

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062574.D
 Acq On : 21 Jul 2020 16:27
 Operator : JC/MD
 Sample : VN0721WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Quant Time: Jul 22 05:02:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	220848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	151677	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
35) Dibromofluoromethane	7.55	113	107533	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	10.06	98	427077	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
62) 4-Bromofluorobenzene	12.37	95	153149	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43354	16.457	ug/l	99
3) Chloromethane	2.03	50	57515	16.097	ug/l	98
4) Vinyl Chloride	2.16	62	51177	16.523	ug/l	98
5) Bromomethane	2.53	94	24122	17.583	ug/l	98
6) Chloroethane	2.67	64	23734	16.940	ug/l	98
7) Trichlorofluoromethane	2.98	101	64465	17.726	ug/l	100
8) Diethyl Ether	3.37	74	30290	17.811	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39386	16.892	ug/l	98
10) Methyl Iodide	3.91	142	47212	15.838	ug/l	97
11) Tert butyl alcohol	4.73	59	47821	87.622	ug/l	99
12) 1,1-Dichloroethene	3.70	96	40473	17.115	ug/l	97
13) Acrolein	3.57	56	41753	79.319	ug/l	96
14) Allyl chloride	4.27	41	86273	16.866	ug/l	98
15) Acrylonitrile	4.93	53	128699	88.040	ug/l	99
16) Acetone	3.78	43	112518	87.154	ug/l	96
17) Carbon Disulfide	4.01	76	124543	16.029	ug/l	99
18) Methyl Acetate	4.28	43	57907	17.718	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	150763	17.322	ug/l	97
20) Methylene Chloride	4.50	84	49958	16.134	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	43501	16.575	ug/l	98
22) Diisopropyl ether	5.90	45	178846	17.590	ug/l	98
23) Vinyl Acetate	5.84	43	743625	89.259	ug/l	100
24) 1,1-Dichloroethane	5.80	63	93733	17.120	ug/l	99
25) 2-Butanone	6.78	43	174558	88.780	ug/l	100
26) 2,2-Dichloropropane	6.77	77	74370	16.546	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	50912	17.000	ug/l	99
28) Bromochloromethane	7.15	49	50789	18.849	ug/l	98
29) Tetrahydrofuran	7.17	42	119382	89.731	ug/l	99
30) Chloroform	7.33	83	88143	16.932	ug/l	99
31) Cyclohexane	7.61	56	85446	16.903	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	73158	16.832	ug/l	99
36) 1,1-Dichloropropene	7.75	75	67342	17.300	ug/l	98
37) Ethyl Acetate	6.88	43	74442	17.741	ug/l	98
38) Carbon Tetrachloride	7.73	117	63337	16.928	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72357	17.268	ug/l	97
40) Benzene	8.00	78	202979	17.224	ug/l	100
41) Methacrylonitrile	7.13	41	35661	19.830	ug/l	88
42) 1,2-Dichloroethane	8.09	62	75879	17.612	ug/l	99
43) Isopropyl Acetate	8.13	43	122473	18.106	ug/l #	91
44) Trichloroethene	8.80	130	45320	17.053	ug/l	100
45) 1,2-Dichloropropane	9.09	63	58477	17.673	ug/l	99
46) Dibromomethane	9.18	93	33942	17.749	ug/l	99
47) Bromodichloromethane	9.37	83	71828	17.337	ug/l	100
48) Methyl methacrylate	9.17	41	57750	17.960	ug/l	97
49) 1,4-Dioxane	9.17	88	18275	370.041	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	368938	91.156	ug/l	99
52) Toluene	10.12	92	120662	17.633	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	81004	17.563	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	87070	17.593	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	48899	18.422	ug/l	99
56) Ethyl methacrylate	10.40	69	75266	17.002	ug/l	99
57) 1,3-Dichloropropane	10.68	76	86839	17.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	114160	90.860	ug/l	99
59) 2-Hexanone	10.72	43	259322	84.827	ug/l	99
60) Dibromochloromethane	10.87	129	51163	17.278	ug/l	97
61) 1,2-Dibromoethane	10.98	107	47411	17.153	ug/l	99
64) Tetrachloroethene	10.60	164	37478	16.963	ug/l	99
65) Chlorobenzene	11.41	112	123308	17.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	45968	17.140	ug/l	99
67) Ethyl Benzene	11.48	91	226216	17.306	ug/l	100
68) m/p-Xylenes	11.60	106	163945	34.895	ug/l	100
69) o-Xylene	11.92	106	77589	17.391	ug/l	100
70) Styrene	11.94	104	132298	17.554	ug/l	99
71) Bromoform	12.10	173	34242	17.005	ug/l #	98
73) Isopropylbenzene	12.22	105	213390	17.841	ug/l	99
74) N-amyl acetate	12.05	43	97018	18.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70520	16.967	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	91890	23.867	ug/l #	100
77) Bromobenzene	12.50	156	49954	17.380	ug/l	97
78) n-propylbenzene	12.57	91	246534	17.597	ug/l	100
79) 2-Chlorotoluene	12.65	91	151016	17.491	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	178275	17.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23725	17.154	ug/l	95
82) 4-Chlorotoluene	12.75	91	157143	17.486	ug/l	98
83) tert-Butylbenzene	12.97	119	147864	17.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	171625	17.634	ug/l	100
85) sec-Butylbenzene	13.15	105	194424	17.628	ug/l	99
86) p-Isopropyltoluene	13.26	119	170361	17.959	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	85354	16.922	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	86159	17.352	ug/l	99
89) n-Butylbenzene	13.59	91	136500	16.747	ug/l	99
90) Hexachloroethane	13.85	117	33153	16.418	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	84268	17.472	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13333	17.669	ug/l	98

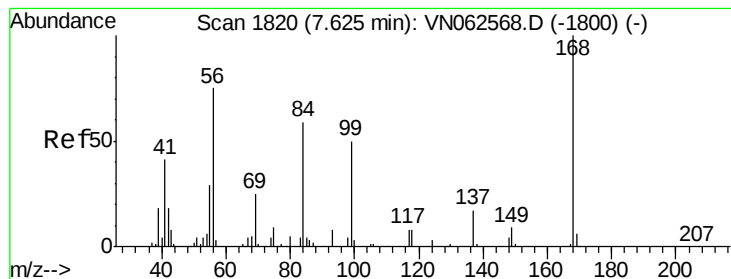
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36419	16.574	ug/l	96
94) Hexachlorobutadiene	14.98	225	23236	17.526	ug/l	97
95) Naphthalene	15.10	128	97264	17.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37765	16.615	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

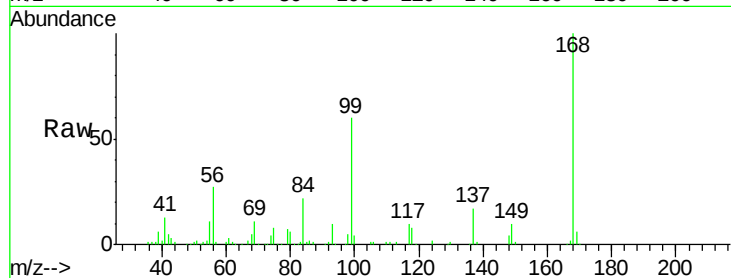
VN0721WBSD01

Tot Ion:168 Resp: 220848

Ion Ratio Lower Upper

168 100

99 60.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

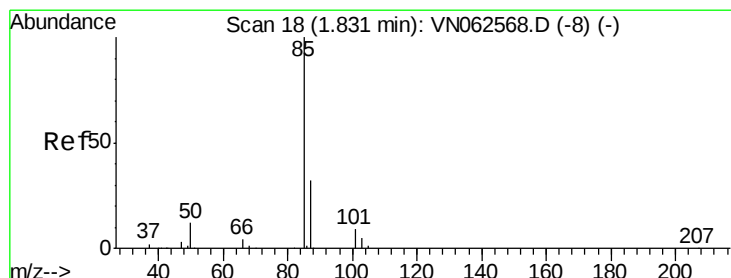
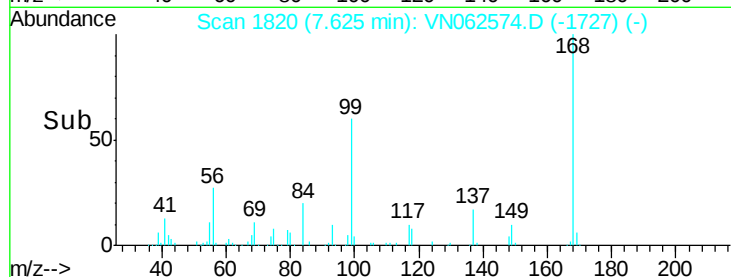
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.457 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062574.D

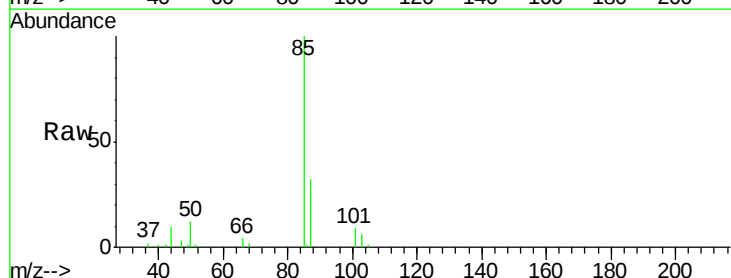
Acq: 21 Jul 2020 16:27

Tgt Ion: 85 Resp: 43354

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

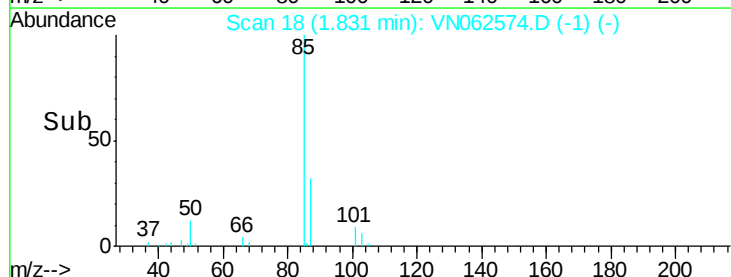
30000

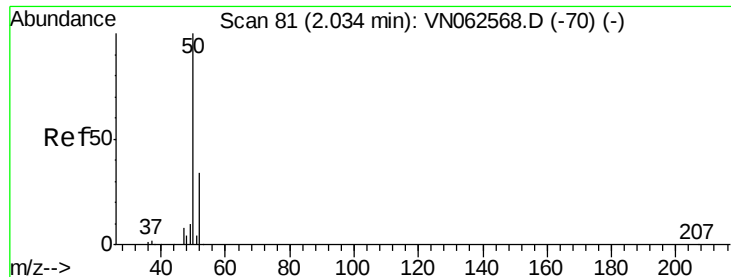
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.097 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

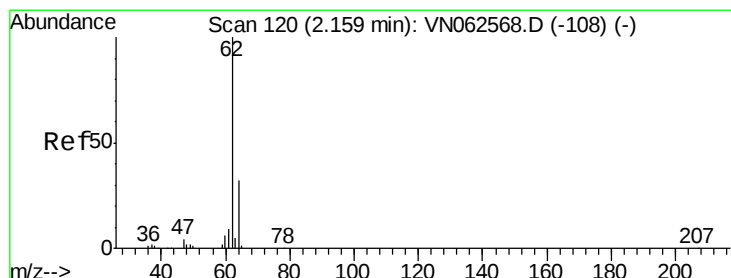
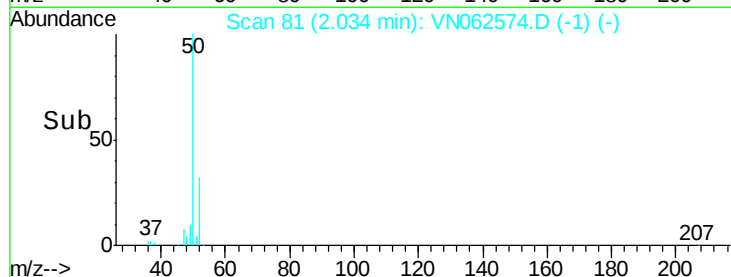
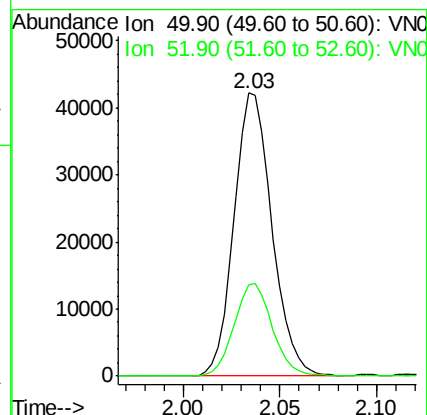
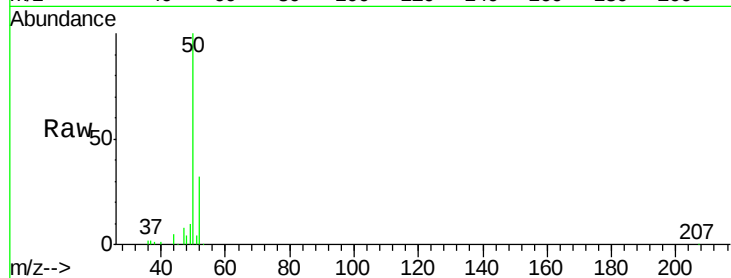
VN0721WBSD01

Tot Ion: 50 Resp: 57515

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.4



#4

Vinyl Chloride

Concen: 16.523 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062574.D

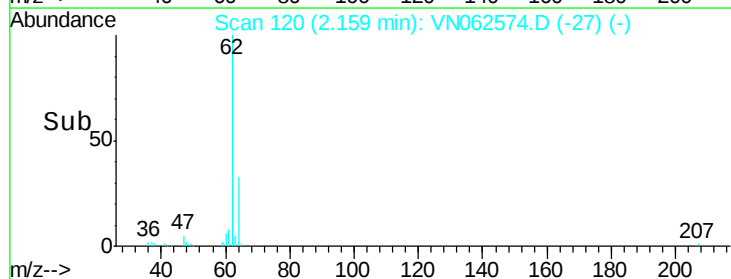
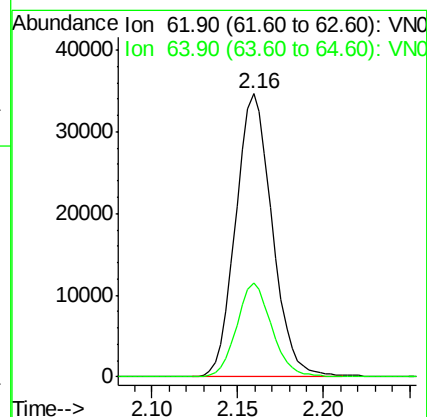
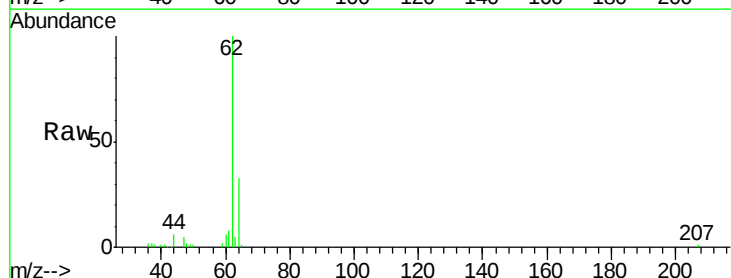
Acq: 21 Jul 2020 16:27

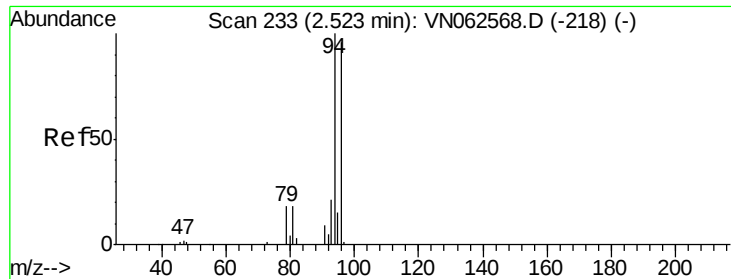
Tgt Ion: 62 Resp: 51177

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 17.583 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

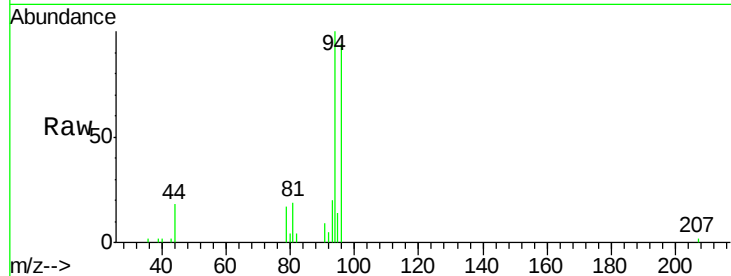
VN0721WBSD01

Tot Ion: 94 Resp: 24122

Ion Ratio Lower Upper

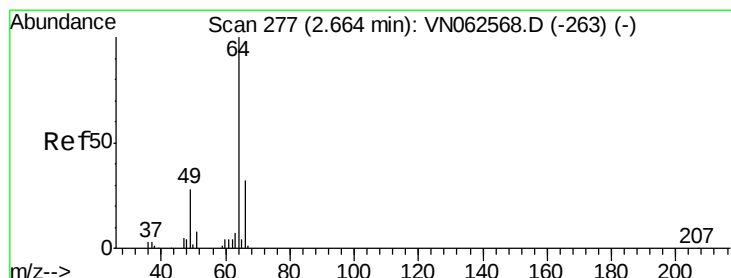
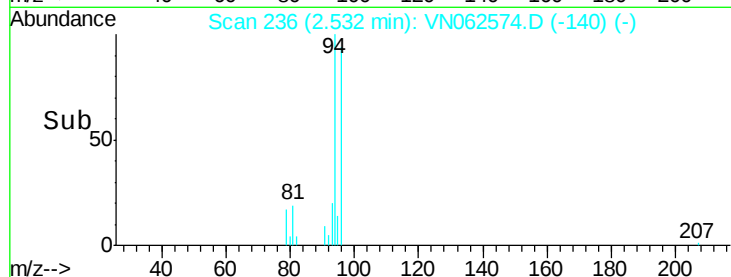
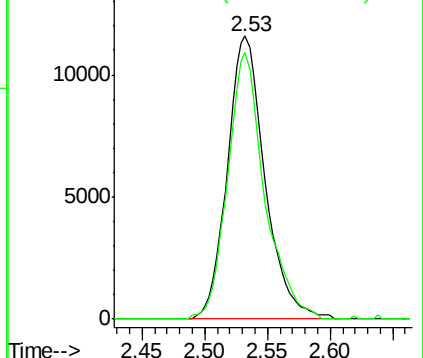
94 100

96 94.1 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: 16.940 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062574.D

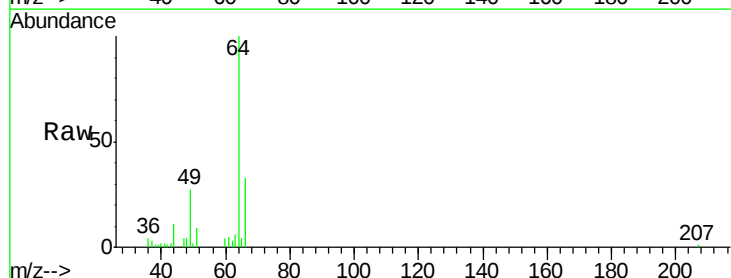
Acq: 21 Jul 2020 16:27

Tgt Ion: 64 Resp: 23734

Ion Ratio Lower Upper

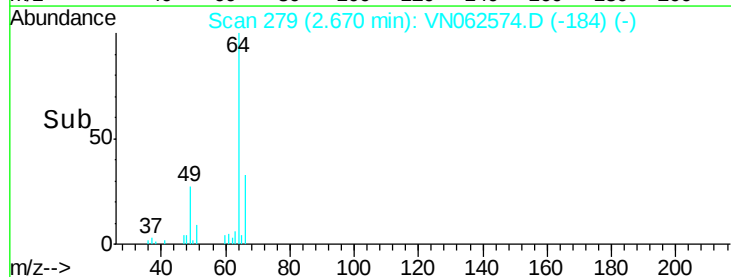
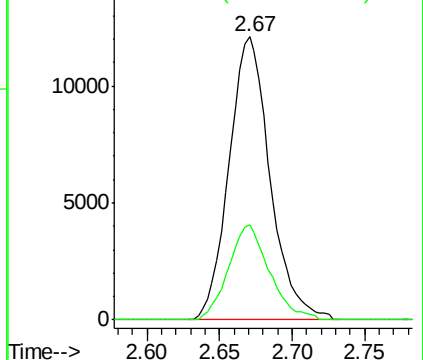
64 100

66 33.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



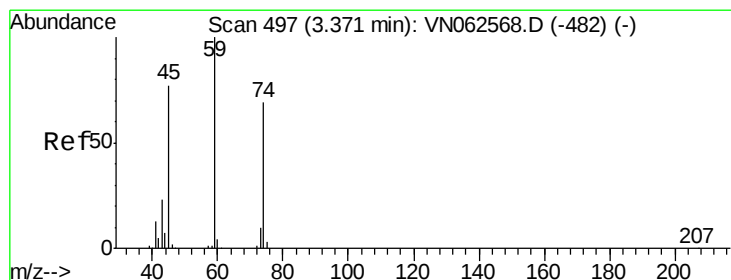
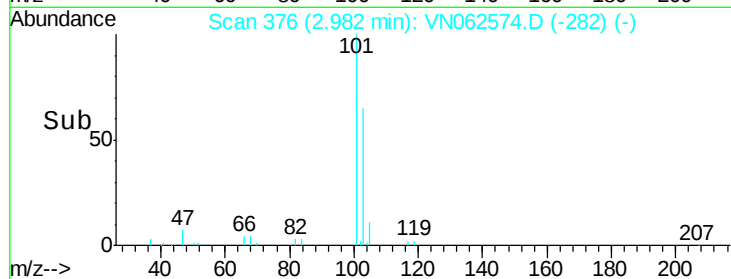
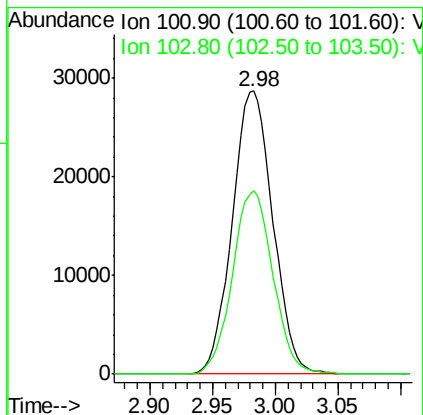
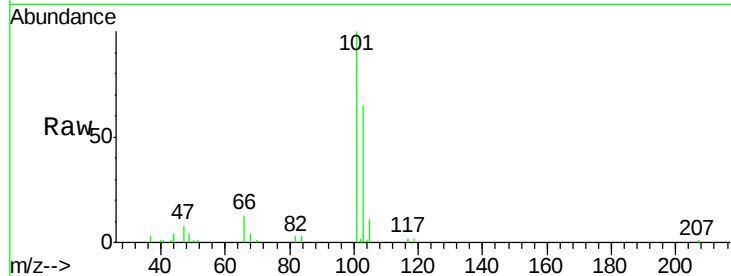


#7

Trichlorofluoromethane
Concen: 17.726 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
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ClientSampleId :
VN0721WBSD01

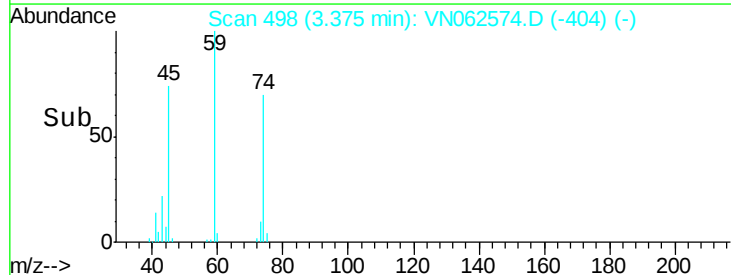
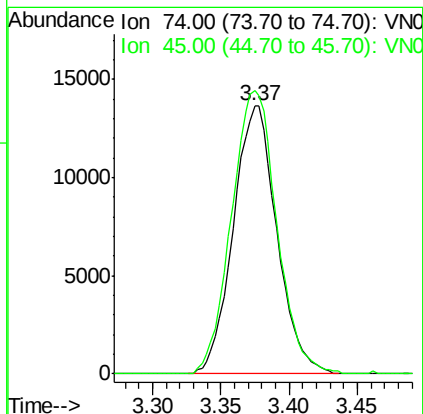
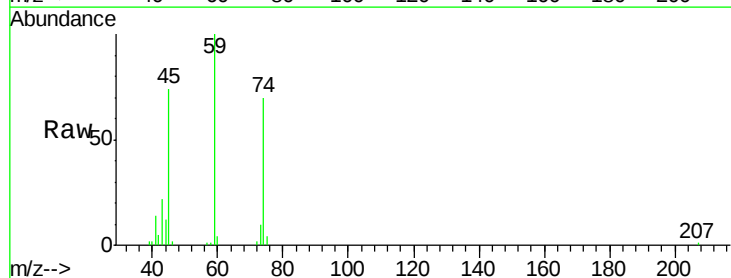
Tot Ion:101 Resp: 64465
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

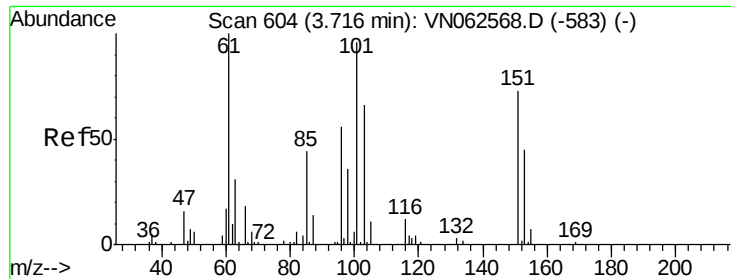


#8

Diethyl Ether
Concen: 17.811 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 74 Resp: 30290
Ion Ratio Lower Upper
74 100
45 110.2 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.892 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

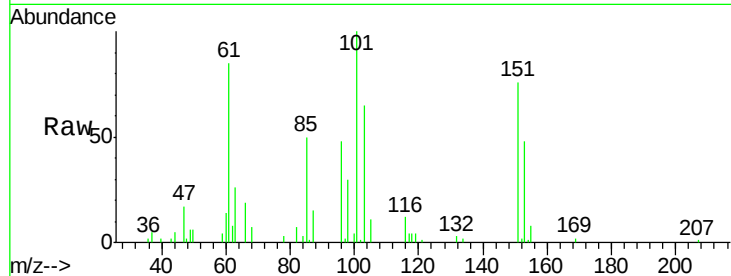
Tot Ion:101 Resp: 39386

Ion Ratio Lower Upper

101 100

85 47.9 36.0 54.0

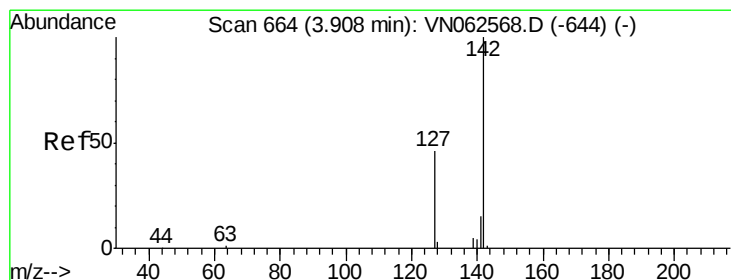
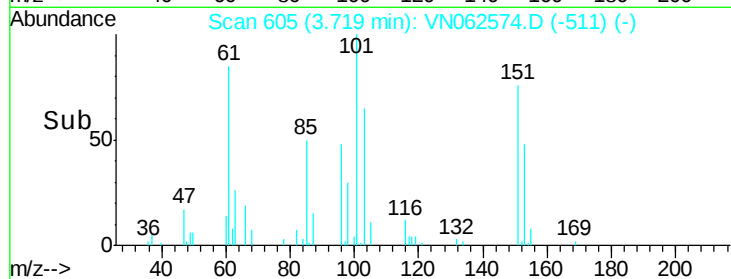
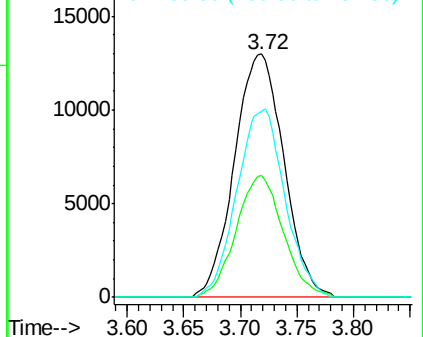
151 75.5 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.838 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

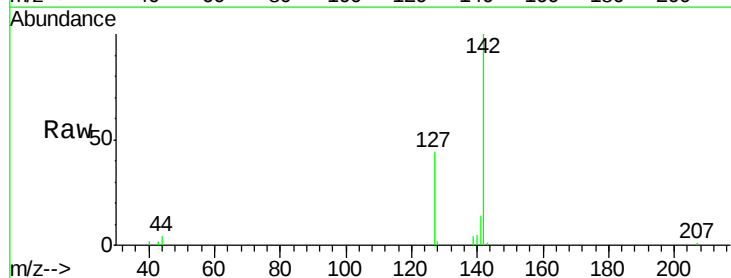
Tgt Ion:142 Resp: 47212

Ion Ratio Lower Upper

142 100

127 44.9 37.4 56.0

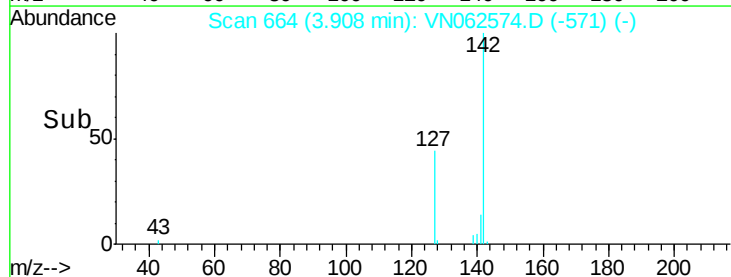
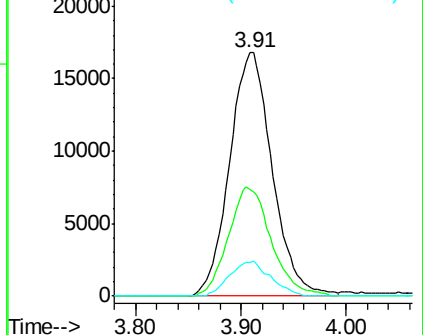
141 13.7 11.9 17.9

