

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062373.D
 Acq On : 6 Jul 2020 19:31
 Operator : JC/MD
 Sample : VN0706WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Quant Time: Jul 07 05:19:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1134187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1894613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1755552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	791674	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	1029316	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	678093	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
50) Toluene-d8	10.06	98	2515983	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	914631	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	245289	19.111	ug/l	97
3) Chloromethane	2.04	50	358513	18.802	ug/l	98
4) Vinyl Chloride	2.16	62	302764	18.595	ug/l	100
5) Bromomethane	2.53	94	178497	21.140	ug/l	94
6) Chloroethane	2.67	64	182454	19.275	ug/l	97
7) Trichlorofluoromethane	2.98	101	429148	19.096	ug/l	96
8) Diethyl Ether	3.38	74	170595	19.648	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	232092	18.483	ug/l	98
10) Methyl Iodide	3.91	142	284428	18.865	ug/l	96
11) Tert butyl alcohol	4.73	59	296308	104.322	ug/l	97
12) 1,1-Dichloroethene	3.70	96	231780	19.884	ug/l	98
13) Acrolein	3.57	56	102794	85.471	ug/l	98
14) Allyl chloride	4.27	41	567380	19.973	ug/l	96
15) Acrylonitrile	4.93	53	748373	100.320	ug/l	100
16) Acetone	3.78	43	750533	79.350	ug/l	99
17) Carbon Disulfide	4.01	76	685031	18.560	ug/l	98
18) Methyl Acetate	4.28	43	376196	19.625	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	875671	19.629	ug/l	97
20) Methylene Chloride	4.50	84	281547	19.439	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	240117	18.652	ug/l	98
22) Diisopropyl ether	5.91	45	1128814	19.867	ug/l	98
23) Vinyl Acetate	5.84	43	4883955	96.932	ug/l	98
24) 1,1-Dichloroethane	5.80	63	557090	19.785	ug/l	98
25) 2-Butanone	6.79	43	1135485	95.328	ug/l	99
26) 2,2-Dichloropropane	6.78	77	435123	18.761	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	288025	19.532	ug/l	99
28) Bromochloromethane	7.15	49	329070	20.914	ug/l	99
29) Tetrahydrofuran	7.17	42	764529	100.985	ug/l	100
30) Chloroform	7.33	83	524104	19.127	ug/l	98
31) Cyclohexane	7.62	56	499846	19.213	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	448873	19.495	ug/l	99
36) 1,1-Dichloropropene	7.75	75	379728	19.074	ug/l	99
37) Ethyl Acetate	6.88	43	482118	20.413	ug/l	98
38) Carbon Tetrachloride	7.73	117	394791	19.720	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062373.D
 Acq On : 6 Jul 2020 19:31
 Operator : JC/MD
 Sample : VN0706WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Quant Time: Jul 07 05:19:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	400493	18.707	ug/l	95
40) Benzene	8.00	78	1145414	20.253	ug/l	99
41) Methacrylonitrile	7.13	41	227683	19.098	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	492832	19.778	ug/l	99
43) Isopropyl Acetate	8.13	43	792524	20.077	ug/l	98
44) Trichloroethene	8.80	130	261478	19.339	ug/l	99
45) 1,2-Dichloropropane	9.09	63	328623	19.823	ug/l	100
46) Dibromomethane	9.18	93	201197	19.609	ug/l	98
47) Bromodichloromethane	9.37	83	424006	19.388	ug/l	99
48) Methyl methacrylate	9.17	41	396817	19.695	ug/l	98
49) 1,4-Dioxane	9.17	88	107673	393.510	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	2429849	97.661	ug/l	96
52) Toluene	10.13	92	674255	19.937	ug/l	97
53) t-1,3-Dichloropropene	10.36	75	453131	19.256	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	494177	19.681	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	261798	19.318	ug/l	97
56) Ethyl methacrylate	10.40	69	428589	19.635	ug/l	98
57) 1,3-Dichloropropane	10.68	76	501521	19.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	767060	97.703	ug/l	99
59) 2-Hexanone	10.72	43	1755547	109.727	ug/l	96
60) Dibromochloromethane	10.87	129	303006	19.633	ug/l	99
61) 1,2-Dibromoethane	10.98	107	274199	19.708	ug/l	98
64) Tetrachloroethene	10.60	164	215373	19.067	ug/l	99
65) Chlorobenzene	11.41	112	708217	19.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	274454	20.272	ug/l	98
67) Ethyl Benzene	11.48	91	1320280	20.766	ug/l	99
68) m/p-Xylenes	11.60	106	936187	40.061	ug/l	94
69) o-Xylene	11.92	106	455784	19.829	ug/l	100
70) Styrene	11.94	104	761133	20.039	ug/l	99
71) Bromoform	12.10	173	198830	18.704	ug/l	99
73) Isopropylbenzene	12.22	105	1255558	19.844	ug/l	100
74) N-amyl acetate	12.05	43	653432	20.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	406777	19.860	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	551124	28.821	ug/l #	100
77) Bromobenzene	12.50	156	286057	20.668	ug/l	97
78) n-propylbenzene	12.57	91	1455772	19.503	ug/l	100
79) 2-Chlorotoluene	12.65	91	879747	20.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1035872	21.032	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	129498	19.366	ug/l	99
82) 4-Chlorotoluene	12.75	91	893946	20.556	ug/l	100
83) tert-Butylbenzene	12.97	119	872046	20.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1018572	20.921	ug/l	99
85) sec-Butylbenzene	13.15	105	1160927	21.714	ug/l	99
86) p-Isopropyltoluene	13.26	119	1021645	21.202	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	500583	20.095	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	500703	19.450	ug/l	98
89) n-Butylbenzene	13.59	91	835264	20.074	ug/l	100
90) Hexachloroethane	13.85	117	200459	19.455	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	491204	20.590	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	78861	19.646	ug/l	98

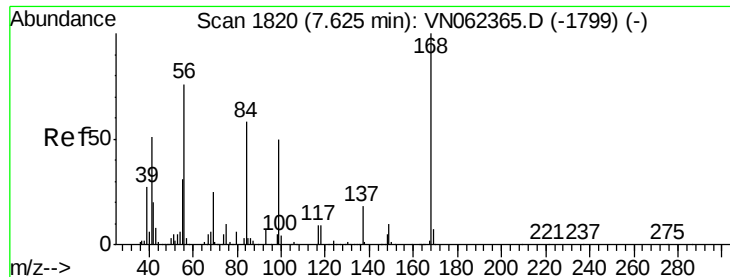
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
Data File : VN062373.D
Acq On : 6 Jul 2020 19:31
Operator : JC/MD
Sample : VN0706WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Quant Time: Jul 07 05:19:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 07 05:08:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	222828	19.341	ug/l	99
94) Hexachlorobutadiene	14.99	225	135528	20.792	ug/l	100
95) Naphthalene	15.10	128	618176	19.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	227955	19.853	ug/l	98

(#) = 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: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

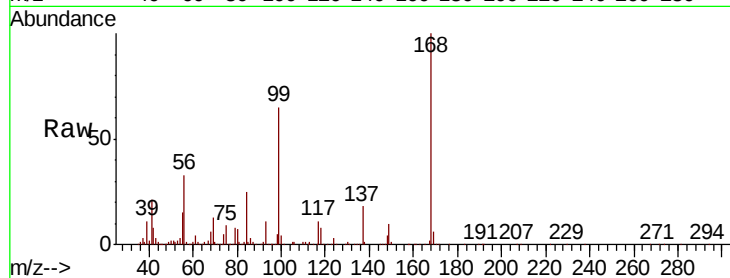
VN0706WBSD01

Tot Ion:168 Resp: 1134187

Ion Ratio Lower Upper

168 100

99 65.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062373.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062373.D (-1727) (-)

7.63

500000

400000

300000

200000

100000

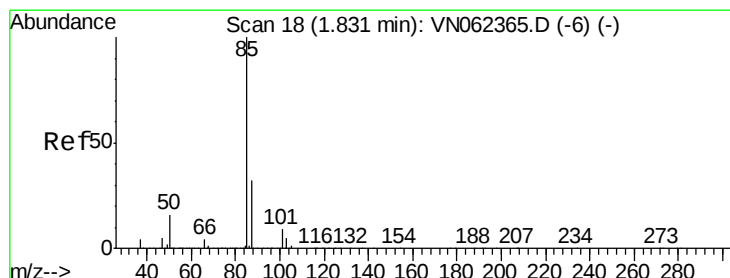
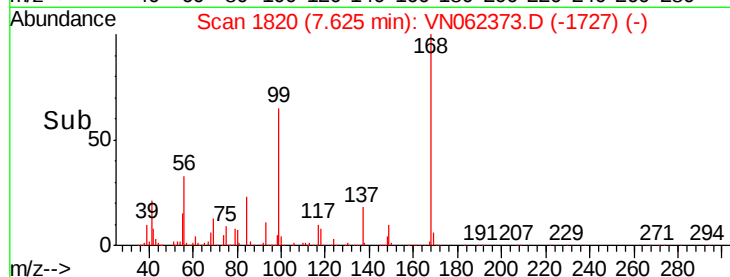
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.111 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062373.D

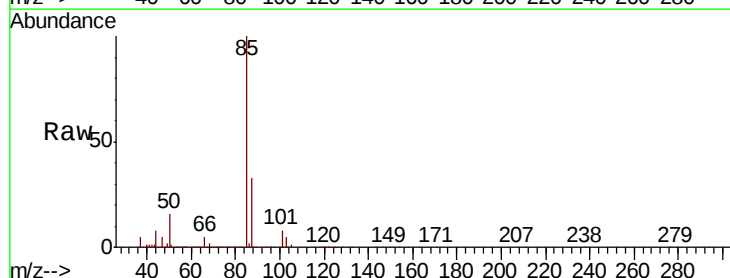
Acq: 6 Jul 2020 19:31

Tgt Ion: 85 Resp: 245289

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN062373.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN062373.D (-1) (-)

1.83

200000

150000

100000

50000

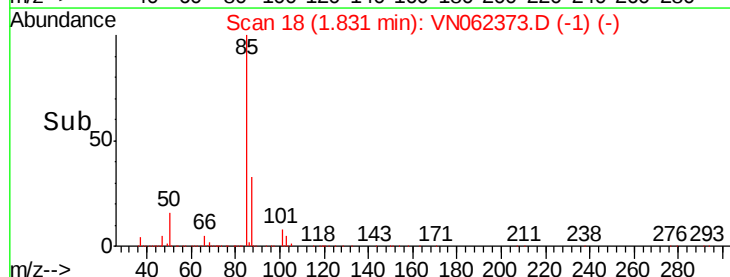
0

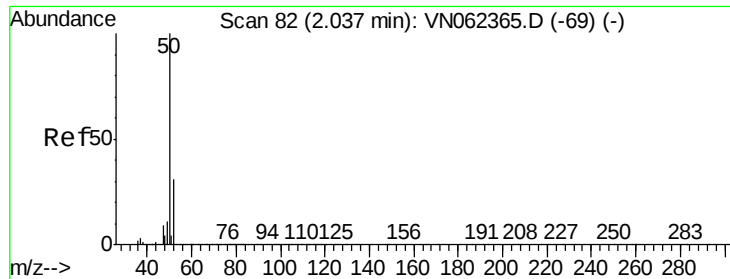
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.802 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

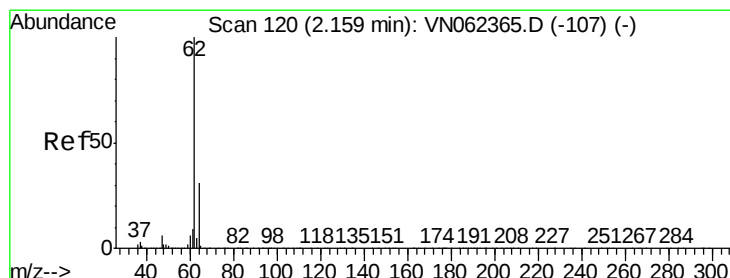
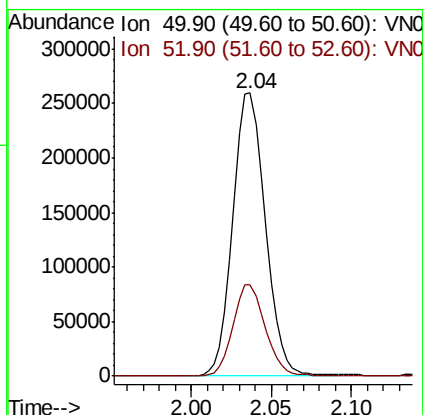
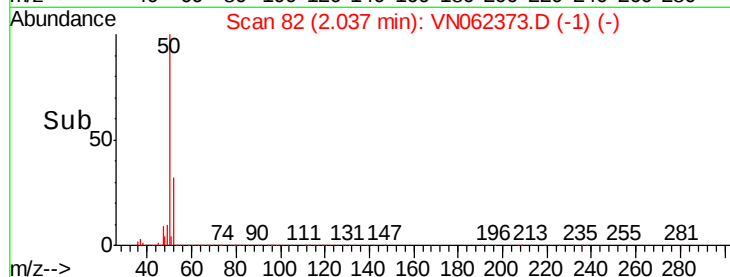
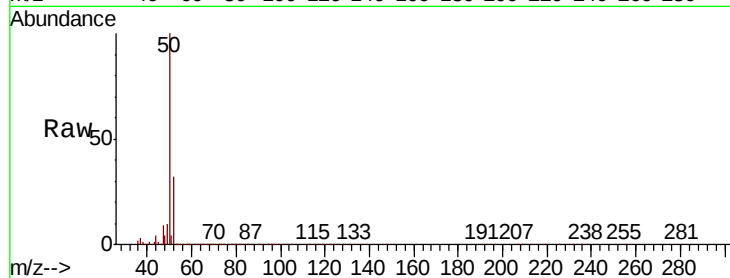
VN0706WBSD01

Tot Ion: 50 Resp: 358513

Ion Ratio Lower Upper

50 100

52 32.1 25.0 37.6



#4

Vinyl Chloride

Concen: 18.595 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062373.D

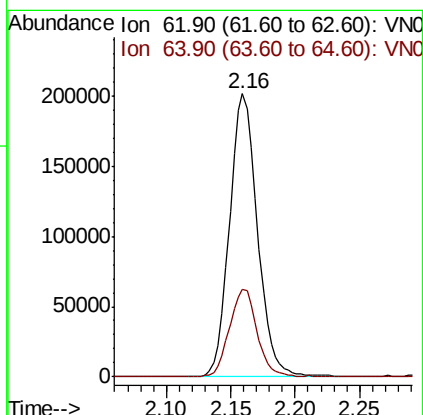
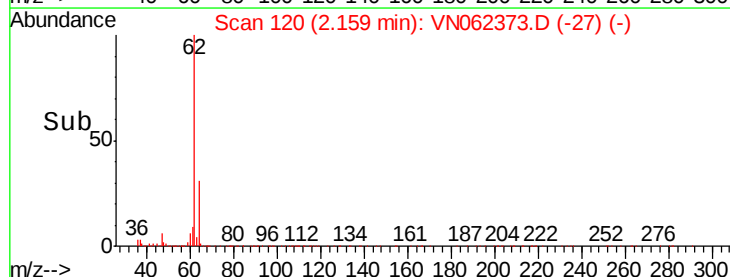
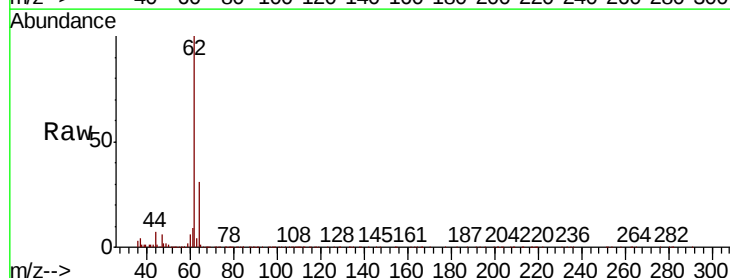
Acq: 6 Jul 2020 19:31

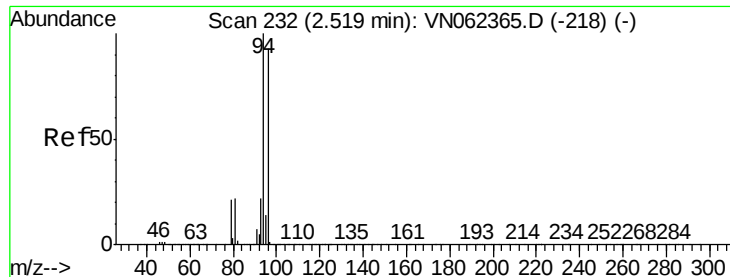
Tgt Ion: 62 Resp: 302764

Ion Ratio Lower Upper

62 100

64 31.0 24.9 37.3





#5

Bromomethane

Concen: 21.140 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

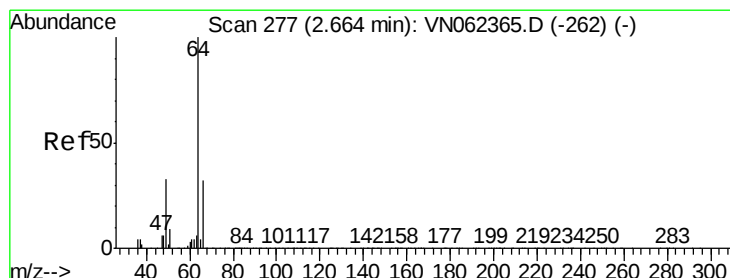
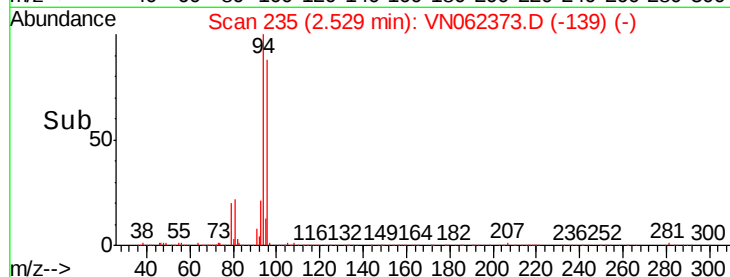
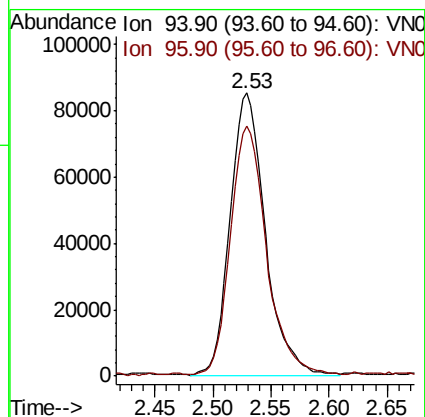
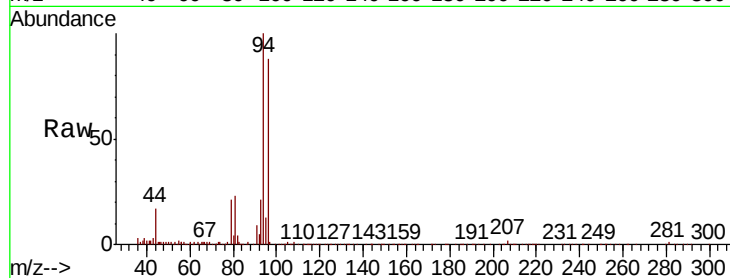
VN0706WBSD01

Tot Ion: 94 Resp: 178497

Ion Ratio Lower Upper

94 100

96 87.8 74.7 112.1



#6

Chloroethane

Concen: 19.275 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062373.D

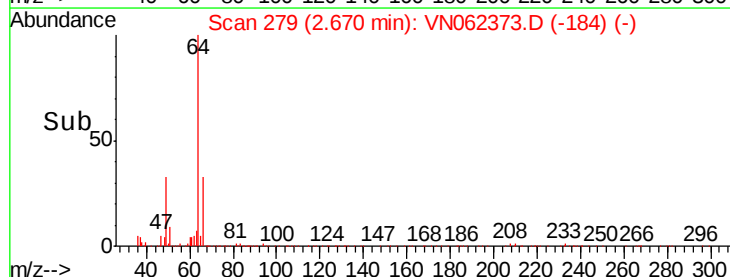
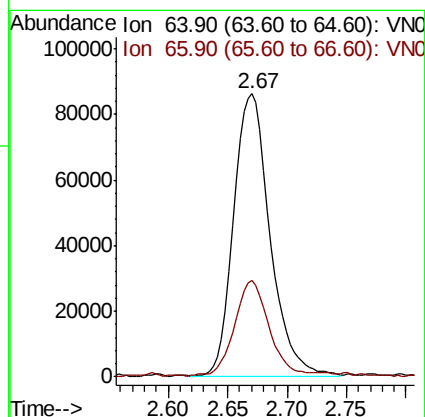
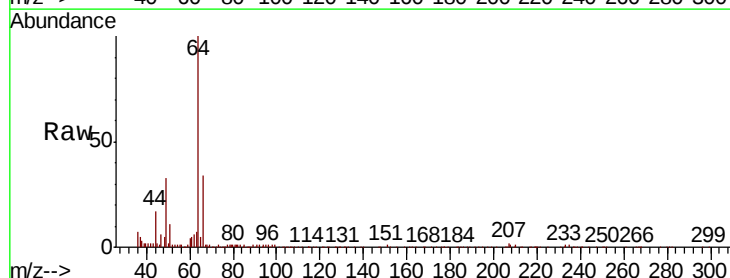
Acq: 6 Jul 2020 19:31

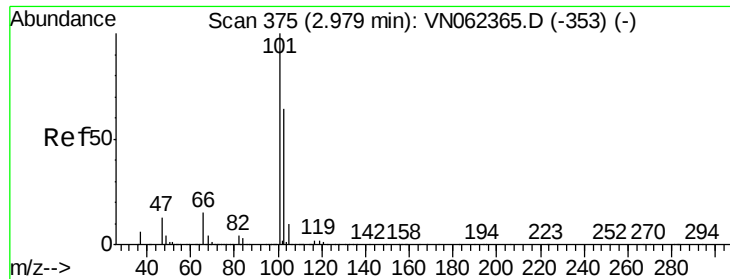
Tgt Ion: 64 Resp: 182454

Ion Ratio Lower Upper

64 100

66 33.5 25.7 38.5



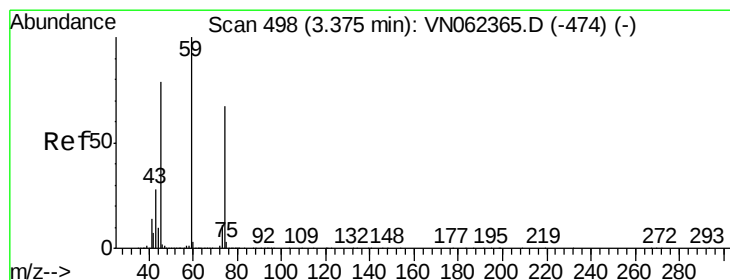
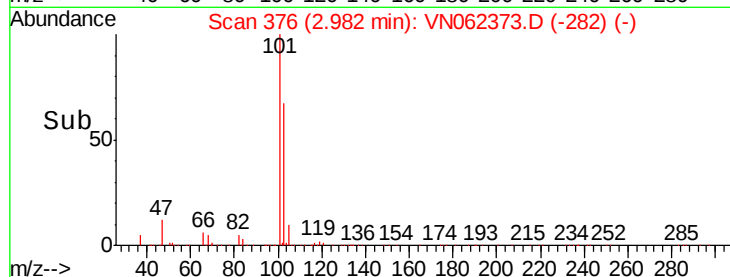
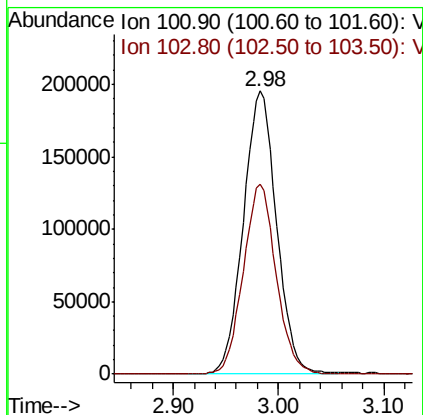
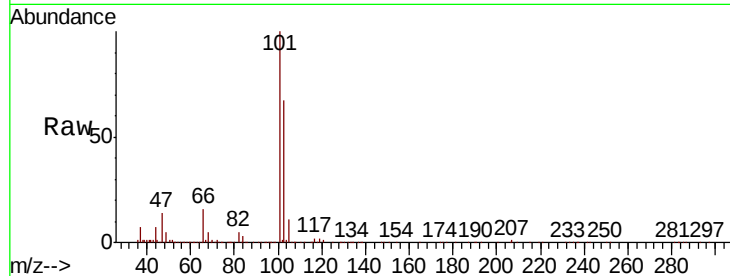


#7

Trichlorofluoromethane
Concen: 19.096 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

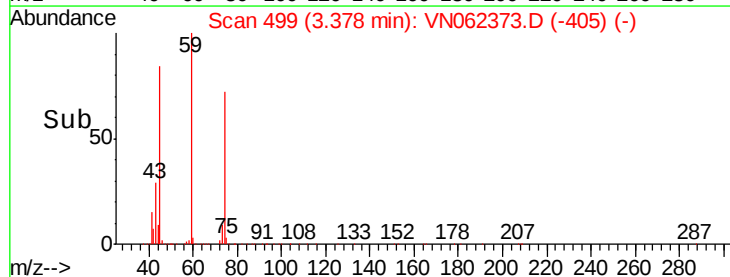
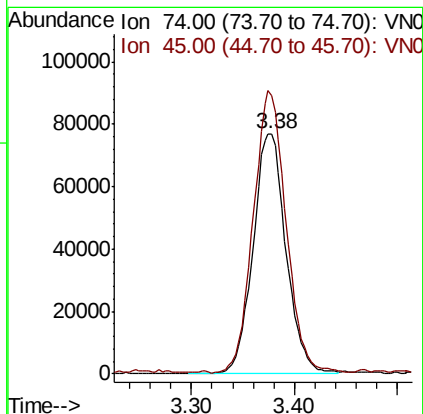
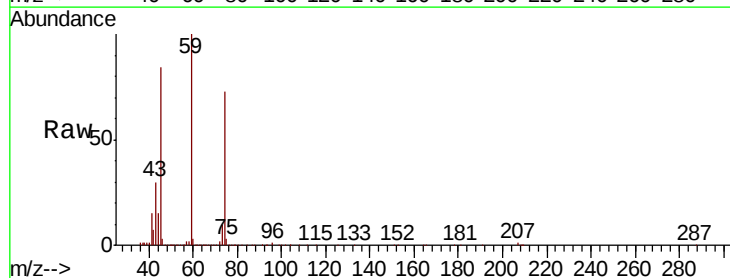
Tot Ion:101 Resp: 429148
Ion Ratio Lower Upper
101 100
103 67.1 51.0 76.6

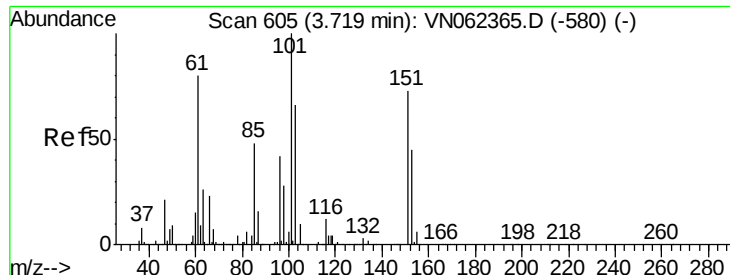


#8

Diethyl Ether
Concen: 19.648 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 74 Resp: 170595
Ion Ratio Lower Upper
74 100
45 116.9 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.483 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

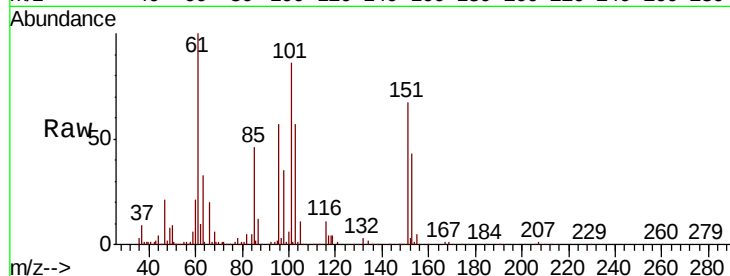
Tot Ion:101 Resp: 232092

Ion Ratio Lower Upper

101 100

85 50.4 38.6 57.8

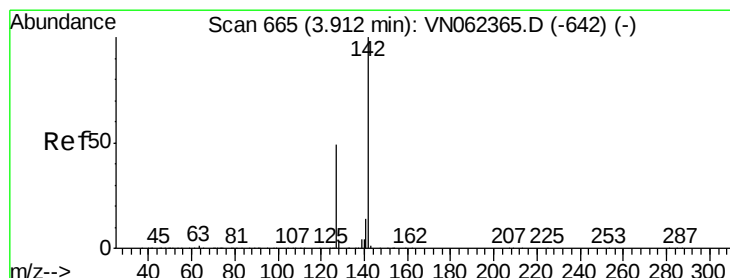
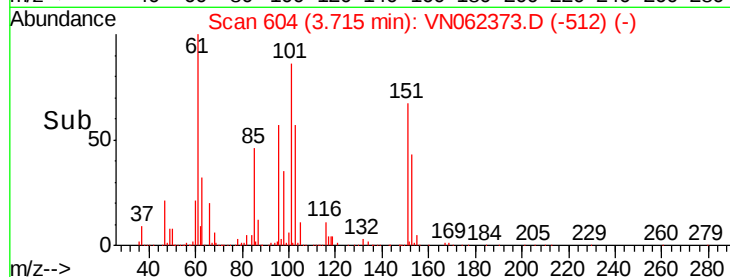
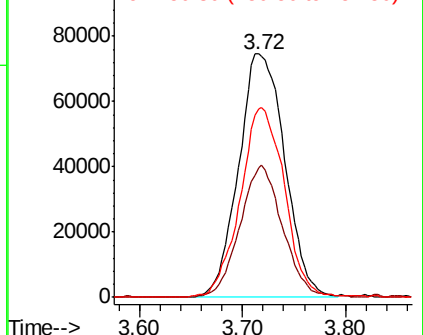
151 74.5 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.865 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

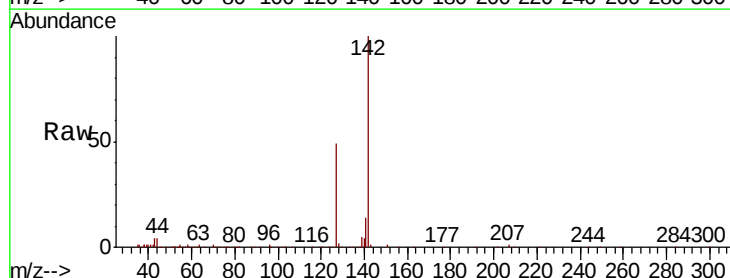
Tgt Ion:142 Resp: 284428

Ion Ratio Lower Upper

142 100

127 48.1 41.0 61.6

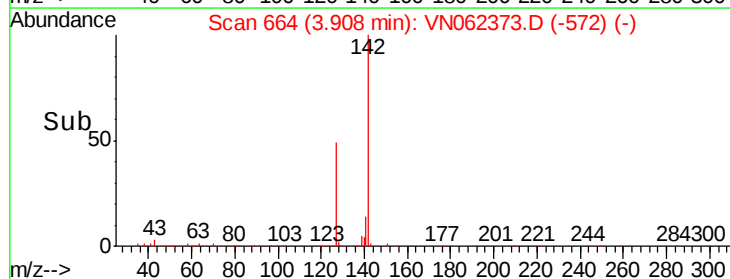
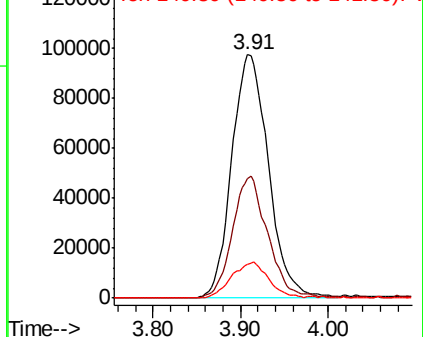
141 15.0 11.8 17.8

