

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
 Data File : VN062544.D
 Acq On : 16 Jul 2020 13:46
 Operator : JC/MD
 Sample : VN0716WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

Quant Time: Jul 16 18:45:41 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	42238	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	228557	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	215753	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	108037	29.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.23%
60) 4-Bromofluorobenzene	12.38	95	108758	29.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.73%
63) Toluene-d8	10.06	98	309095	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	47581	19.086	ug/l 99
3) Chloromethane	2.04	50	65890	18.304	ug/l 94
4) Vinyl Chloride	2.16	62	57710	18.340	ug/l 98
5) Bromomethane	2.53	94	27324	17.503	ug/l 96
6) Chloroethane	2.67	64	28509	18.404	ug/l 96
7) Trichlorofluoromethane	2.98	101	74153	20.107	ug/l 94
8) Diethyl Ether	3.37	74	32212	18.169	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45285	18.994	ug/l 99
10) 1,1-Dichloroethene	3.70	96	45027	18.512	ug/l 97
11) Methyl Iodide	3.91	142	57317	19.243	ug/l 97
12) Methyl Acetate	4.28	43	63522	19.473	ug/l 96
13) Acrolein	3.57	56	55481	113.836	ug/l 97
14) Acrylonitrile	4.93	53	142045	93.628	ug/l 98
15) Acetone	3.78	58	39650	85.137	ug/l 90
16) Carbon Disulfide	4.01	76	145803	18.395	ug/l 100
17) Allyl chloride	4.27	41	92689	17.918	ug/l 99
18) Methylene Chloride	4.50	84	58238	19.459	ug/l 98
19) trans-1,2-Dichloroethene	4.99	96	51087	18.977	ug/l 94
20) Diisopropyl ether	5.90	45	204400	19.221	ug/l 97
21) 1,1-Dichloroethane	5.80	63	106741	18.986	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	57555	18.958	ug/l 99
23) tert-Butyl Alcohol	4.74	59	49608	97.708	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	165739	18.483	ug/l 99
25) Chloroform	7.33	83	99080	19.217	ug/l 99
26) Cyclohexane	7.61	56	89747	18.111	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	73842	19.047	ug/l 99
30) 2-Butanone	6.79	43	197964	96.283	ug/l 99
31) 2,2-Dichloropropane	6.77	77	85596	19.581	ug/l # 71
32) 1,1,1-Trichloroethane	7.53	97	83720	20.092	ug/l 99
33) Carbon Tetrachloride	7.73	117	72677	20.121	ug/l 99
34) Benzene	8.00	78	226782	19.690	ug/l 98
35) Methacrylonitrile	7.12	41	30597	16.941	ug/l 96
36) 1,2-Dichloroethane	8.09	62	83808	20.245	ug/l 99
37) Trichloroethene	8.80	130	51336	19.843	ug/l 100
38) Methylcyclohexane	9.05	83	79944	18.382	ug/l 98
39) 1,2-Dichloropropane	9.09	63	65284	19.896	ug/l 98
40) Dibromomethane	9.18	93	37418	19.787	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	79611	19.848	ug/l	100
42) Vinyl Acetate	5.84	43	833447	97.549	ug/l	100
43) Ethyl Acetate	6.88	43	83671	20.242	ug/l	98
44) Isopropyl Acetate	8.13	43	133058	19.185	ug/l #	83
45) 1,4-Dioxane	9.17	88	19963	420.781	ug/l	98
46) Methyl methacrylate	9.17	41	61685	18.748	ug/l	96
47) n-amyl Acetate	12.05	43	107761	18.433	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	87192	18.637	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	96894	19.186	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	51569	19.455	ug/l	94
51) Ethyl methacrylate	10.40	69	82986	18.595	ug/l	96
52) 1,3-Dichloropropane	10.68	76	95802	19.692	ug/l	99
53) Dibromochloromethane	10.87	129	57191	19.803	ug/l	97
54) 1,2-Dibromoethane	10.98	107	52549	19.368	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	142807	100.185	ug/l	100
56) Bromoform	12.10	173	38249	19.390	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	405965	96.576	ug/l	100
59) 2-Hexanone	10.72	43	291103	94.425	ug/l	100
61) Tetrachloroethene	10.60	164	43281	19.589	ug/l	96
62) Toluene	10.12	91	234920	19.193	ug/l	98
64) Chlorobenzene	11.41	112	137112	19.064	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	51941	19.510	ug/l	98
66) Ethyl Benzene	11.48	91	255108	18.822	ug/l	97
67) m/p-Xylenes	11.59	106	185085	37.622	ug/l	99
68) o-Xylene	11.92	106	87298	18.490	ug/l	98
69) Styrene	11.94	104	148808	18.570	ug/l	99
70) Isopropylbenzene	12.22	105	240991	19.015	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	80749	19.714	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	70863m	17.785	ug/l	
73) Bromobenzene	12.50	156	56510	19.252	ug/l	98
74) n-propylbenzene	12.57	91	282327	18.740	ug/l	100
75) 2-Chlorotoluene	12.65	91	170859	18.837	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	201837	18.690	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	26060	17.488	ug/l	98
78) 4-Chlorotoluene	12.75	91	171011	18.477	ug/l	99
79) tert-butylbenzene	12.97	119	165725	18.533	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	196819	18.531	ug/l	99
81) sec-Butylbenzene	13.15	105	220695	18.378	ug/l	99
82) p-Isopropyltoluene	13.26	119	195038	18.404	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	96067	18.846	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	94192	18.726	ug/l	99
85) n-Butylbenzene	13.59	91	155805	17.139	ug/l	100
86) Hexachloroethane	13.85	117	37805	18.487	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	93297	19.033	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.25	75	14554	18.814	ug/l	98
89) 1,2,4-Trichlorobenzene	14.89	180	40568	16.624	ug/l	97
90) Hexachlorobutadiene	14.98	225	25819	19.076	ug/l	97
91) Naphthalene	15.10	128	100380	15.172	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	41483	16.867	ug/l	97

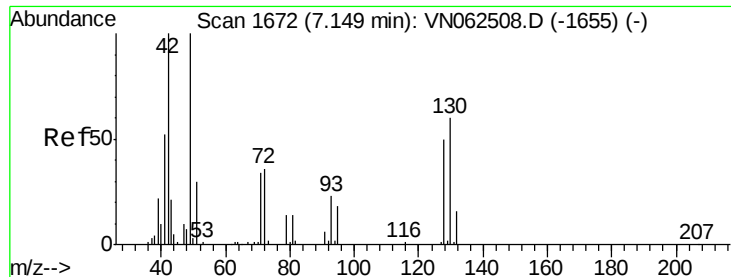
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
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Acq On : 16 Jul 2020 13:46
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Misc : 5.00mL/MSVOA N/WATER
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Internal Standards	R.T.	QIon	Response	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# 1673

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

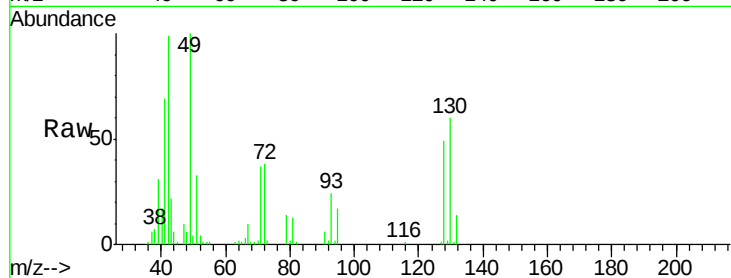
Tot Ion:128 Resp: 42238

Ion Ratio Lower Upper

128 100

49 212.4 0.0 525.0

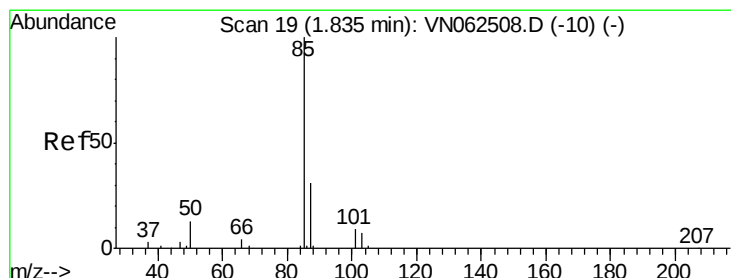
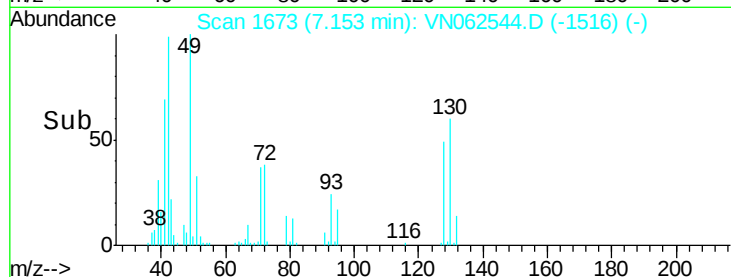
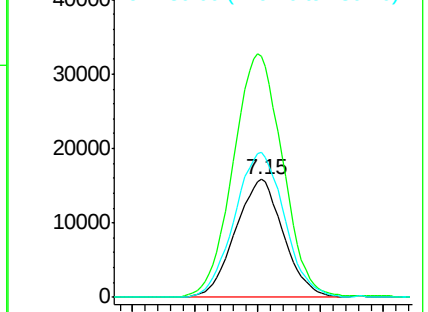
130 127.5 0.0 319.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.086 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062544.D

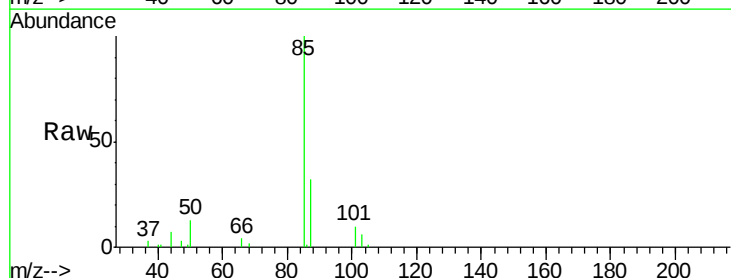
Acq: 16 Jul 2020 13:46

Tgt Ion: 85 Resp: 47581

Ion Ratio Lower Upper

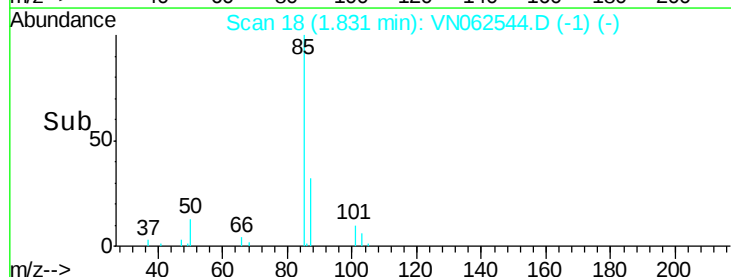
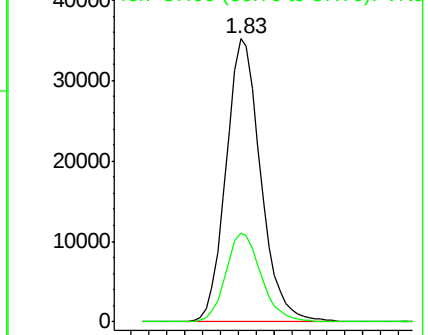
85 100

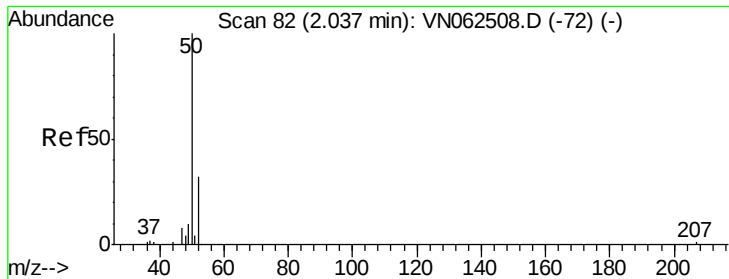
87 31.6 15.6 46.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 18.304 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

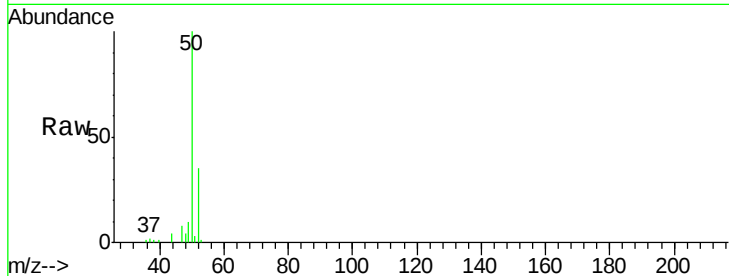
VN0716WBS01

Tot Ion: 50 Resp: 65890

Ion Ratio Lower Upper

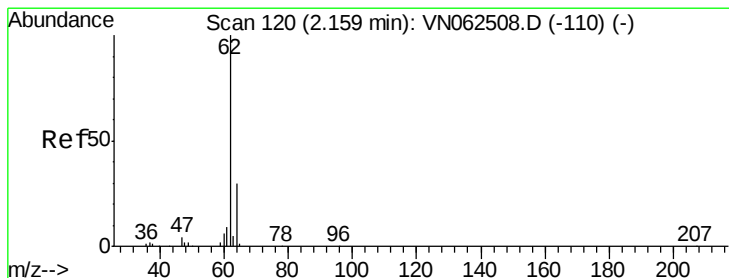
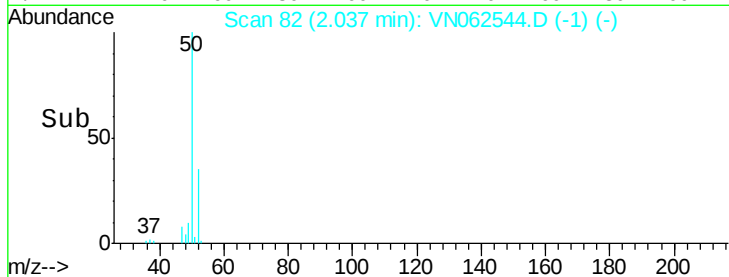
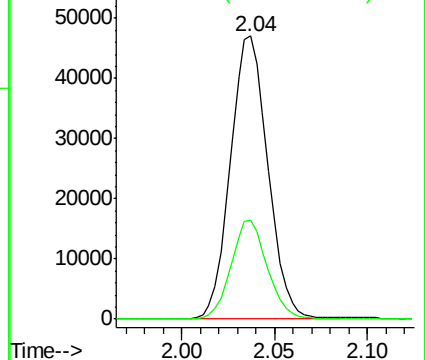
50 100

52 35.1 25.4 38.2



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 18.340 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062544.D

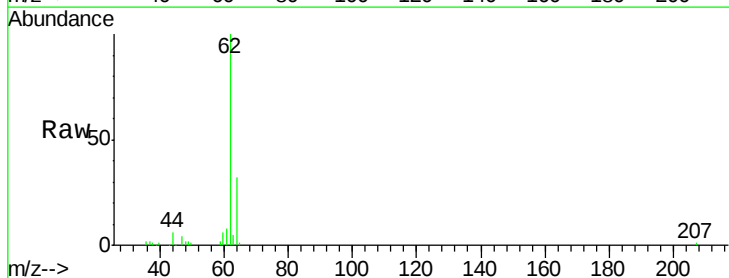
Acq: 16 Jul 2020 13:46

Tgt Ion: 62 Resp: 57710

Ion Ratio Lower Upper

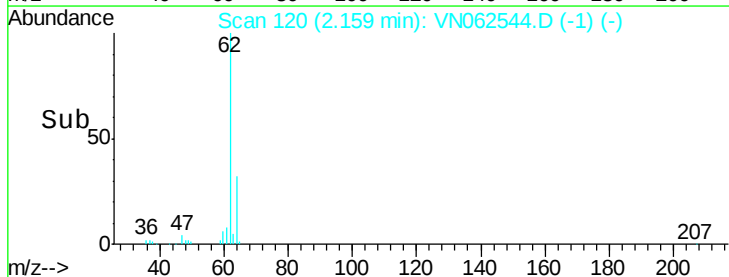
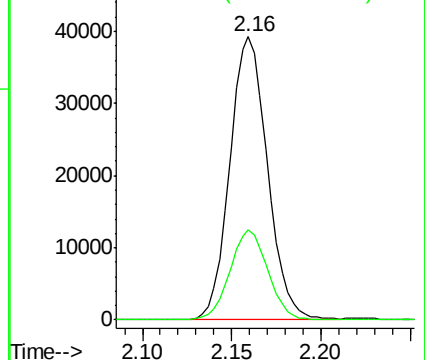
62 100

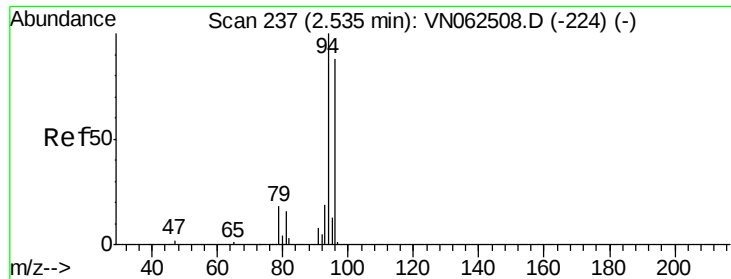
64 31.7 24.3 36.5



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 17.503 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

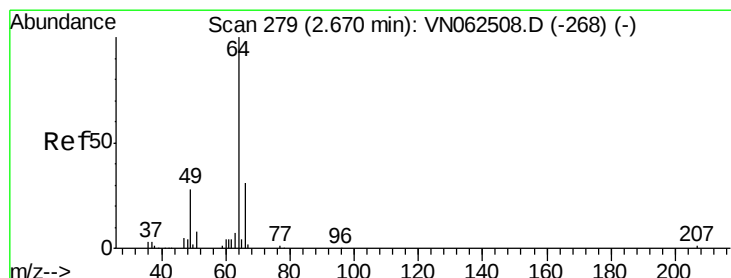
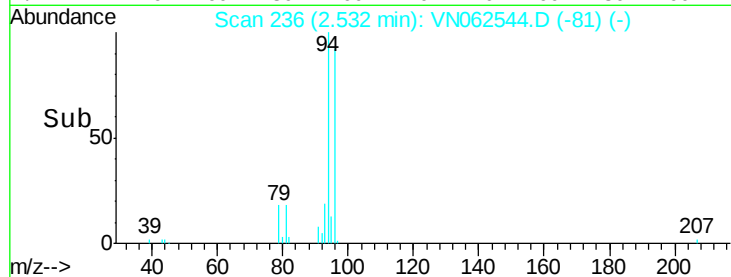
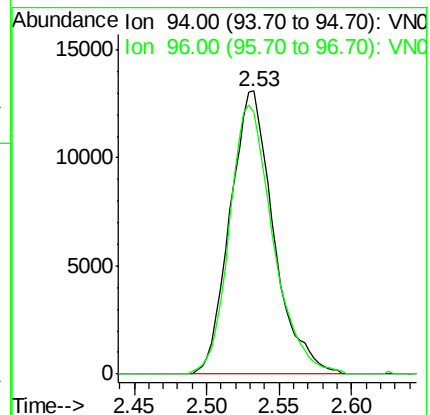
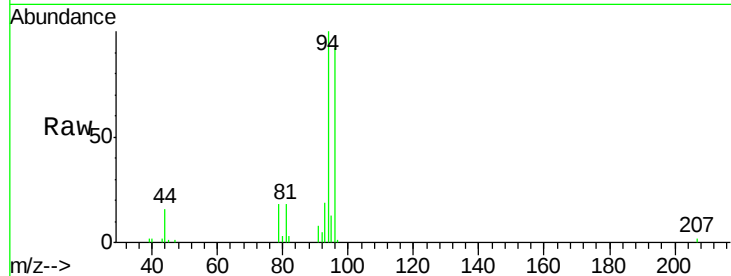
VN0716WBS01

Tot Ion: 94 Resp: 27324

Ion Ratio Lower Upper

94 100

96 91.2 70.2 105.4



#6

Chloroethane

Concen: 18.404 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN062544.D

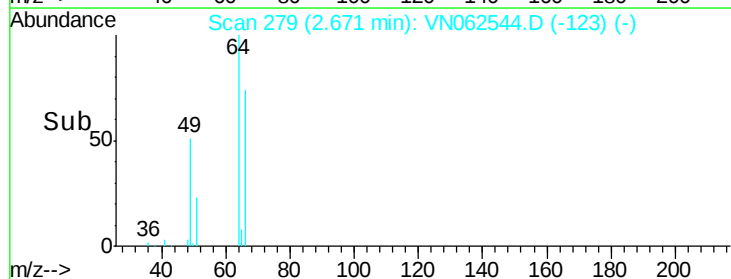
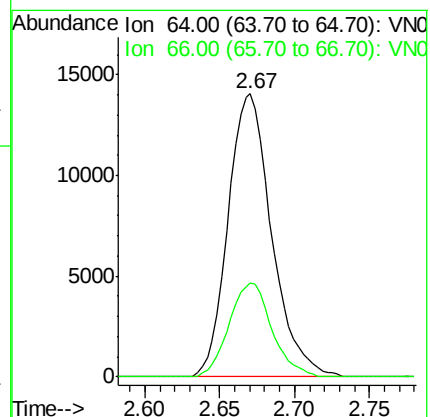
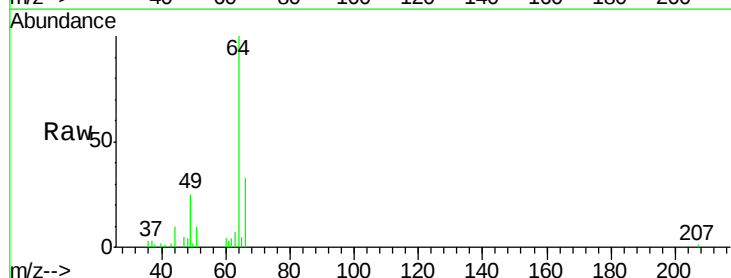
Acq: 16 Jul 2020 13:46

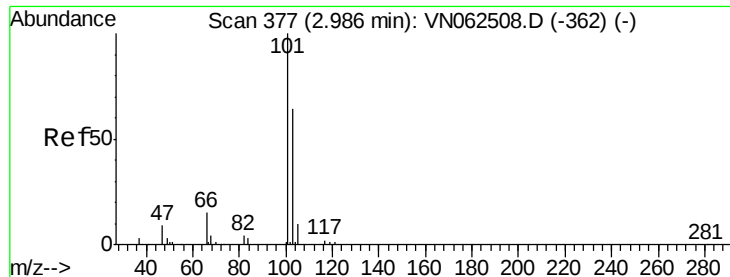
Tgt Ion: 64 Resp: 28509

Ion Ratio Lower Upper

64 100

66 33.2 24.9 37.3



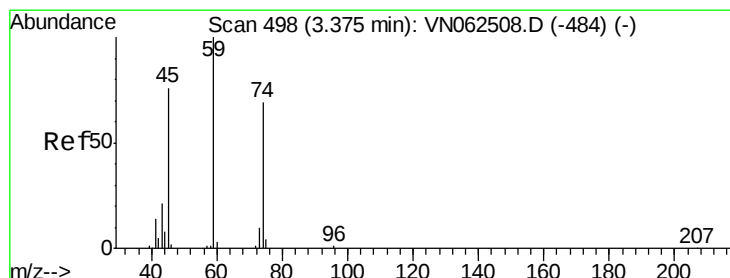
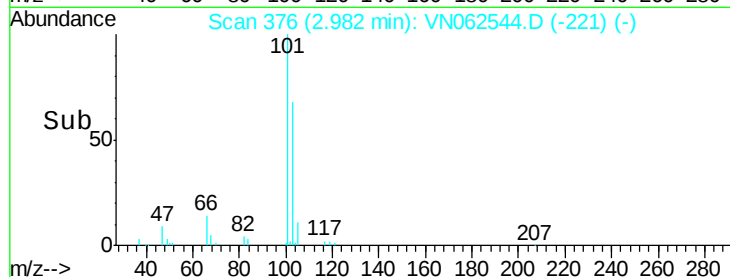
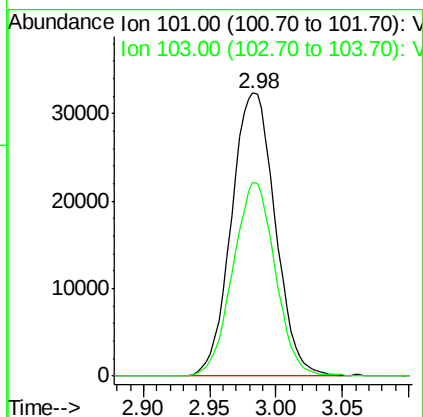
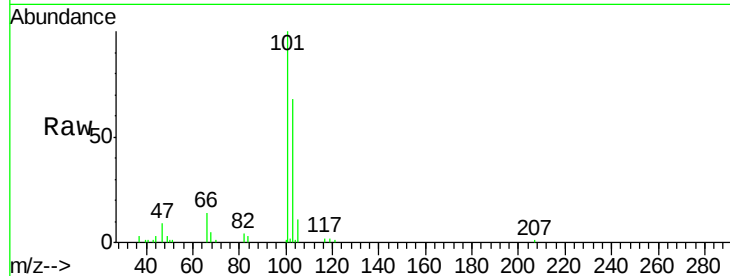


#7

Trichlorofluoromethane
 Concen: 20.107 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

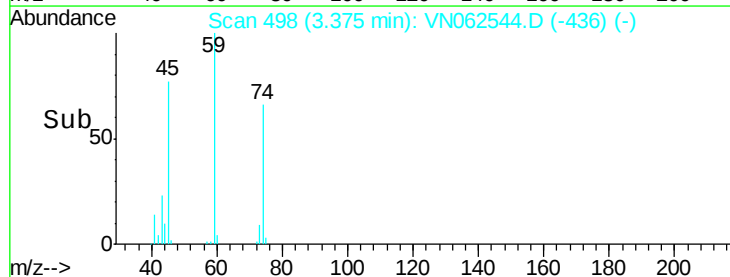
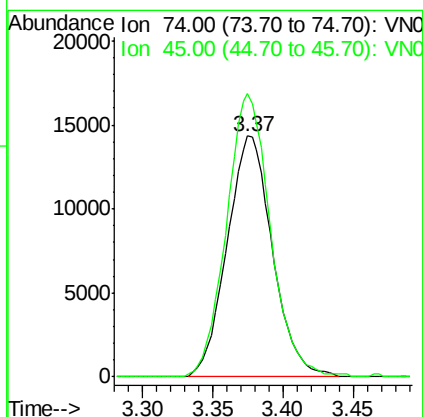
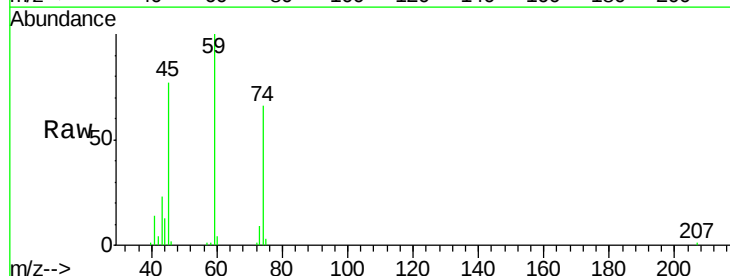
Tot Ion:101 Resp: 74153
 Ion Ratio Lower Upper
 101 100
 103 68.4 50.9 76.3

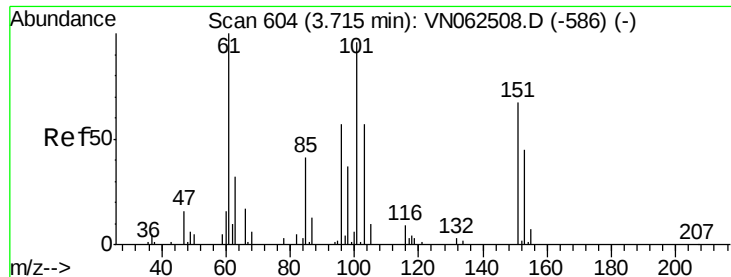


#8

Diethyl Ether
 Concen: 18.169 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion: 74 Resp: 32212
 Ion Ratio Lower Upper
 74 100
 45 114.0 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.994 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

