

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062573.D
 Acq On : 21 Jul 2020 15:58
 Operator : JC/MD
 Sample : VN0721WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Quant Time: Jul 22 05:01:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155987	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
35) Dibromofluoromethane	7.55	113	113330	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
50) Toluene-d8	10.06	98	442345	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	12.37	95	159565	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45062	16.566	ug/l	98
3) Chloromethane	2.04	50	59478	16.121	ug/l	98
4) Vinyl Chloride	2.16	62	52947	16.554	ug/l	98
5) Bromomethane	2.53	94	25098	17.717	ug/l	93
6) Chloroethane	2.67	64	24254	16.765	ug/l	99
7) Trichlorofluoromethane	2.98	101	61595	16.403	ug/l	95
8) Diethyl Ether	3.37	74	30860	17.574	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40735	16.919	ug/l	99
10) Methyl Iodide	3.91	142	47523	15.439	ug/l	99
11) Tert butyl alcohol	4.73	59	45789	81.250	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	41817	17.126	ug/l	98
13) Acrolein	3.57	56	41383	76.473	ug/l	99
14) Allyl chloride	4.27	41	90271	17.091	ug/l	99
15) Acrylonitrile	4.93	53	128705	85.265	ug/l	100
16) Acetone	3.77	43	116779	87.599	ug/l	100
17) Carbon Disulfide	4.00	76	134854	16.809	ug/l	98
18) Methyl Acetate	4.28	43	57932	17.166	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	152557	16.975	ug/l	98
20) Methylene Chloride	4.50	84	52207	16.328	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	45541	16.804	ug/l	98
22) Diisopropyl ether	5.90	45	184313	17.555	ug/l	95
23) Vinyl Acetate	5.84	43	759120	88.243	ug/l	100
24) 1,1-Dichloroethane	5.80	63	97436	17.234	ug/l	99
25) 2-Butanone	6.78	43	175378	86.381	ug/l	100
26) 2,2-Dichloropropane	6.78	77	78778	16.974	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	52624	17.017	ug/l	99
28) Bromochloromethane	7.15	49	51209	18.405	ug/l	99
29) Tetrahydrofuran	7.17	42	115653	84.184	ug/l	99
30) Chloroform	7.33	83	92091	17.132	ug/l	96
31) Cyclohexane	7.61	56	88334	16.922	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	76941	17.144	ug/l	99
36) 1,1-Dichloropropene	7.75	75	69608	17.291	ug/l	99
37) Ethyl Acetate	6.88	43	75291	17.350	ug/l	98
38) Carbon Tetrachloride	7.73	117	66118	17.087	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73707	17.009	ug/l	99
40) Benzene	8.00	78	210073	17.237	ug/l	99
41) Methacrylonitrile	7.12	41	30721	16.518	ug/l	95
42) 1,2-Dichloroethane	8.08	62	77539	17.402	ug/l	100
43) Isopropyl Acetate	8.12	43	120492	17.224	ug/l	100
44) Trichloroethene	8.80	130	47014	17.106	ug/l	97
45) 1,2-Dichloropropane	9.09	63	58595	17.124	ug/l	99
46) Dibromomethane	9.17	93	34668	17.529	ug/l	98
47) Bromodichloromethane	9.37	83	73348	17.118	ug/l	99
48) Methyl methacrylate	9.17	41	57619	17.327	ug/l	97
49) 1,4-Dioxane	9.17	88	18265	357.612	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	365519	87.326	ug/l	100
52) Toluene	10.12	92	124019	17.524	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	83508	17.507	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	90281	17.639	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	48756	17.761	ug/l	99
56) Ethyl methacrylate	10.40	69	75877	16.618	ug/l	99
57) 1,3-Dichloropropane	10.68	76	86144	17.129	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	118628	91.215	ug/l	100
59) 2-Hexanone	10.72	43	257824	81.663	ug/l	100
60) Dibromochloromethane	10.87	129	51745	16.897	ug/l	98
61) 1,2-Dibromoethane	10.98	107	48352	16.916	ug/l	98
64) Tetrachloroethene	10.60	164	39910	17.502	ug/l	95
65) Chlorobenzene	11.41	112	126281	17.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	46395	16.762	ug/l	98
67) Ethyl Benzene	11.48	91	234113	17.354	ug/l	100
68) m/p-Xylenes	11.59	106	172538	35.584	ug/l	98
69) o-Xylene	11.92	106	80879	17.566	ug/l	99
70) Styrene	11.94	104	137563	17.686	ug/l	100
71) Bromoform	12.10	173	35795	17.224	ug/l #	100
73) Isopropylbenzene	12.22	105	220220	17.598	ug/l	100
74) N-amyl acetate	12.05	43	97504	17.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70792	16.279	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	93328	23.168	ug/l #	100
77) Bromobenzene	12.50	156	51064	16.980	ug/l	97
78) n-propylbenzene	12.56	91	256453	17.495	ug/l	100
79) 2-Chlorotoluene	12.65	91	155492	17.212	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	183270	17.655	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24211	16.731	ug/l	97
82) 4-Chlorotoluene	12.75	91	159442	16.956	ug/l	99
83) tert-Butylbenzene	12.97	119	154397	17.912	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	179045	17.582	ug/l	98
85) sec-Butylbenzene	13.15	105	204732	17.742	ug/l	98
86) p-Isopropyltoluene	13.26	119	175581	17.691	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	88645	16.797	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	88670	17.068	ug/l	98
89) n-Butylbenzene	13.59	91	141866	16.635	ug/l	99
90) Hexachloroethane	13.85	117	34226	16.199	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	84695	16.784	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13316	16.865	ug/l	97

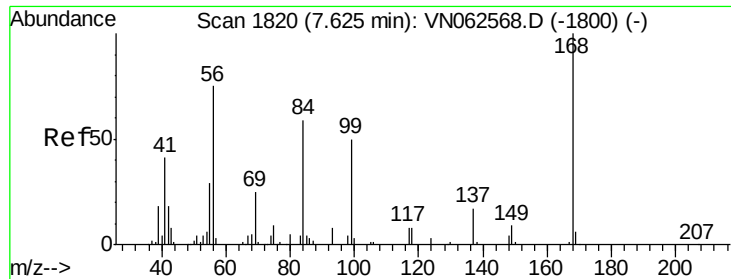
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36625	16.051	ug/l	98
94) Hexachlorobutadiene	14.98	225	25077	18.092	ug/l	99
95) Naphthalene	15.10	128	95088	16.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38153	16.043	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

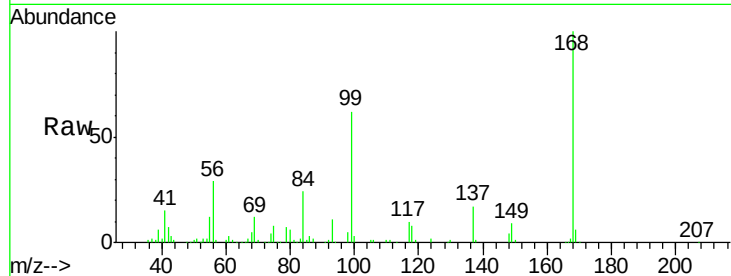
VN0721WBS01

Tot Ion:168 Resp: 228047

Ion Ratio Lower Upper

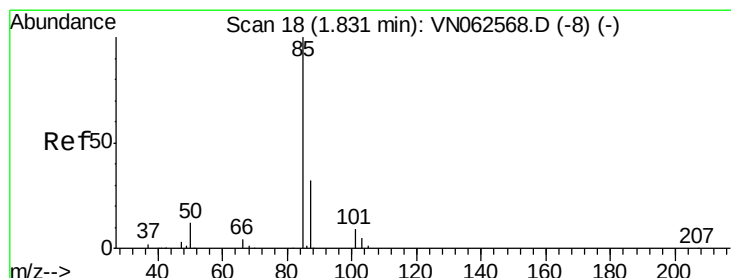
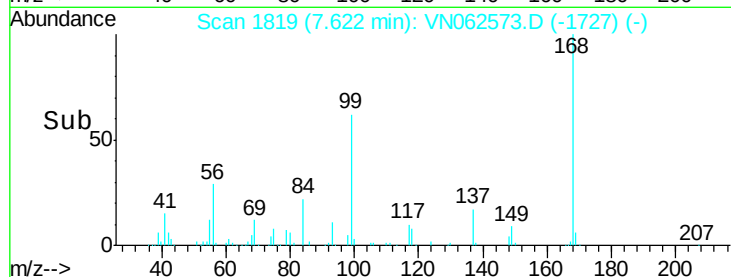
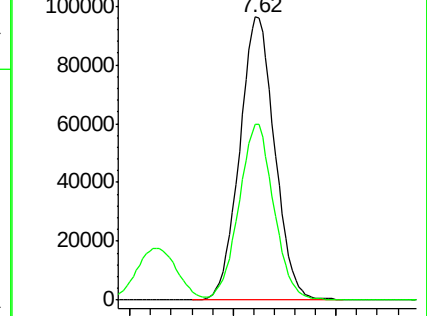
168 100

99 62.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.566 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062573.D

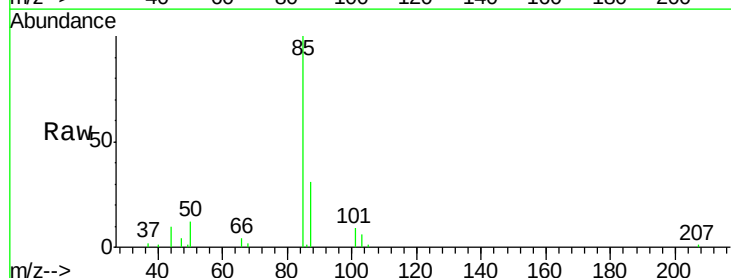
Acq: 21 Jul 2020 15:58

Tgt Ion: 85 Resp: 45062

Ion Ratio Lower Upper

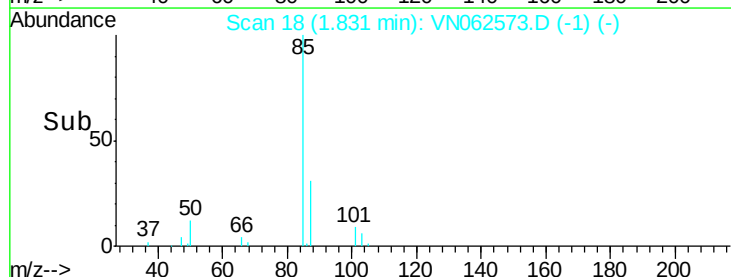
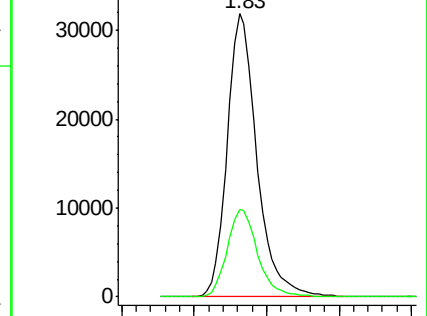
85 100

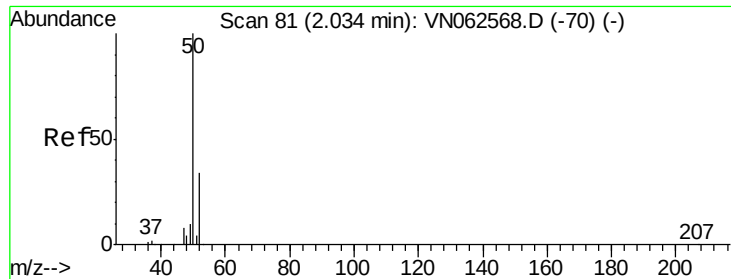
87 31.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.121 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

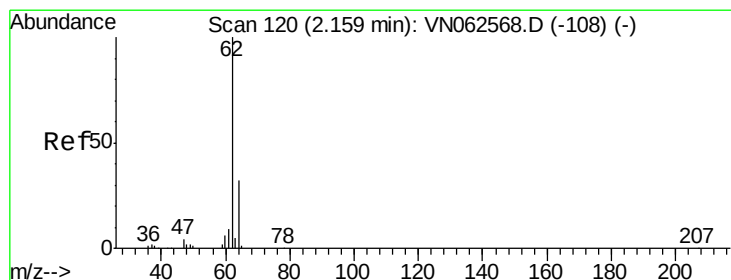
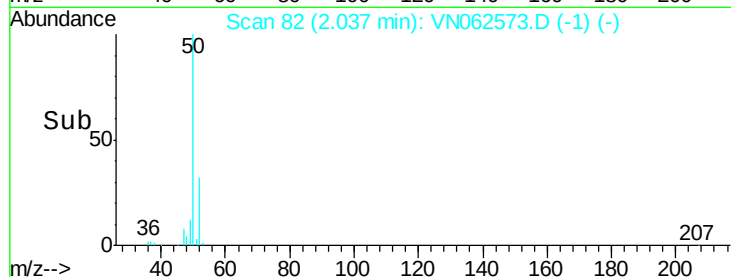
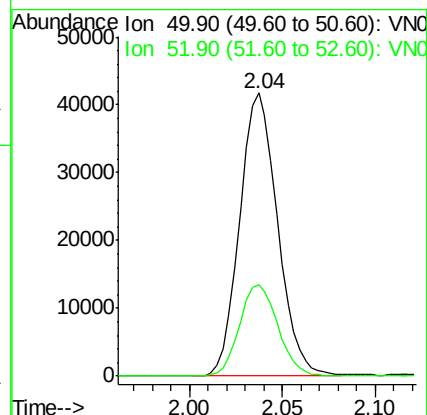
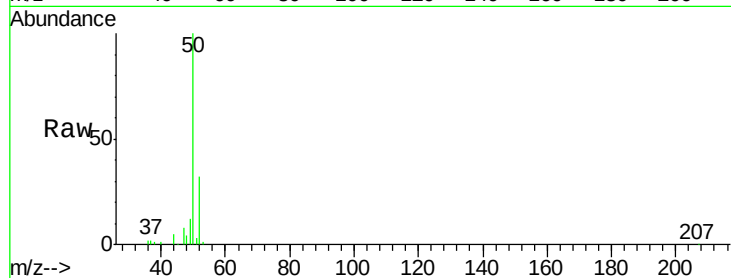
VN0721WBS01

Tot Ion: 50 Resp: 59478

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.4



#4

Vinyl Chloride

Concen: 16.554 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062573.D

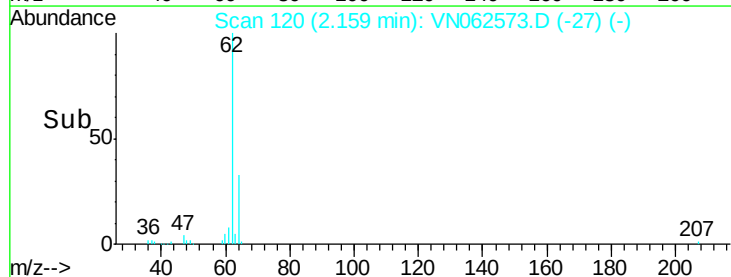
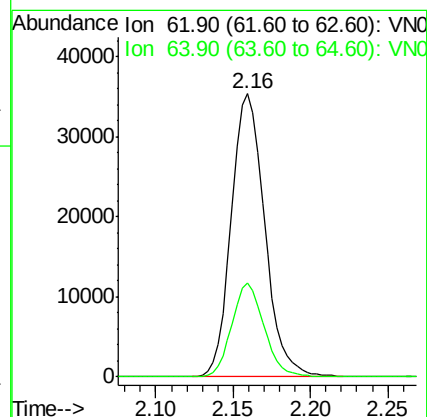
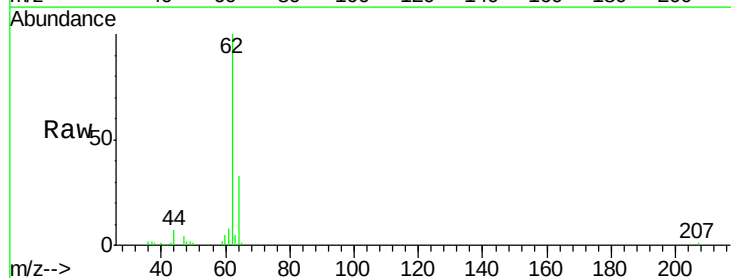
Acq: 21 Jul 2020 15:58

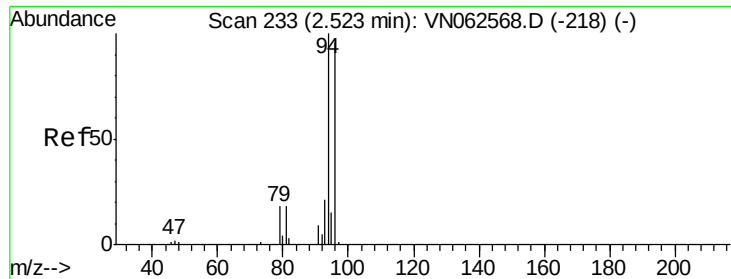
Tgt Ion: 62 Resp: 52947

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.8





#5

Bromomethane

Concen: 17.717 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

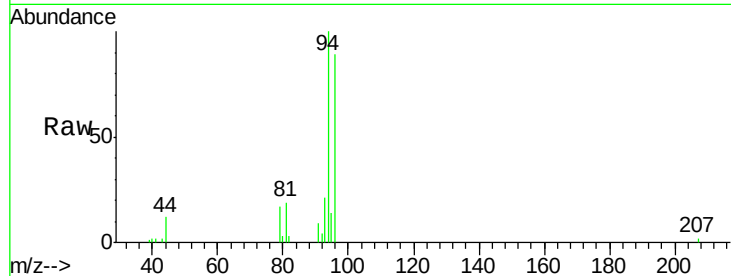
VN0721WBS01

Tot Ion: 94 Resp: 25098

Ion Ratio Lower Upper

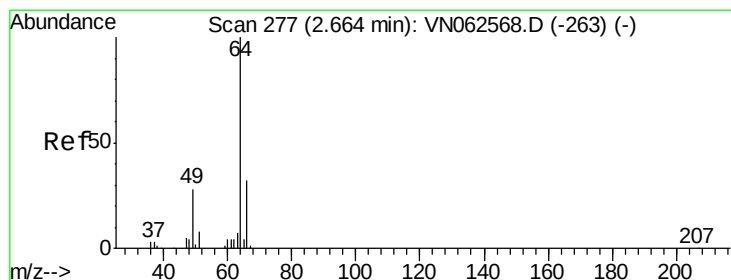
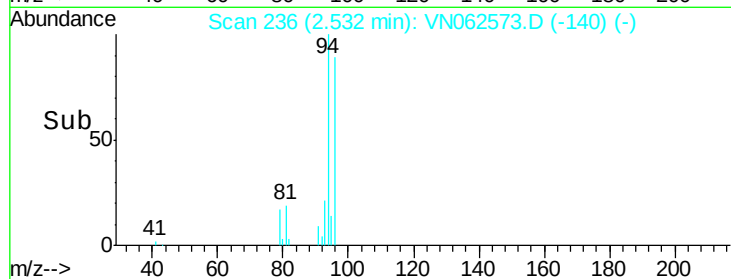
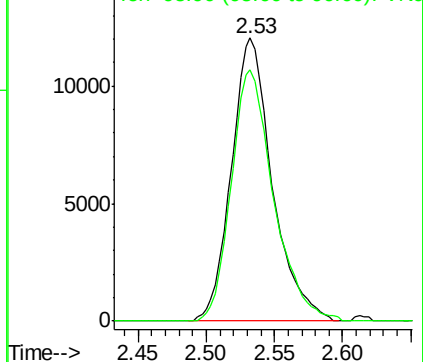
94 100

96 88.9 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.765 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062573.D

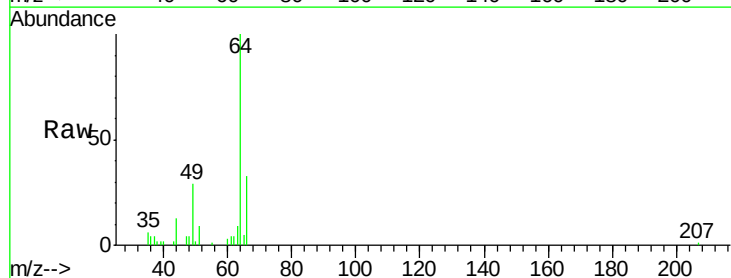
Acq: 21 Jul 2020 15:58

Tgt Ion: 64 Resp: 24254

Ion Ratio Lower Upper

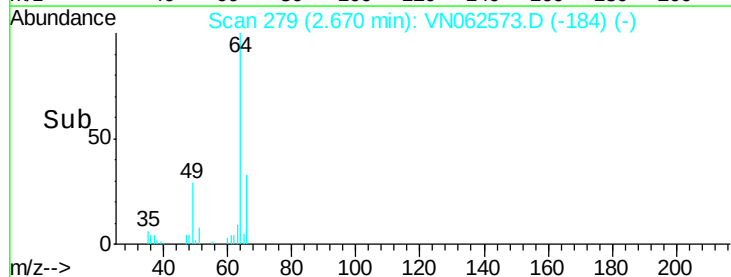
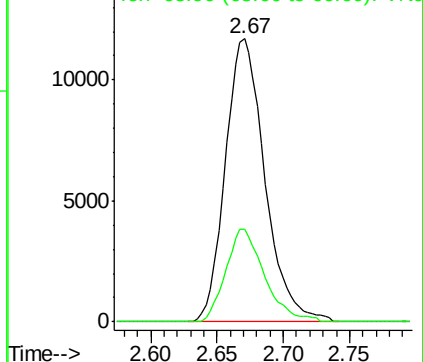
64 100

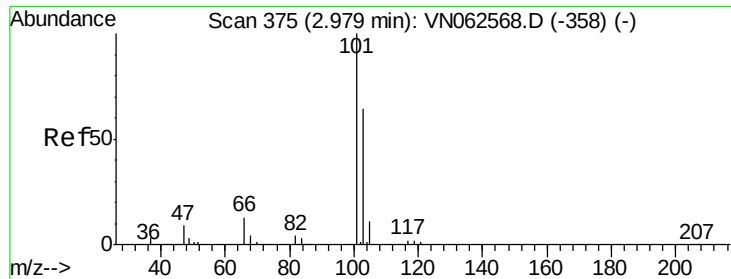
66 32.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



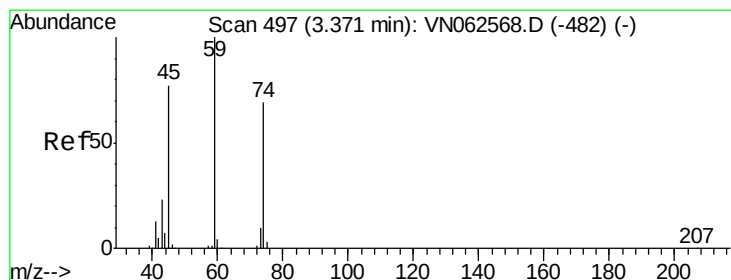
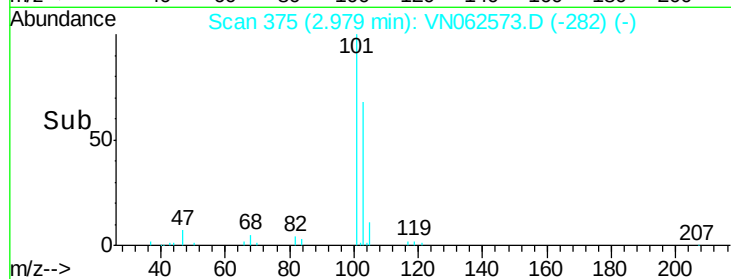
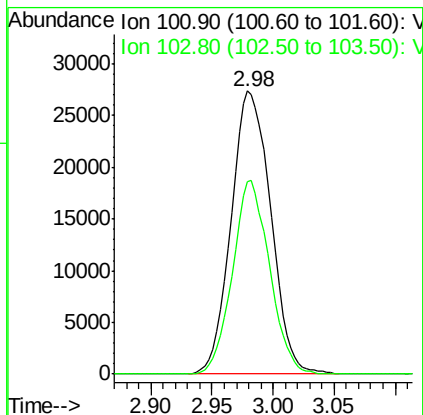
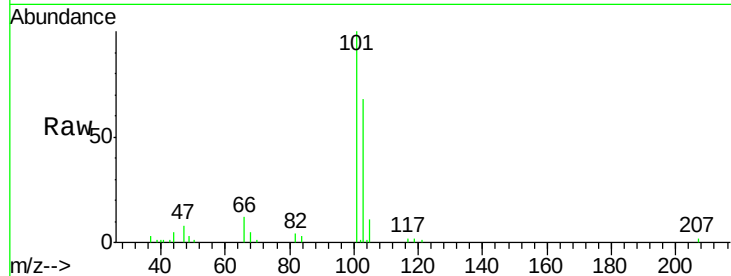


#7

Trichlorofluoromethane
 Concen: 16.403 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Instrument :
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 VN0721WBS01

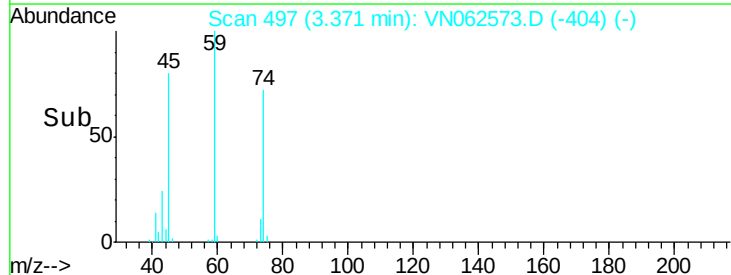
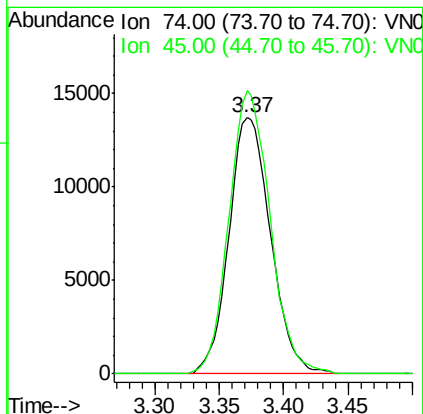
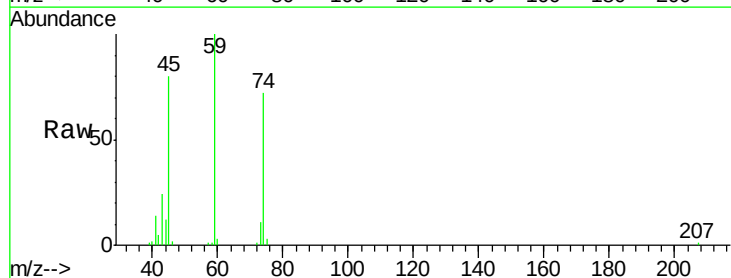
Tot Ion:101 Resp: 61595
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.5 77.3

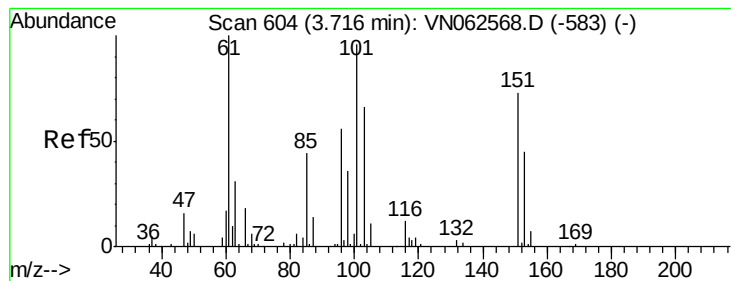


#8

Diethyl Ether
 Concen: 17.574 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 74 Resp: 30860
 Ion Ratio Lower Upper
 74 100
 45 108.9 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.919 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

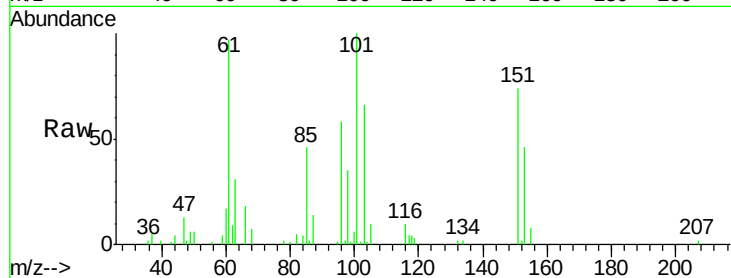
Tot Ion:101 Resp: 40735

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

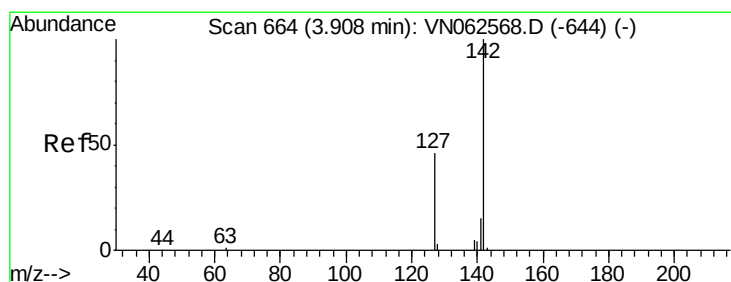
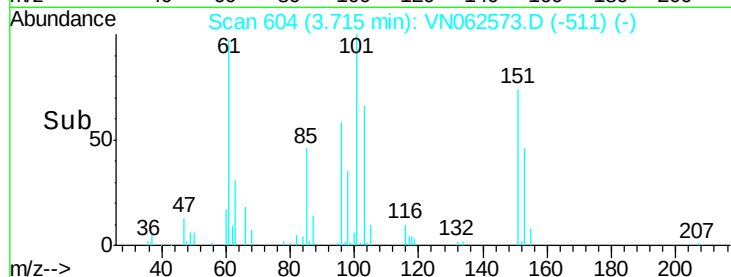
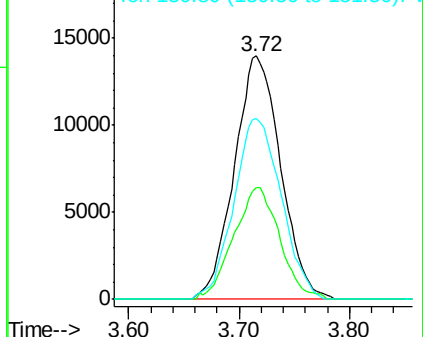
151 76.0 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN062573.D (-511) (-)

Ion 150.80 (150.50 to 151.50): VN062573.D (-511) (-)



#10

Methyl Iodide

Concen: 15.439 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

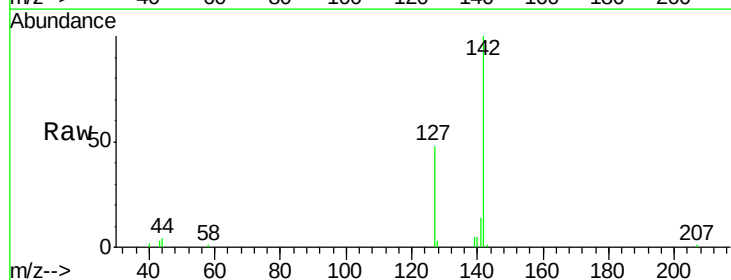
Tgt Ion:142 Resp: 47523

Ion Ratio Lower Upper

142 100

127 45.8 37.4 56.0

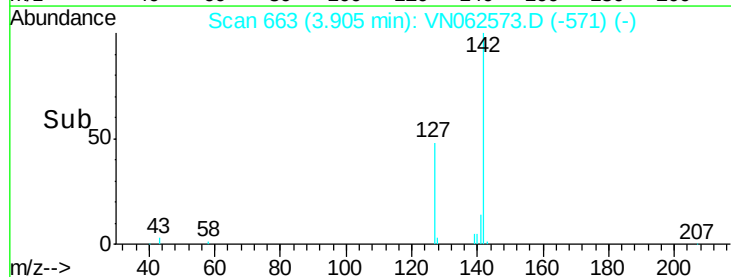
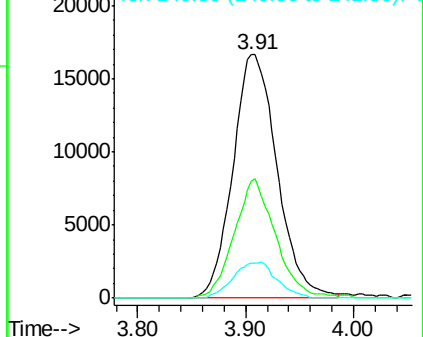
141 14.5 11.9 17.9