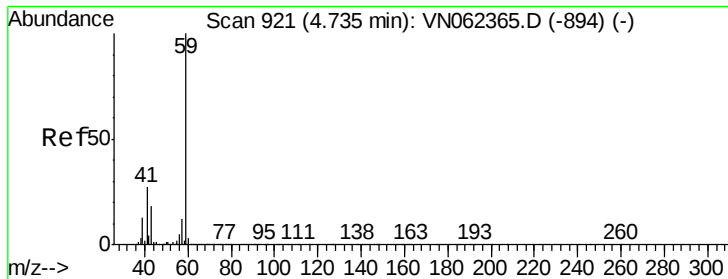


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



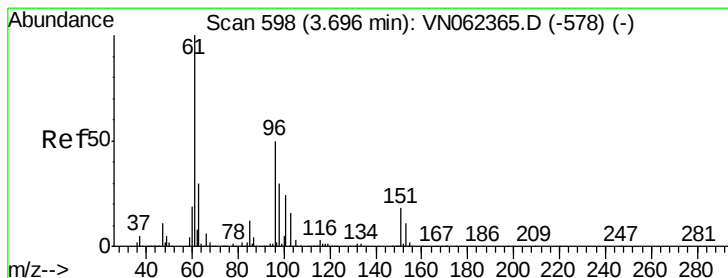
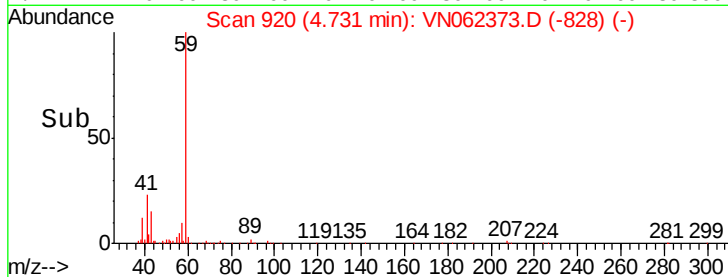
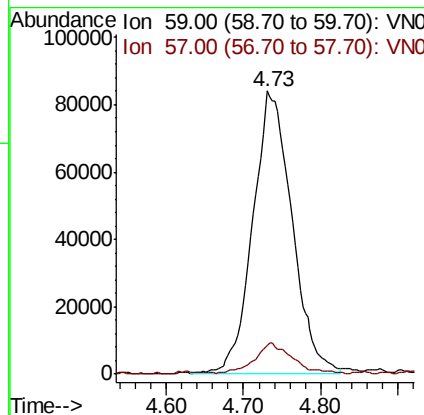
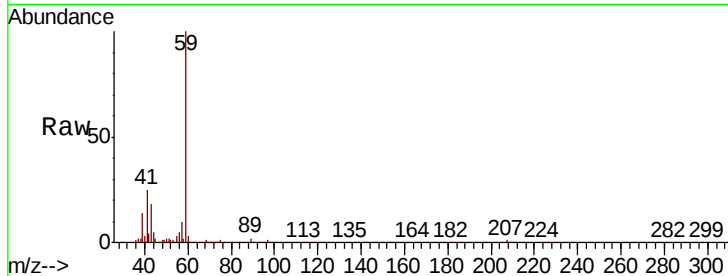


#11

Tert butyl alcohol
 Concen: 104.322 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

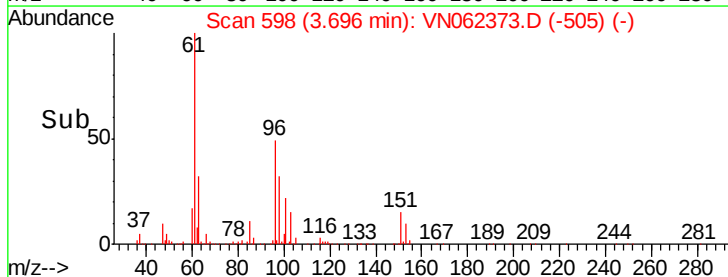
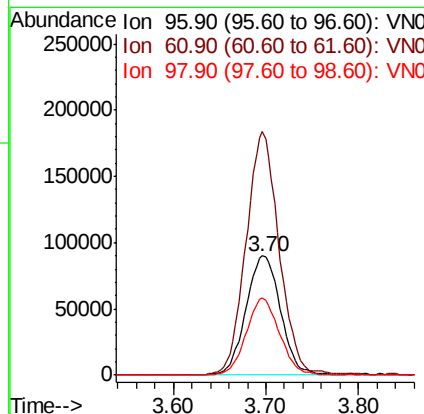
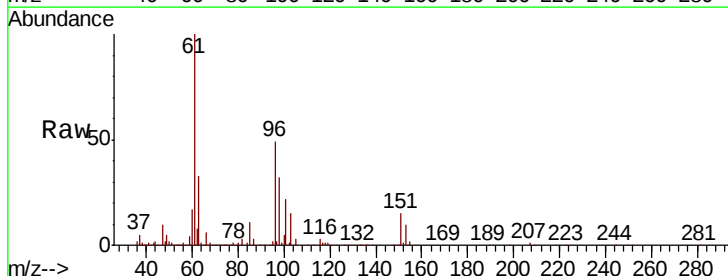
Tot Ion: 59 Resp: 296308
 Ion Ratio Lower Upper
 59 100
 57 9.3 8.5 12.7

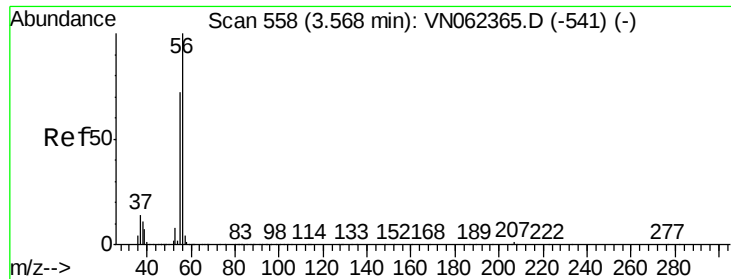


#12

1,1-Dichloroethene
 Concen: 19.884 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion: 96 Resp: 231780
 Ion Ratio Lower Upper
 96 100
 61 204.3 161.4 242.0
 98 64.8 48.8 73.2

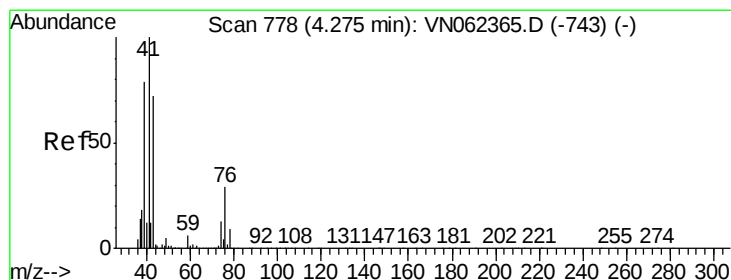
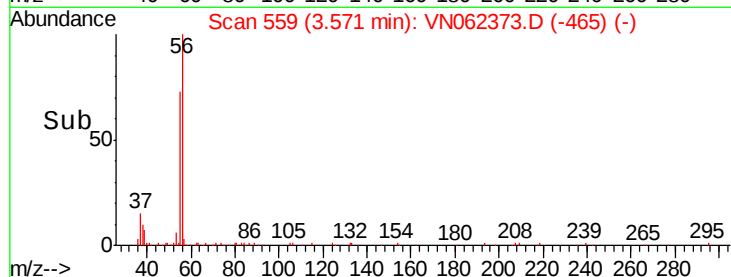
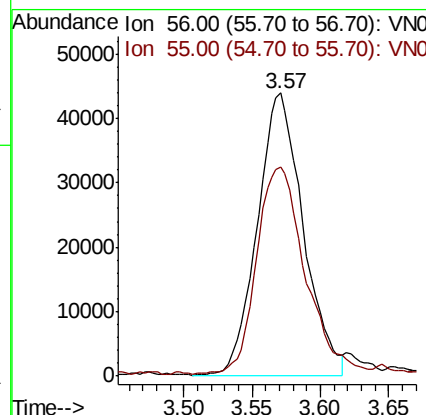
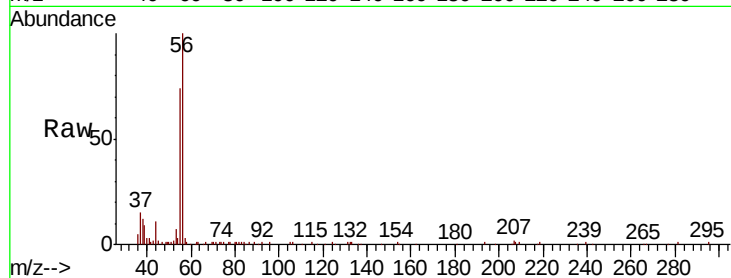




#13
Acrolein
Concen: 85.471 ug/l
RT: 3.57 min Scan# 559
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

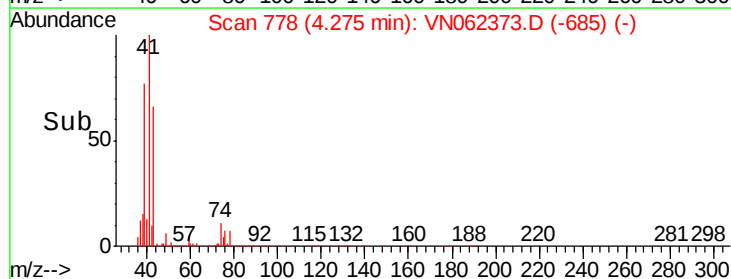
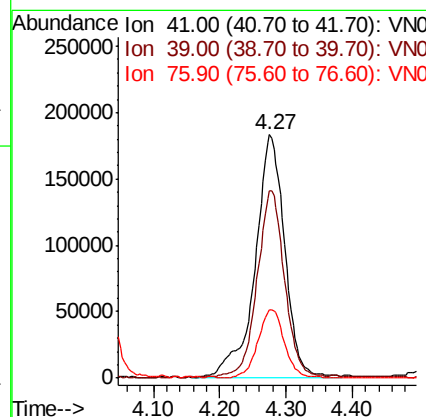
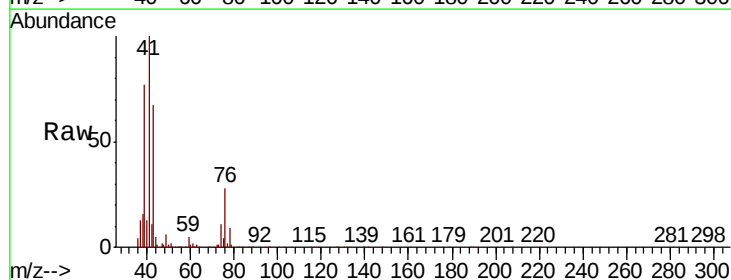
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

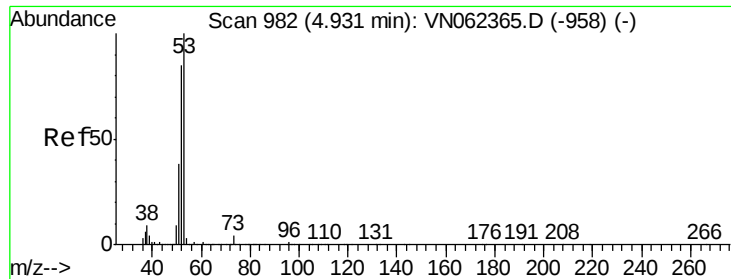
Tot Ion: 56 Resp: 102794
Ion Ratio Lower Upper
56 100
55 76.6 59.6 89.4



#14
Allyl chloride
Concen: 19.973 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 41 Resp: 567380
Ion Ratio Lower Upper
41 100
39 70.6 59.8 89.6
76 24.5 20.7 31.1

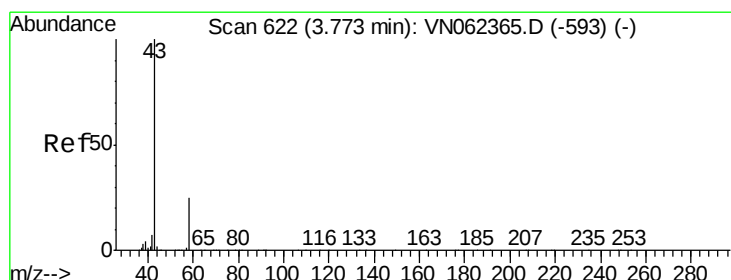
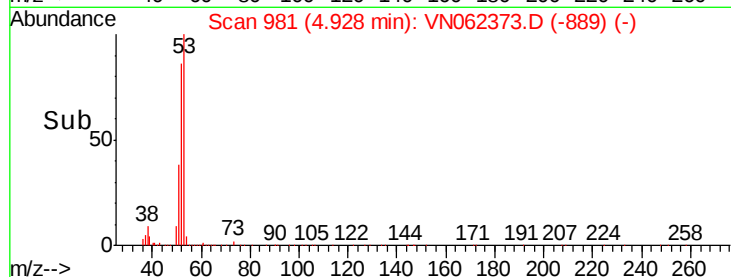
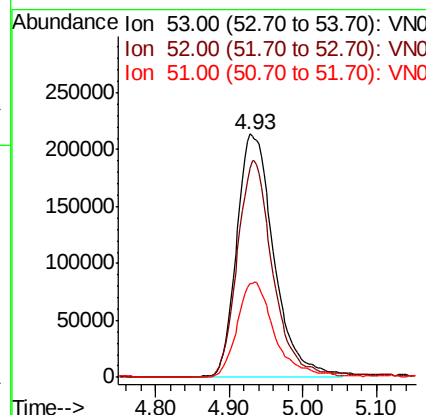
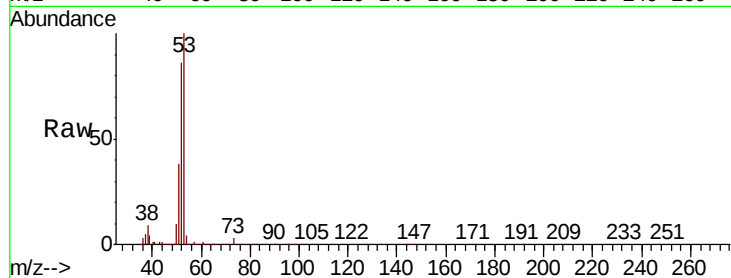




#15
 Acrylonitrile
 Concen: 100.320 ug/l
 RT: 4.93 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

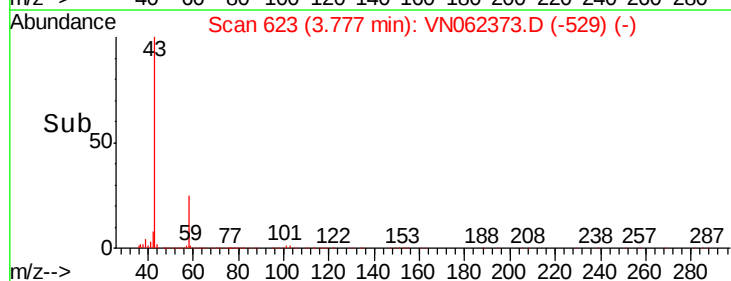
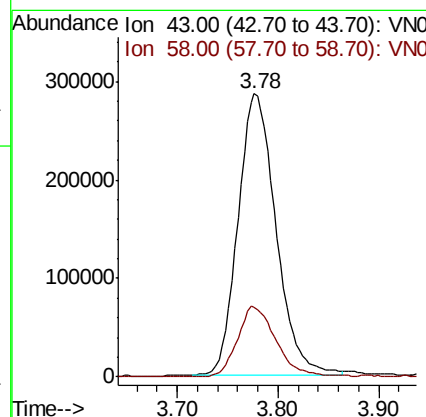
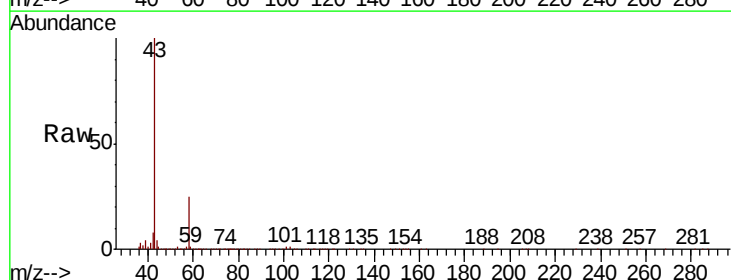
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0706WBSD01

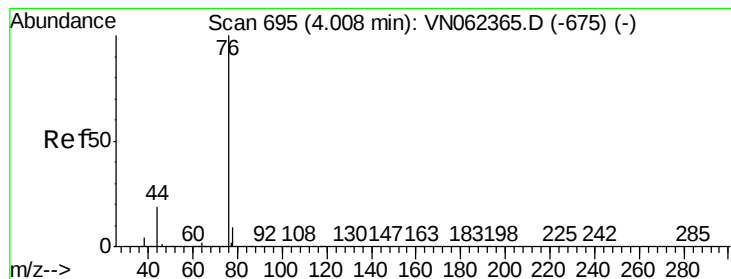
Tot Ion	53	Resp	748373
Ion Ratio	Lower	Upper	
53	100		
52	84.4	67.6	101.4
51	38.5	30.6	45.8



#16
 Acetone
 Concen: 79.350 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	43	Resp	750533
Ion Ratio	Lower	Upper	
43	100		
58	24.5	19.8	29.8





#17

Carbon Disulfide

Concen: 18.560 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

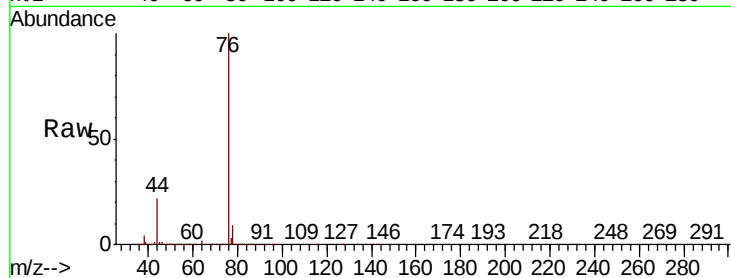
VN0706WBSD01

Tot Ion: 76 Resp: 685031

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

250000

200000

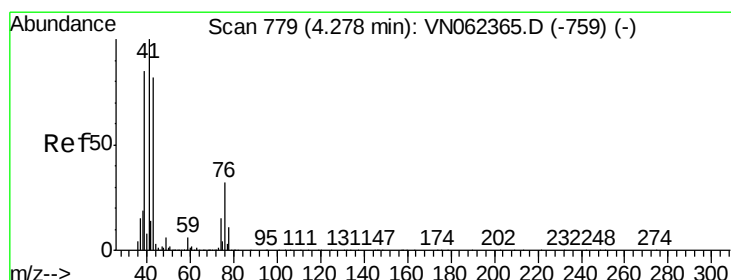
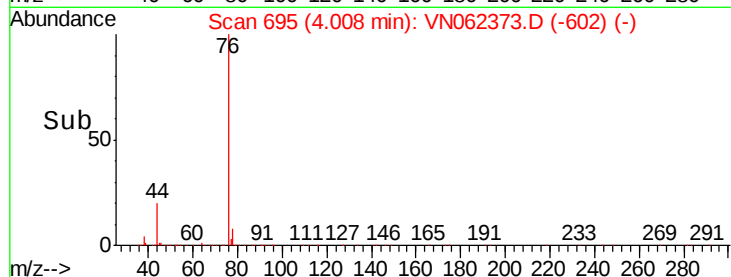
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.625 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062373.D

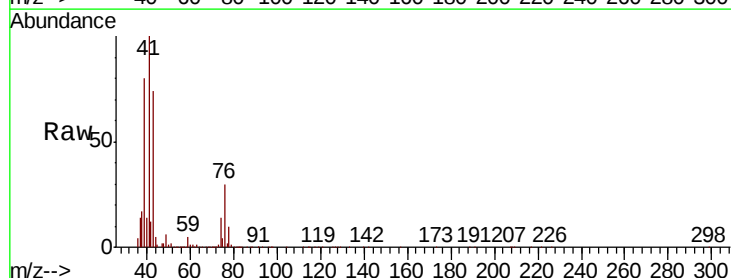
Acq: 6 Jul 2020 19:31

Tgt Ion: 43 Resp: 376196

Ion Ratio Lower Upper

43 100

74 15.8 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

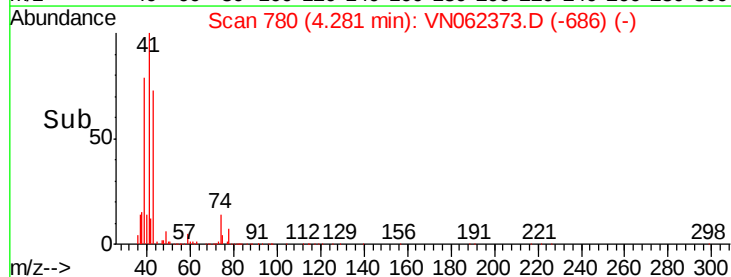
150000

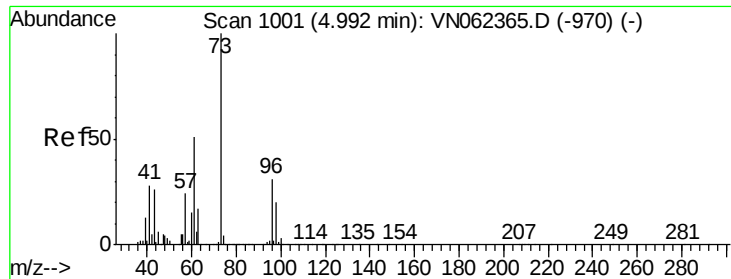
100000

50000

0

Time-->

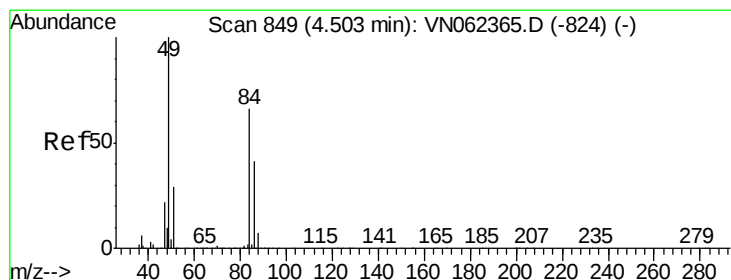
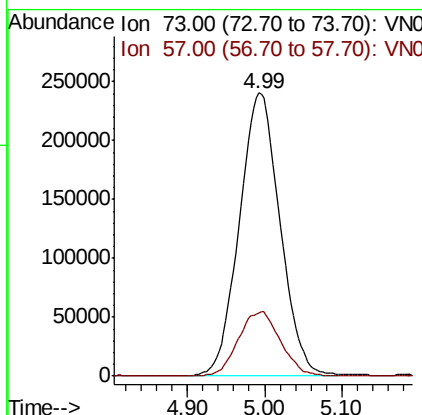
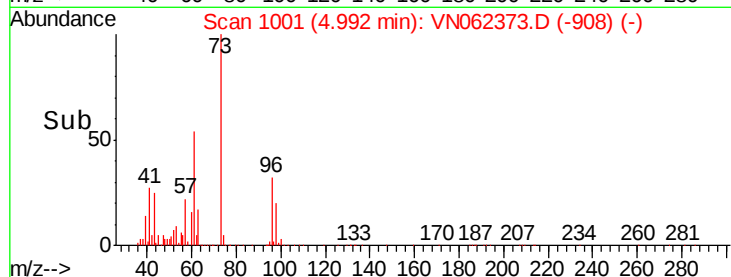
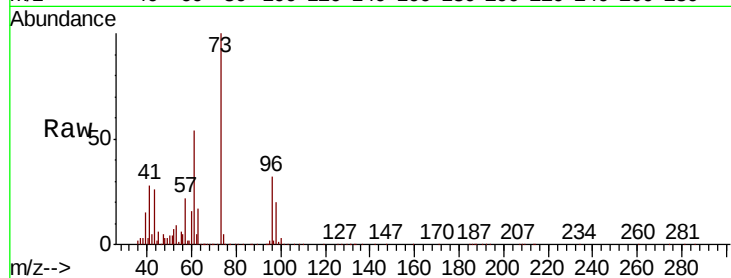




#19
Methvl tert-butvl Ether
Concen: 19.629 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

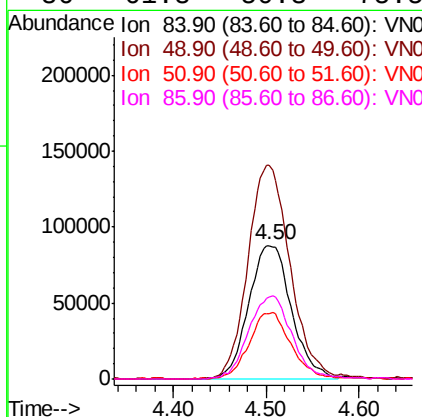
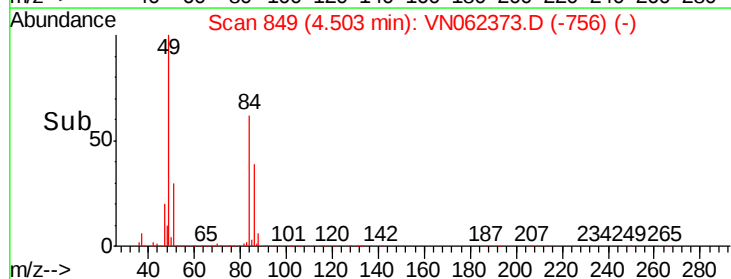
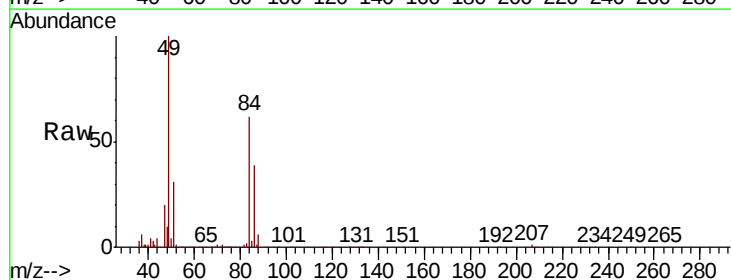
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

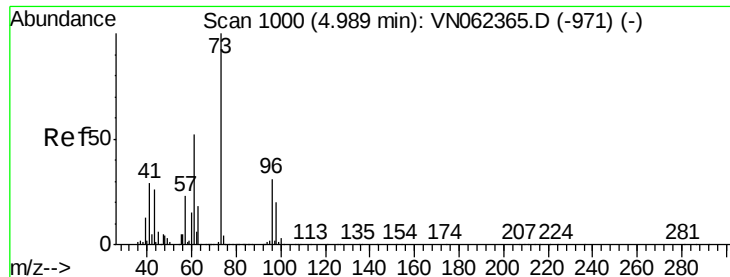
Tot Ion: 73 Resp: 875671
Ion Ratio Lower Upper
73 100
57 22.3 18.9 28.3



#20
Methylene Chloride
Concen: 19.439 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 84 Resp: 281547
Ion Ratio Lower Upper
84 100
49 160.0 121.8 182.6
51 48.8 35.0 52.4
86 61.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.652 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

VN0706WBSD01

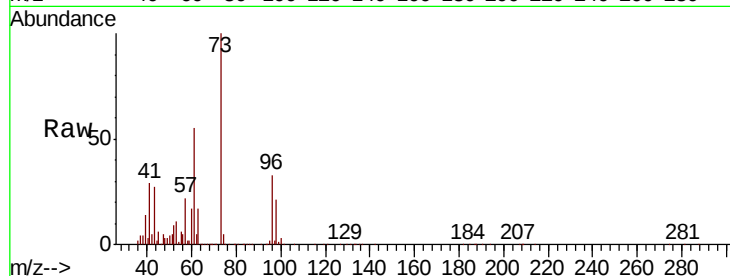
Tot Ion: 96 Resp: 240117

Ion Ratio Lower Upper

96 100

61 166.4 134.7 202.1

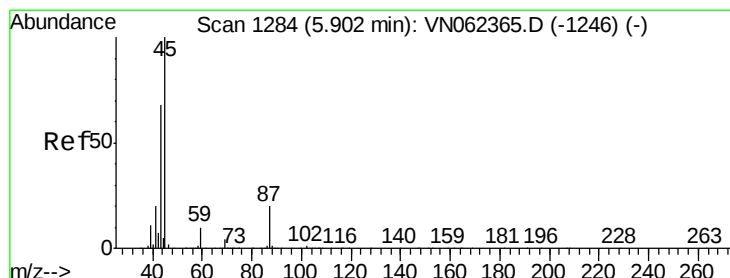
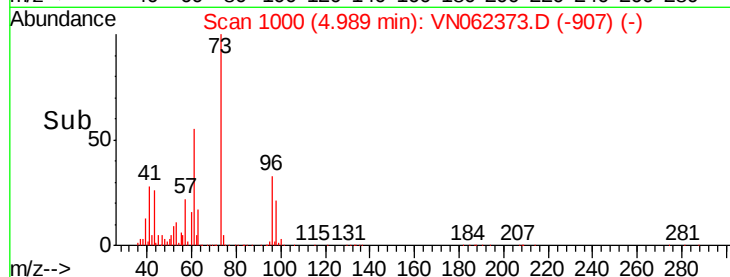
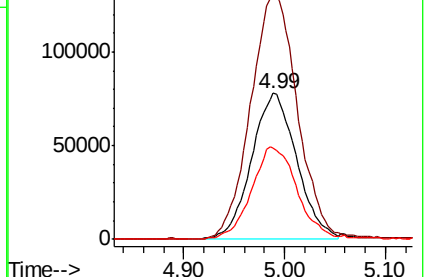
98 62.2 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VN062365.D (-971) (-)

Ion 60.90 (60.60 to 61.60): VN062365.D (-971) (-)

Ion 97.90 (97.60 to 98.60): VN062365.D (-971) (-)



#22

Diisopropyl ether

Concen: 19.867 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion: 45 Resp: 1128814

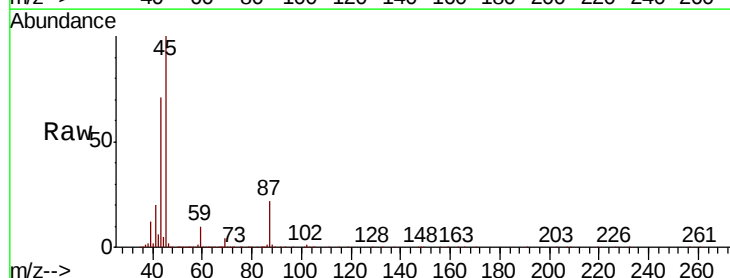
Ion Ratio Lower Upper

45 100

43 69.6 54.6 81.8

87 21.9 16.6 24.8

59 10.2 7.7 11.5

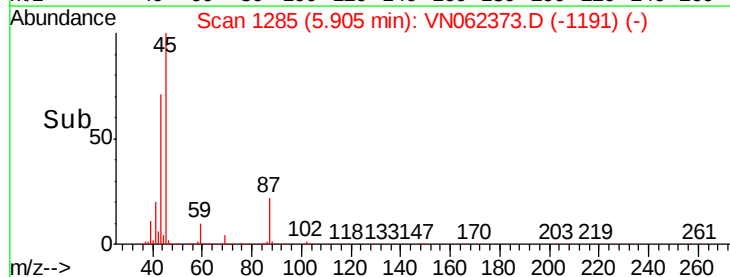
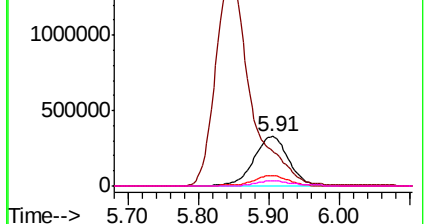


