

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071420\
 Data File : VN062524.D
 Acq On : 14 Jul 2020 12:00
 Operator : JC/MD
 Sample : VN0714WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

Quant Time: Jul 15 01:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44862	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	239638	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	218758	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	111831	29.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.73%
60) 4-Bromofluorobenzene	12.37	95	109825	29.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.33%
63) Toluene-d8	10.06	98	313447	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	40657	15.355	ug/l 95
3) Chloromethane	2.04	50	60044	15.704	ug/l 98
4) Vinyl Chloride	2.16	62	51228	15.328	ug/l 95
5) Bromomethane	2.53	94	23590	14.228	ug/l 96
6) Chloroethane	2.67	64	25041	15.220	ug/l 97
7) Trichlorofluoromethane	2.99	101	61142	15.609	ug/l 99
8) Diethyl Ether	3.37	74	29353	15.588	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38239	15.101	ug/l 98
10) 1,1-Dichloroethene	3.70	96	40255	15.582	ug/l 91
11) Methyl Iodide	3.91	142	51130	16.162	ug/l 97
12) Methyl Acetate	4.28	43	57894	16.710	ug/l 98
13) Acrolein	3.57	56	48289	93.284	ug/l 94
14) Acrylonitrile	4.93	53	132640	82.315	ug/l 97
15) Acetone	3.77	58	33955	68.644	ug/l 93
16) Carbon Disulfide	4.01	76	127344	15.126	ug/l 99
17) Allyl chloride	4.28	41	88076	16.031	ug/l 98
18) Methylene Chloride	4.50	84	51417	16.175	ug/l 96
19) trans-1,2-Dichloroethene	4.99	96	43898	15.353	ug/l 95
20) Diisopropyl ether	5.90	45	183774	16.271	ug/l 98
21) 1,1-Dichloroethane	5.80	63	95105	15.927	ug/l 98
22) cis-1,2-Dichloroethene	6.79	96	51647	16.017	ug/l 98
23) tert-Butyl Alcohol	4.73	59	46127	85.538	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	150105	15.760	ug/l 99
25) Chloroform	7.33	83	87887	16.049	ug/l 99
26) Cyclohexane	7.61	56	77820	14.786	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	63813	15.699	ug/l 99
30) 2-Butanone	6.79	43	178613	82.854	ug/l 98
31) 2,2-Dichloropropane	6.78	77	72649	15.851	ug/l # 92
32) 1,1,1-Trichloroethane	7.53	97	72371	16.565	ug/l 99
33) Carbon Tetrachloride	7.73	117	61803	16.319	ug/l 98
34) Benzene	8.00	78	202249	16.748	ug/l 98
35) Methacrylonitrile	7.12	41	28968	15.298	ug/l 97
36) 1,2-Dichloroethane	8.09	62	73806	17.004	ug/l 99
37) Trichloroethene	8.80	130	45054	16.610	ug/l 99
38) Methylcyclohexane	9.05	83	69380	15.215	ug/l 99
39) 1,2-Dichloropropane	9.09	63	58498	17.003	ug/l 96
40) Dibromomethane	9.18	93	33898	17.096	ug/l 97

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 Sample : VN0714WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

Quant Time: Jul 15 01:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	71134	16.915	ug/l	95
42) Vinyl Acetate	5.84	43	766519	85.567	ug/l #	89
43) Ethyl Acetate	6.88	43	77302	17.836	ug/l	94
44) Isopropyl Acetate	8.13	43	123192	16.941	ug/l	98
45) 1,4-Dioxane	9.17	88	18080	363.470	ug/l	96
46) Methyl methacrylate	9.17	41	57912	16.787	ug/l	98
47) n-amyl Acetate	12.05	43	98418	16.056	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	77561	15.812	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	86430	16.323	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	48875	17.586	ug/l	96
51) Ethyl methacrylate	10.40	69	76278	16.301	ug/l	99
52) 1,3-Dichloropropane	10.68	76	86613	16.980	ug/l	99
53) Dibromochloromethane	10.87	129	50135	16.557	ug/l	99
54) 1,2-Dibromoethane	10.98	107	48009	16.877	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	120238	80.451	ug/l	99
56) Bromoform	12.10	173	34502	16.682	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	370674	86.970	ug/l	99
59) 2-Hexanone	10.72	43	261994	83.816	ug/l	99
61) Tetrachloroethene	10.60	164	38619	17.239	ug/l	98
62) Toluene	10.12	91	207106	16.688	ug/l	100
64) Chlorobenzene	11.41	112	120941	16.584	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	46414	17.195	ug/l	97
66) Ethyl Benzene	11.48	91	221164	16.093	ug/l	99
67) m/p-Xylenes	11.60	106	158154	31.706	ug/l	99
68) o-Xylene	11.92	106	78413	16.380	ug/l	98
69) Styrene	11.94	104	130089	16.011	ug/l	99
70) Isopropylbenzene	12.22	105	205006	15.953	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	71841	17.298	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	68088m	16.854	ug/l	
73) Bromobenzene	12.50	156	48373	16.254	ug/l	99
74) n-propylbenzene	12.57	91	240298	15.731	ug/l	99
75) 2-Chlorotoluene	12.65	91	146858	15.968	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	172617	15.765	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	23447	15.518	ug/l	97
78) 4-Chlorotoluene	12.75	91	147253	15.691	ug/l	99
79) tert-butylbenzene	12.97	119	144755	15.966	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	170514	15.834	ug/l	100
81) sec-Butylbenzene	13.15	105	189597	15.571	ug/l	99
82) p-Isopropyltoluene	13.26	119	163233	15.191	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	81005	15.673	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	78597	15.411	ug/l	99
85) n-Butylbenzene	13.59	91	131041	14.217	ug/l	99
86) Hexachloroethane	13.85	117	31782	15.328	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	80879	16.273	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	13014	16.592	ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	35862	14.494	ug/l	97
90) Hexachlorobutadiene	14.98	225	22083	16.092	ug/l	98
91) Naphthalene	15.10	128	96647	14.407	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	37856	15.181	ug/l	99

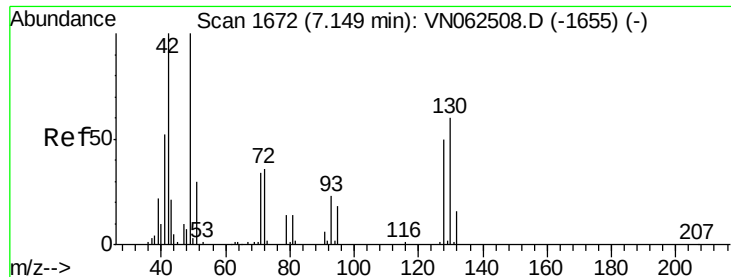
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071420\
Data File : VN062524.D
Acq On : 14 Jul 2020 12:00
Operator : JC/MD
Sample : VN0714WBSD01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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QLast Update : Tue Jul 14 00:52:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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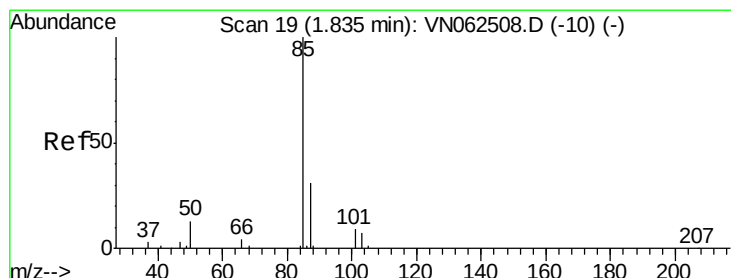
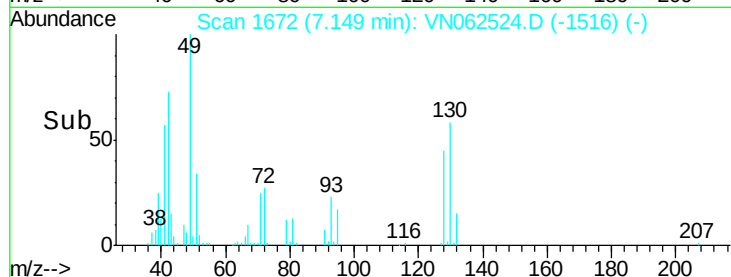
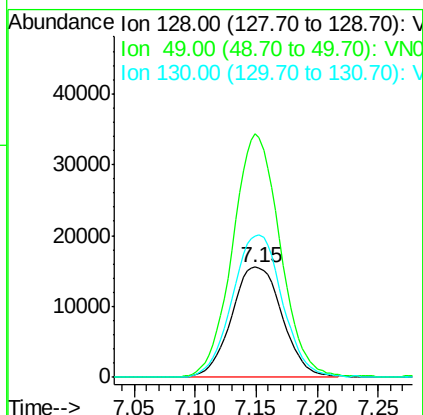
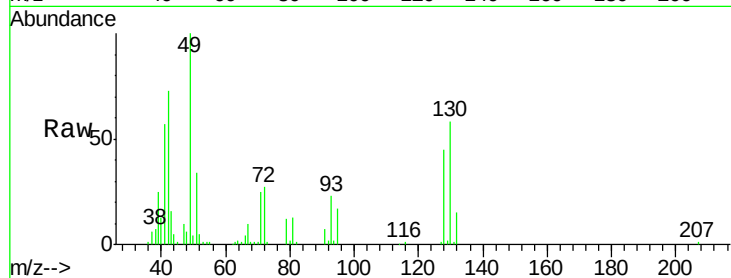
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

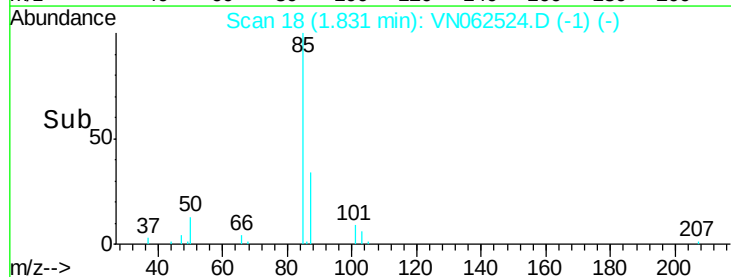
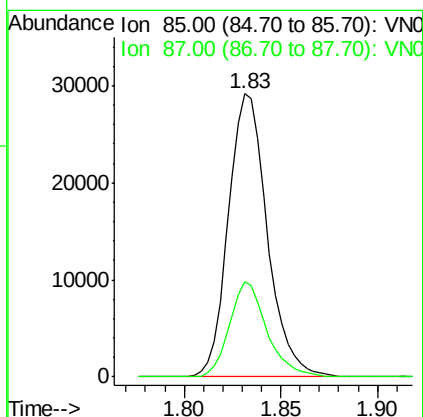
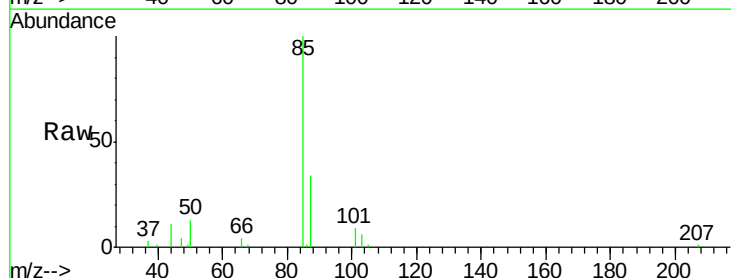
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

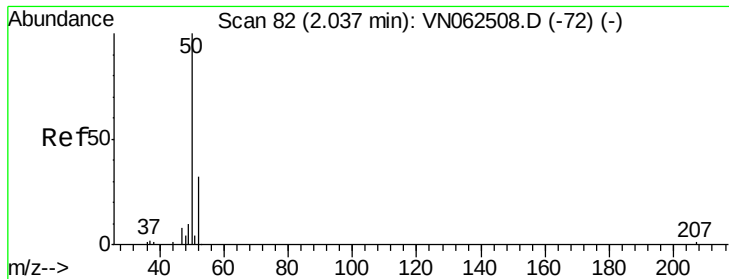
Tot Ion:128 Resp: 44862
 Ion Ratio Lower Upper
 128 100
 49 207.0 0.0 525.0
 130 127.2 0.0 319.8



#2
 Dichlorodifluoromethane
 Concen: 15.355 ug/l
 RT: 1.83 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 85 Resp: 40657
 Ion Ratio Lower Upper
 85 100
 87 33.6 15.6 46.7





#3

Chloromethane

Concen: 15.704 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

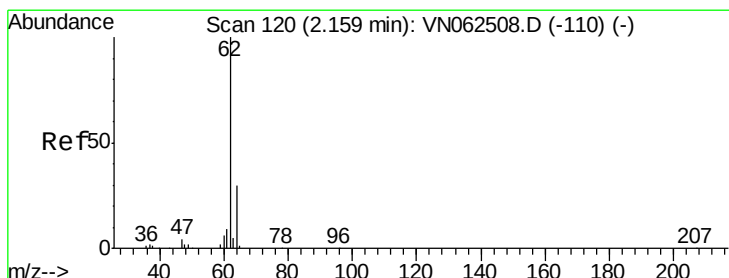
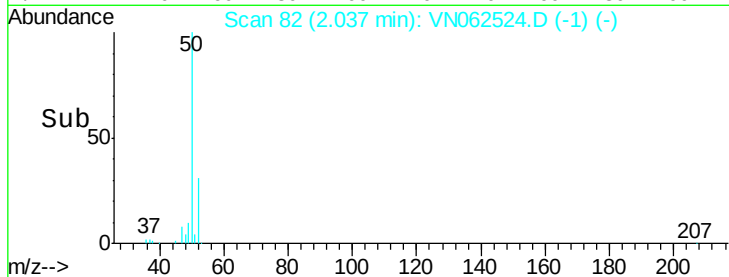
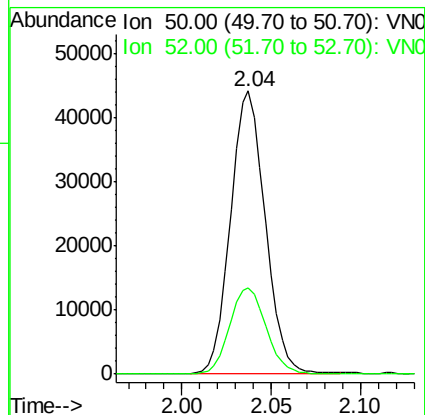
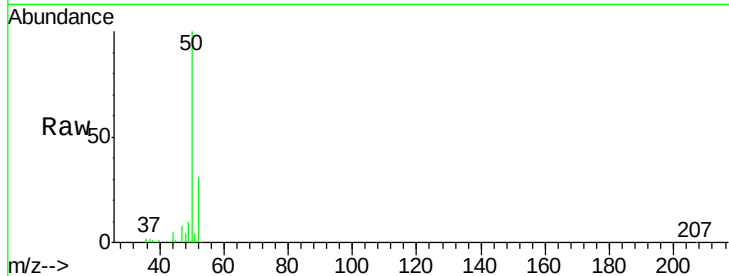
VN0714WBSD01

Tot Ion: 50 Resp: 60044

Ion Ratio Lower Upper

50 100

52 30.5 25.4 38.2



#4

Vinyl Chloride

Concen: 15.328 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062524.D

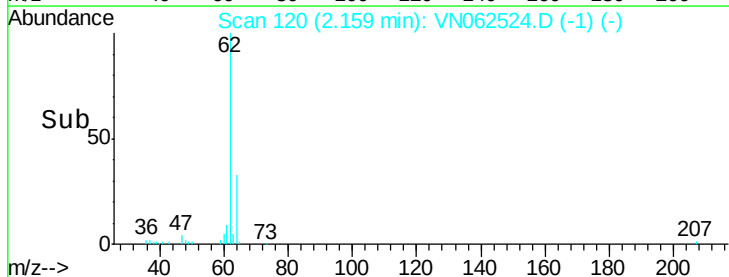
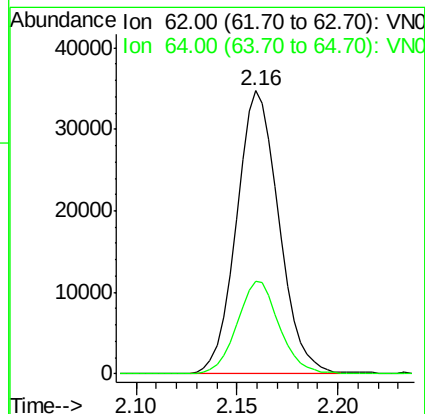
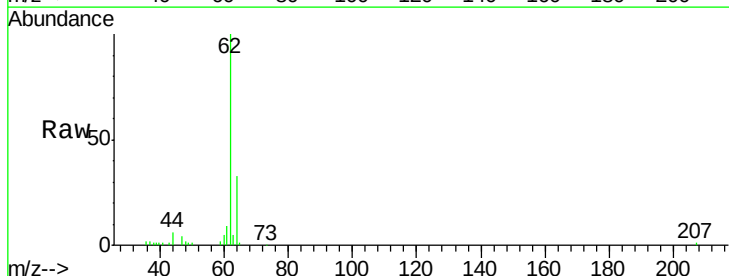
Acq: 14 Jul 2020 12:00

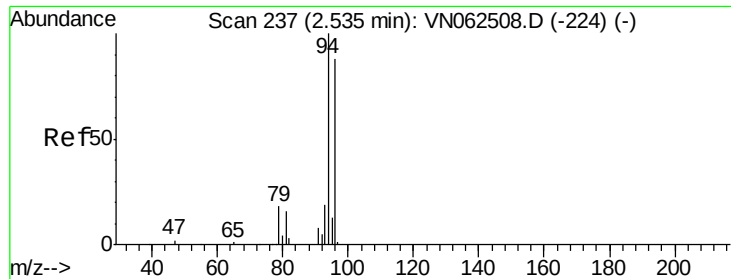
Tgt Ion: 62 Resp: 51228

Ion Ratio Lower Upper

62 100

64 32.9 24.3 36.5





#5

Bromomethane

Concen: 14.228 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

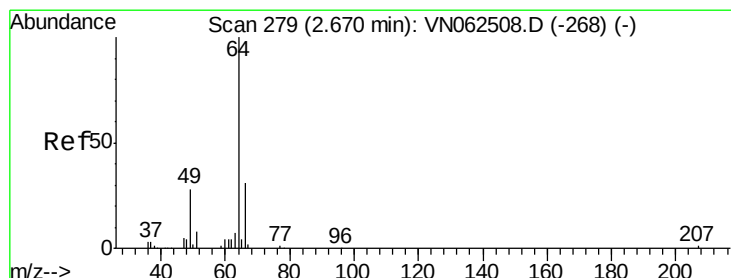
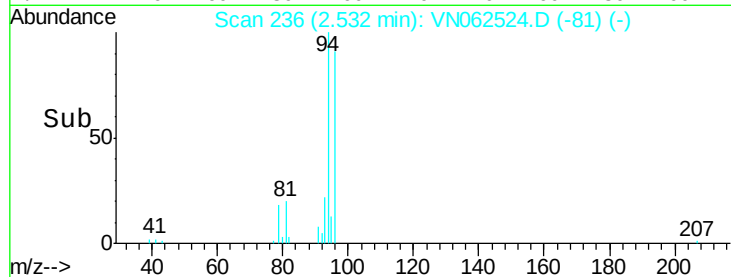
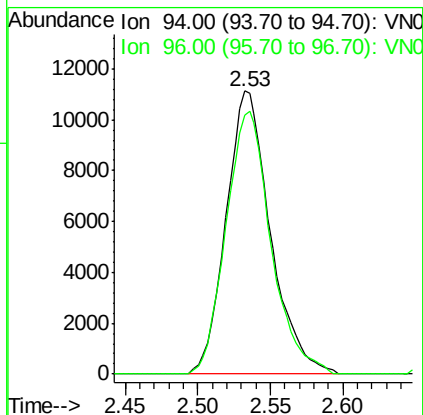
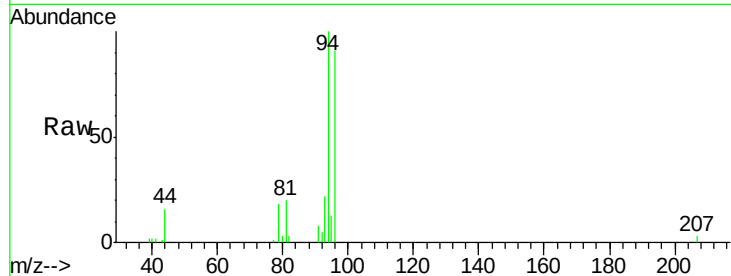
VN0714WBSD01

Tot Ion: 94 Resp: 23590

Ion Ratio Lower Upper

94 100

96 91.4 70.2 105.4



#6

Chloroethane

Concen: 15.220 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062524.D

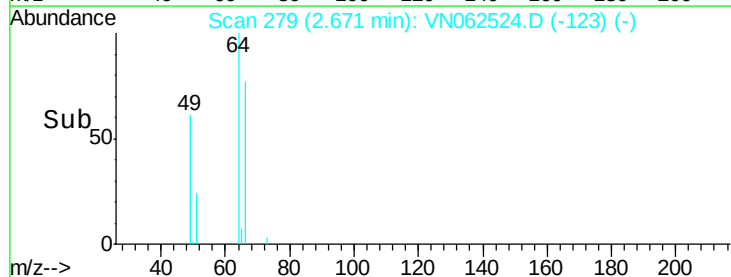
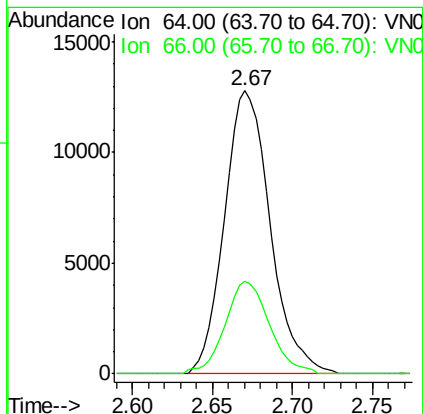
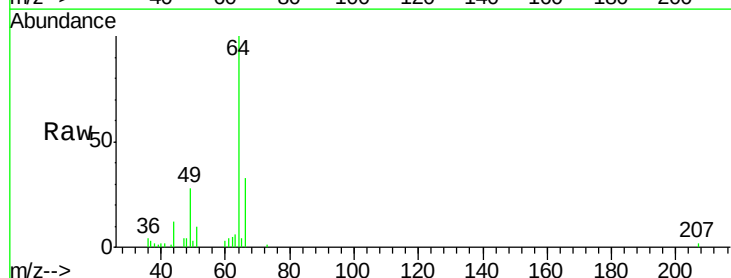
Acq: 14 Jul 2020 12:00

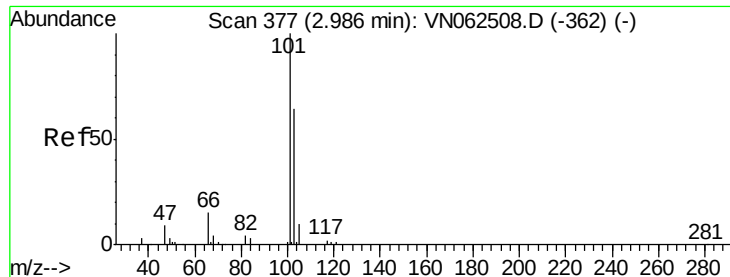
Tgt Ion: 64 Resp: 25041

Ion Ratio Lower Upper

64 100

66 32.7 24.9 37.3



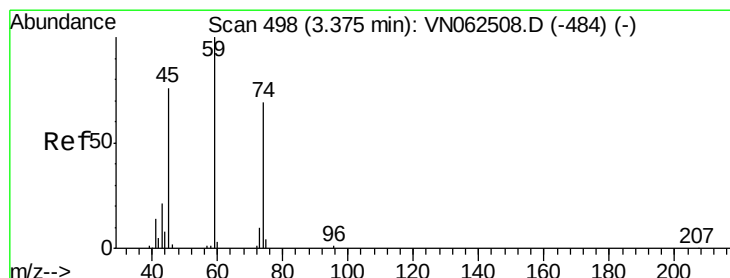
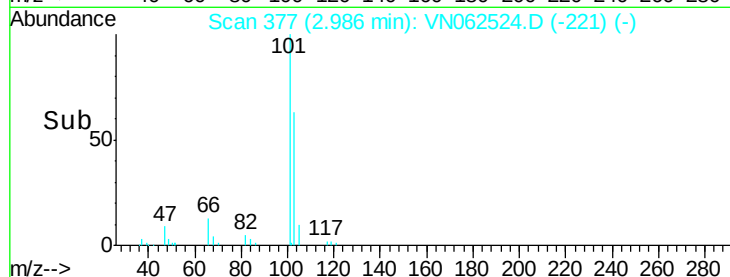
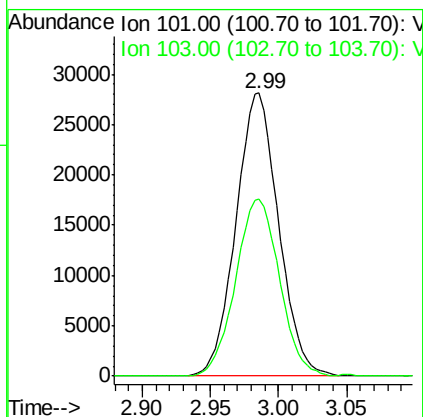
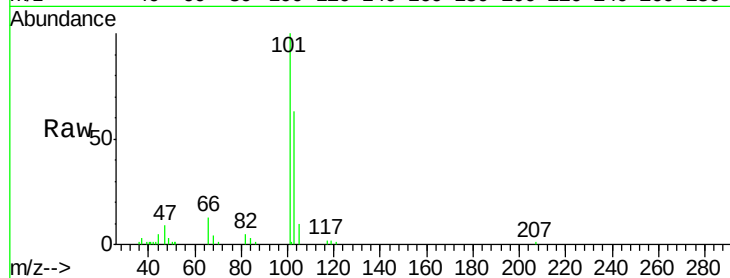


#7

Trichlorofluoromethane
 Concen: 15.609 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

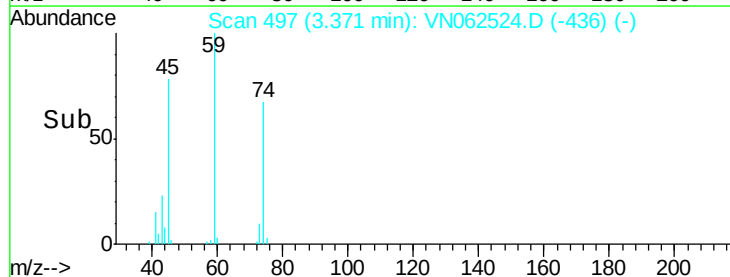
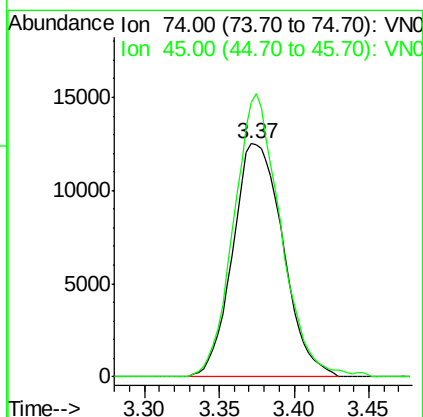
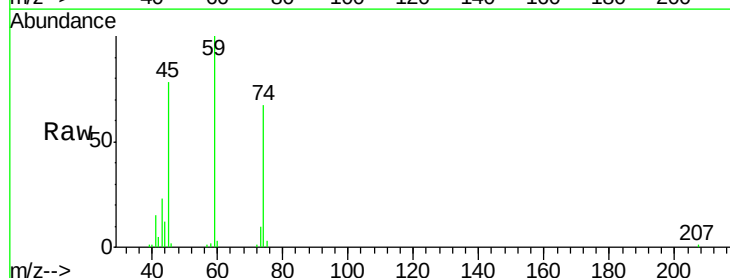
Tot Ion:101 Resp: 61142
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.9 76.3

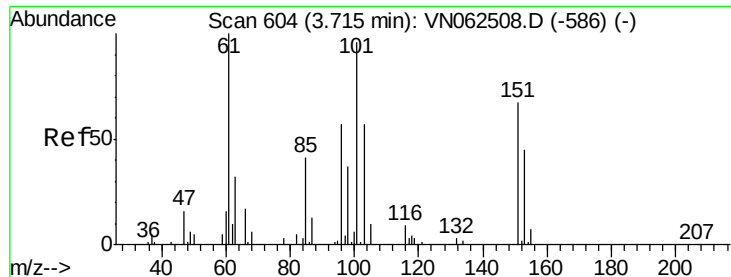


#8

Diethyl Ether
 Concen: 15.588 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 74 Resp: 29353
 Ion Ratio Lower Upper
 74 100
 45 112.3 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.101 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

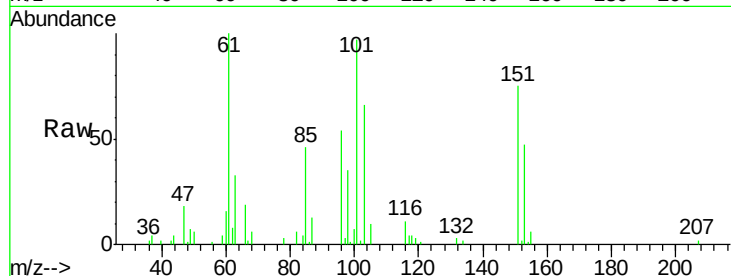
Tot Ion:101 Resp: 38239

Ion Ratio Lower Upper

101 100

85 46.4 0.0 90.4

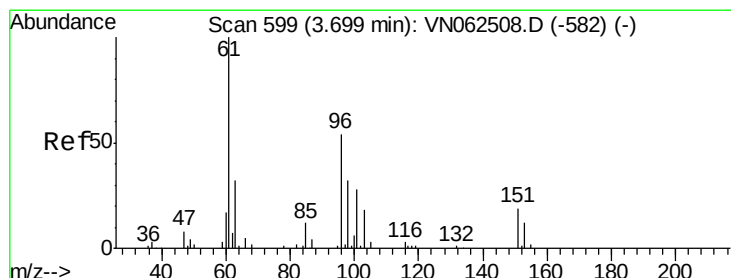
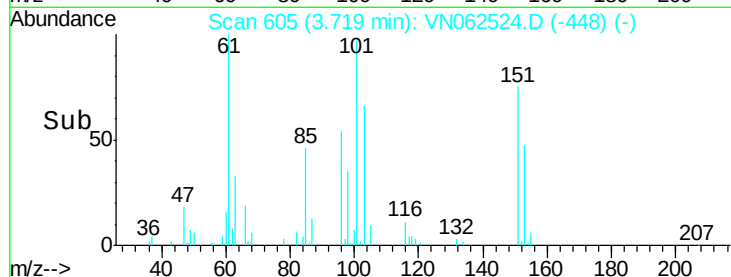
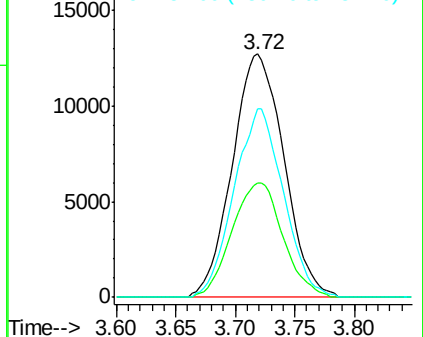
151 74.1 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 15.582 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