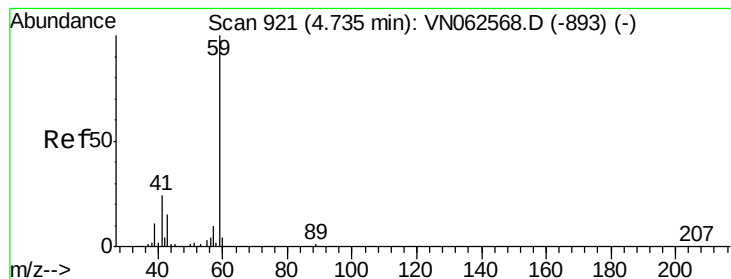


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): VN062573.D (-571) (-)

Ion 140.80 (140.50 to 141.50): VN062573.D (-571) (-)





#11

Tert butyl alcohol

Concen: 81.250 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

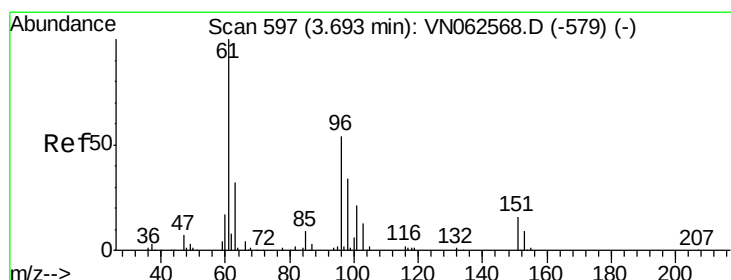
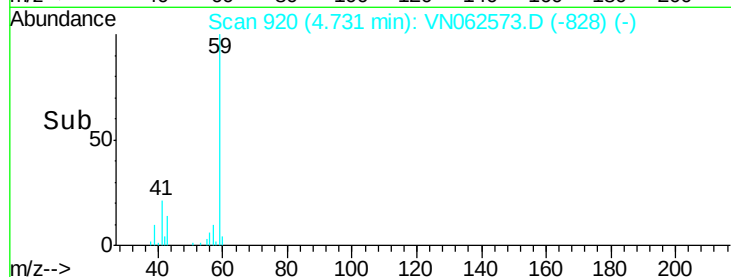
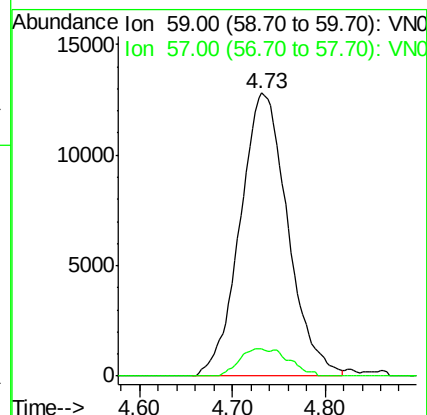
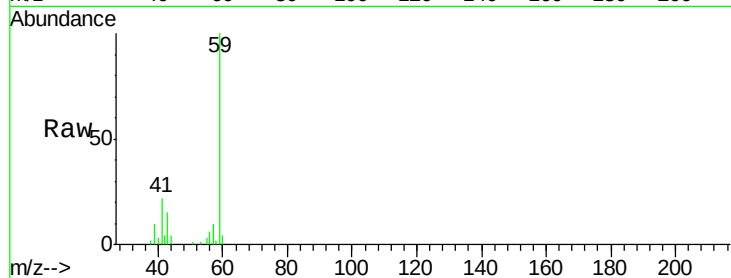
VN0721WBS01

Tot Ion: 59 Resp: 45789

Ion Ratio Lower Upper

59 100

57 5.6 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 17.126 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

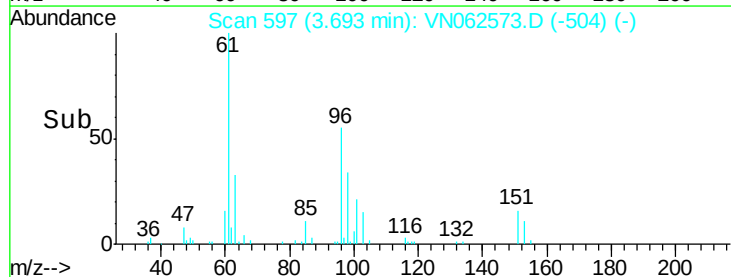
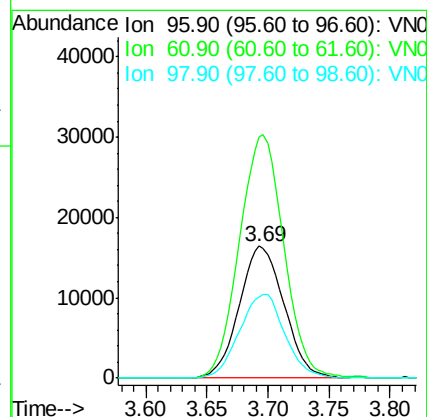
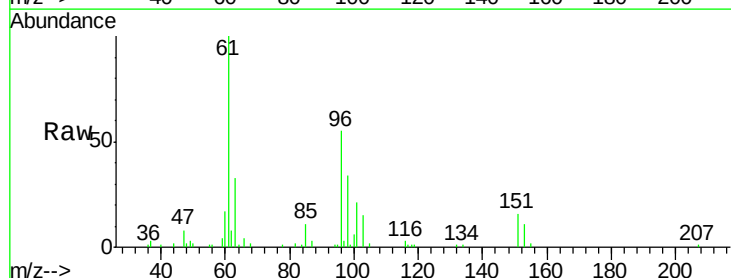
Tgt Ion: 96 Resp: 41817

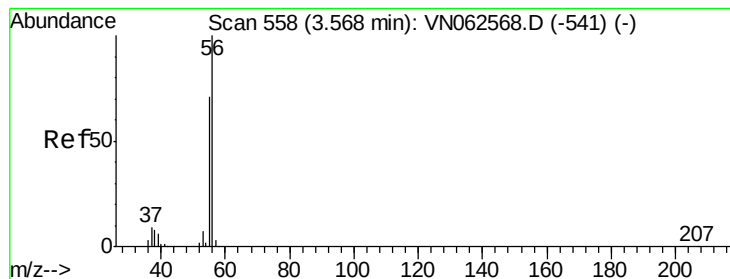
Ion Ratio Lower Upper

96 100

61 182.9 148.6 222.8

98 62.0 50.6 75.8





#13

Acrolein

Concen: 76.473 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

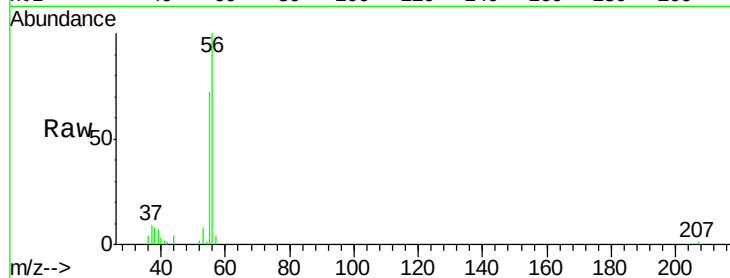
VN0721WBS01

Tot Ion: 56 Resp: 41383

Ion Ratio Lower Upper

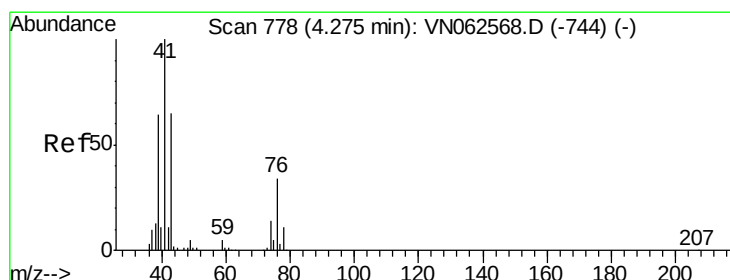
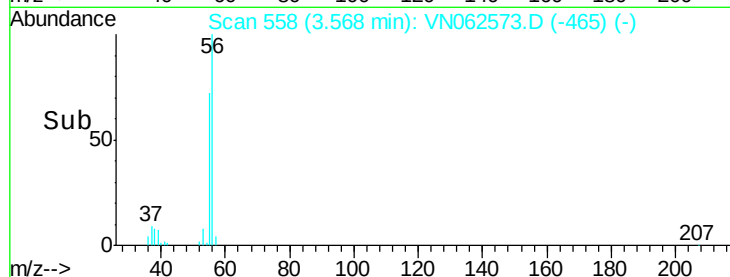
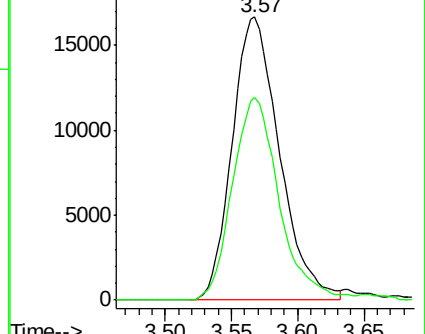
56 100

55 70.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.091 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

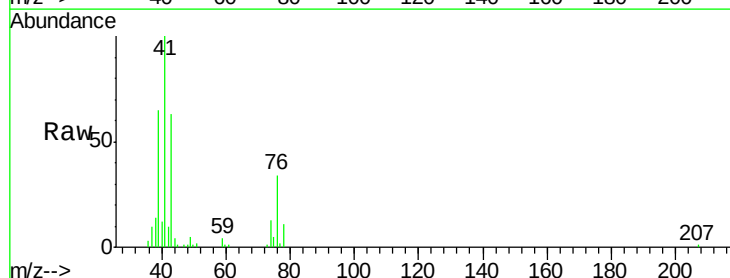
Tgt Ion: 41 Resp: 90271

Ion Ratio Lower Upper

41 100

39 61.9 49.0 73.4

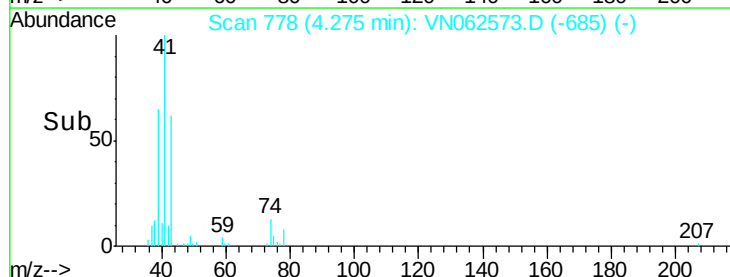
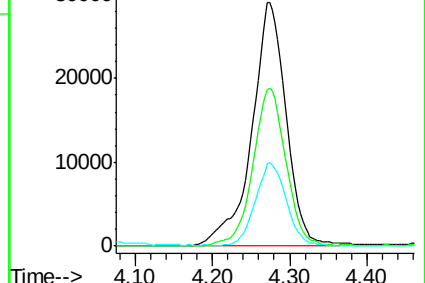
76 30.9 24.0 36.0

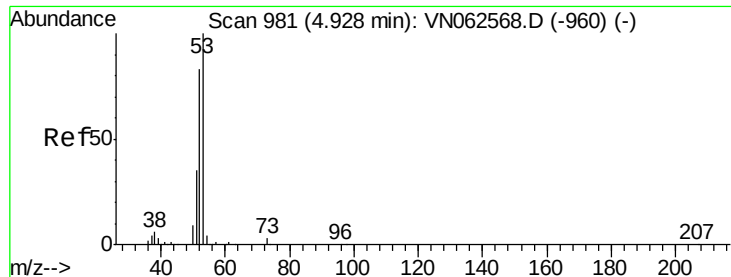


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 85.265 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

VN0721WBS01

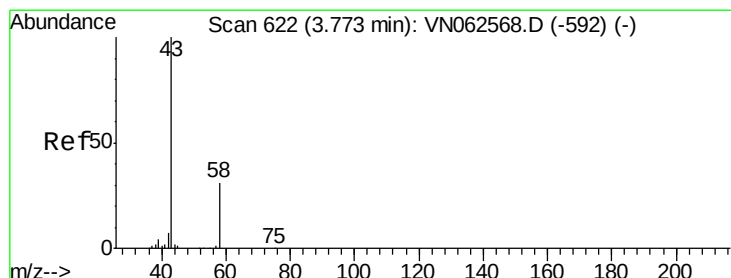
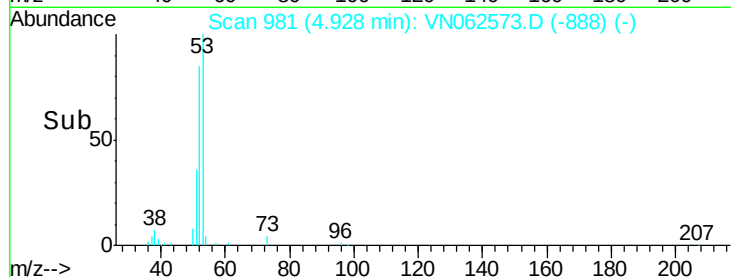
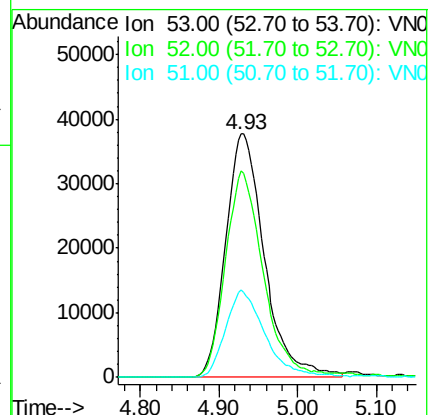
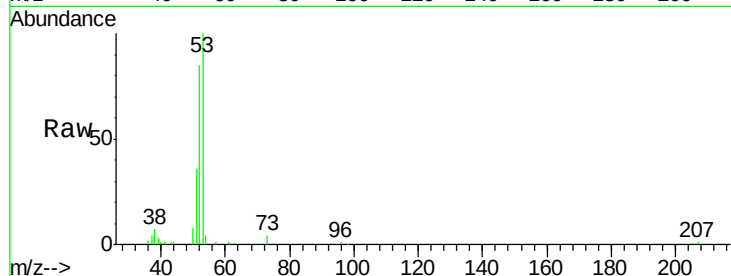
Tot Ion: 53 Resp: 128705

Ion Ratio Lower Upper

53 100

52 82.8 66.3 99.5

51 36.1 28.6 43.0



#16

Acetone

Concen: 87.599 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062573.D

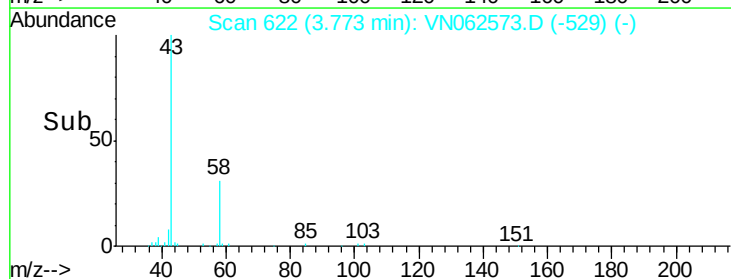
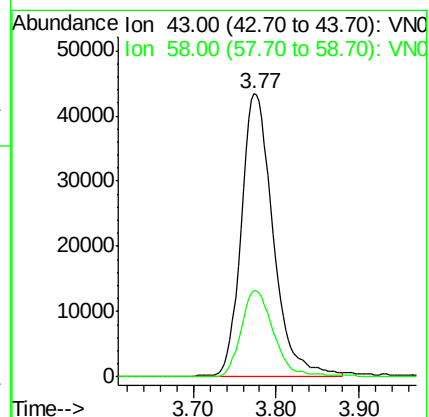
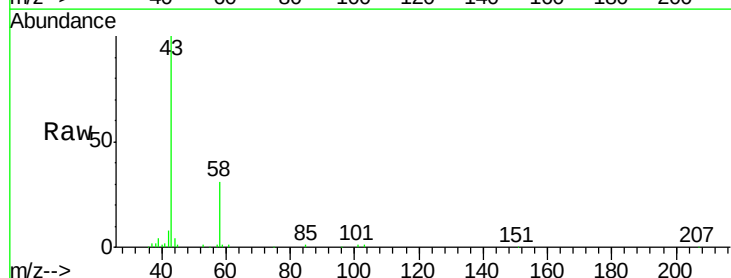
Acq: 21 Jul 2020 15:58

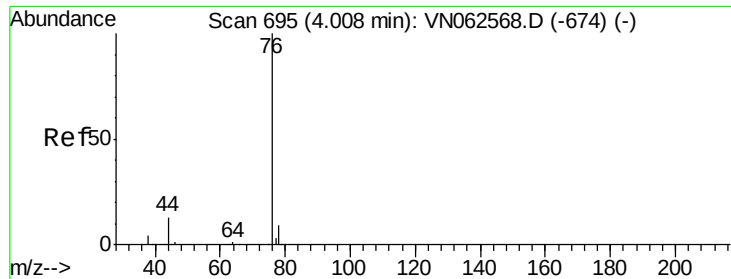
Tgt Ion: 43 Resp: 116779

Ion Ratio Lower Upper

43 100

58 30.6 24.6 37.0





#17

Carbon Disulfide

Concen: 16.809 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

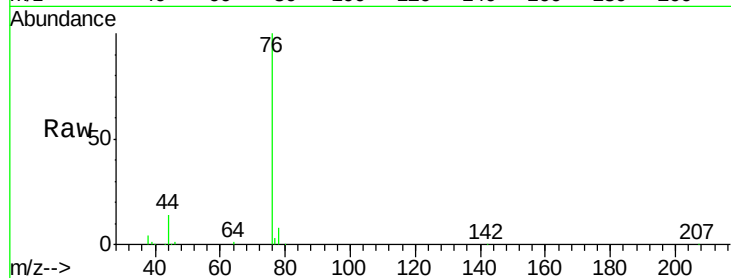
VN0721WBS01

Tot Ion: 76 Resp: 134854

Ion Ratio Lower Upper

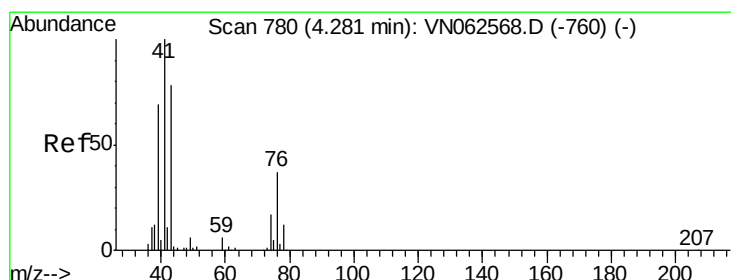
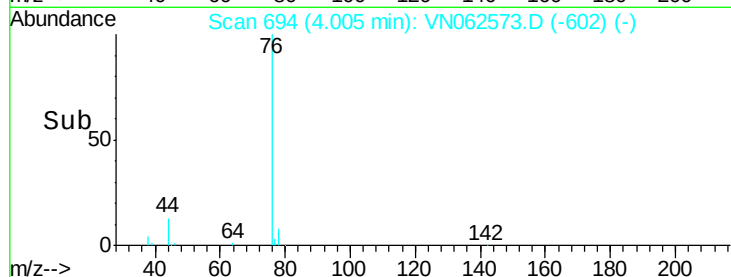
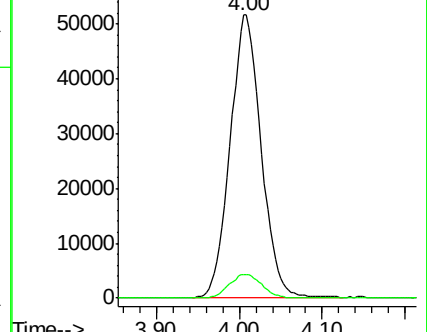
76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062568.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062568.D (-674) (-)



#18

Methyl Acetate

Concen: 17.166 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062573.D

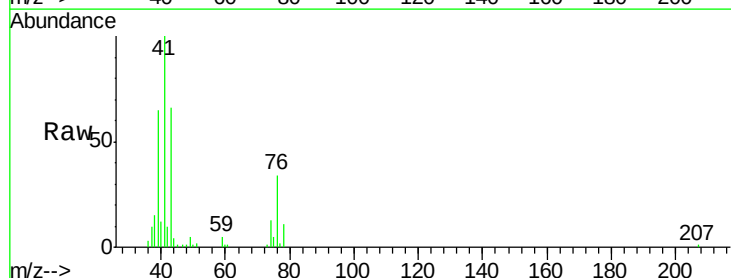
Acq: 21 Jul 2020 15:58

Tgt Ion: 43 Resp: 57932

Ion Ratio Lower Upper

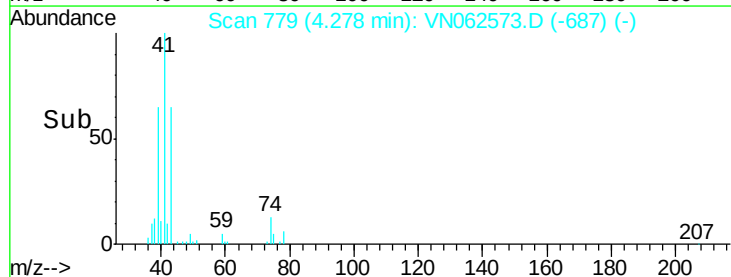
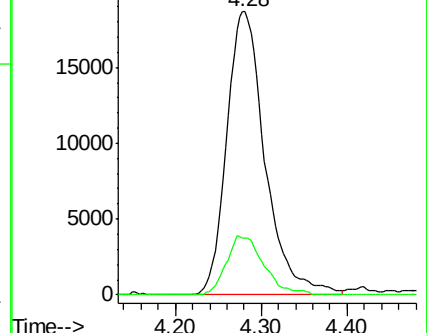
43 100

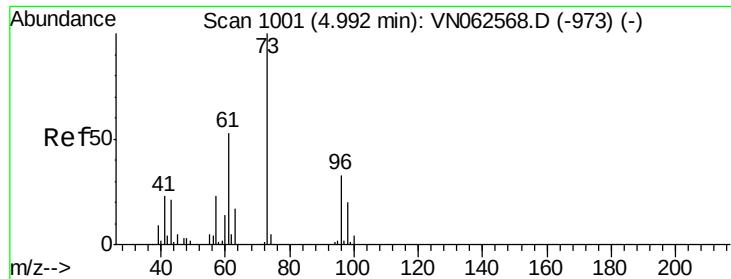
74 20.4 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN062568.D (-760) (-)

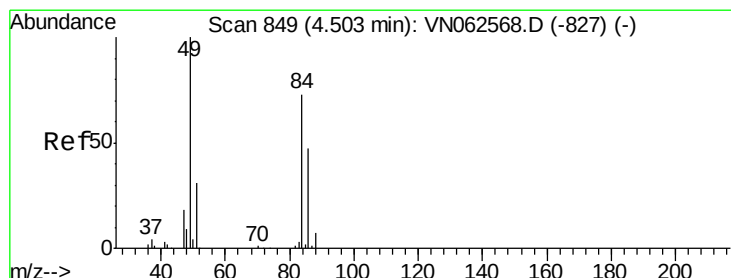
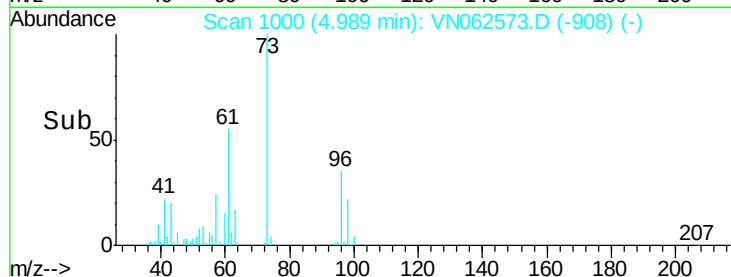
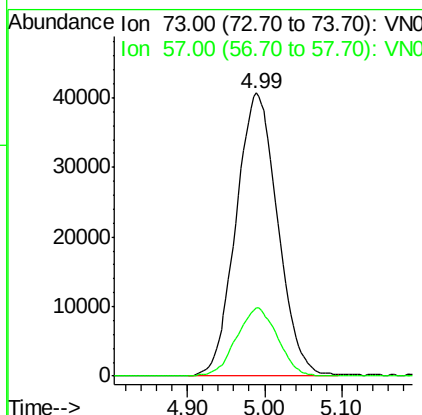
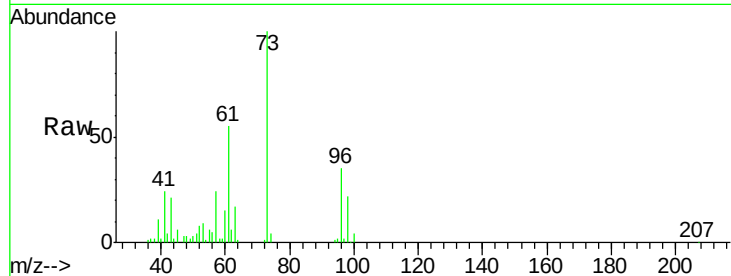




#19
Methyl tert-butyl Ether
Concen: 16.975 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

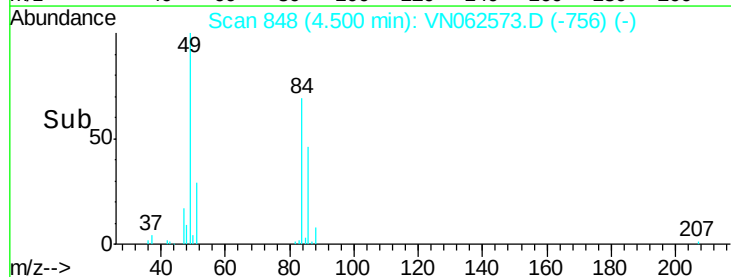
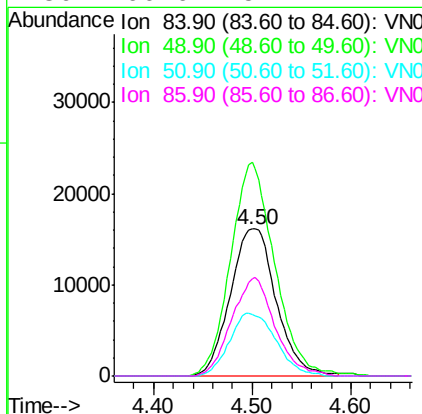
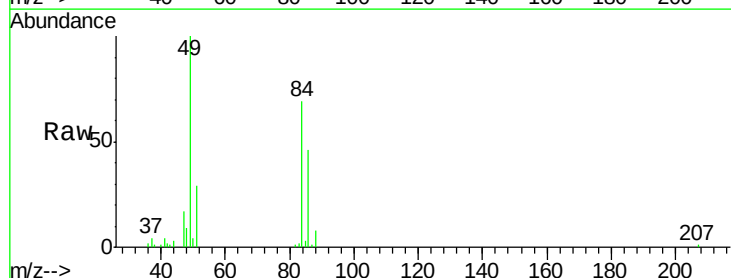
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

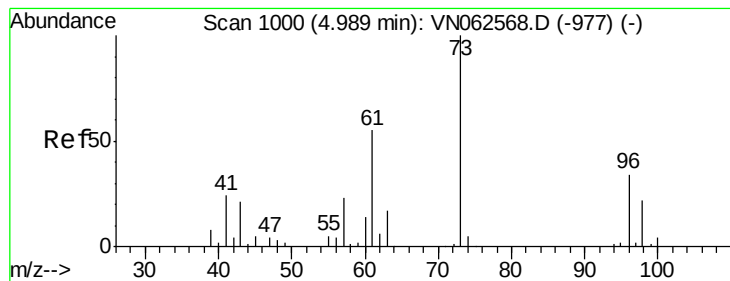
Tot Ion: 73 Resp: 152557
Ion Ratio Lower Upper
73 100
57 24.3 18.6 27.8



#20
Methylene Chloride
Concen: 16.328 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 84 Resp: 52207
Ion Ratio Lower Upper
84 100
49 145.3 109.4 164.0
51 42.1 33.6 50.4
86 66.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.804 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

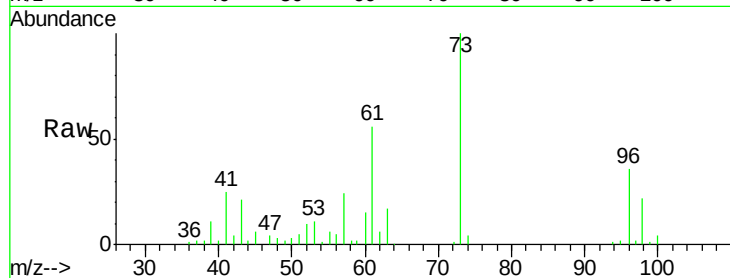
Tot Ion: 96 Resp: 45541

Ion Ratio Lower Upper

96 100

61 157.7 128.6 192.8

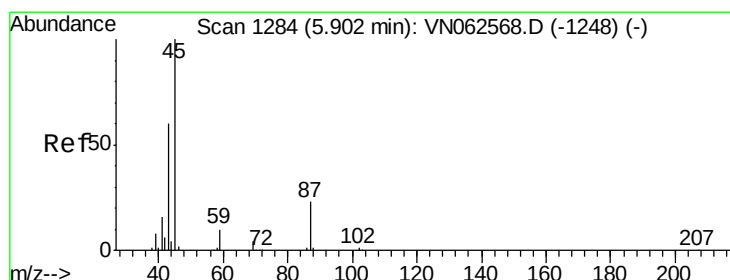
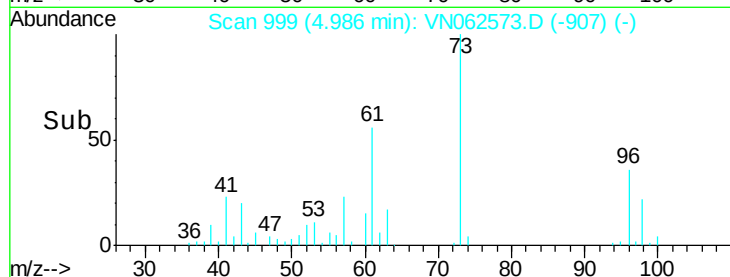
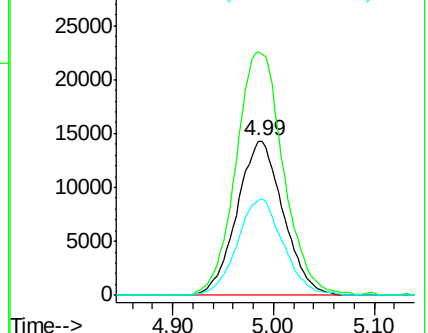
98 61.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-977) (-)



#22

Diisopropyl ether

Concen: 17.555 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Tgt Ion: 45 Resp: 184313

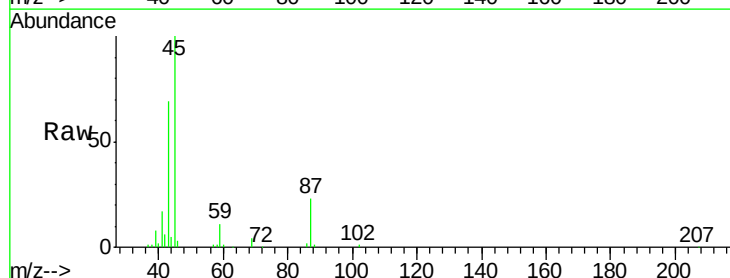
Ion Ratio Lower Upper

45 100

43 66.3 48.7 73.1

87 23.4 19.0 28.6

59 11.0 8.6 13.0

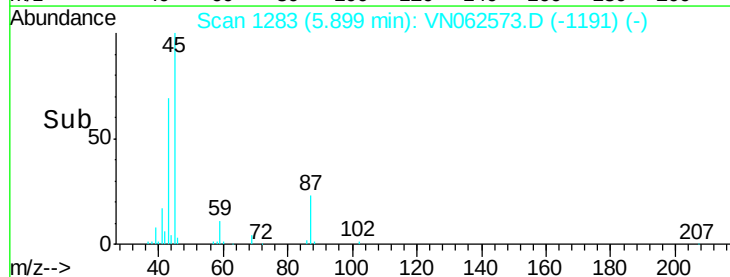
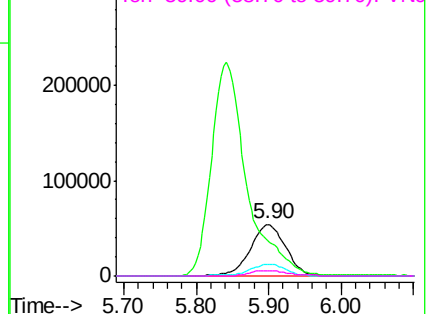