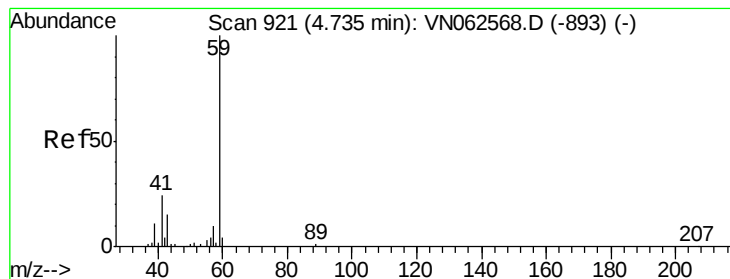


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



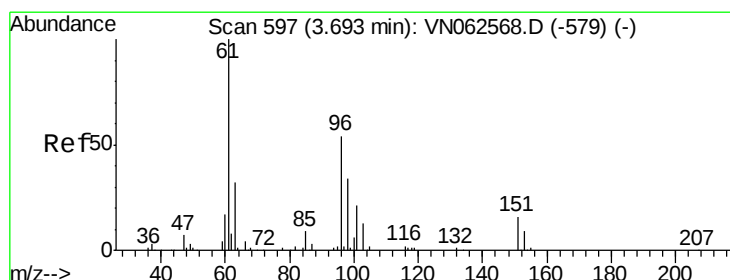
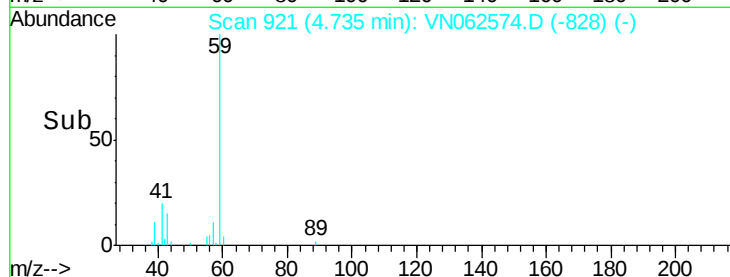
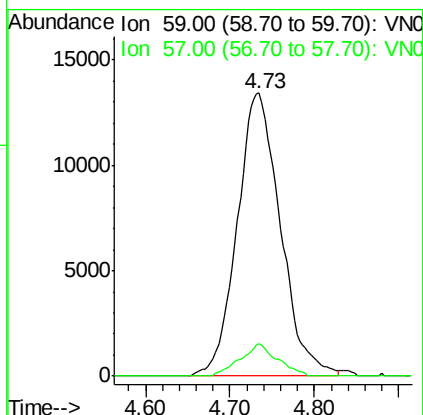
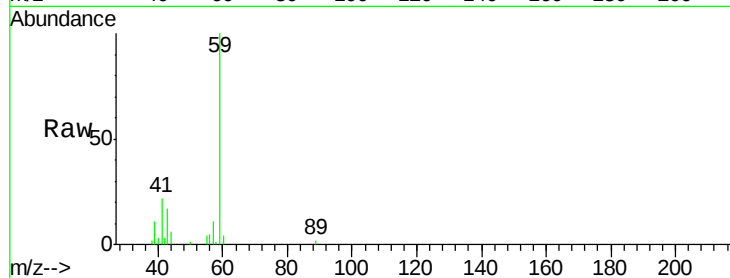


#11

Tert butyl alcohol
 Concen: 87.622 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

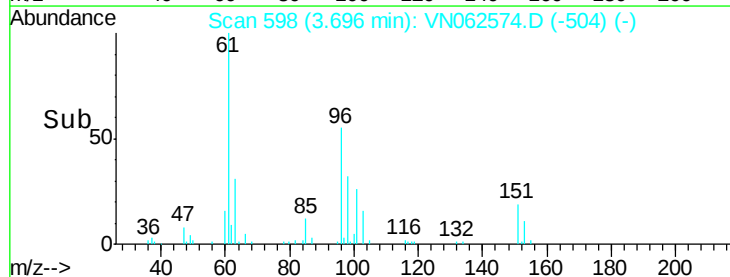
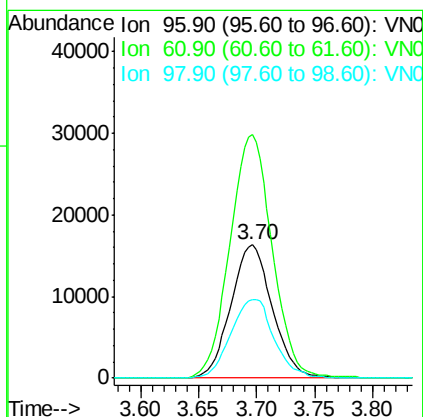
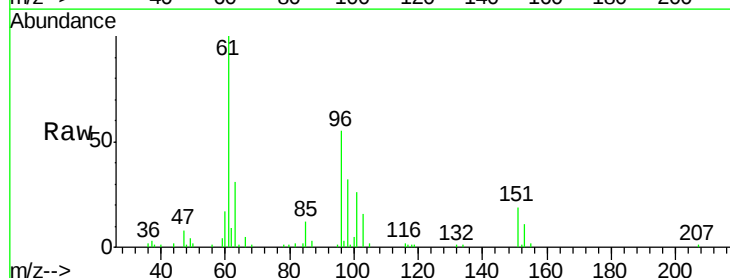
Tot Ion: 59 Resp: 47821
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

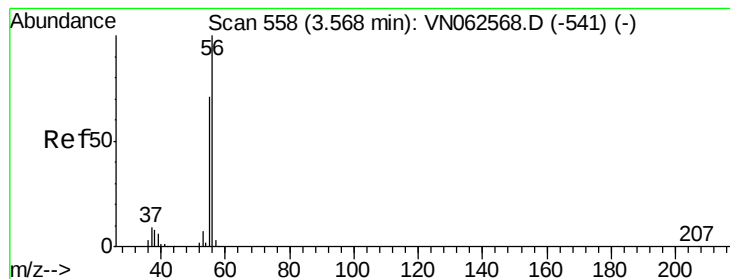


#12

1,1-Dichloroethene
 Concen: 17.115 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 96 Resp: 40473
 Ion Ratio Lower Upper
 96 100
 61 182.9 148.6 222.8
 98 59.0 50.6 75.8





#13

Acrolein

Concen: 79.319 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

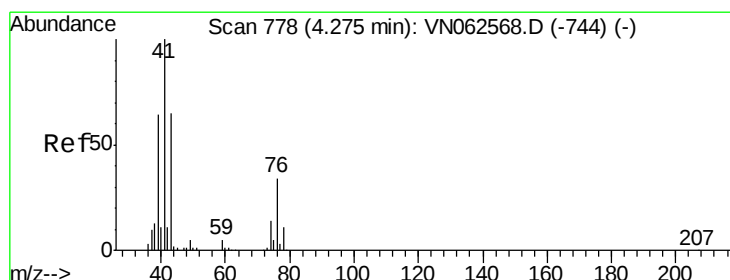
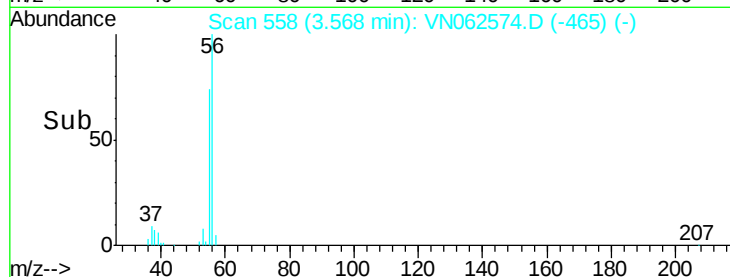
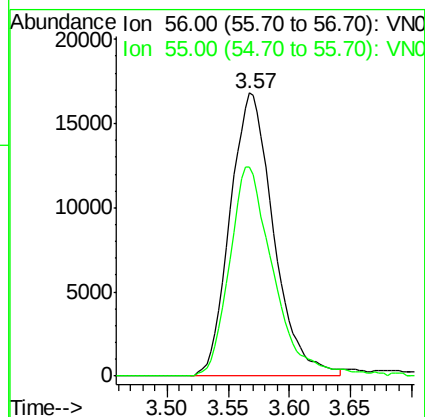
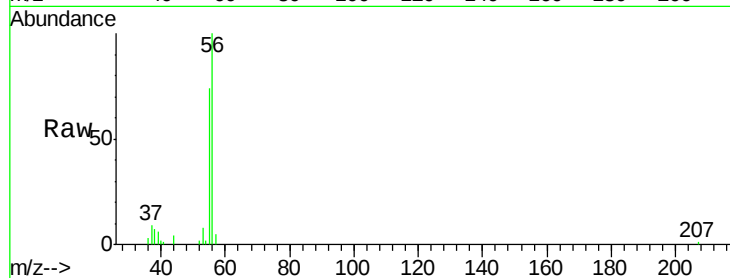
VN0721WBSD01

Tot Ion: 56 Resp: 41753

Ion Ratio Lower Upper

56 100

55 74.2 57.0 85.4



#14

Allyl chloride

Concen: 16.866 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

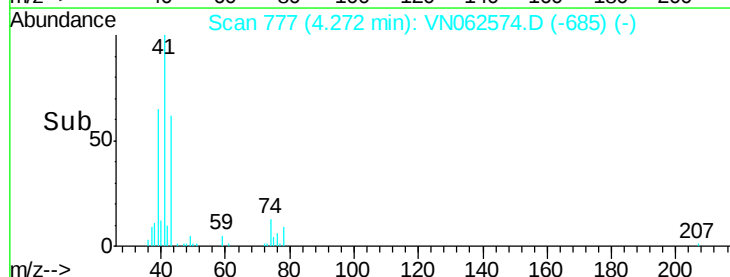
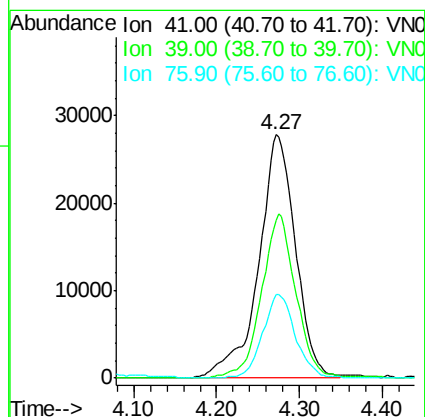
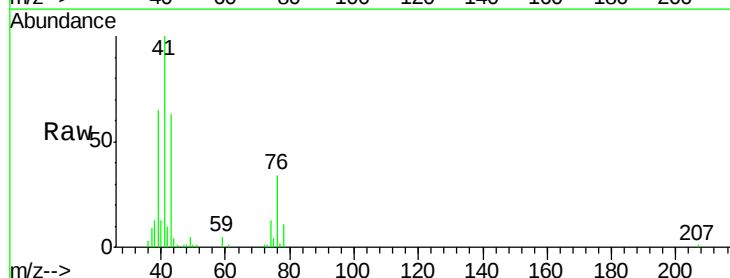
Tgt Ion: 41 Resp: 86273

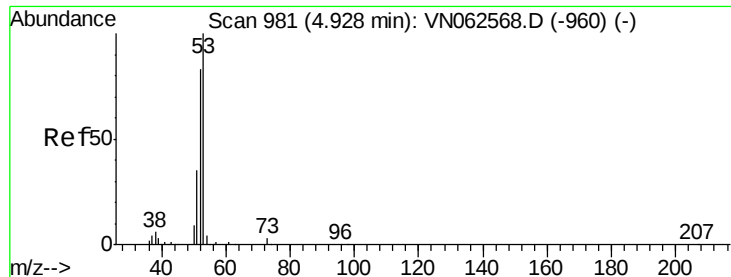
Ion Ratio Lower Upper

41 100

39 62.7 49.0 73.4

76 30.6 24.0 36.0





#15

Acrylonitrile

Concen: 88.040 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

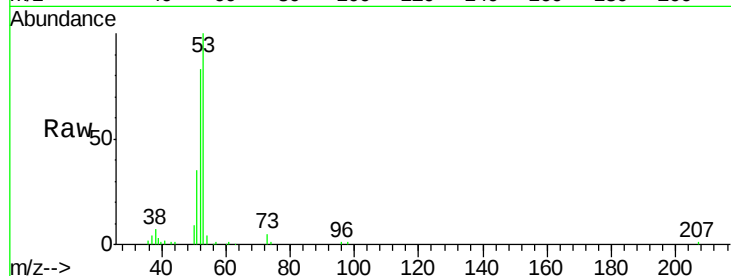
Tot Ion: 53 Resp: 128699

Ion Ratio Lower Upper

53 100

52 83.5 66.3 99.5

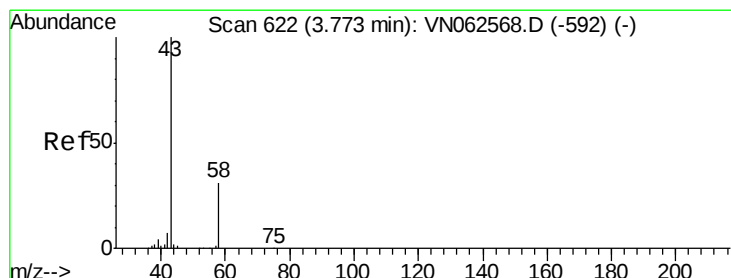
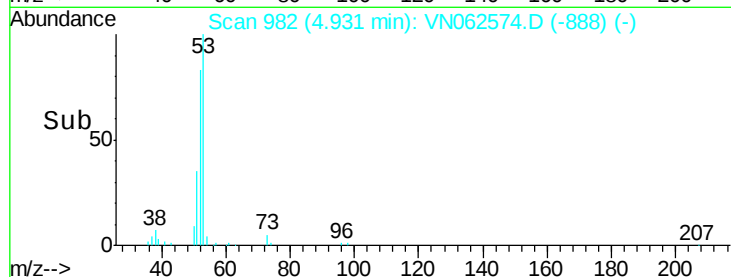
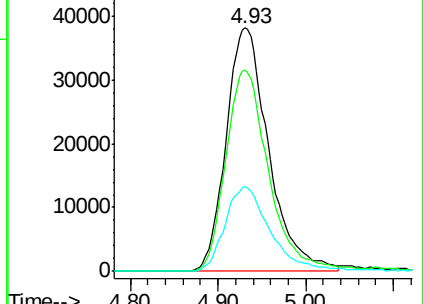
51 36.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 87.154 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062574.D

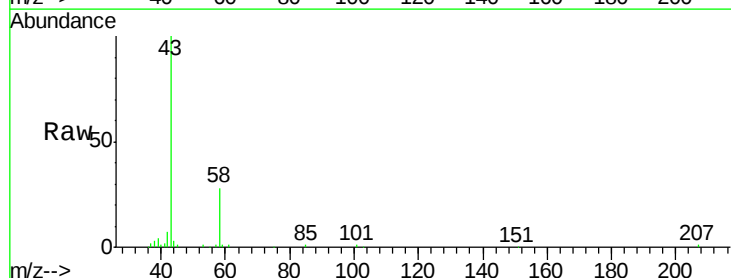
Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 112518

Ion Ratio Lower Upper

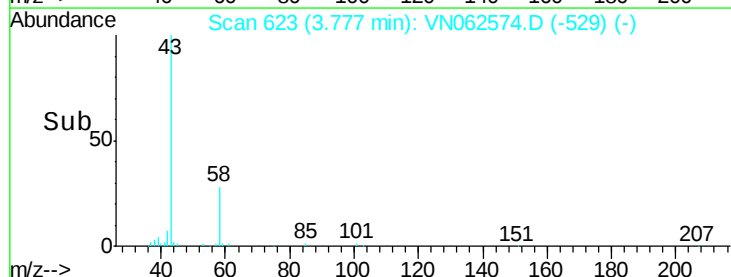
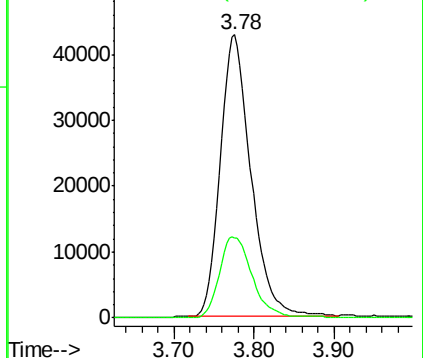
43 100

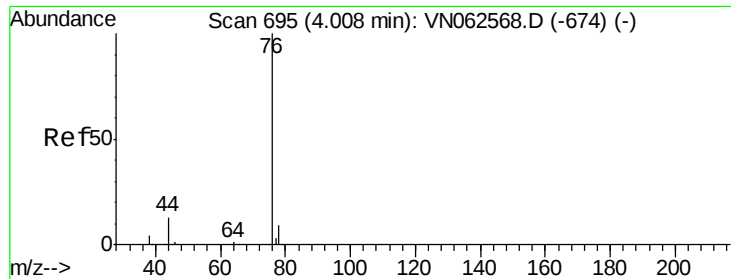
58 28.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

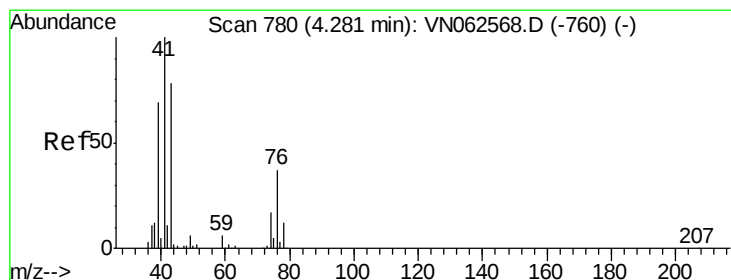
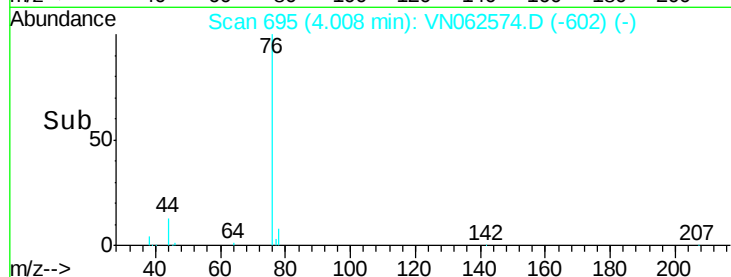
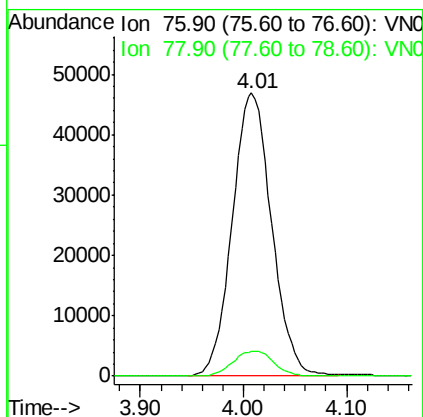
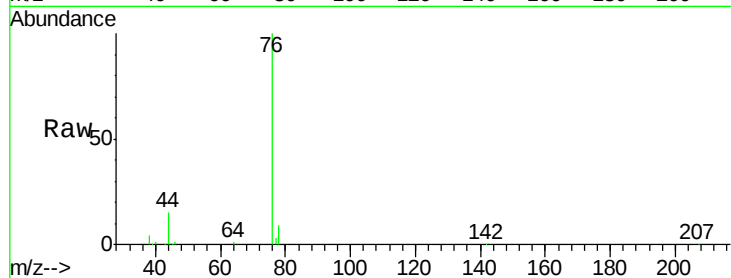




#17
Carbon Disulfide
Concen: 16.029 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

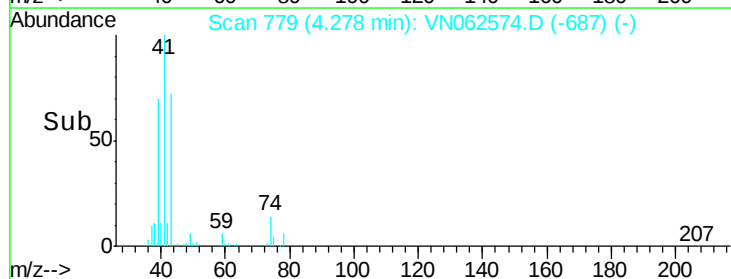
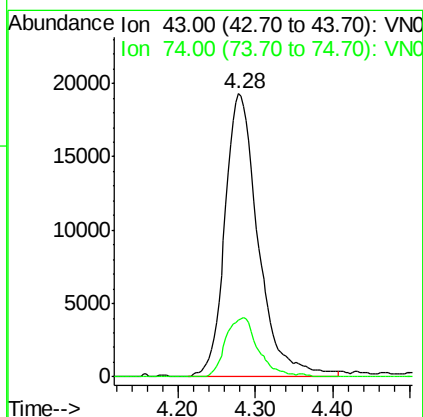
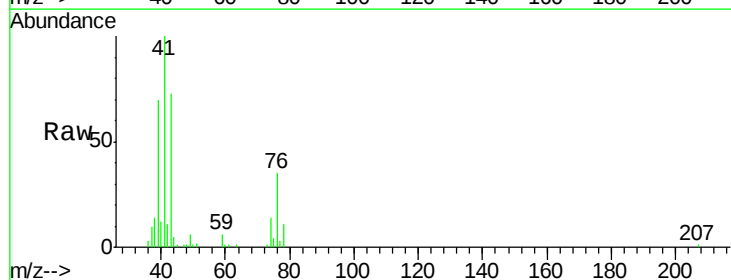
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

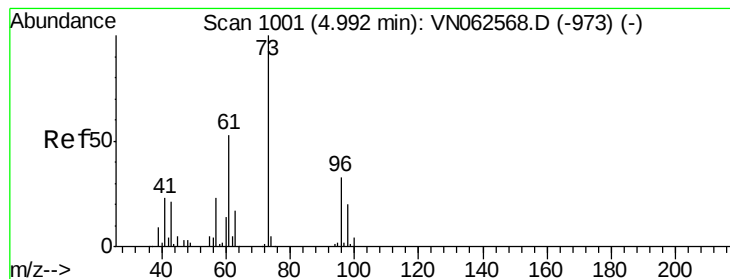
Tot Ion: 76 Resp: 124543
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 17.718 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 57907
Ion Ratio Lower Upper
43 100
74 20.3 16.6 24.8



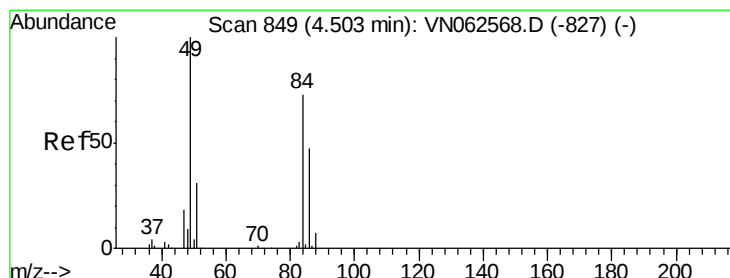
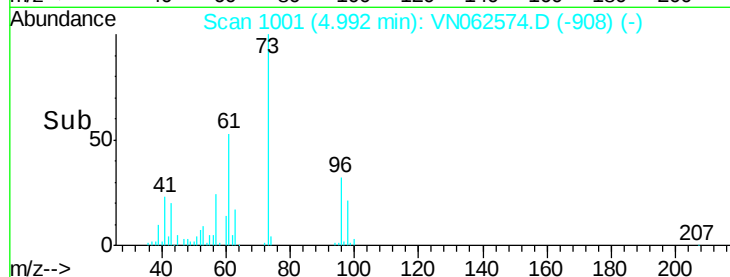
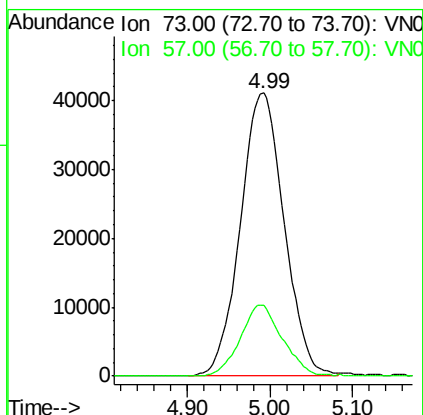
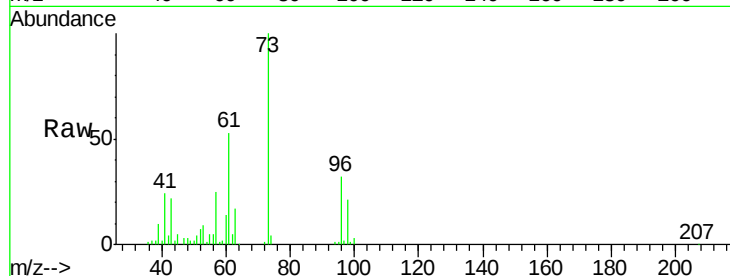


#19

Methyl tert-butyl Ether
 Concen: 17.322 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0721WBSD01

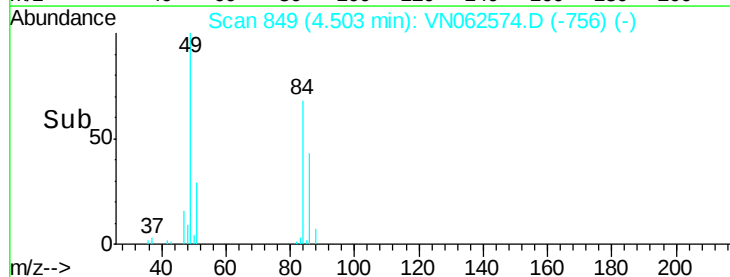
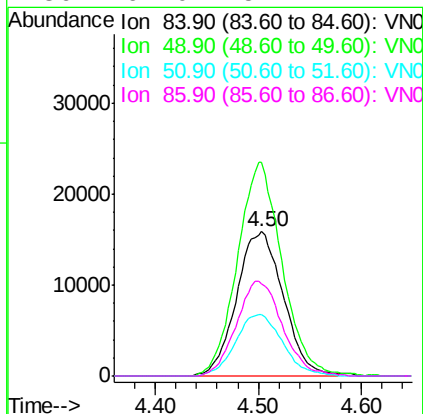
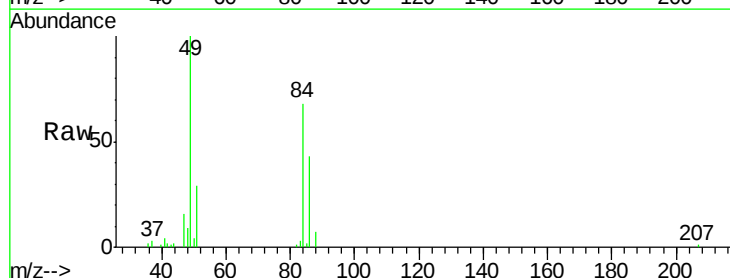
Tot Ion: 73 Resp: 150763
 Ion Ratio Lower Upper
 73 100
 57 24.8 18.6 27.8

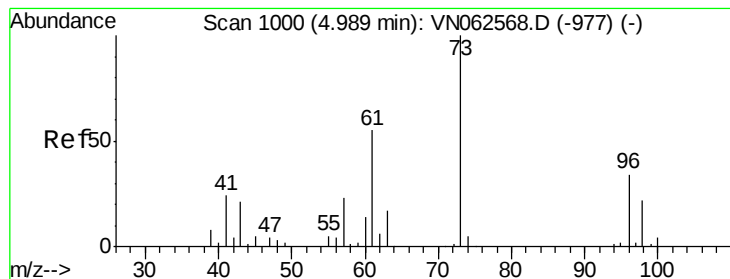


#20

Methylene Chloride
 Concen: 16.134 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 84 Resp: 49958
 Ion Ratio Lower Upper
 84 100
 49 148.0 109.4 164.0
 51 42.5 33.6 50.4
 86 64.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.575 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

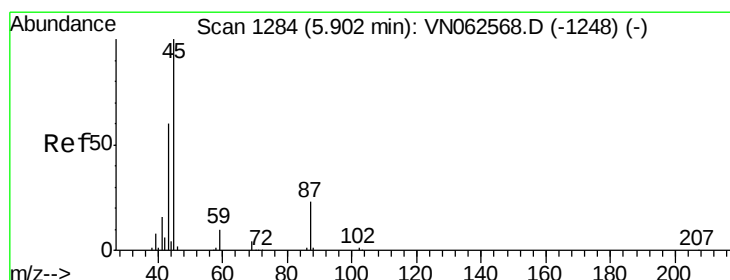
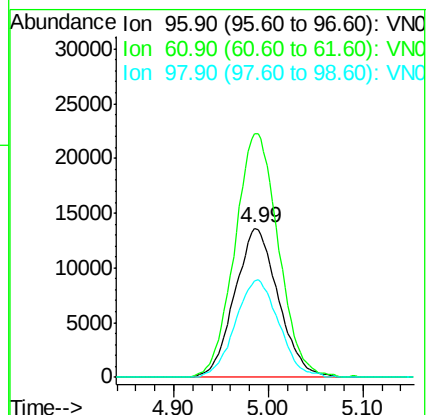
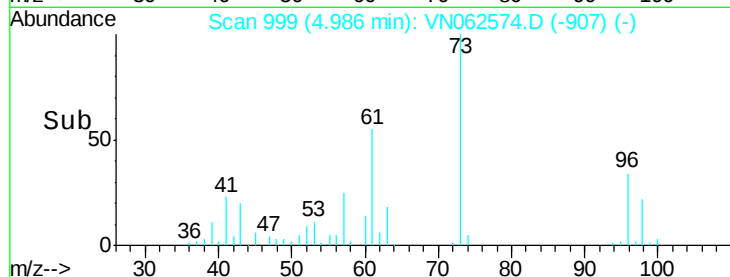
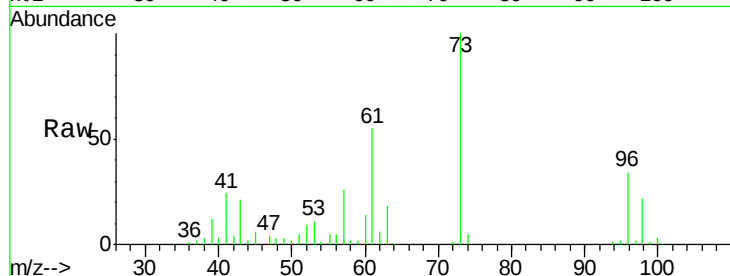
Tot Ion: 96 Resp: 43501

Ion Ratio Lower Upper

96 100

61 163.2 128.6 192.8

98 64.9 50.6 76.0



#22

Diisopropyl ether

Concen: 17.590 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 45 Resp: 178846

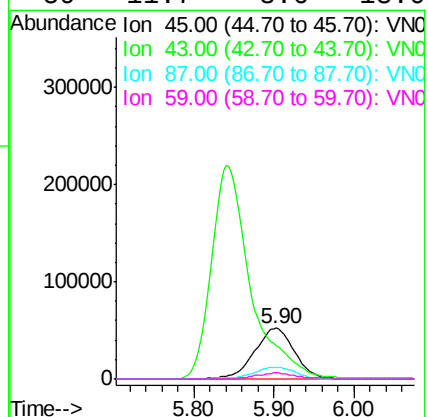
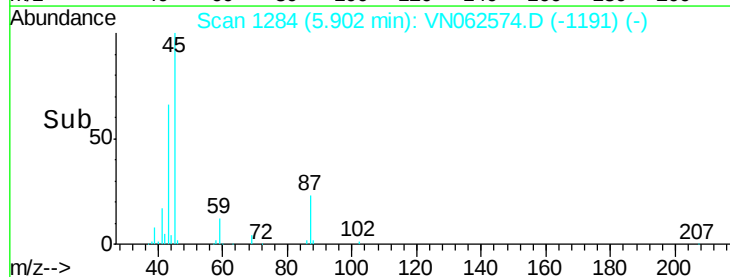
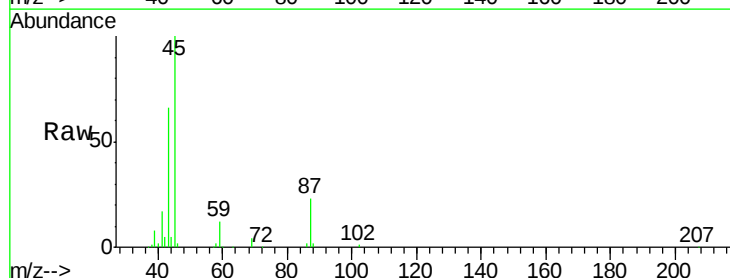
Ion Ratio Lower Upper

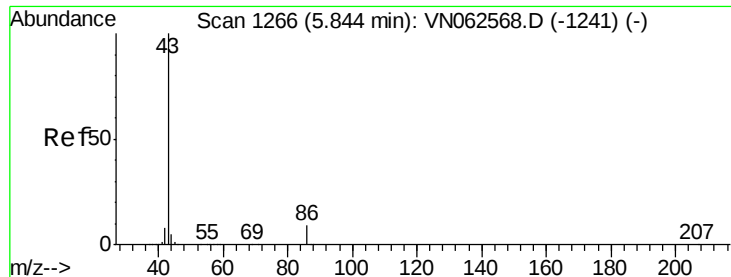
45 100

43 63.1 48.7 73.1

87 23.4 19.0 28.6

59 11.7 8.6 13.0





#23

Vinyl Acetate

Concen: 89.259 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

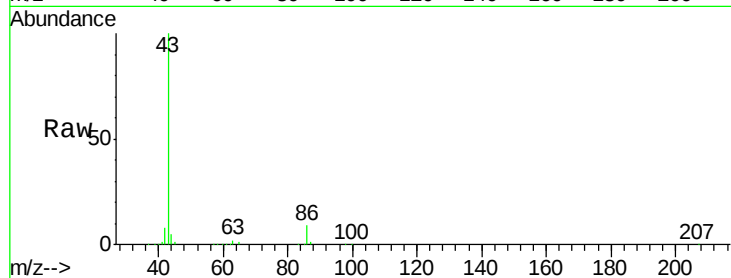
VN0721WBSD01

Tot Ion: 43 Resp: 743625

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062568.D (-1241) (-)

