

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062293.D
 Acq On : 1 Jul 2020 15:42
 Operator : JC/MD
 Sample : VN0701MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

Quant Time: Jul 02 06:53:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166917	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.55	113	127495	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.06	98	509381	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.38	95	168380	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	42571	17.003	ug/l 96
3) Chloromethane	2.03	50	58860	19.143	ug/l 98
4) Vinyl Chloride	2.16	62	68040	17.257	ug/l 95
5) Bromomethane	2.53	94	45281	17.769	ug/l 97
6) Chloroethane	2.67	64	46737	17.352	ug/l 96
7) Trichlorofluoromethane	2.98	101	81489	16.773	ug/l 98
8) Diethyl Ether	3.37	74	33702	19.866	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	47684	18.742	ug/l 98
10) Methyl Iodide	3.91	142	51678	18.036	ug/l 99
11) Tert butyl alcohol	4.73	59	47747	106.983	ug/l 100
12) 1,1-Dichloroethene	3.70	96	47196	18.556	ug/l 95
13) Acrolein	3.57	56	40050	91.656	ug/l 98
14) Allyl chloride	4.27	41	72196	20.849	ug/l 98
15) Acrylonitrile	4.93	53	128017	105.260	ug/l 99
16) Acetone	3.78	43	113925	114.568	ug/l 99
17) Carbon Disulfide	4.00	76	129257	17.775	ug/l 100
18) Methyl Acetate	4.28	43	56500	22.865	ug/l 94
19) Methyl tert-butyl Ether	5.00	73	160439	19.741	ug/l 96
20) Methylene Chloride	4.50	84	59029	20.559	ug/l 93
21) trans-1,2-Dichloroethene	4.99	96	51186	17.666	ug/l 94
22) Diisopropyl ether	5.90	45	164770	20.898	ug/l 95
23) Vinyl Acetate	5.84	43	669902	104.067	ug/l 98
24) 1,1-Dichloroethane	5.80	63	102147	20.119	ug/l 99
25) 2-Butanone	6.79	43	162559	106.991	ug/l 95
26) 2,2-Dichloropropane	6.78	77	83987	19.851	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	59998	18.402	ug/l 95
28) Bromochloromethane	7.15	49	44719	20.300	ug/l 90
29) Tetrahydrofuran	7.17	42	106997	107.507	ug/l 96
30) Chloroform	7.33	83	98493	19.067	ug/l 98
31) Cyclohexane	7.62	56	83419	19.424	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	80190	18.408	ug/l 97
36) 1,1-Dichloropropene	7.75	75	72240	17.388	ug/l 98
37) Ethyl Acetate	6.88	43	67598	19.650	ug/l 97
38) Carbon Tetrachloride	7.73	117	65981	16.846	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76988	16.913	ug/l	97
40) Benzene	8.00	78	227110	17.935	ug/l	99
41) Methacrylonitrile	7.12	41	22469	14.088	ug/l #	70
42) 1,2-Dichloroethane	8.09	62	80292	18.767	ug/l	98
43) Isopropyl Acetate	8.13	43	111163	19.822	ug/l #	89
44) Trichloroethene	8.80	130	51444	16.105	ug/l	97
45) 1,2-Dichloropropane	9.08	63	59071	18.909	ug/l	98
46) Dibromomethane	9.18	93	38374	18.117	ug/l	94
47) Bromodichloromethane	9.37	83	78406	18.333	ug/l	99
48) Methyl methacrylate	9.17	41	49915	19.851	ug/l	96
49) 1,4-Dioxane	9.17	88	20634	370.038	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	338509	103.313	ug/l	98
52) Toluene	10.12	92	140239	18.151	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	84814	18.026	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	91550	18.276	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56790	18.699	ug/l	98
56) Ethyl methacrylate	10.40	69	75899	18.726	ug/l	96
57) 1,3-Dichloropropane	10.68	76	97560	18.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143624	93.971	ug/l	96
59) 2-Hexanone	10.72	43	242828	102.633	ug/l	97
60) Dibromochloromethane	10.87	129	54742	17.025	ug/l	98
61) 1,2-Dibromoethane	10.98	107	54051	17.320	ug/l	99
64) Tetrachloroethene	10.60	164	42109	16.345	ug/l	96
65) Chlorobenzene	11.41	112	144241	17.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49900	17.424	ug/l	98
67) Ethyl Benzene	11.48	91	256385	18.330	ug/l	99
68) m/p-Xylenes	11.60	106	189993	35.118	ug/l	96
69) o-Xylene	11.92	106	91507	17.927	ug/l	96
70) Styrene	11.94	104	152293	17.889	ug/l	98
71) Bromoform	12.10	173	33718	16.559	ug/l #	98
73) Isopropylbenzene	12.22	105	242989	19.311	ug/l	100
74) N-amyl acetate	12.05	43	89112	21.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84256	20.121	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	102633	26.820	ug/l #	100
77) Bromobenzene	12.50	156	55376	17.726	ug/l	89
78) n-propylbenzene	12.57	91	279758	19.437	ug/l	99
79) 2-Chlorotoluene	12.65	91	168102	19.319	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	196195	19.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	25798	19.688	ug/l	94
82) 4-Chlorotoluene	12.75	91	170432	18.941	ug/l	99
83) tert-Butylbenzene	12.97	119	164485	18.842	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	197178	19.354	ug/l	98
85) sec-Butylbenzene	13.15	105	221794	19.227	ug/l	98
86) p-Isopropyltoluene	13.26	119	189548	18.755	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	97604	17.792	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	98369	17.396	ug/l	97
89) n-Butylbenzene	13.59	91	155309	18.484	ug/l	99
90) Hexachloroethane	13.85	117	35958	18.135	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	97887	18.401	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14144	21.085	ug/l	91

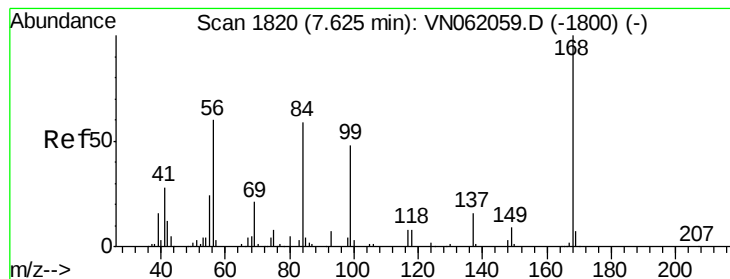
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
Data File : VN062293.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39920	17.178	ug/l	97
94) Hexachlorobutadiene	14.98	225	17886	17.721	ug/l	99
95) Naphthalene	15.10	128	117195	17.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41536	17.480	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampled :

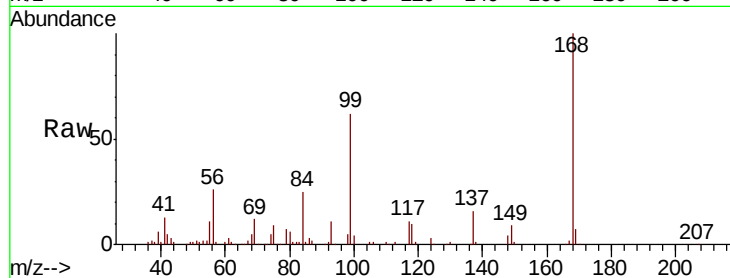
VN0701MBS01

Tot Ion:168 Resp: 221504

Ion Ratio Lower Upper

168 100

99 61.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

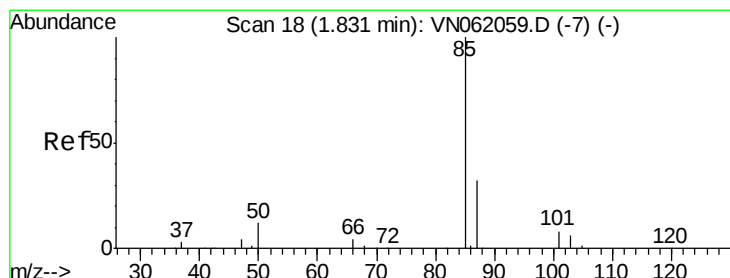
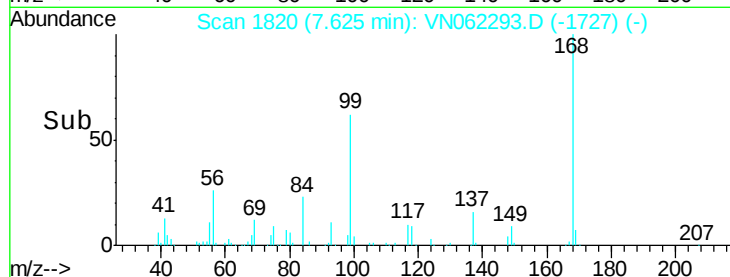
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.003 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062293.D

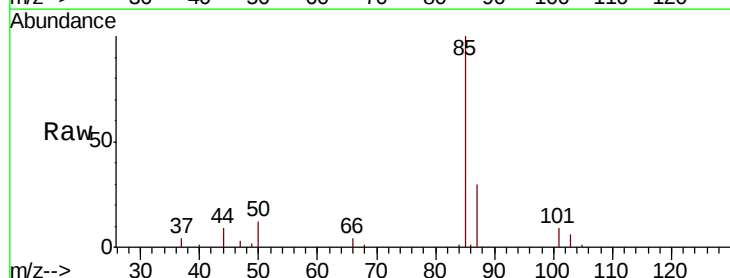
Acq: 1 Jul 2020 15:42

Tgt Ion: 85 Resp: 42571

Ion Ratio Lower Upper

85 100

87 29.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

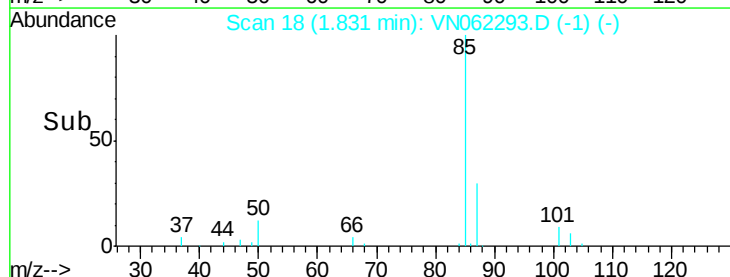
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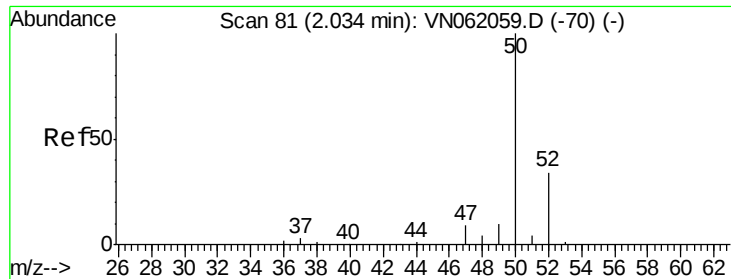
20000

10000

0

Time--> 1.80 1.85 1.90

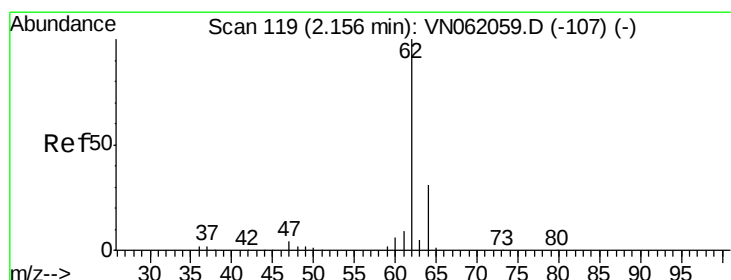
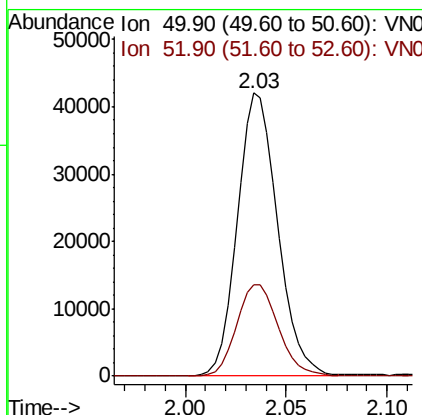
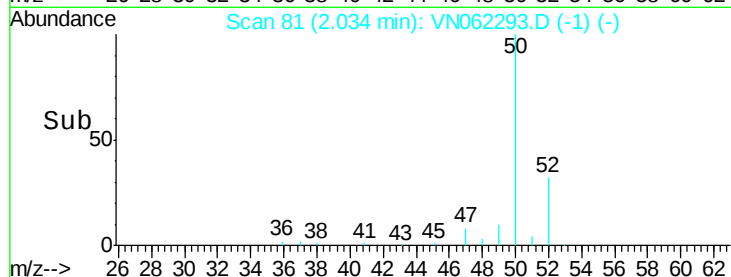
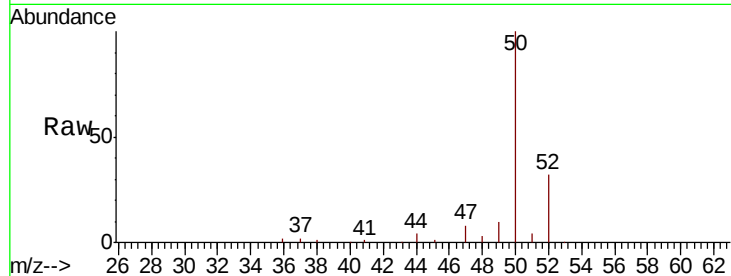




#3
 Chloromethane
 Concen: 19.143 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

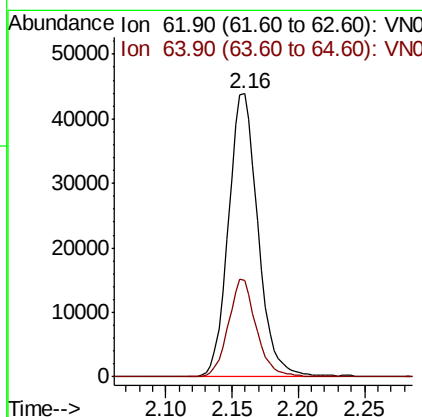
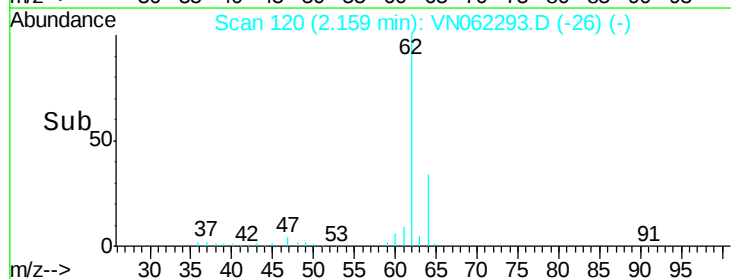
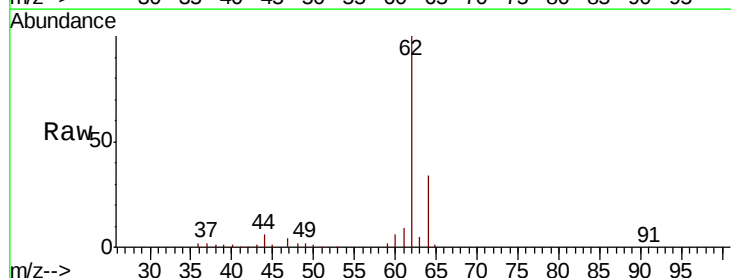
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

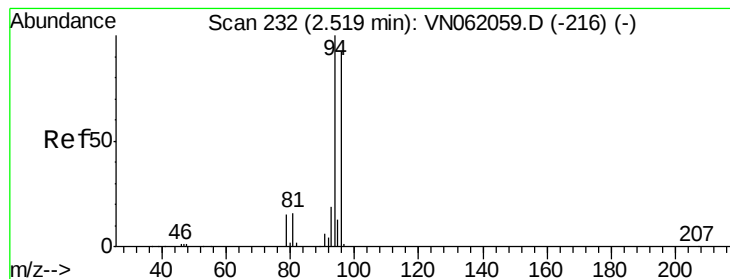
Tot Ion: 50 Resp: 58860
 Ion Ratio Lower Upper
 50 100
 52 32.5 27.0 40.6



#4
 Vinyl Chloride
 Concen: 17.257 ug/l
 RT: 2.16 min Scan# 120
 Delta R.T. 0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 62 Resp: 68040
 Ion Ratio Lower Upper
 62 100
 64 34.2 25.1 37.7





#5

Bromomethane

Concen: 17.769 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

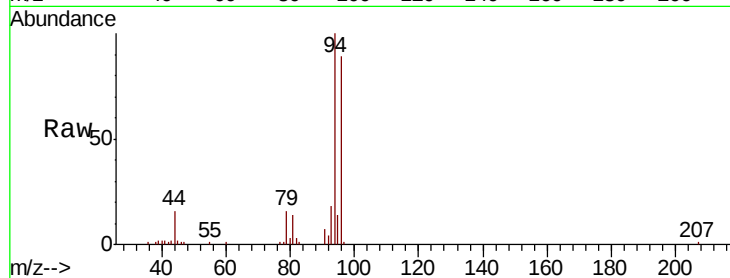
VN0701MBS01

Tot Ion: 94 Resp: 45281

Ion Ratio Lower Upper

94 100

96 89.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062293.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062293.D (-139) (-)

2.53

20000

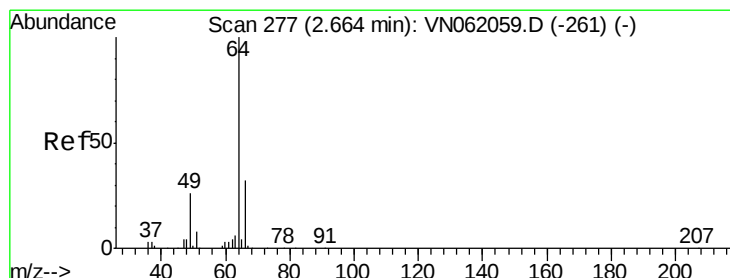
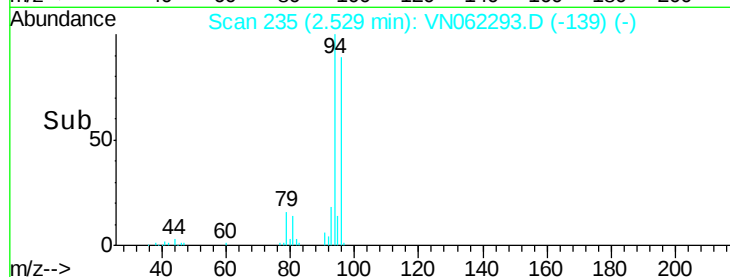
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.352 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062293.D

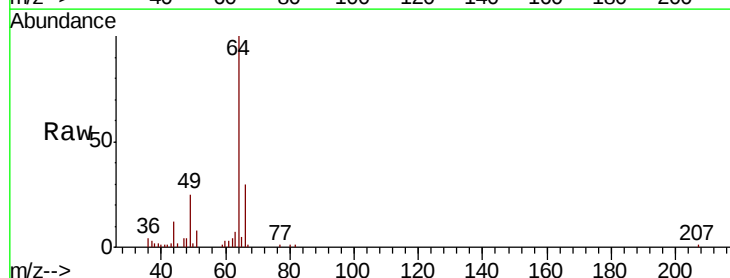
Acq: 1 Jul 2020 15:42

Tgt Ion: 64 Resp: 46737

Ion Ratio Lower Upper

64 100

66 30.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062293.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062293.D (-184) (-)

2.67

25000

20000

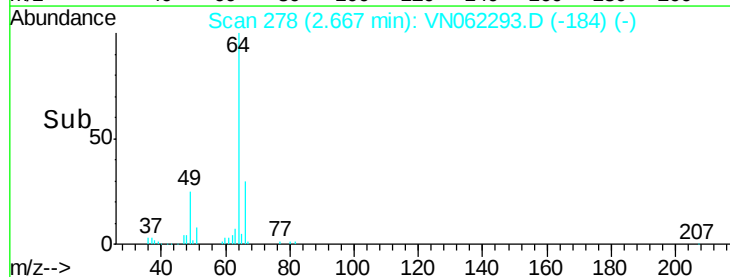
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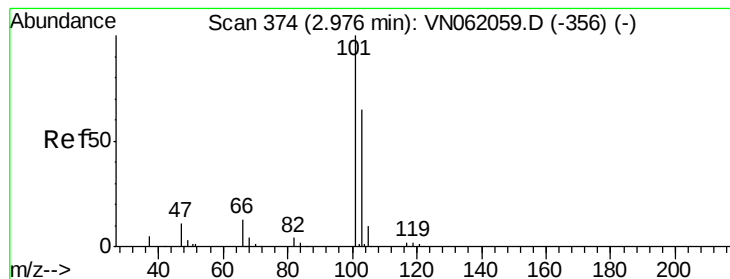
10000

5000

0

Time-->



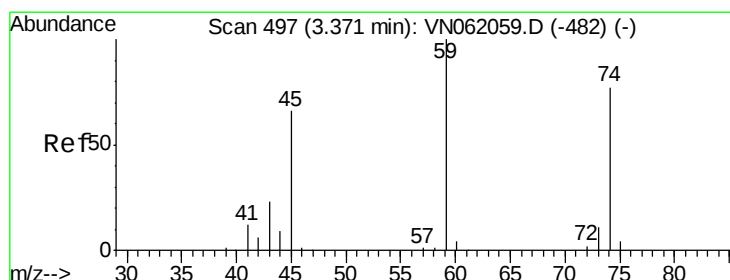
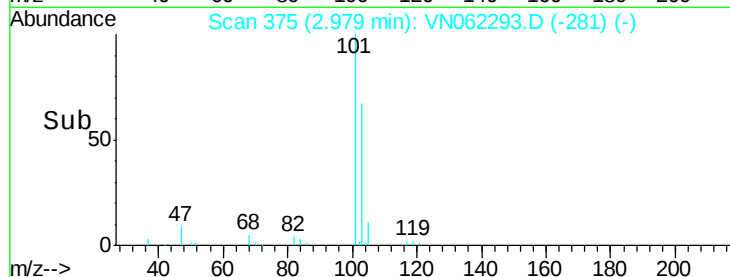
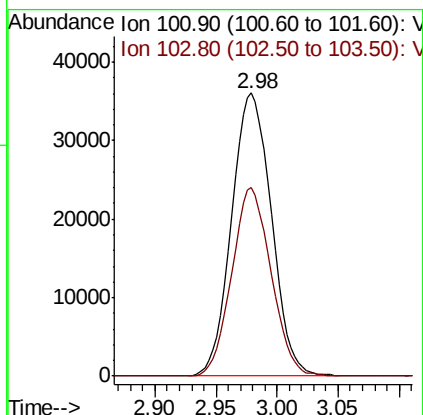
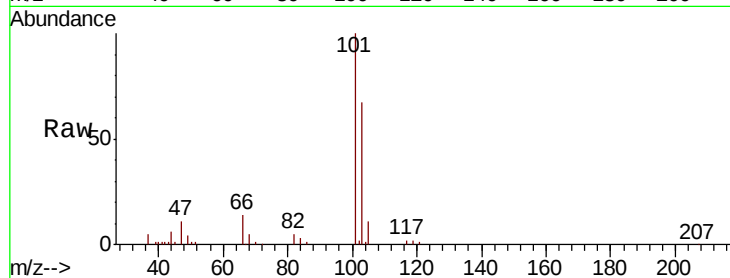


#7

Trichlorofluoromethane
Concen: 16.773 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

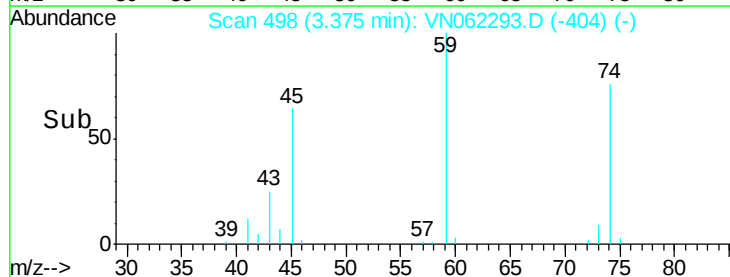
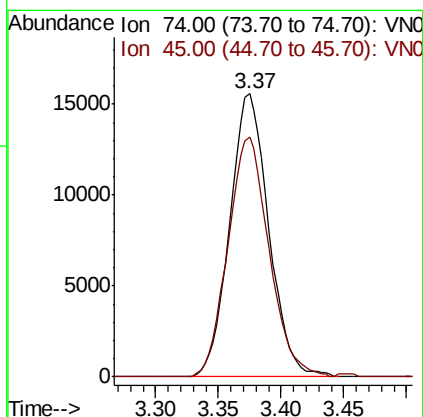
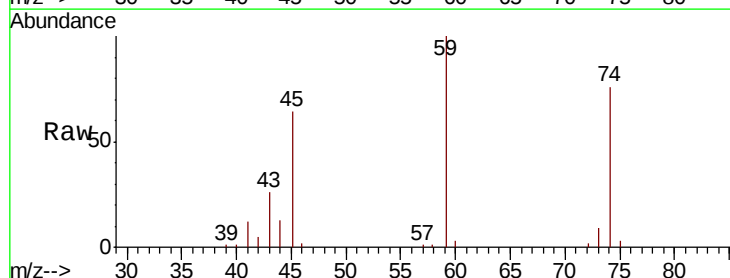
Tot Ion:101 Resp: 81489
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.6

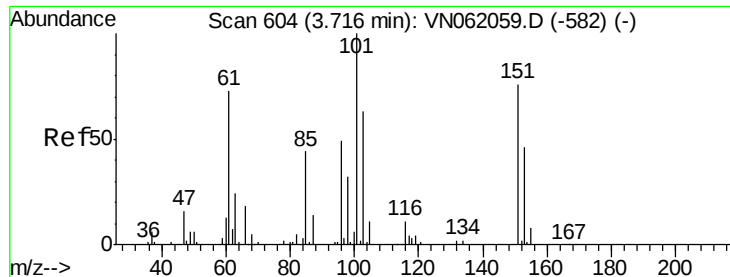


#8

Diethyl Ether
Concen: 19.866 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 74 Resp: 33702
Ion Ratio Lower Upper
74 100
45 89.1 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.742 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

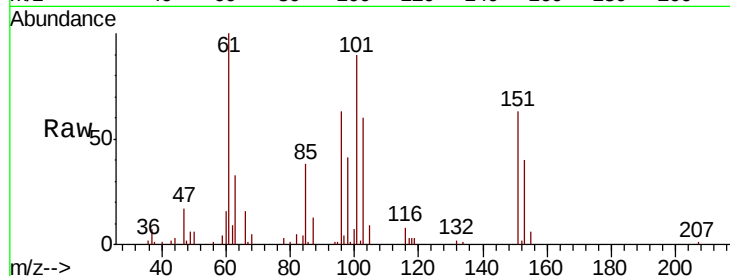
Tot Ion:101 Resp: 47684

Ion Ratio Lower Upper

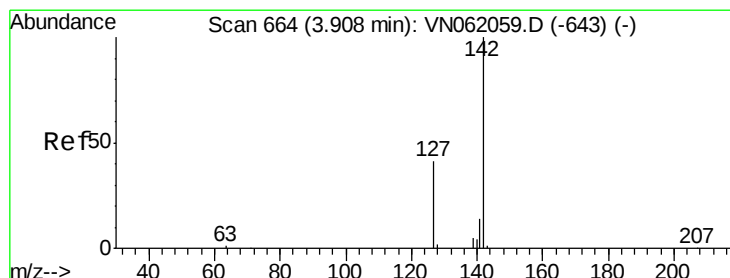
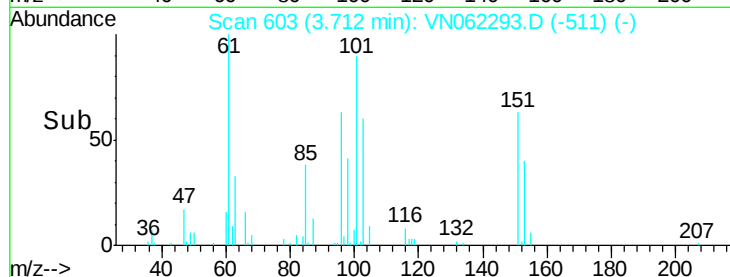
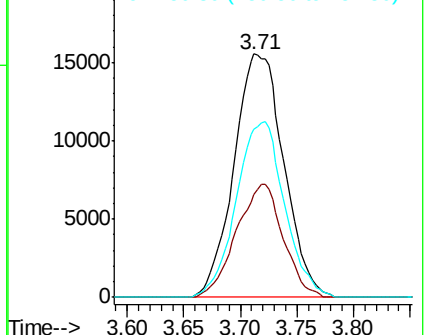
101 100

85 43.4 34.5 51.7

151 69.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.036 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

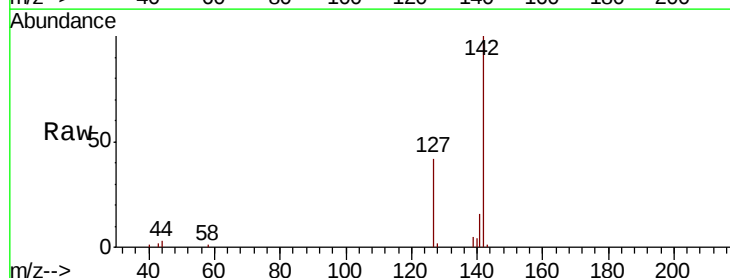
Tgt Ion:142 Resp: 51678

Ion Ratio Lower Upper

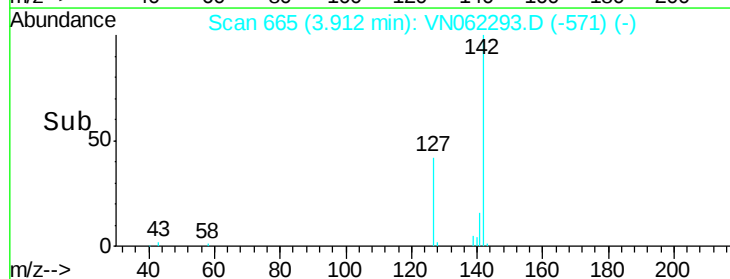
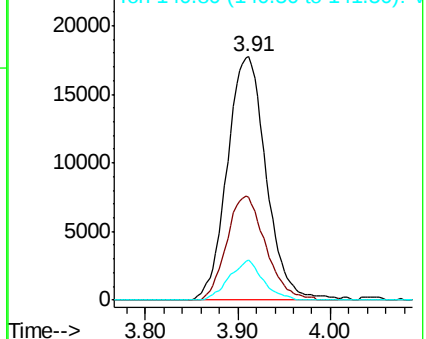
142 100