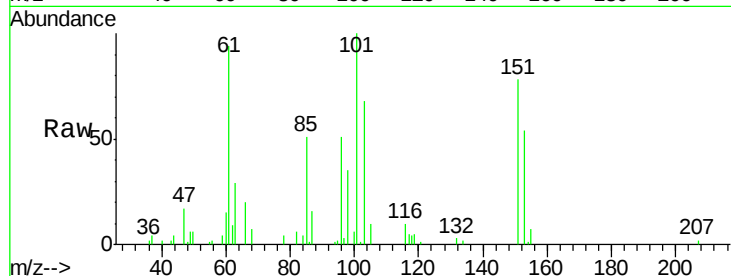
Tot Ion:101 Resp: 45285

Ion Ratio Lower Upper

101 100

85 46.7 0.0 90.4

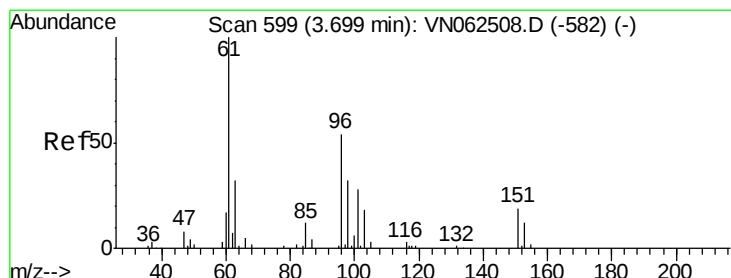
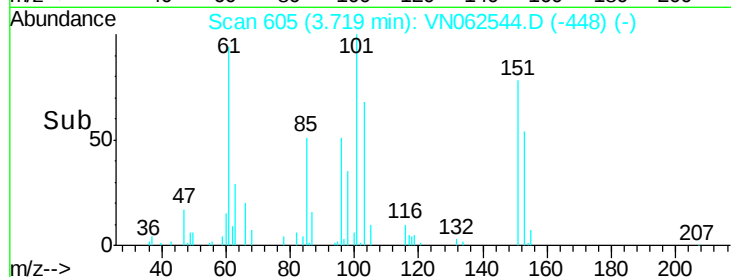
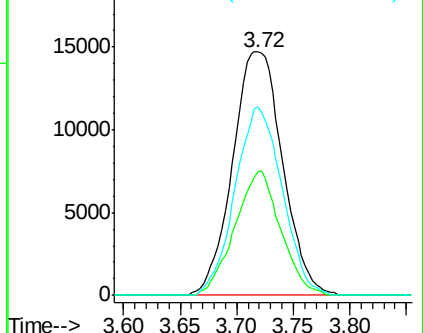
151 73.0 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.512 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

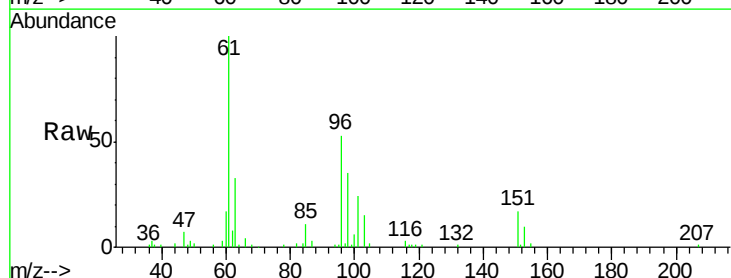
Tgt Ion: 96 Resp: 45027

Ion Ratio Lower Upper

96 100

61 187.1 147.8 221.8

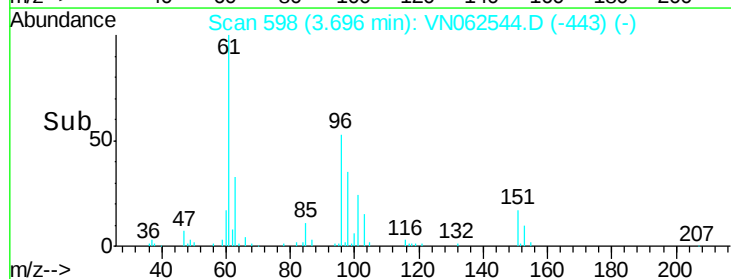
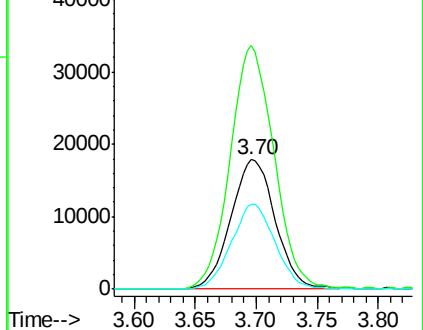
98 66.1 47.8 71.8

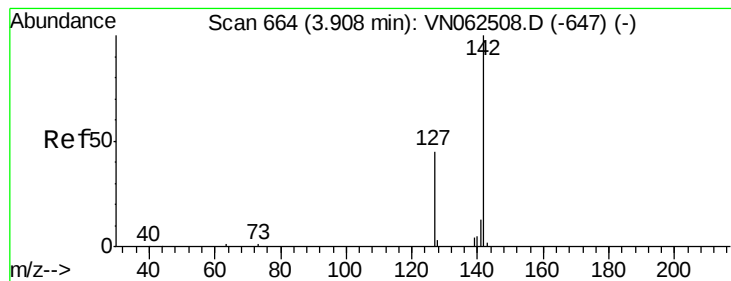


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#11

Methvl Iodide

Concen: 19.243 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

VN0716WBS01

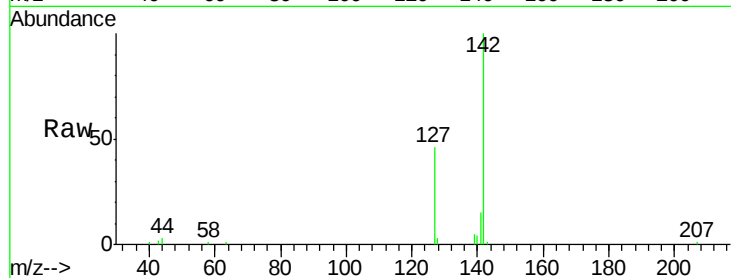
Tot Ion:142 Resp: 57317

Ion Ratio Lower Upper

142 100

127 45.6 22.1 66.5

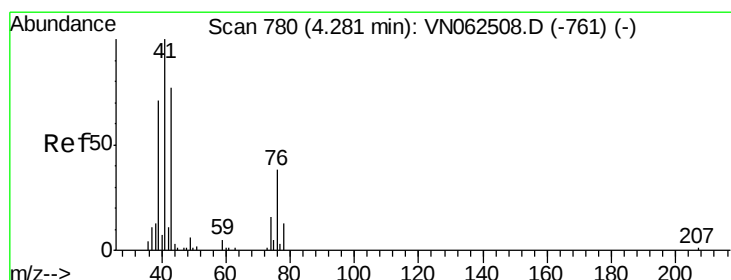
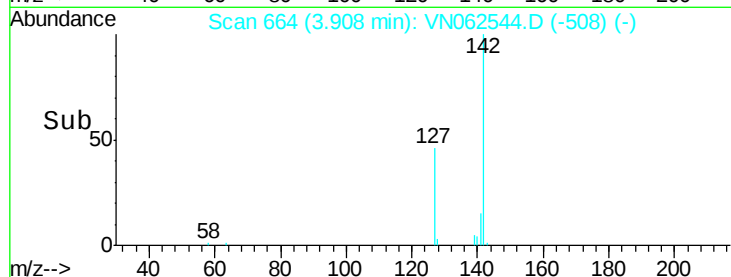
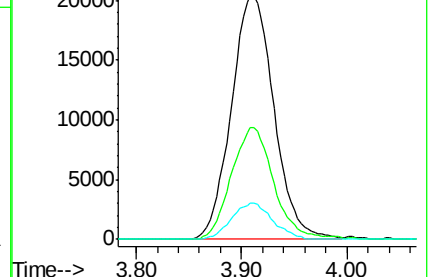
141 14.8 6.5 19.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.473 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062544.D

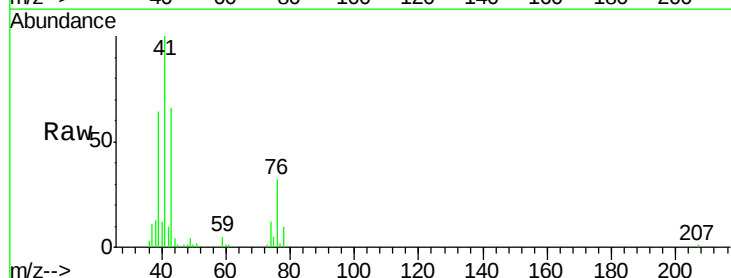
Acq: 16 Jul 2020 13:46

Tgt Ion: 43 Resp: 63522

Ion Ratio Lower Upper

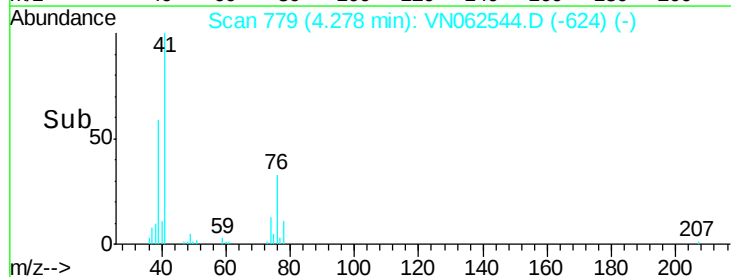
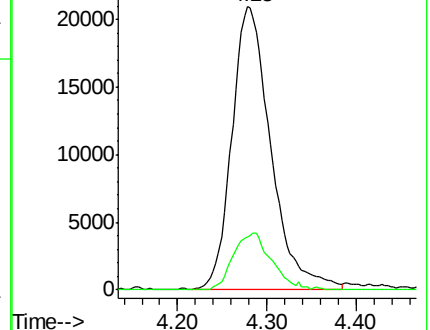
43 100

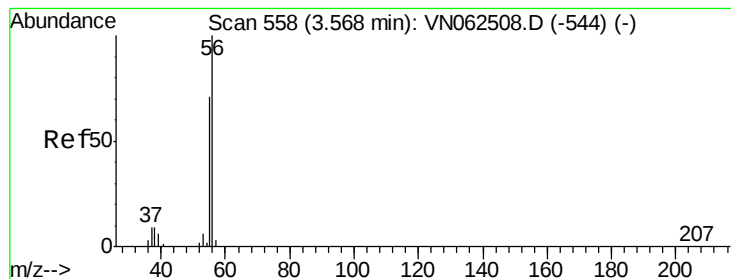
74 19.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 113.836 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

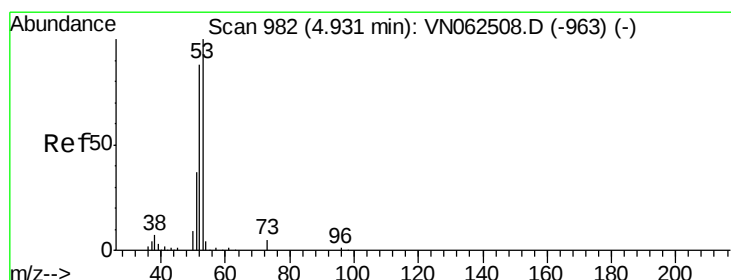
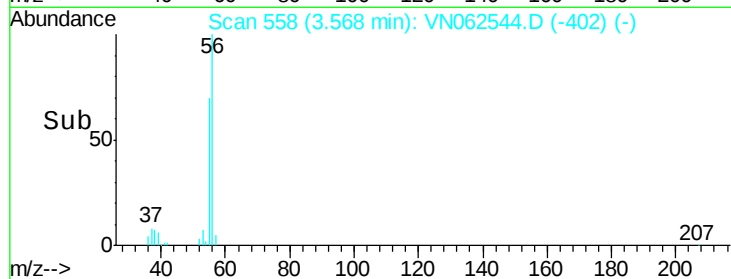
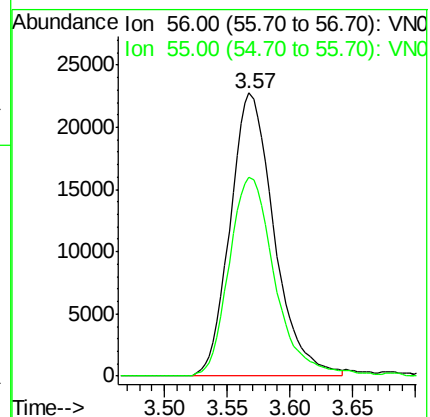
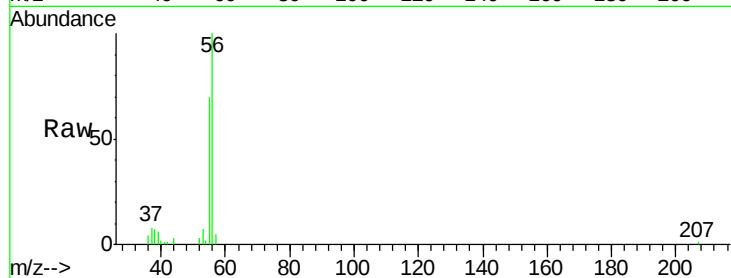
VN0716WBS01

Tot Ion: 56 Resp: 55481

Ion Ratio Lower Upper

56 100

55 72.9 56.0 84.0



#14

Acrylonitrile

Concen: 93.628 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

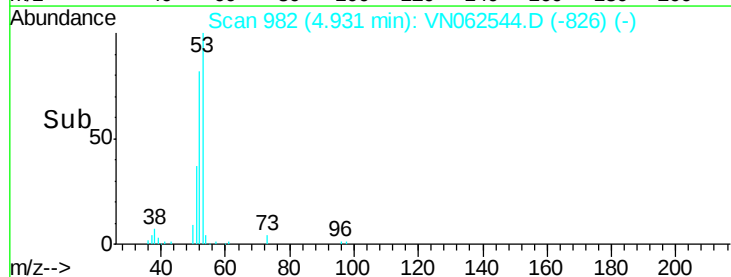
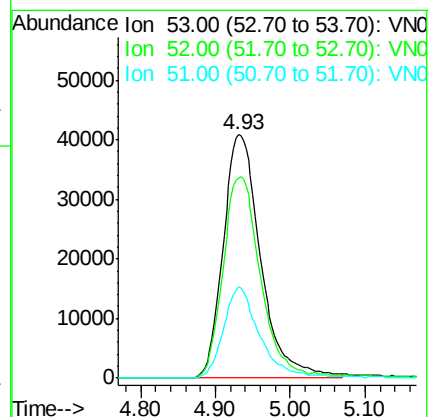
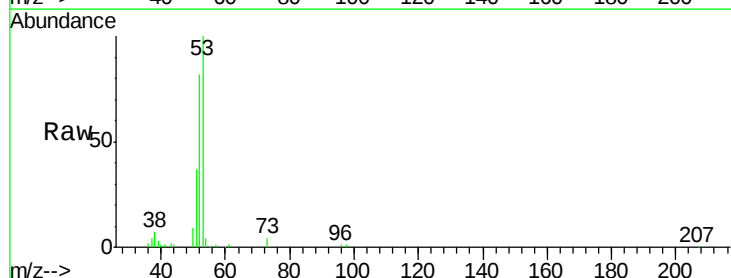
Tgt Ion: 53 Resp: 142045

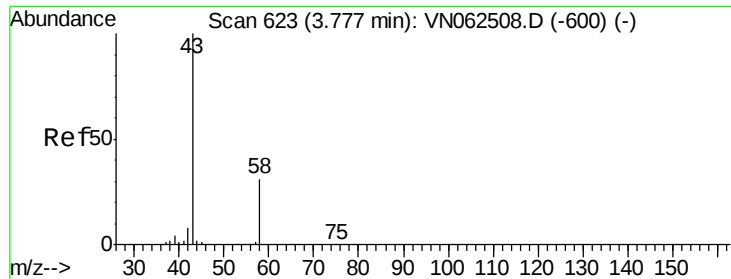
Ion Ratio Lower Upper

53 100

52 81.7 41.8 125.4

51 35.5 18.5 55.5





#15

Acetone

Concen: 85.137 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

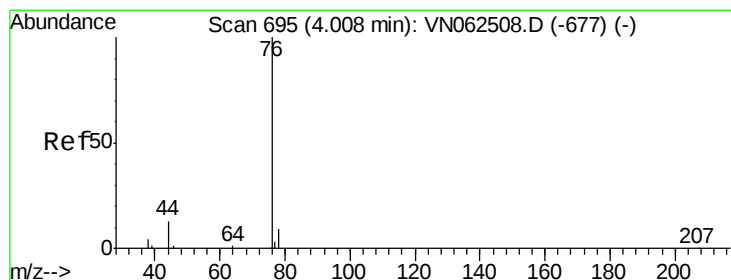
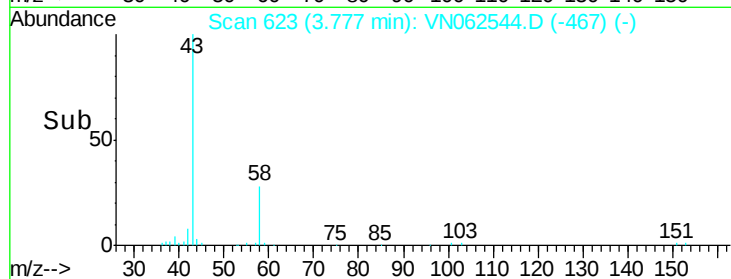
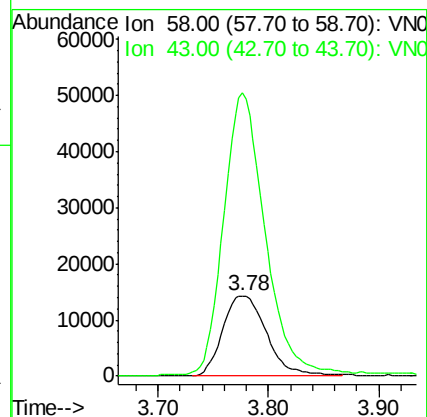
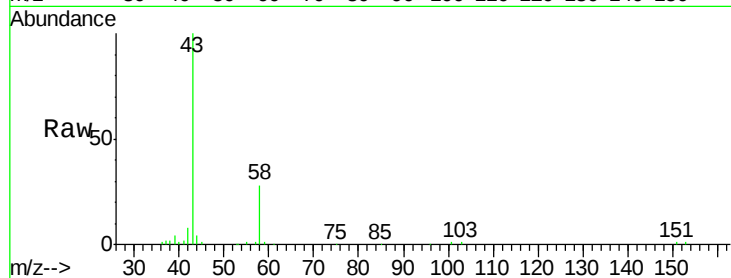
VN0716WBS01

Tot Ion: 58 Resp: 39650

Ion Ratio Lower Upper

58 100

43 346.6 261.1 391.7



#16

Carbon Disulfide

Concen: 18.395 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062544.D

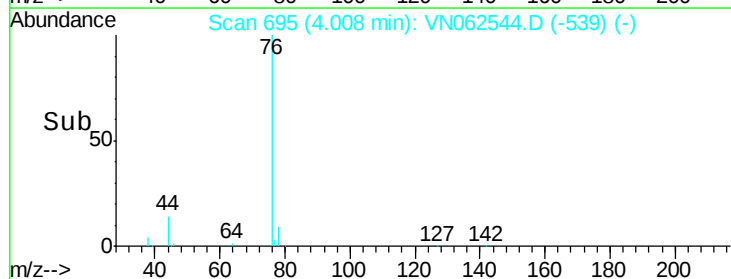
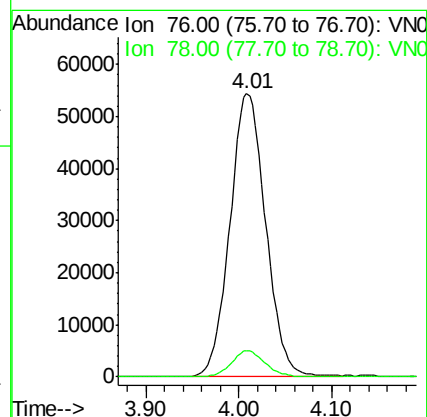
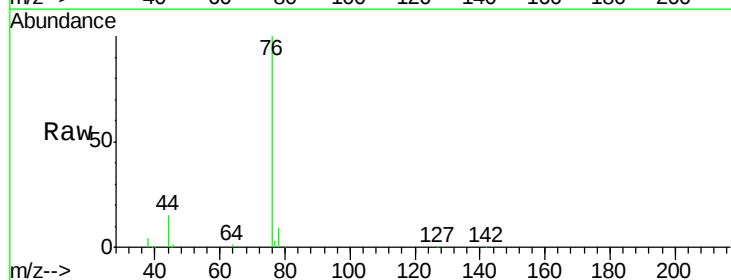
Acq: 16 Jul 2020 13:46

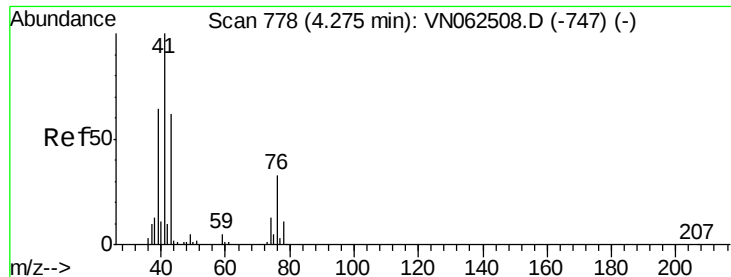
Tgt Ion: 76 Resp: 145803

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

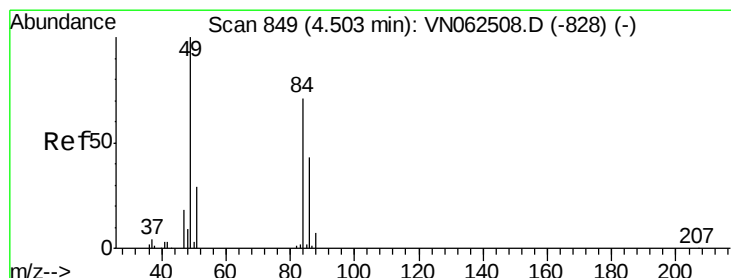
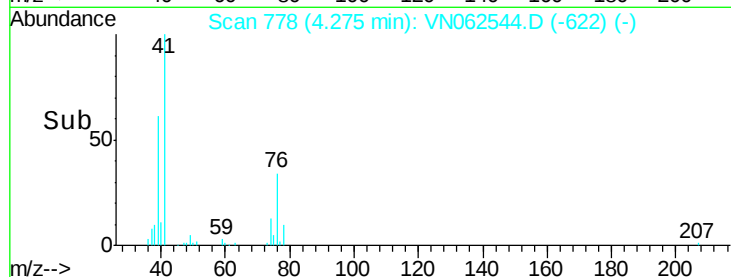
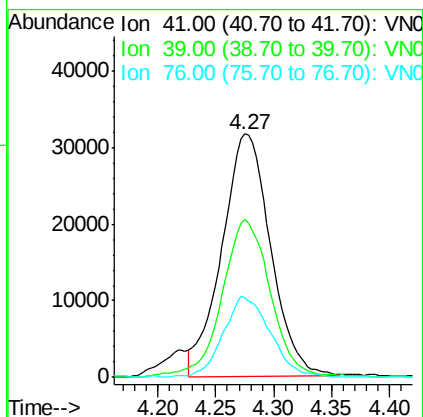
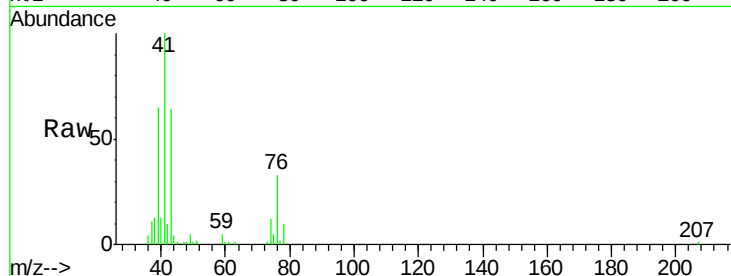




#17
Allvl chloride
Concen: 17.918 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

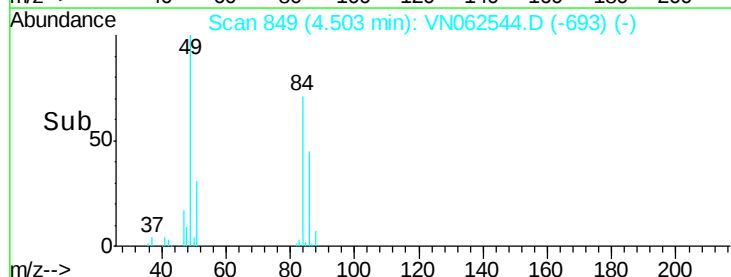
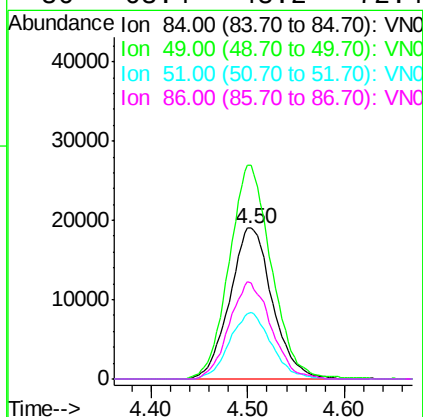
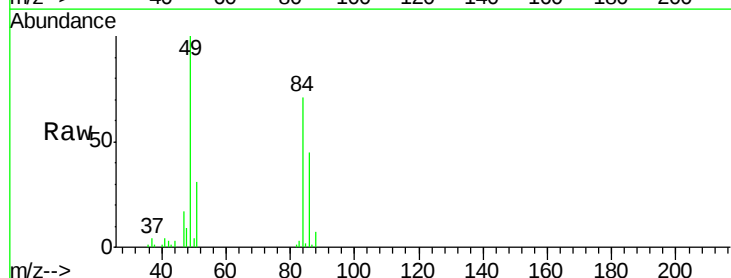
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

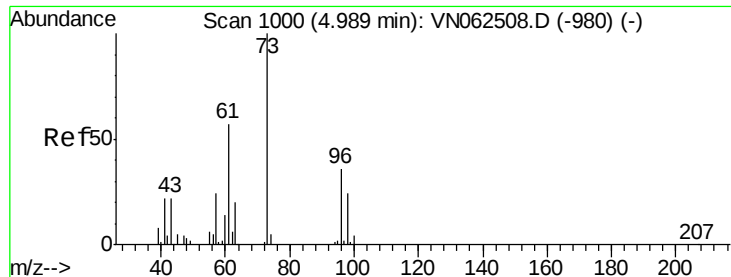
Tot Ion: 41 Resp: 92689
Ion Ratio Lower Upper
41 100
39 64.6 31.9 95.5
76 33.1 16.6 49.8



#18
Methylene Chloride
Concen: 19.459 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 84 Resp: 58238
Ion Ratio Lower Upper
84 100
49 140.3 112.1 168.1
51 44.0 33.0 49.4
86 63.4 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 18.977 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

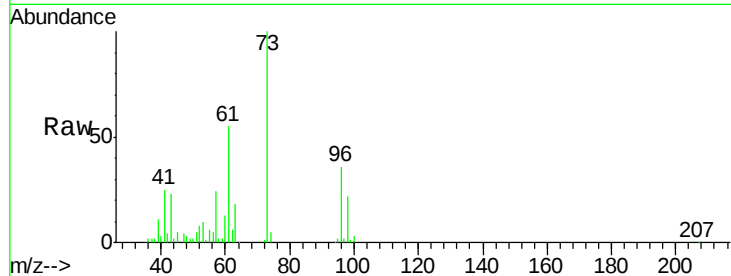
Tot Ion: 96 Resp: 51087

Ion Ratio Lower Upper

96 100

61 150.9 125.7 188.5

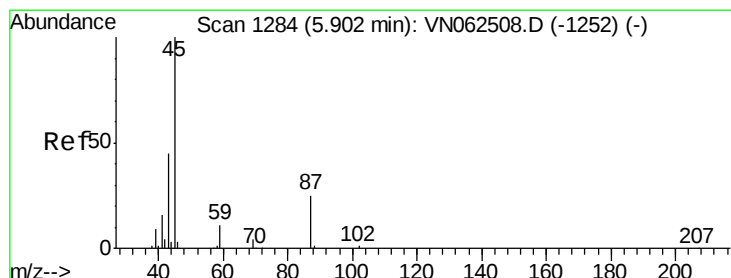
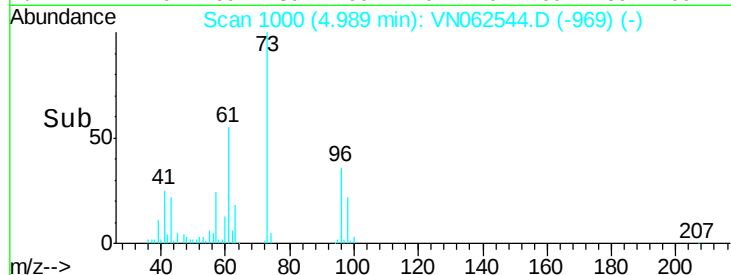
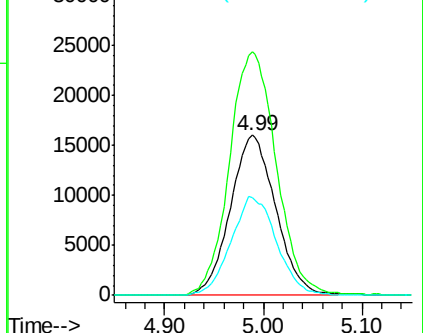
98 61.4 54.1 81.1