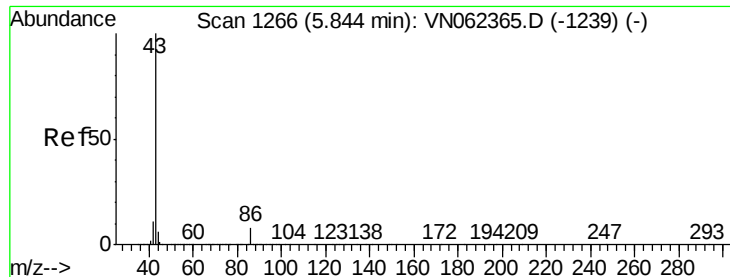
Abundance Ion 45.00 (44.70 to 45.70): VN062365.D (-1246) (-)

Ion 43.00 (42.70 to 43.70): VN062365.D (-1246) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1246) (-)

Ion 59.00 (58.70 to 59.70): VN062365.D (-1246) (-)

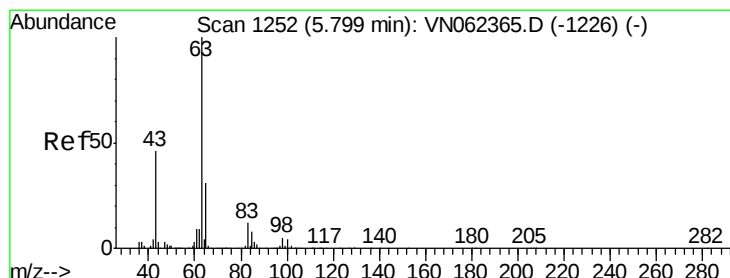
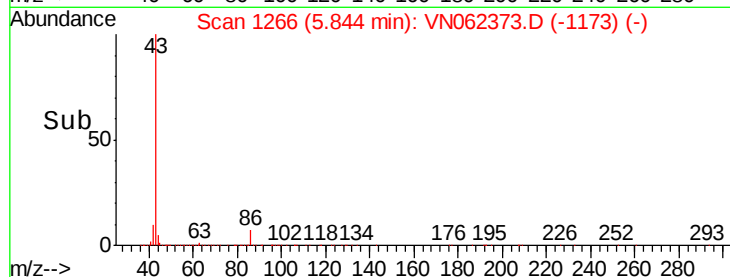
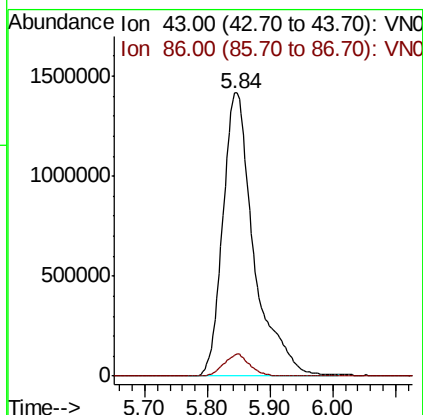
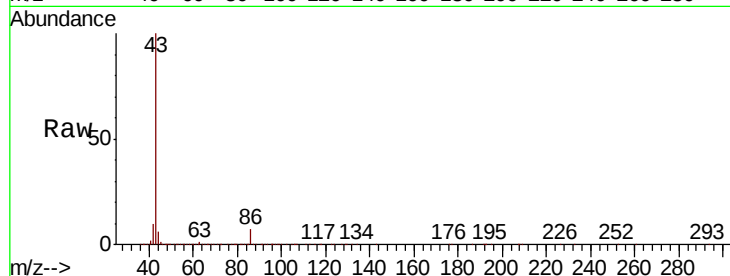




#23
 Vinyl Acetate
 Concen: 96.932 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

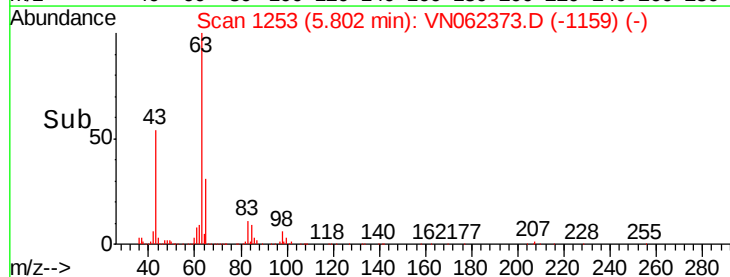
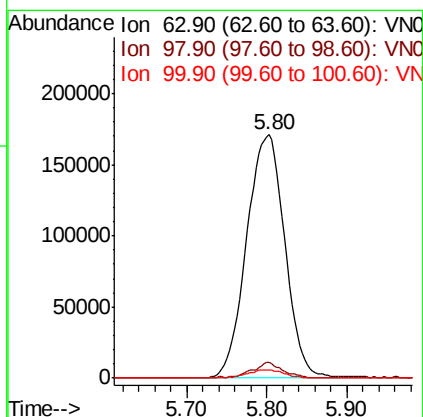
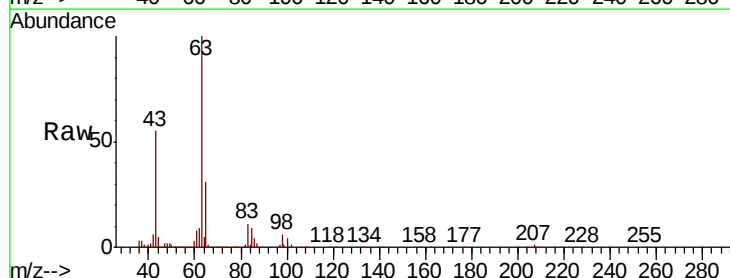
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

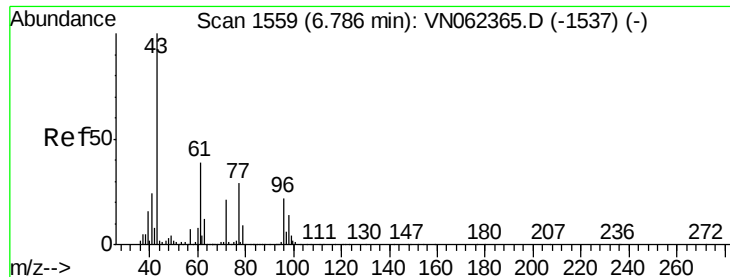
Tot Ion: 43 Resp: 4883955
 Ion Ratio Lower Upper
 43 100
 86 7.4 6.6 9.8



#24
 1,1-Dichloroethane
 Concen: 19.785 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion: 63 Resp: 557090
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.6 7.8
 100 3.6 1.8 5.3

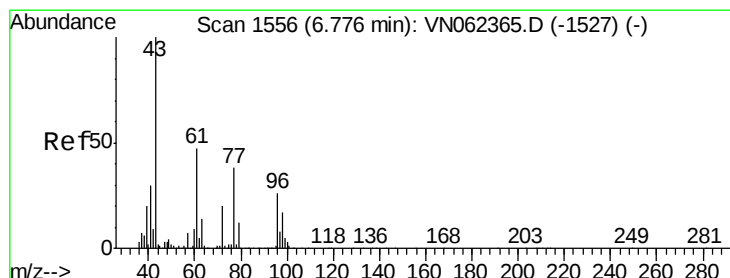
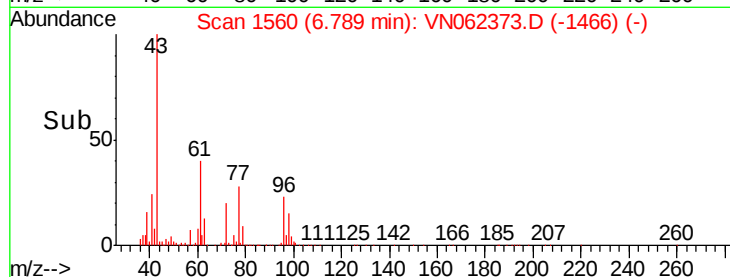
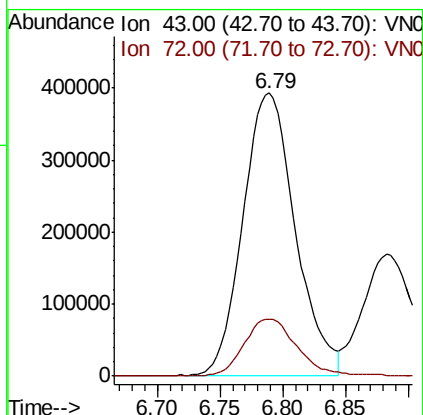
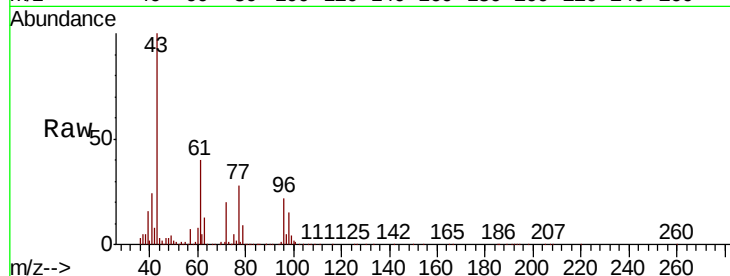




#25
2-Butanone
Concen: 95.328 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

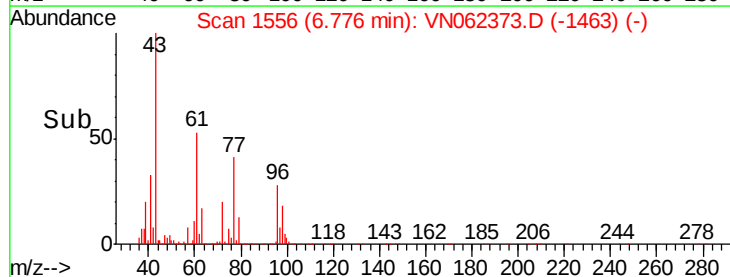
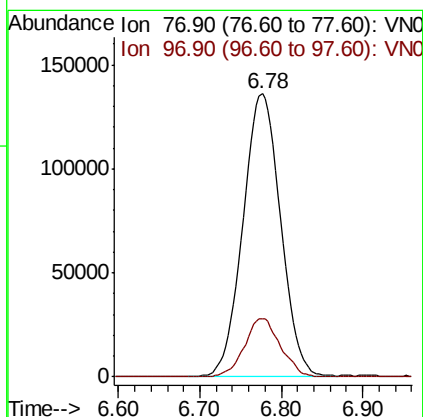
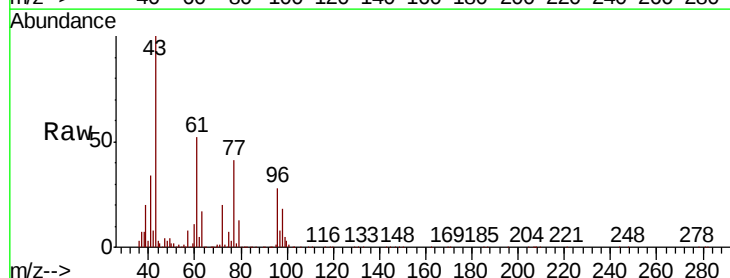
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

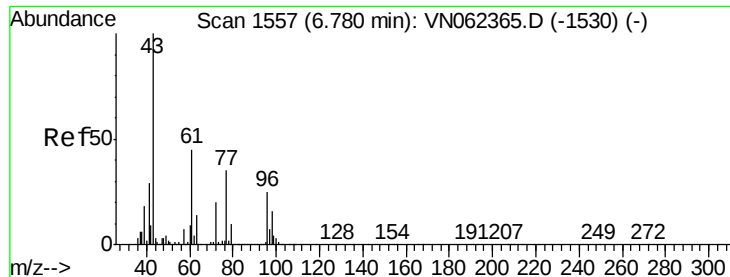
Tot Ion: 43 Resp: 1135485
Ion Ratio Lower Upper
43 100
72 20.1 16.4 24.6



#26
2,2-Dichloropropane
Concen: 18.761 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 77 Resp: 435123
Ion Ratio Lower Upper
77 100
97 19.6 10.1 30.1

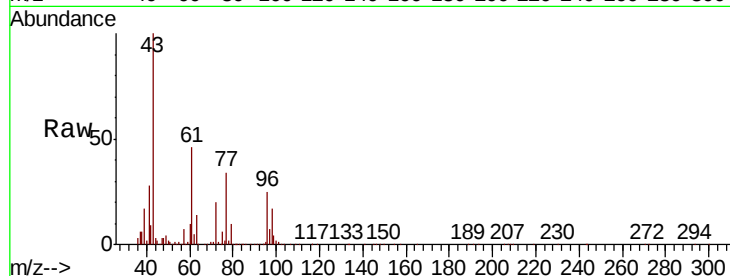




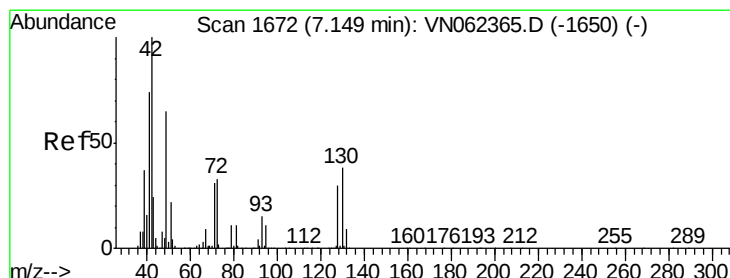
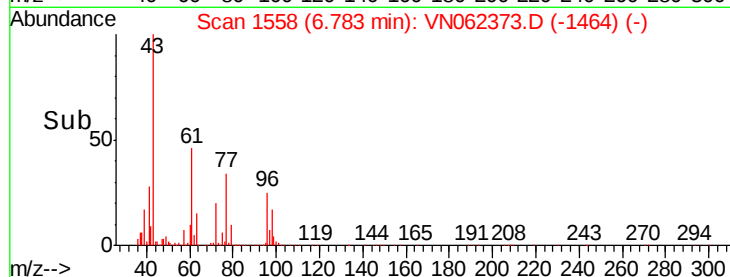
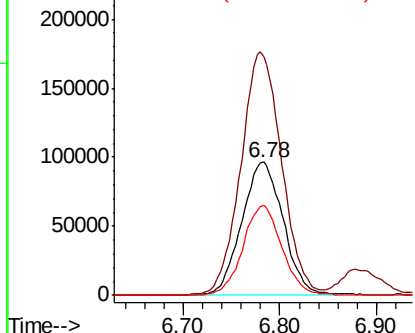
#27
 cis-1,2-Dichloroethene
 Concen: 19.532 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	178.5	0.0	358.8
98	63.4	0.0	130.6

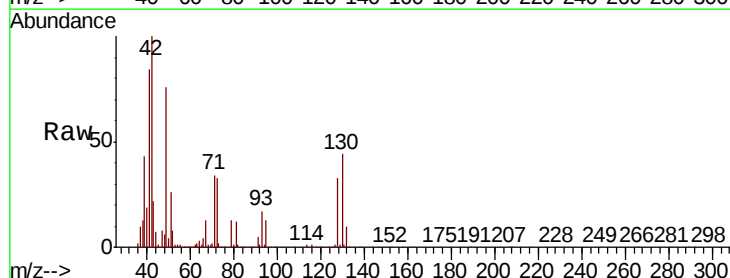


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

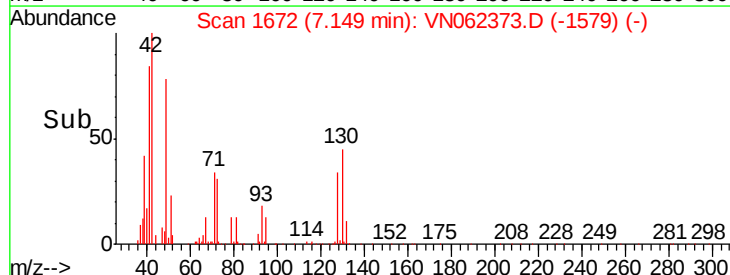
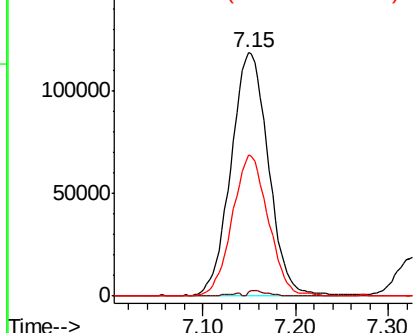


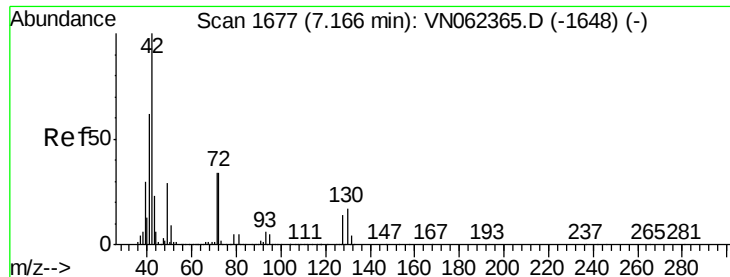
#28
 Bromochloromethane
 Concen: 20.914 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.6
130	56.6	45.8	68.8



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: 100.985 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

VN0706WBSD01

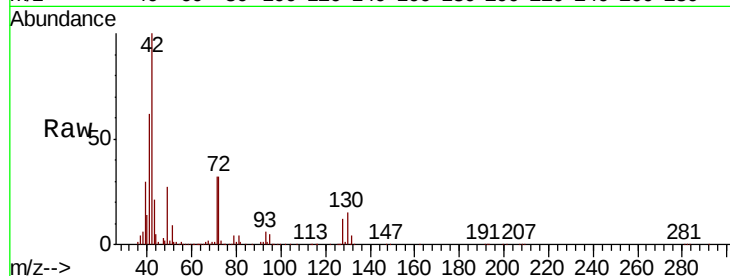
Tot Ion: 42 Resp: 764529

Ion Ratio Lower Upper

42 100

72 33.3 26.8 40.2

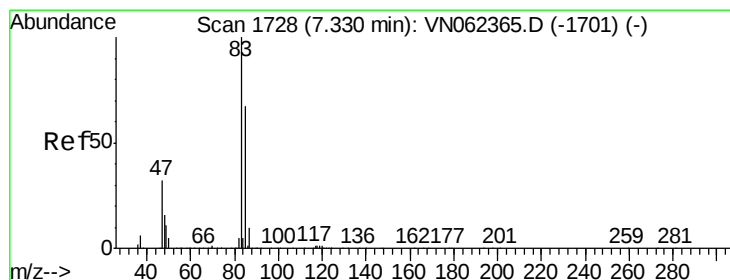
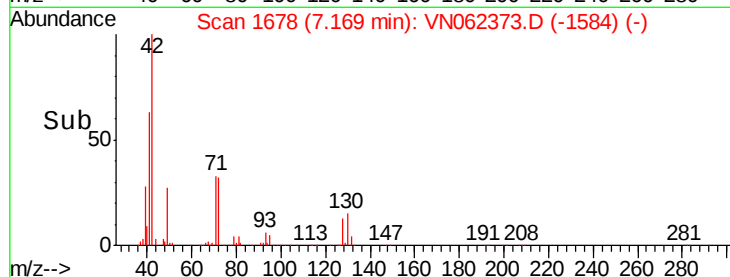
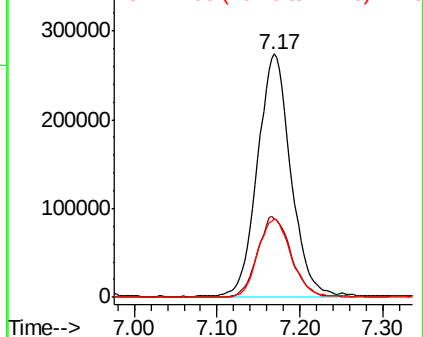
71 32.3 26.0 39.0



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: 19.127 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062373.D

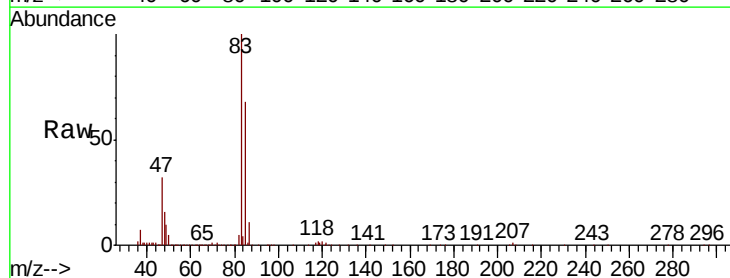
Acq: 6 Jul 2020 19:31

Tgt Ion: 83 Resp: 524104

Ion Ratio Lower Upper

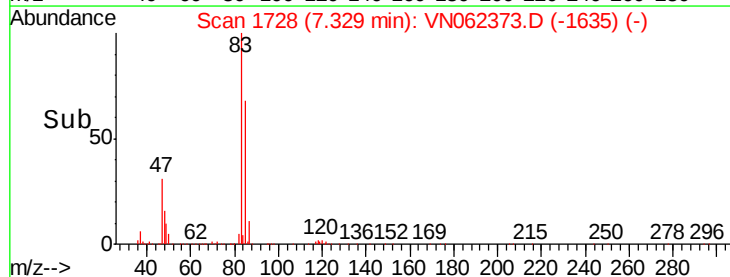
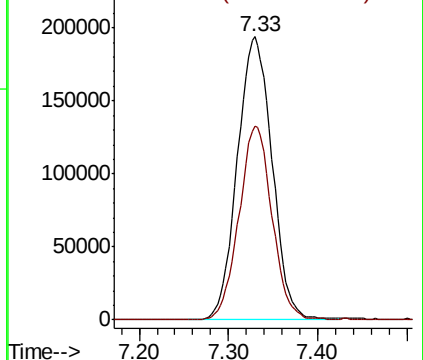
83 100

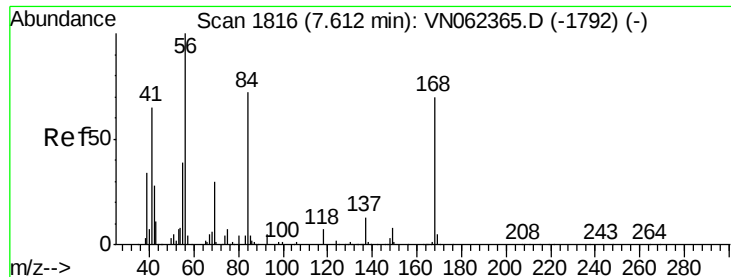
85 68.3 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

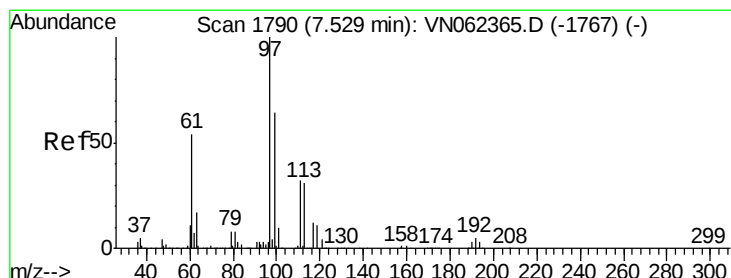
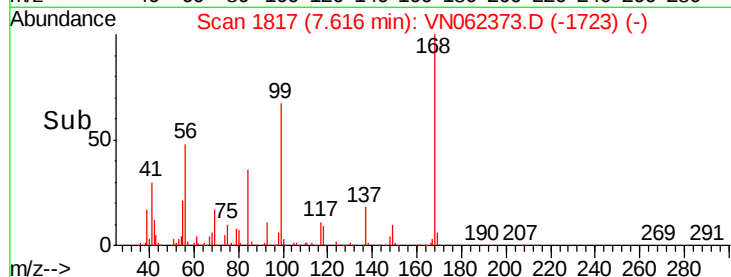
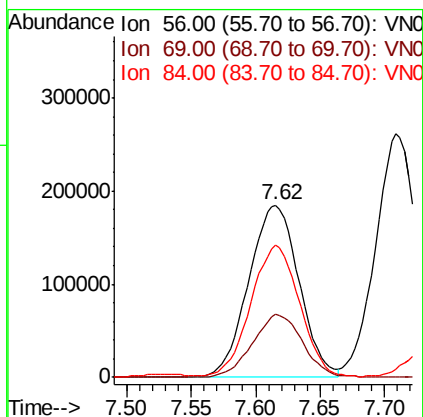
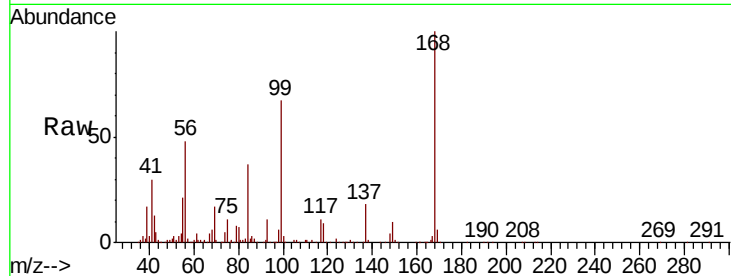




#31
Cyclohexane
Concen: 19.213 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

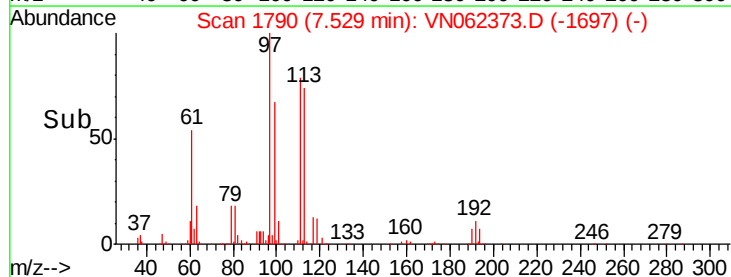
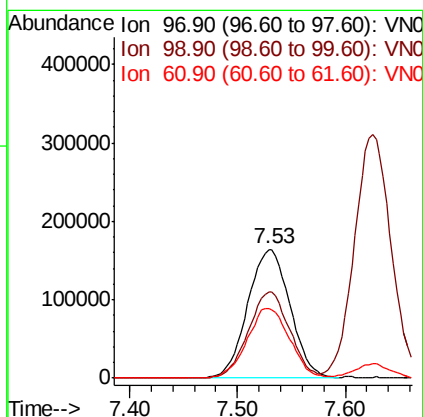
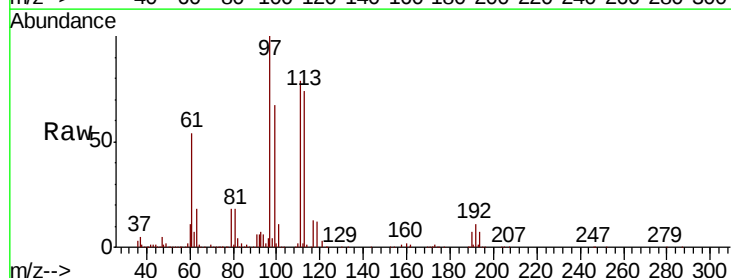
Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

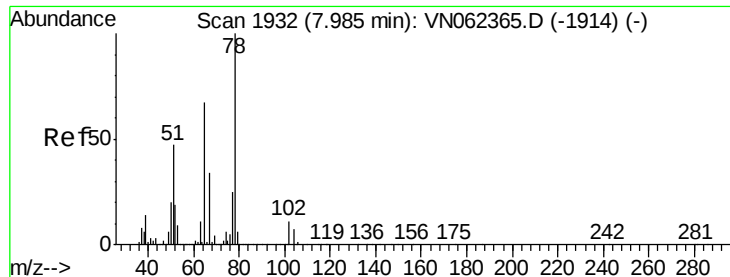
Tot Ion: 56 Resp: 499846
Ion Ratio Lower Upper
56 100
69 36.3 23.7 35.5#
84 76.1 57.2 85.8



#32
1,1,1-Trichloroethane
Concen: 19.495 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 97 Resp: 448873
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 53.9 42.5 63.7





#33

1,2-Dichloroethane-d4

Concen: 50.171 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

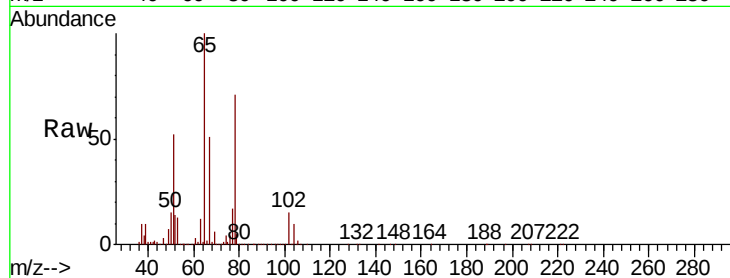
VN0706WBSD01

Tot Ion: 65 Resp: 1029316

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

400000

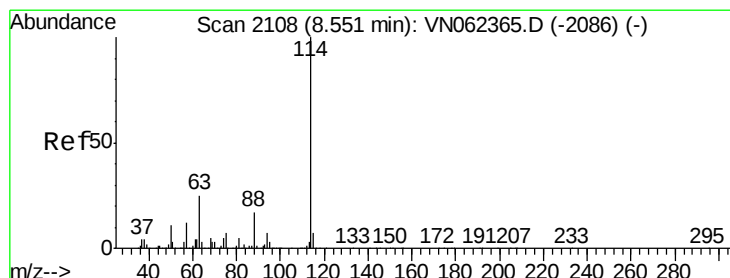
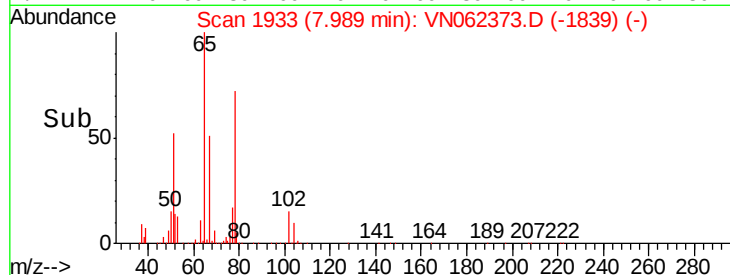
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

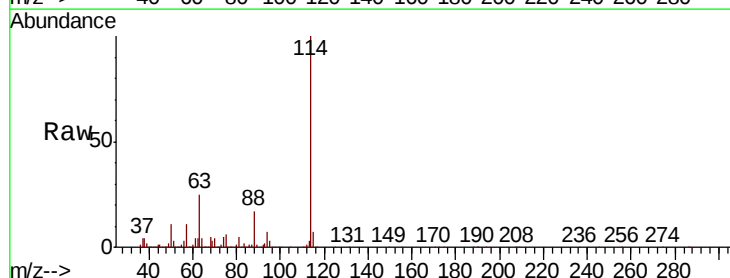
Tgt Ion: 114 Resp: 1894613

Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.0

88 16.8 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

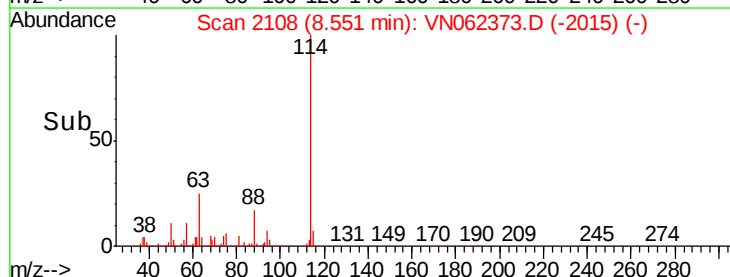
600000

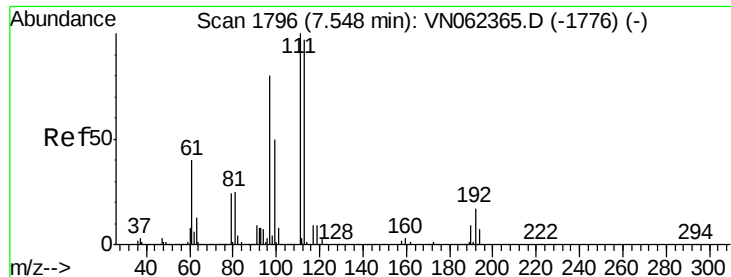
400000

200000

0

Time-->

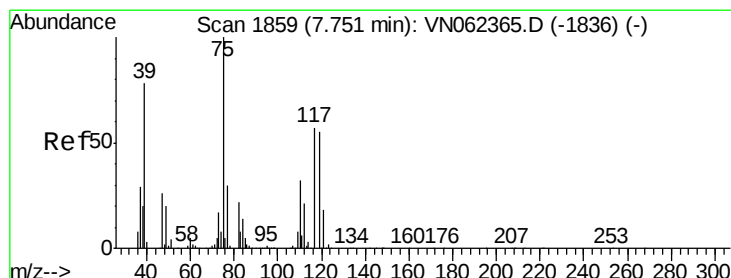
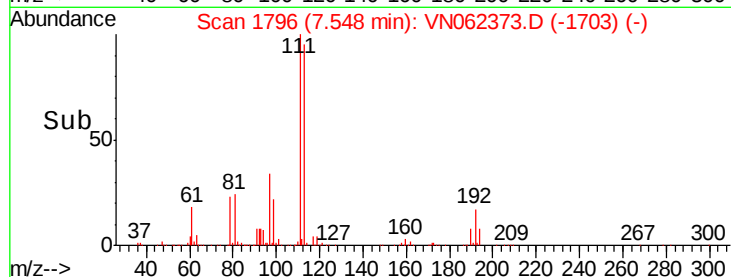
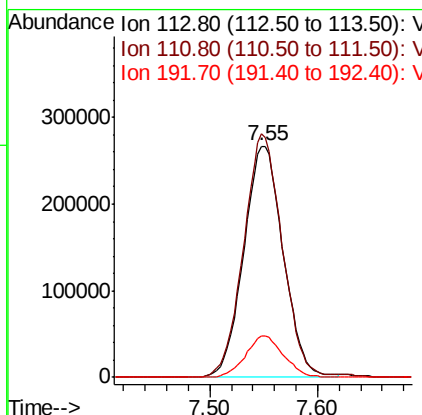
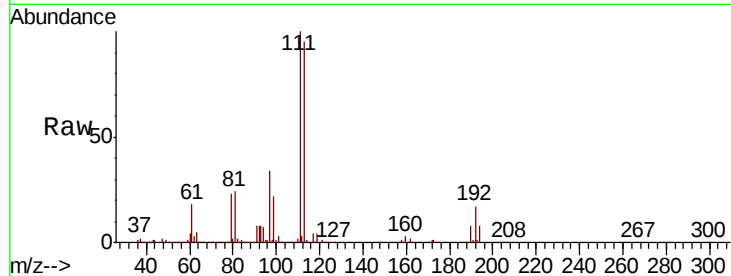