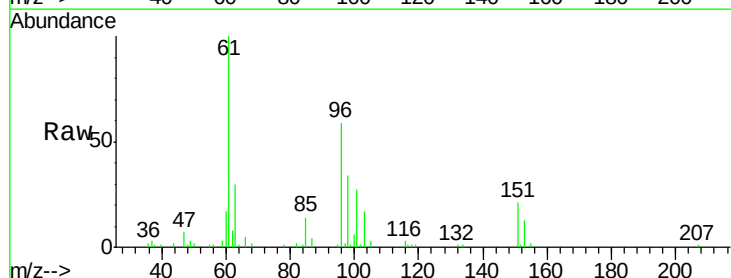
Tgt Ion: 96 Resp: 40255

Ion Ratio Lower Upper

96 100

61 169.7 147.8 221.8

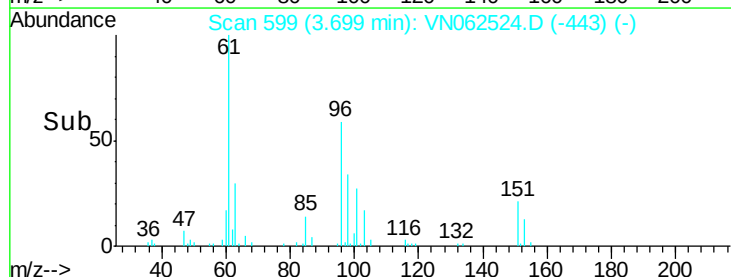
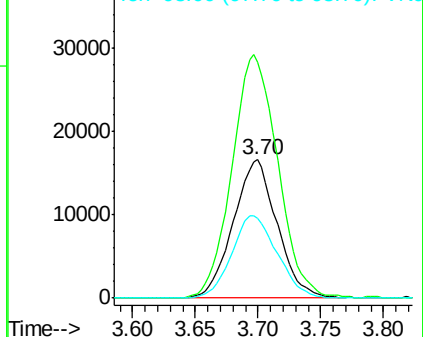
98 57.3 47.8 71.8

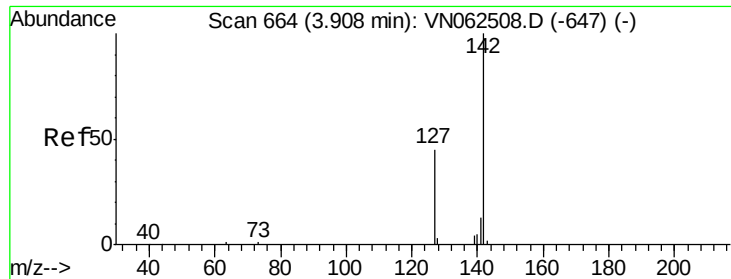


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

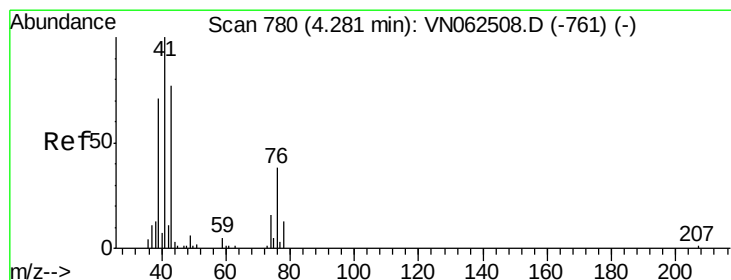
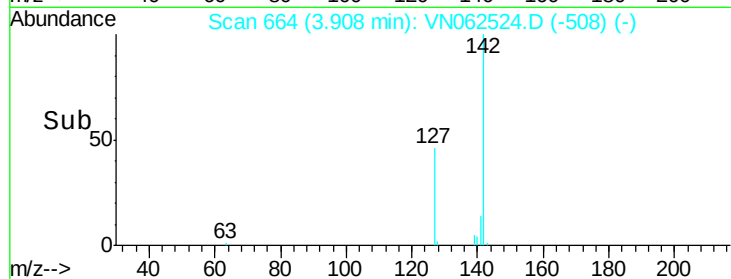
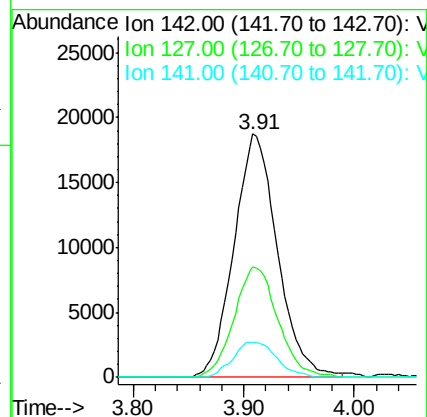
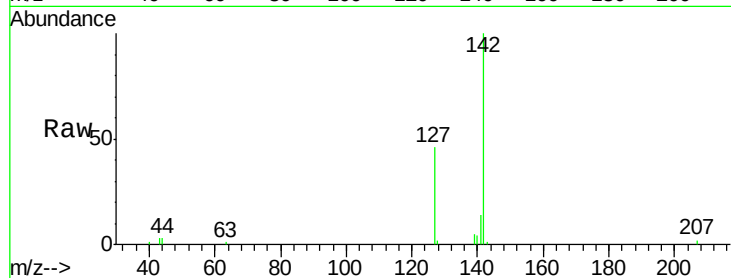




#11
Methvl Iodide
Concen: 16.162 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

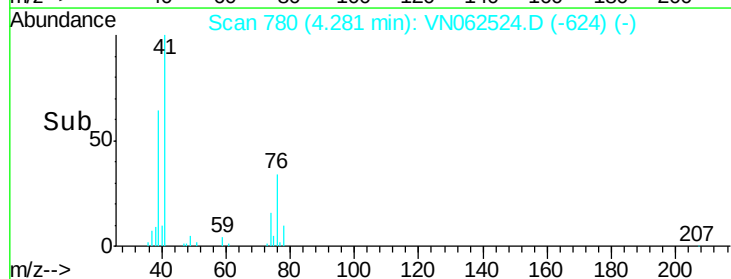
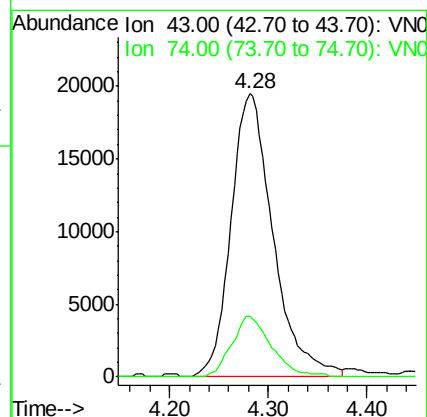
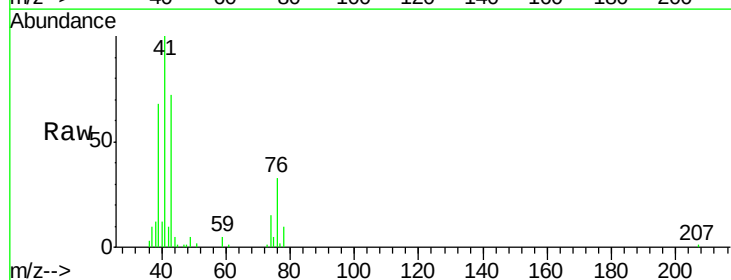
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

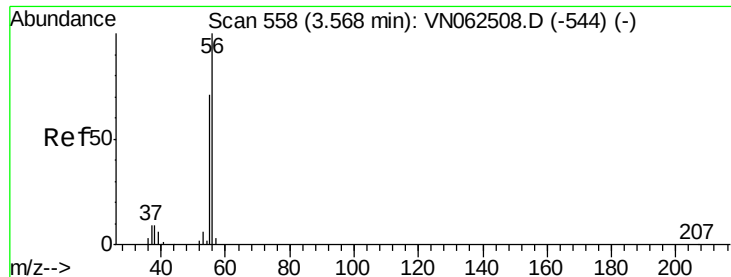
Tot Ion:142 Resp: 51130
Ion Ratio Lower Upper
142 100
127 45.9 22.1 66.5
141 14.5 6.5 19.4



#12
Methyl Acetate
Concen: 16.710 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 43 Resp: 57894
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1





#13

Acrolein

Concen: 93.284 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

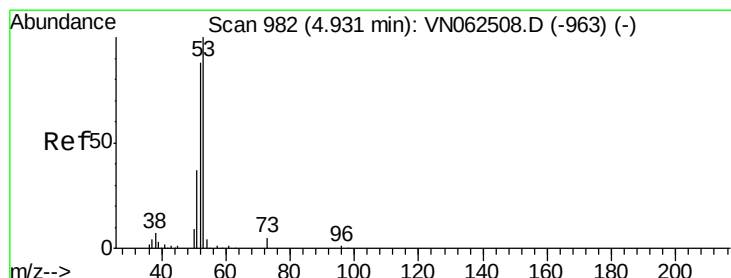
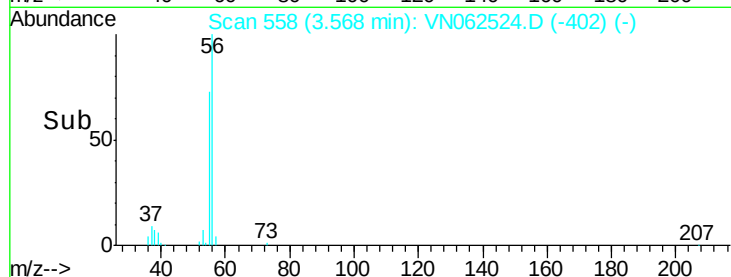
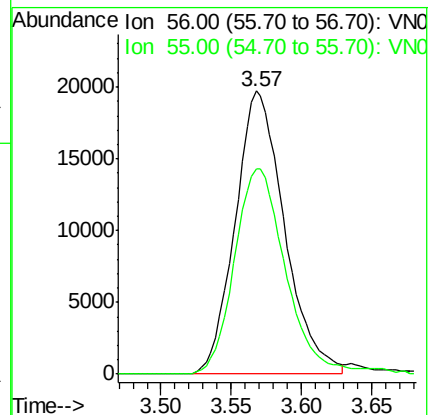
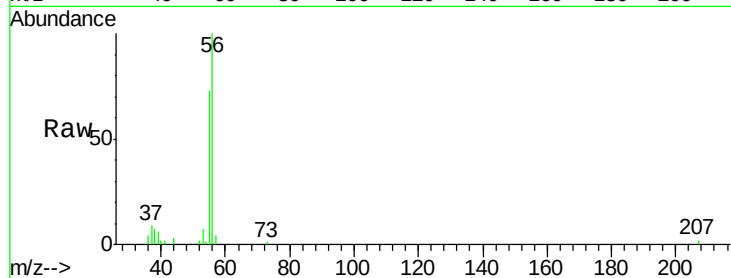
VN0714WBSD01

Tot Ion: 56 Resp: 48289

Ion Ratio Lower Upper

56 100

55 74.6 56.0 84.0



#14

Acrylonitrile

Concen: 82.315 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

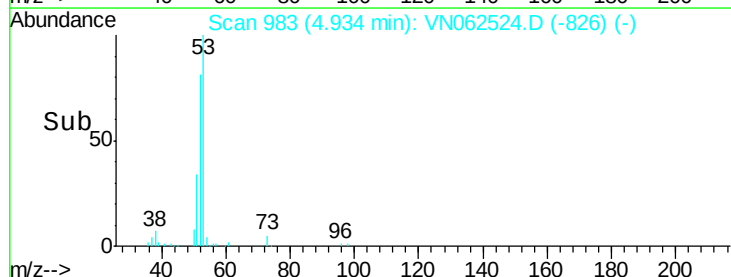
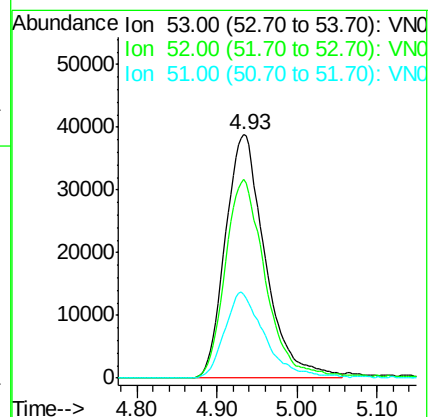
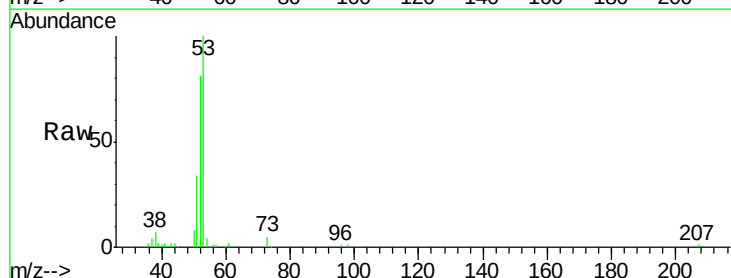
Tgt Ion: 53 Resp: 132640

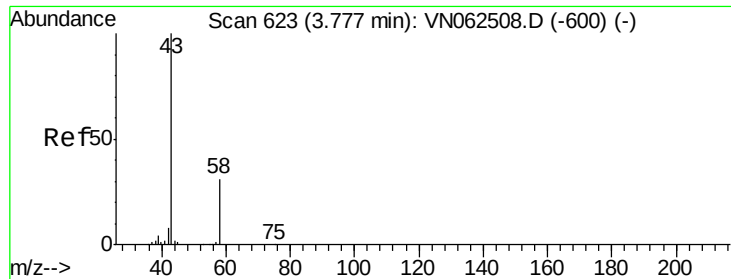
Ion Ratio Lower Upper

53 100

52 81.1 41.8 125.4

51 34.0 18.5 55.5





#15

Acetone

Concen: 68.644 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

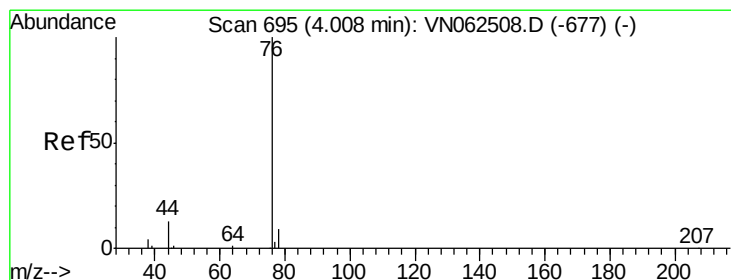
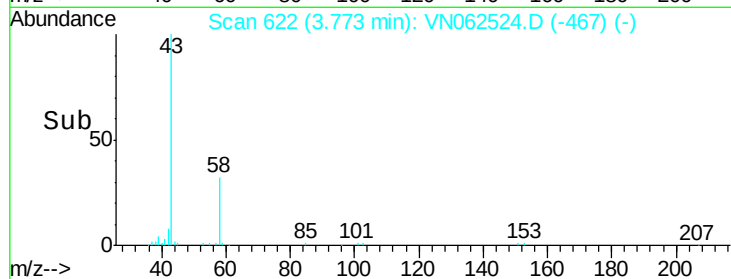
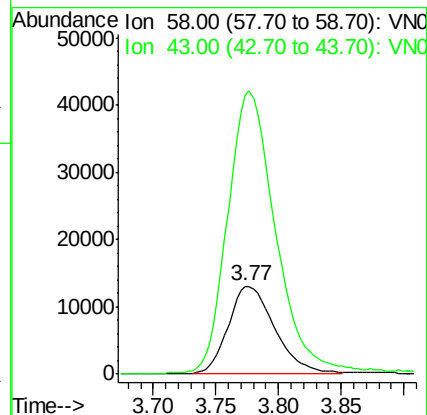
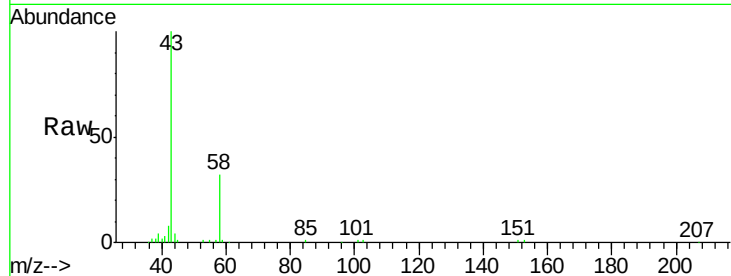
VN0714WBSD01

Tot Ion: 58 Resp: 33955

Ion Ratio Lower Upper

58 100

43 312.6 261.1 391.7



#16

Carbon Disulfide

Concen: 15.126 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062524.D

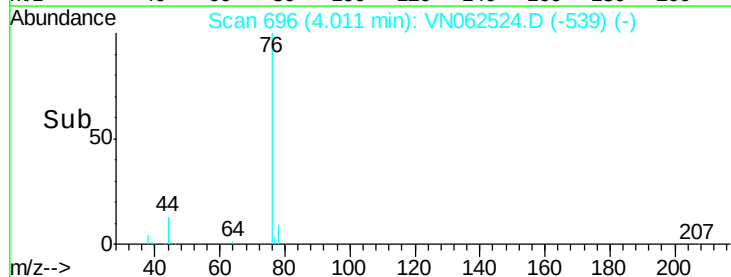
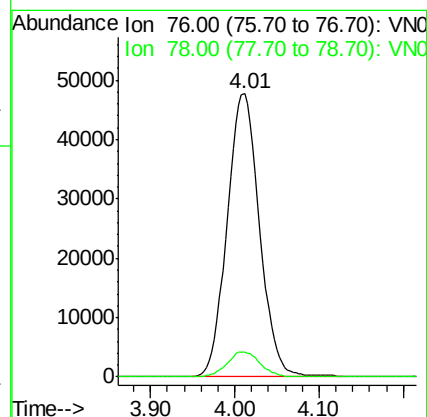
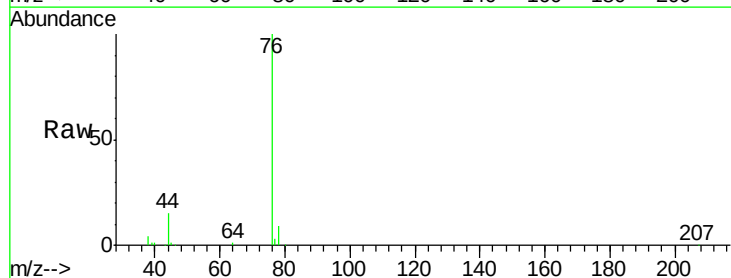
Acq: 14 Jul 2020 12:00

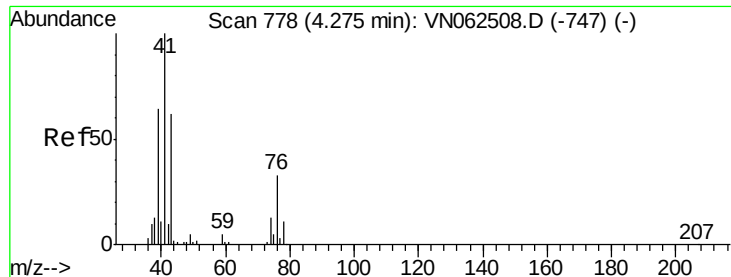
Tgt Ion: 76 Resp: 127344

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0





#17

Allvl chloride

Concen: 16.031 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0714WBSD01

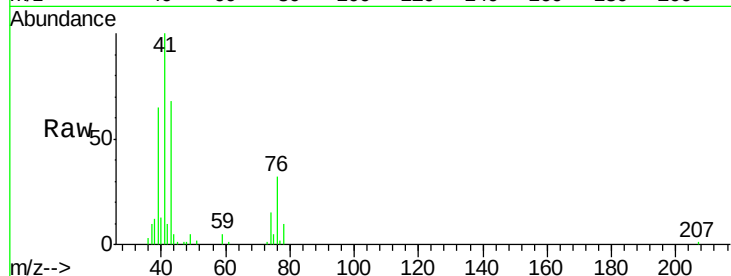
Tot Ion: 41 Resp: 88076

Ion Ratio Lower Upper

41 100

39 65.5 31.9 95.5

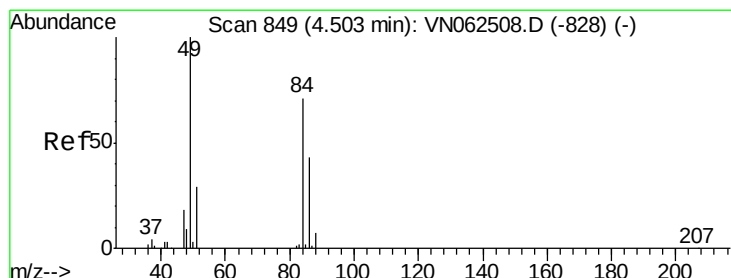
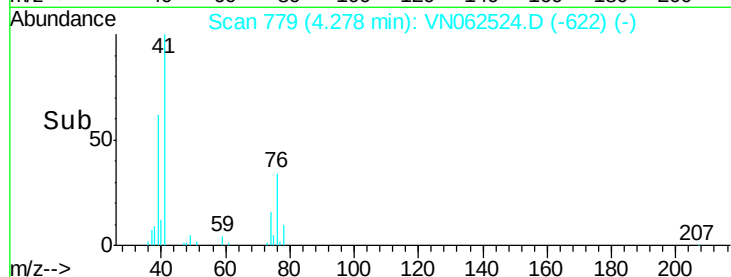
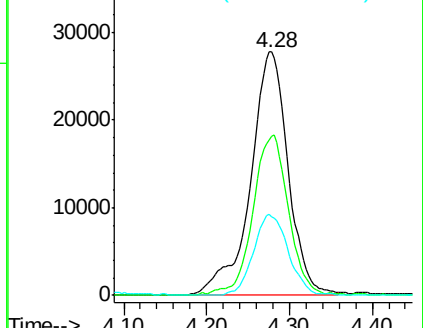
76 32.5 16.6 49.8



Abundance Ion 41.00 (40.70 to 41.70): VN062508.D (-747) (-)

Ion 39.00 (38.70 to 39.70): VN062508.D (-747) (-)

Ion 76.00 (75.70 to 76.70): VN062508.D (-747) (-)



#18

Methylene Chloride

Concen: 16.175 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Tgt Ion: 84 Resp: 51417

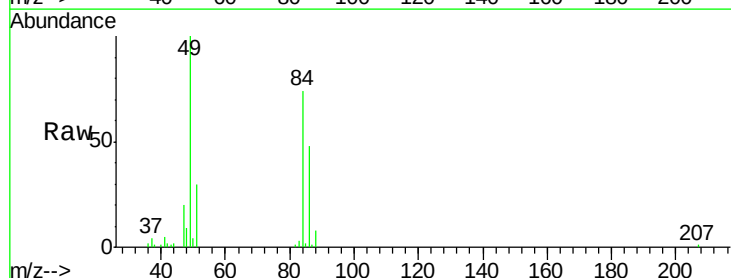
Ion Ratio Lower Upper

84 100

49 134.8 112.1 168.1

51 40.4 33.0 49.4

86 64.8 48.2 72.4

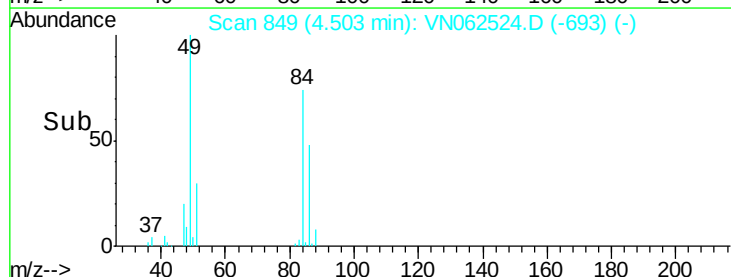
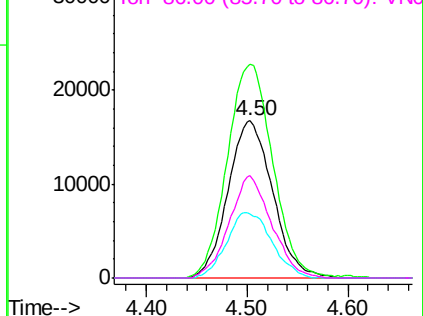


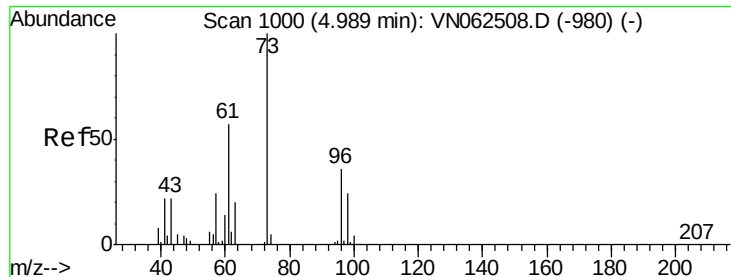
Abundance Ion 84.00 (83.70 to 84.70): VN062508.D (-828) (-)

Ion 49.00 (48.70 to 49.70): VN062508.D (-828) (-)

Ion 51.00 (50.70 to 51.70): VN062508.D (-828) (-)

Ion 86.00 (85.70 to 86.70): VN062508.D (-828) (-)

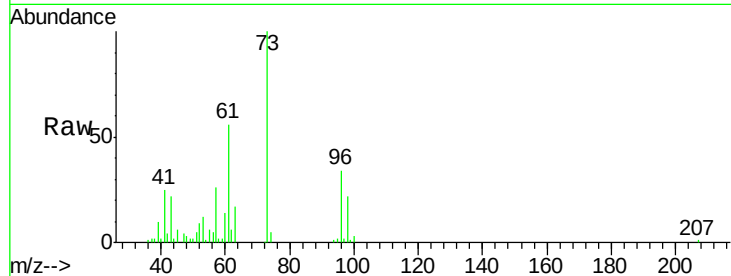




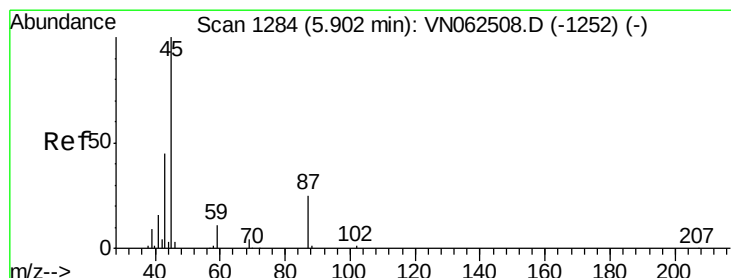
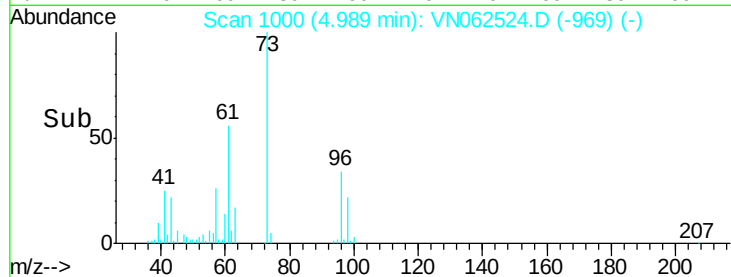
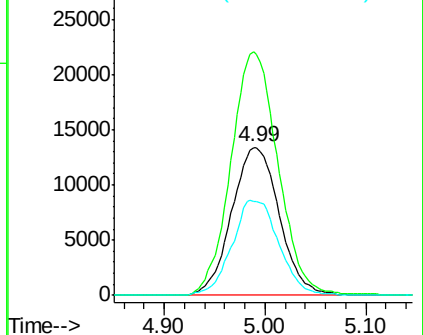
#19
trans-1,2-Dichloroethene
Concen: 15.353 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0714WBSD01

Tot Ion: 96 Resp: 43898
Ion Ratio Lower Upper
96 100
61 164.6 125.7 188.5
98 63.9 54.1 81.1

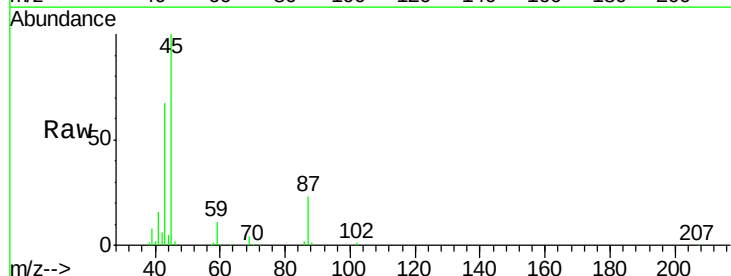


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

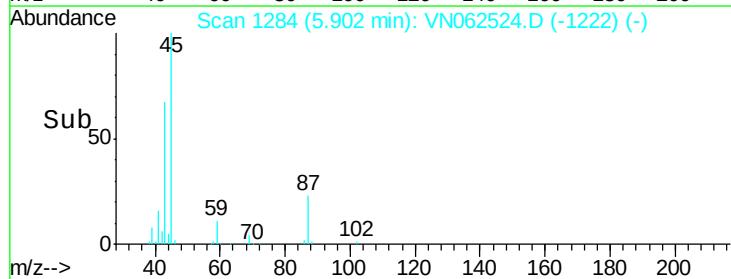
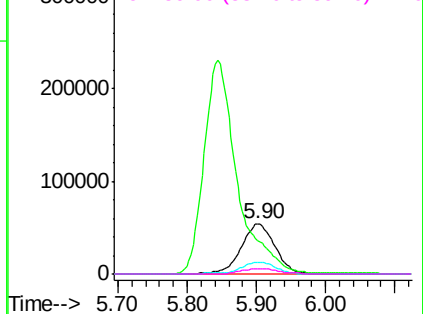


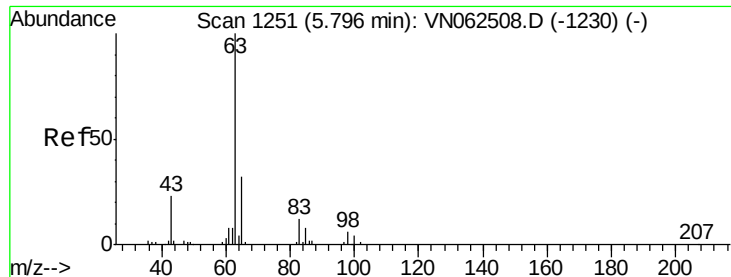
#20
Diisopropyl ether
Concen: 16.271 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 45 Resp: 183774
Ion Ratio Lower Upper
45 100
43 65.3 51.3 76.9
87 22.6 19.8 29.6
59 10.8 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 15.927 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

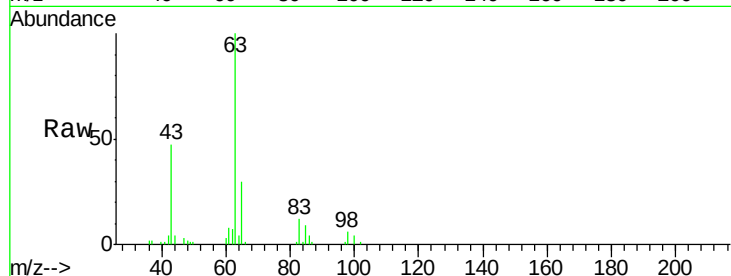
Tot Ion: 63 Resp: 95105

Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

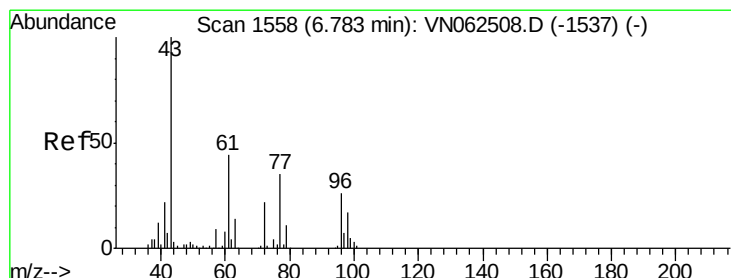
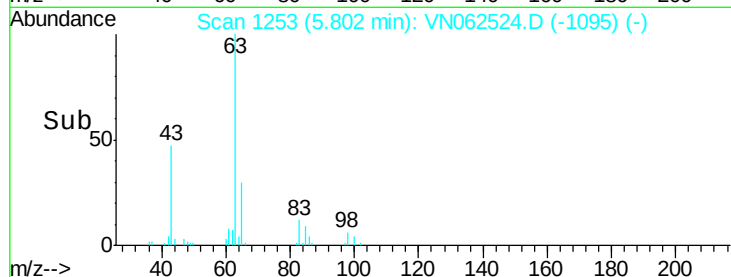
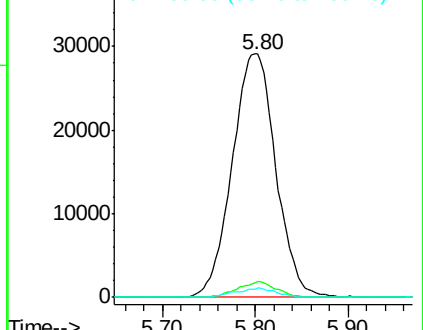
100 3.7 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VN062508.D (-1230) (-)