Abundance Ion 96.00 (95.70 to 96.70): VN062508.D (-980) (-)

Ion 61.00 (60.70 to 61.70): VN062508.D (-980) (-)

Ion 98.00 (97.70 to 98.70): VN062508.D (-980) (-)



#20

Diisopropyl ether

Concen: 19.221 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Tgt Ion: 45 Resp: 204400

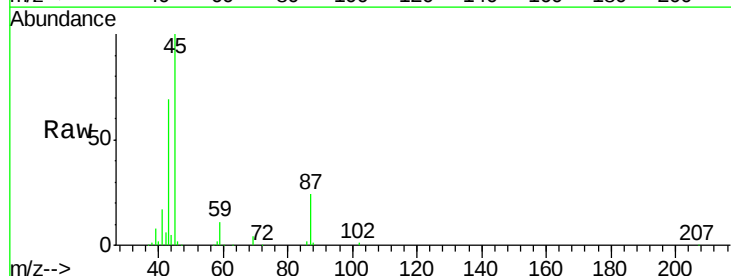
Ion Ratio Lower Upper

45 100

43 66.8 51.3 76.9

87 23.6 19.8 29.6

59 10.5 8.8 13.2

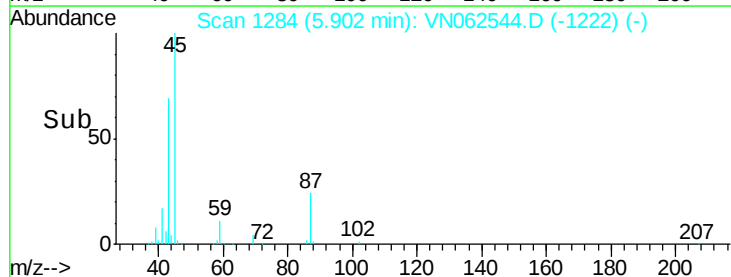
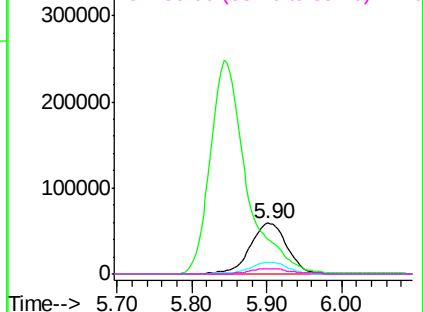


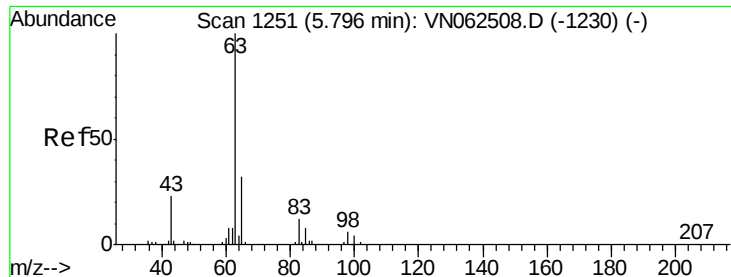
Abundance Ion 45.00 (44.70 to 45.70): VN062508.D (-1252) (-)

Ion 43.00 (42.70 to 43.70): VN062508.D (-1252) (-)

Ion 87.00 (86.70 to 87.70): VN062508.D (-1252) (-)

Ion 59.00 (58.70 to 59.70): VN062508.D (-1252) (-)





#21

1,1-Dichloroethane

Concen: 18.986 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

VN0716WBS01

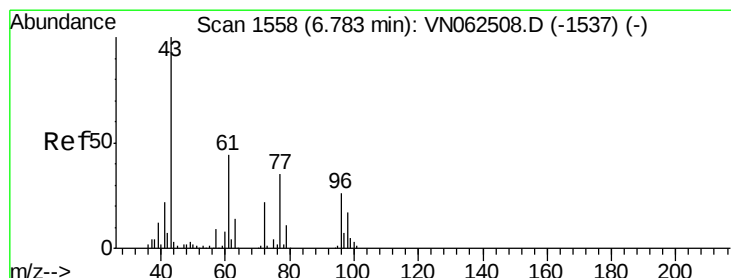
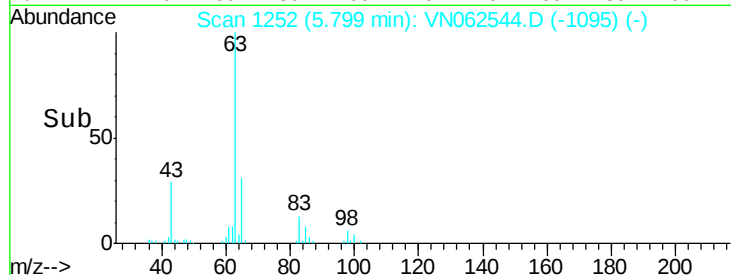
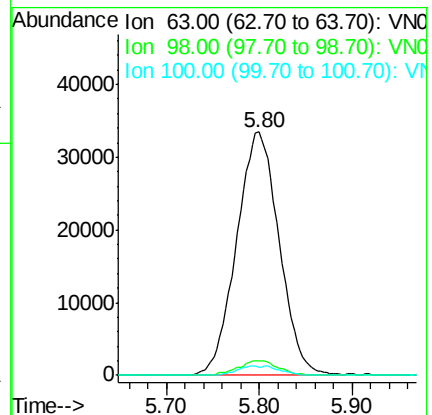
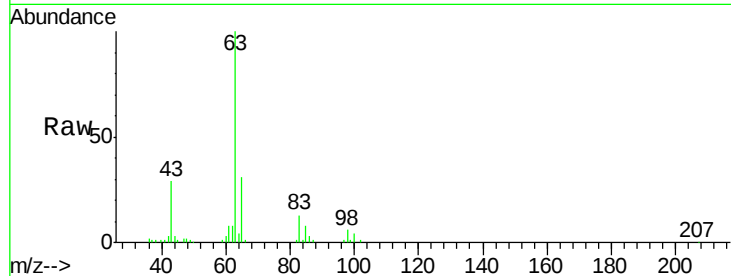
Tot Ion: 63 Resp: 106741

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.6 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 18.958 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

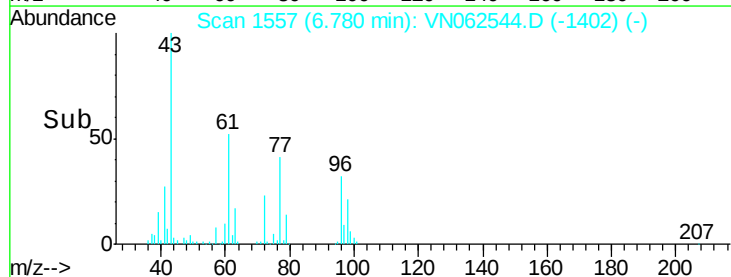
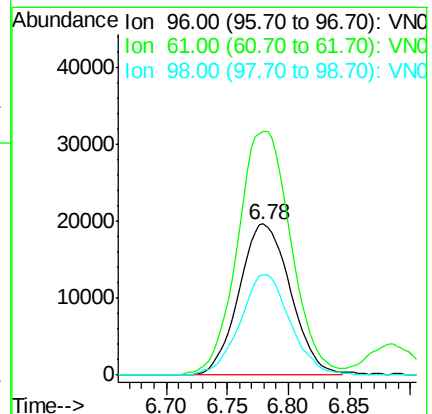
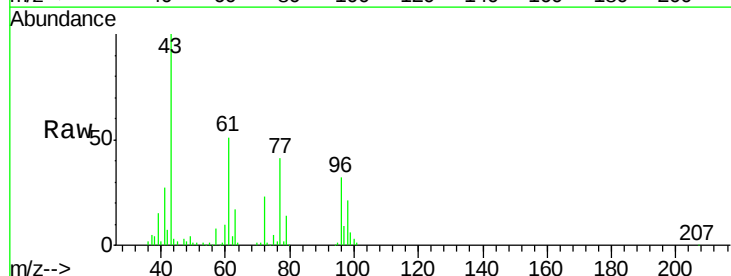
Tgt Ion: 96 Resp: 57555

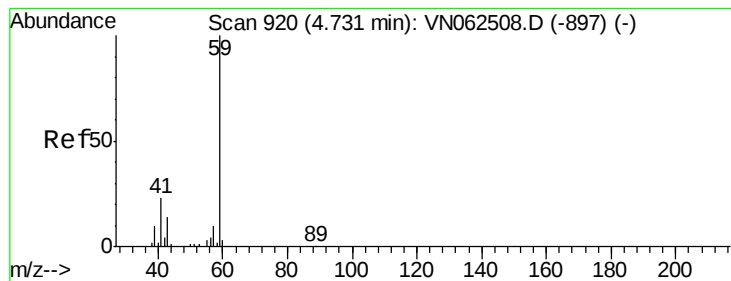
Ion Ratio Lower Upper

96 100

61 166.9 134.9 202.3

98 64.5 51.5 77.3





#23

tert-Butyl Alcohol

Concen: 97.708 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

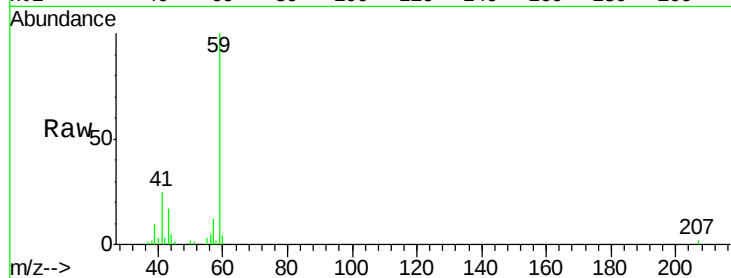
VN0716WBS01

Tot Ion: 59 Resp: 49608

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

15000

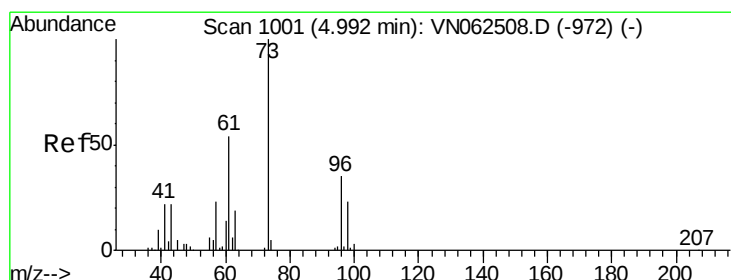
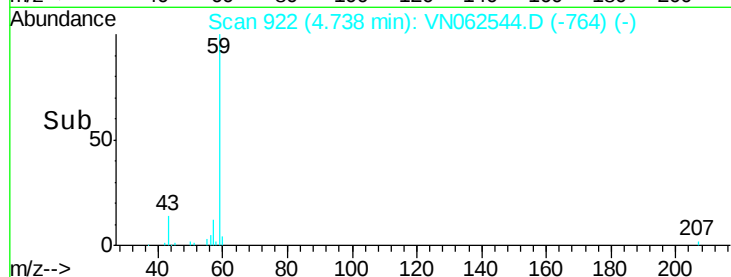
10000

5000

0

4.60 4.70 4.80

Time-->



#24

Methyl tert-Butyl Ether

Concen: 18.483 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062544.D

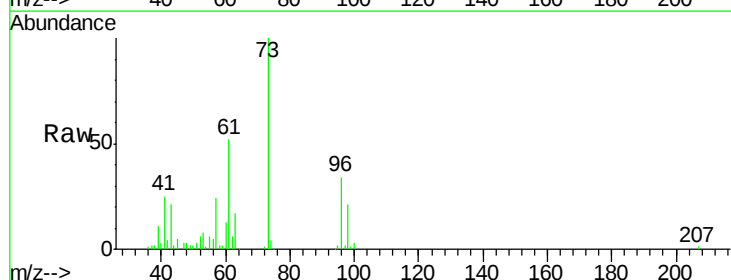
Acq: 16 Jul 2020 13:46

Tgt Ion: 73 Resp: 165739

Ion Ratio Lower Upper

73 100

43 21.7 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

50000

40000

30000

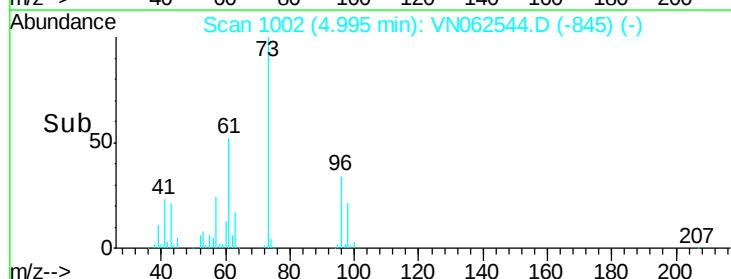
20000

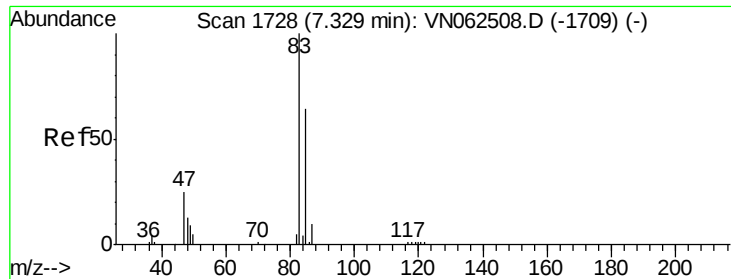
10000

0

4.90 5.00 5.10

Time-->





#25

Chloroform

Concen: 19.217 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

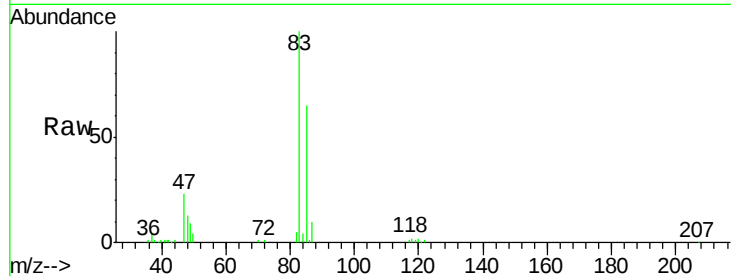
VN0716WBS01

Tot Ion: 83 Resp: 99080

Ion Ratio Lower Upper

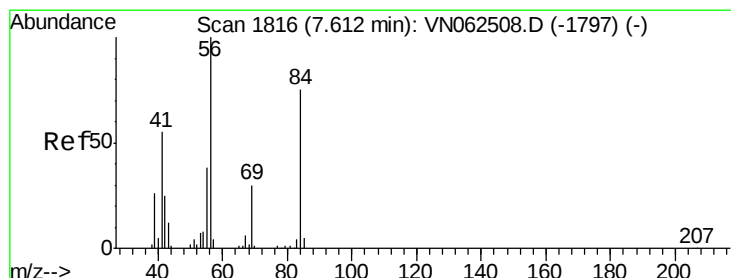
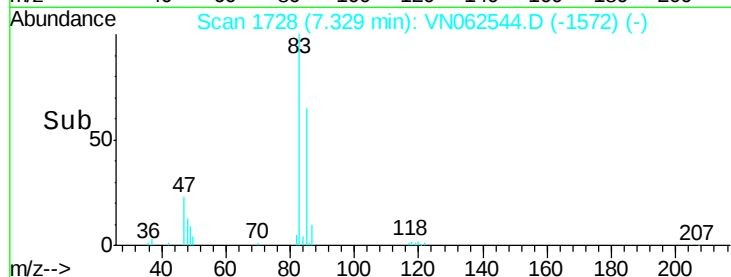
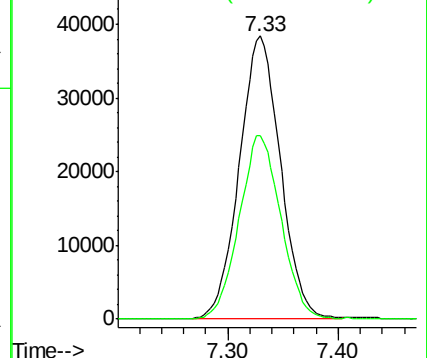
83 100

85 64.9 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 18.111 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

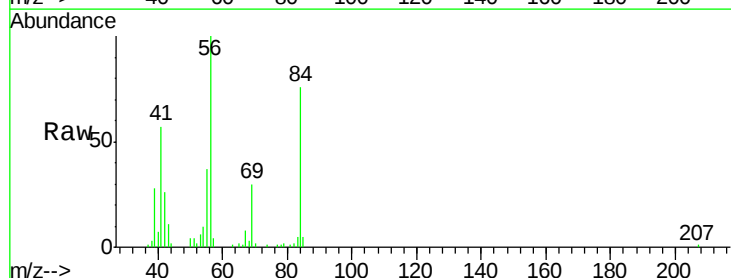
Tgt Ion: 56 Resp: 89747

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

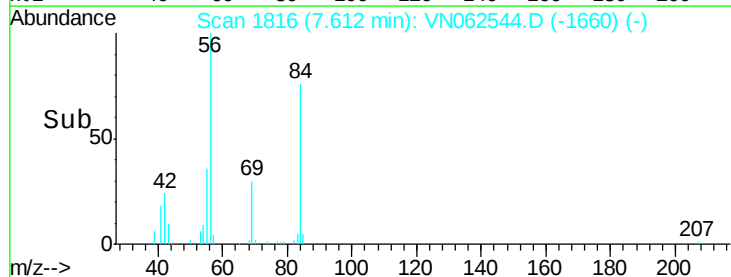
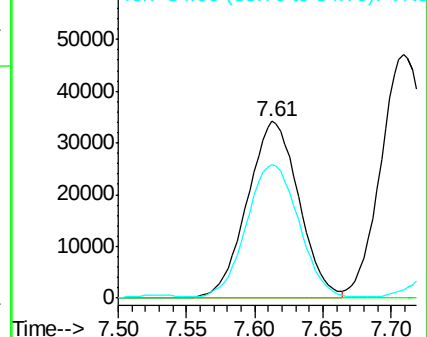
84 74.8 61.1 91.7

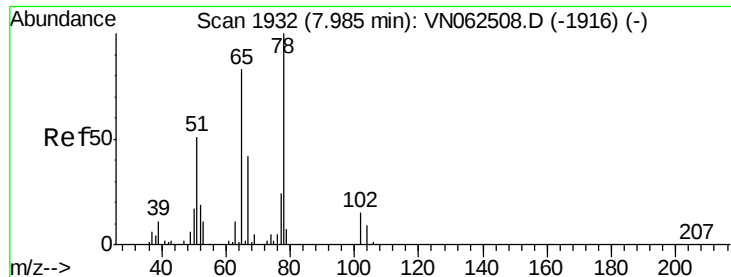


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 29.775 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

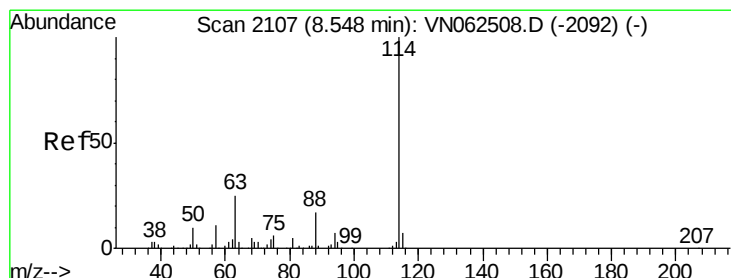
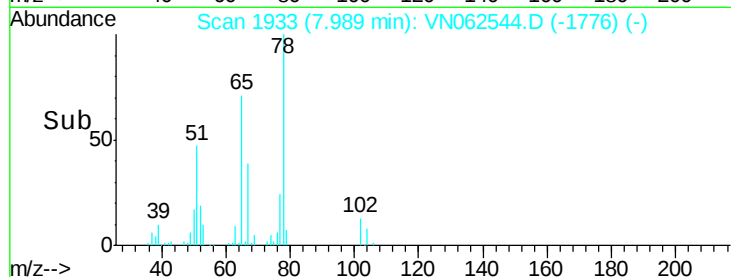
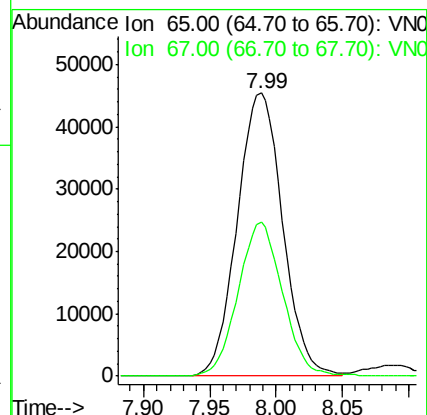
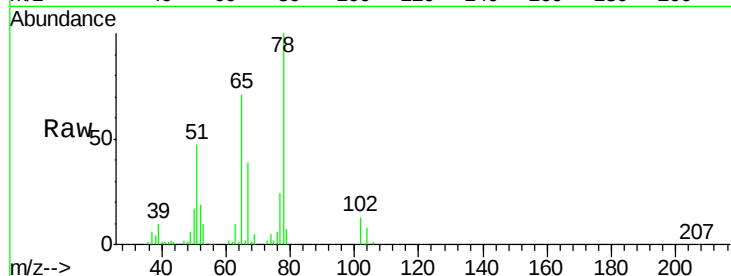
VN0716WBS01

Tot Ion: 65 Resp: 108037

Ion Ratio Lower Upper

65 100

67 53.3 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: VN062544.D

Acq: 16 Jul 2020 13:46

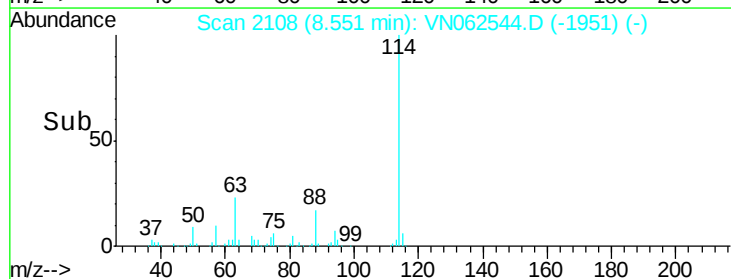
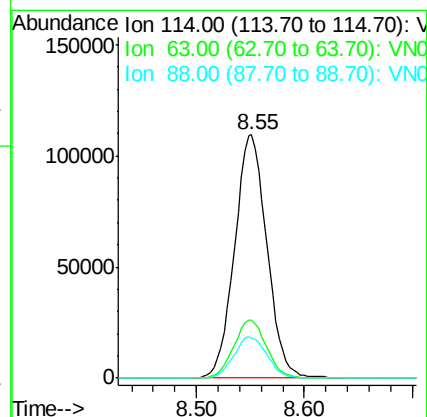
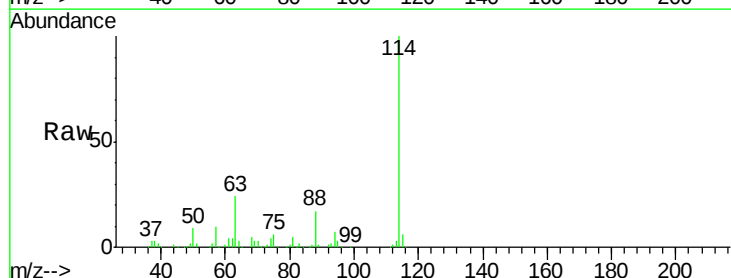
Tgt Ion: 114 Resp: 228557

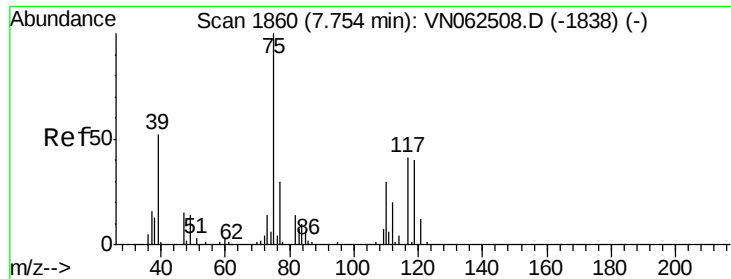
Ion Ratio Lower Upper

114 100

63 24.0 19.4 29.0

88 17.3 13.5 20.3

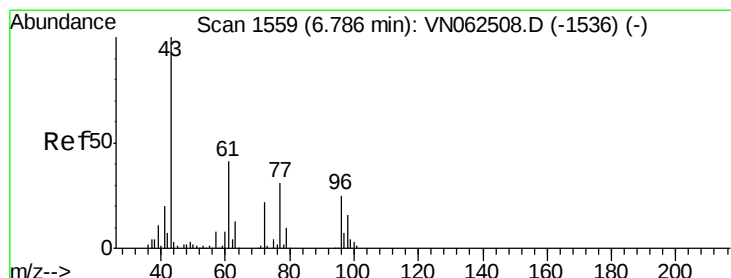
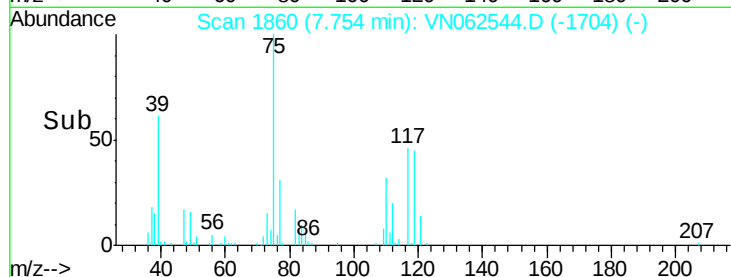
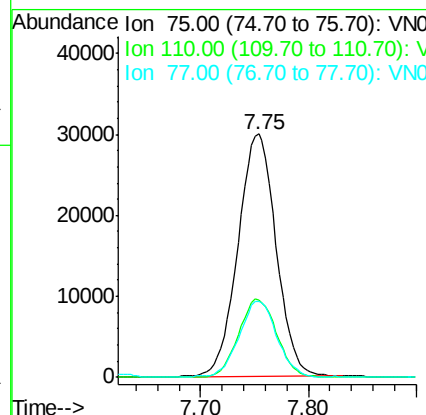
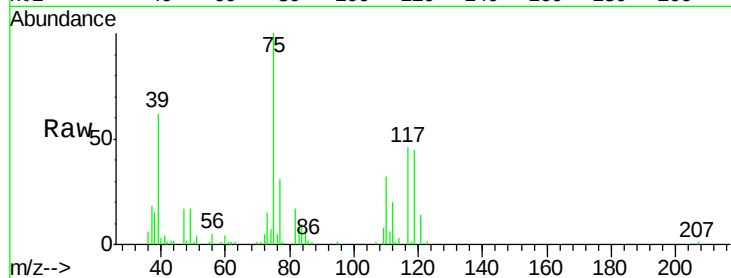




#29
 1,1-Dichloropropene
 Concen: 19.047 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

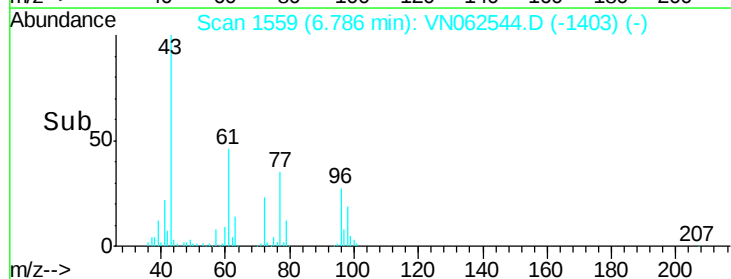
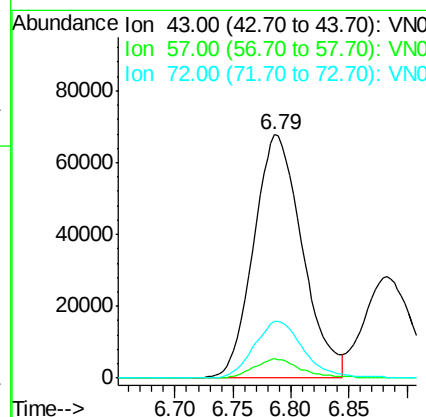
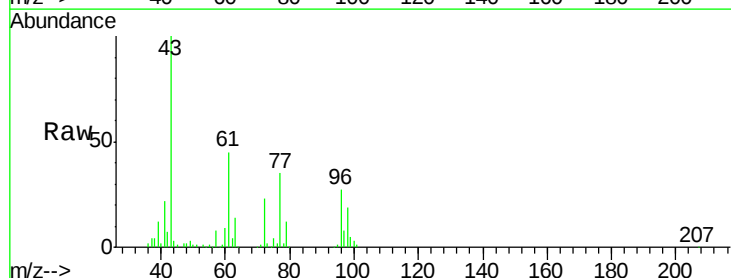
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