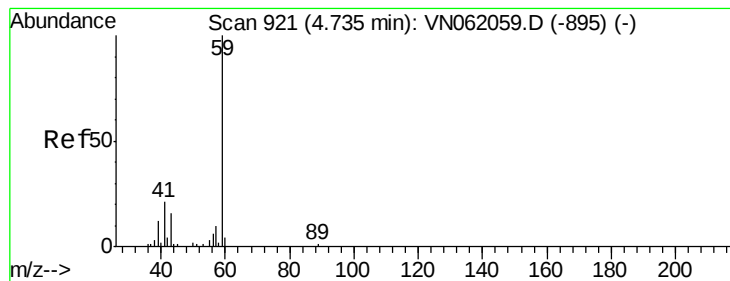
127 42.6 33.6 50.4

141 14.2 11.3 16.9



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



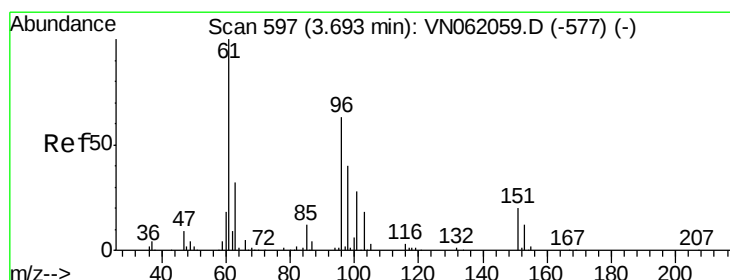
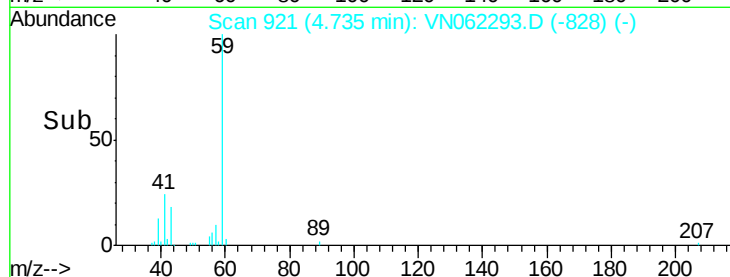
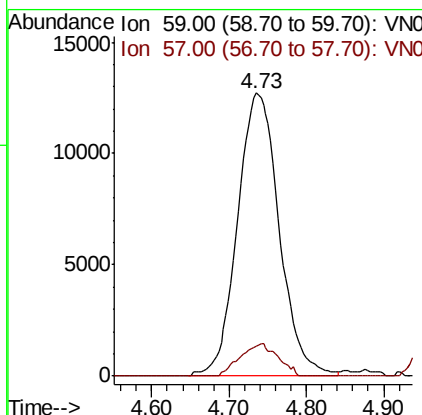
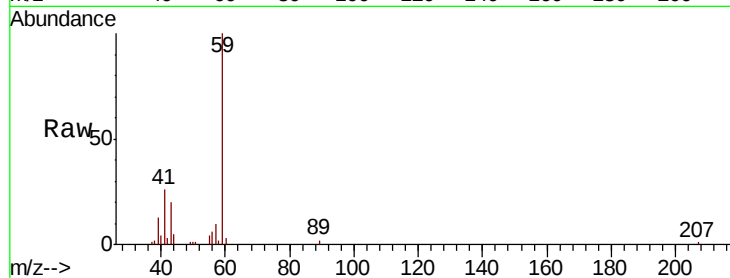


#11

Tert butyl alcohol
 Concen: 106.983 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Instrument :
 MSVOA_N
 ClientSampled :
 VN0701MBS01

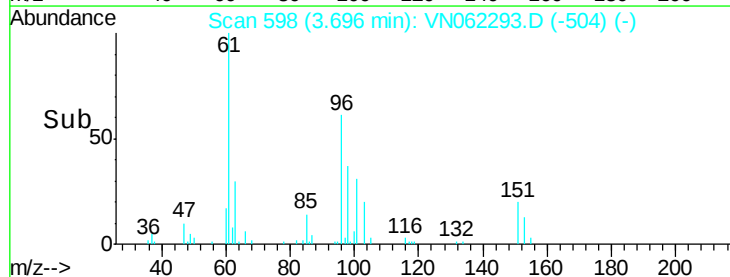
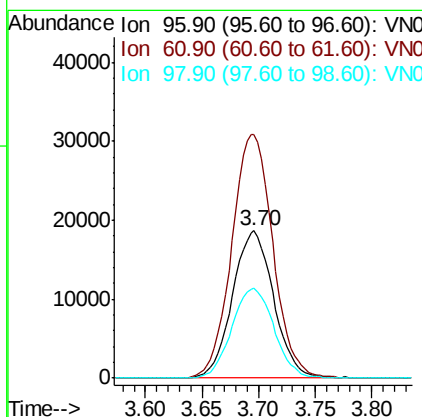
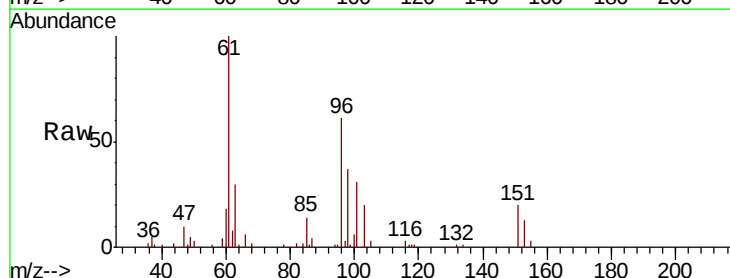
Tot Ion: 59 Resp: 47747
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

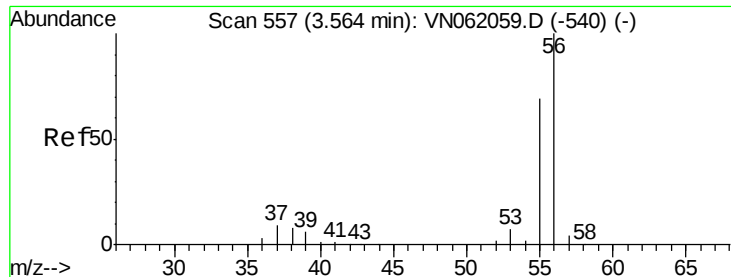


#12

1,1-Dichloroethene
 Concen: 18.556 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 96 Resp: 47196
 Ion Ratio Lower Upper
 96 100
 61 165.2 126.7 190.1
 98 60.7 51.0 76.4





#13

Acrolein

Concen: 91.656 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

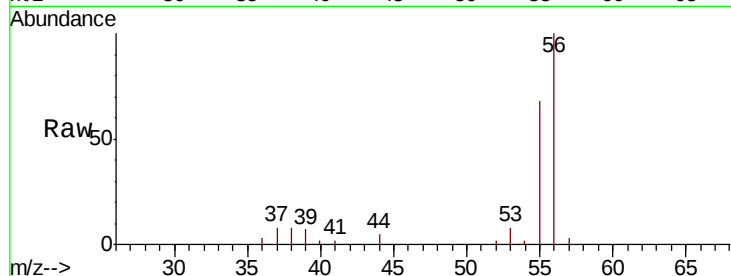
VN0701MBS01

Tot Ion: 56 Resp: 40050

Ion Ratio Lower Upper

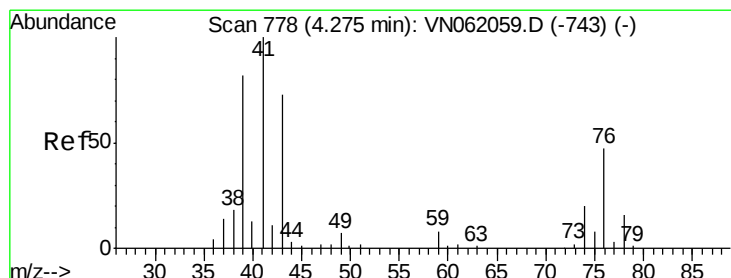
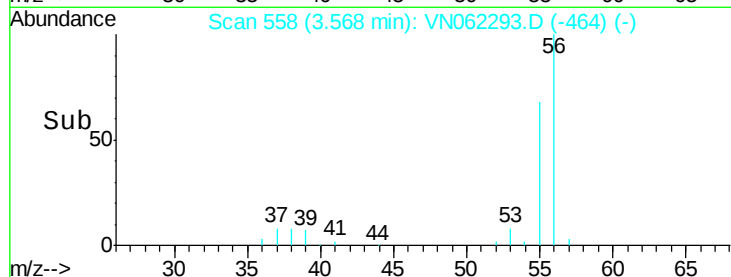
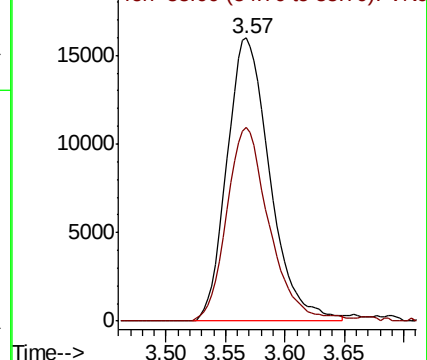
56 100

55 67.7 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.849 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

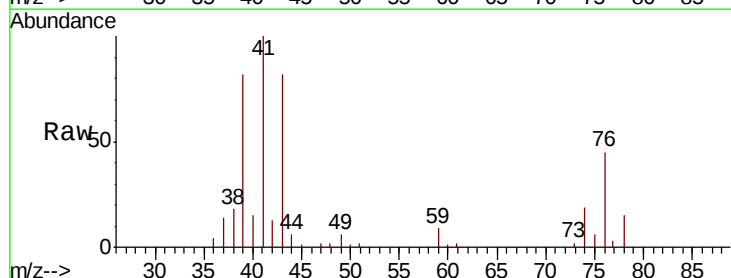
Tgt Ion: 41 Resp: 72196

Ion Ratio Lower Upper

41 100

39 74.7 60.0 90.0

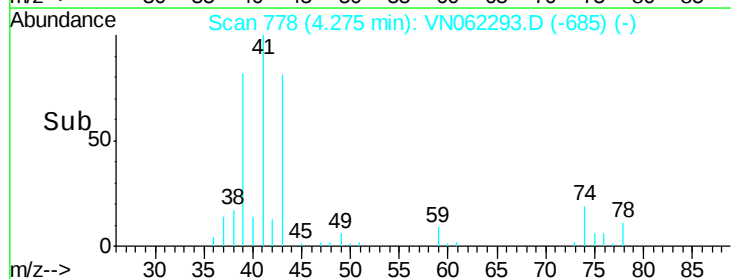
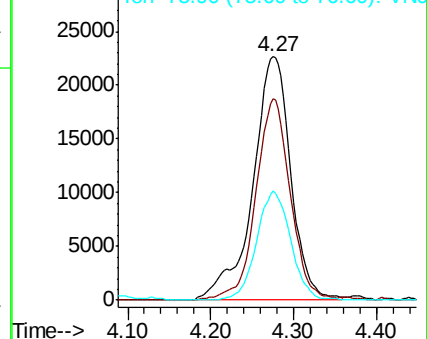
76 39.9 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.260 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

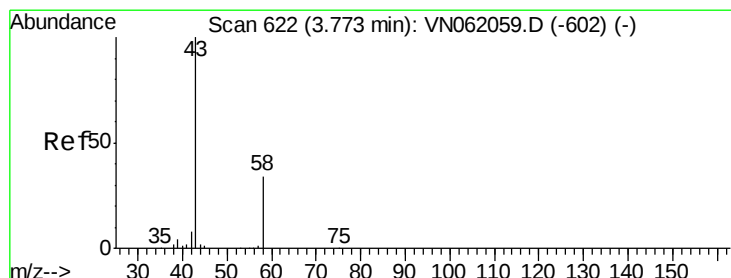
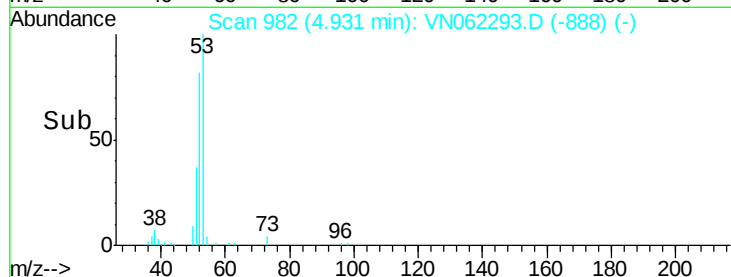
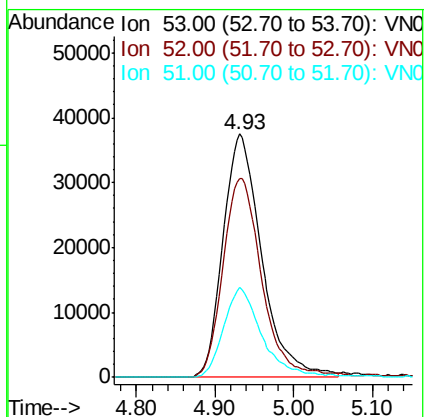
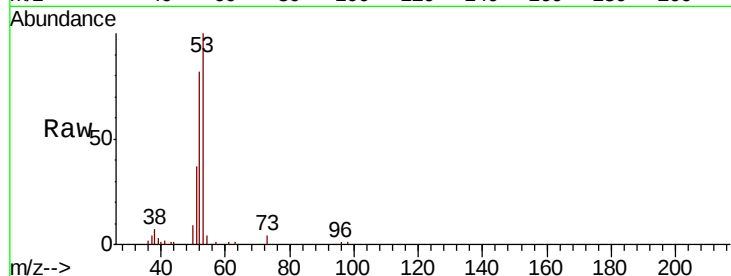
Tot Ion: 53 Resp: 128017

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.4

51 36.2 28.9 43.3



#16

Acetone

Concen: 114.568 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062293.D

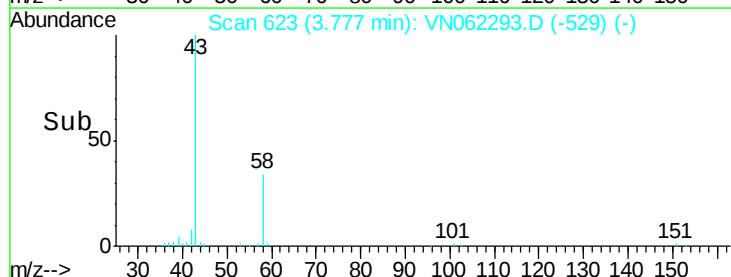
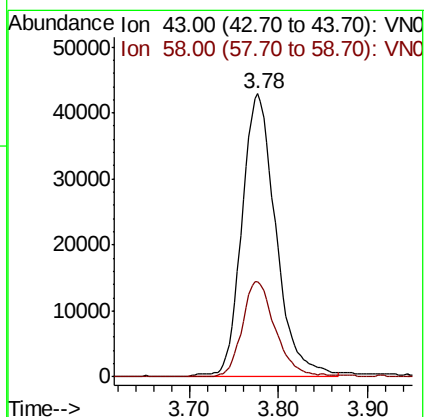
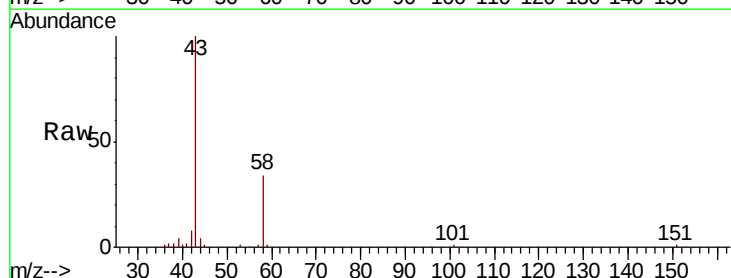
Acq: 1 Jul 2020 15:42

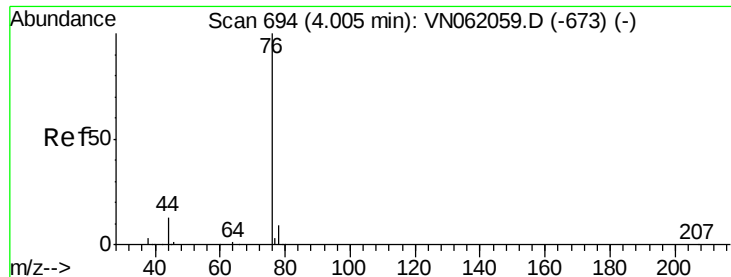
Tgt Ion: 43 Resp: 113925

Ion Ratio Lower Upper

43 100

58 33.7 27.5 41.3

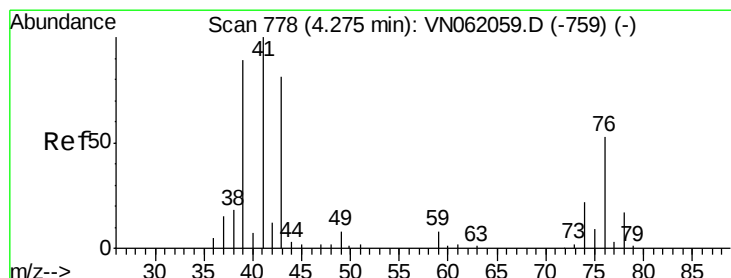
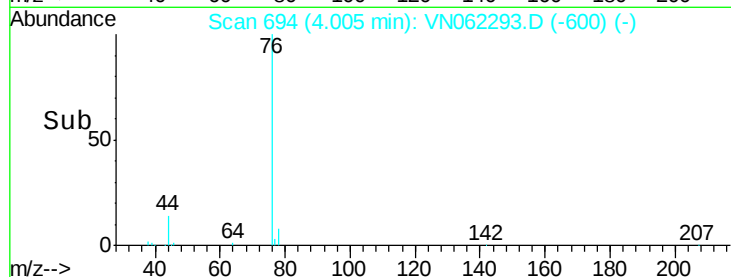
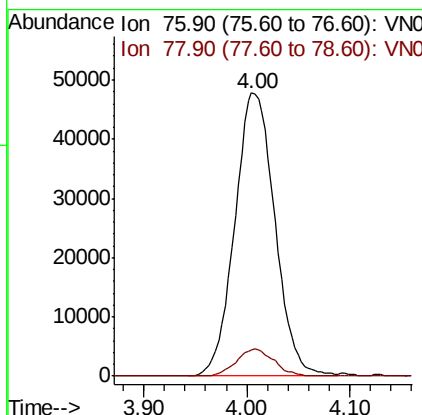
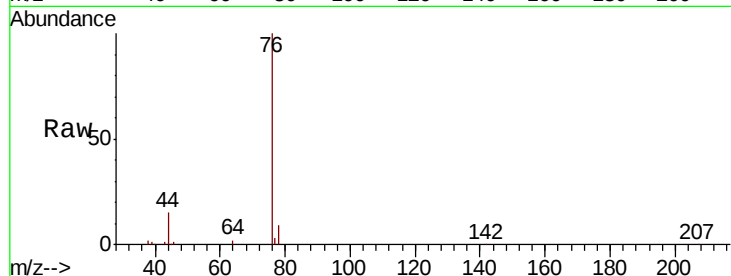




#17
Carbon Disulfide
Concen: 17.775 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

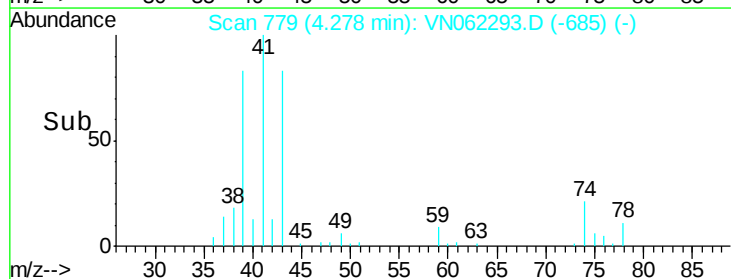
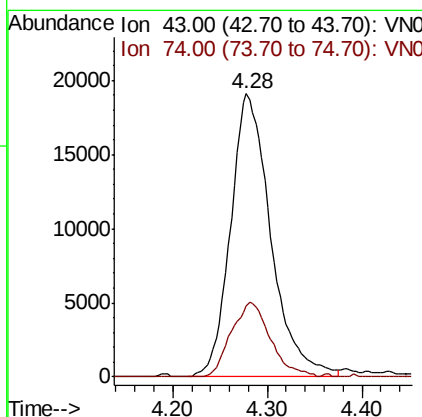
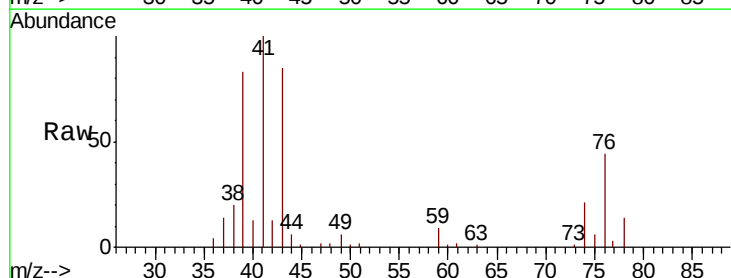
Instrument :
MSVOA_N
ClientSampled :
VN0701MBS01

Tot Ion: 76 Resp: 129257
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 22.865 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 43 Resp: 56500
Ion Ratio Lower Upper
43 100
74 25.6 22.9 34.3

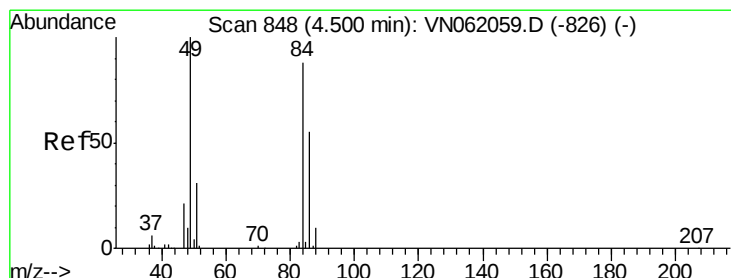
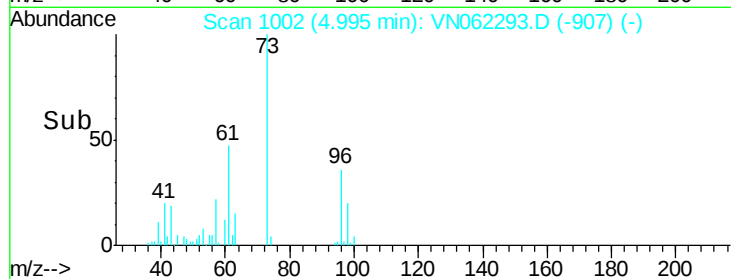
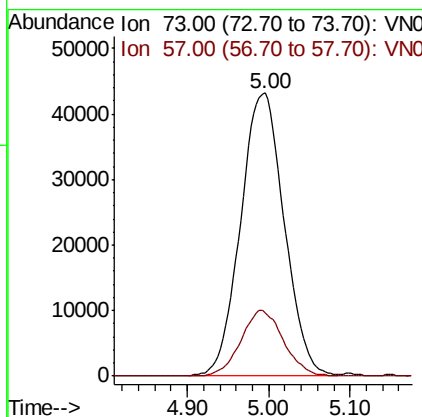
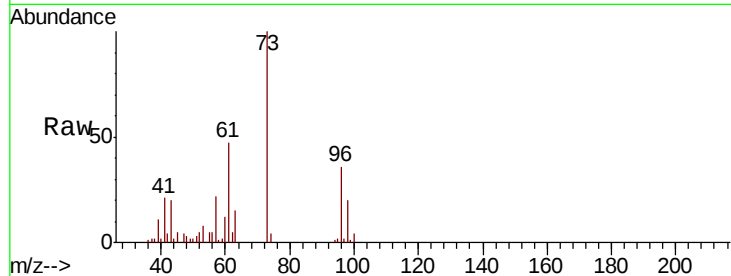




#19
Methvl tert-butvl Ether
Concen: 19.741 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

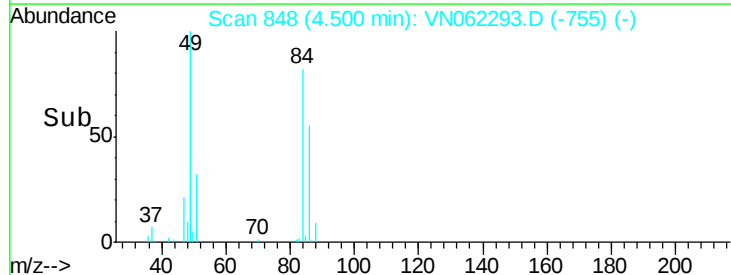
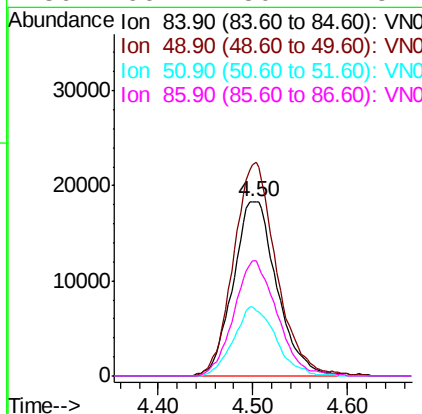
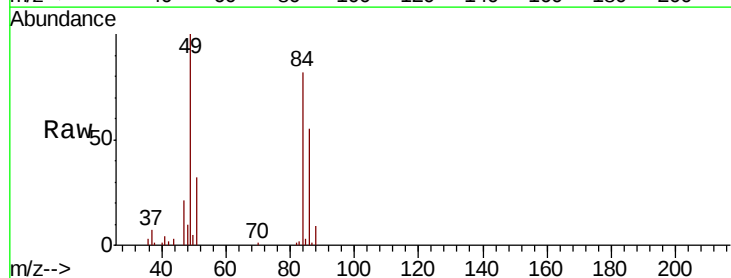
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

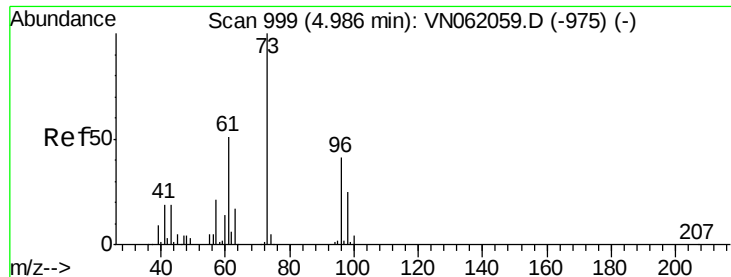
Tot Ion: 73 Resp: 160439
Ion Ratio Lower Upper
73 100
57 22.4 16.6 24.8



#20
Methylene Chloride
Concen: 20.559 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 84 Resp: 59029
Ion Ratio Lower Upper
84 100
49 121.3 90.6 136.0
51 39.3 27.8 41.8
86 66.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.666 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

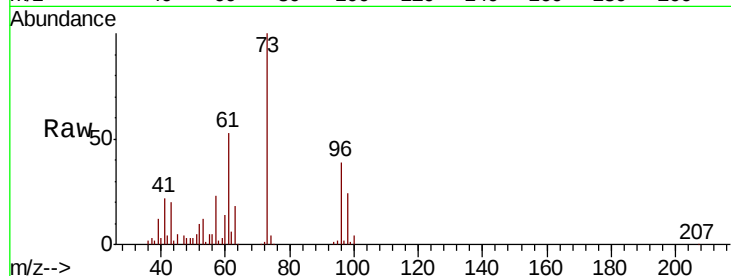
Tot Ion: 96 Resp: 51186

Ion Ratio Lower Upper

96 100

61 137.1 101.4 152.2

98 62.4 49.3 73.9

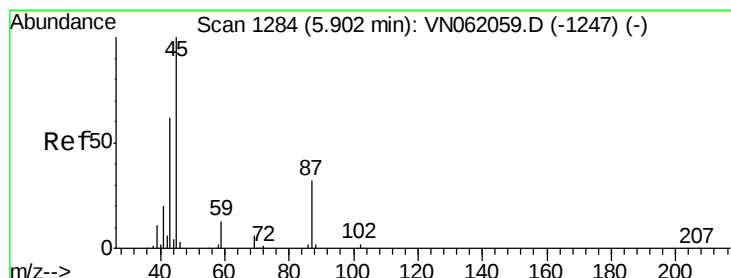
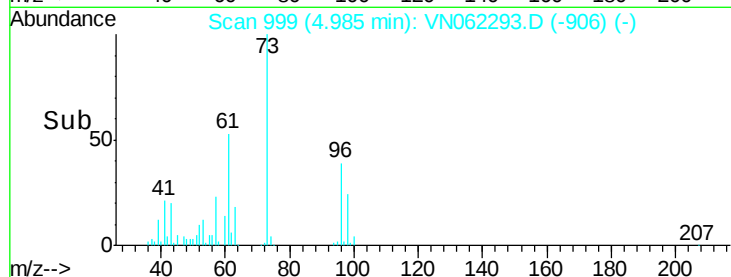
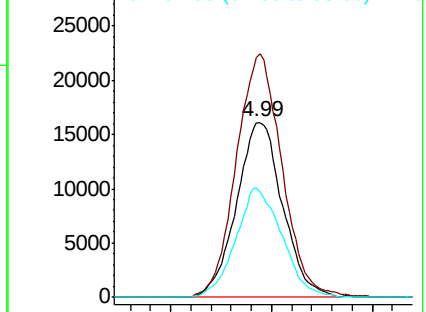


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.898 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Tgt Ion: 45 Resp: 164770

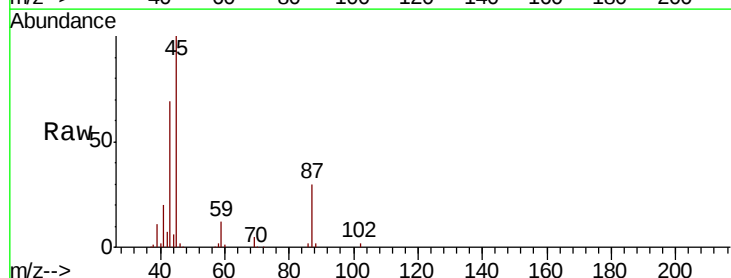
Ion Ratio Lower Upper

45 100

43 66.9 49.7 74.5

87 30.0 25.9 38.9

59 12.1 10.6 16.0



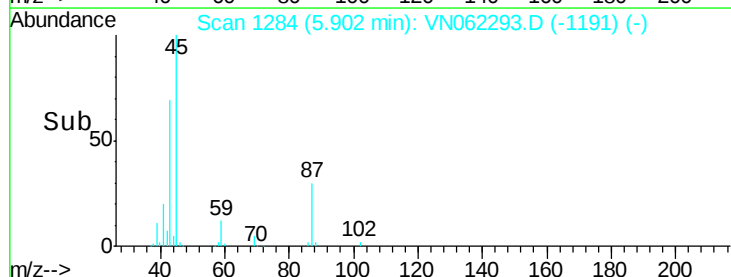
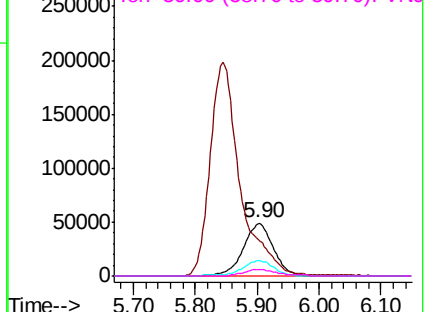
Abundance

