

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062703.D
 Acq On : 31 Jul 2020 23:09
 Operator : JC/MD
 Sample : VN0731WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Quant Time: Aug 01 06:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	231850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124811	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	82445	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.06	98	316184	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.38	95	116926	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	33294	18.150	ug/l	98
3) Chloromethane	2.03	50	37635	15.127	ug/l	98
4) Vinyl Chloride	2.16	62	34964	16.211	ug/l	97
5) Bromomethane	2.50	94	20427	21.383	ug/l	99
6) Chloroethane	2.65	64	20210	20.715	ug/l	97
7) Trichlorofluoromethane	2.97	101	54837	21.655	ug/l	96
8) Diethyl Ether	3.37	74	21244	17.940	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30488	18.778	ug/l	97
10) Methyl Iodide	3.91	142	36048	17.367	ug/l	95
11) Tert butyl alcohol	4.74	59	37934	99.817	ug/l	98
12) 1,1-Dichloroethene	3.69	96	29999	18.219	ug/l	96
13) Acrolein	3.56	56	18027	52.386	ug/l	95
14) Allyl chloride	4.27	41	56719	15.924	ug/l	94
15) Acrylonitrile	4.93	53	89657	88.079	ug/l	97
16) Acetone	3.78	43	79700	88.656	ug/l	97
17) Carbon Disulfide	4.00	76	84701	15.656	ug/l	99
18) Methyl Acetate	4.28	43	45862	20.152	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	115948	19.132	ug/l	97
20) Methylene Chloride	4.50	84	37606	17.442	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32183	17.610	ug/l	97
22) Diisopropyl ether	5.90	45	120907	17.077	ug/l	94
23) Vinyl Acetate	5.84	43	487684	84.067	ug/l	96
24) 1,1-Dichloroethane	5.80	63	69071	18.117	ug/l	99
25) 2-Butanone	6.79	43	121373	88.651	ug/l	97
26) 2,2-Dichloropropane	6.77	77	54080	17.279	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	37729	18.092	ug/l	97
28) Bromochloromethane	7.15	49	34215	18.236	ug/l	95
29) Tetrahydrofuran	7.17	42	79267	85.562	ug/l	94
30) Chloroform	7.33	83	70729	19.512	ug/l	100
31) Cyclohexane	7.62	56	58268	16.553	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	62735	20.729	ug/l	99
36) 1,1-Dichloropropene	7.75	75	50397	18.729	ug/l	98
37) Ethyl Acetate	6.88	43	51003	17.583	ug/l	99
38) Carbon Tetrachloride	7.73	117	55706	21.537	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51952	17.935	ug/l	97
40) Benzene	8.00	78	144767	17.770	ug/l	98
41) Methacrylonitrile	7.17	41	74815	60.182	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	62140	20.864	ug/l	98
43) Isopropyl Acetate	8.13	43	83945	17.952	ug/l #	91
44) Trichloroethene	8.80	130	33826	18.412	ug/l	99
45) 1,2-Dichloropropane	9.08	63	41451	18.122	ug/l	97
46) Dibromomethane	9.17	93	26356	19.937	ug/l	96
47) Bromodichloromethane	9.37	83	56815	19.837	ug/l #	98
48) Methyl methacrylate	9.17	41	40177	18.075	ug/l	96
49) 1,4-Dioxane	9.17	88	13345	390.891	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	262985	93.995	ug/l	100
52) Toluene	10.12	92	88735	18.758	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	60452	18.960	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	64650	18.897	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	35642	19.425	ug/l	98
56) Ethyl methacrylate	10.40	69	55608	18.050	ug/l	97
57) 1,3-Dichloropropane	10.68	76	62640	18.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	83533	95.199	ug/l	97
59) 2-Hexanone	10.72	43	189813	89.644	ug/l	99
60) Dibromochloromethane	10.87	129	41285	20.169	ug/l	98
61) 1,2-Dibromoethane	10.98	107	35893	18.786	ug/l	97
64) Tetrachloroethene	10.60	164	29556	19.620	ug/l	97
65) Chlorobenzene	11.41	112	93008	19.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	36712	20.077	ug/l	98
67) Ethyl Benzene	11.48	91	170509	19.133	ug/l	98
68) m/p-Xylenes	11.60	106	124042	38.724	ug/l	97
69) o-Xylene	11.92	106	59124	19.437	ug/l	98
70) Styrene	11.94	104	102342	19.918	ug/l	98
71) Bromoform	12.10	173	28297	20.611	ug/l #	99
73) Isopropylbenzene	12.22	105	164320	18.794	ug/l	100
74) N-amyl acetate	12.05	43	69793	17.874	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	54862	18.057	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	72653	25.813	ug/l #	100
77) Bromobenzene	12.50	156	40127	19.097	ug/l	92
78) n-propylbenzene	12.57	91	191715	18.719	ug/l	100
79) 2-Chlorotoluene	12.65	91	118552	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	145127	20.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	17638	17.445	ug/l	95
82) 4-Chlorotoluene	12.75	91	120315	18.313	ug/l	99
83) tert-Butylbenzene	12.97	119	120522	20.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	139068	19.546	ug/l	99
85) sec-Butylbenzene	13.15	105	161517	20.033	ug/l	98
86) p-Isopropyltoluene	13.26	119	140283	20.230	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	69322	18.800	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	69720	19.208	ug/l	98
89) n-Butylbenzene	13.59	91	111863	18.774	ug/l	99
90) Hexachloroethane	13.85	117	28260	19.144	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	66407	18.835	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11483	20.816	ug/l	89

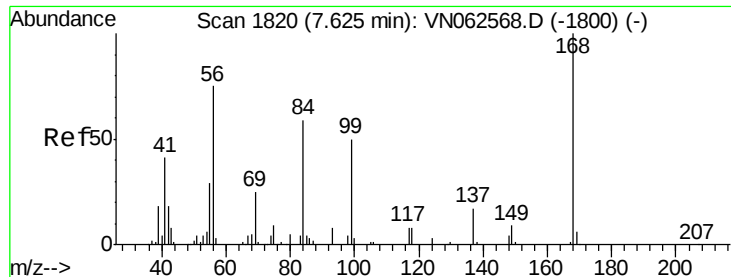
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Time: Aug 01 06:11:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29011	17.782	ug/l	98
94) Hexachlorobutadiene	14.98	225	22203	23.044	ug/l	97
95) Naphthalene	15.11	128	74634	17.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	31012	18.664	ug/l	100

(#) = 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: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

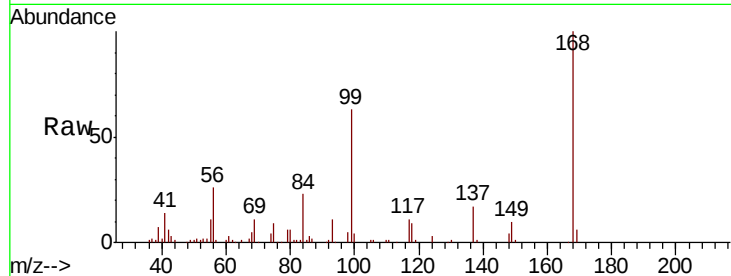
VN0731WBSD02

Tot Ion:168 Resp: 153783

Ion Ratio Lower Upper

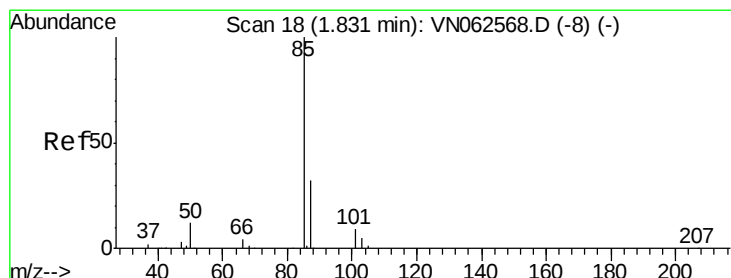
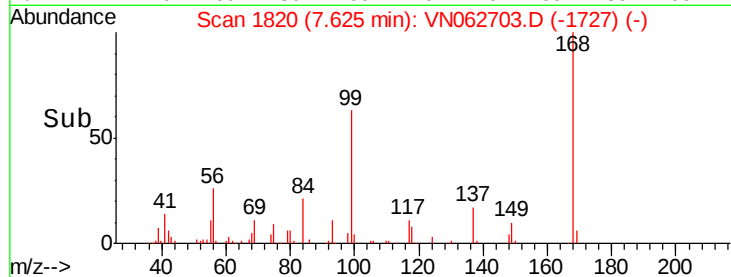
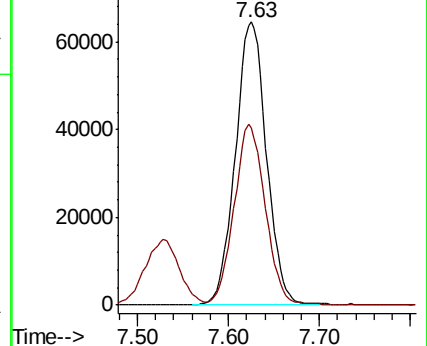
168 100

99 62.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.150 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062703.D

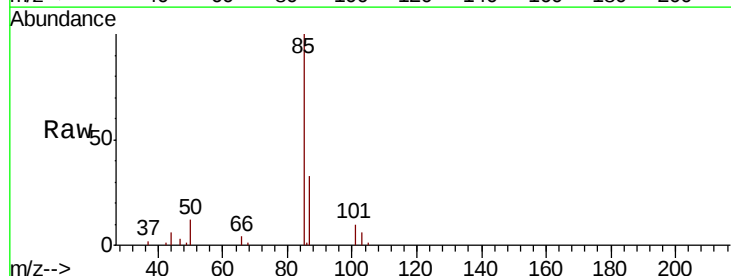
Acq: 31 Jul 2020 23:09

Tgt Ion: 85 Resp: 33294

Ion Ratio Lower Upper

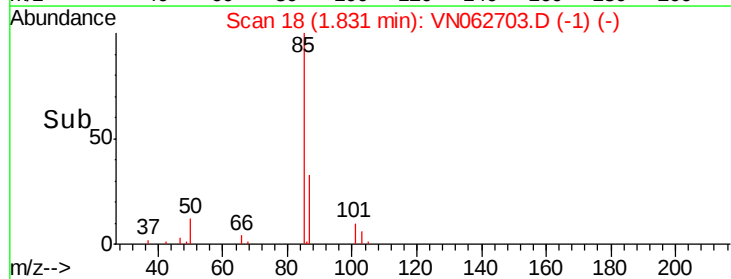
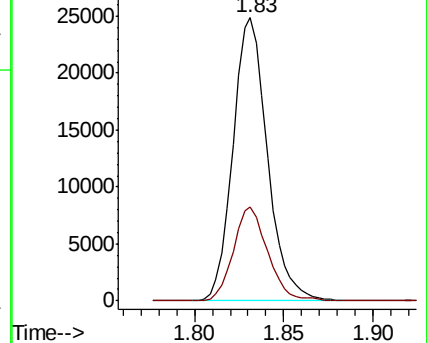
85 100

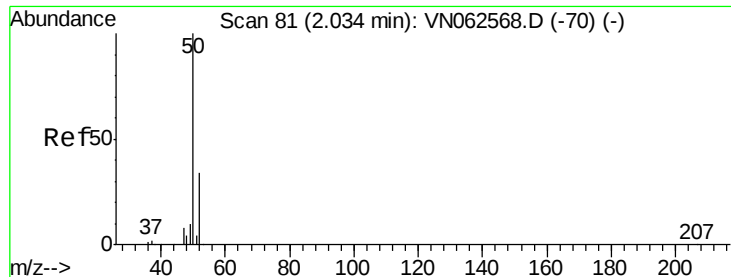
87 33.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 15.127 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

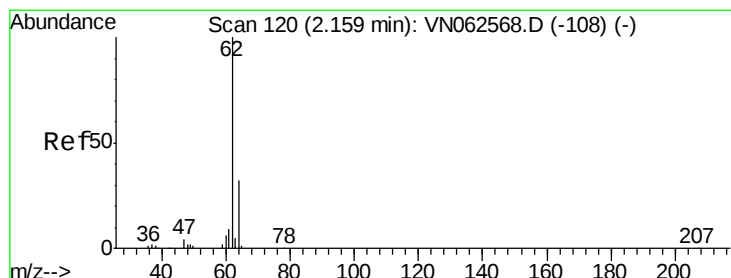
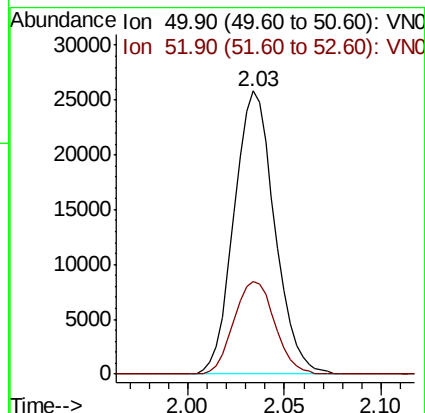
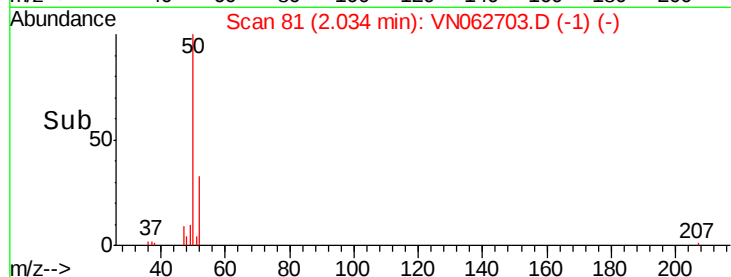
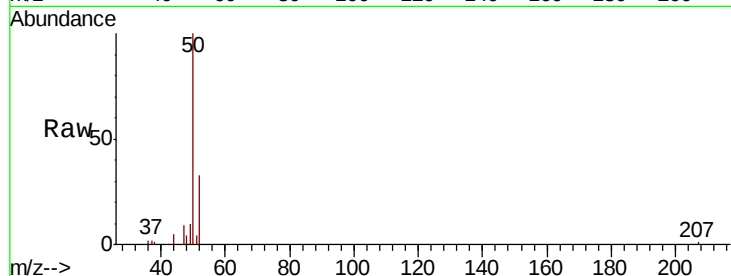
VN0731WBSD02

Tot Ion: 50 Resp: 37635

Ion Ratio Lower Upper

50 100

52 32.8 27.0 40.4



#4

Vinyl Chloride

Concen: 16.211 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062703.D

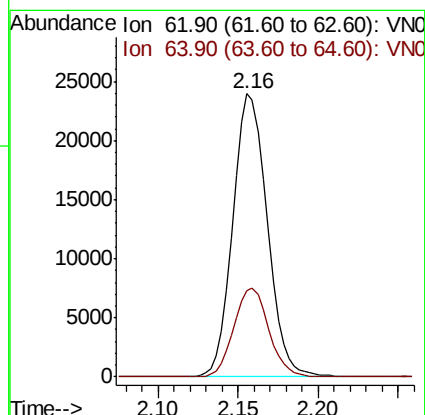
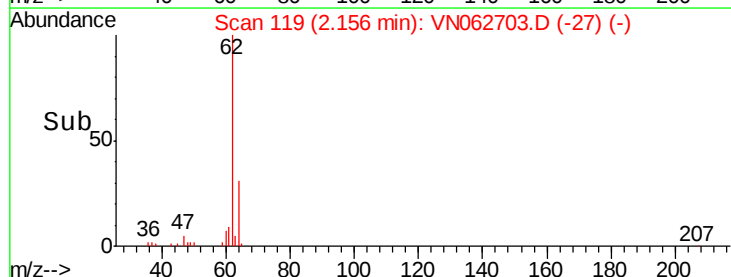
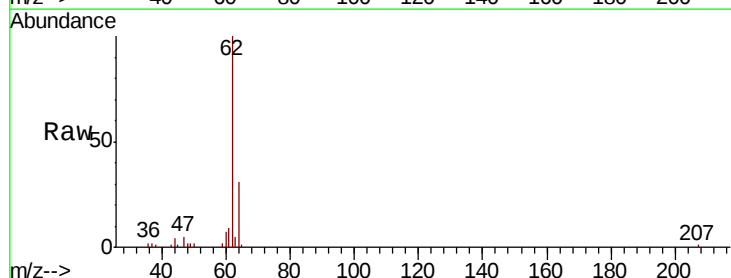
Acq: 31 Jul 2020 23:09

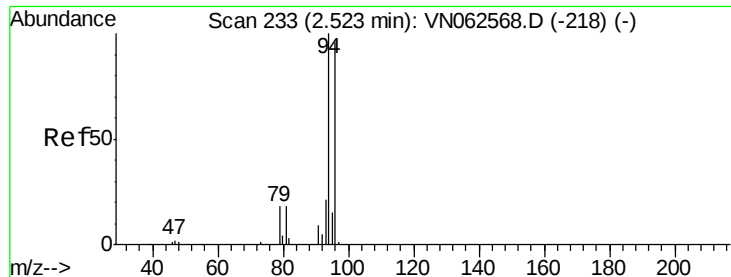
Tgt Ion: 62 Resp: 34964

Ion Ratio Lower Upper

62 100

64 30.6 25.8 38.8





#5

Bromomethane

Concen: 21.383 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.02 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

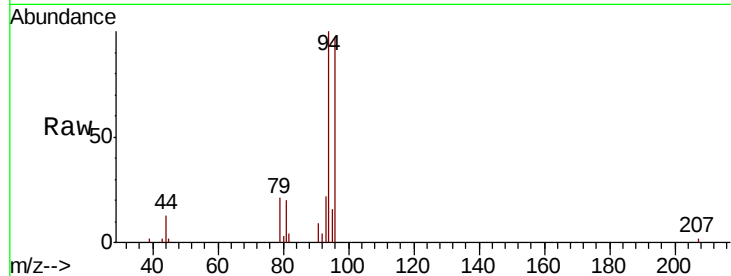
VN0731WBSD02

Tot Ion: 94 Resp: 20427

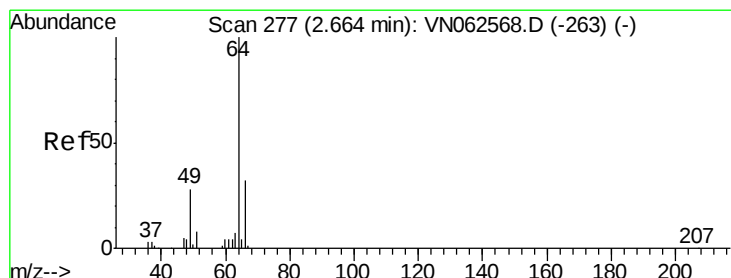
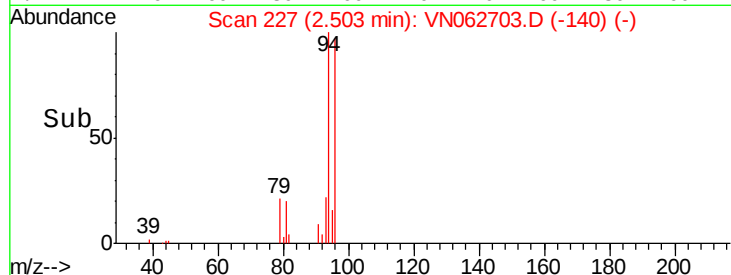
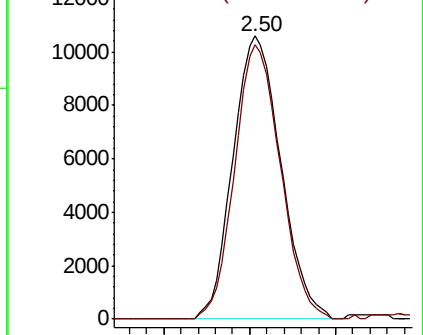
Ion Ratio Lower Upper

94 100

96 97.0 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.715 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062703.D

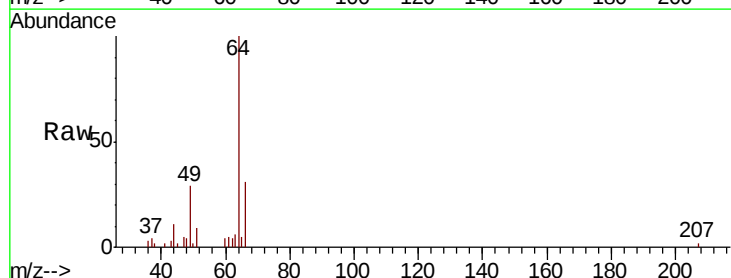
Acq: 31 Jul 2020 23:09

Tgt Ion: 64 Resp: 20210

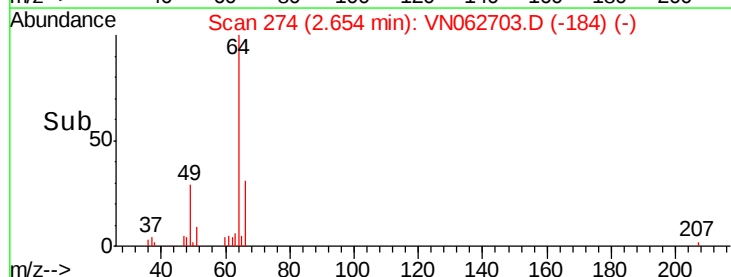
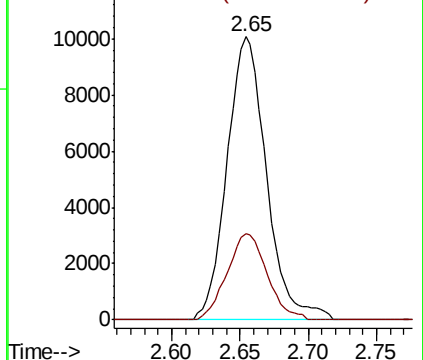
Ion Ratio Lower Upper

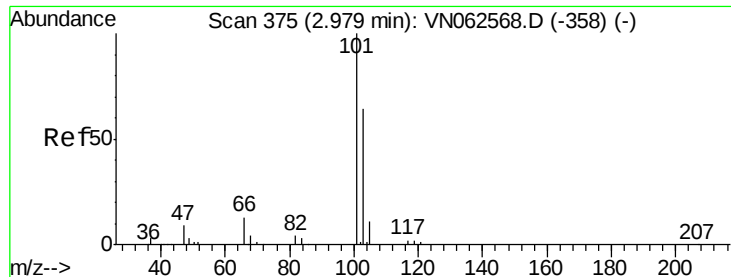
64 100

66 30.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO





#7

Trichlorofluoromethane

Concen: 21.655 ug/l

RT: 2.97 min Scan# 373

Delta R.T. -0.01 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

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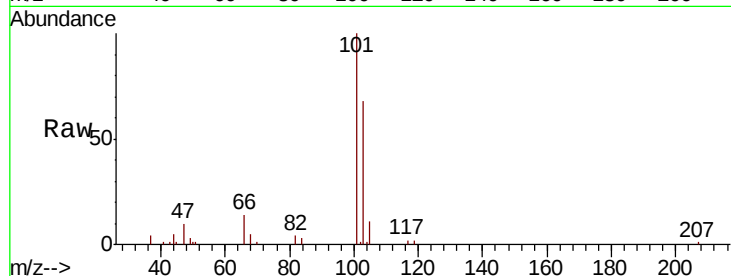
VN0731WBSD02

Tot Ion:101 Resp: 54837

Ion Ratio Lower Upper

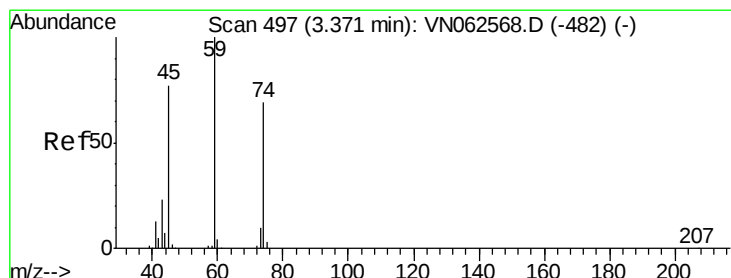
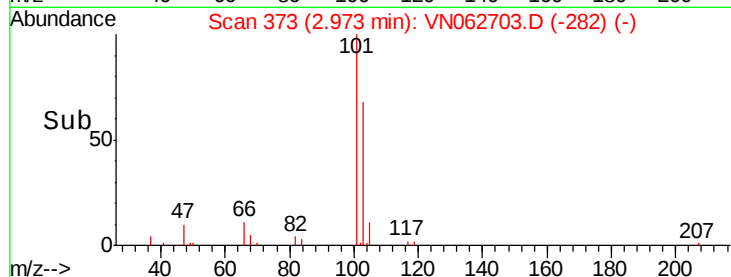
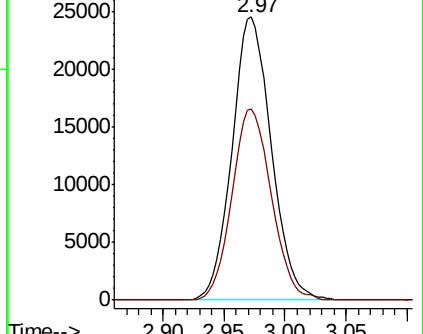
101 100

103 67.6 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.940 ug/l

RT: 3.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VN062703.D

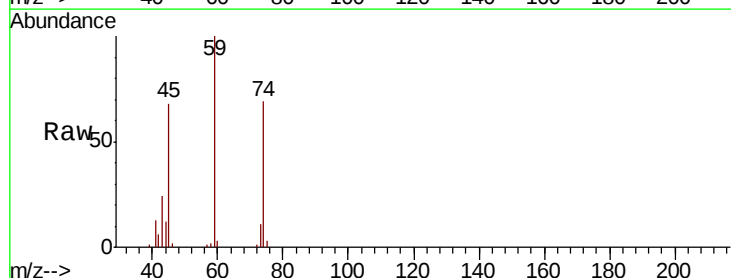
Acq: 31 Jul 2020 23:09

Tgt Ion: 74 Resp: 21244

Ion Ratio Lower Upper

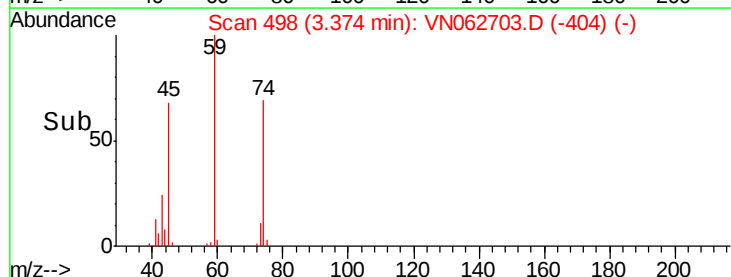
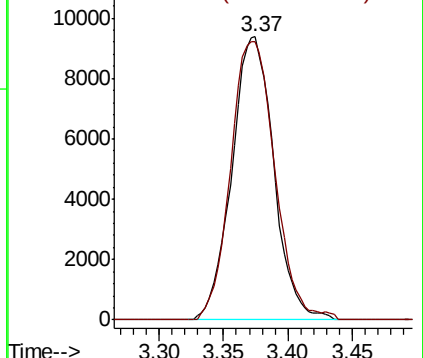
74 100

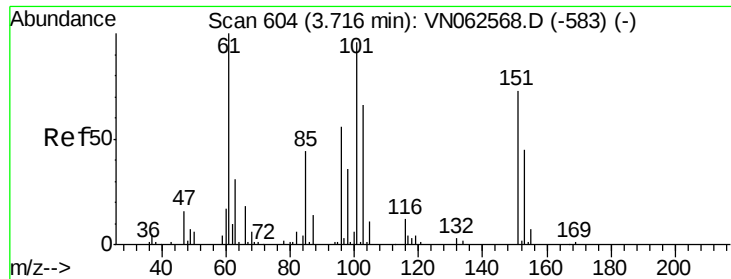
45 103.4 55.3 165.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.778 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

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VN0731WBSD02

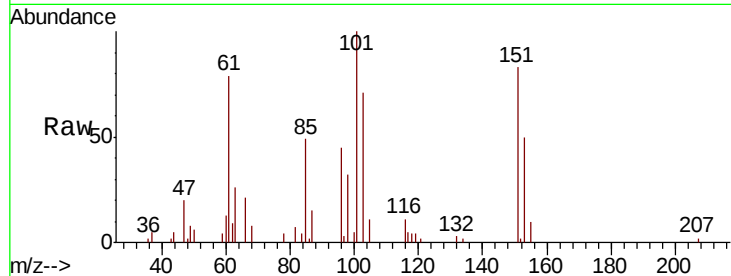
Tot Ion:101 Resp: 30488

Ion Ratio Lower Upper

101 100

85 46.8 36.0 54.0

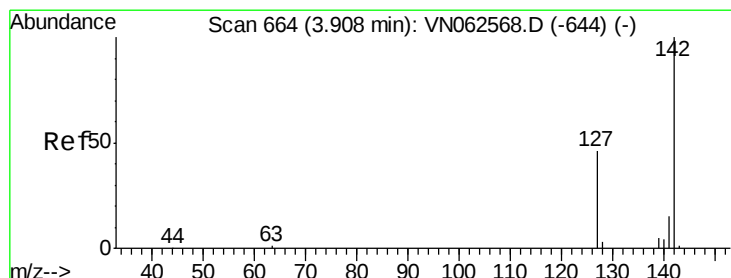
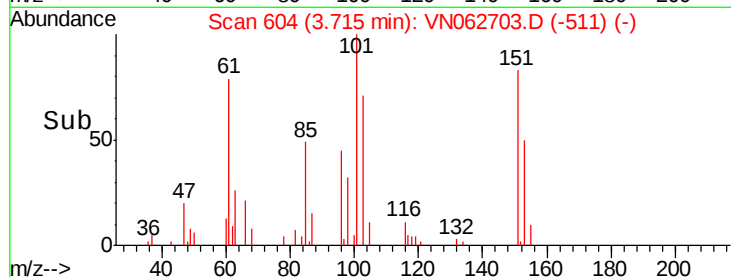
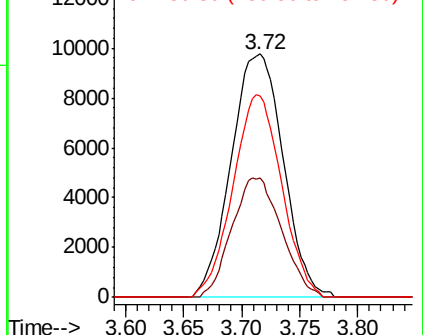
151 77.7 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.367 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

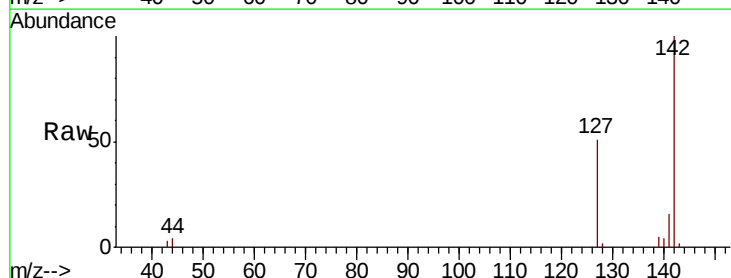
Tgt Ion:142 Resp: 36048

Ion Ratio Lower Upper

142 100

127 51.2 37.4 56.0

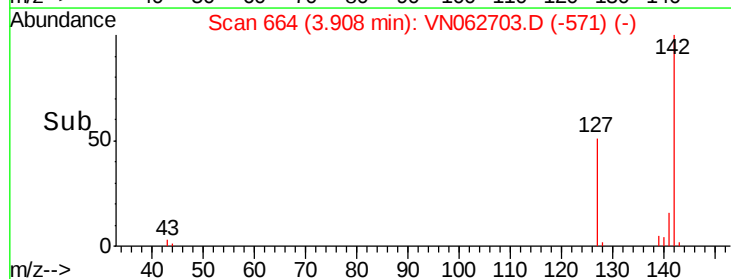
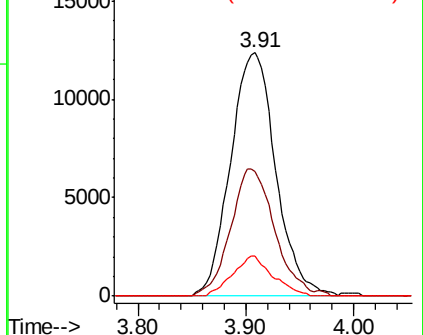
141 14.7 11.9 17.9