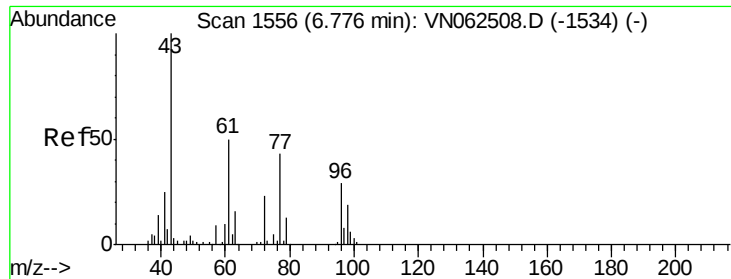
Tot Ion: 75 Resp: 73842
 Ion Ratio Lower Upper
 75 100
 110 32.2 0.0 62.4
 77 31.2 0.0 62.8



#30
 2-Butanone
 Concen: 96.283 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion: 43 Resp: 197964
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.6 9.8
 72 23.5 18.5 27.7





#31

2,2-Dichloropropane

Concen: 19.581 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

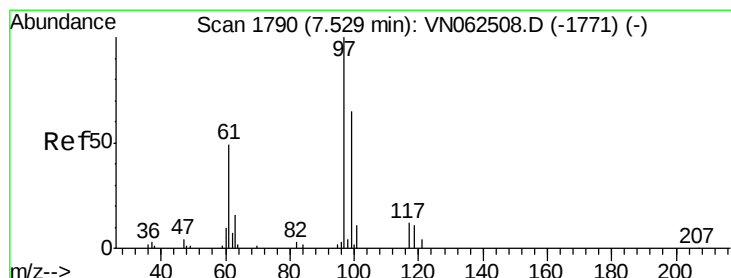
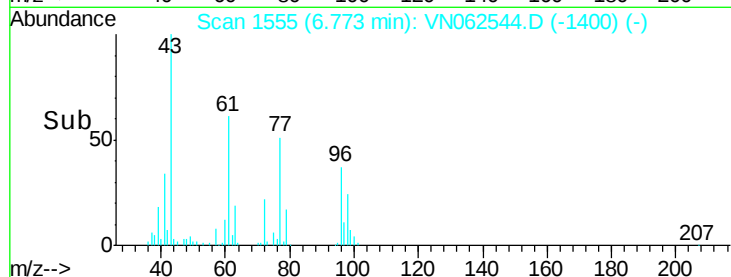
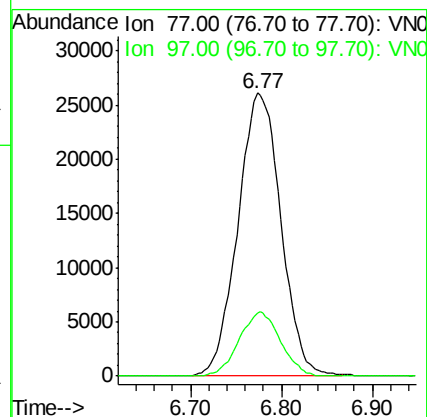
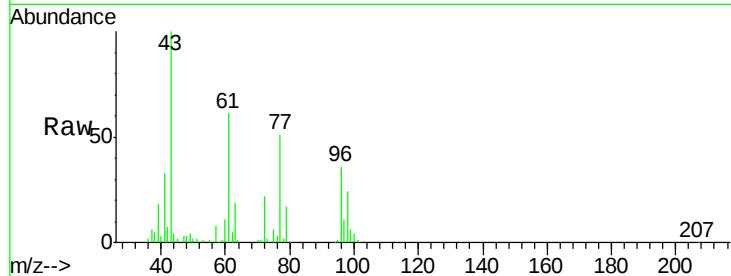
VN0716WBS01

Tot Ion: 77 Resp: 85596

Ion Ratio Lower Upper

77 100

97 21.6 8.6 12.8#



#32

1,1,1-Trichloroethane

Concen: 20.092 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

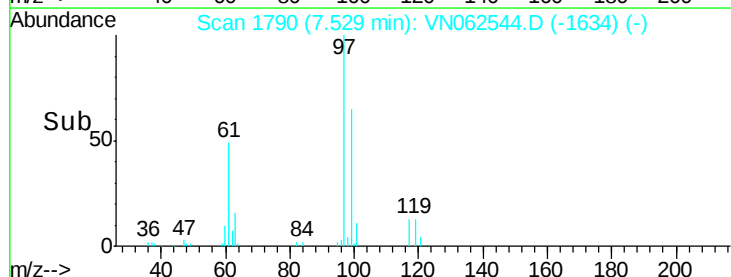
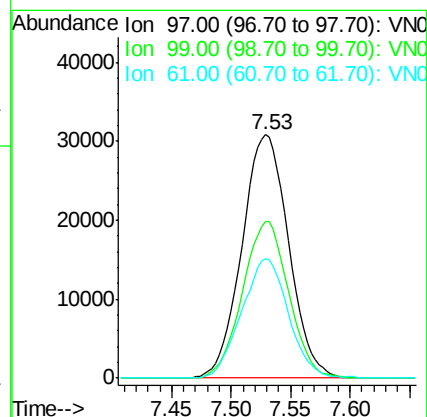
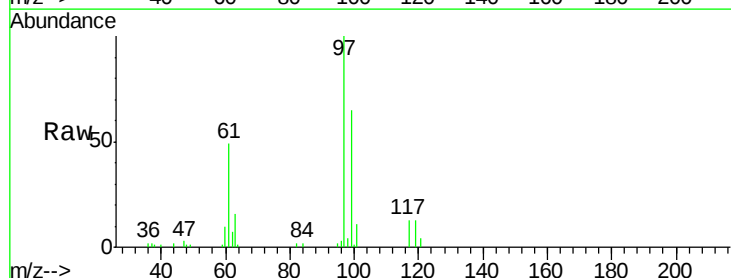
Tgt Ion: 97 Resp: 83720

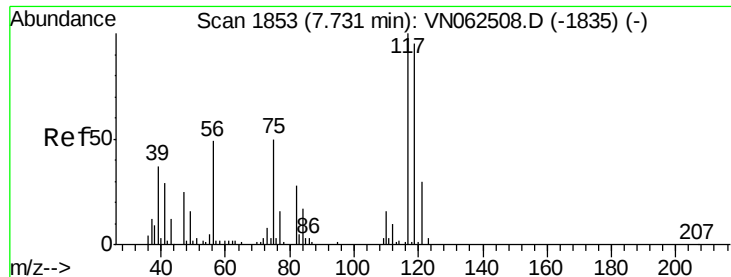
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.8

61 48.8 39.4 59.0

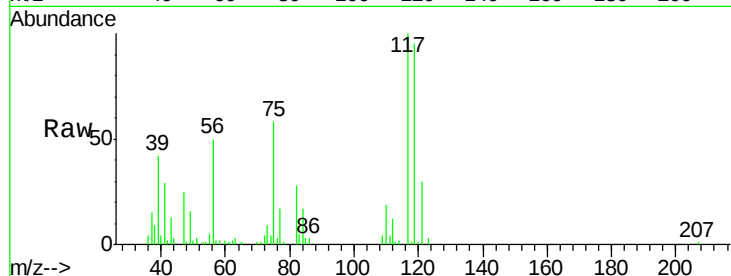




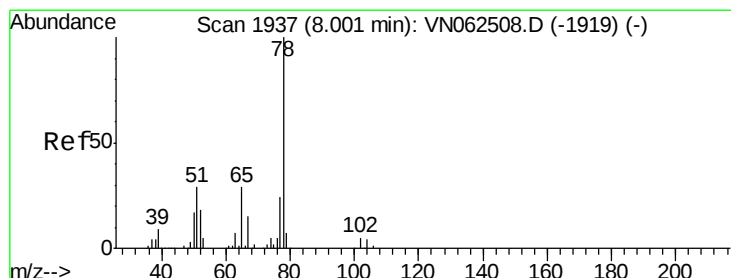
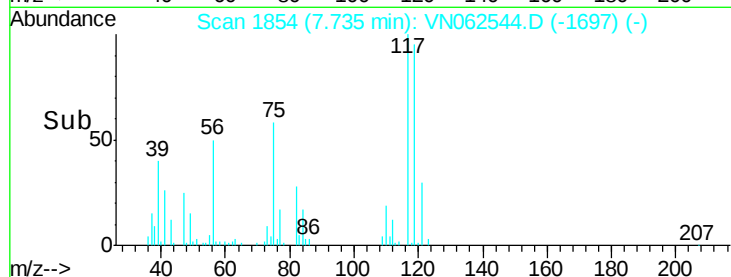
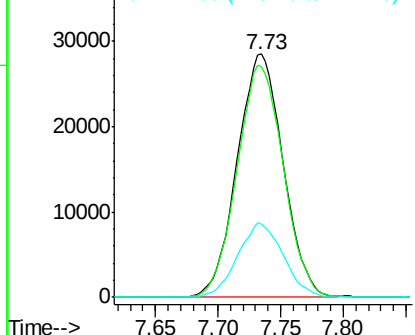
#33
Carbon Tetrachloride
Concen: 20.121 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion:117 Resp: 72677
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.4
121 29.9 23.8 35.6

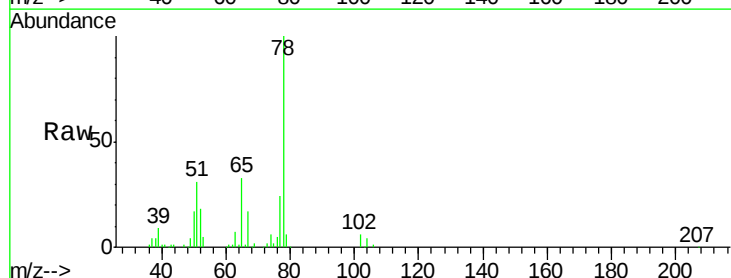


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

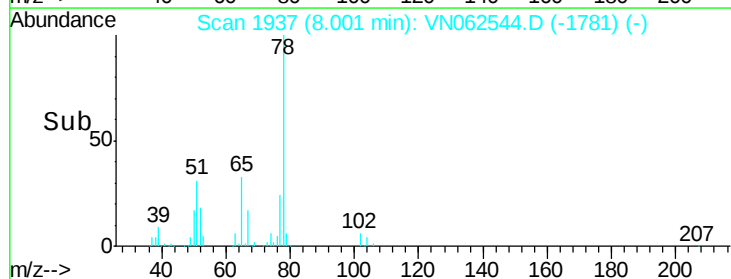
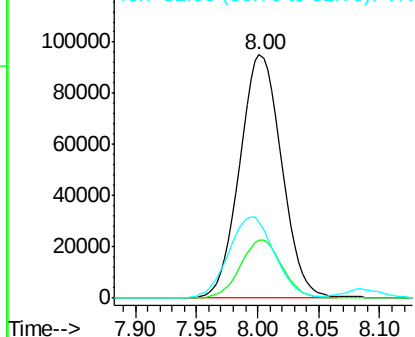


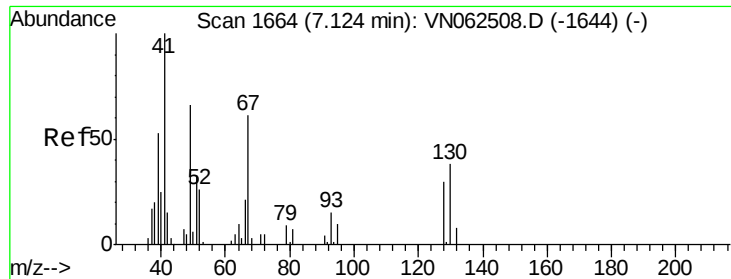
#34
Benzene
Concen: 19.690 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 78 Resp: 226782
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3
51 30.8 23.1 34.7



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

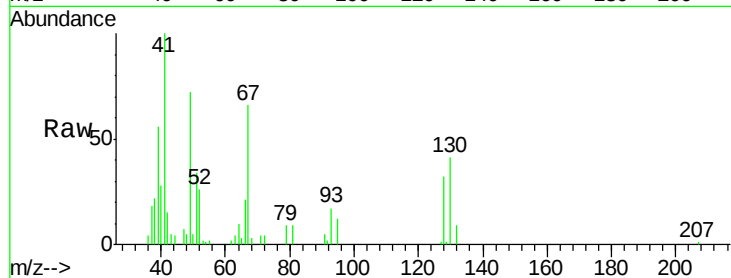




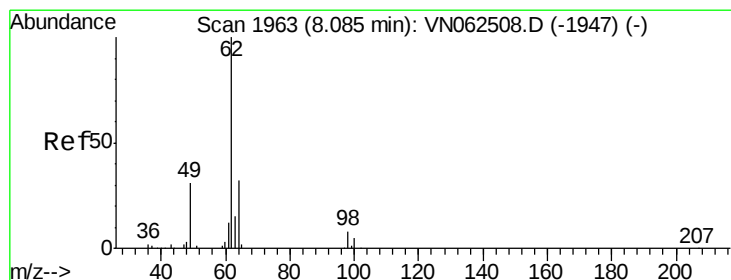
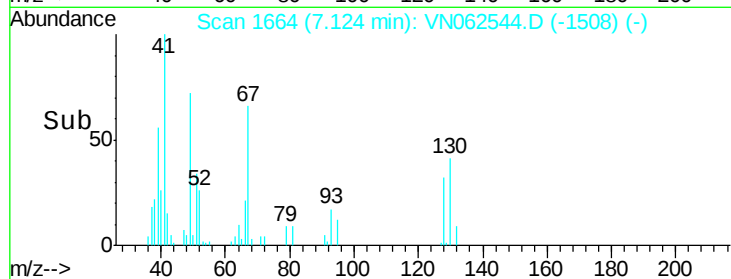
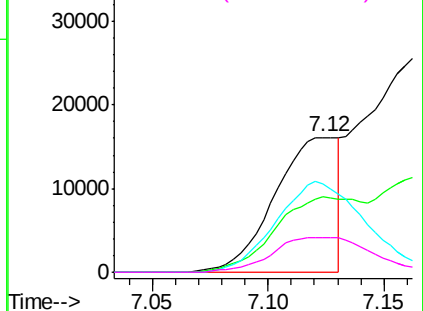
#35
Methacrylonitrile
Concen: 16.941 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

Tot Ion: 41 Resp: 30597
Ion Ratio Lower Upper
41 100
39 56.1 26.5 79.5
67 65.6 30.7 92.1
52 25.5 13.0 39.0

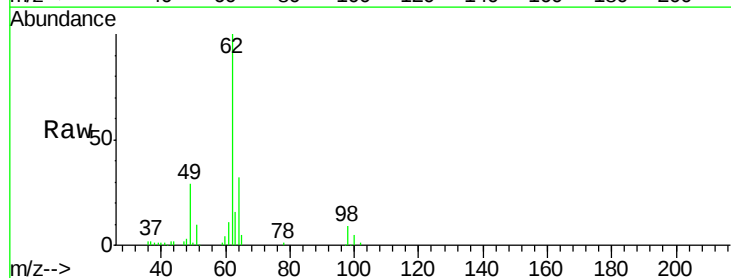


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

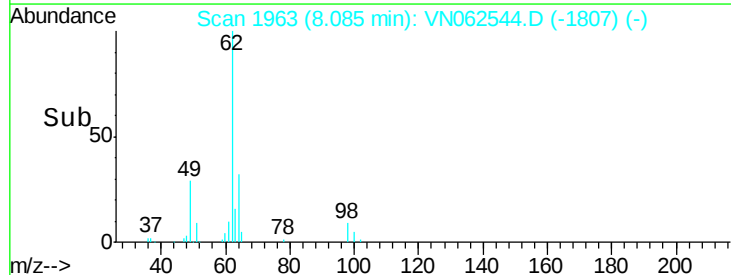
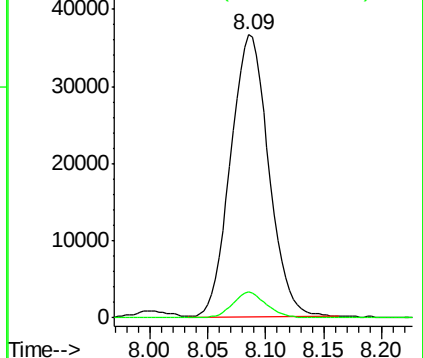


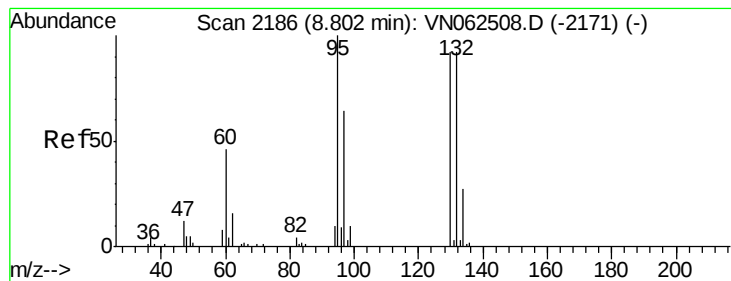
#36
1,2-Dichloroethane
Concen: 20.245 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 62 Resp: 83808
Ion Ratio Lower Upper
62 100
98 8.0 6.6 9.8



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 19.843 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

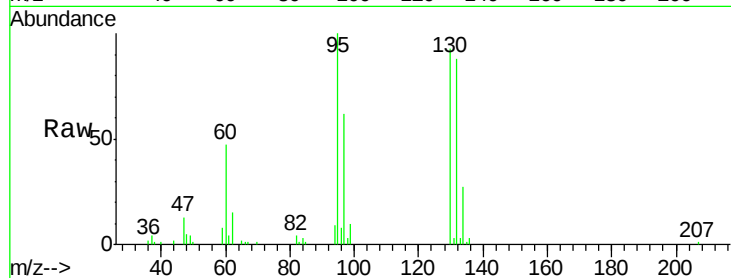
VN0716WBS01

Tot Ion:130 Resp: 51336

Ion Ratio Lower Upper

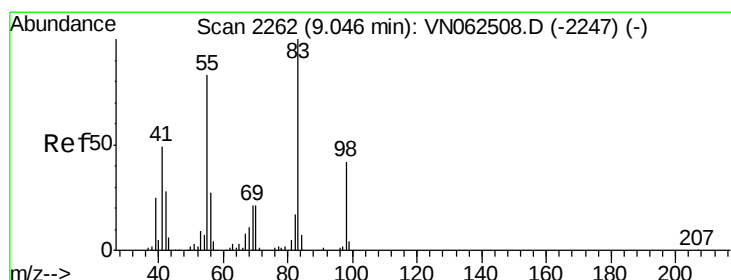
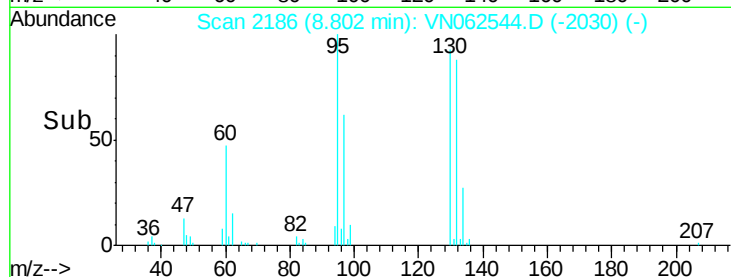
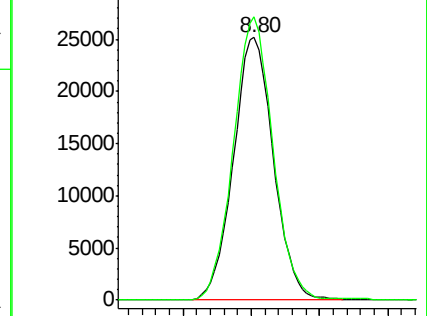
130 100

95 107.9 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: 18.382 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

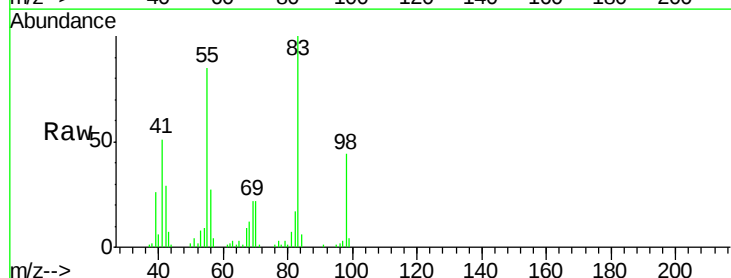
Tgt Ion: 83 Resp: 79944

Ion Ratio Lower Upper

83 100

55 87.6 42.8 128.3

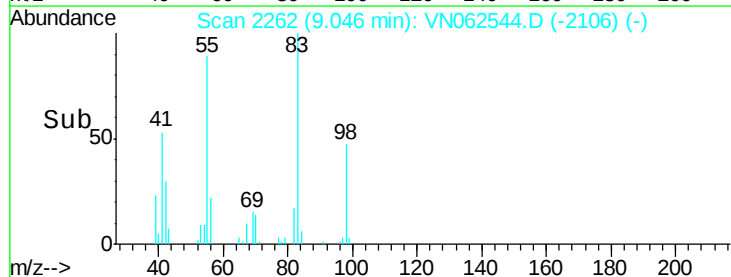
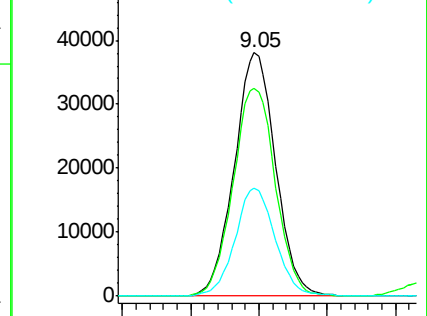
98 43.2 21.9 65.7

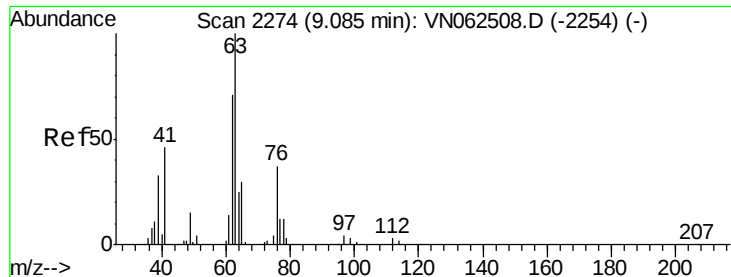


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 19.896 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

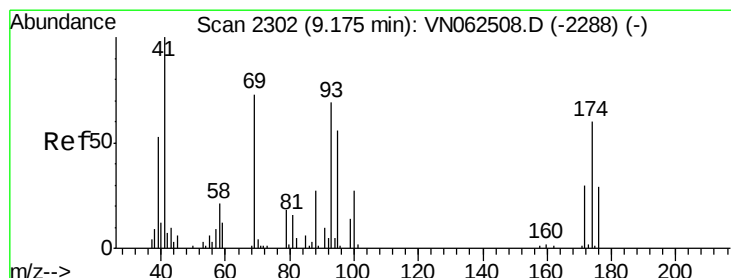
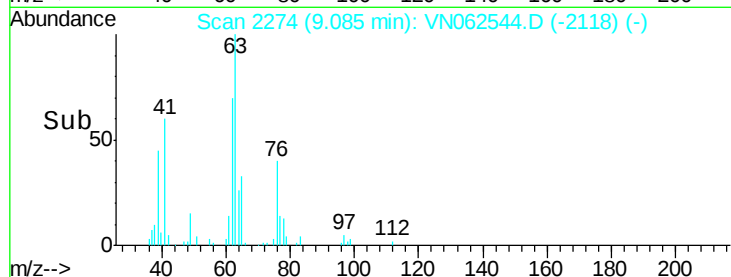
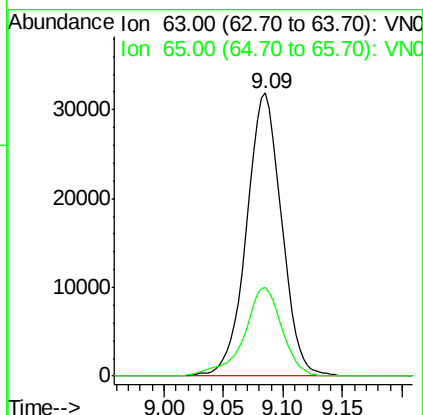
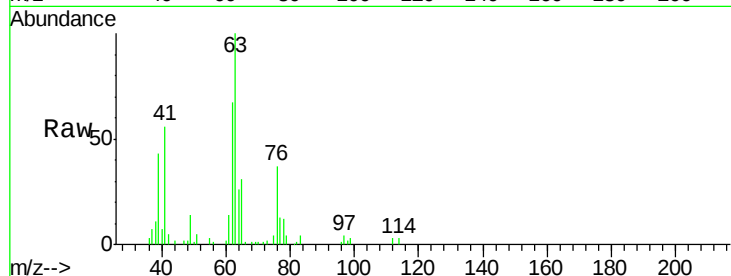
VN0716WBS01

Tot Ion: 63 Resp: 65284

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#40

Dibromomethane

Concen: 19.787 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

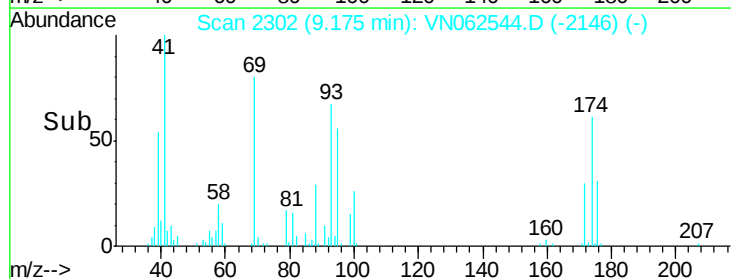
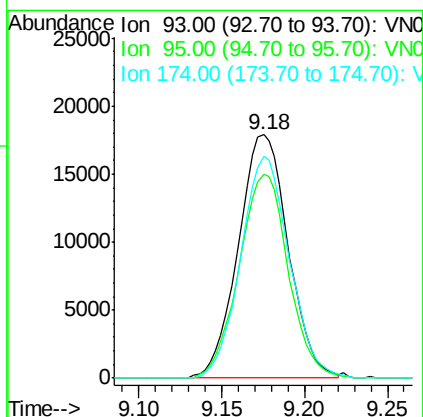
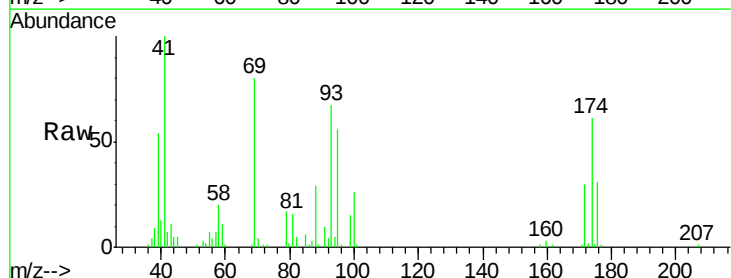
Tgt Ion: 93 Resp: 37418

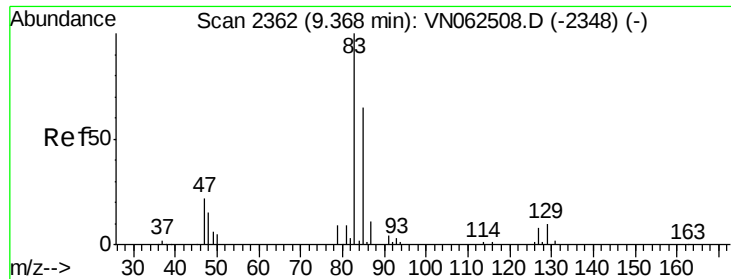
Ion Ratio Lower Upper

93 100

95 82.7 0.0 161.2

174 89.0 0.0 178.0





#41

Bromodichloromethane

Concen: 19.848 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

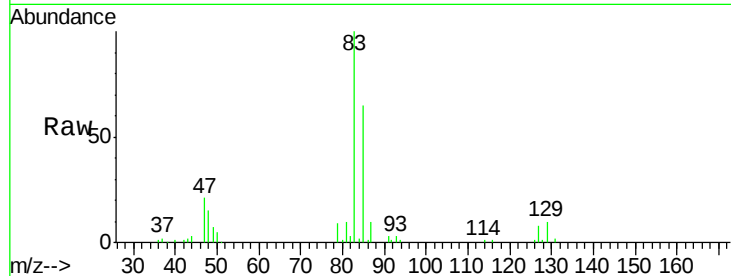
Tot Ion: 83 Resp: 79611

Ion Ratio Lower Upper

83 100

85 64.6 51.6 77.4

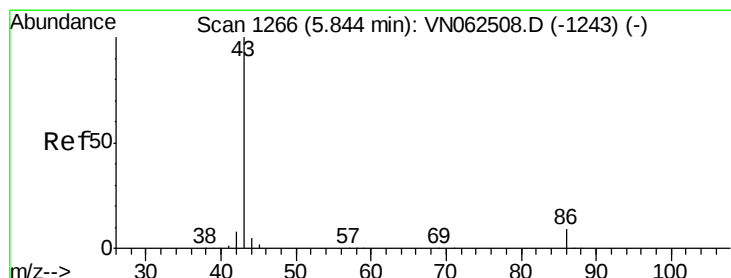
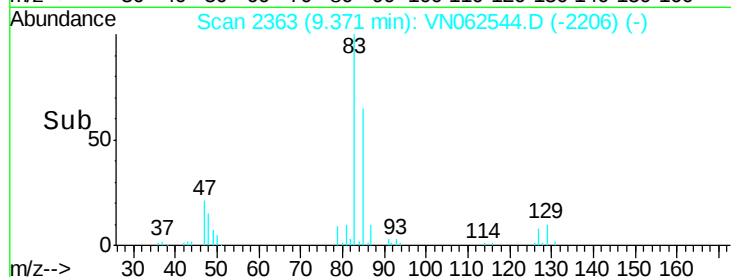
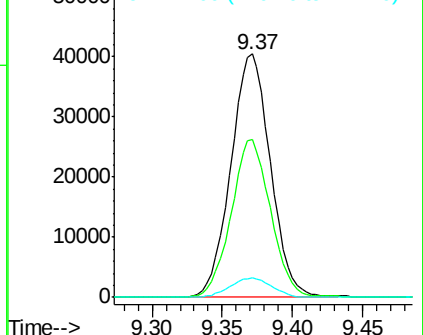
127 7.8 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VN062508.D (-2348) (-)