#35
 Dibromofluoromethane
 Concen: 52.464 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

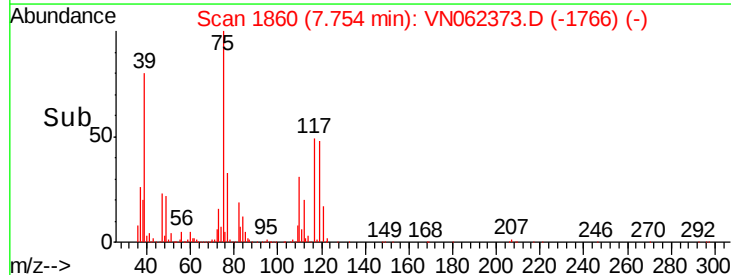
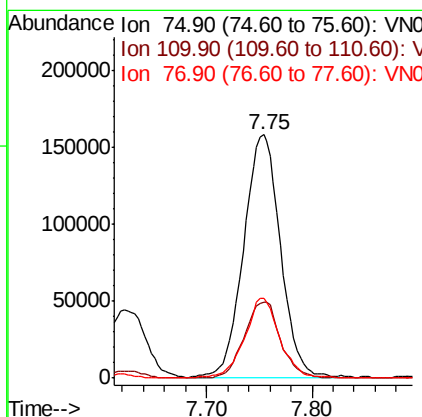
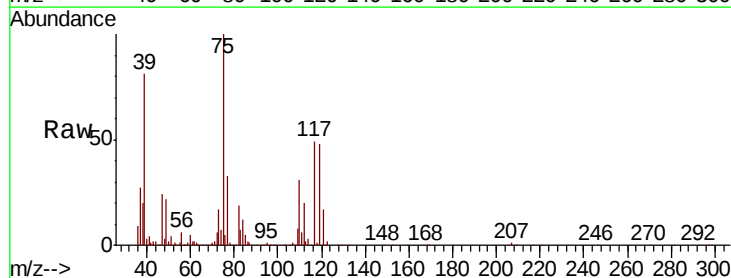
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

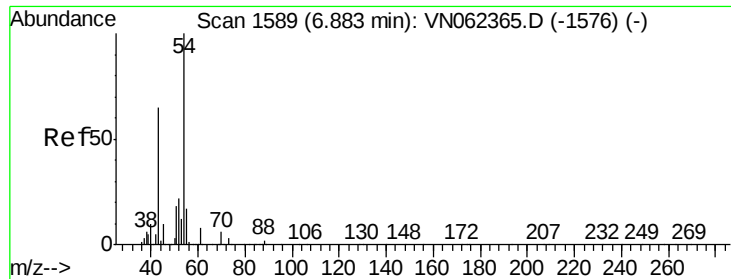
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.2	124.8
192	17.5	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 19.074 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.7	47.1
77	31.5	24.3	36.5

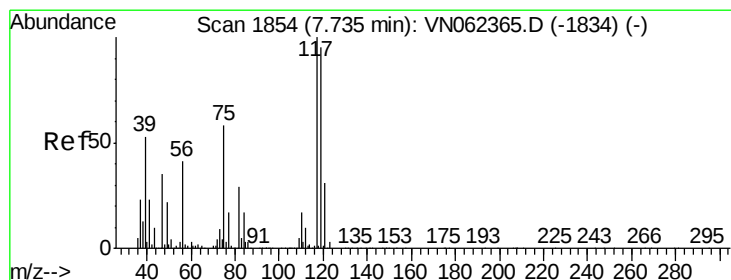
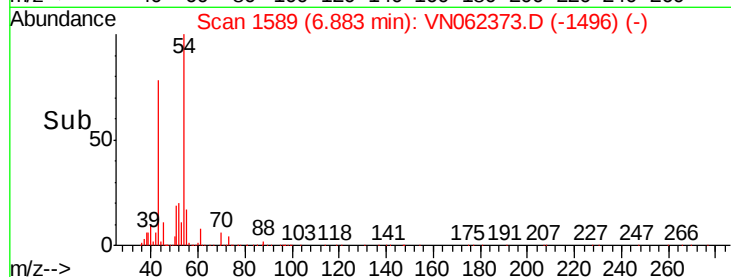
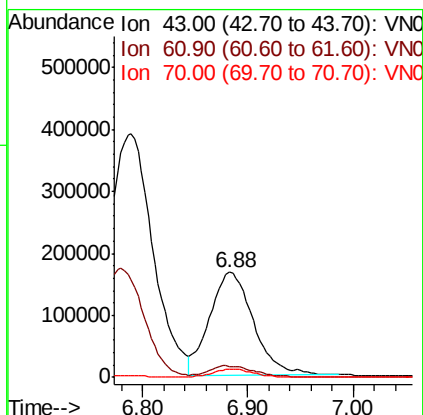
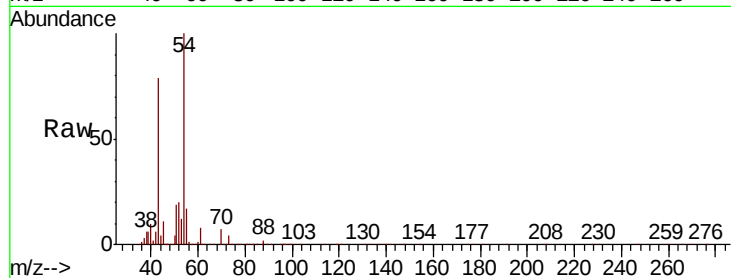




#37
Ethyl Acetate
Concen: 20.413 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

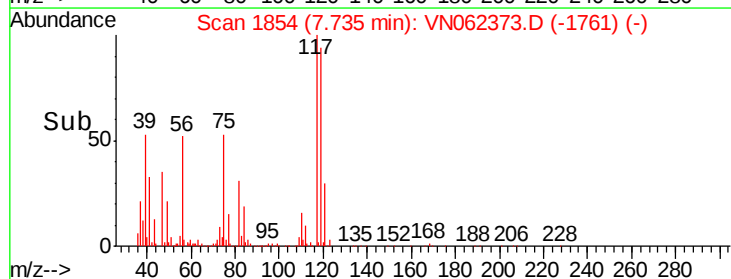
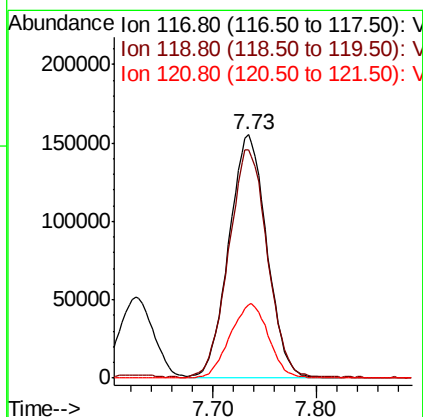
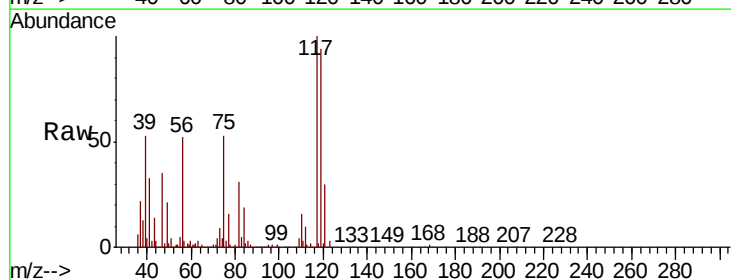
Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

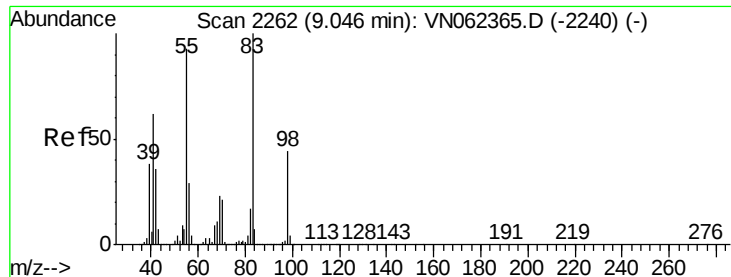
Tot Ion: 43 Resp: 482118
Ion Ratio Lower Upper
43 100
61 10.4 8.8 13.2
70 7.1 6.2 9.4



#38
Carbon Tetrachloride
Concen: 19.720 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 117 Resp: 394791
Ion Ratio Lower Upper
117 100
119 93.6 75.9 113.9
121 30.3 24.6 36.8

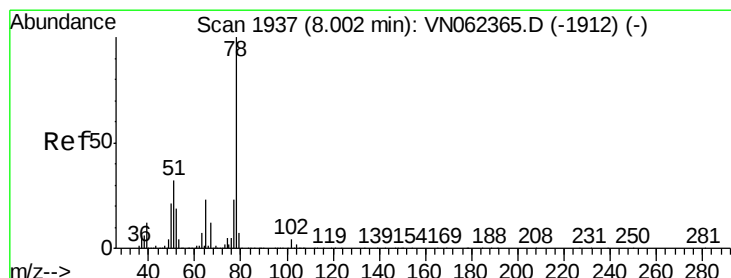
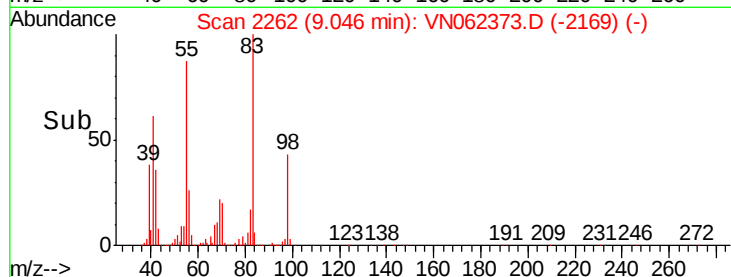
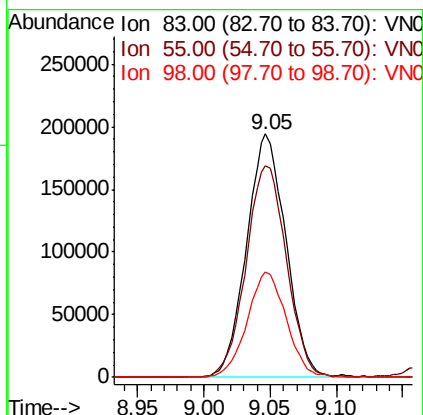
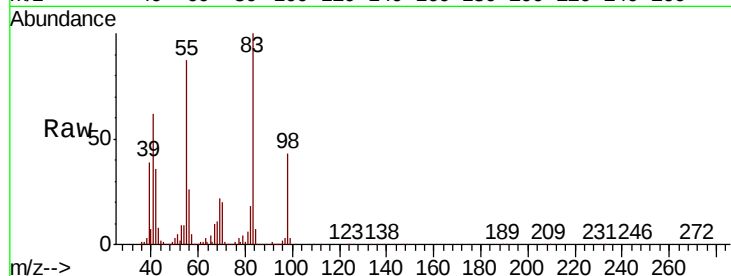




#39
Methvlcvclohexane
Concen: 18.707 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

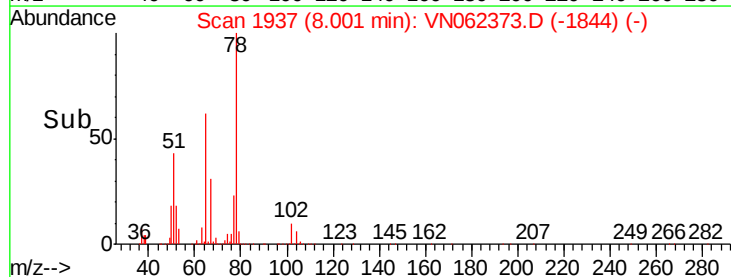
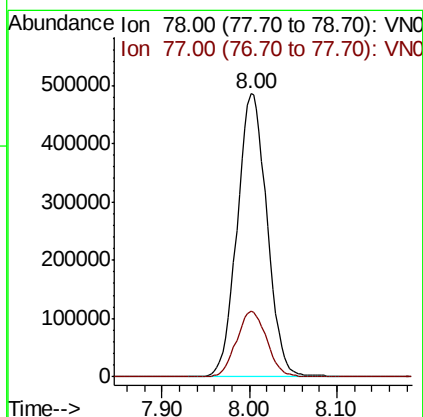
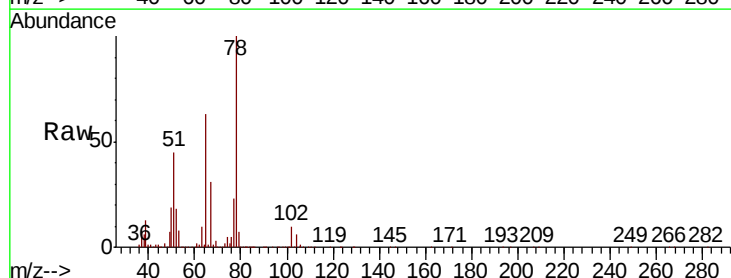
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

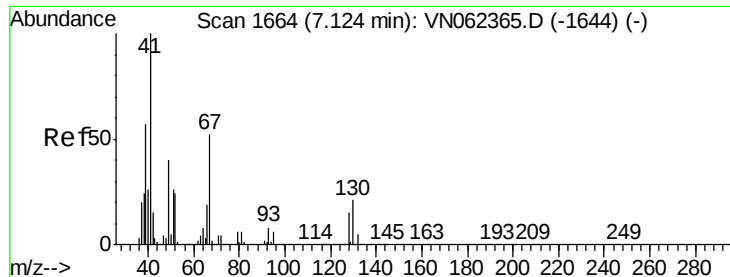
Tot Ion: 83 Resp: 400493
Ion Ratio Lower Upper
83 100
55 86.8 74.1 111.1
98 43.3 35.6 53.4



#40
Benzene
Concen: 20.253 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 78 Resp: 1145414
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

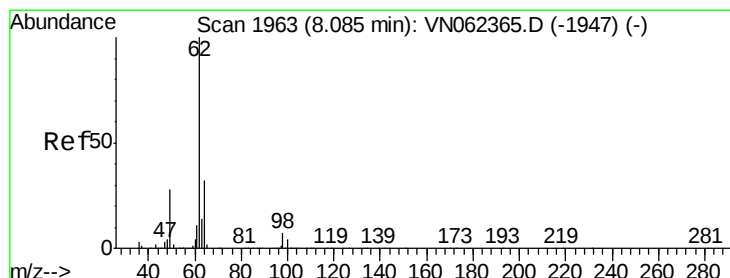
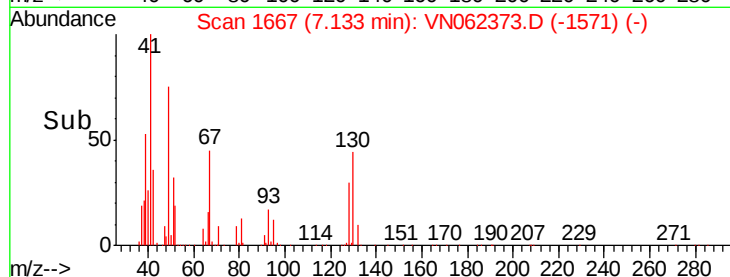
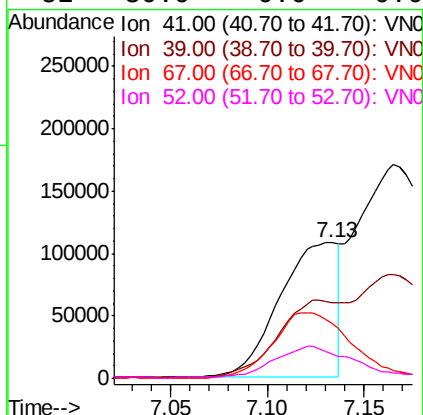
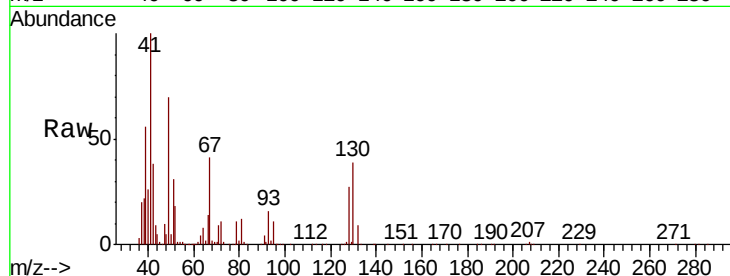




#41
Methacrylonitrile
Concen: 19.098 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

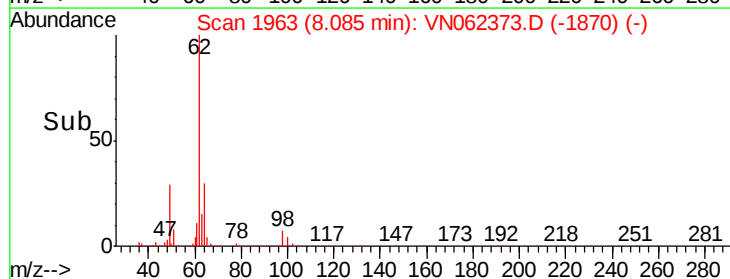
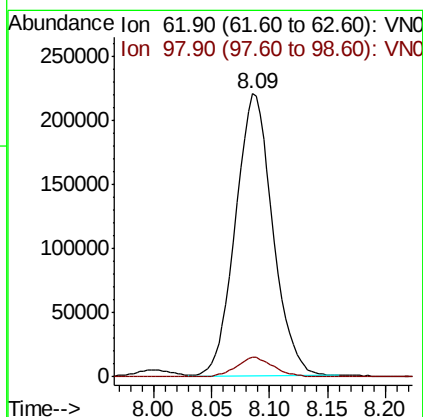
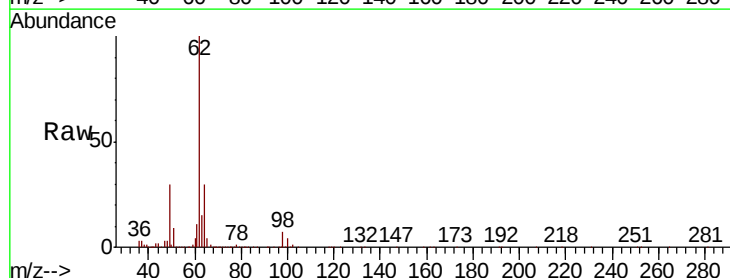
Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

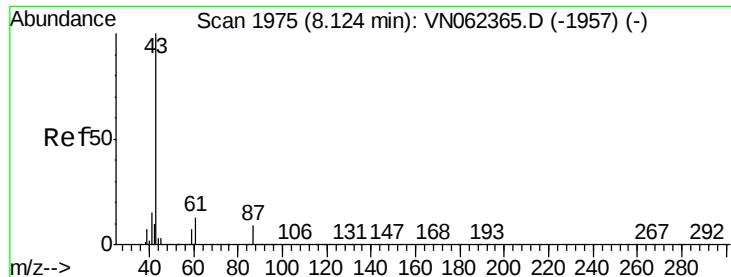
Tot Ion:	41	Resp:	227683
Ion	Ratio	Lower	Upper
41	100		
39	56.9	0.0	0.0#
67	66.9	0.0	0.0#
52	30.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.778 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion:	62	Resp:	492832
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	13.4





#43

Isopropyl Acetate

Concen: 20.077 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

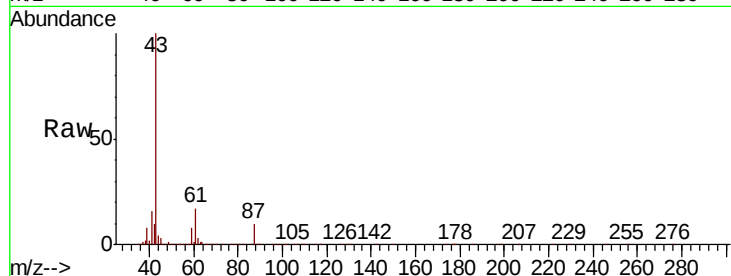
Tot Ion: 43 Resp: 792524

Ion Ratio Lower Upper

43 100

61 17.0 13.1 19.7

87 10.3 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062365.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1957) (-)

8.13

400000

300000

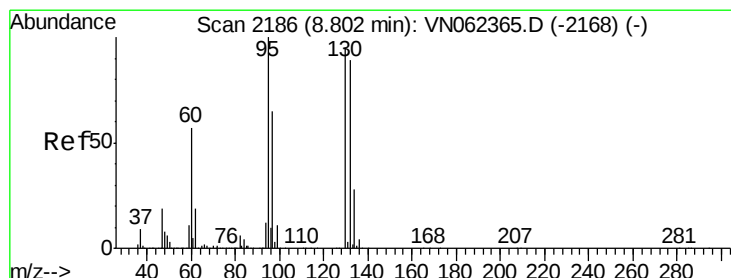
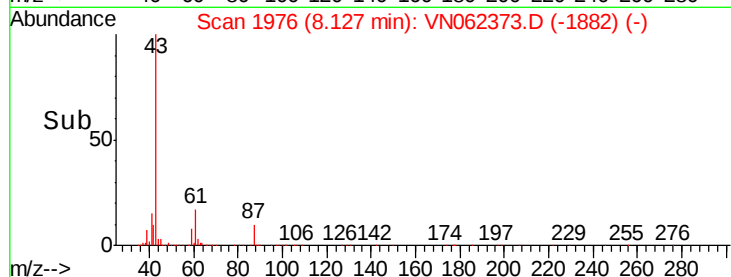
200000

100000

0

Time-->

8.00 8.10 8.20



#44

Trichloroethene

Concen: 19.339 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062373.D

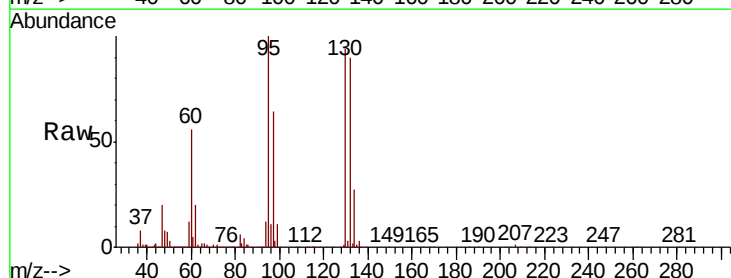
Acq: 6 Jul 2020 19:31

Tgt Ion: 130 Resp: 261478

Ion Ratio Lower Upper

130 100

95 106.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN062365.D (-2168) (-)

Ion 94.90 (94.60 to 95.60): VN062365.D (-2168) (-)

150000

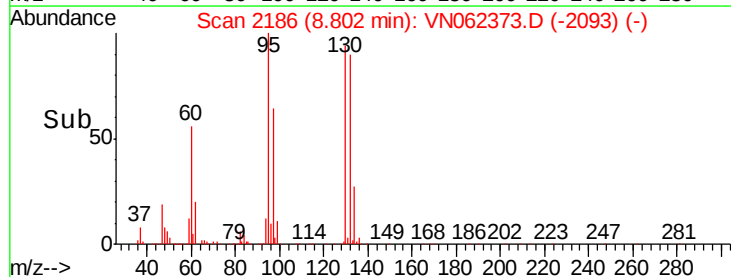
100000

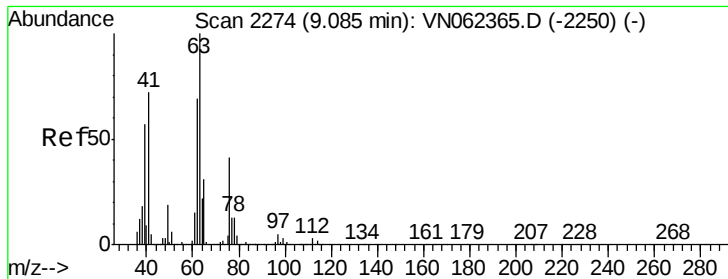
50000

0

Time-->

8.70 8.75 8.80 8.85





#45

1,2-Dichloropropane

Concen: 19.823 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

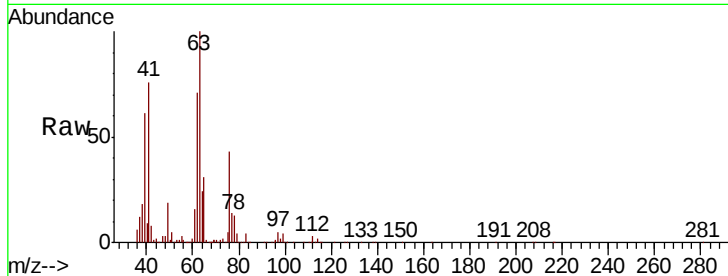
VN0706WBSD01

Tot Ion: 63 Resp: 328623

Ion Ratio Lower Upper

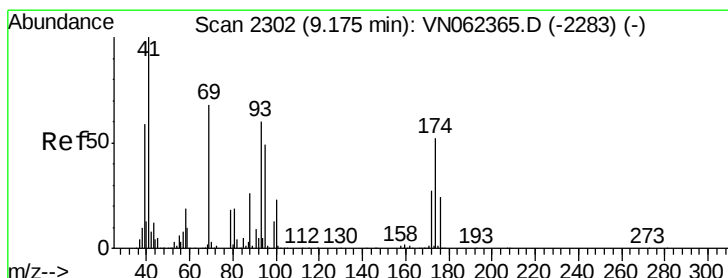
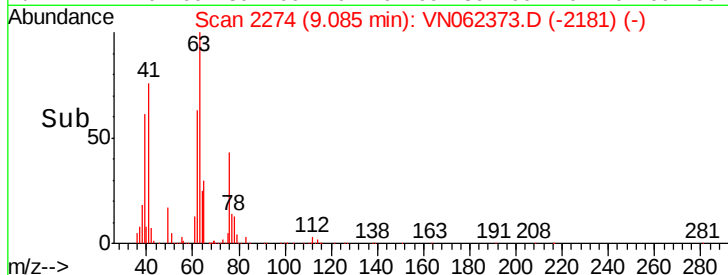
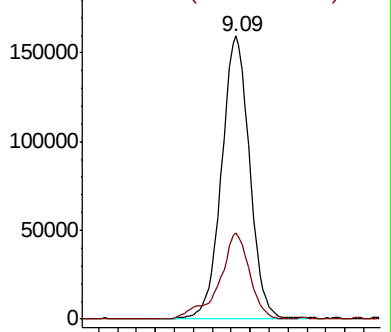
63 100

65 30.2 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.609 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

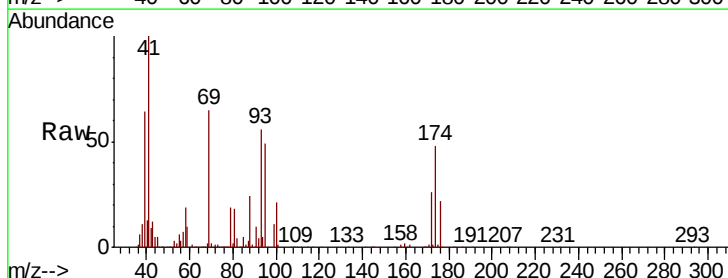
Tgt Ion: 93 Resp: 201197

Ion Ratio Lower Upper

93 100

95 83.4 64.8 97.2

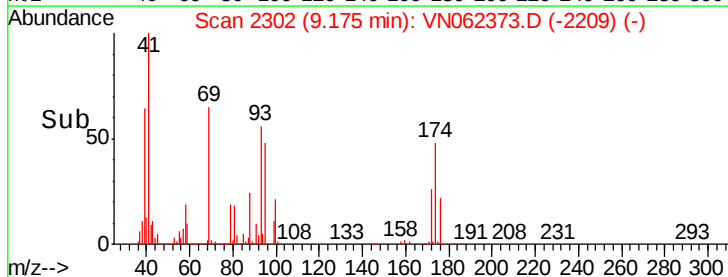
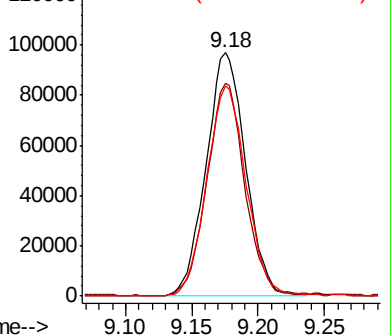
174 86.1 67.6 101.4

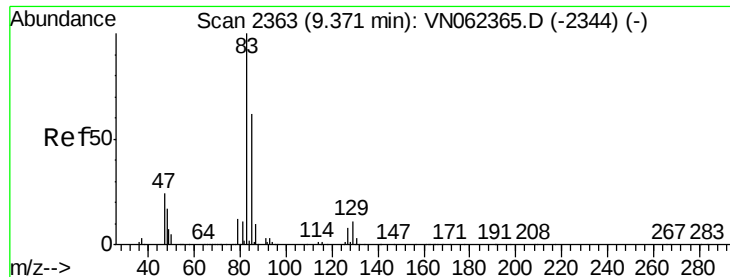


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.388 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