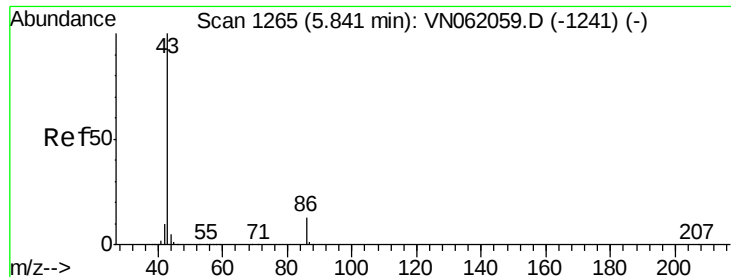
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.067 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

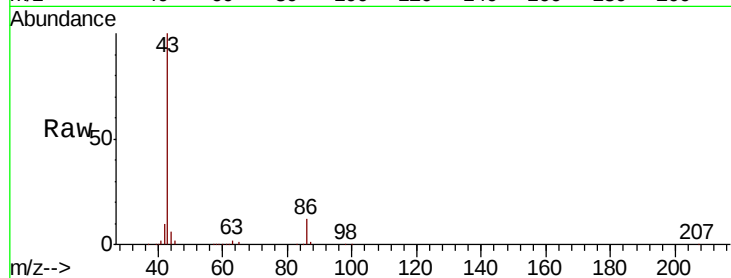
VN0701MBS01

Tot Ion: 43 Resp: 669902

Ion Ratio Lower Upper

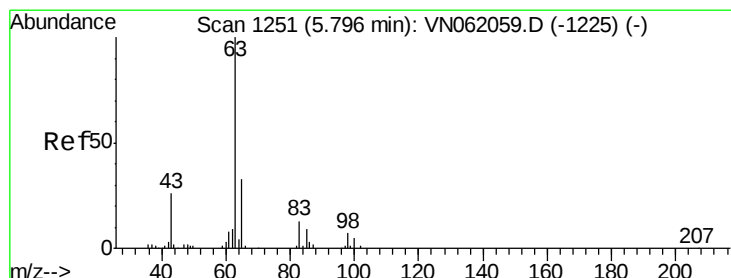
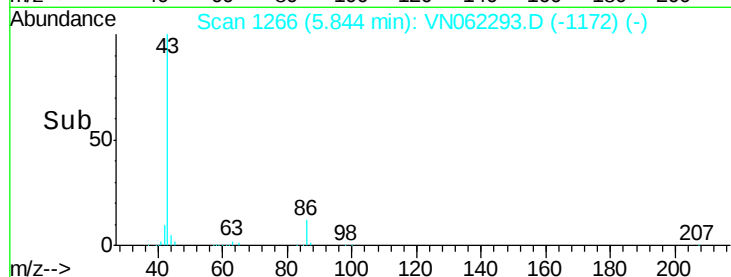
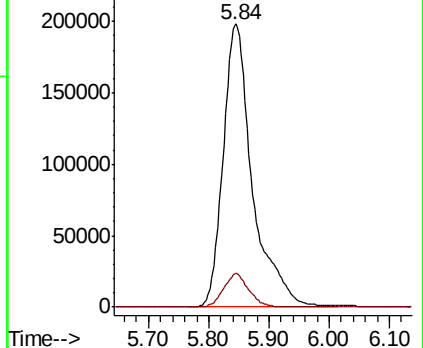
43 100

86 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.119 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

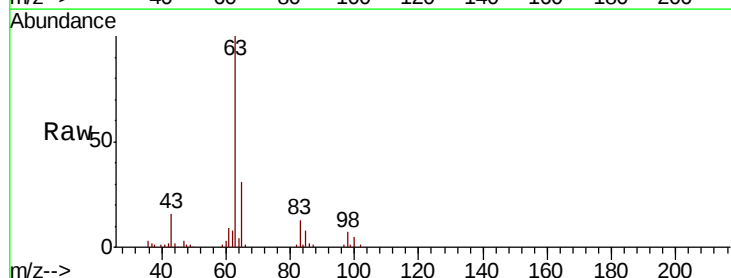
Tgt Ion: 63 Resp: 102147

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

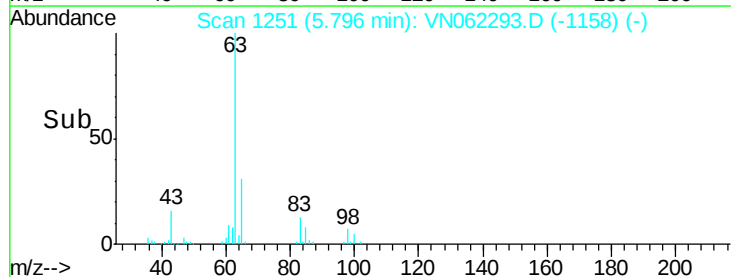
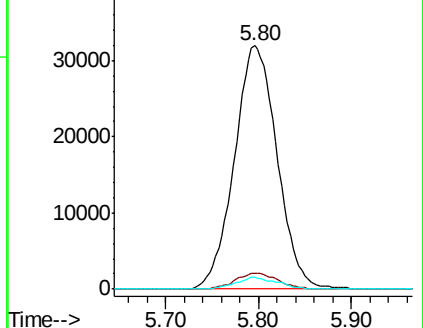
100 4.7 2.4 7.1

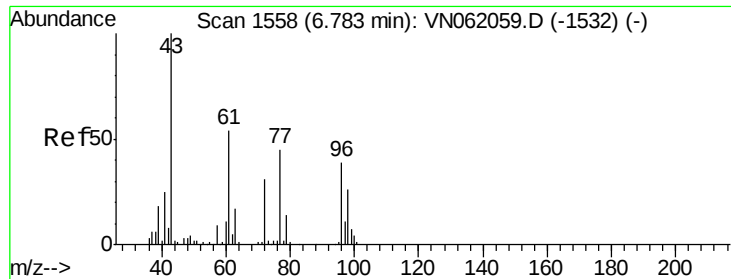


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 106.991 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

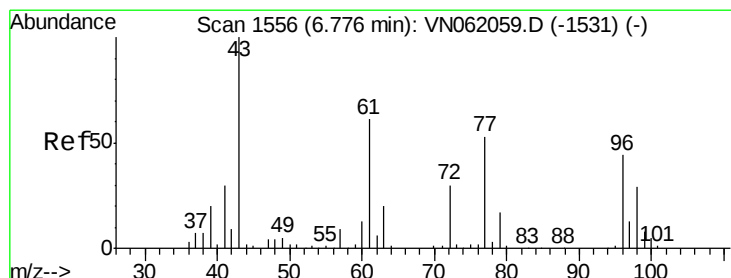
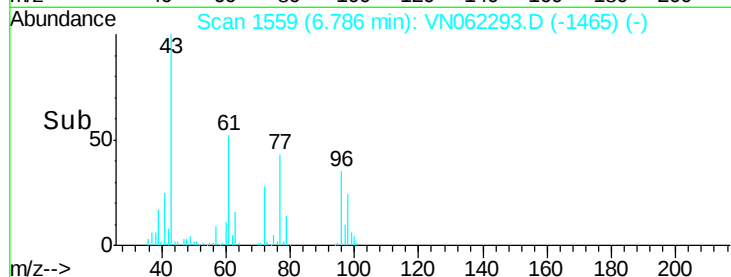
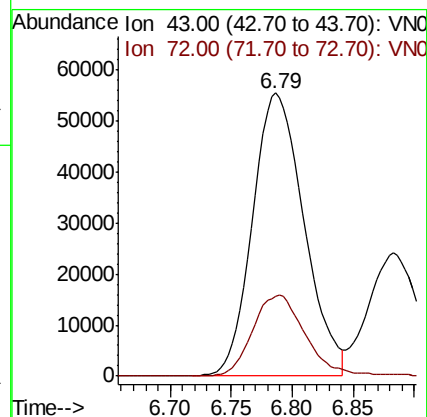
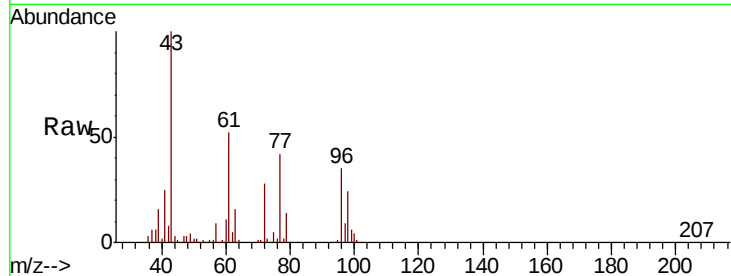
VN0701MBS01

Tot Ion: 43 Resp: 162559

Ion Ratio Lower Upper

43 100

72 28.1 24.8 37.2



#26

2,2-Dichloropropane

Concen: 19.851 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062293.D

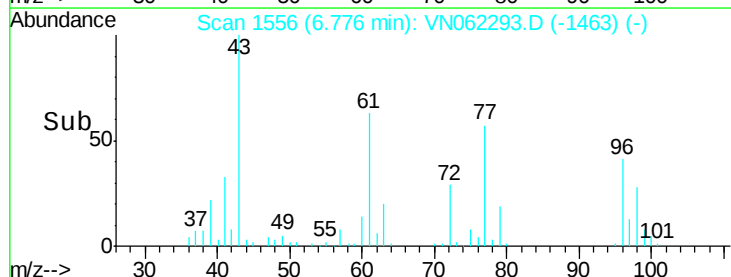
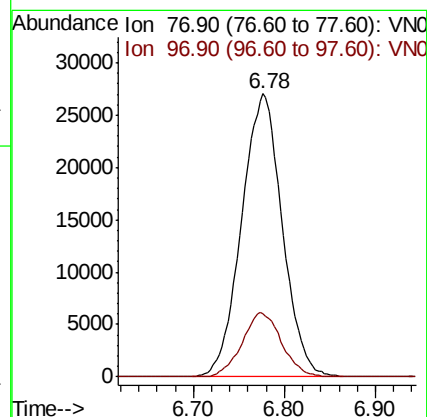
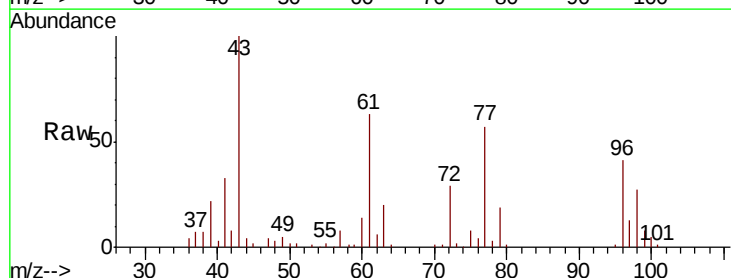
Acq: 1 Jul 2020 15:42

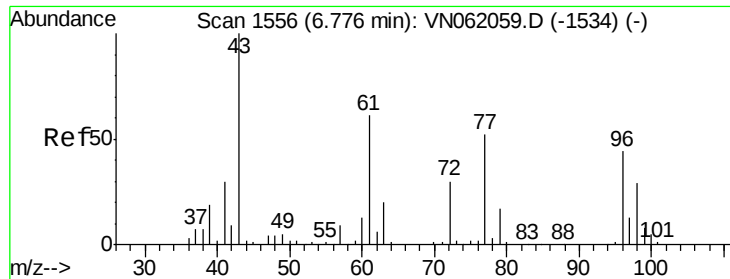
Tgt Ion: 77 Resp: 83987

Ion Ratio Lower Upper

77 100

97 22.0 11.8 35.3

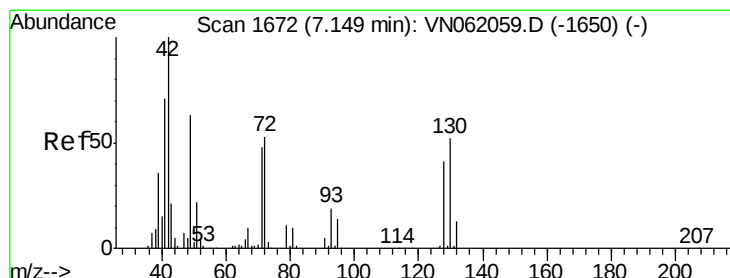
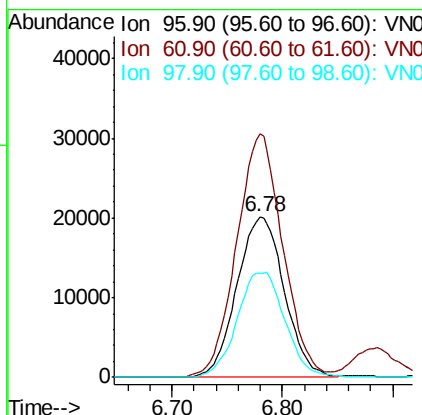
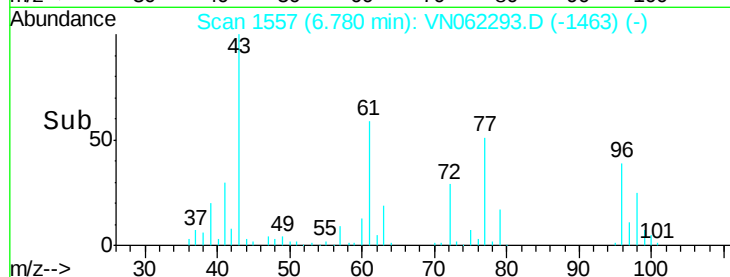
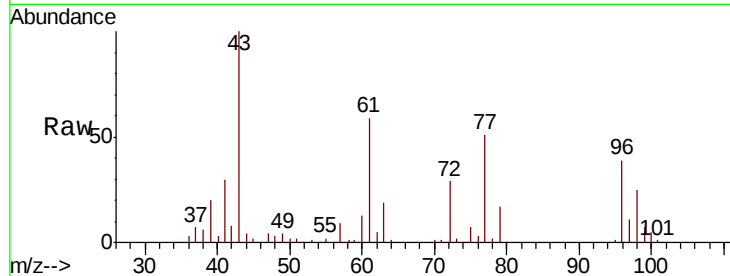




#27
 cis-1,2-Dichloroethene
 Concen: 18.402 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

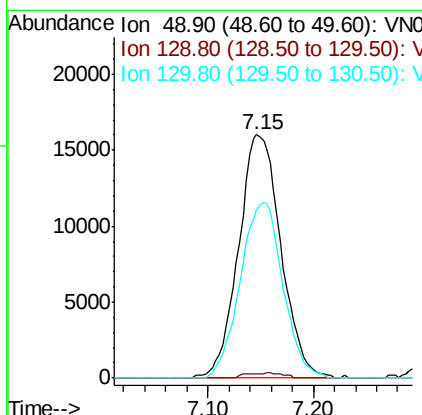
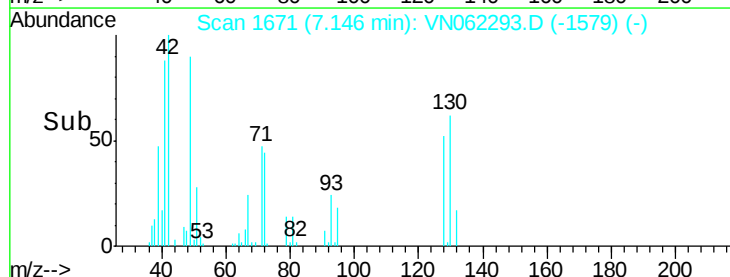
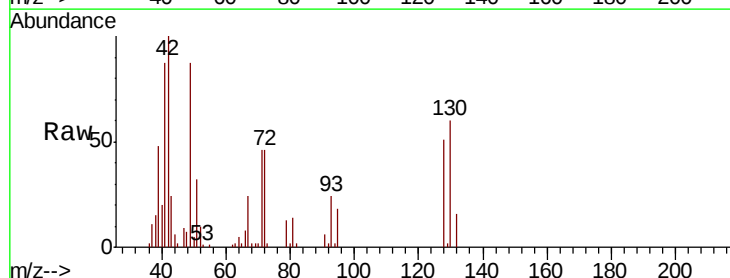
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

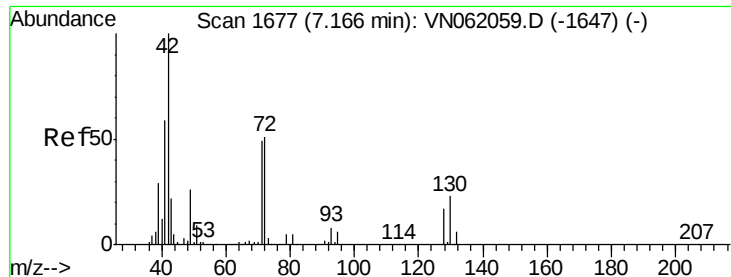
Tot Ion: 96 Resp: 59998
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 280.4
 98 65.8 0.0 129.4



#28
 Bromochloromethane
 Concen: 20.300 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 49 Resp: 44719
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 72.6 65.5 98.3

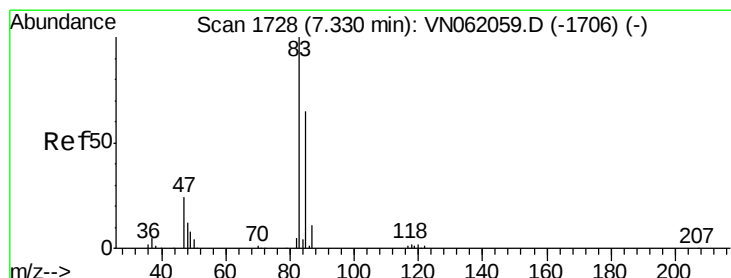
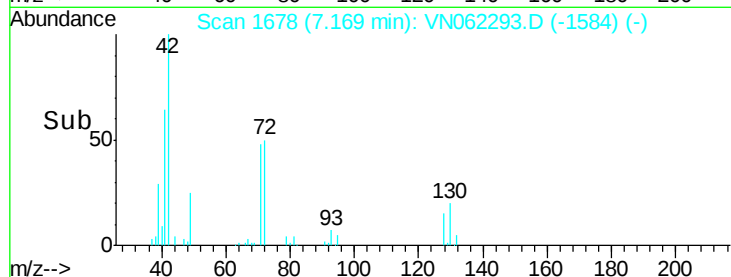
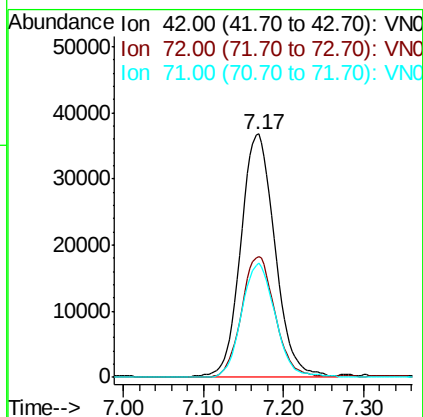
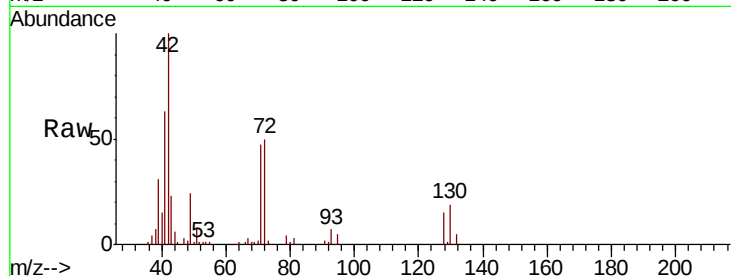




#29
Tetrahydrofuran
Concen: 107.507 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

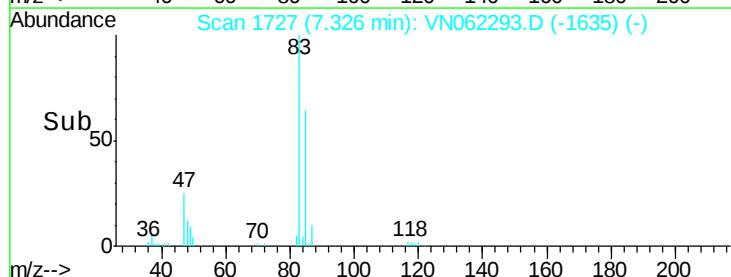
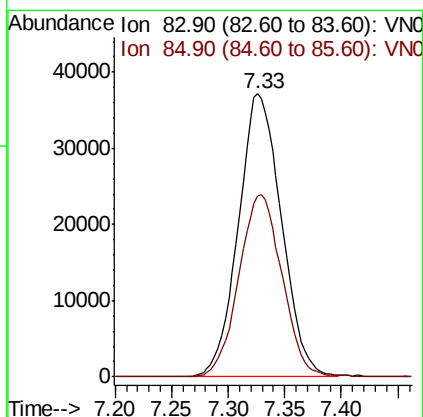
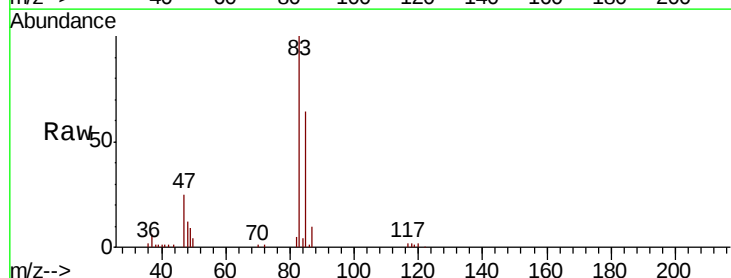
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

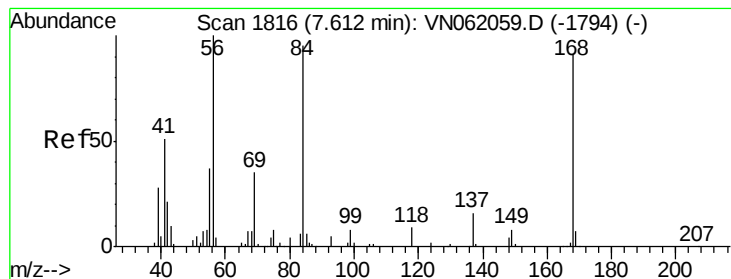
Tot Ion: 42 Resp: 106997
Ion Ratio Lower Upper
42 100
72 48.4 41.1 61.7
71 45.7 38.2 57.4



#30
Chloroform
Concen: 19.067 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 83 Resp: 98493
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5





#31

Cvclohexane

Concen: 19.424 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

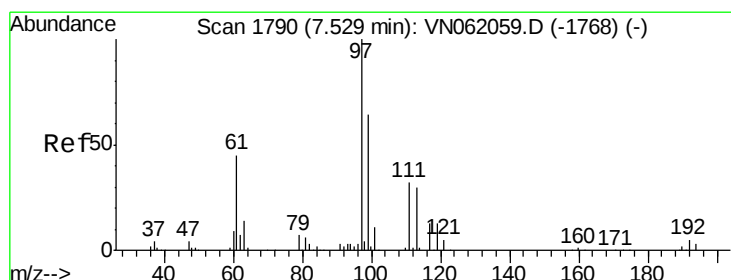
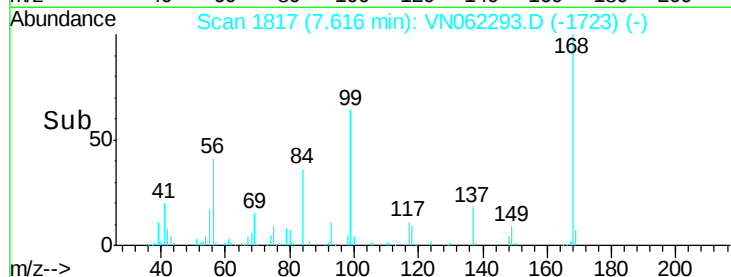
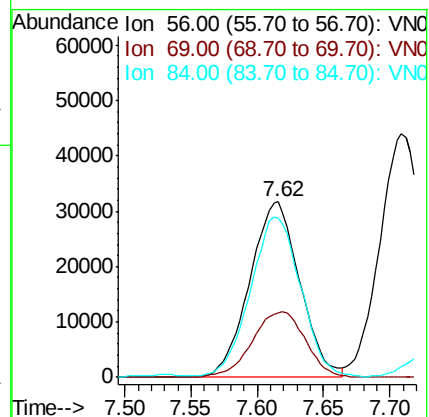
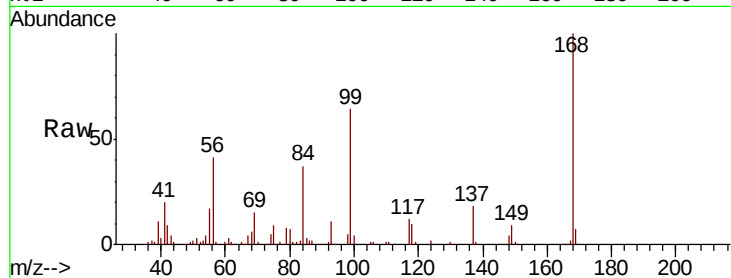
Tot Ion: 56 Resp: 83419

Ion Ratio Lower Upper

56 100

69 36.8 28.0 42.0

84 89.6 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 18.408 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

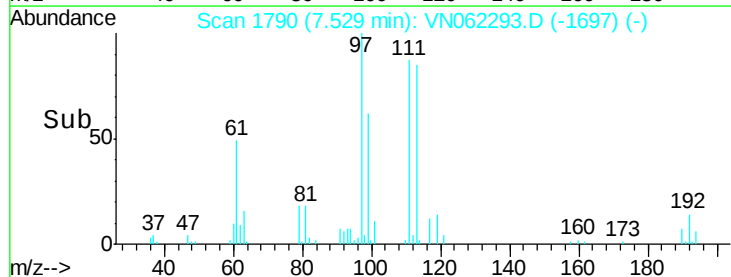
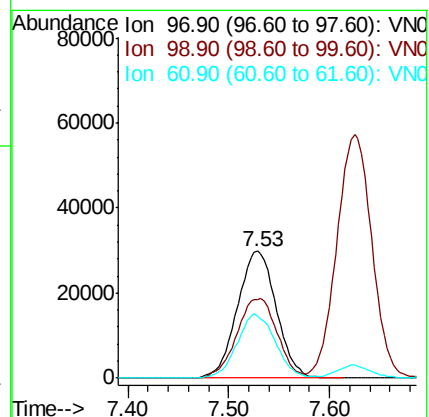
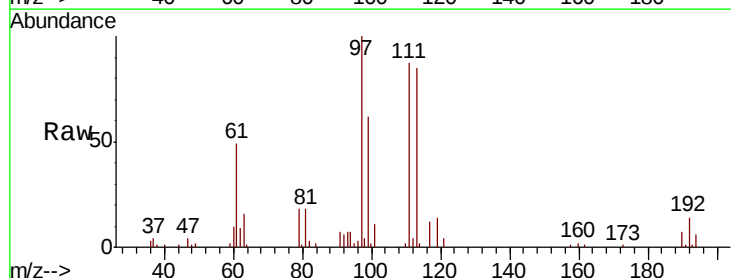
Tgt Ion: 97 Resp: 80190

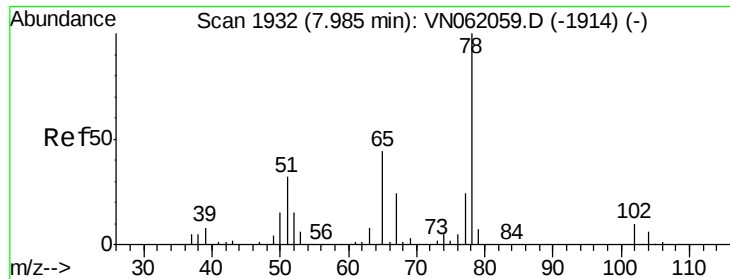
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 49.6 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 53.698 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

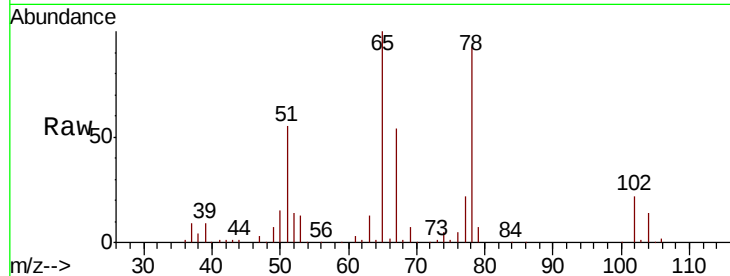
VN0701MBS01

Tot Ion: 65 Resp: 166917

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062293.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062293.D (-1839) (-)

7.99

80000

60000

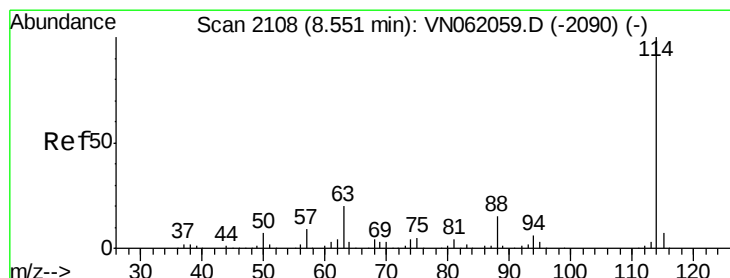
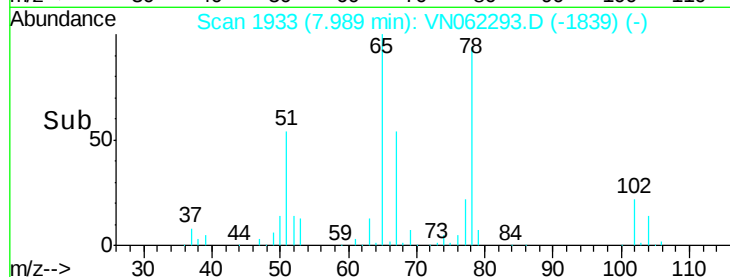
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

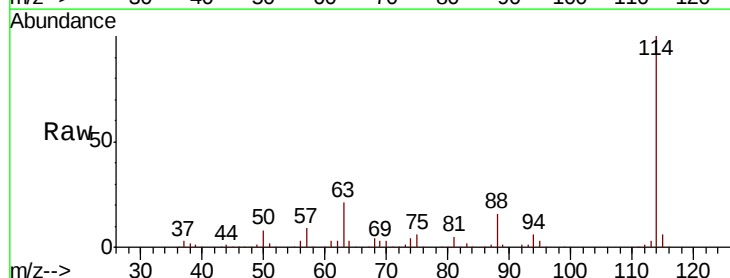
Tgt Ion: 114 Resp: 413324

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

88 15.9 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062293.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062293.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062293.D (-2015) (-)

