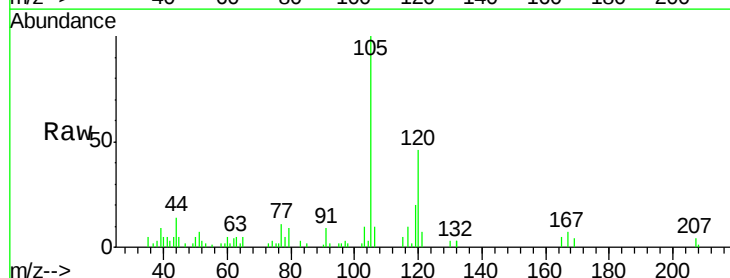
Acq: 10 Sep 2020 12:35

Tgt Ion:105 Resp: 18322

Ion Ratio Lower Upper

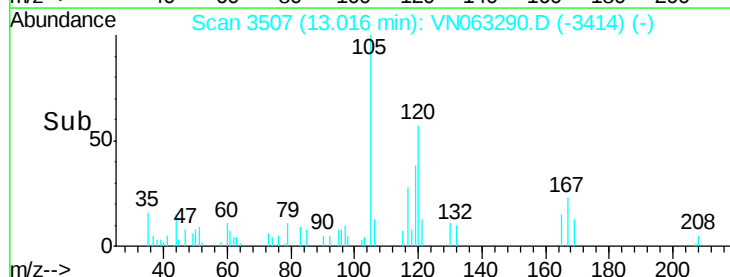
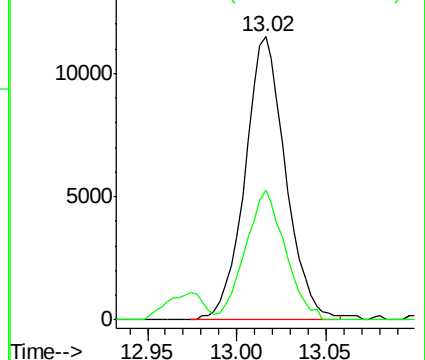
105 100

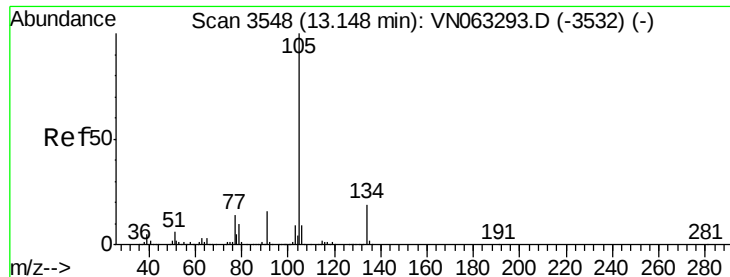
120 45.0 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

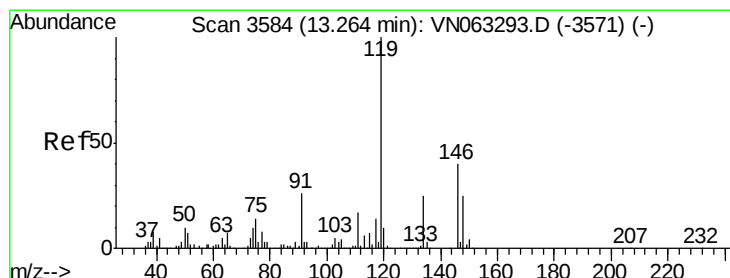
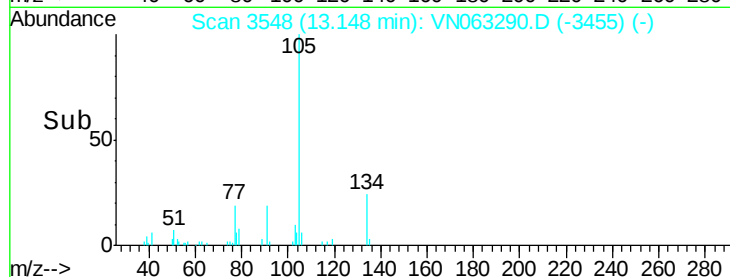
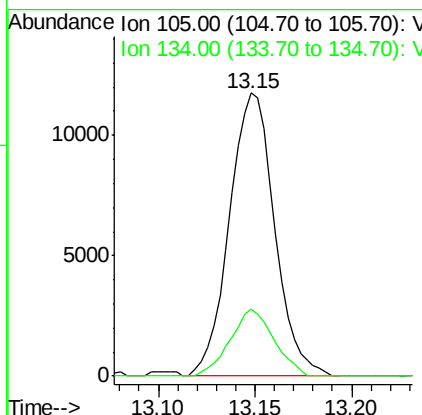
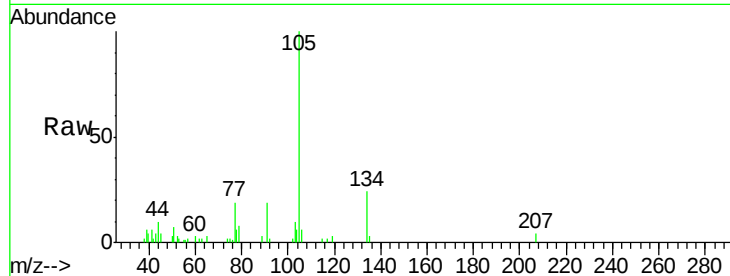