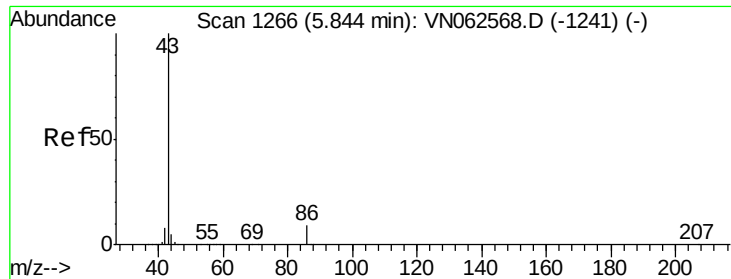
Abundance Ion 45.00 (44.70 to 45.70): VN062568.D (-1248) (-)

Ion 43.00 (42.70 to 43.70): VN062568.D (-1248) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1248) (-)

Ion 59.00 (58.70 to 59.70): VN062568.D (-1248) (-)

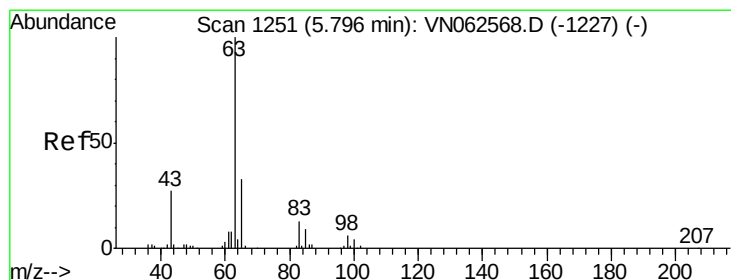
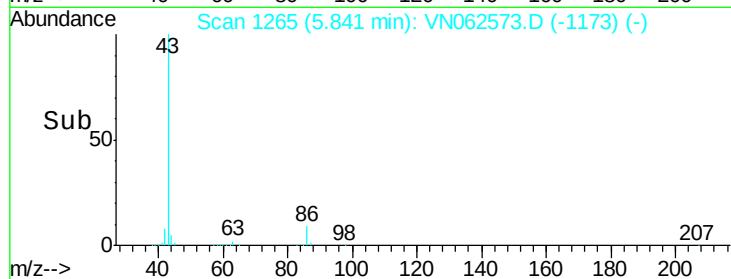
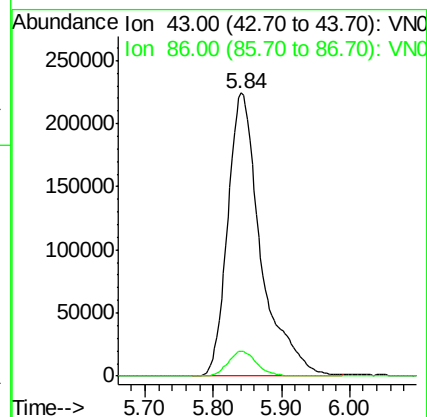
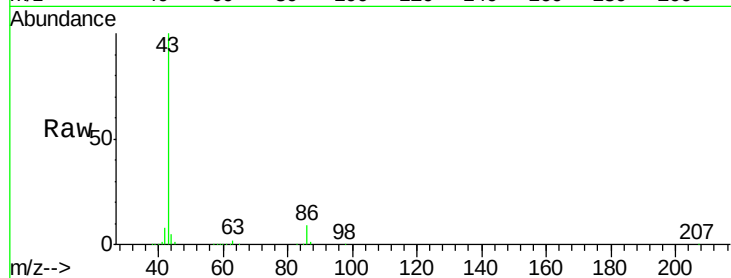




#23
 Vinyl Acetate
 Concen: 88.243 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

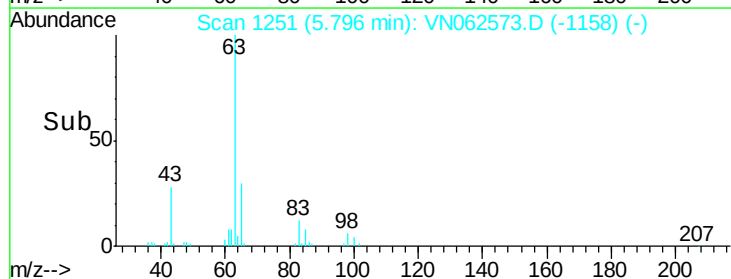
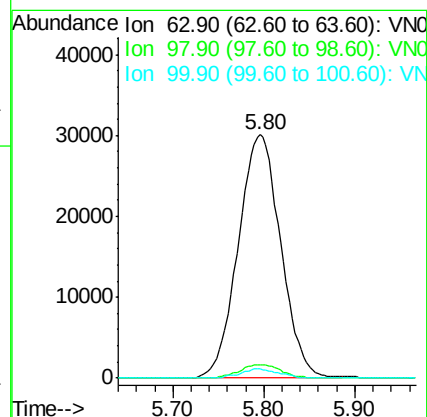
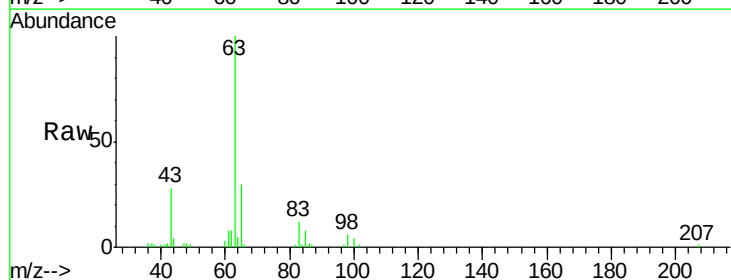
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

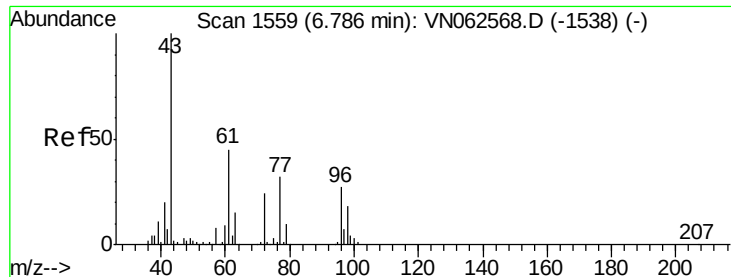
Tot Ion: 43 Resp: 759120
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 17.234 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 63 Resp: 97436
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 3.7 1.8 5.4





#25

2-Butanone

Concen: 86.381 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

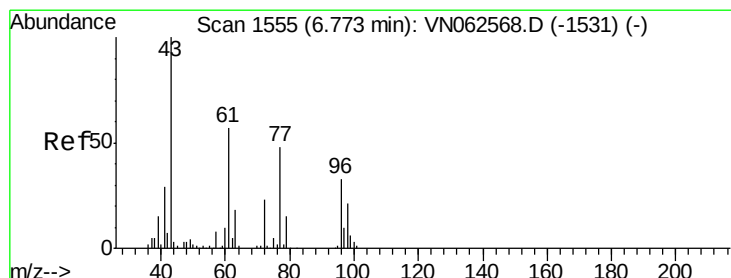
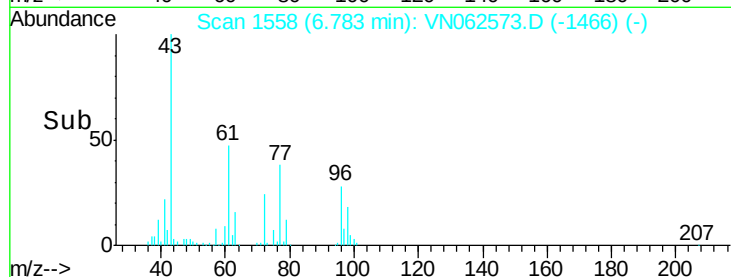
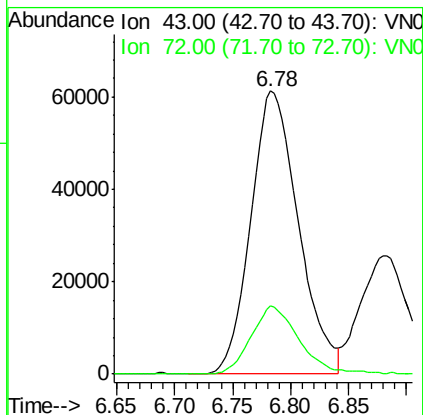
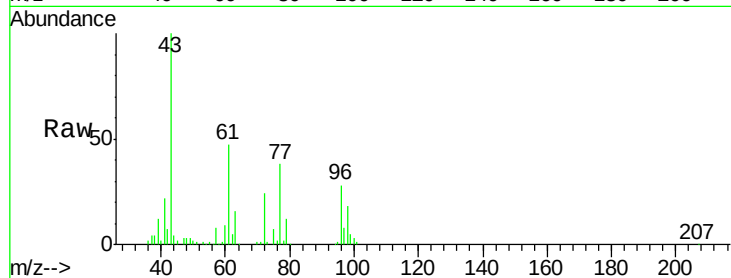
VN0721WBS01

Tot Ion: 43 Resp: 175378

Ion Ratio Lower Upper

43 100

72 24.0 19.0 28.6



#26

2,2-Dichloropropane

Concen: 16.974 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VN062573.D

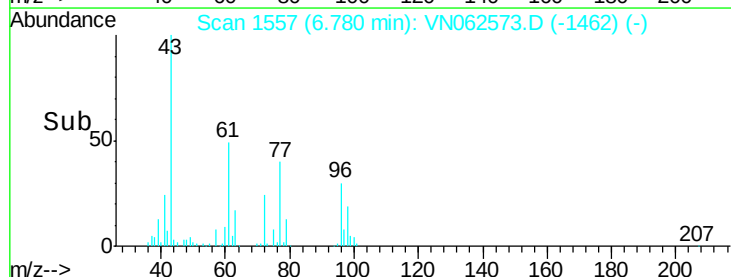
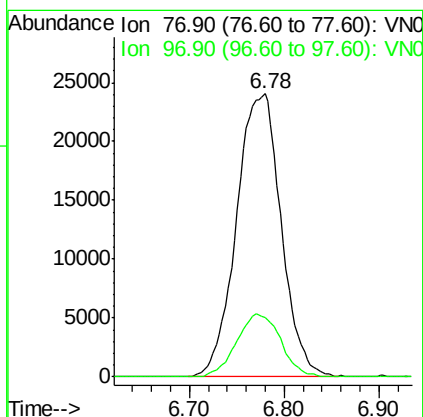
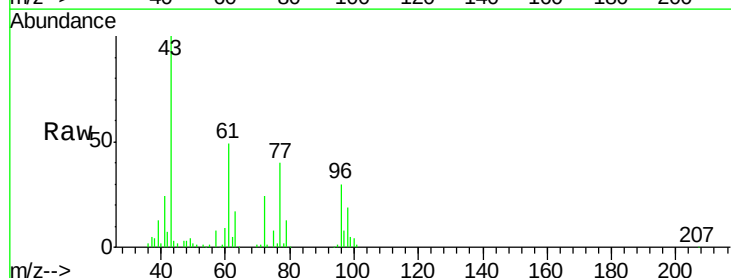
Acq: 21 Jul 2020 15:58

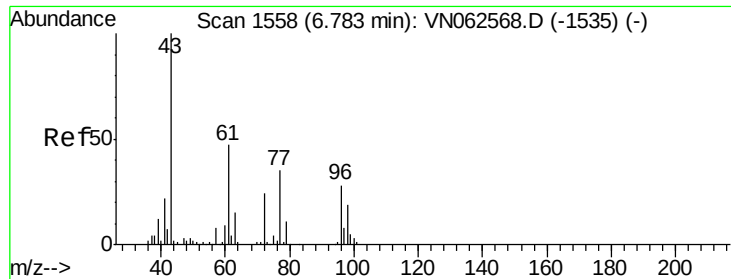
Tgt Ion: 77 Resp: 78778

Ion Ratio Lower Upper

77 100

97 21.9 10.8 32.4

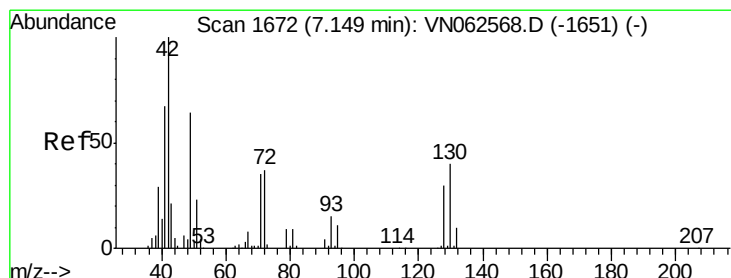
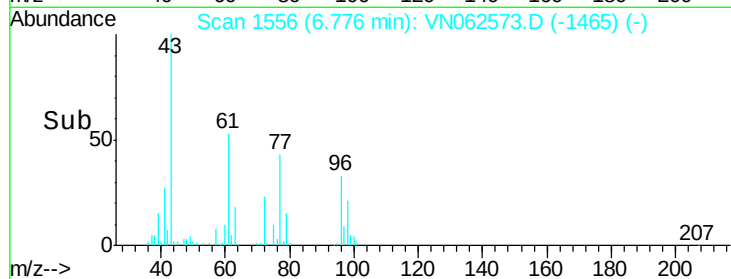
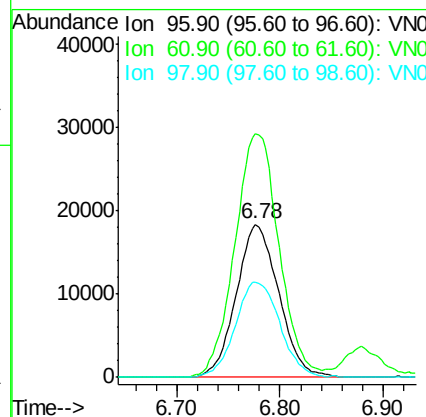
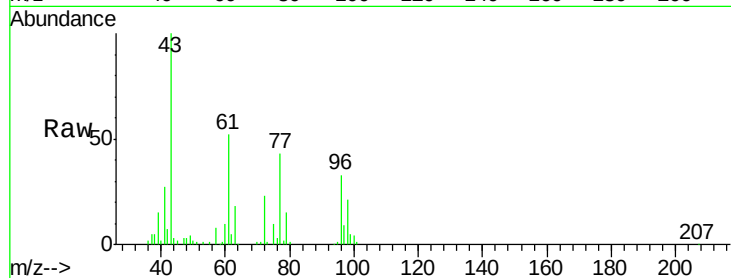




#27
 cis-1,2-Dichloroethene
 Concen: 17.017 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

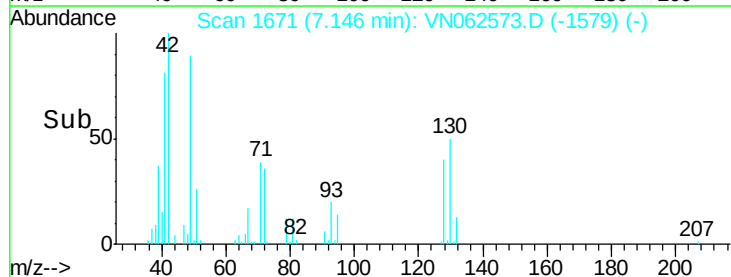
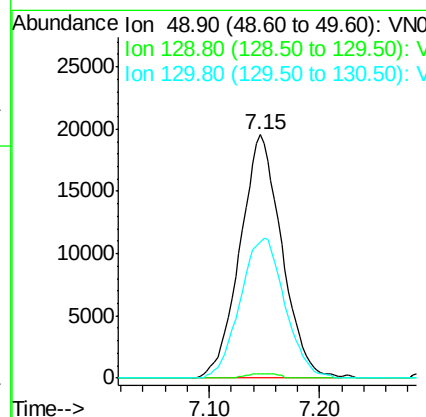
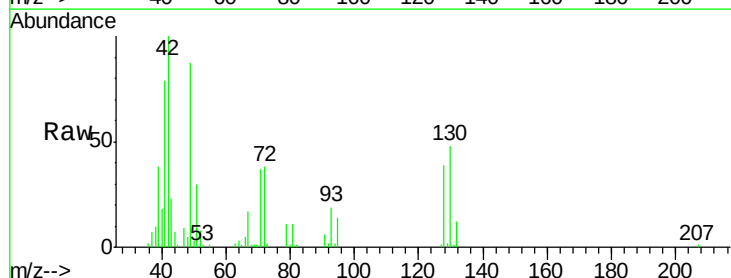
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

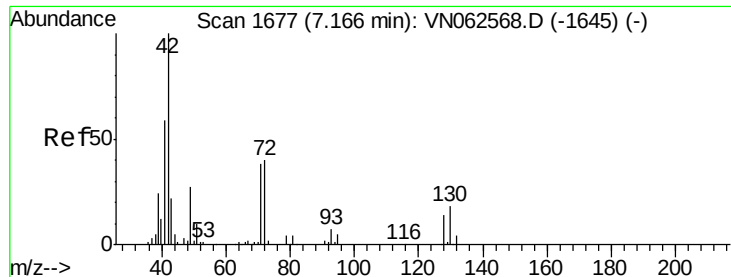
Tot Ion: 96 Resp: 52624
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 332.4
 98 65.2 0.0 127.4



#28
 Bromochloromethane
 Concen: 18.405 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 49 Resp: 51209
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 61.3 49.8 74.8

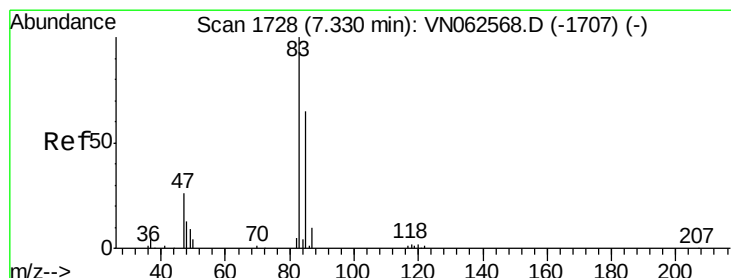
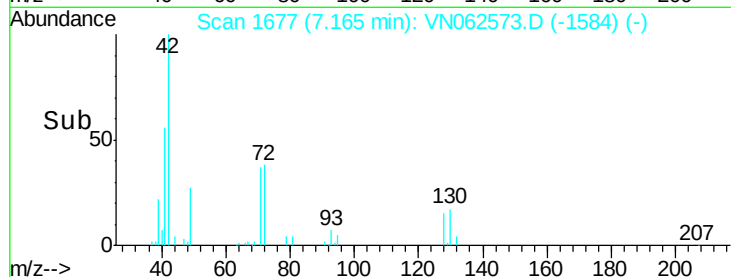
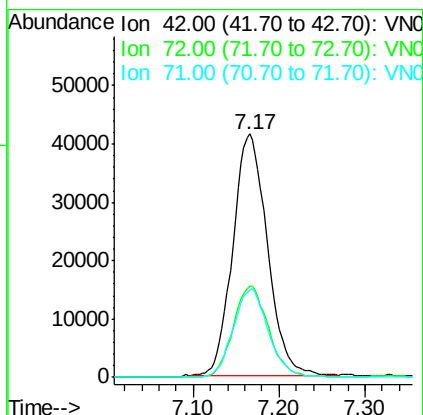
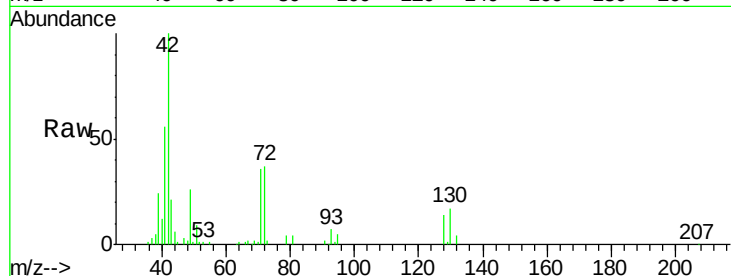




#29
Tetrahydrofuran
Concen: 84.184 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

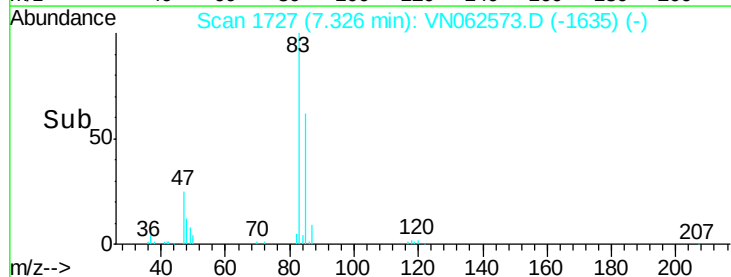
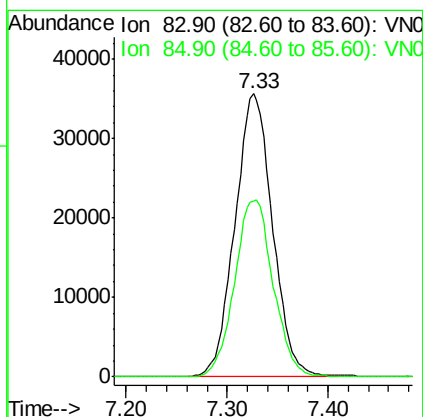
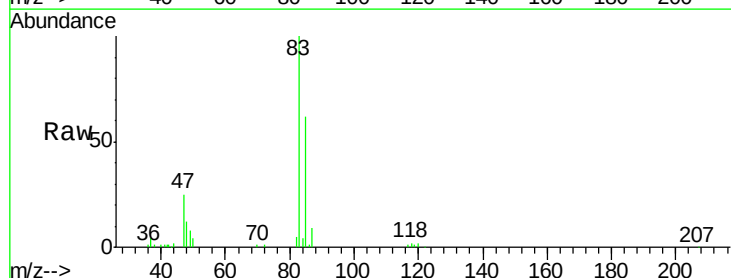
Instrument :
MSVOA_N
ClientSampled :
VN0721WBS01

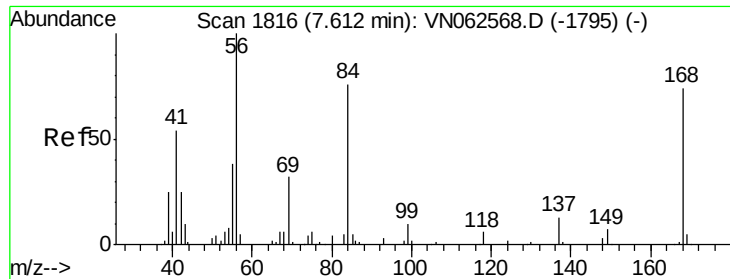
Tot Ion: 42 Resp: 115653
Ion Ratio Lower Upper
42 100
72 38.8 30.7 46.1
71 37.1 29.1 43.7



#30
Chloroform
Concen: 17.132 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 83 Resp: 92091
Ion Ratio Lower Upper
83 100
85 62.1 52.0 78.0

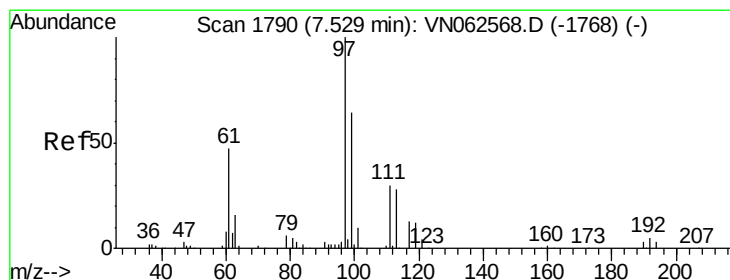
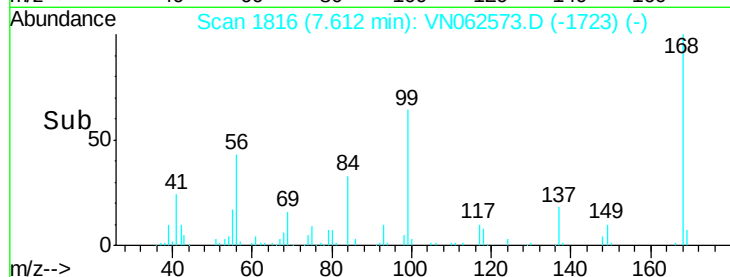
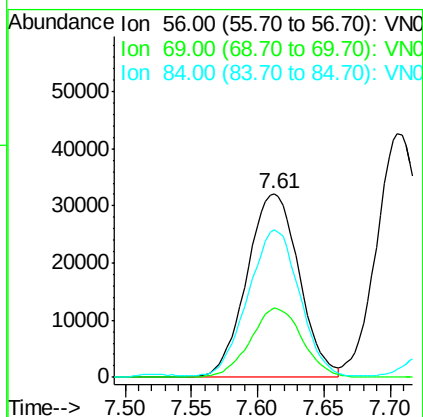
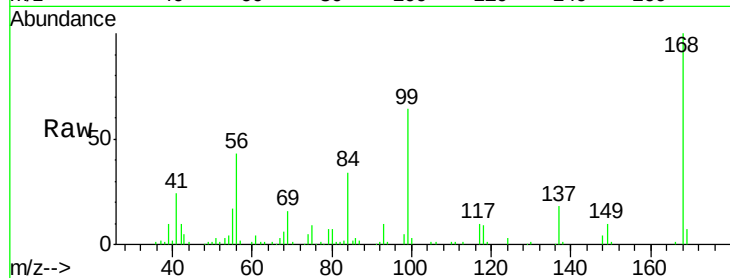




#31
Cyclohexane
Concen: 16.922 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

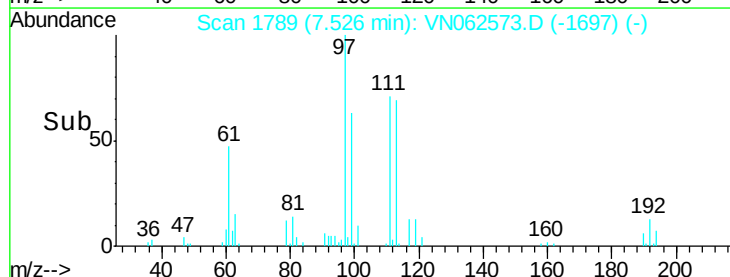
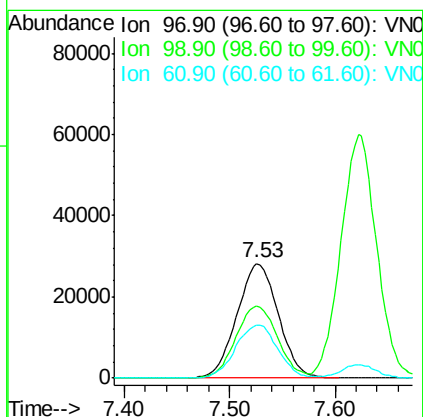
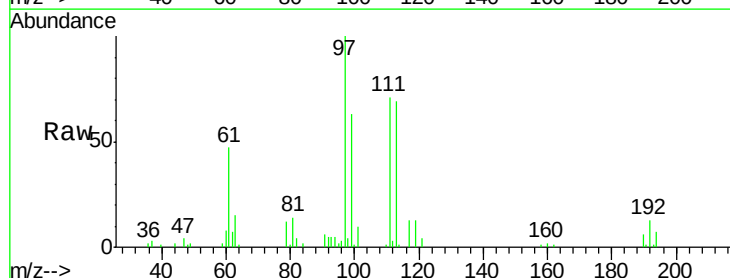
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

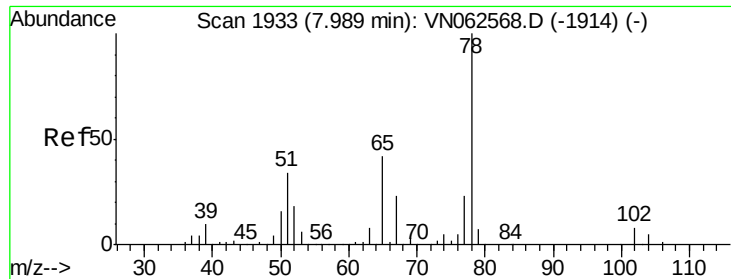
Tot Ion: 56 Resp: 88334
Ion Ratio Lower Upper
56 100
69 37.5 25.3 37.9
84 79.2 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 17.144 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 97 Resp: 76941
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 47.1 38.4 57.6

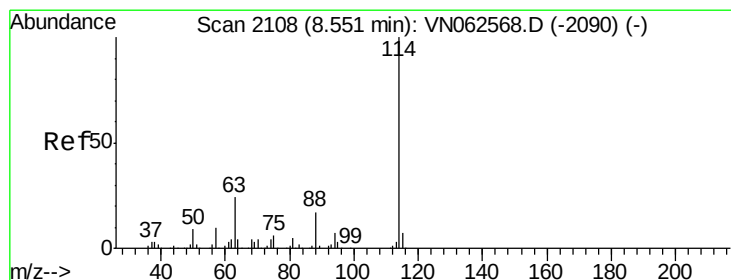
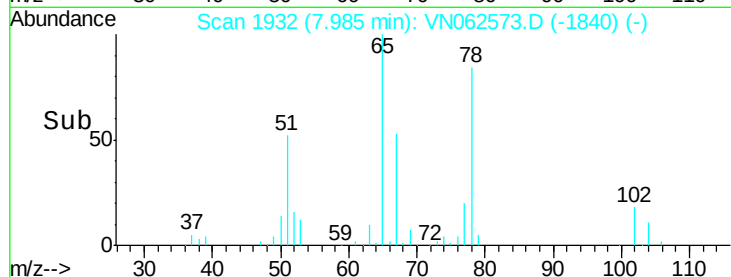
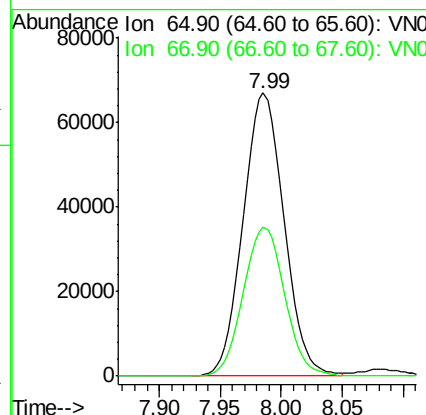
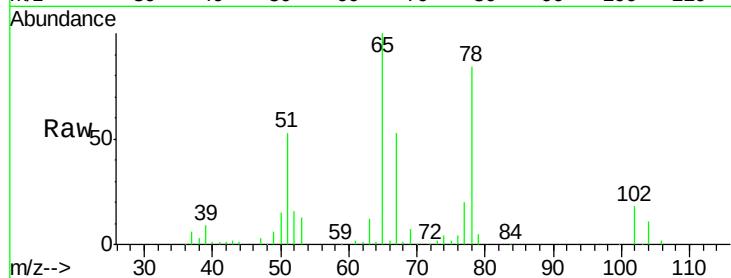




#33
 1,2-Dichloroethane-d4
 Concen: 44.032 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

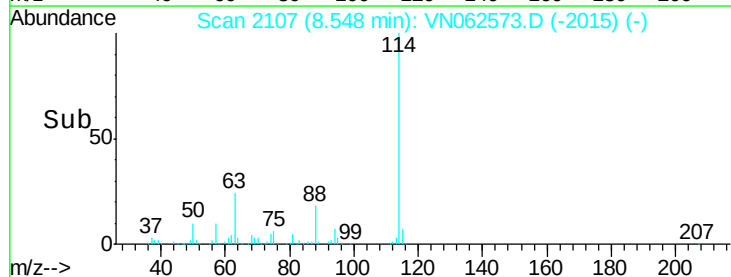
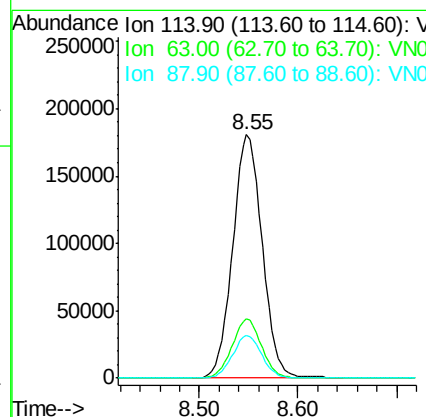
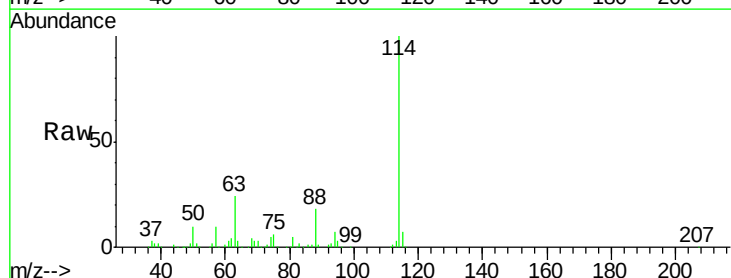
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