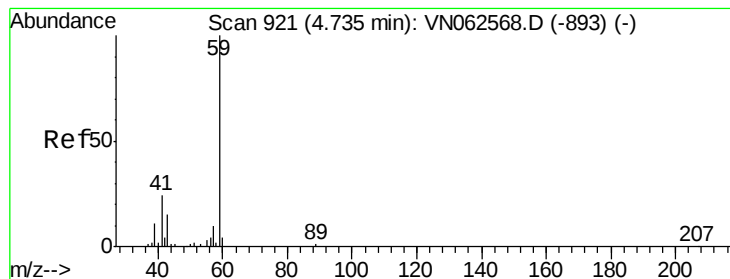


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.817 ug/l

RT: 4.74 min Scan# 924

Delta R.T. 0.01 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

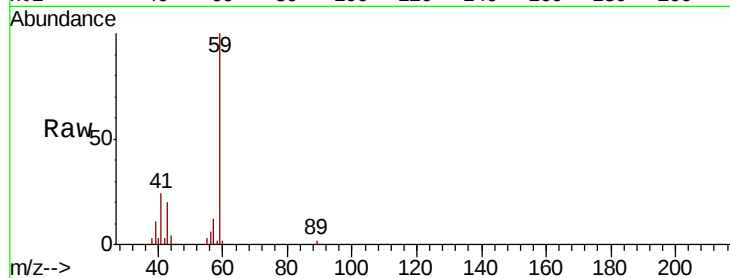
VN0731WBSD02

Tot Ion: 59 Resp: 37934

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN062568.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN062568.D (-893) (-)

4.74

10000

8000

6000

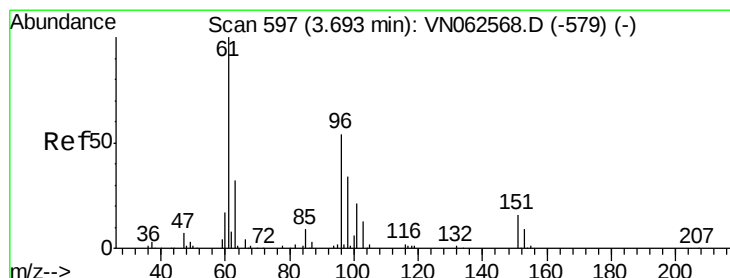
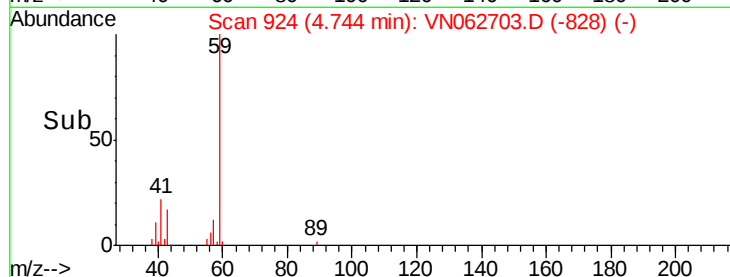
4000

2000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 18.219 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

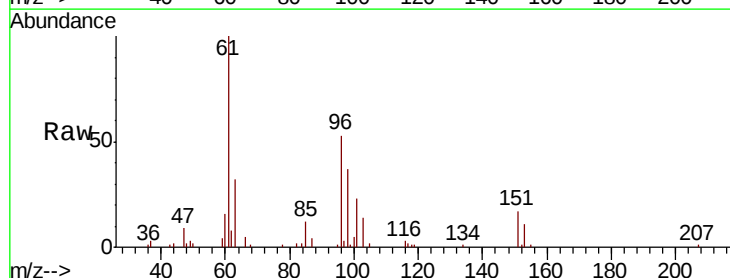
Tgt Ion: 96 Resp: 29999

Ion Ratio Lower Upper

96 100

61 190.3 148.6 222.8

98 69.6 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-579) (-)

30000

25000

20000

15000

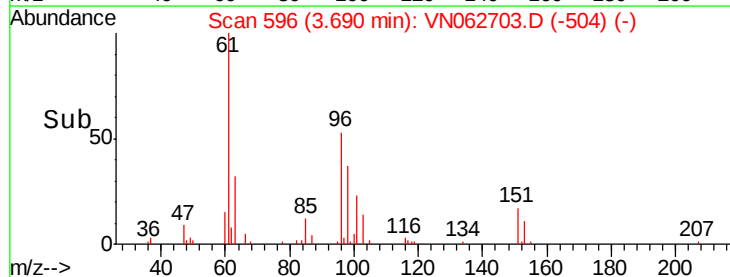
10000

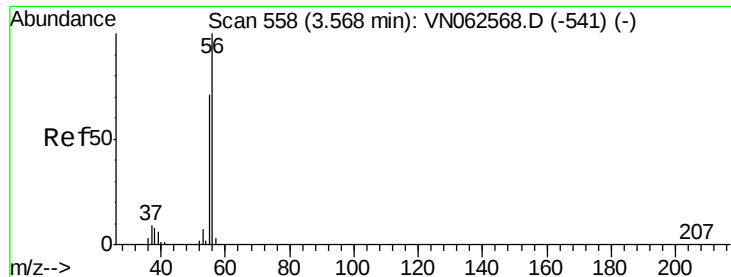
5000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 52.386 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

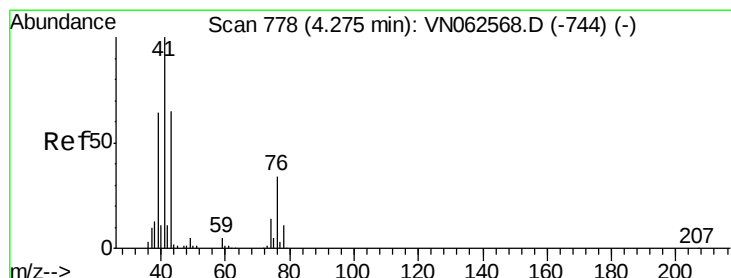
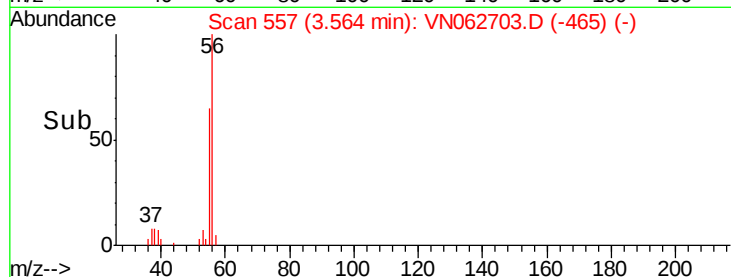
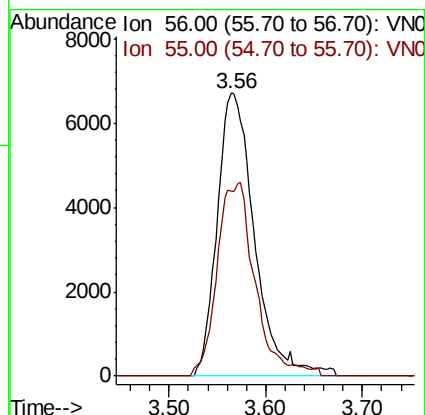
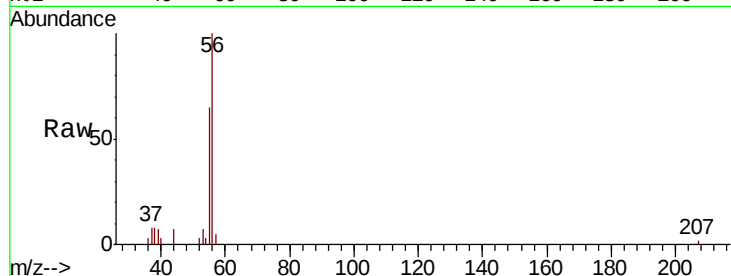
VN0731WBSD02

Tot Ion: 56 Resp: 18027

Ion Ratio Lower Upper

56 100

55 67.3 57.0 85.4



#14

Allyl chloride

Concen: 15.924 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

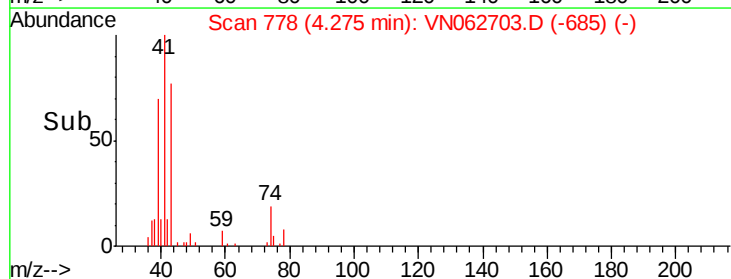
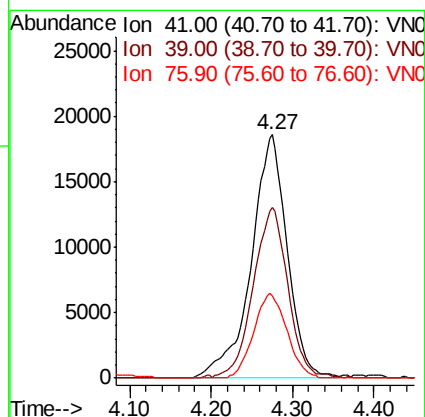
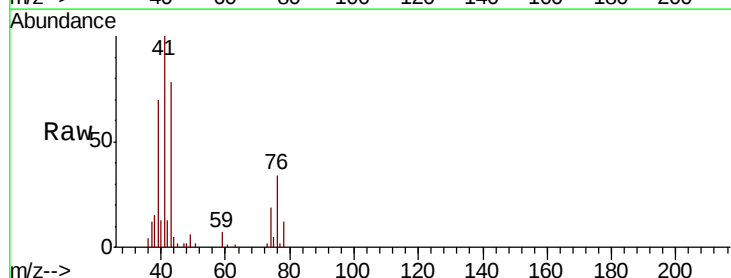
Tgt Ion: 41 Resp: 56719

Ion Ratio Lower Upper

41 100

39 66.7 49.0 73.4

76 32.1 24.0 36.0





#15

Acrylonitrile

Concen: 88.079 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

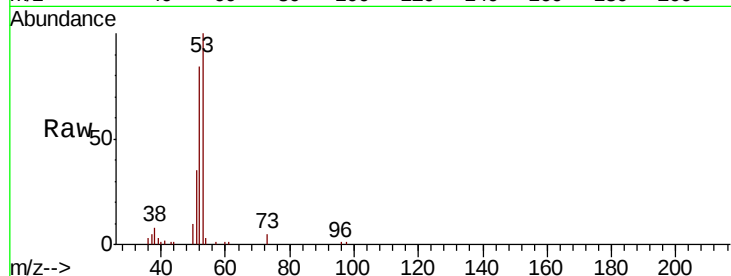
Tot Ion: 53 Resp: 89657

Ion Ratio Lower Upper

53 100

52 85.1 66.3 99.5

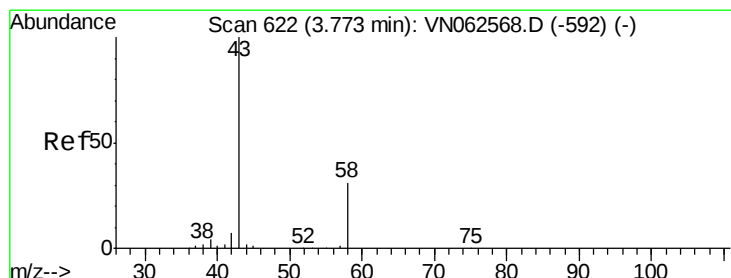
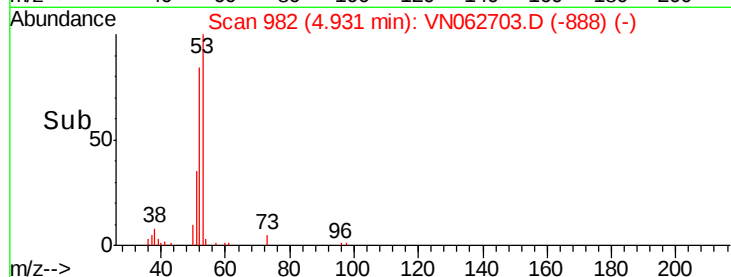
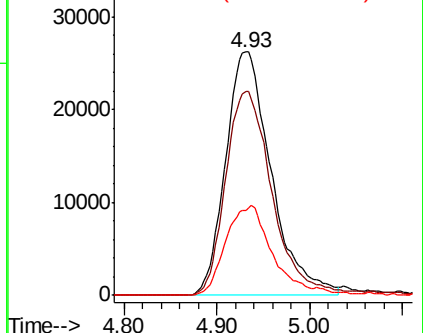
51 37.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 88.656 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062703.D

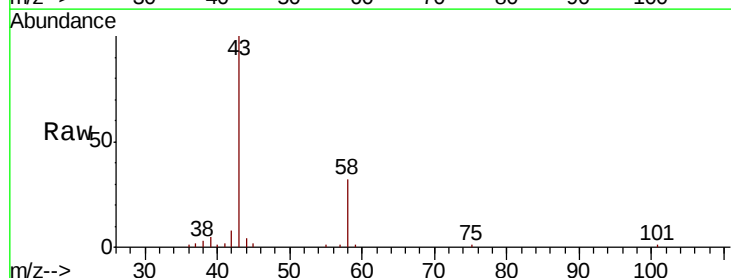
Acq: 31 Jul 2020 23:09

Tgt Ion: 43 Resp: 79700

Ion Ratio Lower Upper

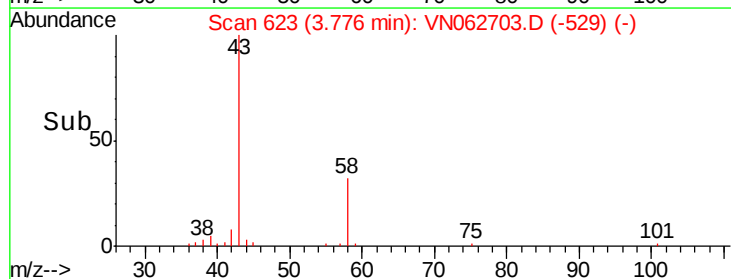
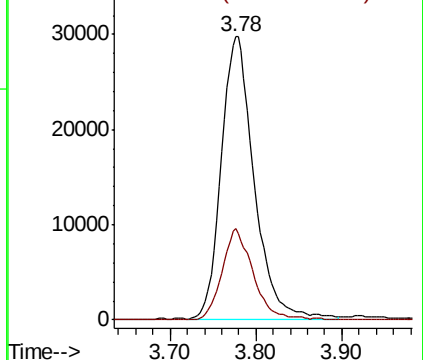
43 100

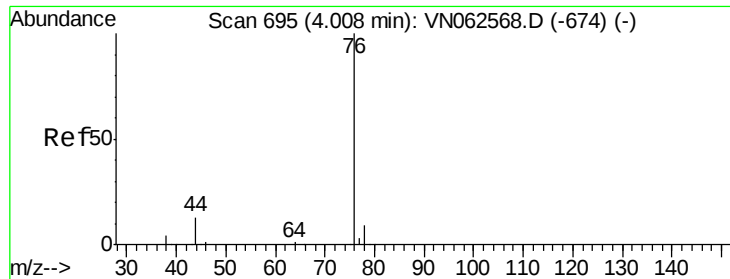
58 32.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

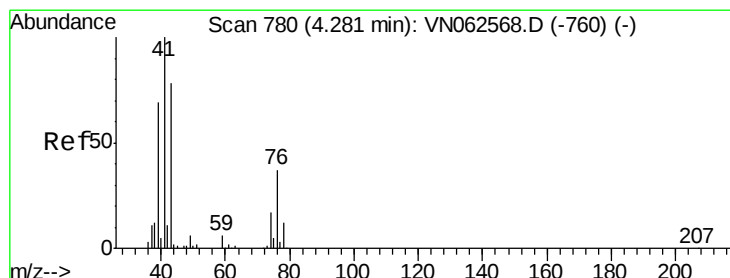
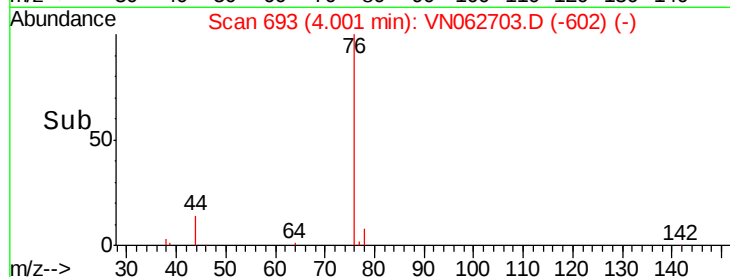
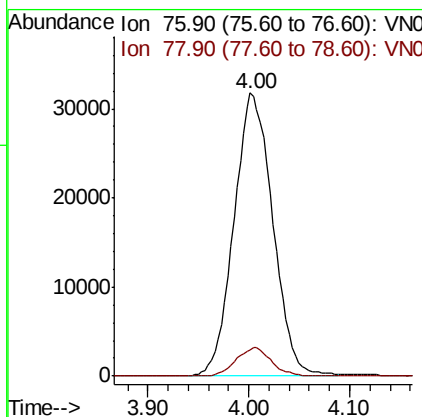
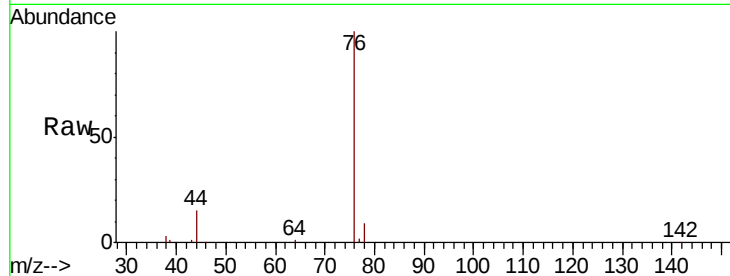




#17
Carbon Disulfide
Concen: 15.656 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

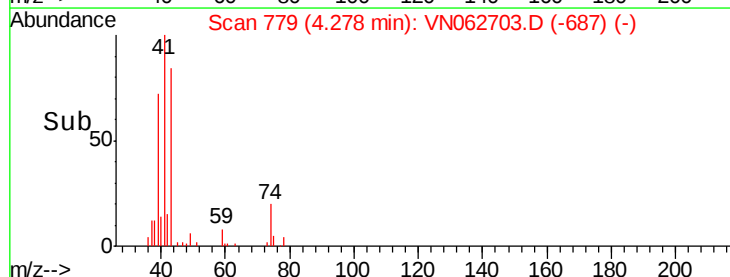
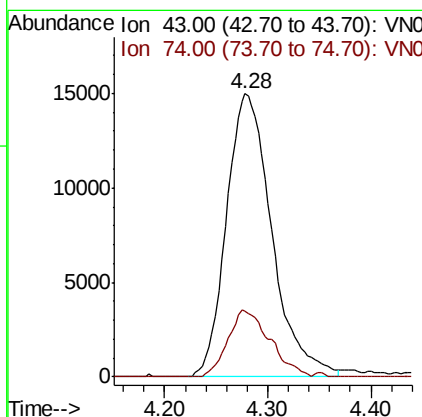
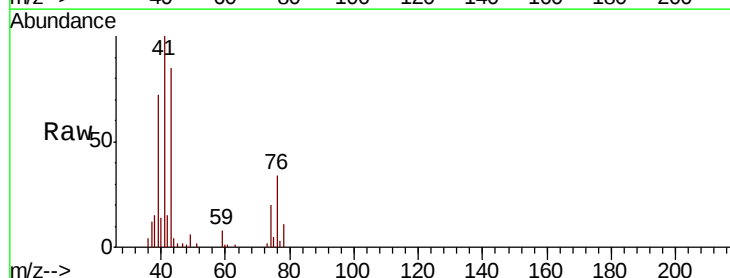
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

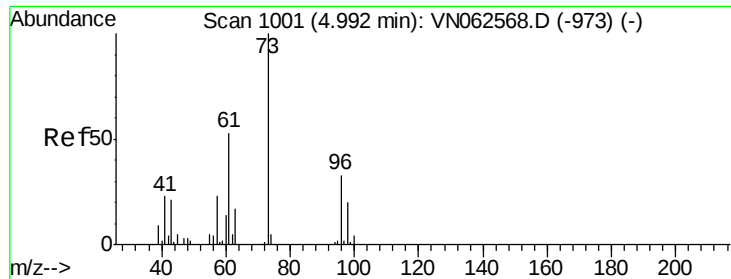
Tot Ion: 76 Resp: 84701
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 20.152 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 43 Resp: 45862
Ion Ratio Lower Upper
43 100
74 21.8 16.6 24.8

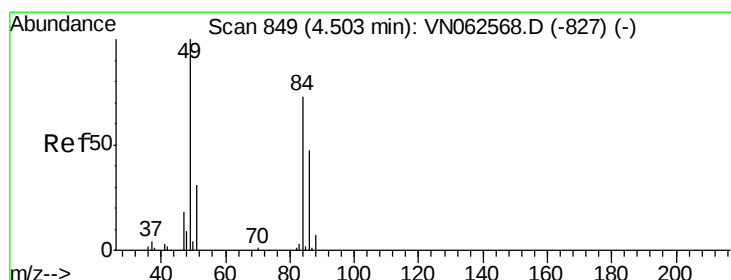
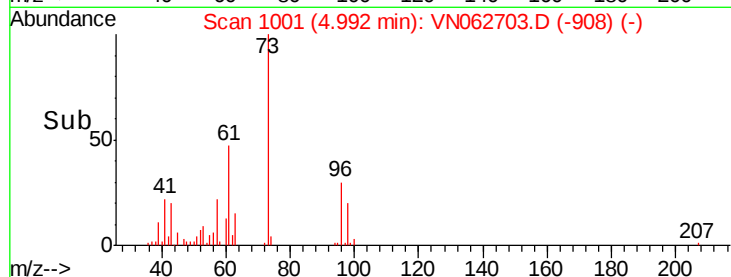
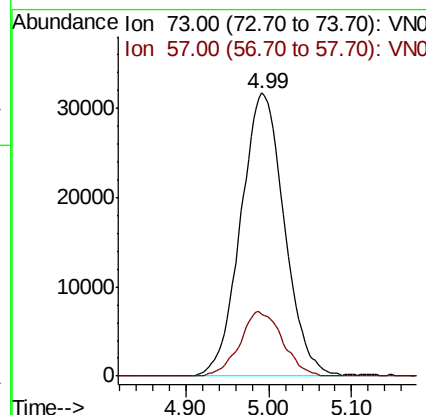
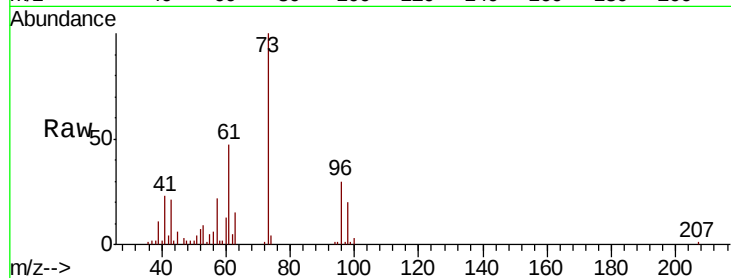




#19
Methvl tert-butvl Ether
Concen: 19.132 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

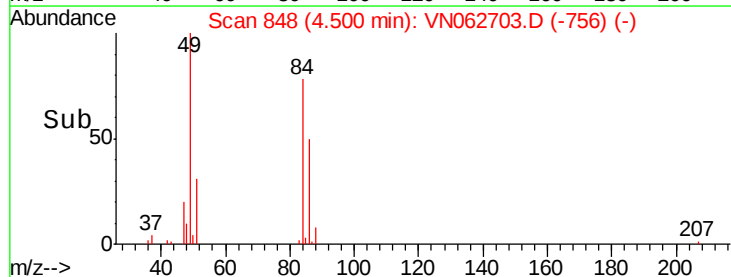
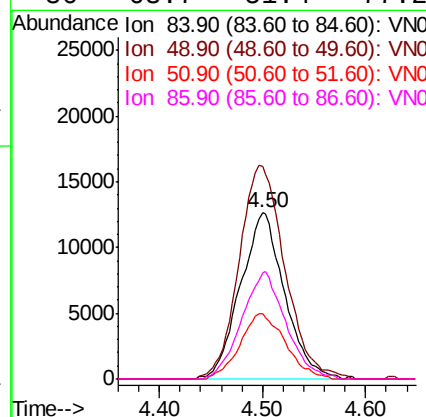
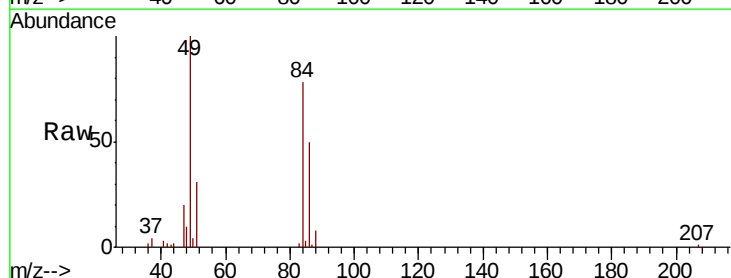
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

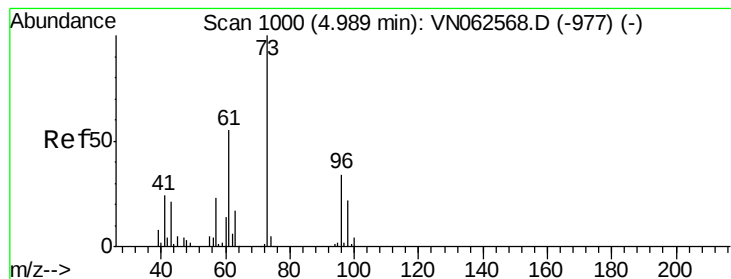
Tot Ion: 73 Resp: 115948
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8



#20
Methylene Chloride
Concen: 17.442 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 84 Resp: 37606
Ion Ratio Lower Upper
84 100
49 128.1 109.4 164.0
51 39.1 33.6 50.4
86 63.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.610 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

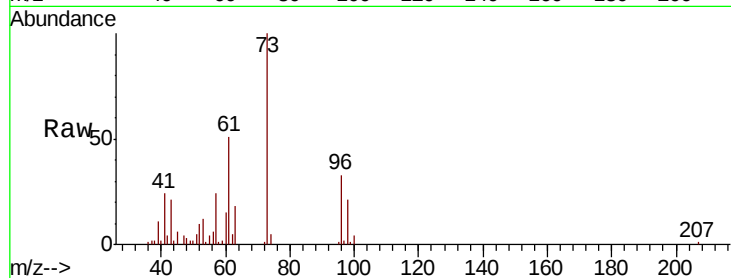
Tot Ion: 96 Resp: 32183

Ion Ratio Lower Upper

96 100

61 155.6 128.6 192.8

98 63.3 50.6 76.0

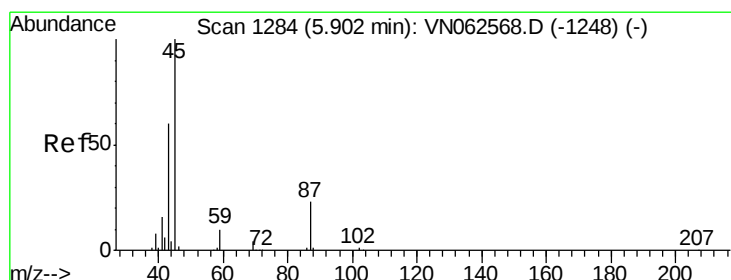
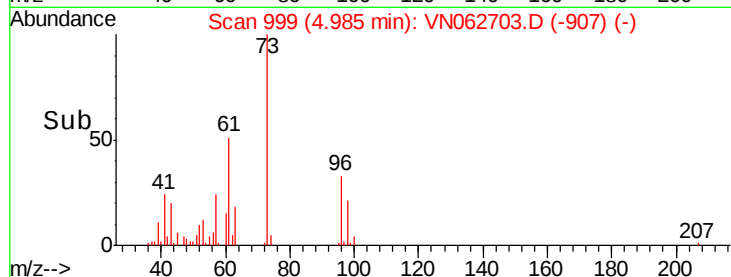
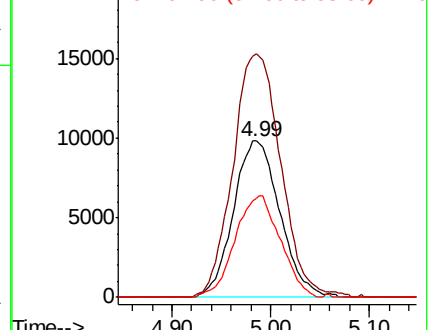


Abundance

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: 17.077 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion: 45 Resp: 120907

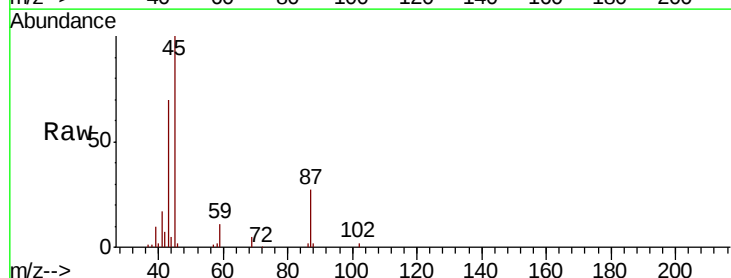
Ion Ratio Lower Upper

45 100

43 66.3 48.7 73.1

87 27.2 19.0 28.6

59 10.3 8.6 13.0



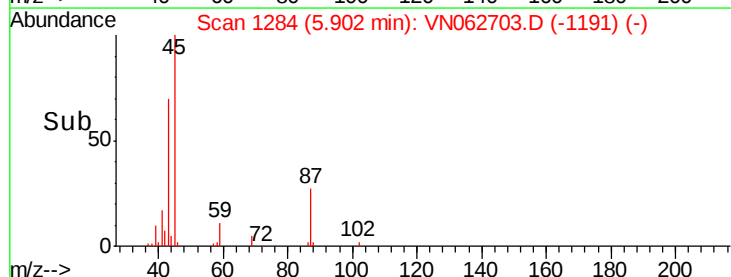
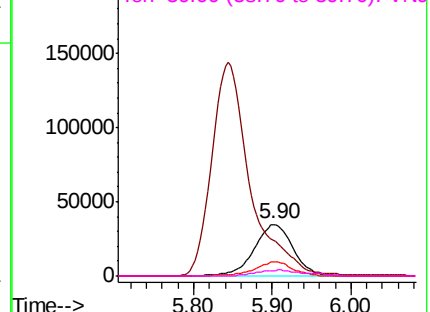
Abundance

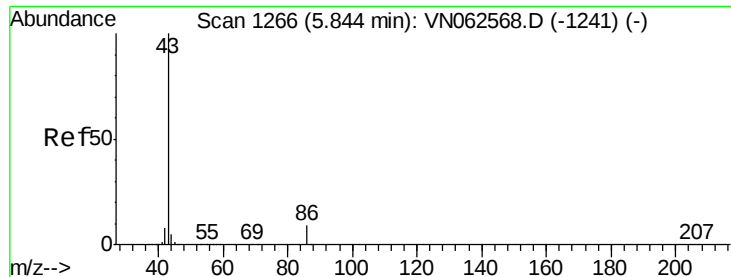
Ion 45.00 (44.70 to 45.70): VN0

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: 84.067 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