8.55

250000

200000

150000

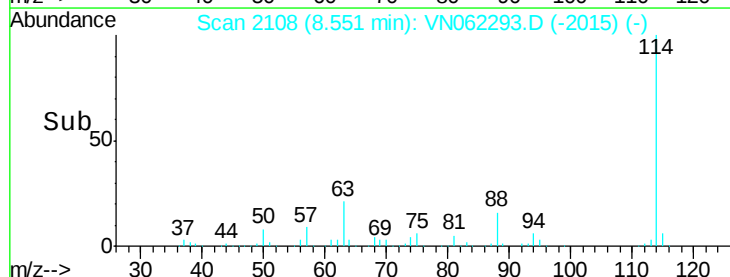
100000

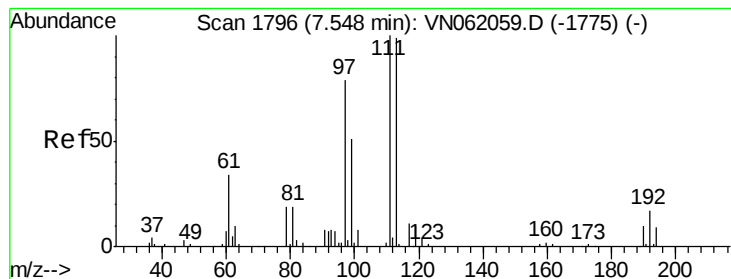
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#35

Dibromofluoromethane

Concen: 48.081 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

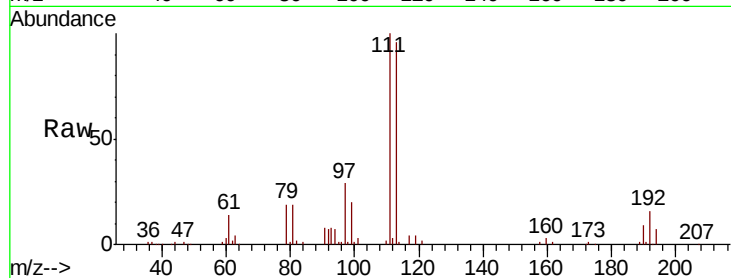
Tot Ion:113 Resp: 127495

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

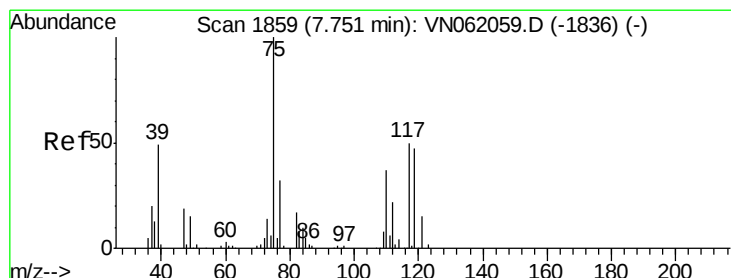
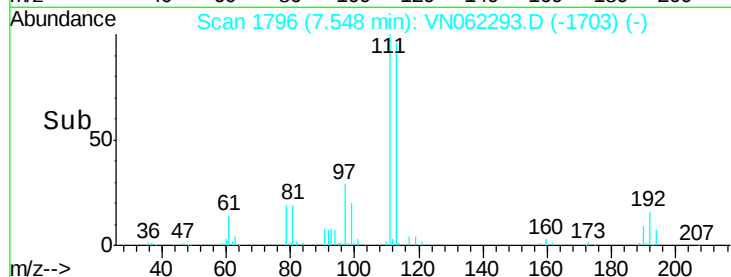
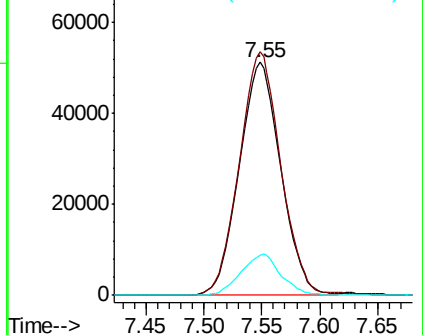
192 17.1 14.0 21.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.388 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

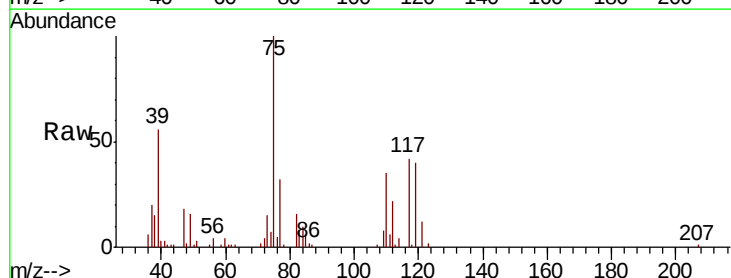
Tgt Ion: 75 Resp: 72240

Ion Ratio Lower Upper

75 100

110 33.9 17.9 53.8

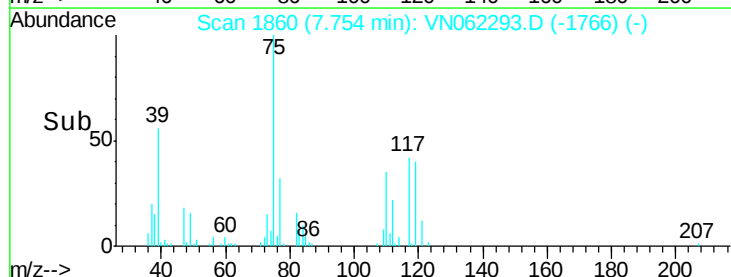
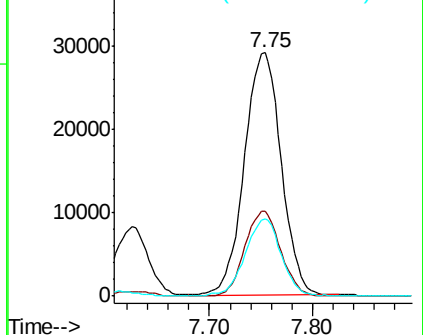
77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

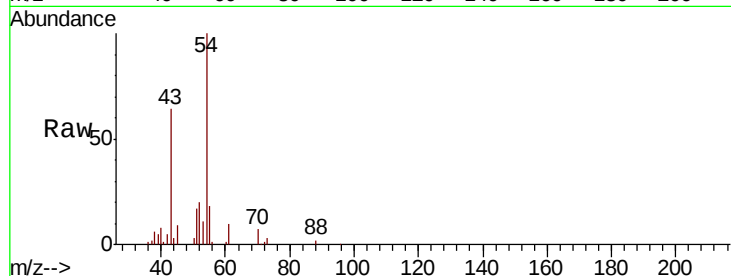




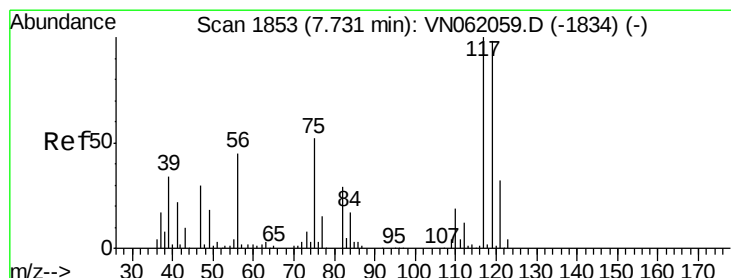
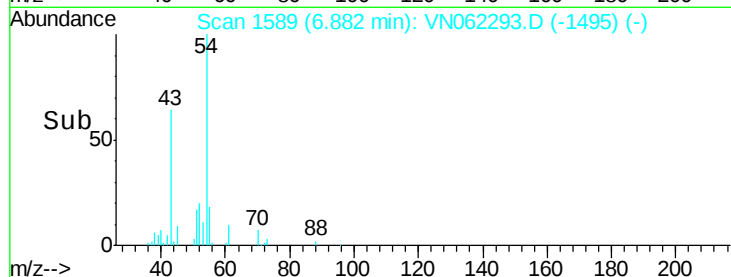
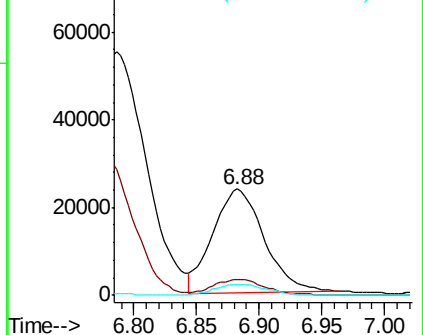
#37
Ethyl Acetate
Concen: 19.650 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Instrument :
MSVOA_N
ClientSampled :
VN0701MBS01

Tot Ion: 43 Resp: 67598
Ion Ratio Lower Upper
43 100
61 16.0 12.0 18.0
70 10.8 9.6 14.4

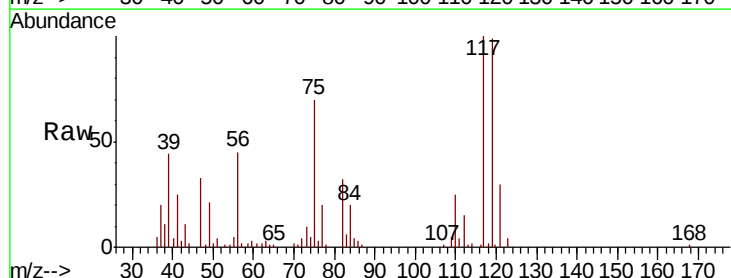


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

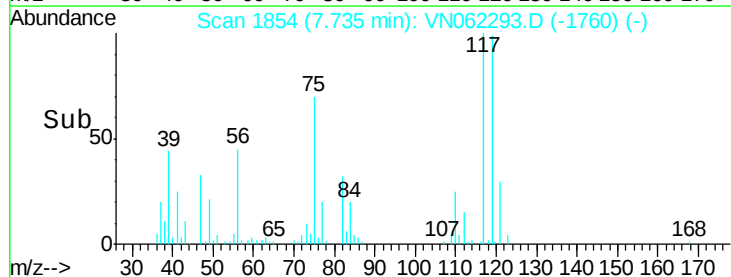
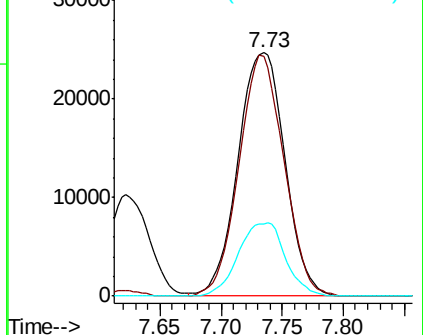


#38
Carbon Tetrachloride
Concen: 16.846 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 117 Resp: 65981
Ion Ratio Lower Upper
117 100
119 98.7 78.2 117.2
121 29.9 25.8 38.6



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

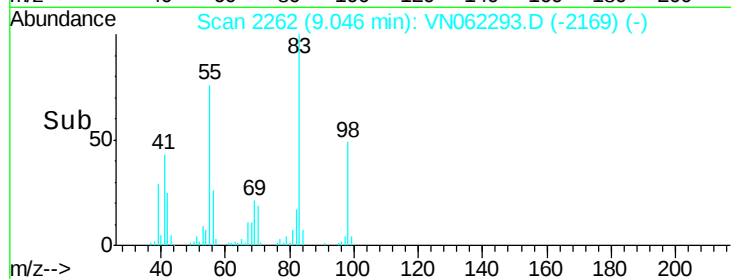
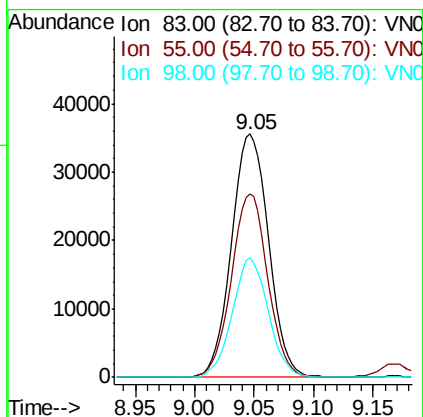
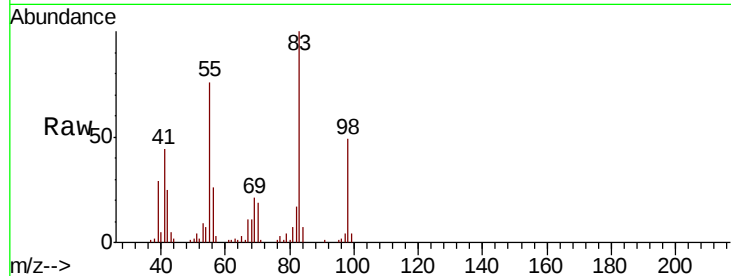




#39
Methvlcvclohexane
Concen: 16.913 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

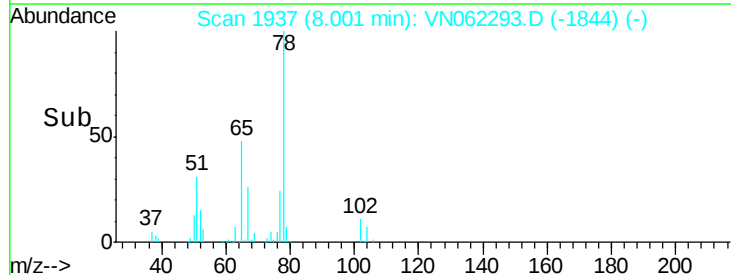
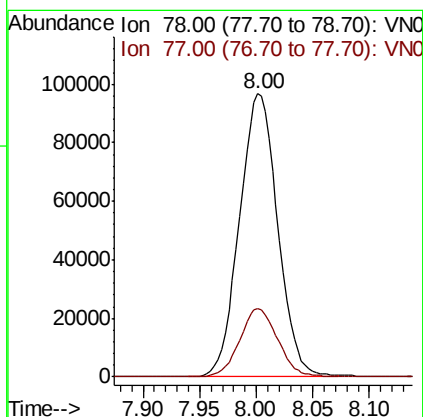
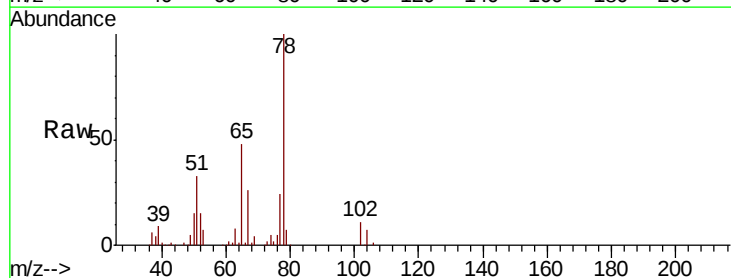
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

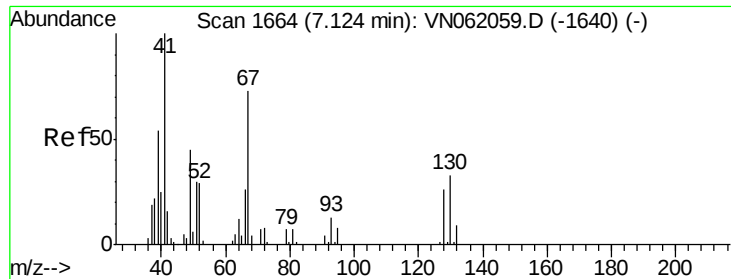
Tot Ion: 83 Resp: 76988
Ion Ratio Lower Upper
83 100
55 75.6 57.0 85.6
98 49.0 39.0 58.6



#40
Benzene
Concen: 17.935 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 78 Resp: 227110
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3

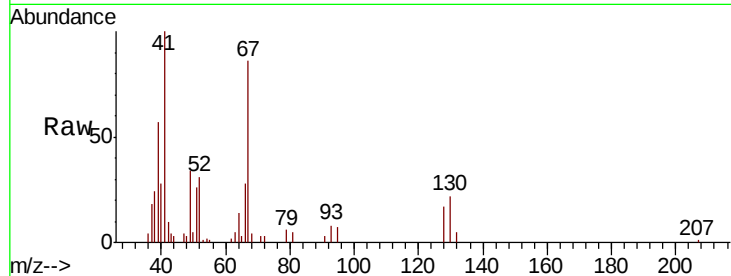




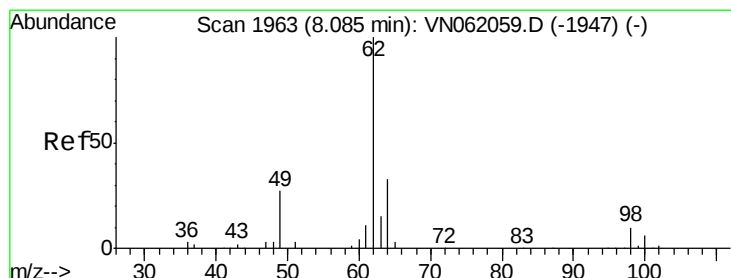
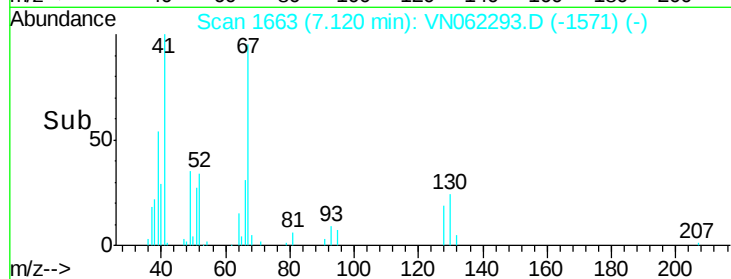
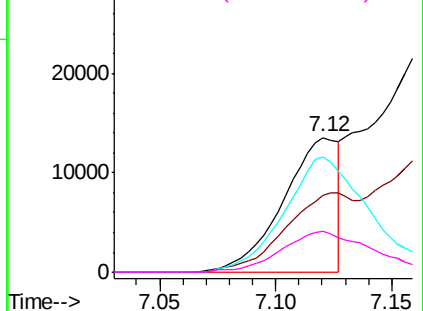
#41
Methacrylonitrile
Concen: 14.088 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

Tot Ion: 41 Resp: 22469
Ion Ratio Lower Upper
41 100
39 76.3 44.2 66.2#
67 134.8 79.5 119.3#
52 51.3 32.3 48.5#

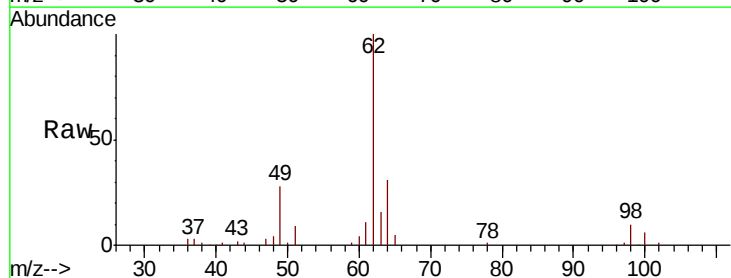


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

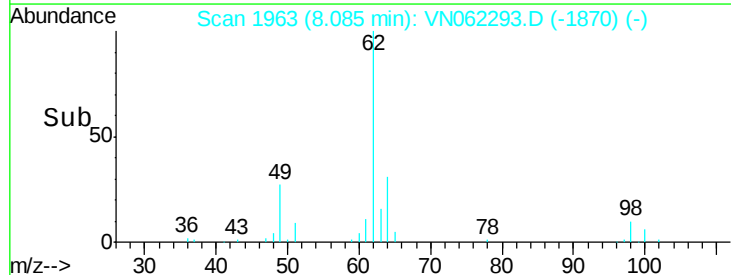
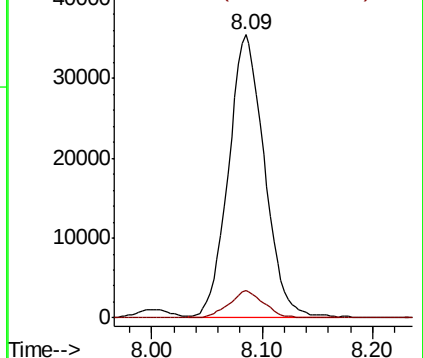


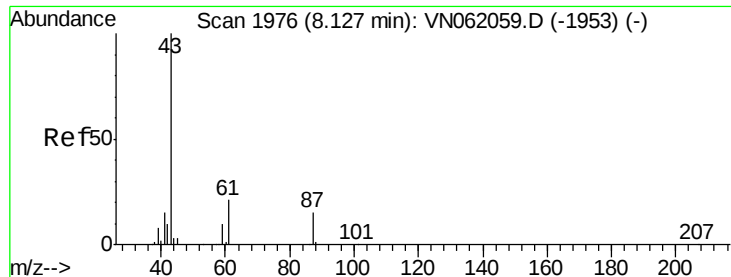
#42
1,2-Dichloroethane
Concen: 18.767 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 62 Resp: 80292
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 19.822 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

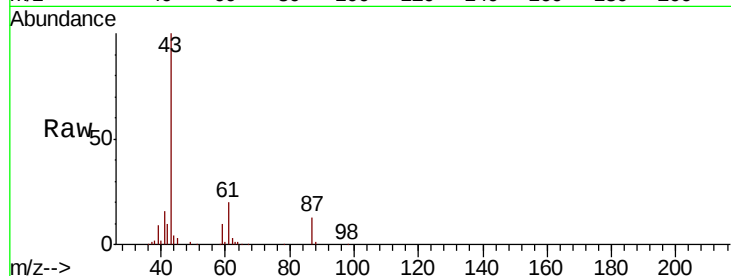
Tot Ion: 43 Resp: 111163

Ion Ratio Lower Upper

43 100

61 28.8 17.2 25.8#

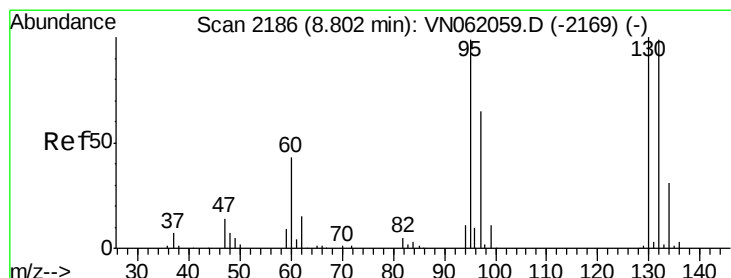
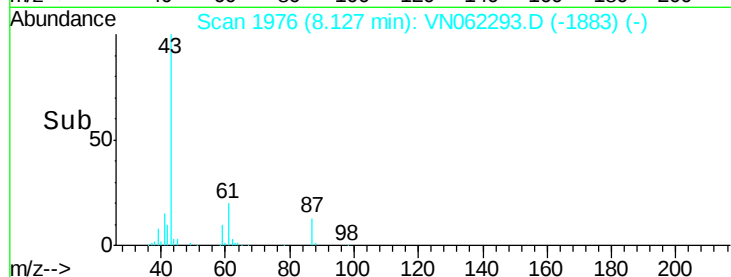
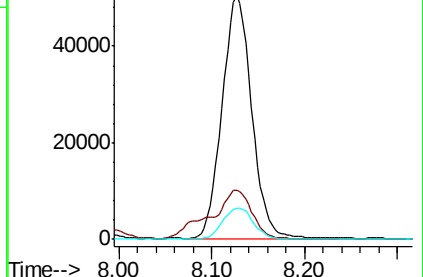
87 13.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062293.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062293.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062293.D (-1883) (-)



#44

Trichloroethene

Concen: 16.105 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062293.D

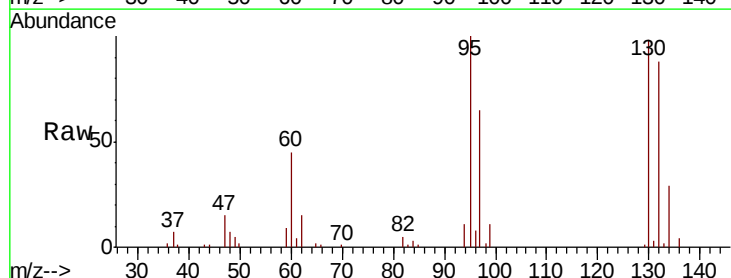
Acq: 1 Jul 2020 15:42

Tgt Ion:130 Resp: 51444

Ion Ratio Lower Upper

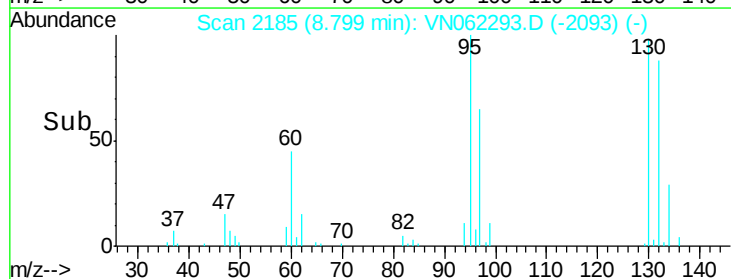
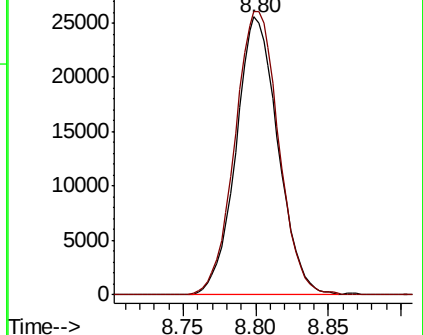
130 100

95 101.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062293.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062293.D (-2093) (-)

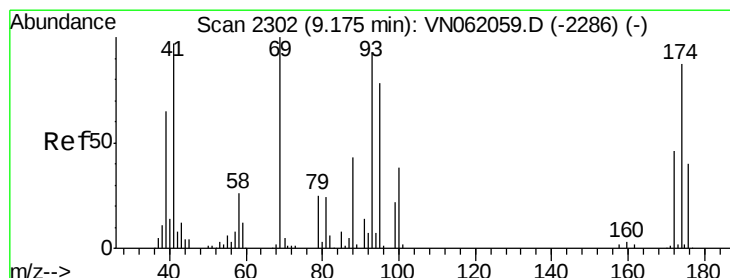
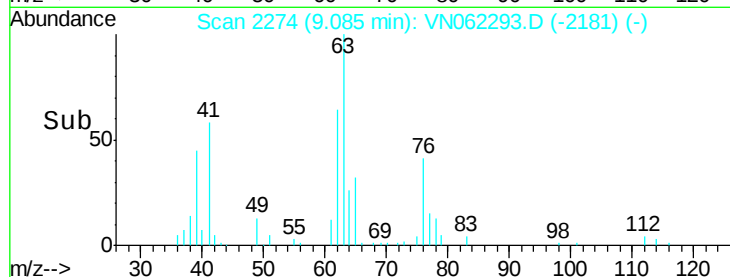
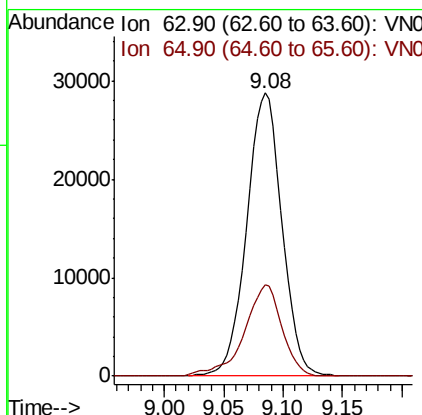
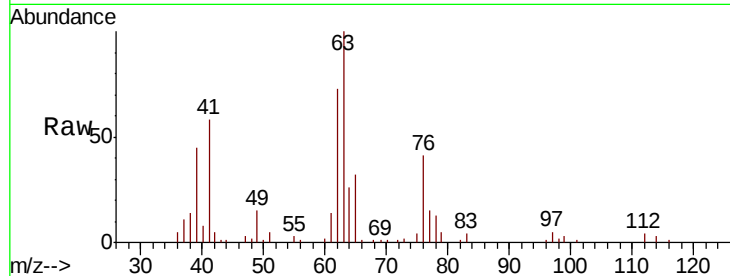




#45
 1,2-Dichloropropane
 Concen: 18.909 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

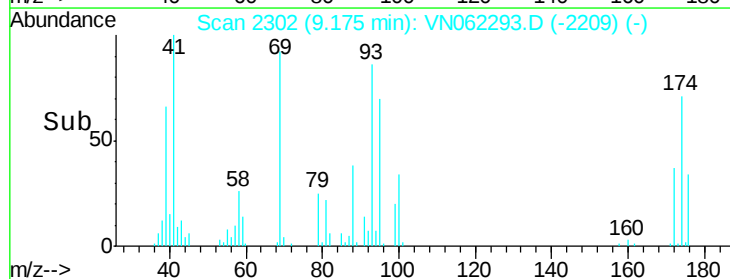
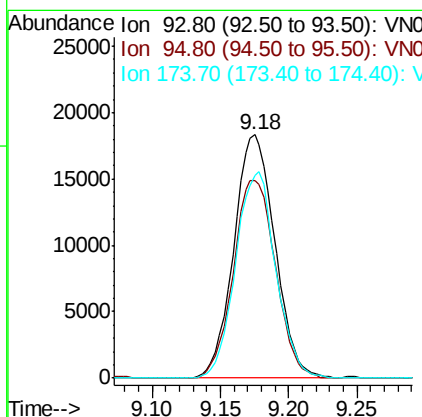
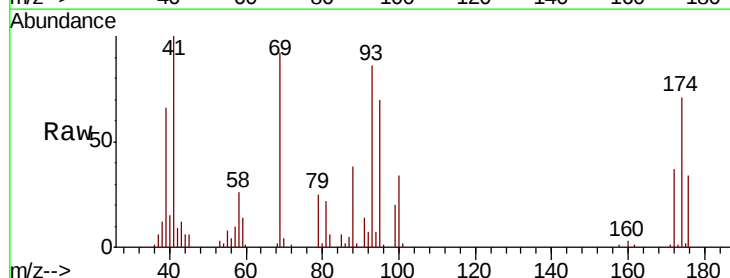
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

Tot Ion: 63 Resp: 59071
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.4



#46
 Dibromomethane
 Concen: 18.117 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 93 Resp: 38374
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 82.8 74.4 111.6