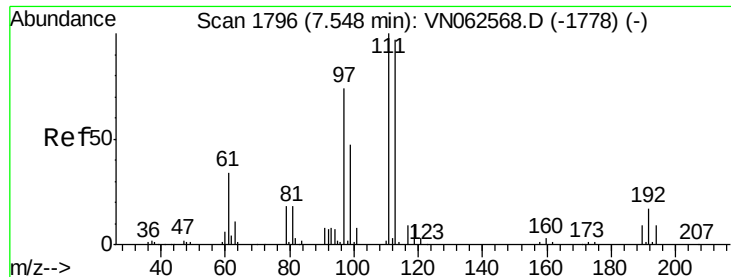
Tot Ion: 65 Resp: 155987
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 114 Resp: 377681
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.6 0.0 33.8

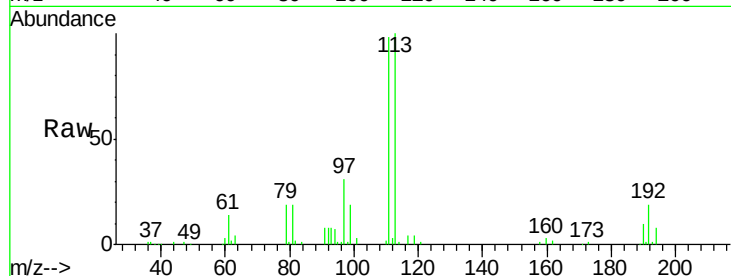




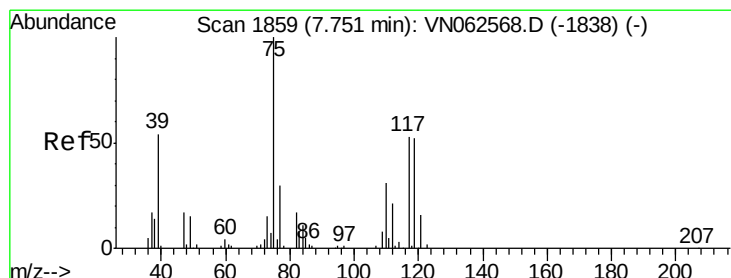
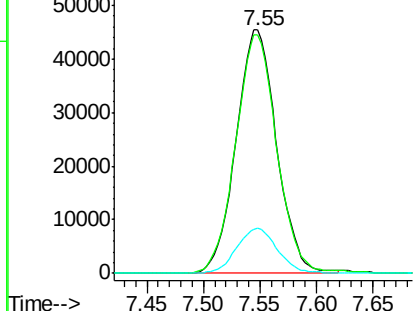
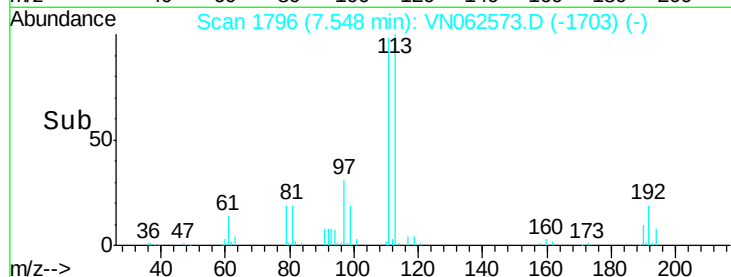
#35
 Dibromofluoromethane
 Concen: 45.682 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

Tot Ion:113 Resp: 113330
 Ion Ratio Lower Upper
 113 100
 111 99.8 82.7 124.1
 192 18.5 14.8 22.2

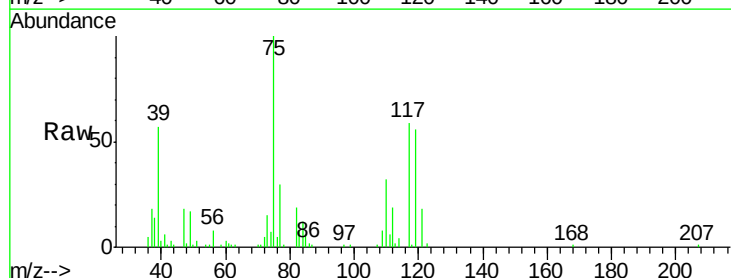


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

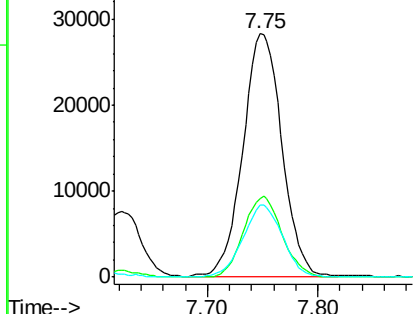
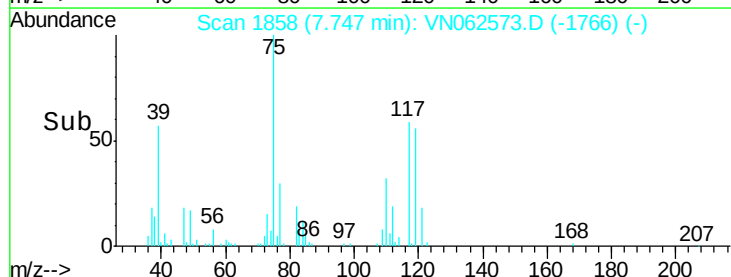


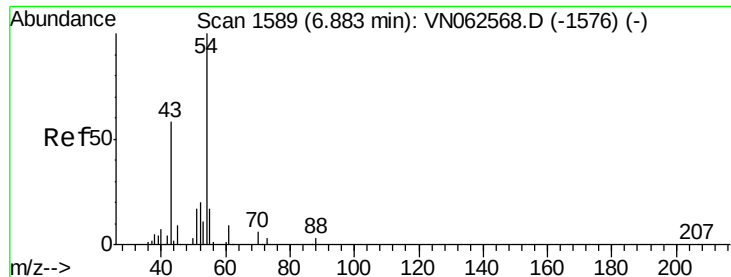
#36
 1,1-Dichloropropene
 Concen: 17.291 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 75 Resp: 69608
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.0 48.0
 77 29.8 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

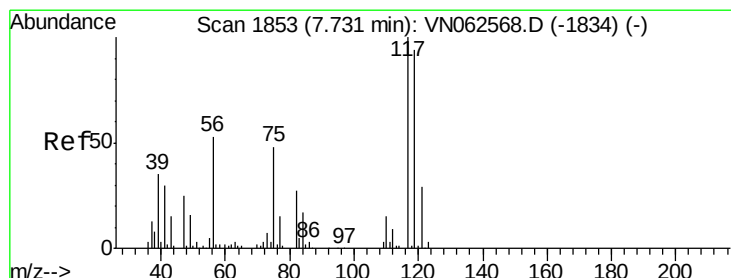
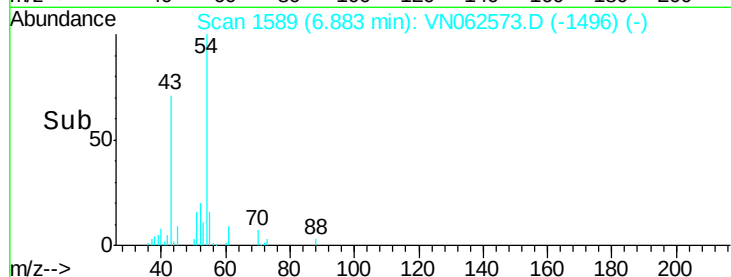
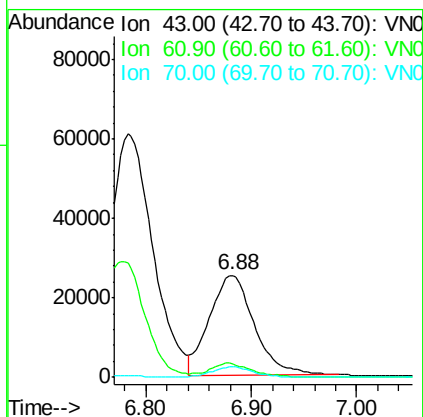
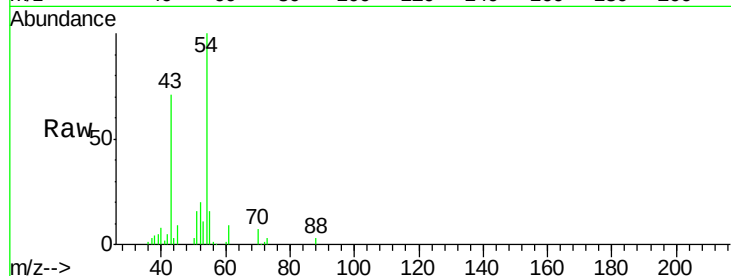




#37
Ethyl Acetate
Concen: 17.350 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

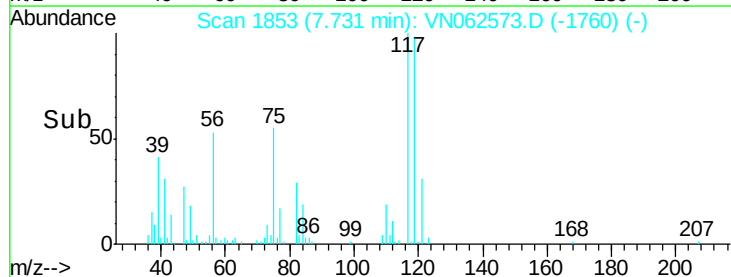
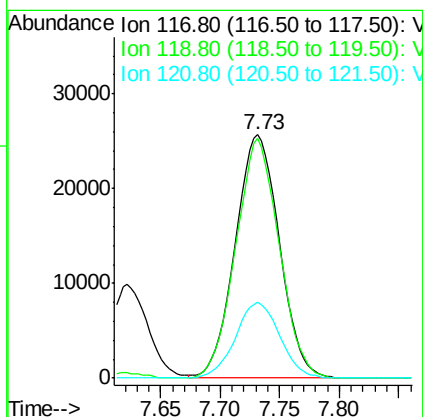
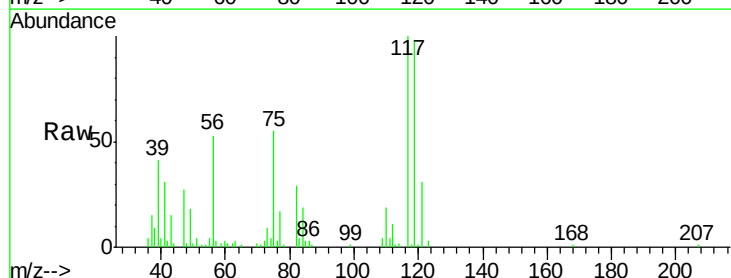
Instrument :
MSVOA_N
ClientSampled :
VN0721WBS01

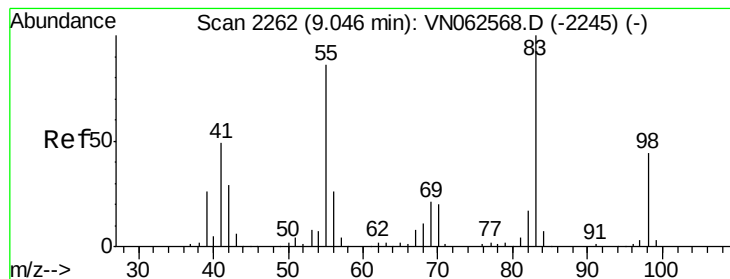
Tot Ion: 43 Resp: 75291
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 17.087 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 117 Resp: 66118
Ion Ratio Lower Upper
117 100
119 98.3 74.8 112.2
121 31.0 23.0 34.6

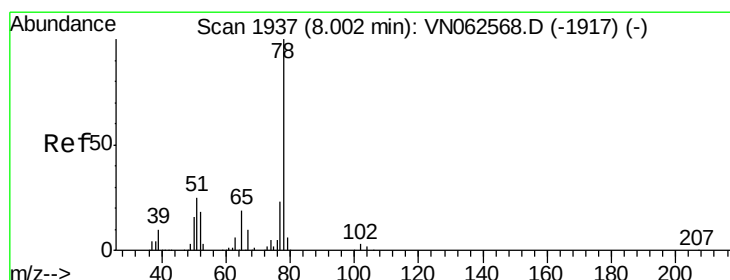
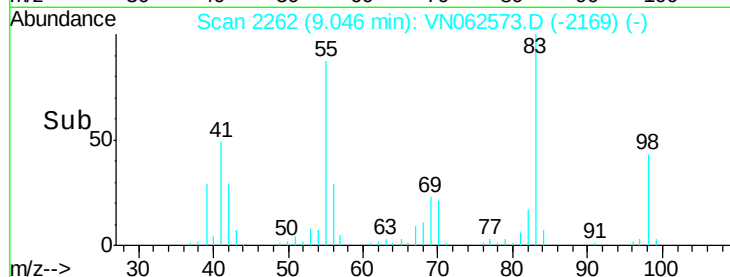
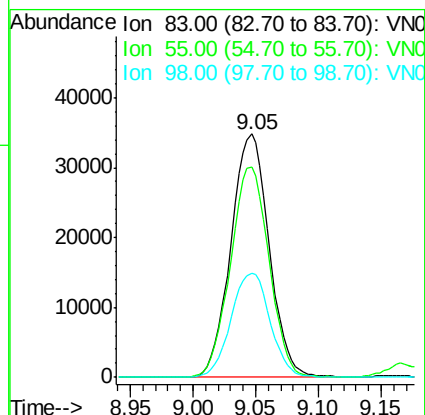
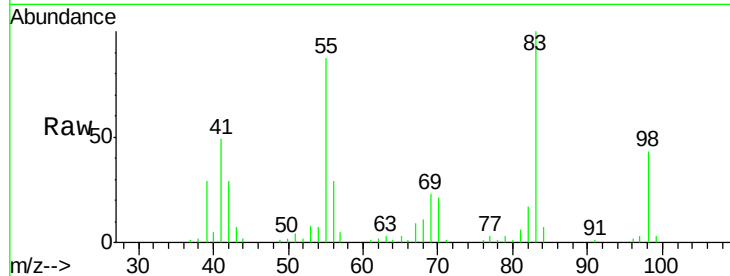




#39
Methylvlcyclohexane
Concen: 17.009 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

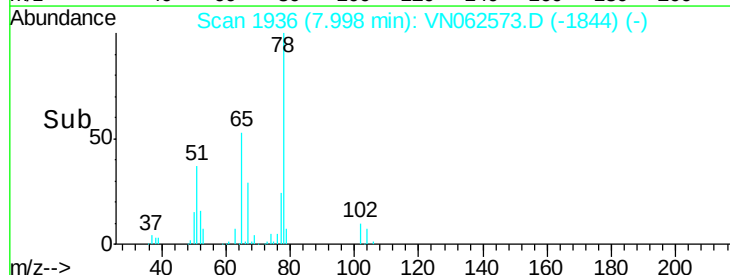
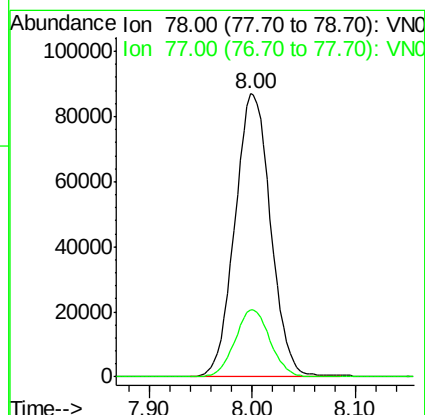
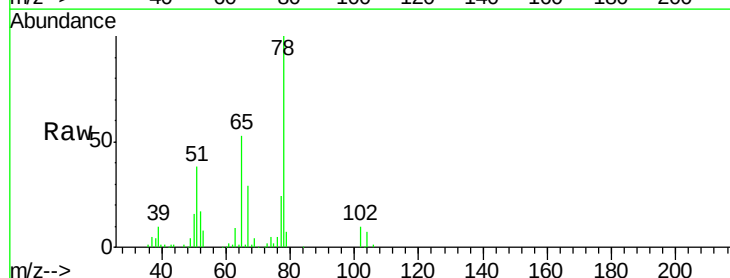
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

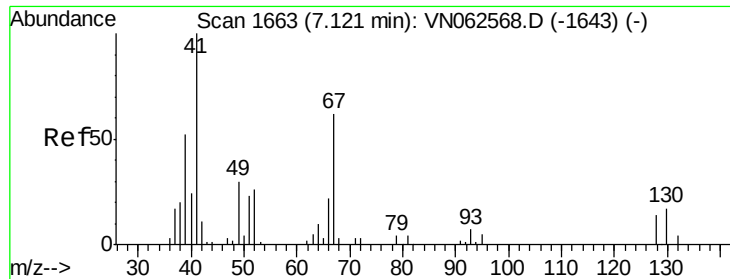
Tot Ion: 83 Resp: 73707
Ion Ratio Lower Upper
83 100
55 86.6 68.9 103.3
98 42.7 35.1 52.7



#40
Benzene
Concen: 17.237 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 78 Resp: 210073
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

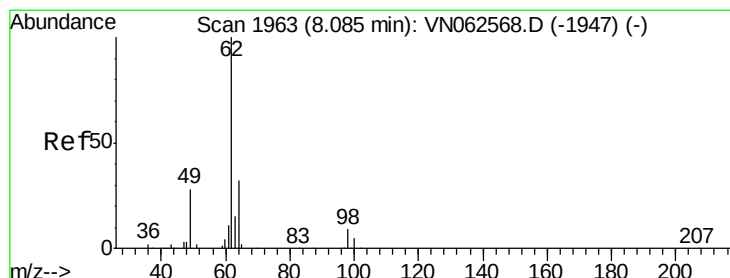
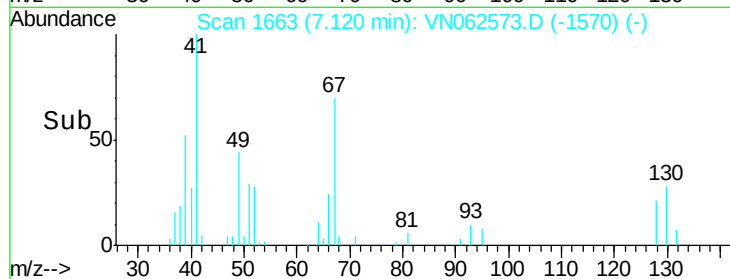
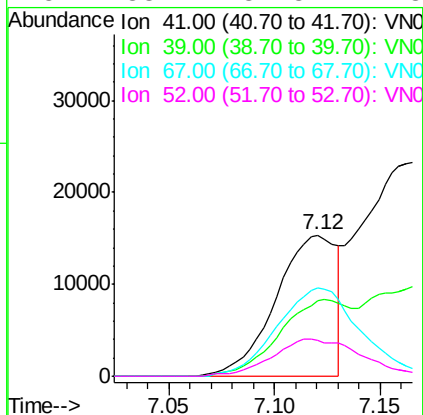
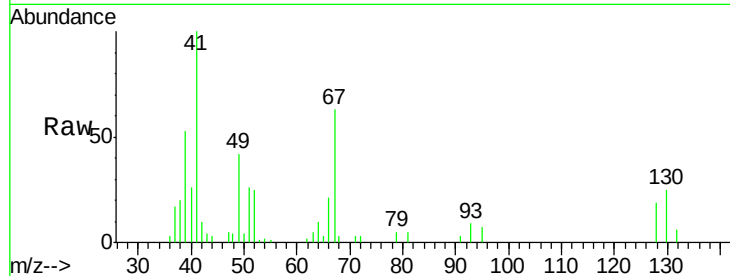




#41
Methacrylonitrile
Concen: 16.518 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

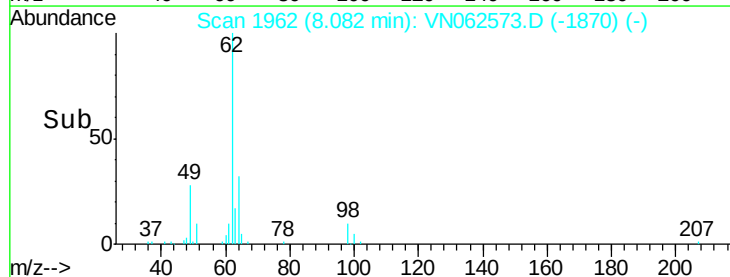
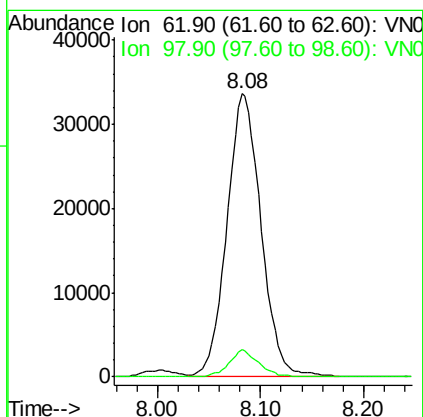
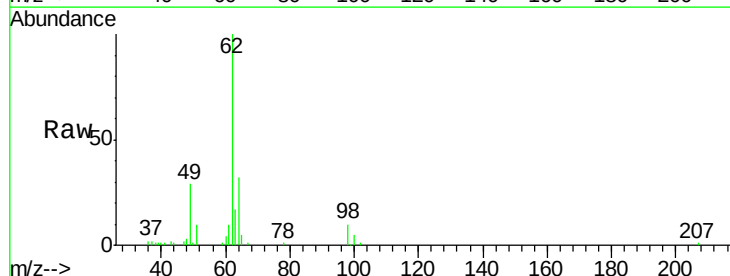
Instrument :
MSVOA_N
ClientSampled :
VN0721WBS01

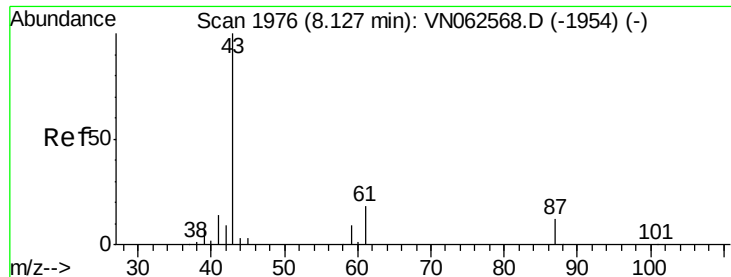
Tot Ion:	41	Resp:	30721
Ion	Ratio	Lower	Upper
41	100		
39	61.5	55.8	83.6
67	87.2	72.5	108.7
52	38.7	31.8	47.8



#42
1,2-Dichloroethane
Concen: 17.402 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion:	62	Resp:	77539
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.224 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

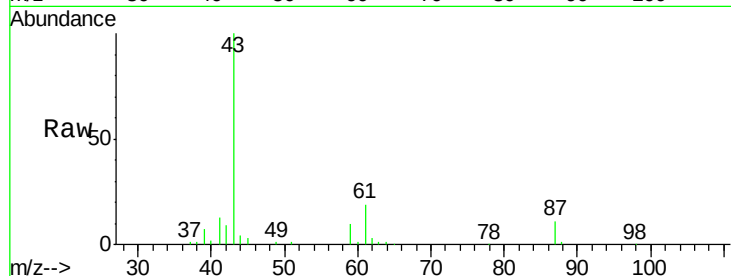
Tot Ion: 43 Resp: 120492

Ion Ratio Lower Upper

43 100

61 25.7 20.8 31.2

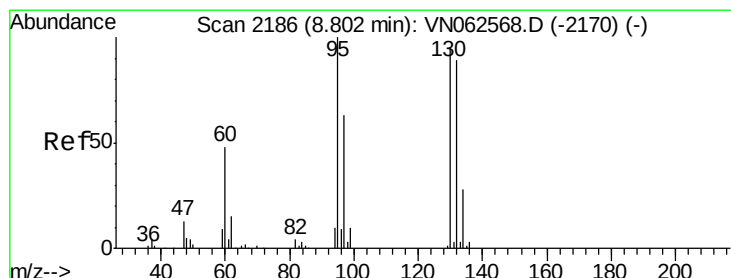
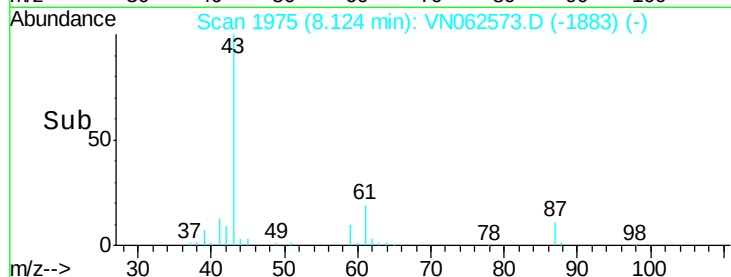
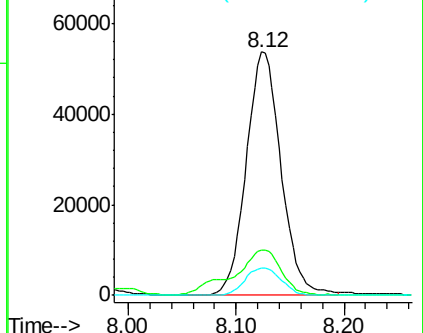
87 11.6 9.2 13.8



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

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

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



#44

Trichloroethene

Concen: 17.106 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062573.D

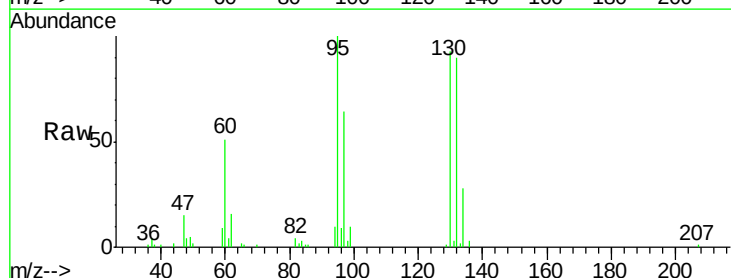
Acq: 21 Jul 2020 15:58

Tgt Ion:130 Resp: 47014

Ion Ratio Lower Upper

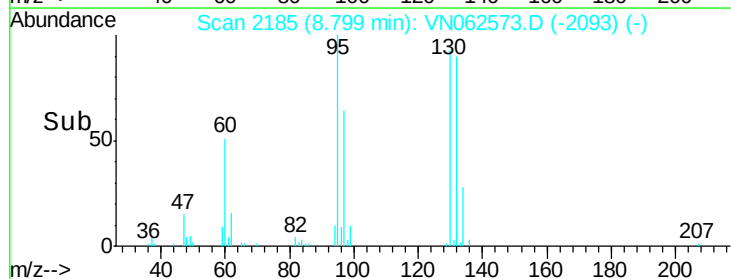
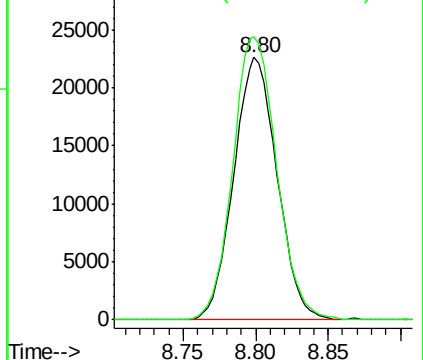
130 100

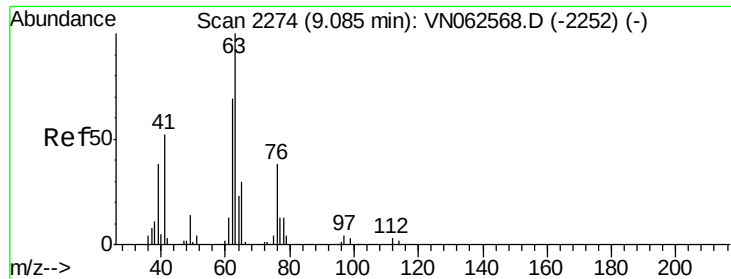
95 107.8 0.0 210.4



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

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

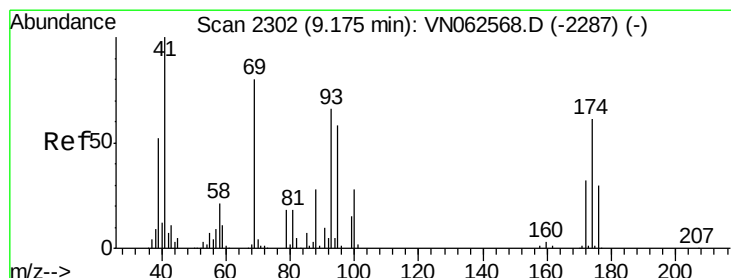
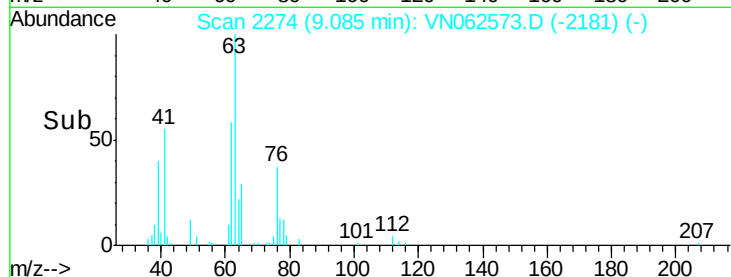
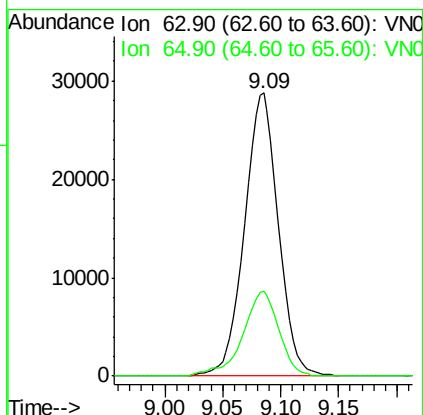
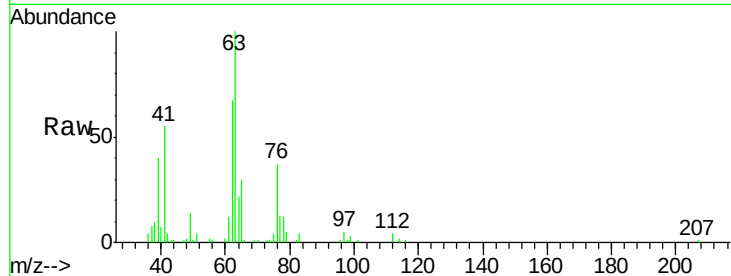




#45
 1,2-Dichloropropane
 Concen: 17.124 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

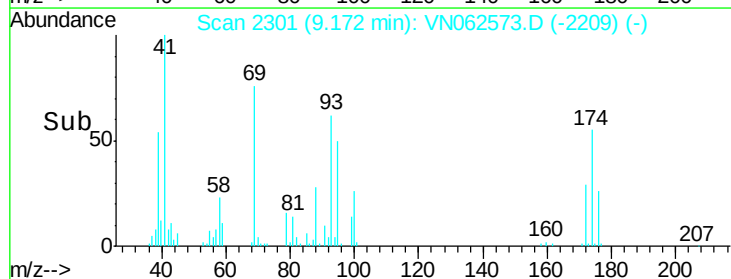
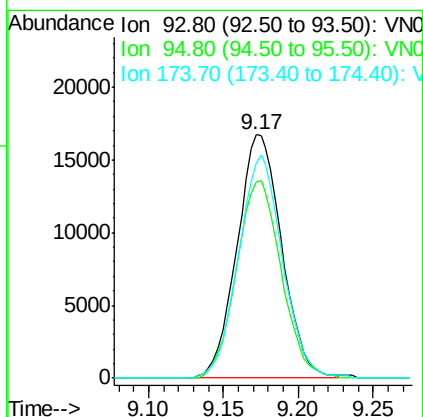
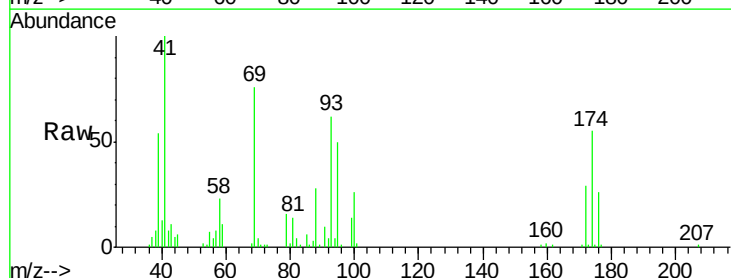
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

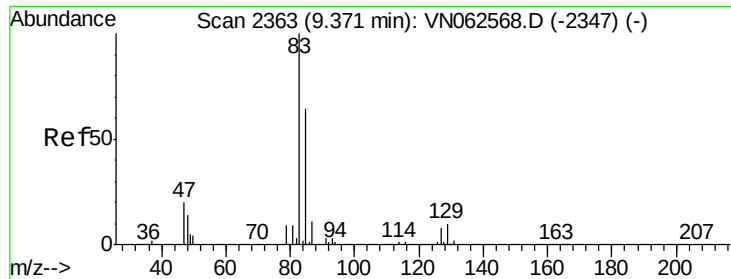
Tot Ion: 63 Resp: 58595
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.4 36.6