5.84

250000

200000

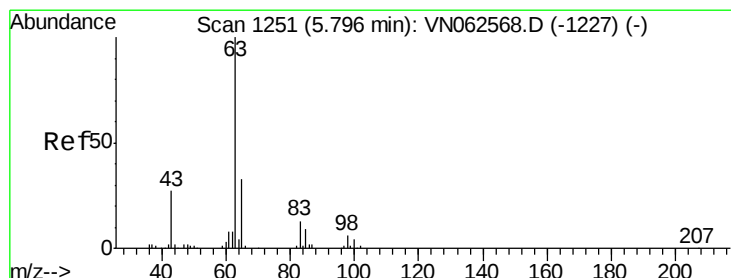
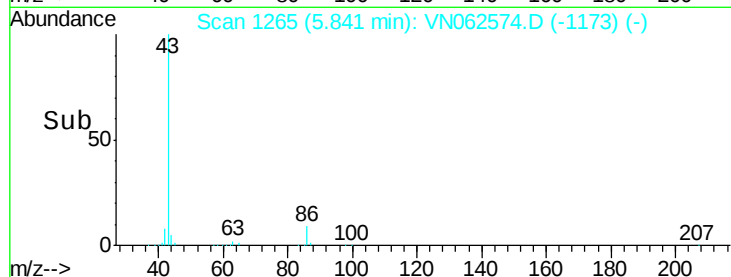
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 17.120 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

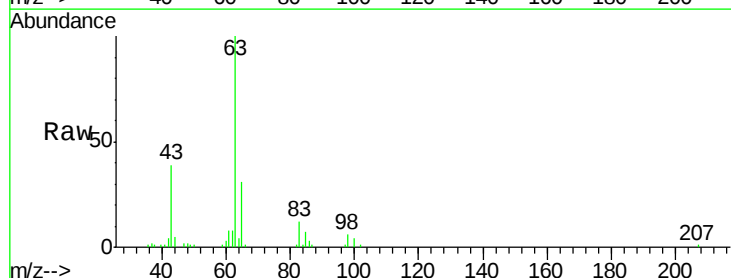
Tgt Ion: 63 Resp: 93733

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 4.1 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062568.D (-1227) (-)

40000

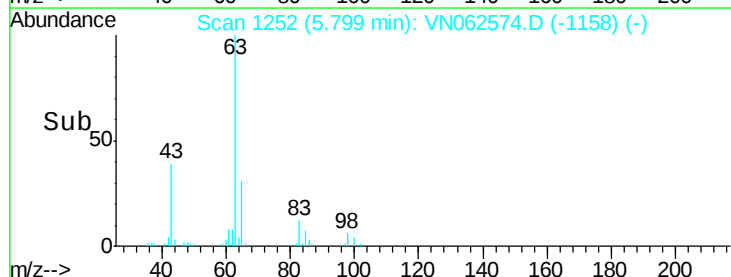
30000

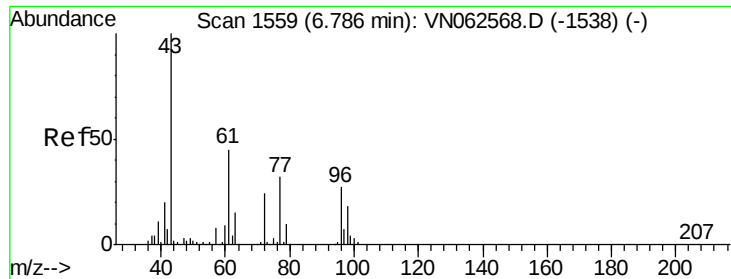
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 88.780 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

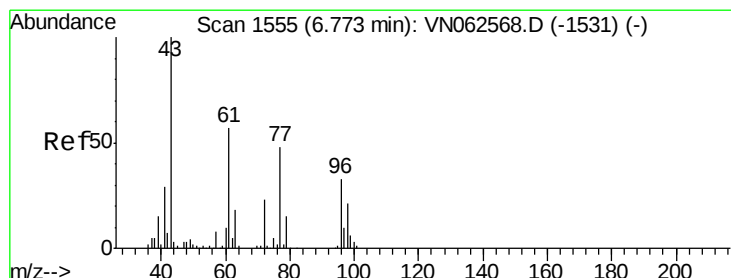
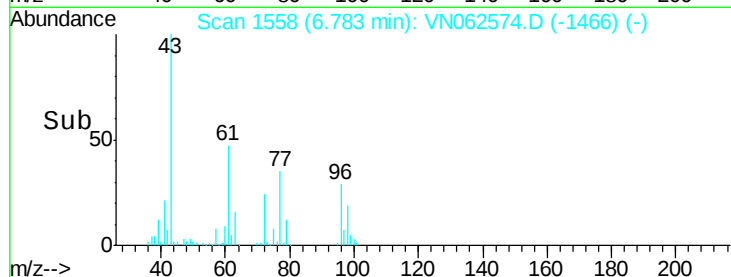
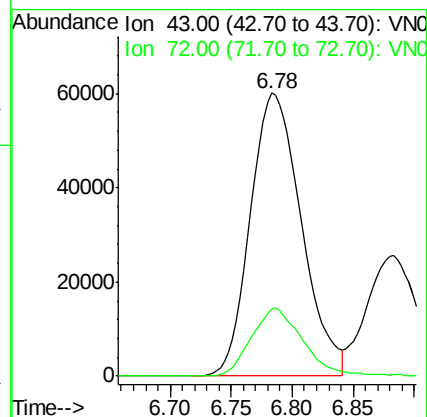
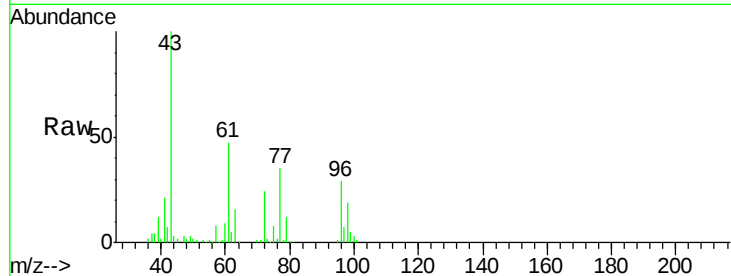
VN0721WBSD01

Tot Ion: 43 Resp: 174558

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 16.546 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062574.D

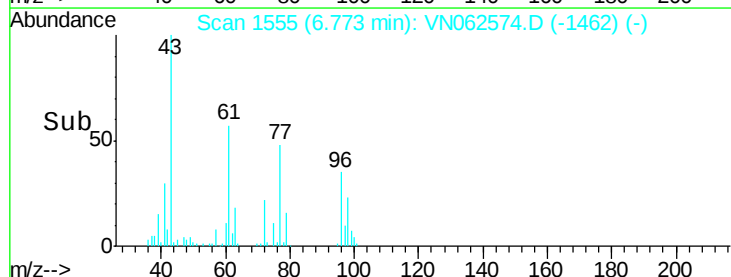
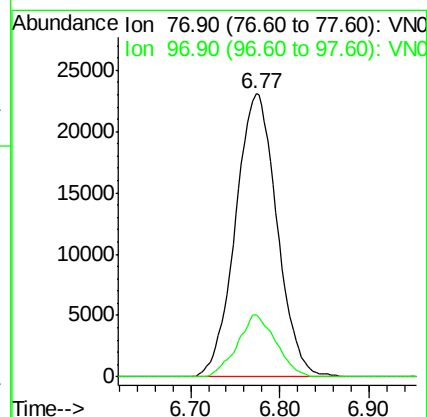
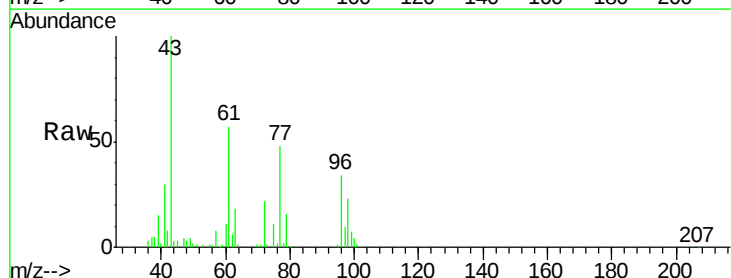
Acq: 21 Jul 2020 16:27

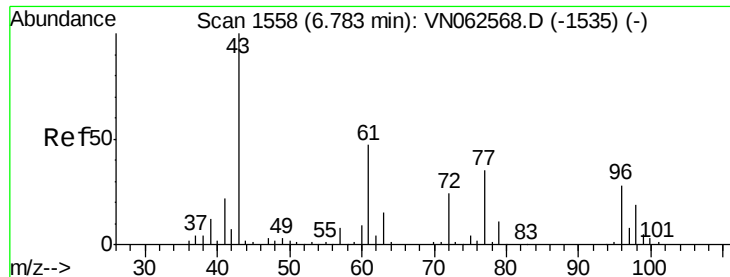
Tgt Ion: 77 Resp: 74370

Ion Ratio Lower Upper

77 100

97 20.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.000 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampled :

VN0721WBSD01

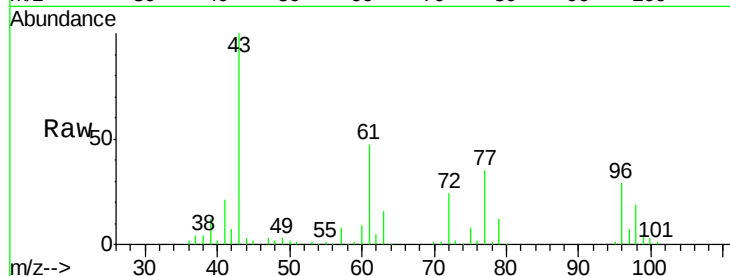
Tot Ion: 96 Resp: 50912

Ion Ratio Lower Upper

96 100

61 165.7 0.0 332.4

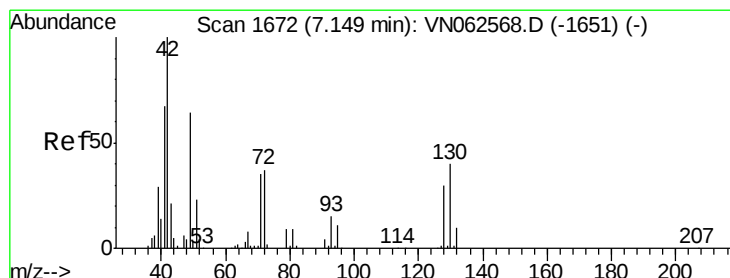
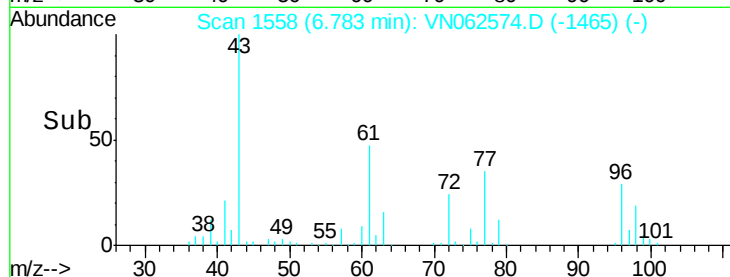
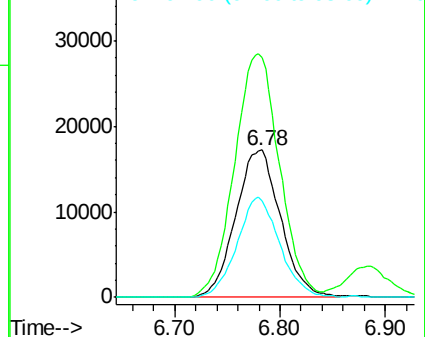
98 64.5 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.849 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

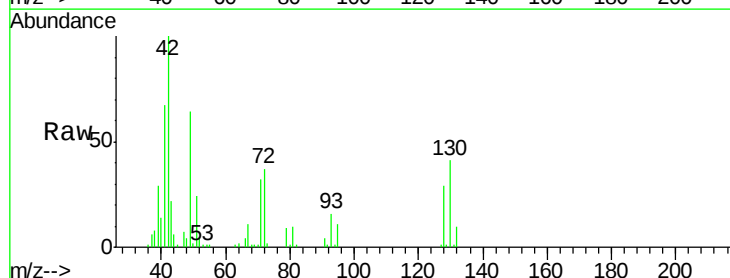
Tgt Ion: 49 Resp: 50789

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.4

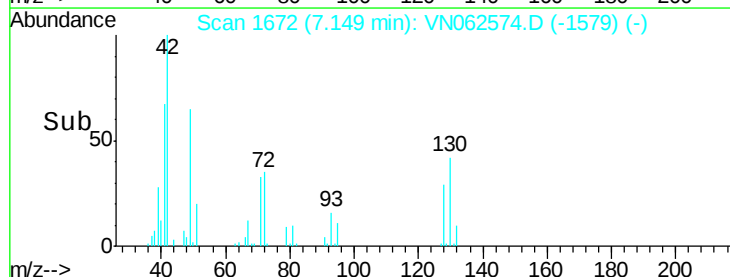
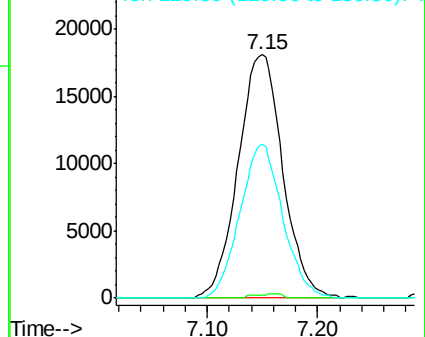
130 60.5 49.8 74.8

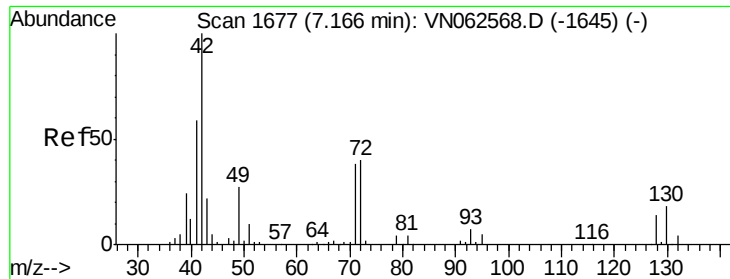


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

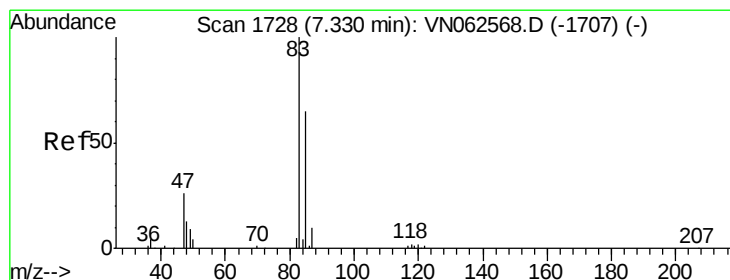
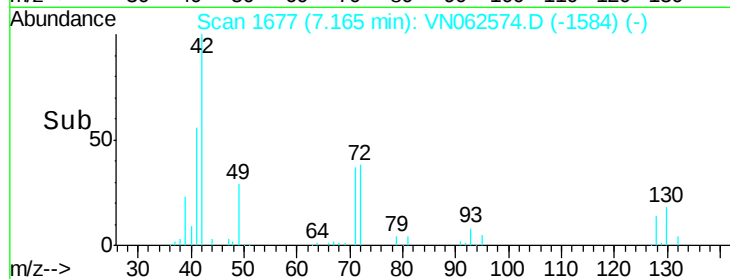
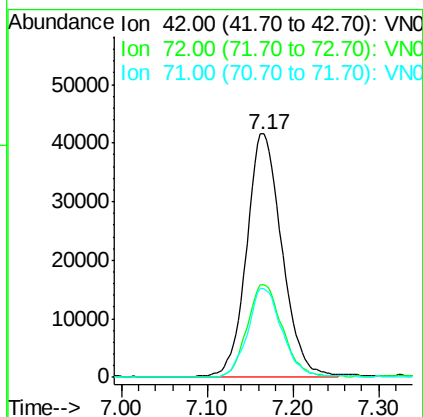
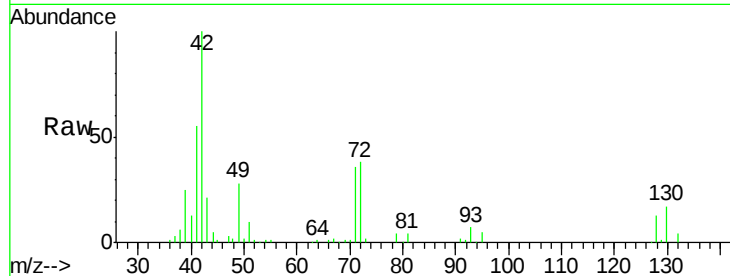




#29
Tetrahydrofuran
Concen: 89.731 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

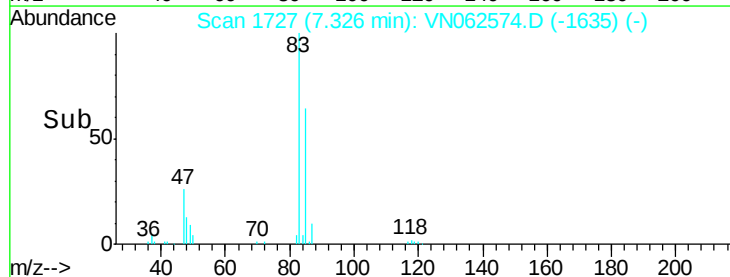
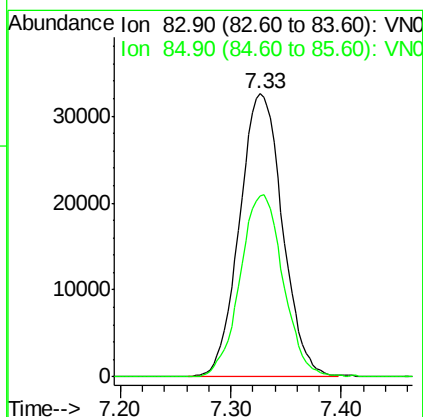
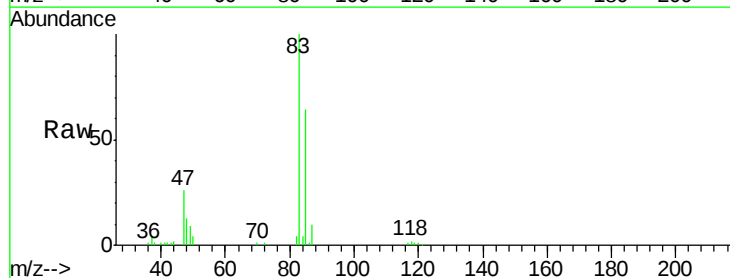
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

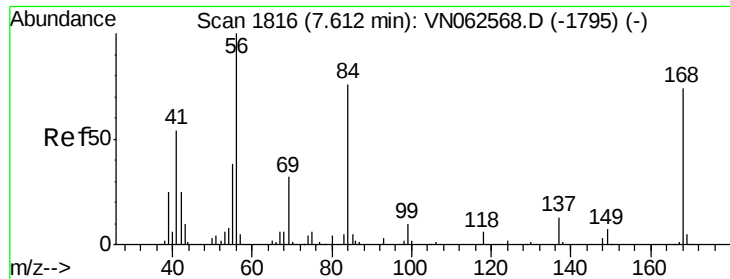
Tot Ion: 42 Resp: 119382
Ion Ratio Lower Upper
42 100
72 38.2 30.7 46.1
71 35.5 29.1 43.7



#30
Chloroform
Concen: 16.932 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 83 Resp: 88143
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0

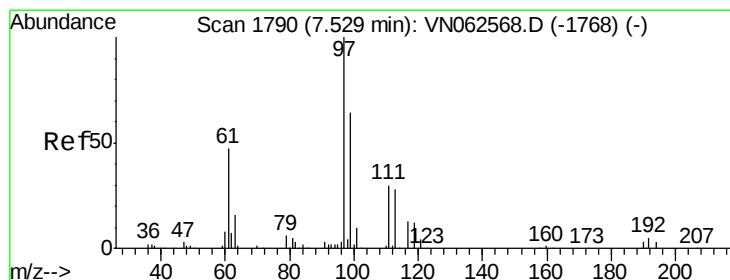
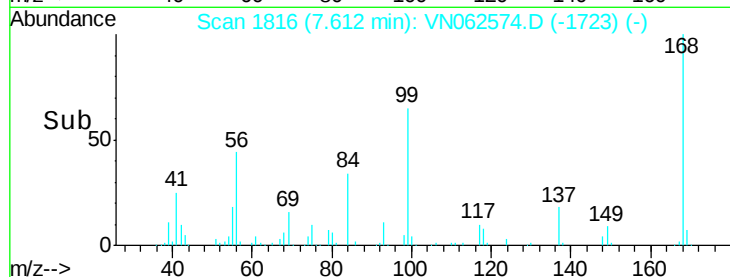
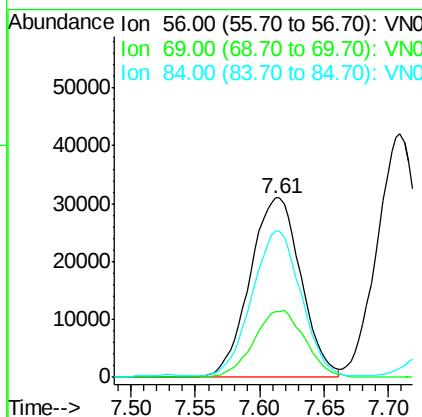
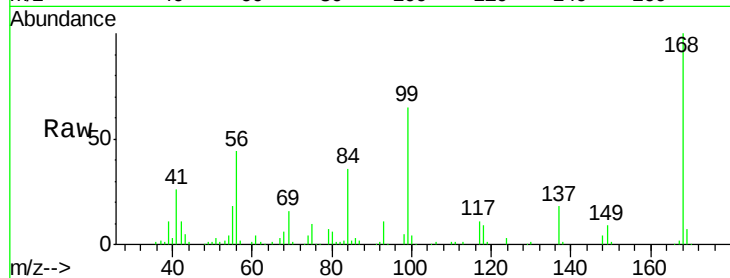




#31
Cyclohexane
Concen: 16.903 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

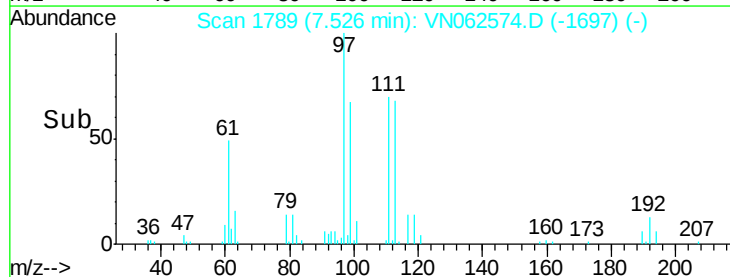
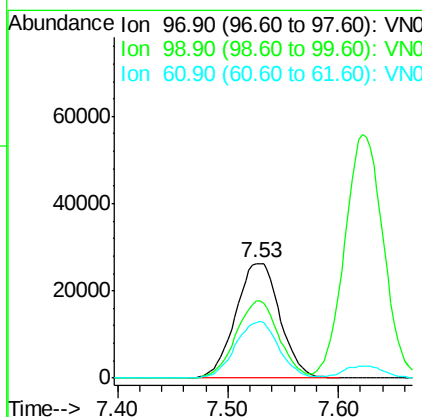
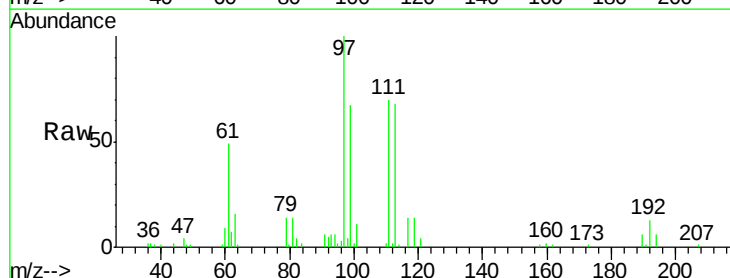
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

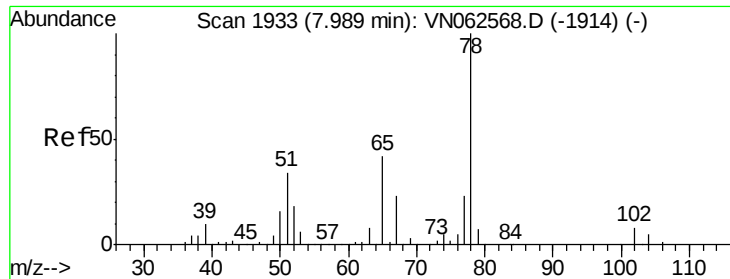
Tot Ion: 56 Resp: 85446
Ion Ratio Lower Upper
56 100
69 36.9 25.3 37.9
84 80.3 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 16.832 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 97 Resp: 73158
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 48.1 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 44.211 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

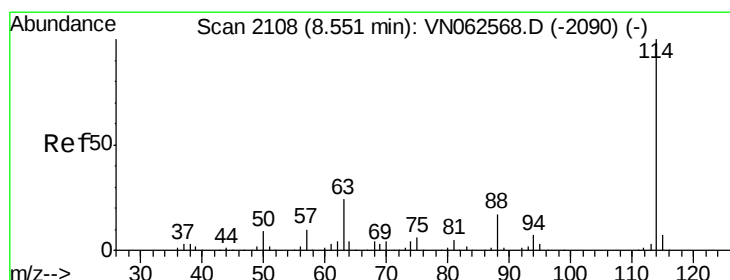
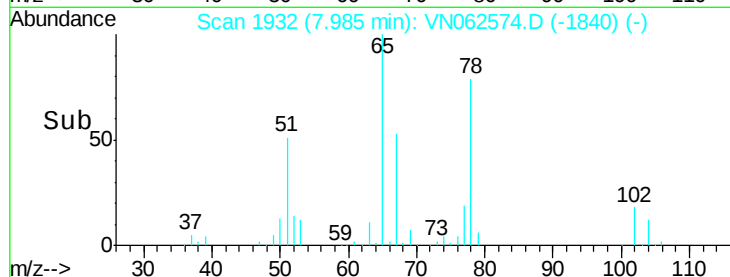
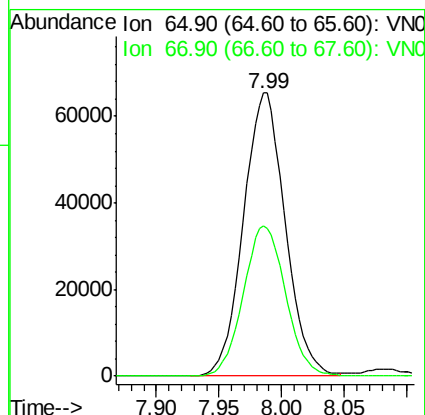
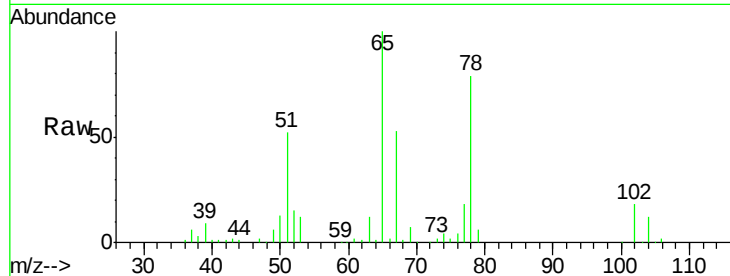
VN0721WBSD01

Tot Ion: 65 Resp: 151677

Ion Ratio Lower Upper

65 100

67 53.6 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: VN062574.D

Acq: 21 Jul 2020 16:27

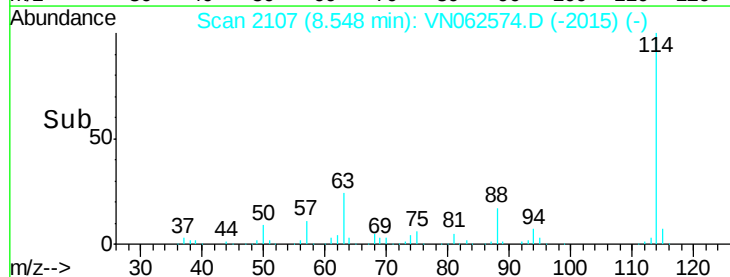
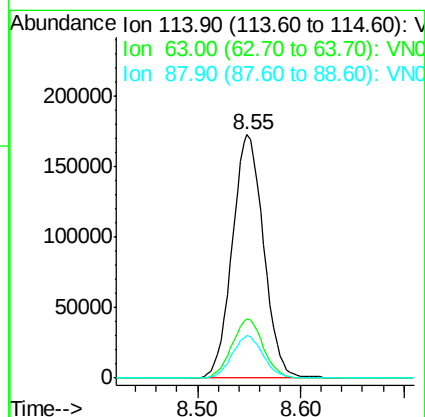
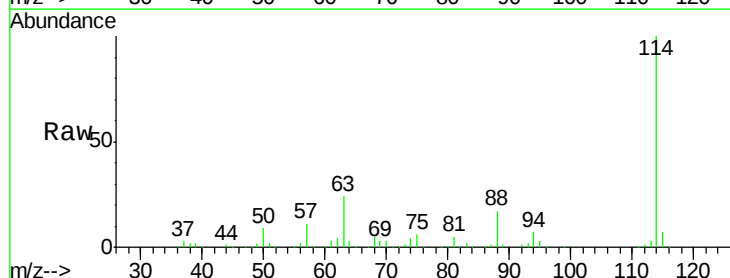
Tgt Ion: 114 Resp: 365195

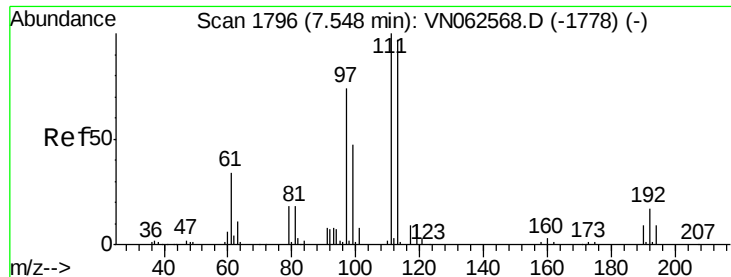
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.4

88 17.3 0.0 33.8

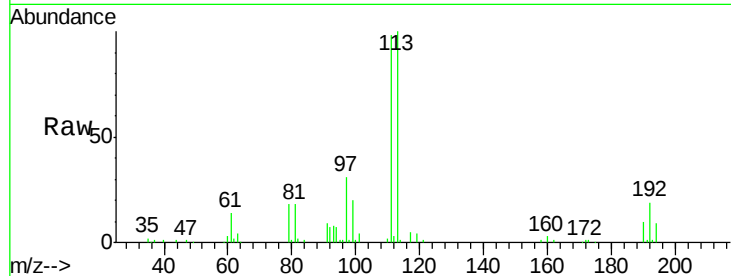




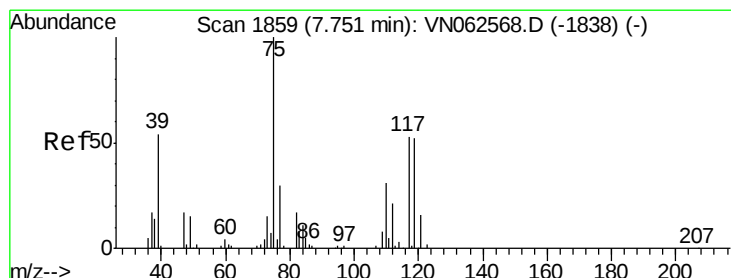
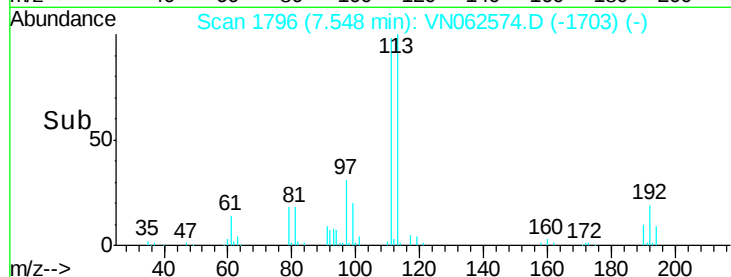
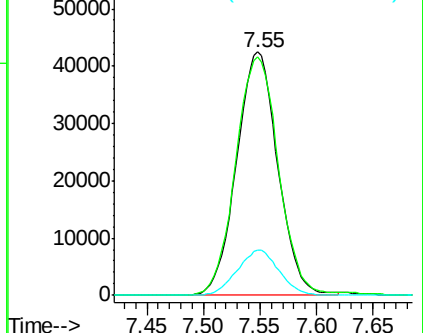
#35
Dibromofluoromethane
Concen: 44.828 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion:113 Resp: 107533
Ion Ratio Lower Upper
113 100
111 101.7 82.7 124.1
192 18.8 14.8 22.2