#85
 sec-Butylbenzene
 Concen: 1.110 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

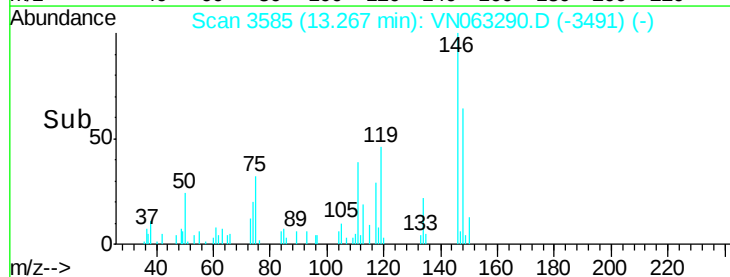
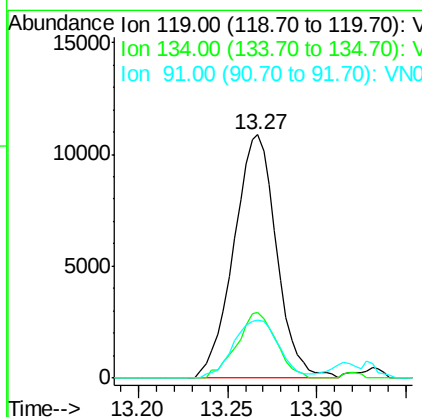
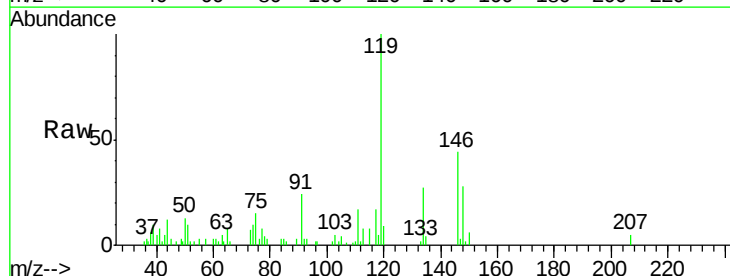
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

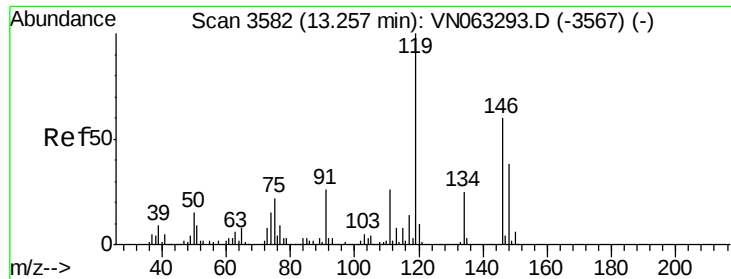
Tgt Ion:105 Resp: 19086
 Ion Ratio Lower Upper
 105 100
 134 22.8 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 1.187 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion:119 Resp: 18171
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 25.4 12.8 38.3