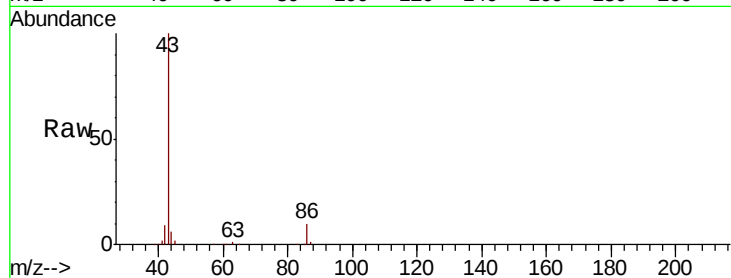
VN0731WBSD02

Tot Ion: 43 Resp: 487684

Ion Ratio Lower Upper

43 100

86 10.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062703.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062703.D (-1173) (-)

5.84

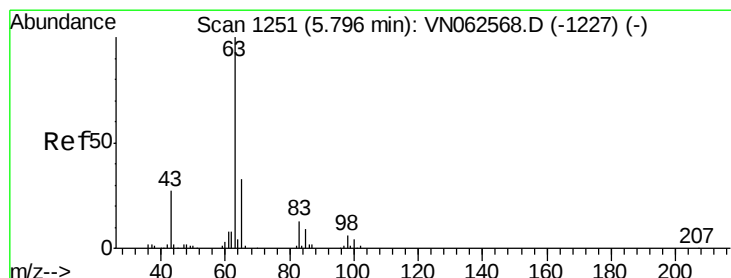
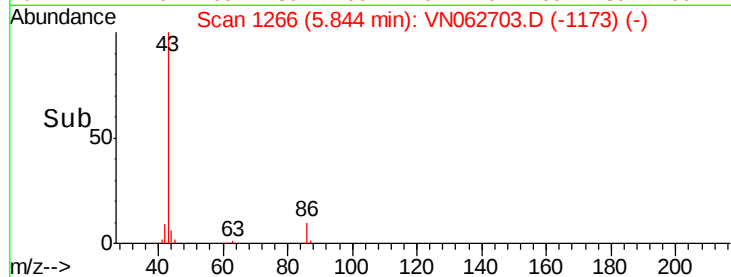
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.117 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

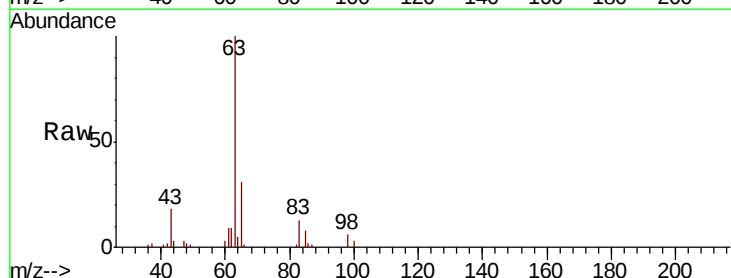
Tgt Ion: 63 Resp: 69071

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.0 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062703.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062703.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062703.D (-1158) (-)

5.80

30000

25000

20000

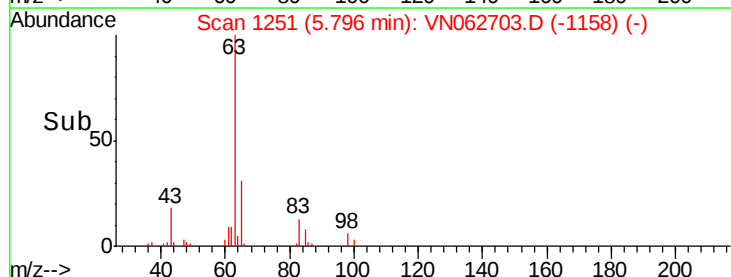
15000

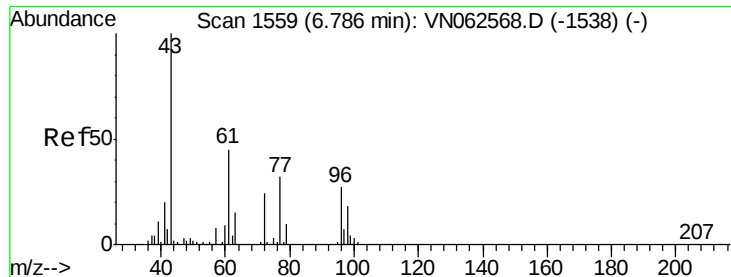
10000

5000

0

Time-->

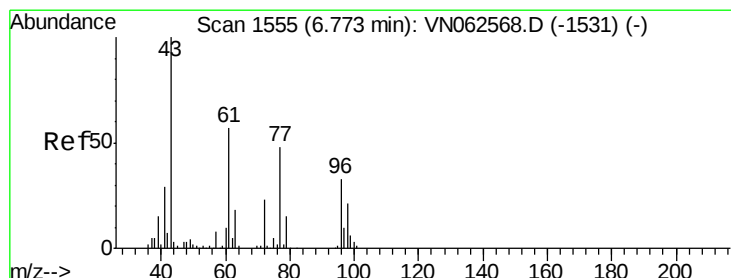
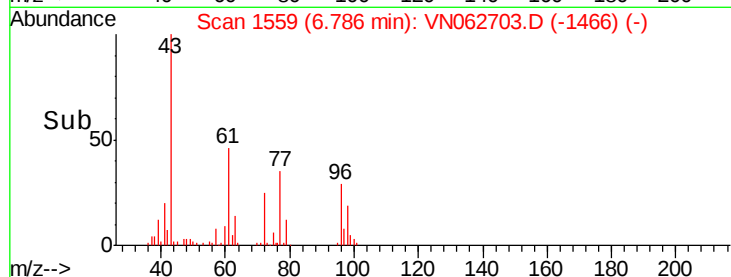
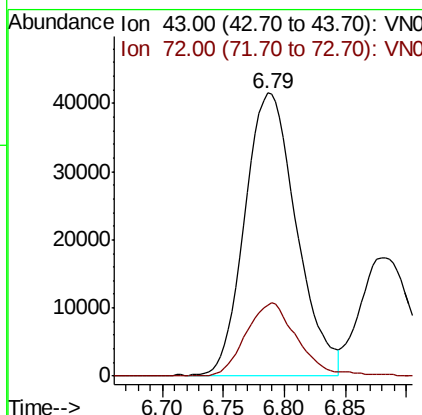
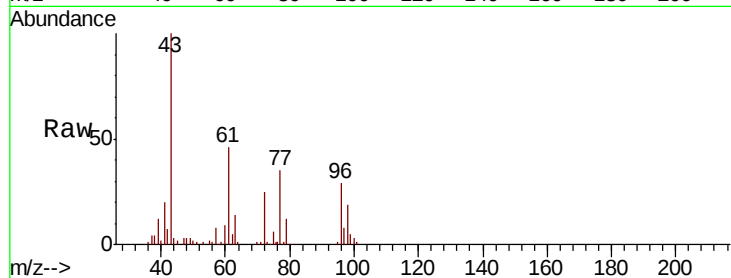




#25
2-Butanone
Concen: 88.651 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

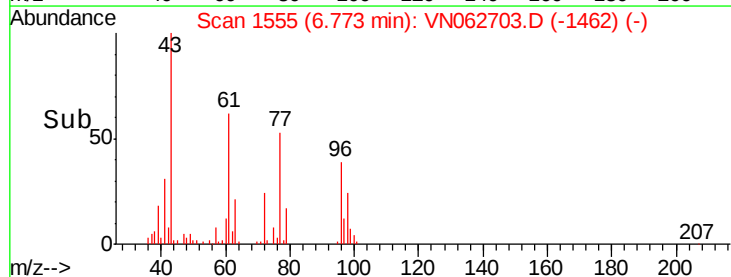
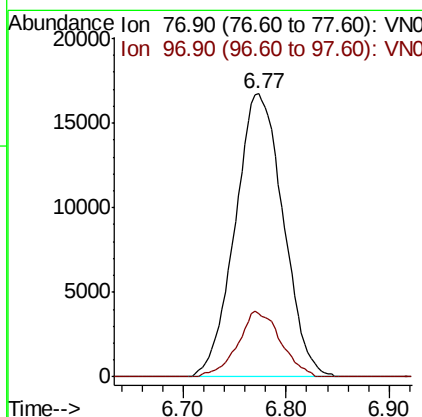
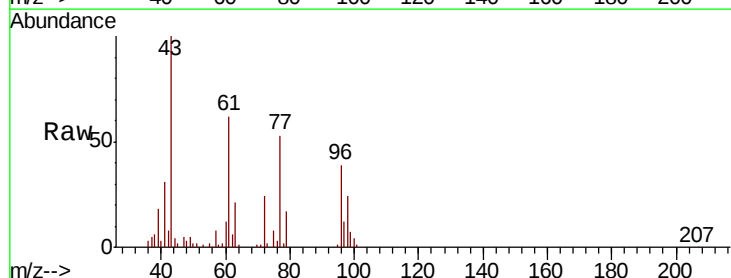
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

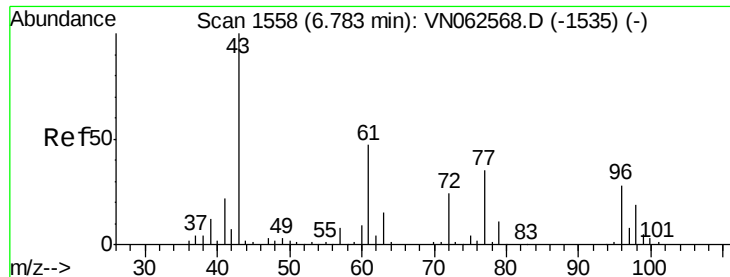
Tot Ion: 43 Resp: 121373
Ion Ratio Lower Upper
43 100
72 25.2 19.0 28.6



#26
2,2-Dichloropropane
Concen: 17.279 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 77 Resp: 54080
Ion Ratio Lower Upper
77 100
97 20.7 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.092 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

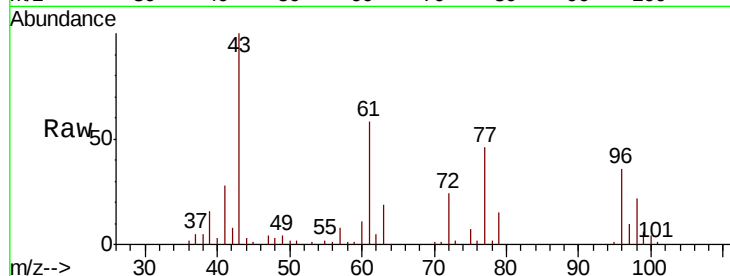
Tot Ion: 96 Resp: 37729

Ion Ratio Lower Upper

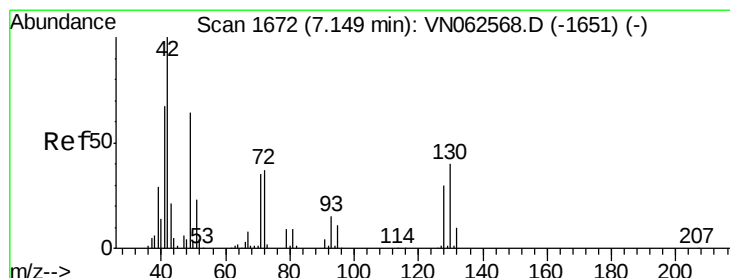
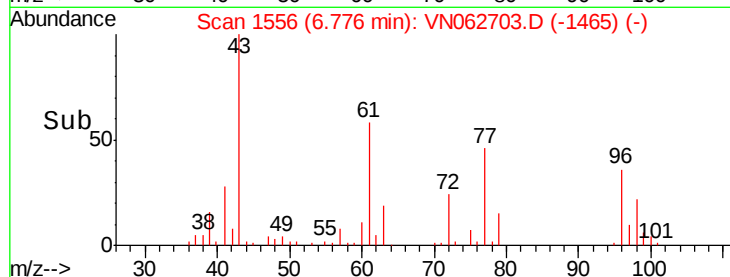
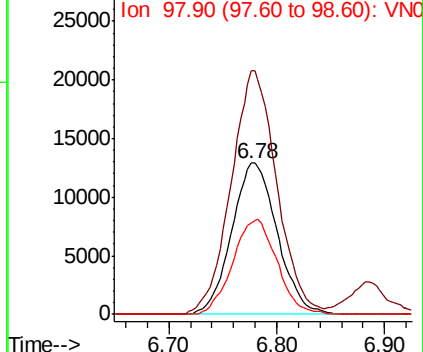
96 100

61 162.0 0.0 332.4

98 60.9 0.0 127.4



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



#28

Bromochloromethane

Concen: 18.236 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

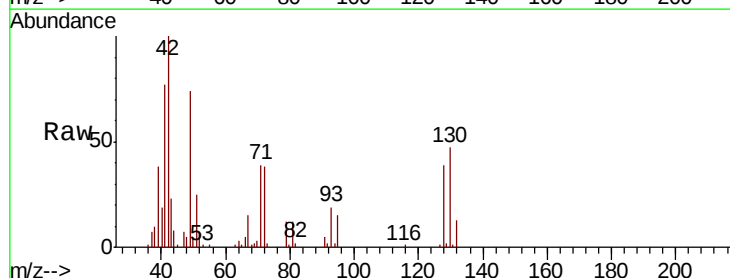
Tgt Ion: 49 Resp: 34215

Ion Ratio Lower Upper

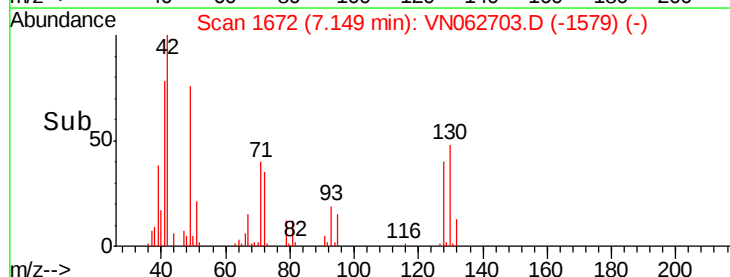
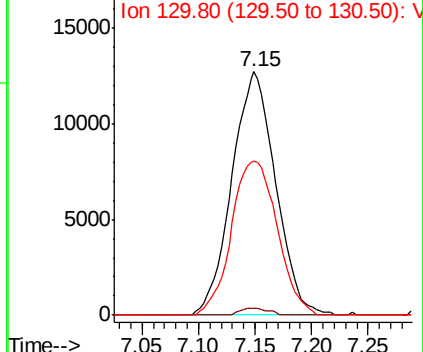
49 100

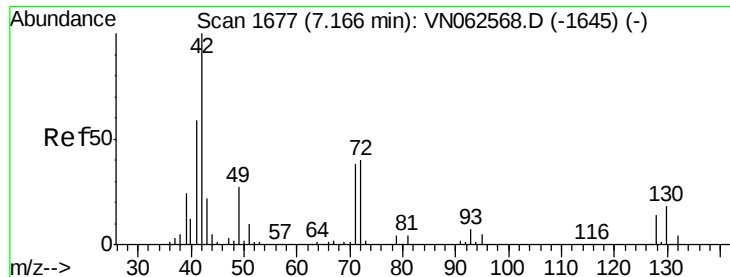
129 1.8 0.0 3.4

130 66.2 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

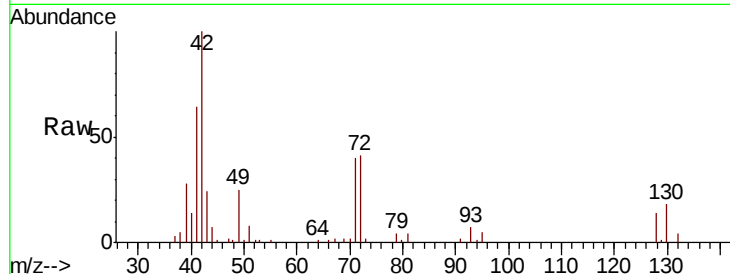




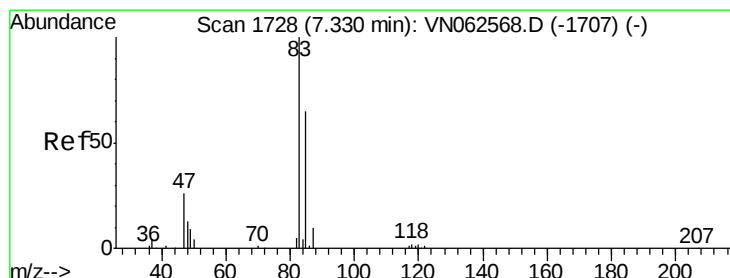
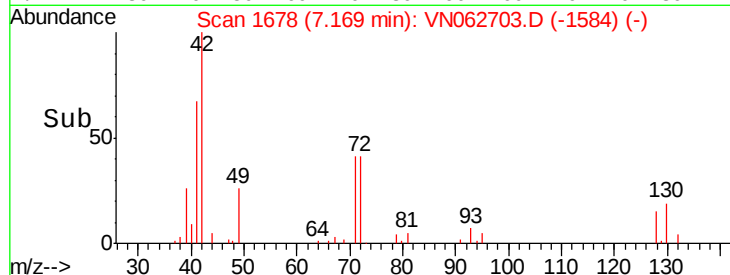
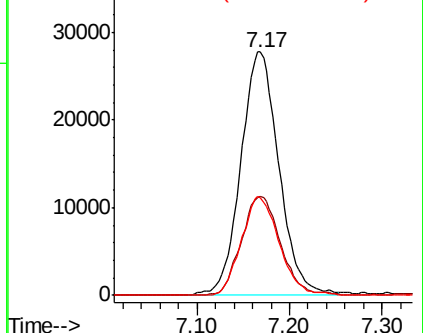
#29
Tetrahydrofuran
Concen: 85.562 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	30.7	46.1
71	40.1	29.1	43.7

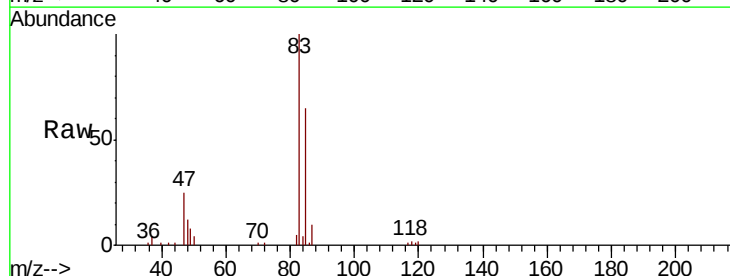


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

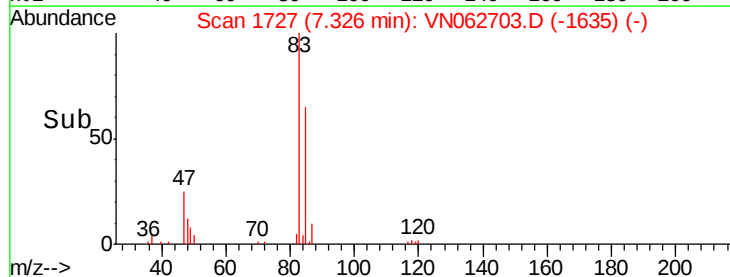
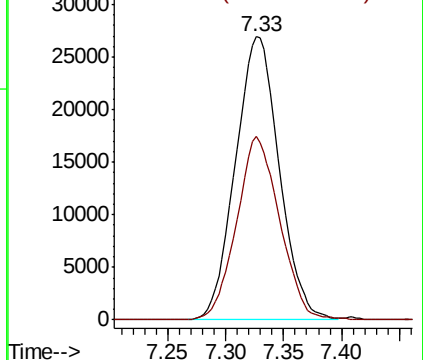


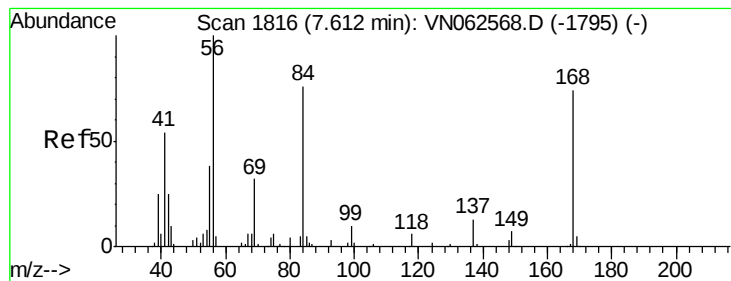
#30
Chloroform
Concen: 19.512 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.0	78.0



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





#31

Cyclohexane

Concen: 16.553 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

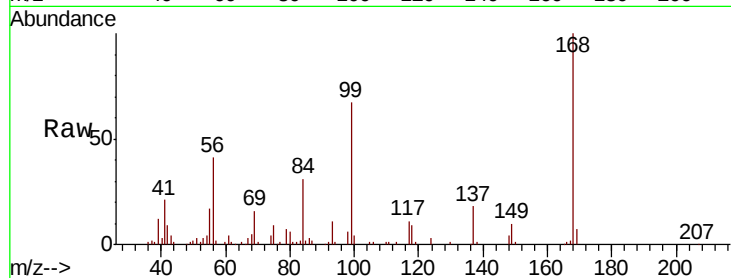
Tot Ion: 56 Resp: 58268

Ion Ratio Lower Upper

56 100

69 39.8 25.3 37.9#

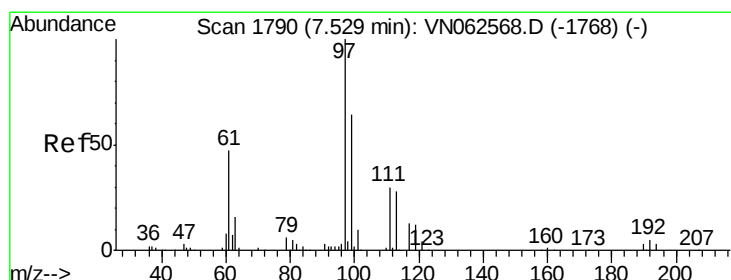
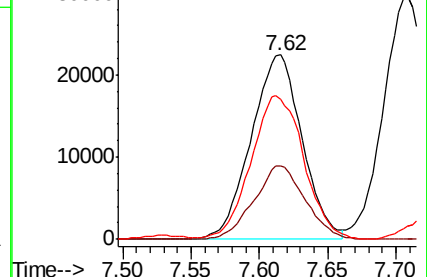
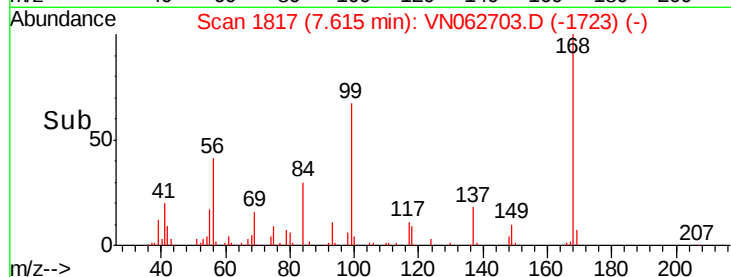
84 75.0 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062703.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062703.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062703.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 20.729 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

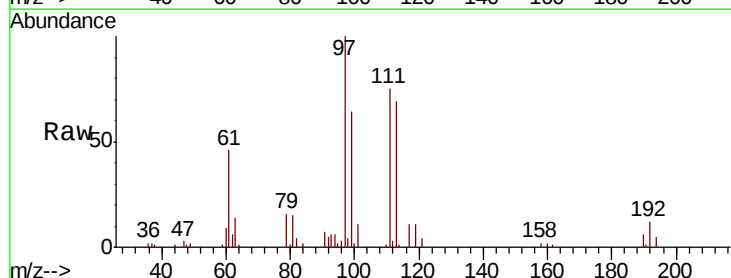
Tgt Ion: 97 Resp: 62735

Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

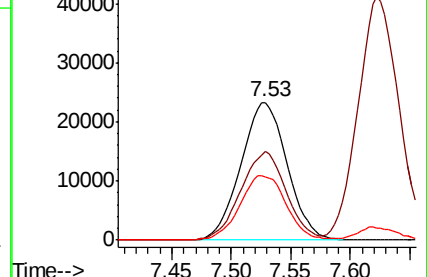
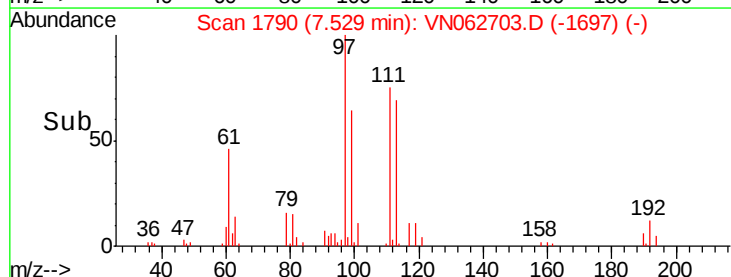
61 46.9 38.4 57.6

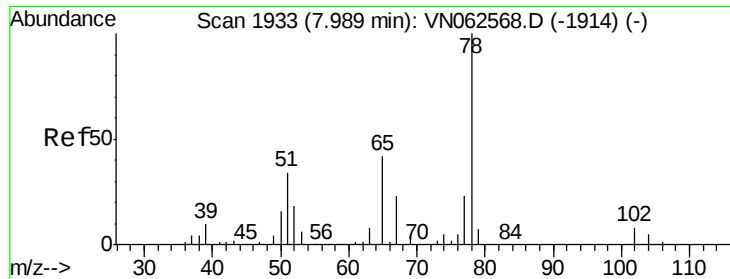


Abundance Ion 96.90 (96.60 to 97.60): VN062703.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062703.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062703.D (-1697) (-)

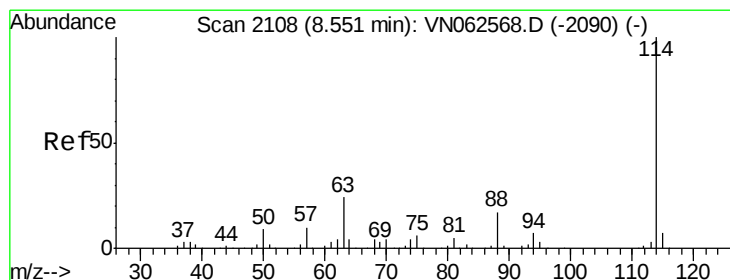
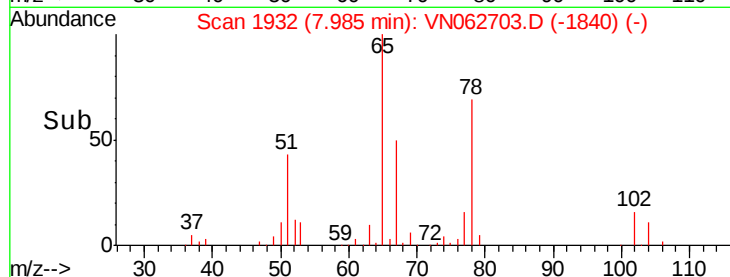
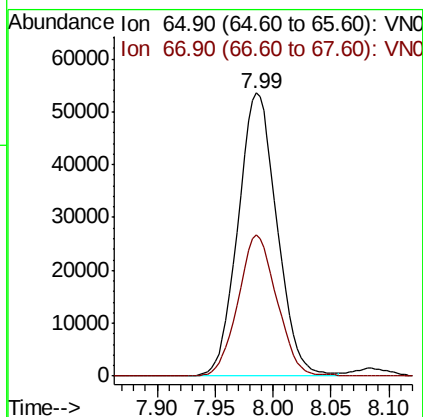
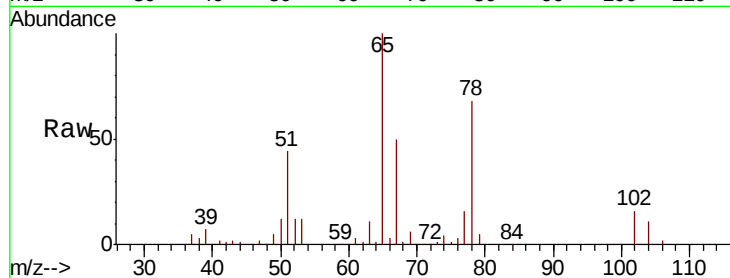




#33
 1,2-Dichloroethane-d4
 Concen: 52.245 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

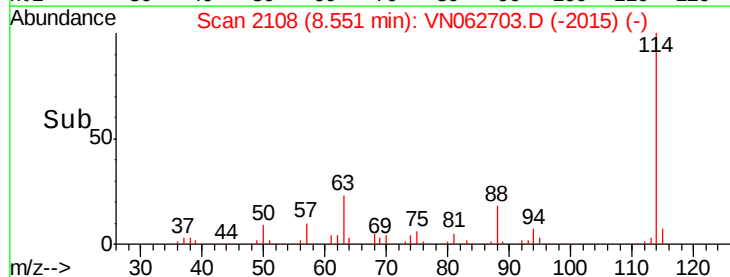
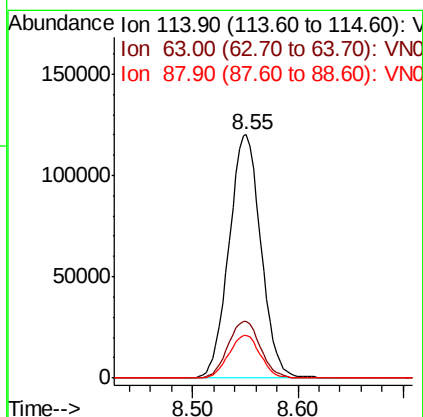
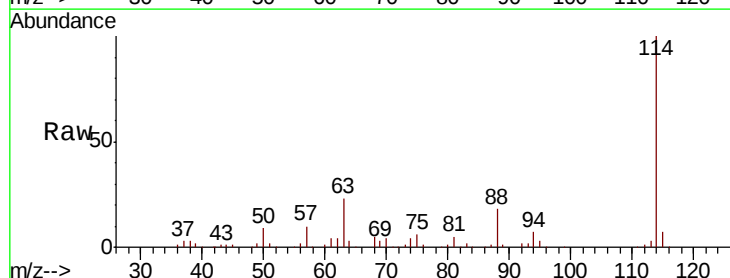
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

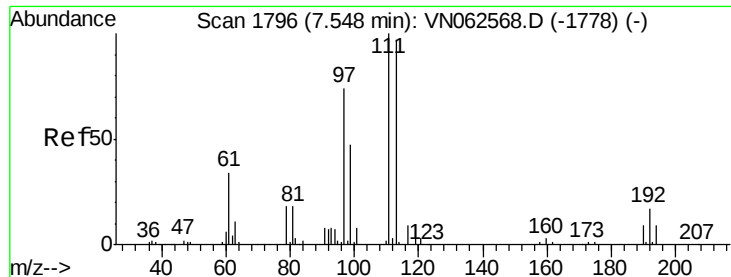
Tot Ion: 65 Resp: 124811
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 114 Resp: 252453
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 48.4
 88 17.7 0.0 33.8



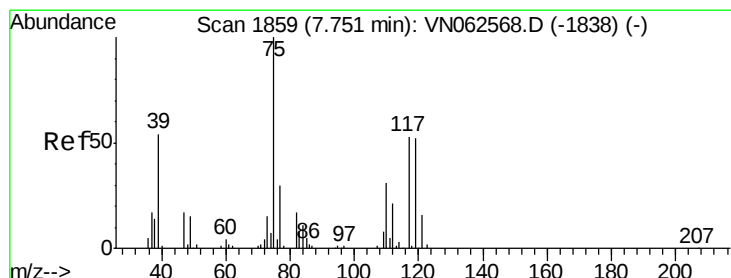
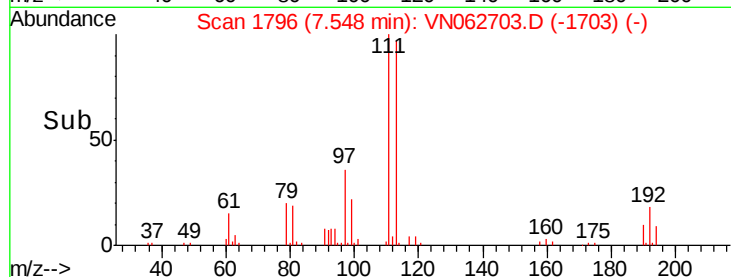
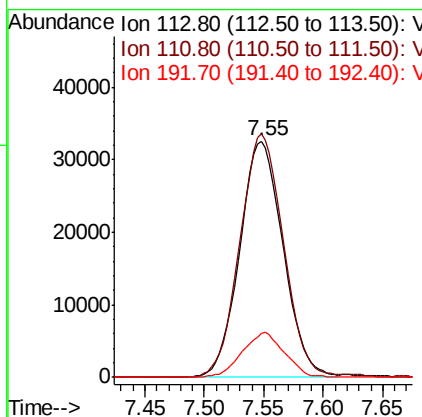
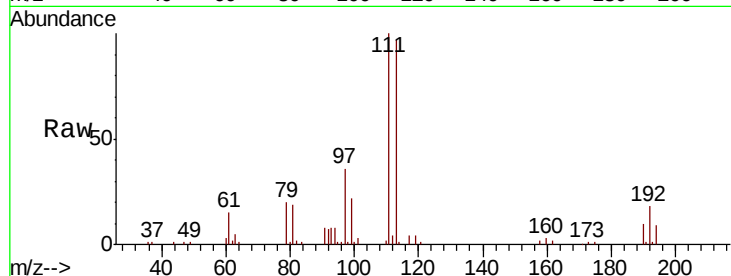