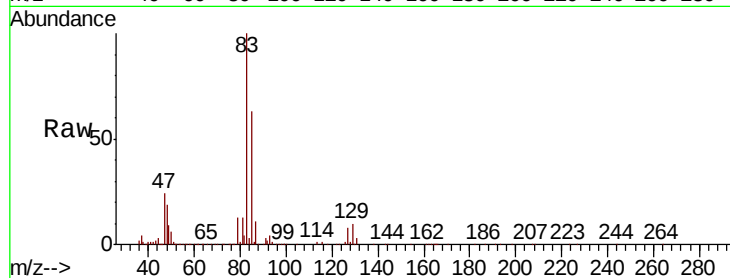
Tot Ion: 83 Resp: 424006

Ion Ratio Lower Upper

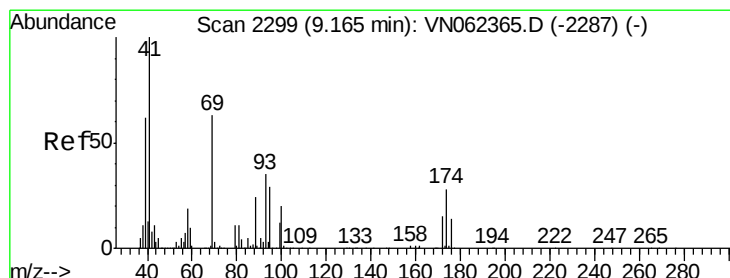
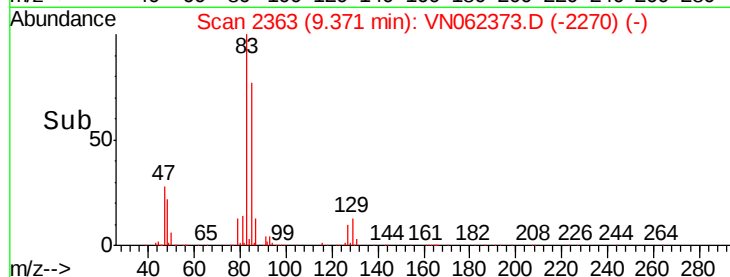
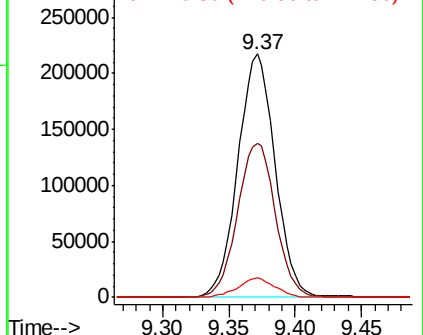
83 100

85 62.9 49.8 74.6

127 7.8 6.2 9.2



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



#48

Methyl methacrylate

Concen: 19.695 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

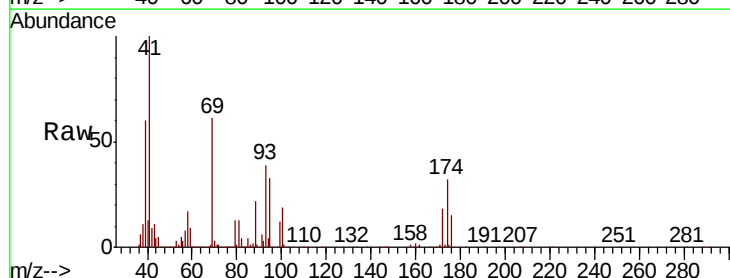
Tgt Ion: 41 Resp: 396817

Ion Ratio Lower Upper

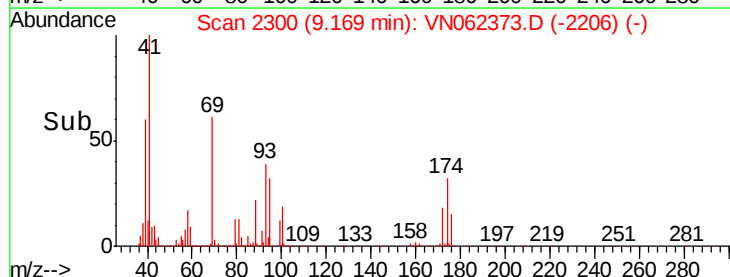
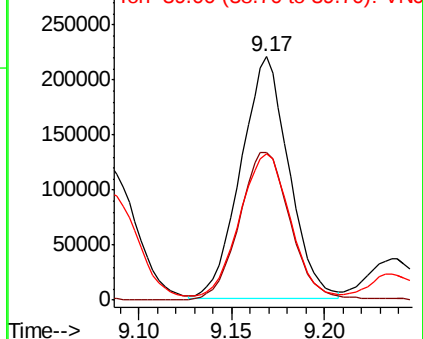
41 100

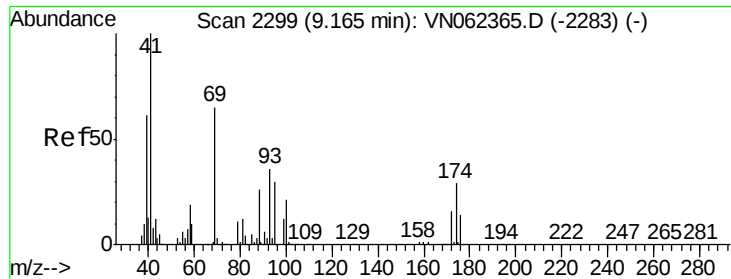
69 63.9 51.5 77.3

39 60.7 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

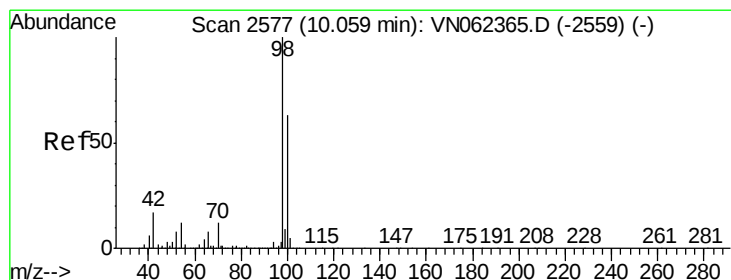
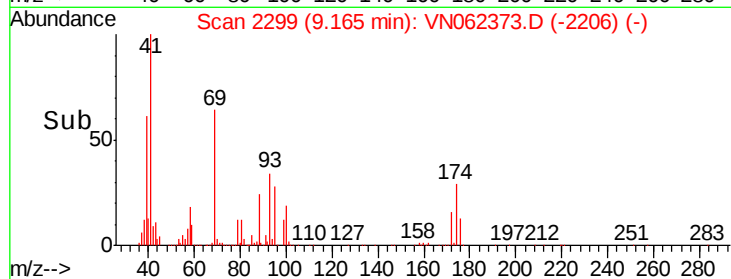
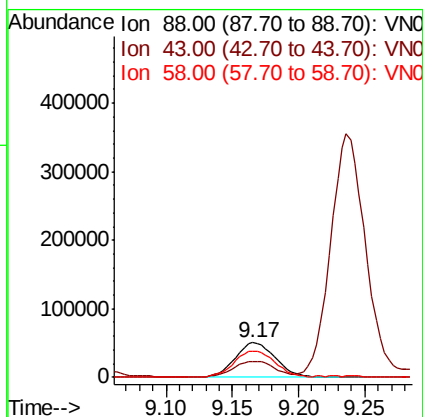
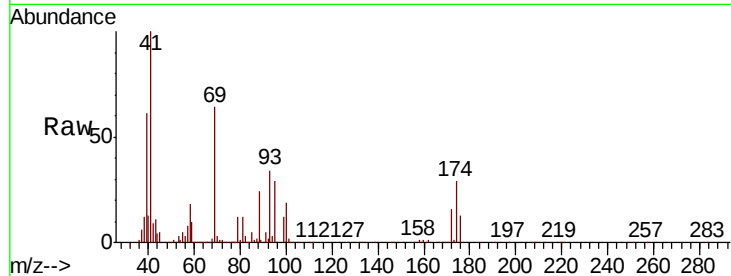




#49
1,4-Dioxane
Concen: 393.510 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

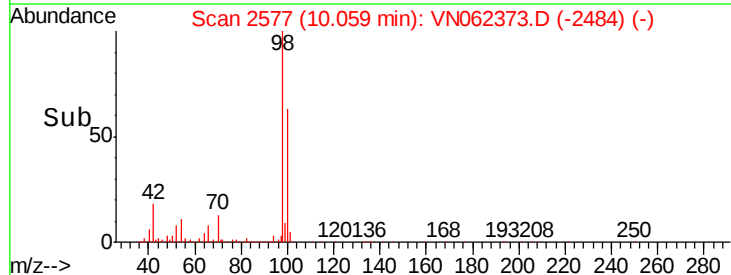
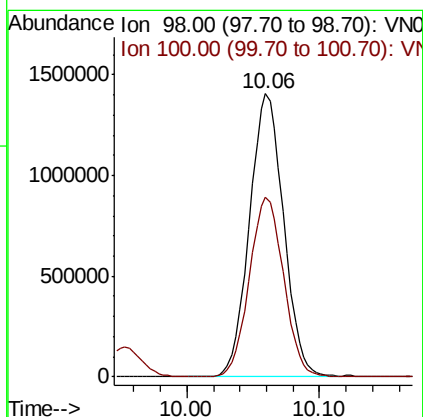
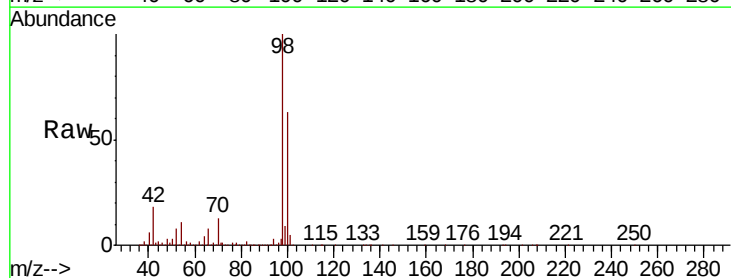
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

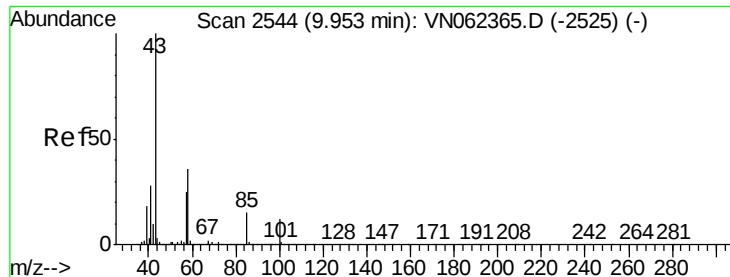
Tot Ion: 88 Resp: 107673
Ion Ratio Lower Upper
88 100
43 44.7 34.0 51.0
58 75.0 63.0 94.4



#50
Toluene-d8
Concen: 52.073 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 98 Resp: 2515983
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

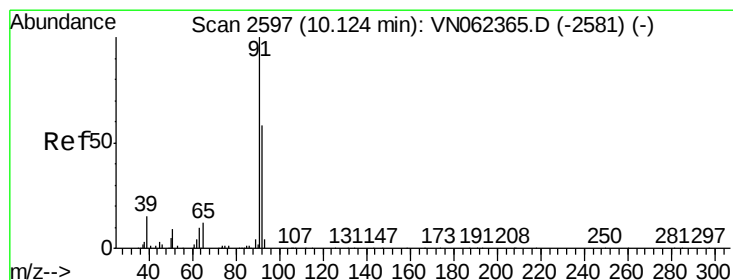
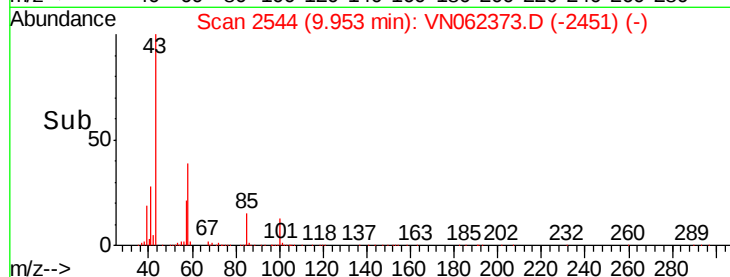
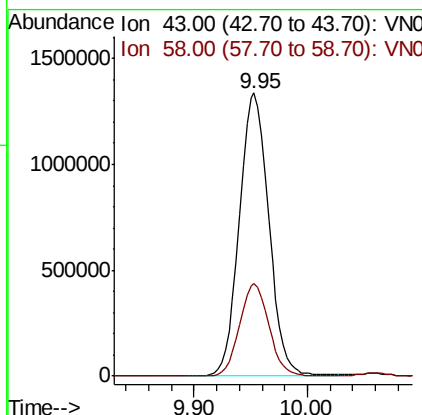
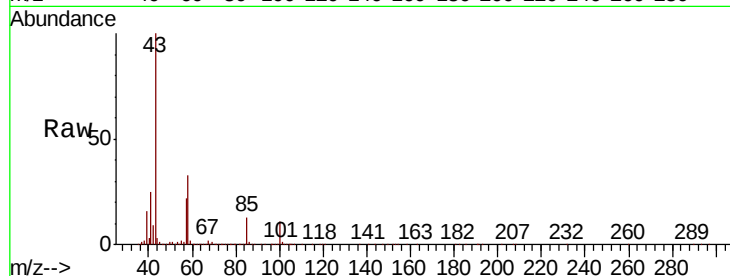




#51
4-Methyl-2-Pentanone
Concen: 97.661 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

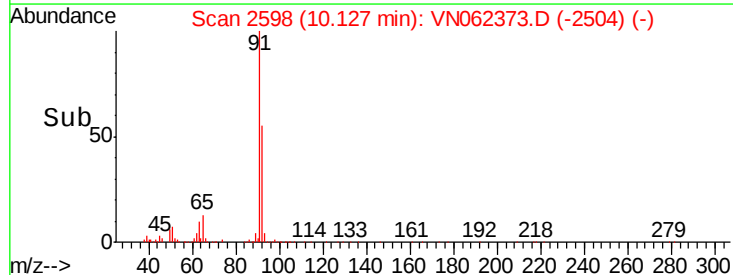
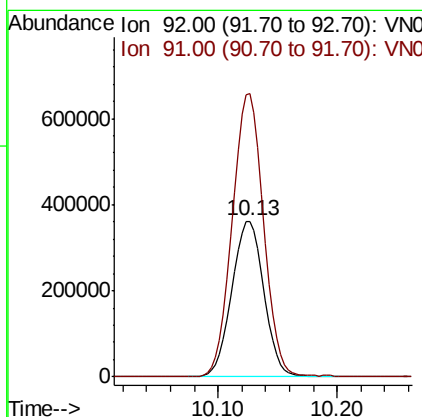
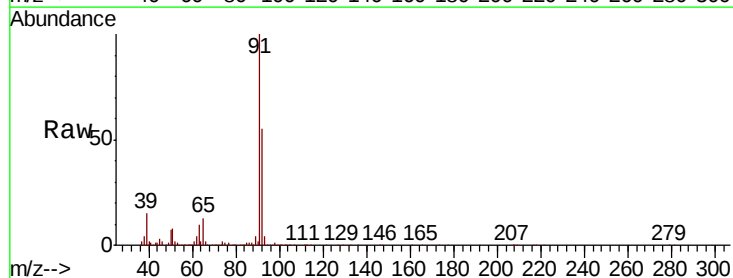
Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

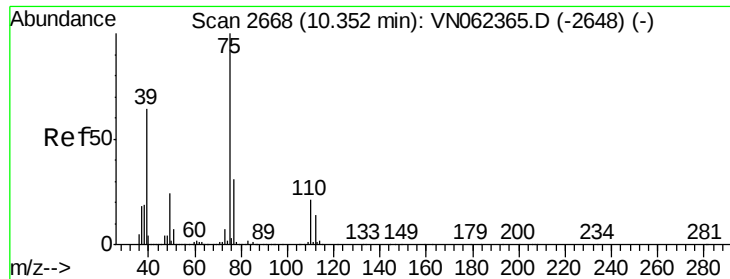
Tot Ion: 43 Resp: 2429849
Ion Ratio Lower Upper
43 100
58 32.4 27.6 41.4



#52
Toluene
Concen: 19.937 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 92 Resp: 674255
Ion Ratio Lower Upper
92 100
91 178.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.256 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

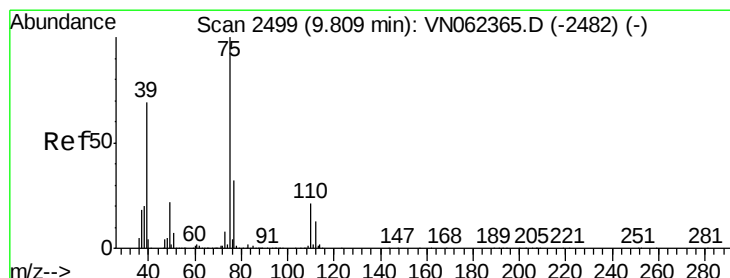
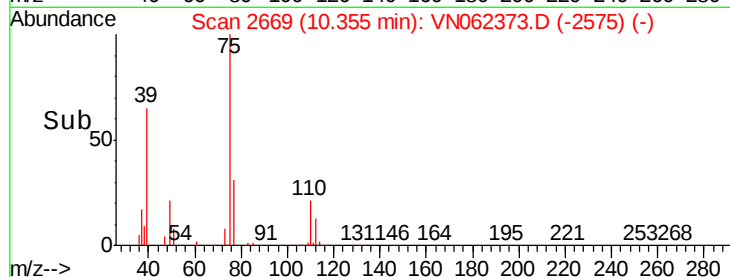
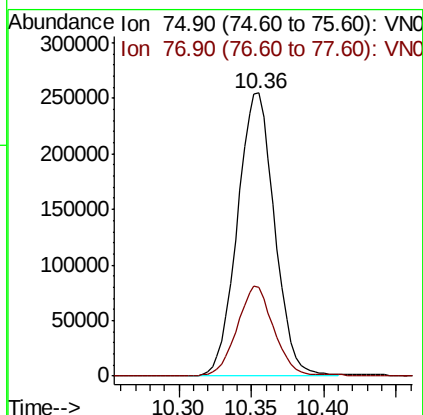
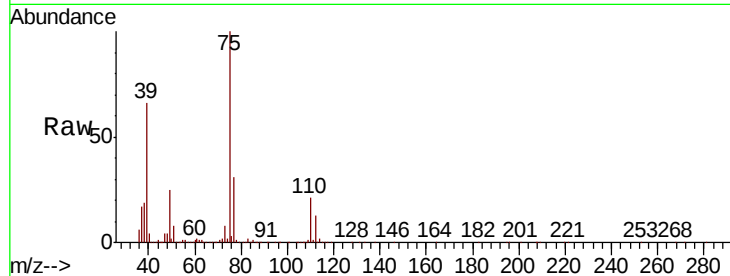
VN0706WBSD01

Tot Ion: 75 Resp: 453131

Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.681 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

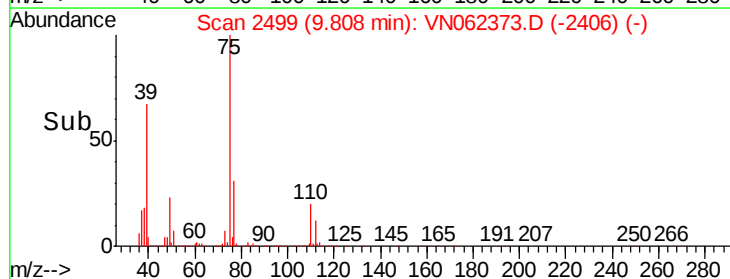
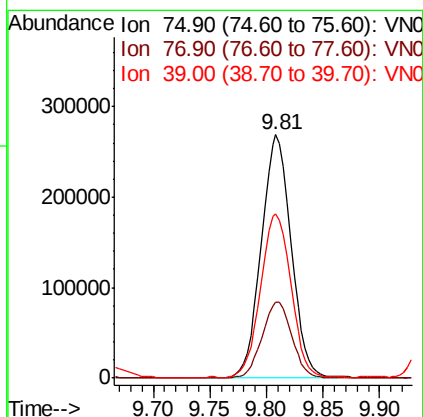
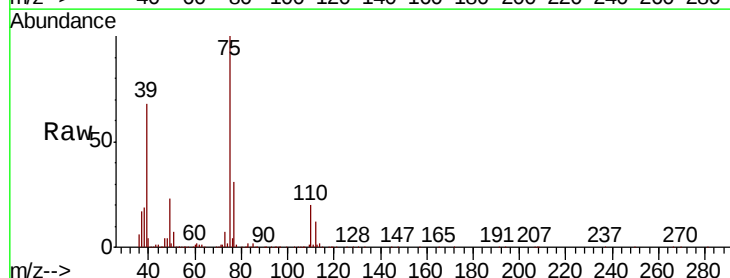
Tgt Ion: 75 Resp: 494177

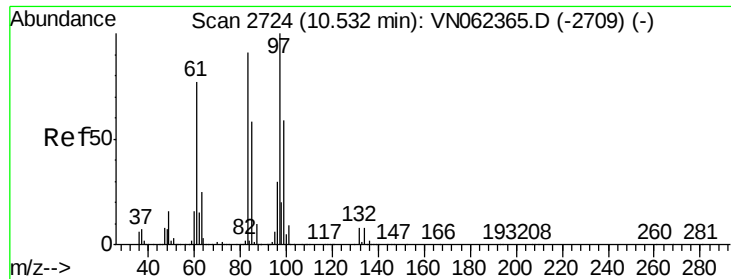
Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0

39 67.2 55.3 82.9

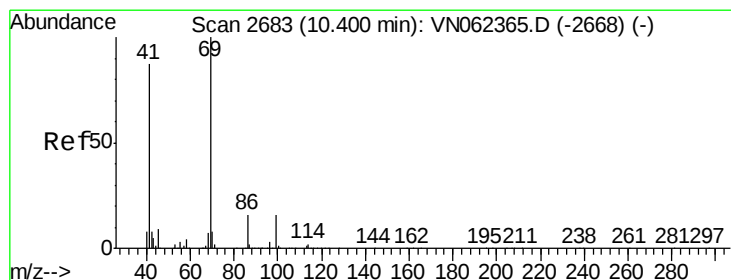
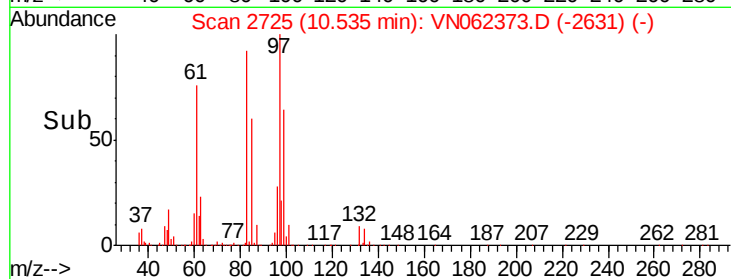
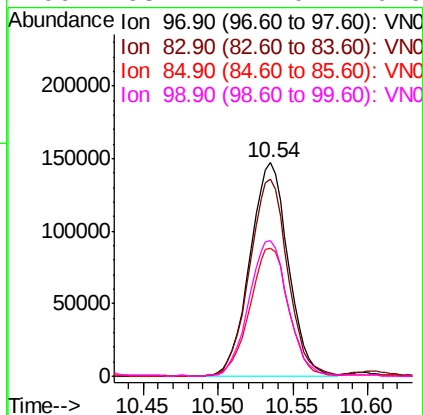
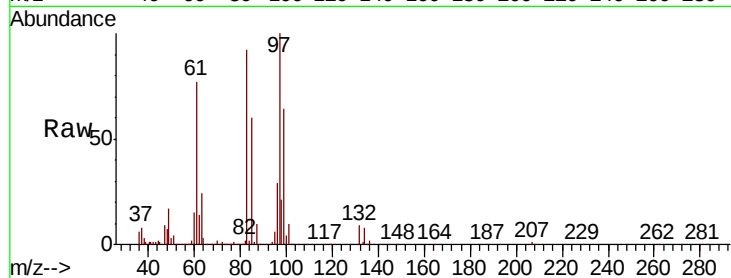




#55
 1,1,2-Trichloroethane
 Concen: 19.318 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

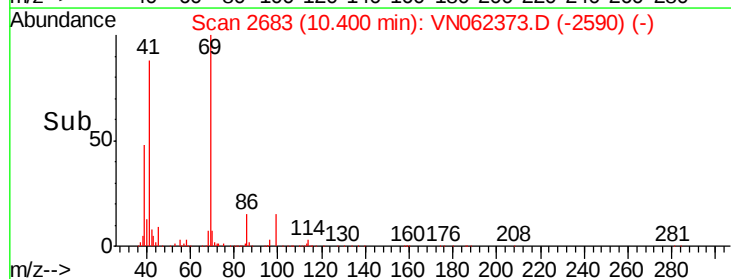
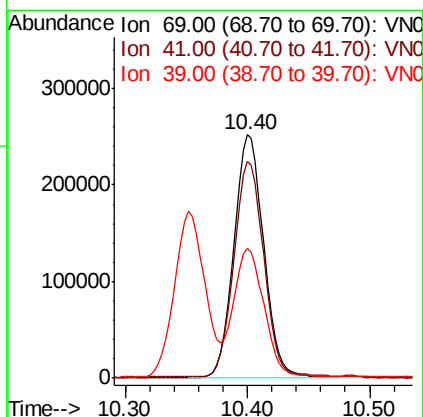
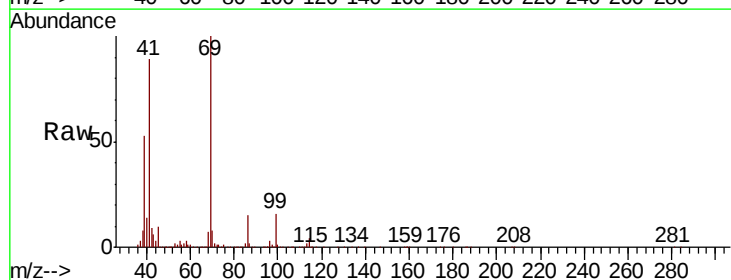
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

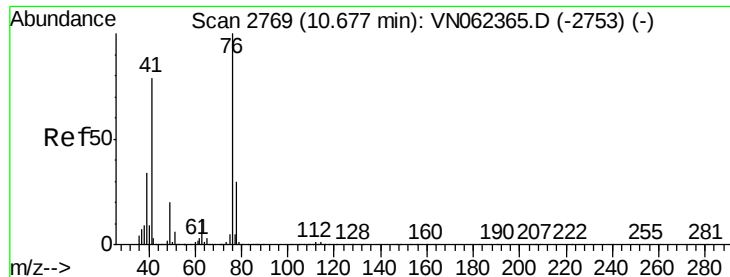
Tot Ion: 97 Resp: 261798
 Ion Ratio Lower Upper
 97 100
 83 92.1 72.4 108.6
 85 60.1 46.3 69.5
 99 63.4 47.0 70.6



#56
 Ethyl methacrylate
 Concen: 19.635 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion: 69 Resp: 428589
 Ion Ratio Lower Upper
 69 100
 41 88.6 69.4 104.0
 39 53.9 42.4 63.6





#57

1,3-Dichloropropane

Concen: 19.927 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

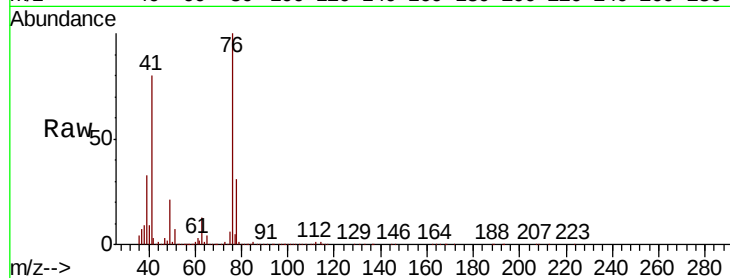
VN0706WBSD01

Tot Ion: 76 Resp: 501521

Ion Ratio Lower Upper

76 100

78 31.1 25.0 37.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

250000

200000

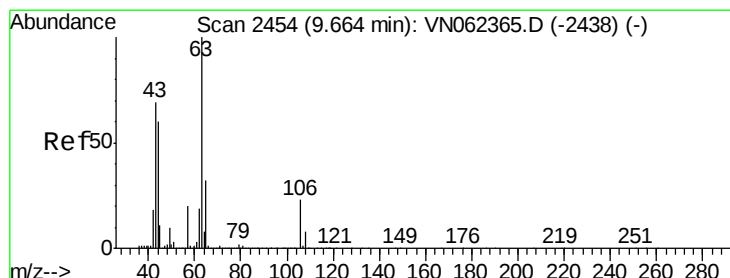
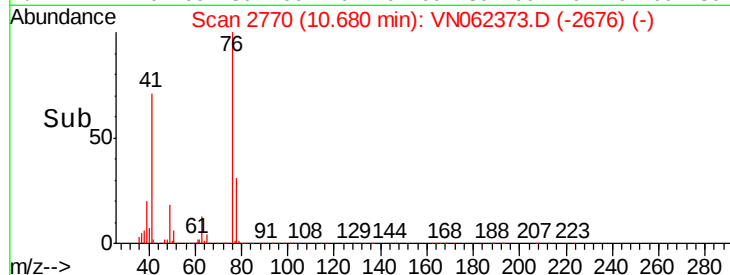
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.703 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062373.D

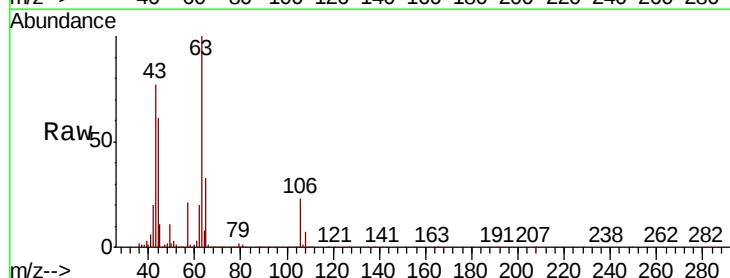
Acq: 6 Jul 2020 19:31

Tgt Ion: 63 Resp: 767060

Ion Ratio Lower Upper

63 100

106 23.0 18.0 27.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

500000

400000

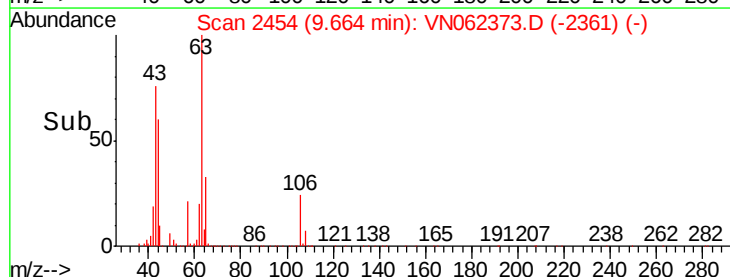
300000

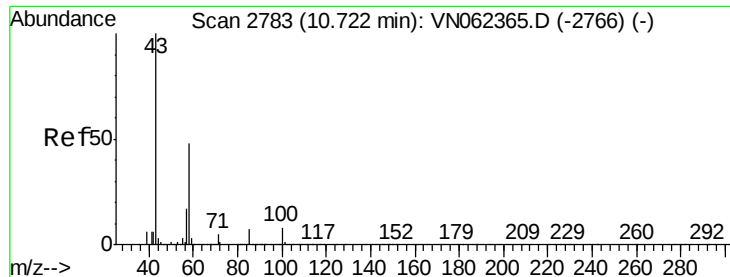
200000

100000

0

Time-->

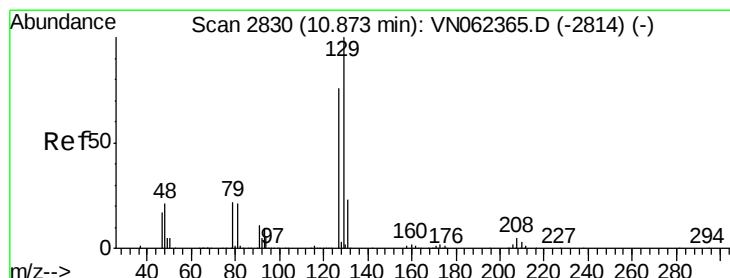
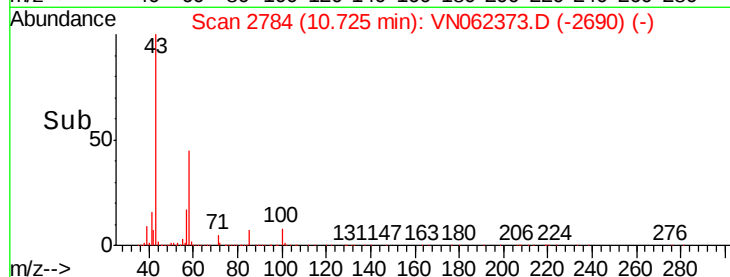
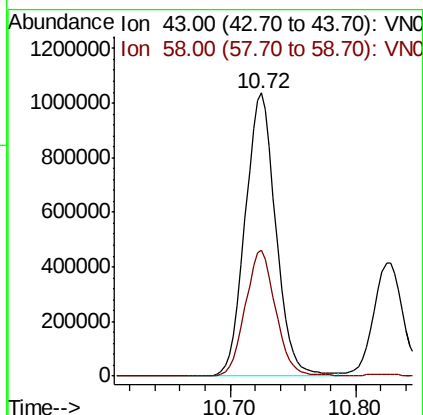
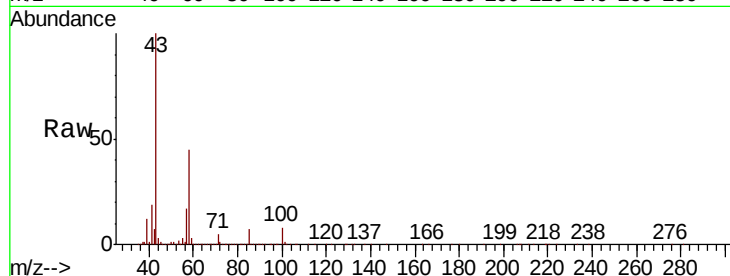