Ion 85.00 (84.70 to 85.70): VN062508.D (-2348) (-)

Ion 127.00 (126.70 to 127.70): VN062508.D (-2348) (-)



#42

Vinyl Acetate

Concen: 97.549 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062544.D

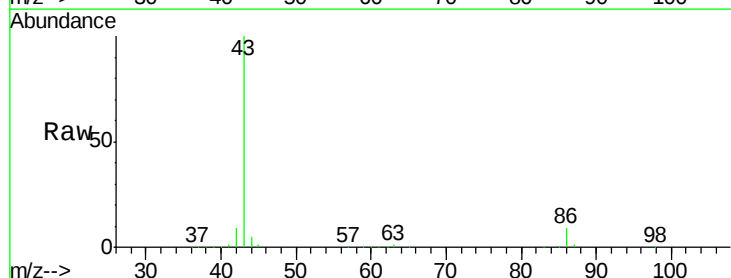
Acq: 16 Jul 2020 13:46

Tgt Ion: 43 Resp: 833447

Ion Ratio Lower Upper

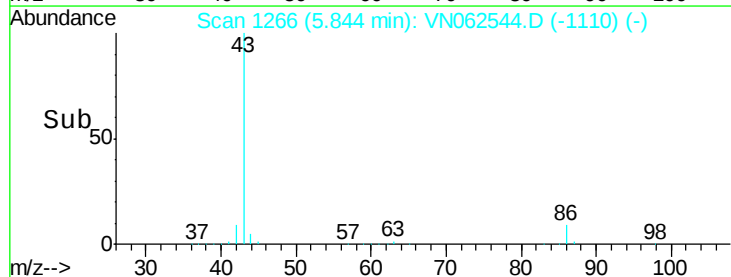
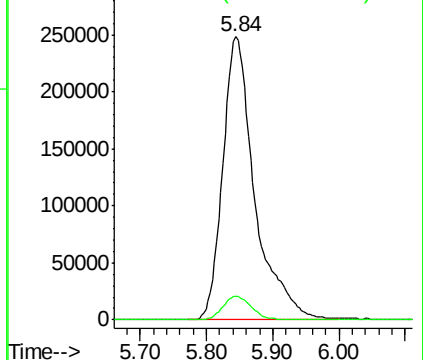
43 100

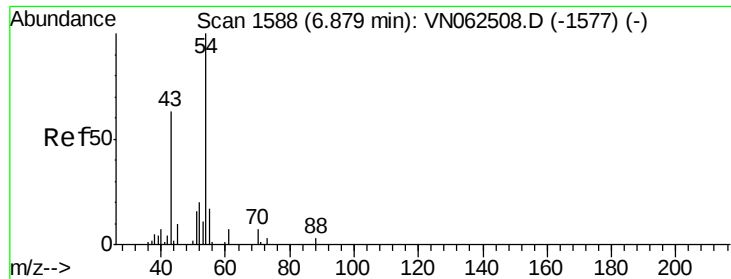
86 7.5 6.1 9.1



Abundance Ion 43.00 (42.70 to 43.70): VN062508.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062508.D (-1243) (-)

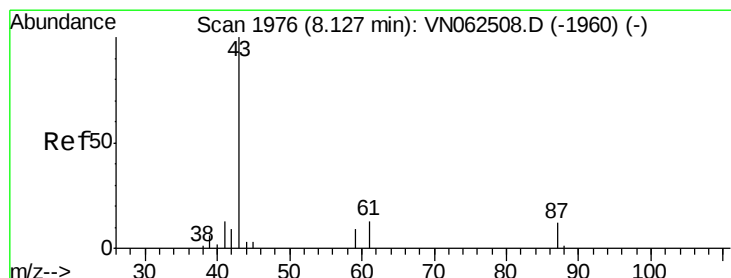
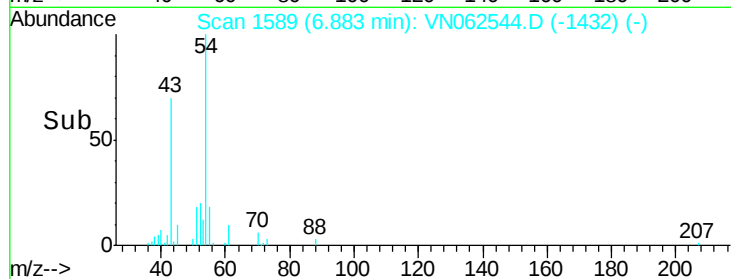
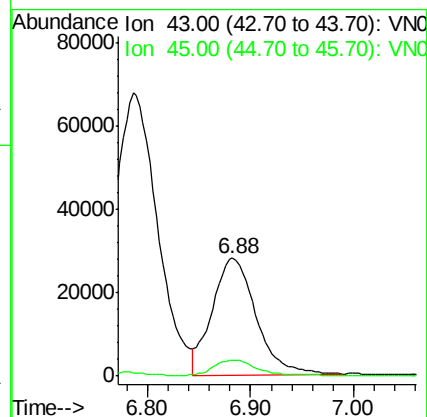
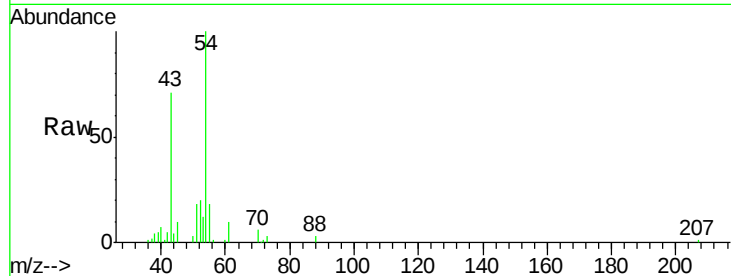




#43
Ethyl Acetate
Concen: 20.242 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

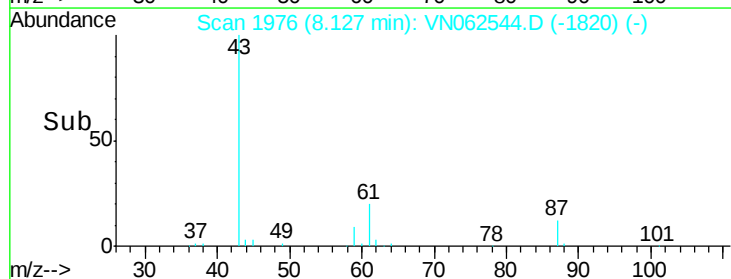
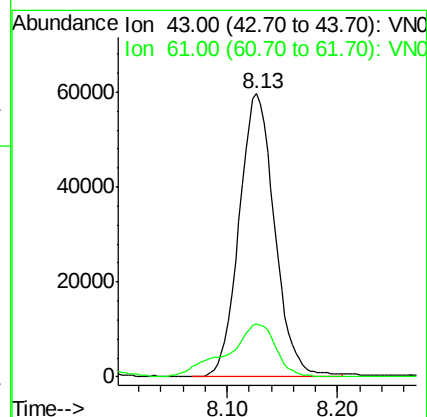
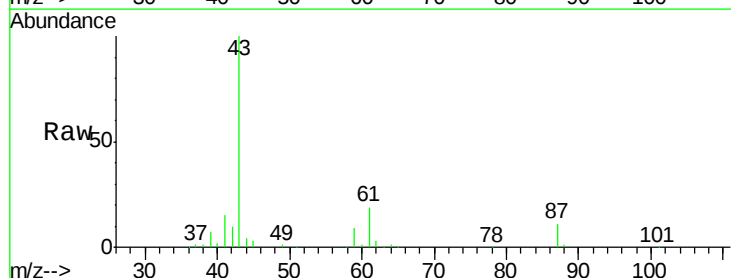
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

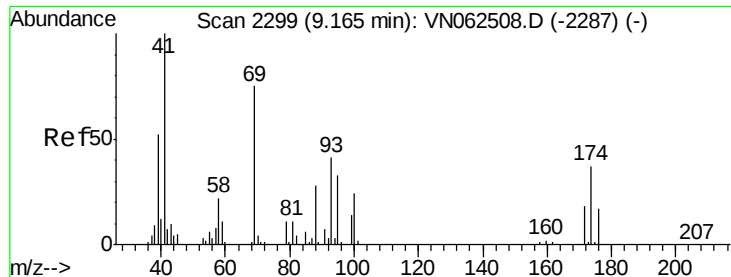
Tot Ion: 43 Resp: 83671
Ion Ratio Lower Upper
43 100
45 13.7 10.2 15.4



#44
Isopropyl Acetate
Concen: 19.185 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 43 Resp: 133058
Ion Ratio Lower Upper
43 100
61 25.8 14.7 22.1#

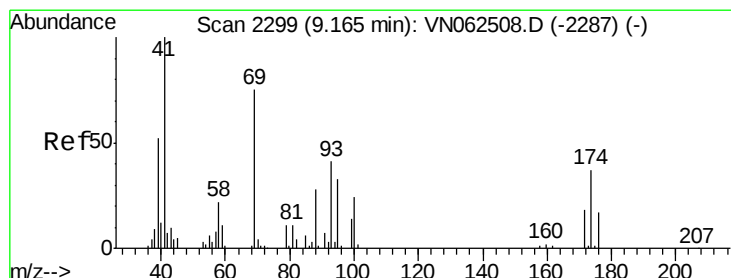
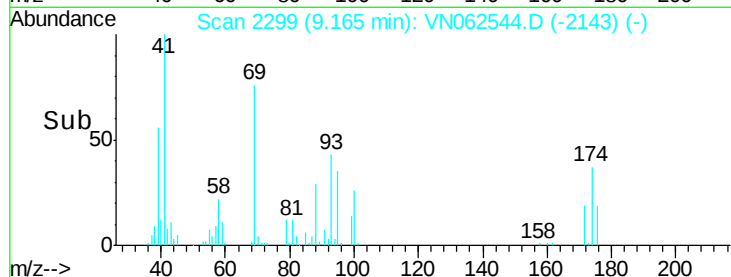
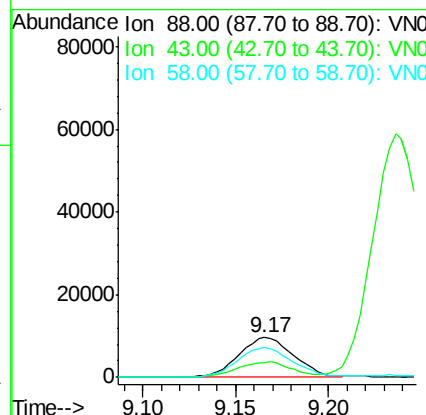
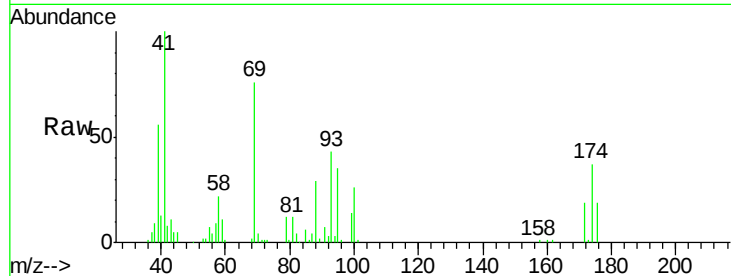




#45
 1,4-Dioxane
 Concen: 420.781 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

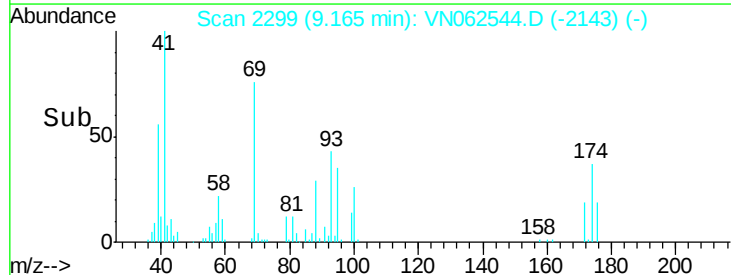
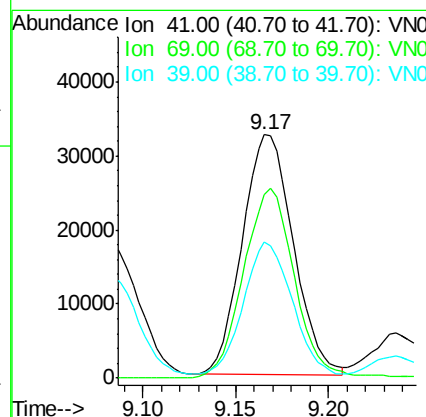
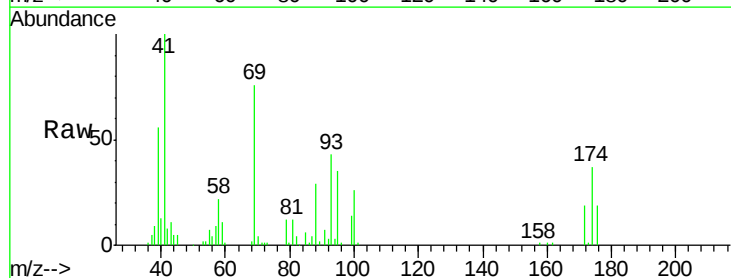
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

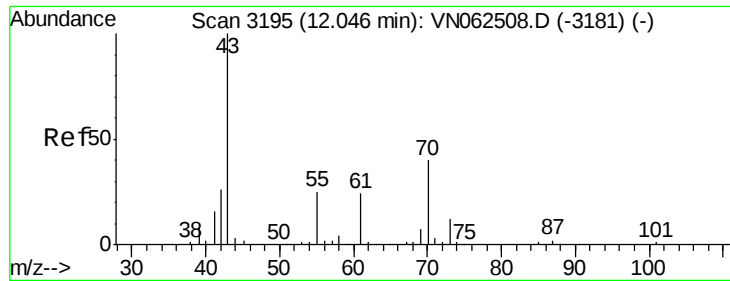
Tot Ion: 88 Resp: 19963
 Ion Ratio Lower Upper
 88 100
 43 37.9 29.2 43.8
 58 76.3 62.2 93.4



#46
 Methyl methacrylate
 Concen: 18.748 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion: 41 Resp: 61685
 Ion Ratio Lower Upper
 41 100
 69 76.8 37.4 112.2
 39 55.6 25.9 77.6





#47

n-amyl Acetate

Concen: 18.433 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

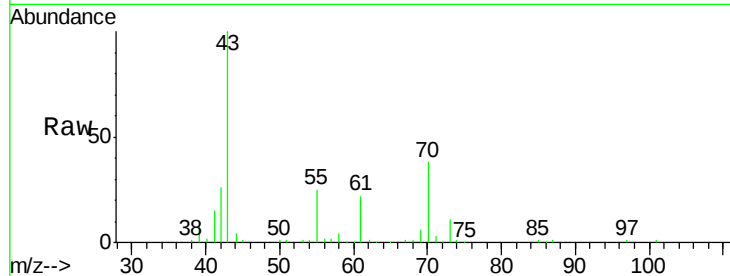
VN0716WBS01

Tot Ion: 43 Resp: 107761

Ion Ratio Lower Upper

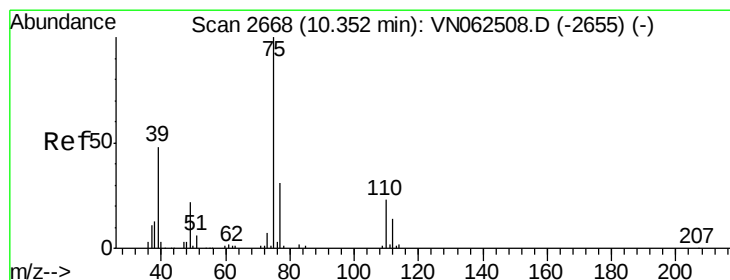
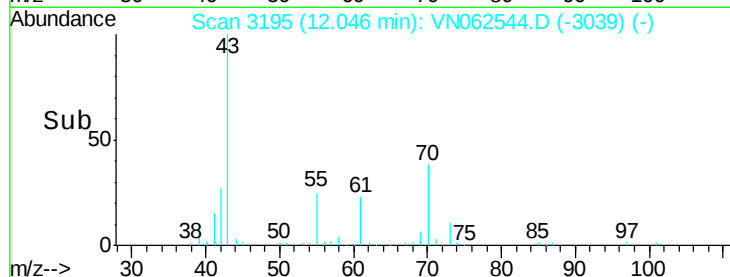
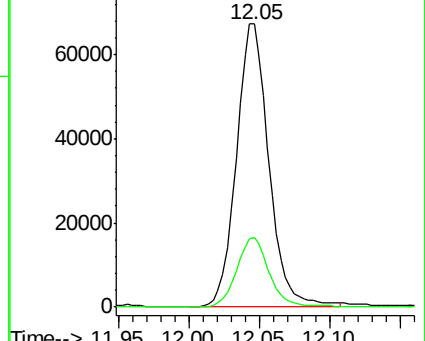
43 100

55 24.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.637 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062544.D

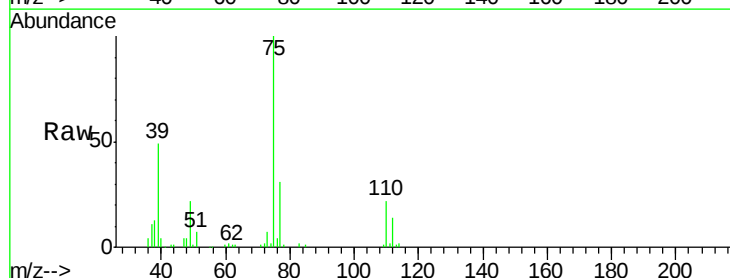
Acq: 16 Jul 2020 13:46

Tgt Ion: 75 Resp: 87192

Ion Ratio Lower Upper

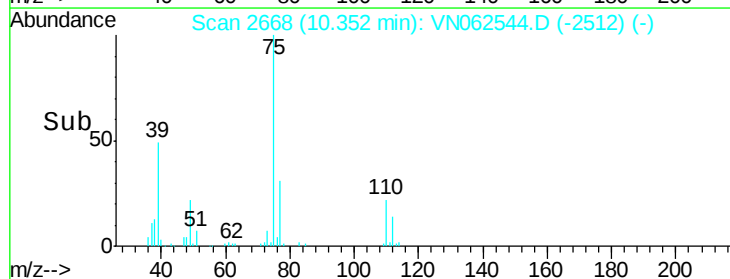
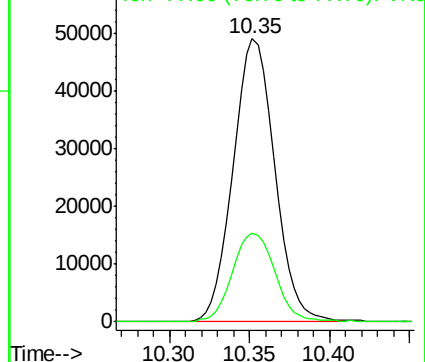
75 100

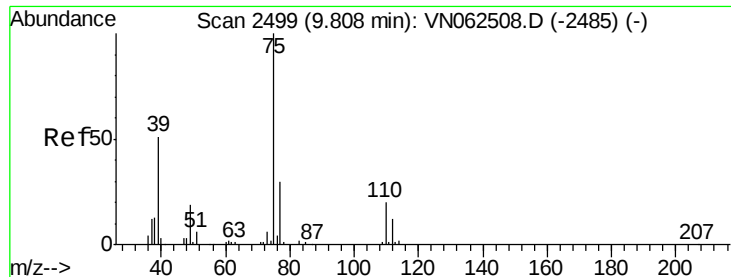
77 31.2 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 19.186 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

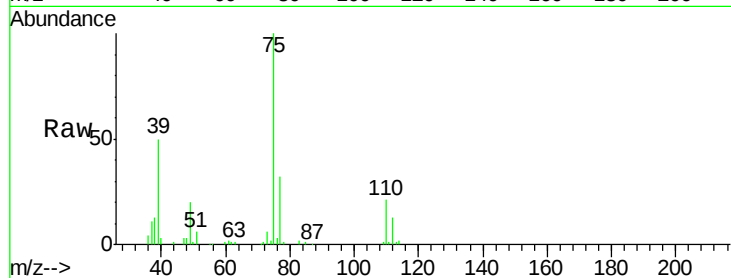
Tot Ion: 75 Resp: 96894

Ion Ratio Lower Upper

75 100

77 31.9 23.7 35.5

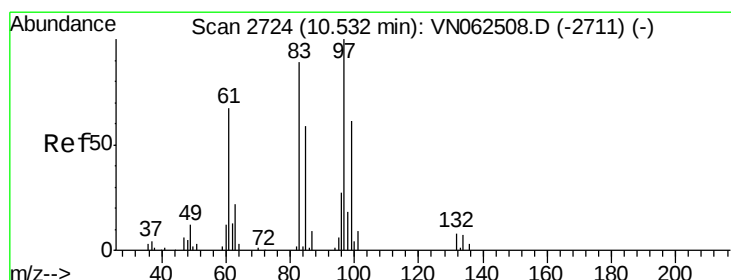
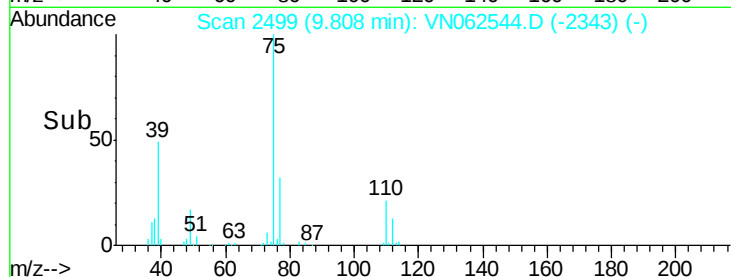
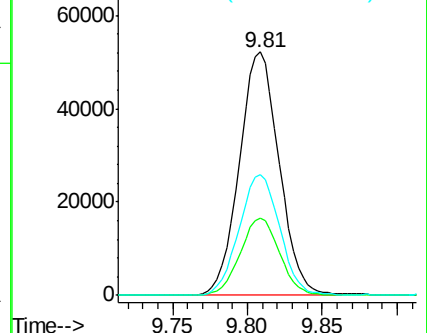
39 49.6 40.5 60.7



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 19.455 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Tgt Ion: 97 Resp: 51569

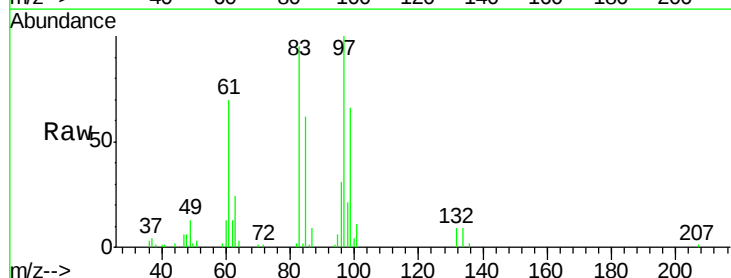
Ion Ratio Lower Upper

97 100

83 94.9 71.3 106.9

85 61.6 47.2 70.8

99 66.1 48.4 72.6

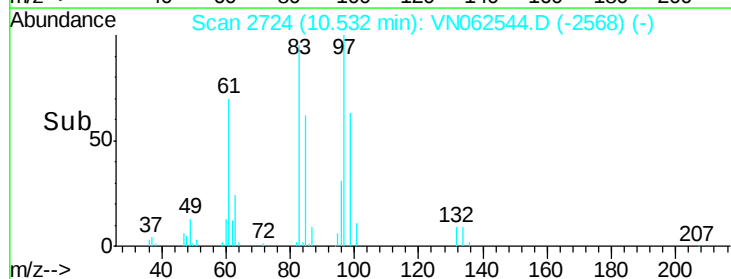
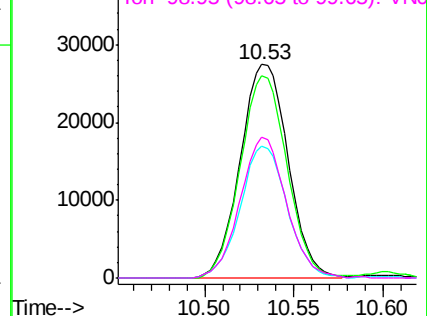


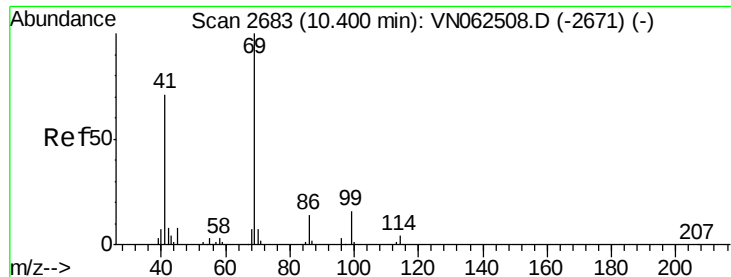
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.595 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

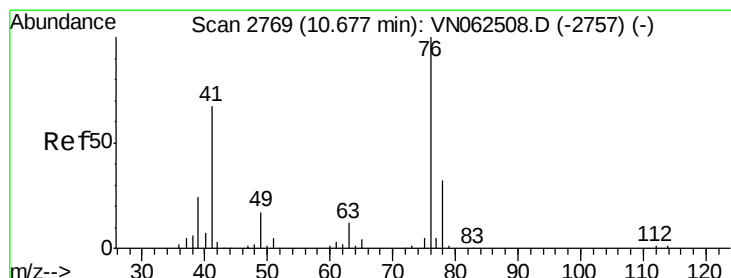
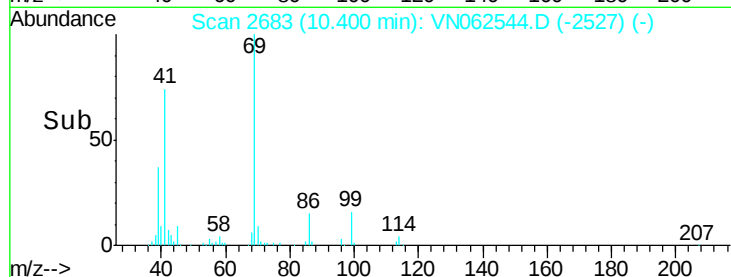
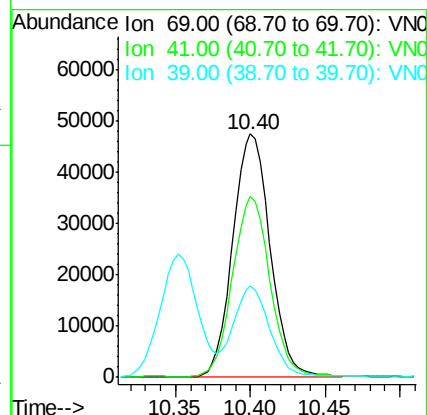
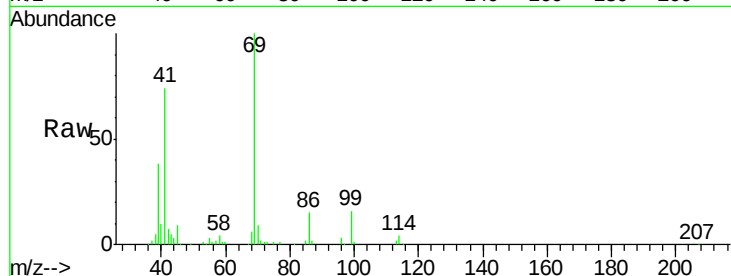
Tot Ion: 69 Resp: 82986