Ion 98.00 (97.70 to 98.70): VN062508.D (-1230) (-)

Ion 100.00 (99.70 to 100.70): VN062508.D (-1230) (-)



#22

cis-1,2-Dichloroethene

Concen: 16.017 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

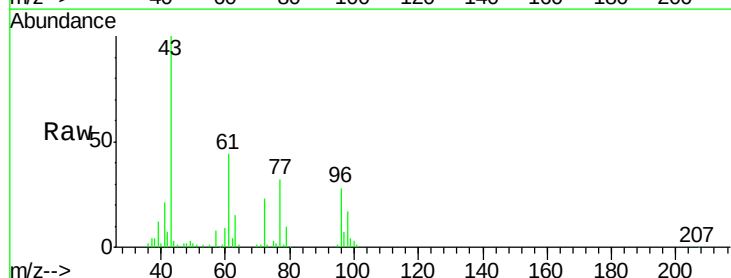
Tgt Ion: 96 Resp: 51647

Ion Ratio Lower Upper

96 100

61 165.7 134.9 202.3

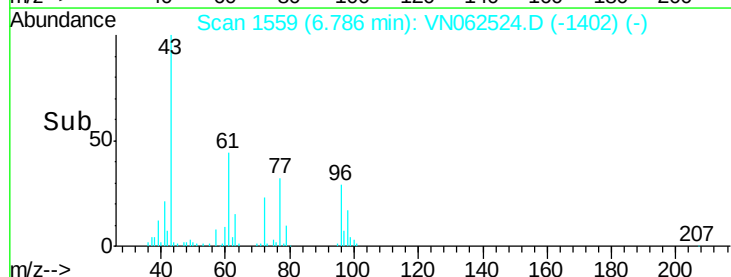
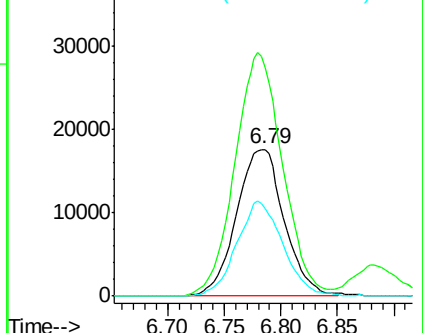
98 62.3 51.5 77.3

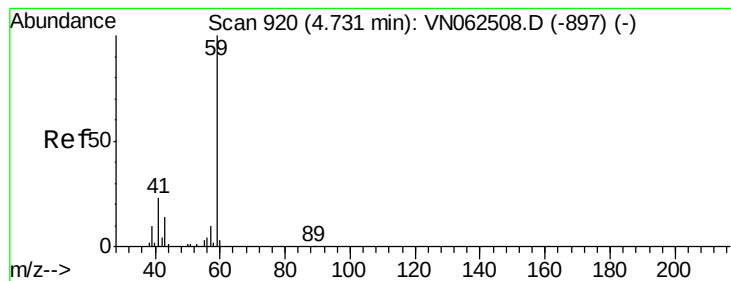


Abundance Ion 96.00 (95.70 to 96.70): VN062508.D (-1537) (-)

Ion 61.00 (60.70 to 61.70): VN062508.D (-1537) (-)

Ion 98.00 (97.70 to 98.70): VN062508.D (-1537) (-)





#23

tert-Butyl Alcohol

Concen: 85.538 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

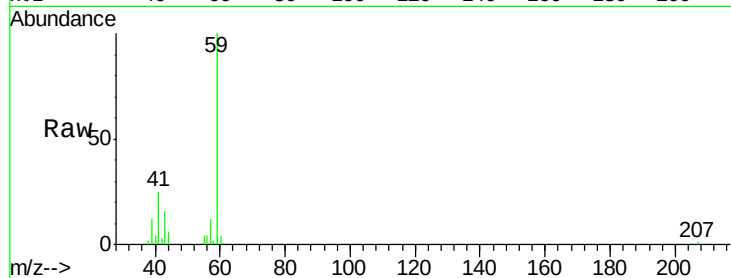
VN0714WBSD01

Tot Ion: 59 Resp: 46127

Ion Ratio Lower Upper

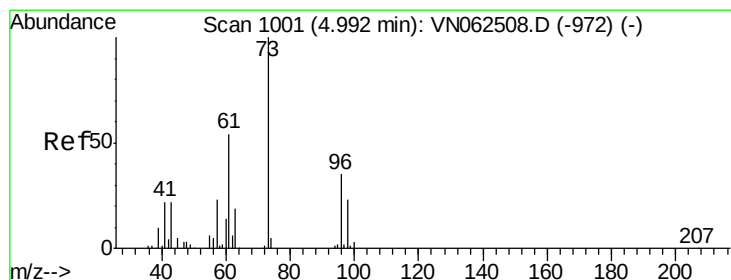
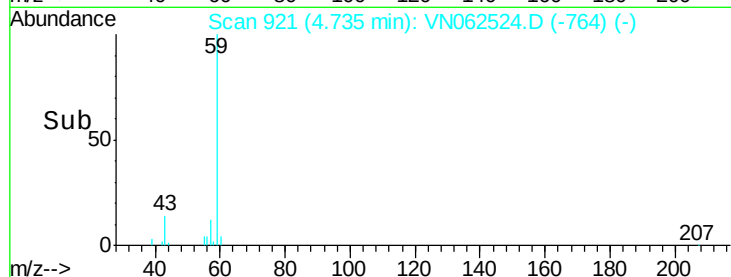
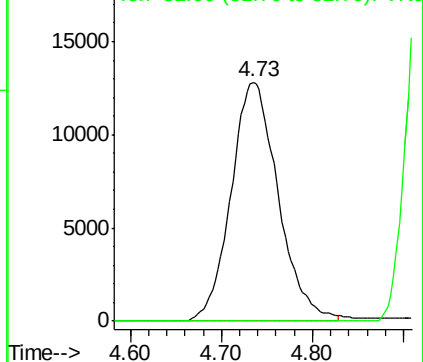
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 15.760 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062524.D

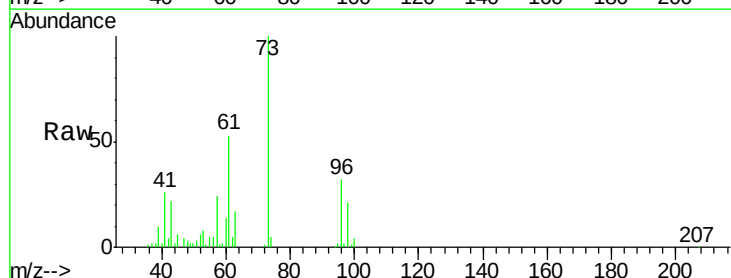
Acq: 14 Jul 2020 12:00

Tgt Ion: 73 Resp: 150105

Ion Ratio Lower Upper

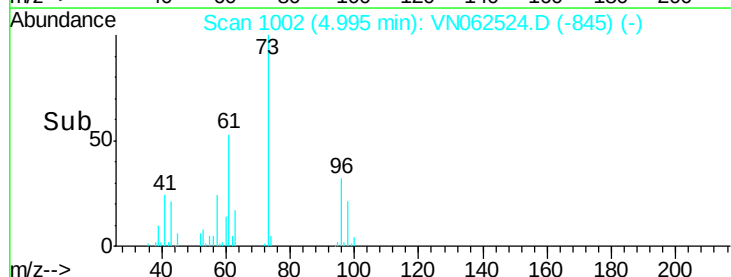
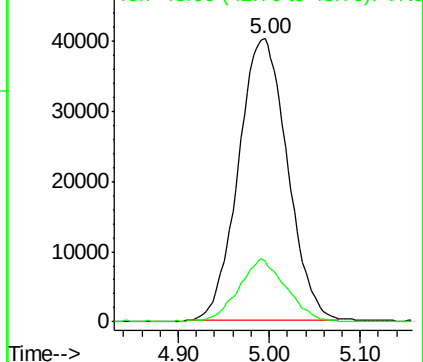
73 100

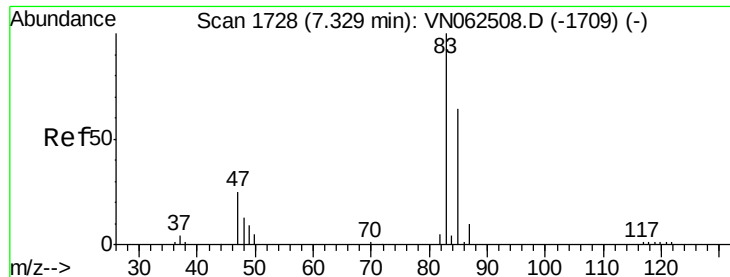
43 21.8 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

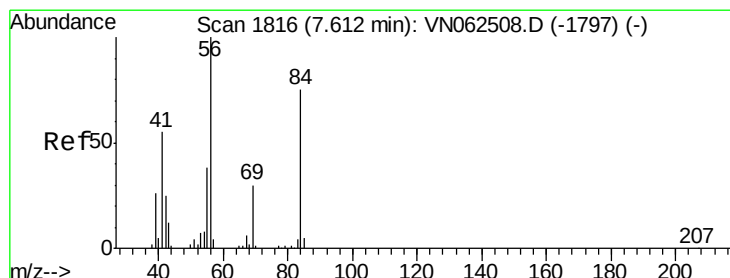
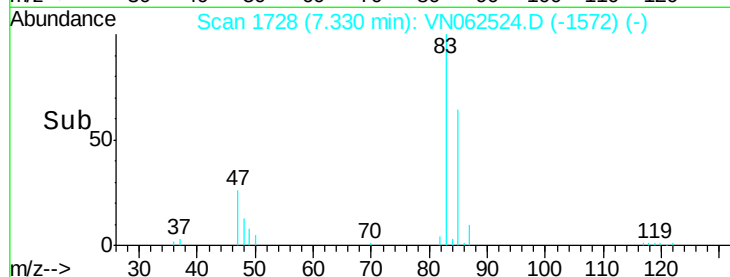
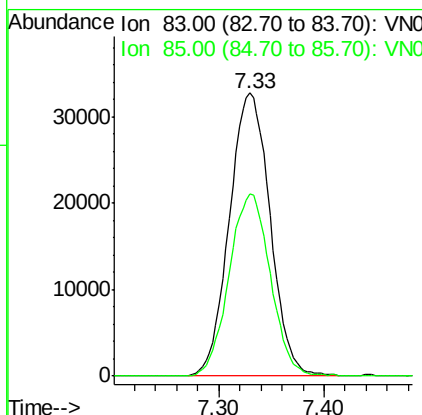
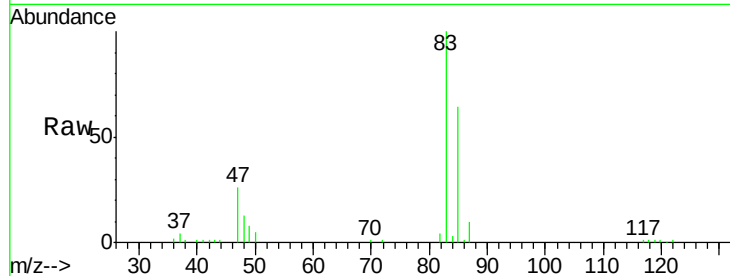




#25
Chloroform
Concen: 16.049 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

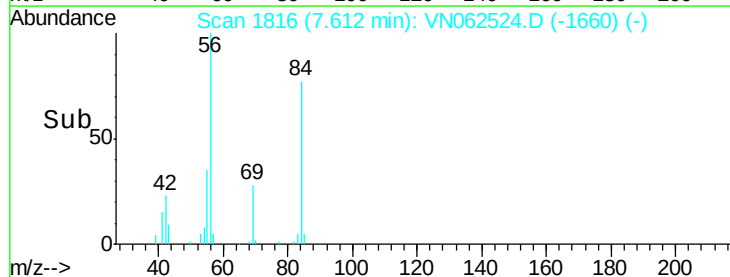
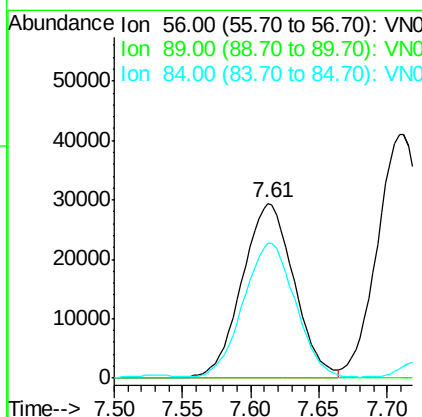
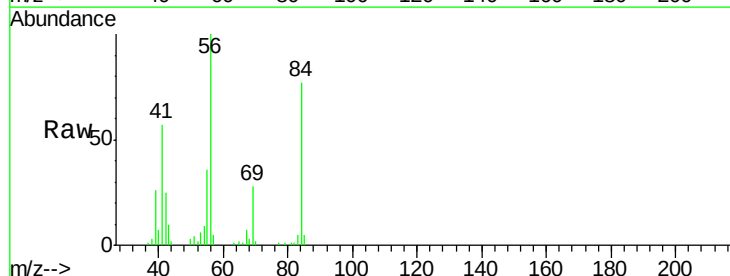
Instrument :
MSVOA_N
ClientSampled :
VN0714WBSD01

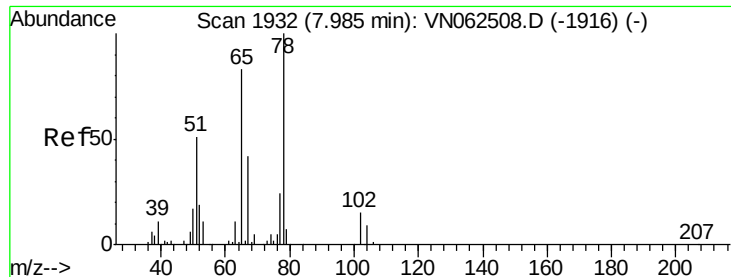
Tot Ion: 83 Resp: 87887
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4



#26
Cyclohexane
Concen: 14.786 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 56 Resp: 77820
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.0 61.1 91.7

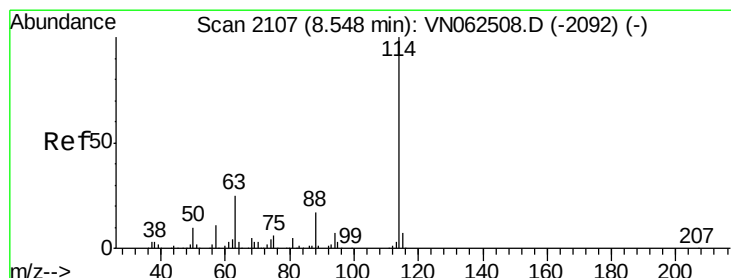
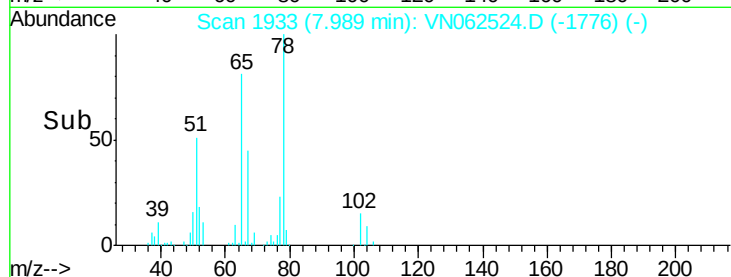
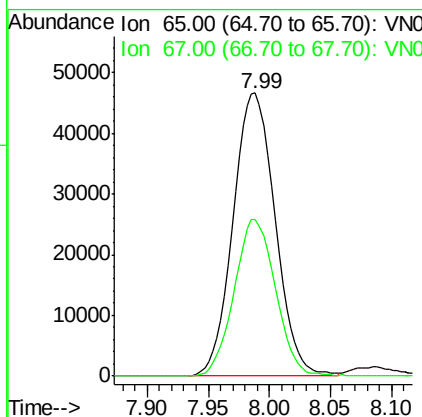
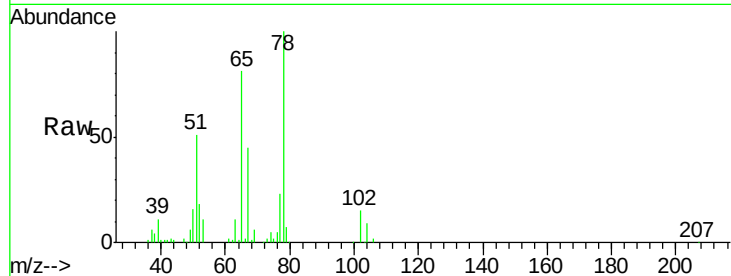




#27
 1,2-Dichloroethane-d4
 Concen: 29.018 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

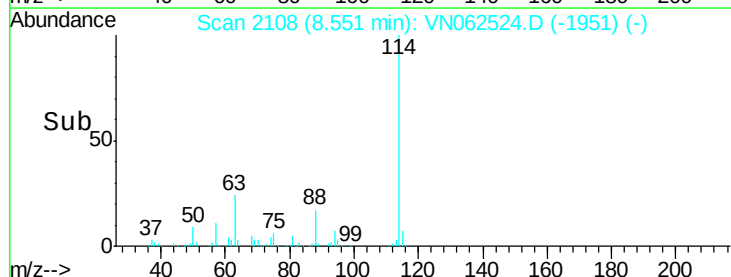
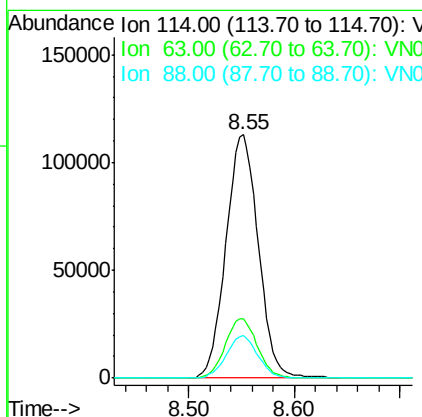
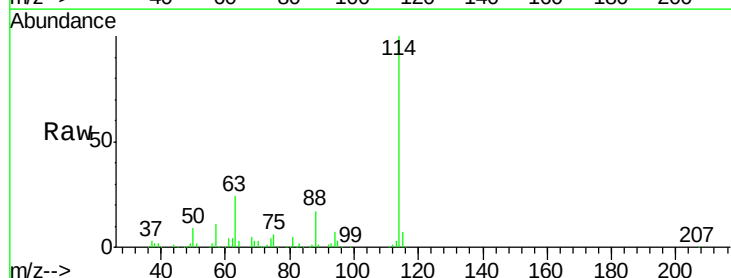
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

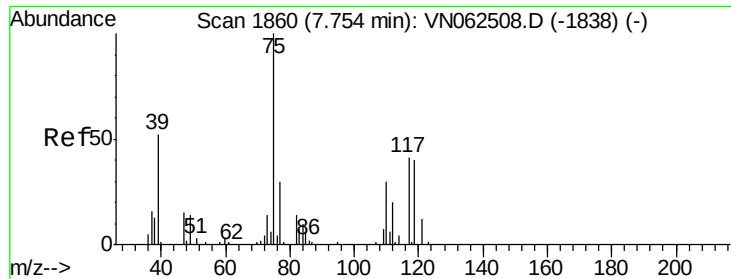
Tot Ion: 65 Resp: 111831
 Ion Ratio Lower Upper
 65 100
 67 54.0 41.7 62.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 114 Resp: 239638
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.0
 88 17.0 13.5 20.3





#29

1,1-Dichloropropene

Concen: 15.699 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0714WBSD01

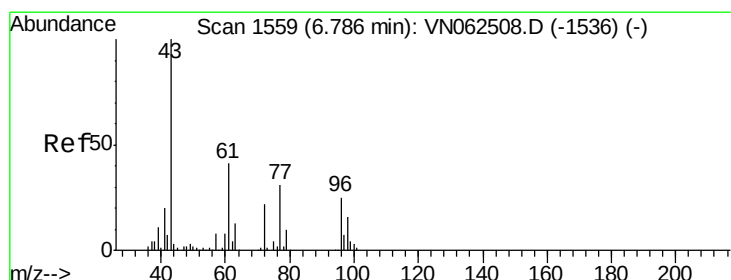
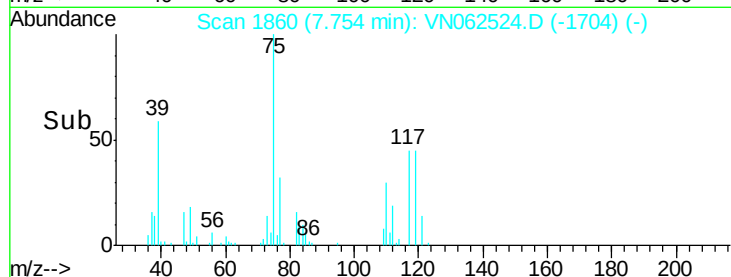
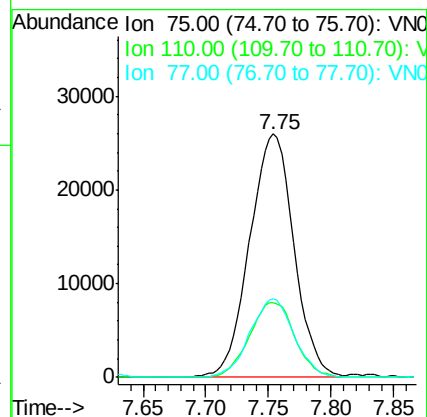
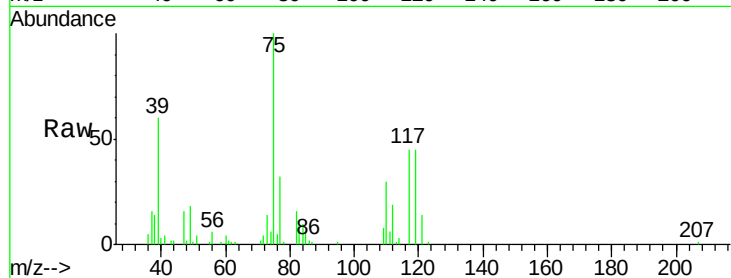
Tot Ion: 75 Resp: 63813

Ion Ratio Lower Upper

75 100

110 31.5 0.0 62.4

77 32.0 0.0 62.8



#30

2-Butanone

Concen: 82.854 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

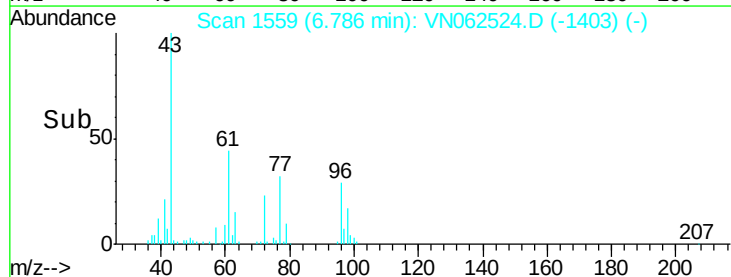
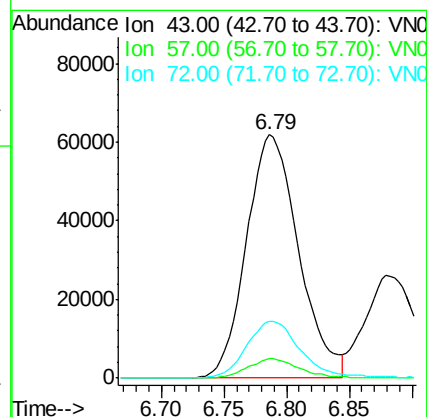
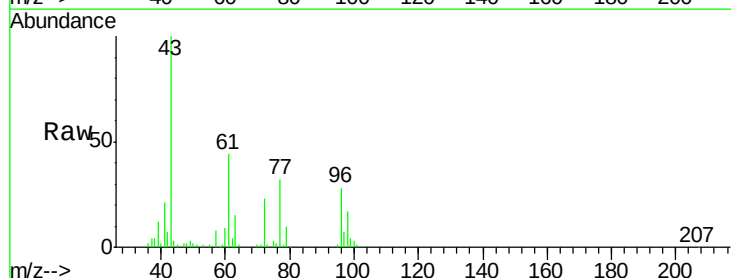
Tgt Ion: 43 Resp: 178613

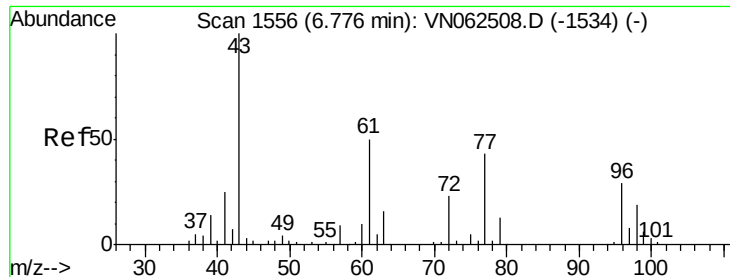
Ion Ratio Lower Upper

43 100

57 7.9 6.6 9.8

72 24.1 18.5 27.7

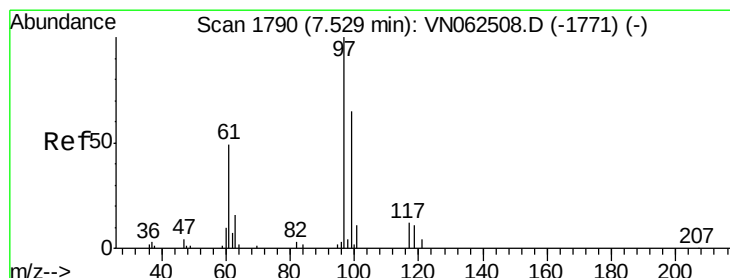
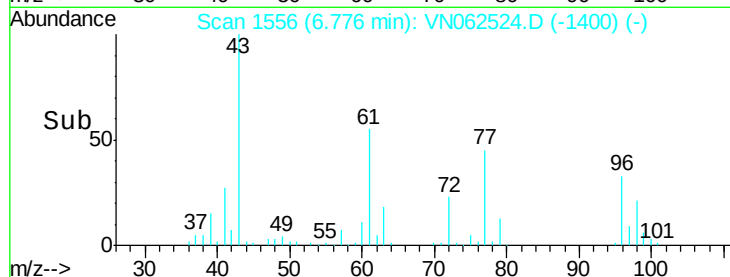
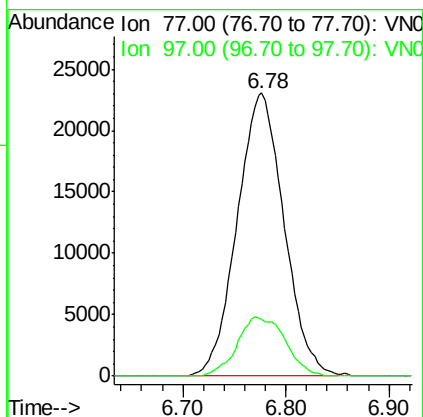
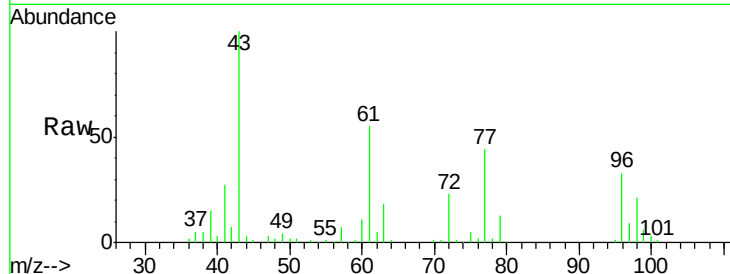




#31
 2,2-Dichloropropane
 Concen: 15.851 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

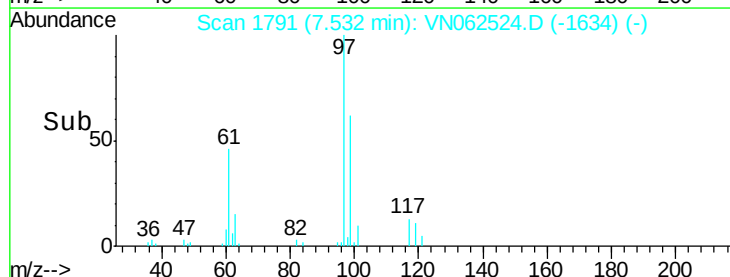
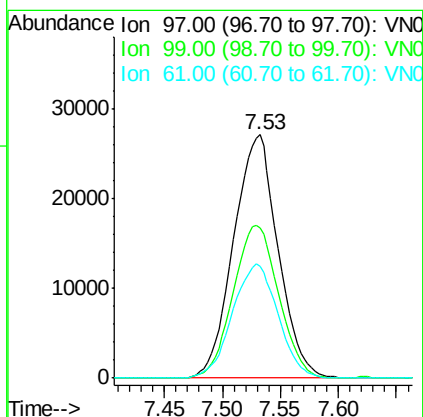
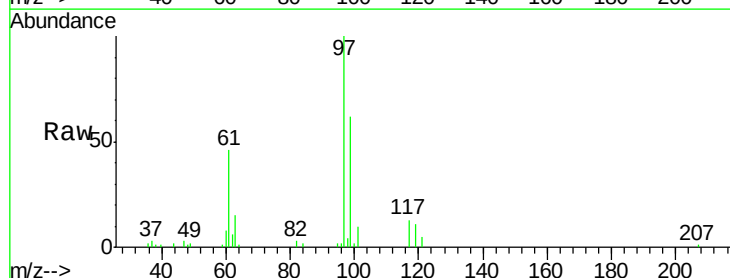
Instrument :
 MSVOA_N
 ClientSampled :
 VN0714WBSD01

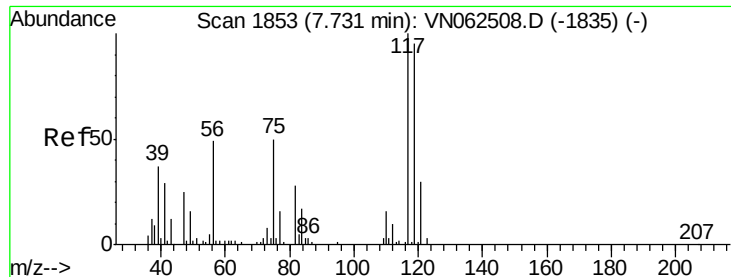
Tot Ion: 77 Resp: 72649
 Ion Ratio Lower Upper
 77 100
 97 13.7 8.6 12.8#



#32
 1,1,1-Trichloroethane
 Concen: 16.565 ug/l
 RT: 7.53 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 97 Resp: 72371
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.8
 61 47.9 39.4 59.0