#47

Bromodichloromethane

Concen: 18.333 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

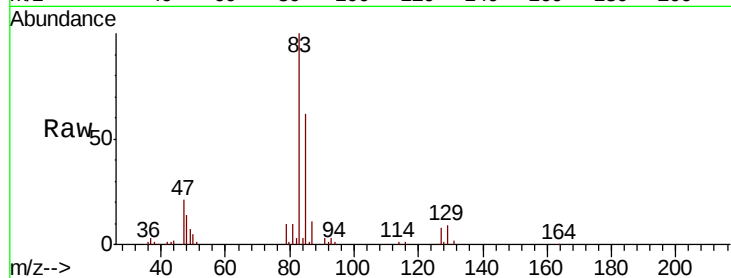
Tot Ion: 83 Resp: 78406

Ion Ratio Lower Upper

83 100

85 62.4 50.3 75.5

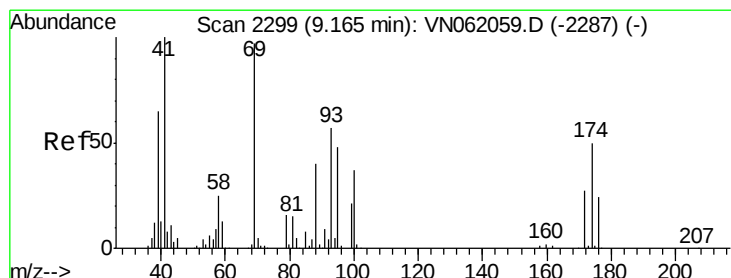
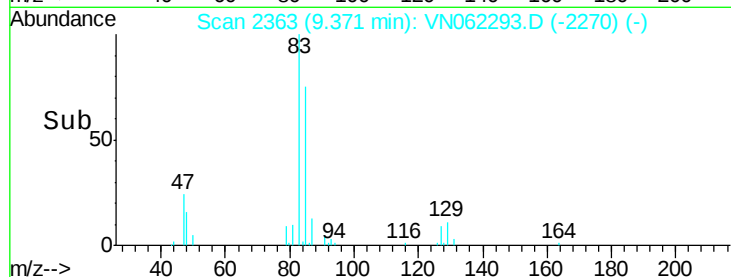
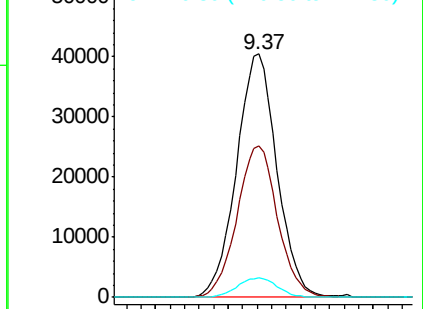
127 7.8 6.9 10.3



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: 19.851 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

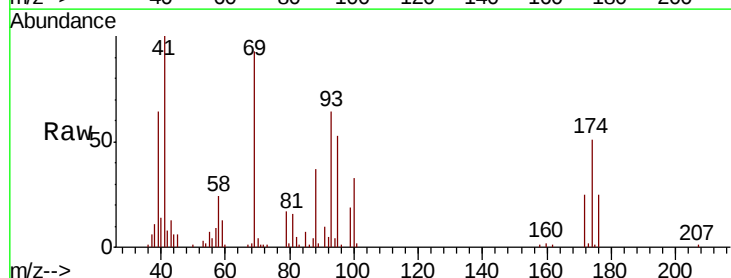
Tgt Ion: 41 Resp: 49915

Ion Ratio Lower Upper

41 100

69 95.3 80.7 121.1

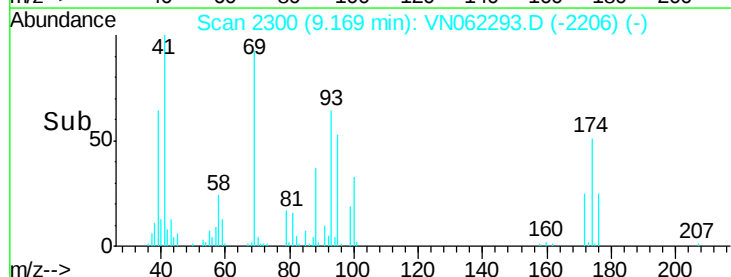
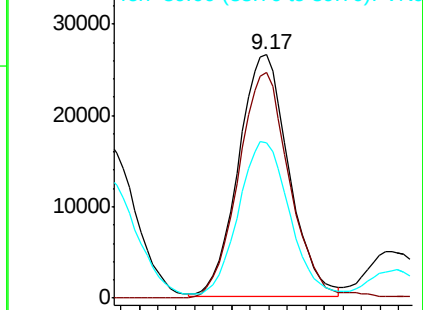
39 66.8 54.5 81.7



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

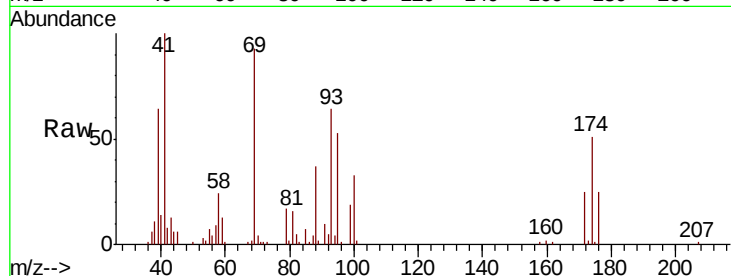




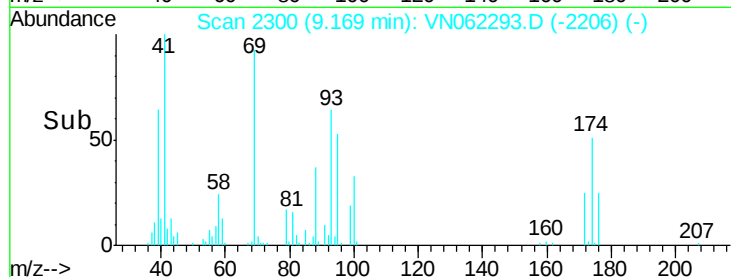
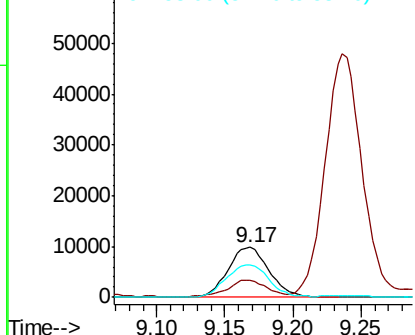
#49
1,4-Dioxane
Concen: 370.038 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

Tot Ion: 88 Resp: 20634
Ion Ratio Lower Upper
88 100
43 34.1 22.0 33.0#
58 68.0 49.2 73.8

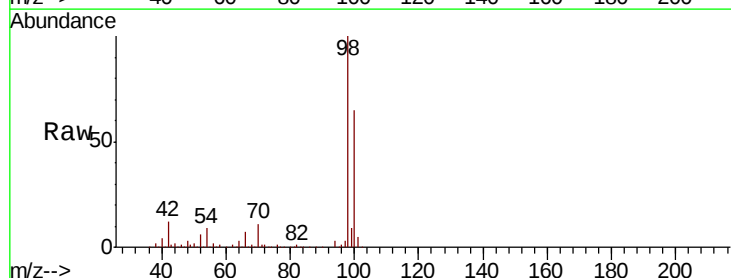


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

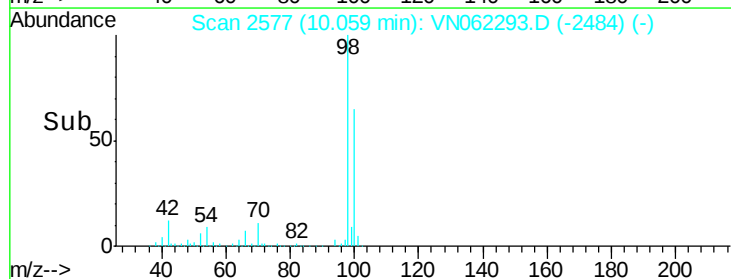
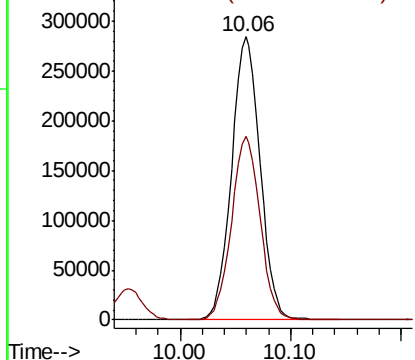


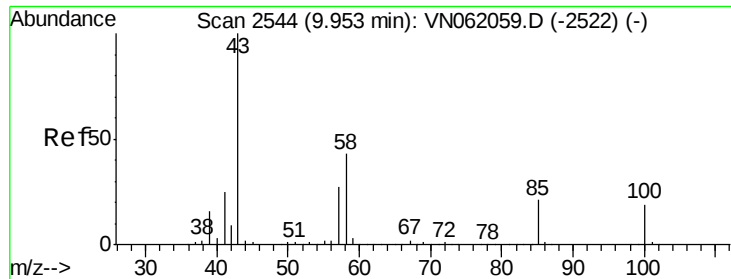
#50
Toluene-d8
Concen: 48.057 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 98 Resp: 509381
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



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: 103.313 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

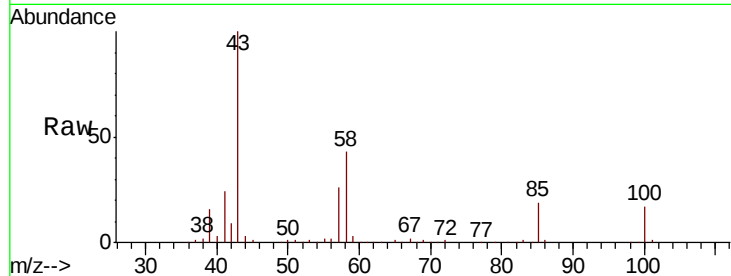
VN0701MBS01

Tot Ion: 43 Resp: 338509

Ion Ratio Lower Upper

43 100

58 41.5 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

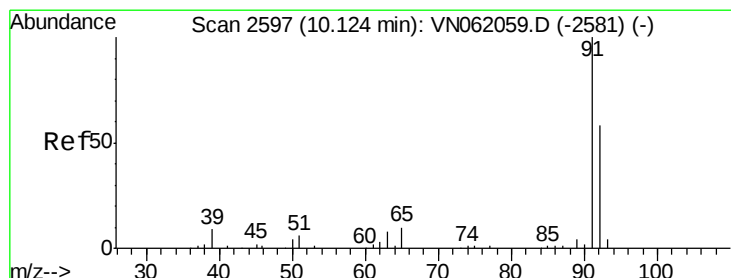
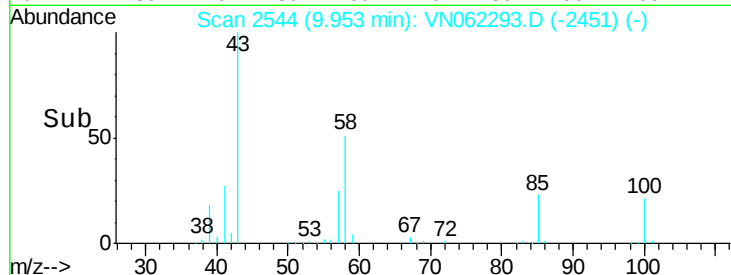
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.151 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062293.D

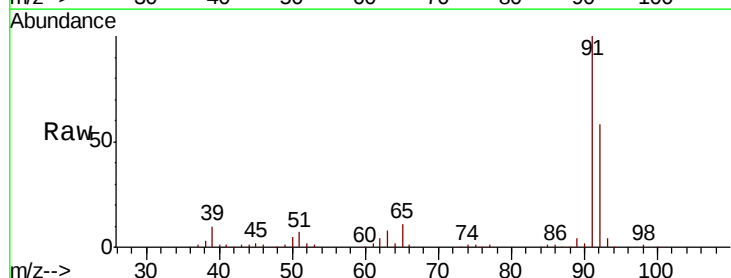
Acq: 1 Jul 2020 15:42

Tgt Ion: 92 Resp: 140239

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

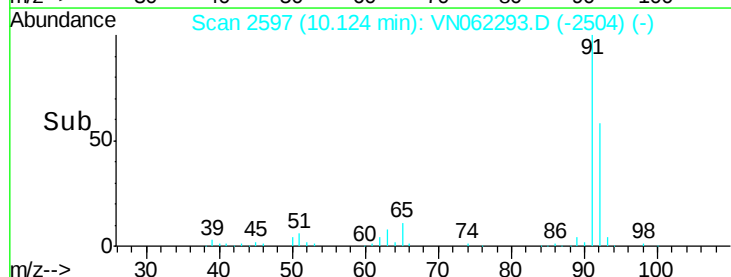
150000

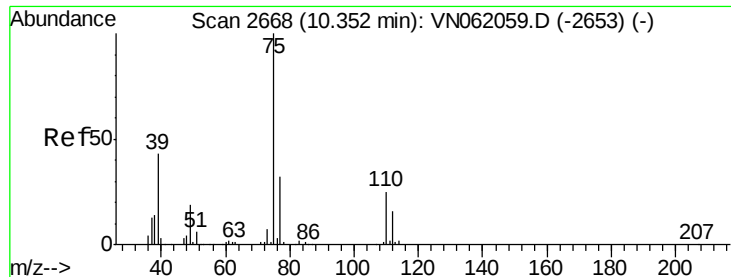
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.026 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampled :

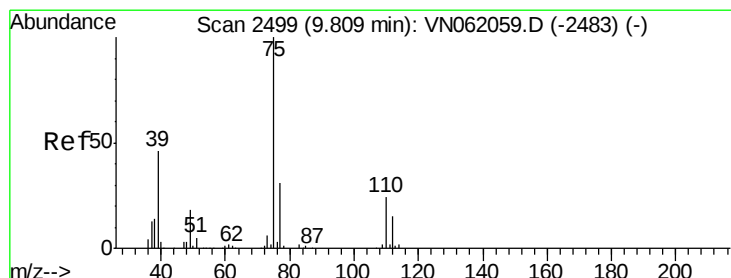
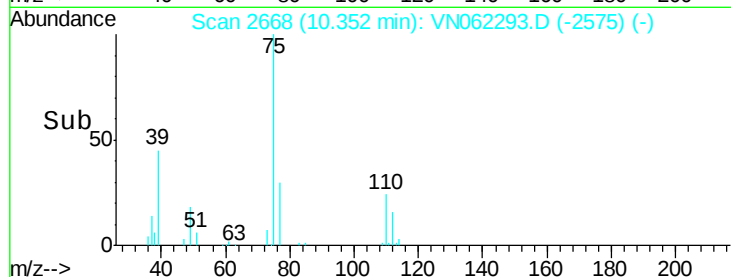
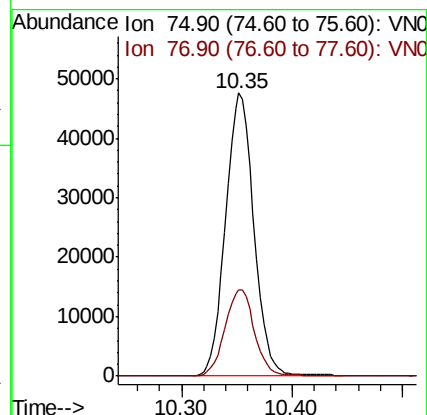
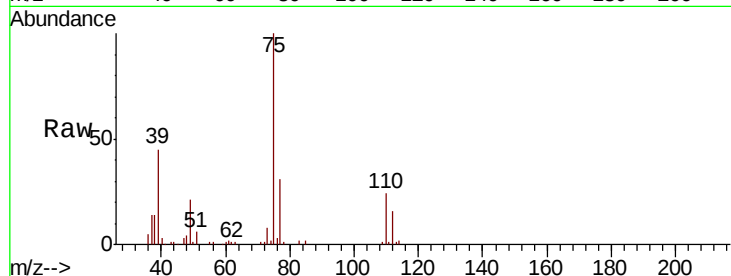
VN0701MBS01

Tot Ion: 75 Resp: 84814

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.276 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

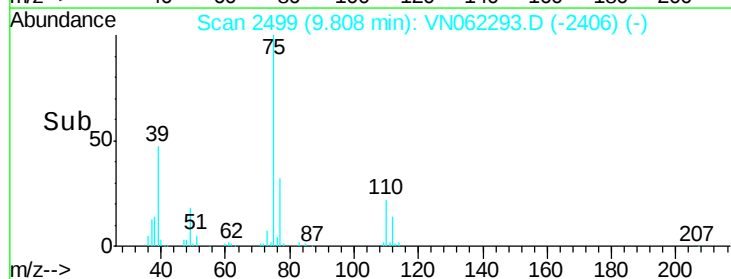
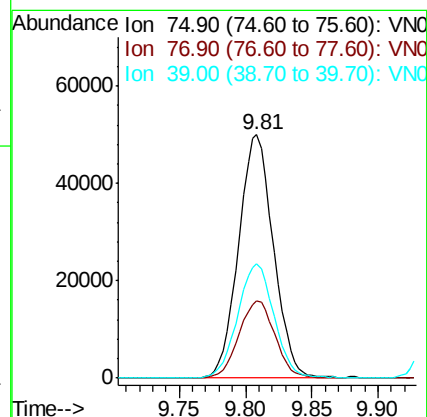
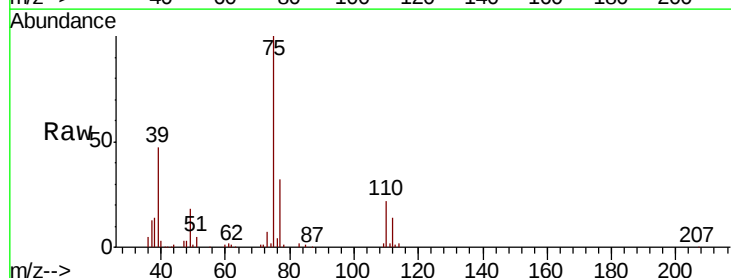
Tgt Ion: 75 Resp: 91550

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 46.8 36.9 55.3

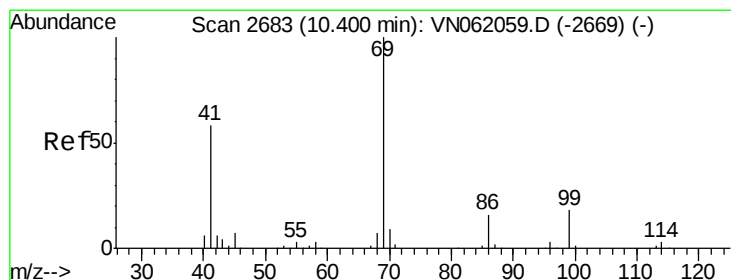
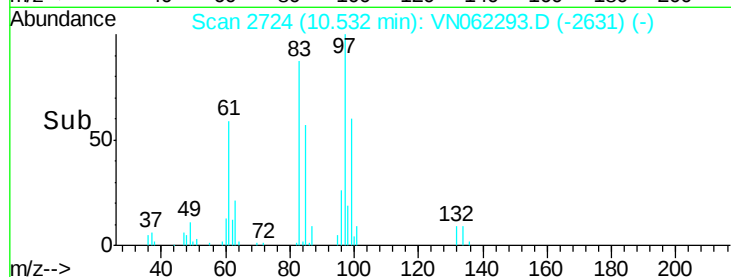
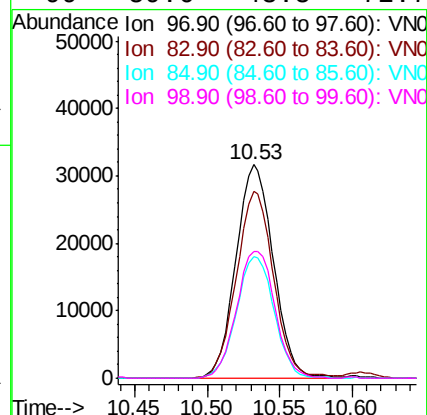
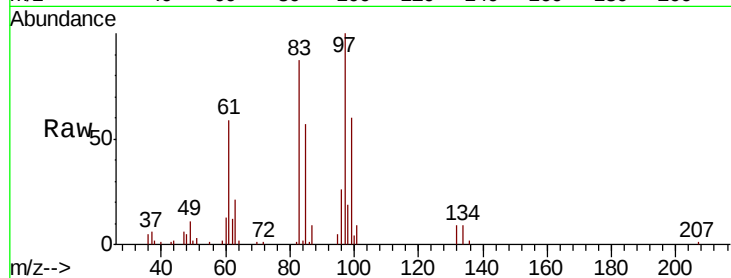




#55
 1,1,2-Trichloroethane
 Concen: 18.699 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

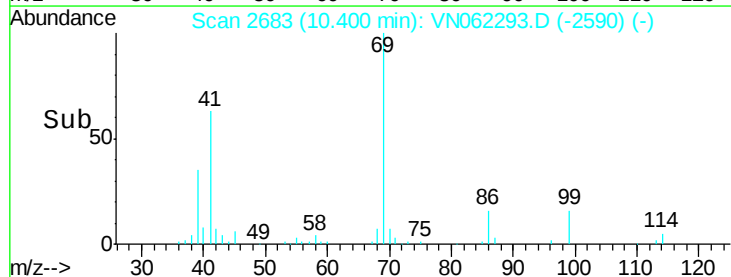
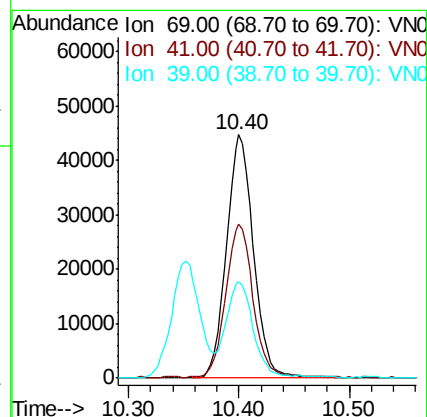
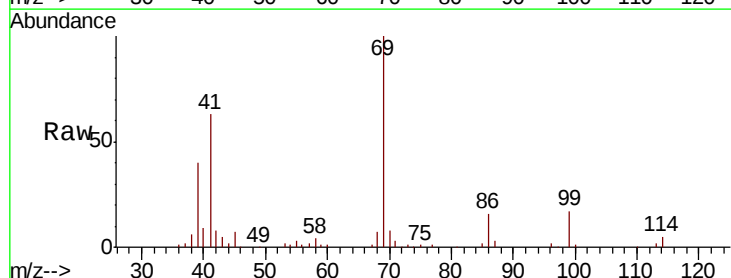
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

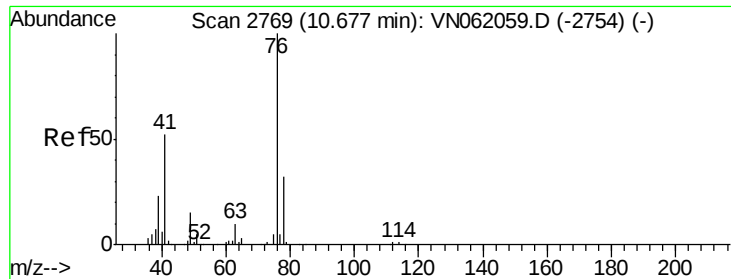
Tot Ion: 97 Resp: 56790
 Ion Ratio Lower Upper
 97 100
 83 87.4 68.2 102.2
 85 56.7 43.2 64.8
 99 59.6 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 18.726 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 69 Resp: 75899
 Ion Ratio Lower Upper
 69 100
 41 62.6 46.6 70.0
 39 39.7 31.0 46.4





#57

1,3-Dichloropropane

Concen: 18.662 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

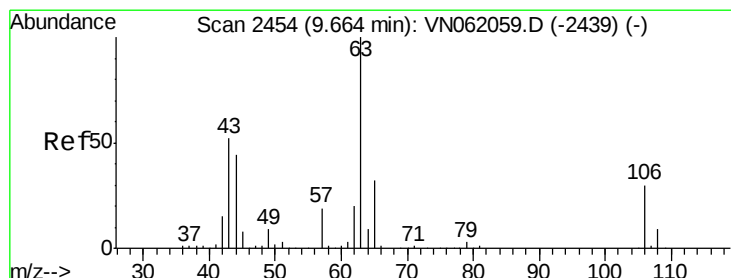
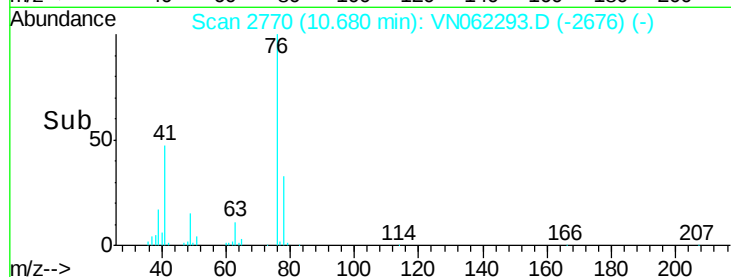
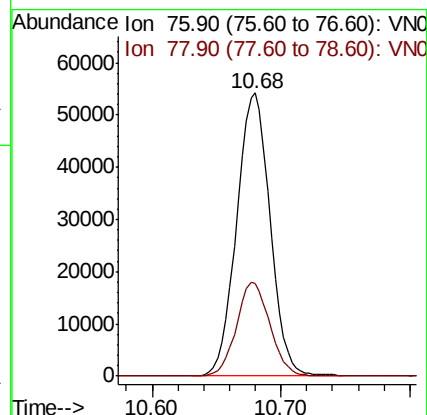
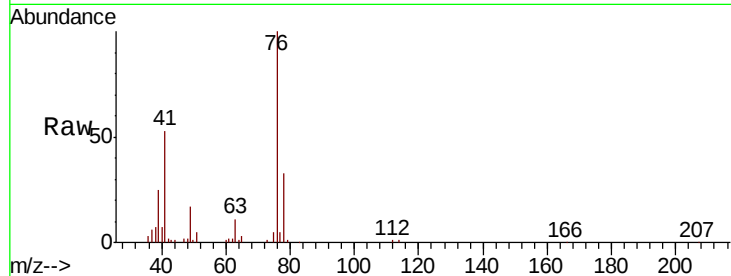
VN0701MBS01

Tot Ion: 76 Resp: 97560

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.971 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062293.D

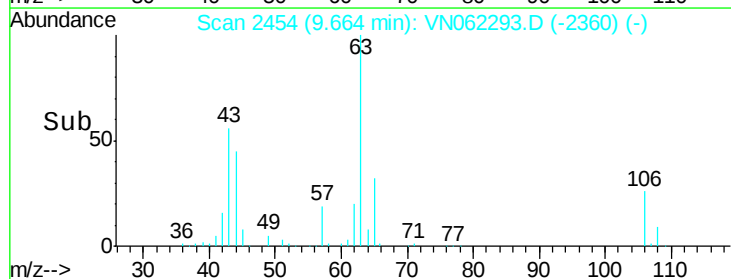
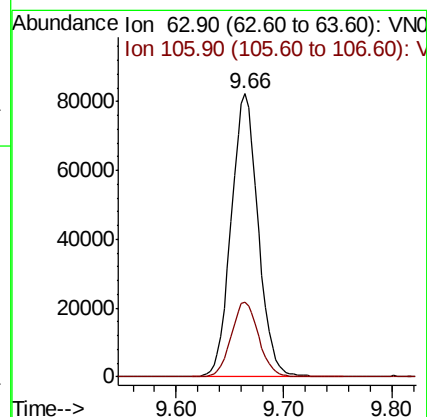
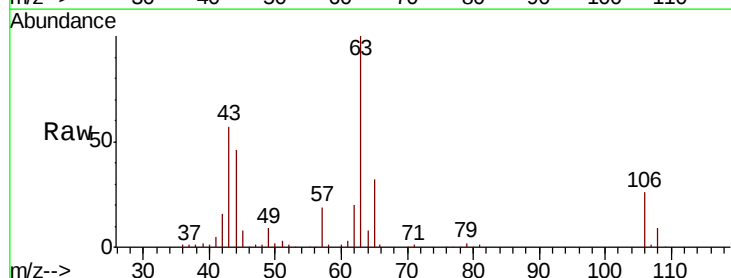
Acq: 1 Jul 2020 15:42

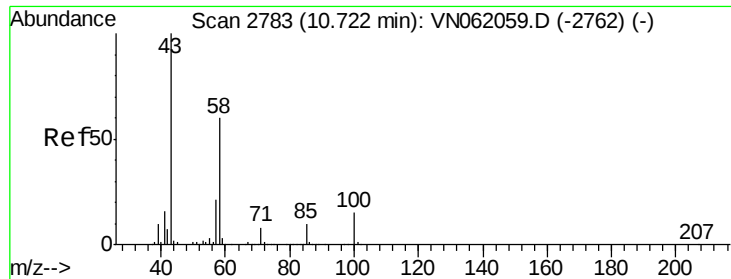
Tgt Ion: 63 Resp: 143624

Ion Ratio Lower Upper

63 100

106 26.7 23.2 34.8

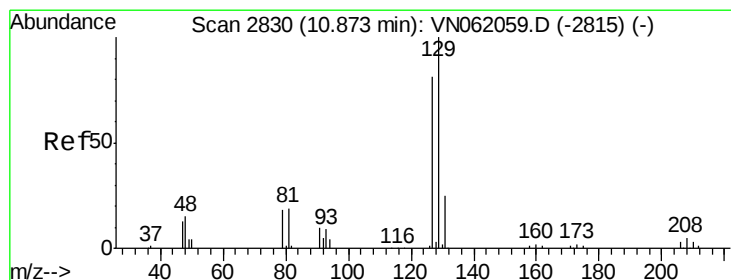
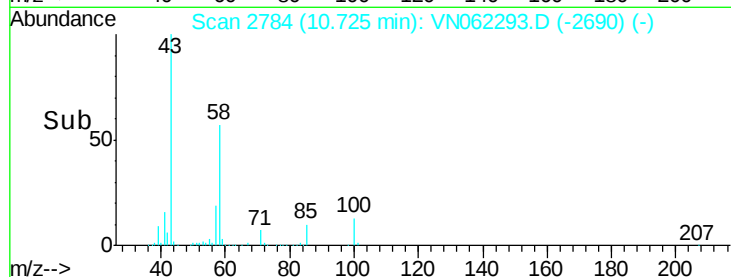
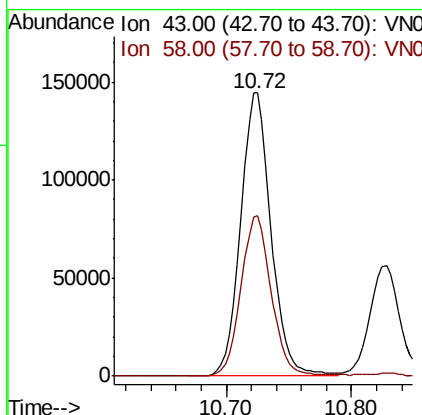
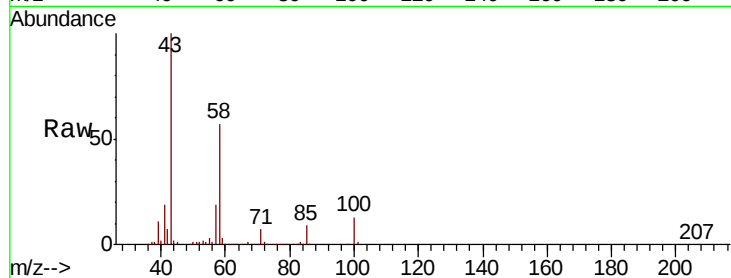