#59
2-Hexanone
Concen: 109.727 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

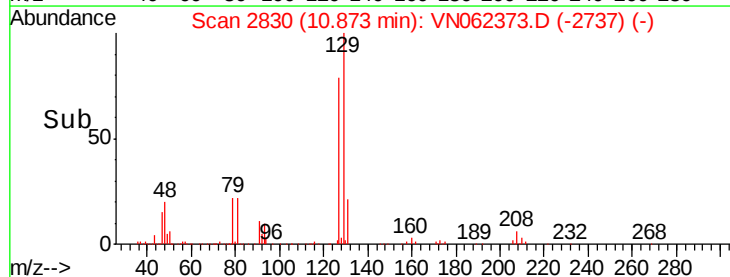
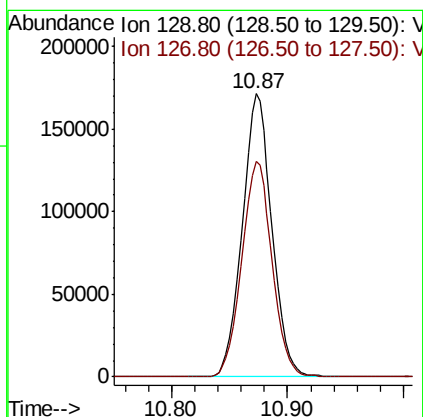
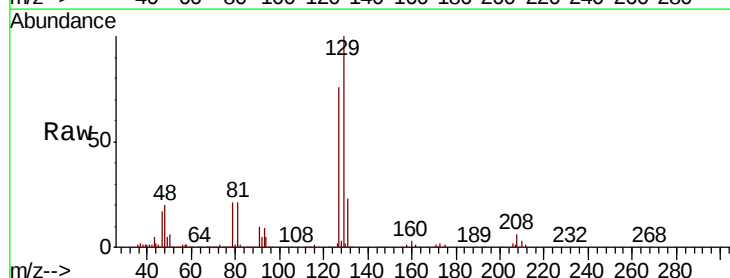
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

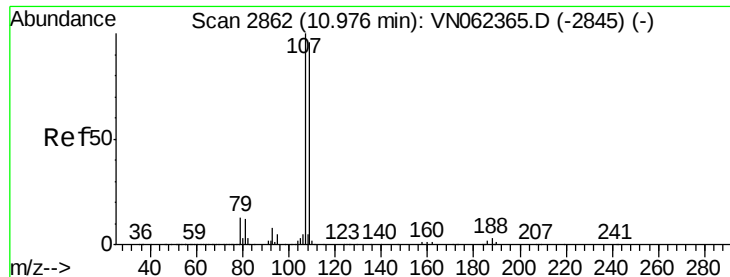
Tot Ion: 43 Resp: 175547
Ion Ratio Lower Upper
43 100
58 44.6 23.5 70.6



#60
Dibromochloromethane
Concen: 19.633 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion: 129 Resp: 303006
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3

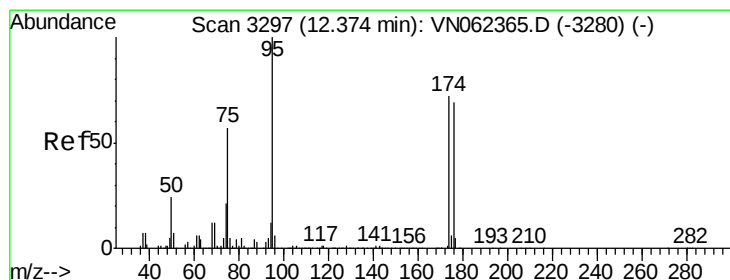
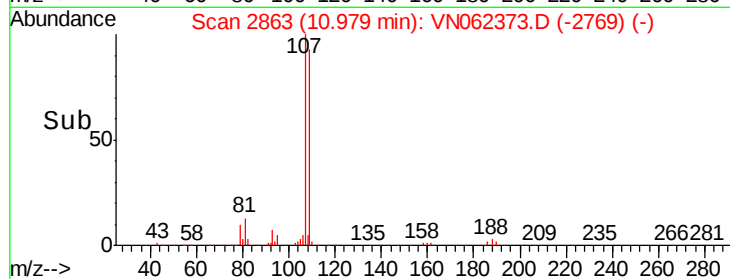
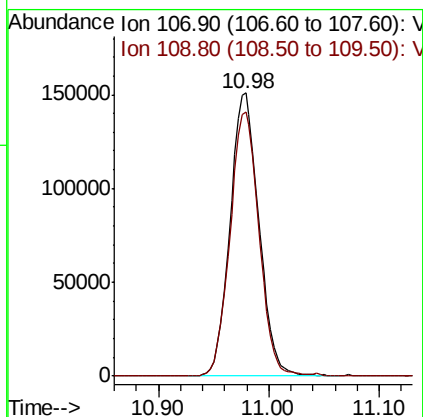
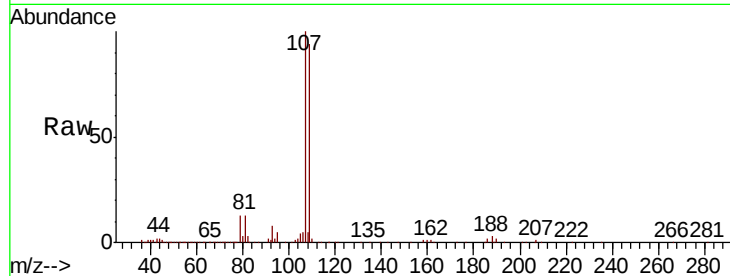




#61
 1,2-Dibromoethane
 Concen: 19.708 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

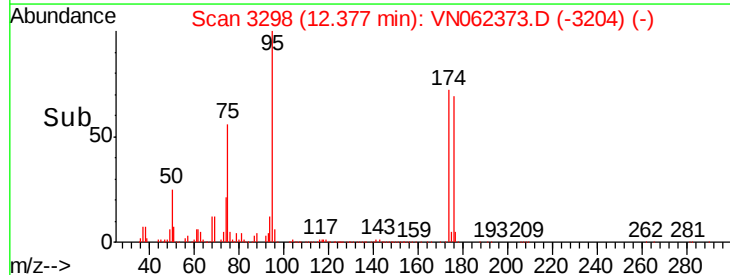
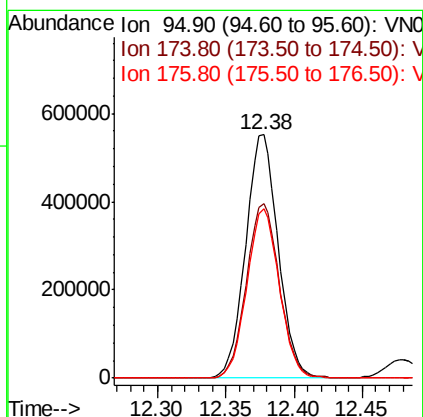
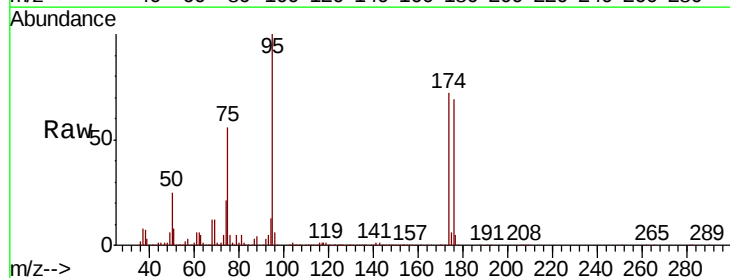
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

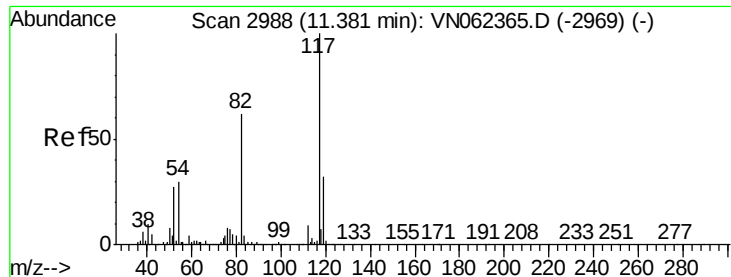
Tot Ion: 107 Resp: 274199
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 49.428 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion: 95 Resp: 914631
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 145.8
 176 69.4 0.0 140.2

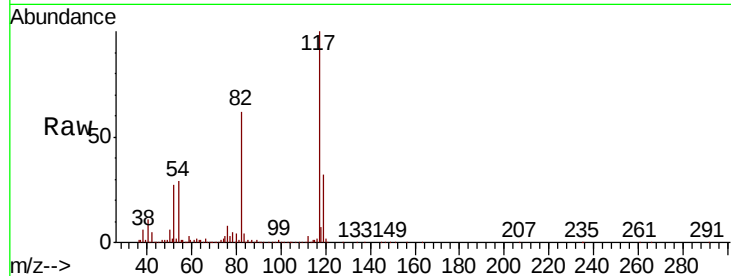




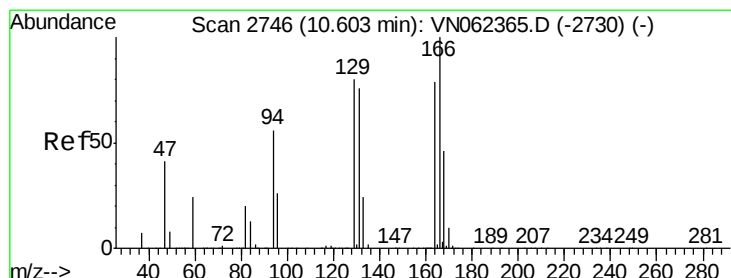
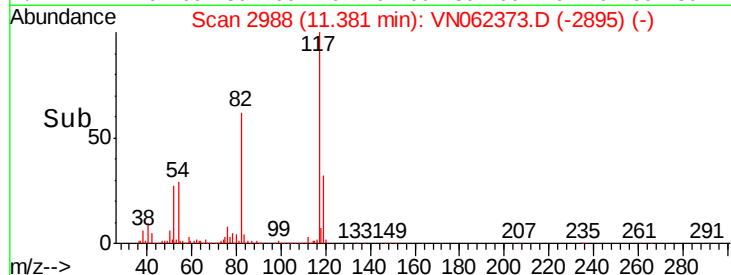
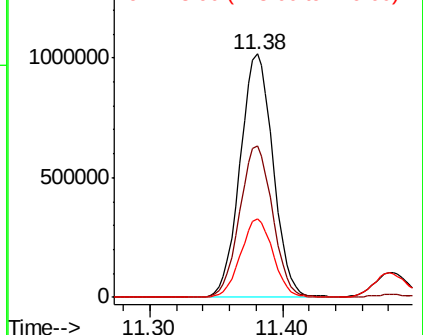
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampled :
VN0706WBSD01

Tot Ion:117 Resp: 175552
Ion Ratio Lower Upper
117 100
82 62.0 49.4 74.2
119 32.3 25.6 38.4

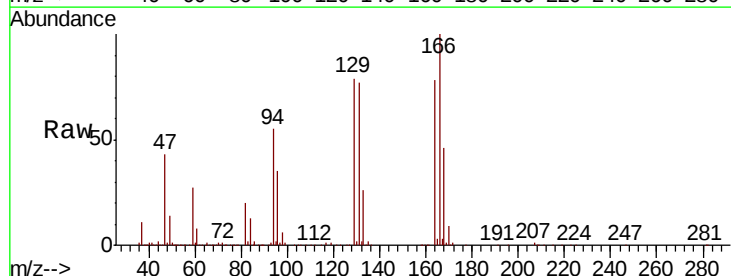


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

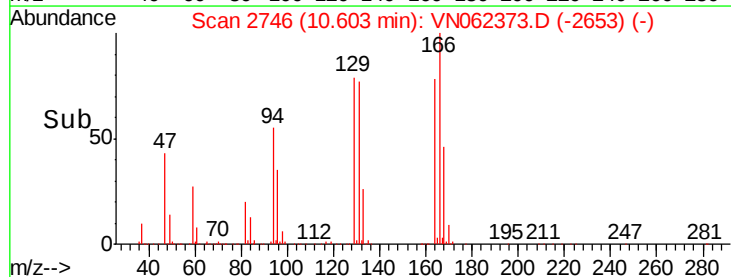
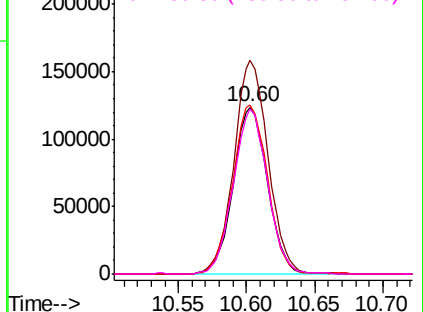


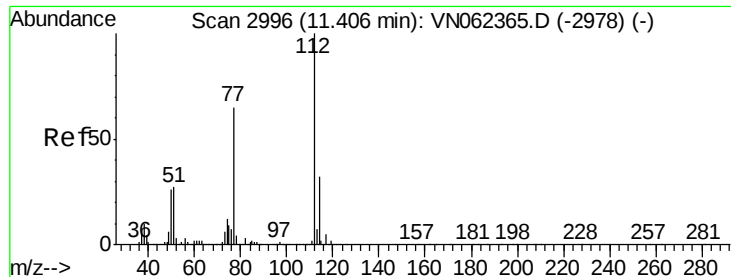
#64
Tetrachloroethene
Concen: 19.067 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion:164 Resp: 215373
Ion Ratio Lower Upper
164 100
166 127.9 101.6 152.4
129 101.6 81.4 122.2
131 98.8 77.1 115.7



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





#65

Chlorobenzene

Concen: 19.670 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

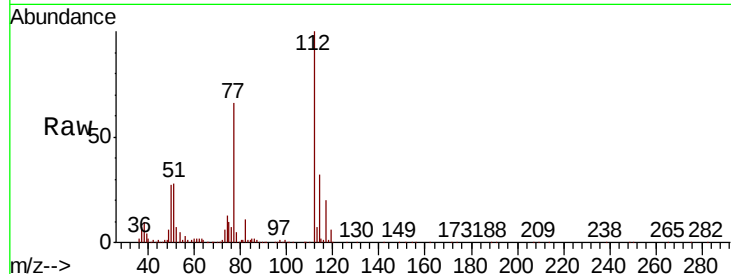
VN0706WBSD01

Tot Ion:112 Resp: 708217

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

400000

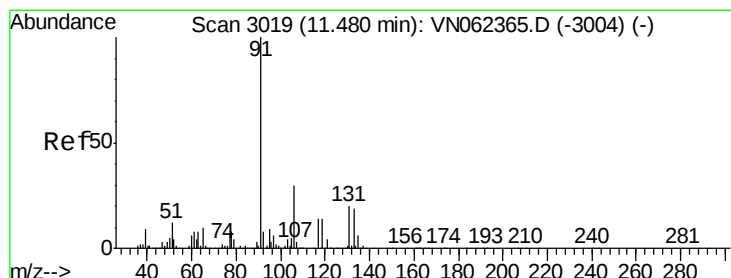
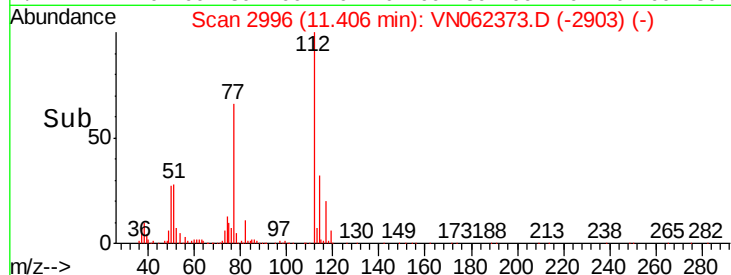
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 20.272 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

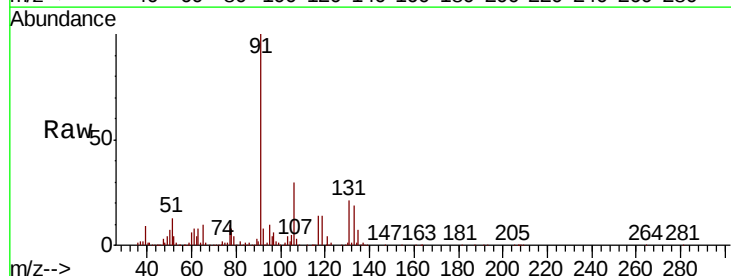
Tgt Ion:131 Resp: 274454

Ion Ratio Lower Upper

131 100

133 92.2 47.3 141.9

119 65.1 33.3 99.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

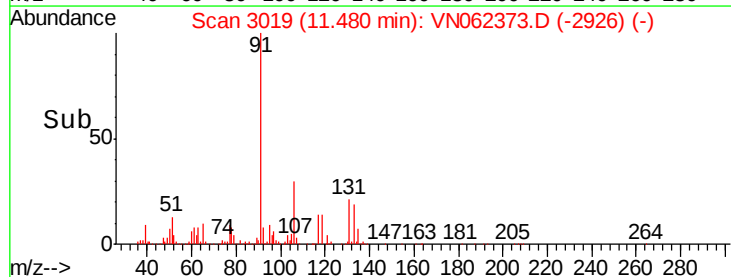
300000

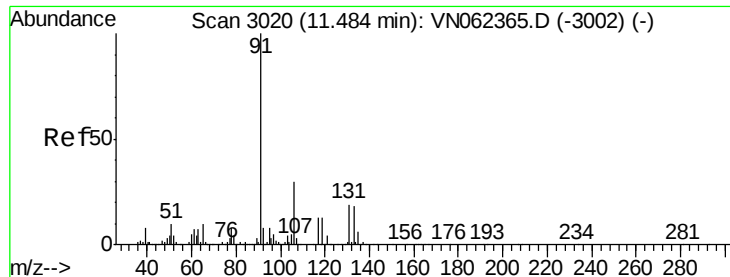
200000

100000

0

Time--> 11.40 11.50





#67

Ethyl Benzene

Concen: 20.766 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

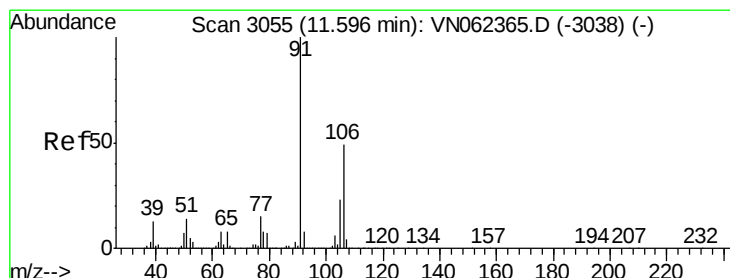
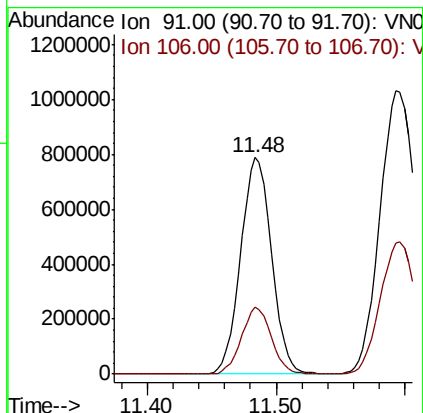
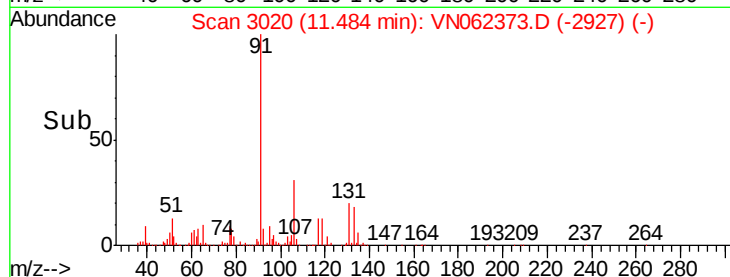
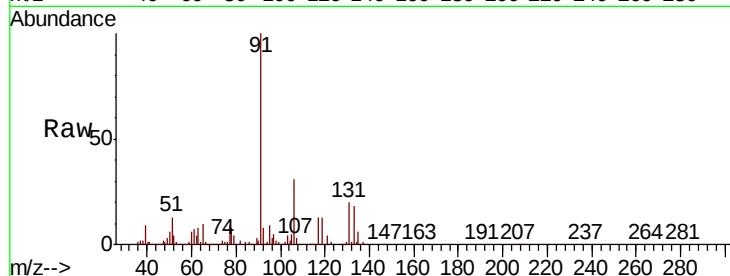
VN0706WBSD01

Tot Ion: 91 Resp: 1320280

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.2



#68

m/p-Xylenes

Concen: 40.061 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062373.D

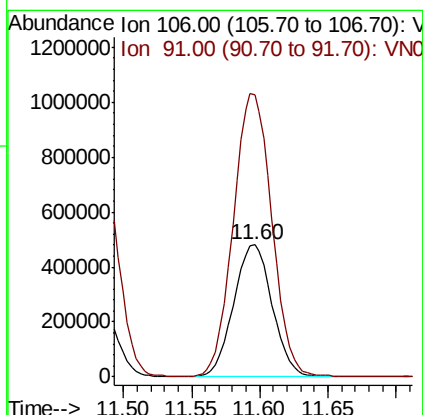
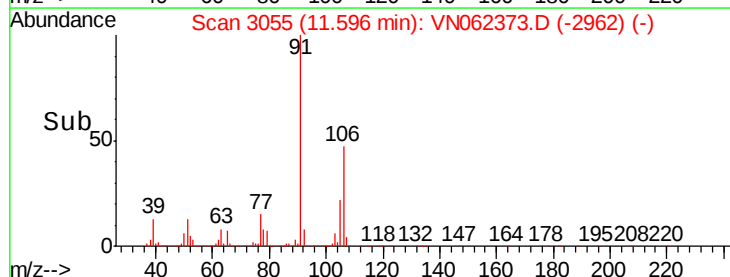
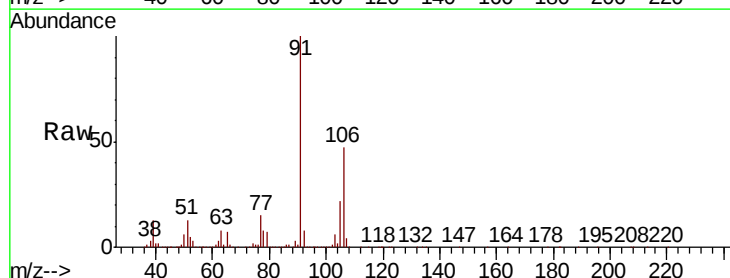
Acq: 6 Jul 2020 19:31

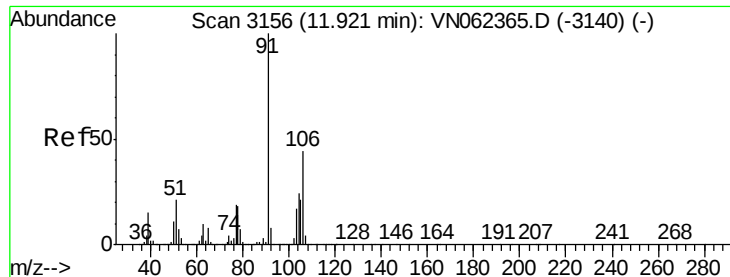
Tgt Ion: 106 Resp: 936187

Ion Ratio Lower Upper

106 100

91 215.4 165.4 248.2

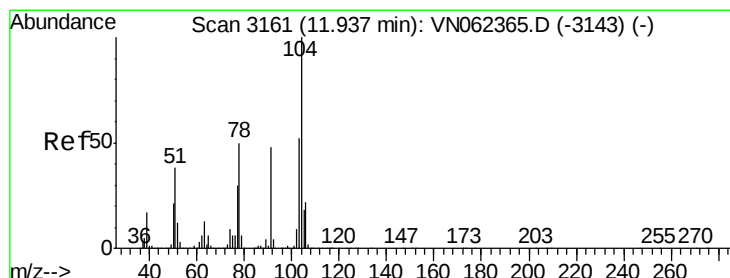
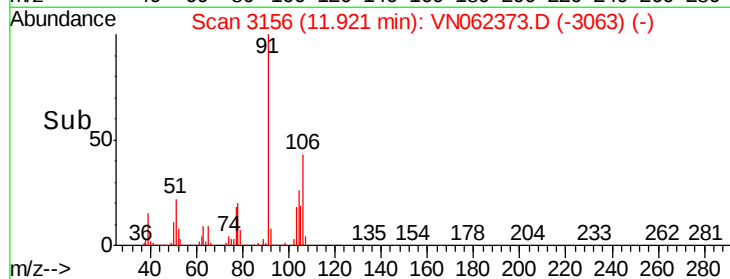
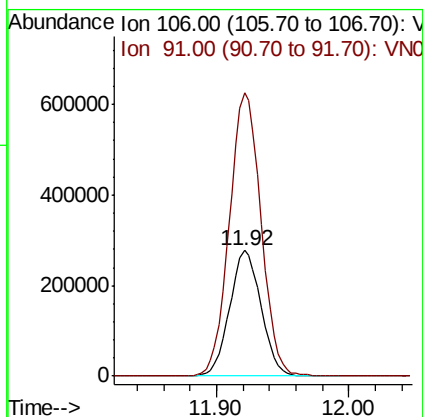
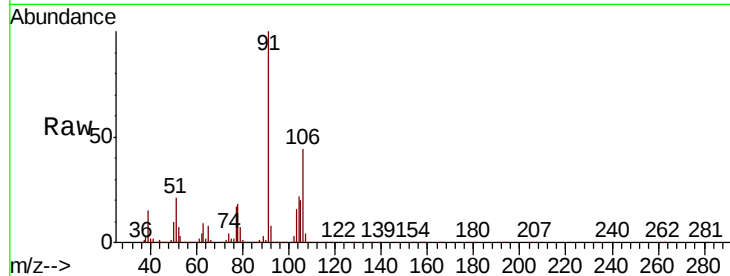




#69
o-Xylene
Concen: 19.829 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

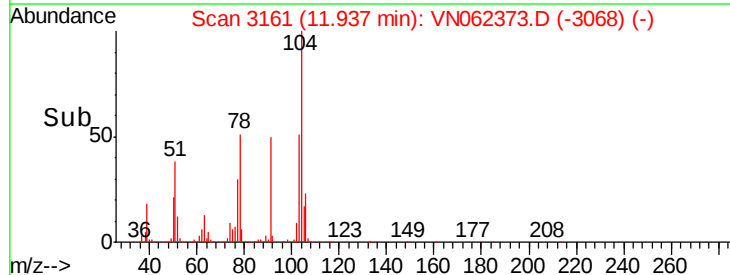
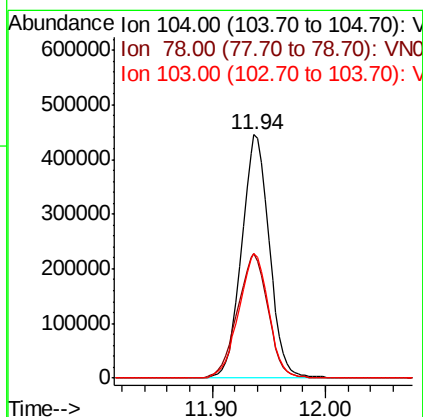
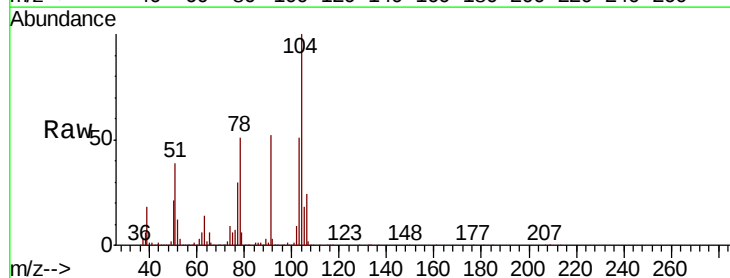
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

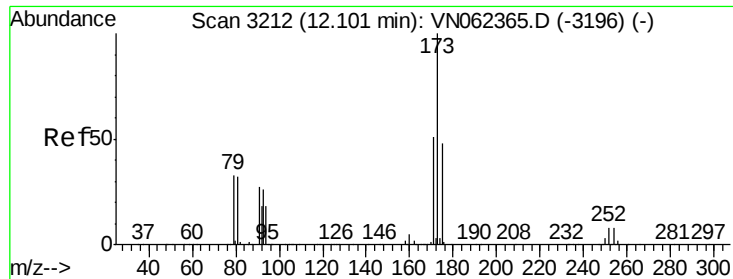
Tot Ion:106 Resp: 455784
Ion Ratio Lower Upper
106 100
91 226.9 113.1 339.4



#70
Styrene
Concen: 20.039 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion:104 Resp: 761133
Ion Ratio Lower Upper
104 100
78 56.2 44.8 67.2
103 55.2 45.0 67.4





#71

Bromoform

Concen: 18.704 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

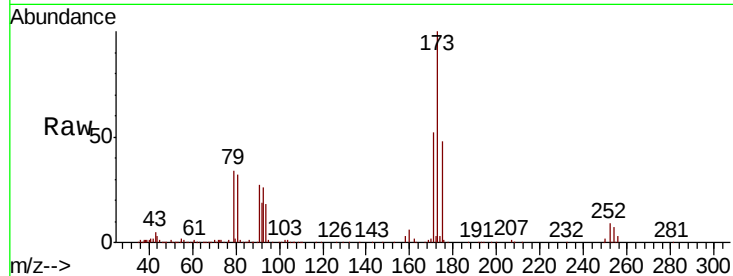
Tot Ion:173 Resp: 198830

Ion Ratio Lower Upper

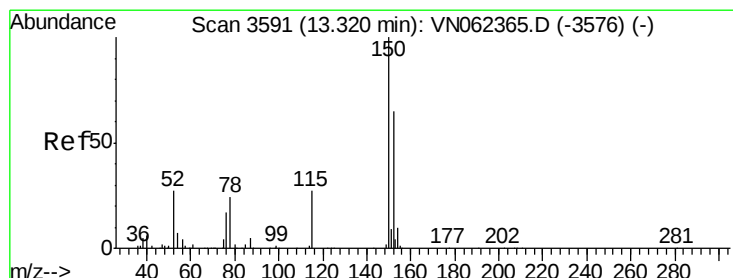
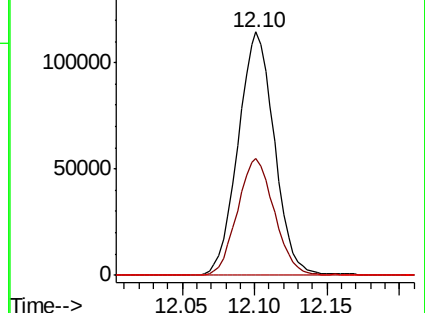
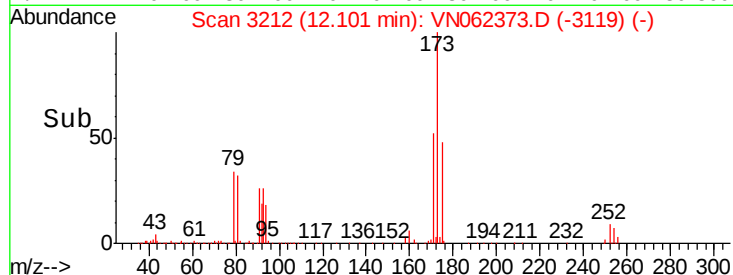
173 100