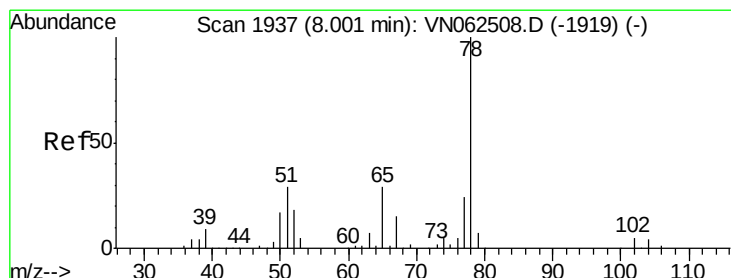
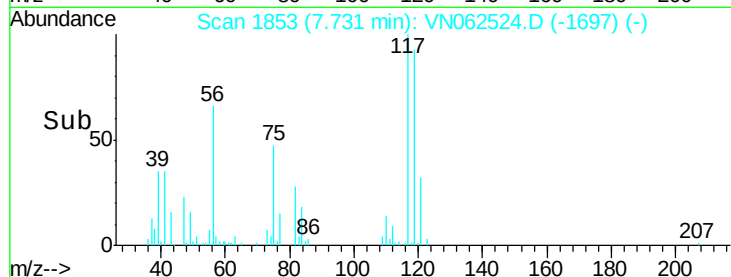
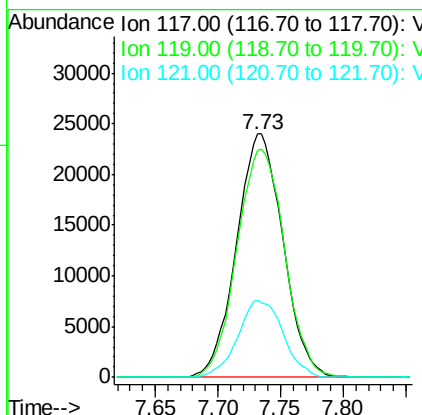
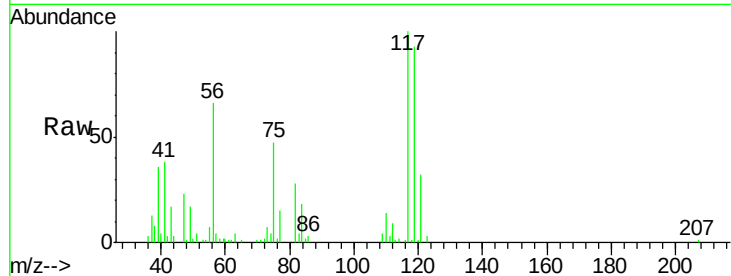




#33
Carbon Tetrachloride
Concen: 16.319 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

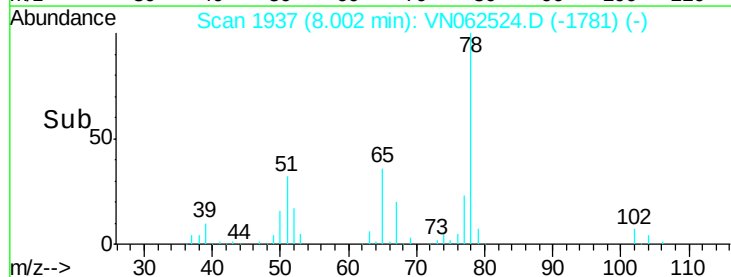
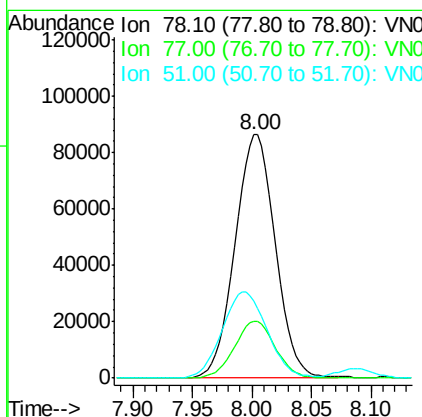
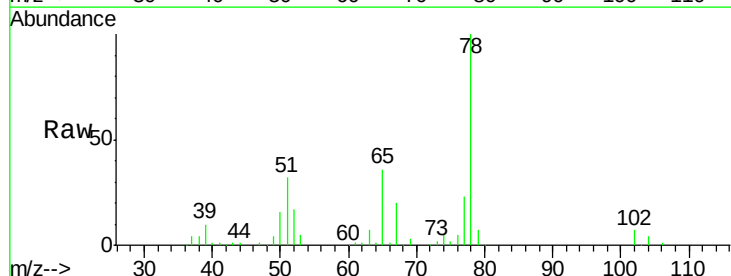
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

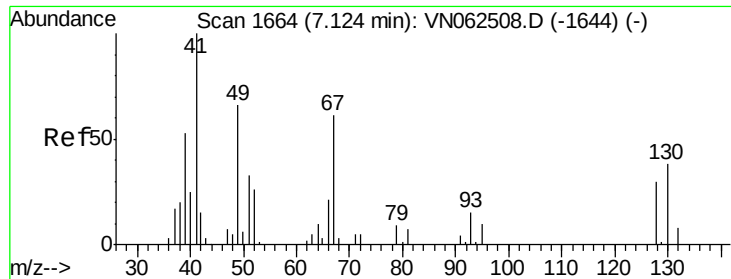
Tot Ion:117 Resp: 61803
Ion Ratio Lower Upper
117 100
119 93.4 76.2 114.4
121 31.6 23.8 35.6



#34
Benzene
Concen: 16.748 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 78 Resp: 202249
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3
51 31.0 23.1 34.7

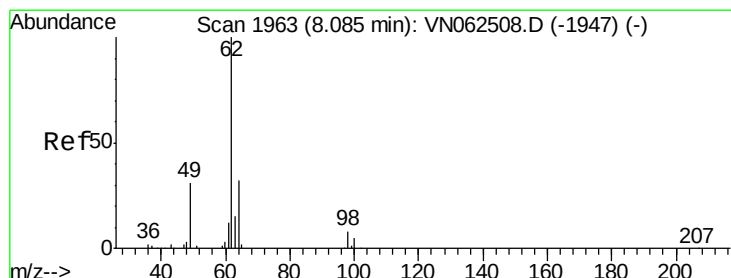
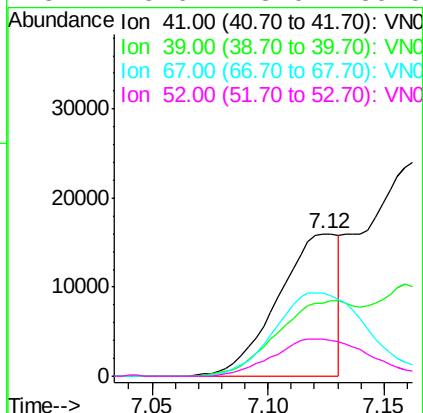
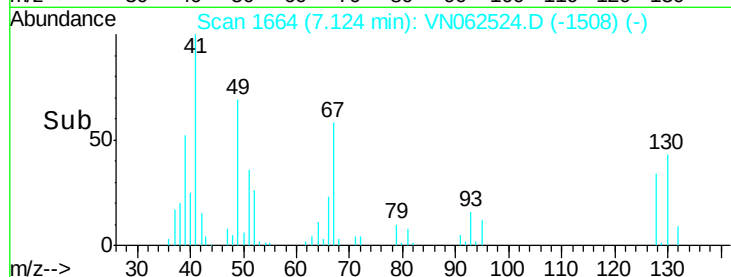
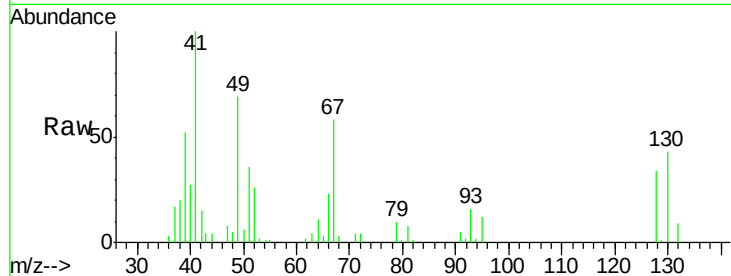




#35
Methacrylonitrile
Concen: 15.298 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

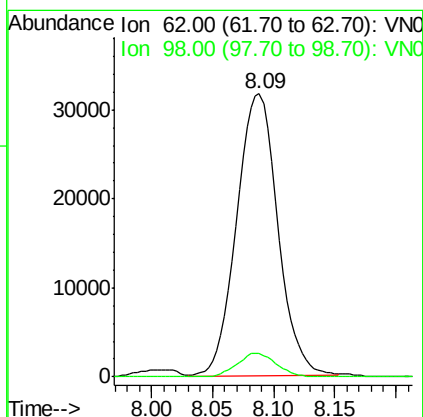
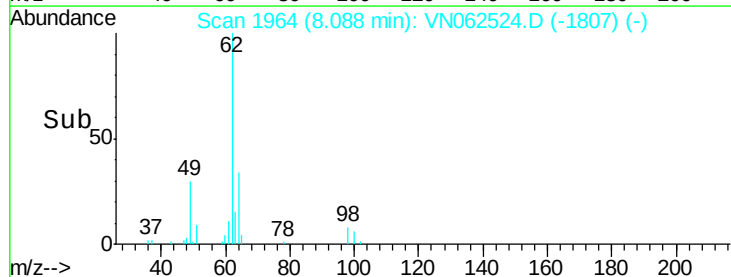
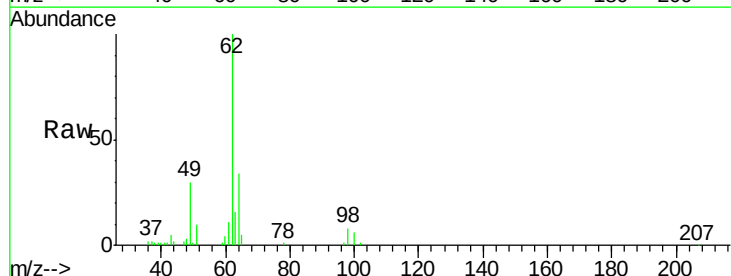
Instrument :
MSVOA_N
ClientSampled :
VN0714WBSD01

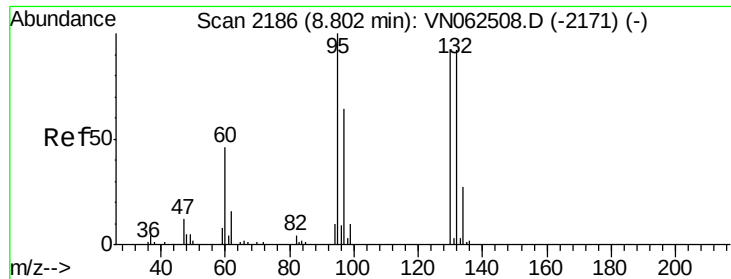
Tot Ion:	41	Resp:	28968
Ion	Ratio	Lower	Upper
41	100		
39	51.6	26.5	79.5
67	58.1	30.7	92.1
52	25.6	13.0	39.0



#36
1,2-Dichloroethane
Concen: 17.004 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion:	62	Resp:	73806
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.6	9.8





#37

Trichloroethene

Concen: 16.610 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

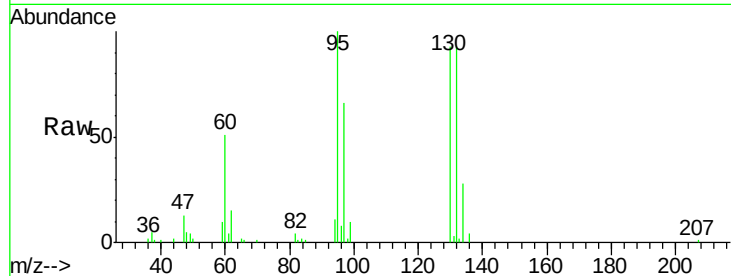
VN0714WBSD01

Tot Ion:130 Resp: 45054

Ion Ratio Lower Upper

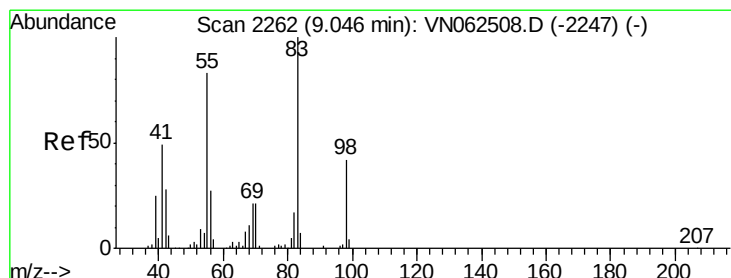
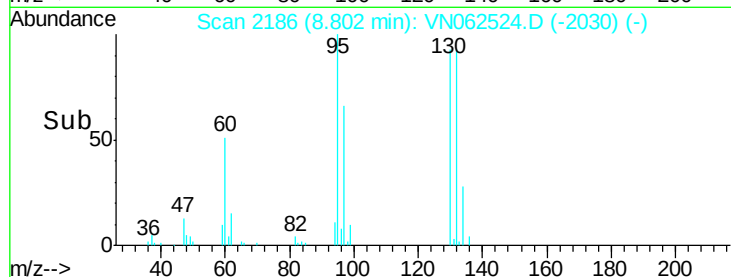
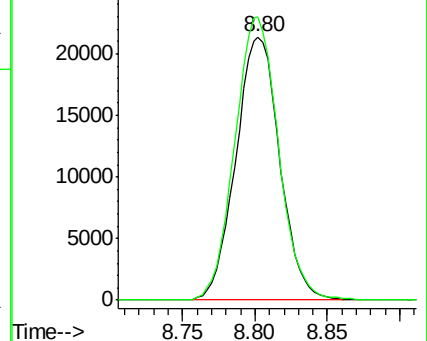
130 100

95 107.4 86.5 129.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 15.215 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

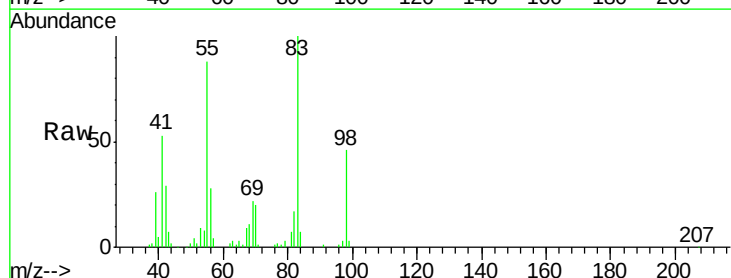
Tgt Ion: 83 Resp: 69380

Ion Ratio Lower Upper

83 100

55 86.2 42.8 128.3

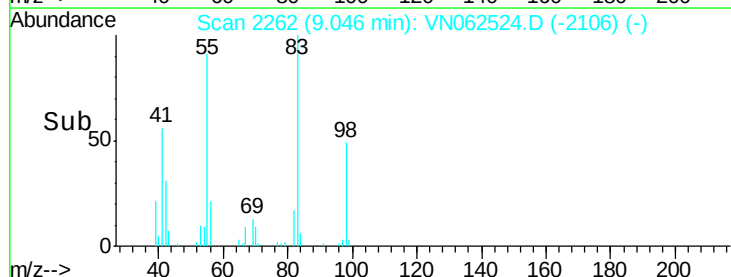
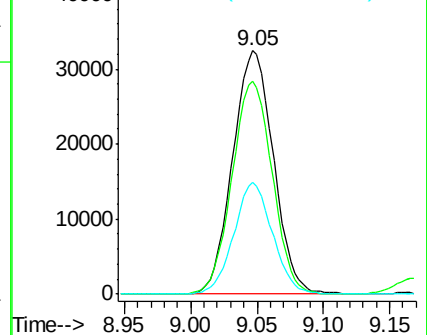
98 43.4 21.9 65.7

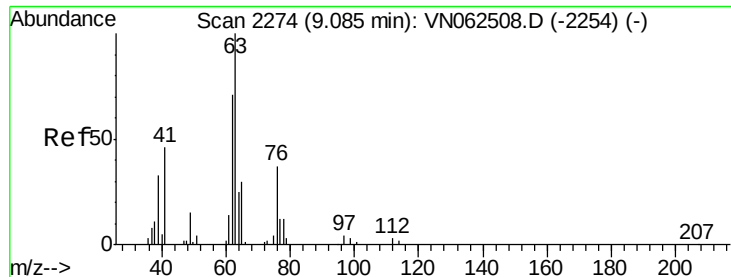


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 17.003 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

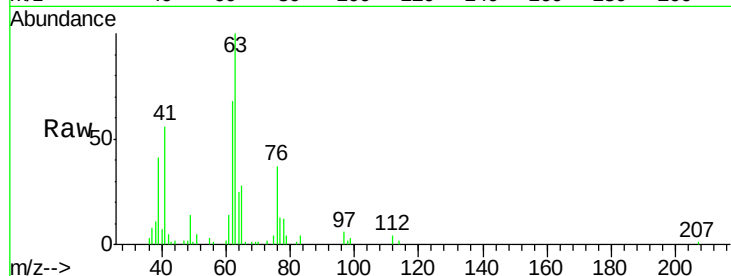
VN0714WBSD01

Tot Ion: 63 Resp: 58498

Ion Ratio Lower Upper

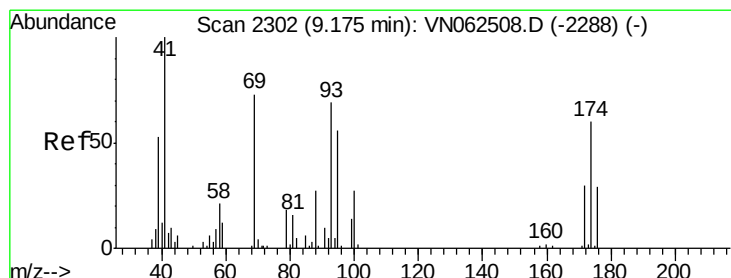
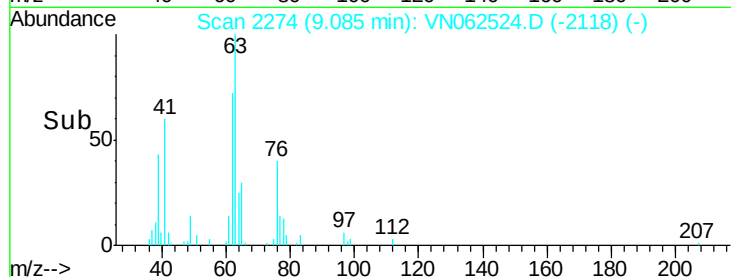
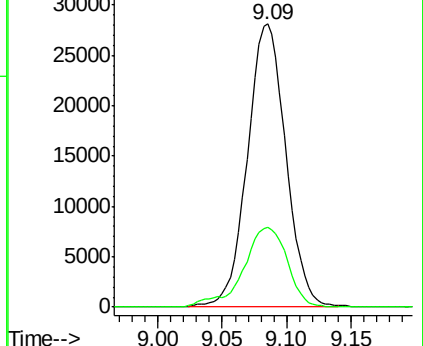
63 100

65 28.2 24.2 36.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 17.096 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

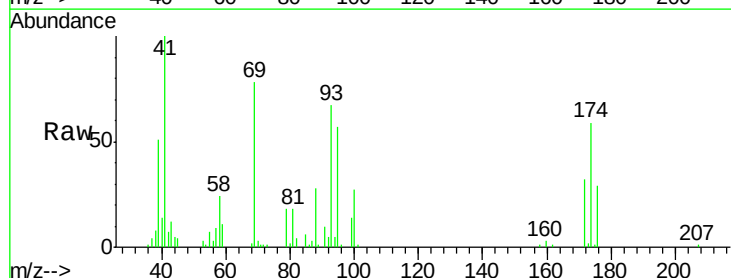
Tgt Ion: 93 Resp: 33898

Ion Ratio Lower Upper

93 100

95 83.7 0.0 161.2

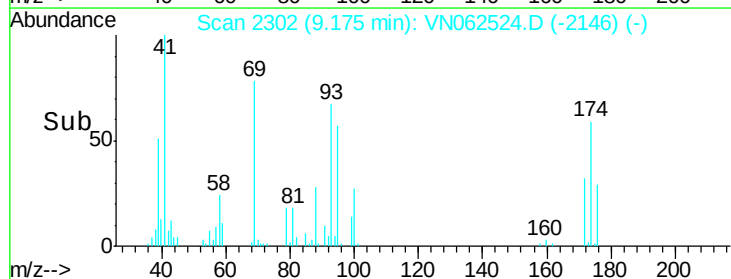
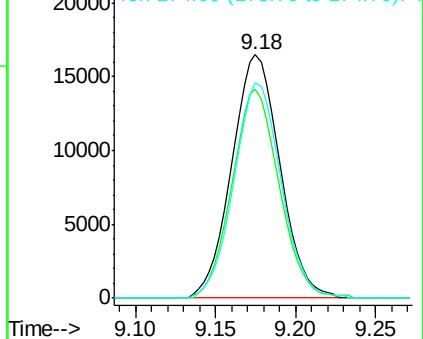
174 86.5 0.0 178.0

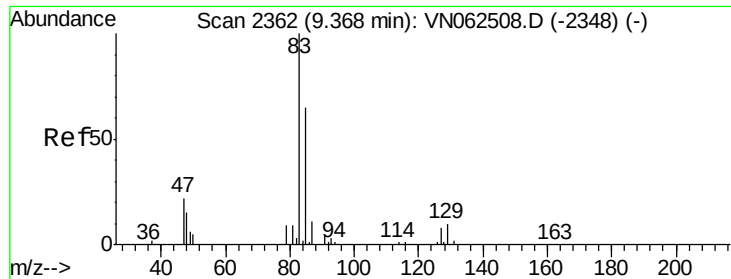


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

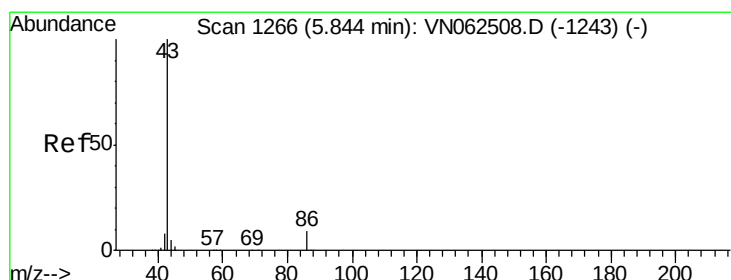
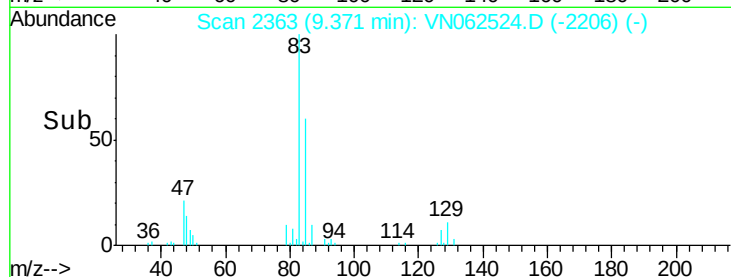
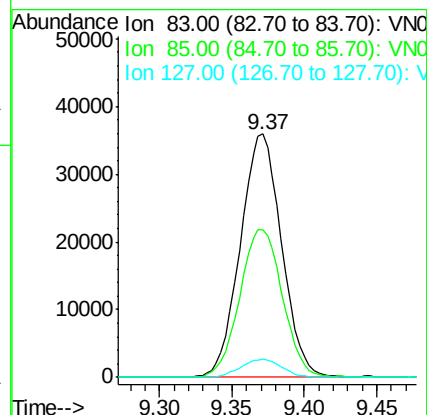
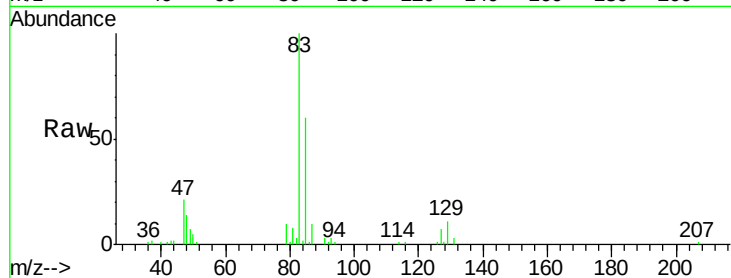




#41
 Bromodichloromethane
 Concen: 16.915 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

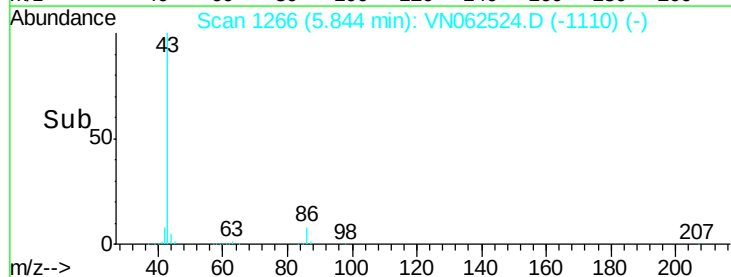
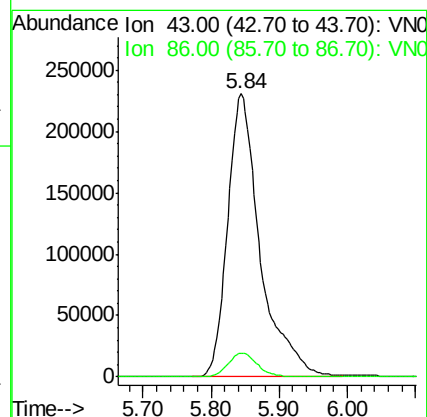
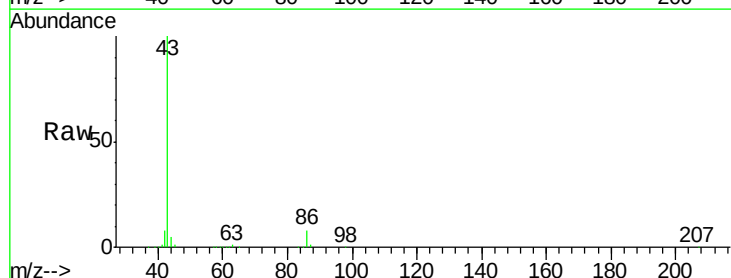
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

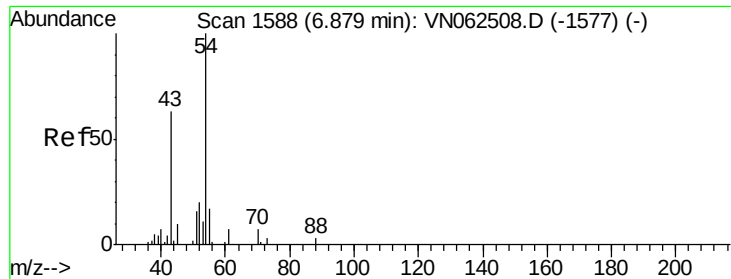
Tot Ion: 83 Resp: 71134
 Ion Ratio Lower Upper
 83 100
 85 60.5 51.6 77.4
 127 7.4 6.3 9.5



#42
 Vinyl Acetate
 Concen: 85.567 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 43 Resp: 766519
 Ion Ratio Lower Upper
 43 100
 86 3.6 6.1 9.1#

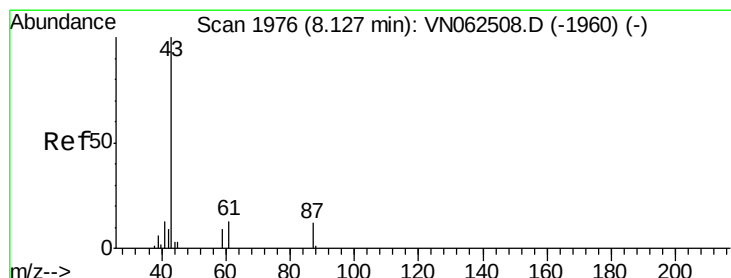
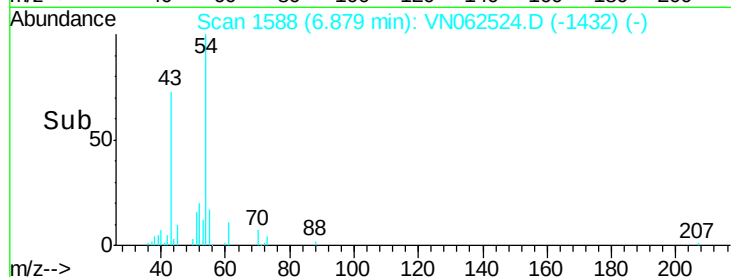
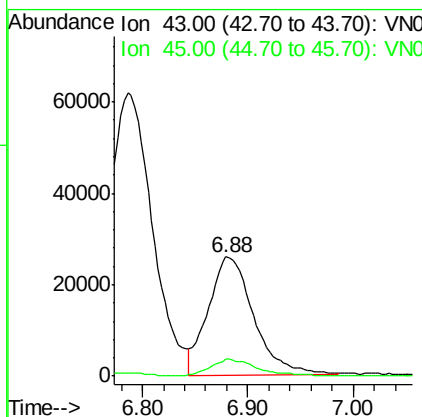
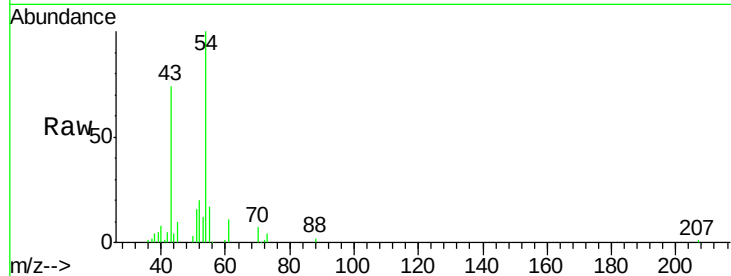




#43
Ethyl Acetate
Concen: 17.836 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

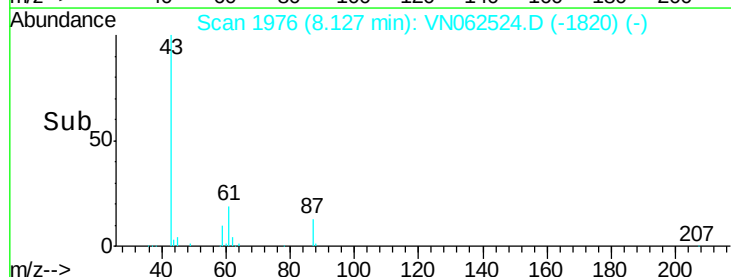
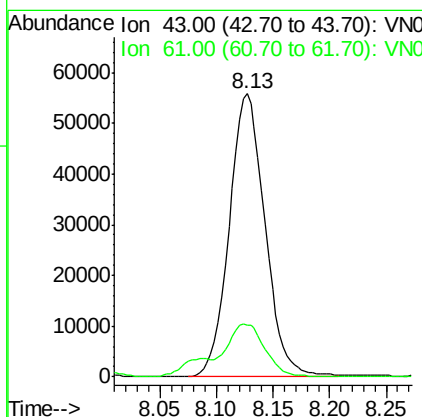
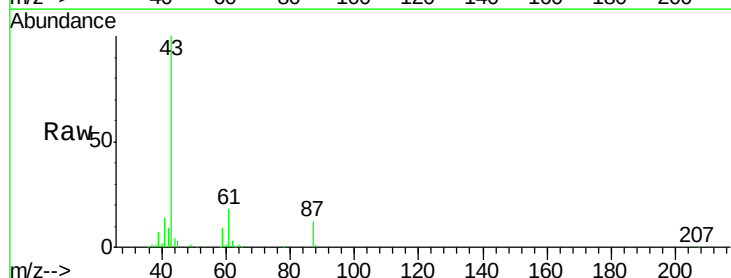
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

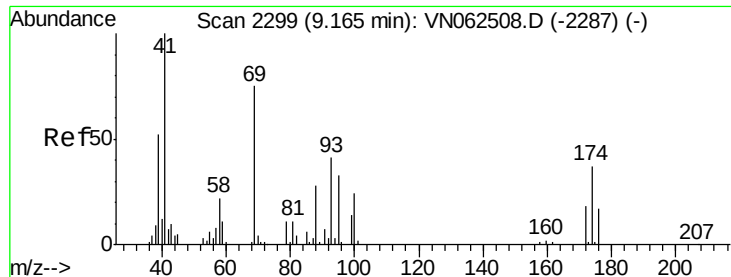
Tot Ion: 43 Resp: 77302
Ion Ratio Lower Upper
43 100
45 15.0 10.2 15.4



#44
Isopropyl Acetate
Concen: 16.941 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 43 Resp: 123192
Ion Ratio Lower Upper
43 100
61 19.5 14.7 22.1