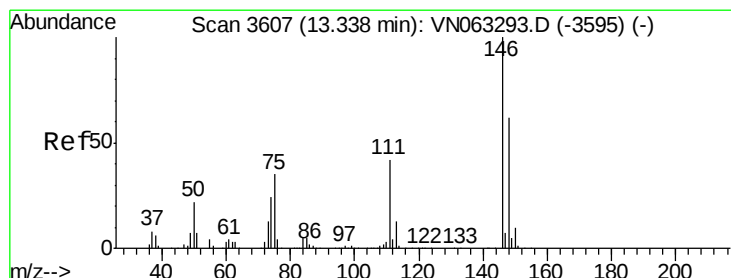
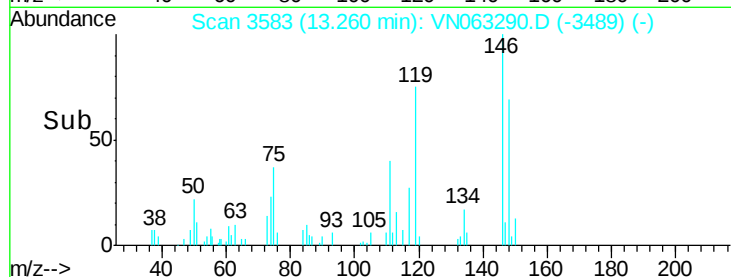
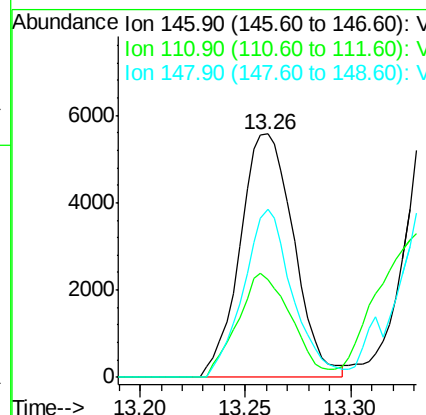
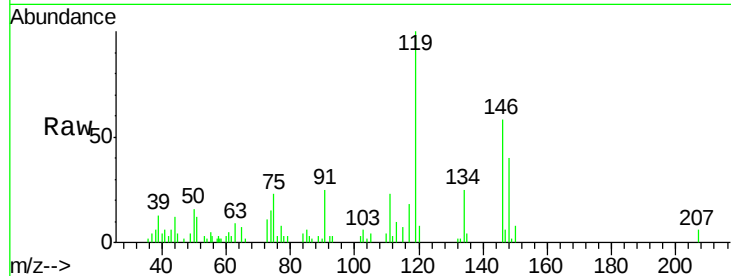




#87
 1,3-Dichlorobenzene
 Concen: 1.277 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

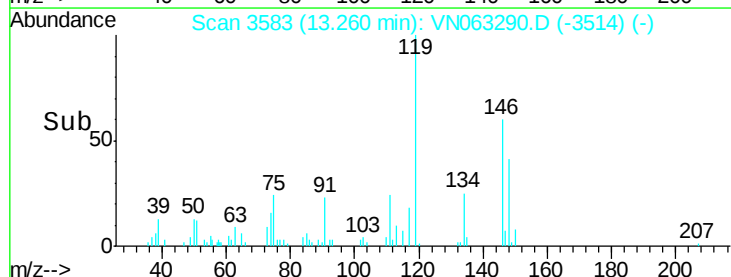
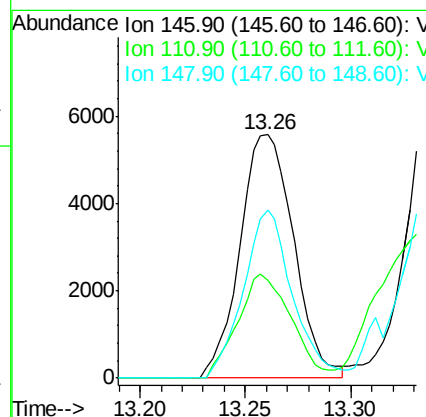
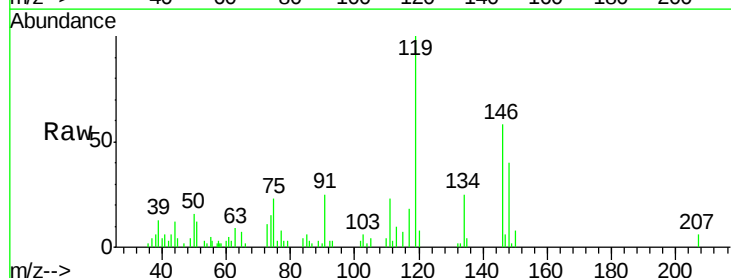
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