#35
Dibromofluoromethane
Concen: 49.718 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion:113 Resp: 82445

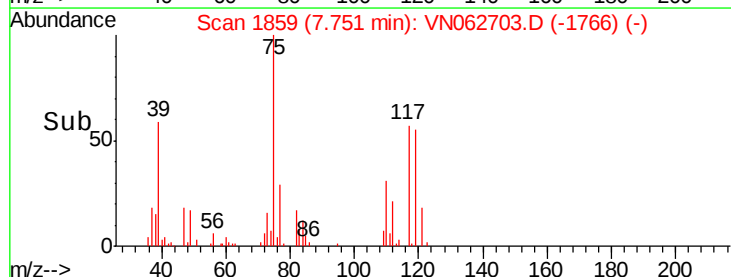
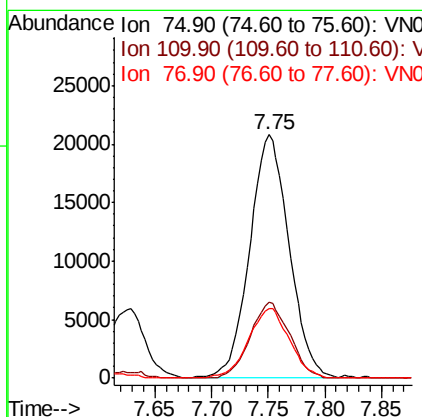
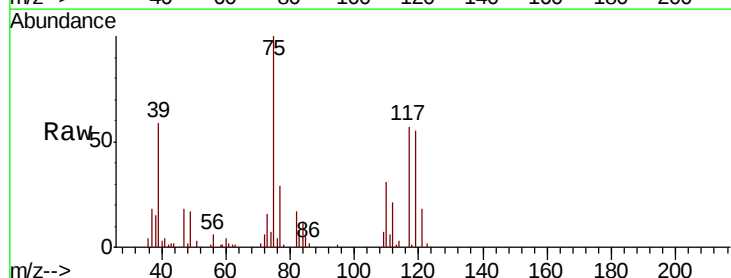
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	18.5	14.8	22.2

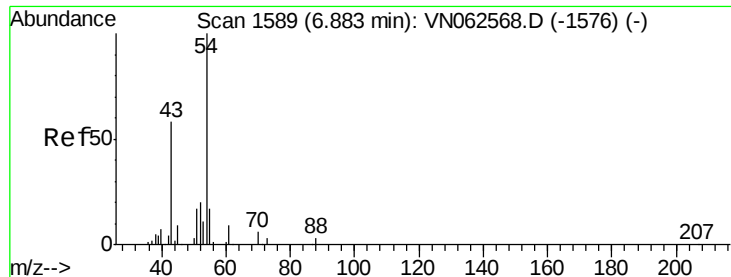


#36
1,1-Dichloropropene
Concen: 18.729 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 75 Resp: 50397

Ion	Ratio	Lower	Upper
75	100		
110	30.8	16.0	48.0
77	29.8	24.6	36.8

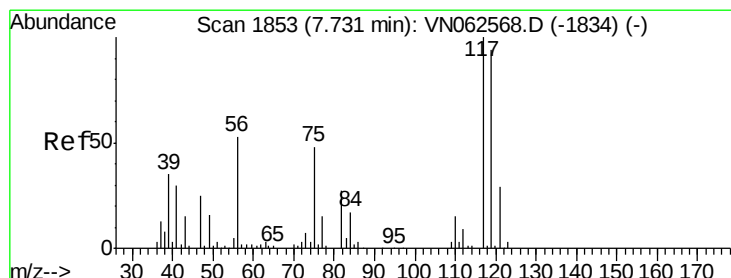
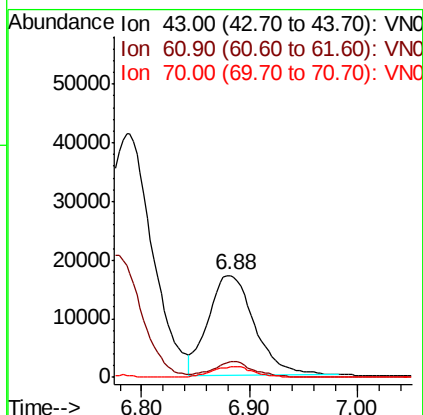
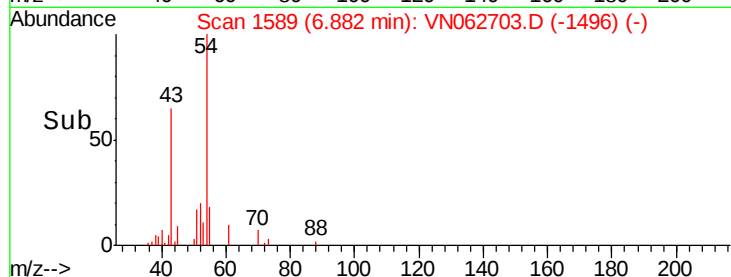
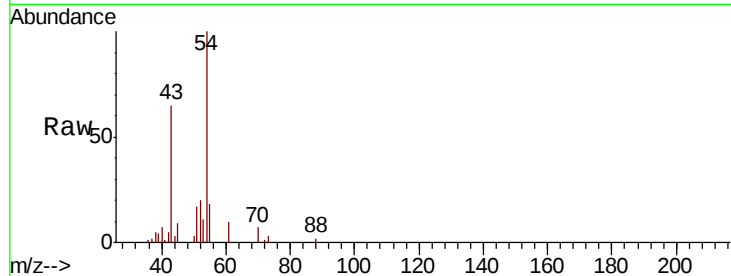




#37
Ethyl Acetate
Concen: 17.583 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

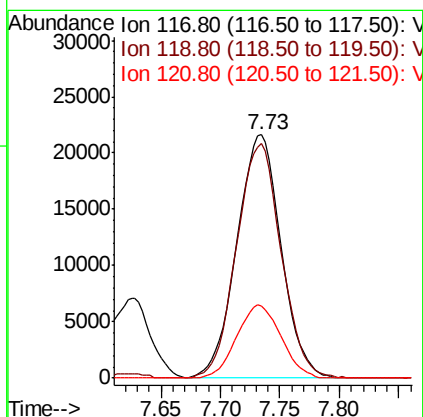
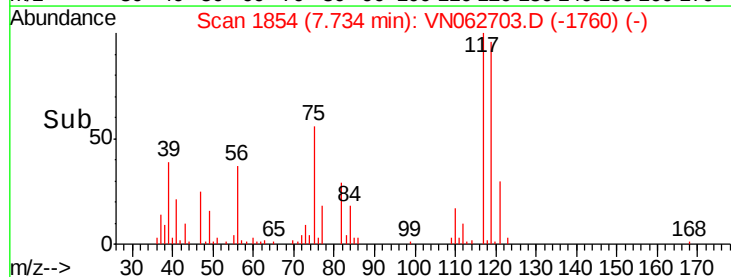
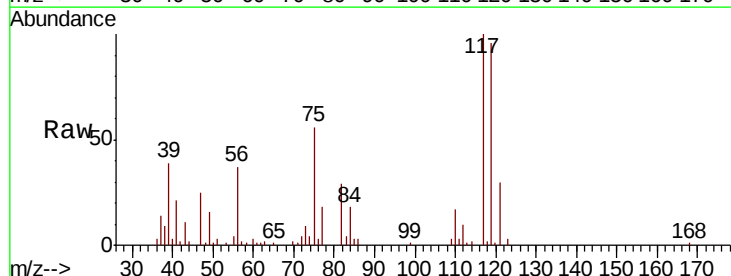
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

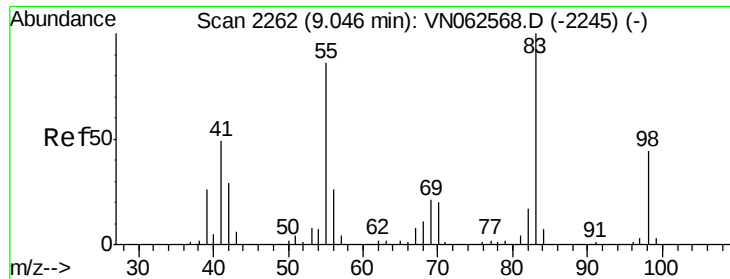
Tot Ion: 43 Resp: 51003
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.537 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 117 Resp: 55706
Ion Ratio Lower Upper
117 100
119 96.3 74.8 112.2
121 29.8 23.0 34.6

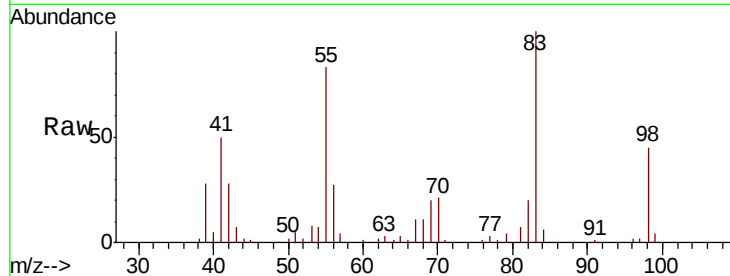




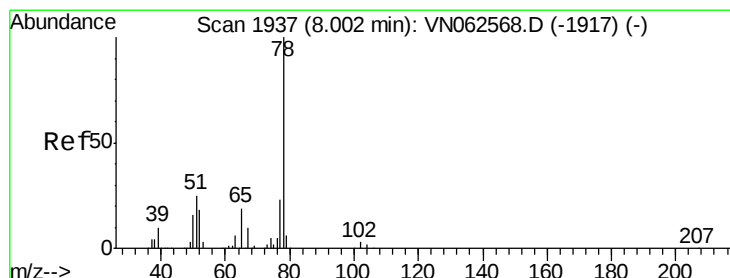
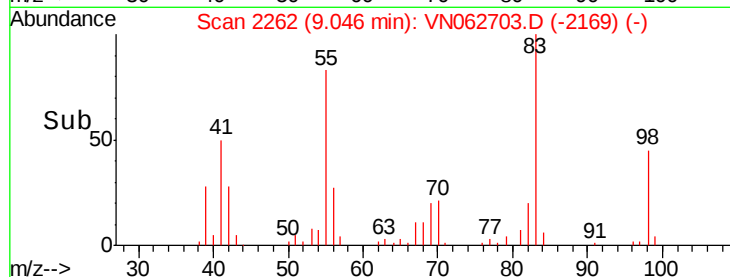
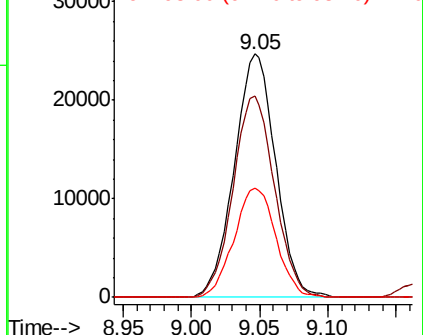
#39
Methvlcvclohexane
Concen: 17.935 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion: 83 Resp: 51952
Ion Ratio Lower Upper
83 100
55 82.7 68.9 103.3
98 44.6 35.1 52.7

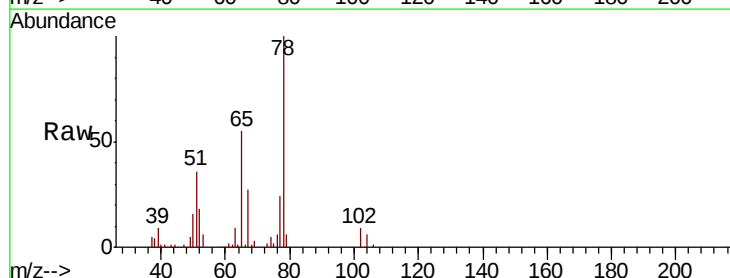


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

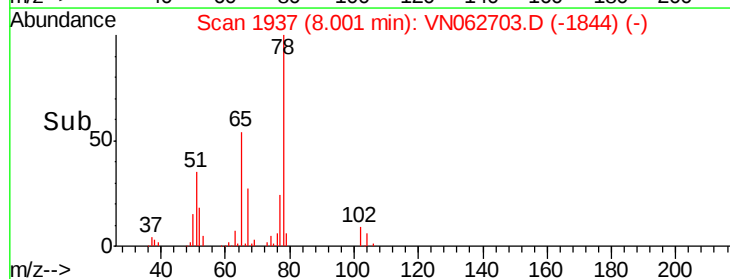
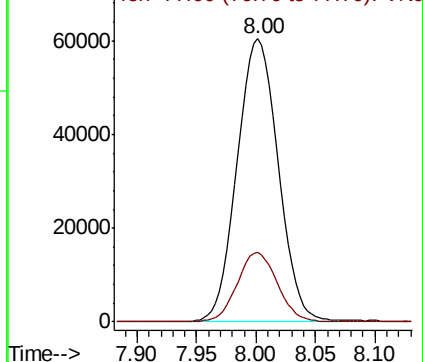


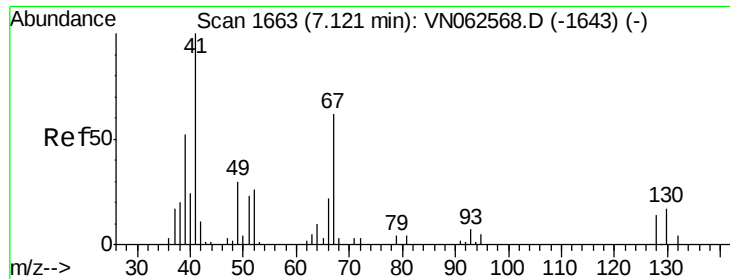
#40
Benzene
Concen: 17.770 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 78 Resp: 144767
Ion Ratio Lower Upper
78 100
77 24.5 18.7 28.1



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

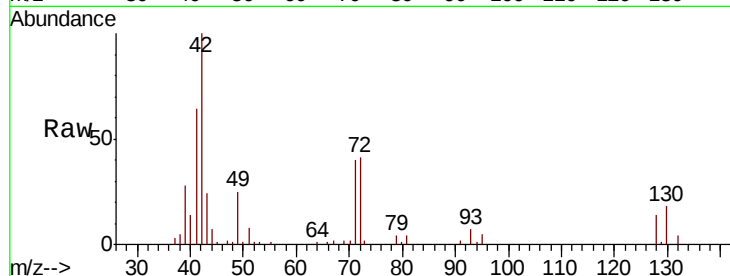




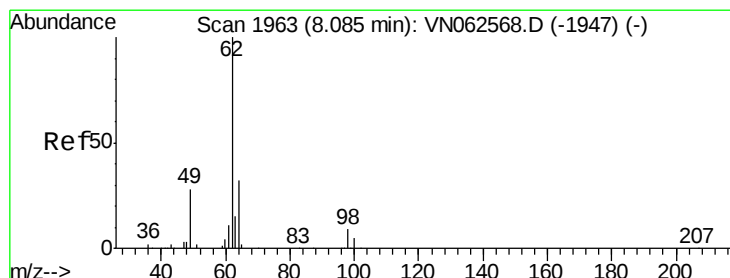
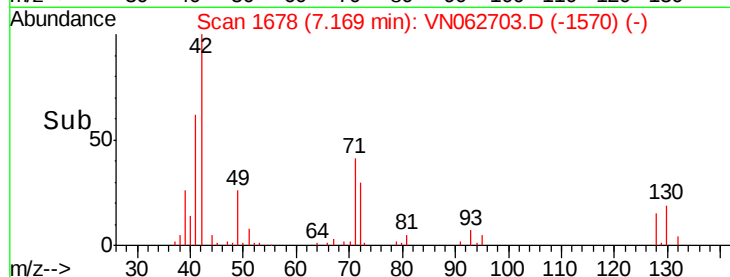
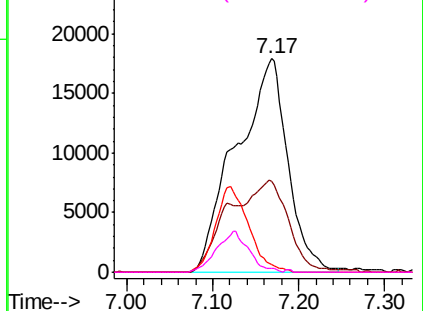
#41
Methacrylonitrile
Concen: 60.182 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.05 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion: 41 Resp: 74815
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 72.5 108.7#
52 0.0 31.8 47.8#

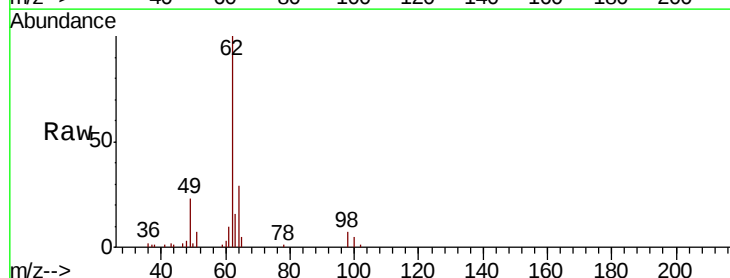


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

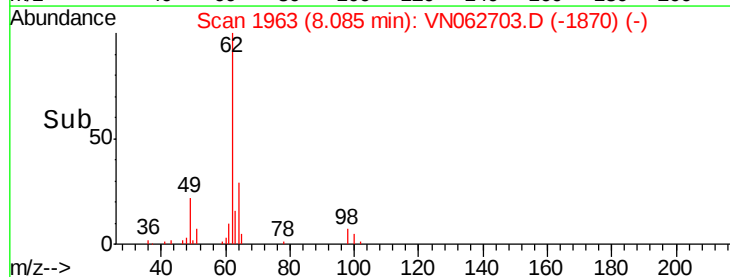
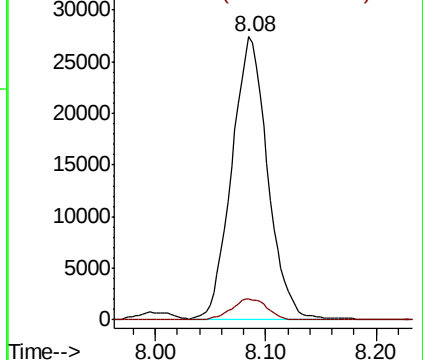


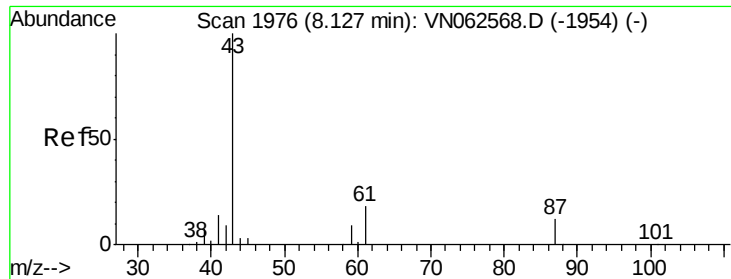
#42
1,2-Dichloroethane
Concen: 20.864 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 62 Resp: 62140
Ion Ratio Lower Upper
62 100
98 7.3 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 17.952 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

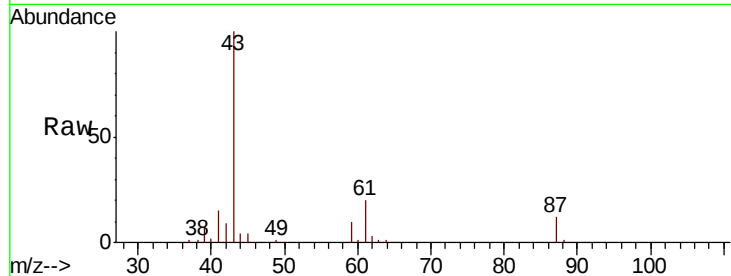
Tot Ion: 43 Resp: 83945

Ion Ratio Lower Upper

43 100

61 19.8 20.8 31.2#

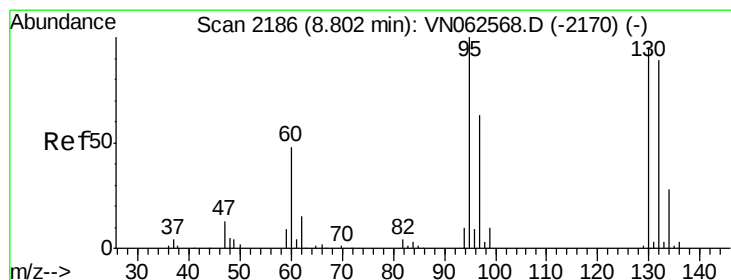
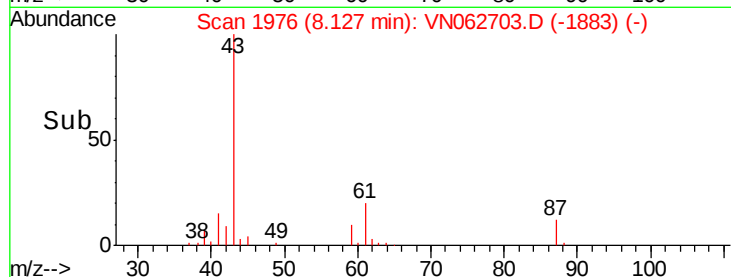
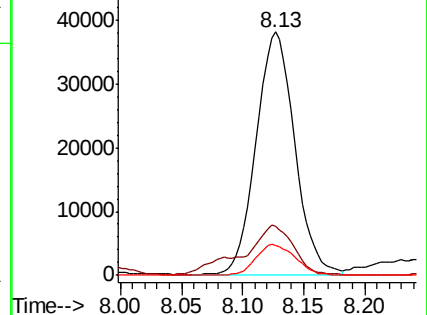
87 12.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 18.412 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062703.D

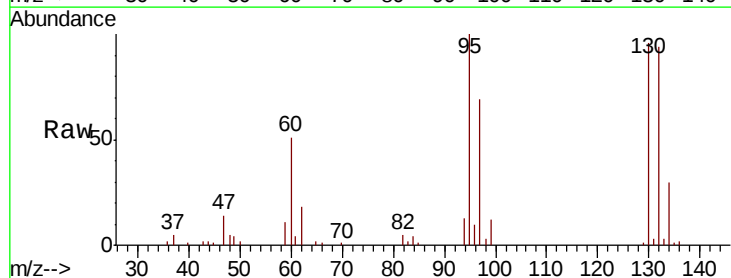
Acq: 31 Jul 2020 23:09

Tgt Ion:130 Resp: 33826

Ion Ratio Lower Upper

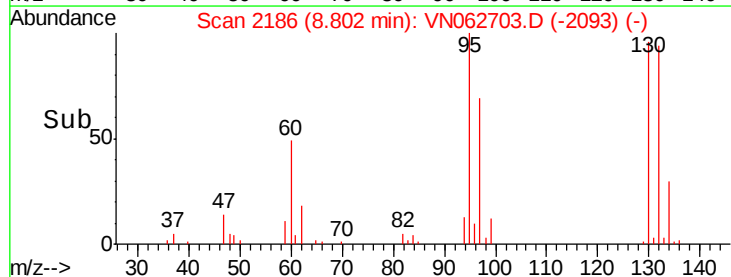
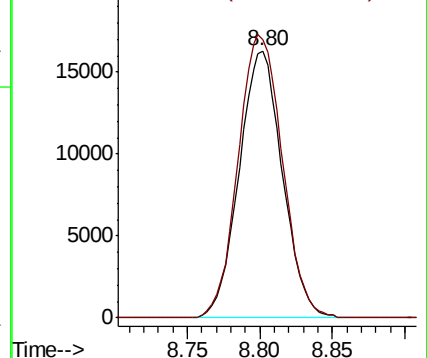
130 100

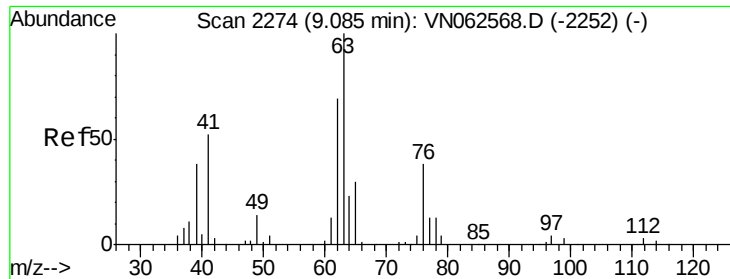
95 104.4 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

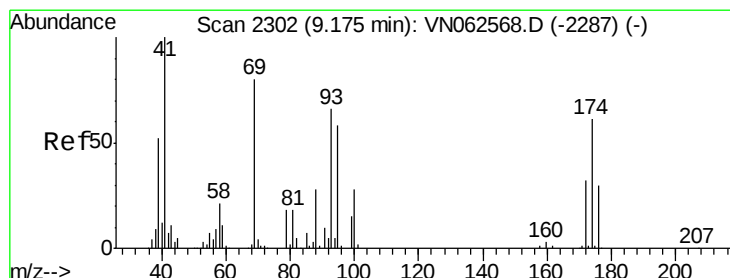
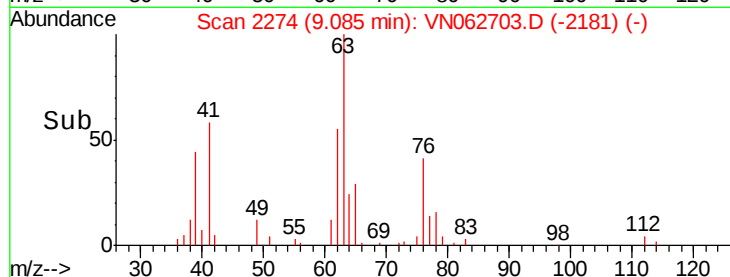
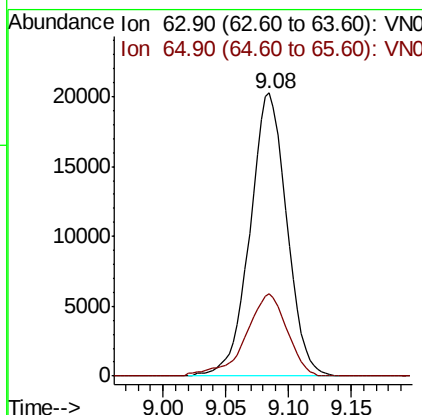
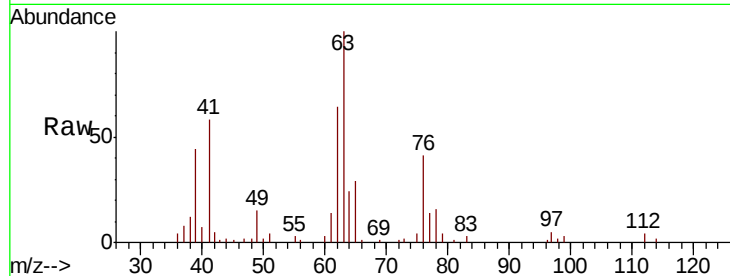




#45
 1,2-Dichloropropane
 Concen: 18.122 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

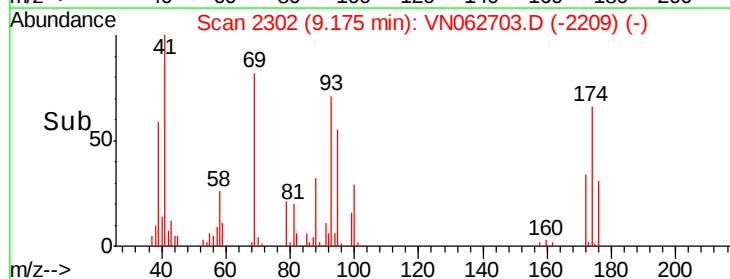
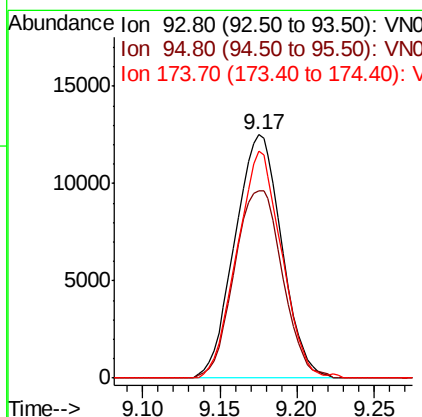
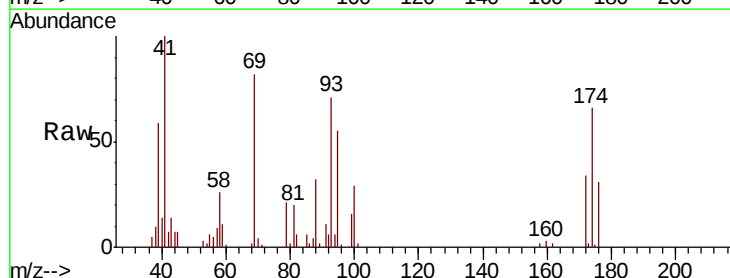
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

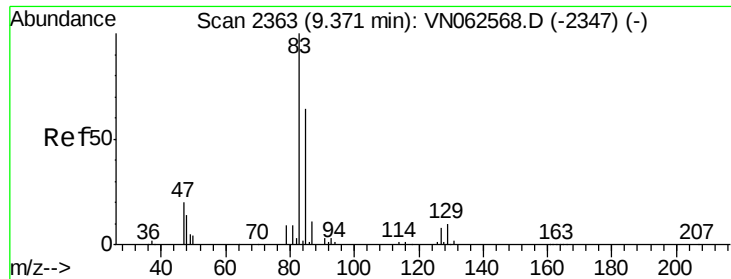
Tot Ion: 63 Resp: 41451
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.4 36.6



#46
 Dibromomethane
 Concen: 19.937 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 93 Resp: 26356
 Ion Ratio Lower Upper
 93 100
 95 79.3 67.6 101.4
 174 88.8 72.5 108.7





#47

Bromodichloromethane

Concen: 19.837 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

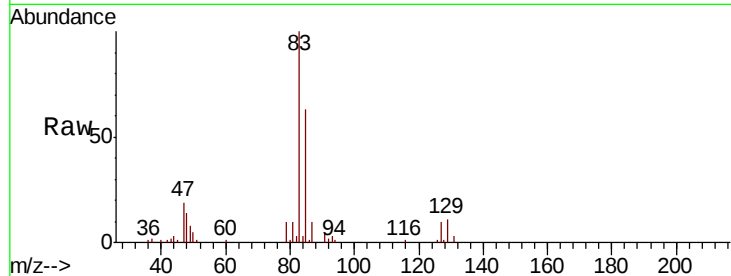
Tot Ion: 83 Resp: 56815

Ion Ratio Lower Upper

83 100

85 63.2 51.6 77.4

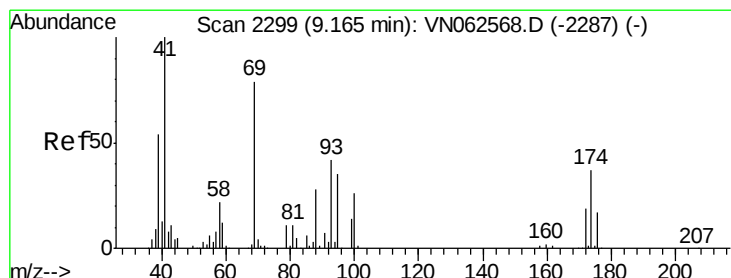
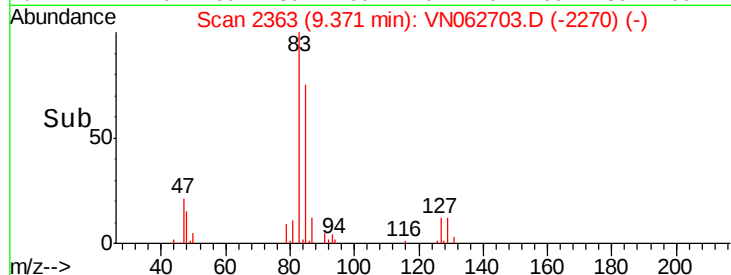
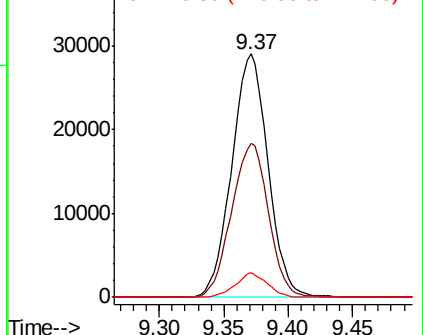
127 10.2 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN062703.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062703.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062703.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.075 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