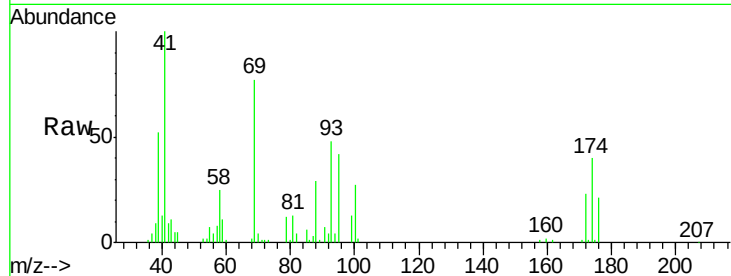




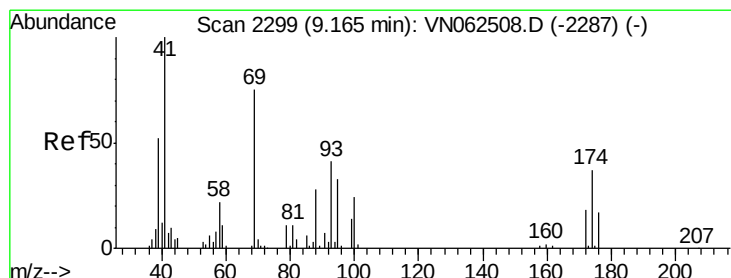
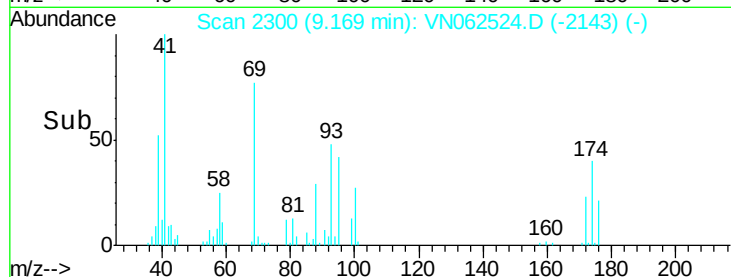
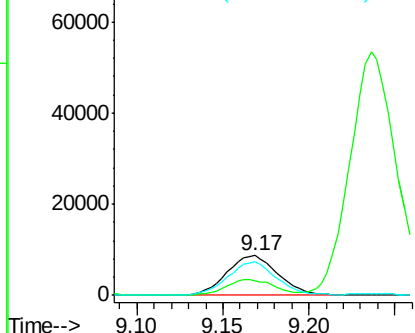
#45
 1,4-Dioxane
 Concen: 363.470 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

Tot Ion: 88 Resp: 18080
 Ion Ratio Lower Upper
 88 100
 43 38.4 29.2 43.8
 58 81.0 62.2 93.4

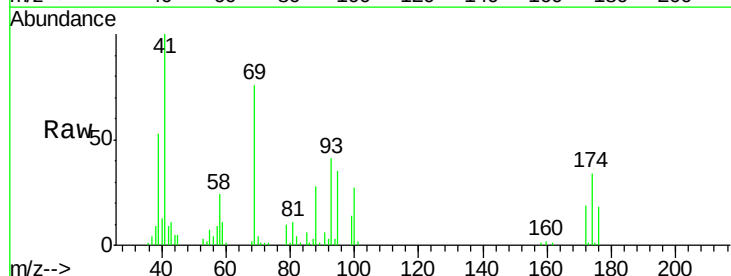


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

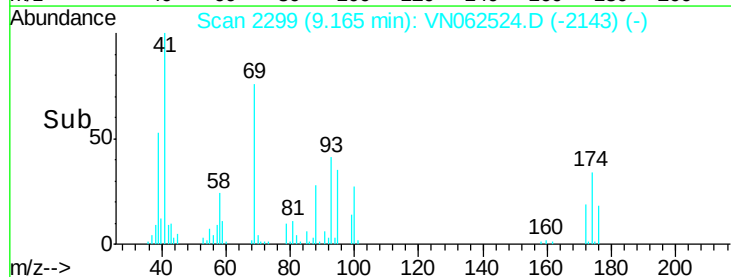
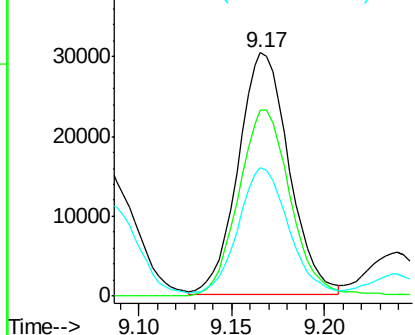


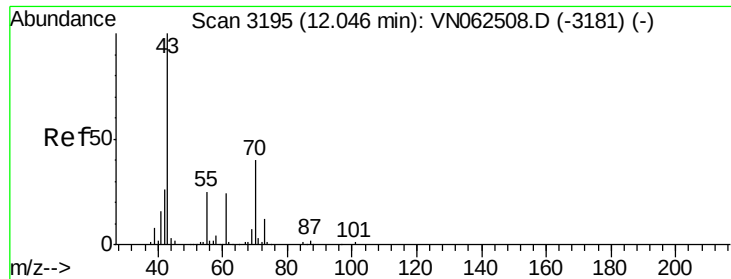
#46
 Methyl methacrylate
 Concen: 16.787 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 41 Resp: 57912
 Ion Ratio Lower Upper
 41 100
 69 77.8 37.4 112.2
 39 52.1 25.9 77.6



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





#47

n-amyl Acetate

Concen: 16.056 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

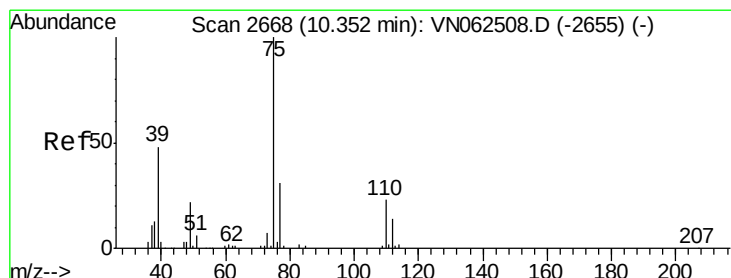
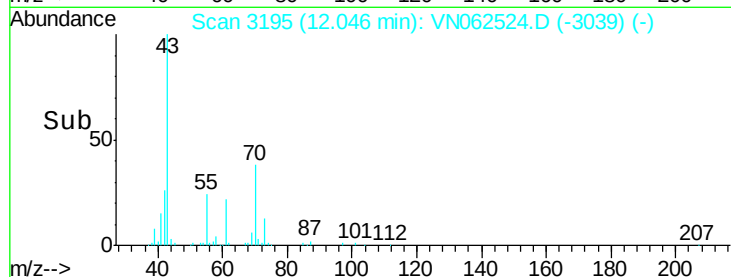
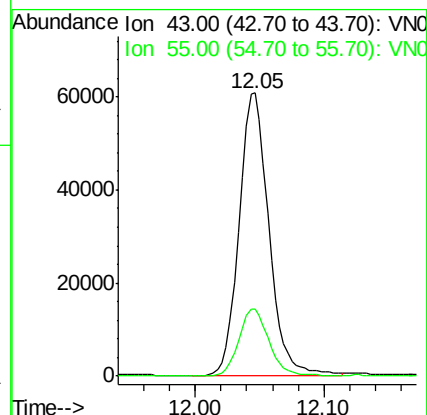
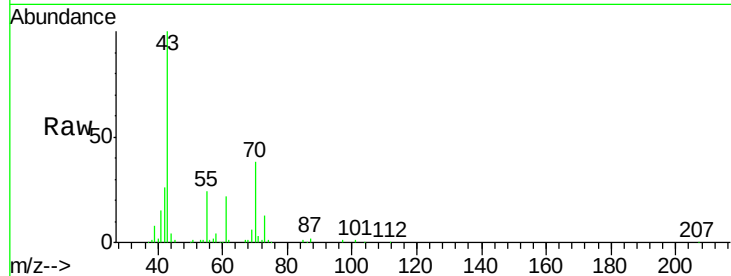
VN0714WBSD01

Tot Ion: 43 Resp: 98418

Ion Ratio Lower Upper

43 100

55 24.1 20.4 30.6



#48

t-1,3-Dichloropropene

Concen: 15.812 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062524.D

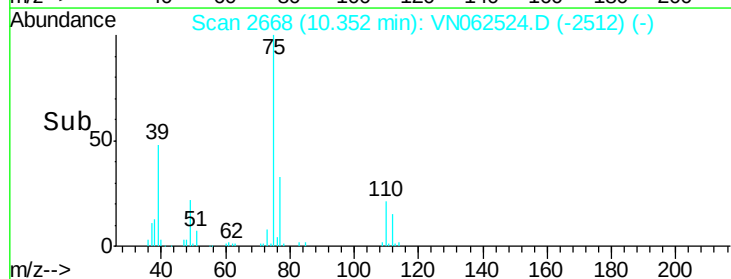
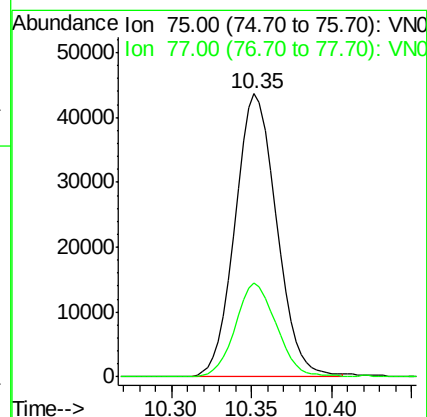
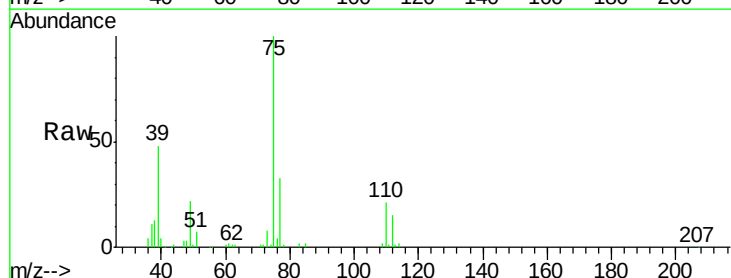
Acq: 14 Jul 2020 12:00

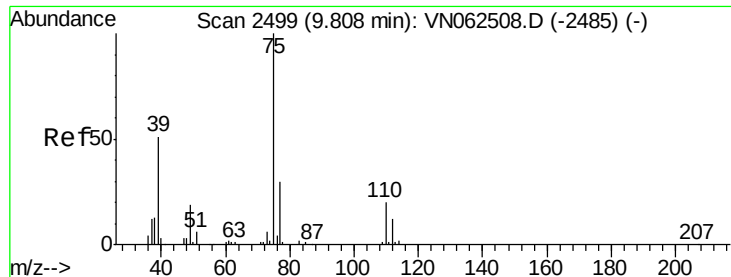
Tgt Ion: 75 Resp: 77561

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4

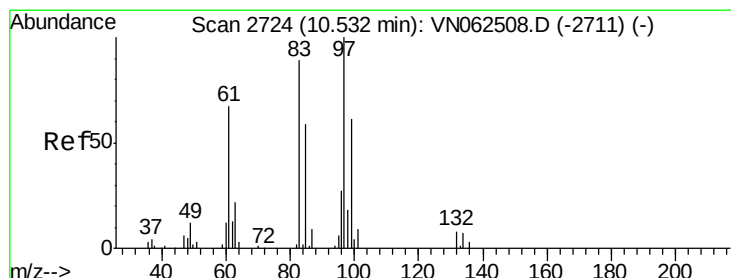
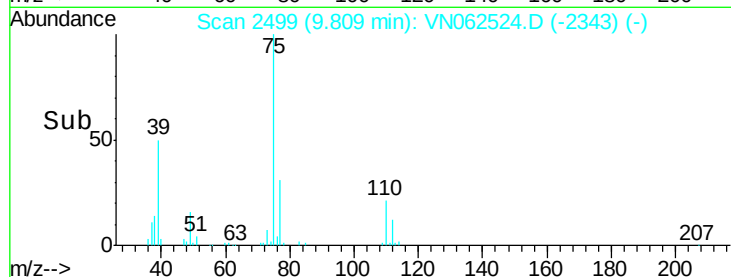
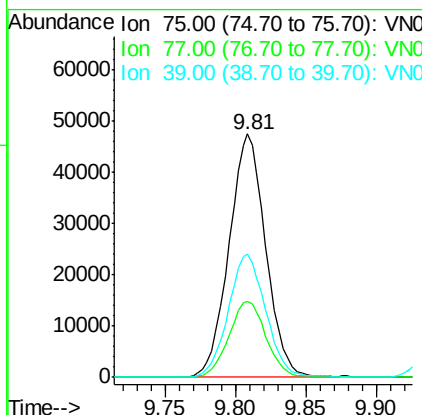
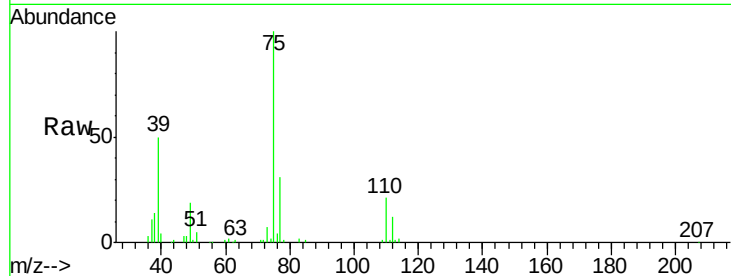




#49
 cis-1,3-Dichloropropene
 Concen: 16.323 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

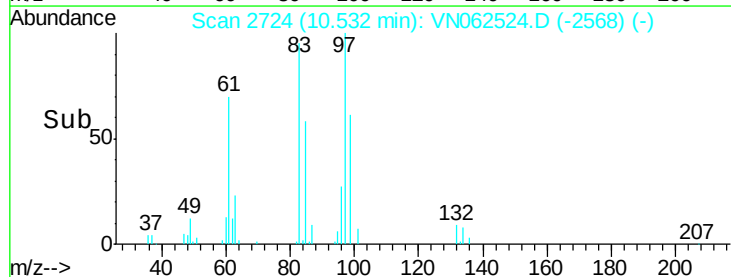
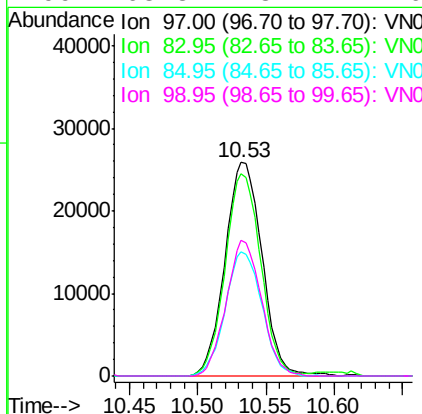
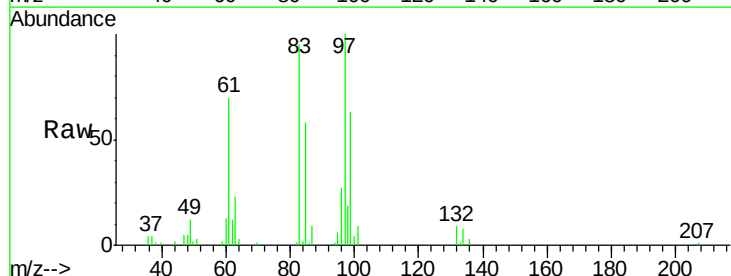
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

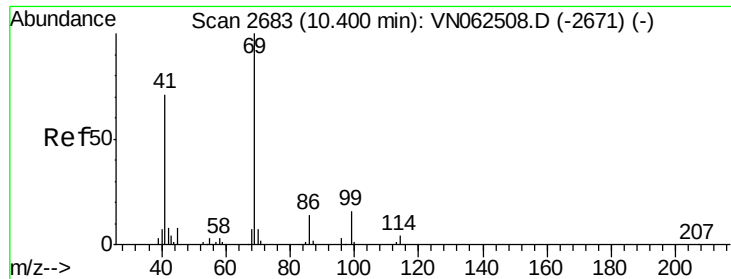
Tot Ion: 75 Resp: 86430
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.7 35.5
 39 50.4 40.5 60.7



#50
 1,1,2-Trichloroethane
 Concen: 17.586 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 97 Resp: 48875
 Ion Ratio Lower Upper
 97 100
 83 94.6 71.3 106.9
 85 58.3 47.2 70.8
 99 63.3 48.4 72.6





#51

Ethyl methacrylate

Concen: 16.301 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

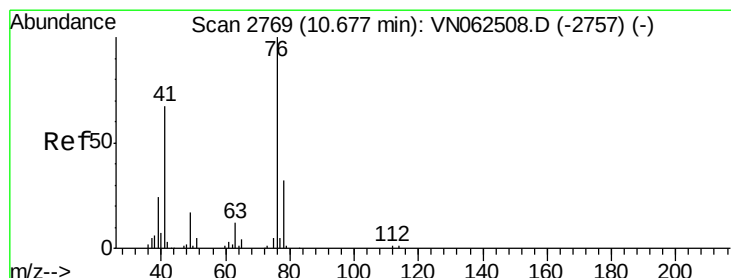
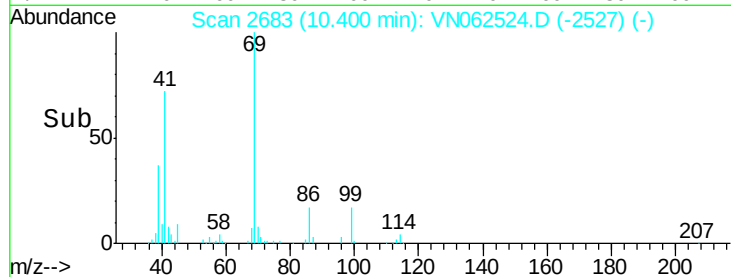
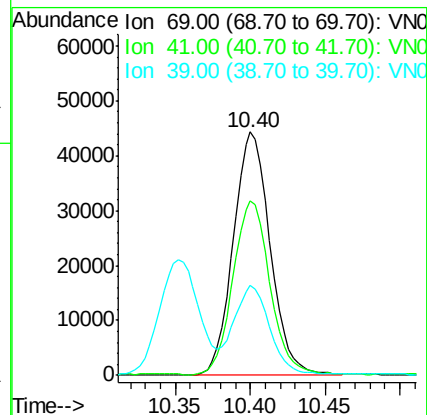
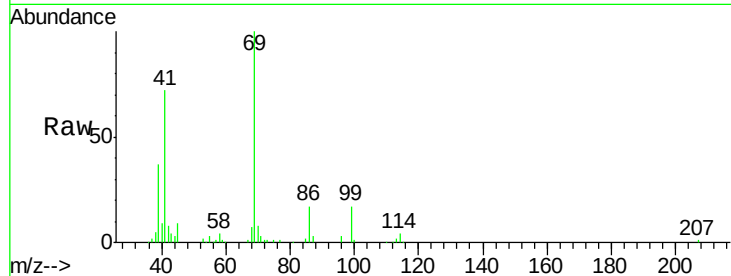
Tot Ion: 69 Resp: 76278

Ion Ratio Lower Upper

69 100

41 71.5 35.6 106.8

39 36.2 17.2 51.5



#52

1,3-Dichloropropane

Concen: 16.980 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062524.D

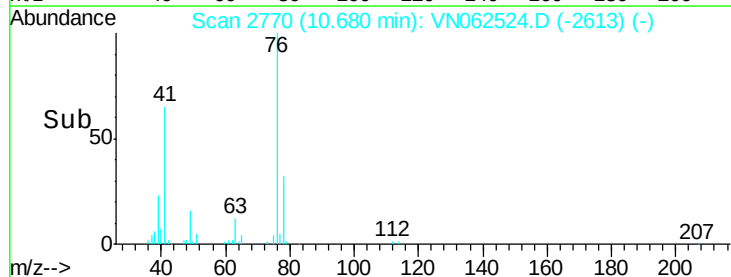
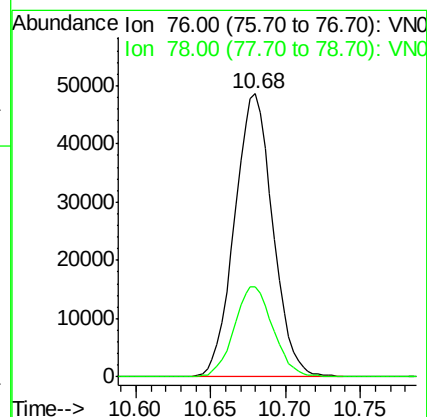
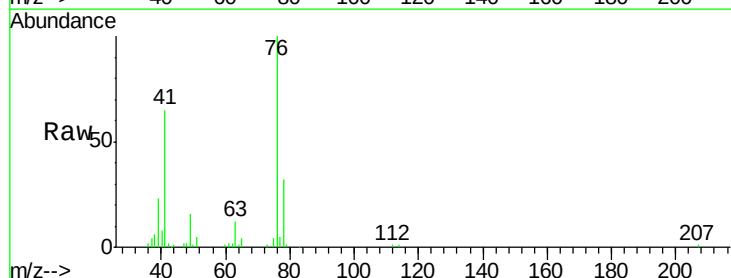
Acq: 14 Jul 2020 12:00

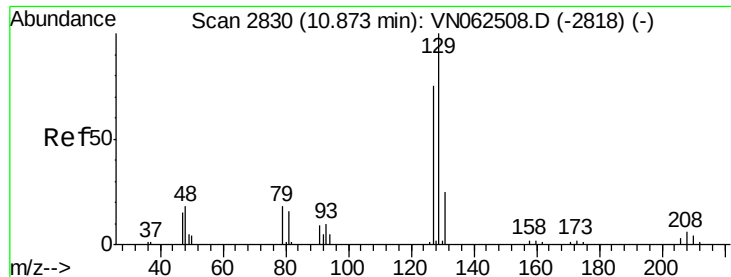
Tgt Ion: 76 Resp: 86613

Ion Ratio Lower Upper

76 100

78 32.1 0.0 63.6

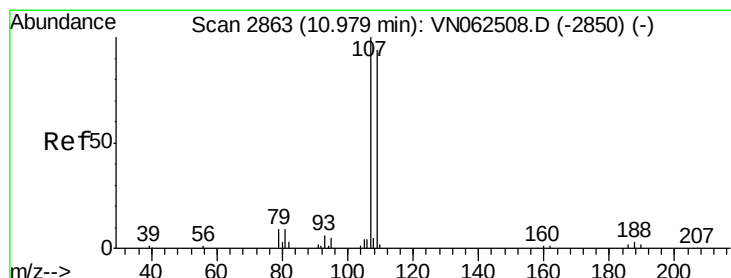
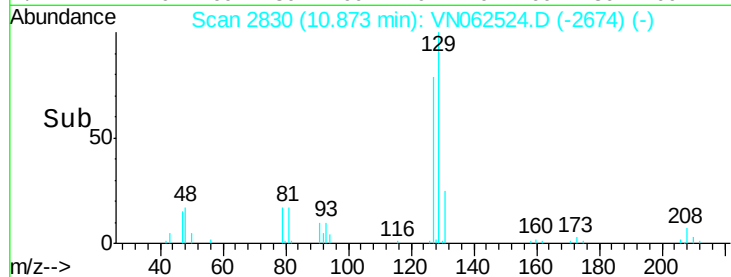
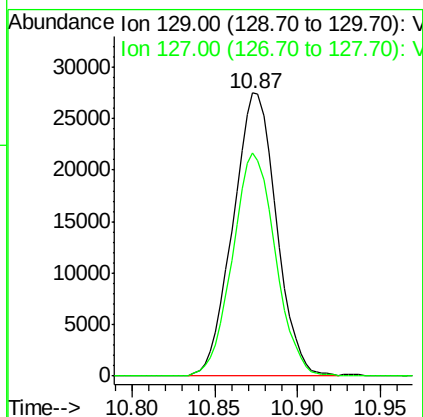
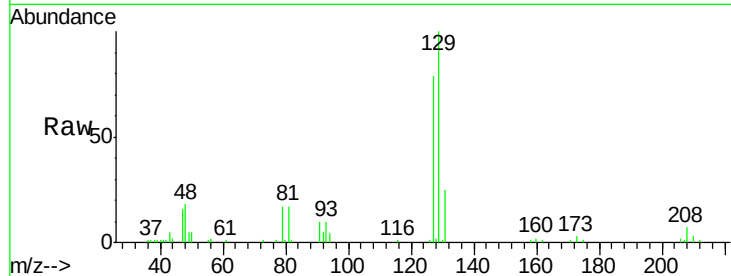




#53
 Dibromochloromethane
 Concen: 16.557 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

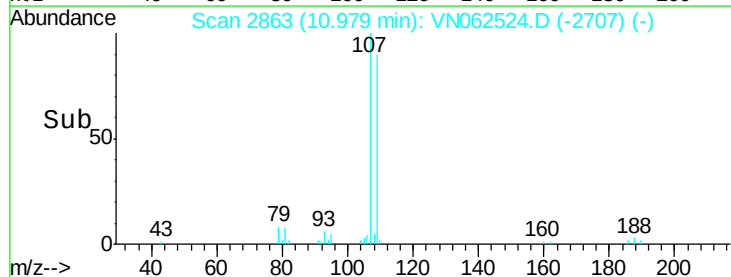
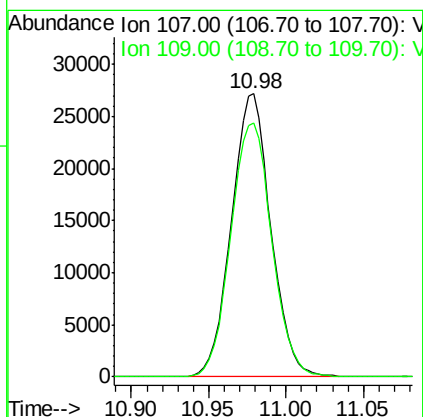
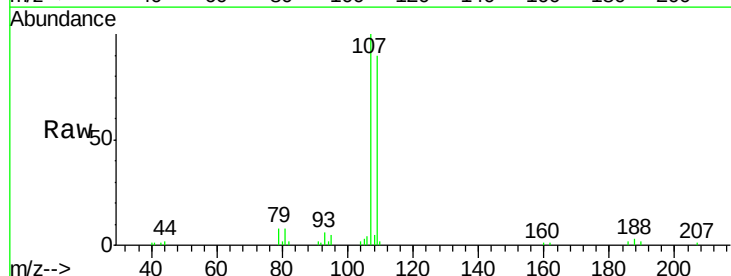
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

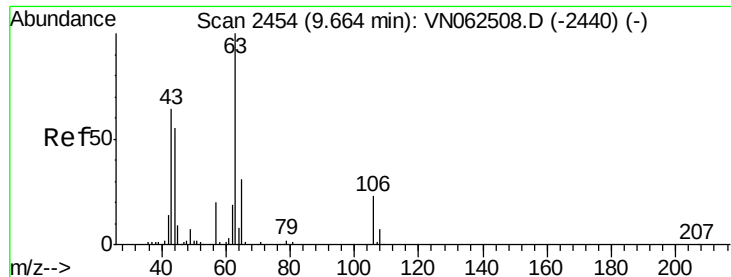
Tot Ion:129 Resp: 50135
 Ion Ratio Lower Upper
 129 100
 127 77.6 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 16.877 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion:107 Resp: 48009
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.8 112.2

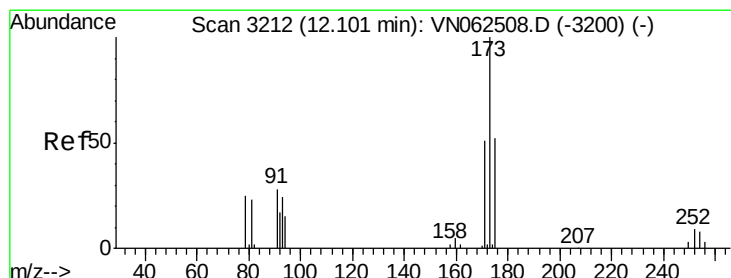
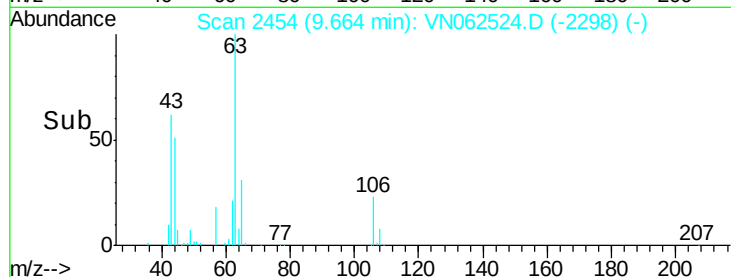
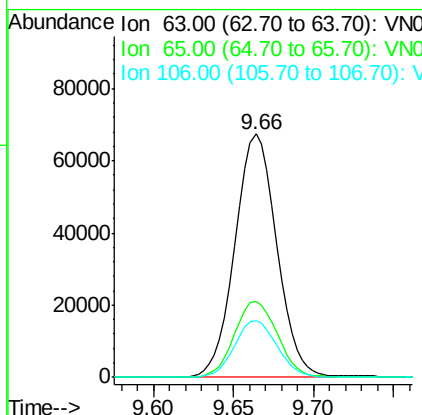
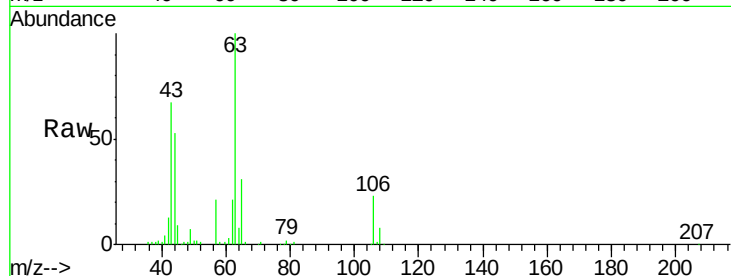




#55
2-Chloroethyl vinyl ether
Concen: 80.451 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

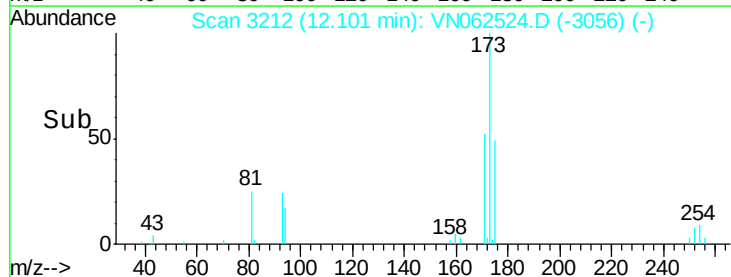
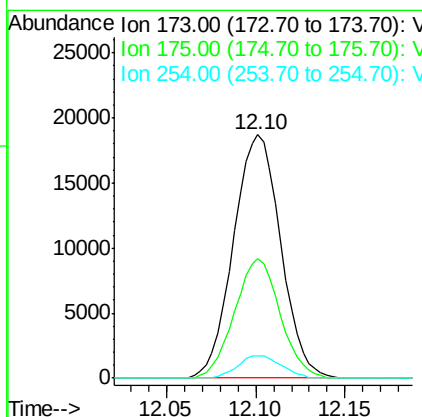
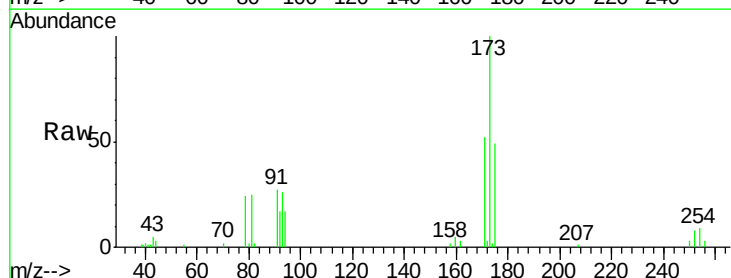
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