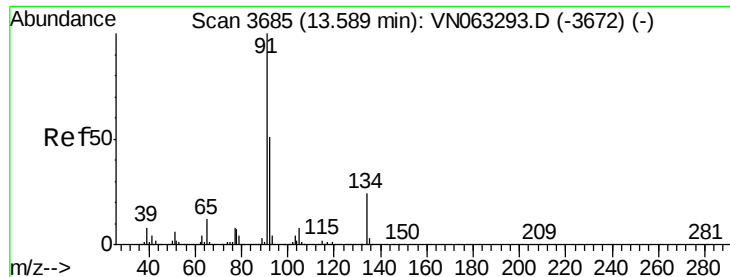
Tgt Ion:146 Resp: 9882
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.8 65.4
 148 63.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 1.238 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.08 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion:146 Resp: 9882
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 63.2 31.5 94.5

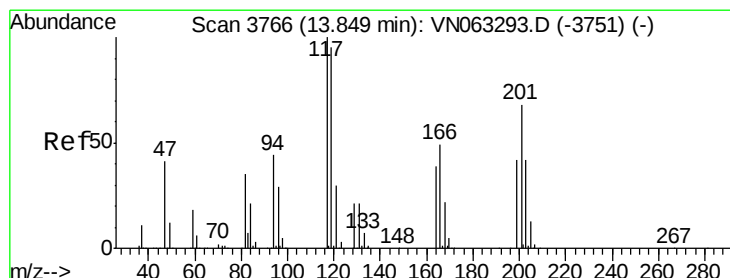
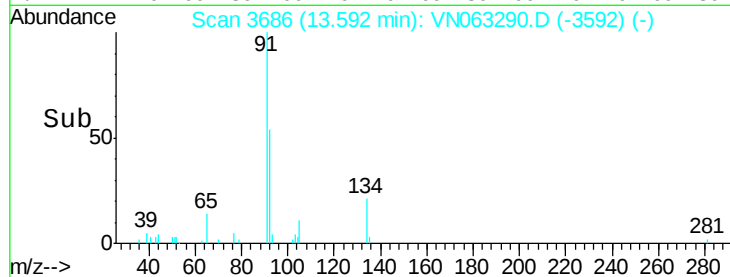
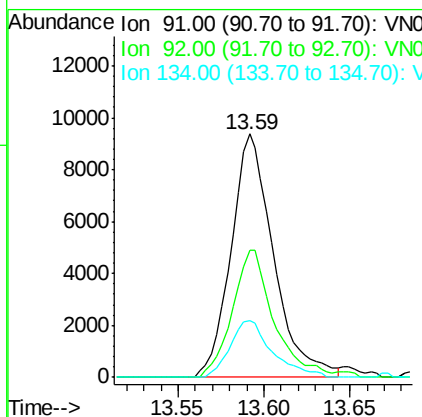
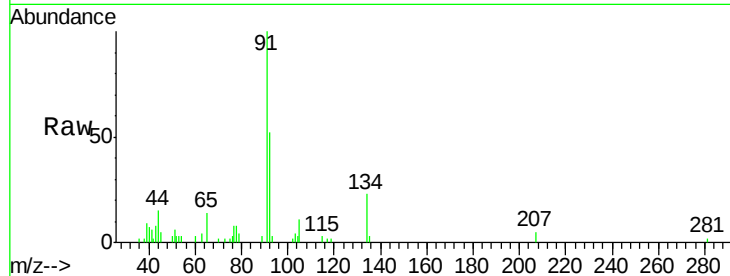




#89
n-Butylbenzene
Concen: 1.141 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