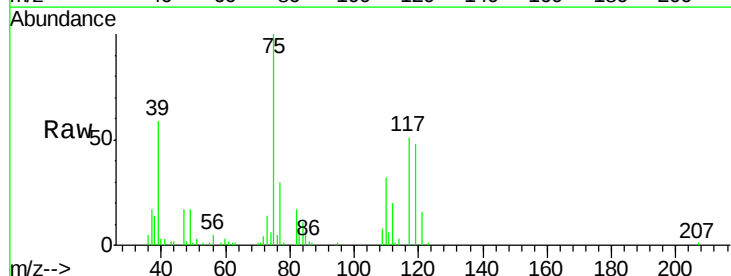


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

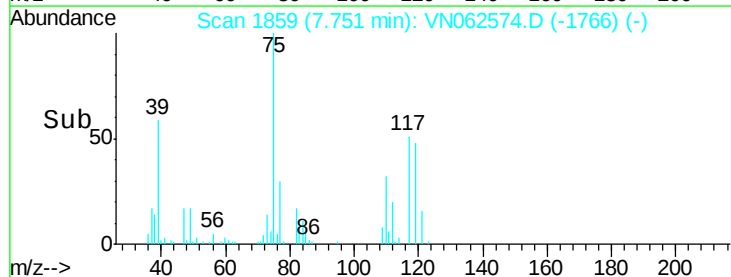
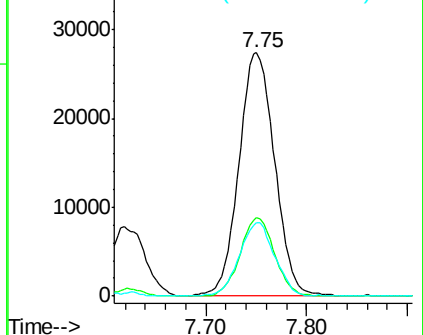


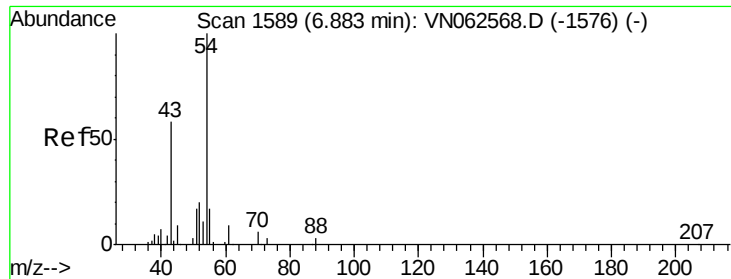
#36
1,1-Dichloropropene
Concen: 17.300 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 75 Resp: 67342
Ion Ratio Lower Upper
75 100
110 30.9 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

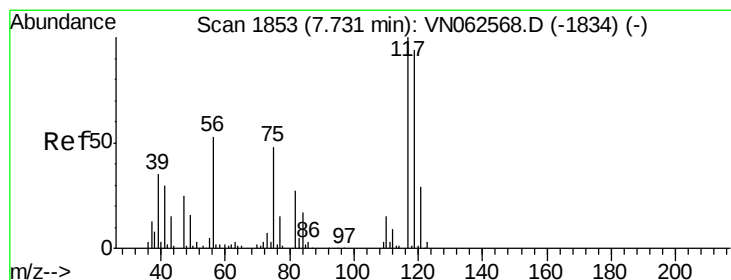
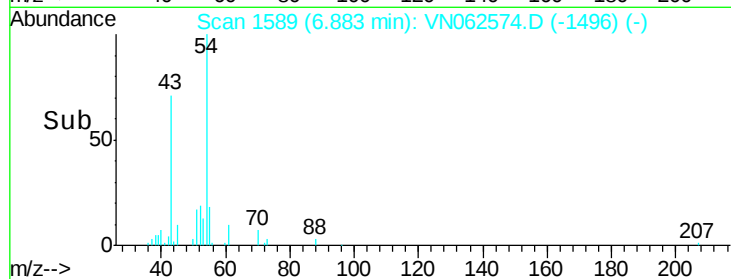
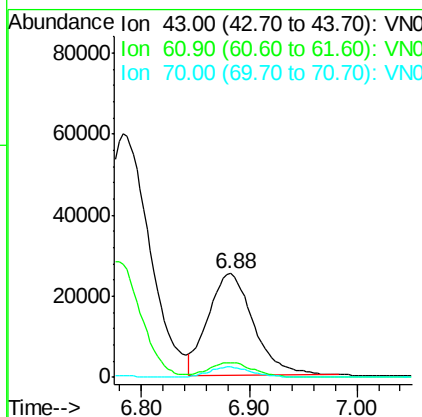
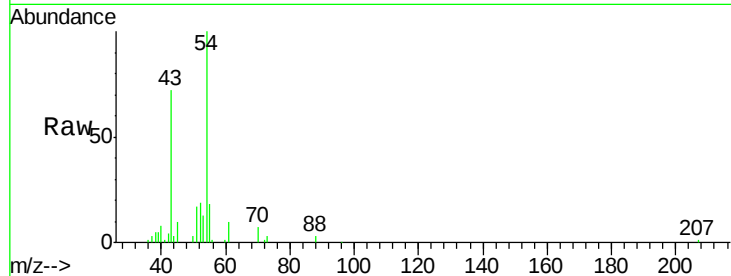




#37
 Ethyl Acetate
 Concen: 17.741 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

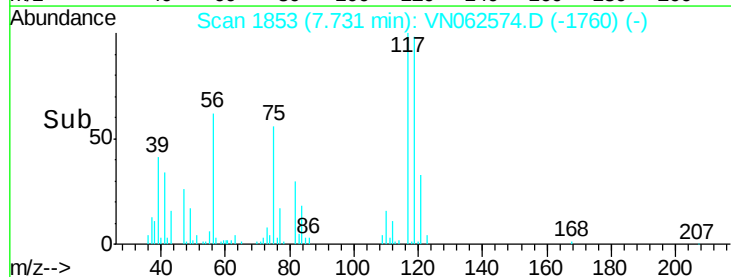
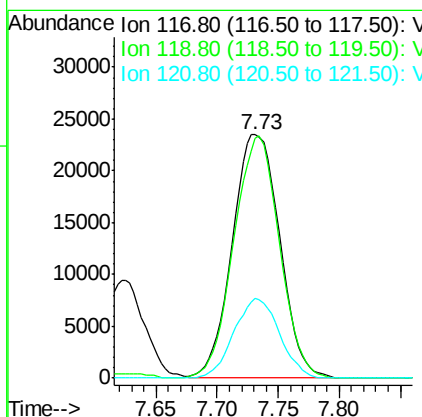
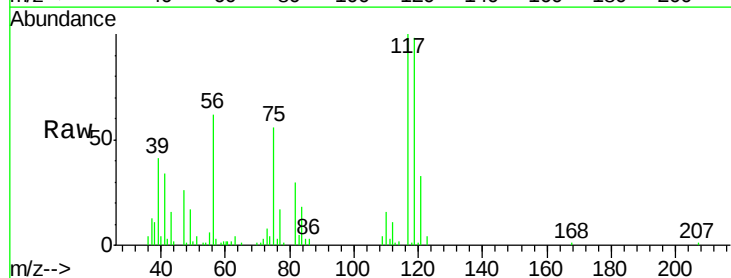
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0721WBSD01

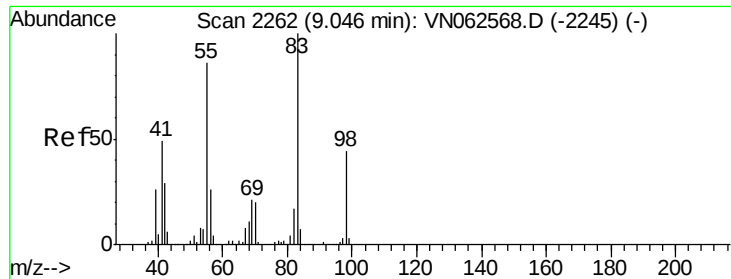
Tot Ion: 43 Resp: 74442
 Ion Ratio Lower Upper
 43 100
 61 13.0 11.3 16.9
 70 9.6 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 16.928 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 117 Resp: 63337
 Ion Ratio Lower Upper
 117 100
 119 98.2 74.8 112.2
 121 32.5 23.0 34.6

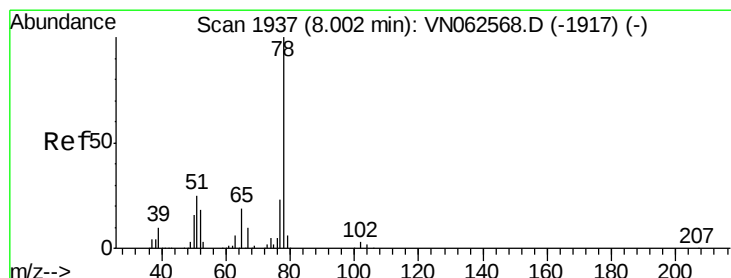
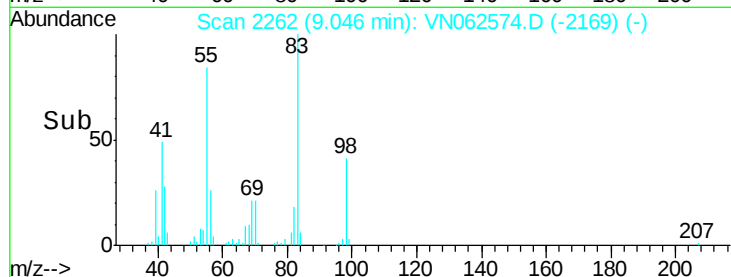
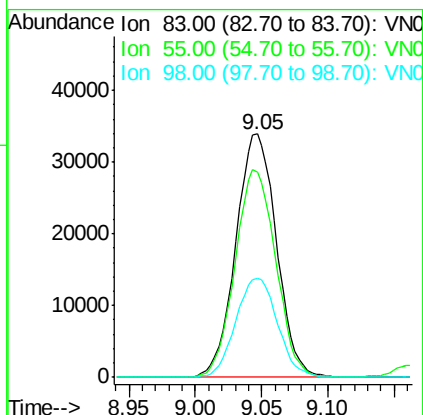
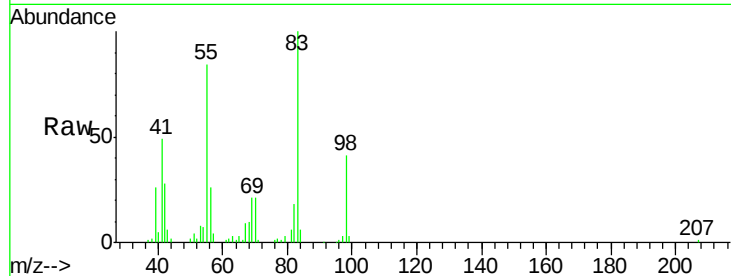




#39
Methvlcvclohexane
Concen: 17.268 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

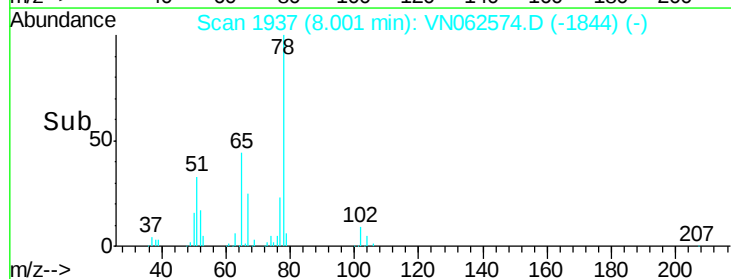
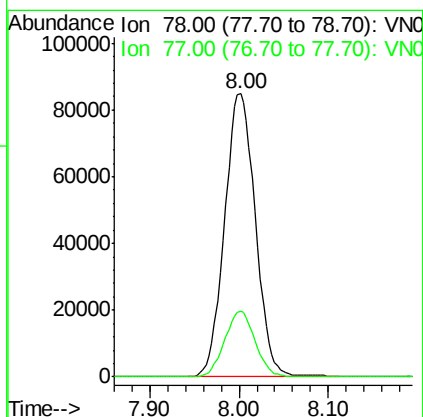
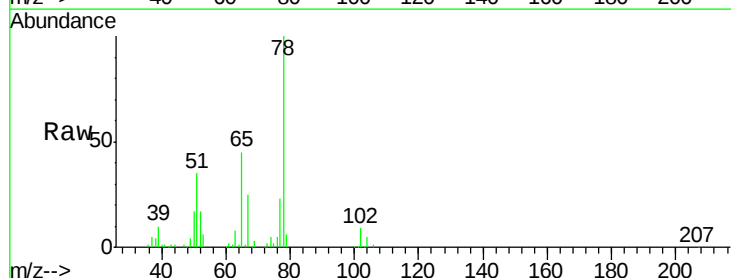
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

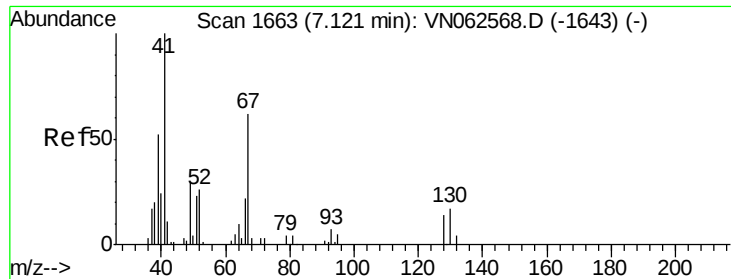
Tot Ion: 83 Resp: 72357
Ion Ratio Lower Upper
83 100
55 84.5 68.9 103.3
98 40.5 35.1 52.7



#40
Benzene
Concen: 17.224 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 78 Resp: 202979
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

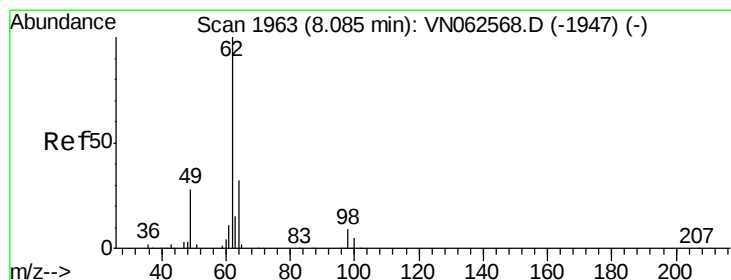
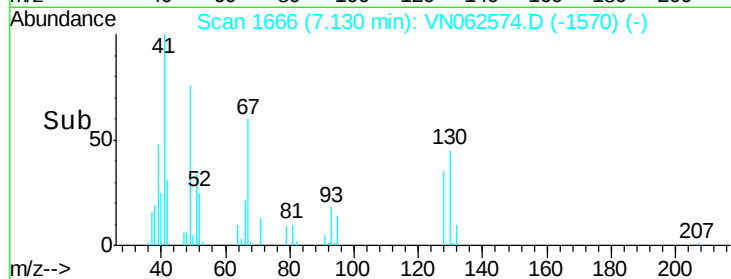
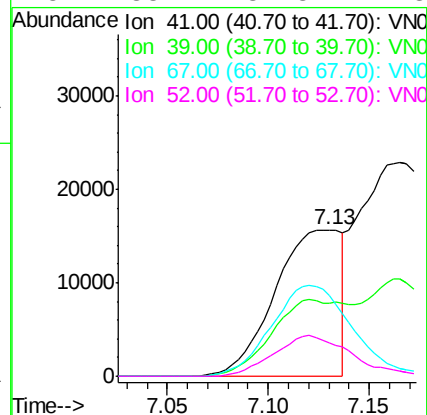
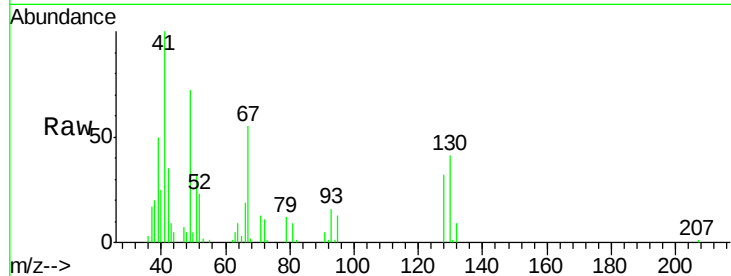




#41
Methacrylonitrile
Concen: 19.830 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

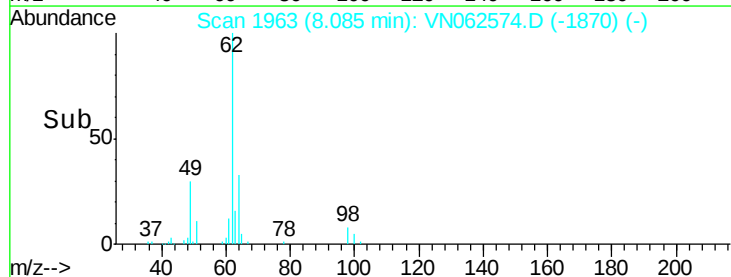
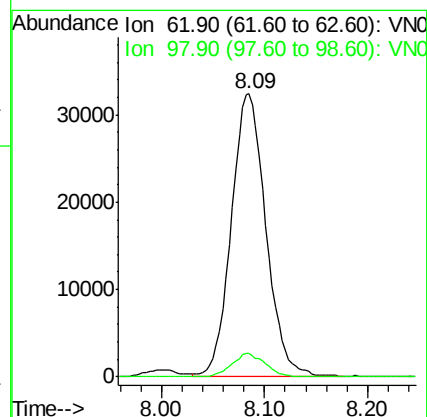
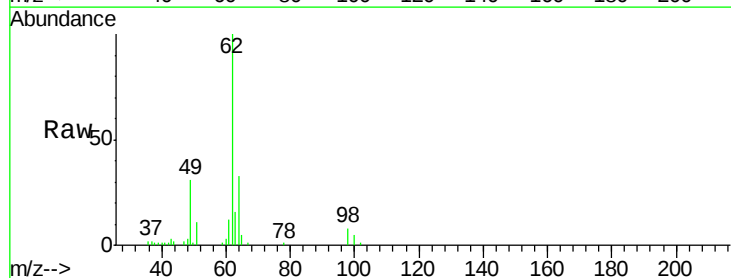
Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

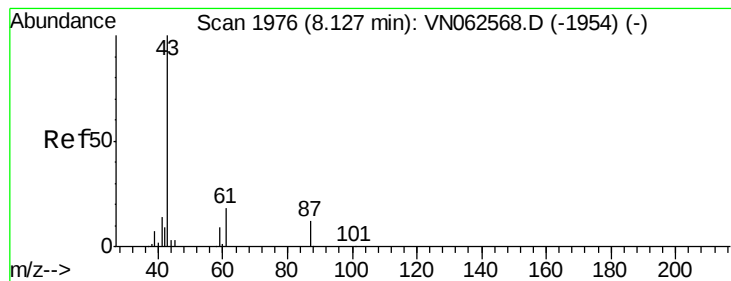
Tot Ion:	41	Resp:	35661
Ion	Ratio	Lower	Upper
41	100		
39	61.7	55.8	83.6
67	76.1	72.5	108.7
52	33.2	31.8	47.8



#42
1,2-Dichloroethane
Concen: 17.612 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion:	62	Resp:	75879
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.106 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

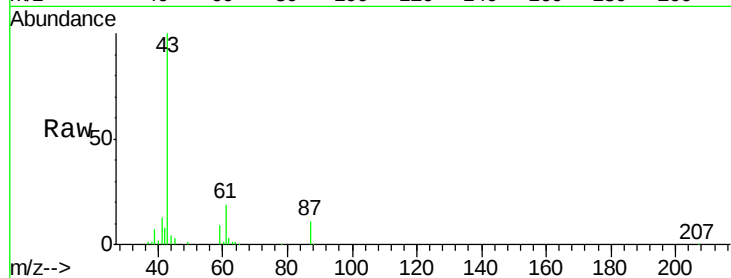
Tot Ion: 43 Resp: 122473

Ion Ratio Lower Upper

43 100

61 19.6 20.8 31.2#

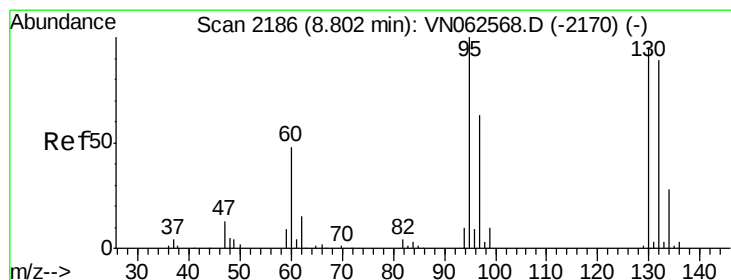
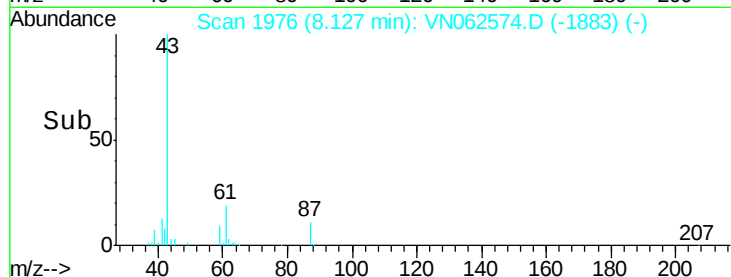
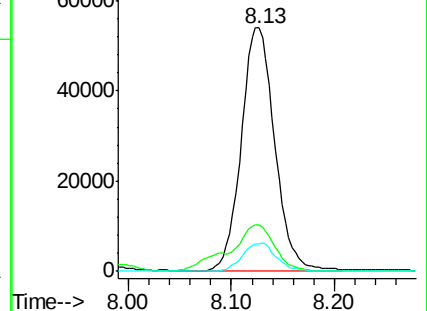
87 11.5 9.2 13.8



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: 17.053 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062574.D

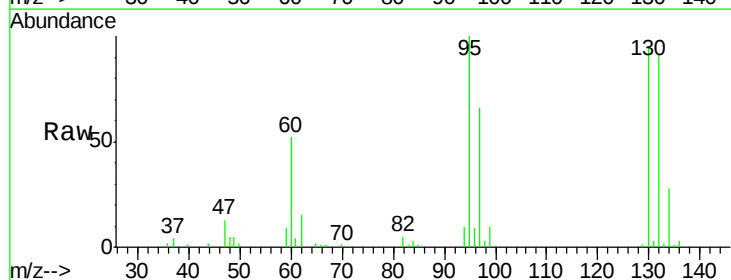
Acq: 21 Jul 2020 16:27

Tgt Ion:130 Resp: 45320

Ion Ratio Lower Upper

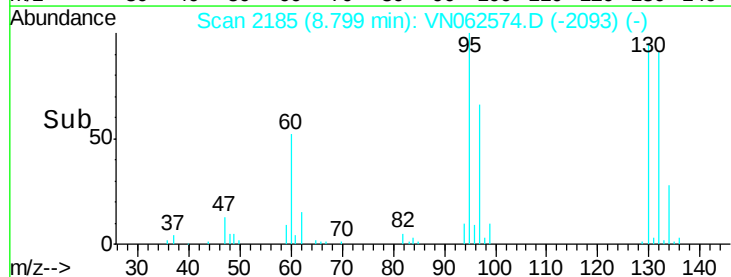
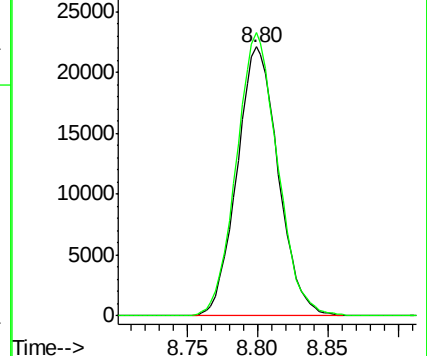
130 100

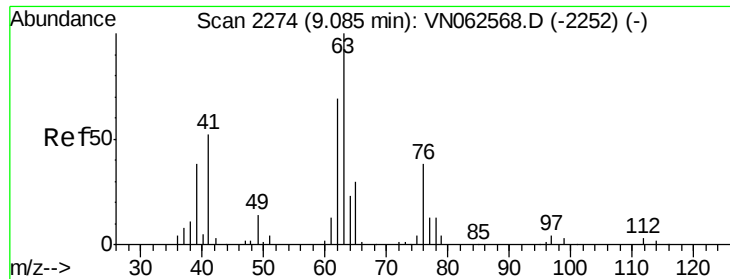
95 105.2 0.0 210.4



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: 17.673 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

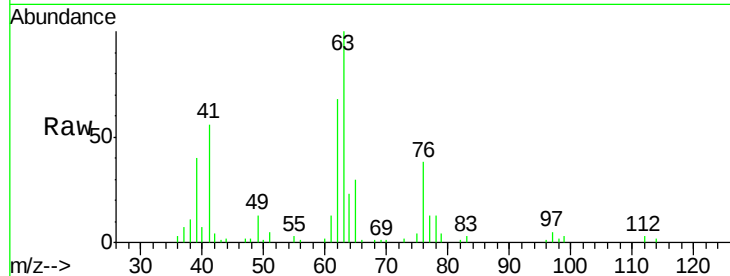
VN0721WBSD01

Tot Ion: 63 Resp: 58477

Ion Ratio Lower Upper

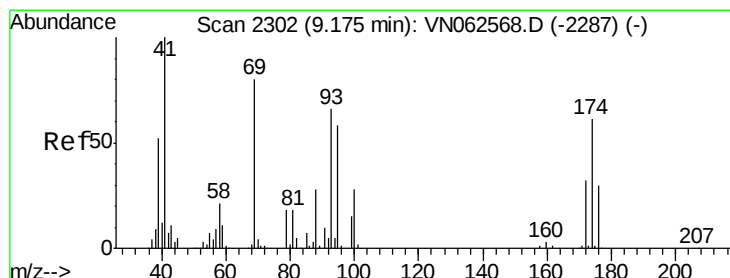
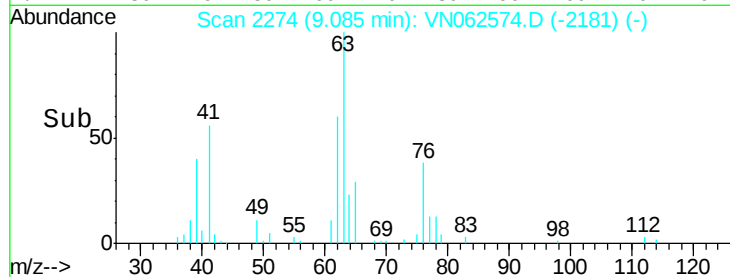
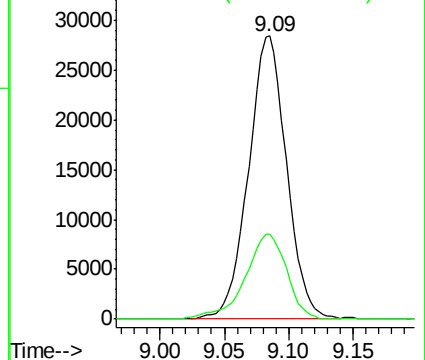
63 100

65 30.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.749 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

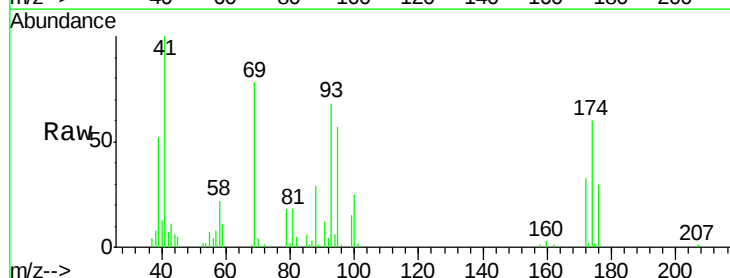
Tgt Ion: 93 Resp: 33942

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

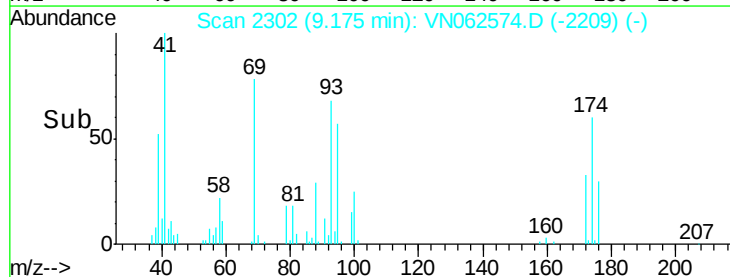
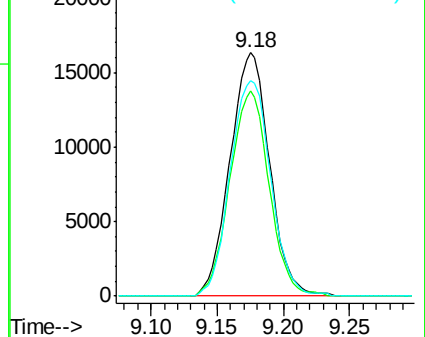
174 90.2 72.5 108.7

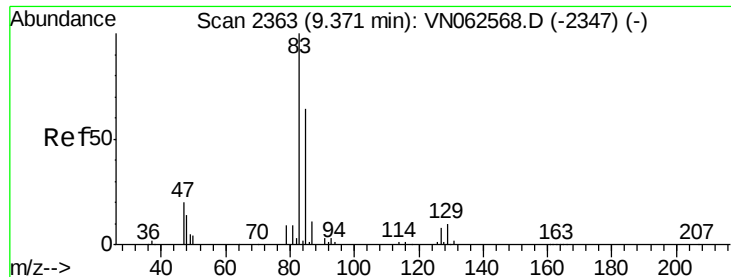


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.337 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

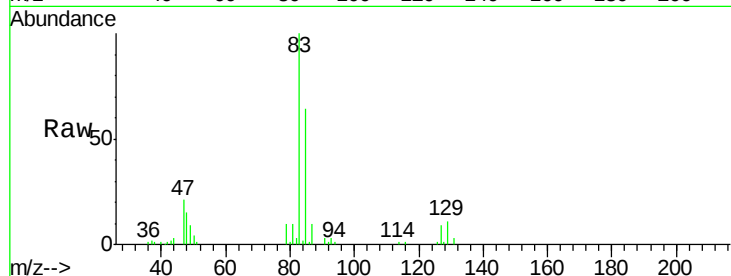
Tot Ion: 83 Resp: 71828

Ion Ratio Lower Upper

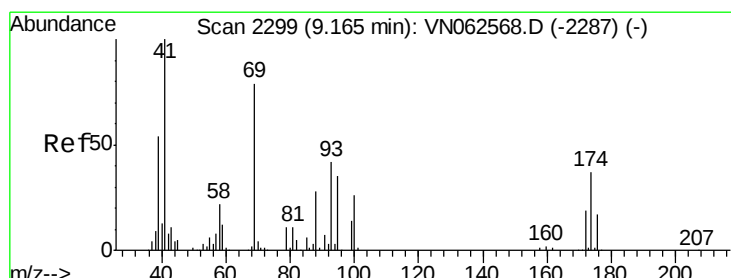
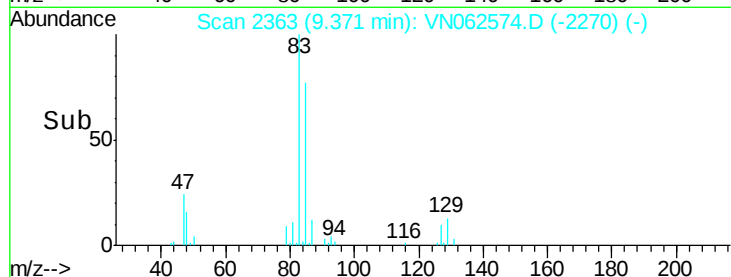
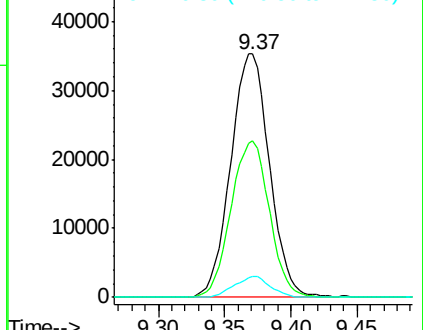
83 100