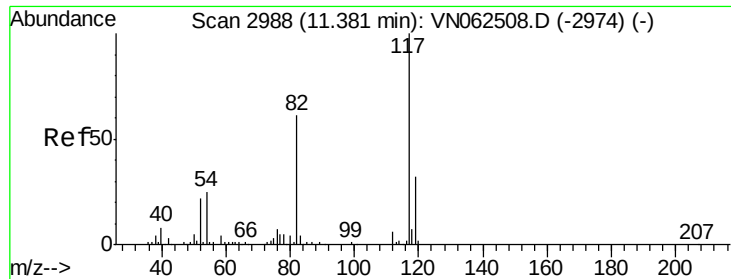
Tot Ion: 63 Resp: 120238
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2
106 23.7 18.4 27.6



#56
Bromoform
Concen: 16.682 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 173 Resp: 34502
Ion Ratio Lower Upper
173 100
175 47.3 38.1 57.1
254 8.3 6.2 9.2

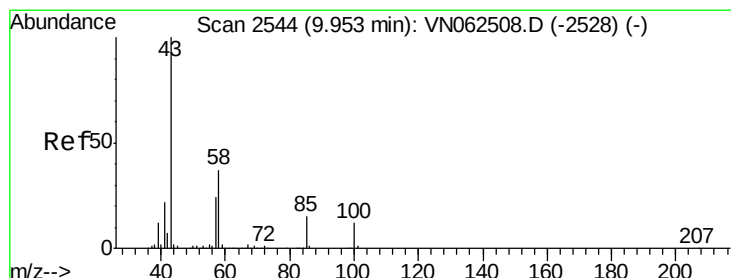
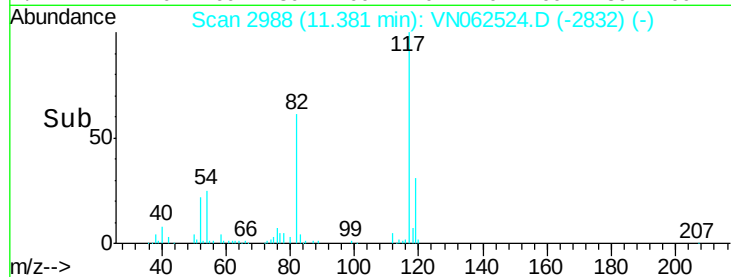
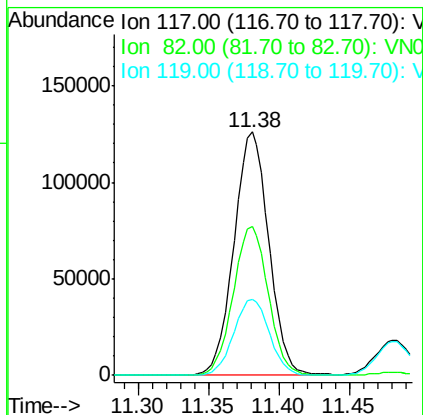
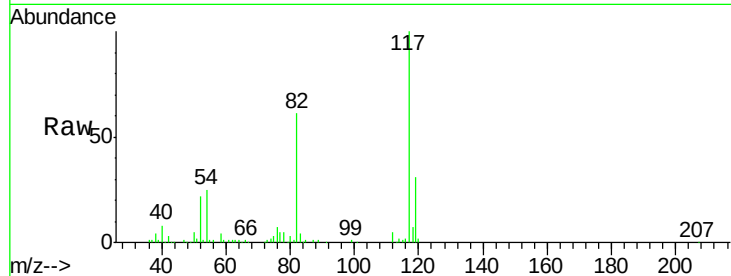




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

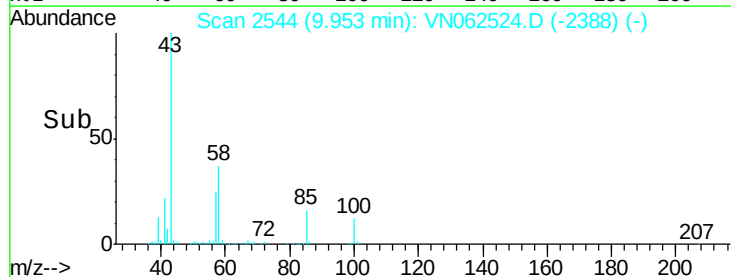
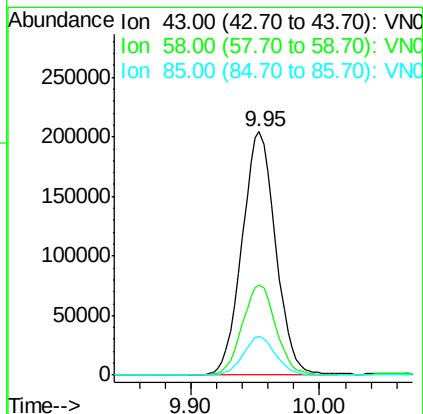
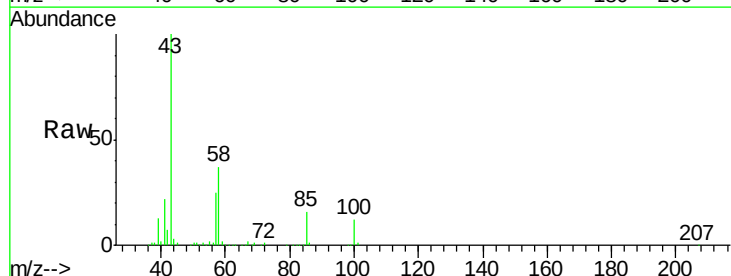
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

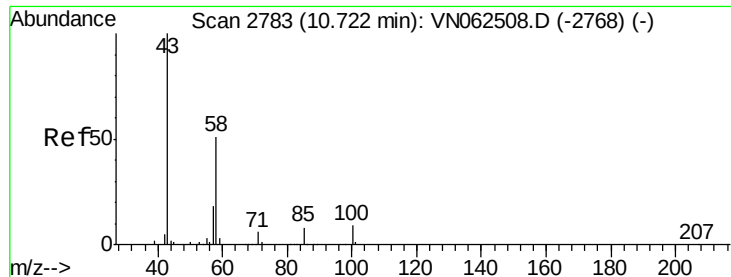
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.0	73.6
119	31.9	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 86.970 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.6	44.4
85	15.3	12.0	18.0

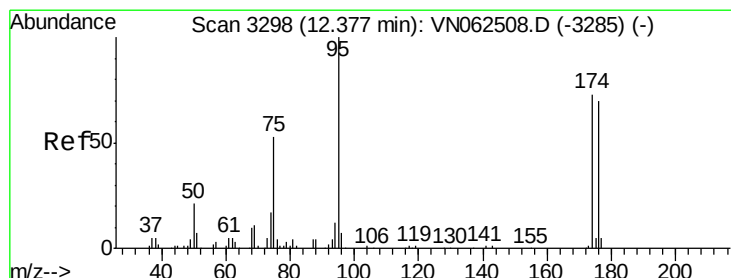
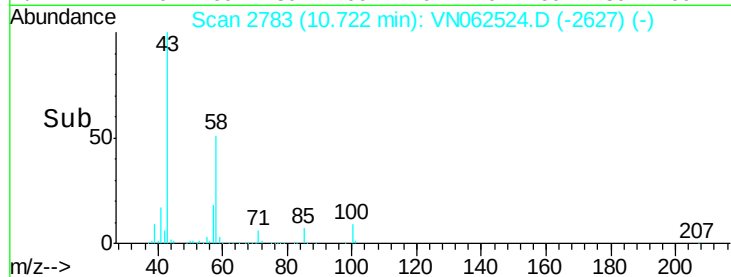
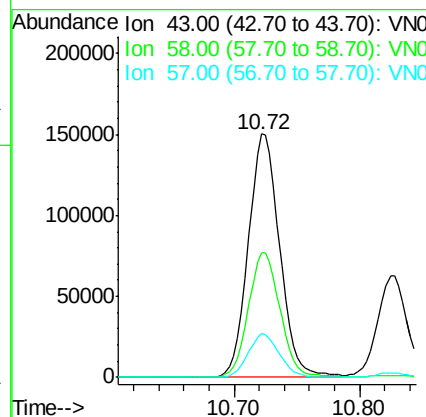
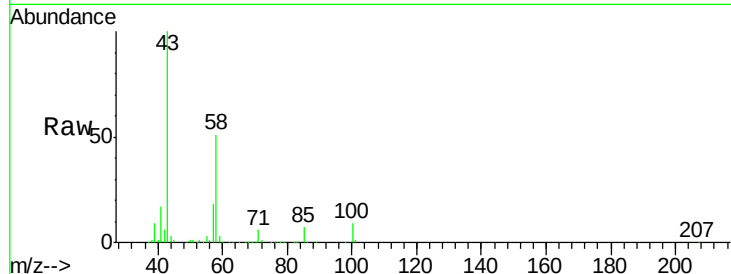




#59
2-Hexanone
Concen: 83.816 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

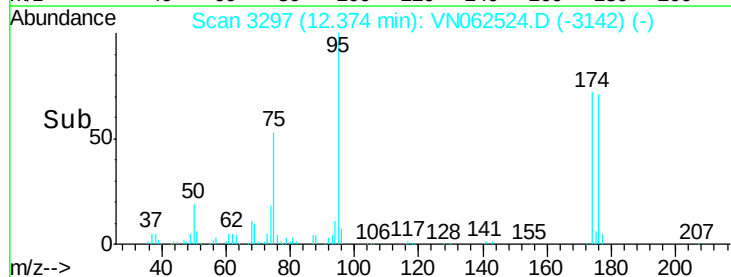
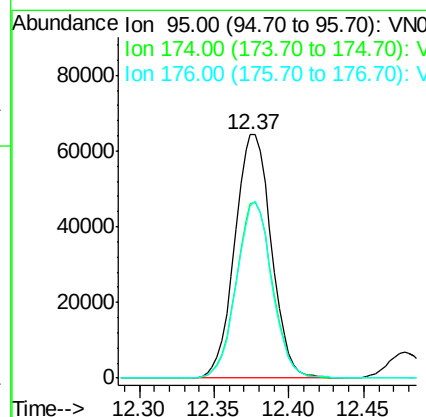
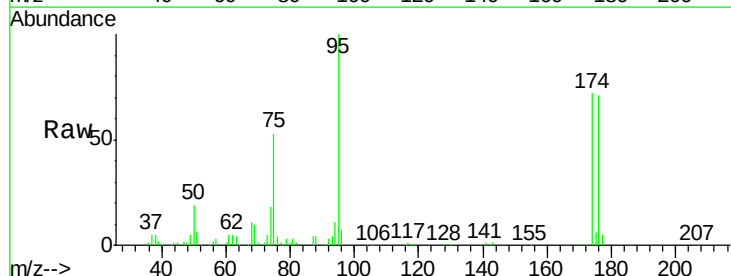
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

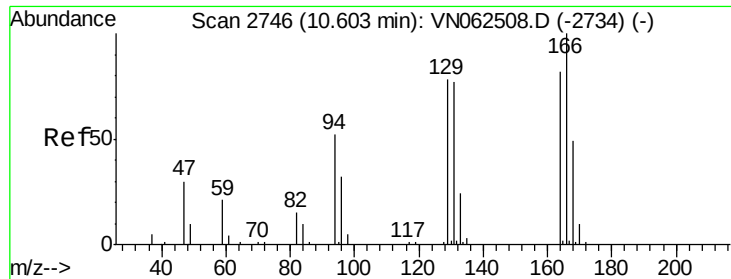
Tot Ion: 43 Resp: 261994
Ion Ratio Lower Upper
43 100
58 51.9 41.2 61.8
57 17.8 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.501 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion: 95 Resp: 109825
Ion Ratio Lower Upper
95 100
174 71.3 57.5 86.3
176 70.0 56.3 84.5





#61

Tetrachloroethene

Concen: 17.239 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

Tot Ion:164 Resp: 38619

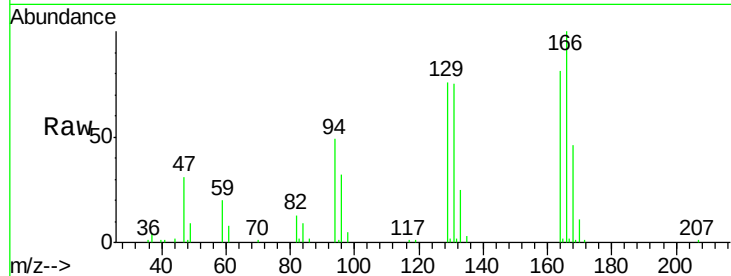
Ion Ratio Lower Upper

164 100

166 124.2 97.7 146.5

129 93.5 77.0 115.4

131 92.6 75.0 112.6

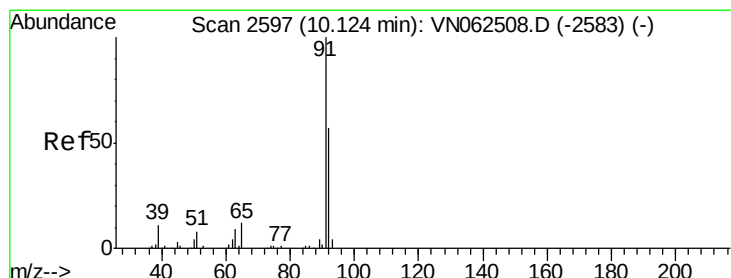
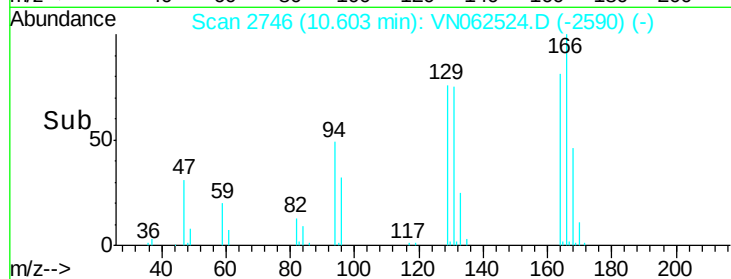
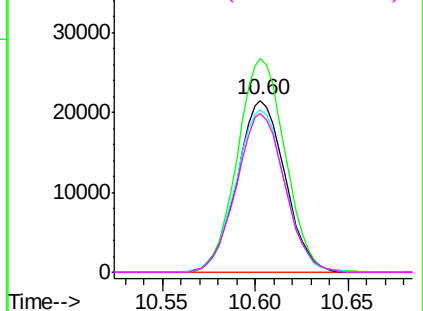


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.688 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062524.D

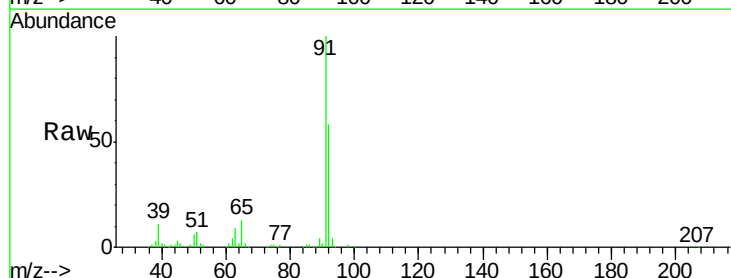
Acq: 14 Jul 2020 12:00

Tgt Ion: 91 Resp: 207106

Ion Ratio Lower Upper

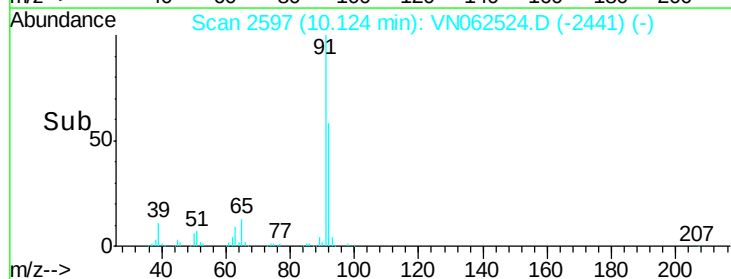
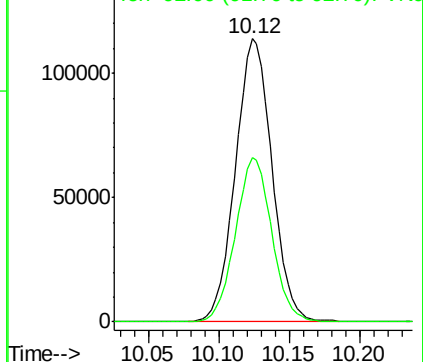
91 100

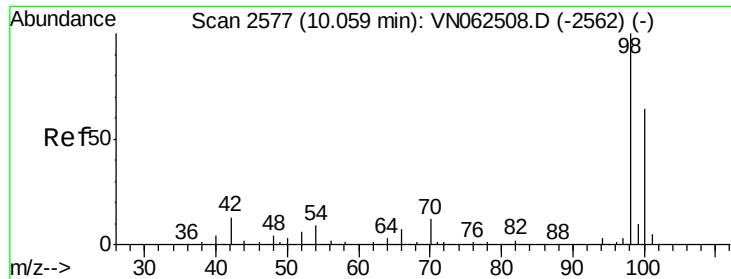
92 57.5 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.323 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

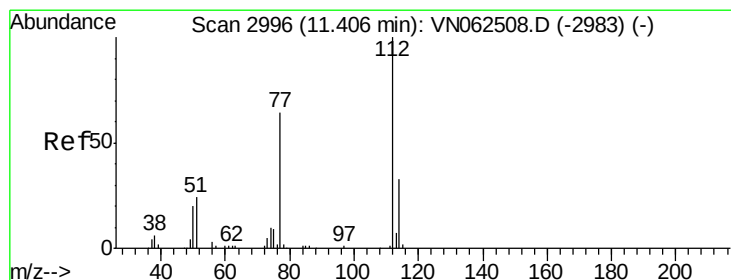
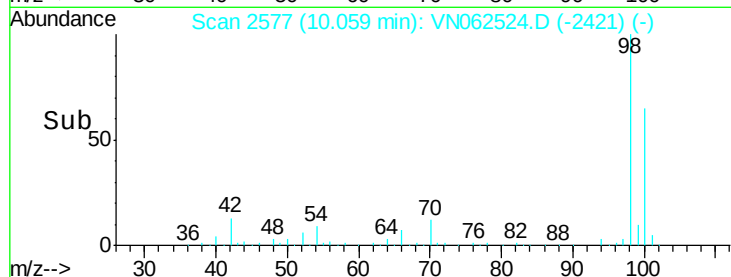
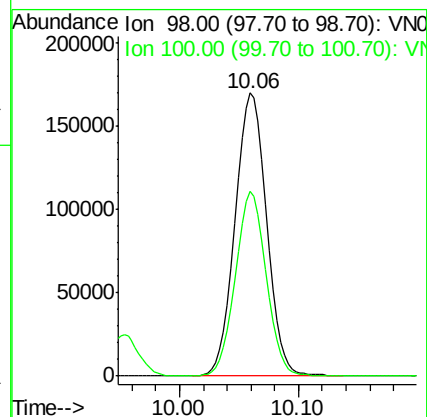
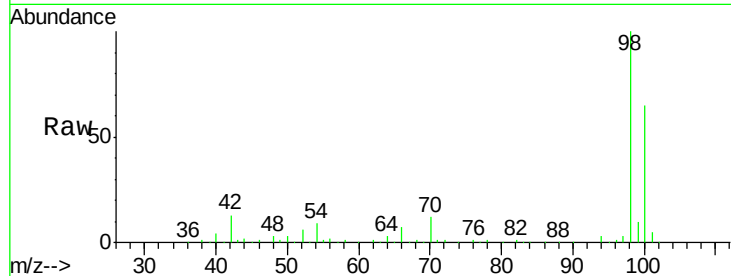
VN0714WBSD01

Tot Ion: 98 Resp: 313447

Ion Ratio Lower Upper

98 100

100 63.1 50.4 75.6



#64

Chlorobenzene

Concen: 16.584 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062524.D

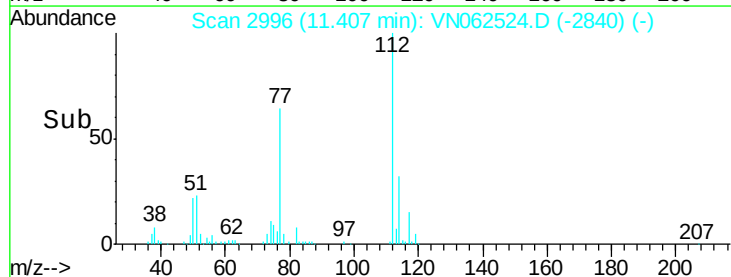
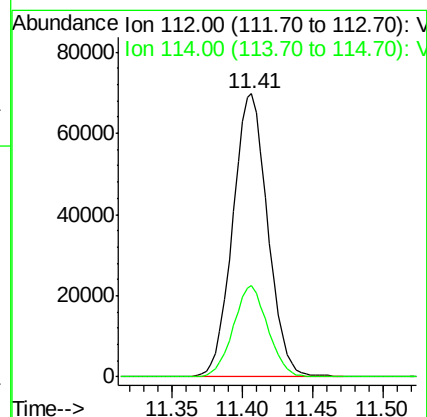
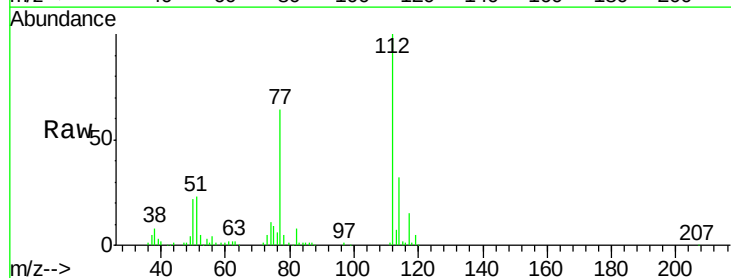
Acq: 14 Jul 2020 12:00

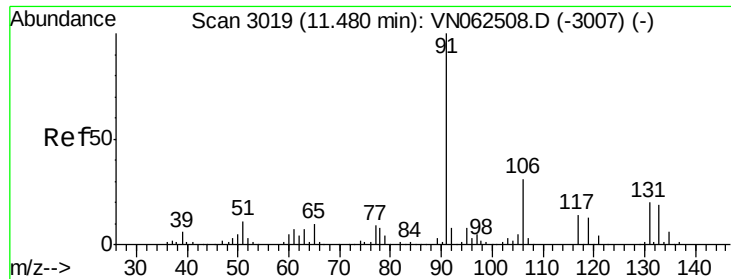
Tgt Ion: 112 Resp: 120941

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 17.195 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0714WBSD01

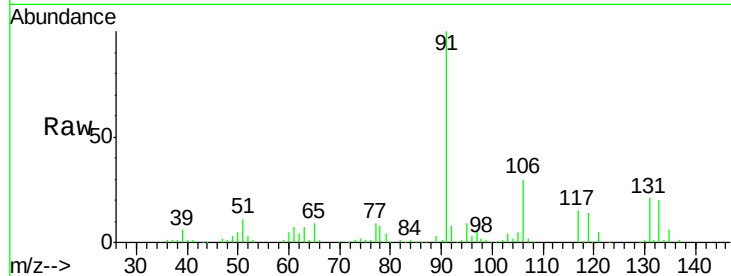
Tot Ion:131 Resp: 46414

Ion Ratio Lower Upper

131 100

133 92.8 0.0 191.4

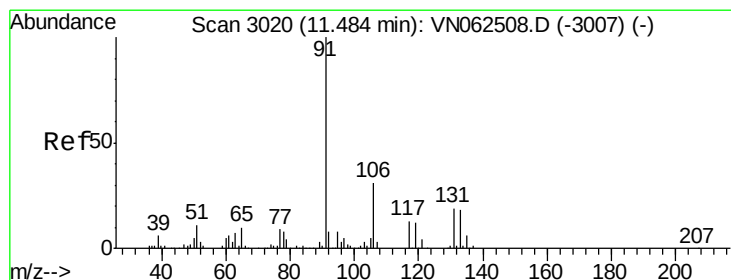
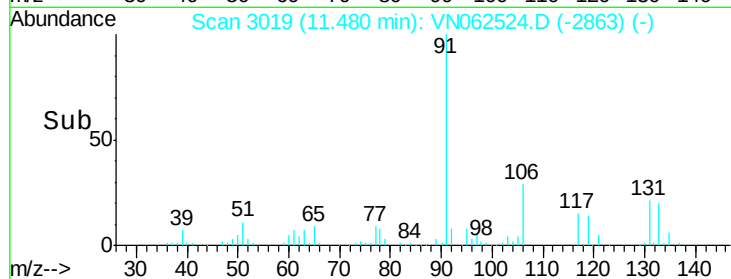
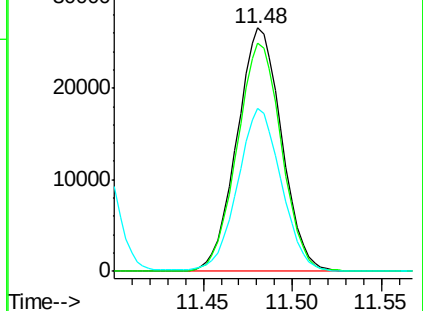
119 65.2 0.0 136.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 16.093 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062524.D

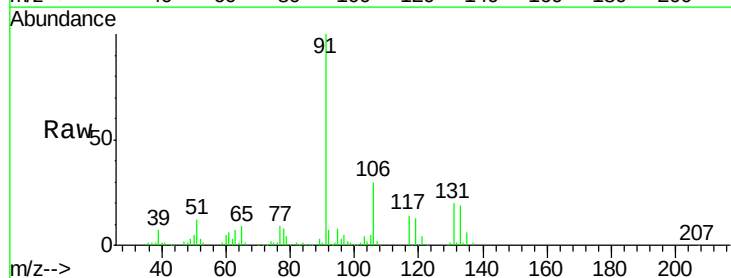
Acq: 14 Jul 2020 12:00

Tgt Ion: 91 Resp: 221164

Ion Ratio Lower Upper

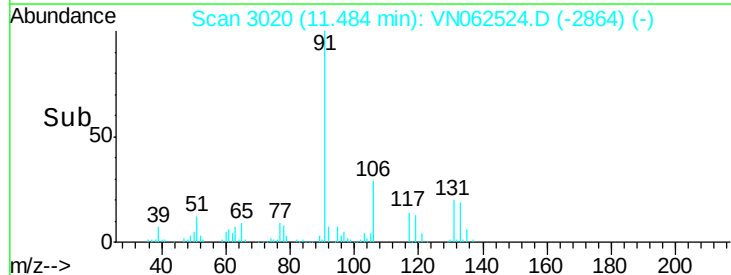
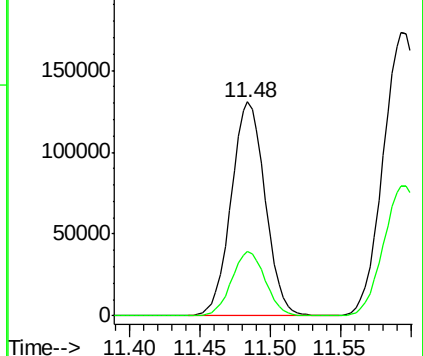
91 100

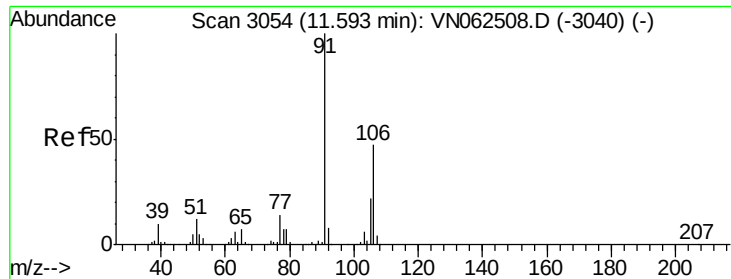
106 29.9 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

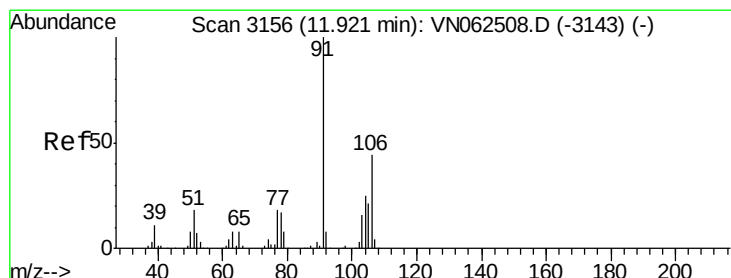
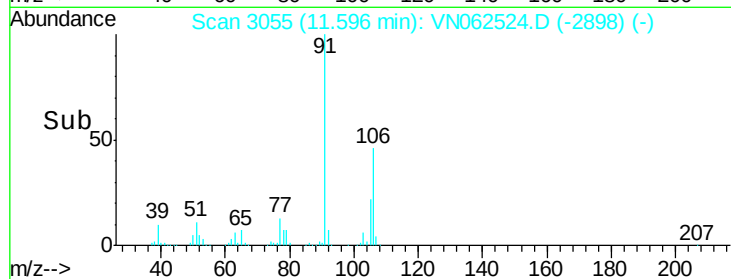
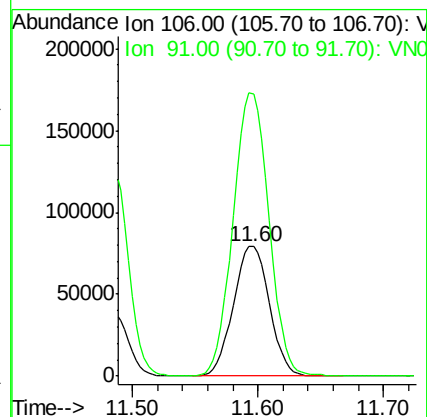
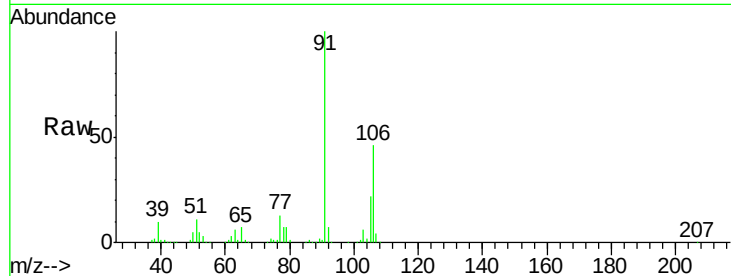




#67
m/p-Xylenes
Concen: 31.706 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

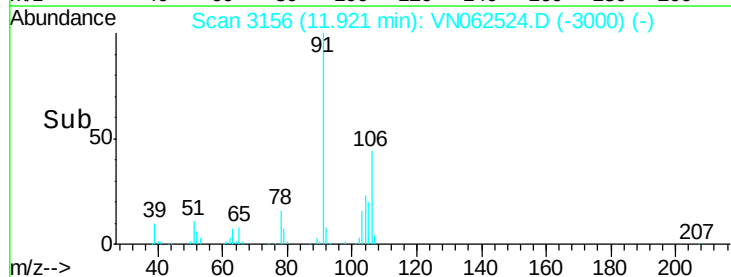
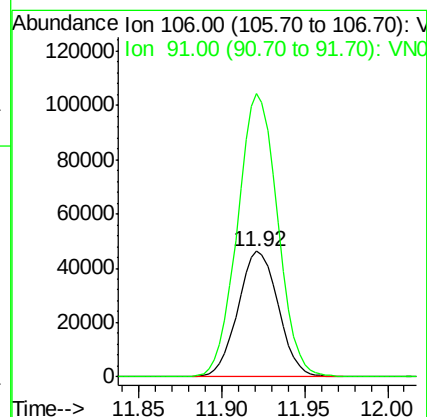
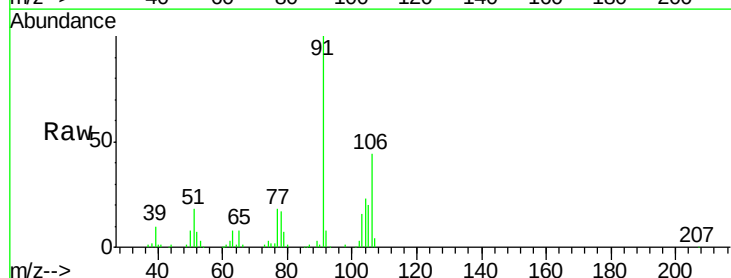
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