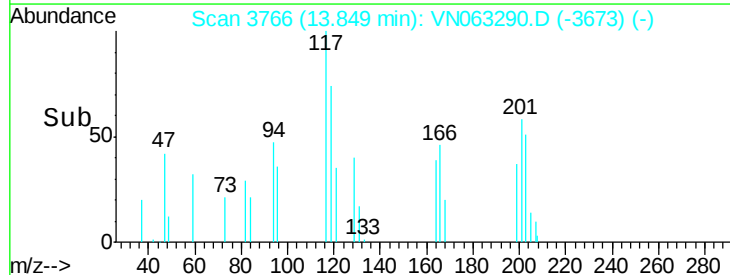
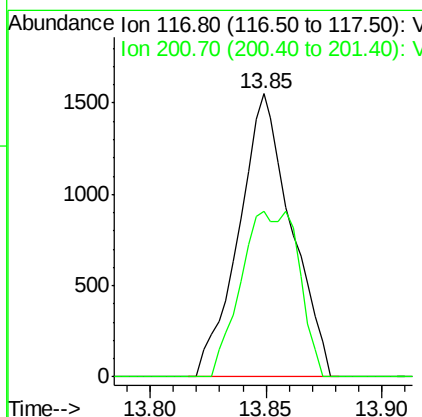
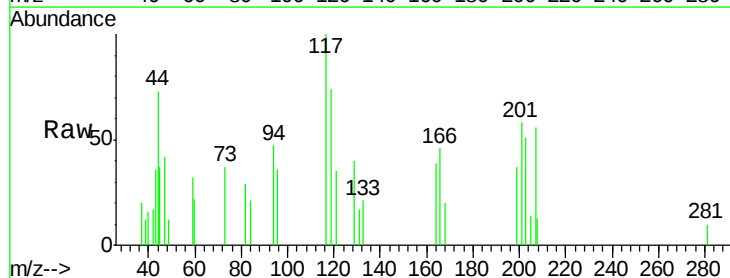
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

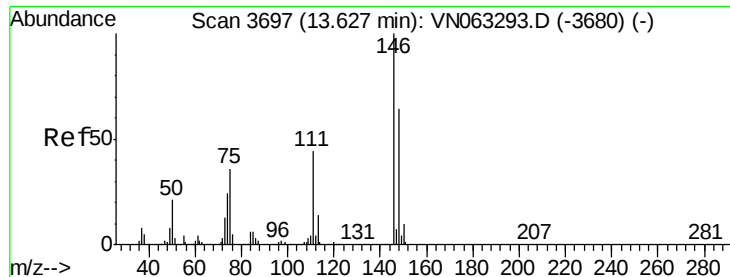
Tgt Ion: 91 Resp: 16156
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 23.2 12.0 36.0



#90
Hexachloroethane
Concen: 0.867 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063290.D
Acq: 10 Sep 2020 12:35

Tgt Ion: 117 Resp: 2446
Ion Ratio Lower Upper
117 100
201 64.5 33.5 100.4

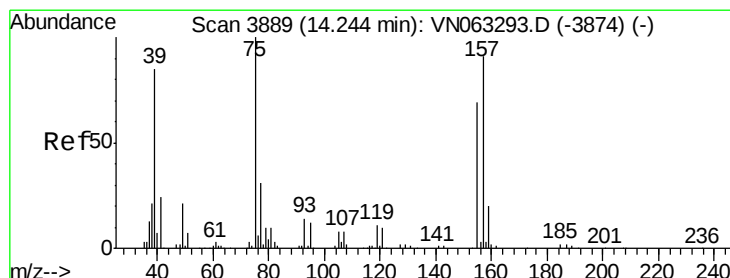
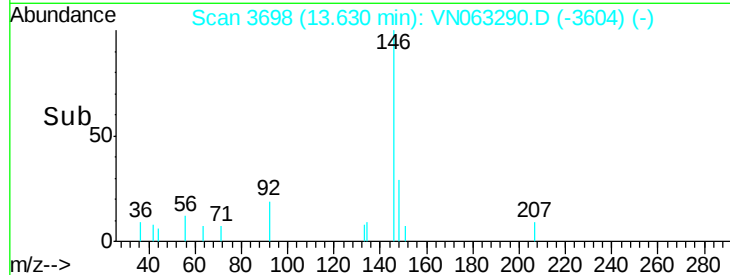
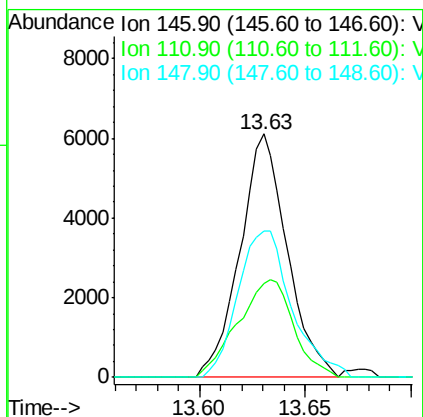
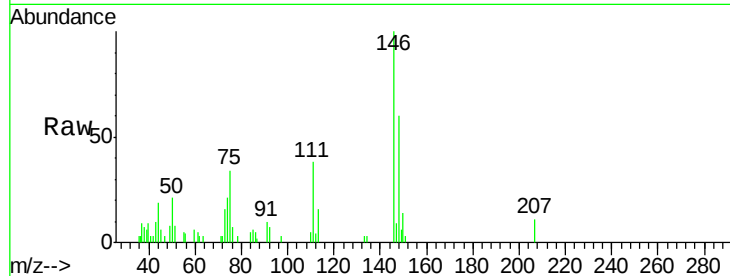