175 48.6 24.1 72.2

254 0.2 0.2 0.2



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: VN062373.D

Acq: 6 Jul 2020 19:31

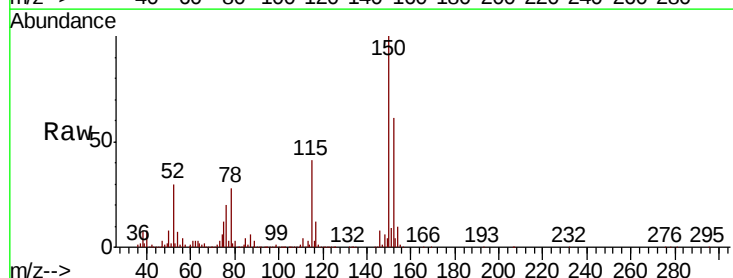
Tgt Ion:152 Resp: 791674

Ion Ratio Lower Upper

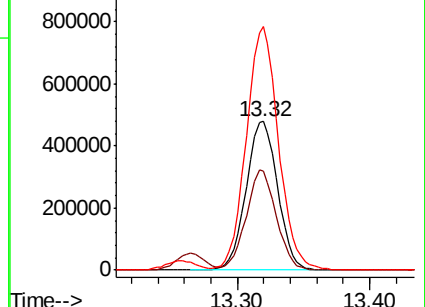
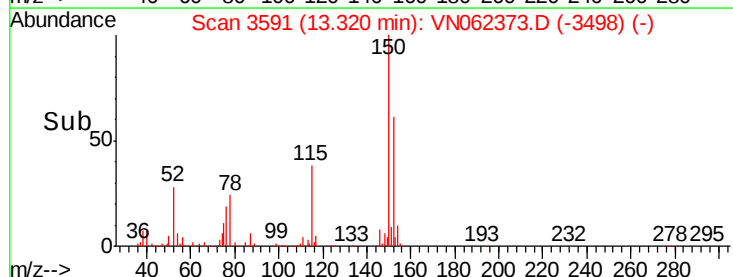
152 100

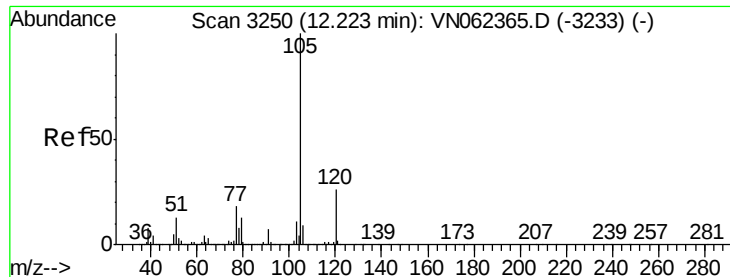
115 63.9 30.5 91.5

150 166.7 0.0 346.8



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





#73

Isopropylbenzene

Concen: 19.844 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

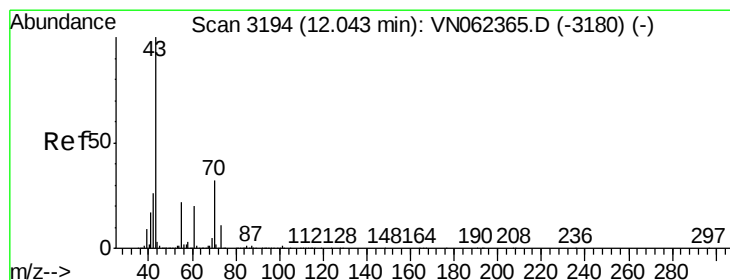
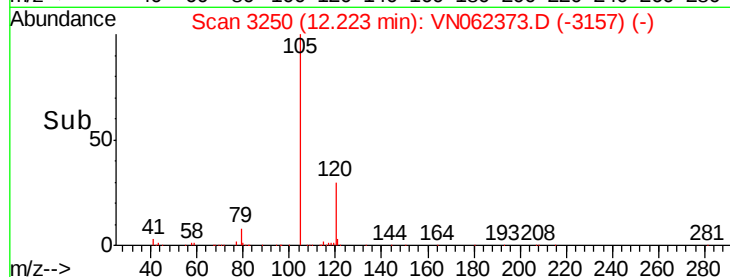
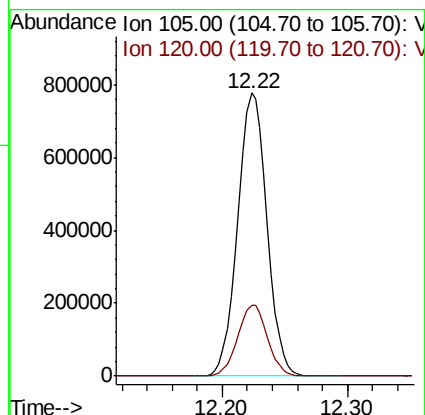
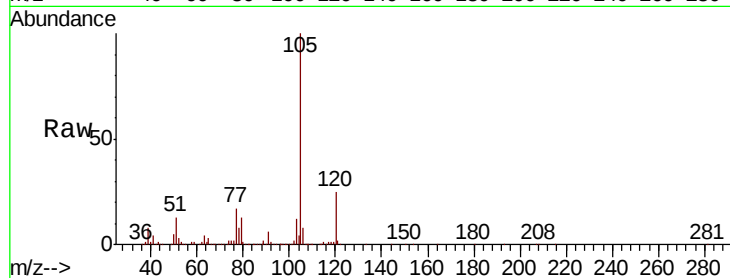
VN0706WBSD01

Tot Ion:105 Resp: 1255558

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 20.764 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Tgt Ion: 43 Resp: 653432

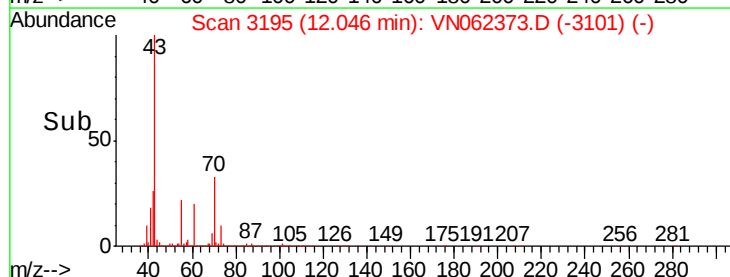
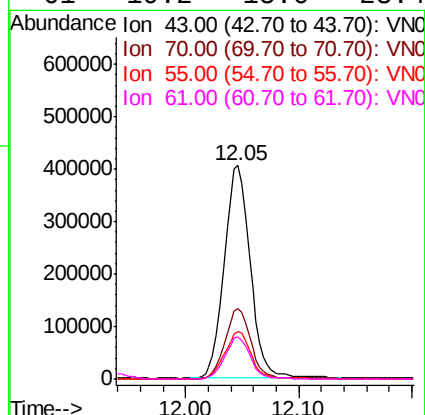
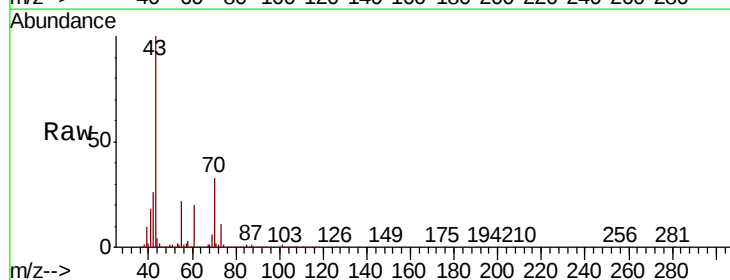
Ion Ratio Lower Upper

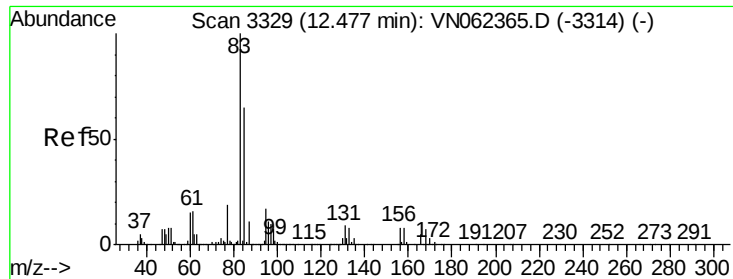
43 100

70 32.6 25.9 38.9

55 22.0 17.4 26.0

61 19.2 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.860 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

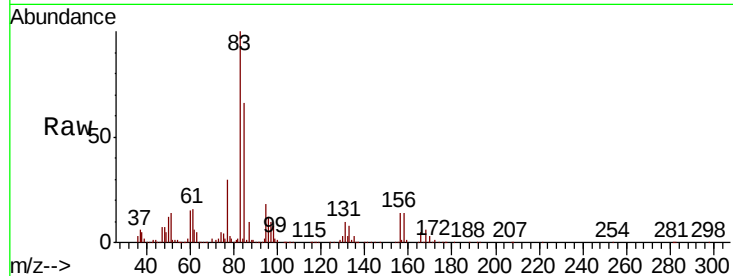
Tot Ion: 83 Resp: 406777

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

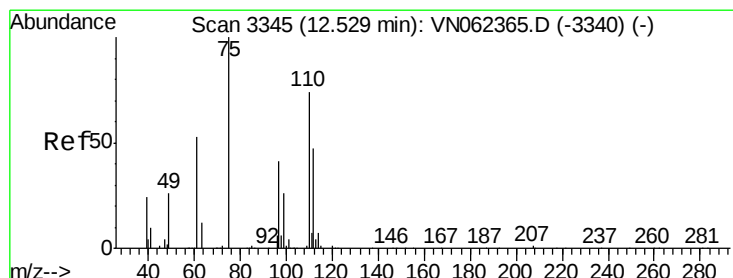
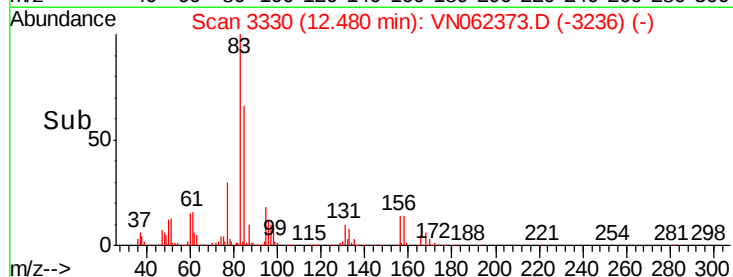
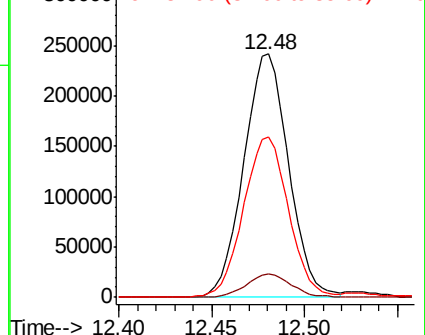
85 66.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.821 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062373.D

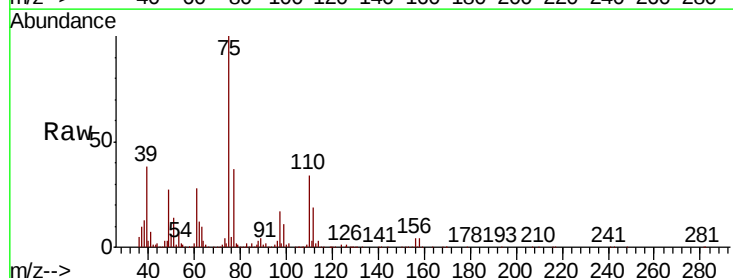
Acq: 6 Jul 2020 19:31

Tgt Ion: 75 Resp: 551124

Ion Ratio Lower Upper

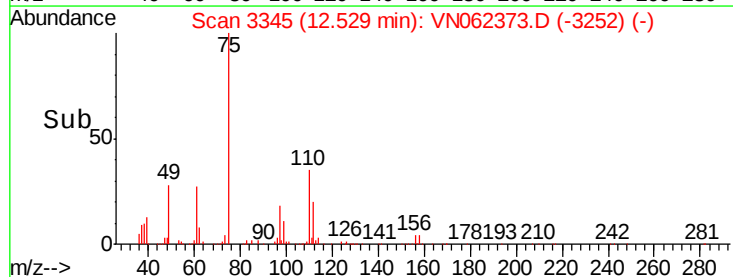
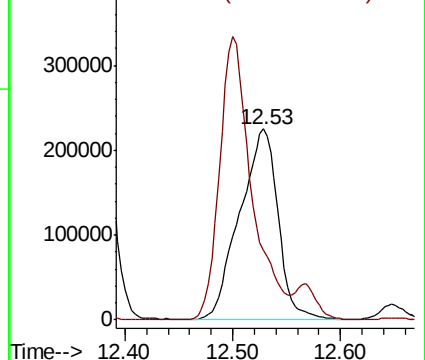
75 100

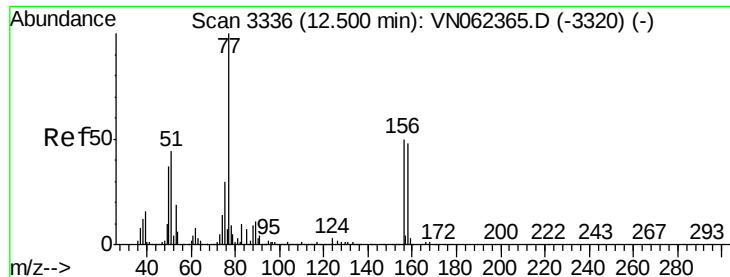
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.668 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

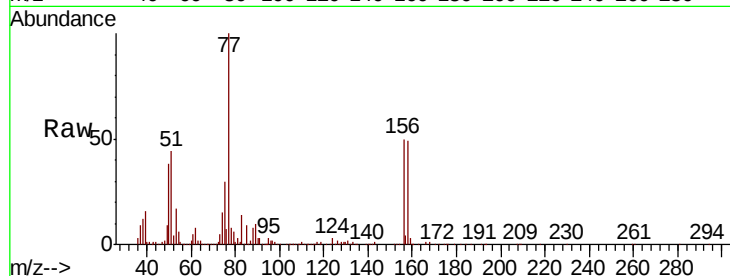
Tot Ion:156 Resp: 286057

Ion Ratio Lower Upper

156 100

77 240.9 123.3 369.8

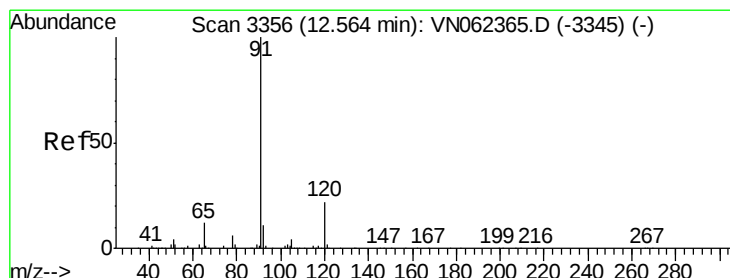
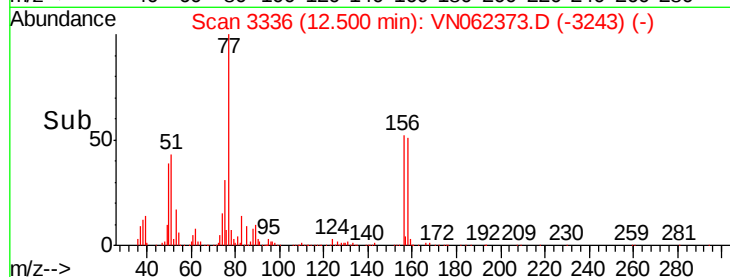
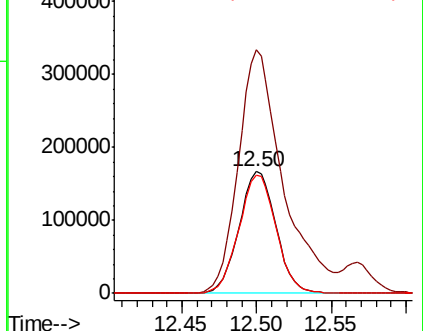
158 98.3 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.503 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062373.D

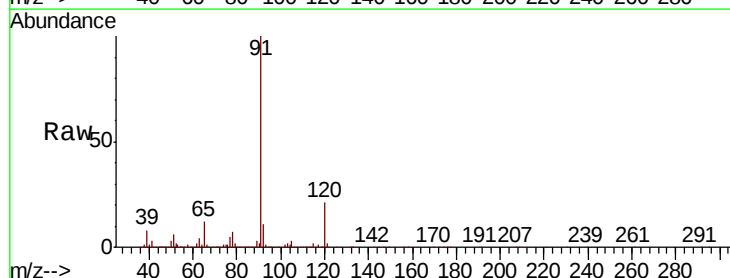
Acq: 6 Jul 2020 19:31

Tgt Ion: 91 Resp: 1455772

Ion Ratio Lower Upper

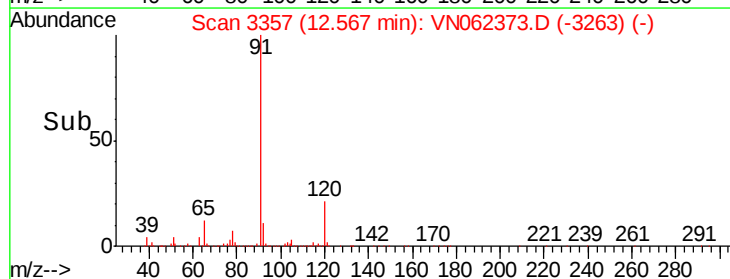
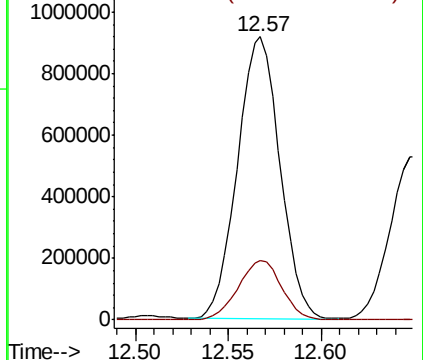
91 100

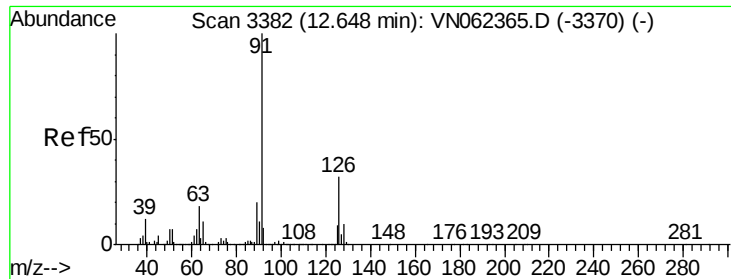
120 21.5 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.691 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

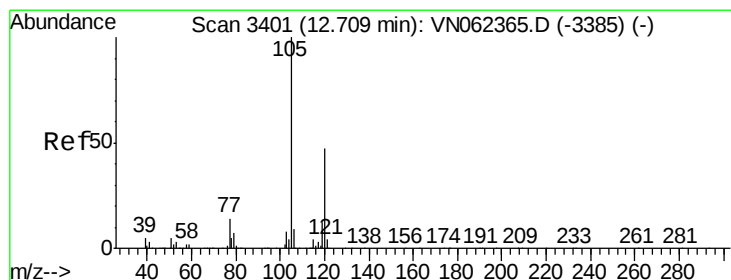
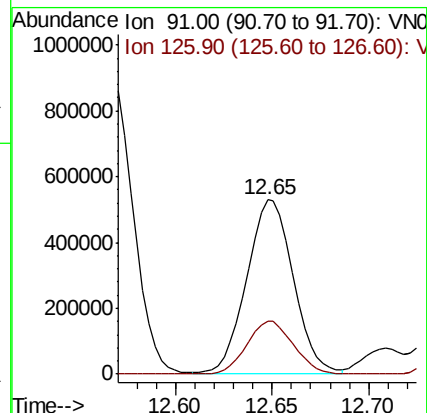
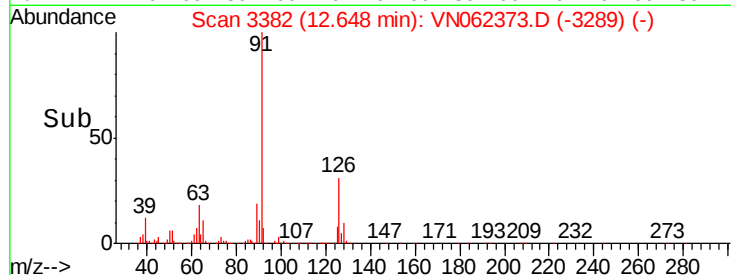
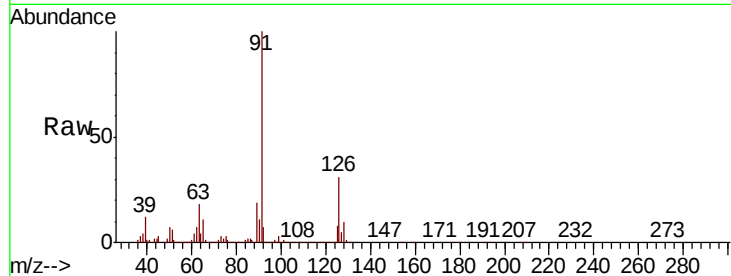
VN0706WBSD01

Tot Ion: 91 Resp: 879747

Ion Ratio Lower Upper

91 100

126 30.8 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 21.032 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062373.D

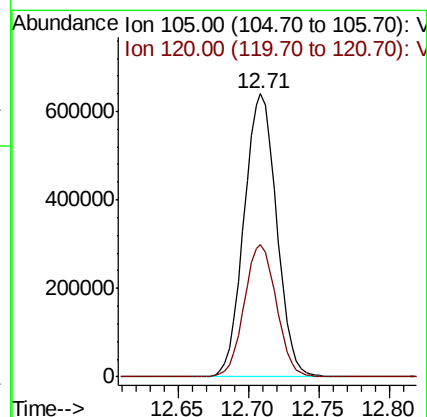
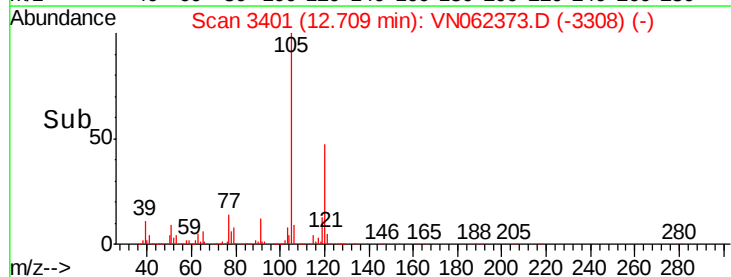
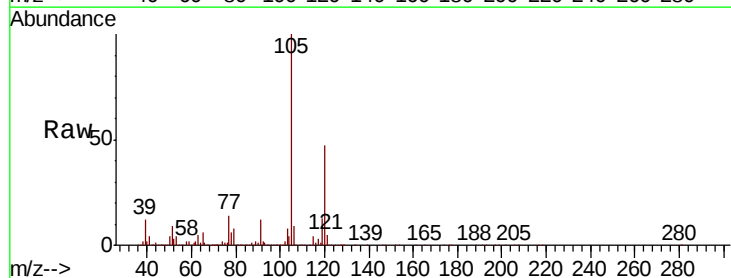
Acq: 6 Jul 2020 19:31

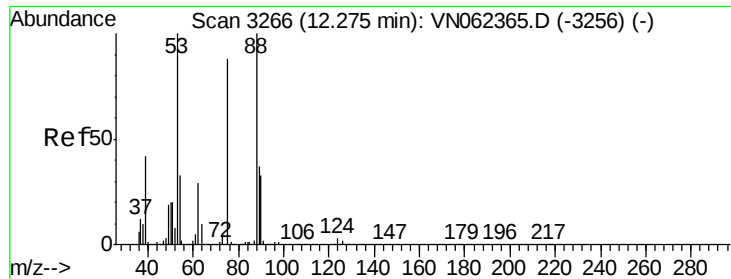
Tgt Ion: 105 Resp: 1035872

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.366 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

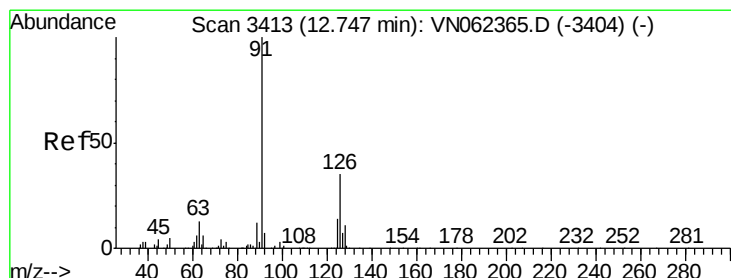
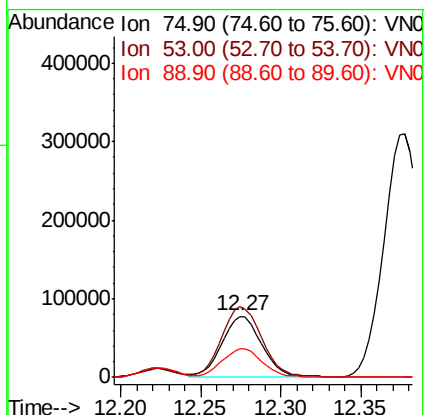
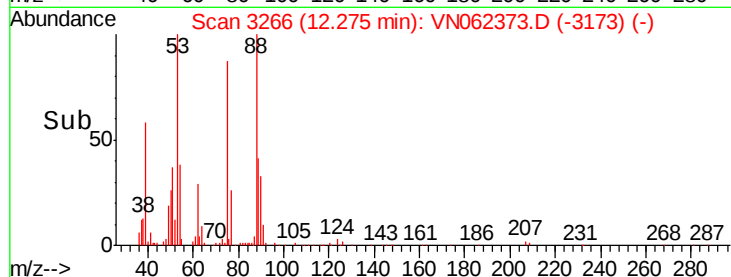
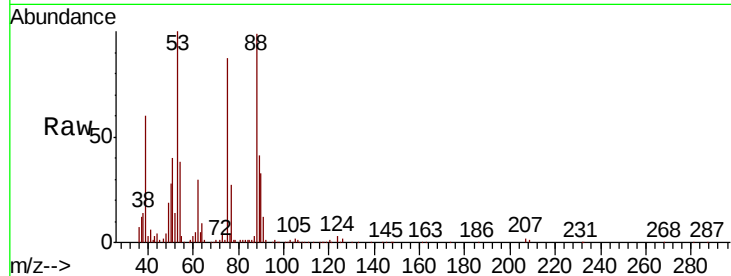
Tot Ion: 75 Resp: 129498

Ion Ratio Lower Upper

75 100

53 116.3 92.3 138.5

89 47.3 37.0 55.4



#82

4-Chlorotoluene

Concen: 20.556 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062373.D

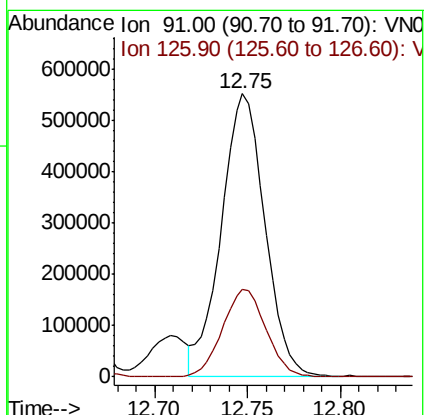
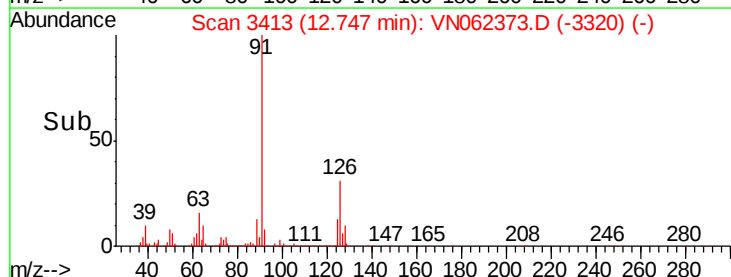
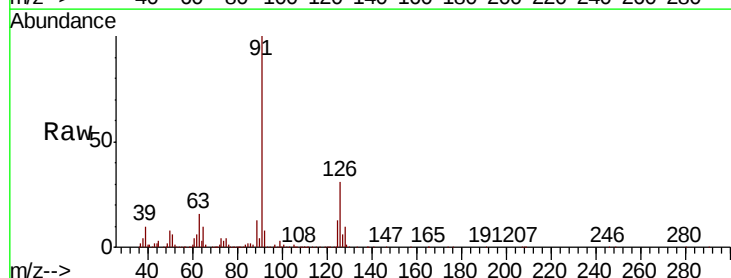
Acq: 6 Jul 2020 19:31

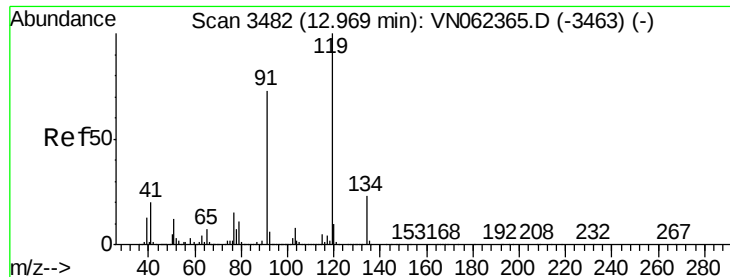
Tgt Ion: 91 Resp: 893946

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.7





#83

tert-Butylbenzene

Concen: 20.893 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

VN0706WBSD01

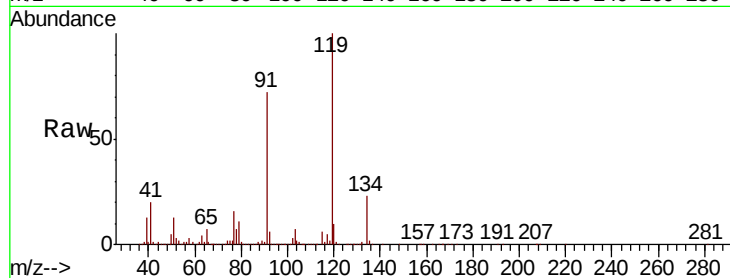
Tot Ion:119 Resp: 872046

Ion Ratio Lower Upper

119 100

91 71.1 36.4 109.1

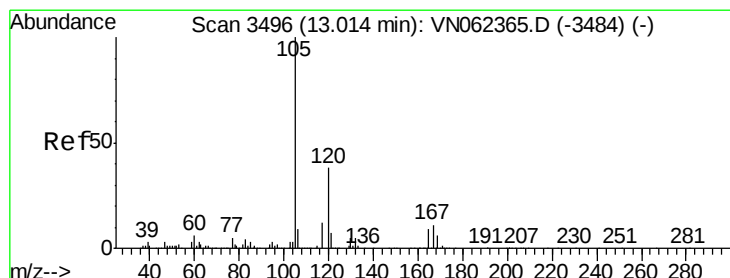
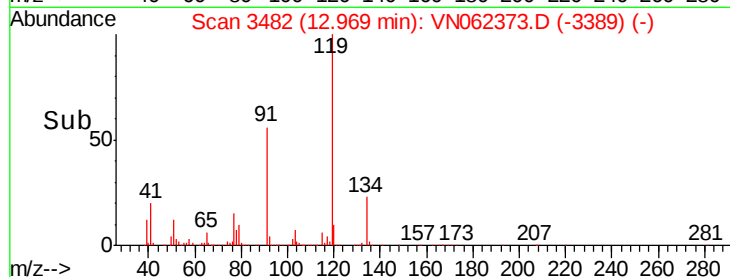
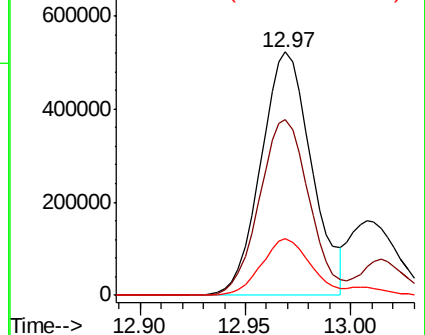
134 23.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.921 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062373.D