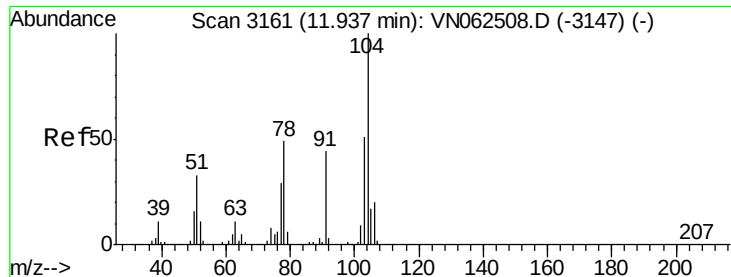
Tot Ion:106 Resp: 158154
Ion Ratio Lower Upper
106 100
91 215.5 170.7 256.1



#68
o-Xylene
Concen: 16.380 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion:106 Resp: 78413
Ion Ratio Lower Upper
106 100
91 223.8 113.9 341.6

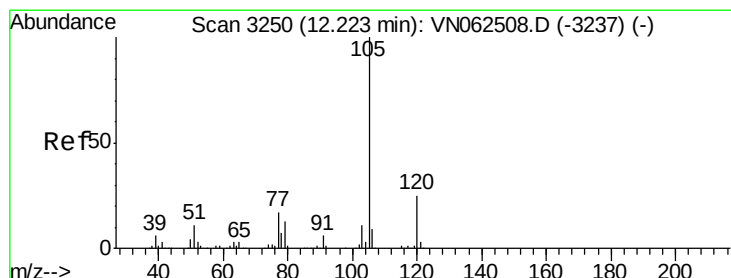
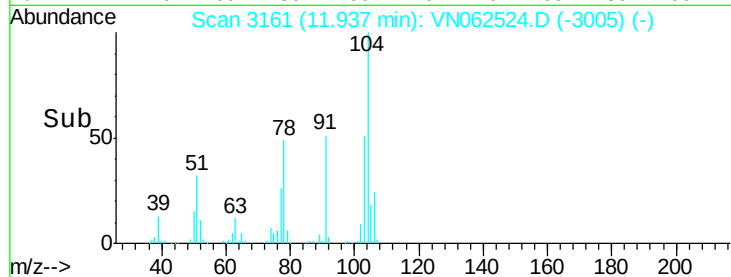
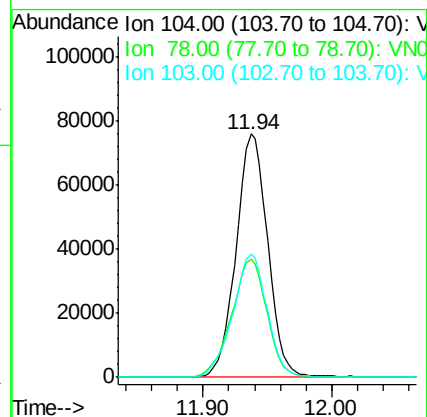
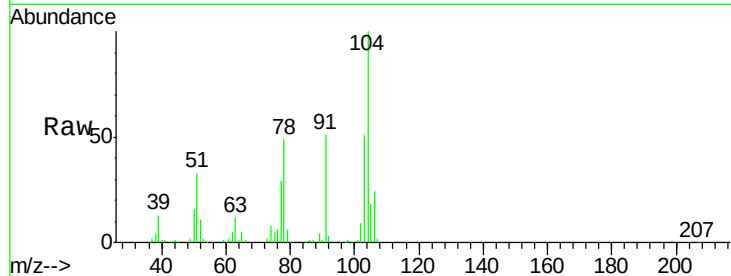




#69
Stvrene
Concen: 16.011 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

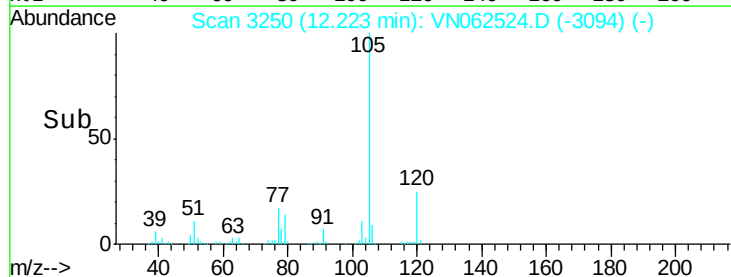
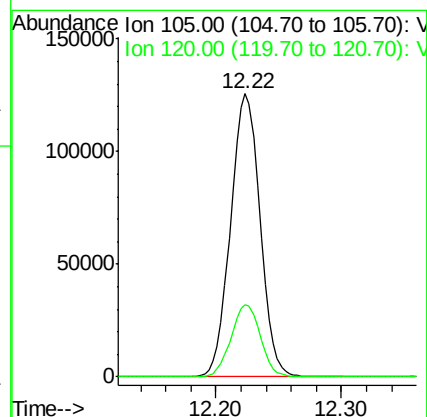
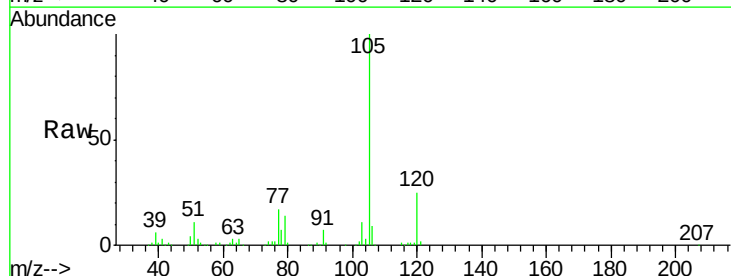
Instrument :
MSVOA_N
ClientSampled :
VN0714WBSD01

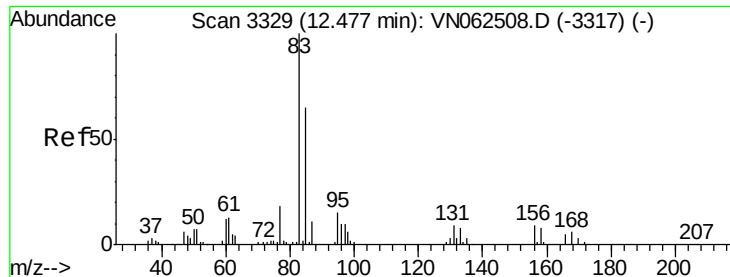
Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.9	65.9
103	54.6	43.8	65.6



#70
Isopropylbenzene
Concen: 15.953 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	17.6	32.8





#71

1,1,2,2-Tetrachloroethane

Concen: 17.298 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

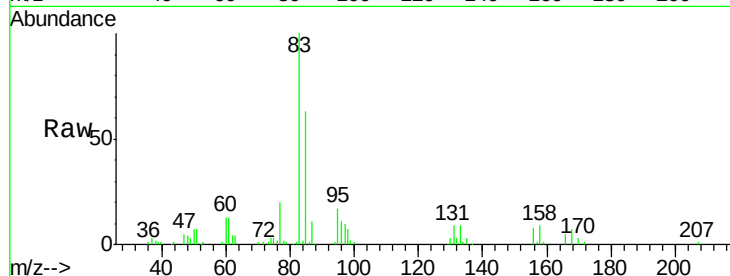
Tot Ion: 83 Resp: 71841

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

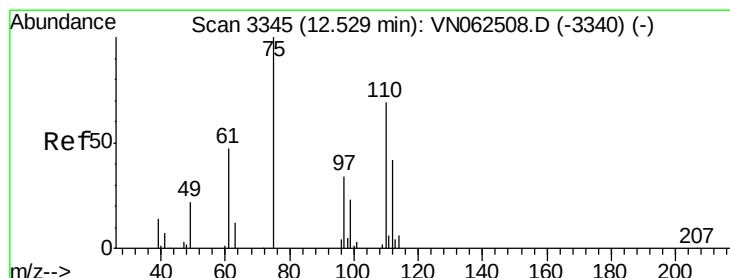
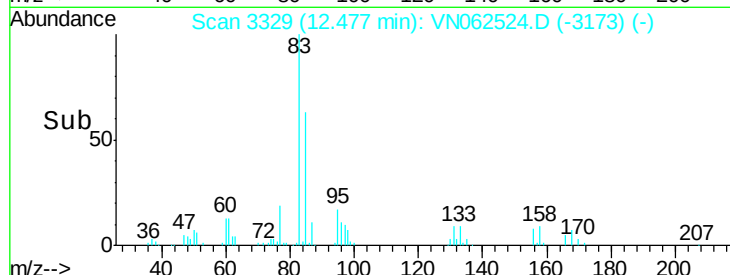
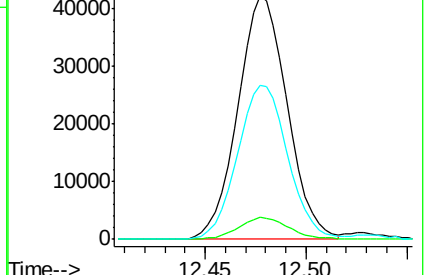
85 64.7 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VN062508.D (-3317) (-)

Ion 131.00 (130.70 to 131.70): VN062508.D (-3317) (-)

Ion 85.00 (84.70 to 85.70): VN062508.D (-3317) (-)



#72

1,2,3-Trichloropropane

Concen: 16.854 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062524.D

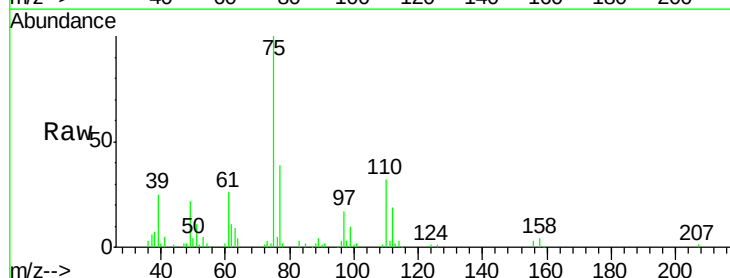
Acq: 14 Jul 2020 12:00

Tgt Ion: 75 Resp: 68088

Ion Ratio Lower Upper

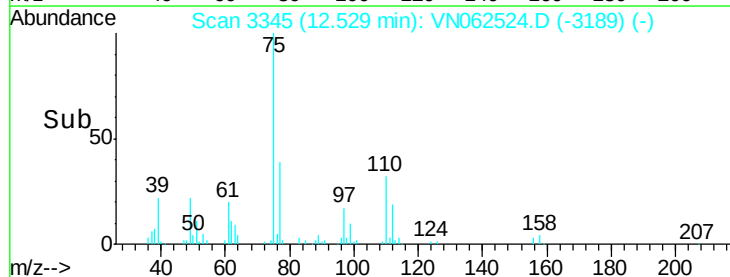
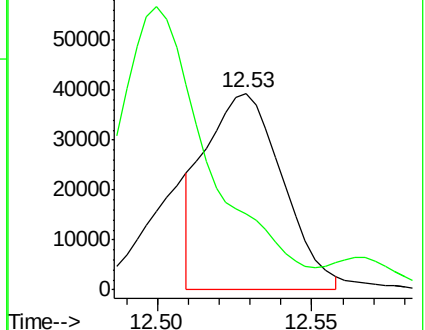
75 100

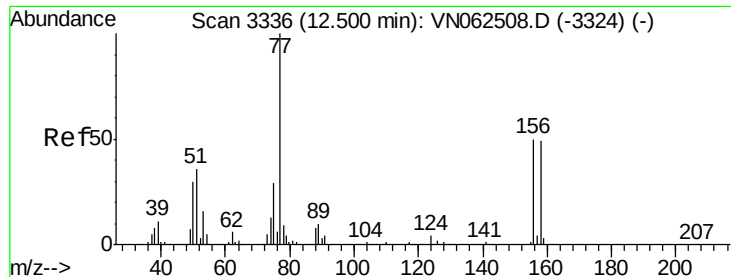
77 174.1 0.0 376.2



Abundance Ion 75.00 (74.70 to 75.70): VN062508.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062508.D (-3340) (-)





#73

Bromobenzene

Concen: 16.254 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD01

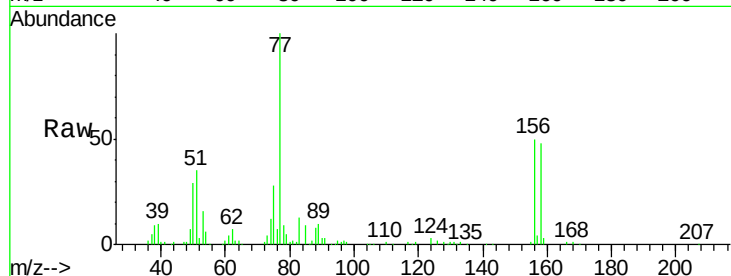
Tot Ion:156 Resp: 48373

Ion Ratio Lower Upper

156 100

77 245.0 0.0 485.0

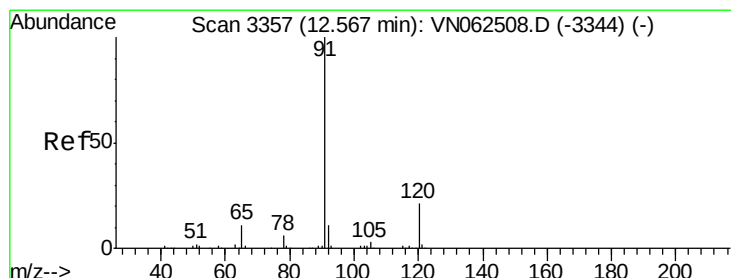
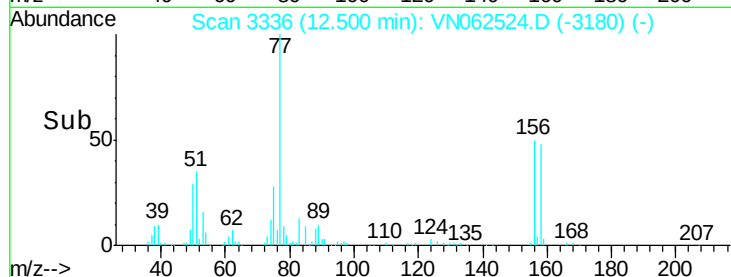
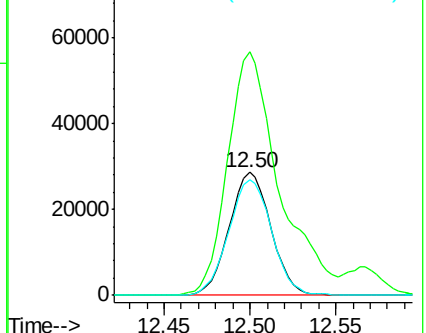
158 96.5 0.0 192.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 15.731 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062524.D

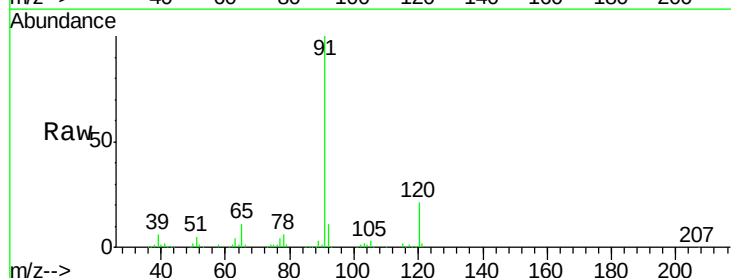
Acq: 14 Jul 2020 12:00

Tgt Ion: 91 Resp: 240298

Ion Ratio Lower Upper

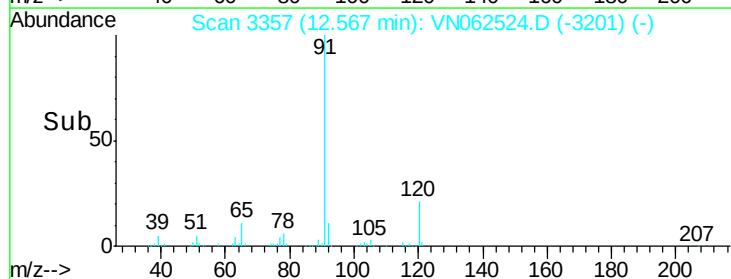
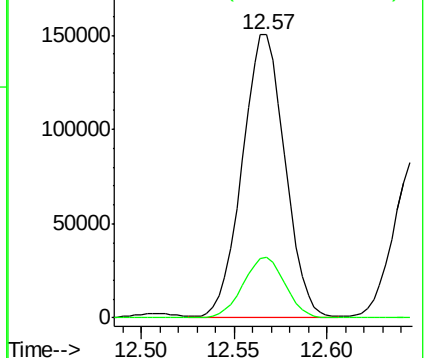
91 100

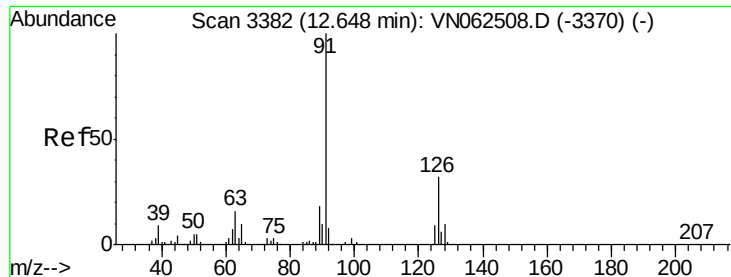
120 21.1 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 15.968 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

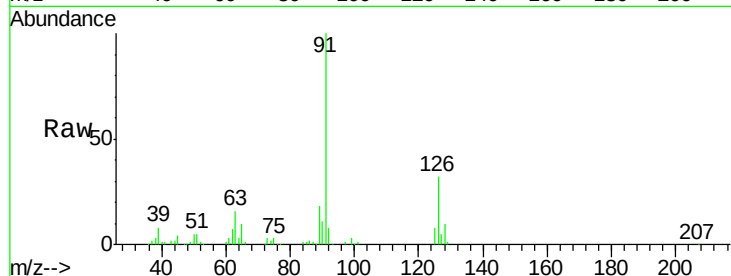
VN0714WBSD01

Tot Ion: 91 Resp: 146858

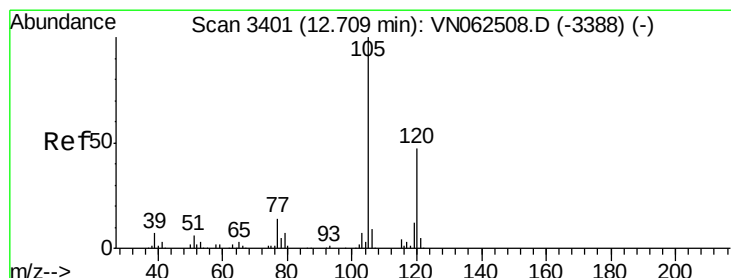
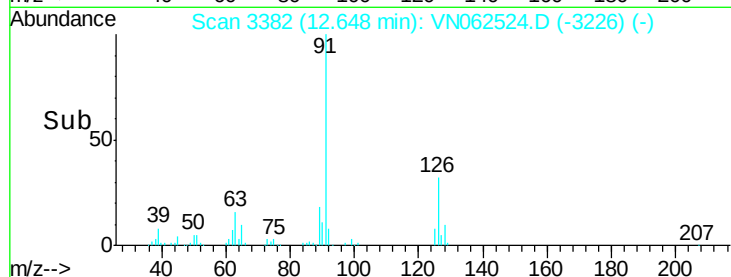
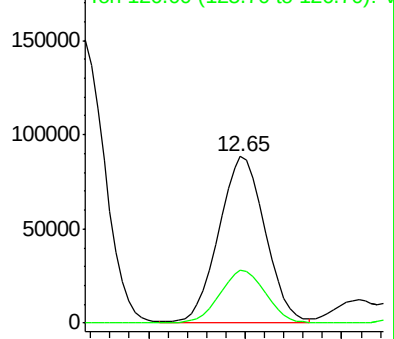
Ion Ratio Lower Upper

91 100

126 31.5 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 15.765 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062524.D

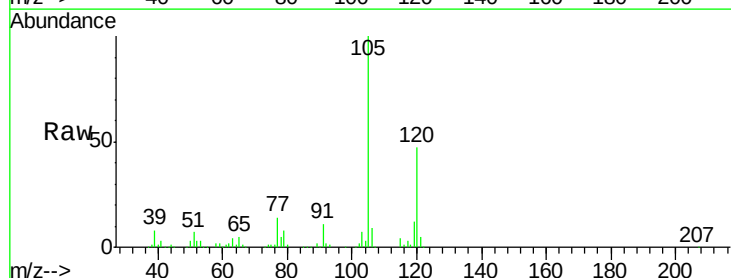
Acq: 14 Jul 2020 12:00

Tgt Ion: 105 Resp: 172617

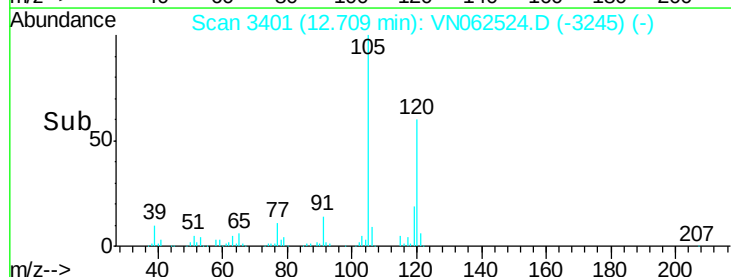
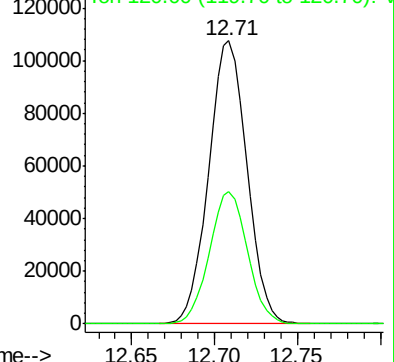
Ion Ratio Lower Upper

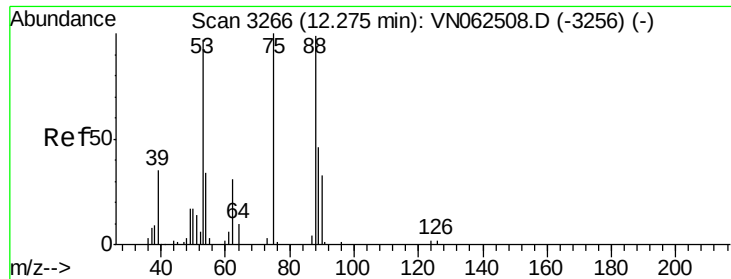
105 100

120 46.4 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN062508.D (-3388) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.518 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0714WBSD01

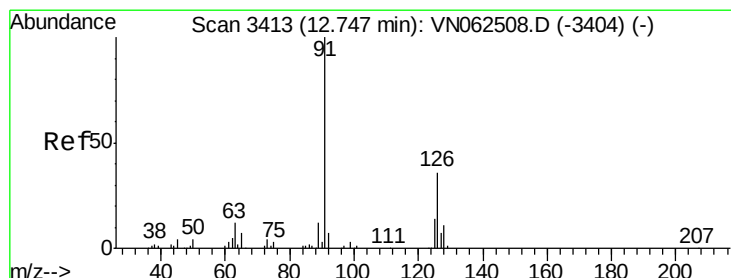
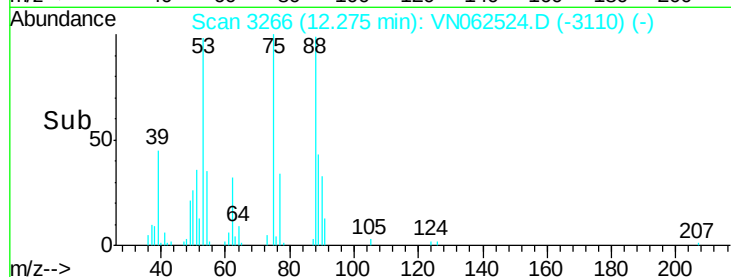
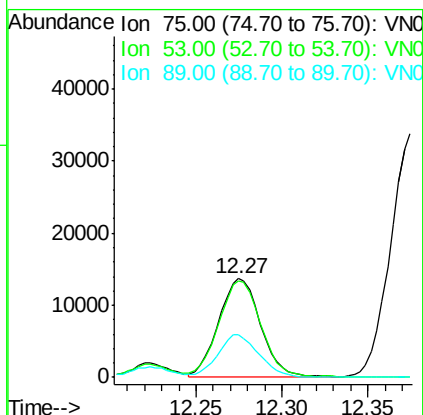
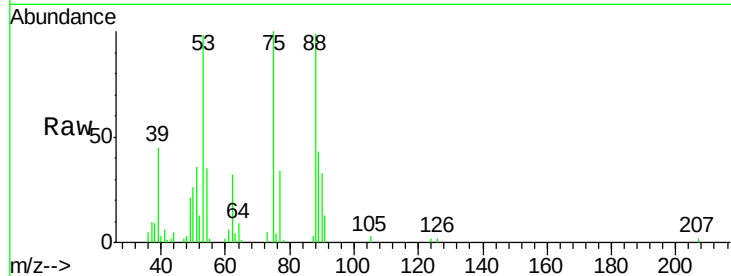
Tot Ion: 75 Resp: 23447

Ion Ratio Lower Upper

75 100

53 98.1 48.3 144.8

89 43.5 23.3 69.8



#78

4-Chlorotoluene

Concen: 15.691 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062524.D

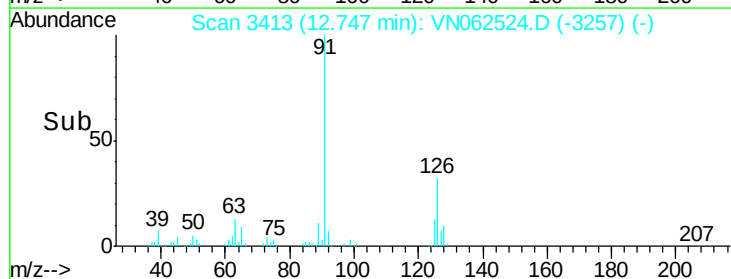
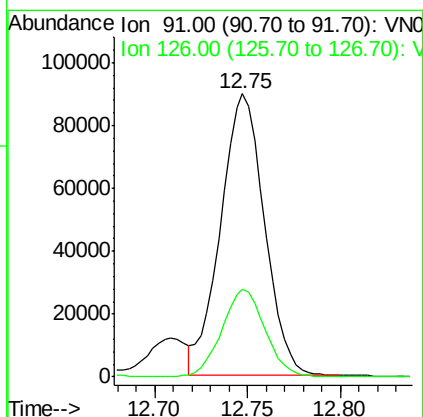
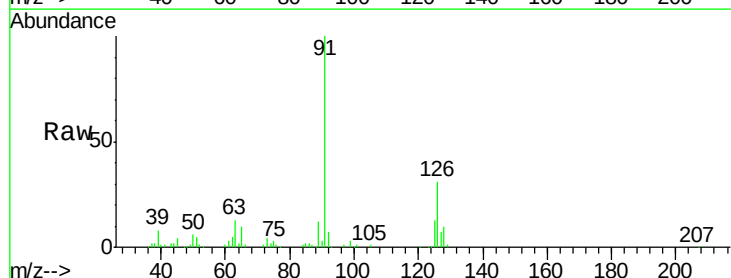
Acq: 14 Jul 2020 12:00

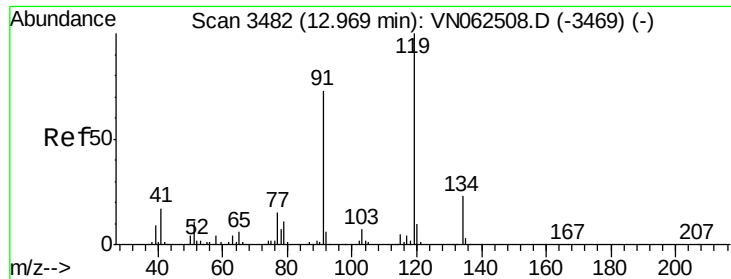
Tgt Ion: 91 Resp: 147253

Ion Ratio Lower Upper

91 100

126 30.6 0.0 62.2

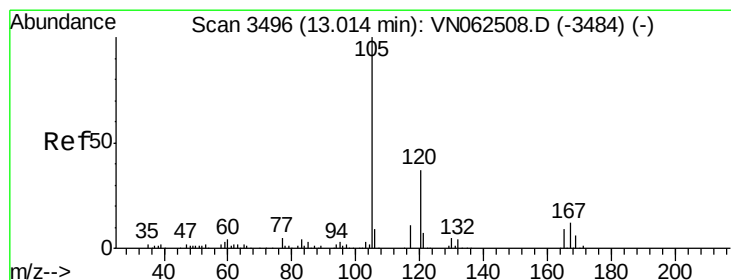
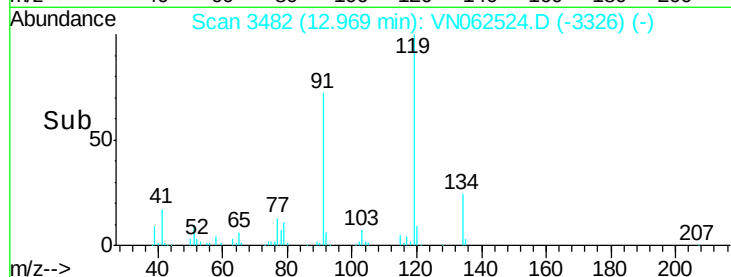
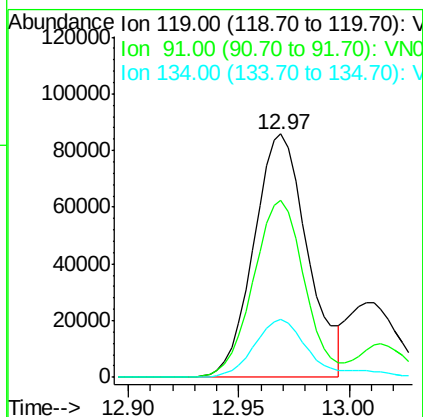
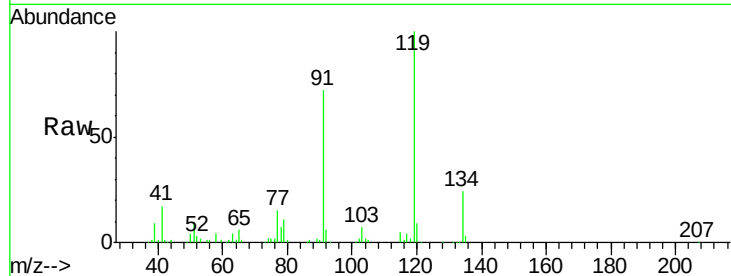




#79
tert-butylbenzene
Concen: 15.966 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

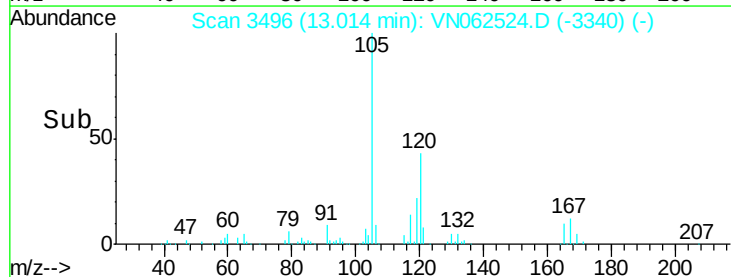
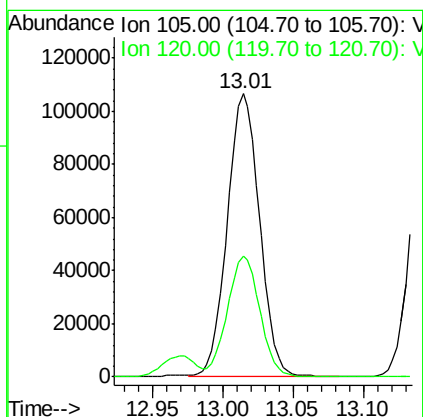
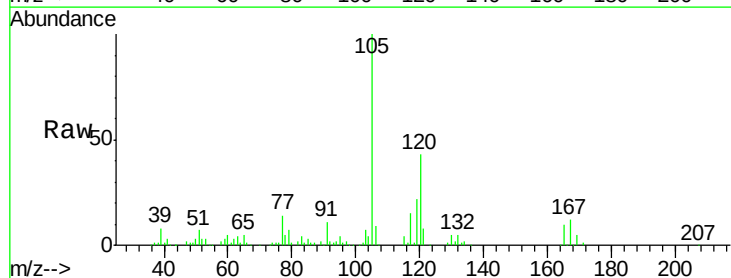
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD01