85 64.4 51.6 77.4

127 8.6 6.2 9.2



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



#48

Methyl methacrylate

Concen: 17.960 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

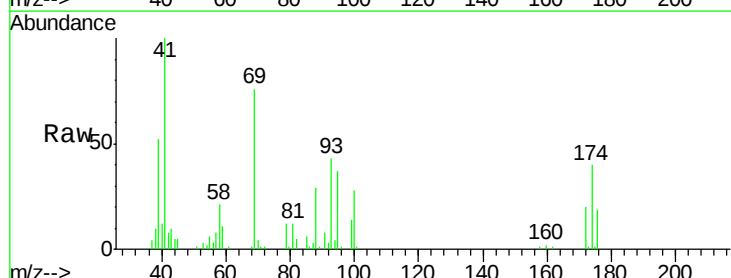
Tgt Ion: 41 Resp: 57750

Ion Ratio Lower Upper

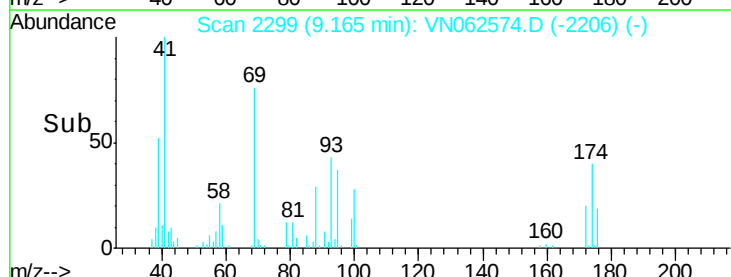
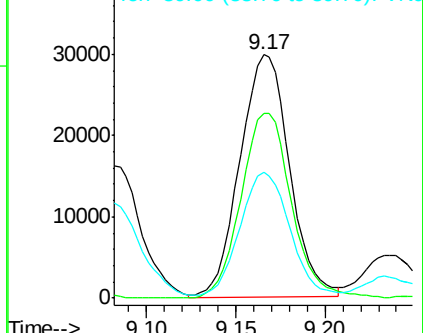
41 100

69 77.8 64.4 96.6

39 52.2 43.5 65.3



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

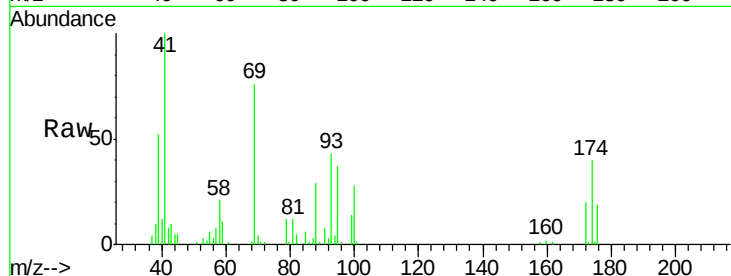




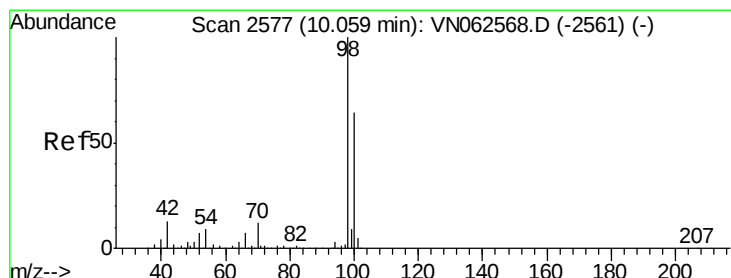
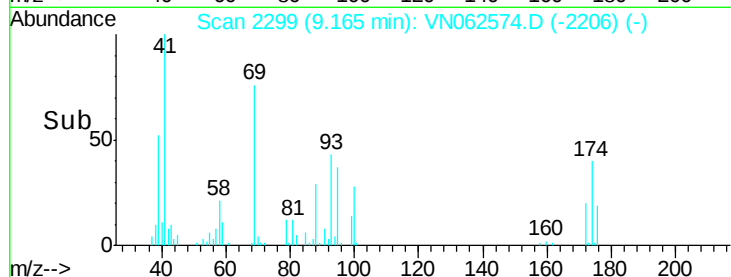
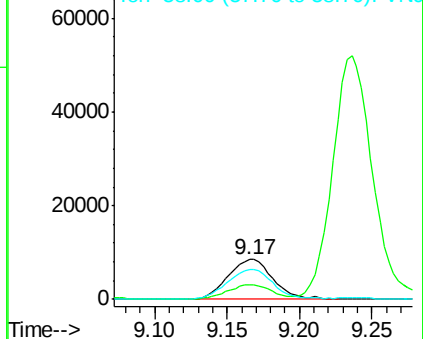
#49
1,4-Dioxane
Concen: 370.041 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

Tot Ion: 88 Resp: 18275
Ion Ratio Lower Upper
88 100
43 37.1 32.0 48.0
58 77.7 62.8 94.2

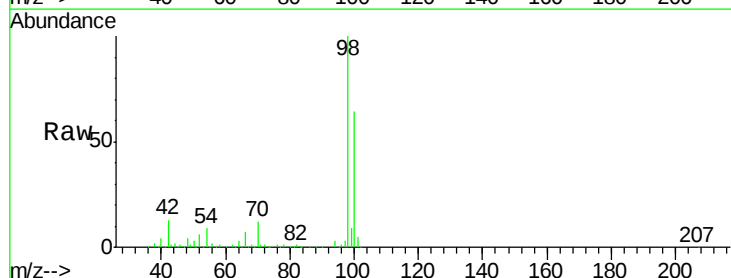


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

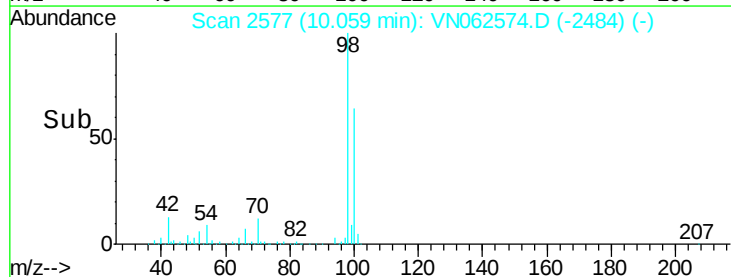
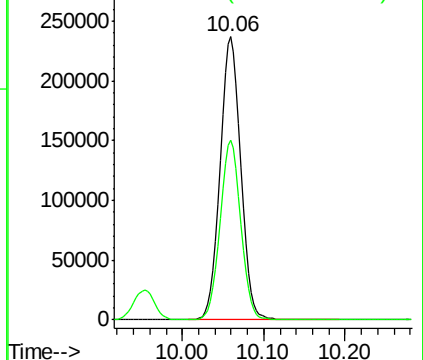


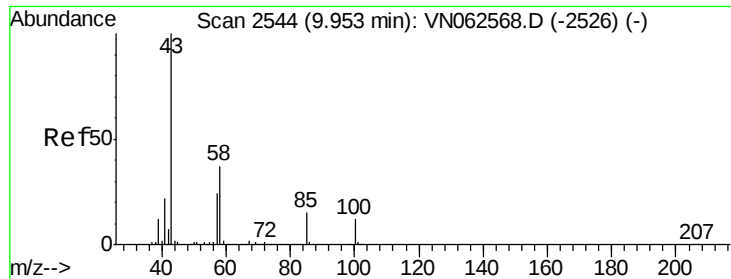
#50
Toluene-d8
Concen: 44.622 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 98 Resp: 427077
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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

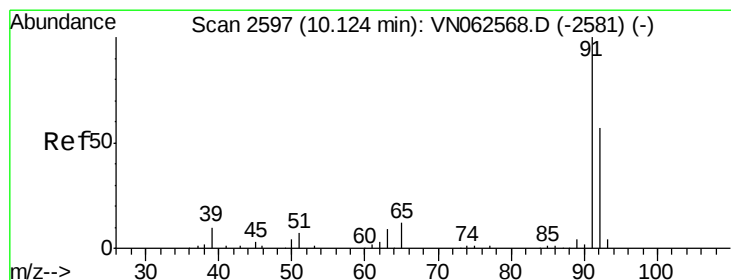
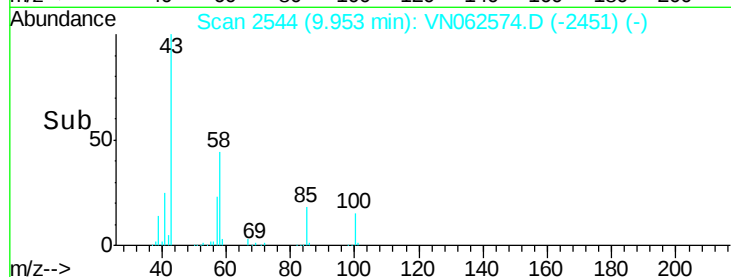
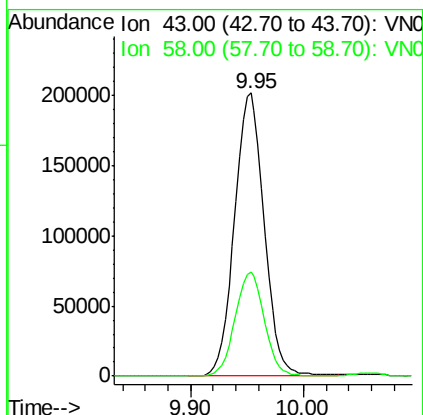
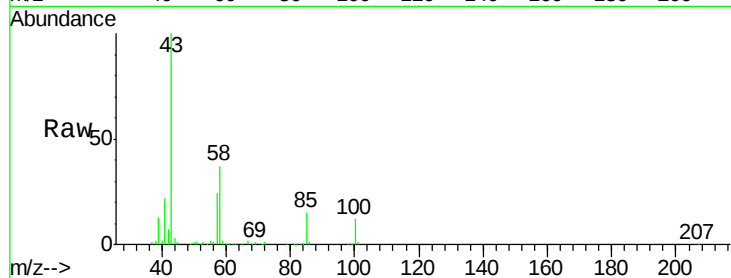




#51
 4-Methyl-2-Pentanone
 Concen: 91.156 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

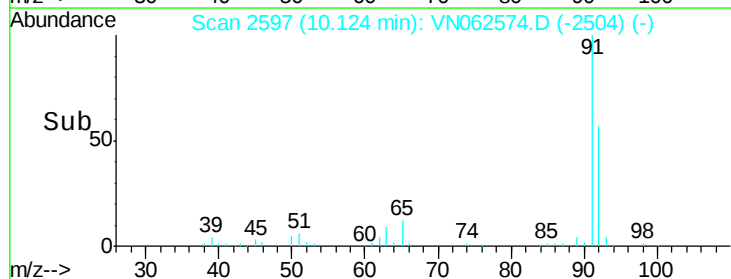
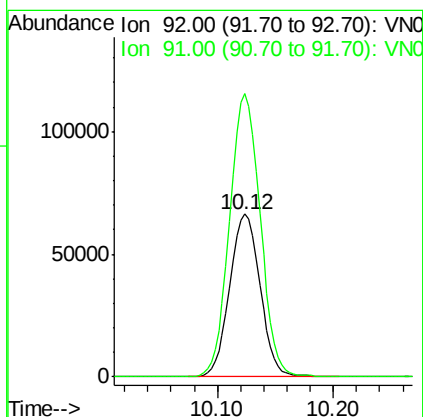
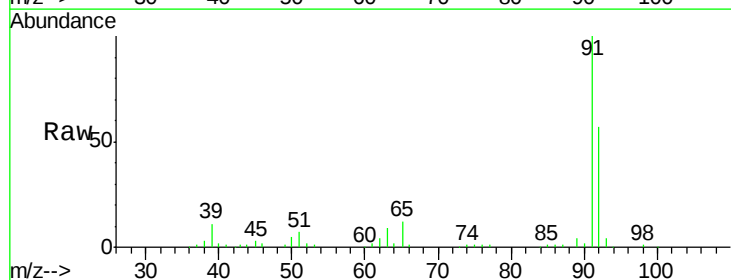
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

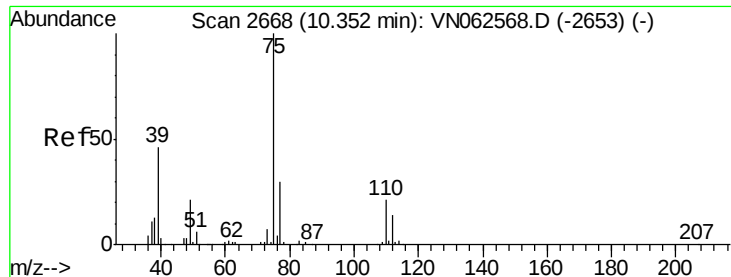
Tot Ion: 43 Resp: 368938
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.8 44.6



#52
 Toluene
 Concen: 17.633 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 92 Resp: 120662
 Ion Ratio Lower Upper
 92 100
 91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.563 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

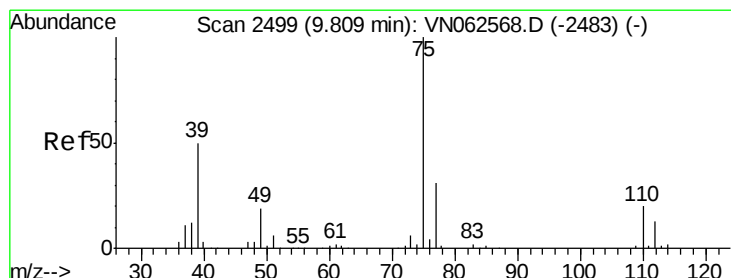
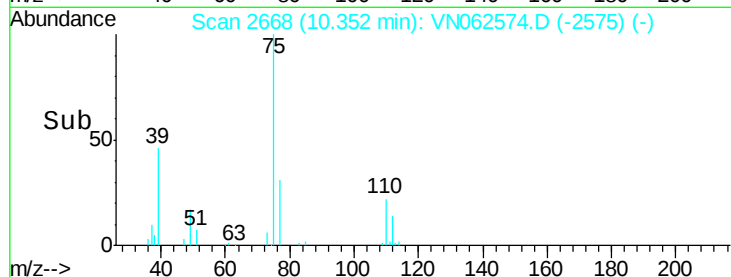
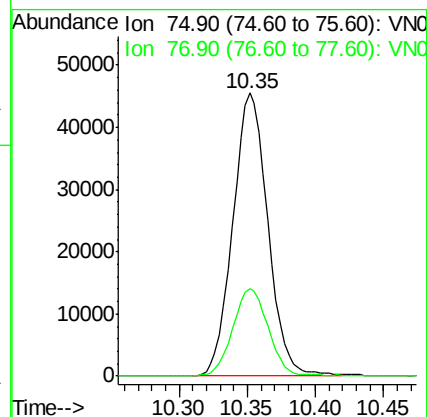
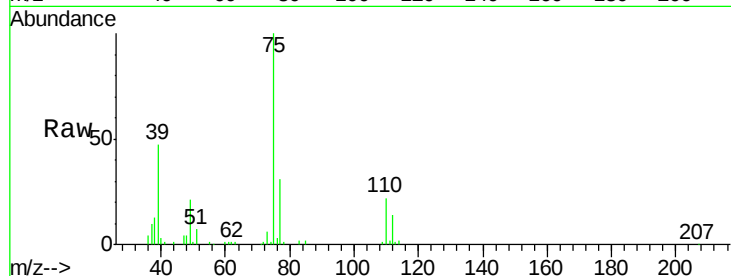
VN0721WBSD01

Tot Ion: 75 Resp: 81004

Ion Ratio Lower Upper

75 100

77 31.0 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 17.593 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

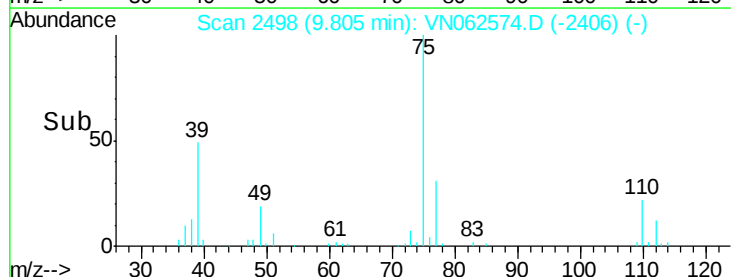
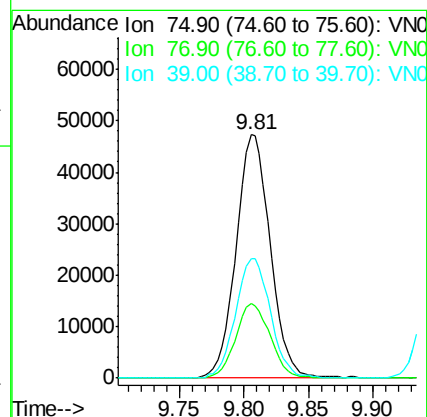
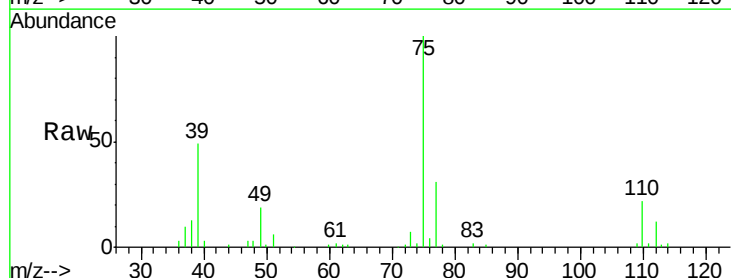
Tgt Ion: 75 Resp: 87070

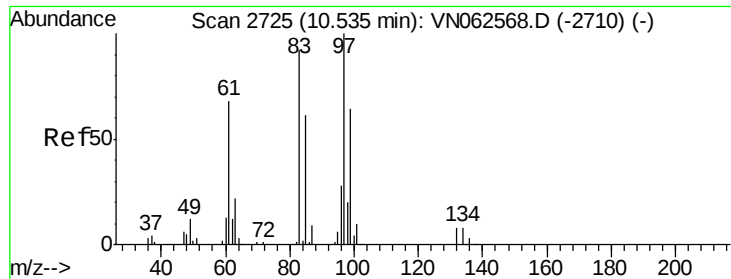
Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.6

39 49.1 39.8 59.8

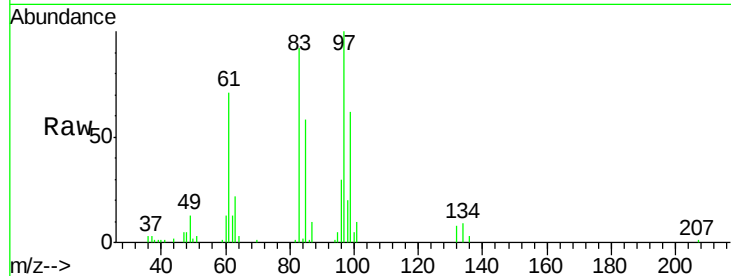




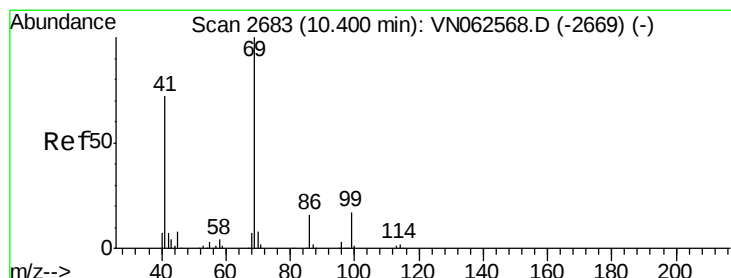
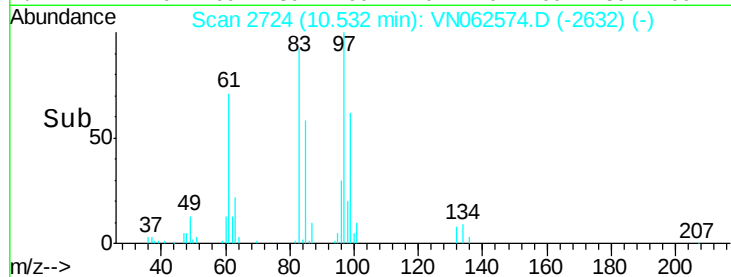
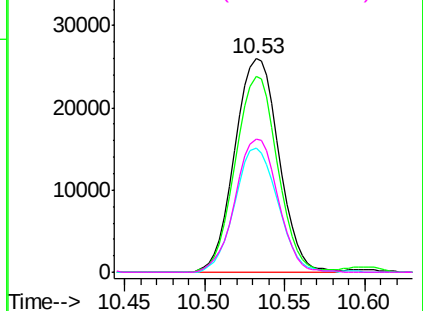
#55
 1,1,2-Trichloroethane
 Concen: 18.422 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tot Ion: 97 Resp: 48899
 Ion Ratio Lower Upper
 97 100
 83 91.7 73.7 110.5
 85 58.4 48.5 72.7
 99 62.4 50.8 76.2

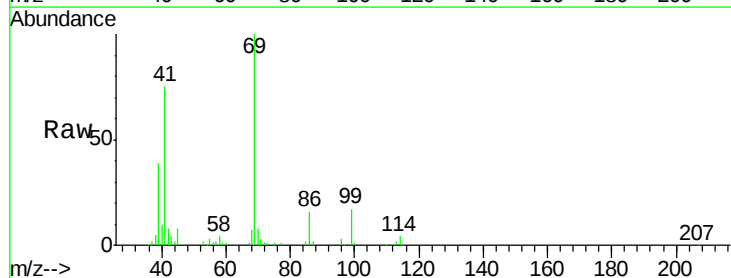


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

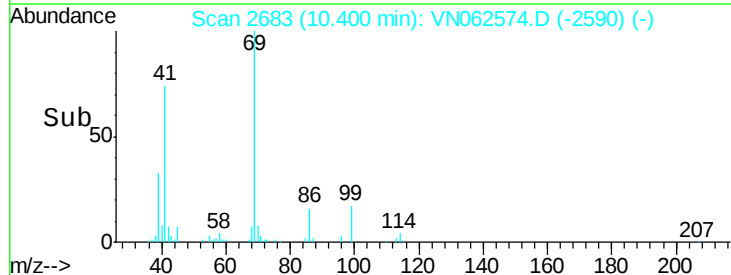
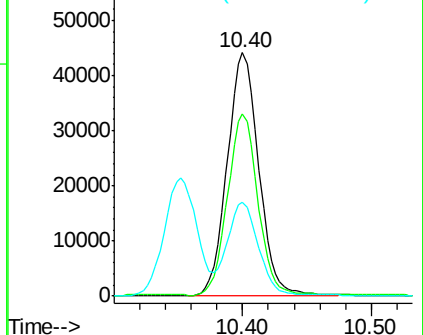


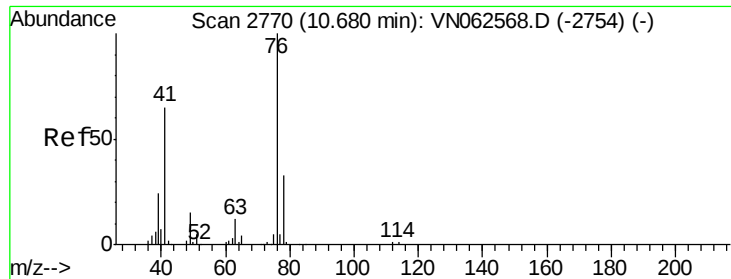
#56
 Ethyl methacrylate
 Concen: 17.002 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 69 Resp: 75266
 Ion Ratio Lower Upper
 69 100
 41 71.8 57.2 85.8
 39 37.2 28.6 43.0



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

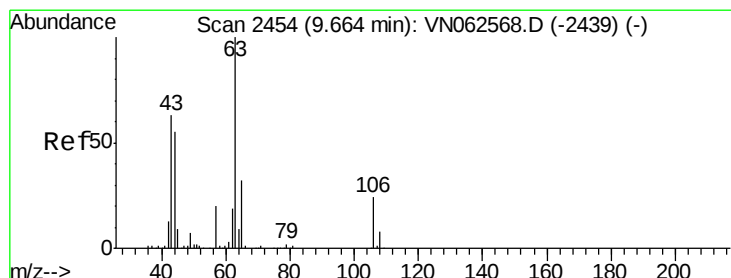
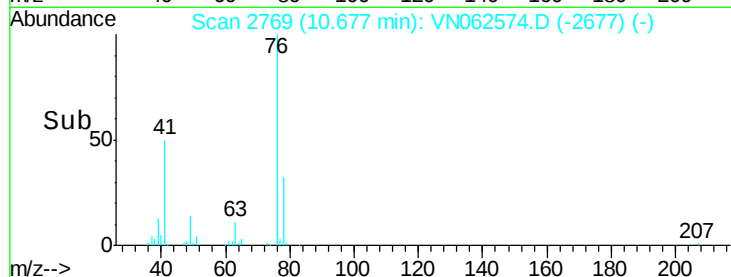
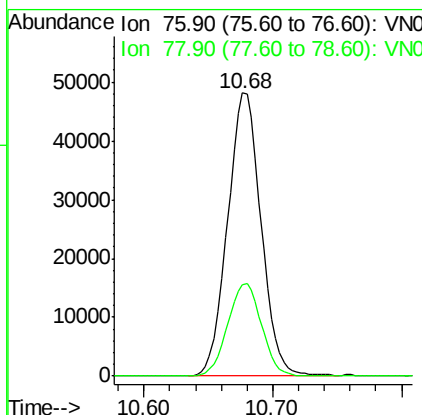
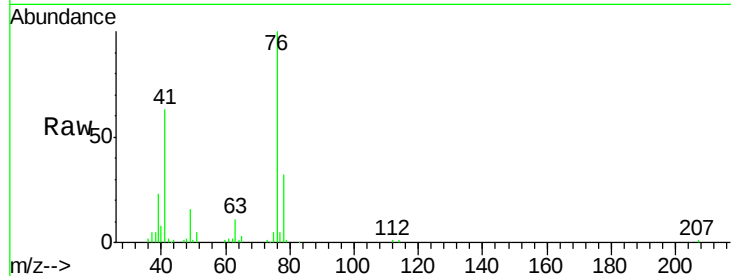




#57
 1,3-Dichloropropane
 Concen: 17.858 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

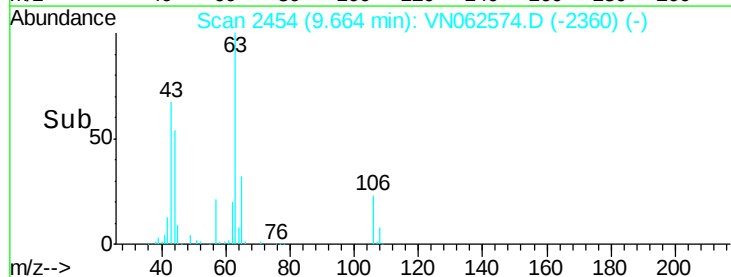
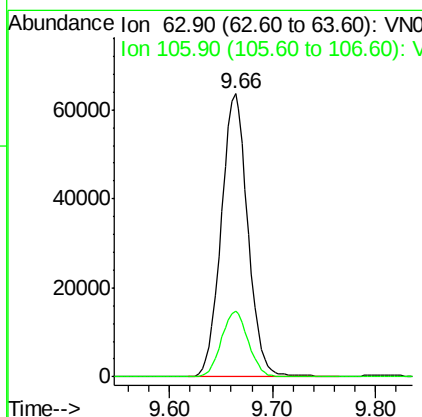
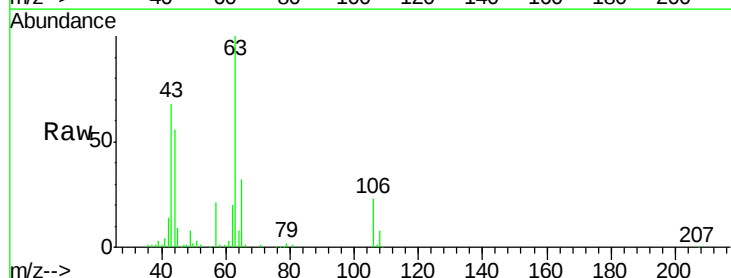
Instrument :
 MSVOA_N
 ClientSampled :
 VN0721WBSD01

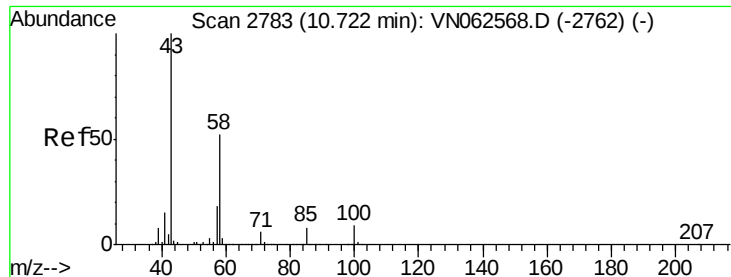
Tot Ion: 76 Resp: 86839
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.860 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 63 Resp: 114160
 Ion Ratio Lower Upper
 63 100
 106 23.2 18.9 28.3

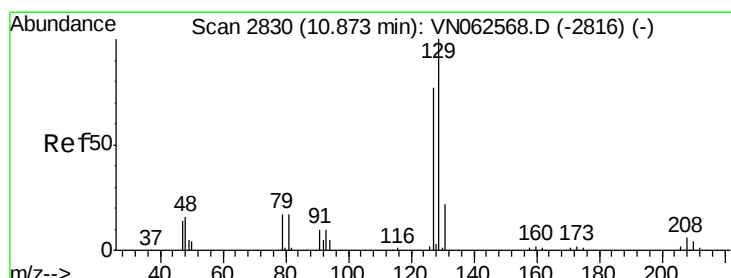
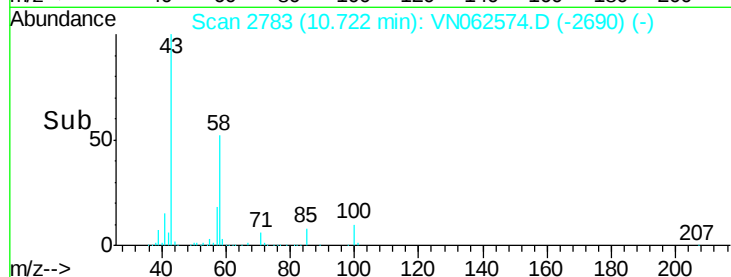
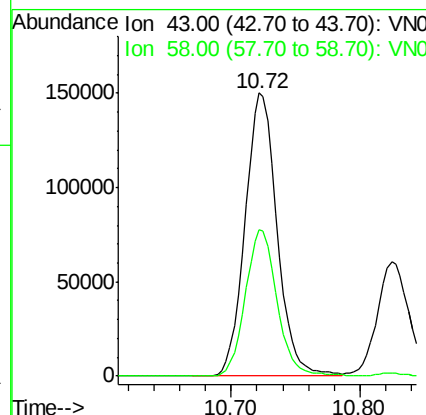
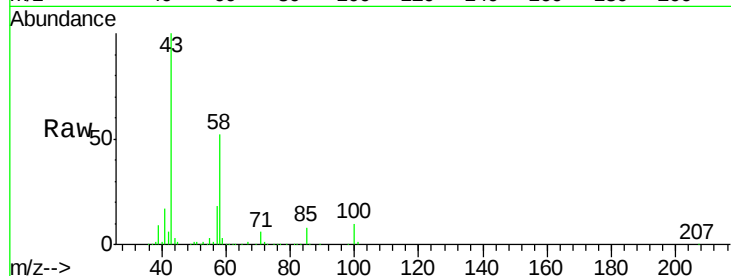