Ion Ratio Lower Upper

69 100

41 74.0 35.6 106.8

39 37.0 17.2 51.5



#52

1,3-Dichloropropane

Concen: 19.692 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN062544.D

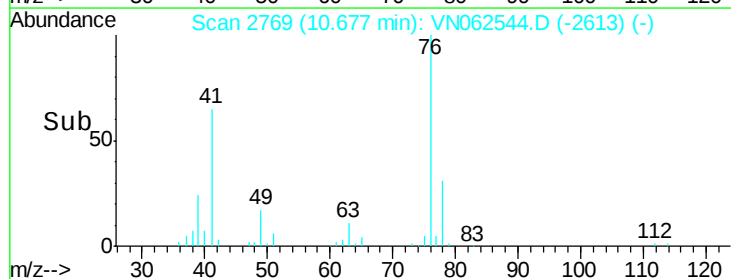
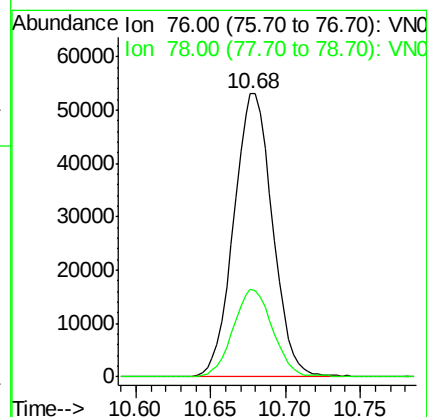
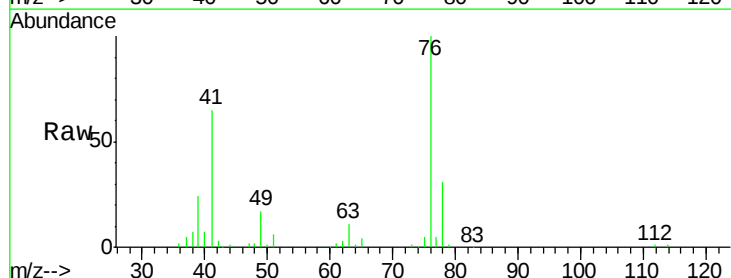
Acq: 16 Jul 2020 13:46

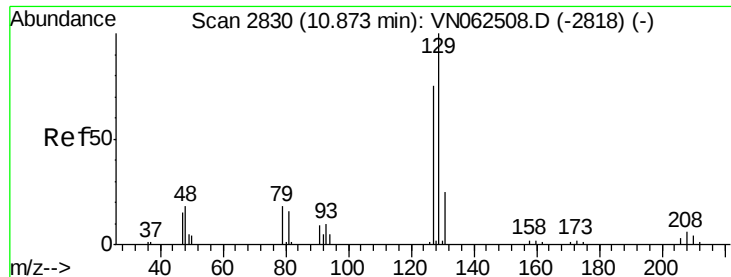
Tgt Ion: 76 Resp: 95802

Ion Ratio Lower Upper

76 100

78 31.3 0.0 63.6

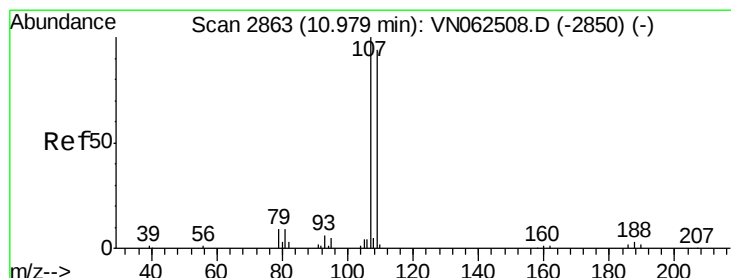
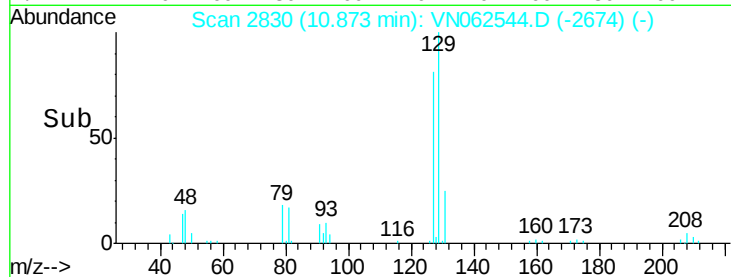
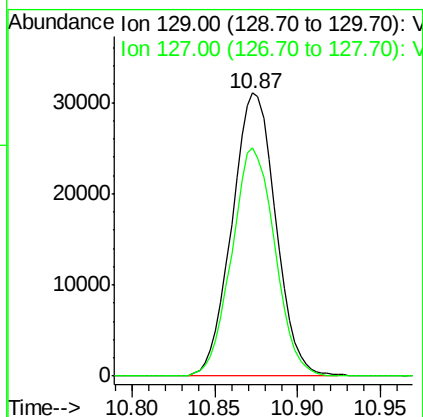
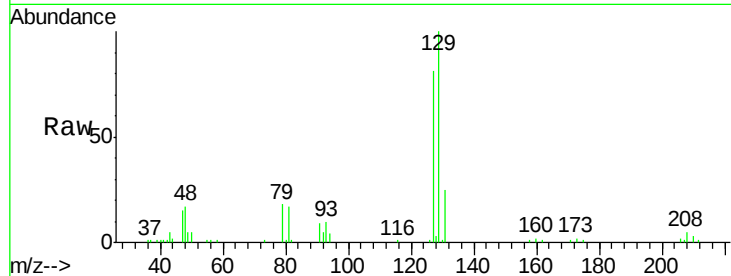




#53
 Dibromochloromethane
 Concen: 19.803 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

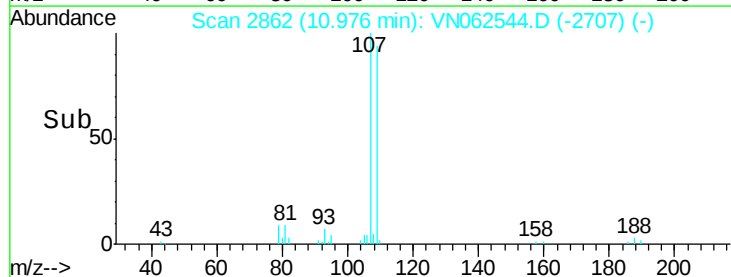
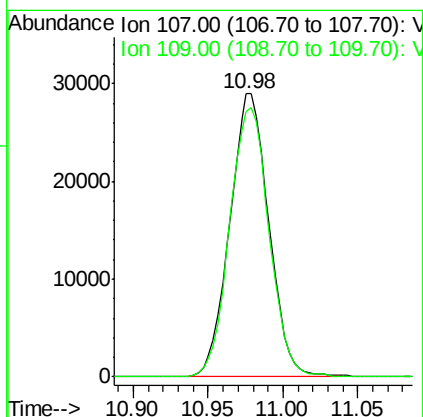
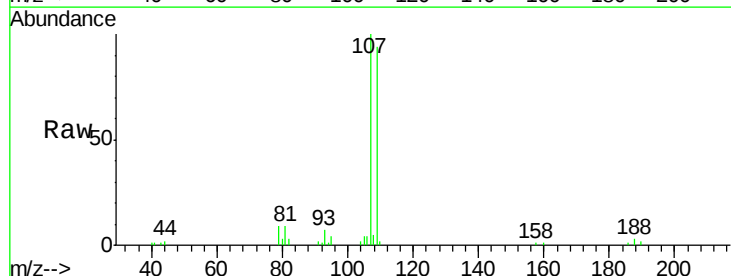
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

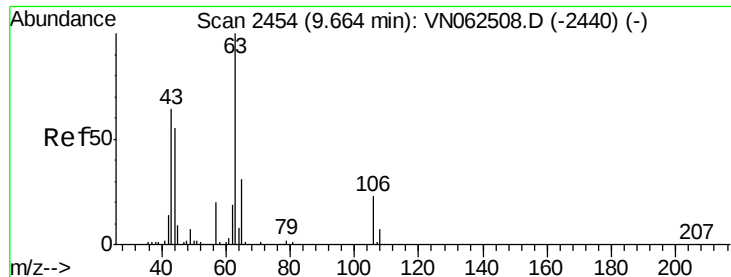
Tot Ion:129 Resp: 57191
 Ion Ratio Lower Upper
 129 100
 127 79.2 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 19.368 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion:107 Resp: 52549
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.8 112.2

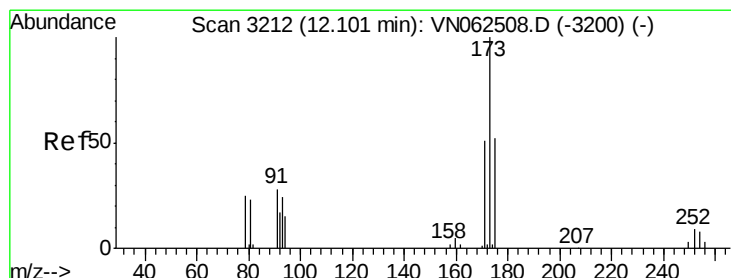
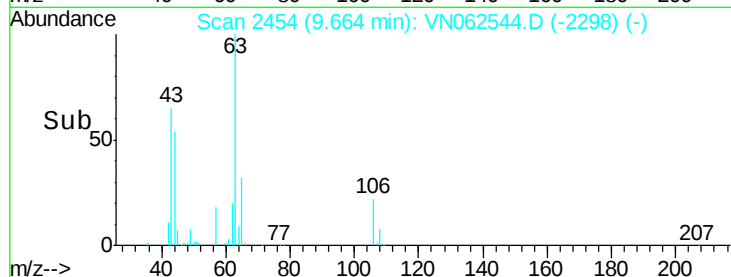
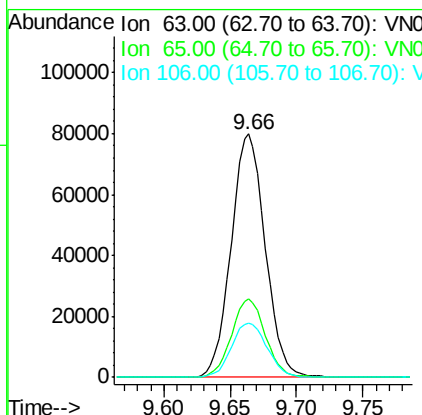
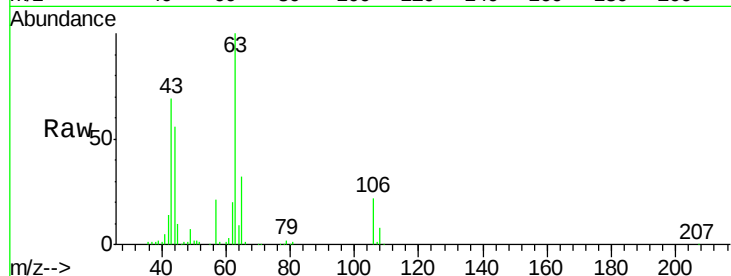




#55
2-Chloroethyl vinyl ether
Concen: 100.185 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

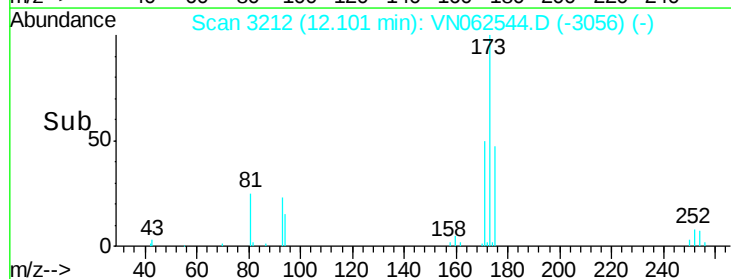
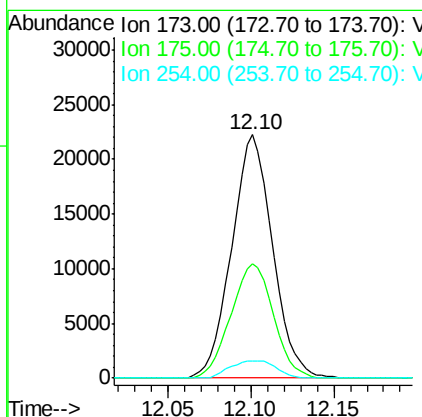
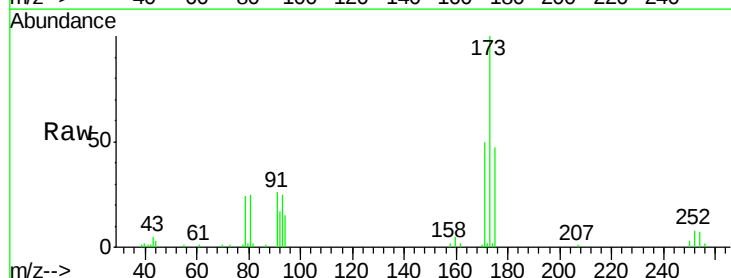
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

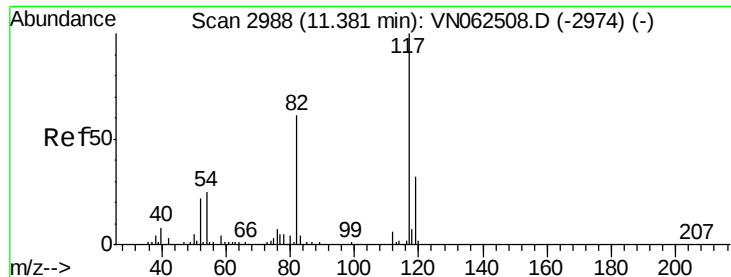
Tot Ion: 63 Resp: 142807
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2
106 23.3 18.4 27.6



#56
Bromoform
Concen: 19.390 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 173 Resp: 38249
Ion Ratio Lower Upper
173 100
175 48.6 38.1 57.1
254 7.9 6.2 9.2

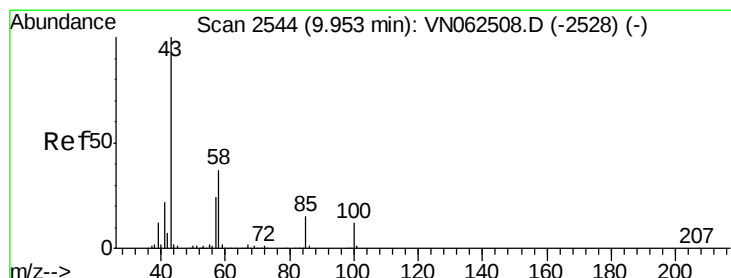
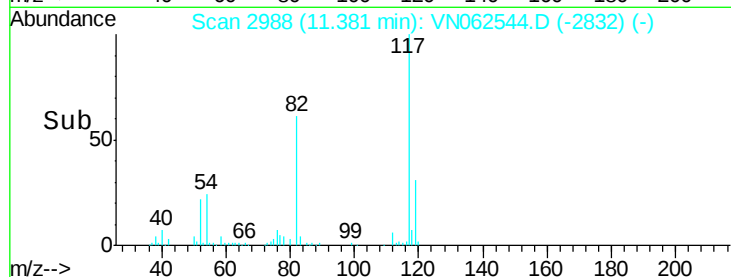
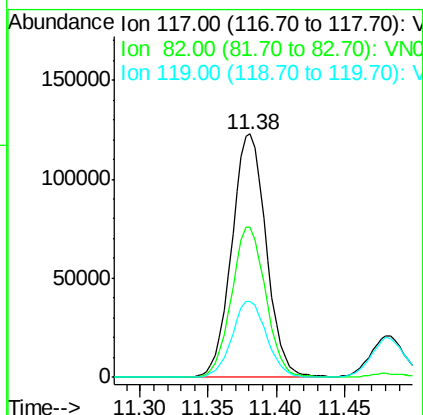
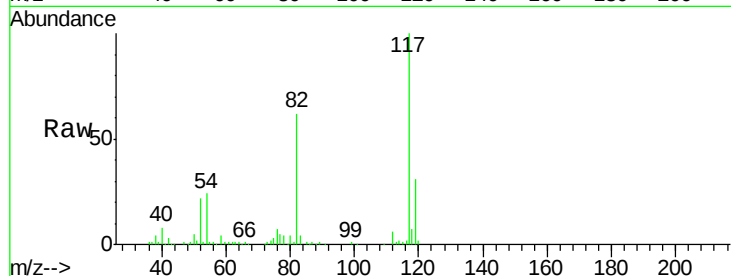




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

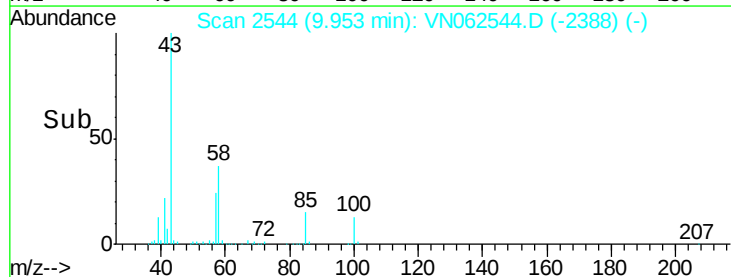
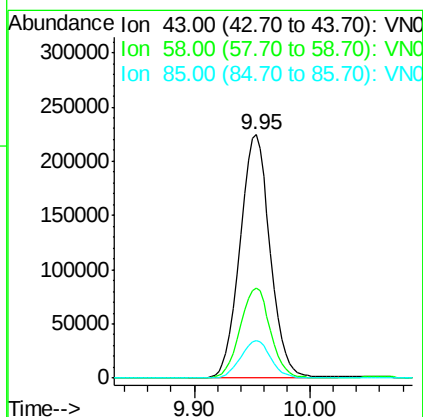
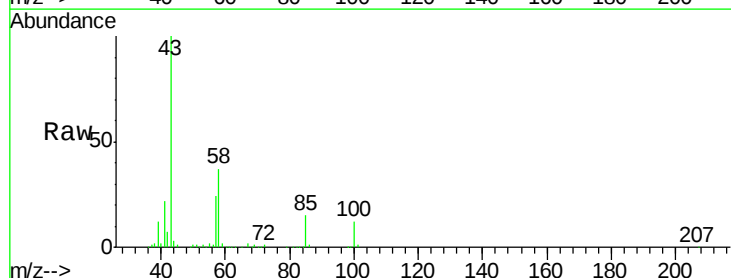
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

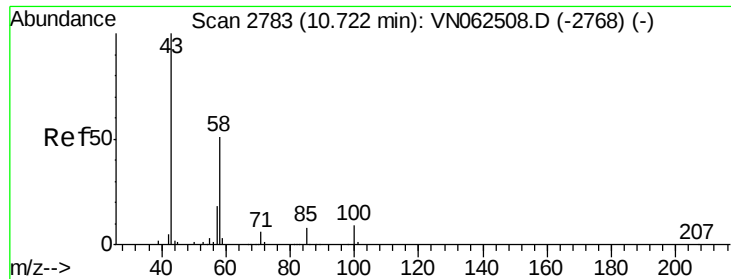
Tot Ion:117 Resp: 215753
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 31.4 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 96.576 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 43 Resp: 405965
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4
85 15.5 12.0 18.0

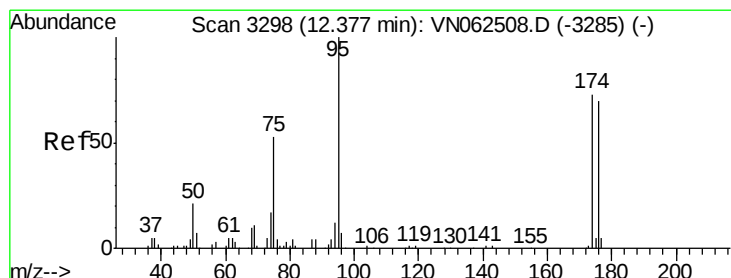
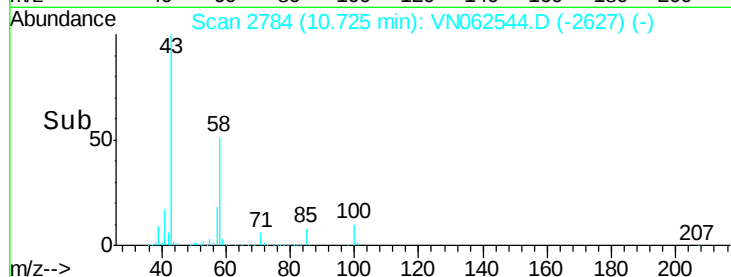
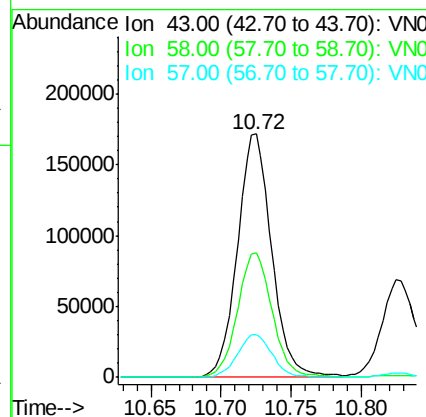
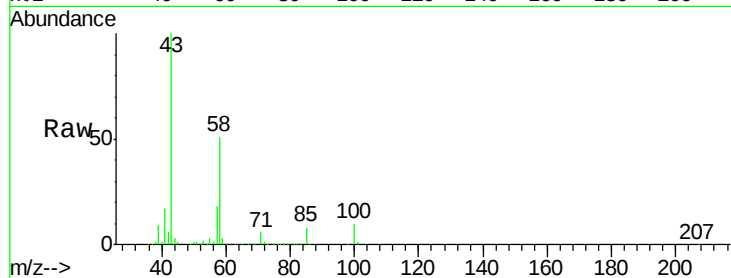




#59
2-Hexanone
Concen: 94.425 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

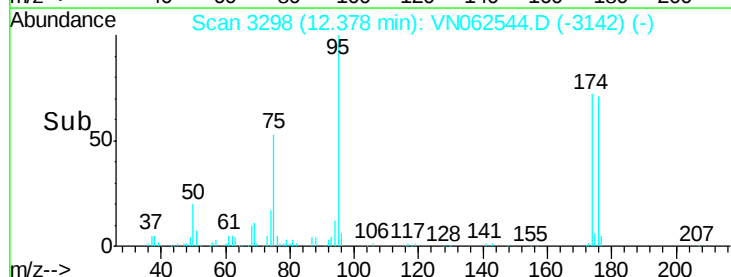
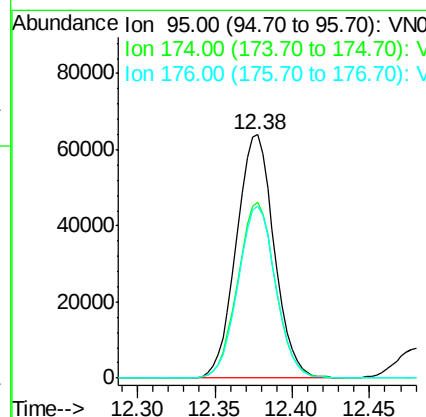
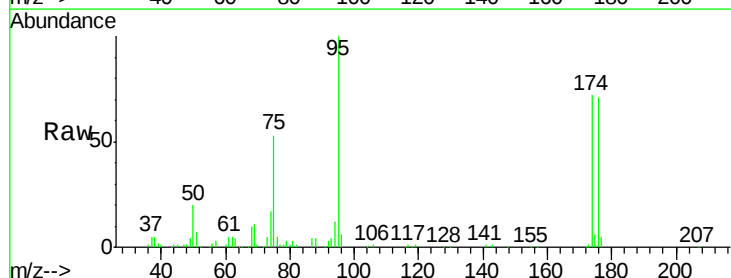
Instrument :
MSVOA_N
ClientSampled :
VN0716WBS01

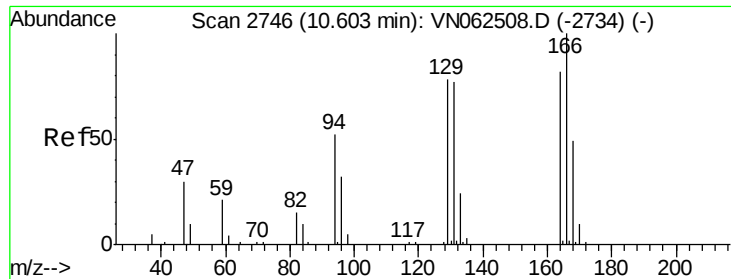
Tot Ion: 43 Resp: 291103
Ion Ratio Lower Upper
43 100
58 51.9 41.2 61.8
57 18.1 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.621 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 95 Resp: 108758
Ion Ratio Lower Upper
95 100
174 71.8 57.5 86.3
176 70.2 56.3 84.5

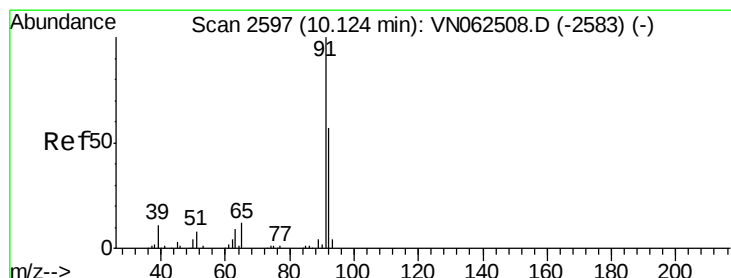
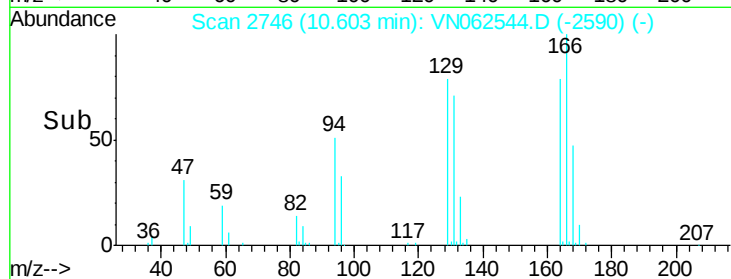
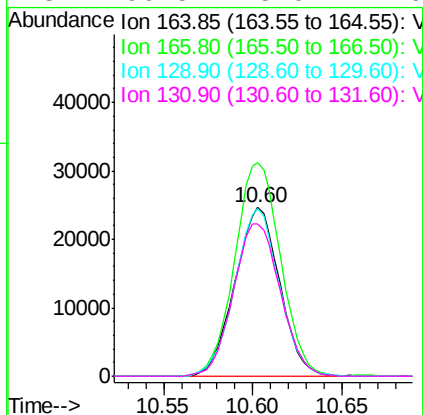
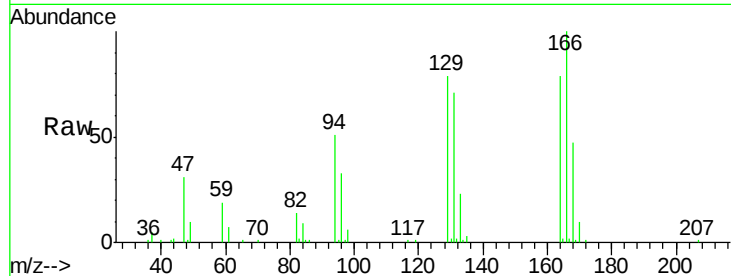




#61
Tetrachloroethene
Concen: 19.589 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

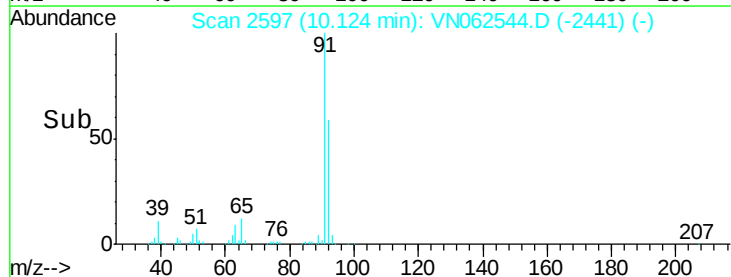
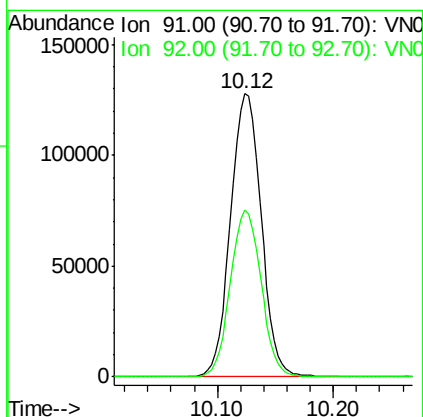
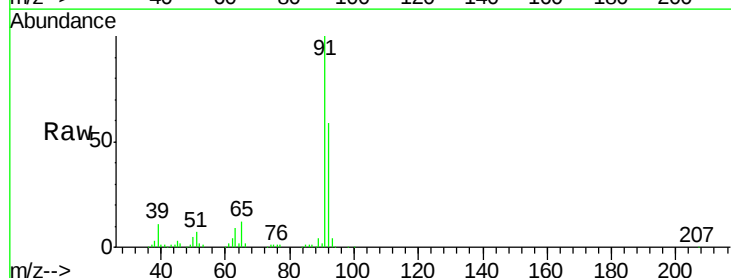
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