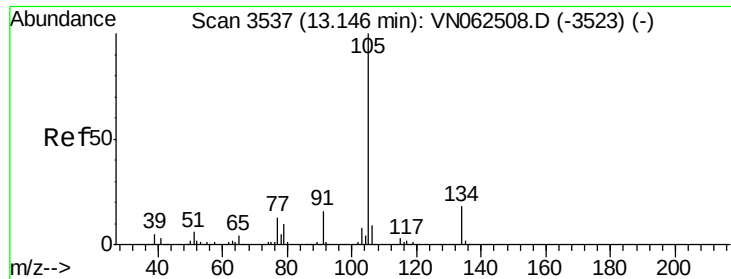
Tot Ion:119 Resp: 144755
Ion Ratio Lower Upper
119 100
91 69.8 0.0 139.8
134 23.1 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 15.834 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion:105 Resp: 170514
Ion Ratio Lower Upper
105 100
120 43.1 0.0 86.6





#81

sec-Butylbenzene

Concen: 15.571 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

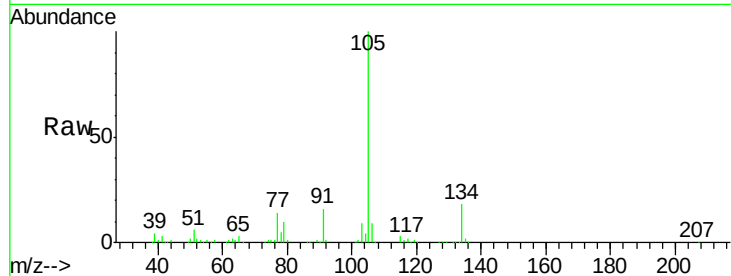
VN0714WBSD01

Tot Ion:105 Resp: 189597

Ion Ratio Lower Upper

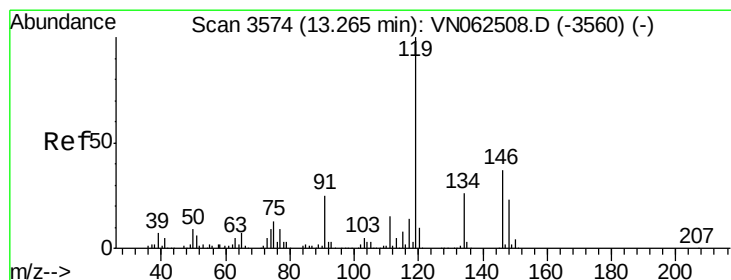
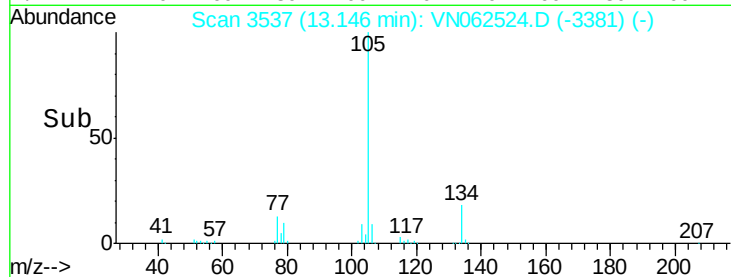
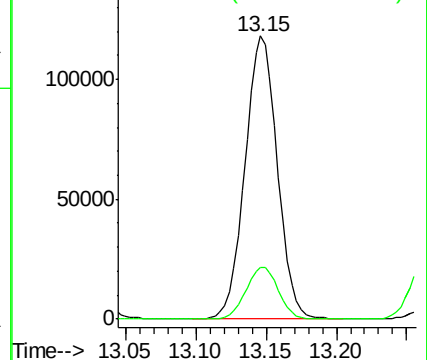
105 100

134 18.4 0.0 37.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 15.191 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

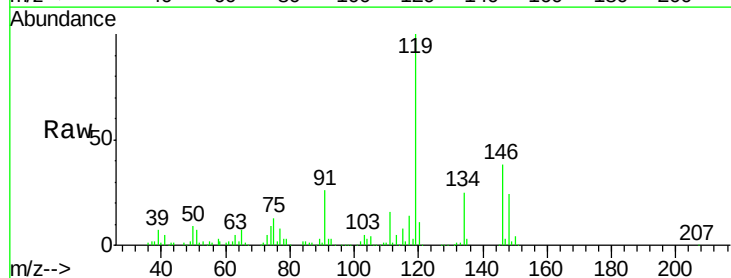
Tgt Ion:119 Resp: 163233

Ion Ratio Lower Upper

119 100

134 25.0 0.0 50.8

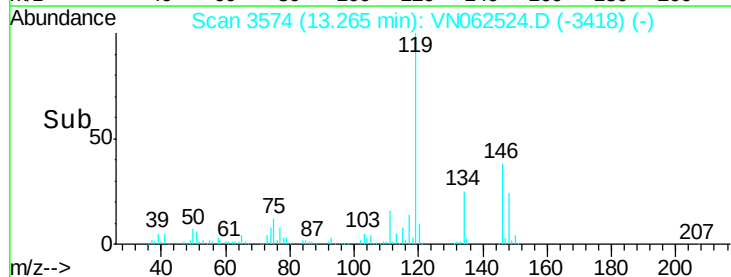
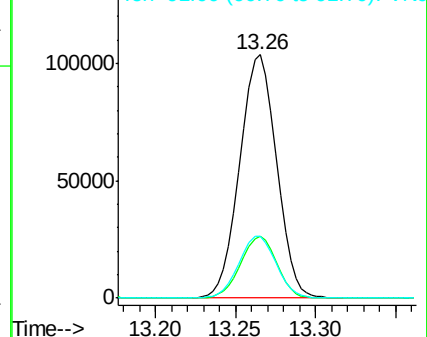
91 25.8 0.0 51.2

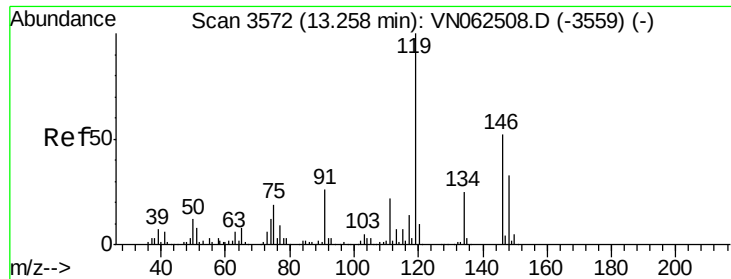


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

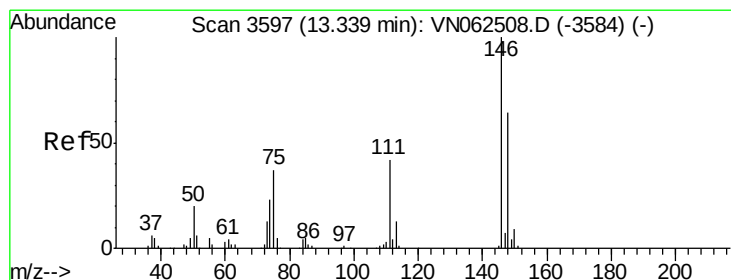
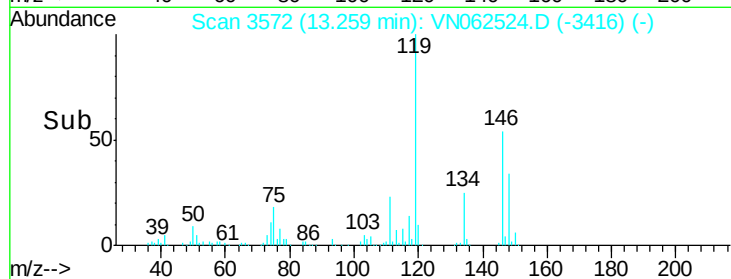
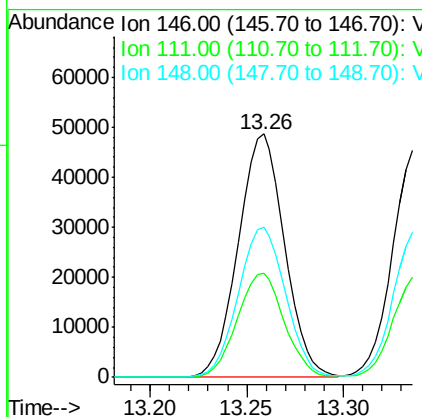
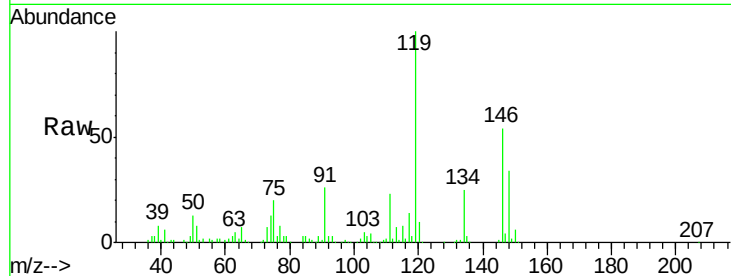




#83
 1,3-Dichlorobenzene
 Concen: 15.673 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

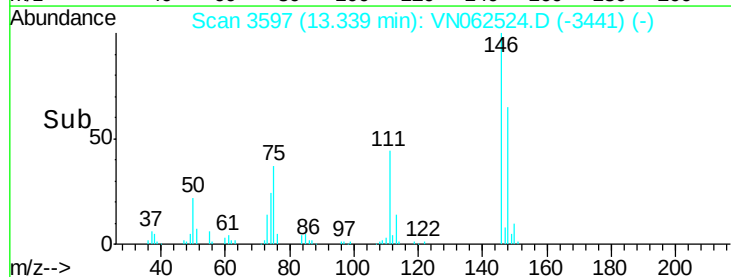
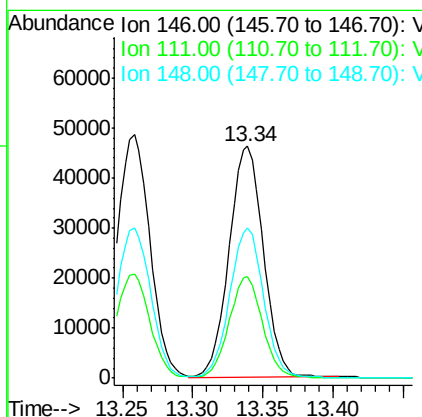
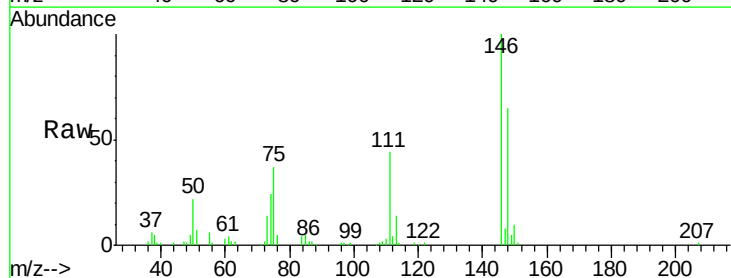
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

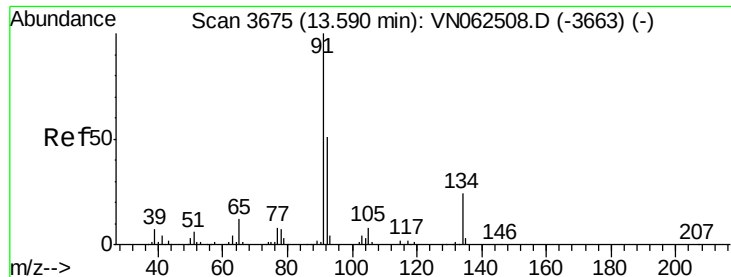
Tot Ion:146 Resp: 81005
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.0 63.0
 148 63.2 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 15.411 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion:146 Resp: 78597
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.2
 148 64.2 32.4 97.2





#85

n-Butylbenzene

Concen: 14.217 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062524.D

Acq: 14 Jul 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VN0714WBSD01

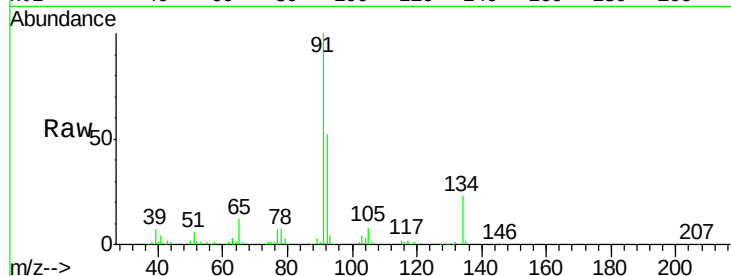
Tot Ion: 91 Resp: 131041

Ion Ratio Lower Upper

91 100

92 52.0 0.0 102.4

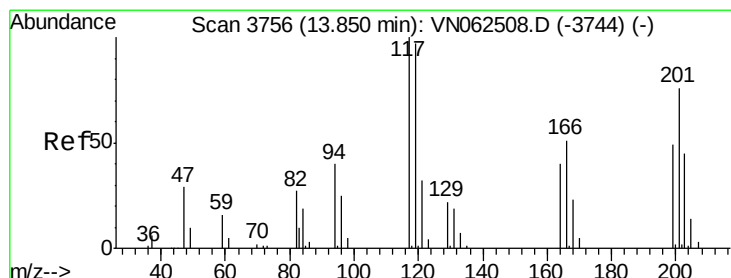
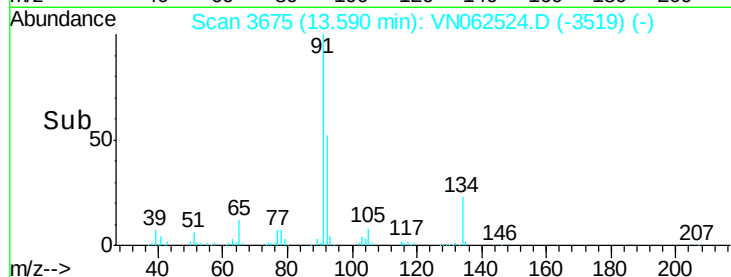
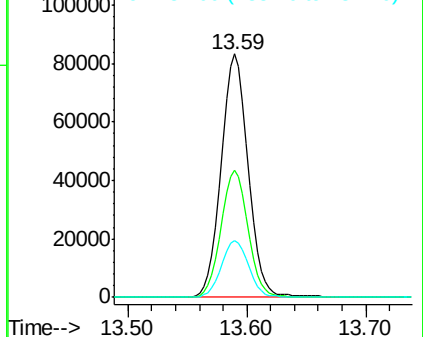
134 23.6 0.0 46.6



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): VN0



#86

Hexachloroethane

Concen: 15.328 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062524.D

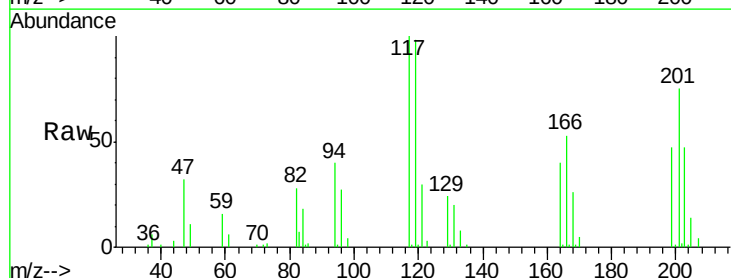
Acq: 14 Jul 2020 12:00

Tgt Ion: 117 Resp: 31782

Ion Ratio Lower Upper

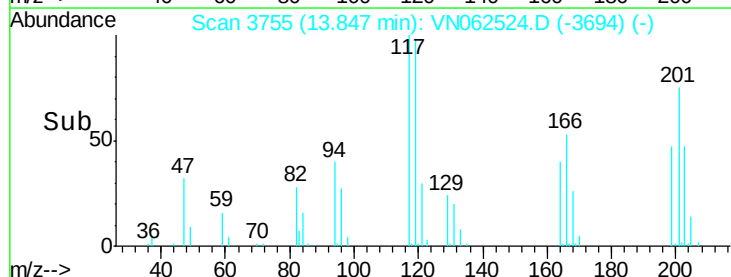
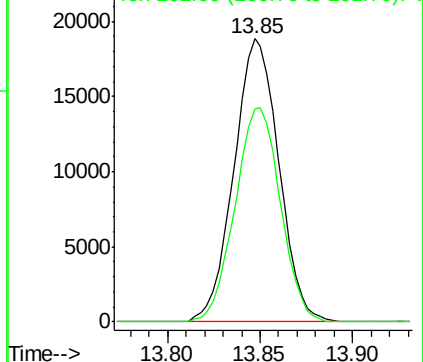
117 100

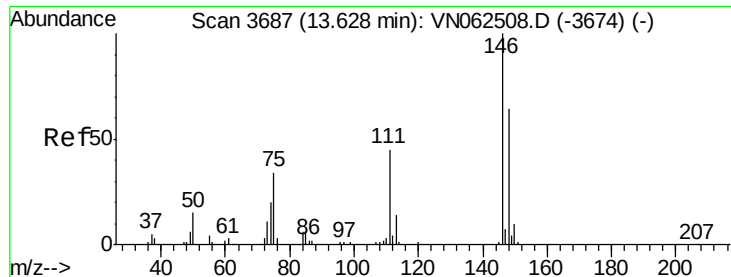
201 76.3 37.4 112.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

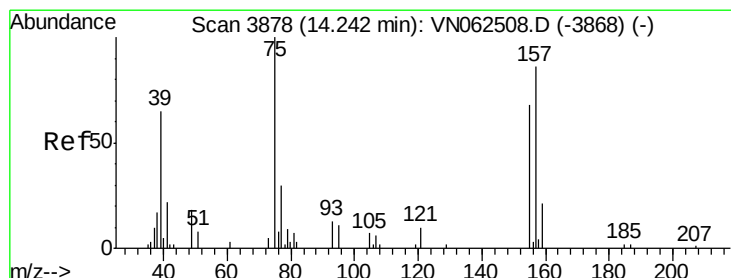
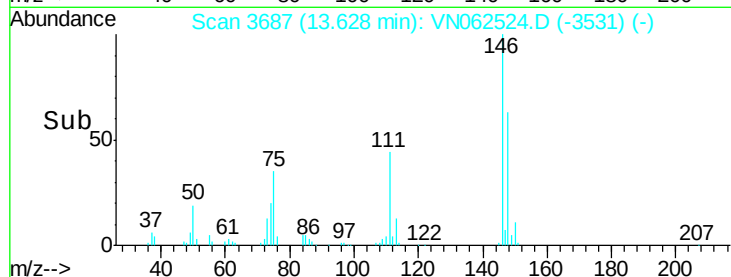
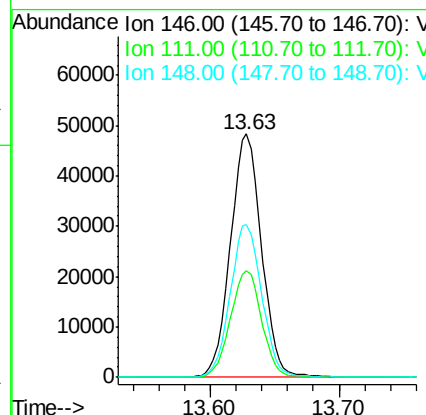
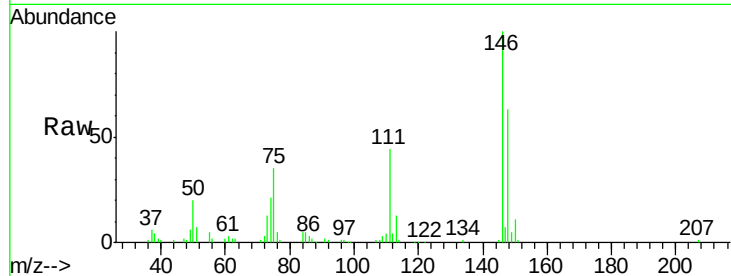




#87
 1,2-Dichlorobenzene
 Concen: 16.273 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

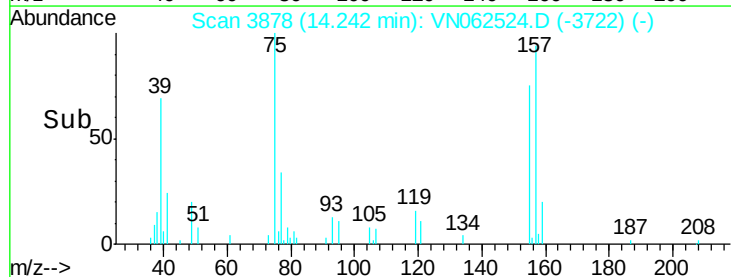
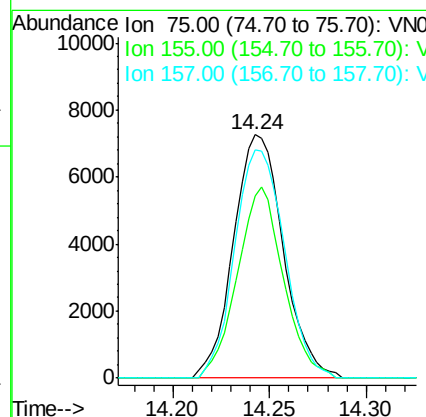
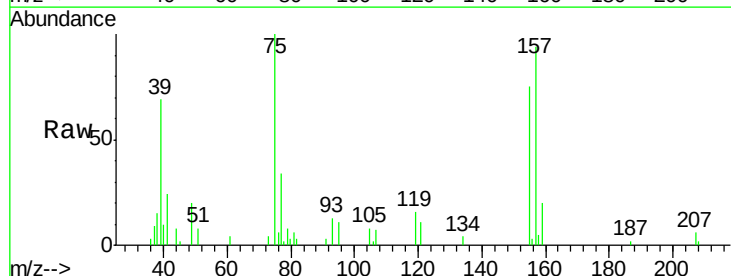
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

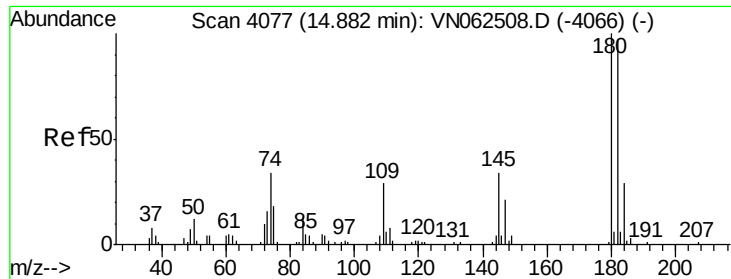
Tot Ion:146 Resp: 80879
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.4 67.0
 148 63.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.592 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion: 75 Resp: 13014
 Ion Ratio Lower Upper
 75 100
 155 72.4 55.7 83.5
 157 93.6 71.0 106.6

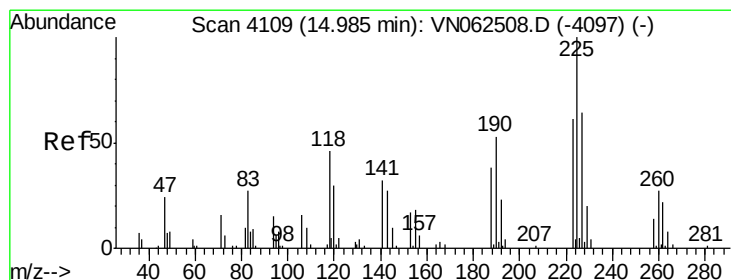
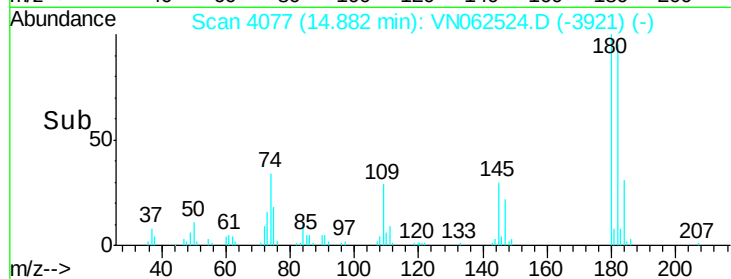
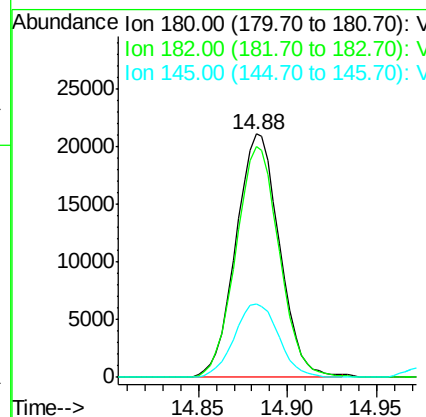
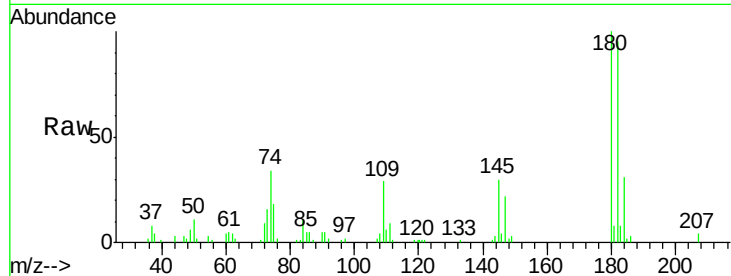




#89
 1,2,4-Trichlorobenzene
 Concen: 14.494 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

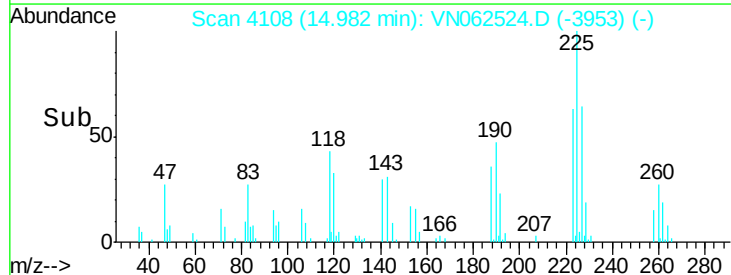
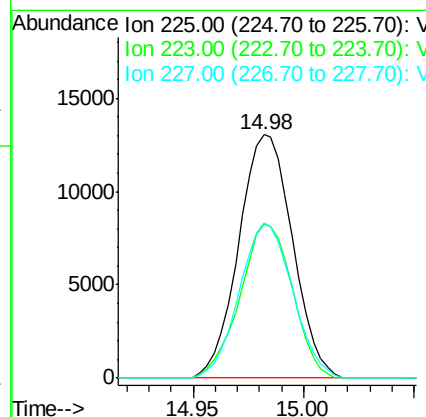
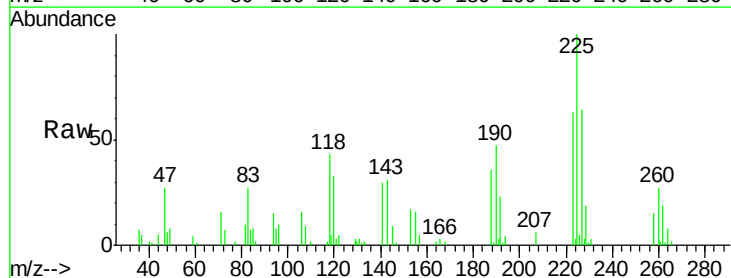
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD01

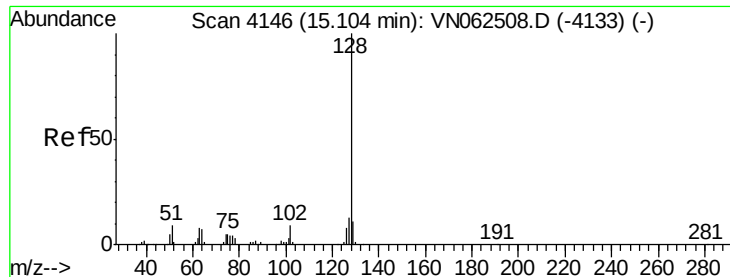
Tot Ion:180 Resp: 35862
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.5 116.3
 145 30.8 26.1 39.1



#90
 Hexachlorobutadiene
 Concen: 16.092 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062524.D
 Acq: 14 Jul 2020 12:00

Tgt Ion:225 Resp: 22083
 Ion Ratio Lower Upper
 225 100
 223 61.7 0.0 120.4
 227 63.1 0.0 129.6

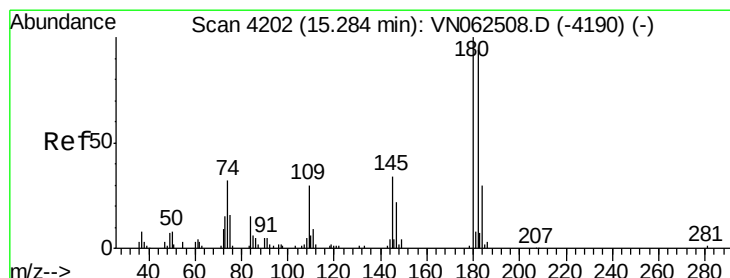
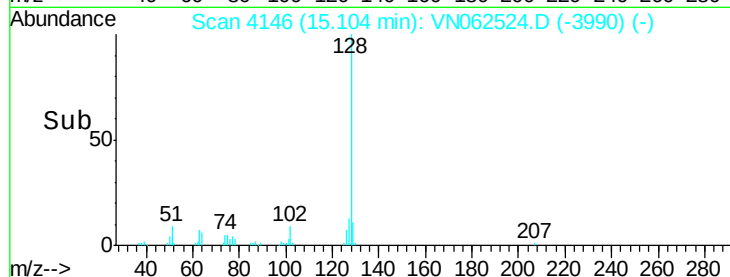
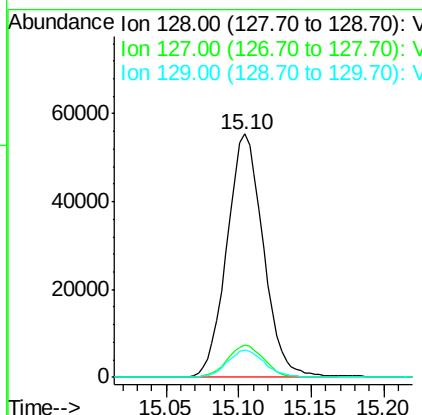
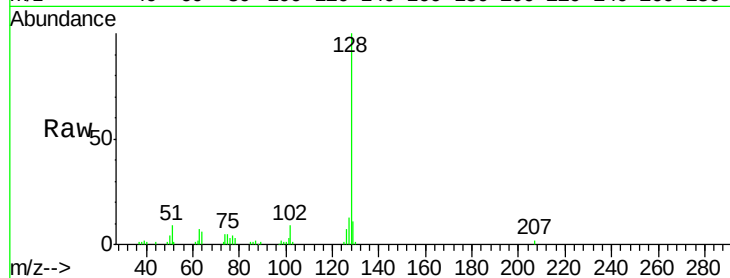




#91
Naphthalene
Concen: 14.407 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Instrument :
MSVOA_N
ClientSampled :
VN0714WBSD01

Tot Ion:128 Resp: 96647
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.4 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 15.181 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062524.D
Acq: 14 Jul 2020 12:00

Tgt Ion:180 Resp: 37856
Ion Ratio Lower Upper
180 100
182 92.7 0.0 187.2
145 33.6 0.0 67.8