#59
2-Hexanone
Concen: 84.827 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

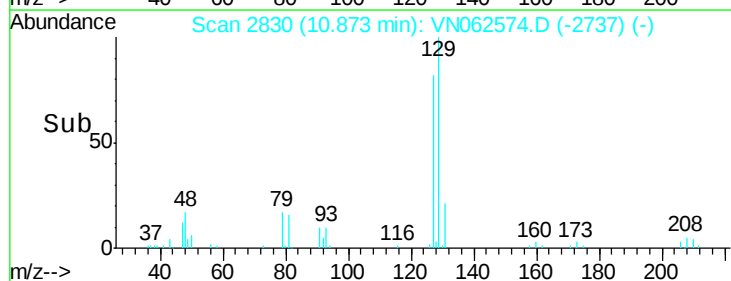
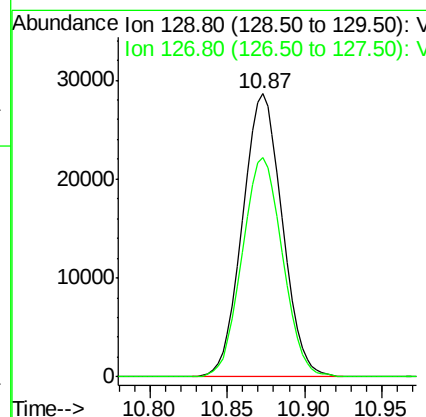
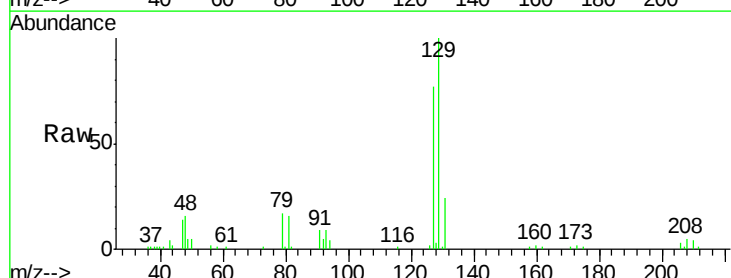
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

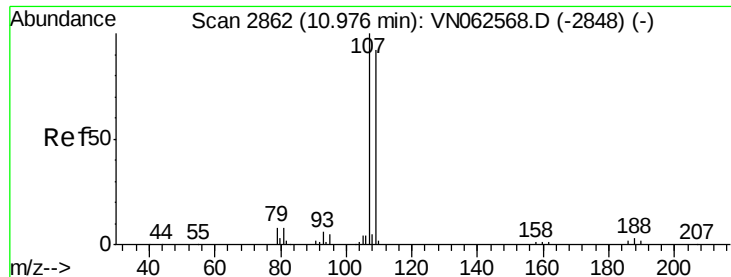
Tot Ion: 43 Resp: 259322
Ion Ratio Lower Upper
43 100
58 51.1 26.0 78.0



#60
Dibromochloromethane
Concen: 17.278 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 129 Resp: 51163
Ion Ratio Lower Upper
129 100
127 78.6 38.0 113.9

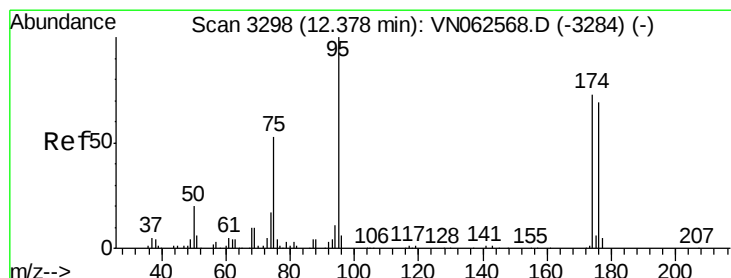
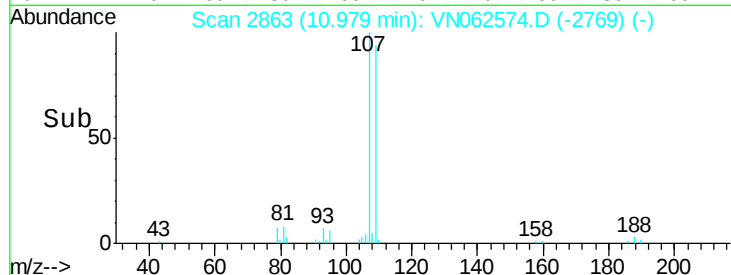
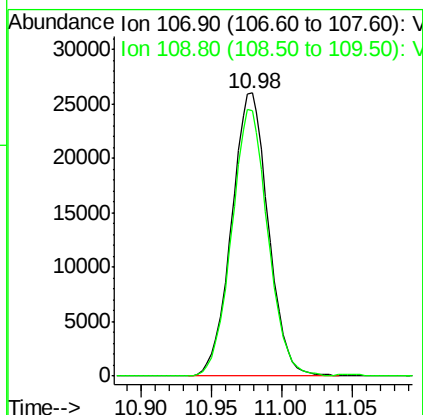
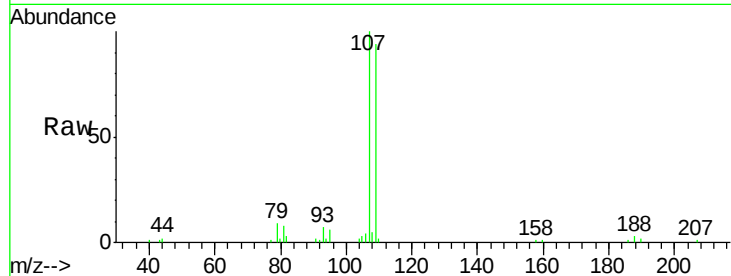




#61
 1,2-Dibromoethane
 Concen: 17.153 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

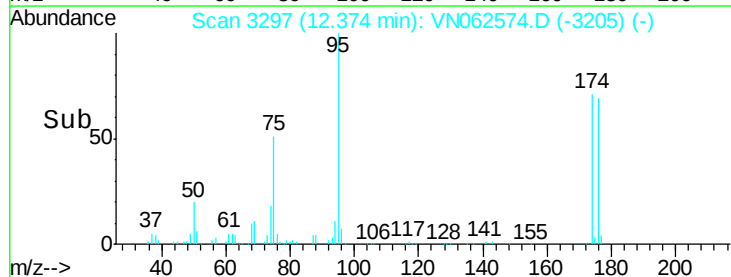
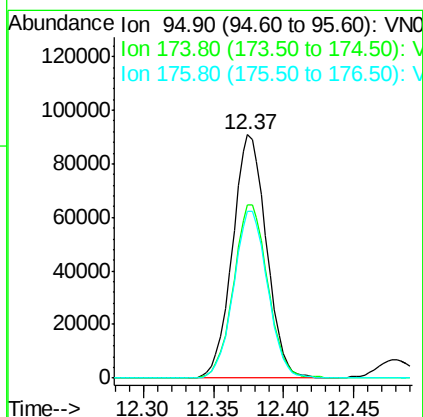
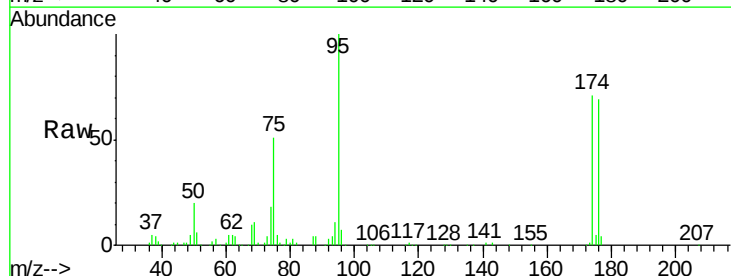
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

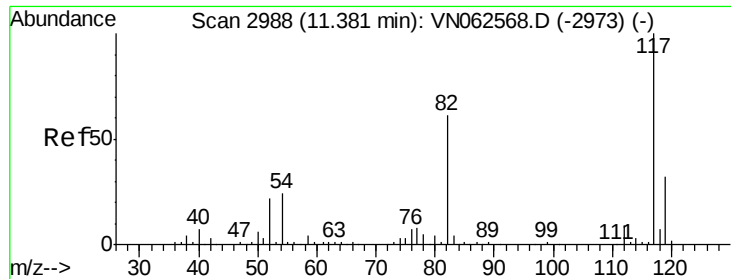
Tot Ion: 107 Resp: 47411
 Ion Ratio Lower Upper
 107 100
 109 93.2 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 43.762 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 95 Resp: 153149
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 144.6
 176 68.9 0.0 139.4

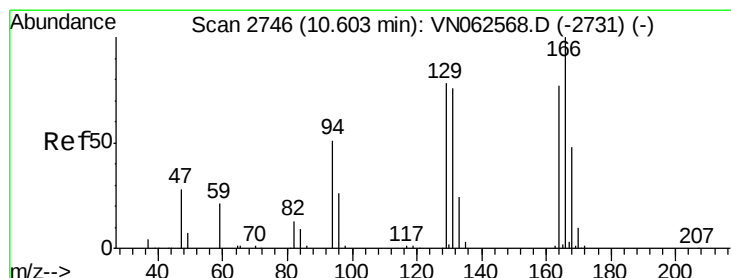
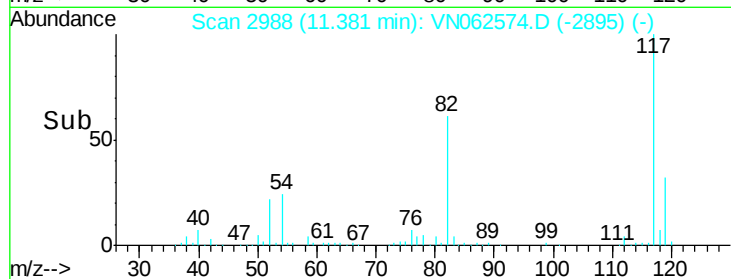
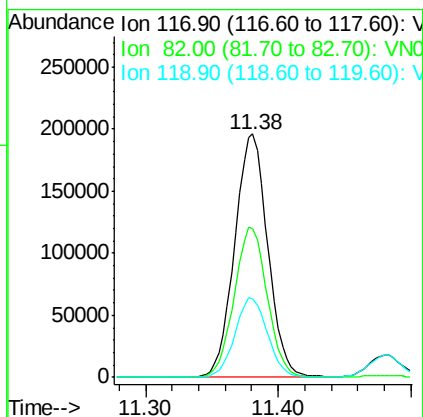
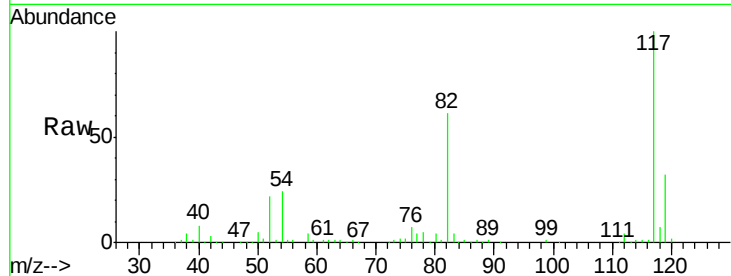




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

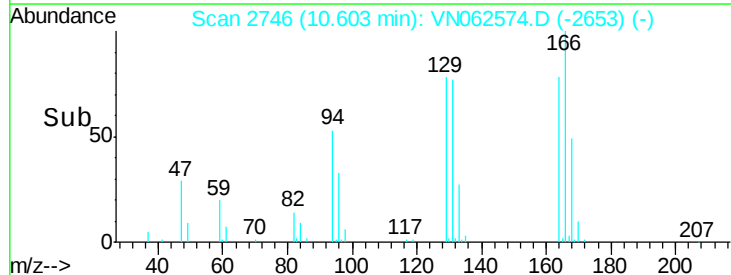
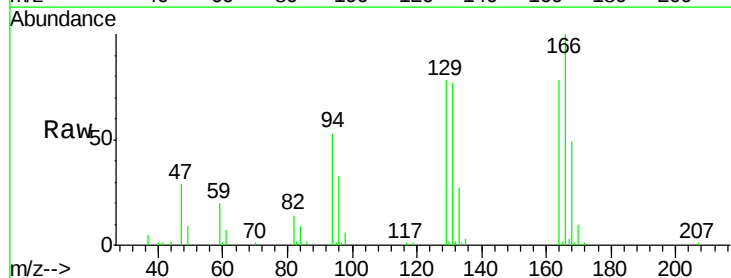
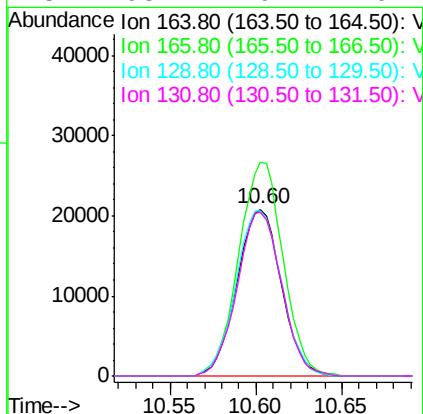
Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

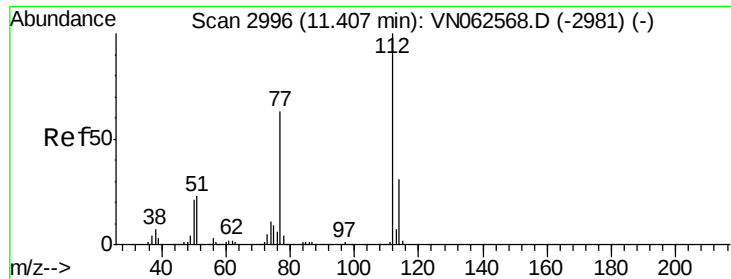
Tot Ion:117 Resp: 340059
Ion Ratio Lower Upper
117 100
82 61.1 49.0 73.6
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 16.963 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion:164 Resp: 37478
Ion Ratio Lower Upper
164 100
166 128.4 104.4 156.6
129 99.6 81.0 121.4
131 98.7 79.4 119.2





#65

Chlorobenzene

Concen: 17.296 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

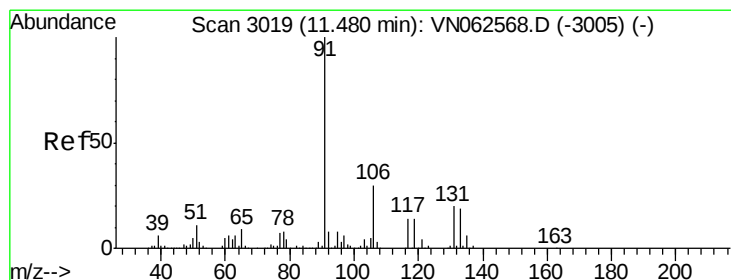
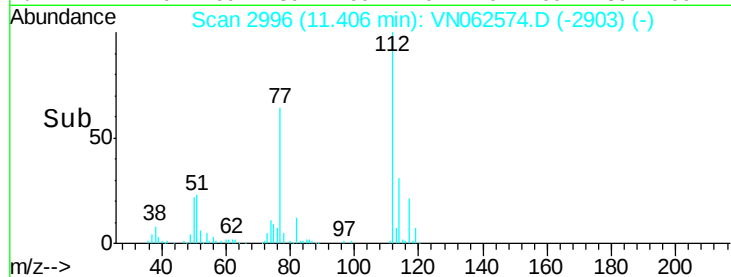
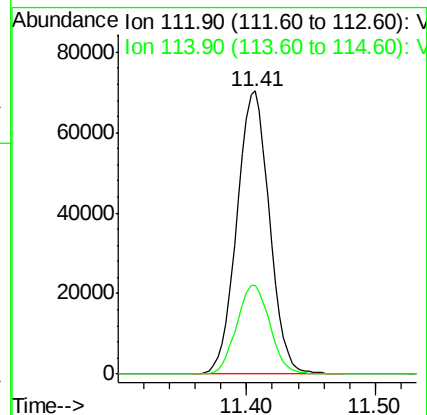
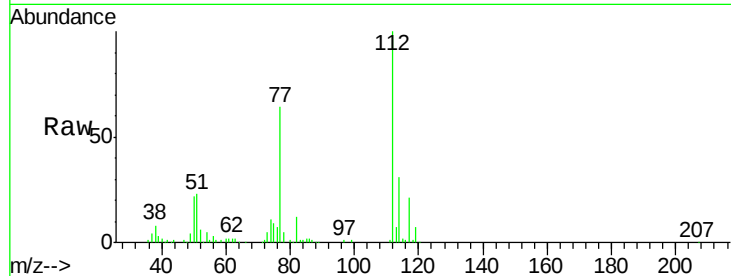
VN0721WBSD01

Tot Ion:112 Resp: 123308

Ion Ratio Lower Upper

112 100

114 31.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 17.140 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

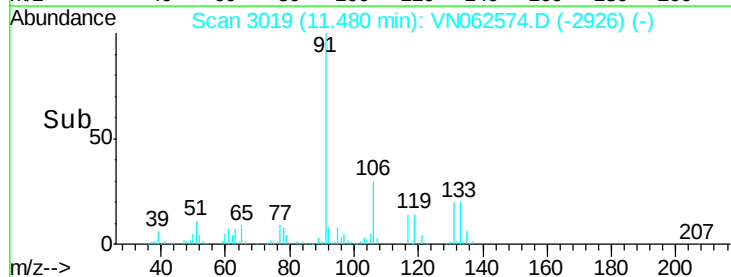
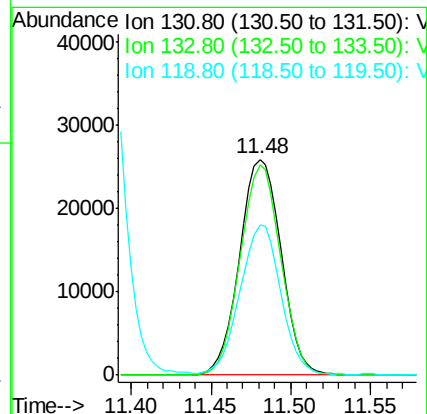
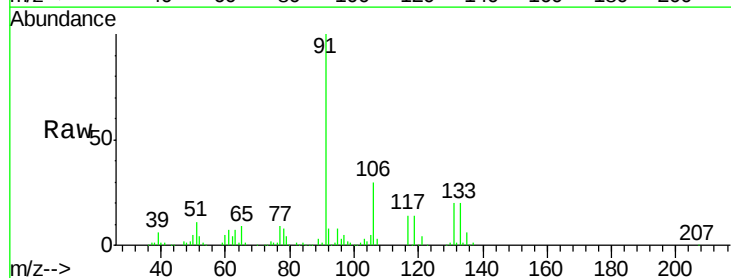
Tgt Ion:131 Resp: 45968

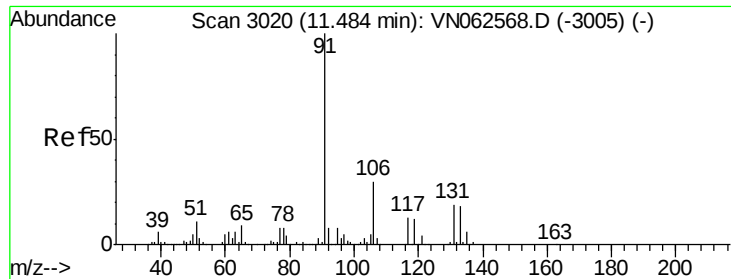
Ion Ratio Lower Upper

131 100

133 94.9 47.3 142.0

119 68.6 33.7 101.0

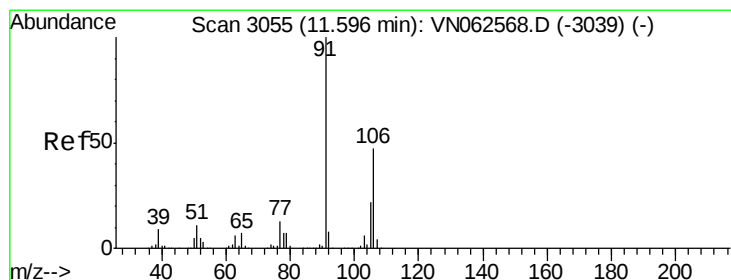
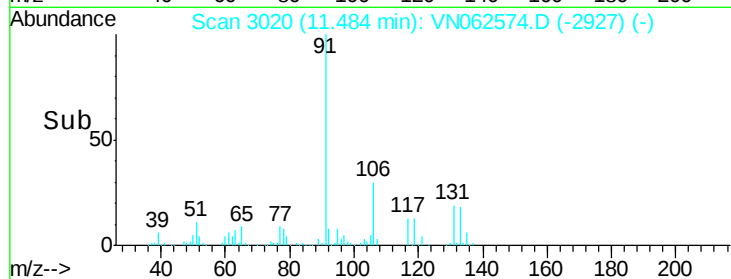
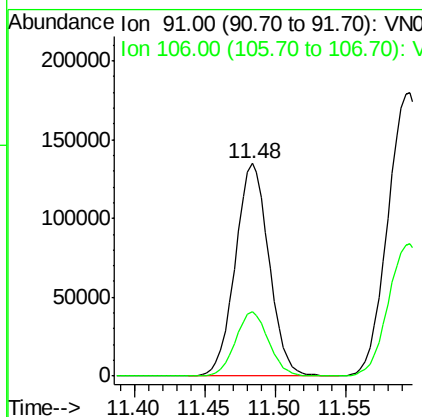
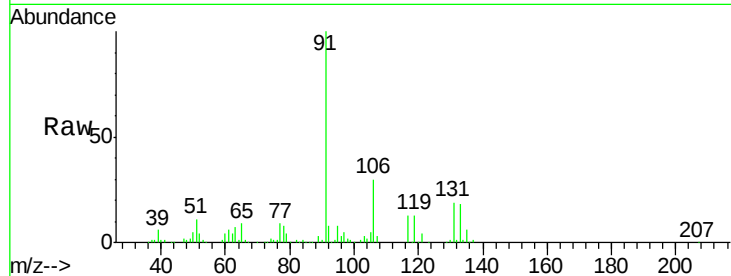




#67
Ethyl Benzene
Concen: 17.306 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

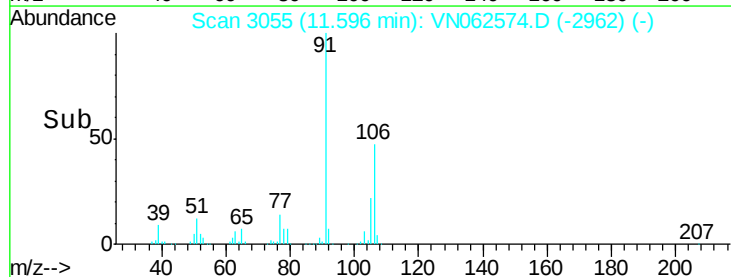
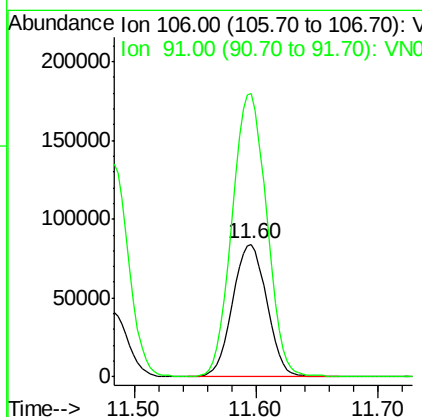
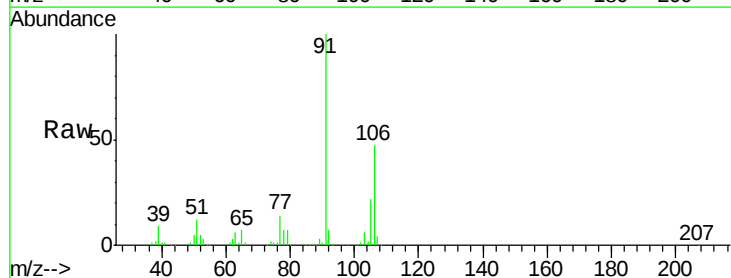
Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

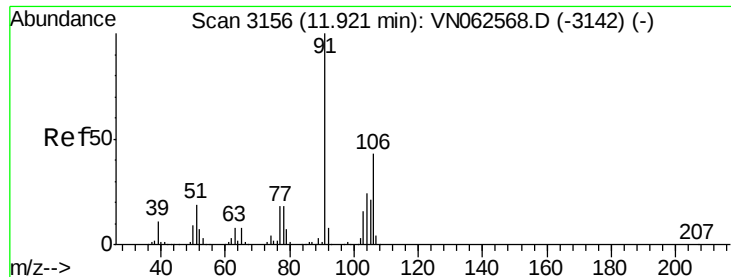
Tot Ion: 91 Resp: 226216
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 34.895 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 106 Resp: 163945
Ion Ratio Lower Upper
106 100
91 215.0 171.4 257.2

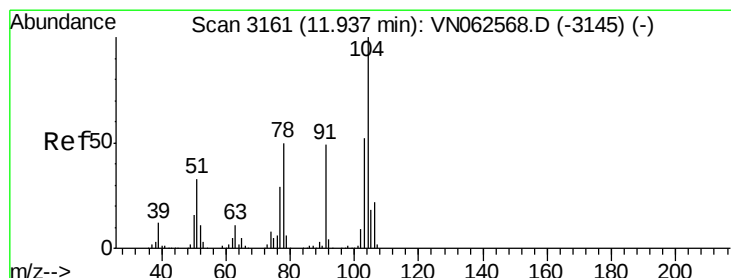
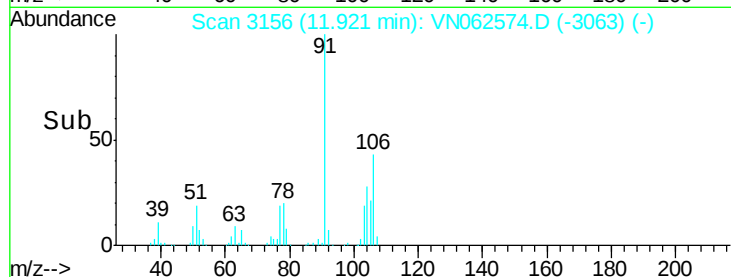
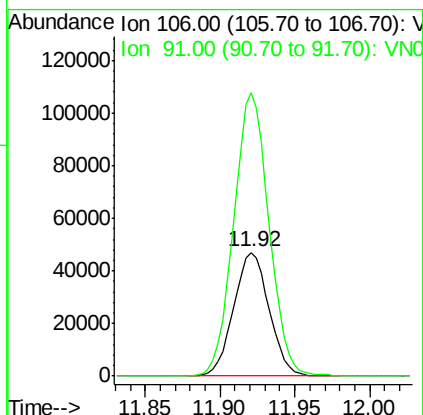
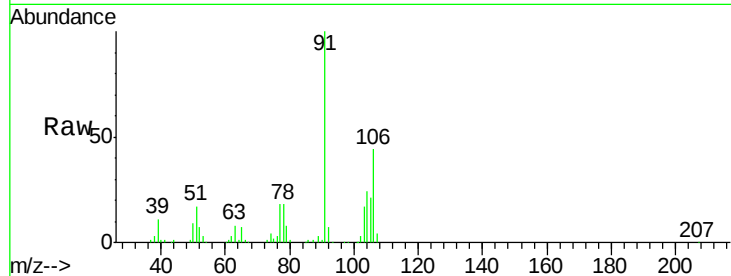




#69
o-Xylene
Concen: 17.391 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

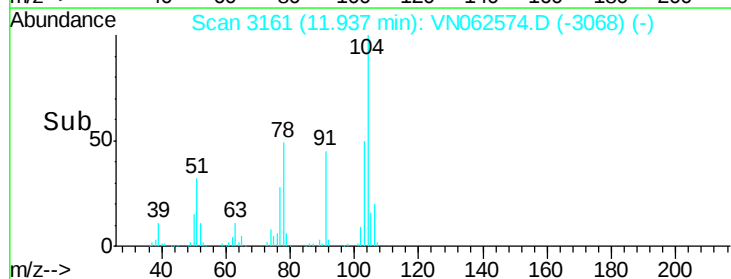
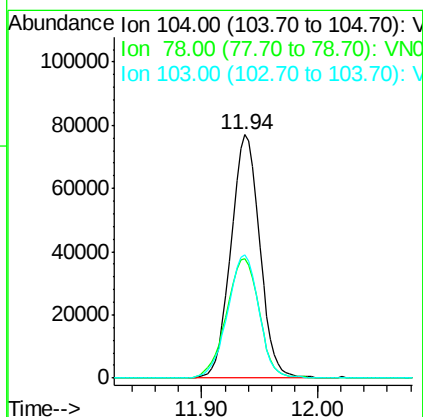
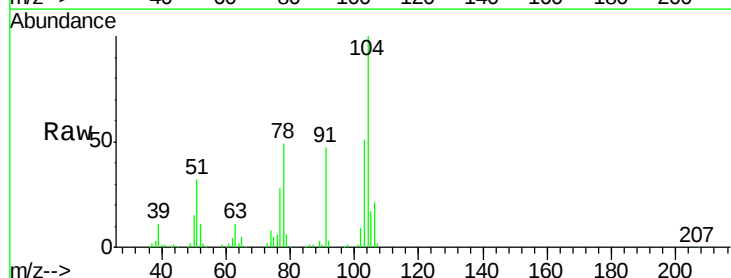
Instrument :
MSVOA_N
ClientSampled :
VN0721WBSD01

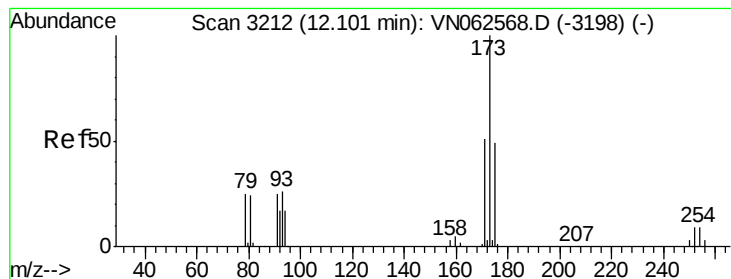
Tot Ion:106 Resp: 77589
Ion Ratio Lower Upper
106 100
91 228.1 113.8 341.2



#70
Styrene
Concen: 17.554 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion:104 Resp: 132298
Ion Ratio Lower Upper
104 100
78 55.7 43.8 65.6
103 55.0 44.0 66.0





#71

Bromoform

Concen: 17.005 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

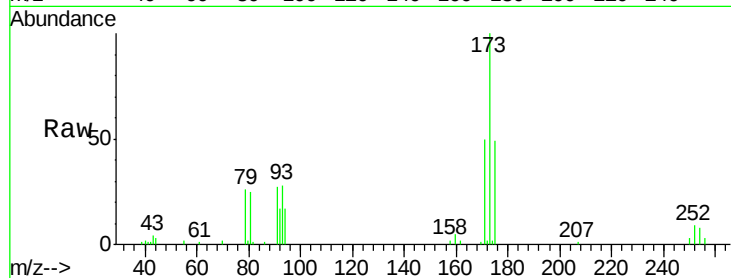
Tot Ion:173 Resp: 34242

Ion Ratio Lower Upper

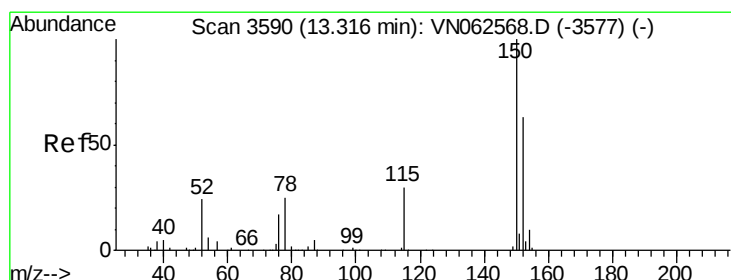
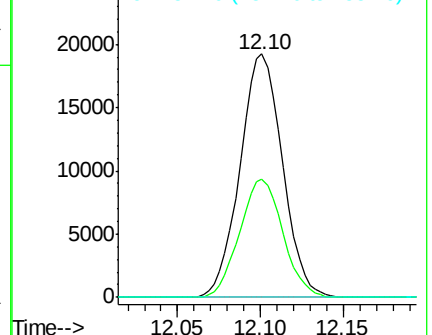
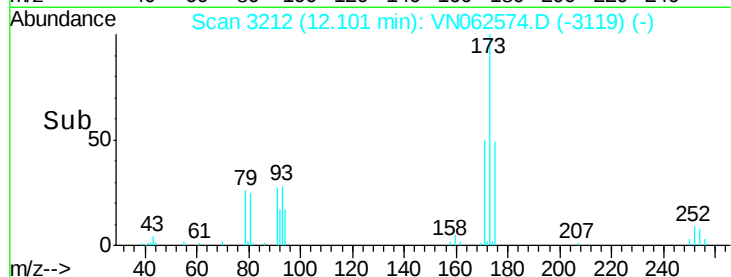
173 100