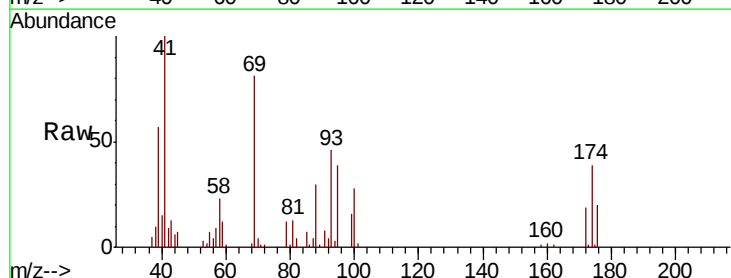
Tgt Ion: 41 Resp: 40177

Ion Ratio Lower Upper

41 100

69 84.2 64.4 96.6

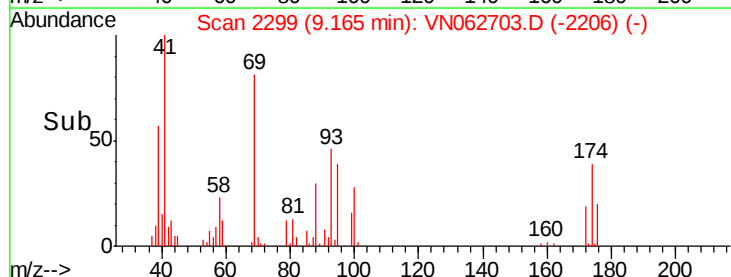
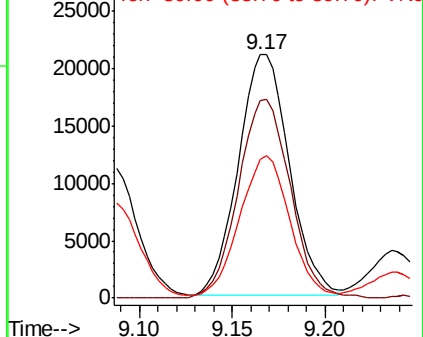
39 56.5 43.5 65.3

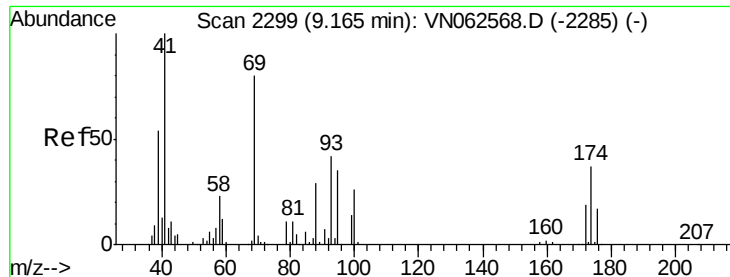


Abundance Ion 41.00 (40.70 to 41.70): VN062703.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062703.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062703.D (-2206) (-)

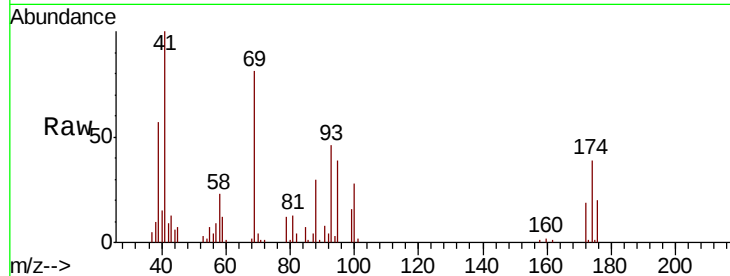




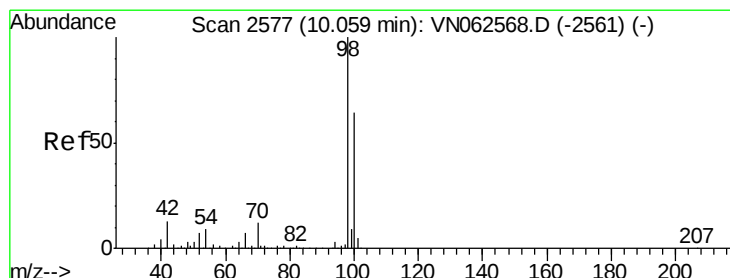
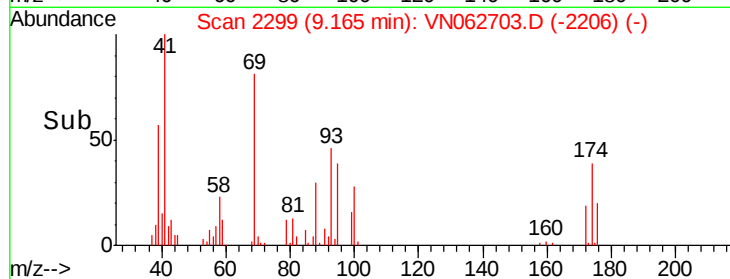
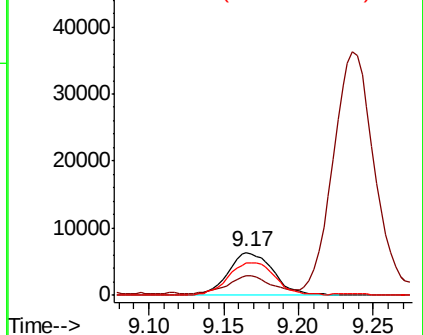
#49
1,4-Dioxane
Concen: 390.891 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion: 88 Resp: 13345
Ion Ratio Lower Upper
88 100
43 39.0 32.0 48.0
58 80.1 62.8 94.2

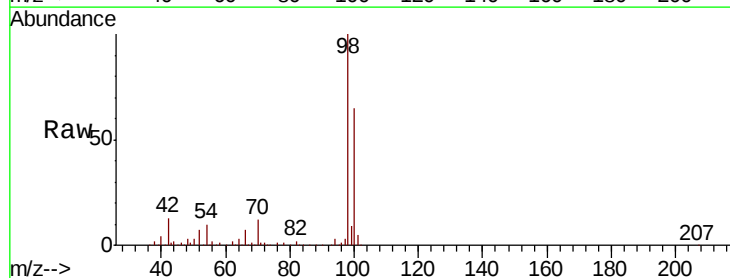


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

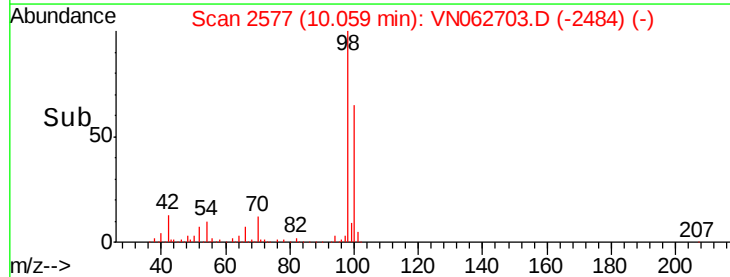
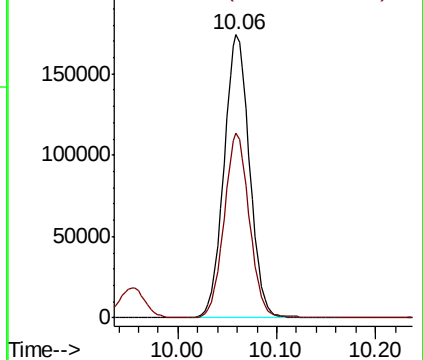


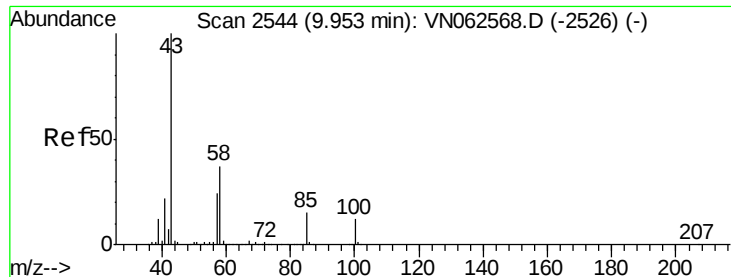
#50
Toluene-d8
Concen: 47.788 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 98 Resp: 316184
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



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: 93.995 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

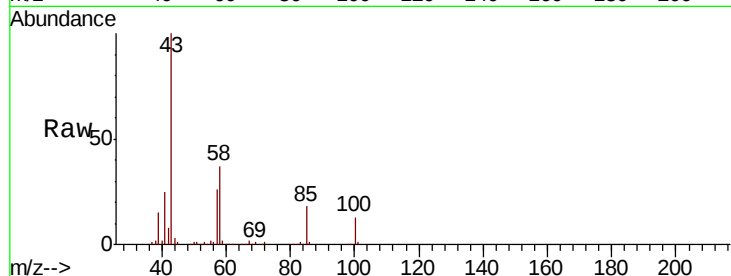
VN0731WBSD02

Tot Ion: 43 Resp: 262985

Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

150000

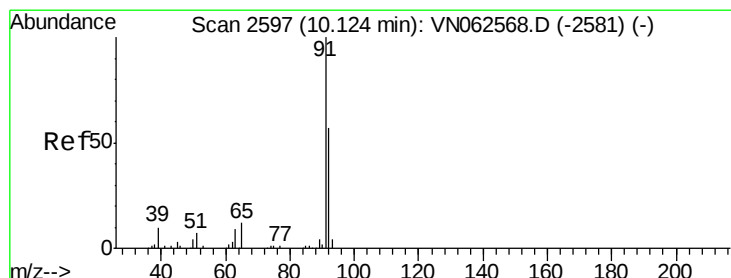
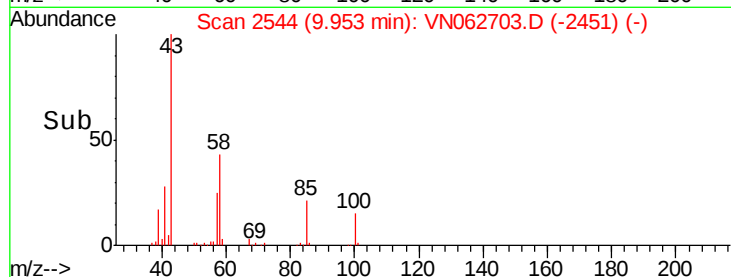
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.758 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062703.D

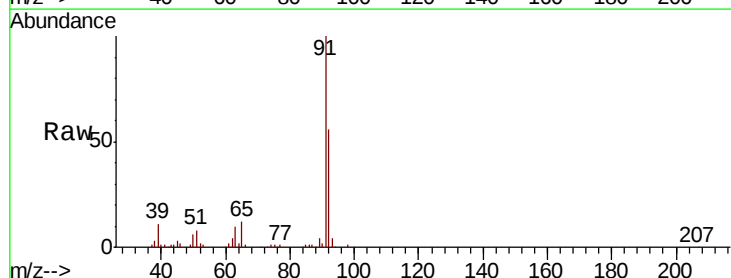
Acq: 31 Jul 2020 23:09

Tgt Ion: 92 Resp: 88735

Ion Ratio Lower Upper

92 100

91 177.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

100000

80000

60000

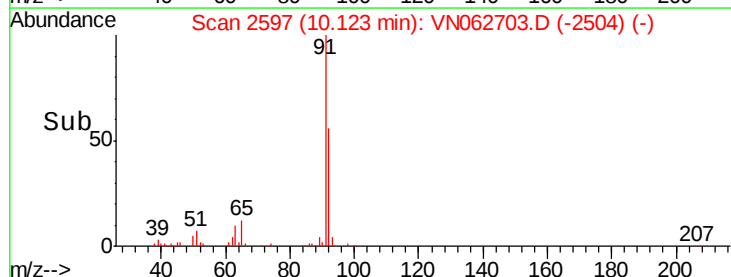
40000

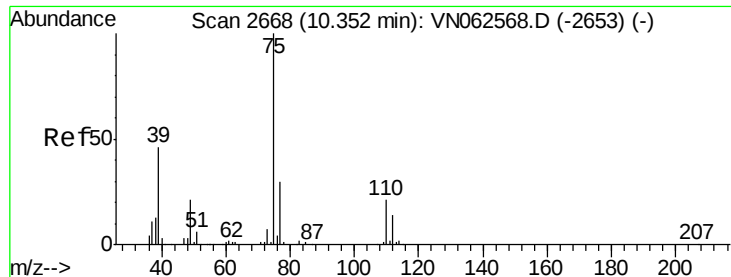
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.960 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

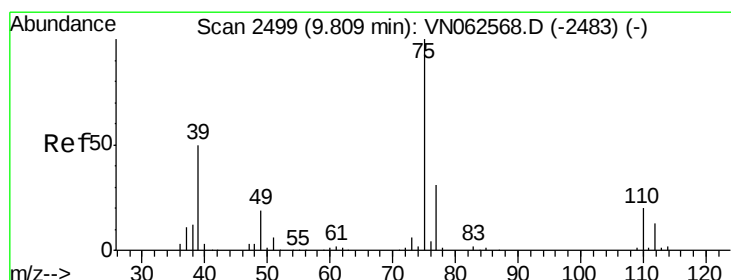
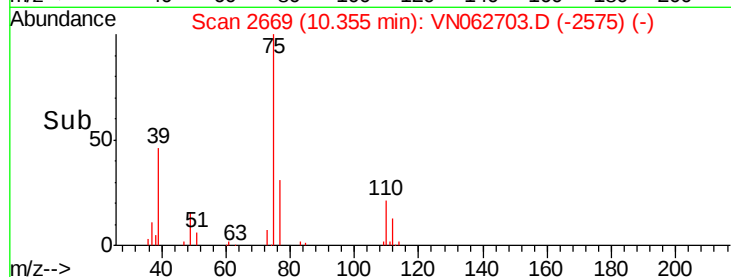
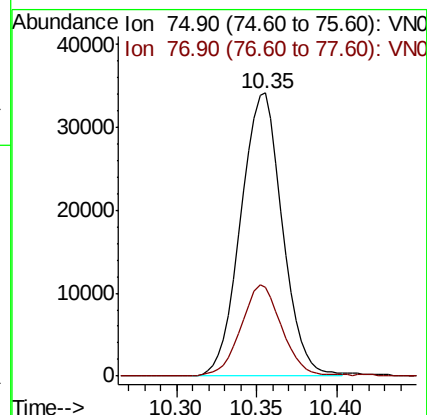
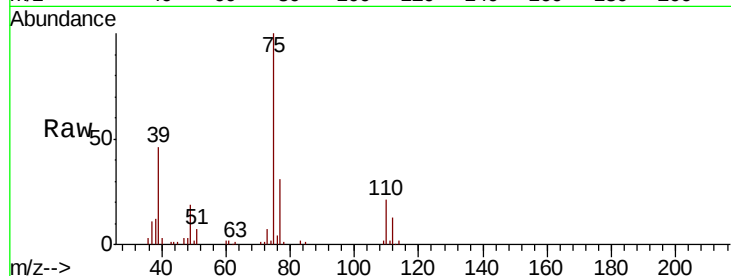
VN0731WBSD02

Tot Ion: 75 Resp: 60452

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 18.897 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

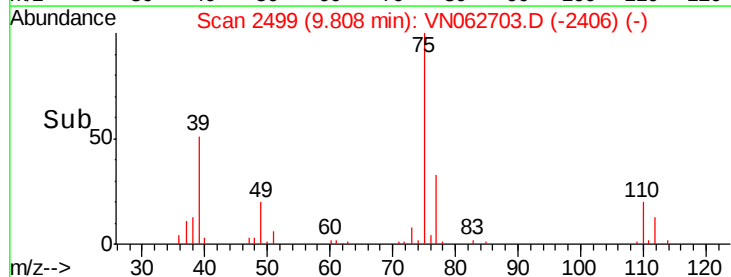
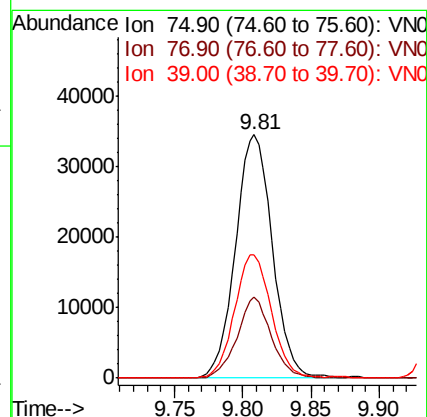
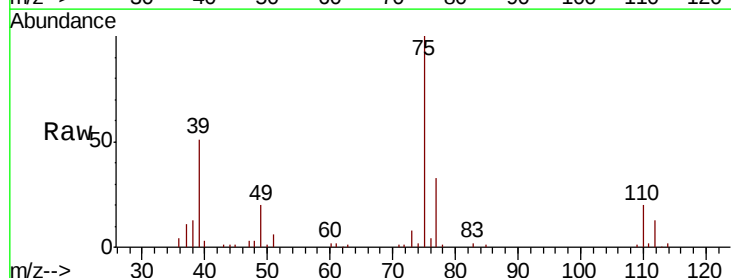
Tgt Ion: 75 Resp: 64650

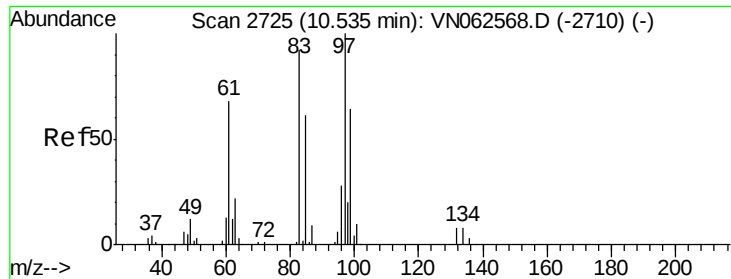
Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.6

39 50.7 39.8 59.8



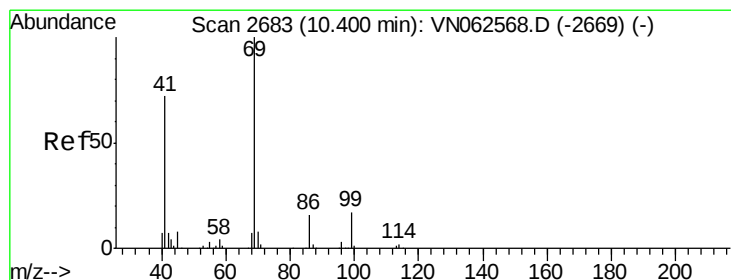
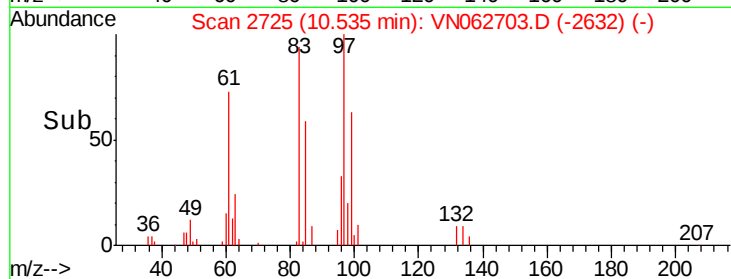
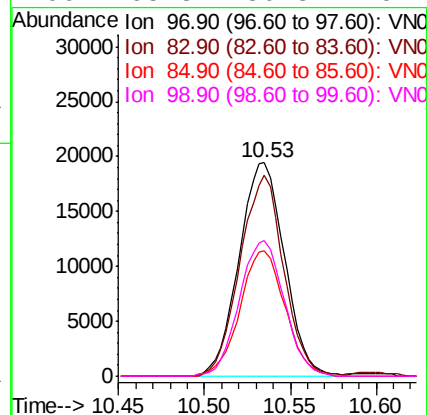
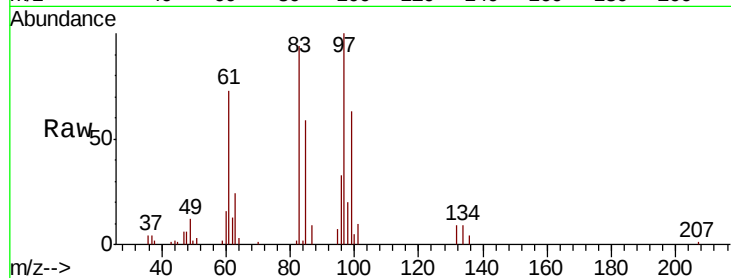


#55
 1,1,2-Trichloroethane
 Concen: 19.425 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion: 97 Resp: 35642

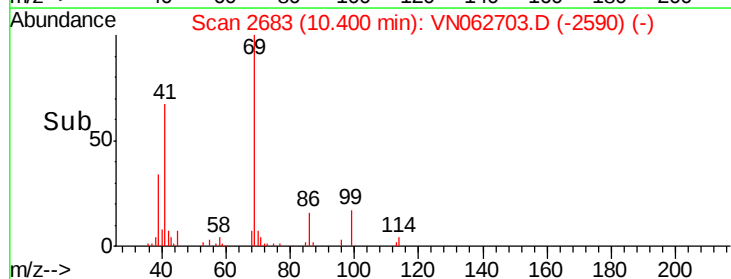
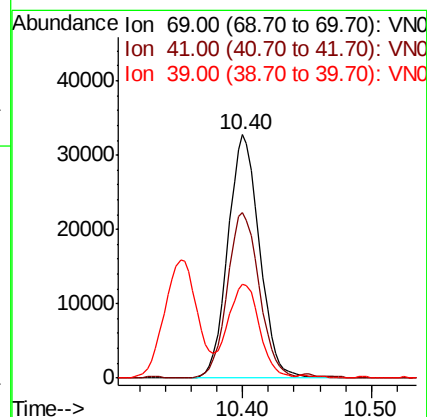
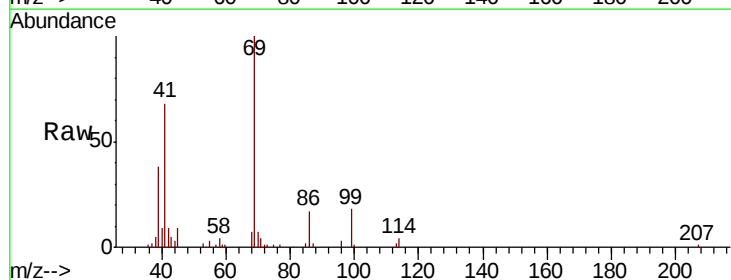
Ion	Ratio	Lower	Upper
97	100		
83	94.0	73.7	110.5
85	58.9	48.5	72.7
99	63.3	50.8	76.2

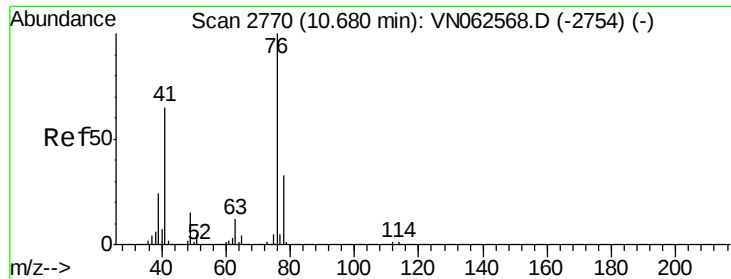


#56
 Ethyl methacrylate
 Concen: 18.050 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 69 Resp: 55608

Ion	Ratio	Lower	Upper
69	100		
41	69.1	57.2	85.8
39	37.5	28.6	43.0

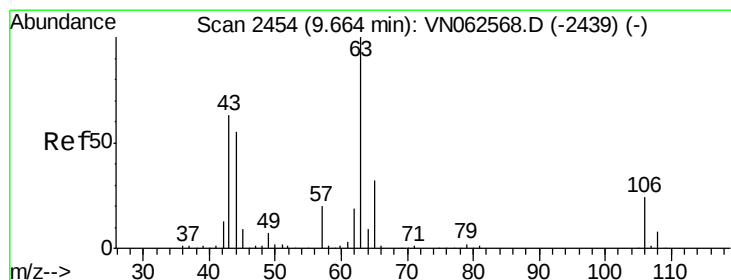
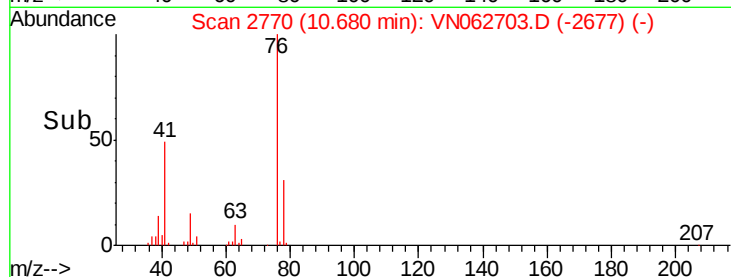
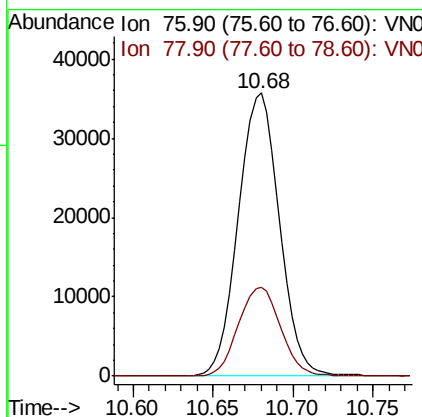
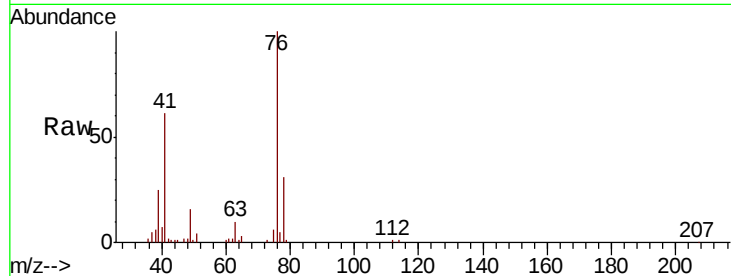




#57
 1,3-Dichloropropane
 Concen: 18.634 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

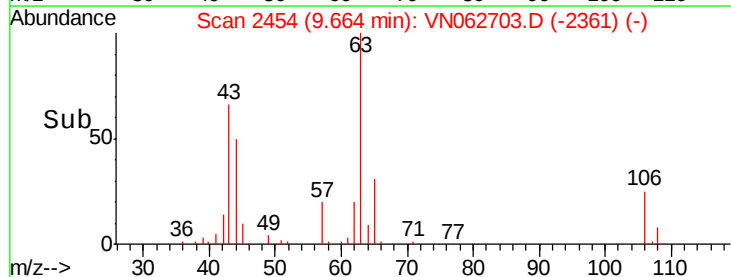
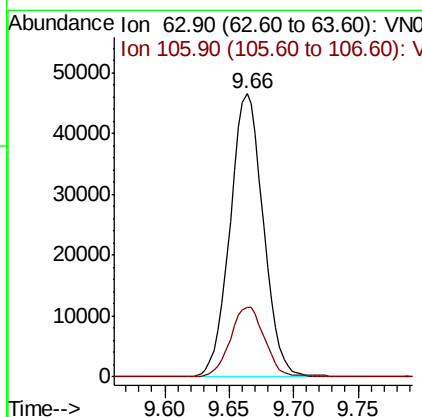
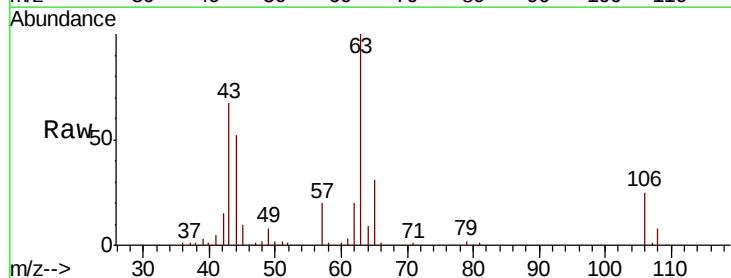
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

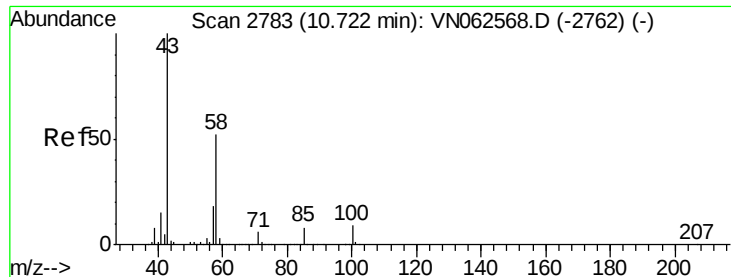
Tot Ion: 76 Resp: 62640
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.199 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 63 Resp: 83533
 Ion Ratio Lower Upper
 63 100
 106 25.3 18.9 28.3

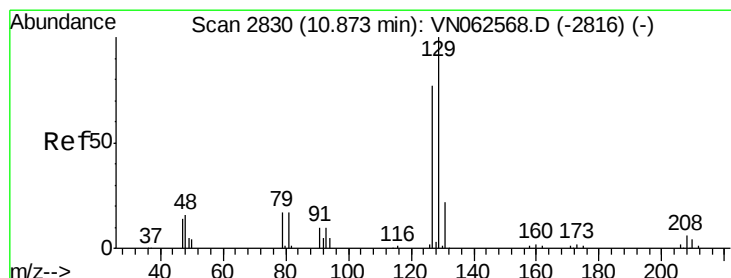
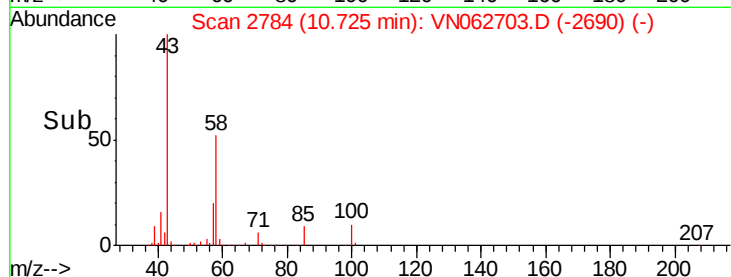
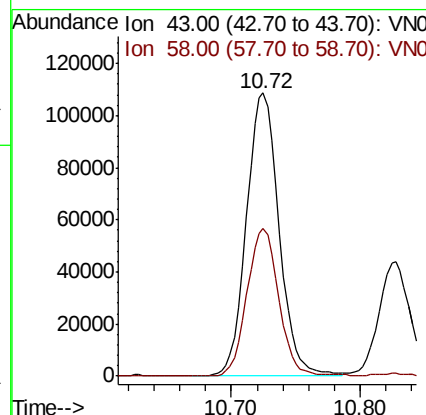
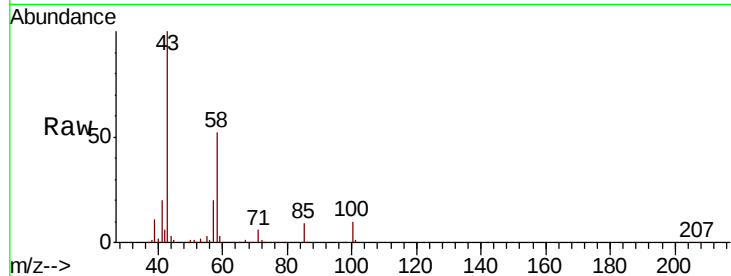