#59
2-Hexanone
Concen: 102.633 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

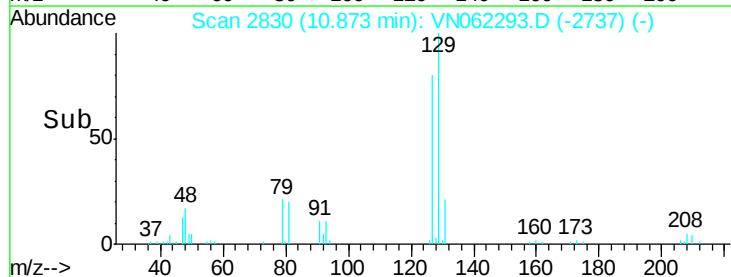
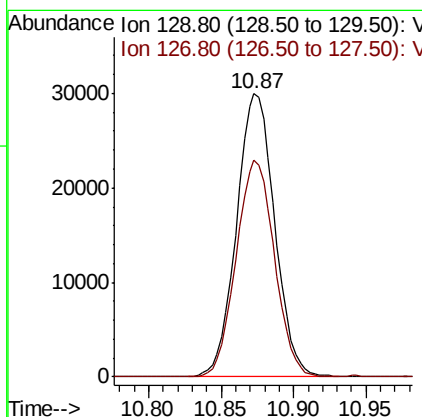
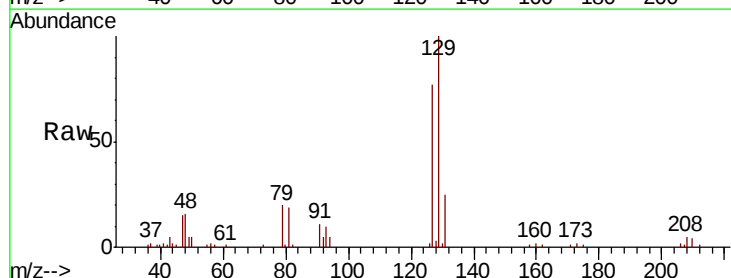
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

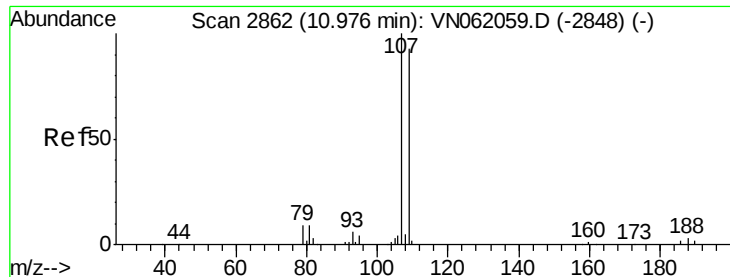
Tot Ion: 43 Resp: 242828
Ion Ratio Lower Upper
43 100
58 57.0 29.5 88.5



#60
Dibromochloromethane
Concen: 17.025 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 129 Resp: 54742
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.5





#61

1,2-Dibromoethane

Concen: 17.320 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

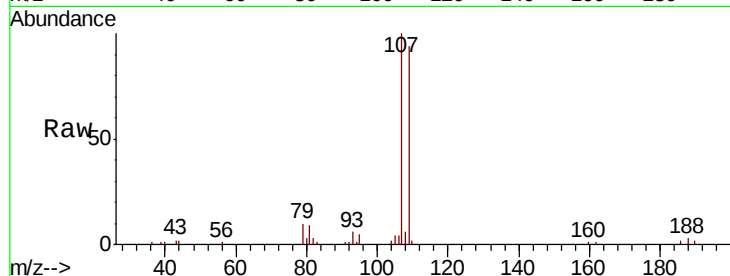
VN0701MBS01

Tot Ion:107 Resp: 54051

Ion Ratio Lower Upper

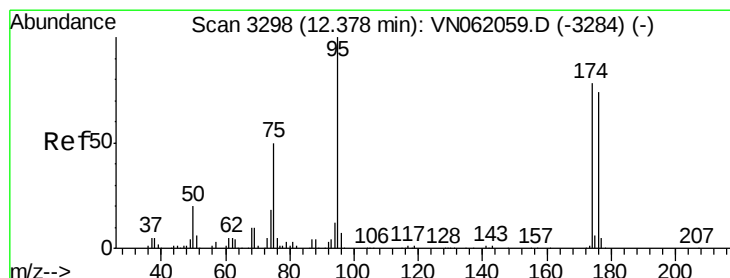
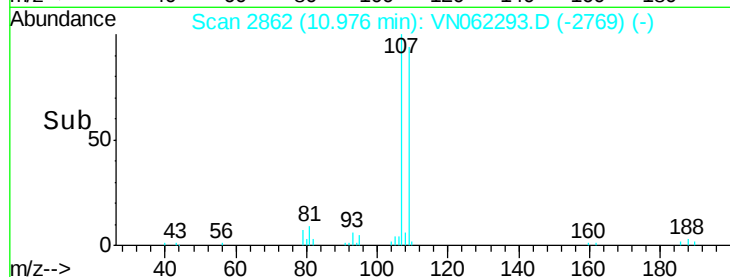
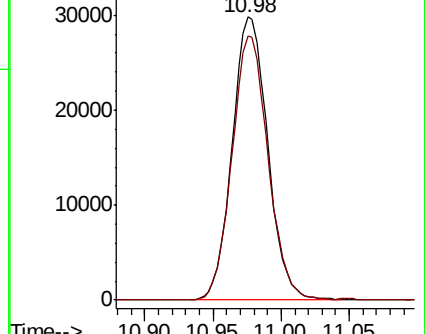
107 100

109 94.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.018 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

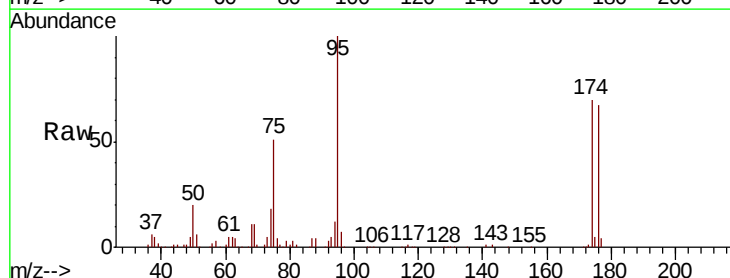
Tgt Ion: 95 Resp: 168380

Ion Ratio Lower Upper

95 100

174 71.1 0.0 154.8

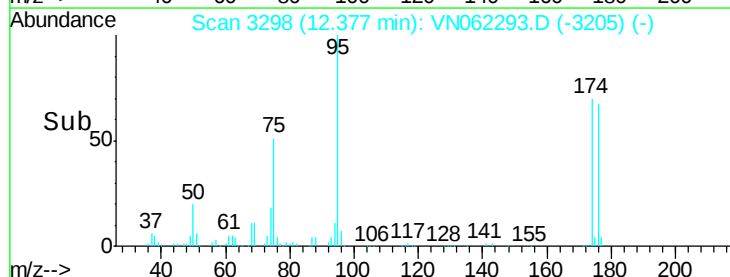
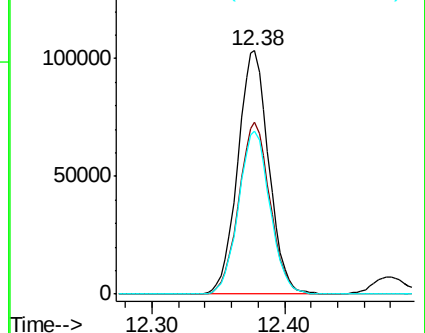
176 67.5 0.0 147.4

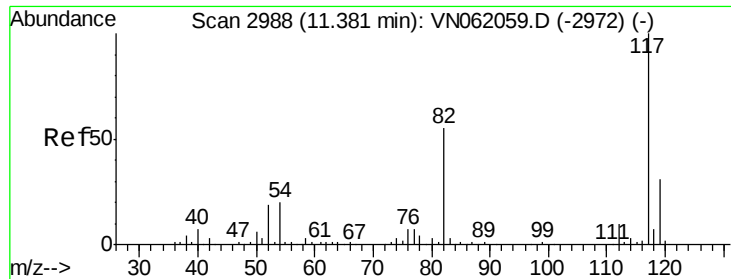


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

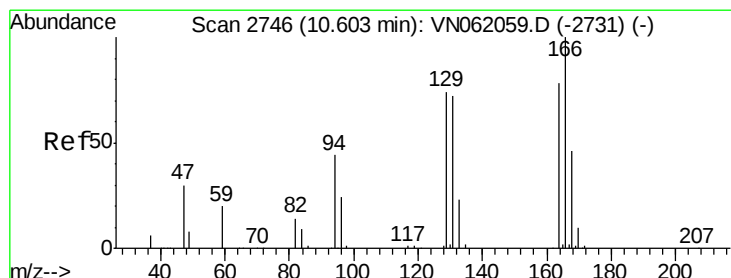
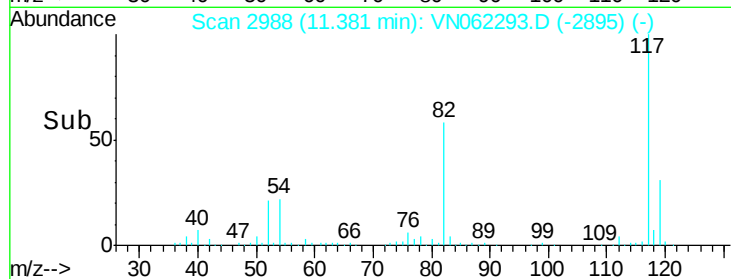
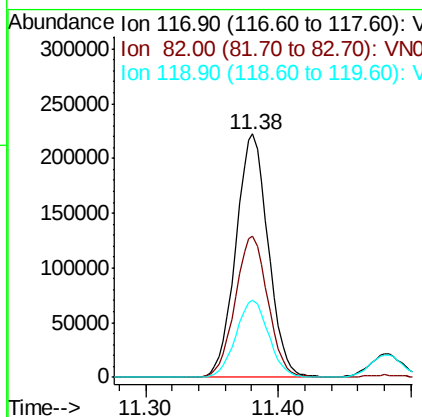
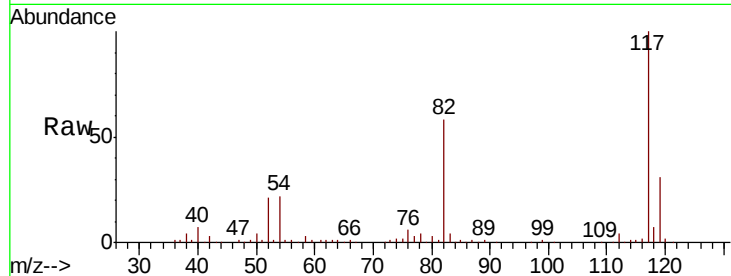




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

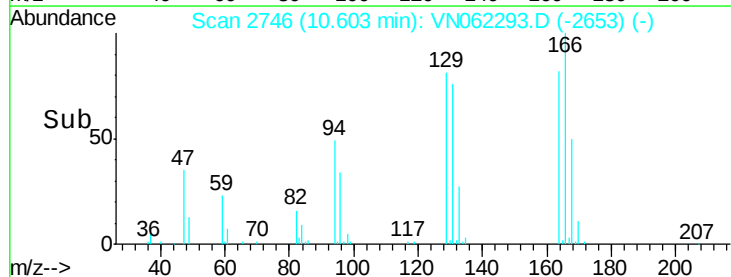
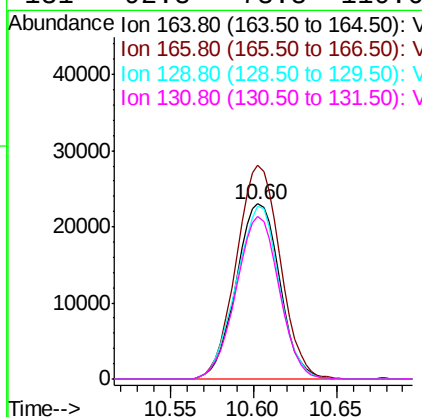
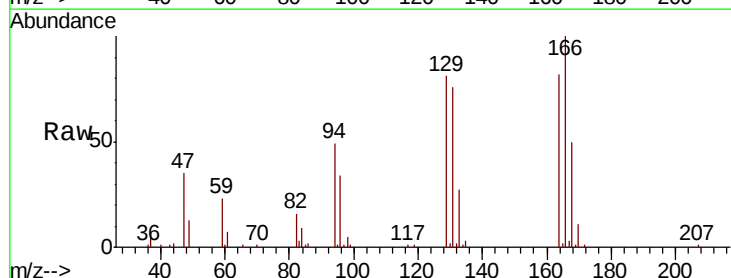
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

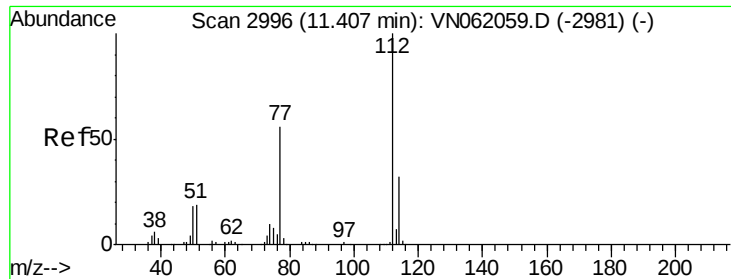
Tot Ion:117 Resp: 377143
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 16.345 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion:164 Resp: 42109
Ion Ratio Lower Upper
164 100
166 121.8 102.9 154.3
129 98.5 75.8 113.8
131 92.8 73.8 110.6





#65

Chlorobenzene

Concen: 17.416 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

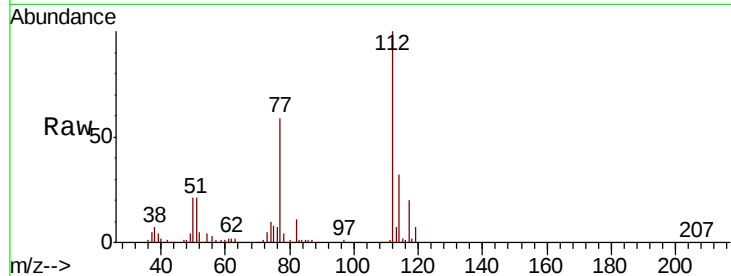
VN0701MBS01

Tot Ion:112 Resp: 144241

Ion Ratio Lower Upper

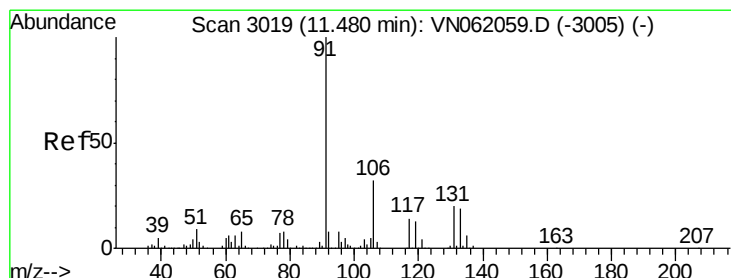
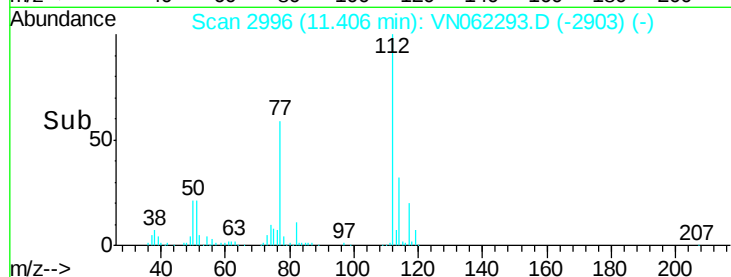
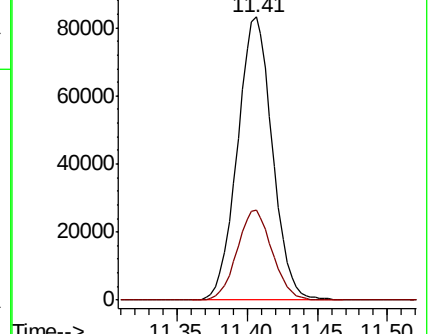
112 100

114 31.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.424 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

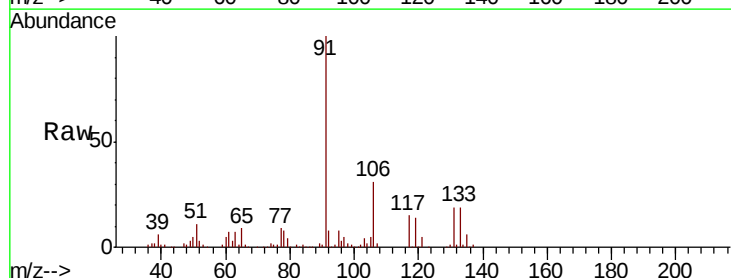
Tgt Ion:131 Resp: 49900

Ion Ratio Lower Upper

131 100

133 94.7 47.6 142.9

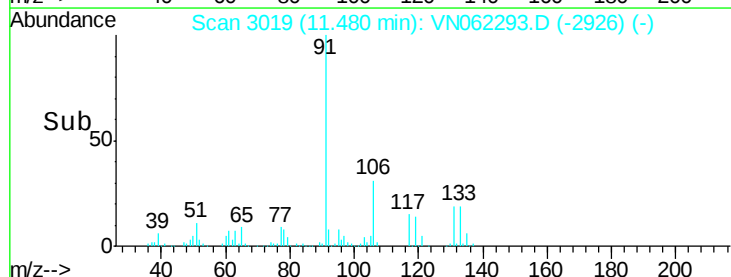
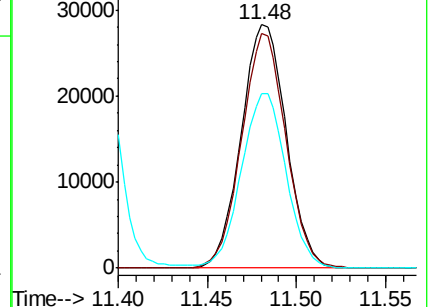
119 71.4 34.4 103.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

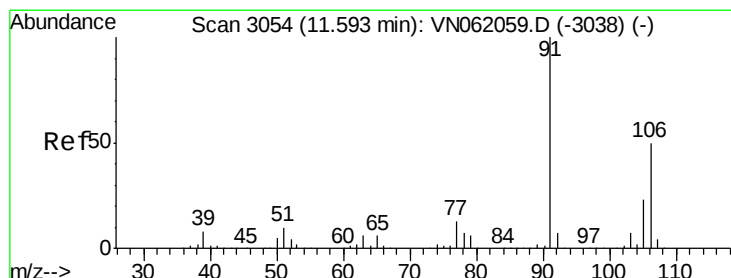
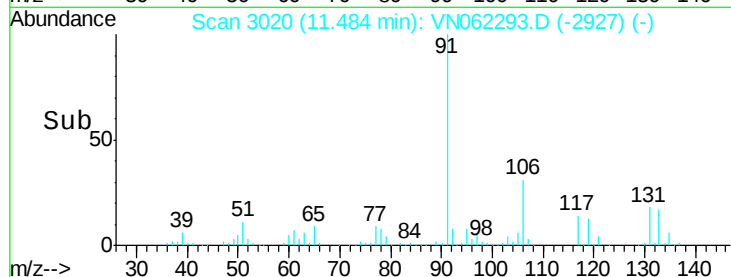
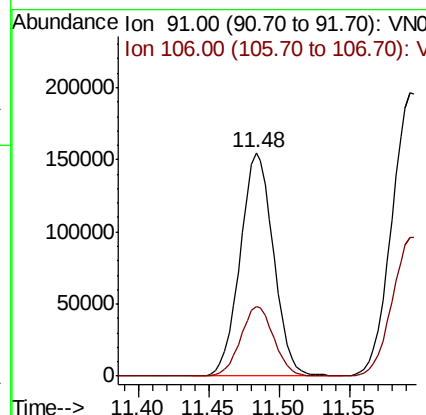
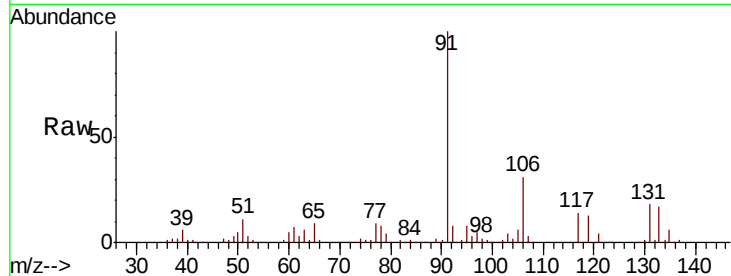




#67
Ethyl Benzene
Concen: 18.330 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

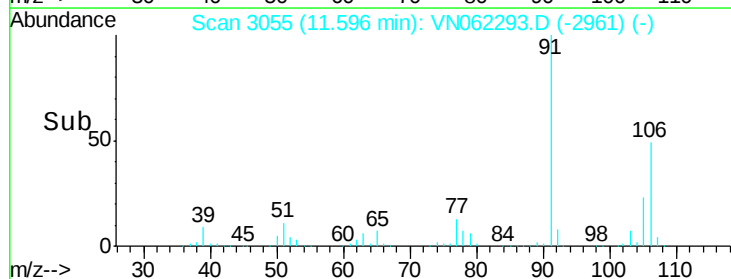
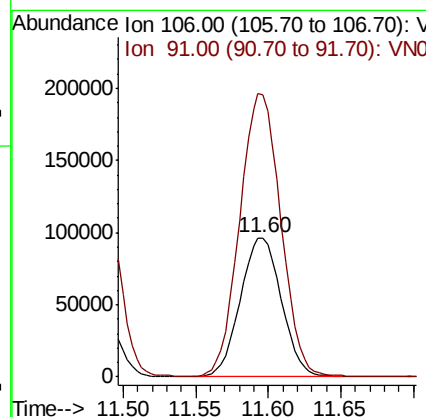
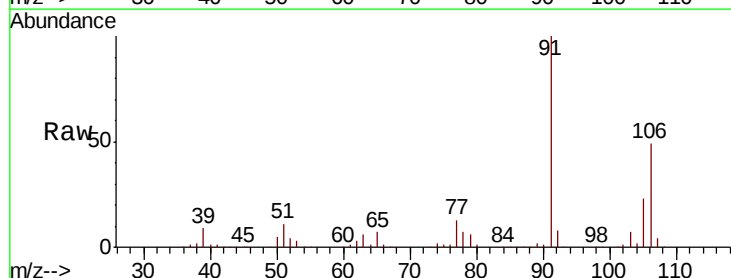
Instrument :
MSVOA_N
ClientSampled :
VN0701MBS01

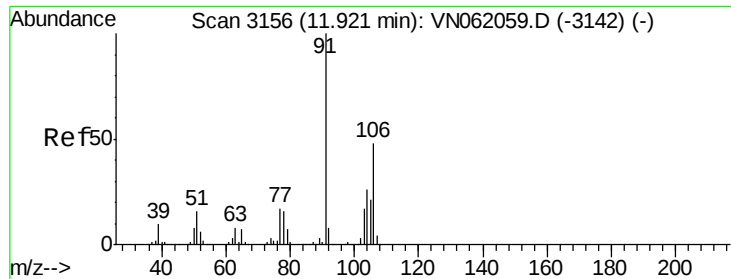
Tot Ion: 91 Resp: 256385
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 35.118 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 106 Resp: 189993
Ion Ratio Lower Upper
106 100
91 202.9 157.8 236.8

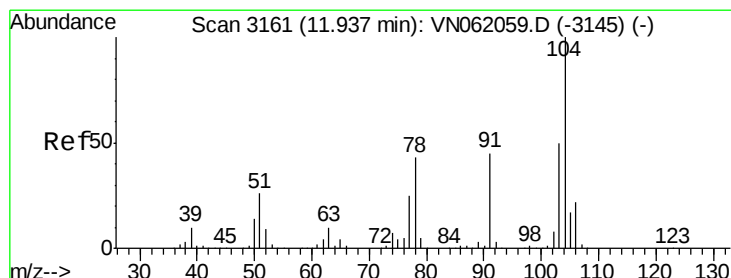
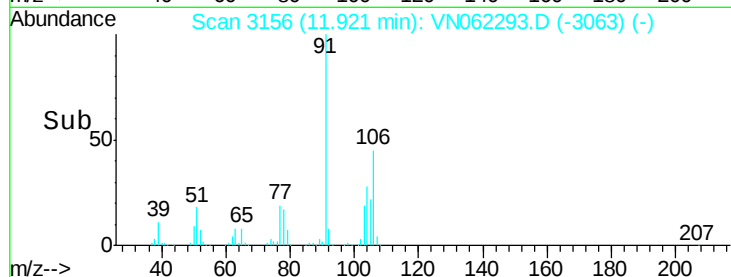
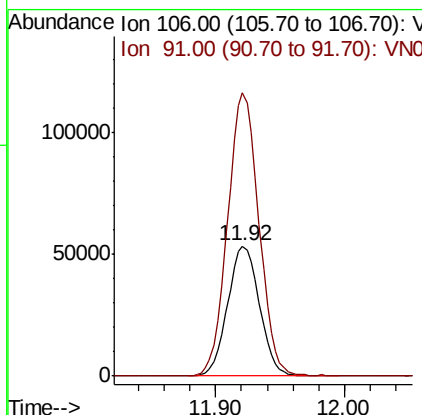
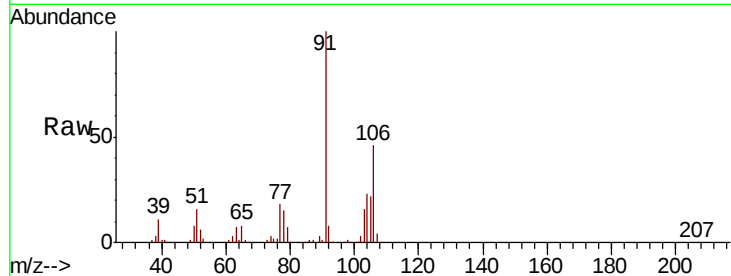




#69
o-Xylene
Concen: 17.927 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

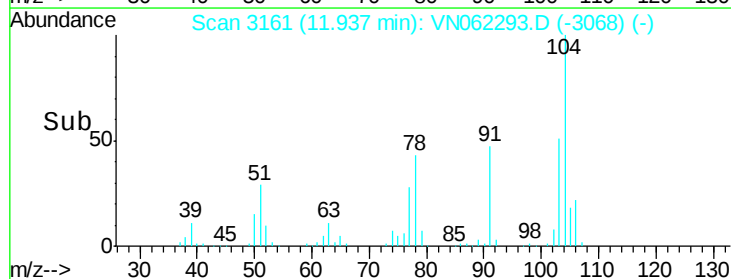
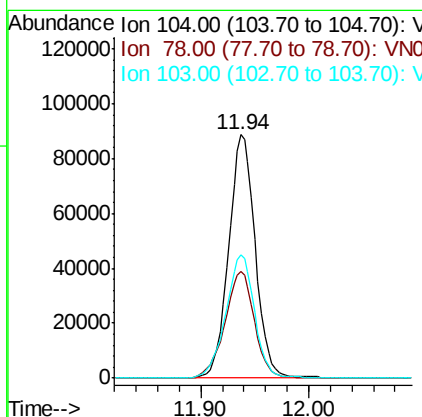
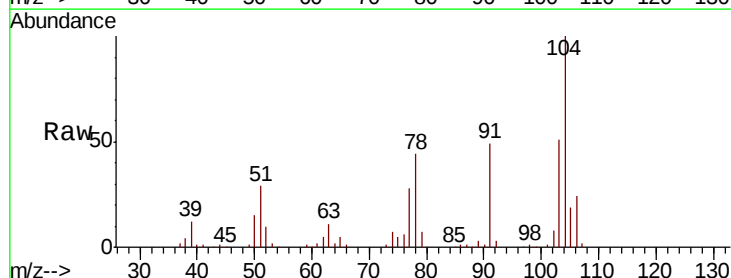
Instrument :
MSVOA_N
ClientSampled :
VN0701MBS01

Tot Ion:106 Resp: 91507
Ion Ratio Lower Upper
106 100
91 213.5 104.0 311.9



#70
Styrene
Concen: 17.889 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion:104 Resp: 152293
Ion Ratio Lower Upper
104 100
78 48.7 37.7 56.5
103 54.8 43.0 64.6





#71

Bromoform

Concen: 16.559 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

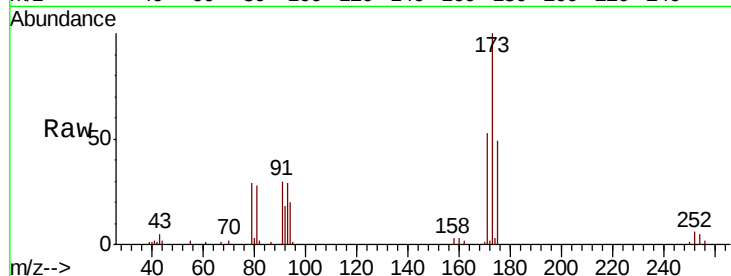
Tot Ion:173 Resp: 33718

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

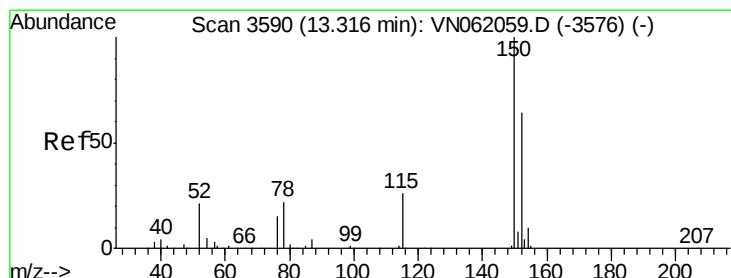
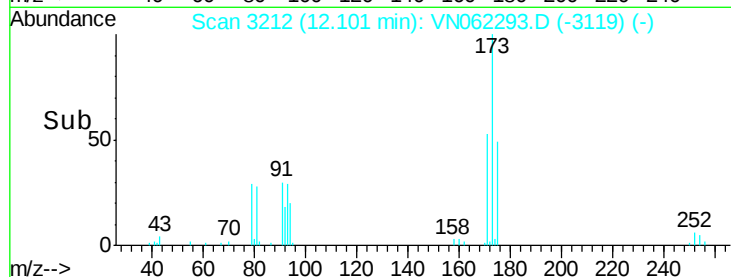
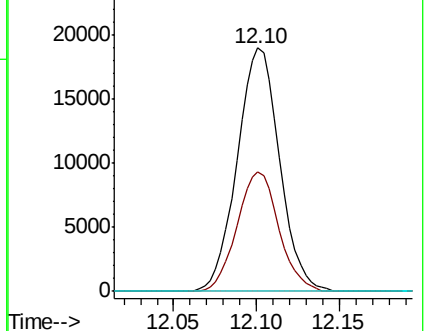
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