175 49.3 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: VN062574.D

Acq: 21 Jul 2020 16:27

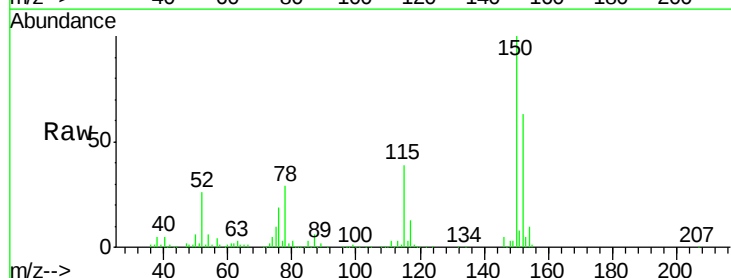
Tgt Ion:152 Resp: 151261

Ion Ratio Lower Upper

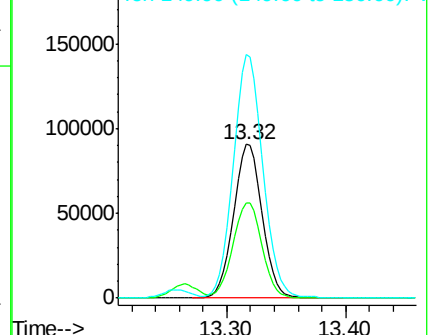
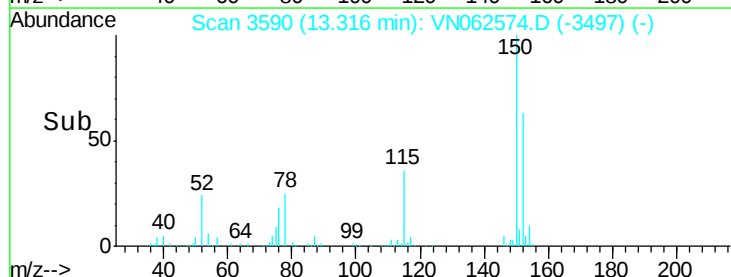
152 100

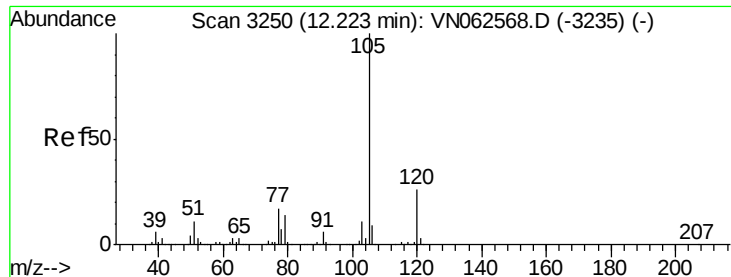
115 62.6 31.8 95.4

150 162.9 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: 17.841 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

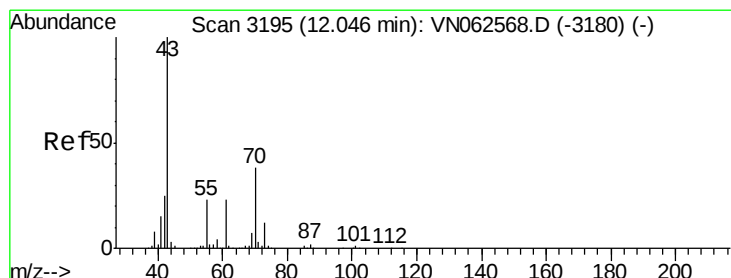
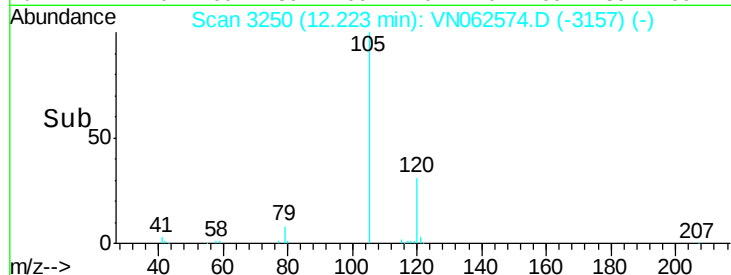
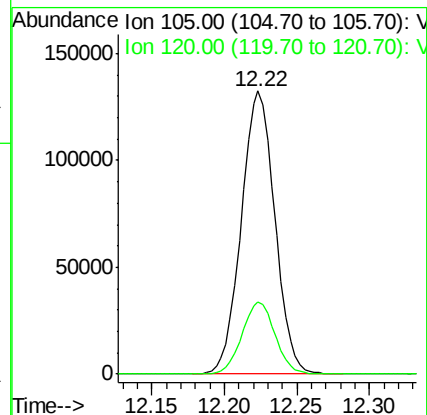
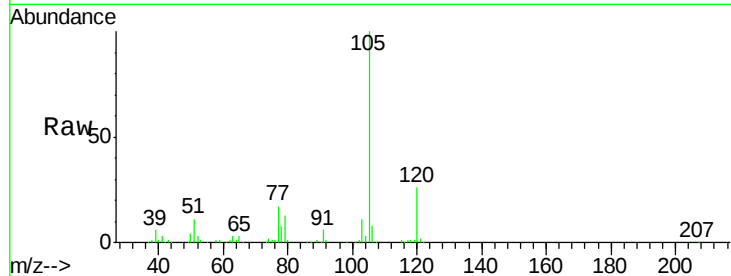
VN0721WBSD01

Tot Ion:105 Resp: 213390

Ion Ratio Lower Upper

105 100

120 25.1 12.8 38.4



#74

N-ethyl acetate

Concen: 18.164 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 97018

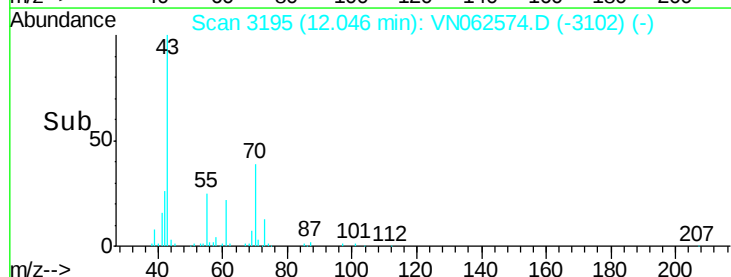
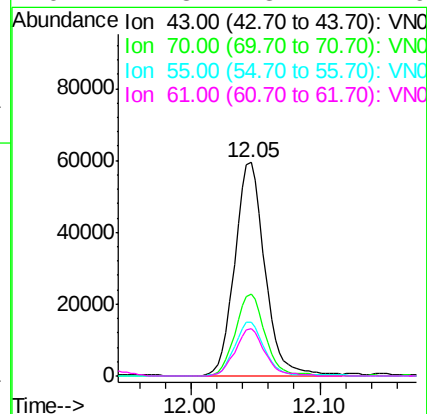
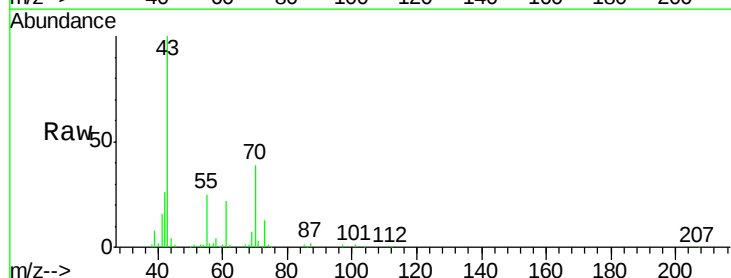
Ion Ratio Lower Upper

43 100

70 38.2 30.5 45.7

55 24.8 19.0 28.6

61 21.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 16.967 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

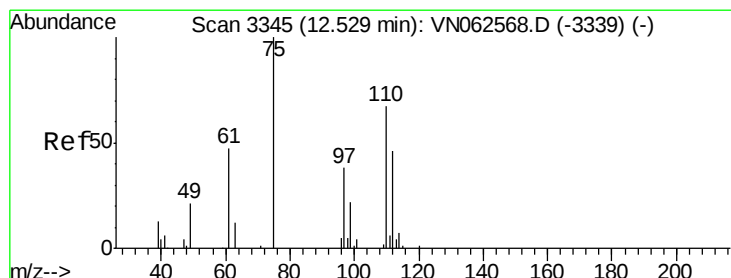
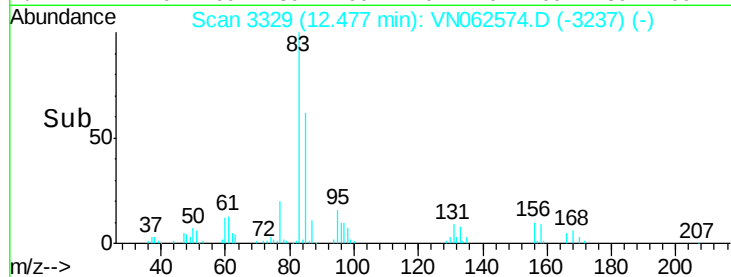
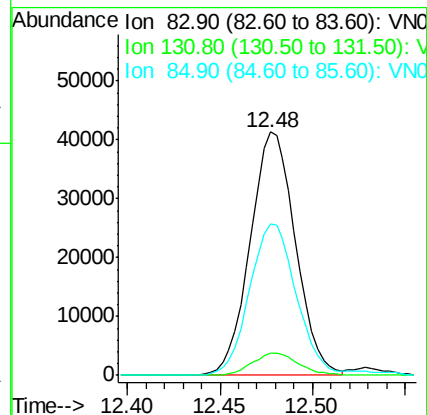
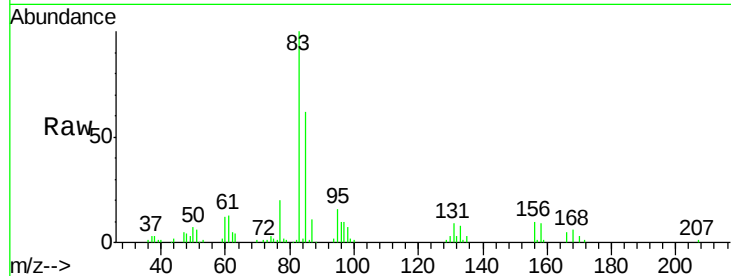
Tot Ion: 83 Resp: 70520

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 65.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 23.867 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062574.D

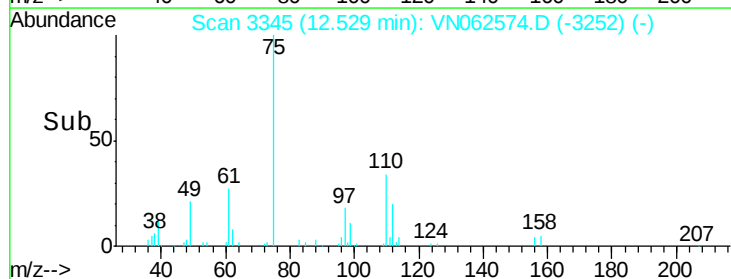
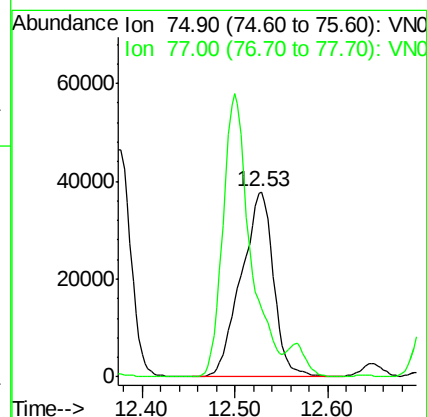
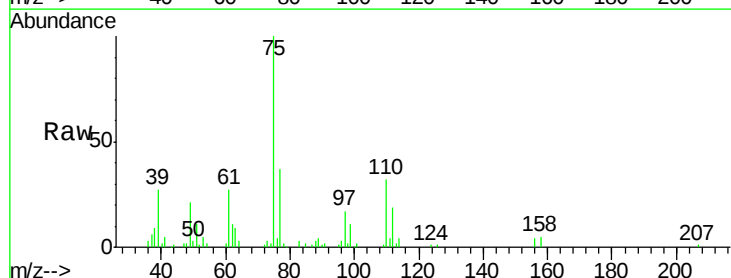
Acq: 21 Jul 2020 16:27

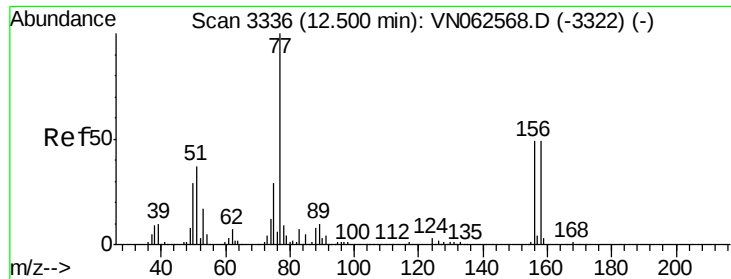
Tgt Ion: 75 Resp: 91890

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.380 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

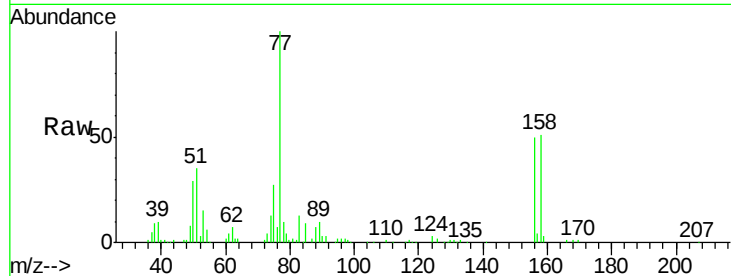
Tot Ion:156 Resp: 49954

Ion Ratio Lower Upper

156 100

77 237.6 122.8 368.3

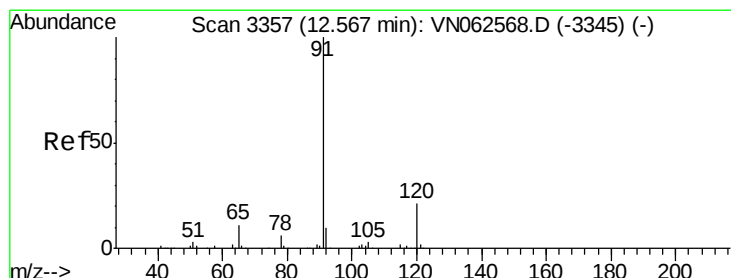
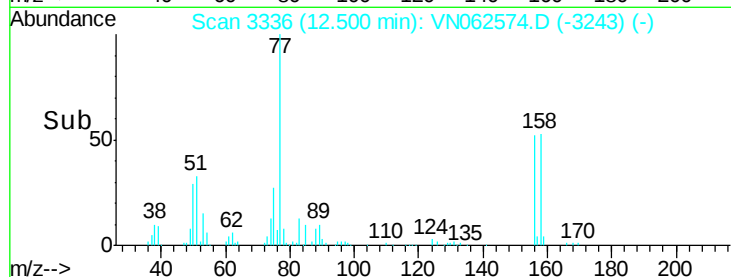
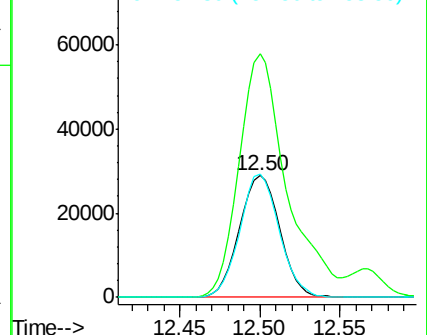
158 98.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.597 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062574.D

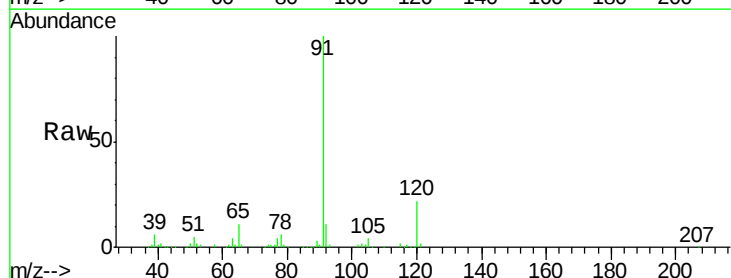
Acq: 21 Jul 2020 16:27

Tgt Ion: 91 Resp: 246534

Ion Ratio Lower Upper

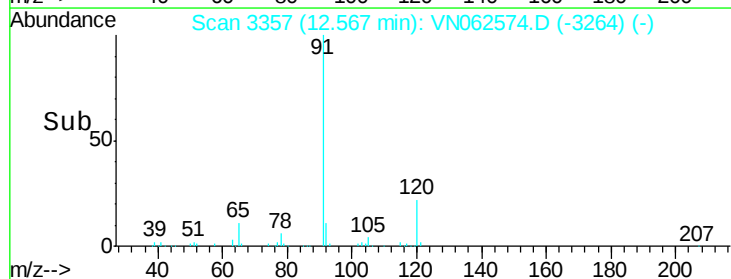
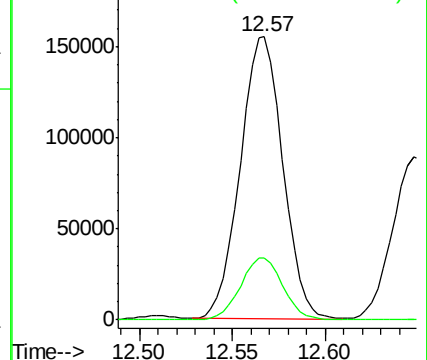
91 100

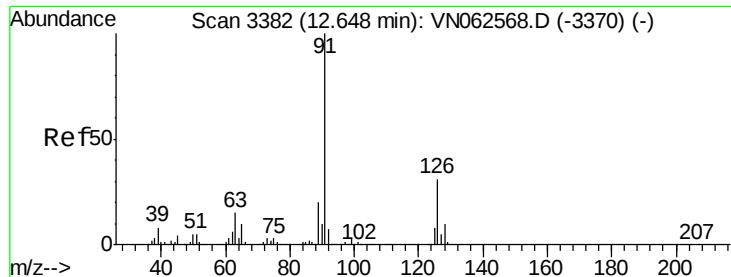
120 21.8 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

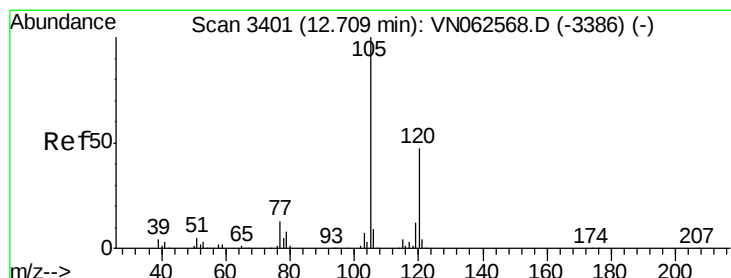
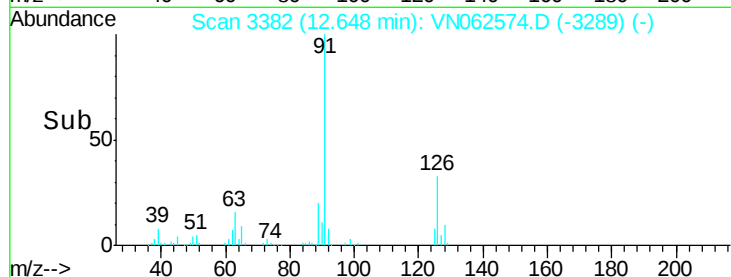
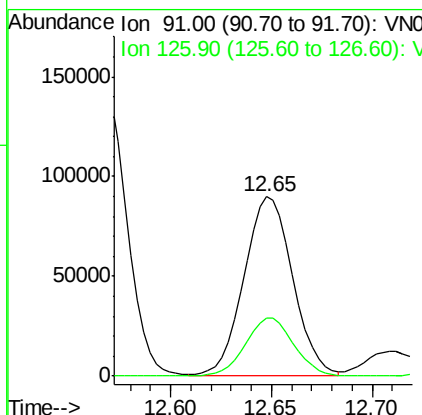
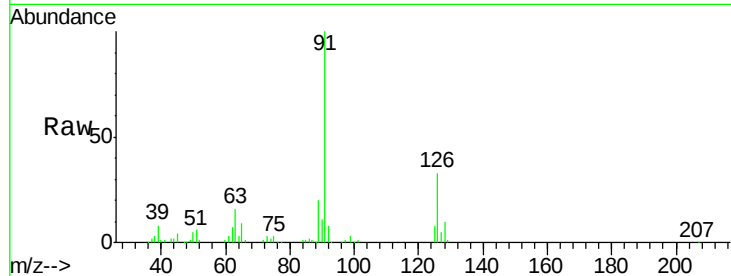




#79
 2-Chlorotoluene
 Concen: 17.491 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

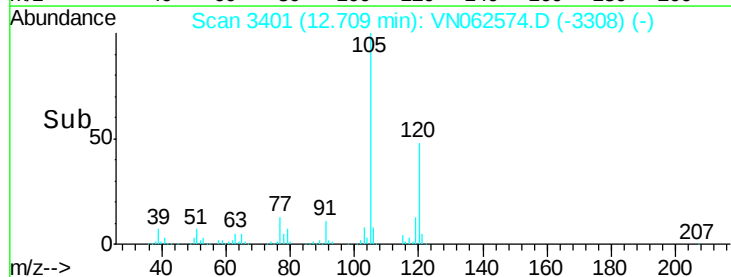
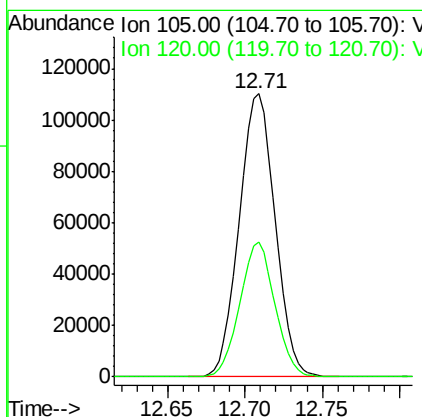
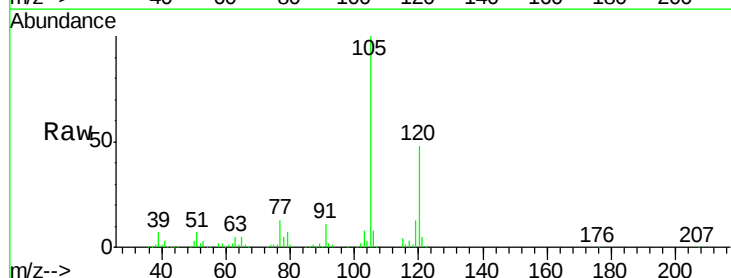
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

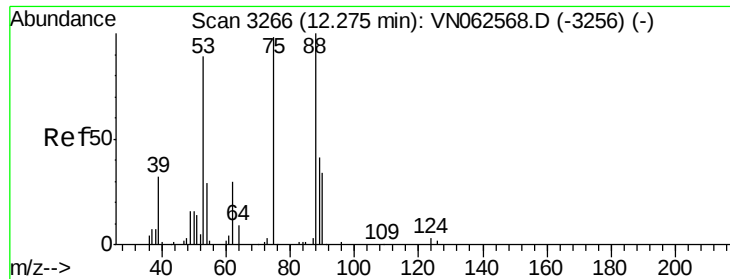
Tot Ion: 91 Resp: 151016
 Ion Ratio Lower Upper
 91 100
 126 32.4 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 17.969 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 105 Resp: 178275
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.154 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

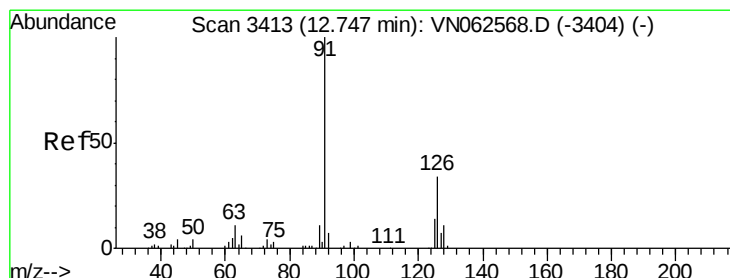
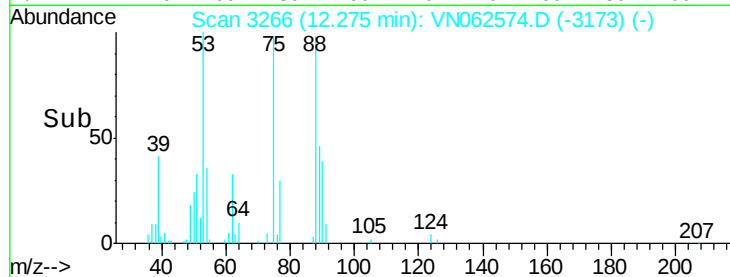
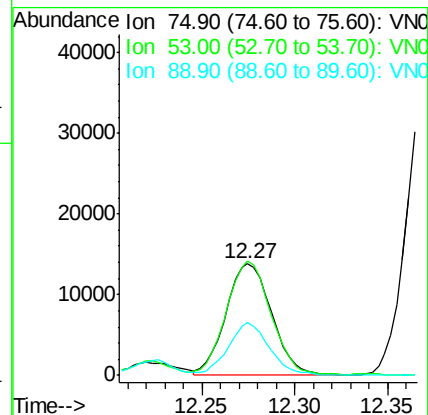
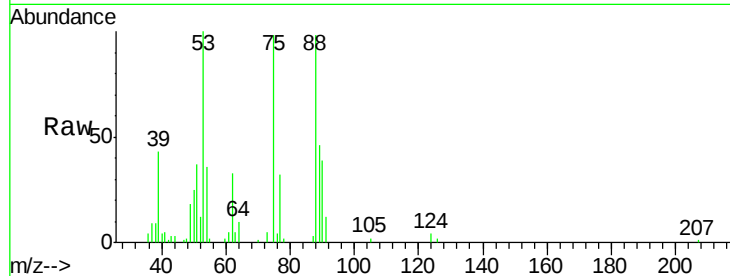
Tot Ion: 75 Resp: 23725

Ion Ratio Lower Upper

75 100

53 100.5 75.4 113.0

89 42.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 17.486 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062574.D

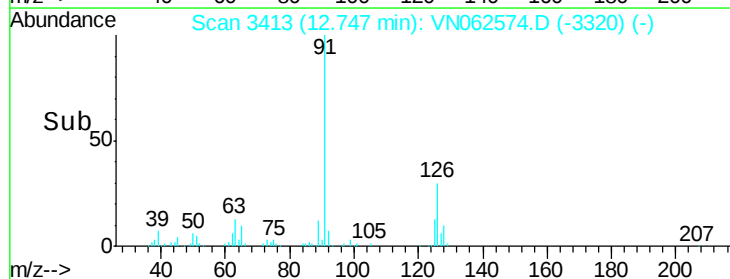
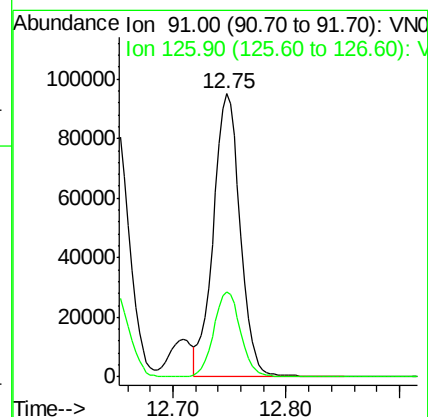
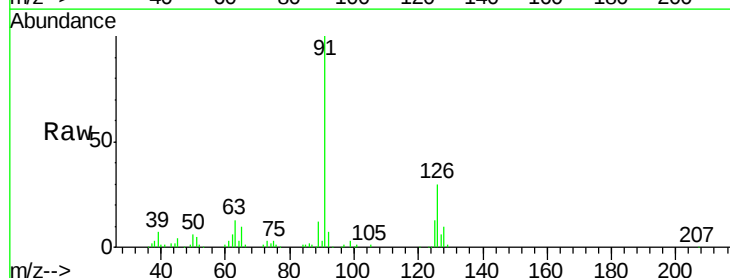
Acq: 21 Jul 2020 16:27

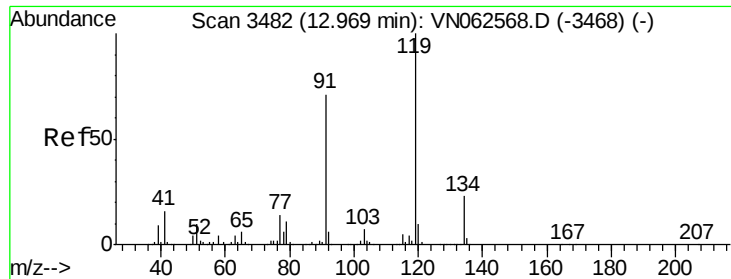
Tgt Ion: 91 Resp: 157143

Ion Ratio Lower Upper

91 100

126 30.0 15.4 46.4

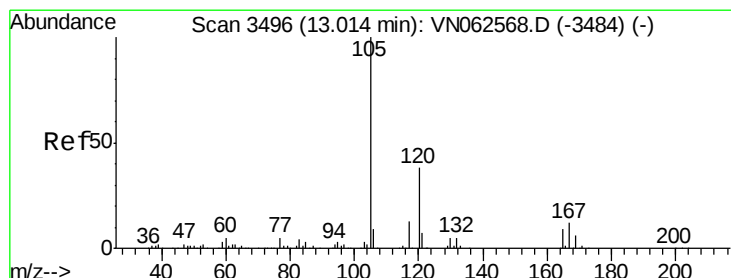
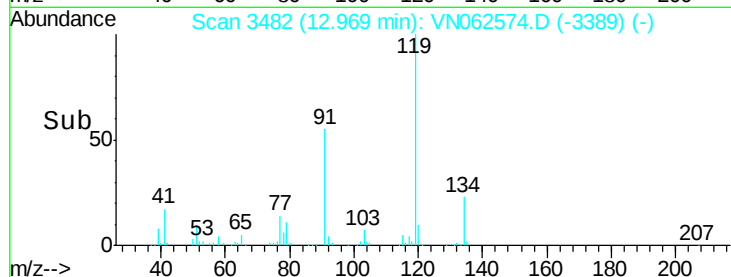
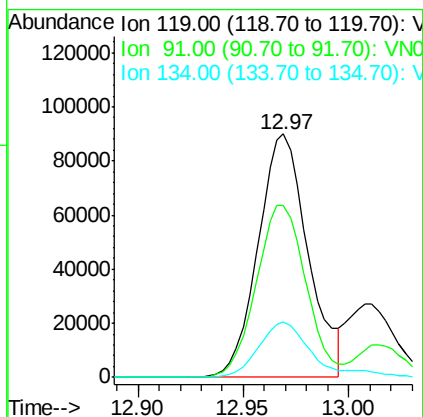
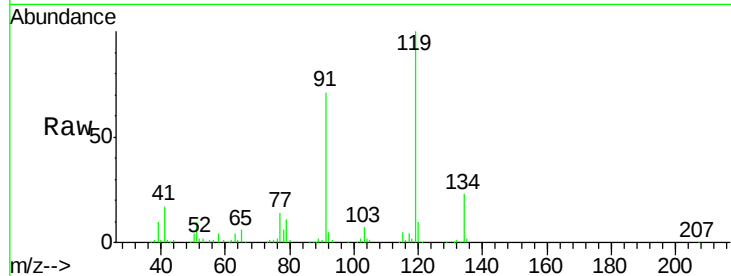