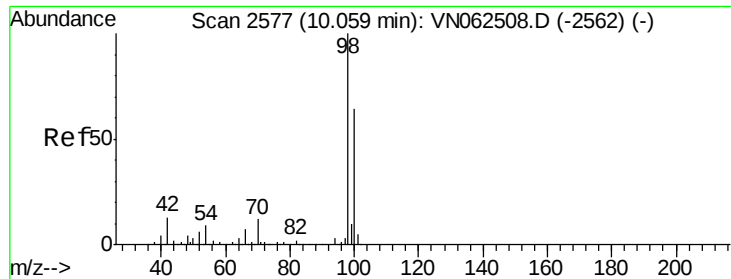
Tot Ion:164 Resp: 43281
Ion Ratio Lower Upper
164 100
166 126.5 97.7 146.5
129 99.6 77.0 115.4
131 90.5 75.0 112.6



#62
Toluene
Concen: 19.193 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 91 Resp: 234920
Ion Ratio Lower Upper
91 100
92 59.0 45.8 68.6





#63

Toluene-d8

Concen: 30.319 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

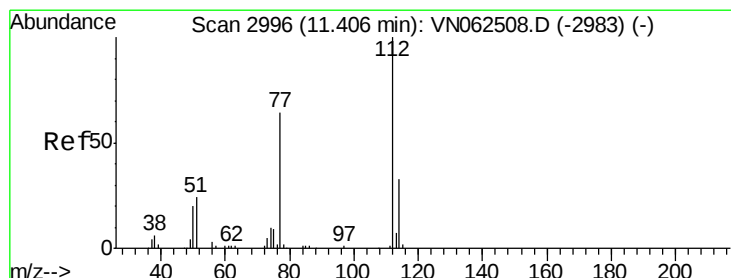
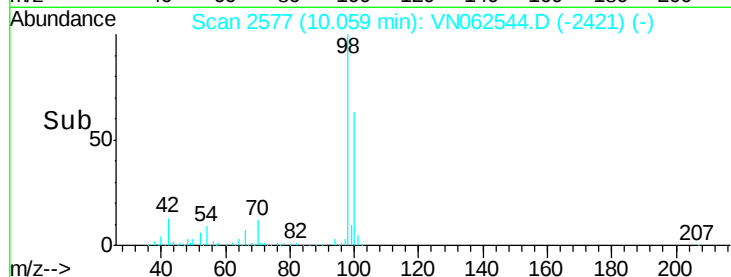
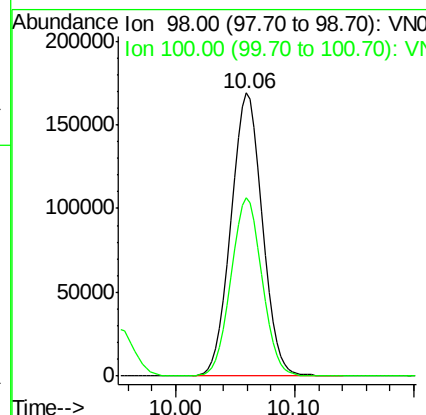
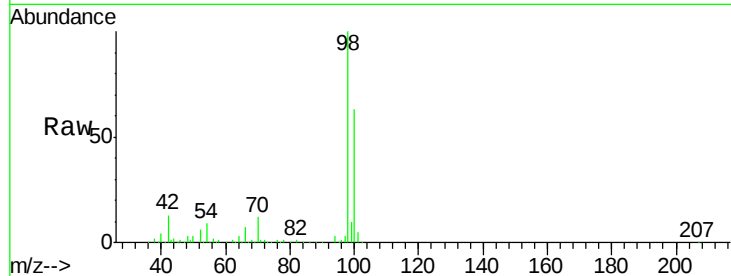
VN0716WBS01

Tot Ion: 98 Resp: 309095

Ion Ratio Lower Upper

98 100

100 62.1 50.4 75.6



#64

Chlorobenzene

Concen: 19.064 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062544.D

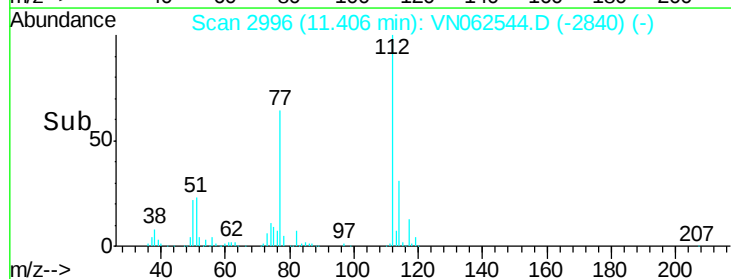
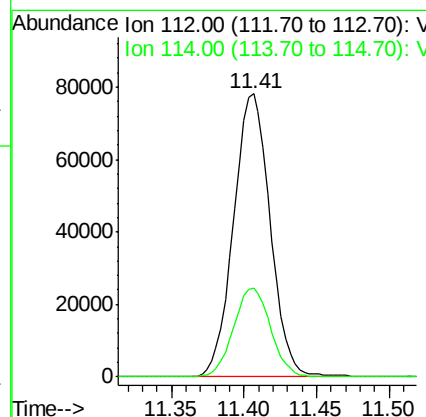
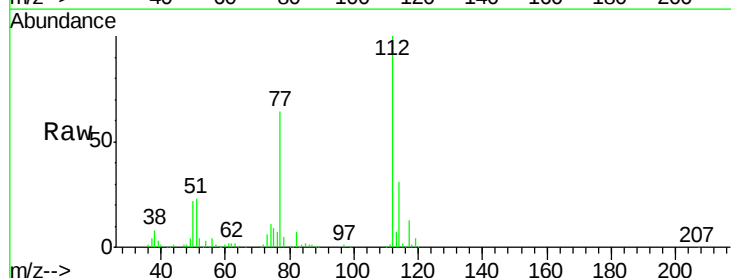
Acq: 16 Jul 2020 13:46

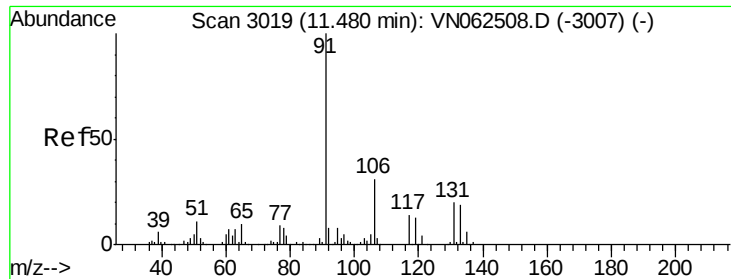
Tgt Ion: 112 Resp: 137112

Ion Ratio Lower Upper

112 100

114 31.4 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 19.510 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

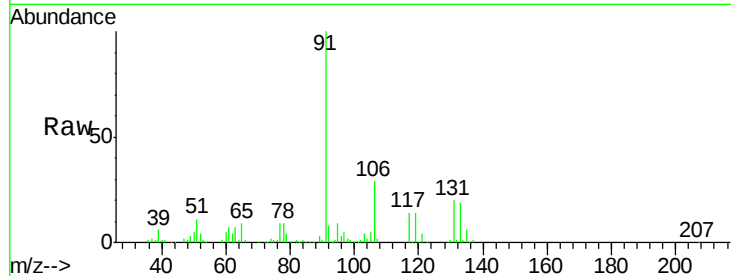
Tot Ion:131 Resp: 51941

Ion Ratio Lower Upper

131 100

133 94.7 0.0 191.4

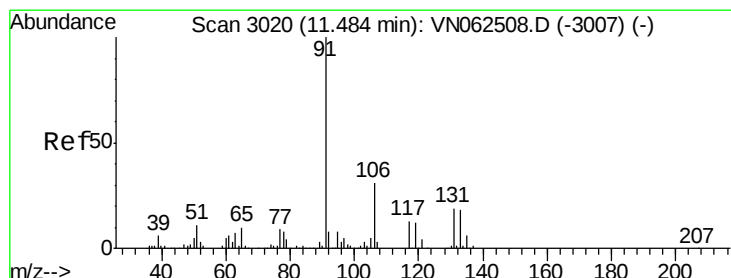
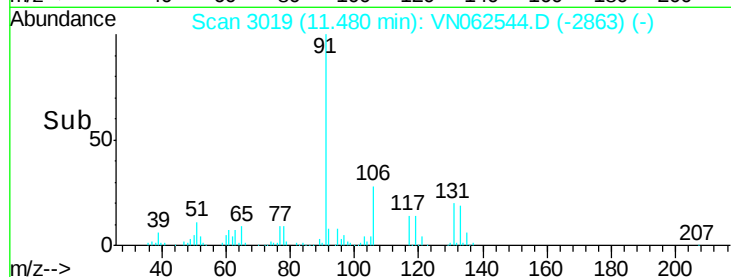
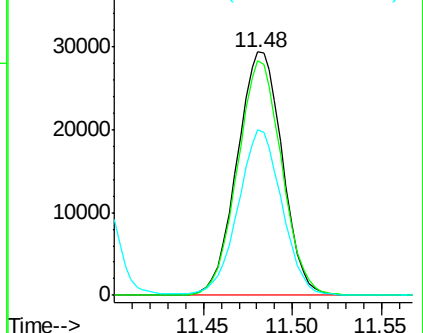
119 66.1 0.0 136.2



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: 18.822 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062544.D

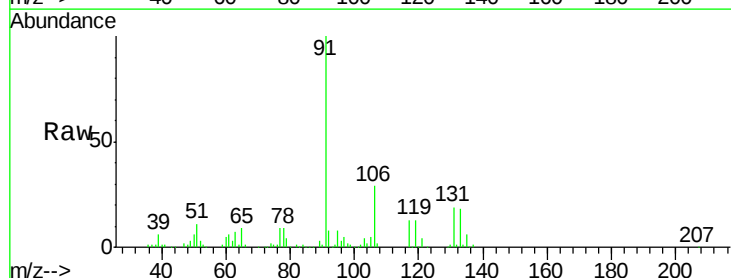
Acq: 16 Jul 2020 13:46

Tgt Ion: 91 Resp: 255108

Ion Ratio Lower Upper

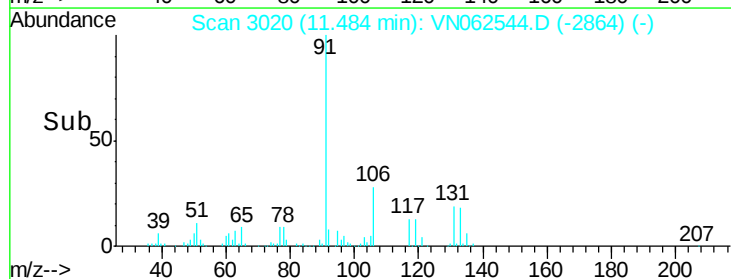
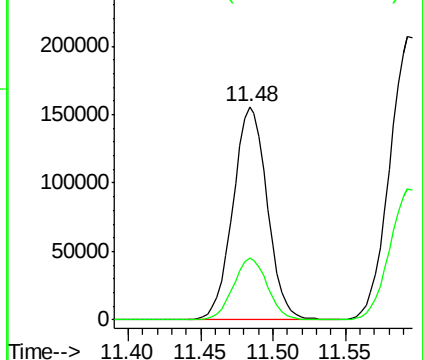
91 100

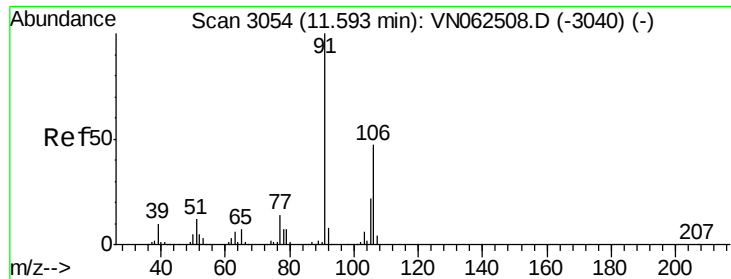
106 29.0 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

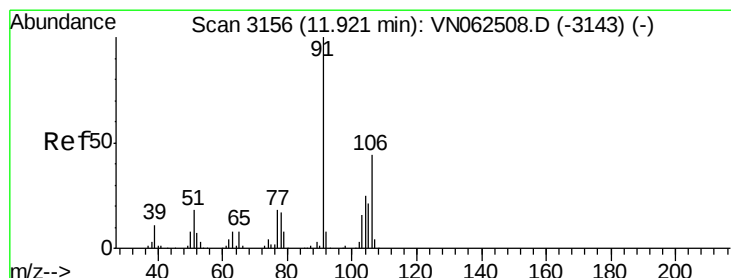
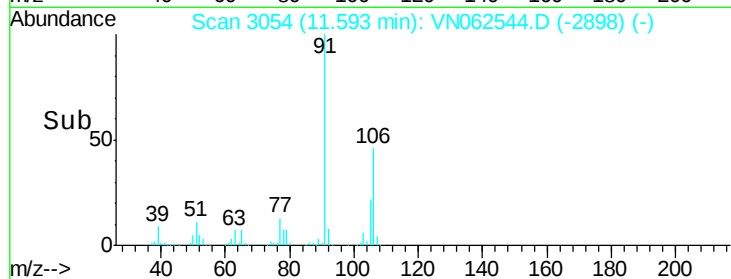
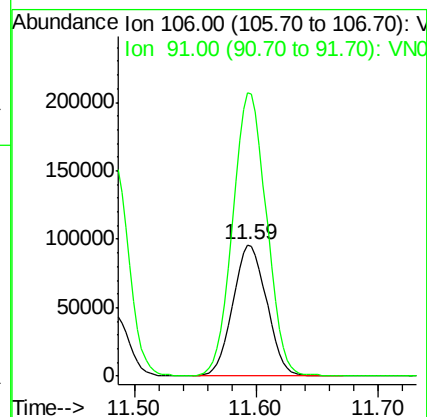
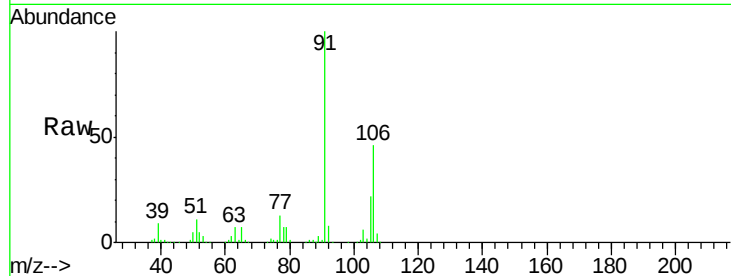




#67
m/p-Xylenes
Concen: 37.622 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

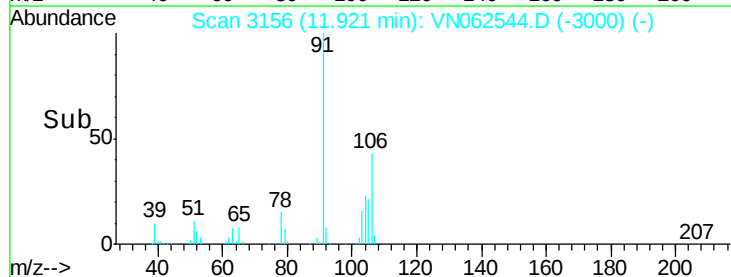
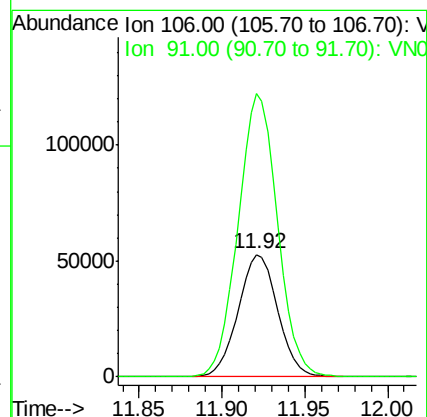
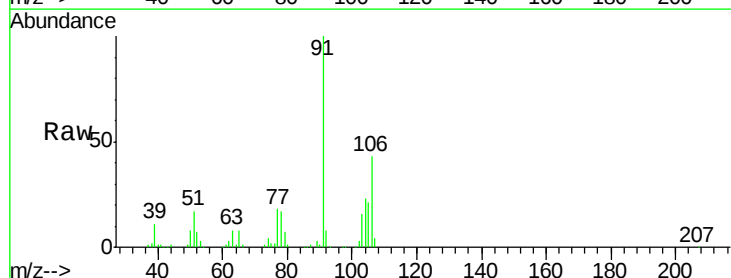
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

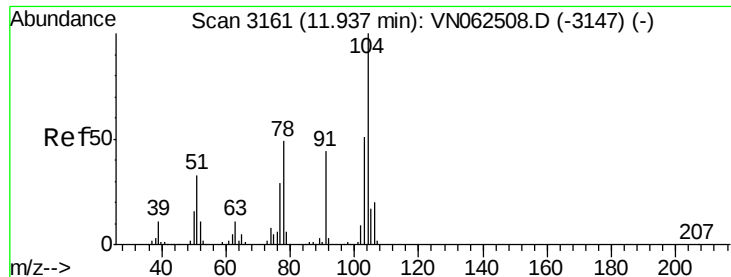
Tot Ion:106 Resp: 185085
Ion Ratio Lower Upper
106 100
91 215.4 170.7 256.1



#68
o-Xylene
Concen: 18.490 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion:106 Resp: 87298
Ion Ratio Lower Upper
106 100
91 231.1 113.9 341.6

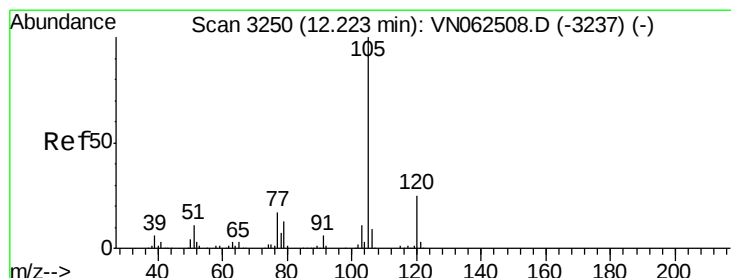
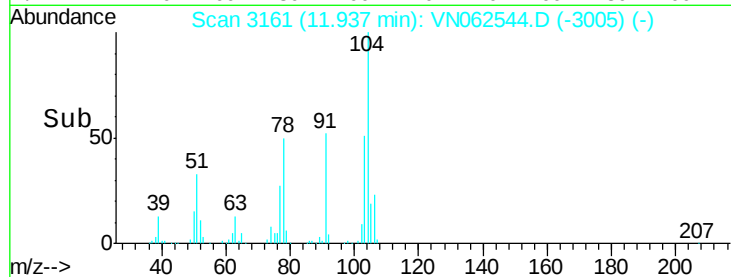
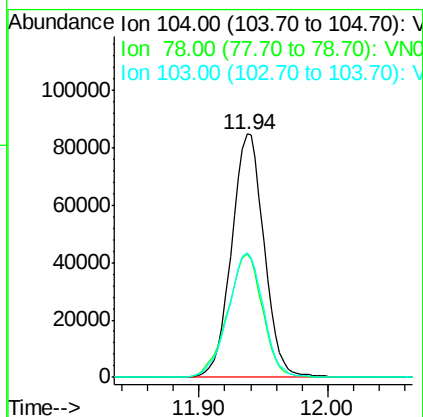
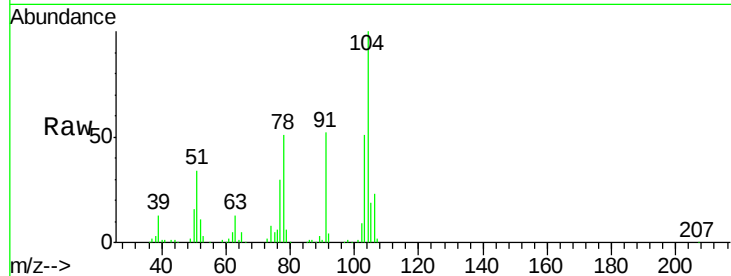




#69
Stvrene
Concen: 18.570 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

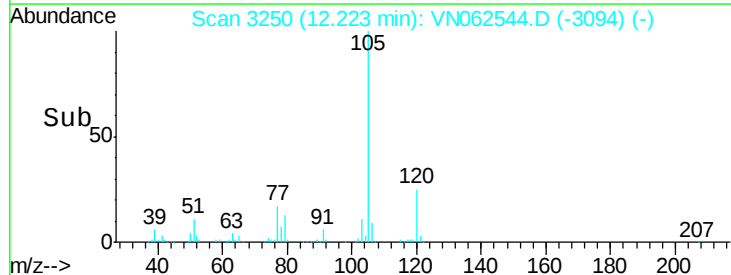
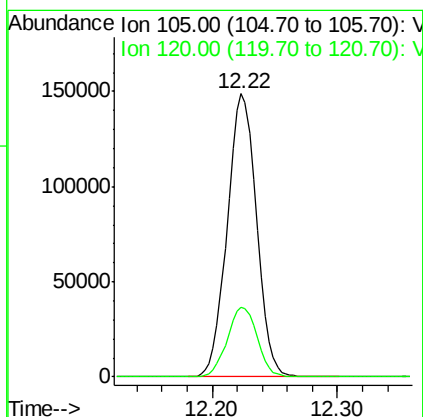
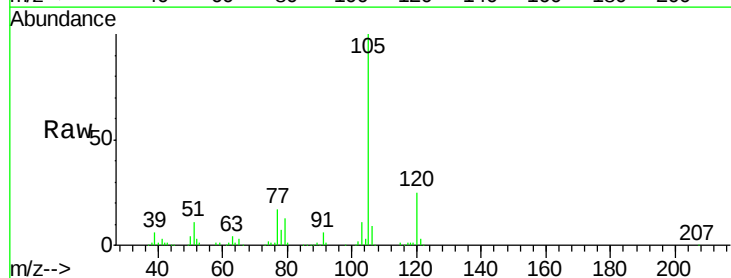
Instrument :
MSVOA_N
ClientSampled :
VN0716WBS01

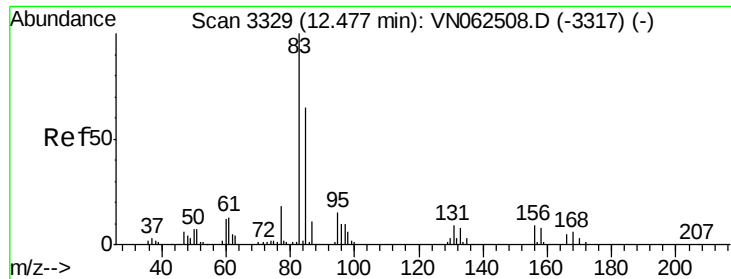
Tot Ion:104 Resp: 148808
Ion Ratio Lower Upper
104 100
78 54.4 43.9 65.9
103 55.1 43.8 65.6



#70
Isopropylbenzene
Concen: 19.015 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion:105 Resp: 240991
Ion Ratio Lower Upper
105 100
120 25.3 17.6 32.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.714 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

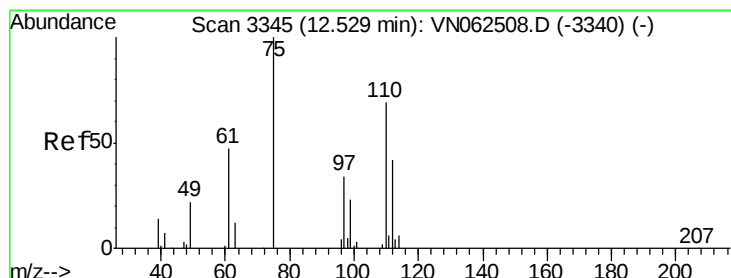
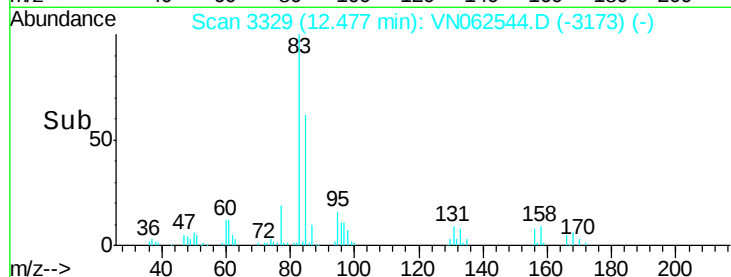
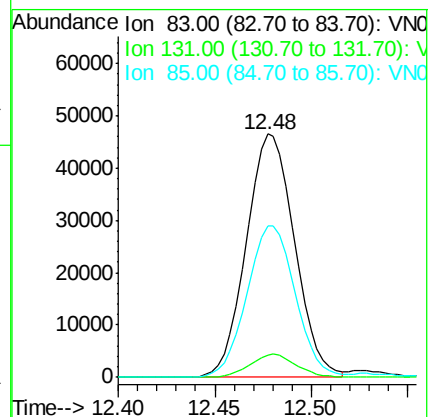
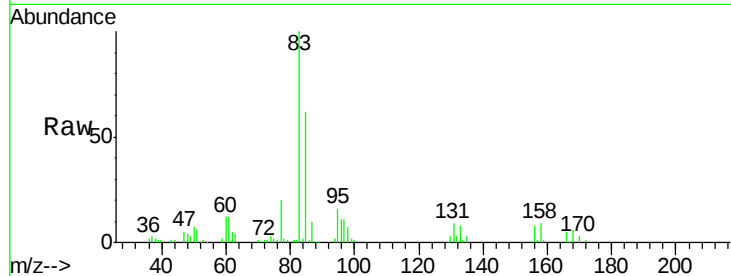
Tot Ion: 83 Resp: 80749

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

85 62.5 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 17.785 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062544.D

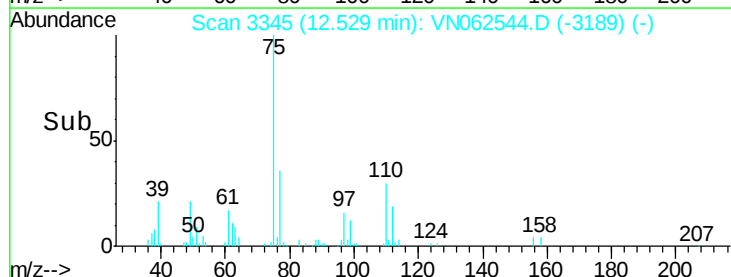
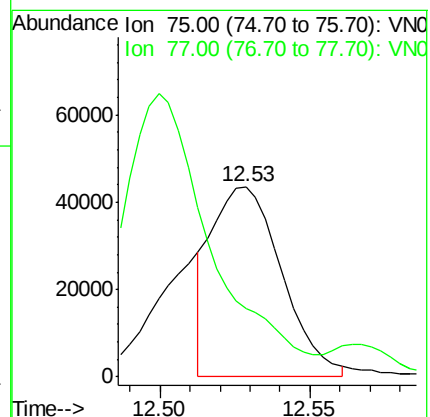
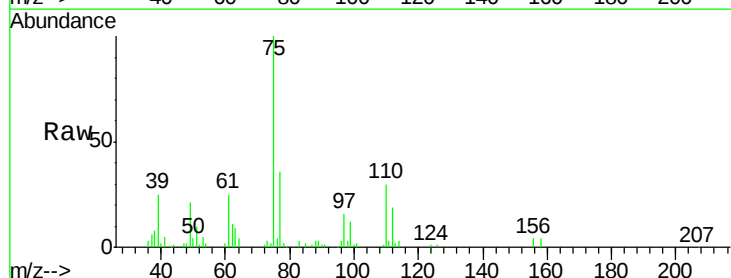
Acq: 16 Jul 2020 13:46