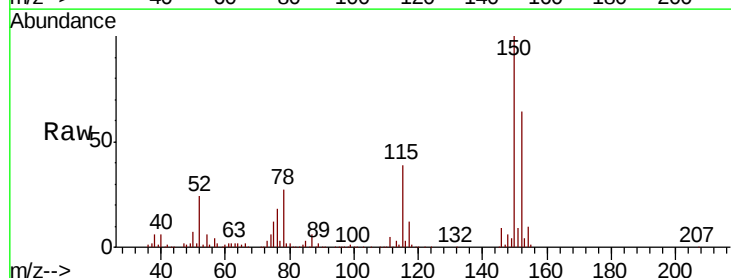
Tgt Ion:152 Resp: 162557

Ion Ratio Lower Upper

152 100

115 61.7 29.5 88.5

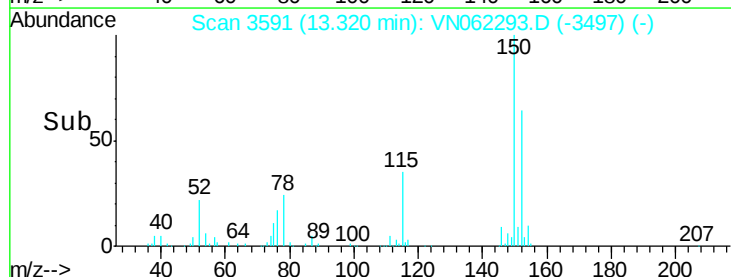
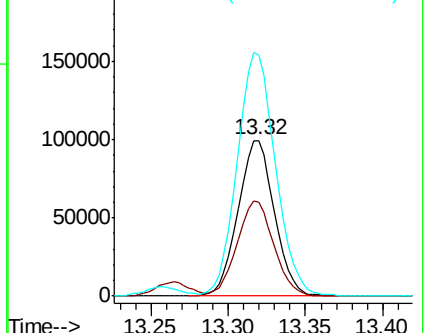
150 164.4 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.311 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

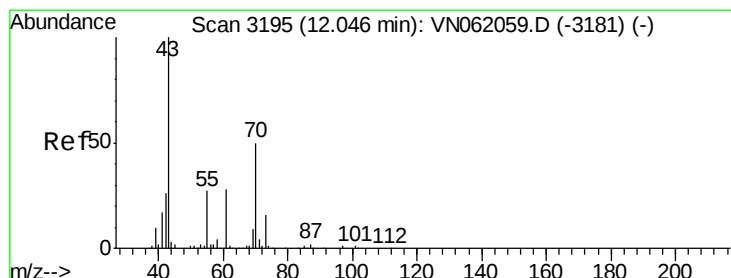
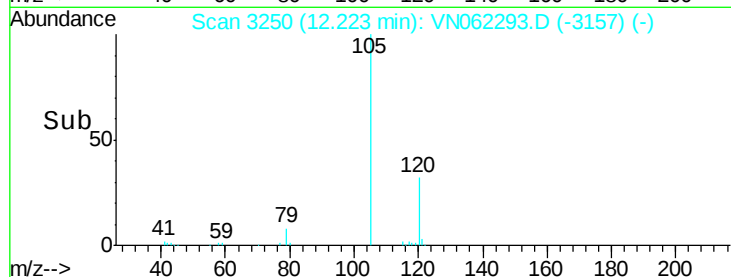
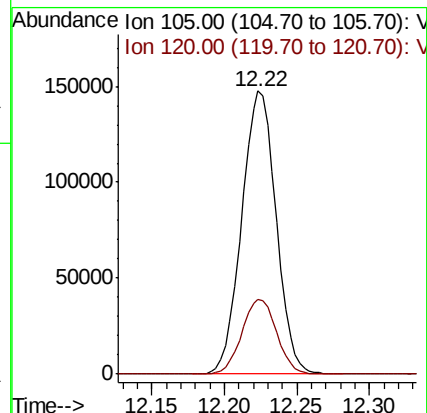
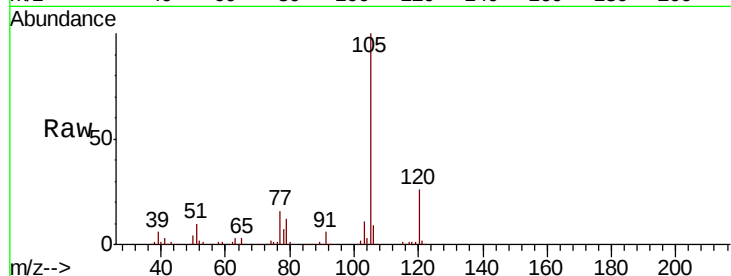
VN0701MBS01

Tot Ion:105 Resp: 242989

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 21.295 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Tgt Ion: 43 Resp: 89112

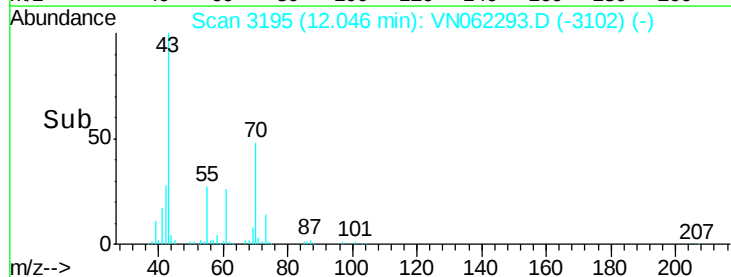
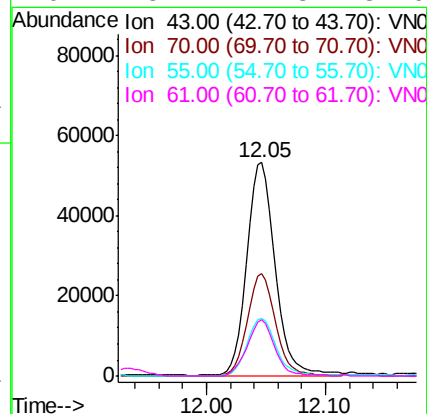
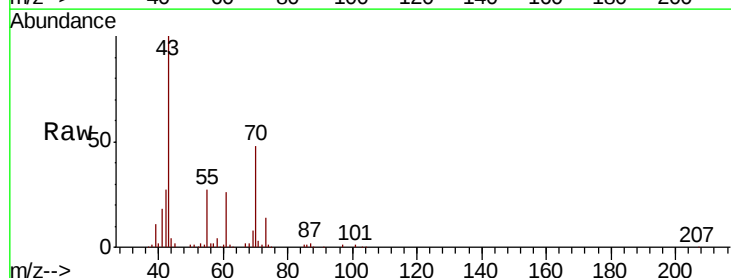
Ion Ratio Lower Upper

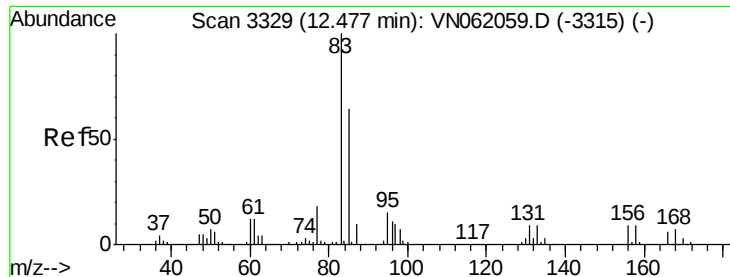
43 100

70 47.0 39.4 59.2

55 27.8 21.7 32.5

61 25.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.121 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

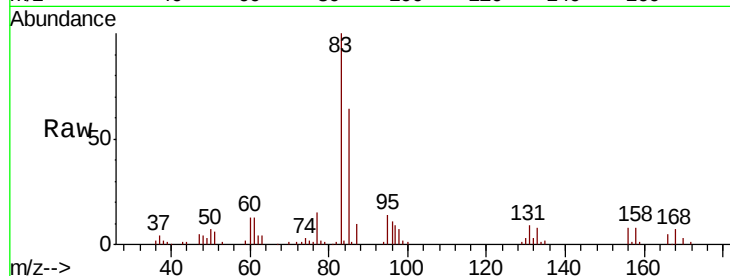
Tot Ion: 83 Resp: 84256

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.4

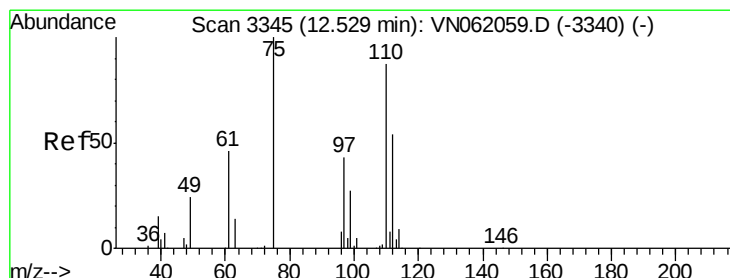
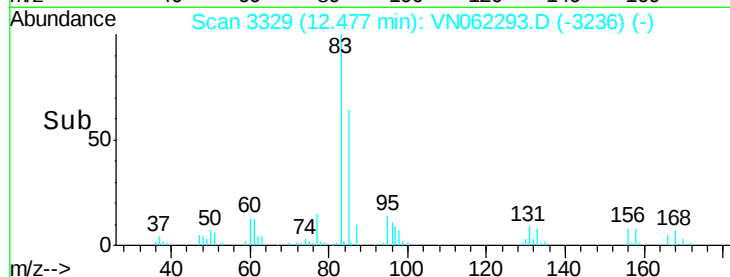
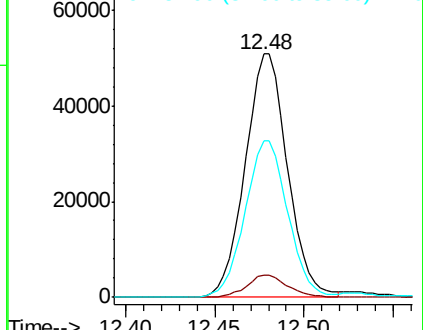
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.820 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062293.D

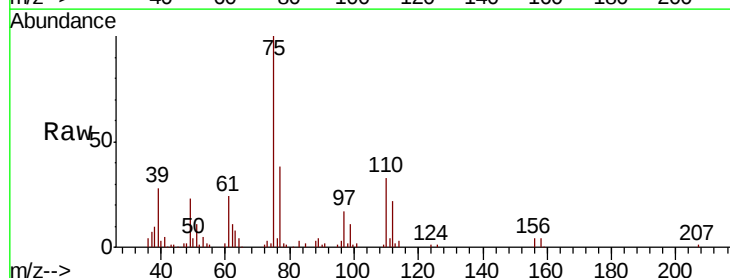
Acq: 1 Jul 2020 15:42

Tgt Ion: 75 Resp: 102633

Ion Ratio Lower Upper

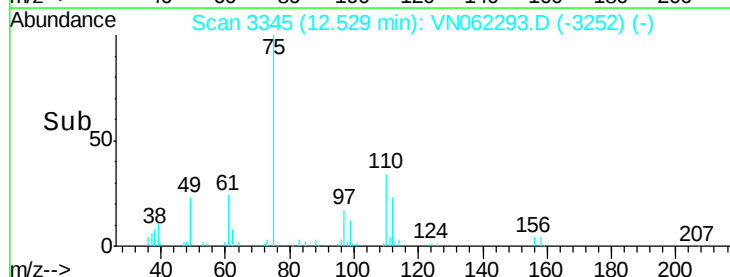
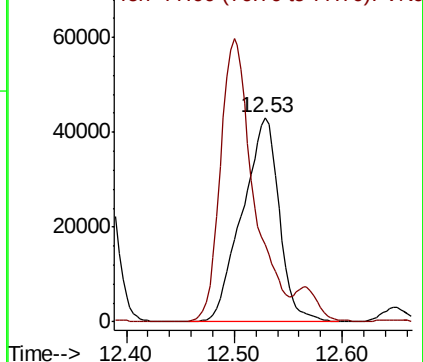
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.726 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

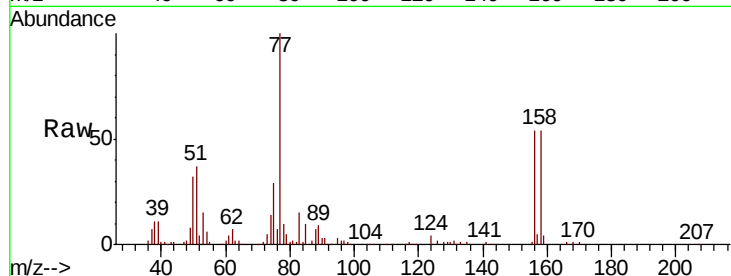
Tot Ion:156 Resp: 55376

Ion Ratio Lower Upper

156 100

77 231.5 104.6 313.8

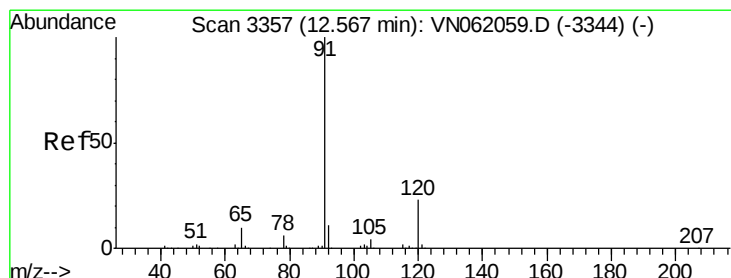
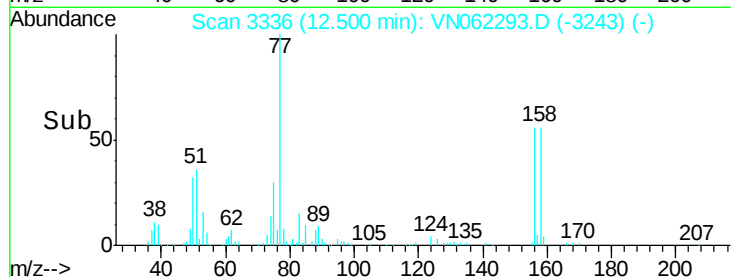
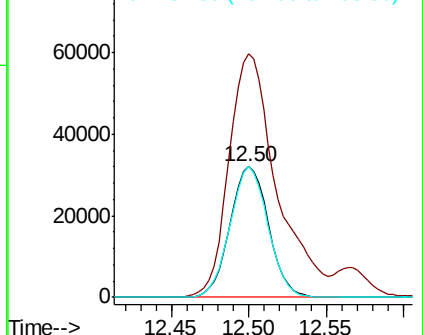
158 98.4 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.437 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062293.D

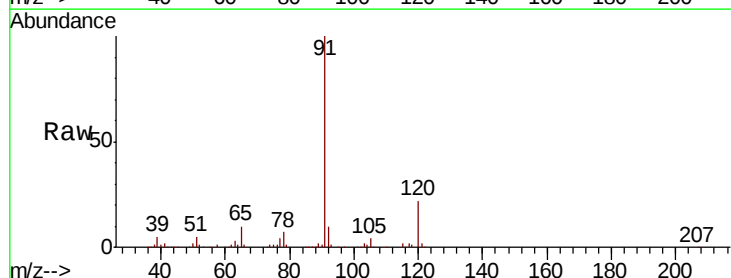
Acq: 1 Jul 2020 15:42

Tgt Ion: 91 Resp: 279758

Ion Ratio Lower Upper

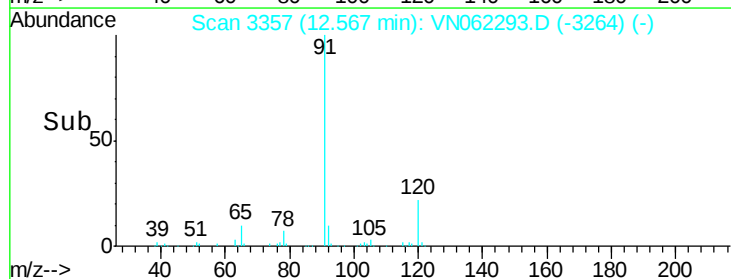
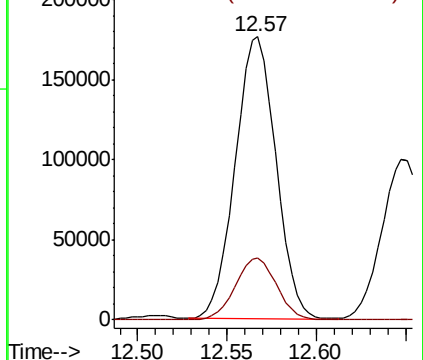
91 100

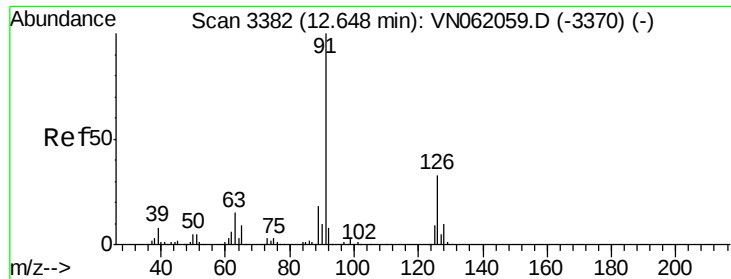
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

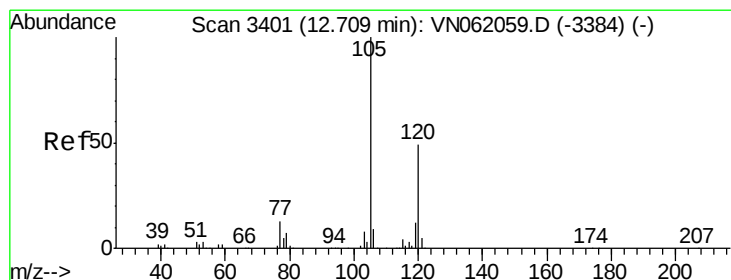
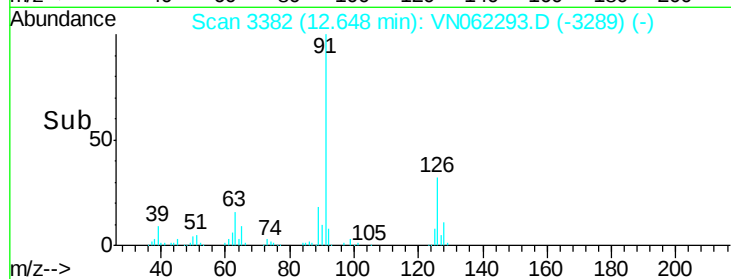
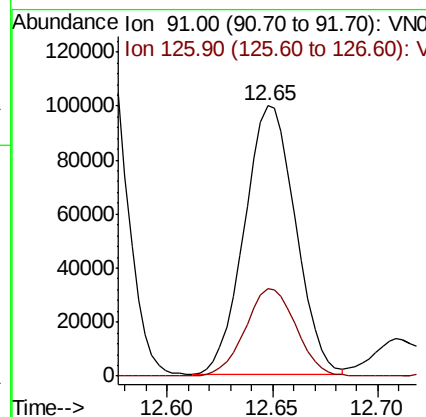
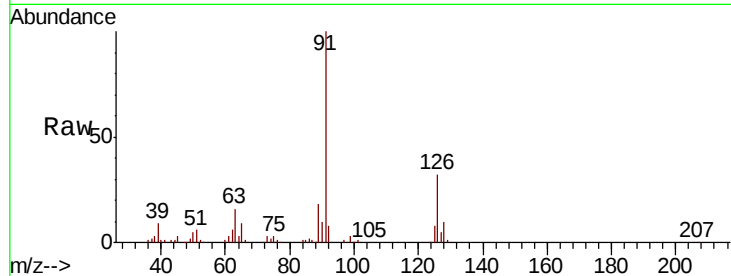




#79
 2-Chlorotoluene
 Concen: 19.319 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

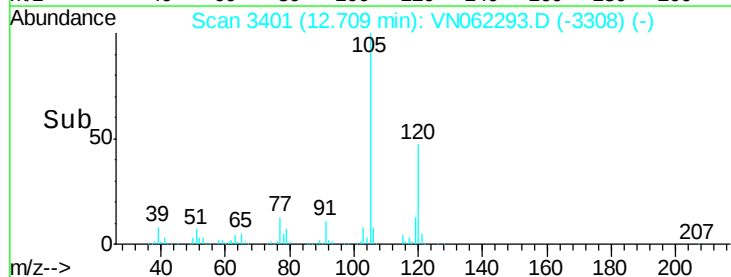
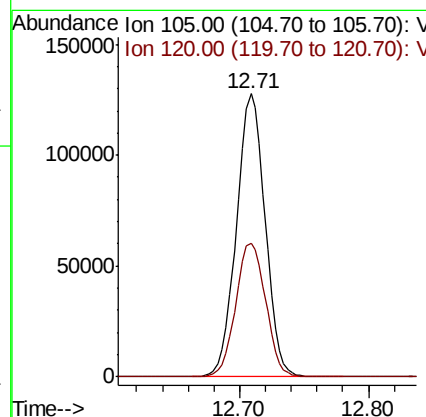
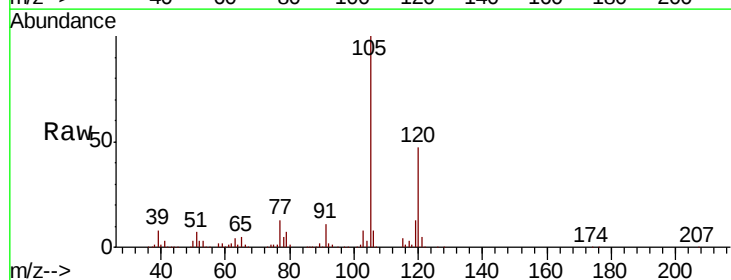
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

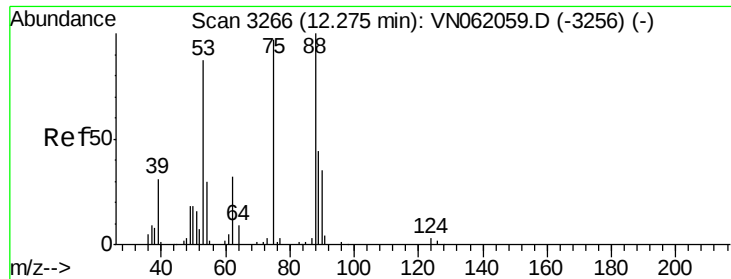
Tot Ion: 91 Resp: 168102
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.234 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 105 Resp: 196195
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0

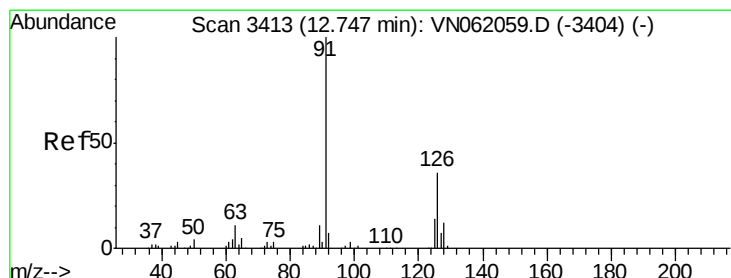
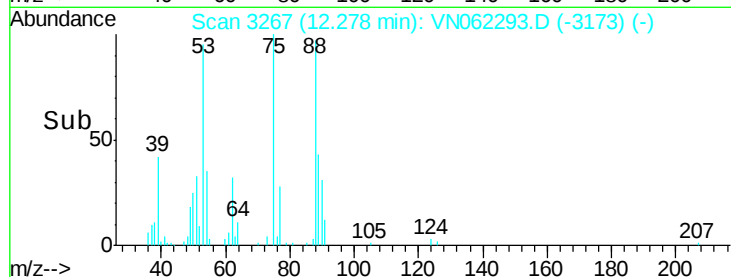
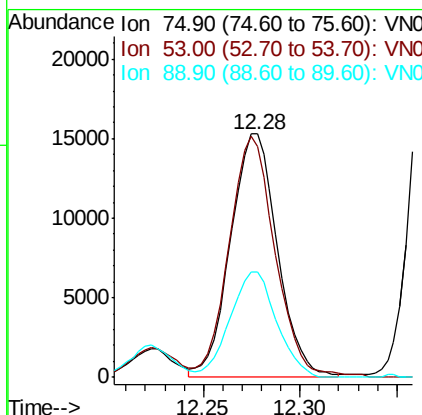
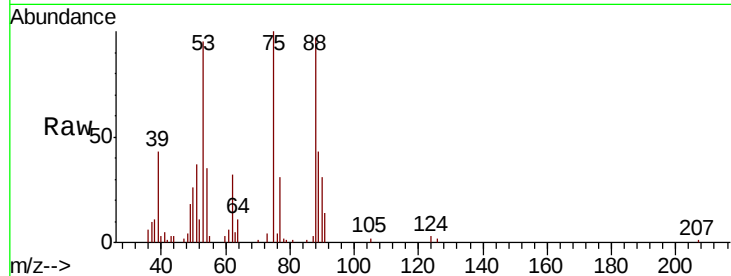




#81
trans-1,4-Dichloro-2-butene
Concen: 19.688 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

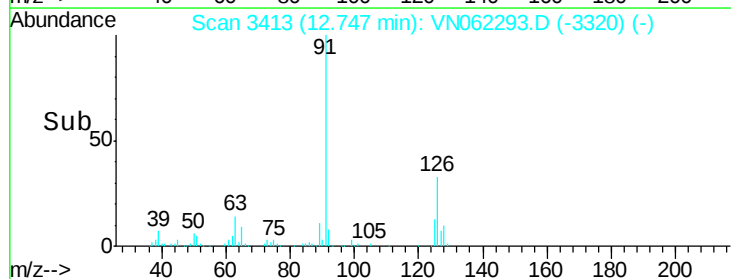
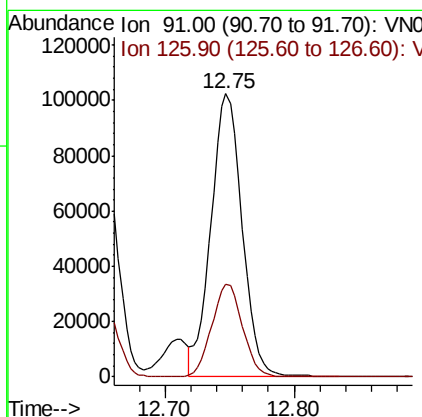
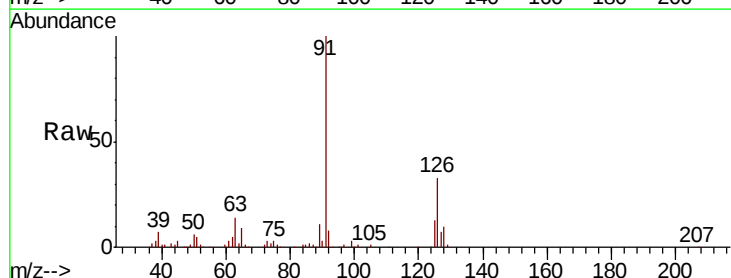
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

Tot Ion: 75 Resp: 25798
Ion Ratio Lower Upper
75 100
53 96.9 72.0 108.0
89 43.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.941 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 91 Resp: 170432
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.1

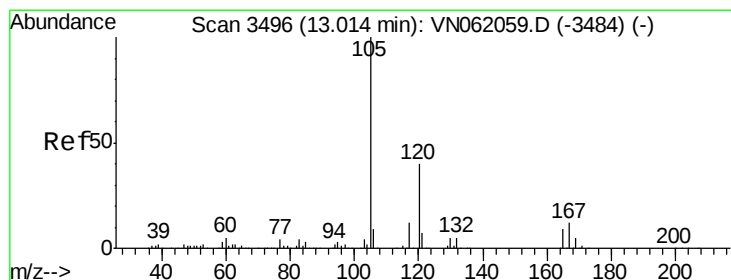
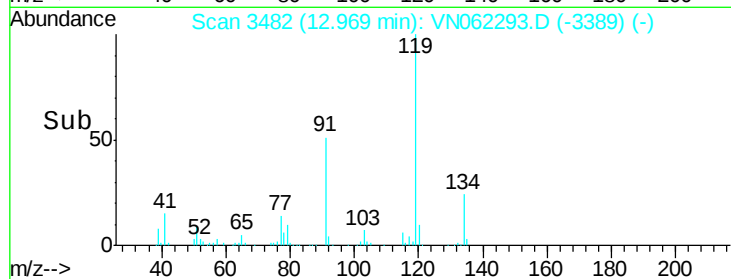
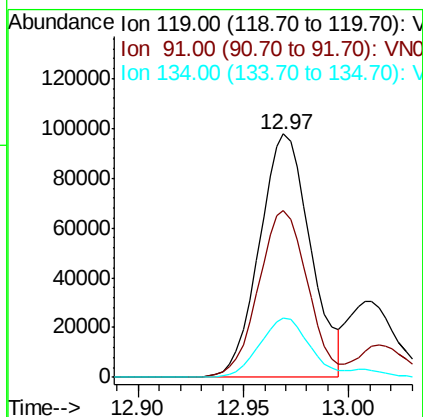
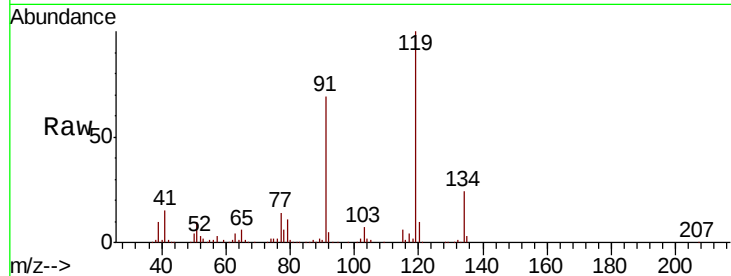




#83
 tert-Butylbenzene
 Concen: 18.842 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

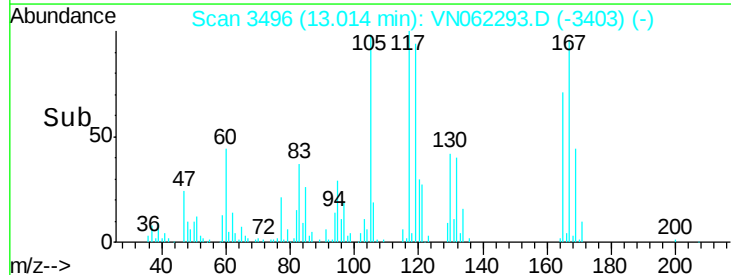
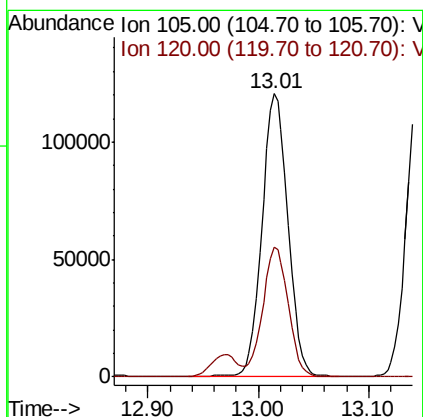
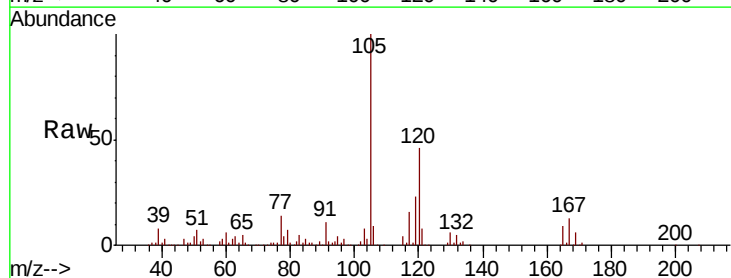
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