#46
 Dibromomethane
 Concen: 17.529 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 93 Resp: 34668
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.6 101.4
 174 90.5 72.5 108.7

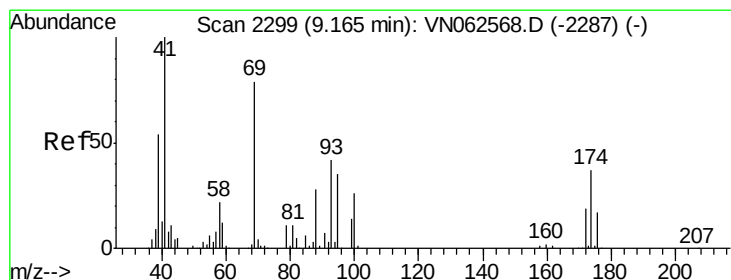
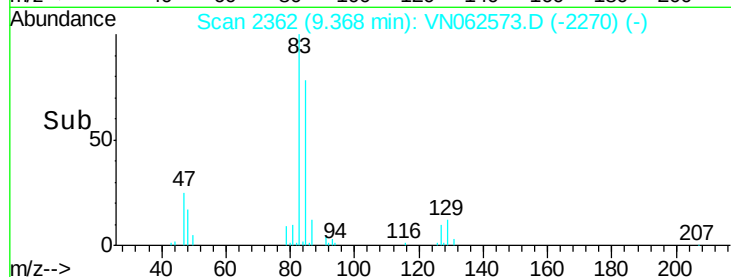
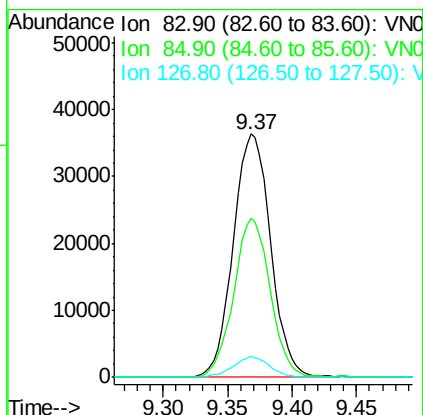
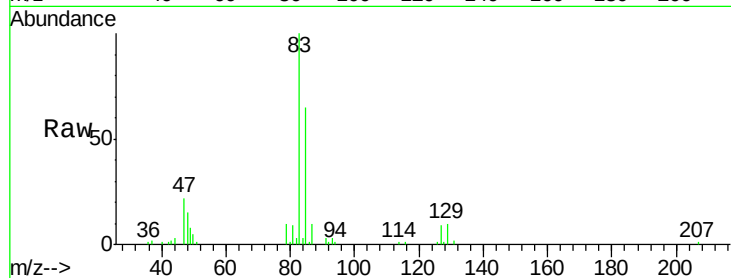




#47
 Bromodichloromethane
 Concen: 17.118 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

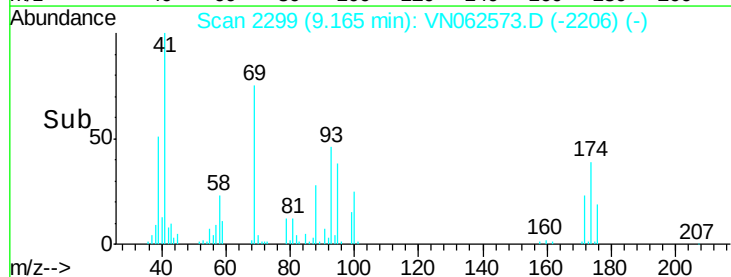
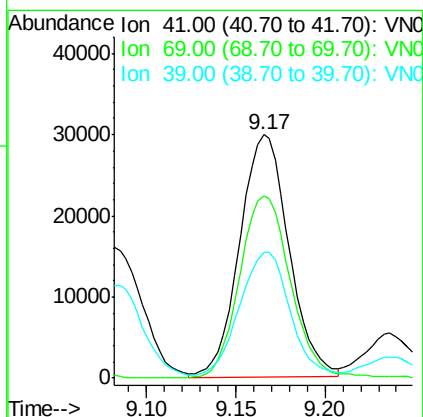
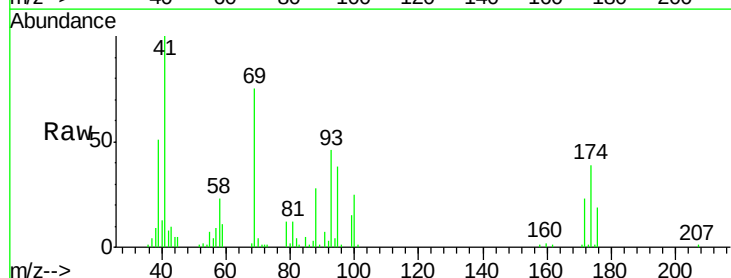
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

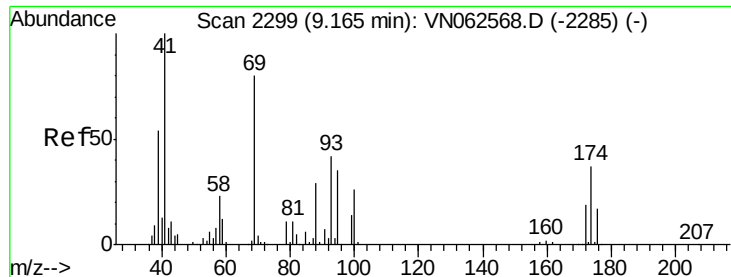
Tot Ion: 83 Resp: 73348
 Ion Ratio Lower Upper
 83 100
 85 65.4 51.6 77.4
 127 8.6 6.2 9.2



#48
 Methyl methacrylate
 Concen: 17.327 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 41 Resp: 57619
 Ion Ratio Lower Upper
 41 100
 69 77.7 64.4 96.6
 39 53.0 43.5 65.3

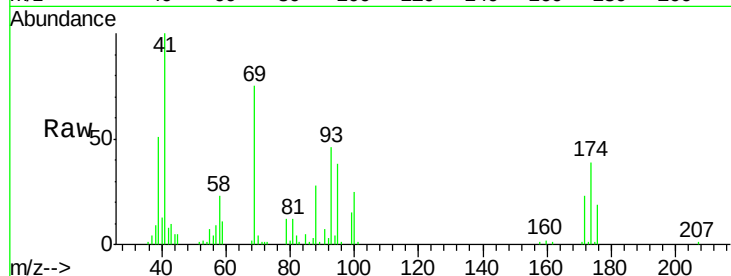




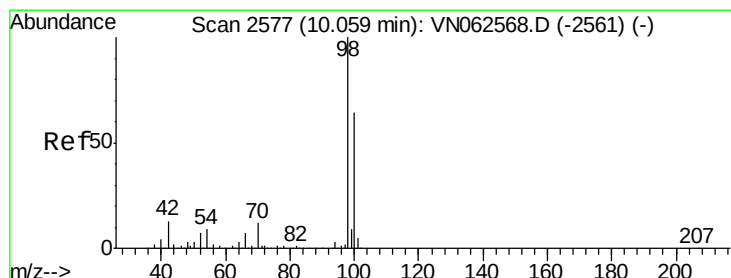
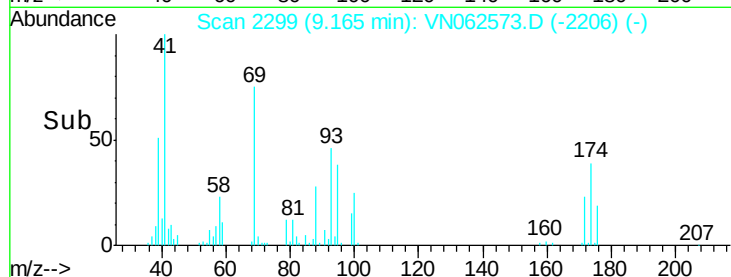
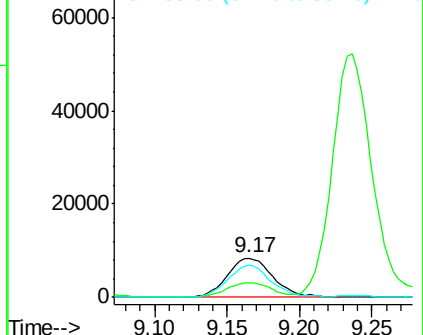
#49
1,4-Dioxane
Concen: 357.612 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

Tot Ion: 88 Resp: 18265
Ion Ratio Lower Upper
88 100
43 37.2 32.0 48.0
58 78.9 62.8 94.2

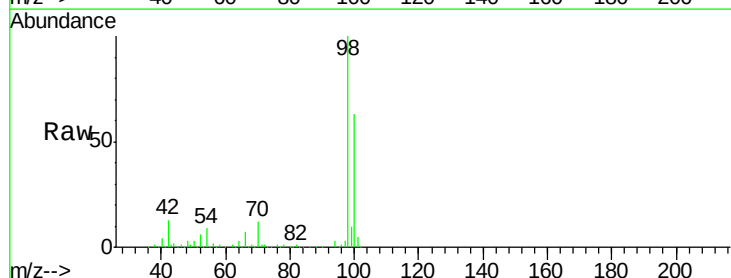


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

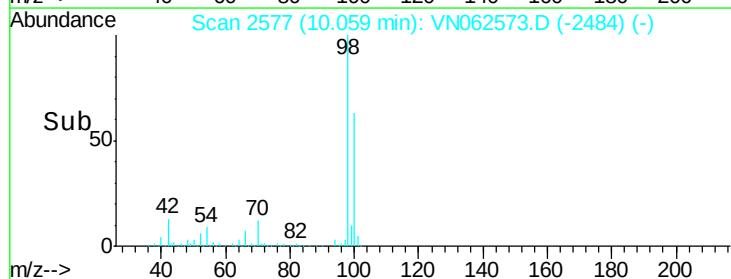
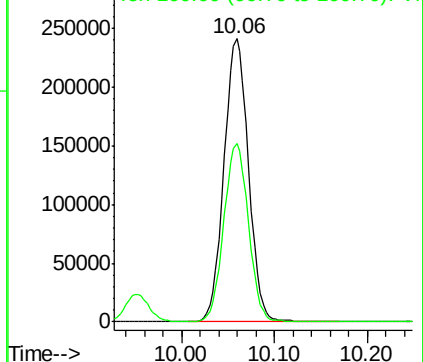


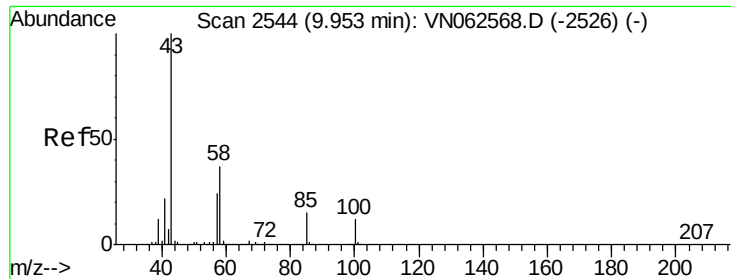
#50
Toluene-d8
Concen: 44.689 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 98 Resp: 442345
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 87.326 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

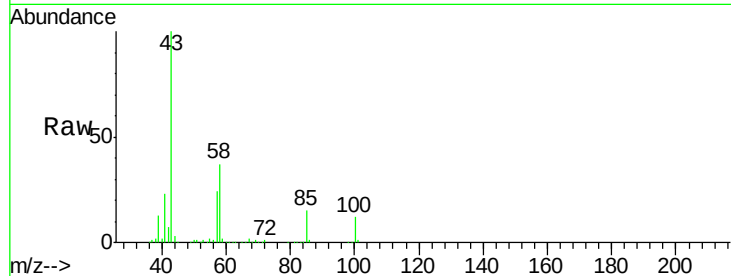
VN0721WBS01

Tot Ion: 43 Resp: 365519

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6



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

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

9.95

200000

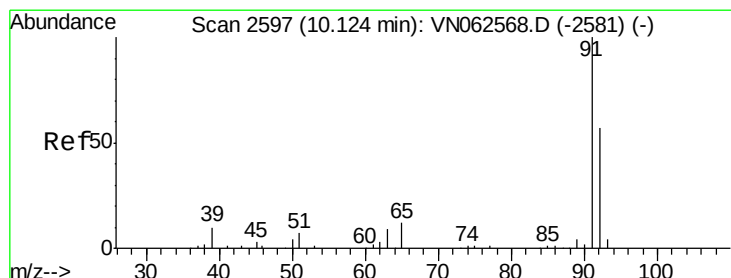
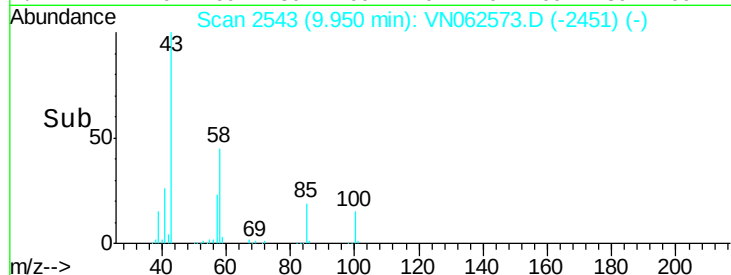
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.524 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062573.D

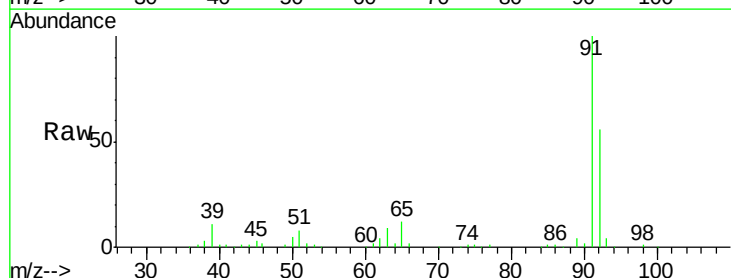
Acq: 21 Jul 2020 15:58

Tgt Ion: 92 Resp: 124019

Ion Ratio Lower Upper

92 100

91 175.3 139.4 209.2



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

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

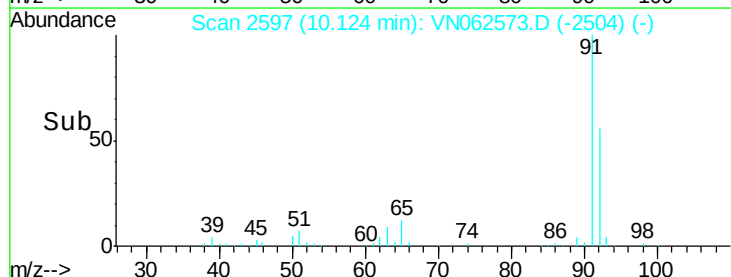
10.12

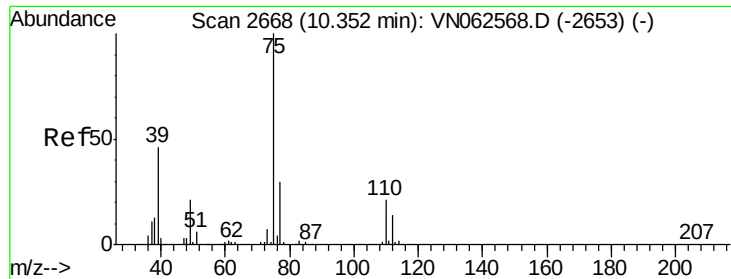
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.507 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

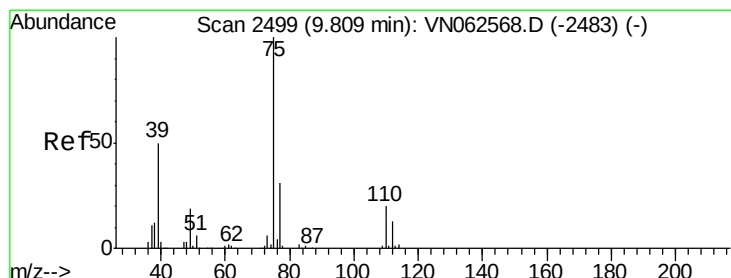
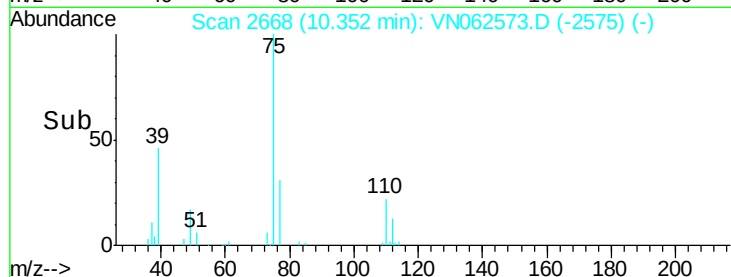
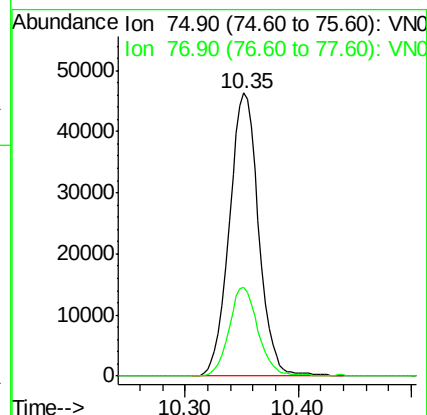
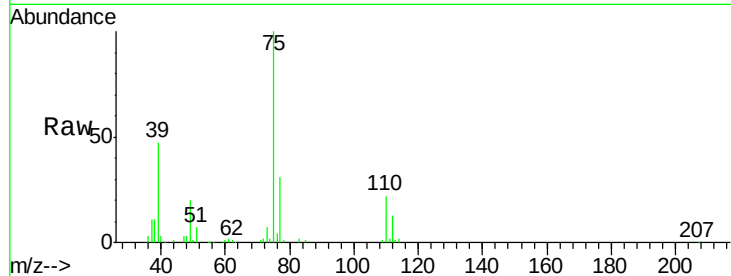
VN0721WBS01

Tot Ion: 75 Resp: 83508

Ion Ratio Lower Upper

75 100

77 31.5 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 17.639 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

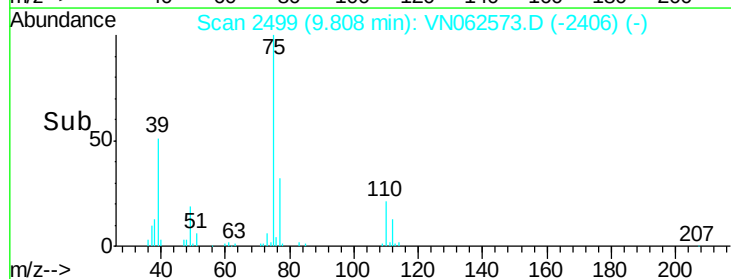
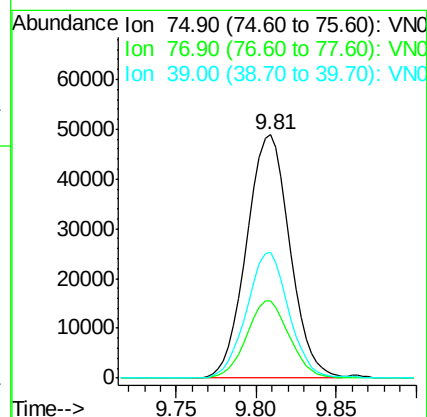
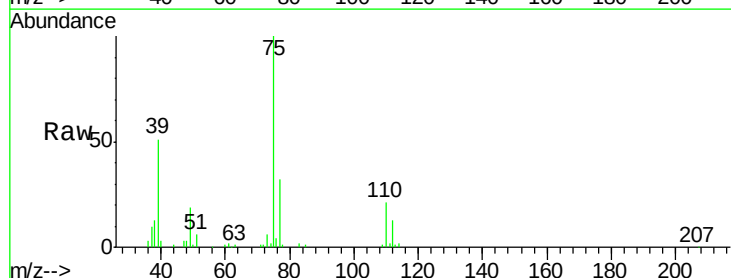
Tgt Ion: 75 Resp: 90281

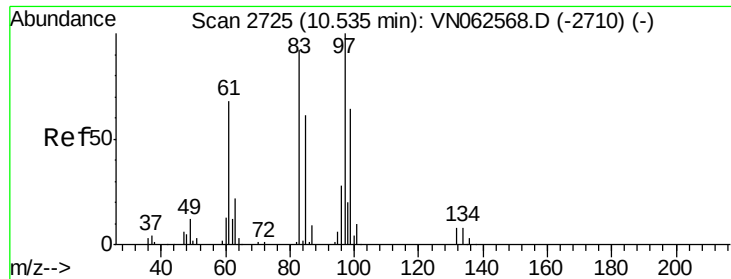
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 51.5 39.8 59.8

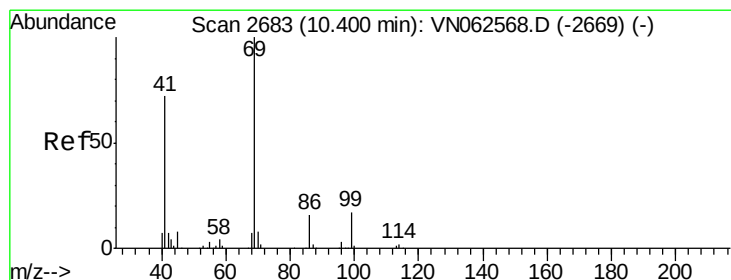
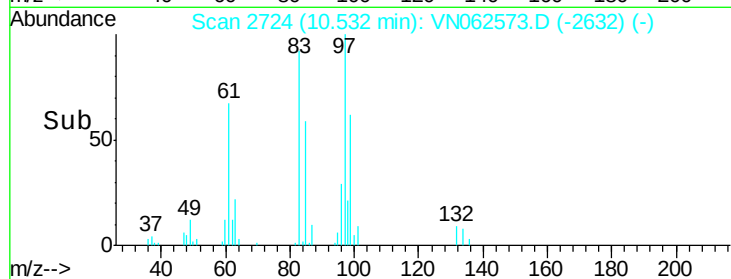
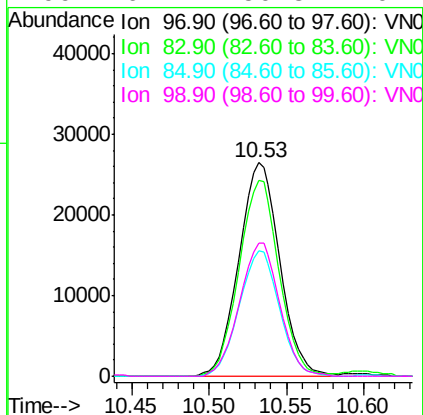
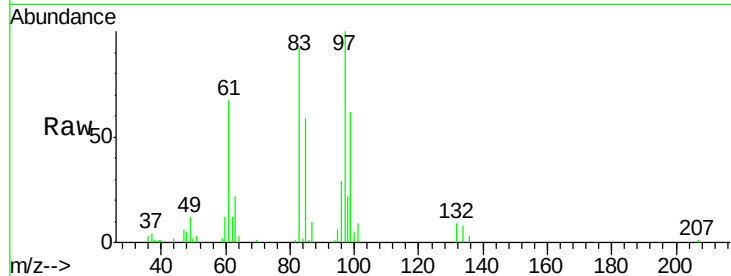




#55
 1,1,2-Trichloroethane
 Concen: 17.761 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

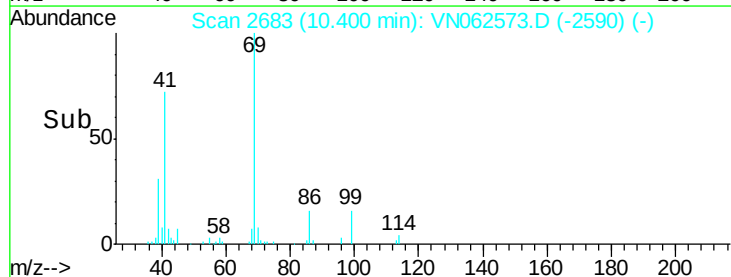
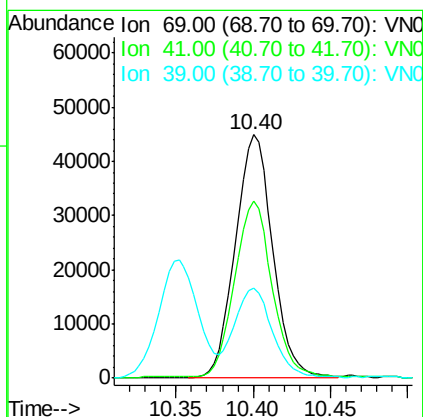
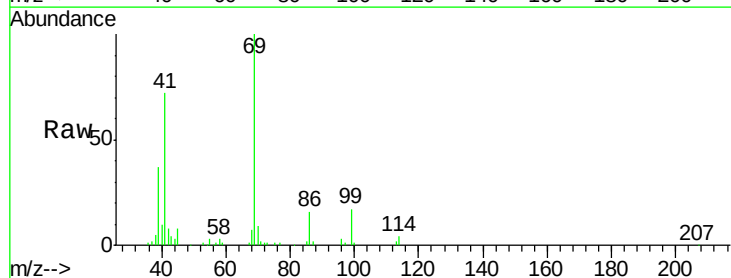
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

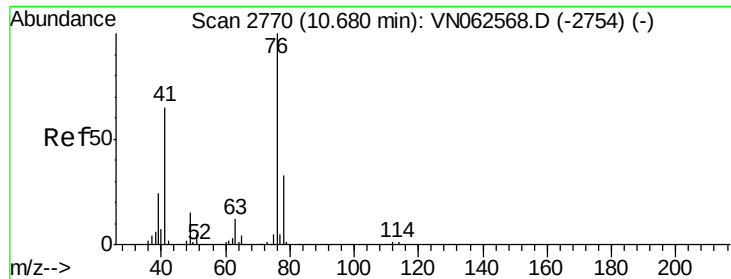
Tot Ion:	97	Resp:	48756
Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.7	110.5
85	58.7	48.5	72.7
99	62.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 16.618 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion:	69	Resp:	75877
Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.2	85.8
39	37.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 17.129 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

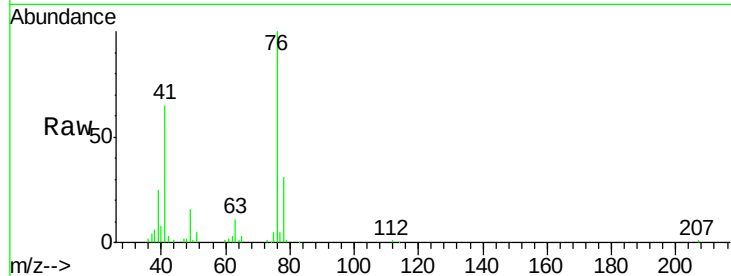
VN0721WBS01

Tot Ion: 76 Resp: 86144

Ion Ratio Lower Upper

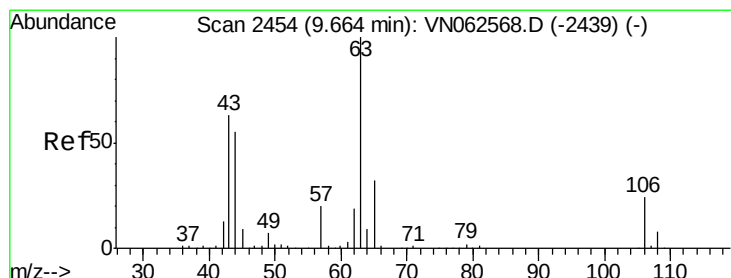
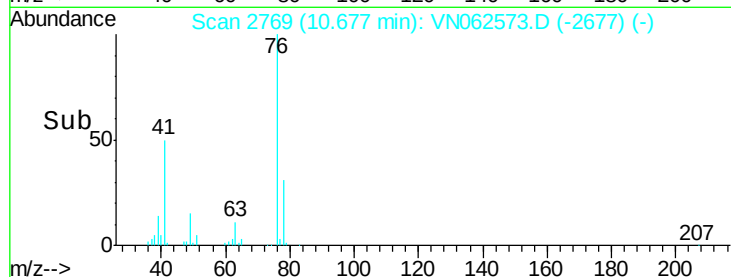
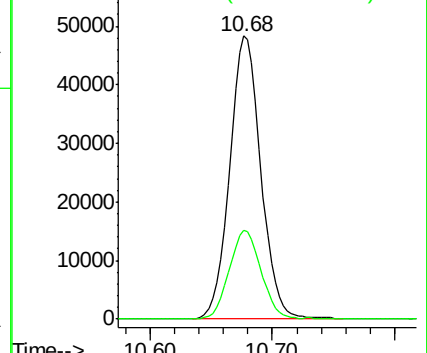
76 100

78 31.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 91.215 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062573.D

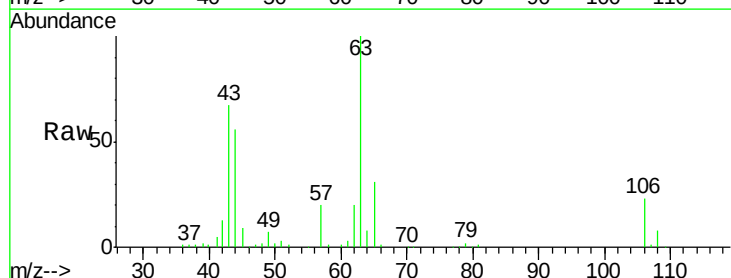
Acq: 21 Jul 2020 15:58

Tgt Ion: 63 Resp: 118628

Ion Ratio Lower Upper

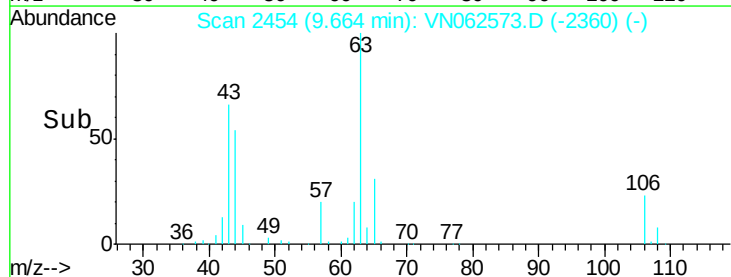
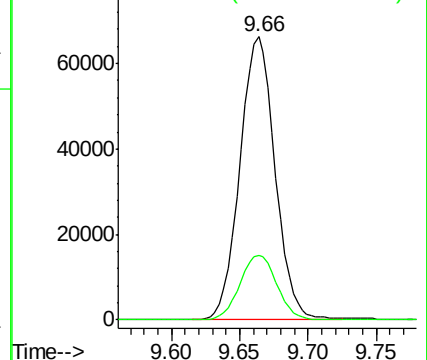
63 100

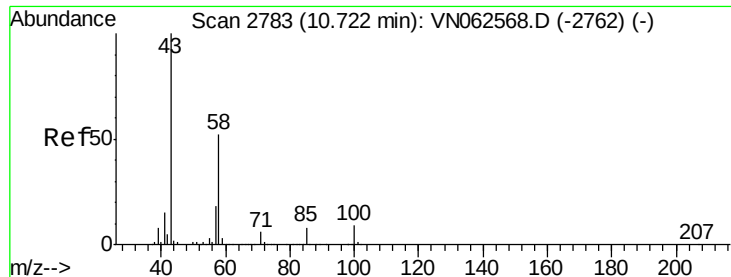
106 23.8 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