#91
 1,2-Dichlorobenzene
 Concen: 1.267 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

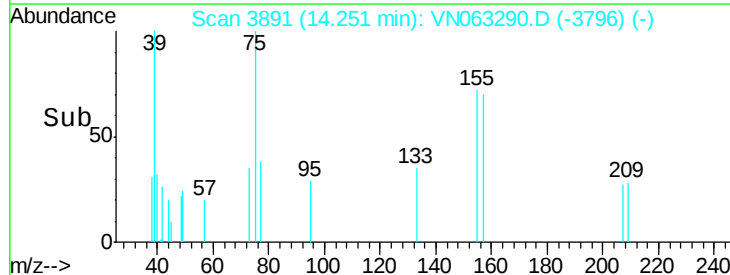
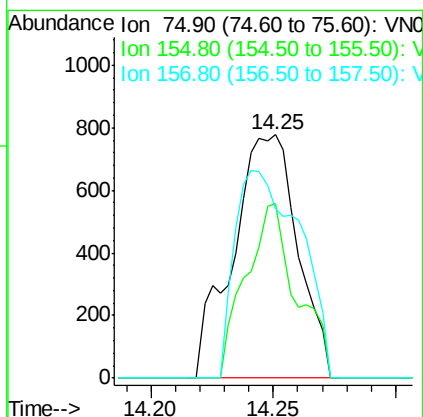
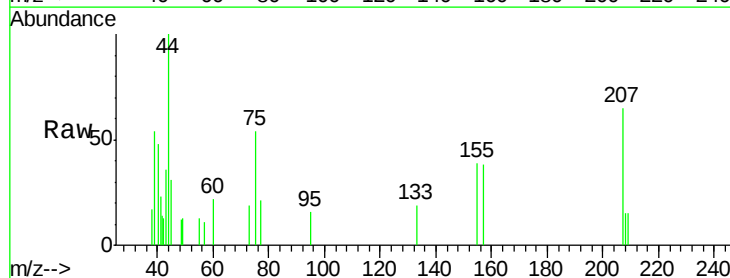
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

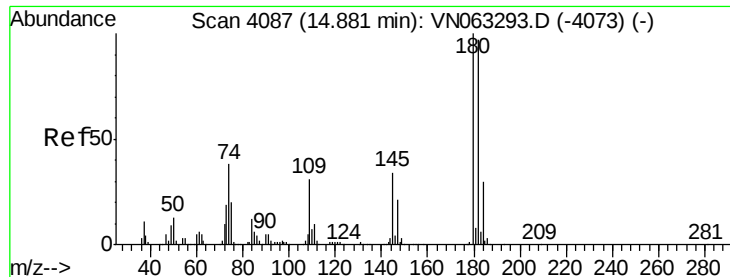
Tgt Ion: 146 Resp: 9520
 Ion Ratio Lower Upper
 146 100
 111 47.2 22.1 66.5
 148 68.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.201 ug/l
 RT: 14.25 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion: 75 Resp: 1436
 Ion Ratio Lower Upper
 75 100
 155 55.9 35.3 105.7
 157 85.7 46.7 140.0