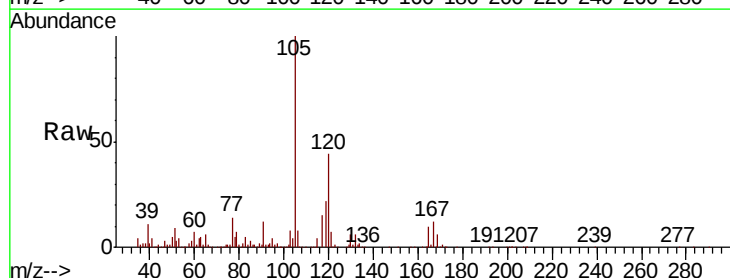
Acq: 6 Jul 2020 19:31

Tgt Ion:105 Resp: 1018572

Ion Ratio Lower Upper

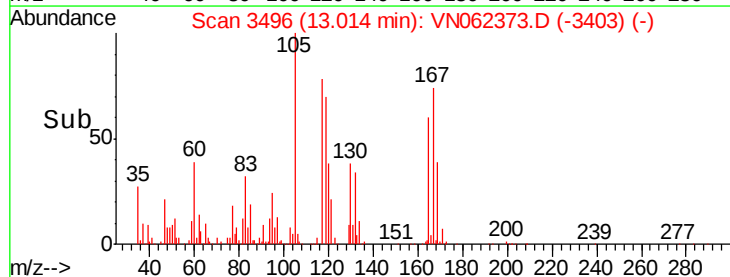
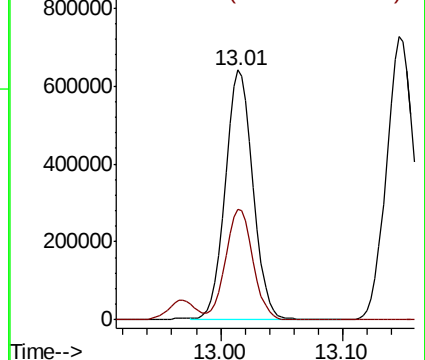
105 100

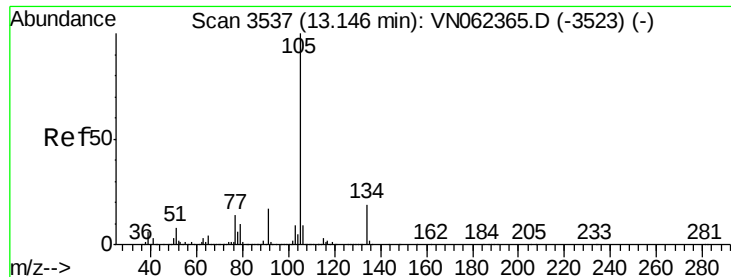
120 43.6 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.714 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

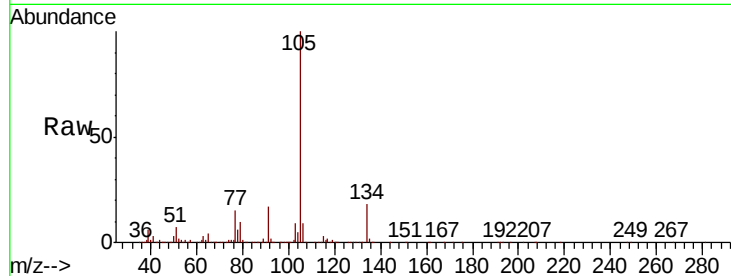
VN0706WBSD01

Tot Ion:105 Resp: 1160927

Ion Ratio Lower Upper

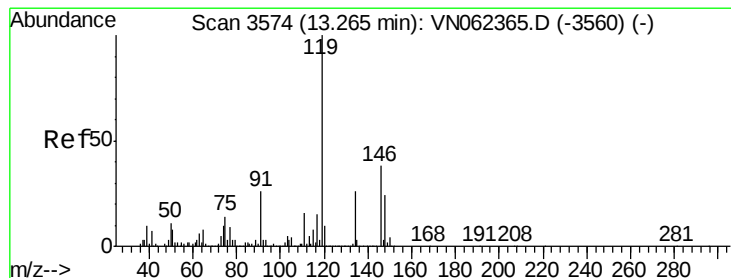
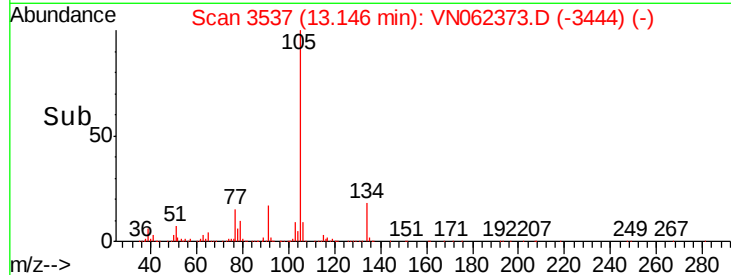
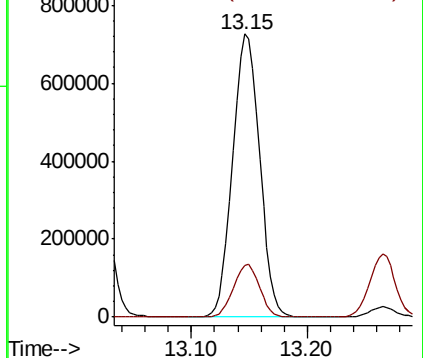
105 100

134 18.2 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.202 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

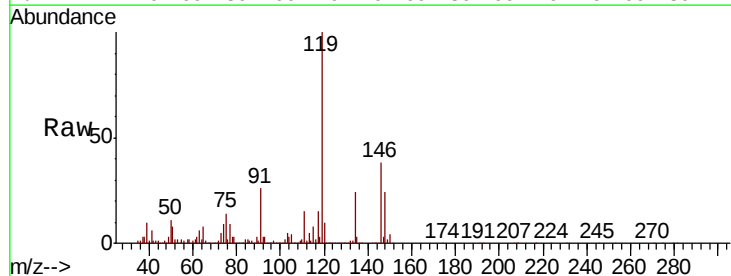
Tgt Ion:119 Resp: 1021645

Ion Ratio Lower Upper

119 100

134 24.3 12.7 38.1

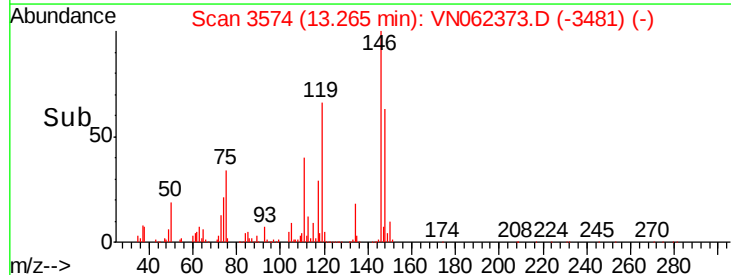
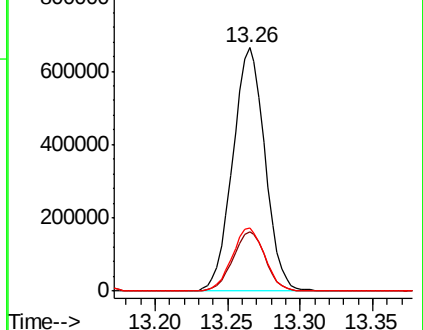
91 26.0 13.1 39.3

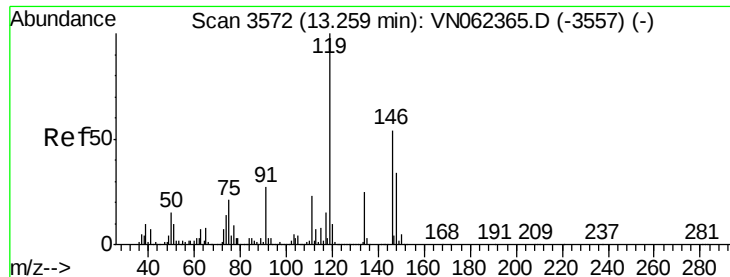


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.095 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBSD01

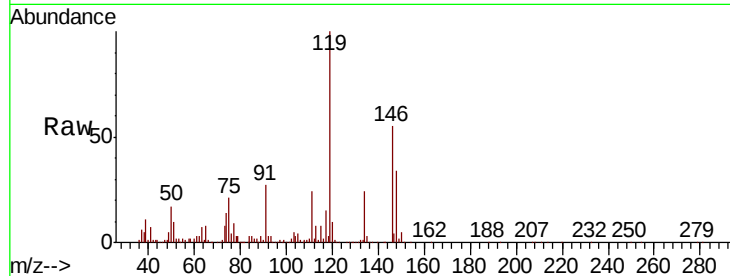
Tot Ion:146 Resp: 500583

Ion Ratio Lower Upper

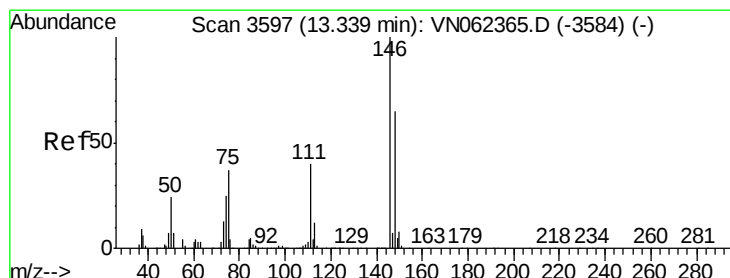
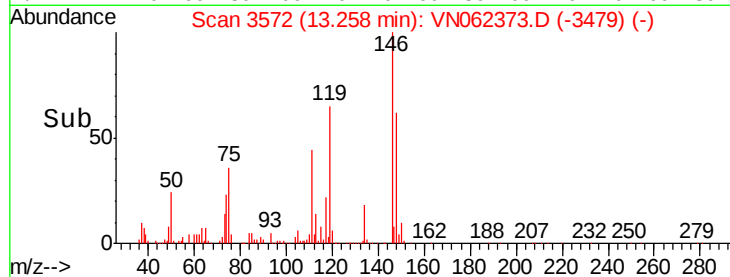
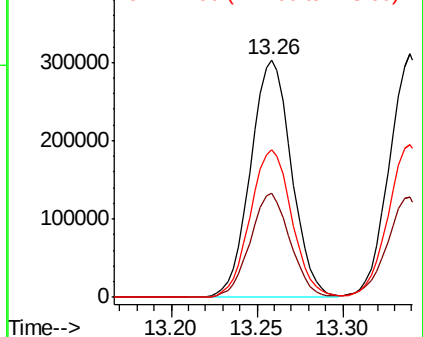
146 100

111 42.8 21.3 63.9

148 63.2 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 19.450 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

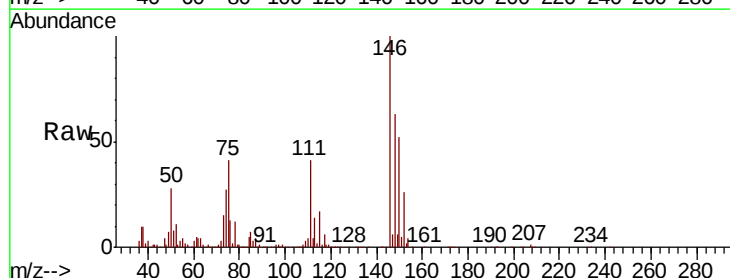
Tgt Ion:146 Resp: 500703

Ion Ratio Lower Upper

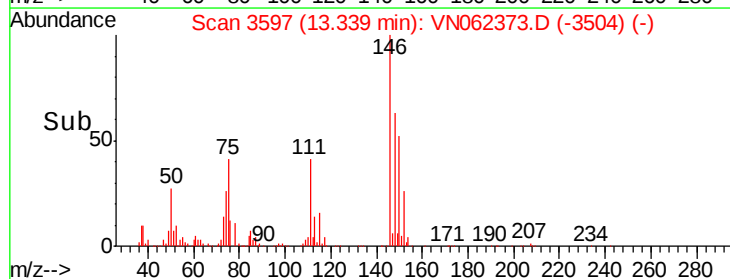
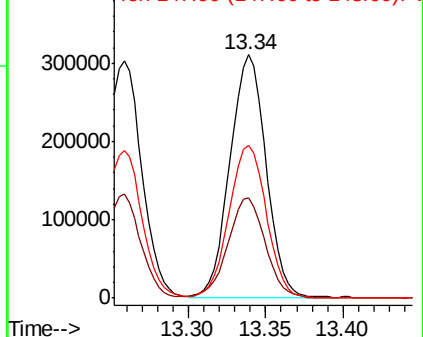
146 100

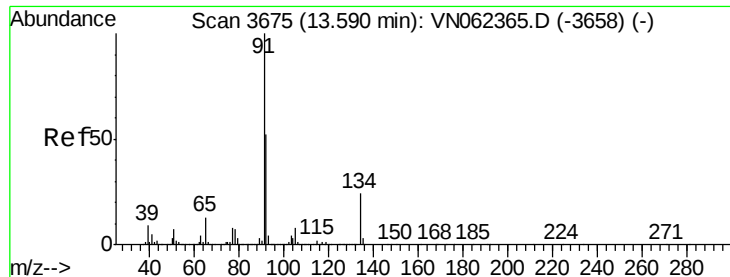
111 42.5 20.6 61.8

148 65.3 31.8 95.4



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





#89

n-Butylbenzene

Concen: 20.074 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062373.D

Acq: 6 Jul 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

VN0706WBSD01

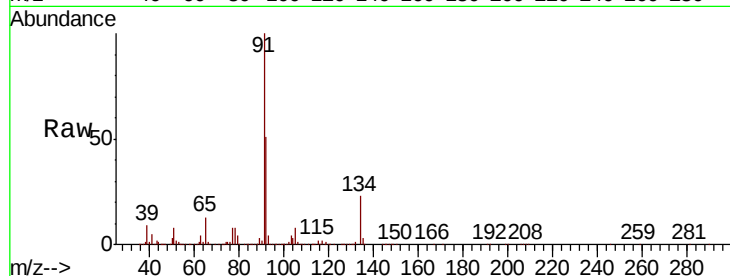
Tot Ion: 91 Resp: 835264

Ion Ratio Lower Upper

91 100

92 51.2 25.7 77.1

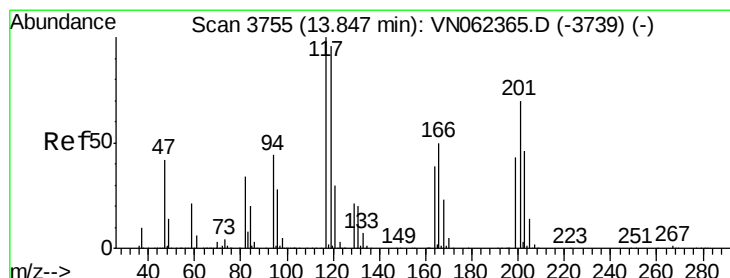
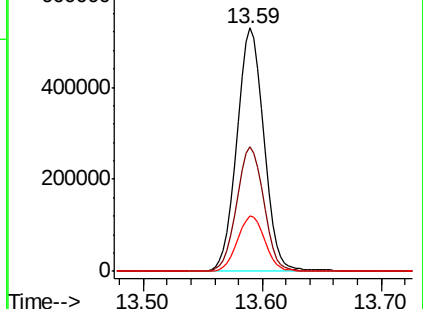
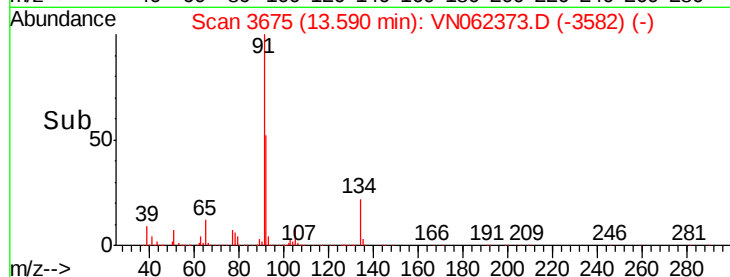
134 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN062373.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062373.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062373.D (-3662) (-)



#90

Hexachloroethane

Concen: 19.455 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062373.D

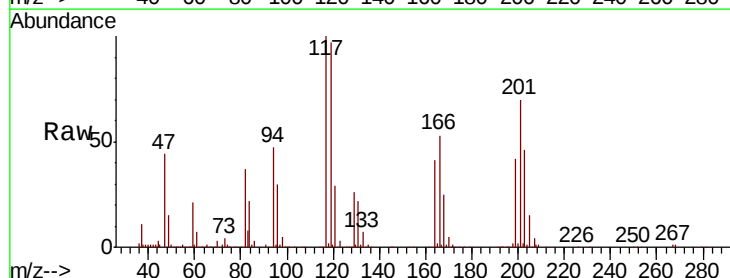
Acq: 6 Jul 2020 19:31

Tgt Ion: 117 Resp: 200459

Ion Ratio Lower Upper

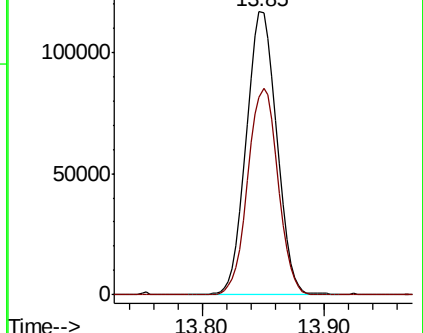
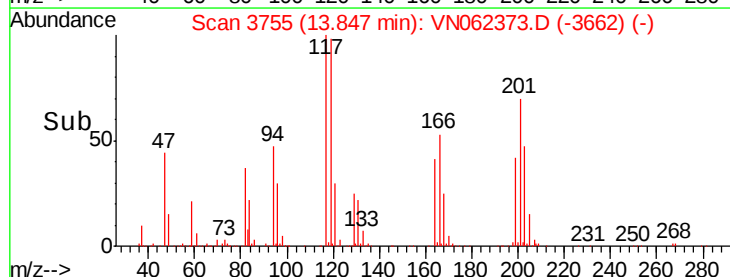
117 100

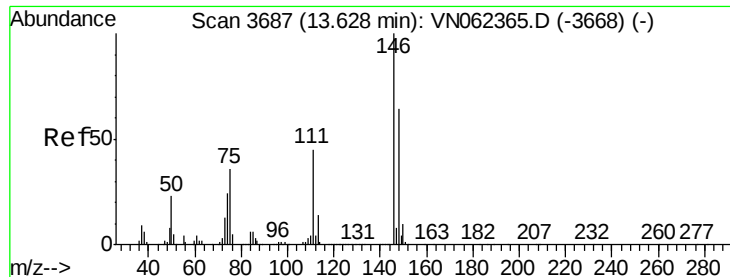
201 72.1 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062373.D (-3662) (-)

Ion 200.70 (200.40 to 201.40): VN062373.D (-3662) (-)

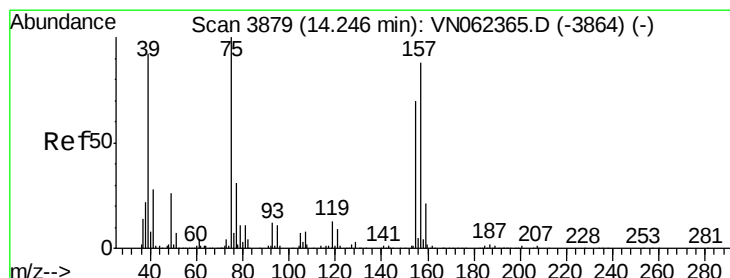
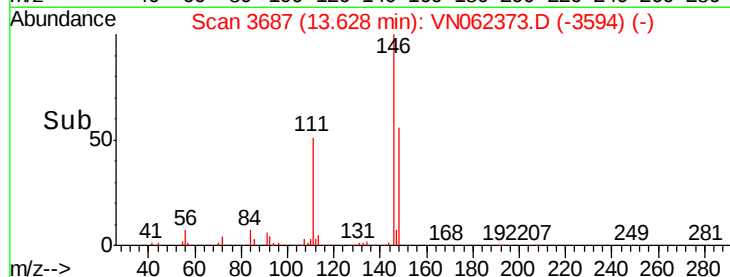
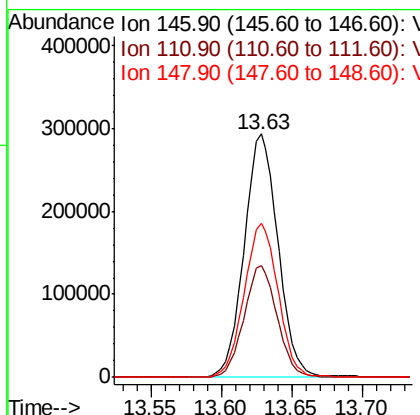
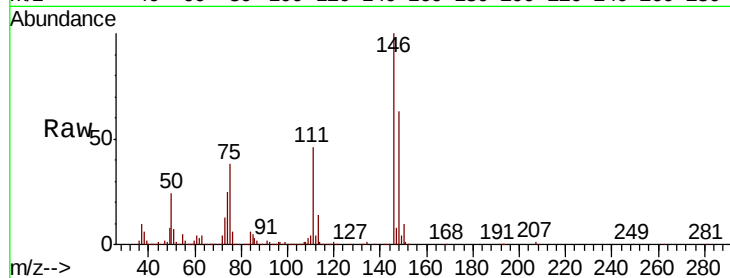




#91
 1,2-Dichlorobenzene
 Concen: 20.590 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

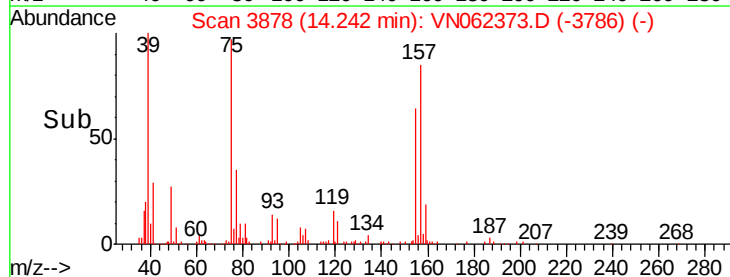
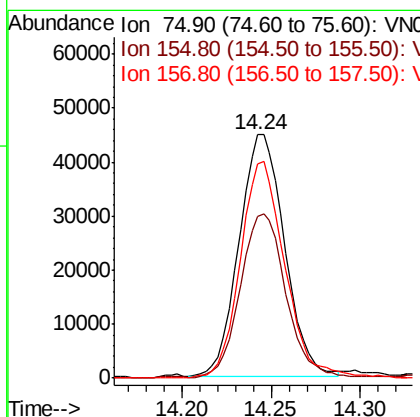
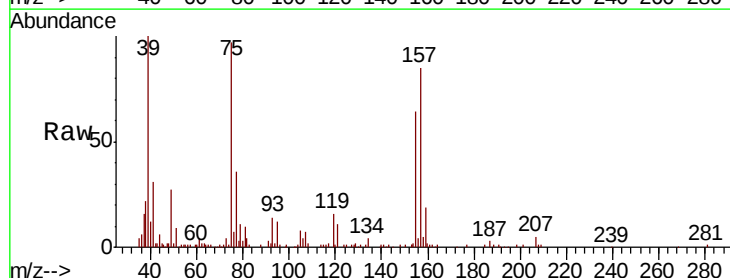
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

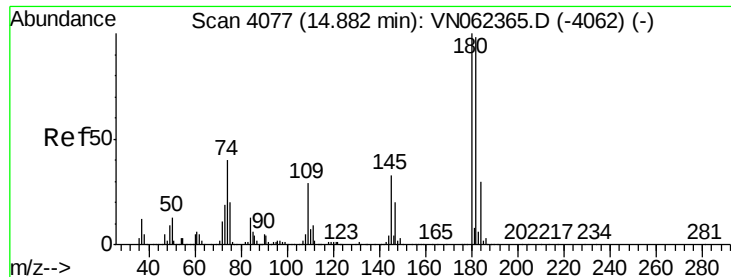
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.3	66.9
148	64.0	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.646 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.9	34.1	102.2
157	88.8	43.3	129.8

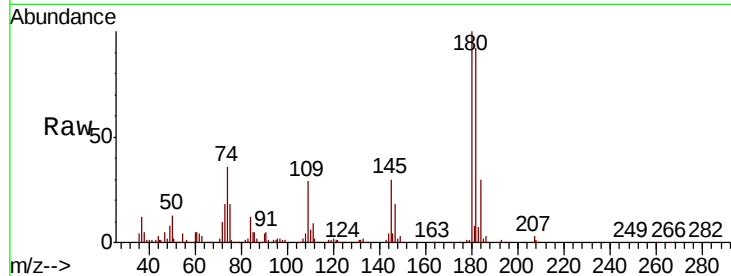




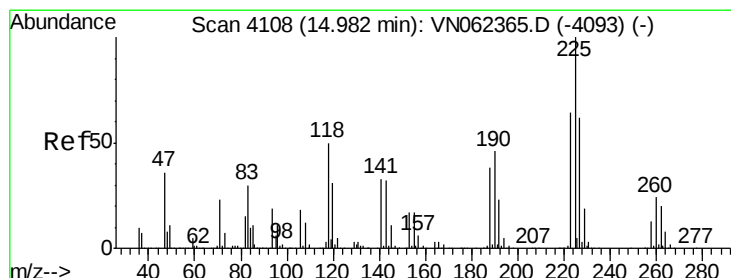
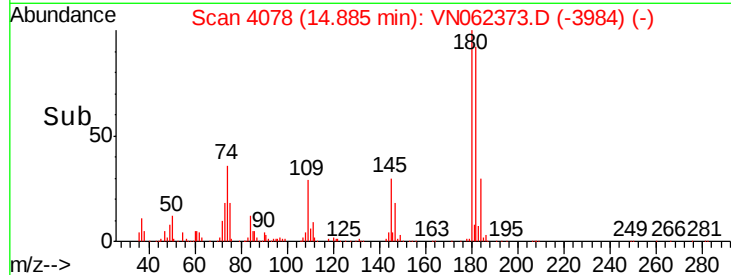
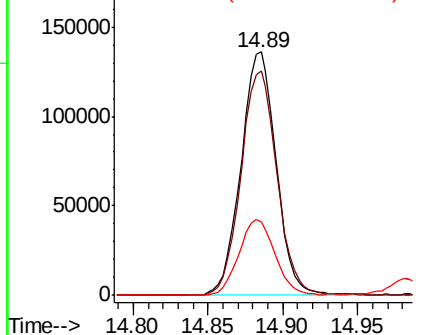
#93
 1,2,4-Trichlorobenzene
 Concen: 19.341 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0706WBSD01

Tot Ion:180 Resp: 222828
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.8
 145 32.2 15.9 47.7

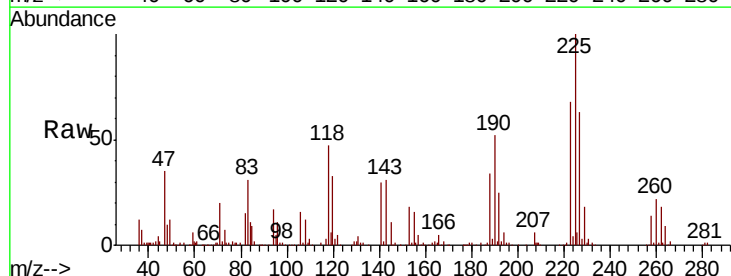


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

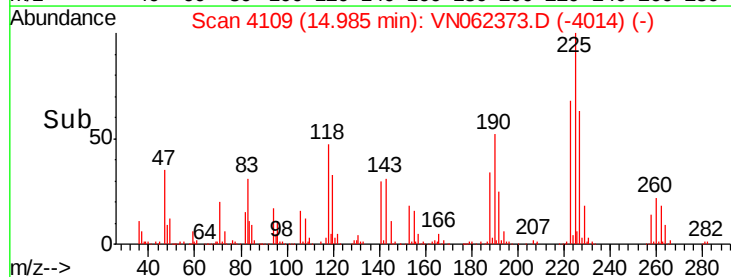
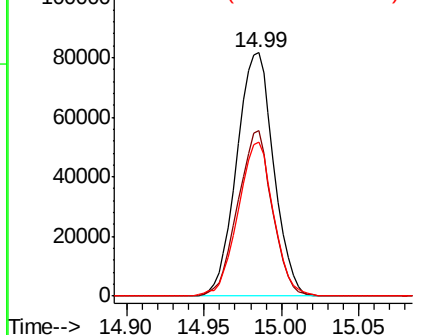


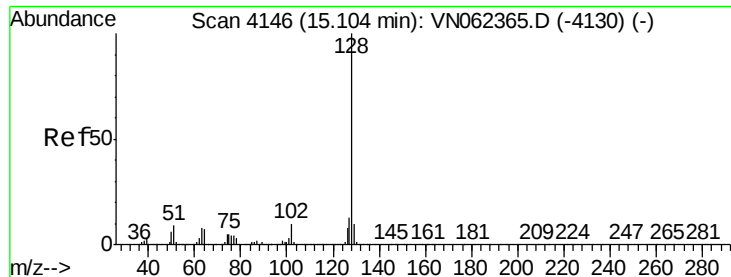
#94
 Hexachlorobutadiene
 Concen: 20.792 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062373.D
 Acq: 6 Jul 2020 19:31

Tgt Ion:225 Resp: 135528
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.7 95.1
 227 60.9 30.3 90.8



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

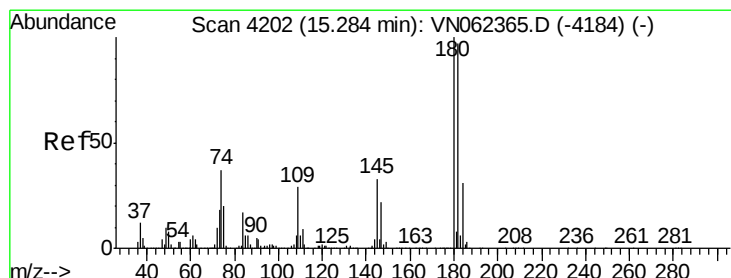
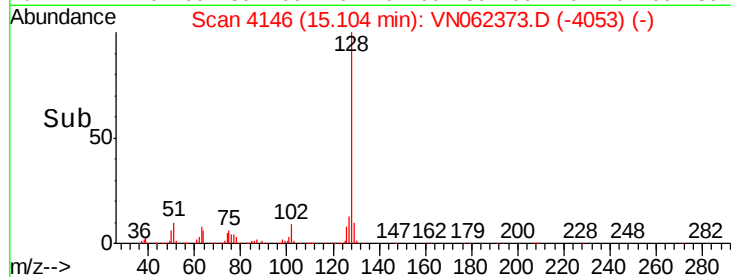
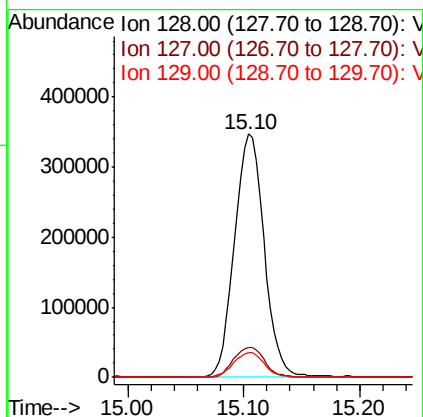
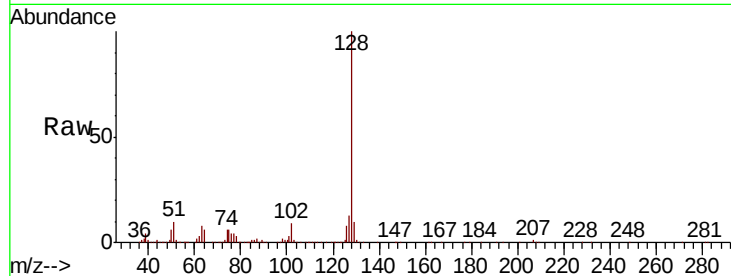




#95
Naphthalene
Concen: 19.635 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBSD01

Tot Ion:128 Resp: 618176
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.853 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062373.D
Acq: 6 Jul 2020 19:31

Tgt Ion:180 Resp: 227955
Ion Ratio Lower Upper
180 100
182 98.2 47.9 143.7
145 32.6 16.4 49.2