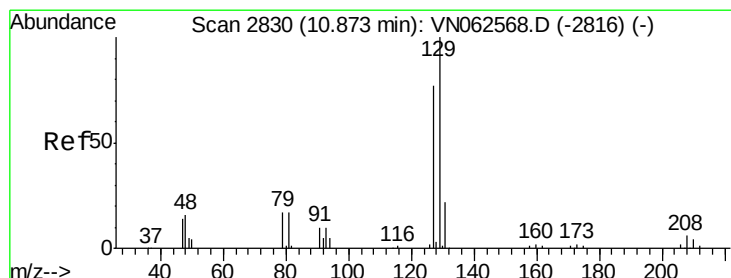
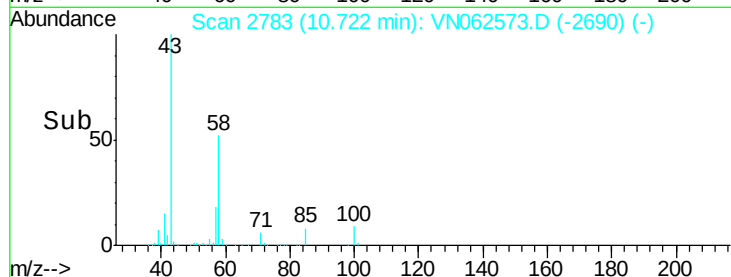
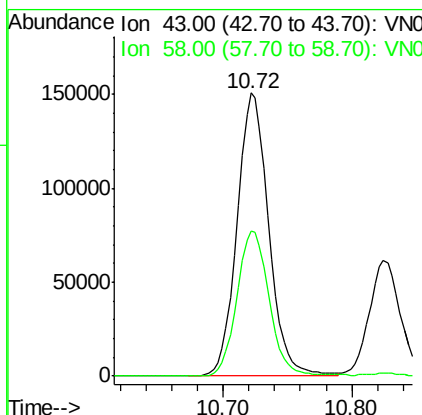
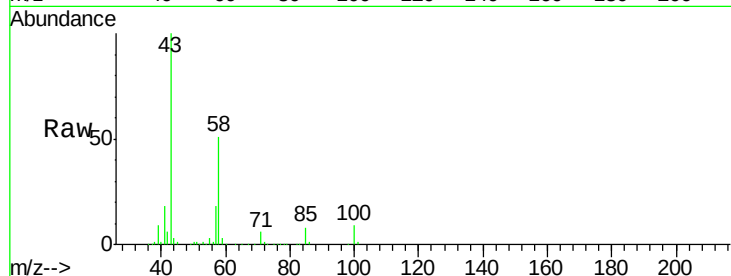




#59
2-Hexanone
Concen: 81.663 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

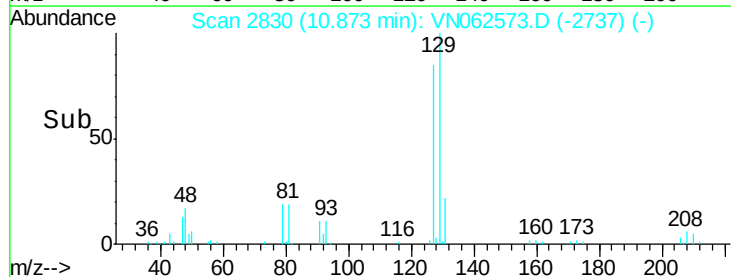
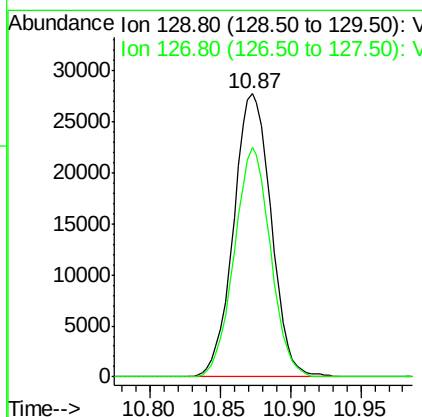
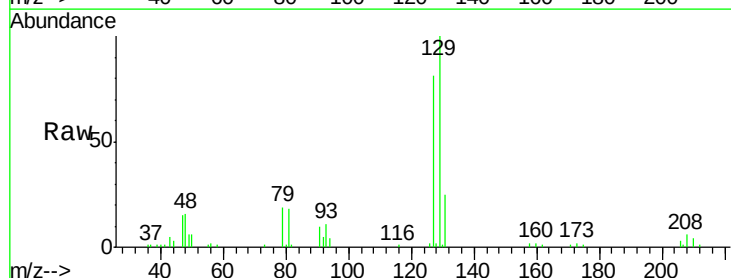
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

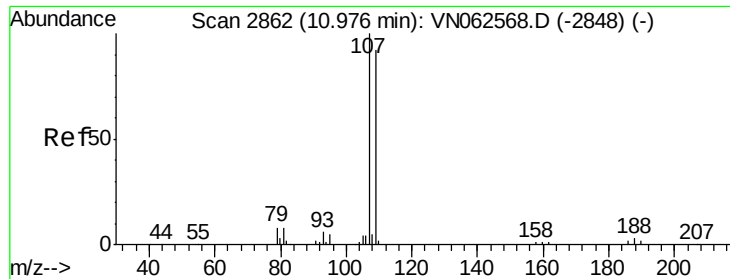
Tot Ion: 43 Resp: 257824
Ion Ratio Lower Upper
43 100
58 52.3 26.0 78.0



#60
Dibromochloromethane
Concen: 16.897 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion: 129 Resp: 51745
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9

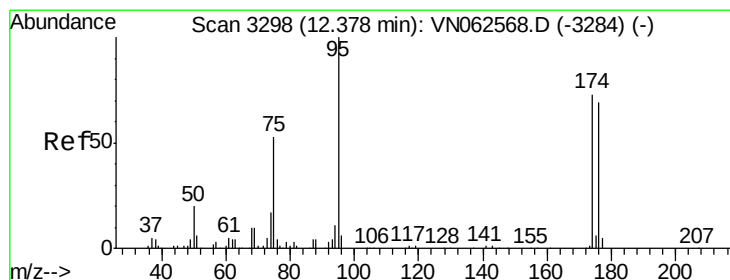
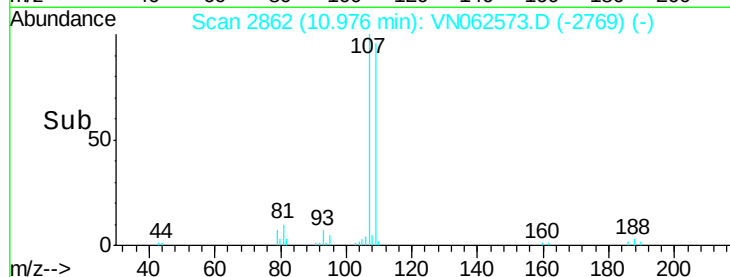
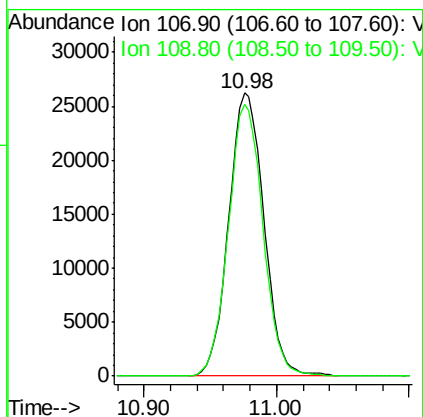
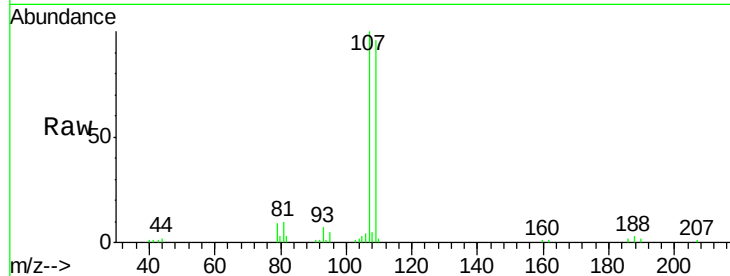




#61
 1,2-Dibromoethane
 Concen: 16.916 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

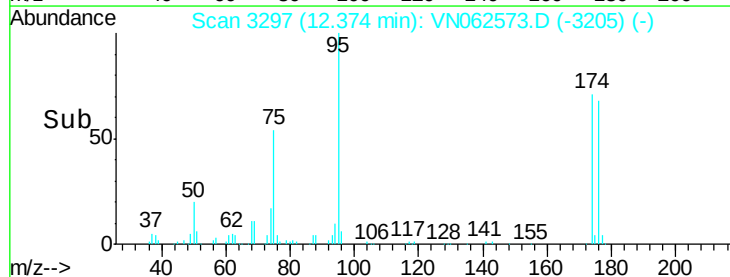
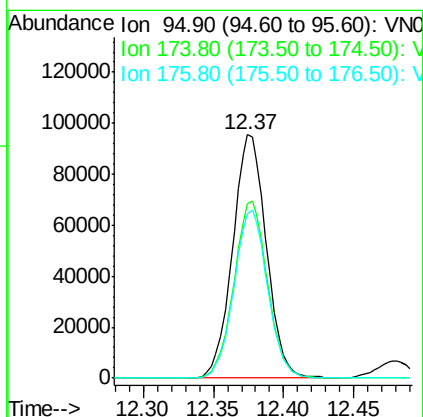
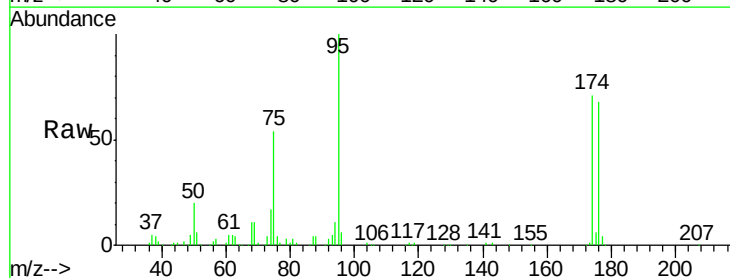
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

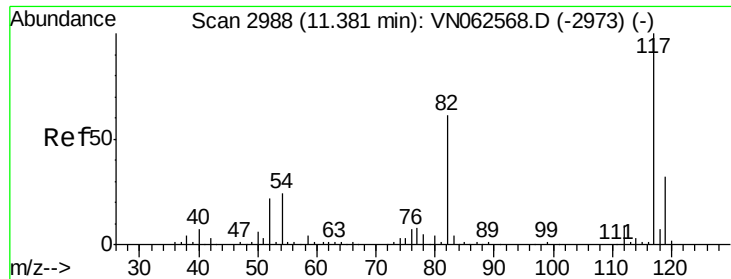
Tot Ion: 107 Resp: 48352
 Ion Ratio Lower Upper
 107 100
 109 94.4 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 44.088 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 95 Resp: 159565
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 144.6
 176 69.0 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

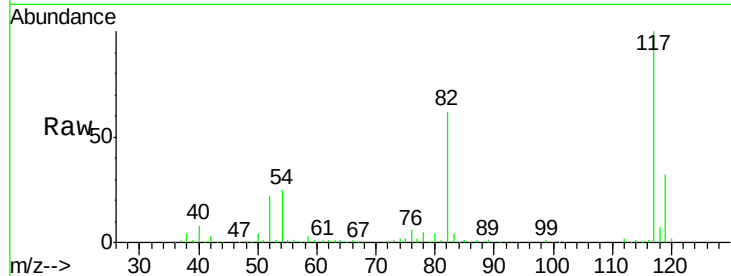
Tot Ion:117 Resp: 350959

Ion Ratio Lower Upper

117 100

82 62.3 49.0 73.6

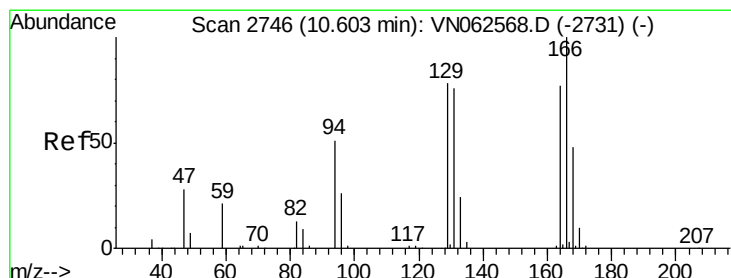
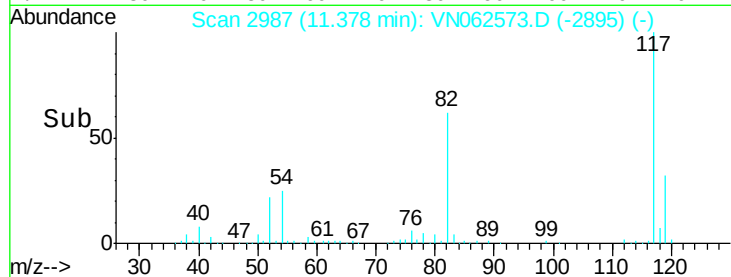
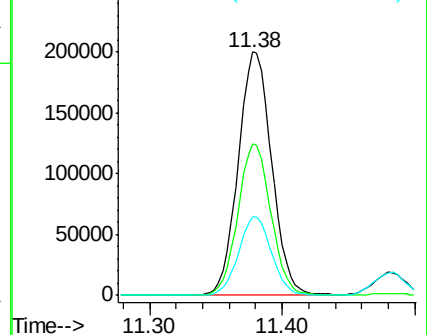
119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.502 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Tgt Ion:164 Resp: 39910

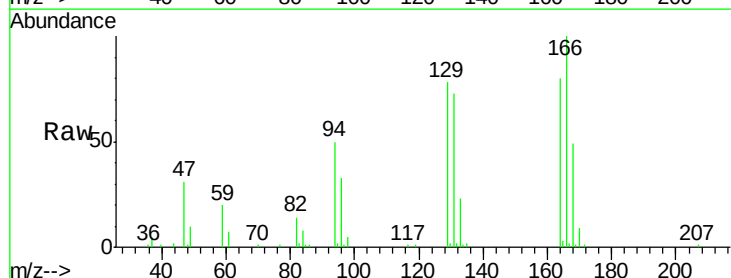
Ion Ratio Lower Upper

164 100

166 125.4 104.4 156.6

129 97.8 81.0 121.4

131 92.1 79.4 119.2

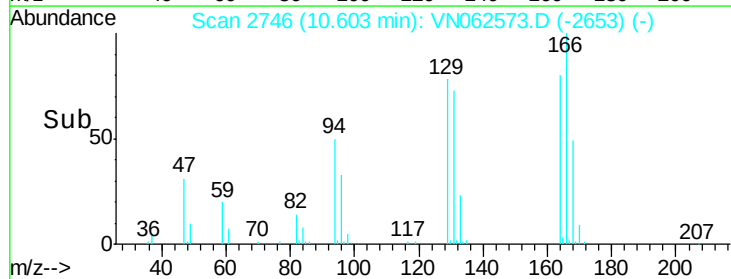
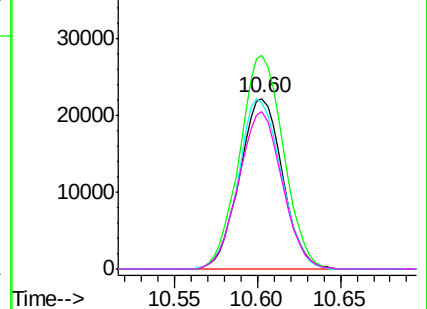


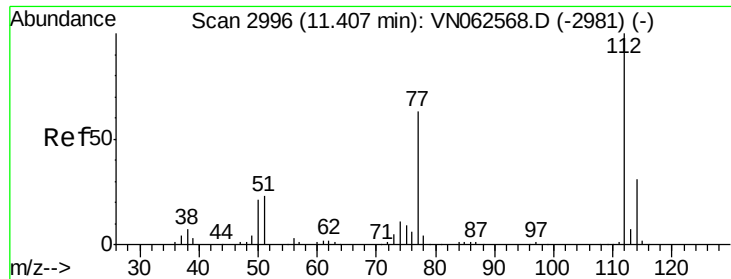
Abundance Ion 163.80 (163.50 to 164.50): V

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

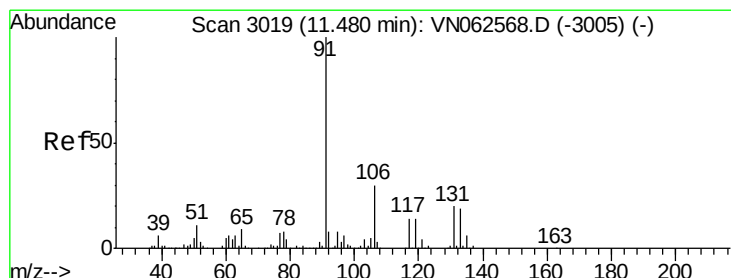
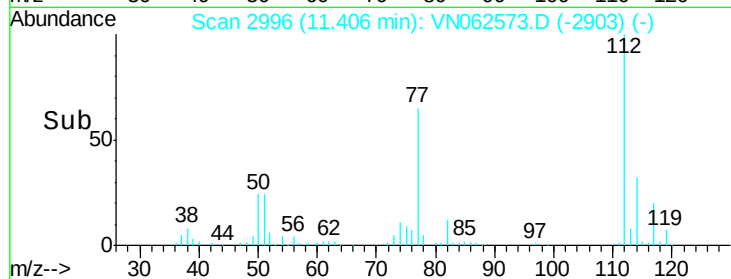
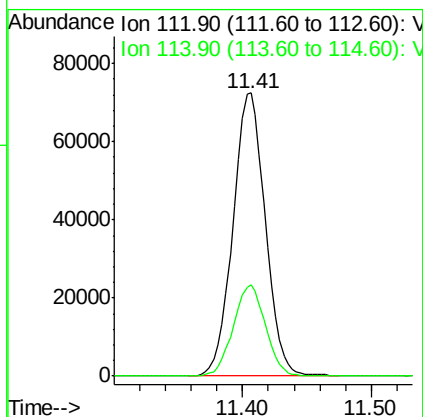
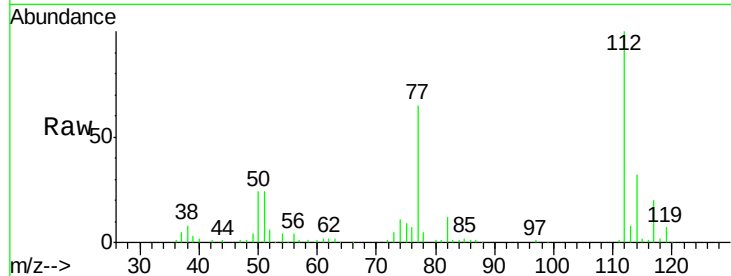




#65
Chlorobenzene
Concen: 17.163 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

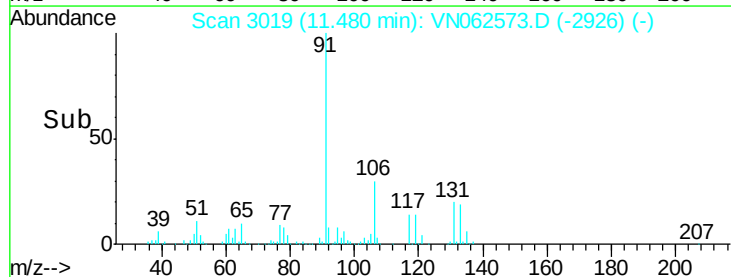
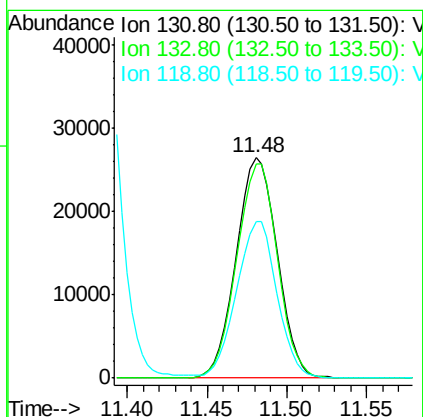
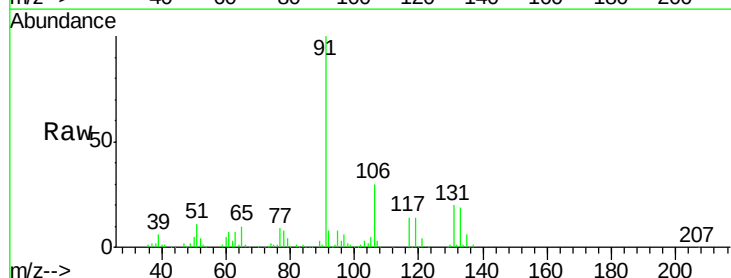
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBS01

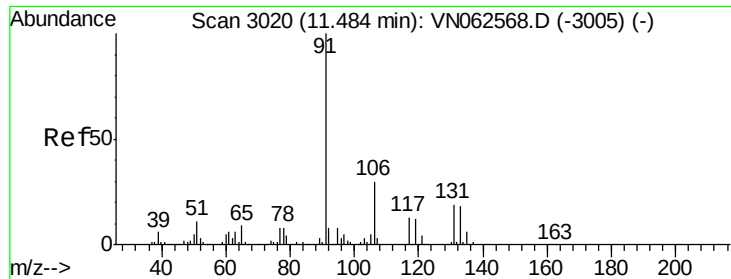
Tot Ion:112 Resp: 126281
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 16.762 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion:131 Resp: 46395
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 69.8 33.7 101.0





#67

Ethyl Benzene

Concen: 17.354 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

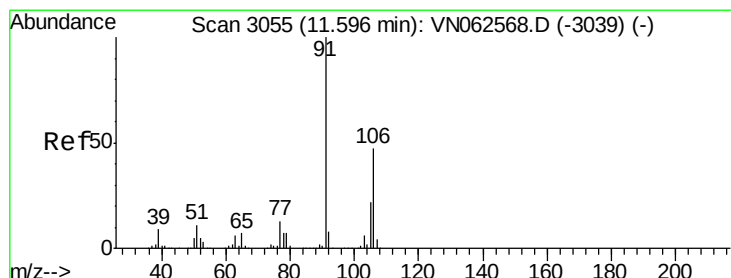
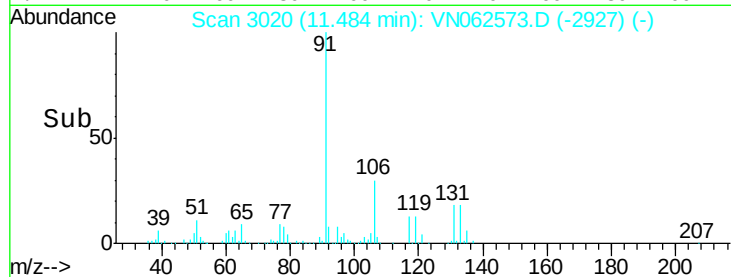
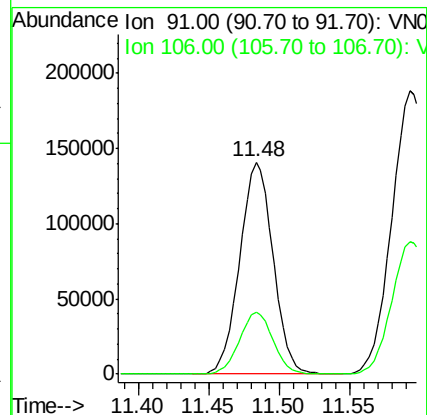
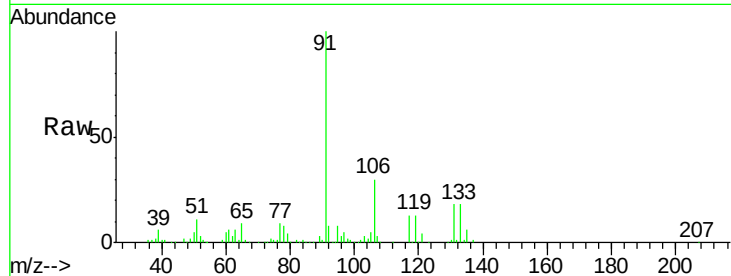
VN0721WBS01

Tot Ion: 91 Resp: 234113

Ion Ratio Lower Upper

91 100

106 29.6 23.8 35.8



#68

m/p-Xylenes

Concen: 35.584 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062573.D

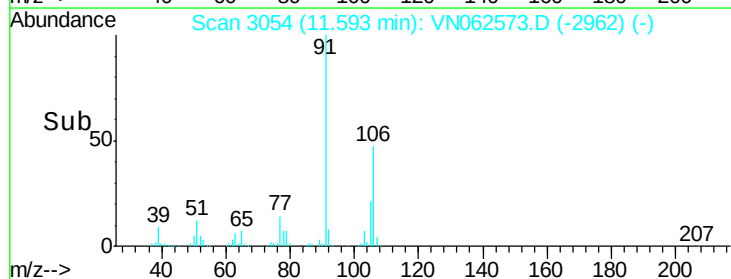
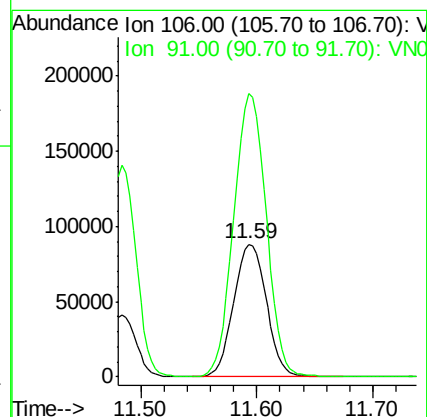
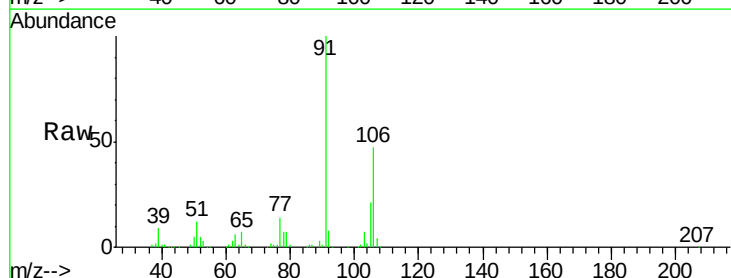
Acq: 21 Jul 2020 15:58

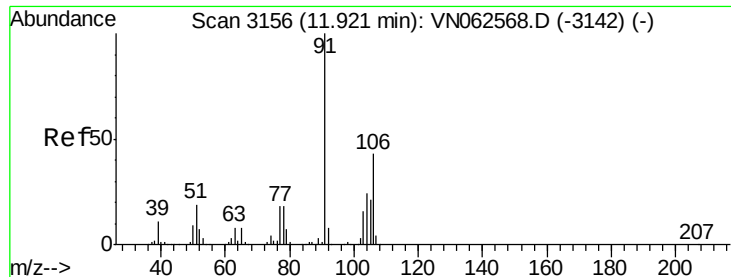
Tgt Ion: 106 Resp: 172538

Ion Ratio Lower Upper

106 100

91 211.5 171.4 257.2

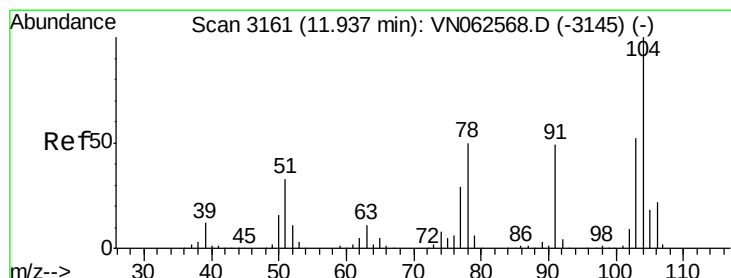
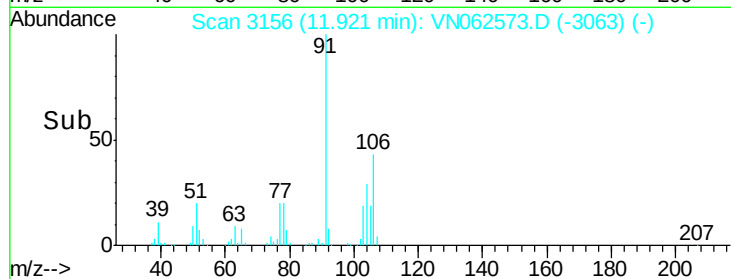
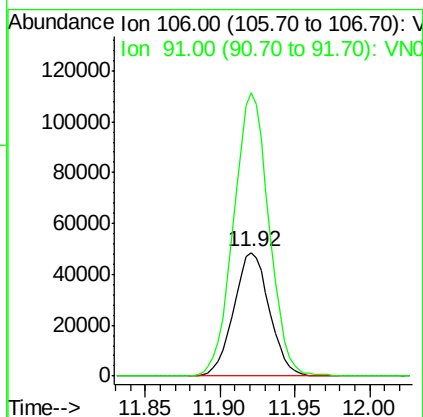
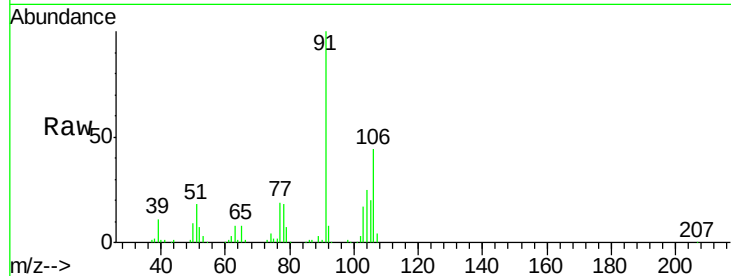




#69
o-Xylene
Concen: 17.566 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

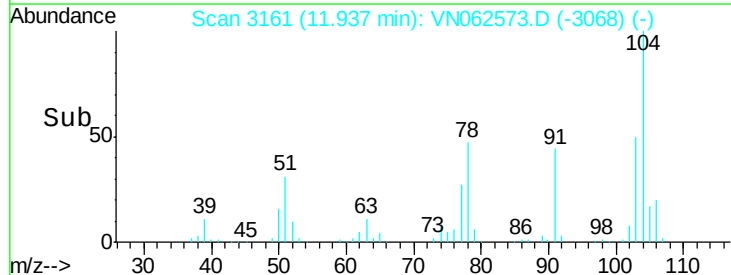
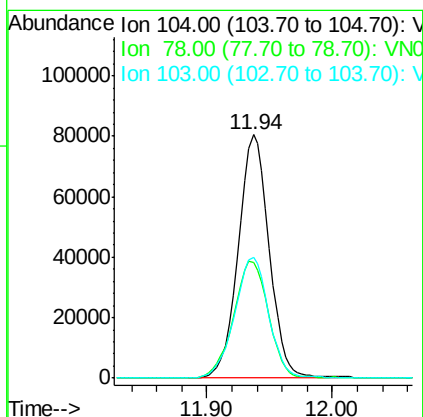
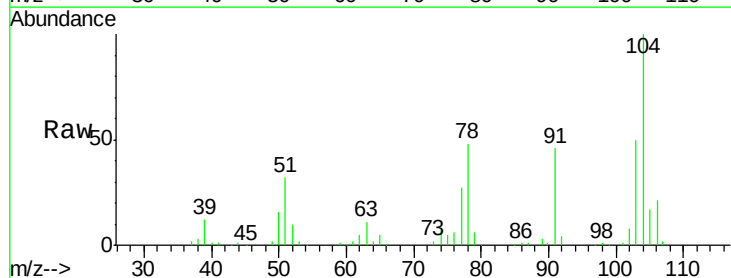
Instrument :
MSVOA_N
ClientSampled :
VN0721WBS01

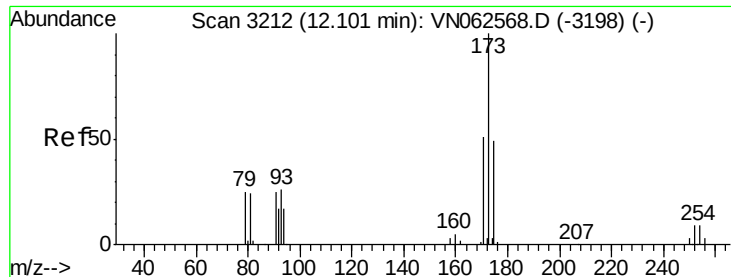
Tot Ion:106 Resp: 80879
Ion Ratio Lower Upper
106 100
91 226.6 113.8 341.2



#70
Styrene
Concen: 17.686 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062573.D
Acq: 21 Jul 2020 15:58

Tgt Ion:104 Resp: 137563
Ion Ratio Lower Upper
104 100
78 54.4 43.8 65.6
103 54.8 44.0 66.0