#59
2-Hexanone
Concen: 89.644 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

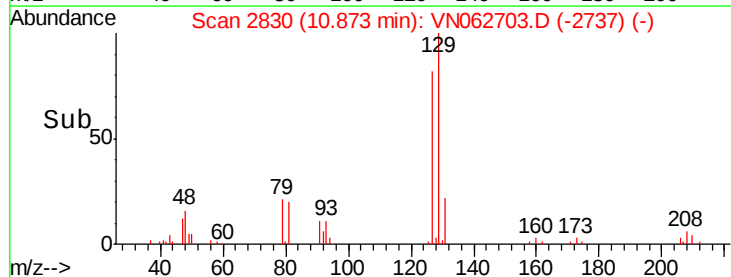
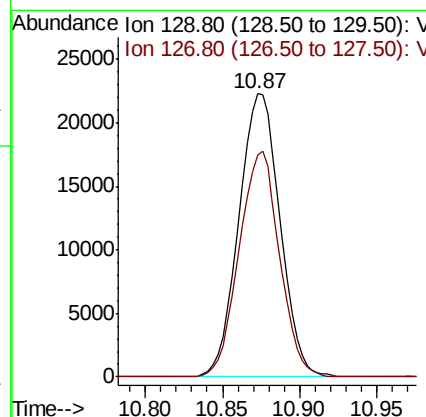
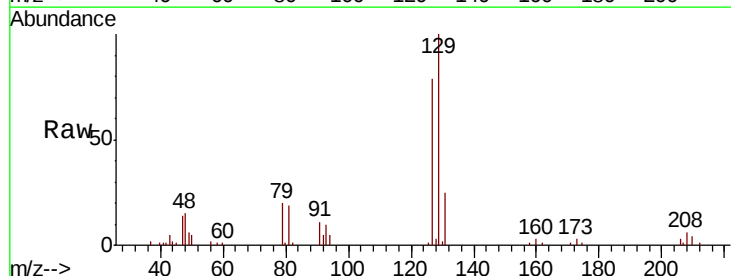
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

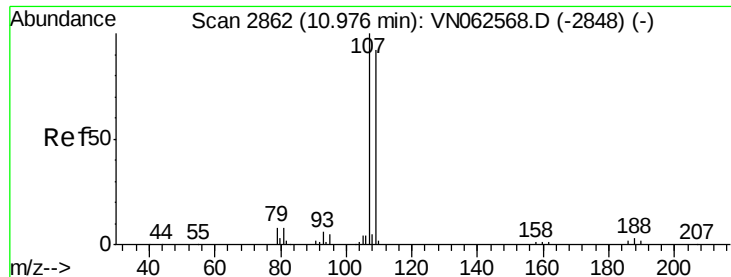
Tot Ion: 43 Resp: 189813
Ion Ratio Lower Upper
43 100
58 51.4 26.0 78.0



#60
Dibromochloromethane
Concen: 20.169 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 129 Resp: 41285
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9

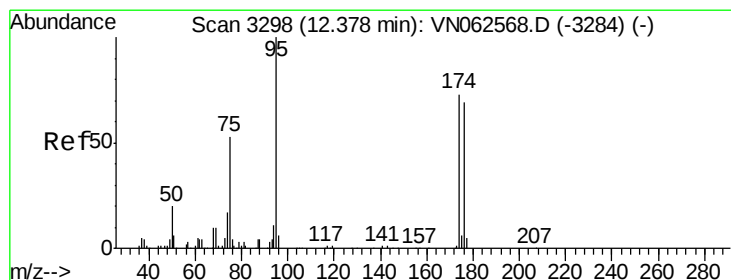
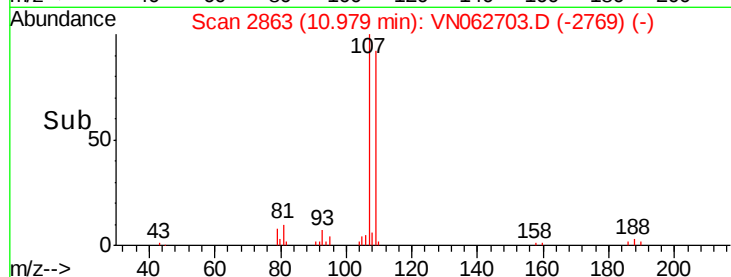
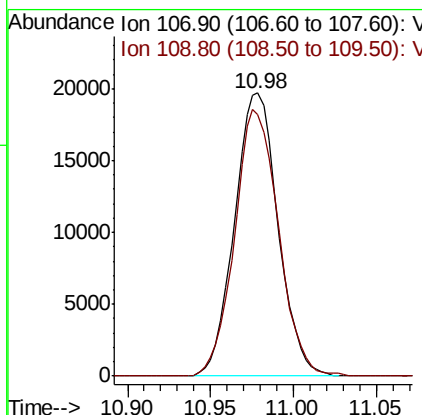
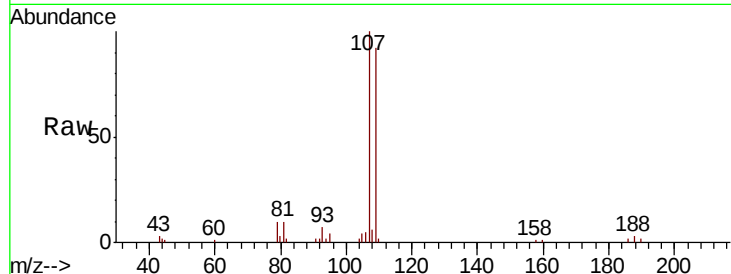




#61
 1,2-Dibromoethane
 Concen: 18.786 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

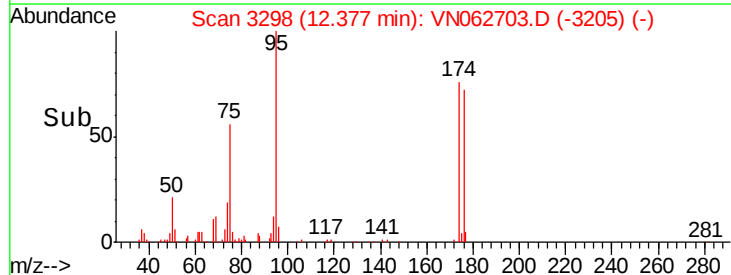
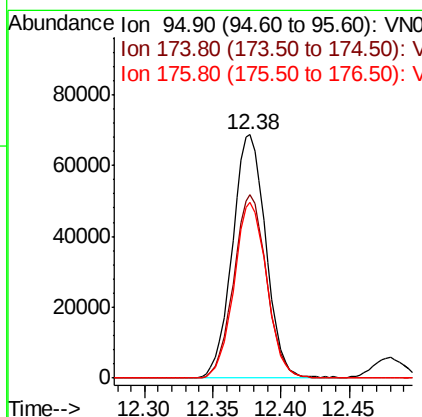
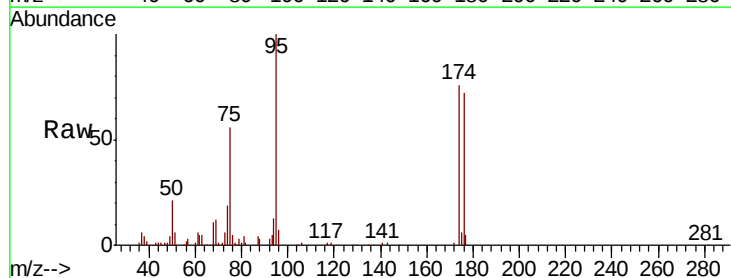
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

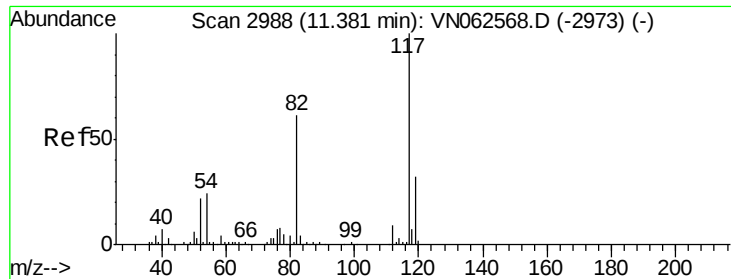
Tot Ion:107 Resp: 35893
 Ion Ratio Lower Upper
 107 100
 109 94.9 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 48.332 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 95 Resp: 116926
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 144.6
 176 70.5 0.0 139.4

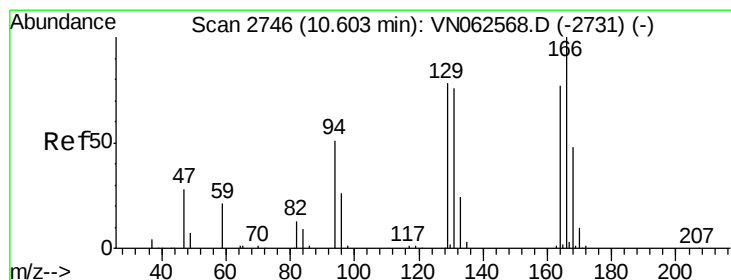
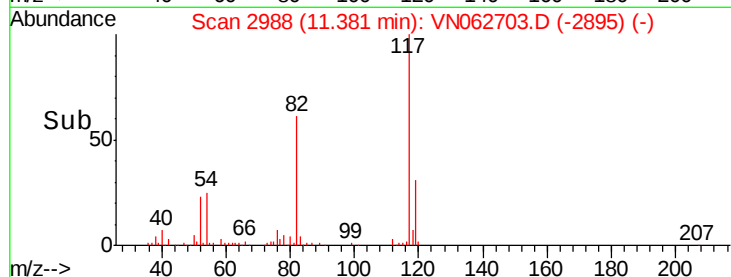
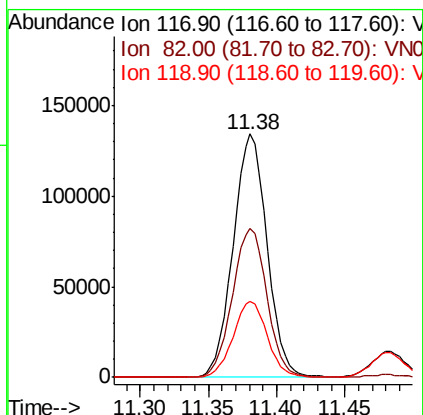
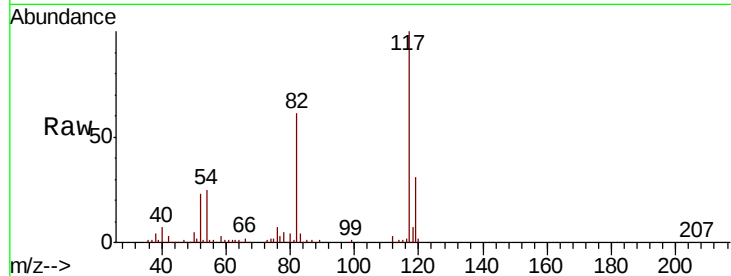




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

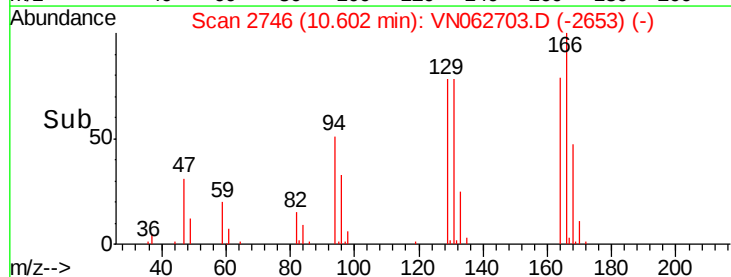
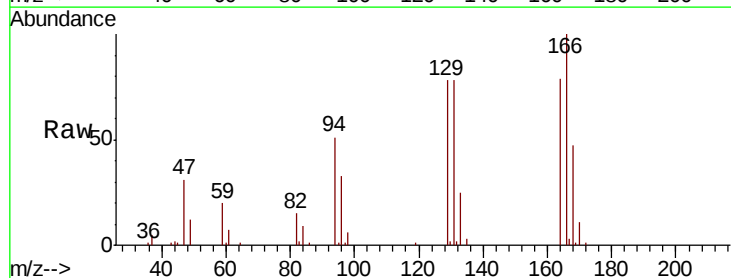
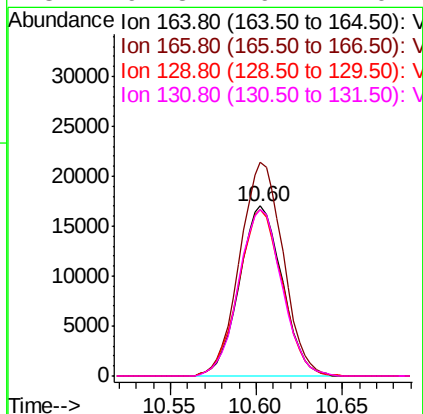
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

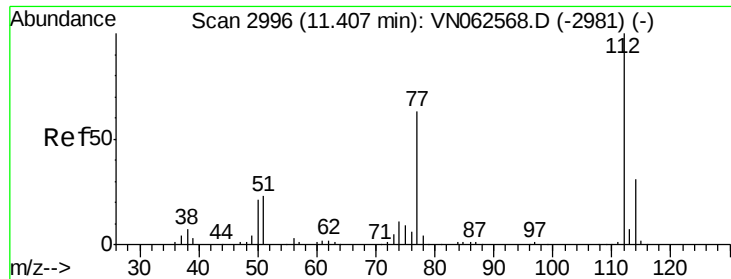
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	49.0	73.6
119	31.2	25.4	38.2



#64
Tetrachloroethene
Concen: 19.620 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	104.4	156.6
129	98.3	81.0	121.4
131	97.8	79.4	119.2

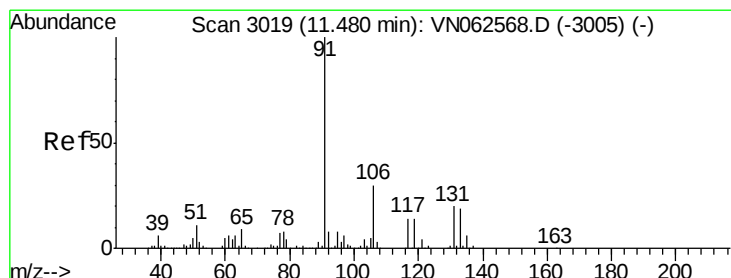
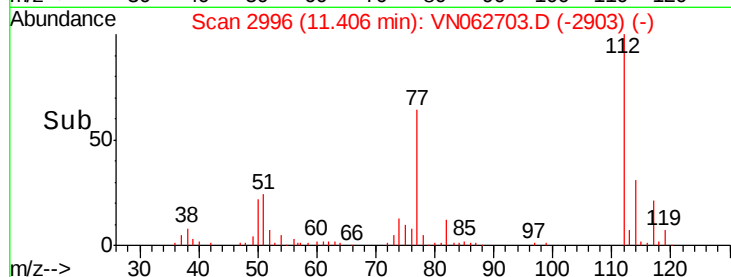
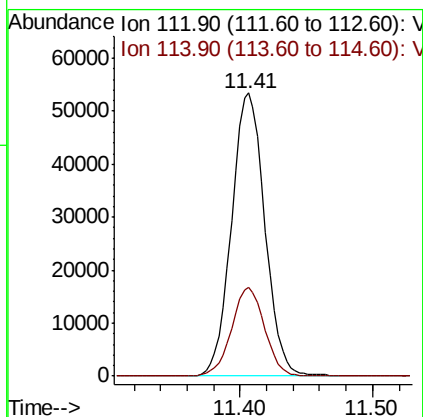
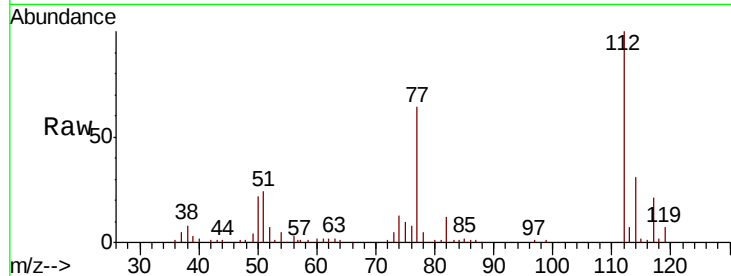




#65
Chlorobenzene
Concen: 19.135 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

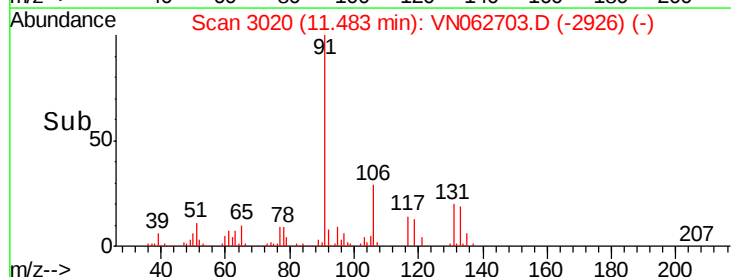
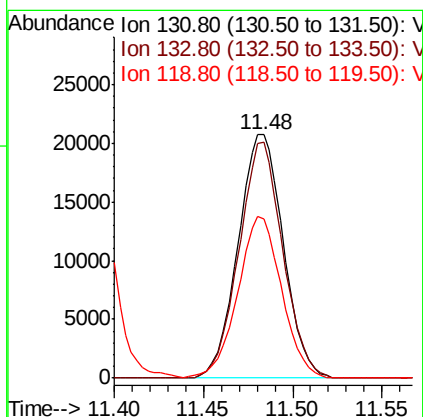
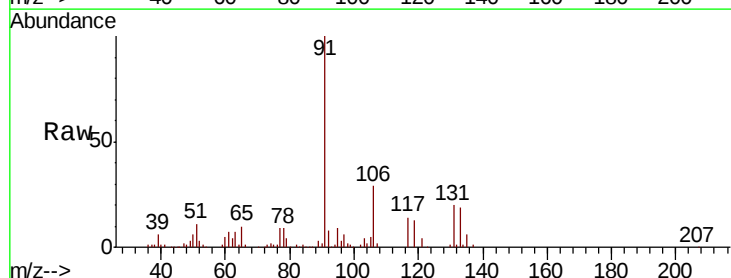
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

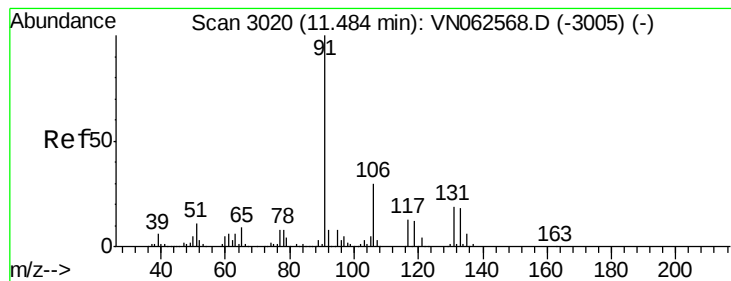
Tot Ion:112 Resp: 93008
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.077 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion:131 Resp: 36712
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 64.4 33.7 101.0





#67

Ethyl Benzene

Concen: 19.133 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleID :

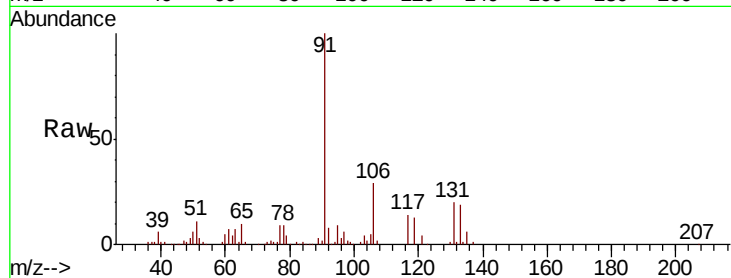
VN0731WBSD02

Tot Ion: 91 Resp: 170509

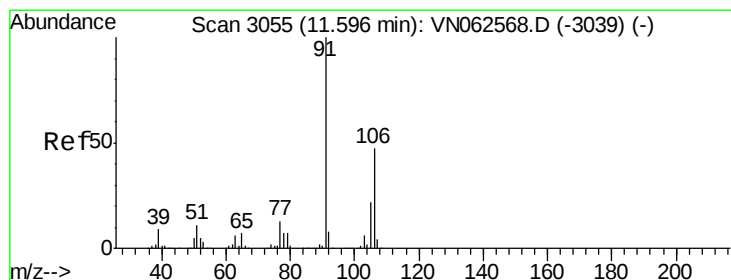
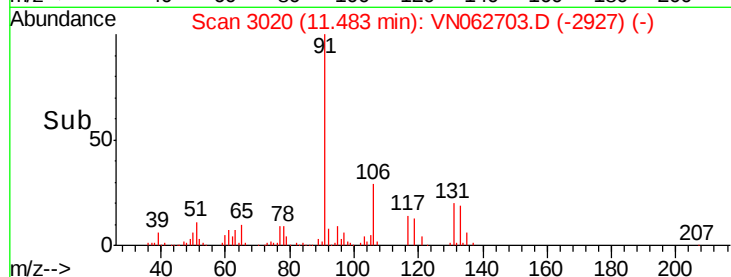
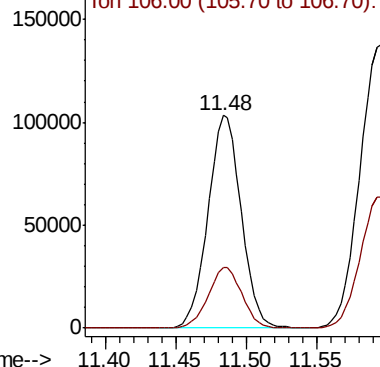
Ion Ratio Lower Upper

91 100

106 28.5 23.8 35.8



Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3005) (-)



#68

m/p-Xylenes

Concen: 38.724 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062703.D

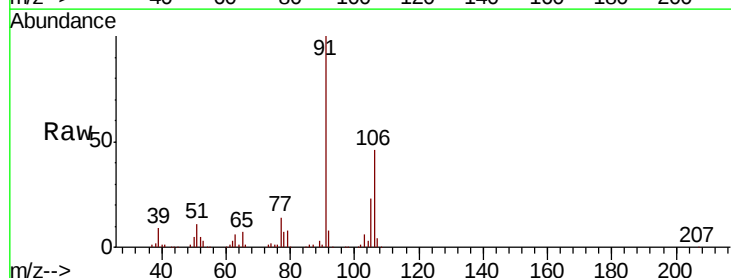
Acq: 31 Jul 2020 23:09

Tgt Ion: 106 Resp: 124042

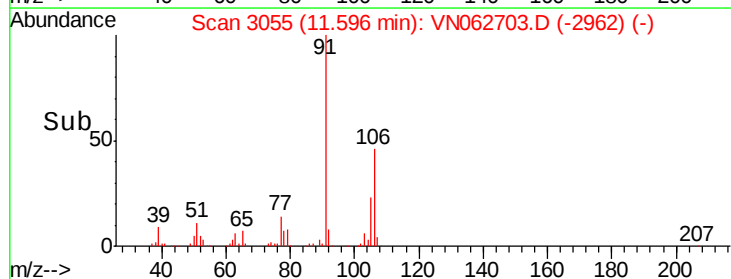
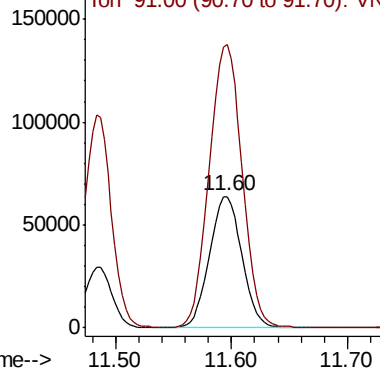
Ion Ratio Lower Upper

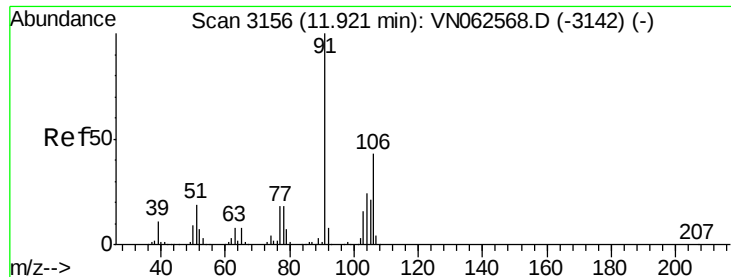
106 100

91 218.5 171.4 257.2



Abundance Ion 106.00 (105.70 to 106.70): VN062568.D (-3039) (-)

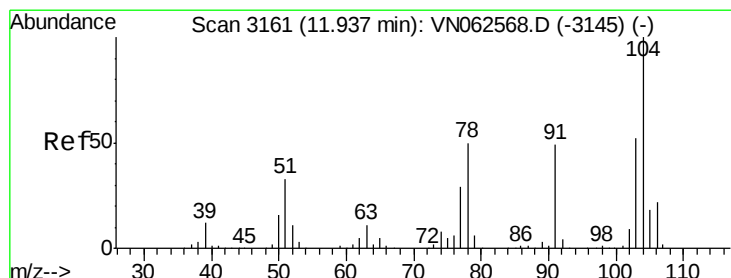
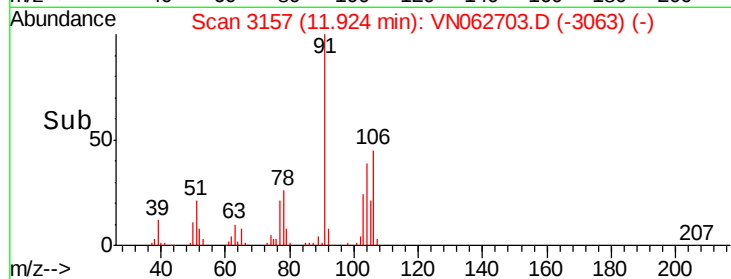
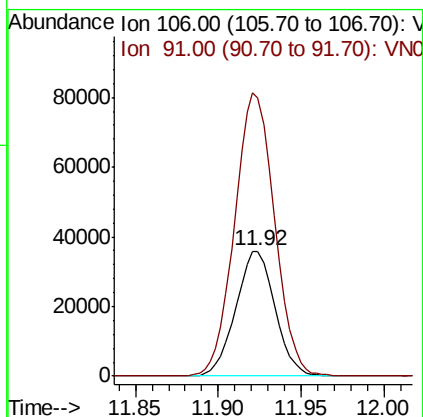
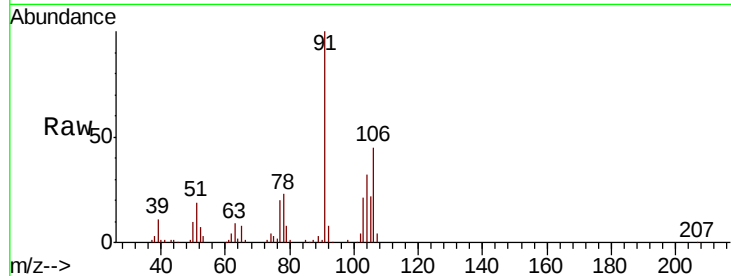




#69
o-Xylene
Concen: 19.437 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

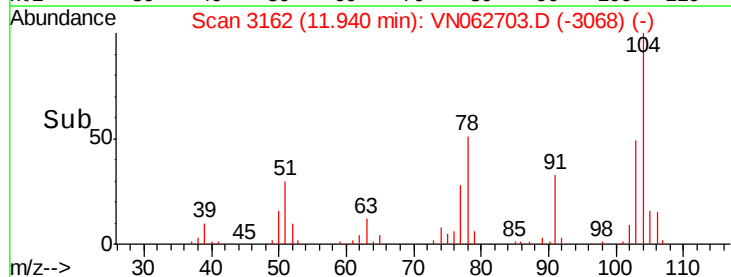
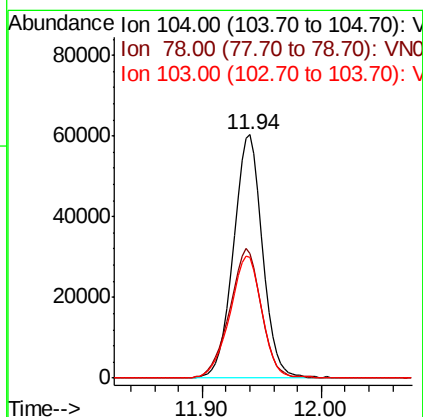
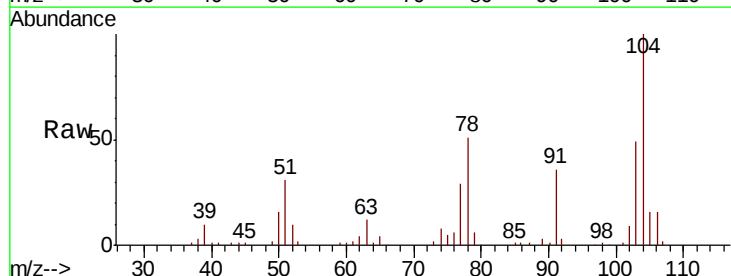
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

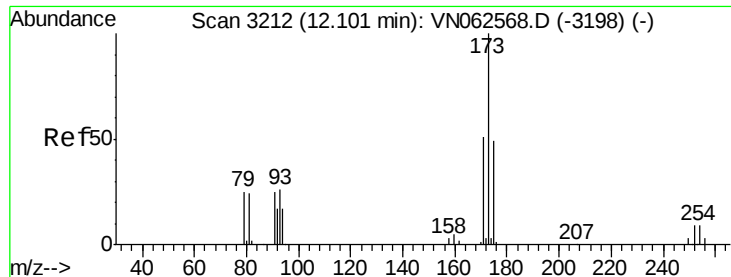
Tot Ion:106 Resp: 59124
Ion Ratio Lower Upper
106 100
91 230.4 113.8 341.2



#70
Styrene
Concen: 19.918 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion:104 Resp: 102342
Ion Ratio Lower Upper
104 100
78 57.9 43.8 65.6
103 55.3 44.0 66.0





#71

Bromoform

Concen: 20.611 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

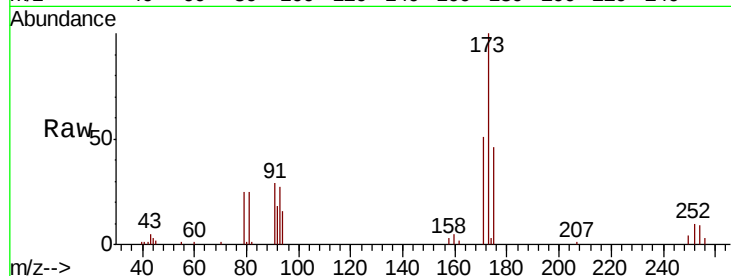
Tot Ion:173 Resp: 28297

Ion Ratio Lower Upper

173 100

175 47.4 24.1 72.2

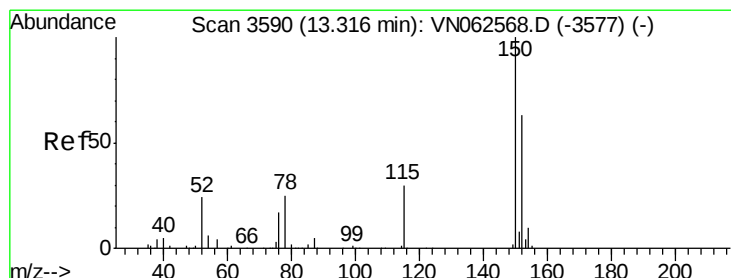
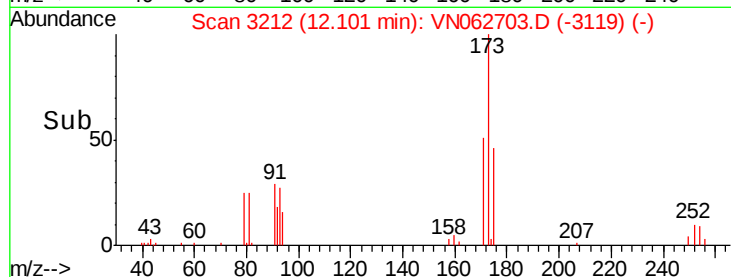
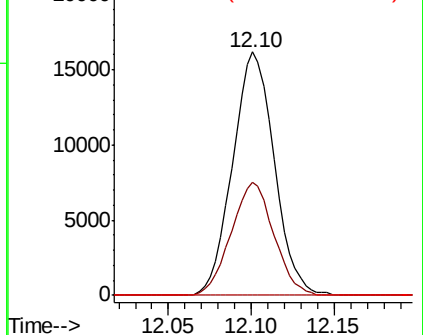
254 0.0 0.0 0.0