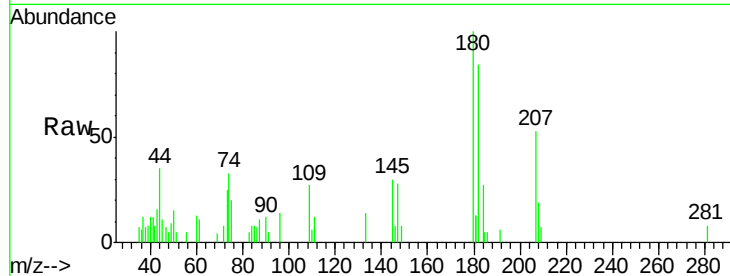




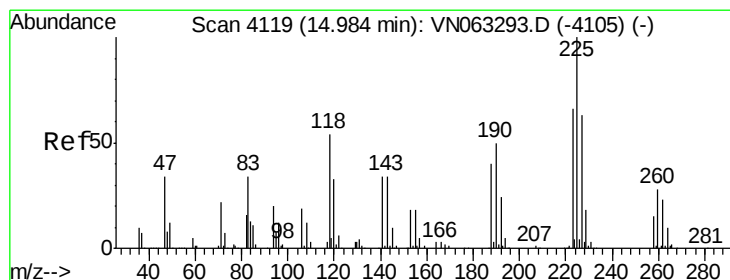
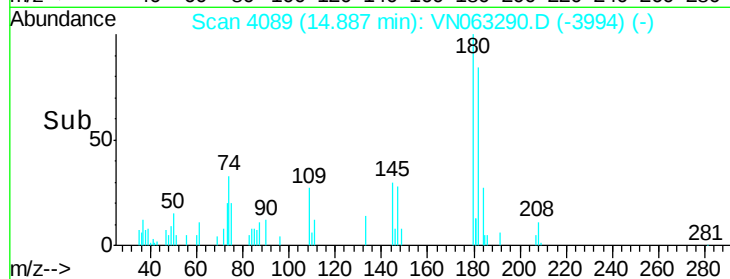
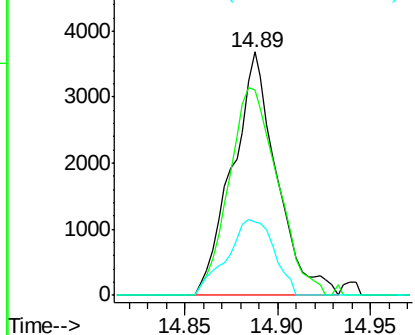
#93
 1,2,4-Trichlorobenzene
 Concen: 1.433 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 6084
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.0 144.2
 145 33.2 16.6 49.8

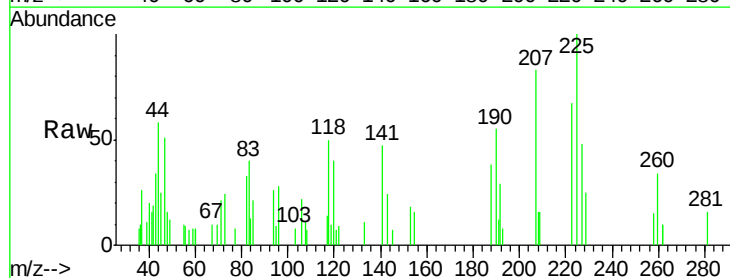


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

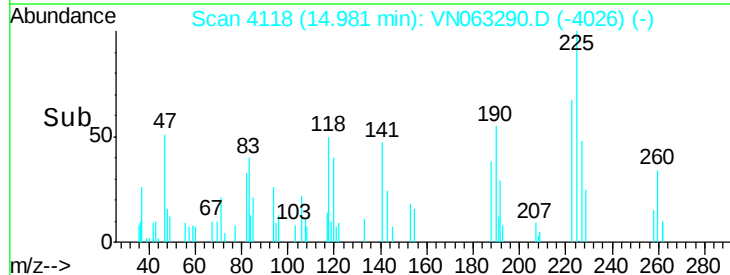
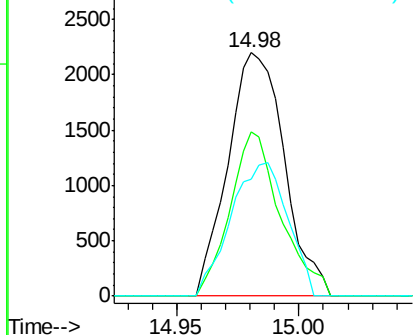