#71

Bromoform

Concen: 17.224 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

VN0721WBS01

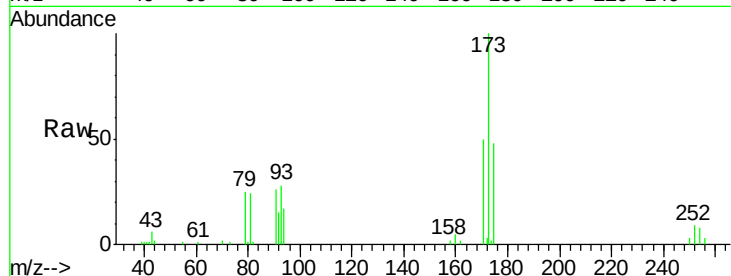
Tot Ion:173 Resp: 35795

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

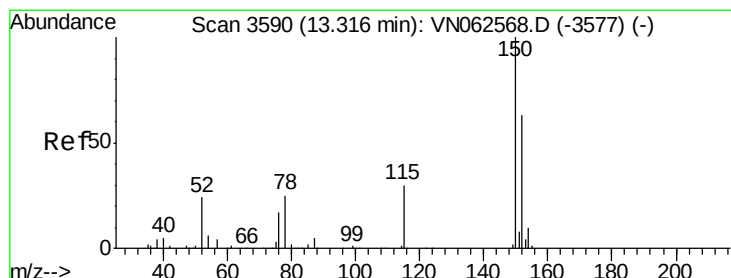
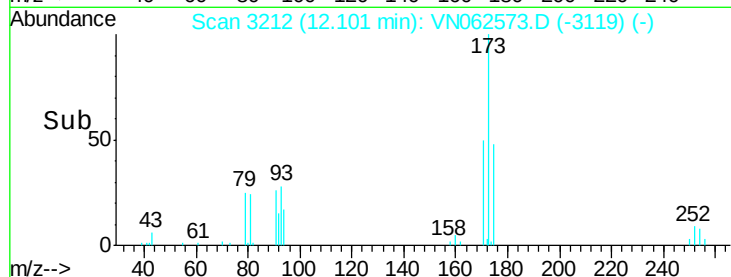
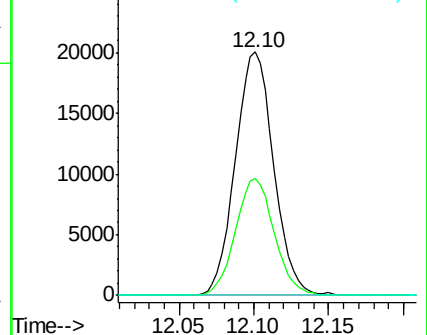
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

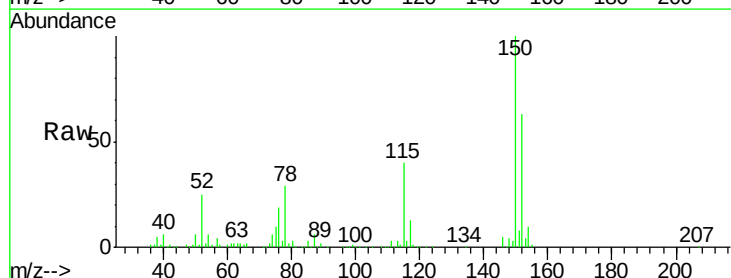
Tgt Ion:152 Resp: 158264

Ion Ratio Lower Upper

152 100

115 61.6 31.8 95.4

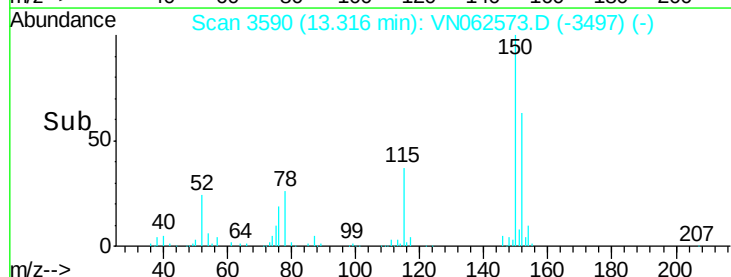
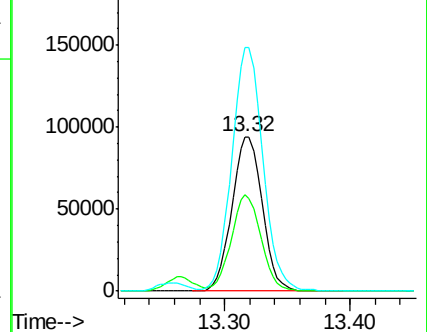
150 160.9 0.0 351.4

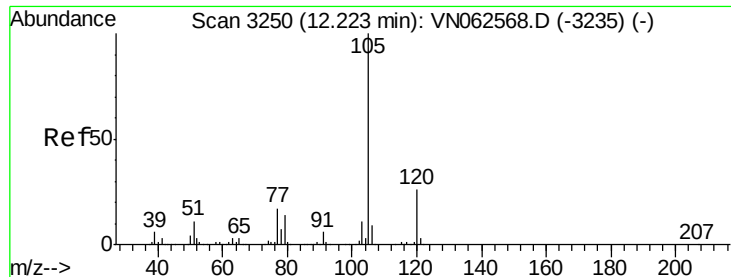


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.598 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

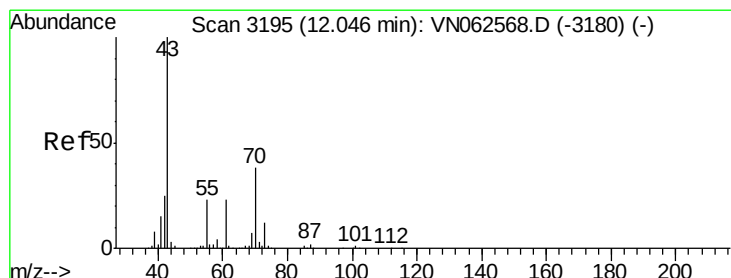
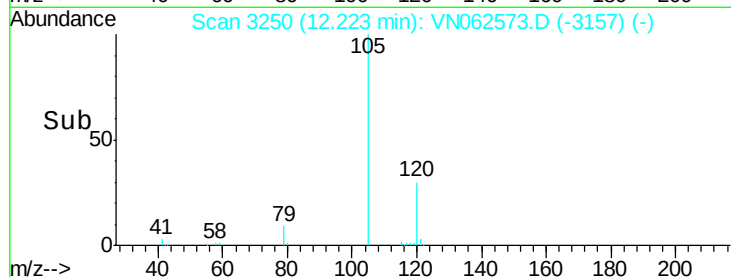
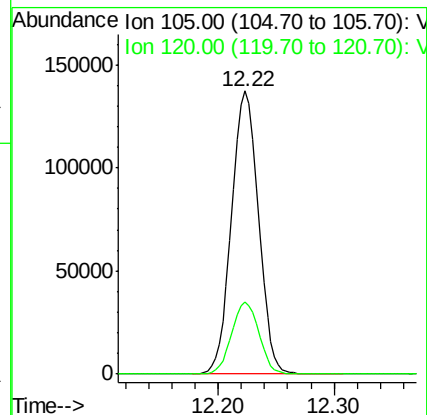
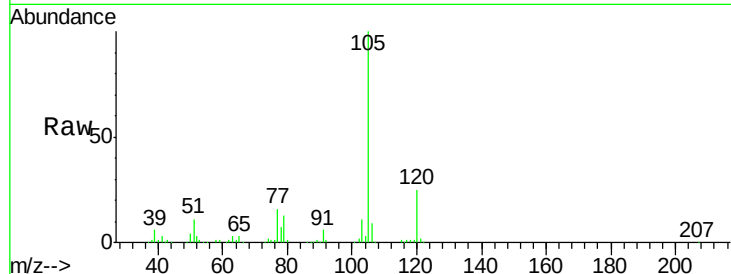
VN0721WBS01

Tot Ion:105 Resp: 220220

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 17.447 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Tgt Ion: 43 Resp: 97504

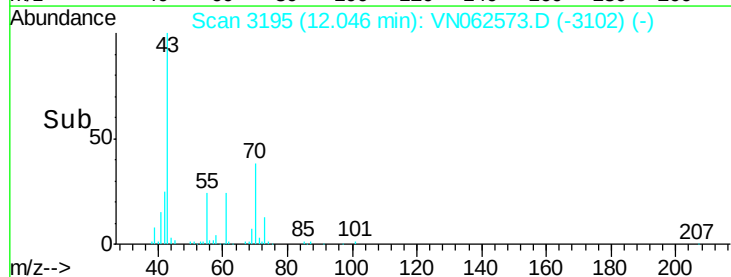
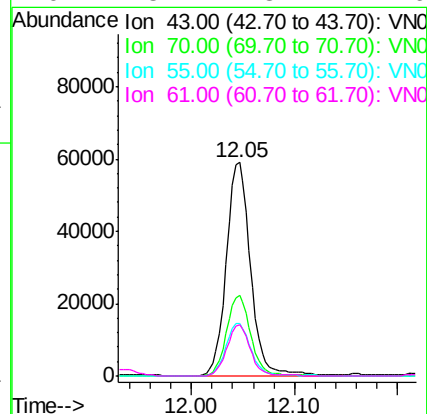
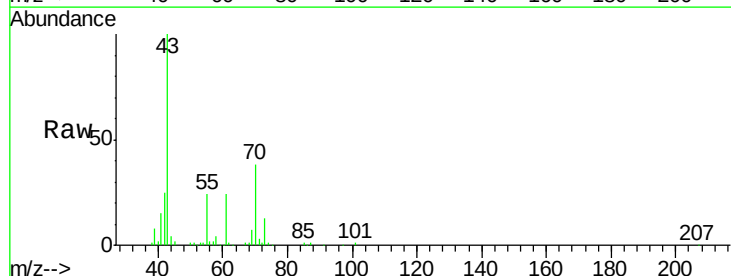
Ion Ratio Lower Upper

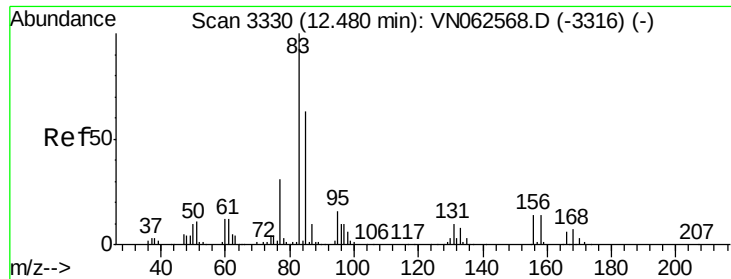
43 100

70 37.5 30.5 45.7

55 24.9 19.0 28.6

61 23.1 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.279 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

VN0721WBS01

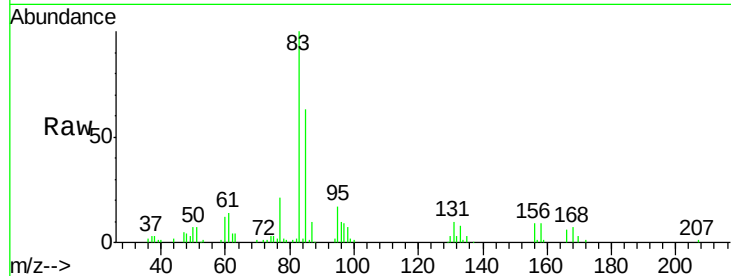
Tot Ion: 83 Resp: 70792

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

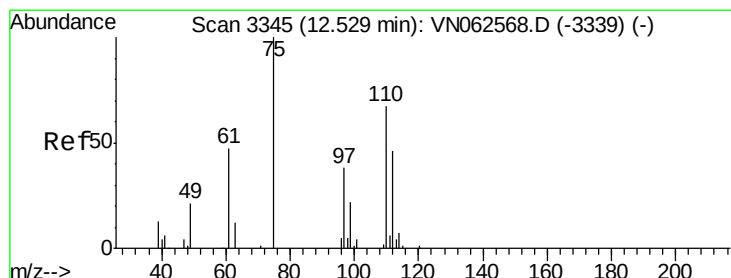
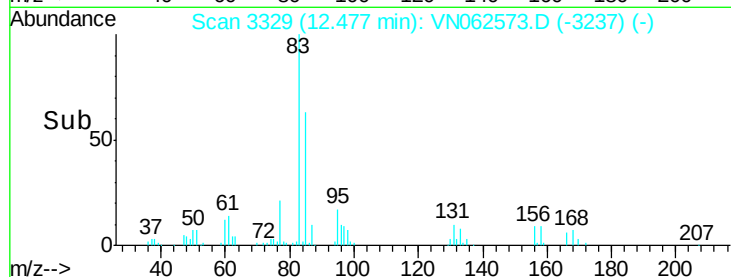
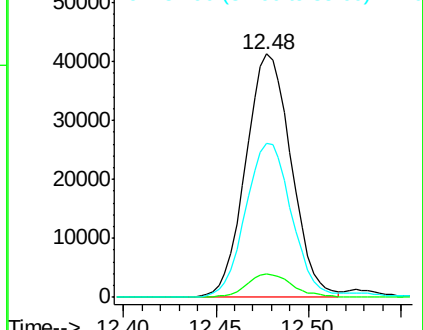
85 64.1 31.8 95.4



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: 23.168 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062573.D

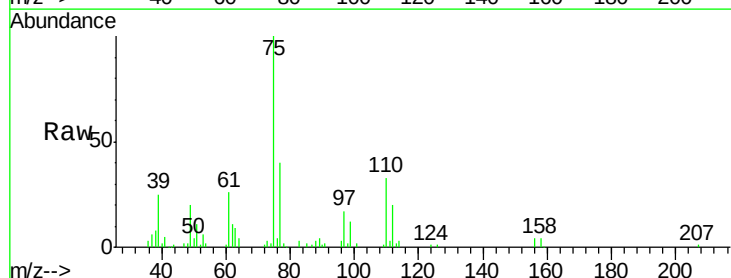
Acq: 21 Jul 2020 15:58

Tgt Ion: 75 Resp: 93328

Ion Ratio Lower Upper

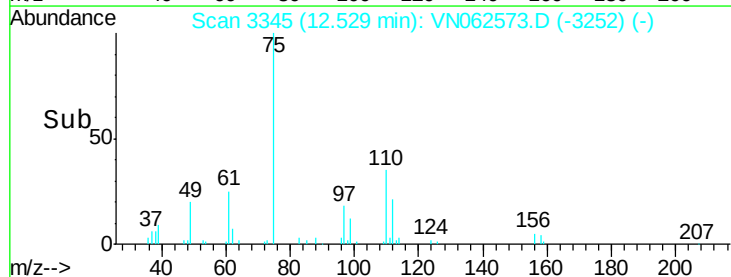
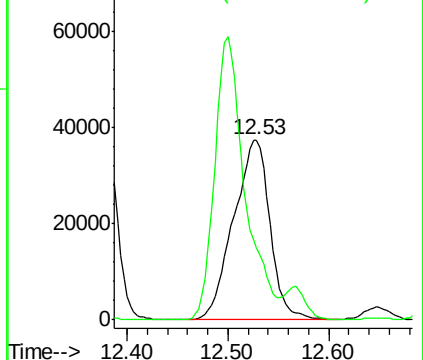
75 100

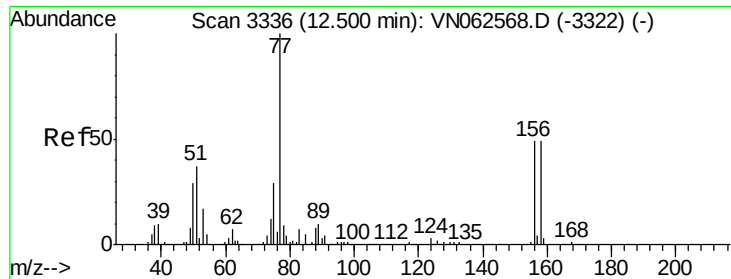
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 16.980 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

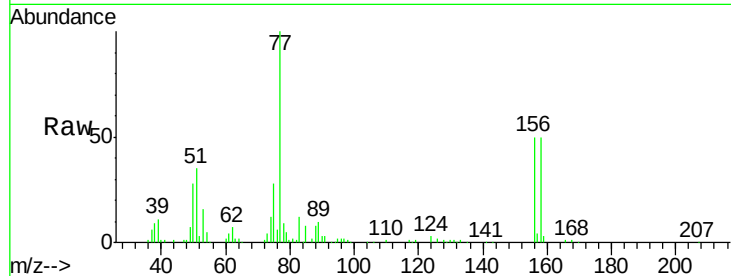
Tot Ion:156 Resp: 51064

Ion Ratio Lower Upper

156 100

77 239.3 122.8 368.3

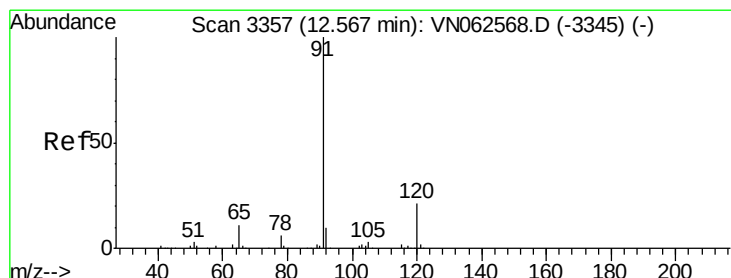
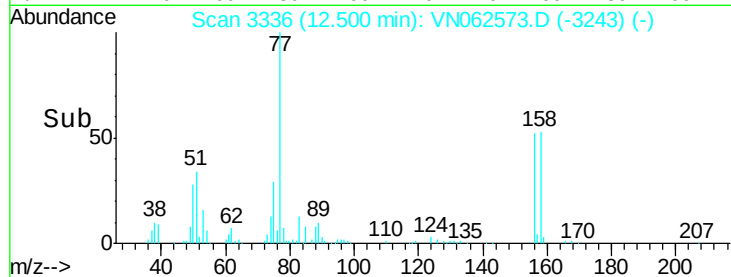
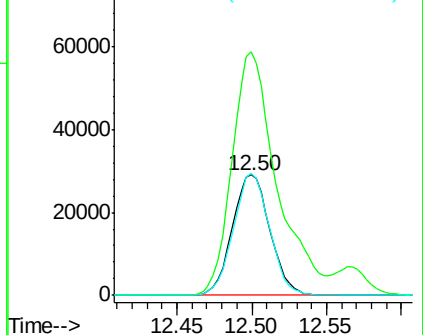
158 97.1 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.495 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062573.D

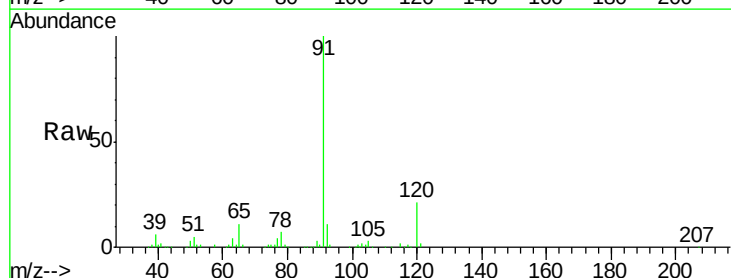
Acq: 21 Jul 2020 15:58

Tgt Ion: 91 Resp: 256453

Ion Ratio Lower Upper

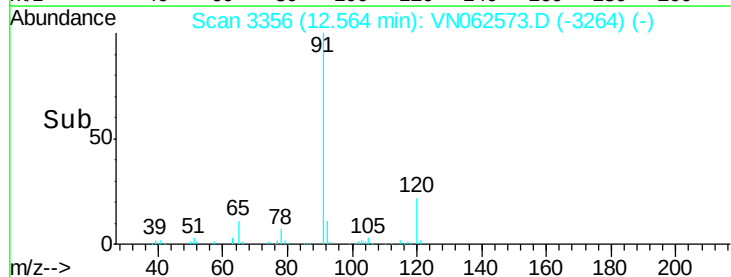
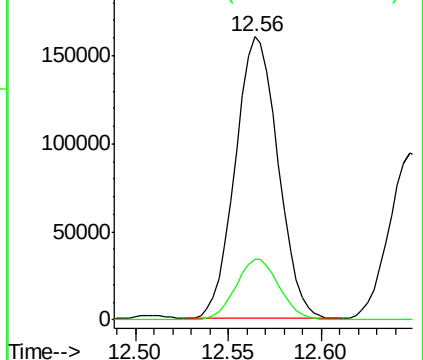
91 100

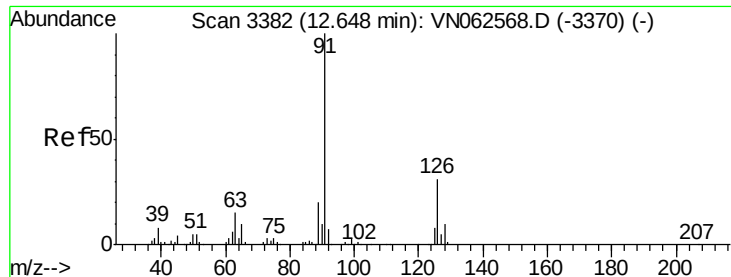
120 21.9 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.212 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

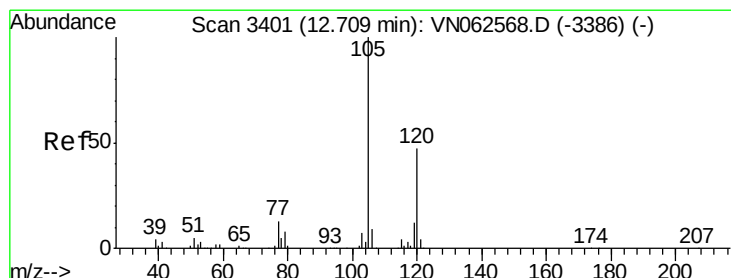
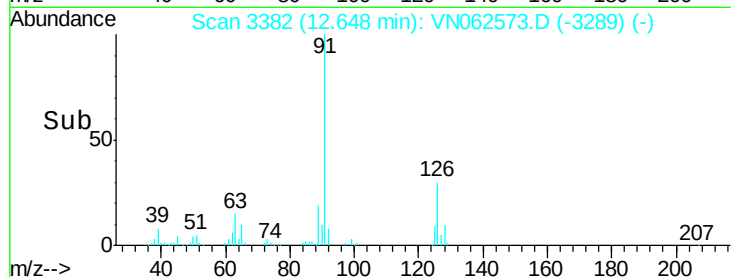
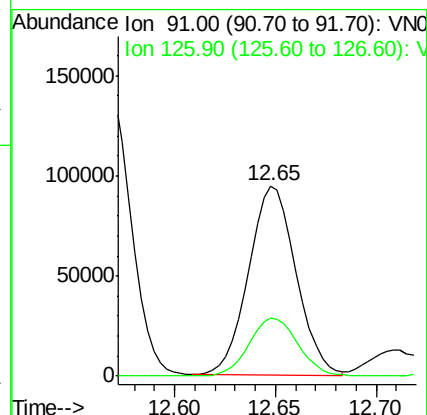
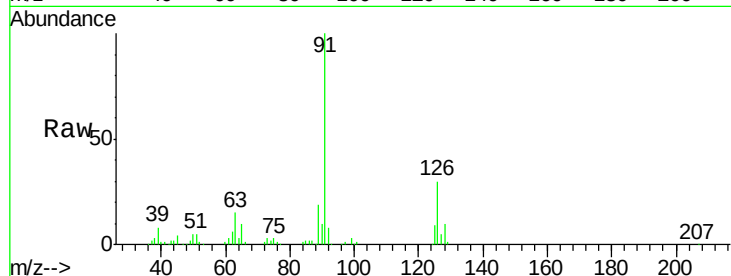
VN0721WBS01

Tot Ion: 91 Resp: 155492

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6



#80

1,3,5-Trimethylbenzene

Concen: 17.655 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062573.D

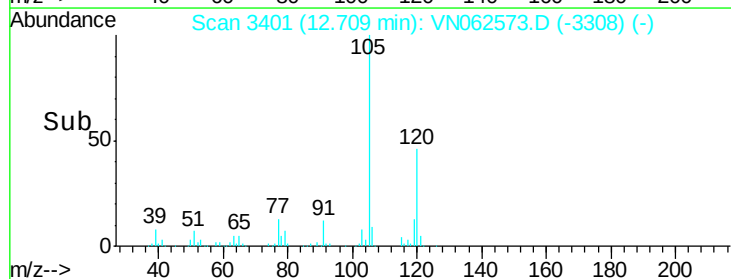
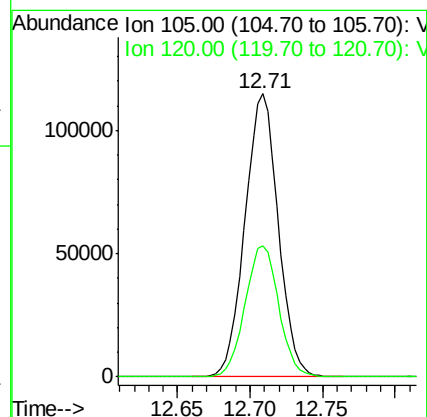
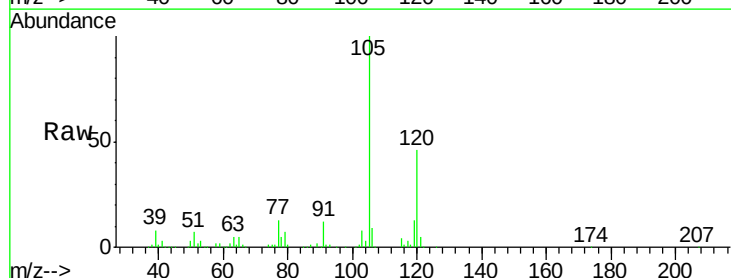
Acq: 21 Jul 2020 15:58

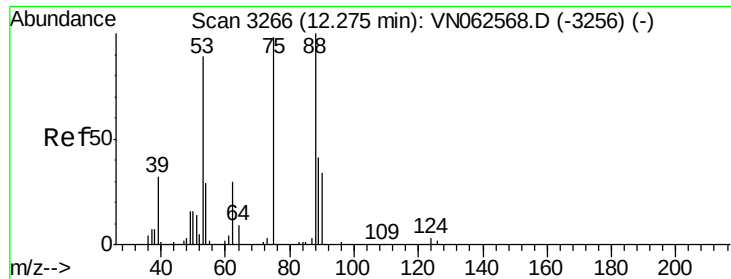
Tgt Ion: 105 Resp: 183270

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.731 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

VN0721WBS01

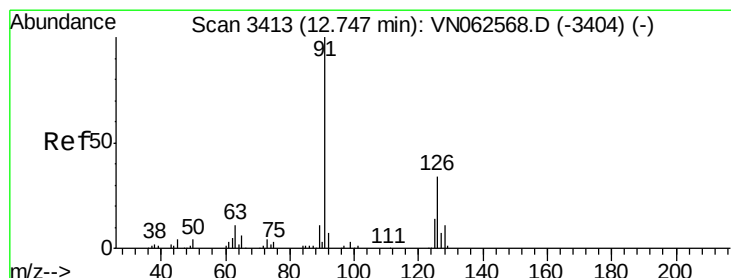
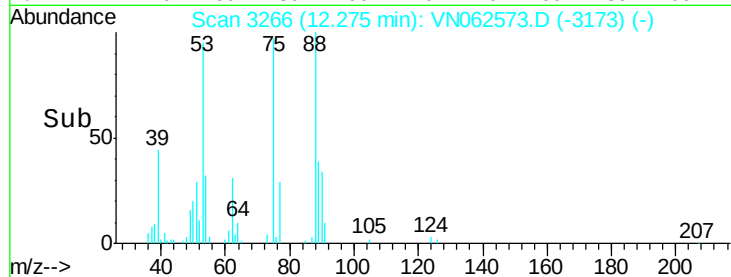
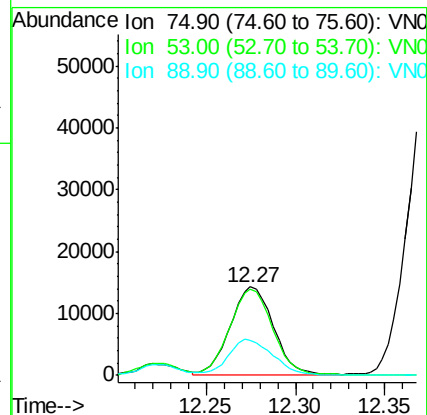
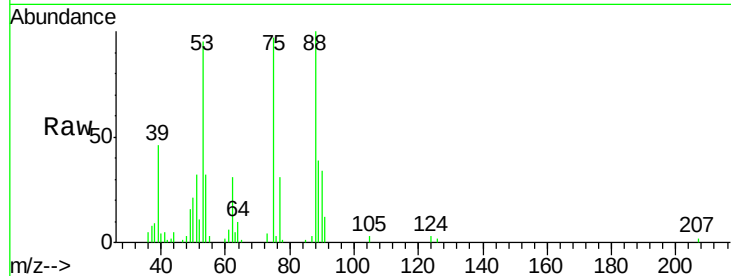
Tot Ion: 75 Resp: 24211

Ion Ratio Lower Upper

75 100

53 97.0 75.4 113.0

89 41.4 34.5 51.7



#82

4-Chlorotoluene

Concen: 16.956 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062573.D

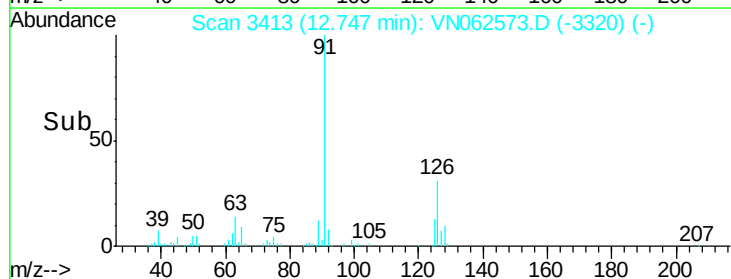
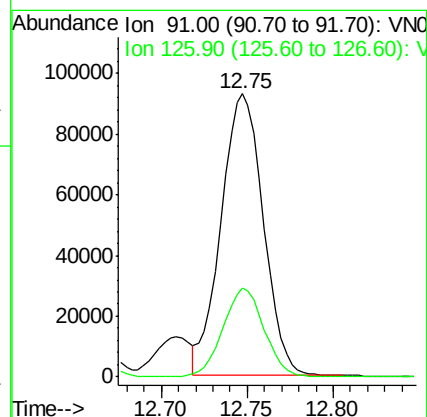
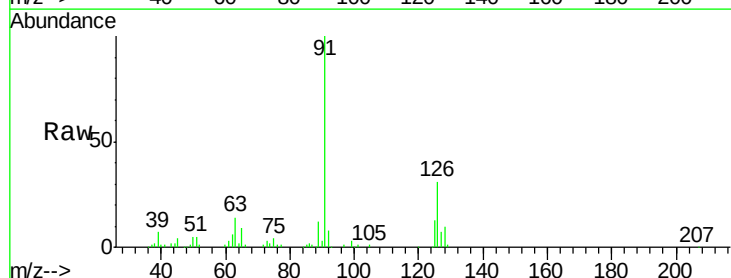
Acq: 21 Jul 2020 15:58

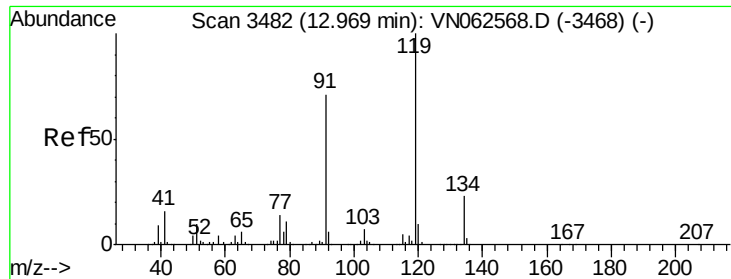
Tgt Ion: 91 Resp: 159442

Ion Ratio Lower Upper

91 100

126 30.5 15.4 46.4

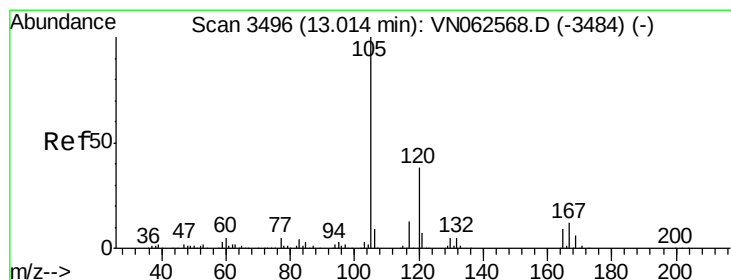
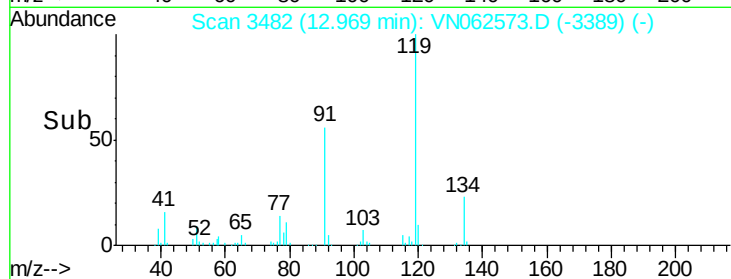
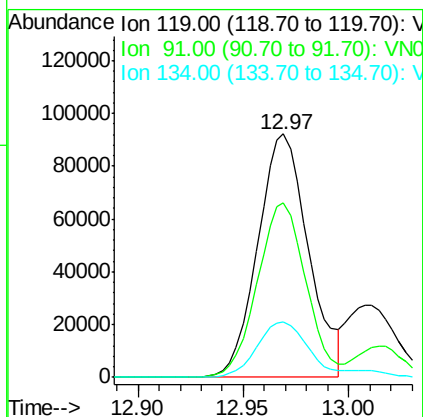
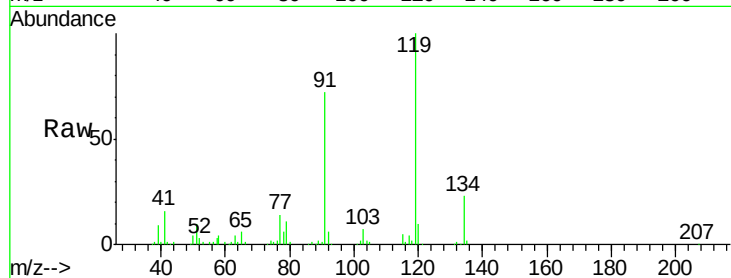