#83
 tert-Butylbenzene
 Concen: 17.949 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

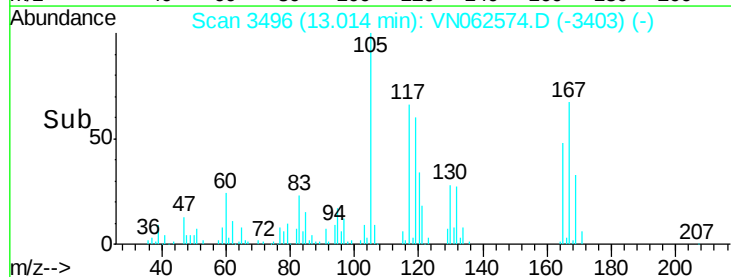
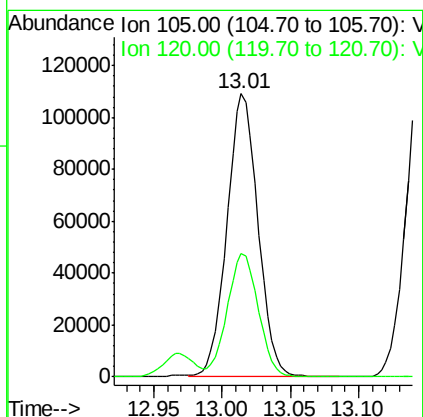
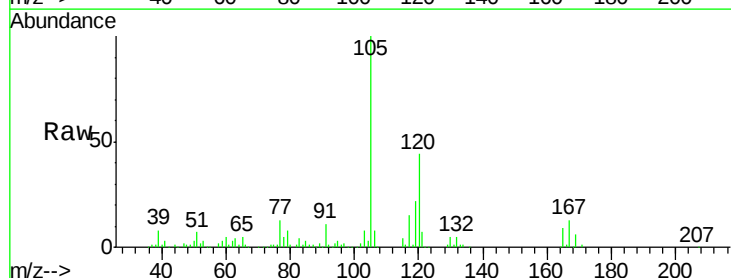
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

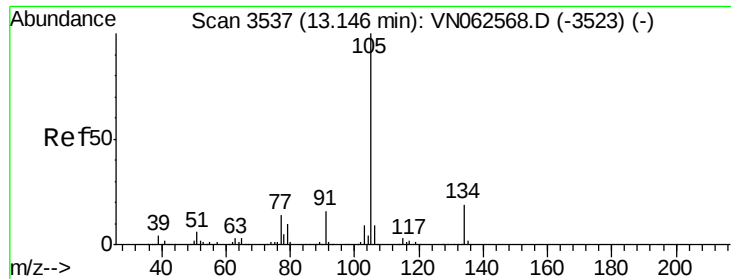
Tot Ion:119 Resp: 147864
 Ion Ratio Lower Upper
 119 100
 91 71.0 34.6 103.8
 134 24.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.634 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:105 Resp: 171625
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 17.628 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampled :

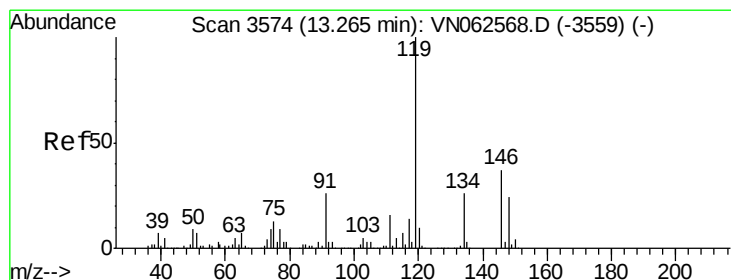
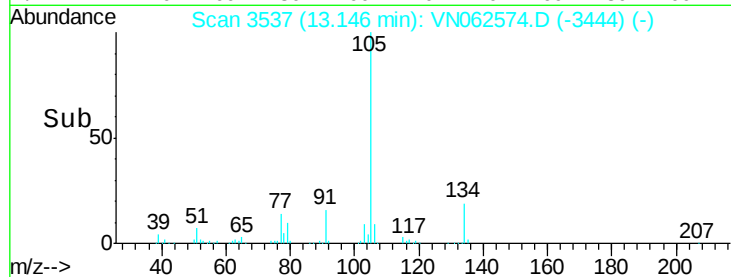
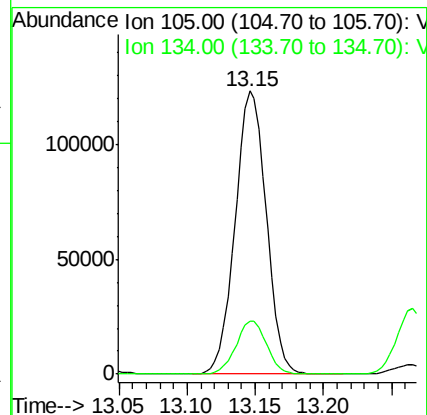
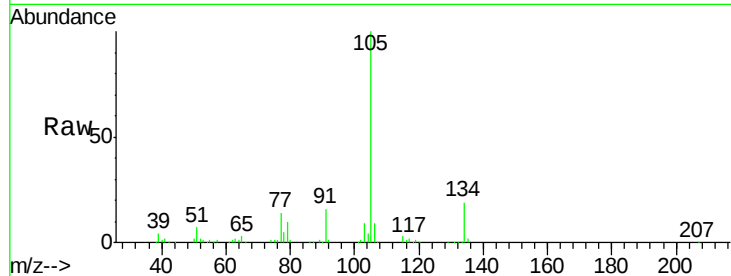
VN0721WBSD01

Tot Ion:105 Resp: 194424

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



#86

p-Isopropyltoluene

Concen: 17.959 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

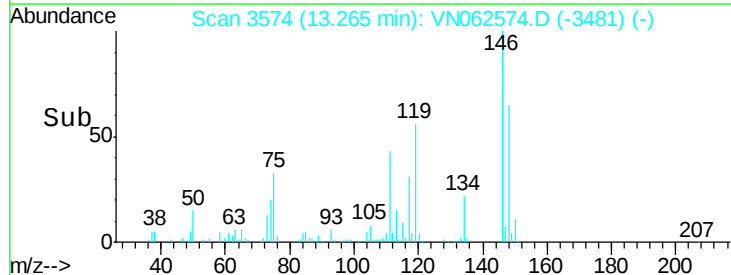
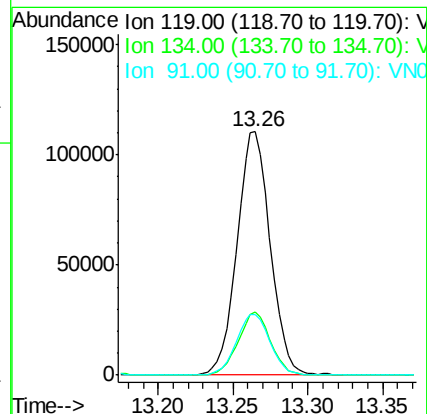
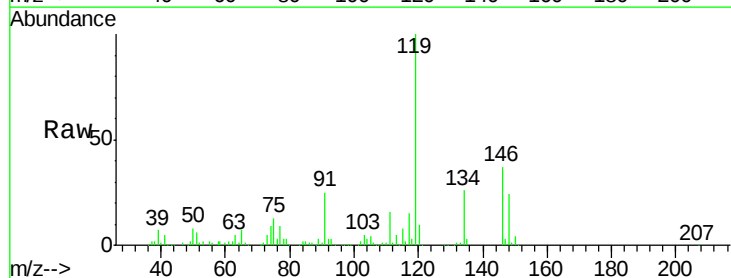
Tgt Ion:119 Resp: 170361

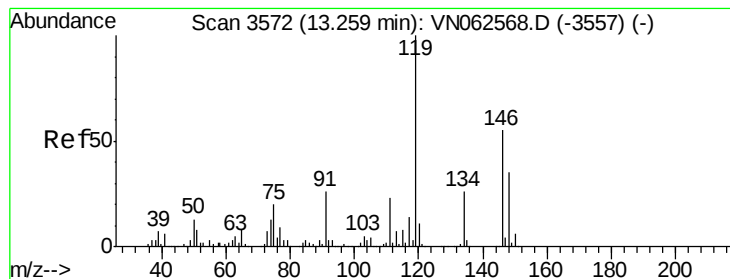
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 16.922 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

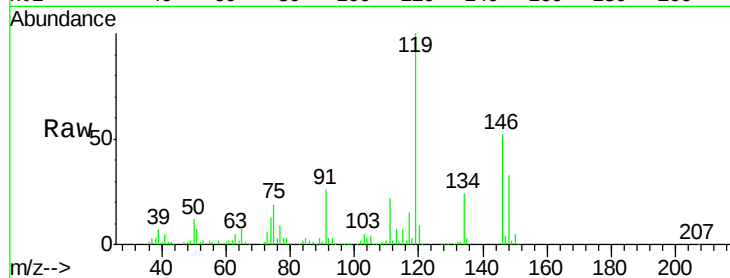
Tot Ion:146 Resp: 85354

Ion Ratio Lower Upper

146 100

111 44.1 21.6 64.6

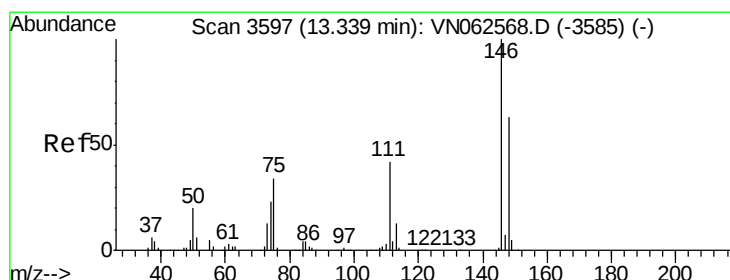
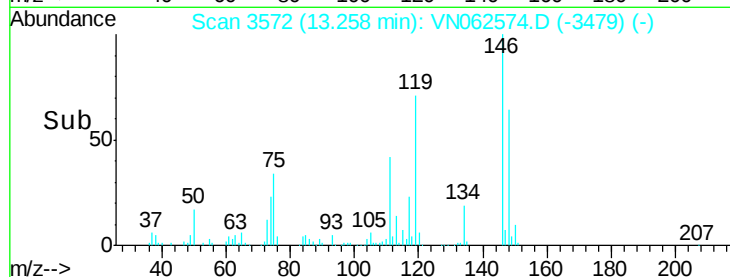
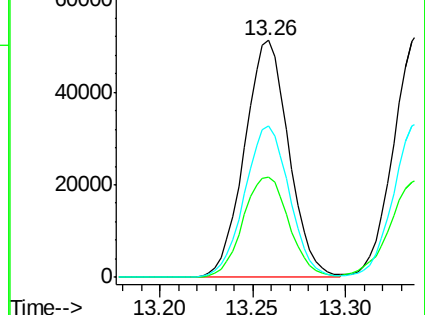
148 64.4 31.8 95.4



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: 17.352 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

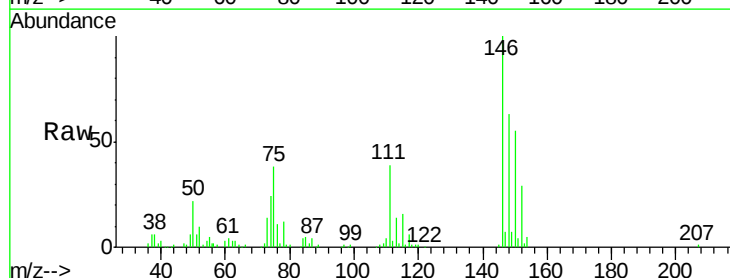
Tgt Ion:146 Resp: 86159

Ion Ratio Lower Upper

146 100

111 43.3 21.1 63.1

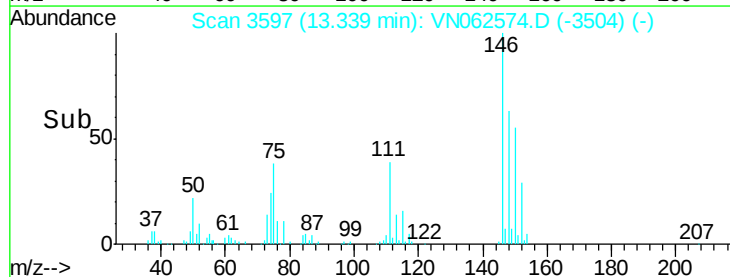
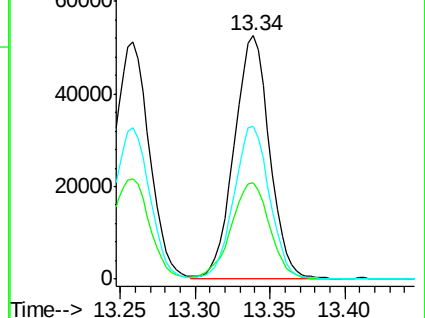
148 63.9 31.6 94.8

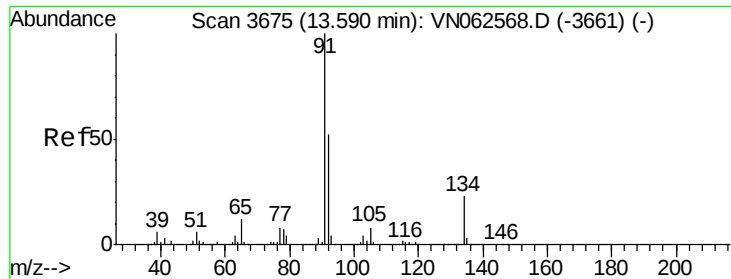


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

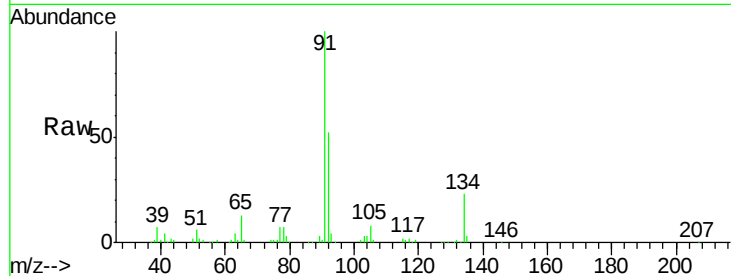




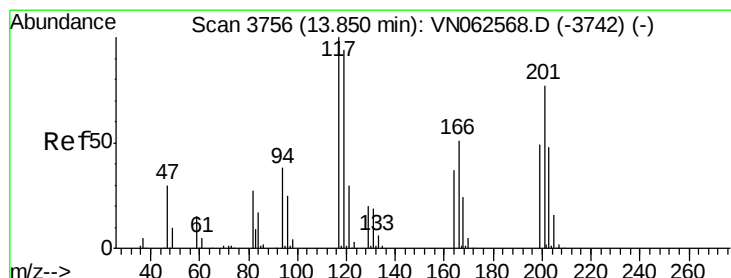
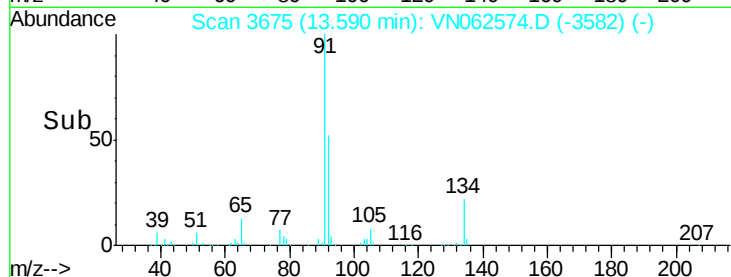
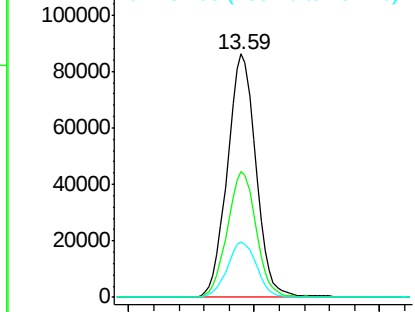
#89
n-Butylbenzene
Concen: 16.747 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion: 91 Resp: 136500
Ion Ratio Lower Upper
91 100
92 52.4 25.8 77.3
134 23.3 11.8 35.3

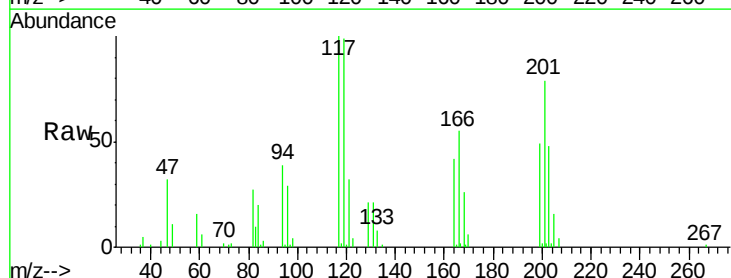


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

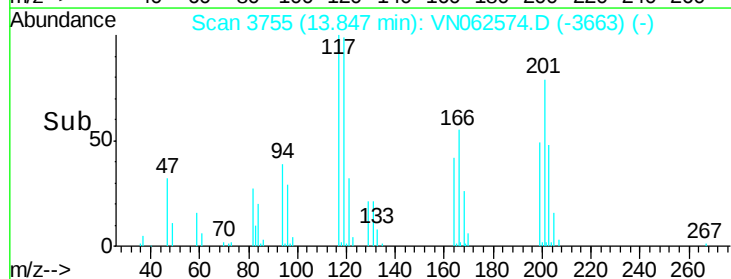
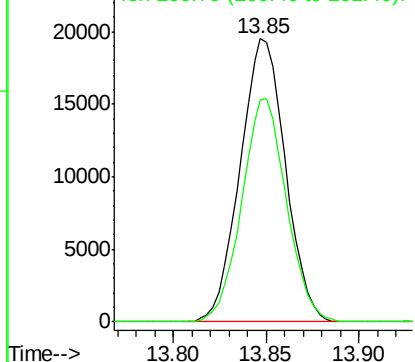


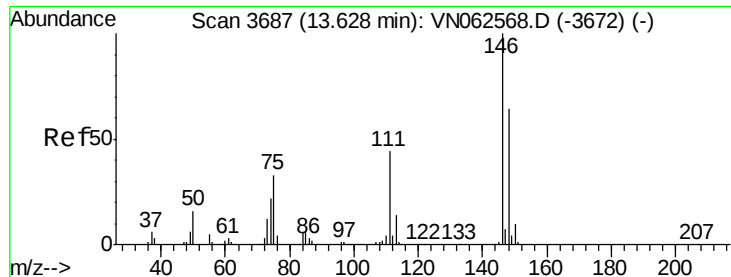
#90
Hexachloroethane
Concen: 16.418 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 117 Resp: 33153
Ion Ratio Lower Upper
117 100
201 77.9 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 17.472 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

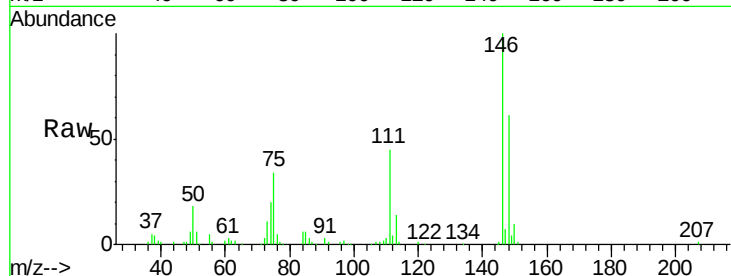
Tot Ion:146 Resp: 84268

Ion Ratio Lower Upper

146 100

111 44.0 21.9 65.8

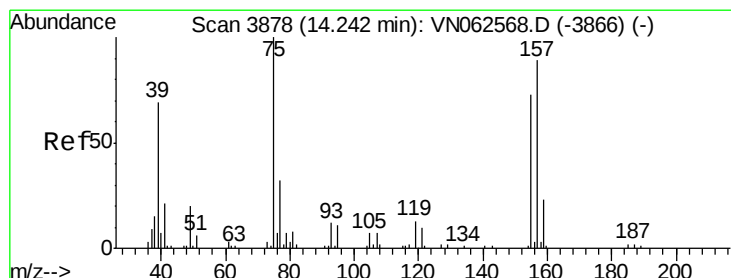
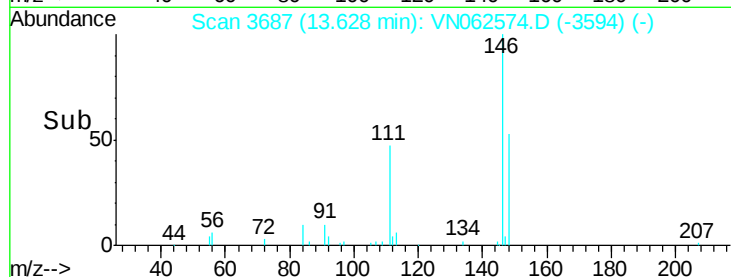
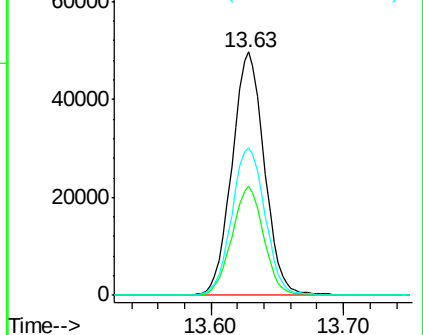
148 62.6 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.669 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062574.D

Acq: 21 Jul 2020 16:27

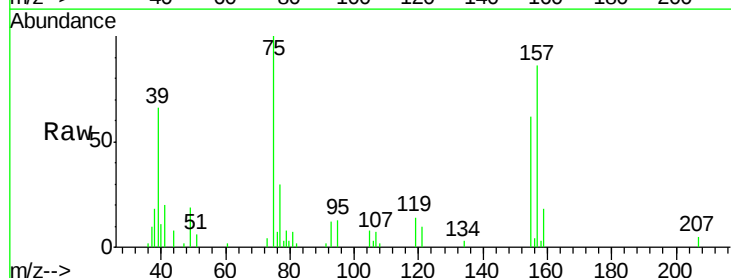
Tgt Ion: 75 Resp: 13333

Ion Ratio Lower Upper

75 100

155 68.7 35.9 107.5

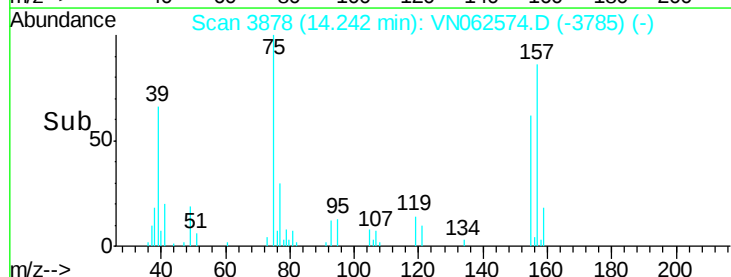
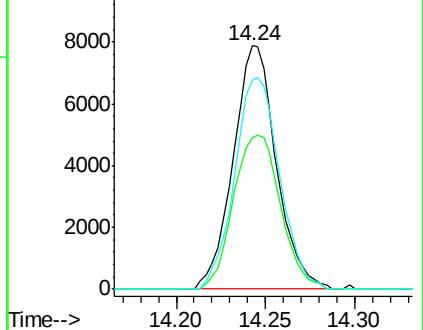
157 90.2 45.0 135.0

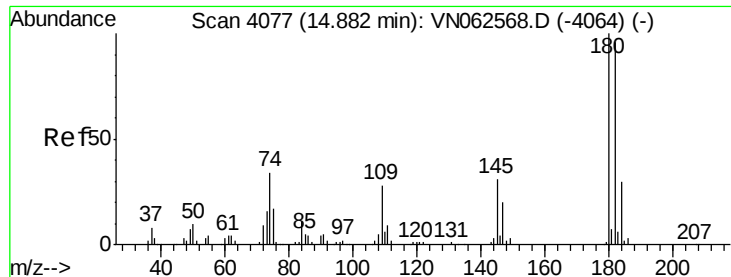


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

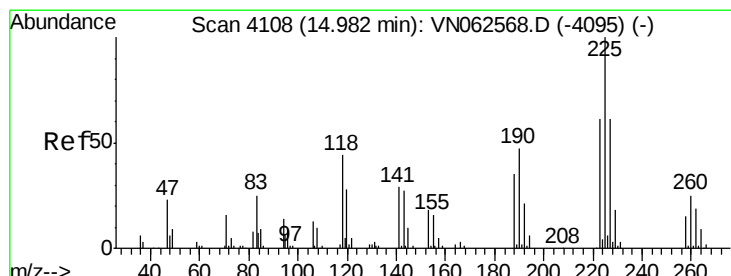
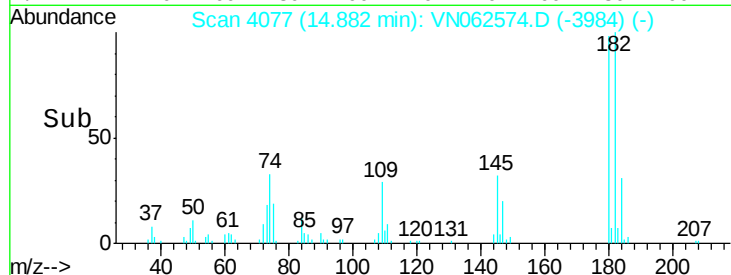
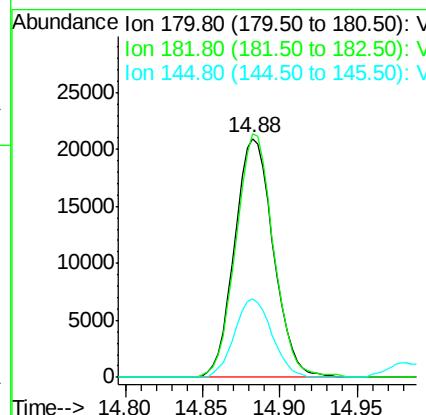
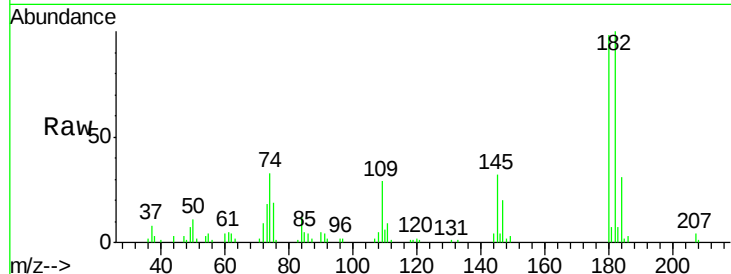




#93
 1,2,4-Trichlorobenzene
 Concen: 16.574 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

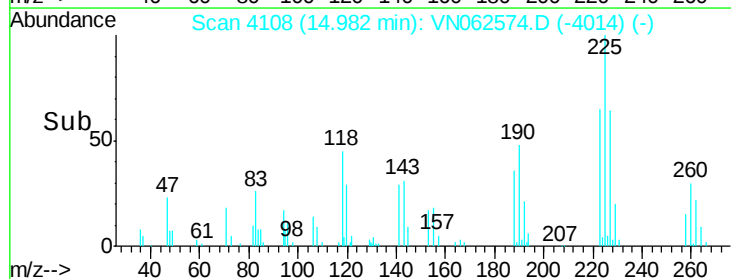
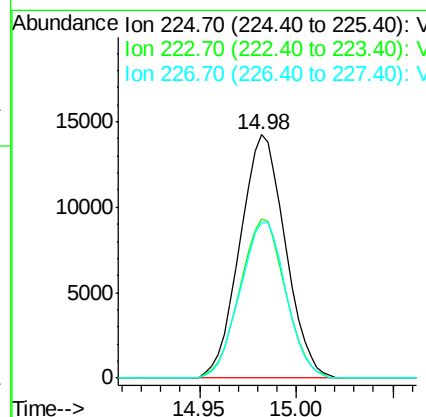
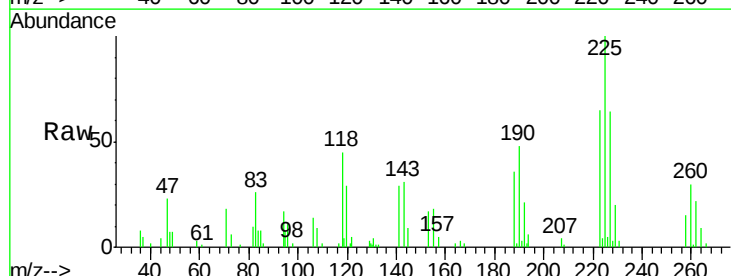
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

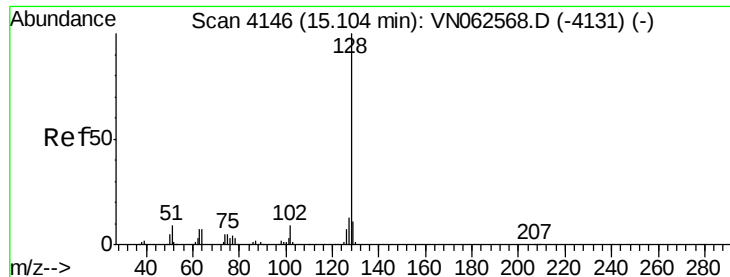
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.8	143.3
145	31.7	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 17.526 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062574.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	32.0	96.0
227	65.0	31.1	93.2

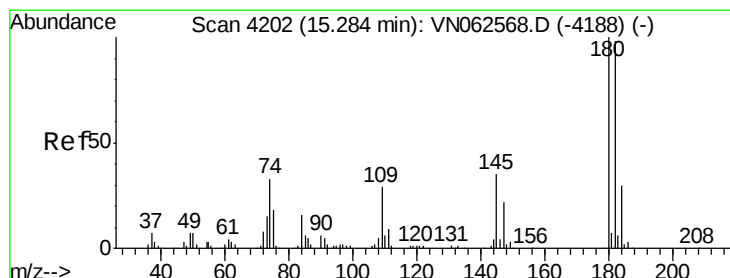
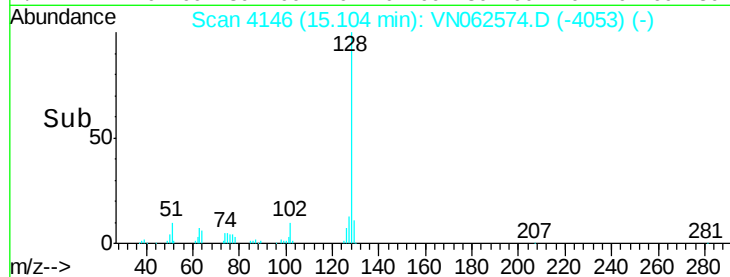
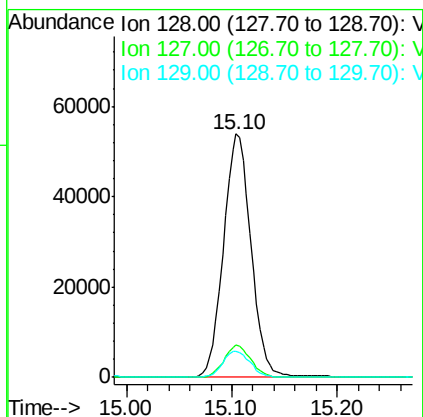
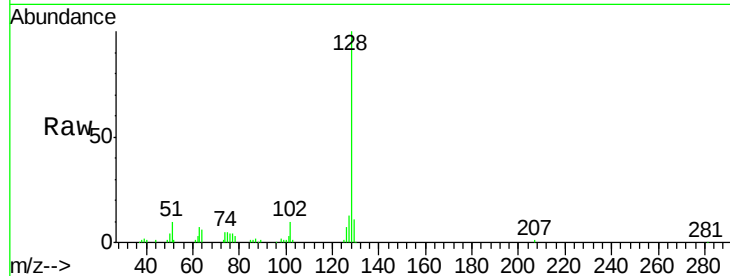




#95
Naphthalene
Concen: 17.133 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tot Ion:128 Resp: 97264
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.615 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062574.D
Acq: 21 Jul 2020 16:27

Tgt Ion:180 Resp: 37765
Ion Ratio Lower Upper
180 100
182 97.6 48.1 144.3
145 33.0 16.7 50.1