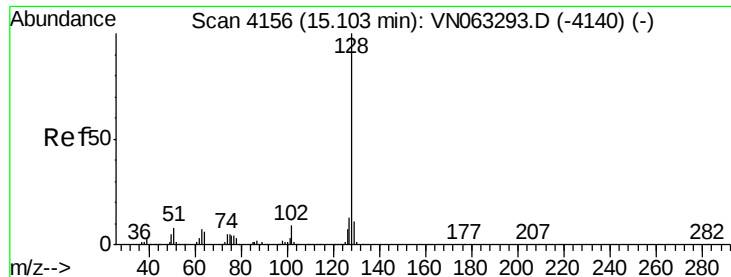
#94
 Hexachlorobutadiene
 Concen: 2.205 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063290.D
 Acq: 10 Sep 2020 12:35

Tgt Ion:225 Resp: 3538
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.3 93.9
 227 55.3 31.2 93.6



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





#95

Naphthalene

Concen: 1.611 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

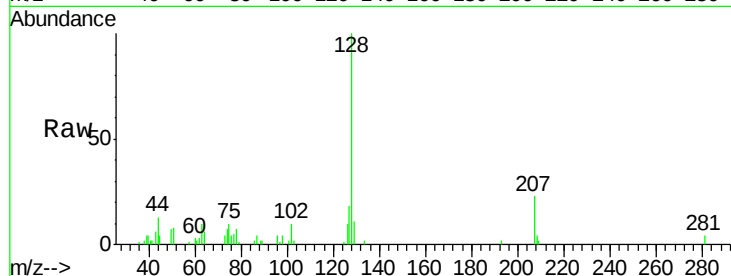
Tgt Ion:128 Resp: 22375

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

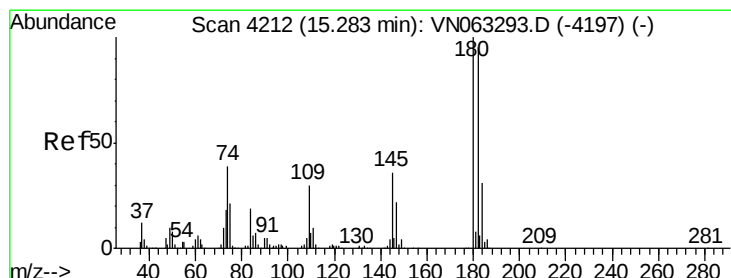
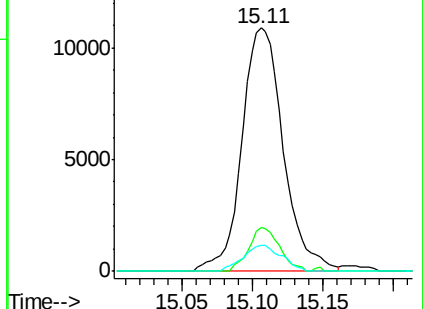
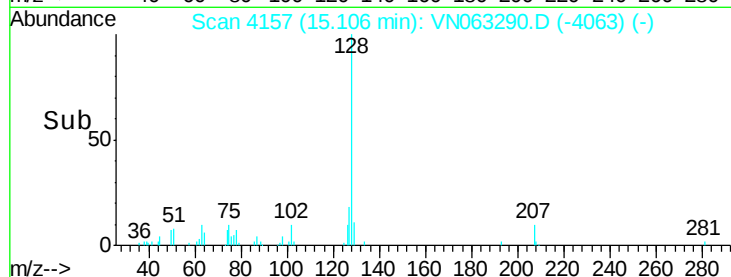
129 9.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.568 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063290.D

Acq: 10 Sep 2020 12:35

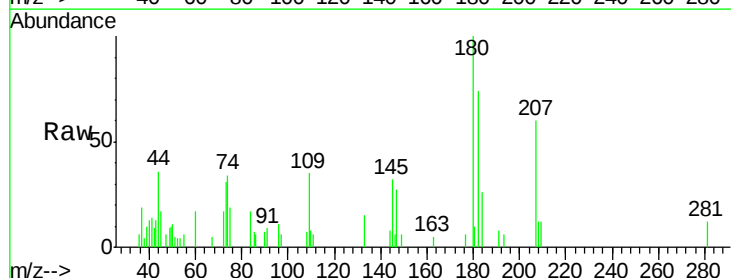
Tgt Ion:180 Resp: 6485

Ion Ratio Lower Upper

180 100

182 89.8 47.4 142.3

145 39.3 17.2 51.6



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