#83
 tert-Butylbenzene
 Concen: 17.912 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

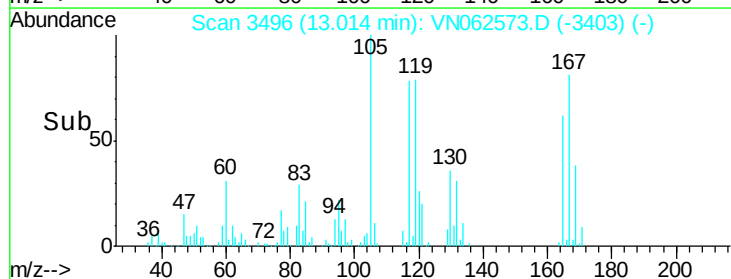
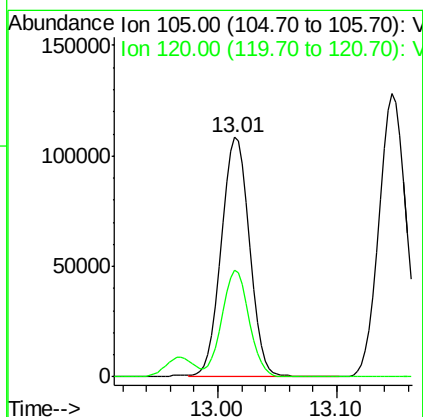
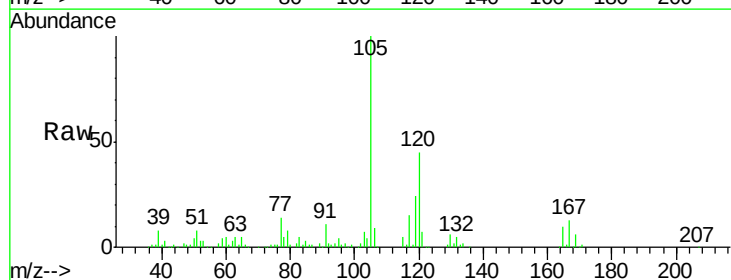
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS01

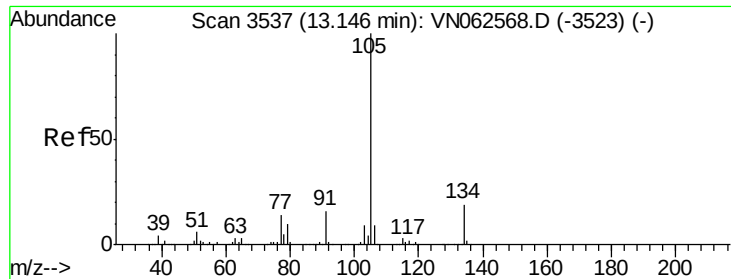
Tot Ion:119 Resp: 154397
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.6 103.8
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.582 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion:105 Resp: 179045
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 17.742 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

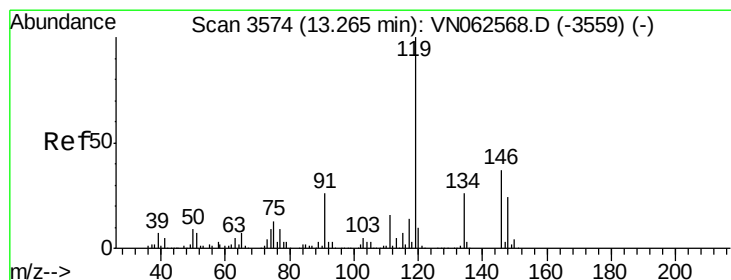
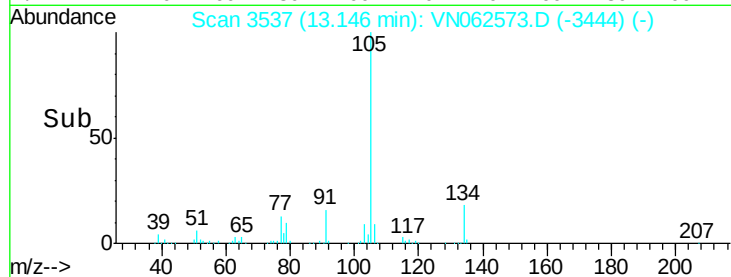
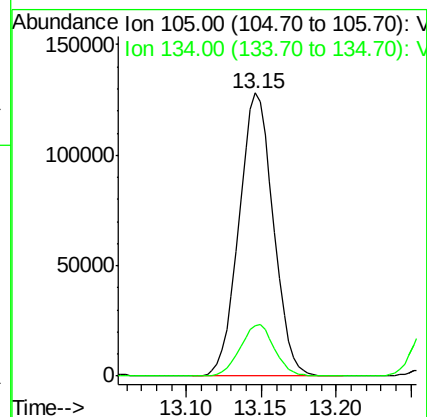
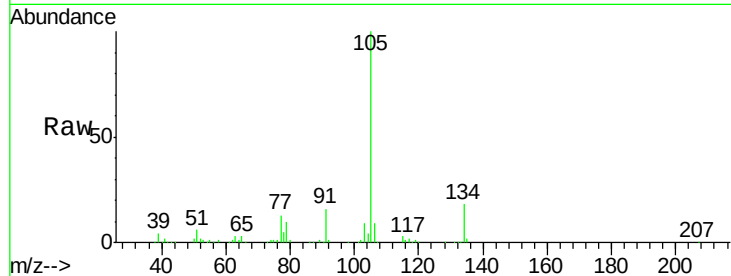
VN0721WBS01

Tot Ion:105 Resp: 204732

Ion Ratio Lower Upper

105 100

134 18.2 9.5 28.5



#86

p-Isopropyltoluene

Concen: 17.691 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

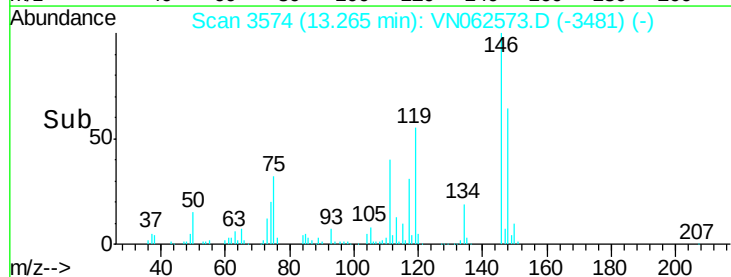
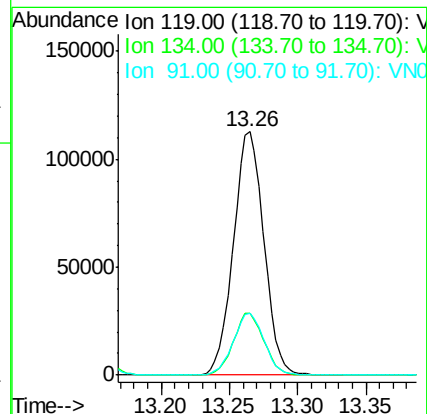
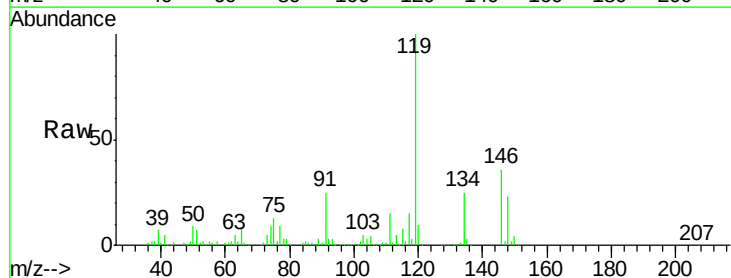
Tgt Ion:119 Resp: 175581

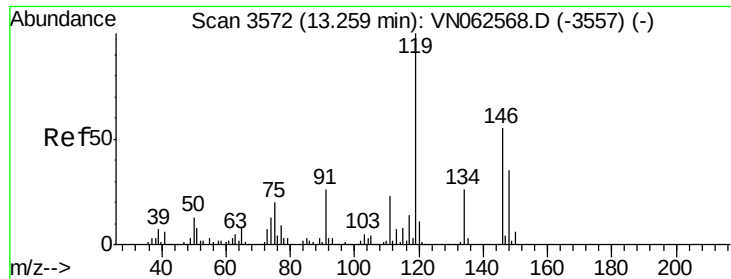
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 25.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 16.797 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

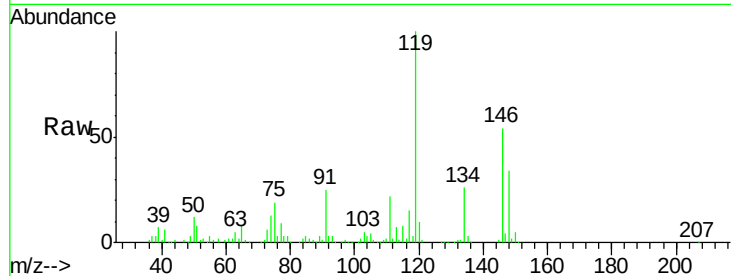
Tot Ion:146 Resp: 88645

Ion Ratio Lower Upper

146 100

111 41.3 21.6 64.6

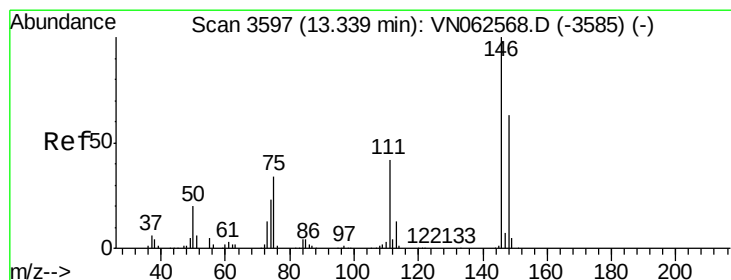
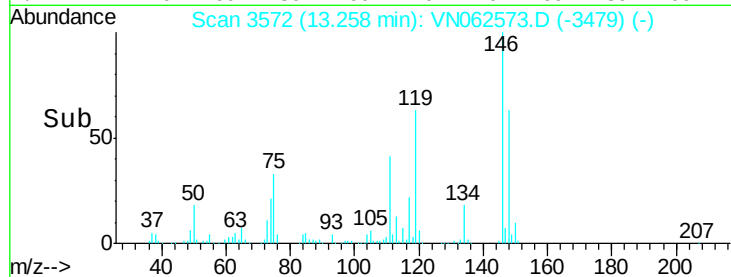
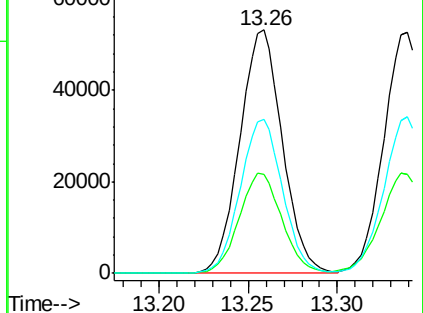
148 63.1 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 17.068 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

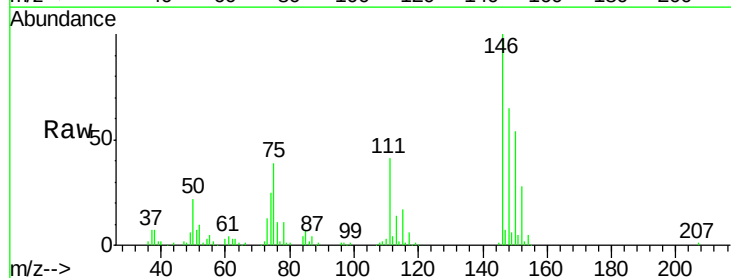
Tgt Ion:146 Resp: 88670

Ion Ratio Lower Upper

146 100

111 44.2 21.1 63.1

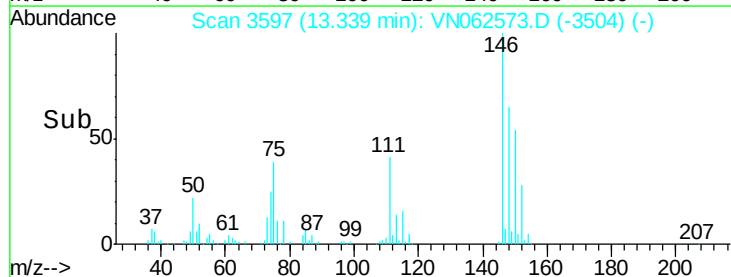
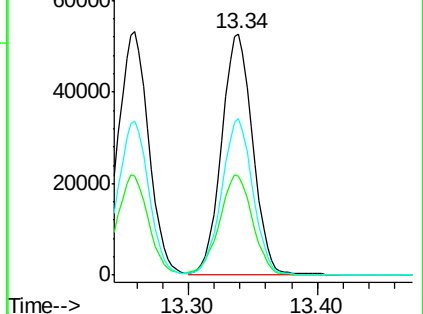
148 64.6 31.6 94.8

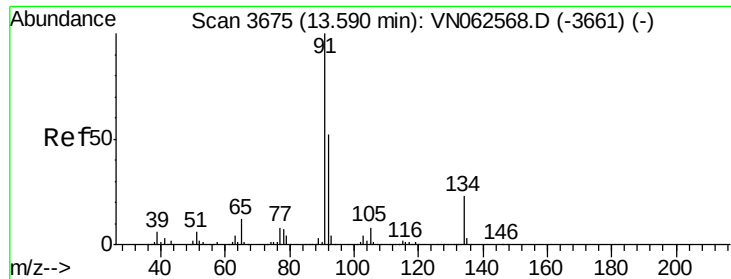


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.635 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

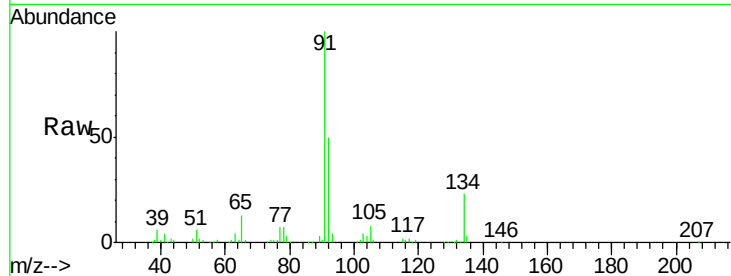
Tot Ion: 91 Resp: 141866

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.3

134 23.0 11.8 35.3

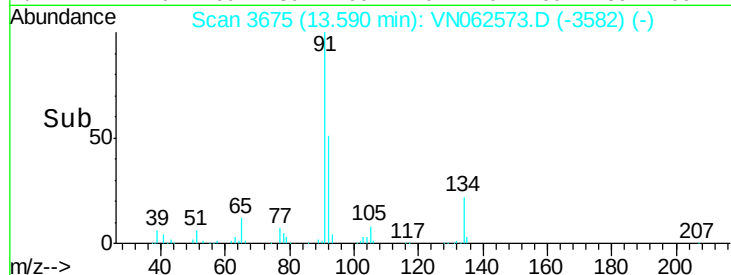


Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062568.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062568.D (-3661) (-)

Time-->

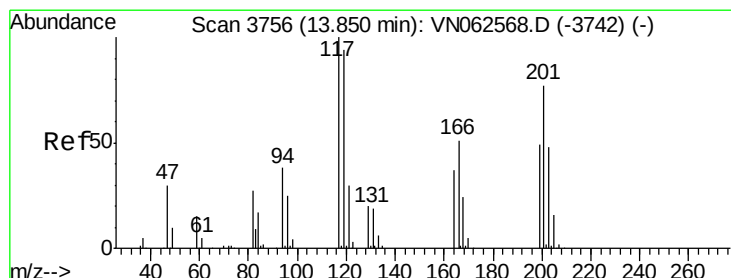


Abundance Ion 91.00 (90.70 to 91.70): VN062573.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062573.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062573.D (-3582) (-)

Time-->



#90

Hexachloroethane

Concen: 16.199 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062573.D

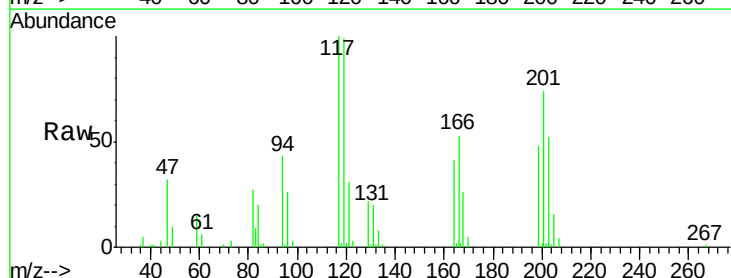
Acq: 21 Jul 2020 15:58

Tgt Ion: 117 Resp: 34226

Ion Ratio Lower Upper

117 100

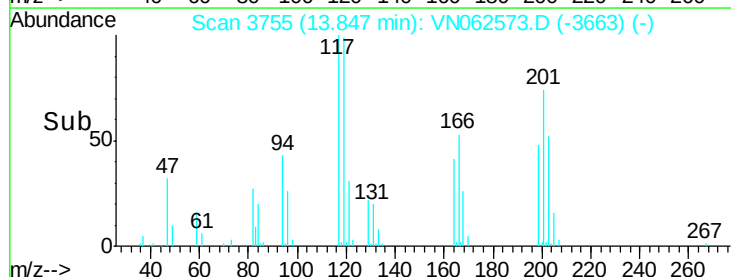
201 76.8 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062568.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062568.D (-3742) (-)

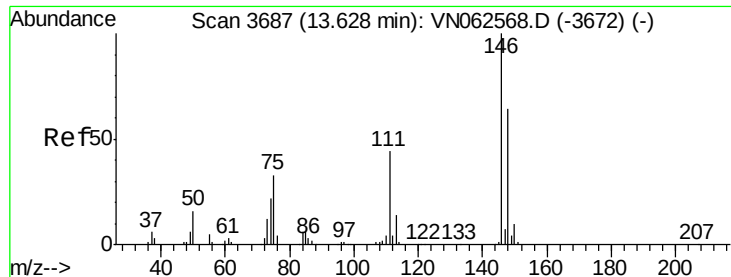
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN062573.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062573.D (-3663) (-)

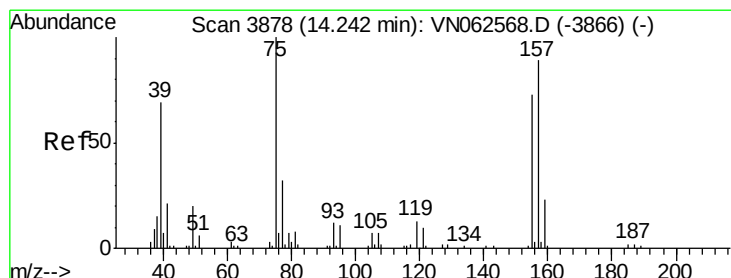
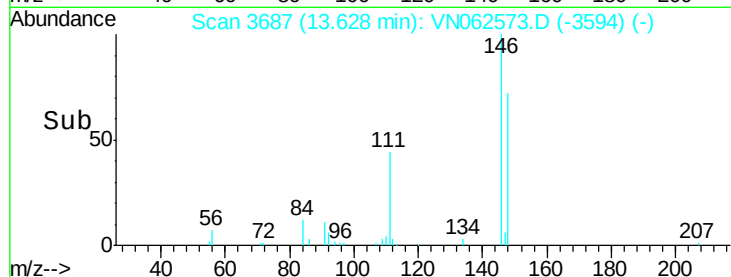
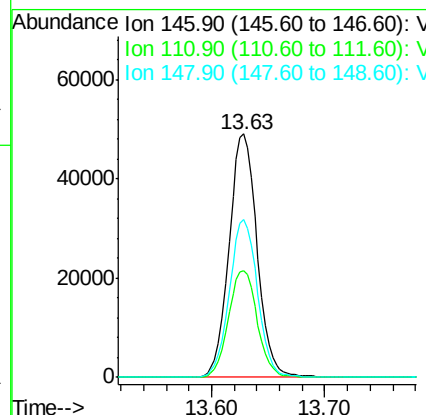
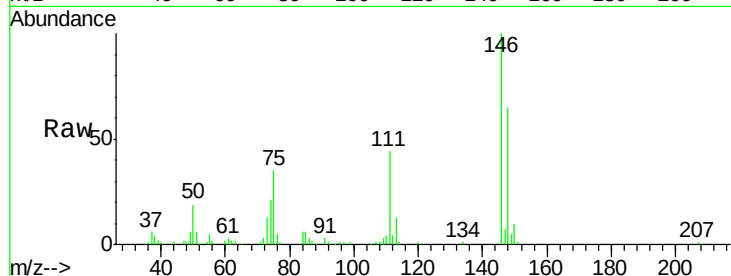
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 16.784 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

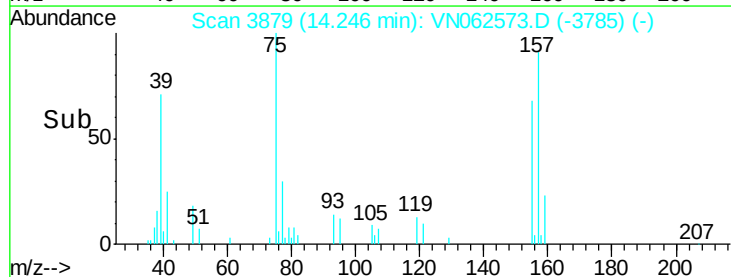
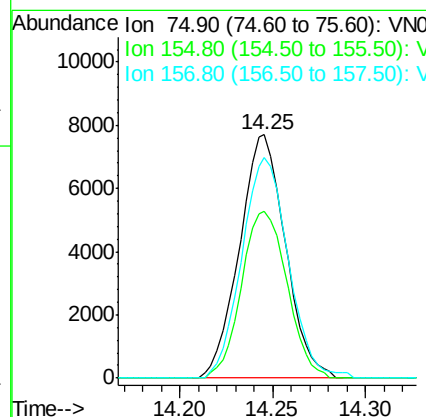
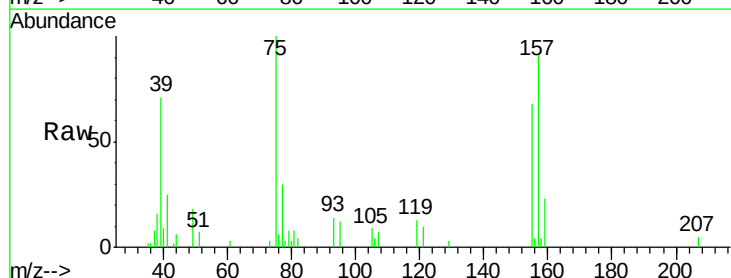
Instrument :
 MSVOA_N
 ClientSampled :
 VN0721WBS01

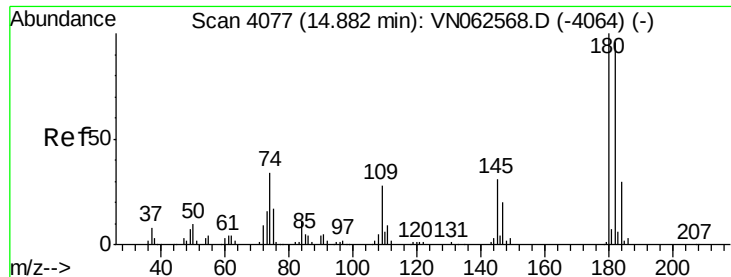
Tot Ion:146 Resp: 84695
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.9 65.8
 148 65.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.865 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062573.D
 Acq: 21 Jul 2020 15:58

Tgt Ion: 75 Resp: 13316
 Ion Ratio Lower Upper
 75 100
 155 67.9 35.9 107.5
 157 91.5 45.0 135.0





#93

1,2,4-Trichlorobenzene

Concen: 16.051 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

VN0721WBS01

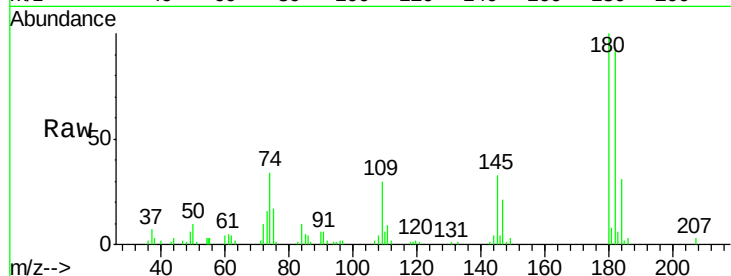
Tot Ion:180 Resp: 36625

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.3

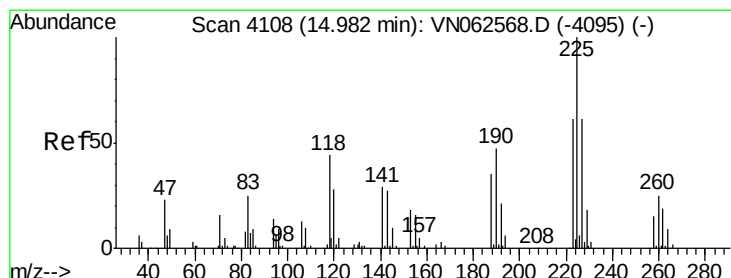
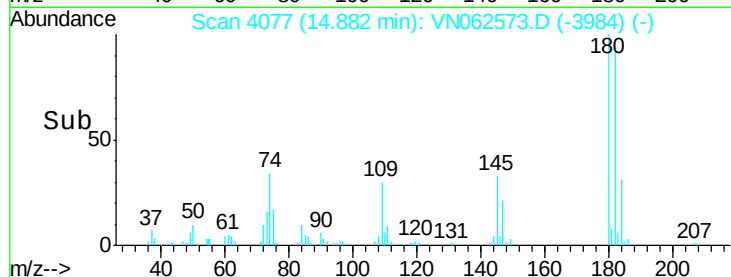
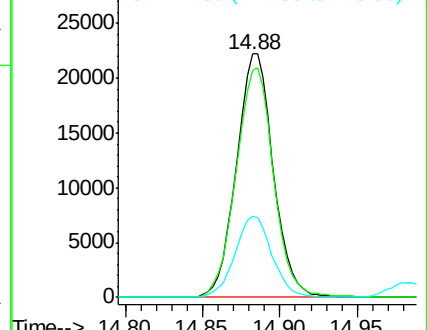
145 33.3 15.3 45.9



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: 18.092 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. 0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

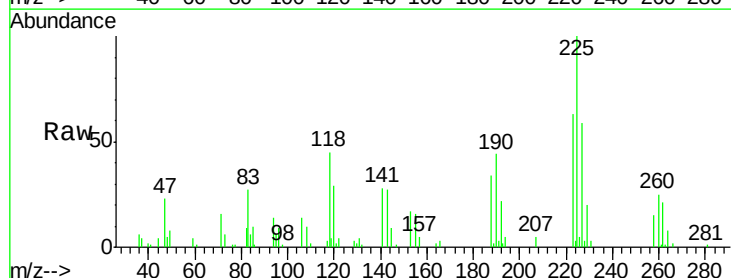
Tgt Ion:225 Resp: 25077

Ion Ratio Lower Upper

225 100

223 63.0 32.0 96.0

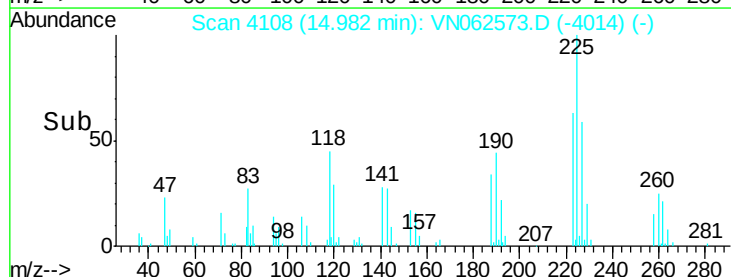
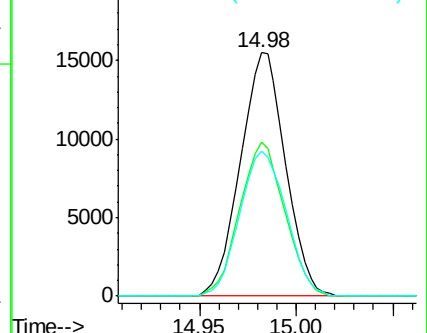
227 61.5 31.1 93.2

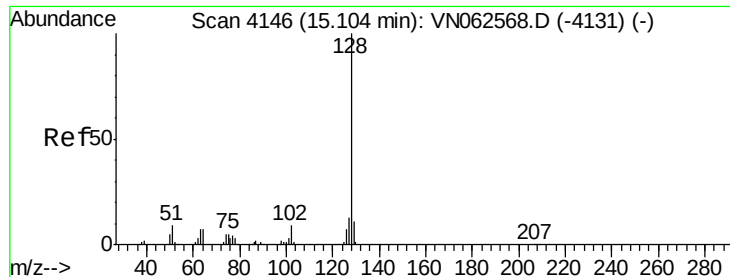


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.255 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBS01

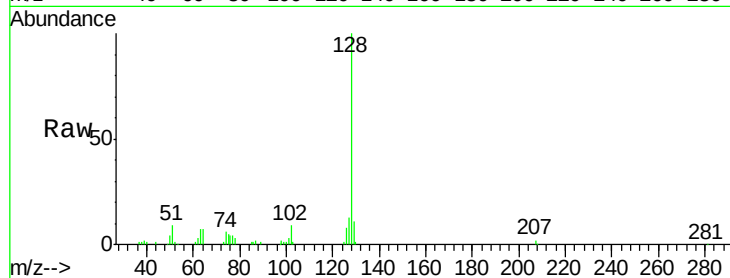
Tot Ion:128 Resp: 95088

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

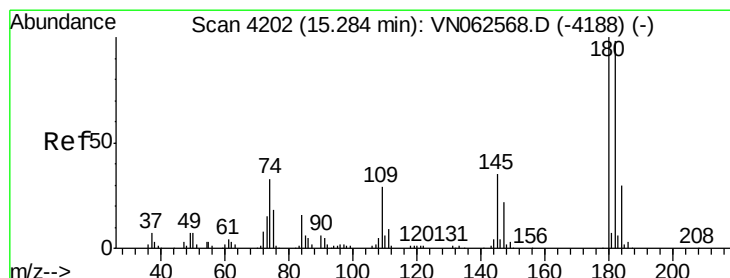
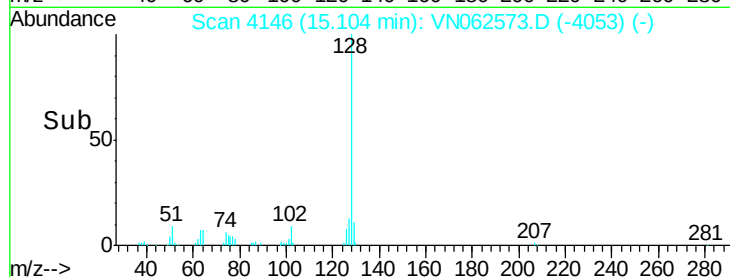
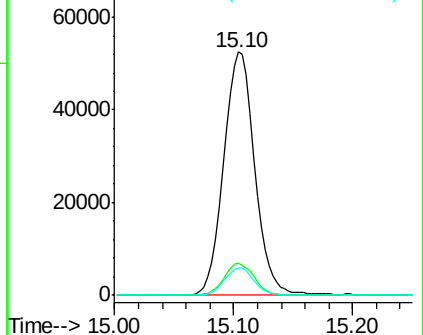
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.043 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062573.D

Acq: 21 Jul 2020 15:58

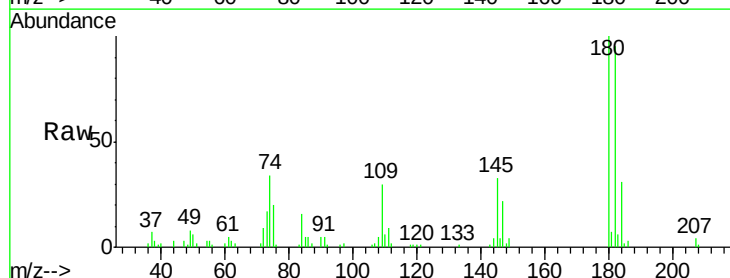
Tgt Ion:180 Resp: 38153

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

145 34.1 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