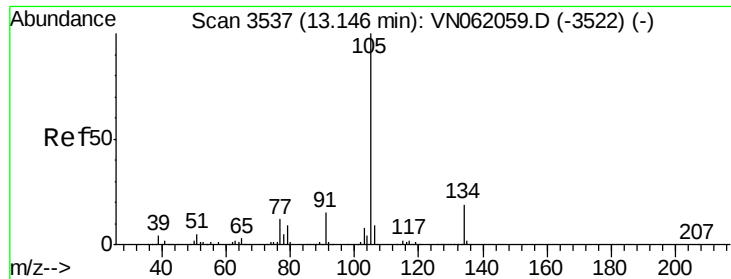
Tot Ion:119 Resp: 164485
 Ion Ratio Lower Upper
 119 100
 91 66.4 31.7 95.1
 134 24.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.354 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:105 Resp: 197178
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.5

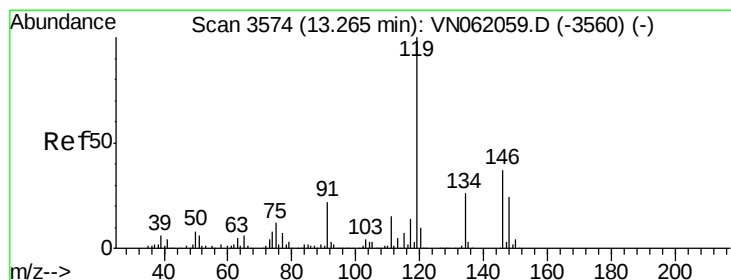
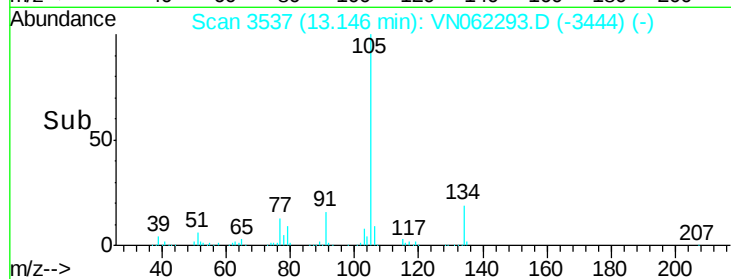
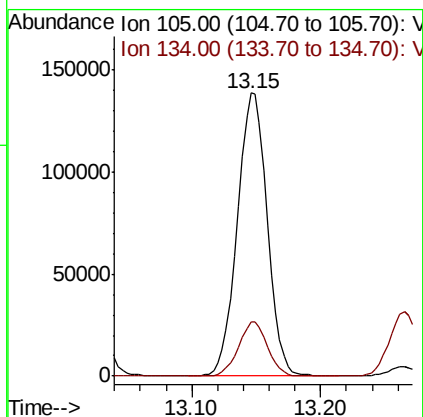
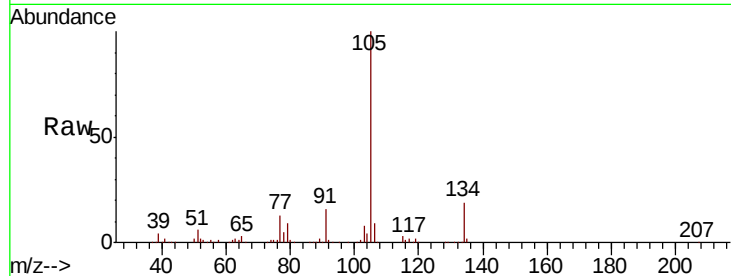




#85
 sec-Butylbenzene
 Concen: 19.227 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

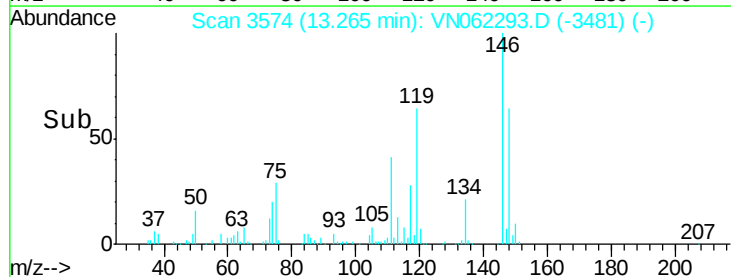
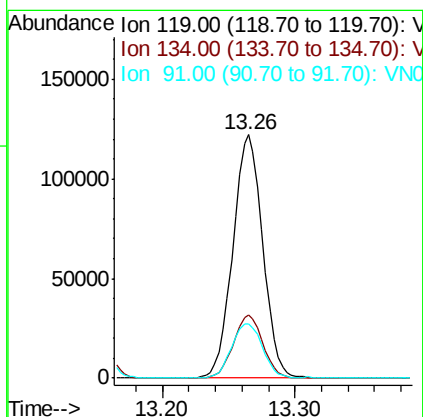
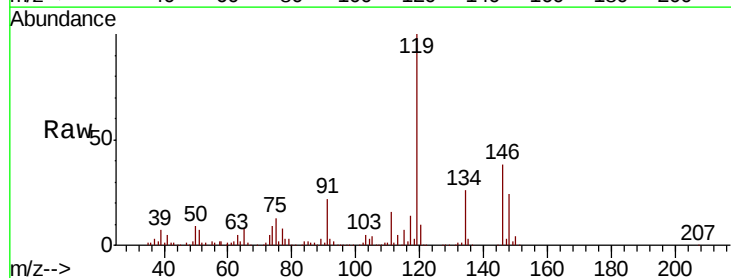
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

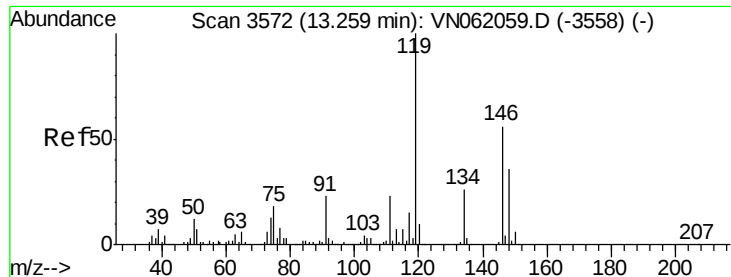
Tot Ion:105 Resp: 221794
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.755 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:119 Resp: 189548
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 17.792 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

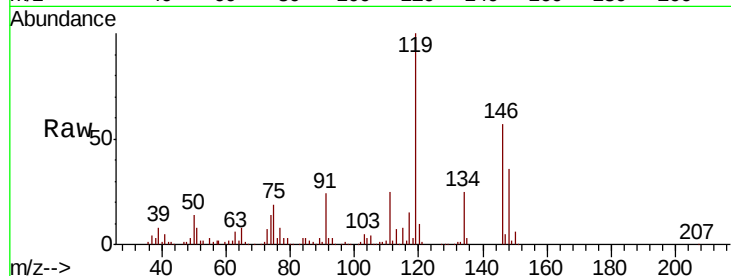
Tot Ion:146 Resp: 97604

Ion Ratio Lower Upper

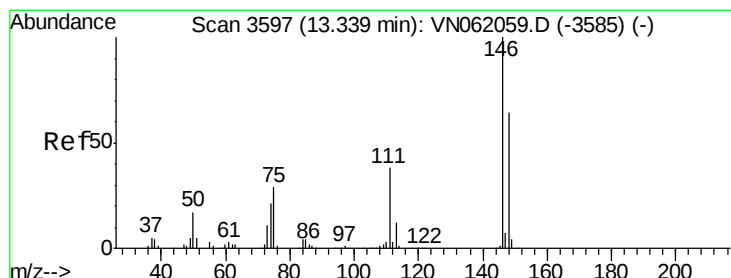
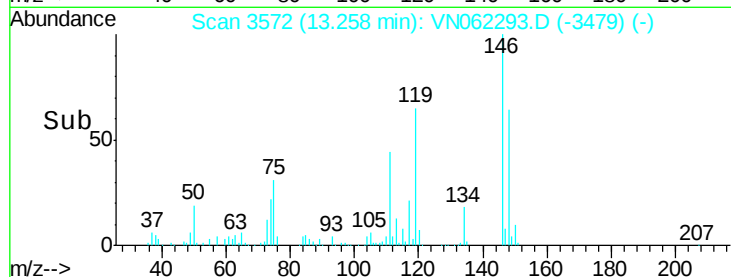
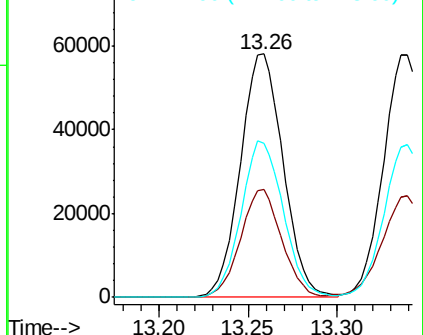
146 100

111 42.8 20.3 61.0

148 63.3 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 17.396 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

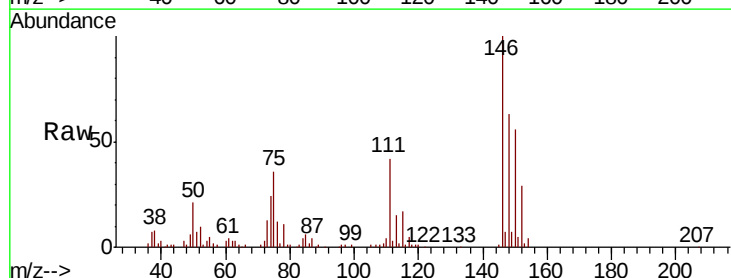
Tgt Ion:146 Resp: 98369

Ion Ratio Lower Upper

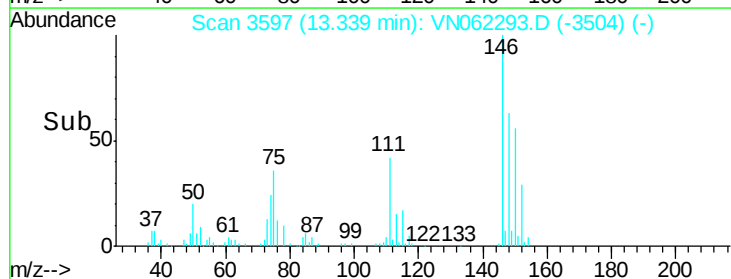
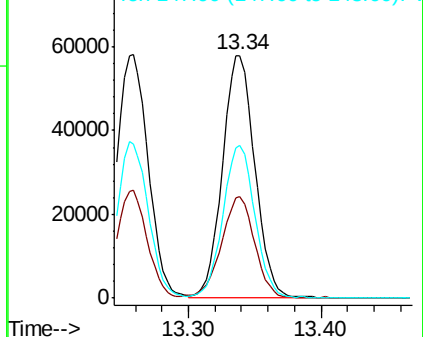
146 100

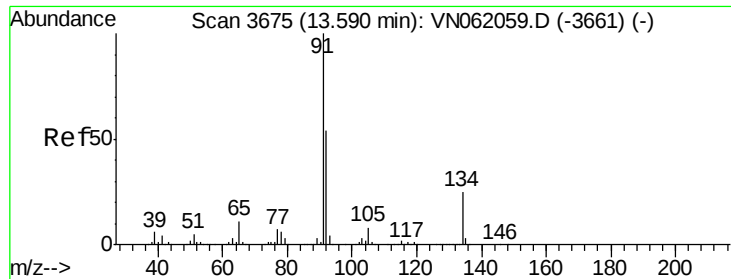
111 42.5 19.9 59.6

148 62.5 31.9 95.9



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

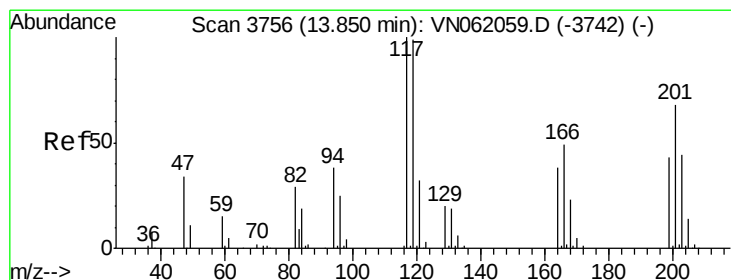
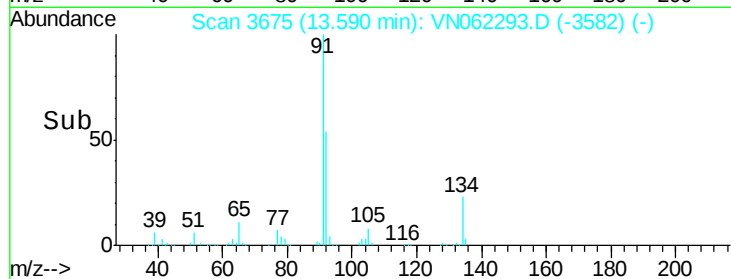
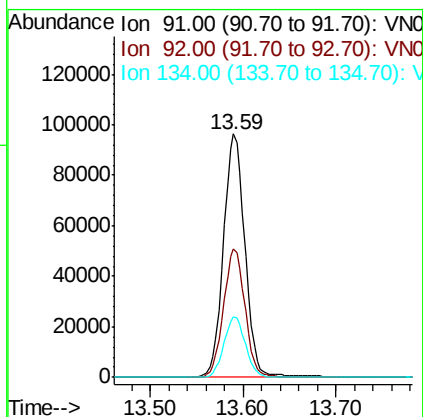
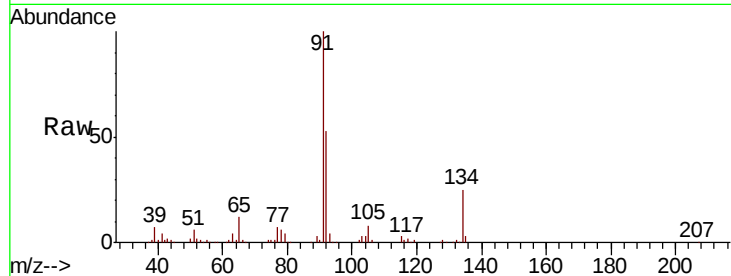




#89
n-Butylbenzene
Concen: 18.484 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

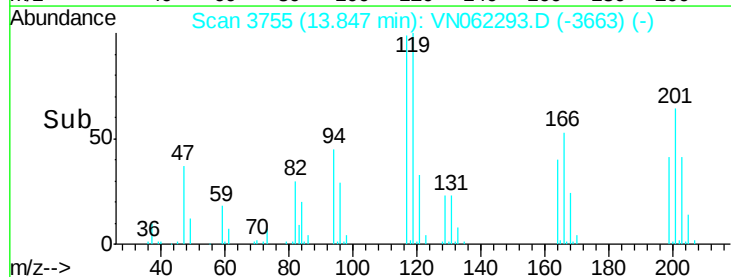
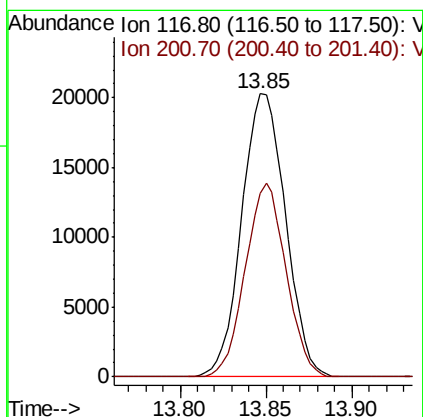
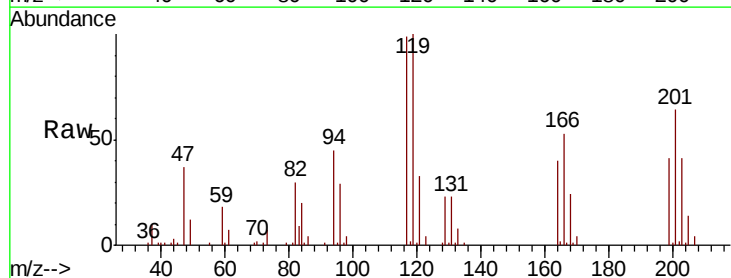
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBS01

Tot Ion: 91 Resp: 155309
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 18.135 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062293.D
Acq: 1 Jul 2020 15:42

Tgt Ion: 117 Resp: 35958
Ion Ratio Lower Upper
117 100
201 63.4 32.7 98.1

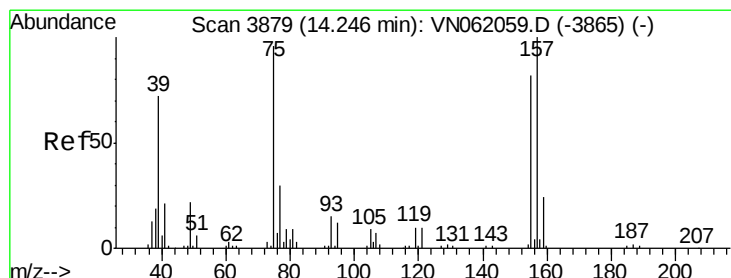
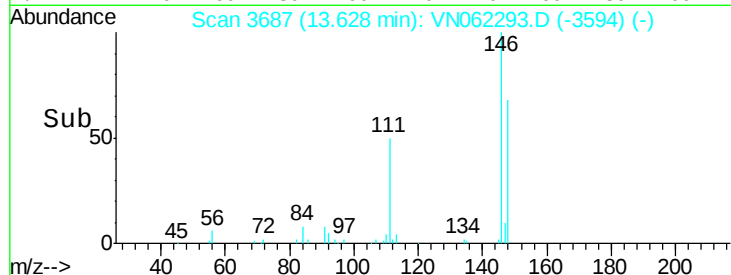
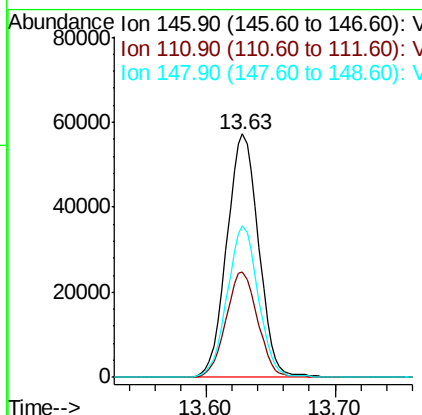
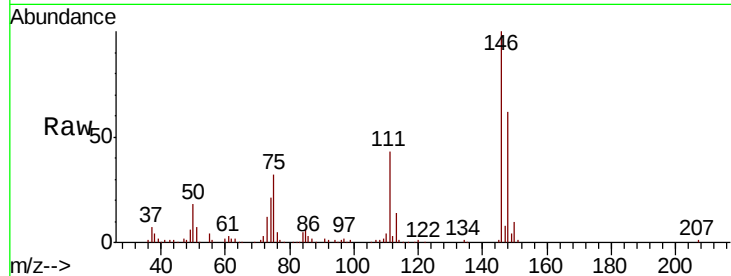




#91
 1,2-Dichlorobenzene
 Concen: 18.401 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

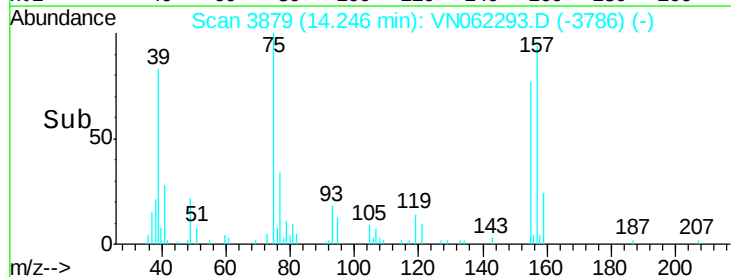
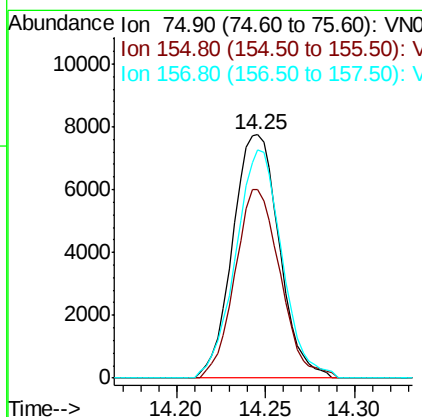
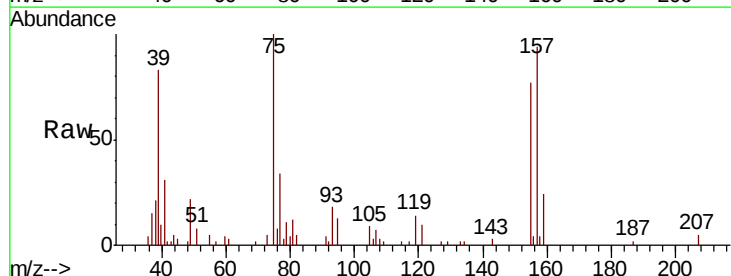
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

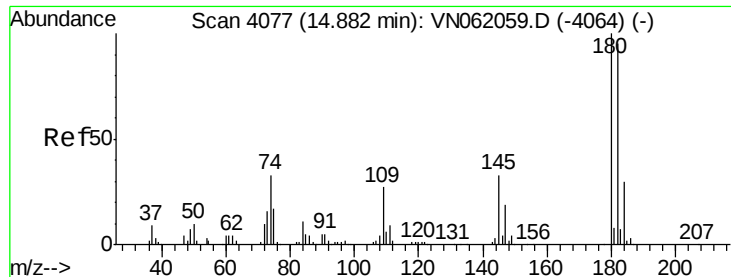
Tot Ion:146 Resp: 97887
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.2 63.6
 148 60.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.085 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion: 75 Resp: 14144
 Ion Ratio Lower Upper
 75 100
 155 75.3 40.8 122.4
 157 93.0 51.4 154.3

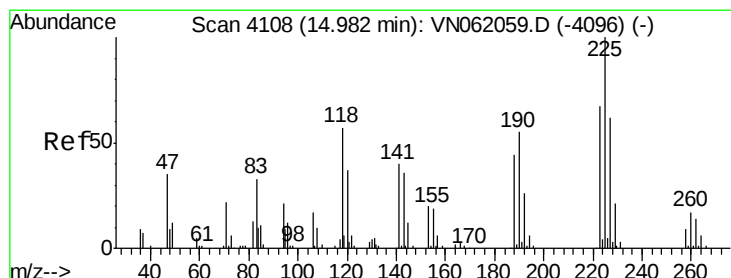
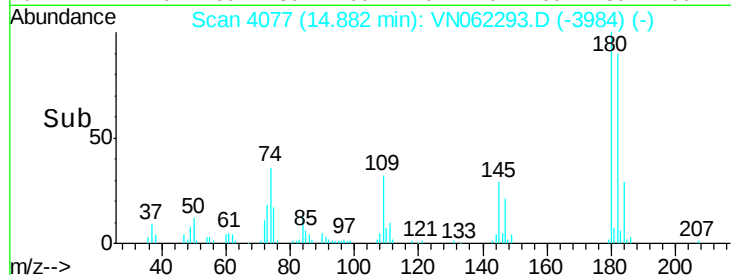
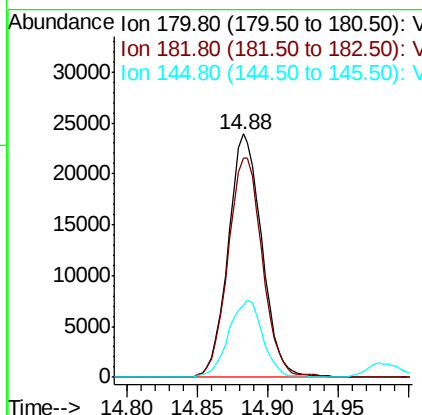
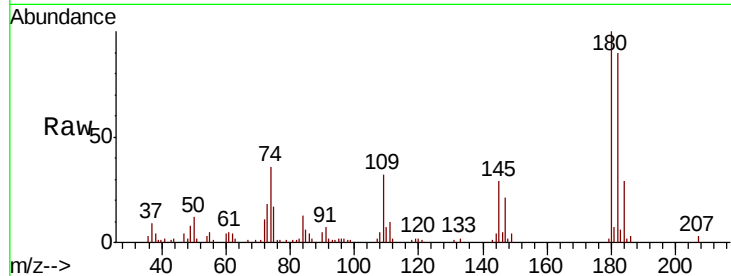




#93
 1,2,4-Trichlorobenzene
 Concen: 17.178 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

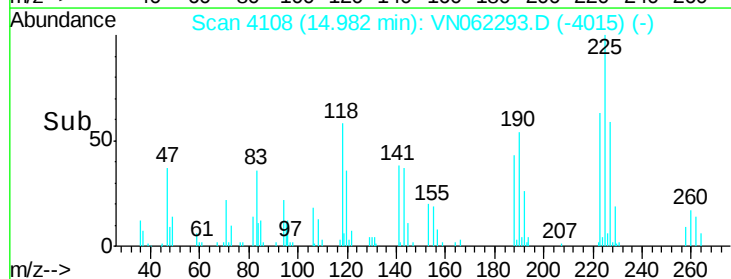
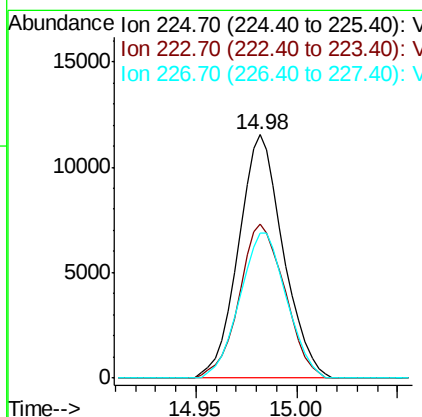
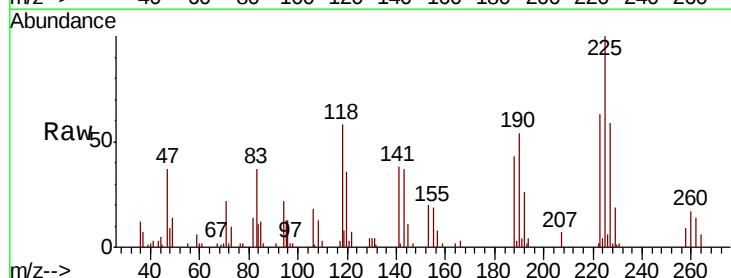
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

Tot Ion:180 Resp: 39920
 Ion Ratio Lower Upper
 180 100
 182 92.2 48.0 144.2
 145 31.9 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 17.721 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062293.D
 Acq: 1 Jul 2020 15:42

Tgt Ion:225 Resp: 17886
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.9 98.7
 227 62.3 31.3 93.8





#95

Naphthalene

Concen: 17.912 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBS01

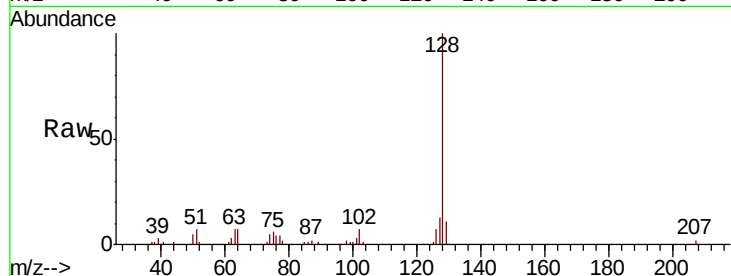
Tot Ion:128 Resp: 117195

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

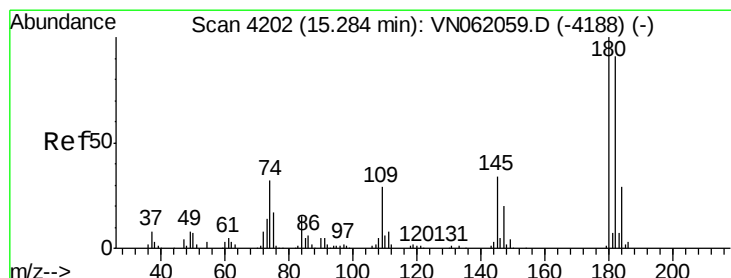
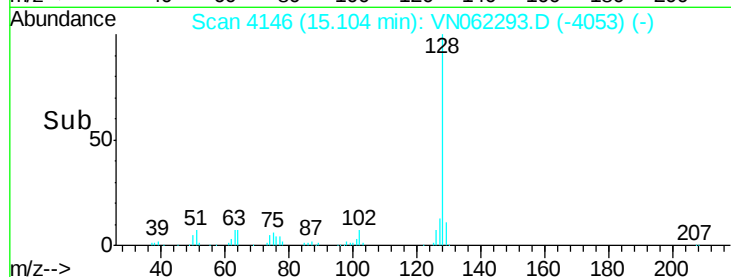
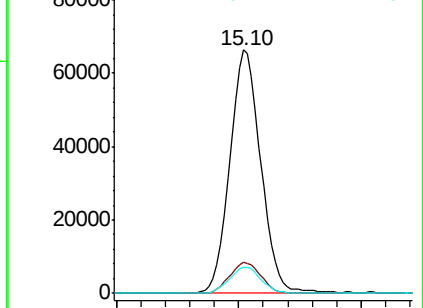
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.480 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062293.D

Acq: 1 Jul 2020 15:42

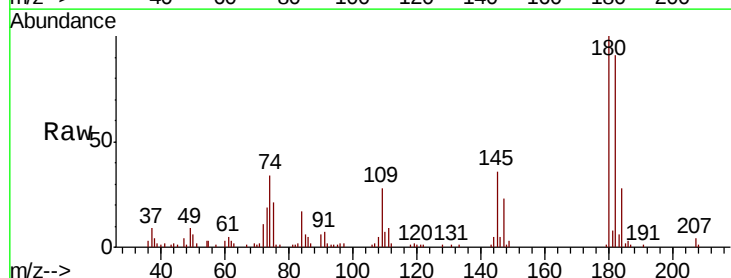
Tgt Ion:180 Resp: 41536

Ion Ratio Lower Upper

180 100

182 90.9 46.8 140.4

145 34.4 16.4 49.2



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