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: VN062703.D

Acq: 31 Jul 2020 23:09

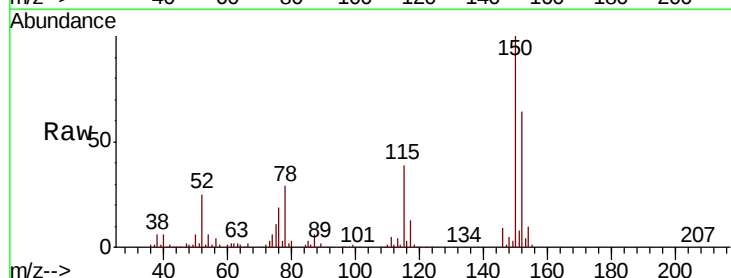
Tgt Ion:152 Resp: 110577

Ion Ratio Lower Upper

152 100

115 63.2 31.8 95.4

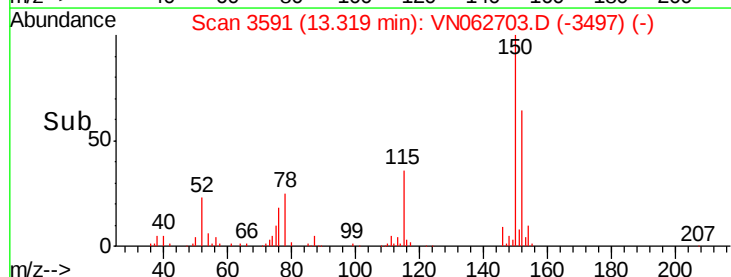
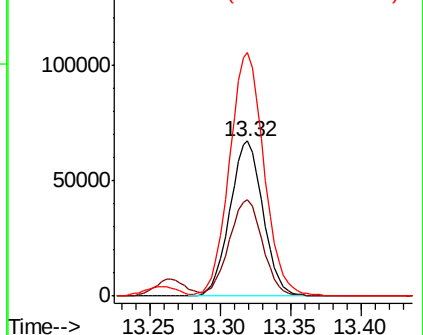
150 163.1 0.0 351.4

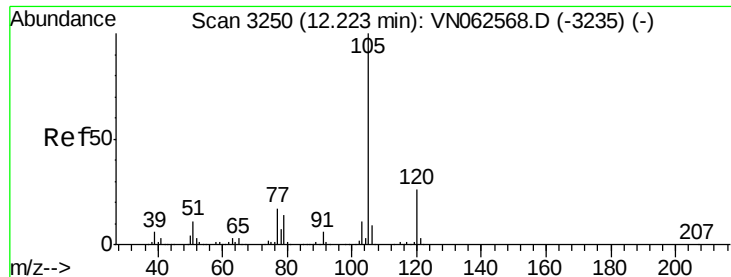


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.794 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

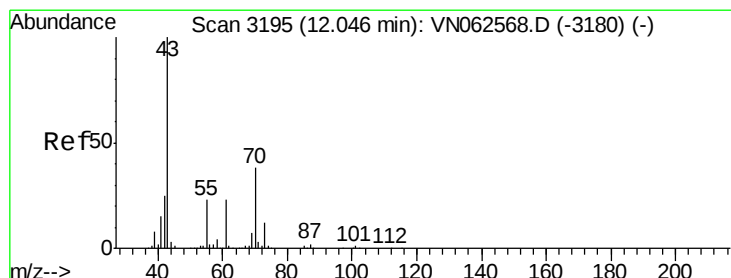
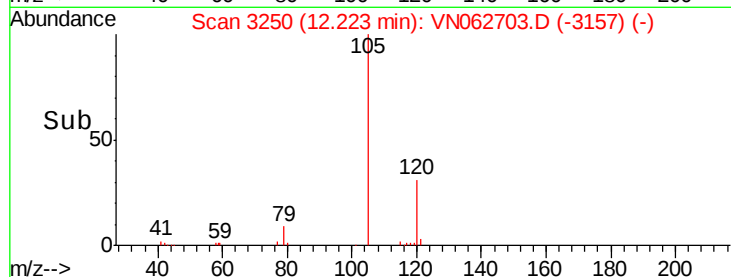
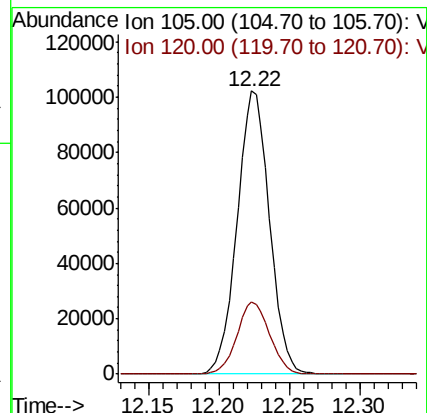
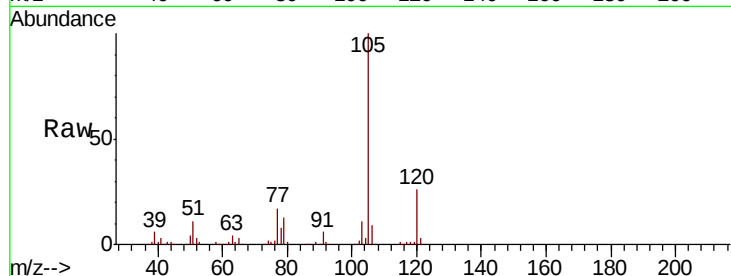
VN0731WBSD02

Tot Ion:105 Resp: 164320

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 17.874 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Tgt Ion: 43 Resp: 69793

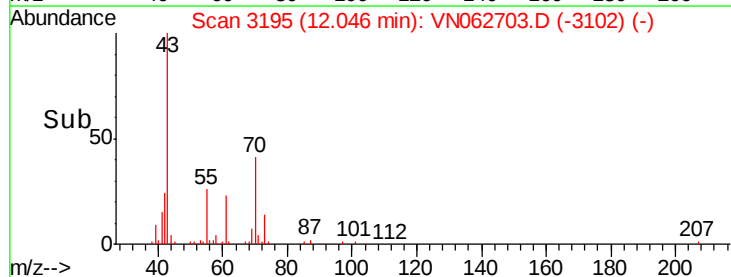
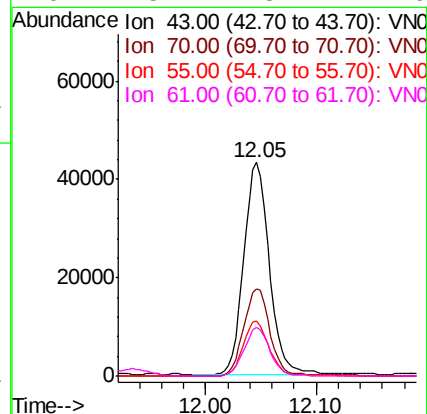
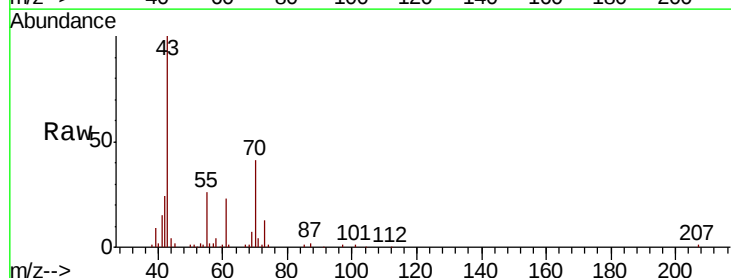
Ion Ratio Lower Upper

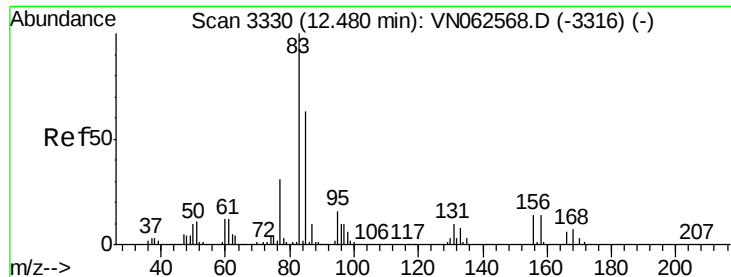
43 100

70 41.6 30.5 45.7

55 25.5 19.0 28.6

61 23.1 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.057 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

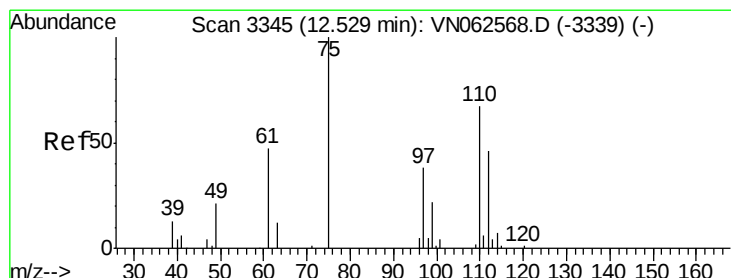
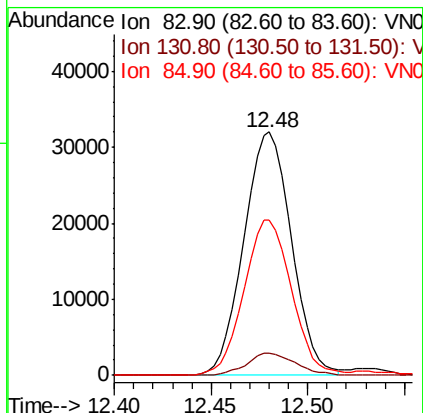
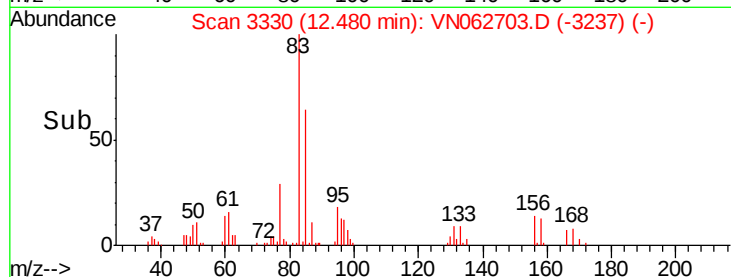
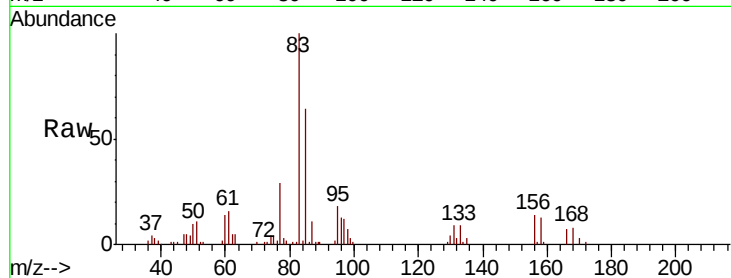
Tot Ion: 83 Resp: 54862

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 25.813 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062703.D

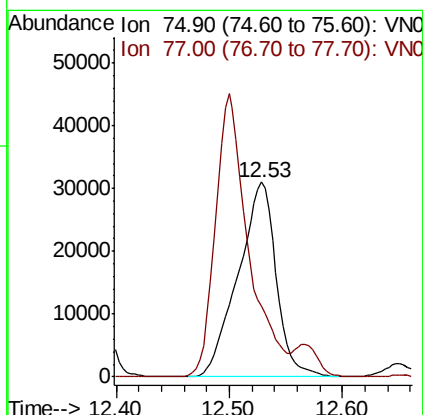
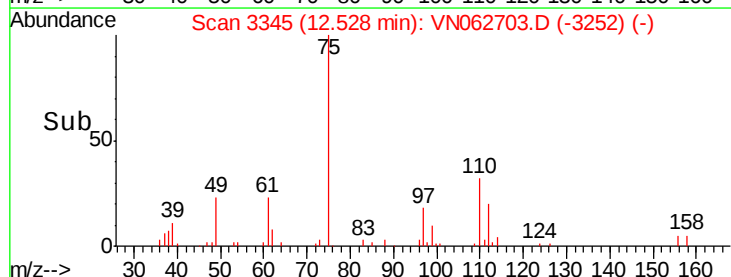
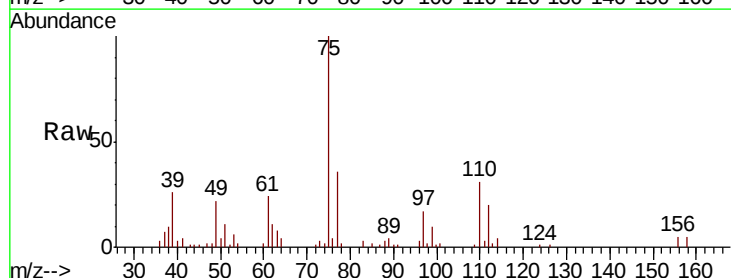
Acq: 31 Jul 2020 23:09

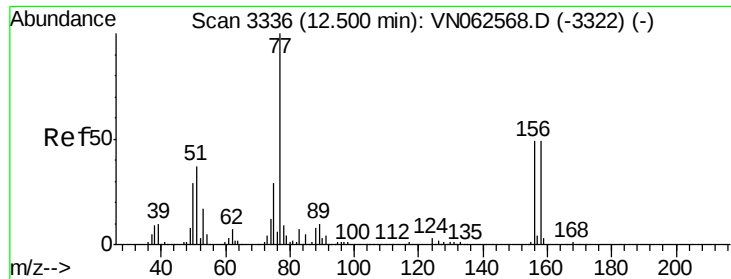
Tgt Ion: 75 Resp: 72653

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.097 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

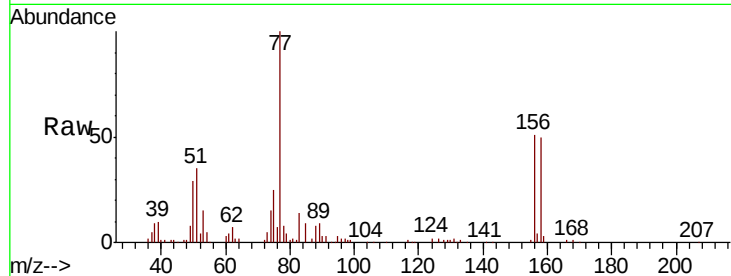
Tot Ion:156 Resp: 40127

Ion Ratio Lower Upper

156 100

77 228.8 122.8 368.3

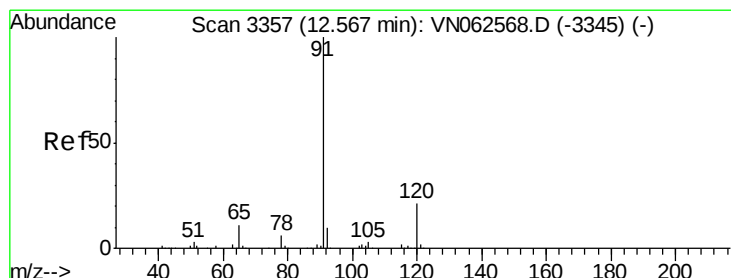
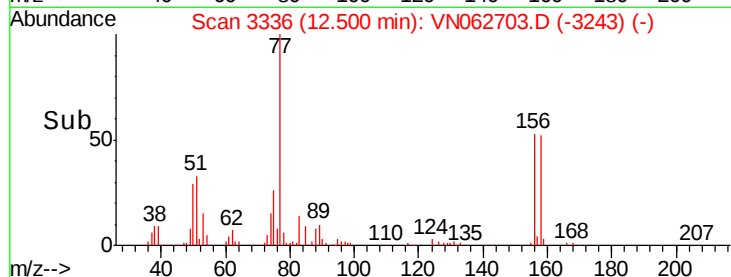
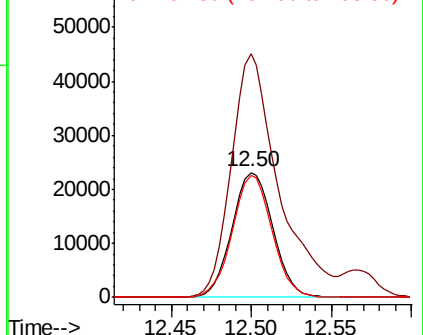
158 94.7 49.4 148.0



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: 18.719 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062703.D

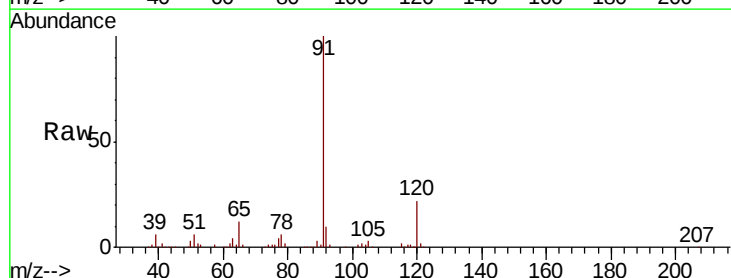
Acq: 31 Jul 2020 23:09

Tgt Ion: 91 Resp: 191715

Ion Ratio Lower Upper

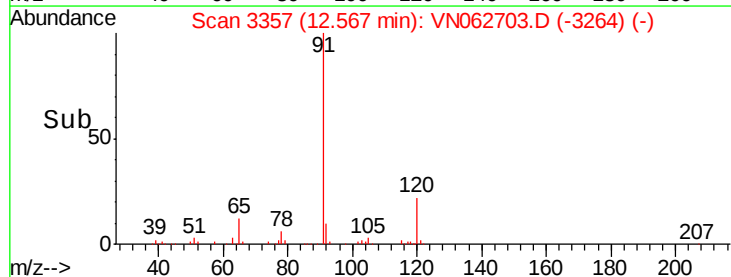
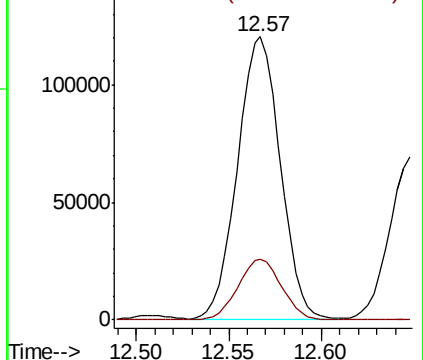
91 100

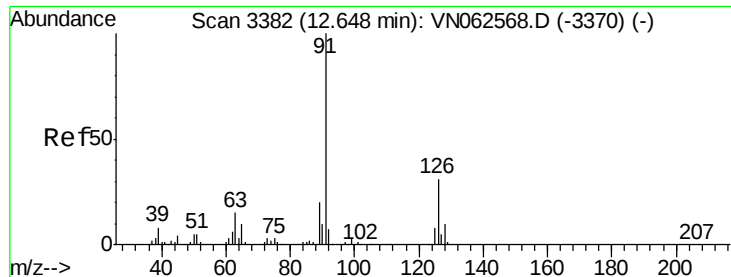
120 21.9 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

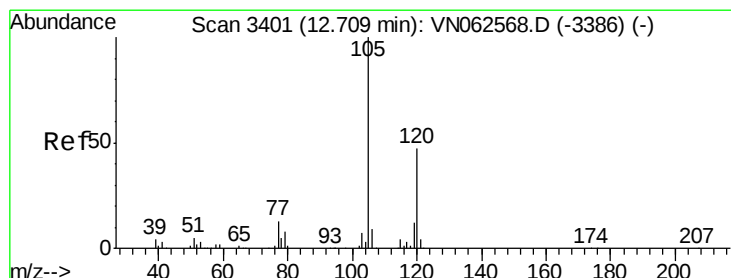
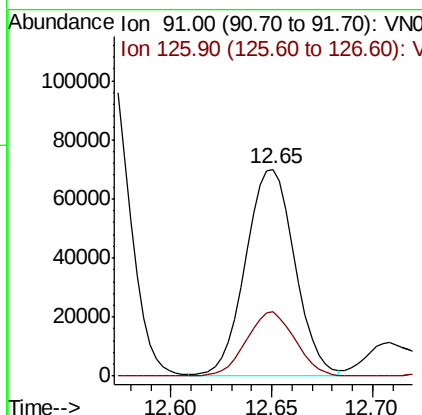
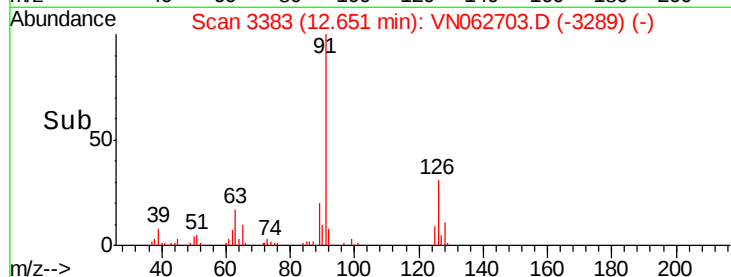
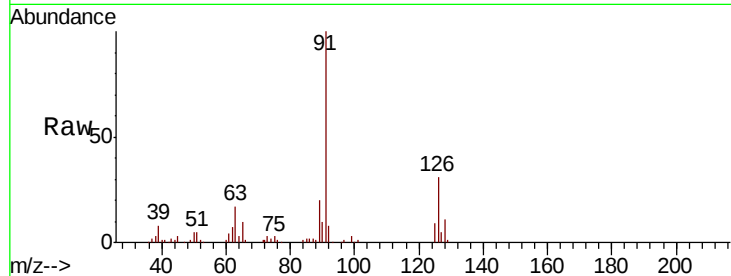




#79
 2-Chlorotoluene
 Concen: 18.783 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

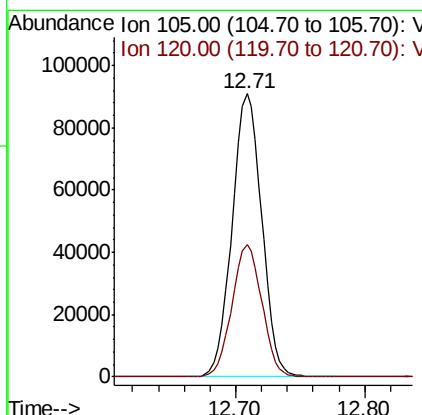
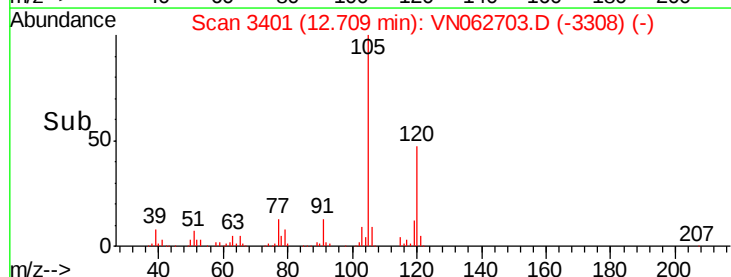
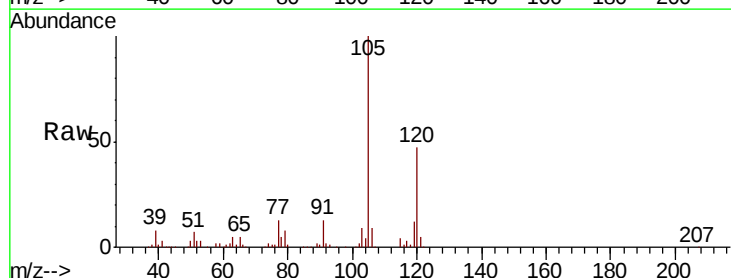
Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBSD02

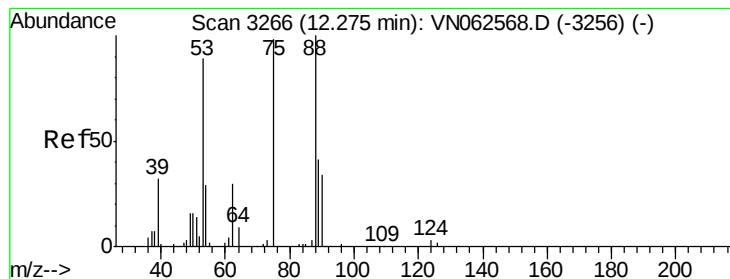
Tot Ion: 91 Resp: 118552
 Ion Ratio Lower Upper
 91 100
 126 31.0 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.010 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion: 105 Resp: 145127
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.445 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

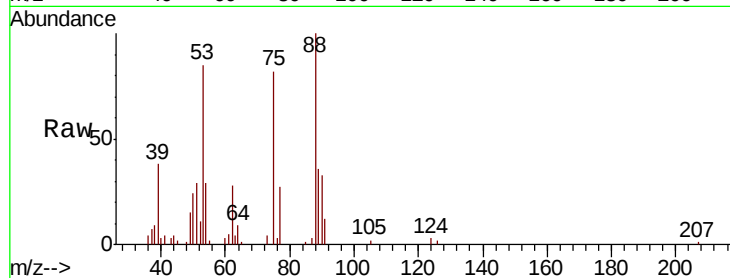
Tot Ion: 75 Resp: 17638

Ion Ratio Lower Upper

75 100

53 101.5 75.4 113.0

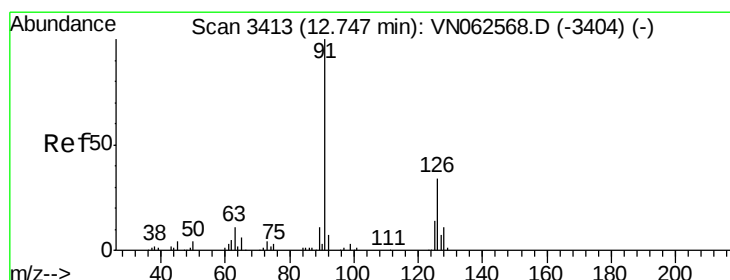
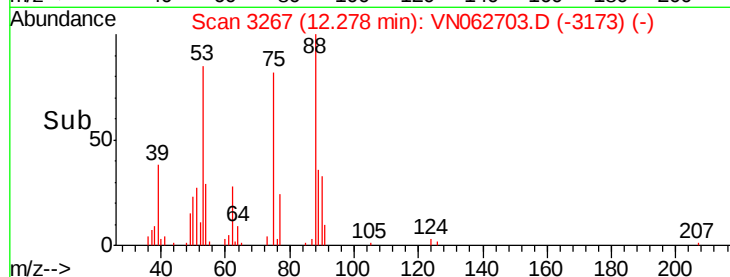
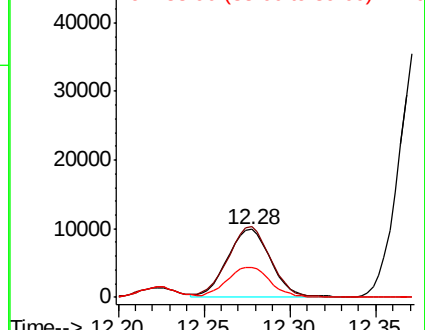
89 43.7 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.313 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062703.D

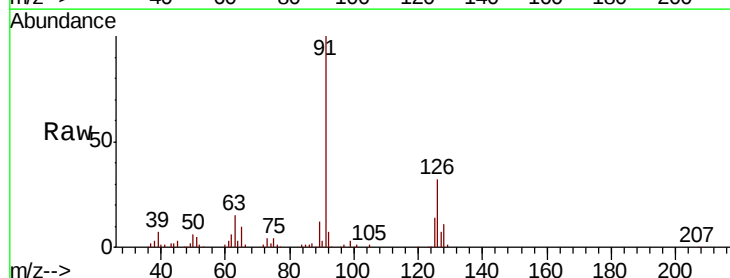
Acq: 31 Jul 2020 23:09

Tgt Ion: 91 Resp: 120315

Ion Ratio Lower Upper

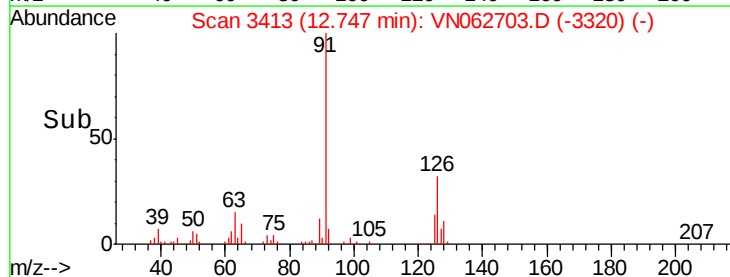
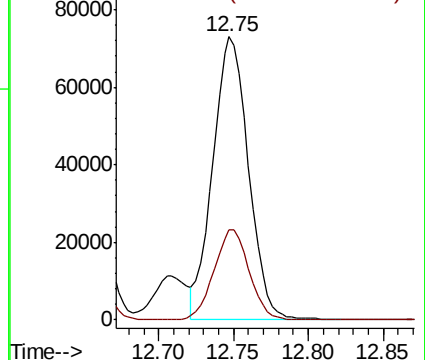
91 100

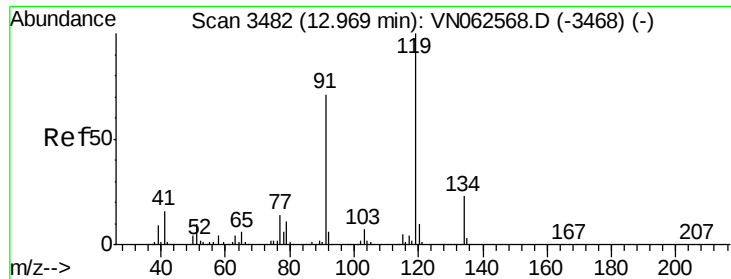
126 31.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

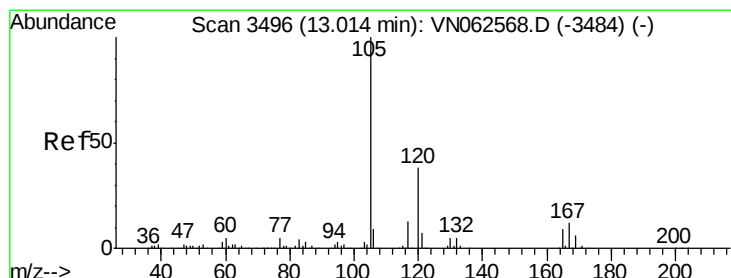
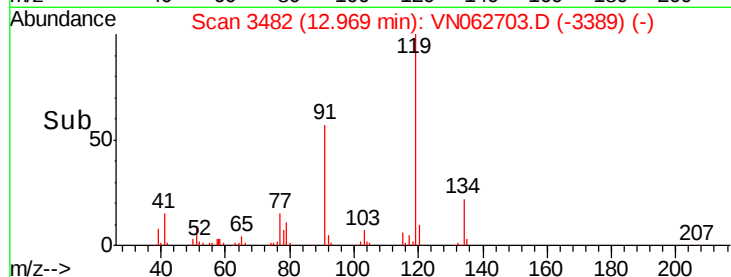
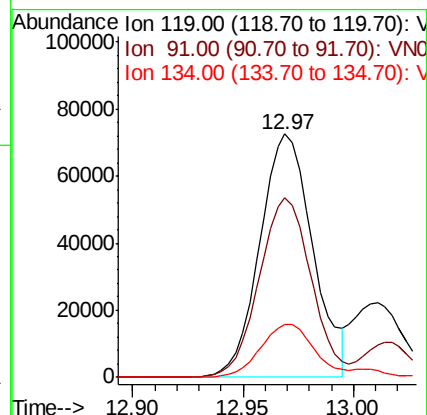
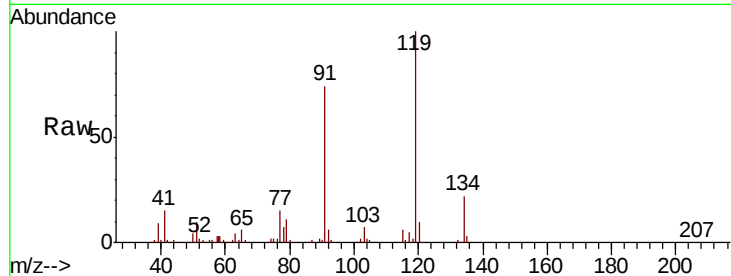




#83
tert-Butylbenzene
Concen: 20.012 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

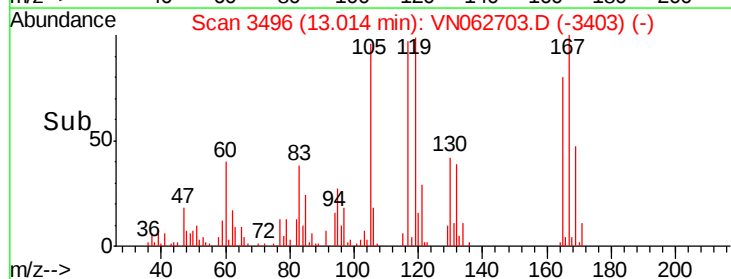
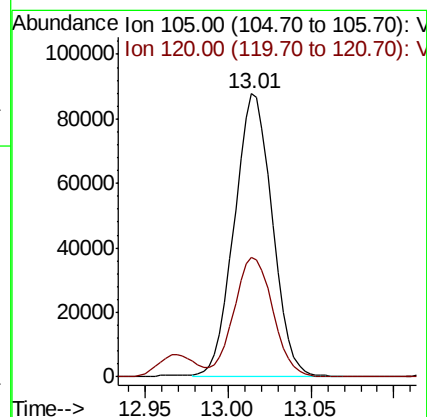
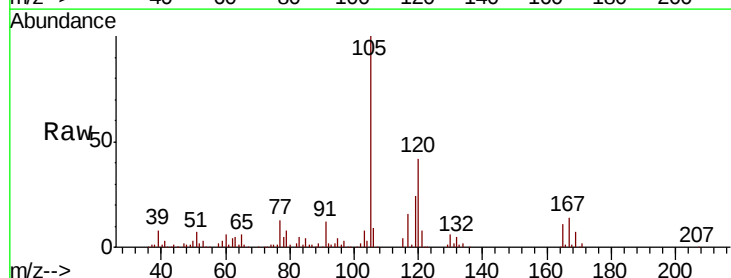
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

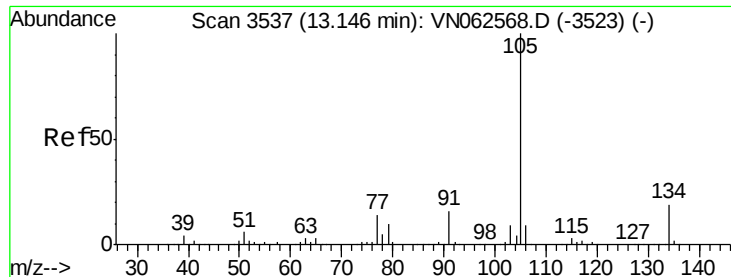
Tot Ion:119 Resp: 120522
Ion Ratio Lower Upper
119 100
91 73.0 34.6 103.8
134 22.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 19.546 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion:105 Resp: 139068
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.3

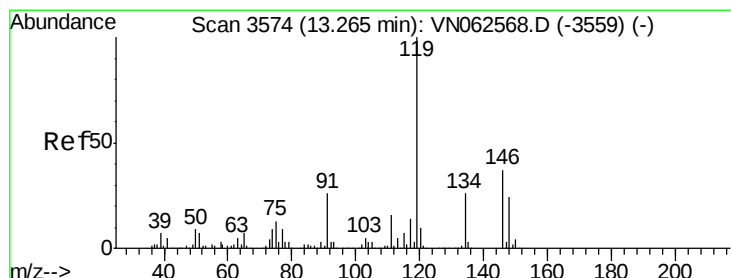
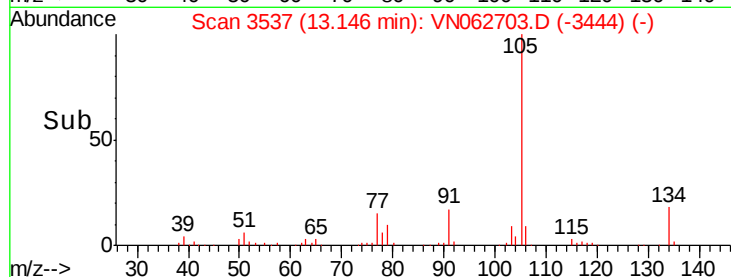
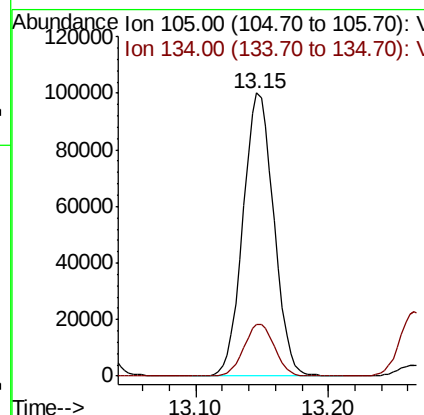
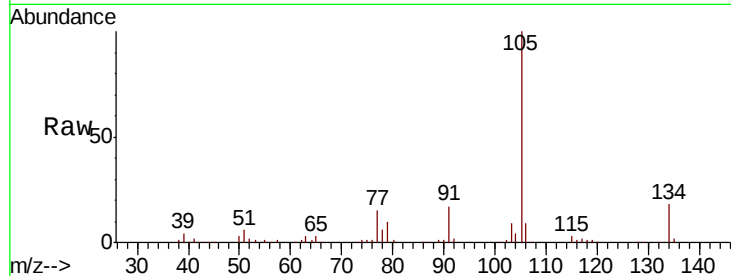




#85
 sec-Butylbenzene
 Concen: 20.033 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

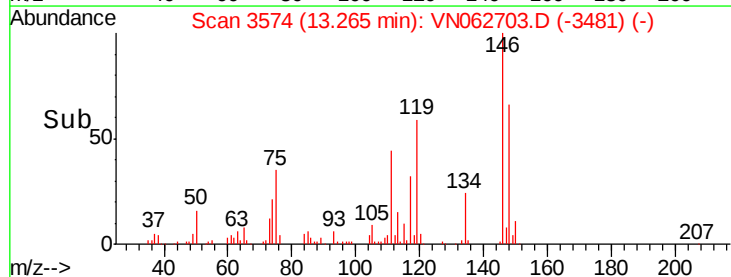
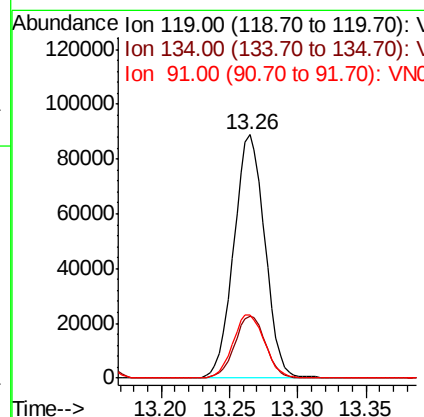
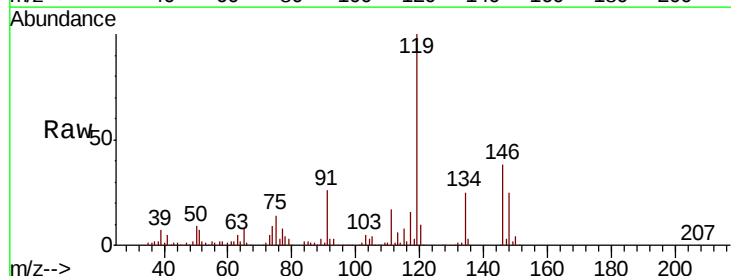
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0731WBSD02

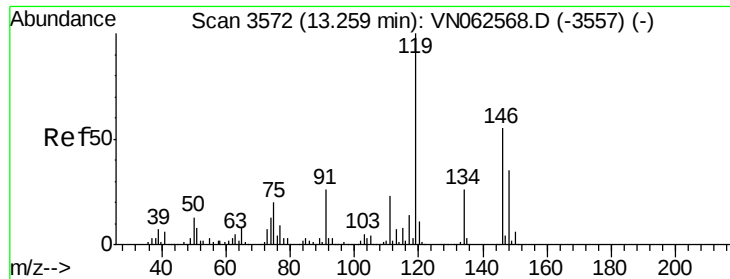
Tot Ion:105 Resp: 161517
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 20.230 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion:119 Resp: 140283
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 26.6 12.7 38.1

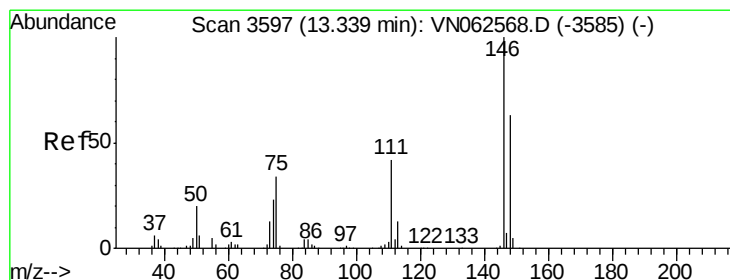
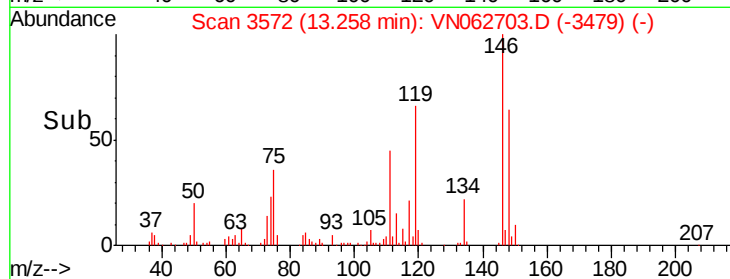
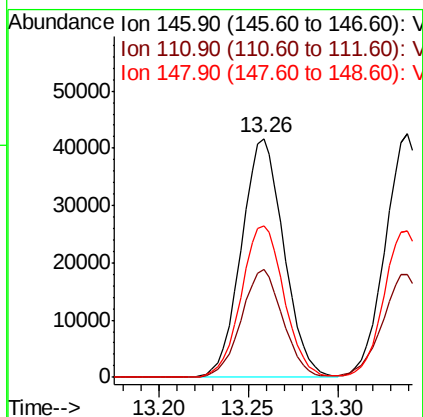
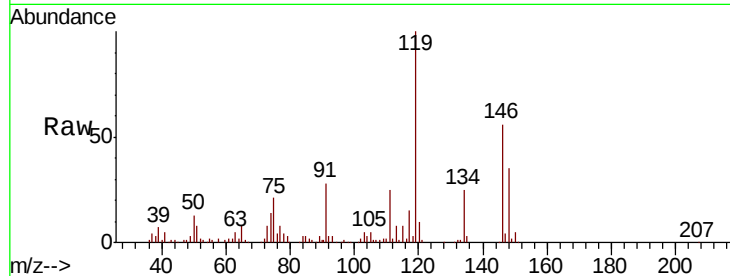




#87
 1,3-Dichlorobenzene
 Concen: 18.800 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

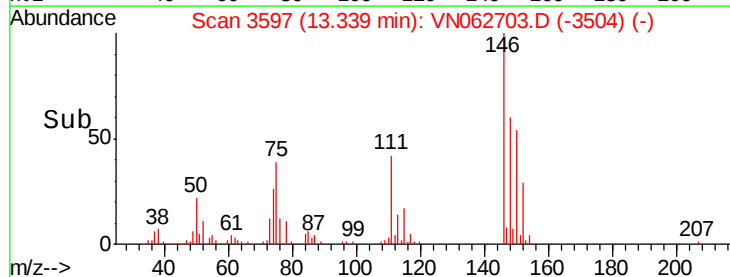
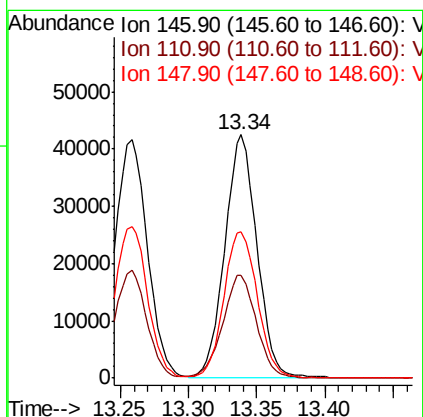
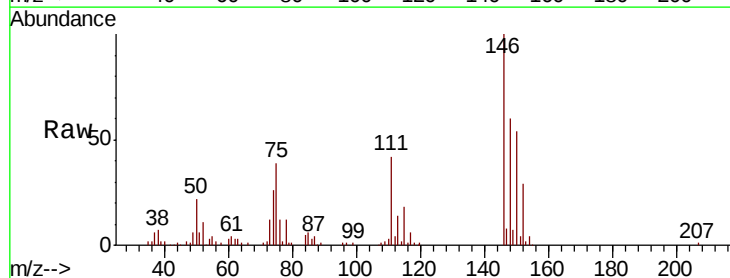
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Tot Ion:146 Resp: 69322
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.6 64.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.208 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion:146 Resp: 69720
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.1 63.1
 148 62.8 31.6 94.8

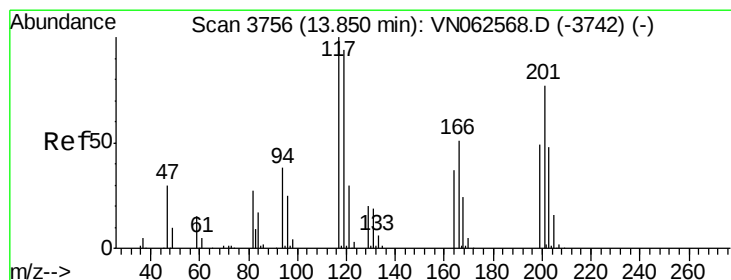
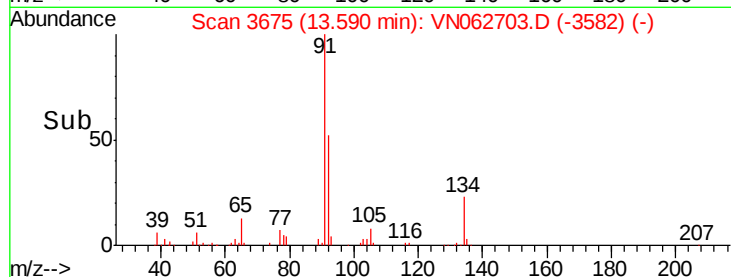
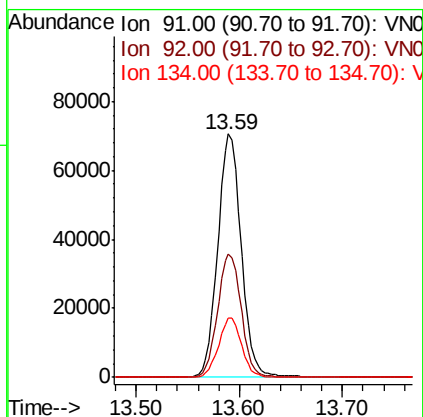
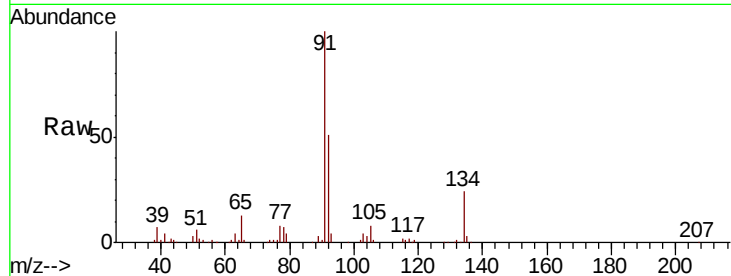




#89
n-Butylbenzene
Concen: 18.774 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

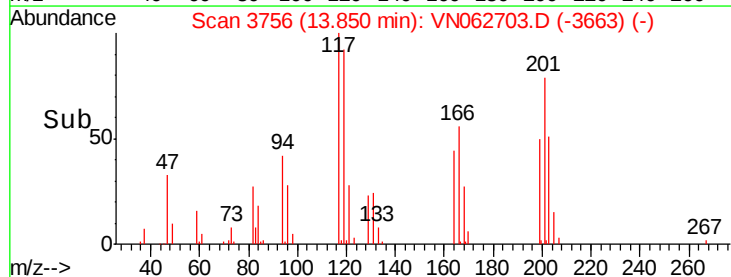
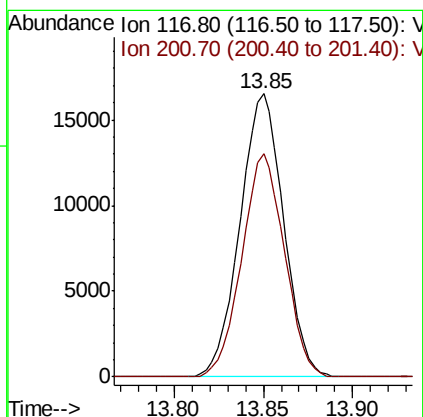
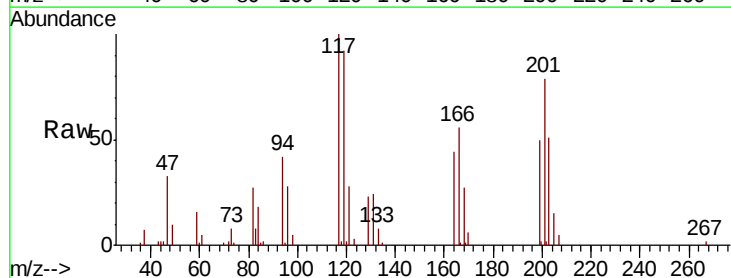
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

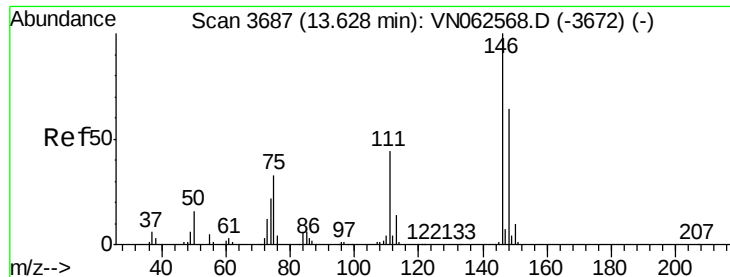
Tot Ion: 91 Resp: 111863
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 24.0 11.8 35.3



#90
Hexachloroethane
Concen: 19.144 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion: 117 Resp: 28260
Ion Ratio Lower Upper
117 100
201 76.9 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 18.835 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBSD02

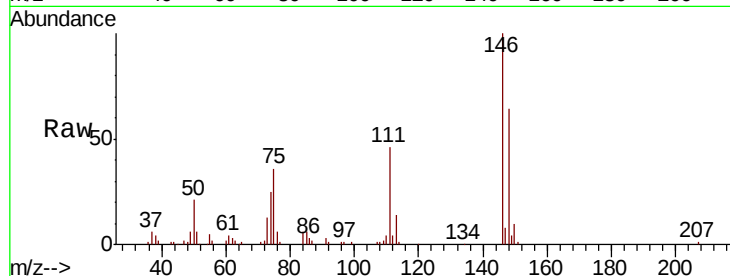
Tot Ion:146 Resp: 66407

Ion Ratio Lower Upper

146 100

111 46.8 21.9 65.8

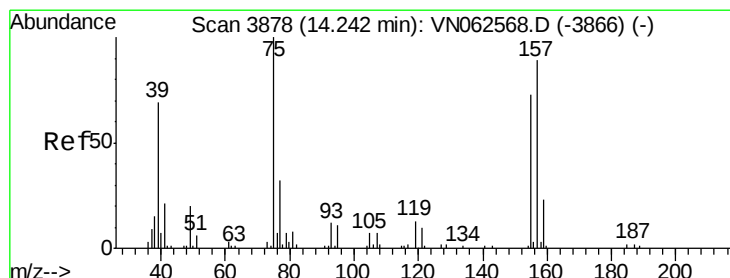
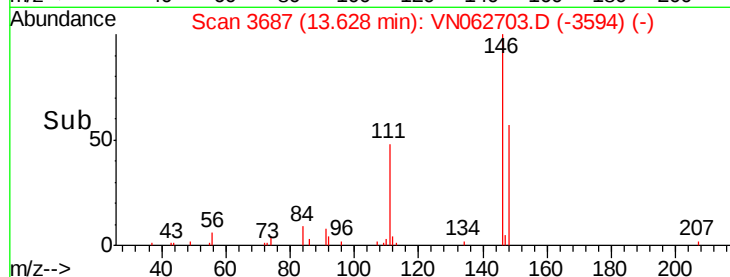
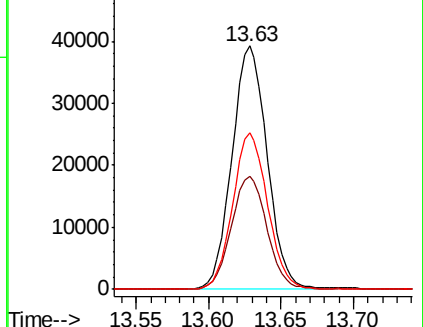
148 63.3 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.816 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062703.D

Acq: 31 Jul 2020 23:09

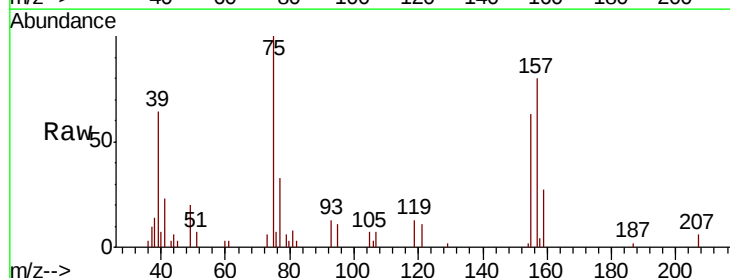
Tgt Ion: 75 Resp: 11483

Ion Ratio Lower Upper

75 100

155 62.5 35.9 107.5

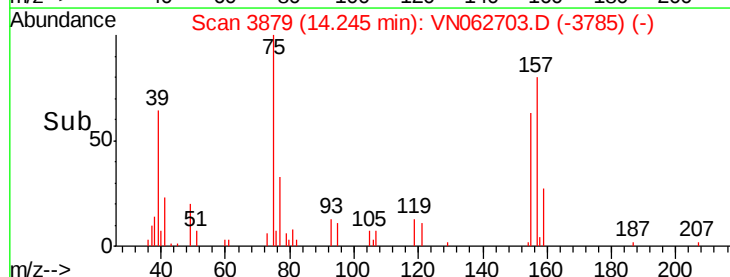
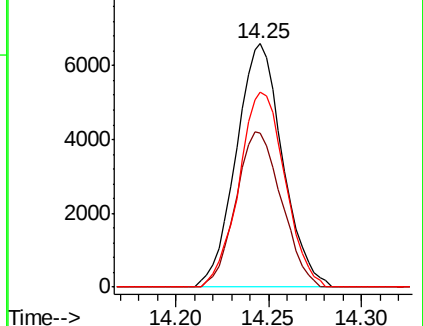
157 79.2 45.0 135.0

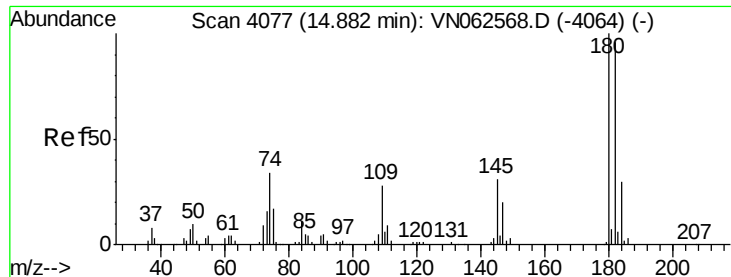


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

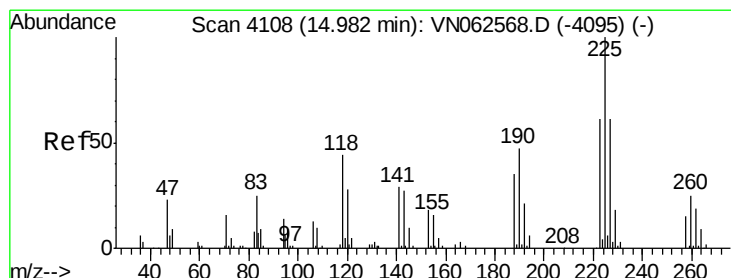
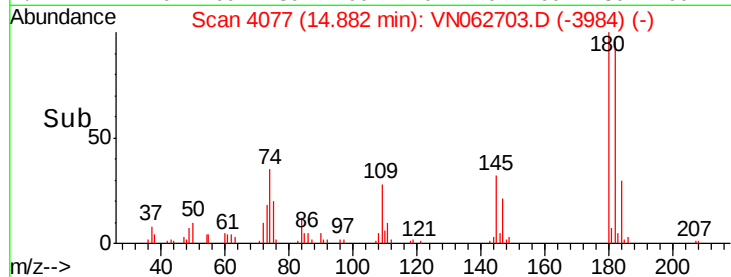
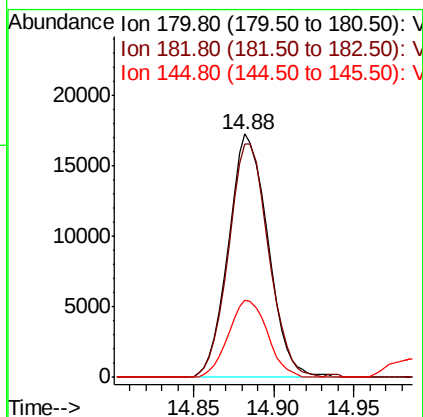
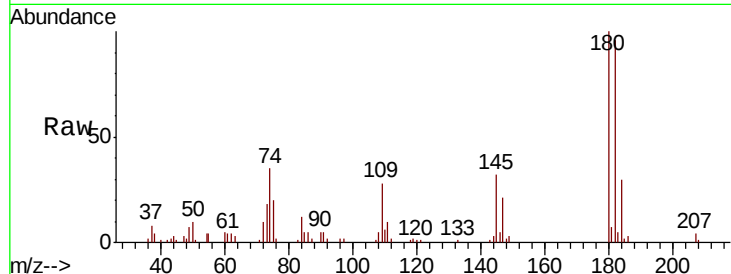




#93
 1,2,4-Trichlorobenzene
 Concen: 17.782 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

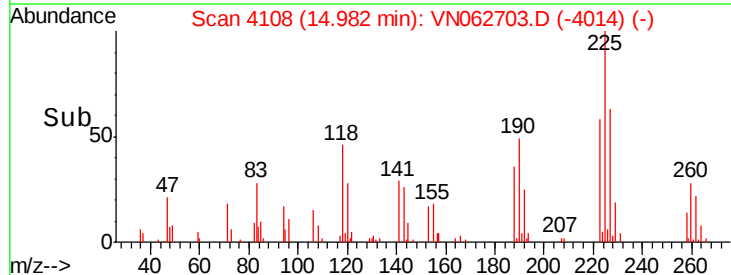
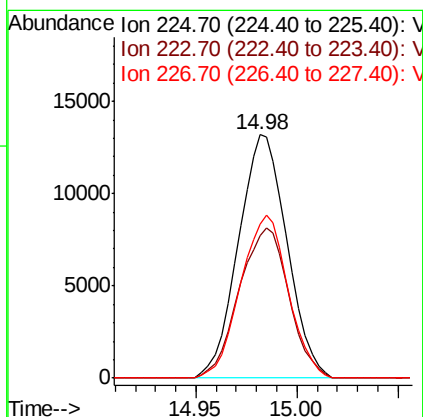
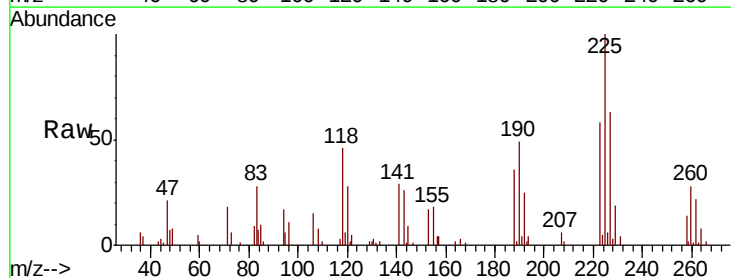
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

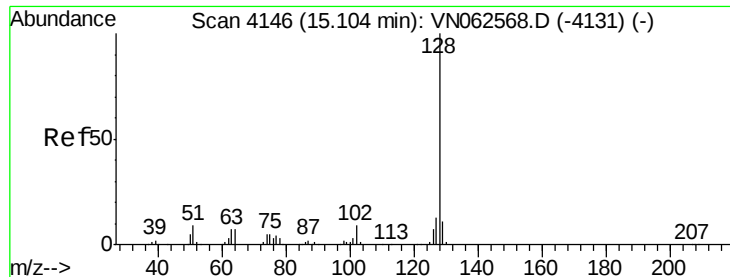
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.3
145	31.2	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 23.044 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062703.D
 Acq: 31 Jul 2020 23:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.0	96.0
227	65.6	31.1	93.2

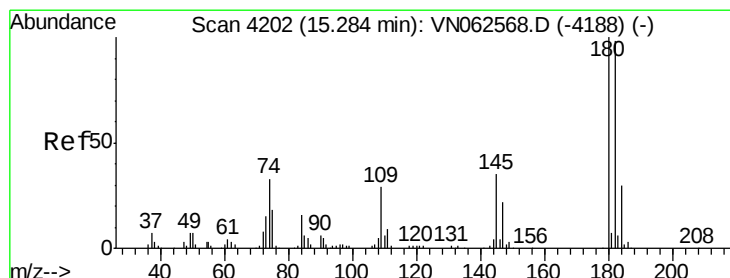
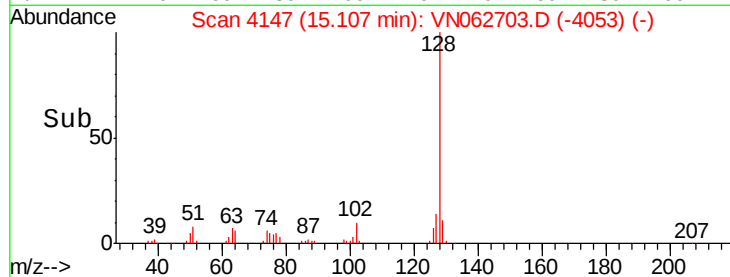
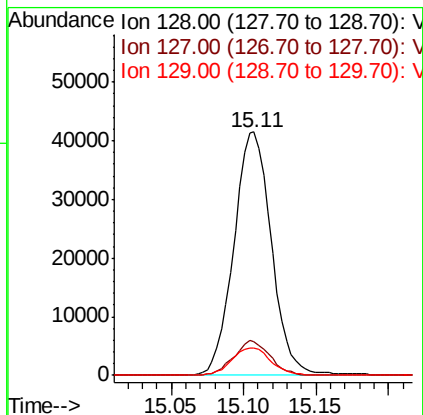
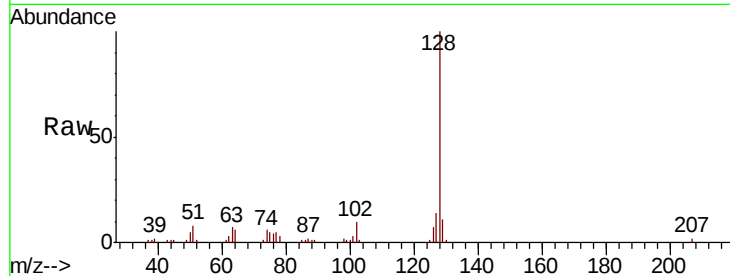




#95
Naphthalene
Concen: 17.797 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Tot Ion:128 Resp: 74634
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.664 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062703.D
Acq: 31 Jul 2020 23:09

Tgt Ion:180 Resp: 31012
Ion Ratio Lower Upper
180 100
182 96.3 48.1 144.3
145 33.2 16.7 50.1