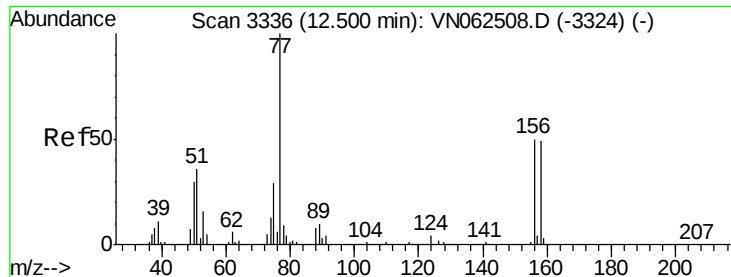
Tgt Ion: 75 Resp: 70863

Ion Ratio Lower Upper

75 100

77 190.5 0.0 376.2

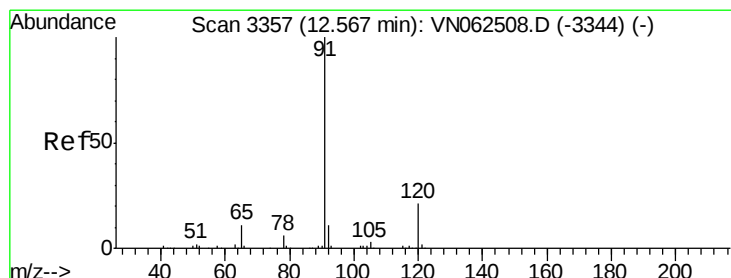
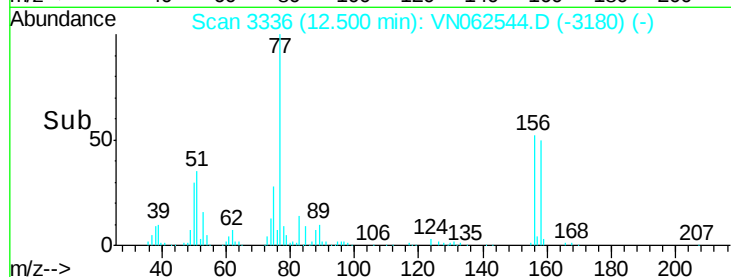
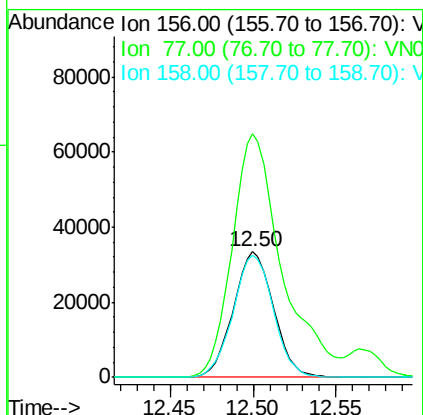
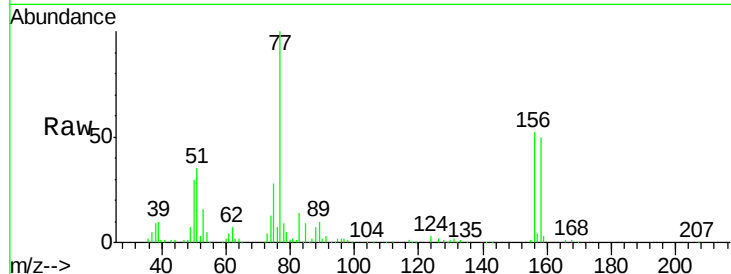




#73
Bromobenzene
Concen: 19.252 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

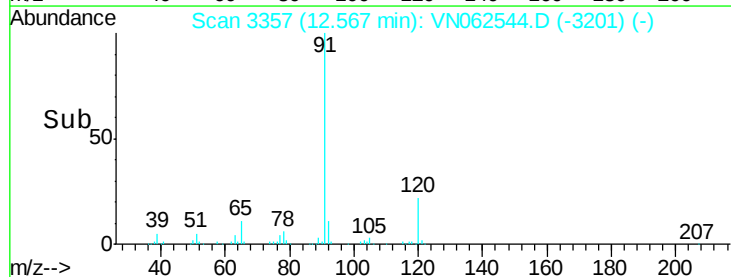
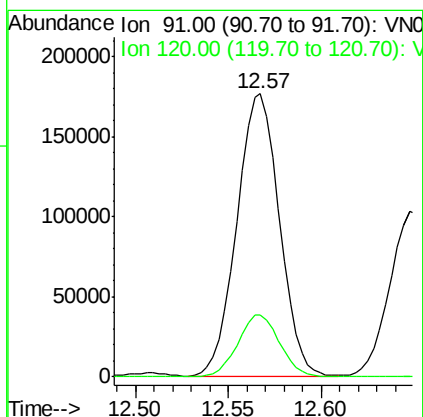
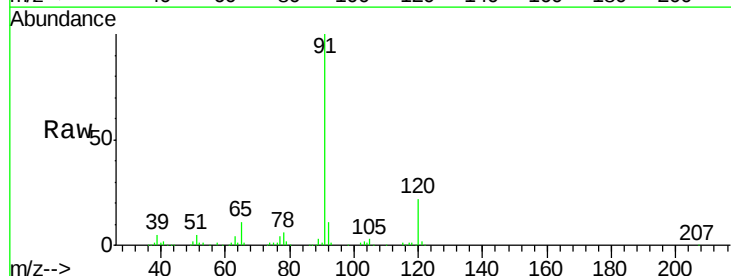
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

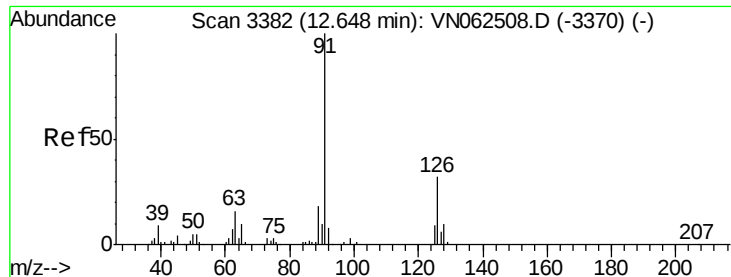
Tot Ion:156 Resp: 56510
Ion Ratio Lower Upper
156 100
77 238.8 0.0 485.0
158 97.2 0.0 192.6



#74
n-propylbenzene
Concen: 18.740 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 91 Resp: 282327
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.8





#75

2-Chlorotoluene

Concen: 18.837 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

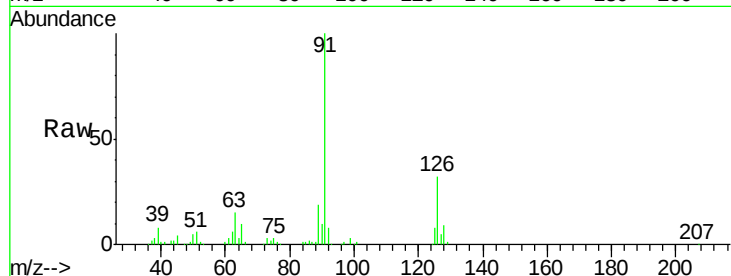
VN0716WBS01

Tot Ion: 91 Resp: 170859

Ion Ratio Lower Upper

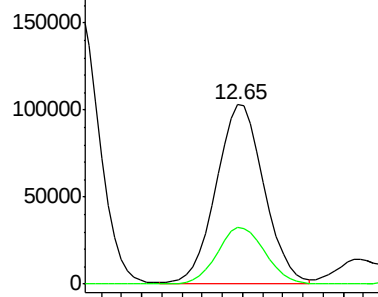
91 100

126 31.8 0.0 62.2

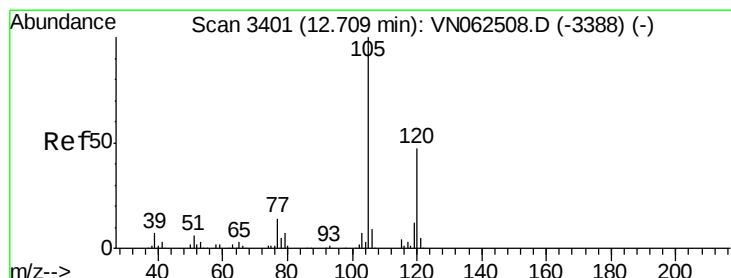
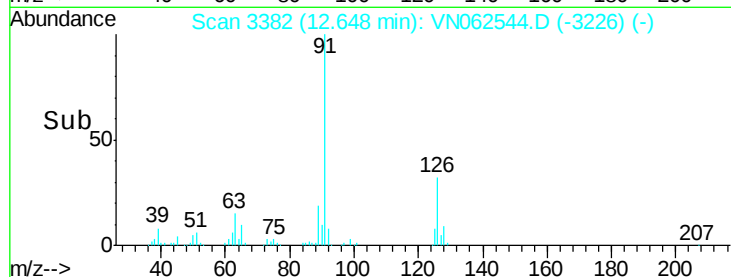


Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN062508.D (-3370) (-)



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.690 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062544.D

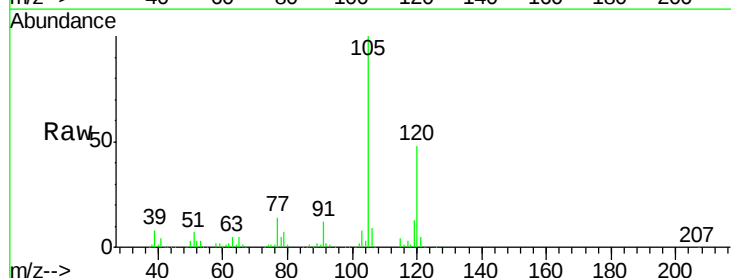
Acq: 16 Jul 2020 13:46

Tgt Ion: 105 Resp: 201837

Ion Ratio Lower Upper

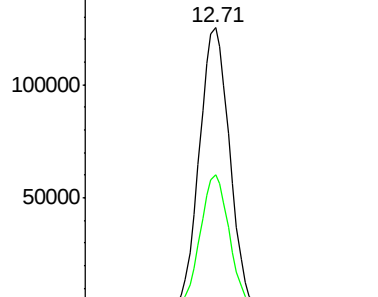
105 100

120 46.8 0.0 95.0

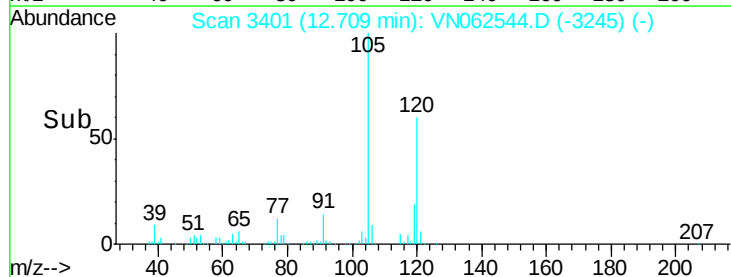


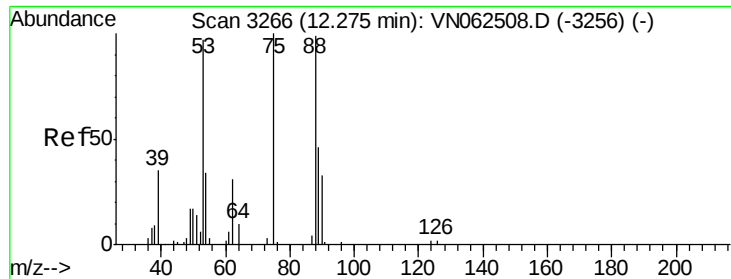
Abundance Ion 105.00 (104.70 to 105.70): VN062508.D (-3388) (-)

Ion 120.00 (119.70 to 120.70): VN062508.D (-3388) (-)



Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.488 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062544.D

Acq: 16 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBS01

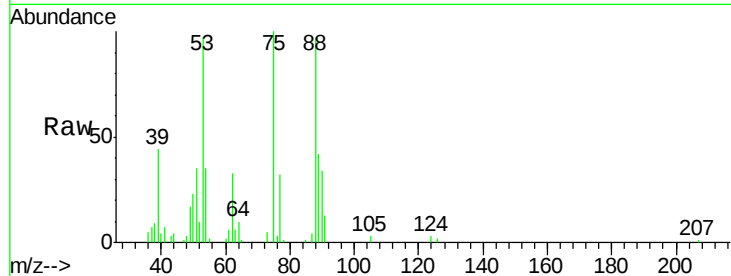
Tot Ion: 75 Resp: 26060

Ion Ratio Lower Upper

75 100

53 96.9 48.3 144.8

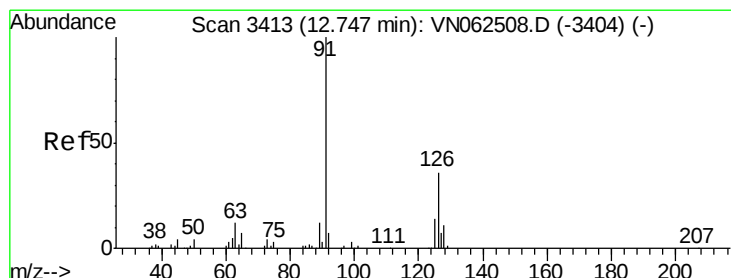
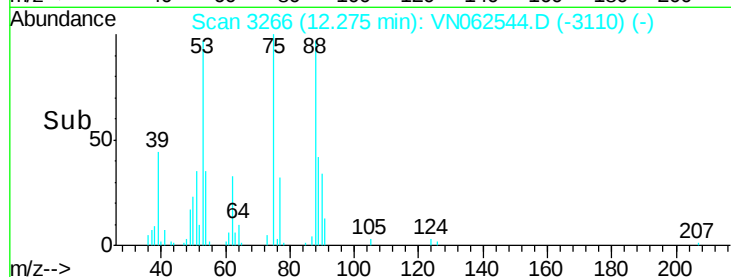
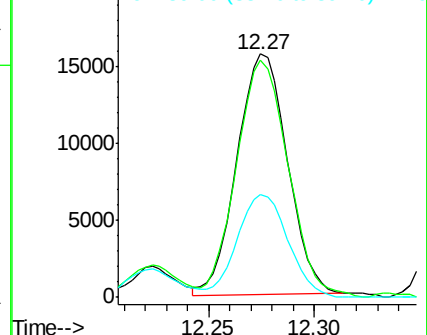
89 42.9 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 18.477 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062544.D

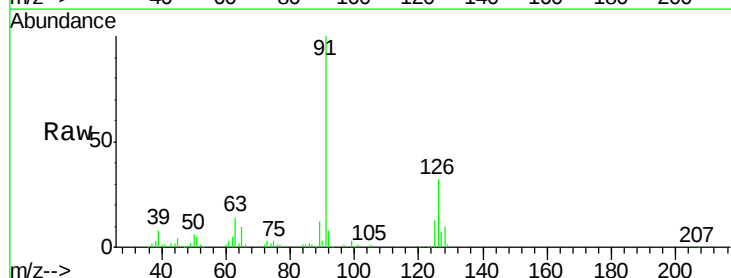
Acq: 16 Jul 2020 13:46

Tgt Ion: 91 Resp: 171011

Ion Ratio Lower Upper

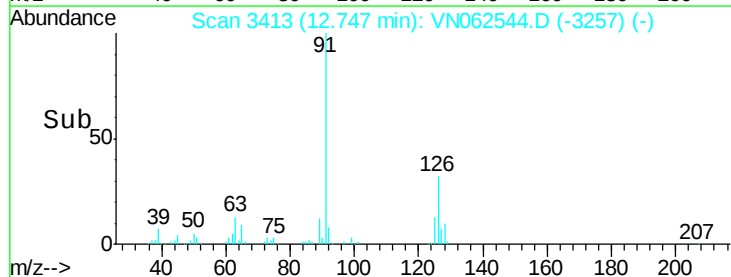
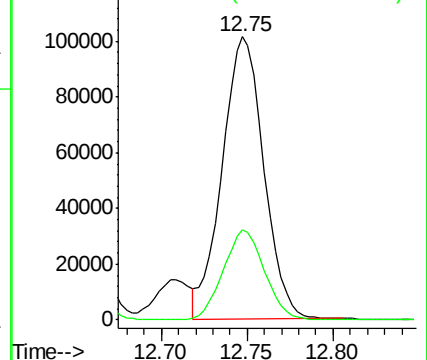
91 100

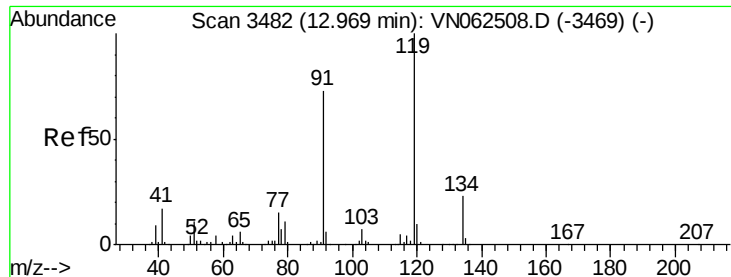
126 31.6 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

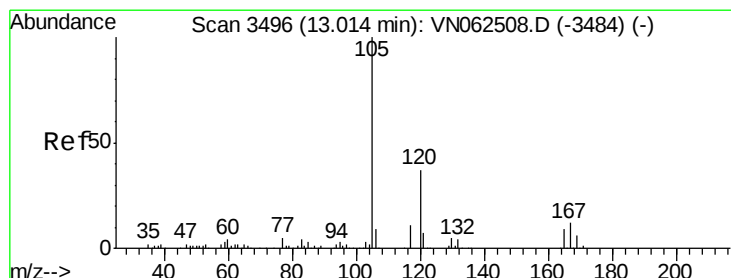
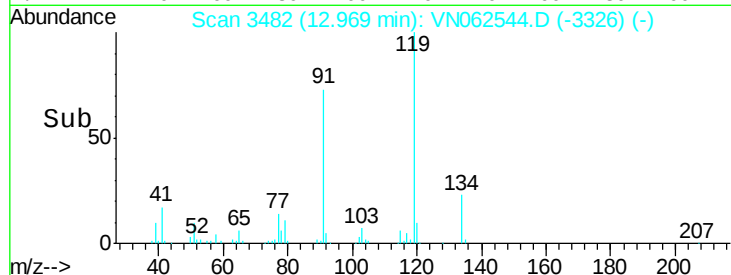
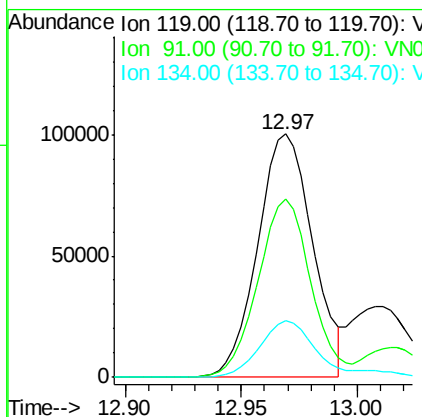
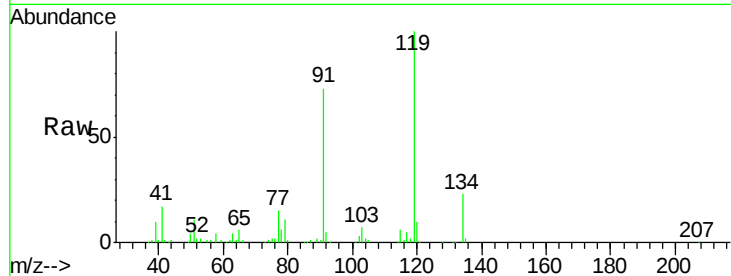




#79
tert-butylbenzene
Concen: 18.533 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

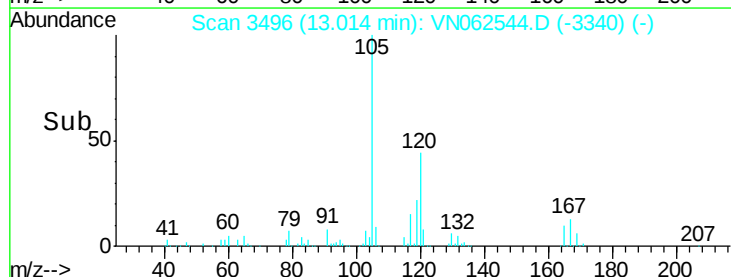
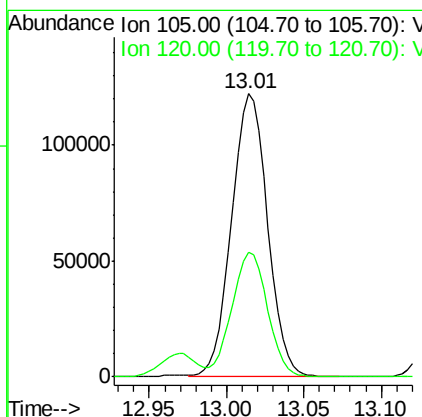
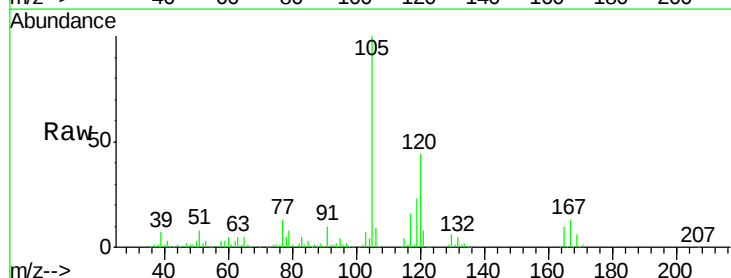
Instrument :
MSVOA_N
ClientSampled :
VN0716WBS01

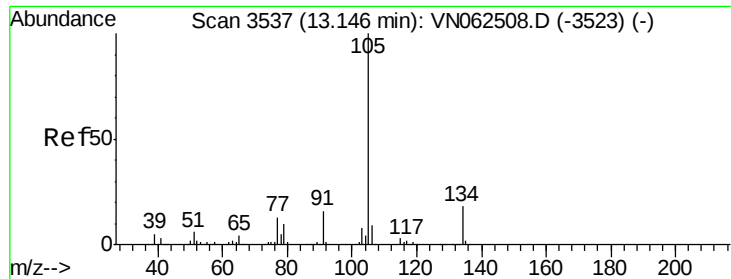
Tot Ion:119 Resp: 165725
Ion Ratio Lower Upper
119 100
91 70.8 0.0 139.8
134 23.2 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 18.531 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion:105 Resp: 196819
Ion Ratio Lower Upper
105 100
120 43.8 0.0 86.6

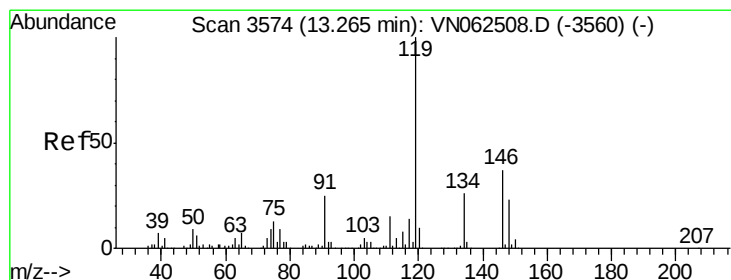
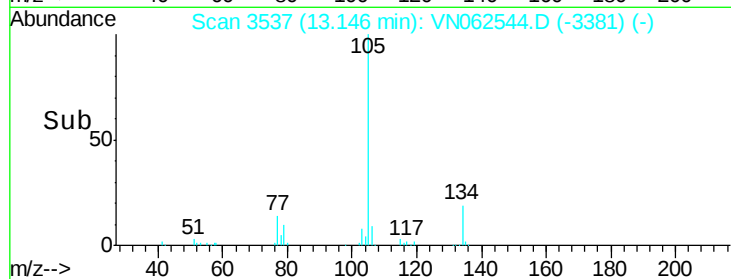
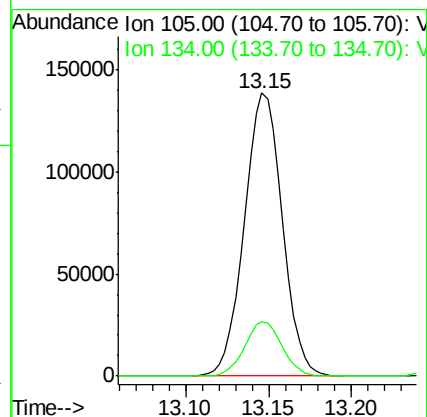
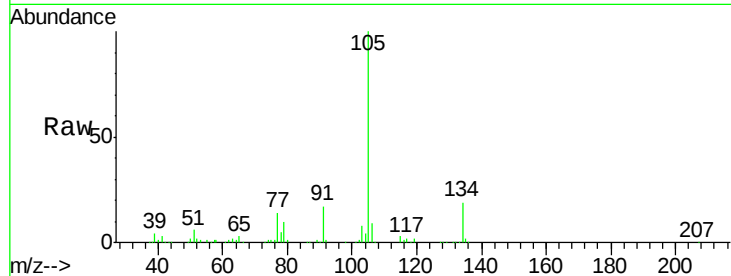




#81
 sec-Butylbenzene
 Concen: 18.378 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

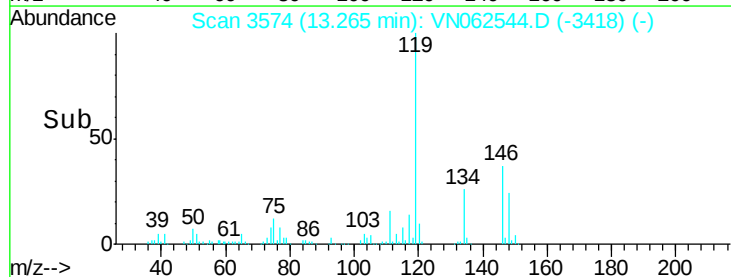
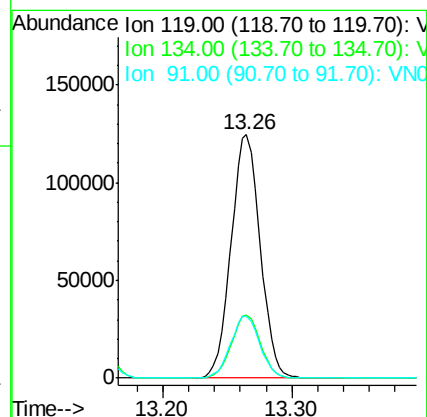
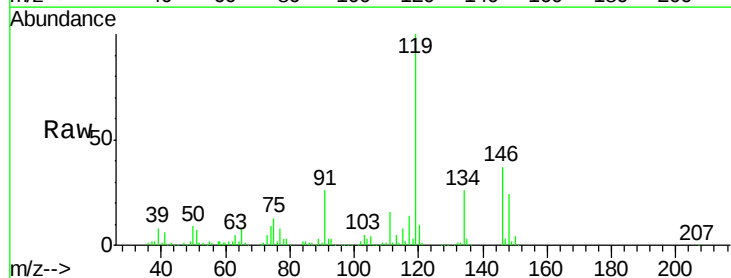
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

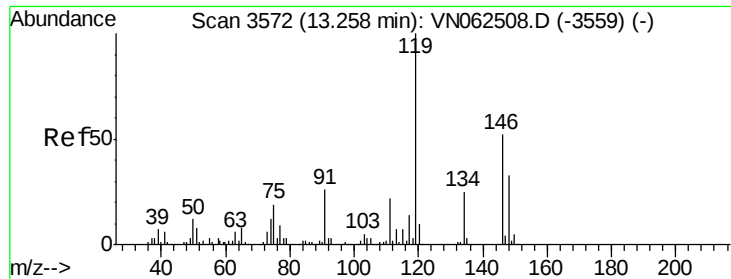
Tot Ion:105 Resp: 220695
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 37.2



#82
 p-Isopropyltoluene
 Concen: 18.404 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion:119 Resp: 195038
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 25.6 0.0 51.2

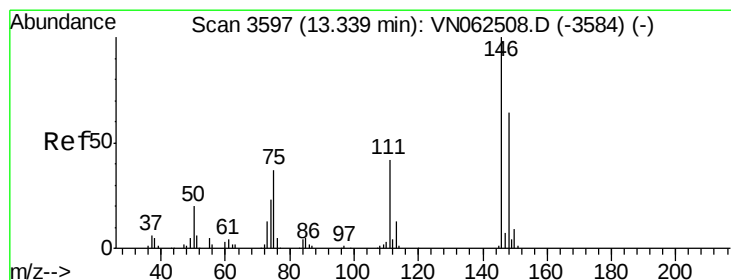
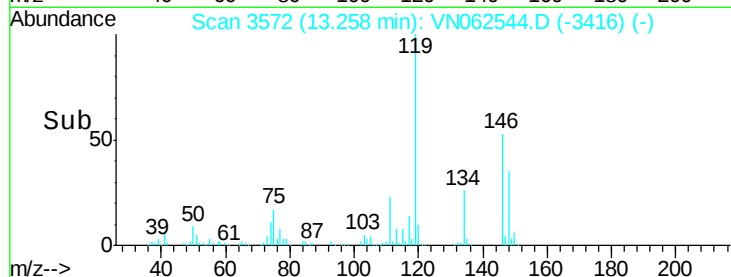
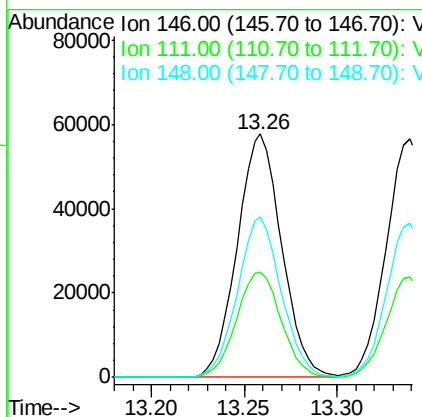
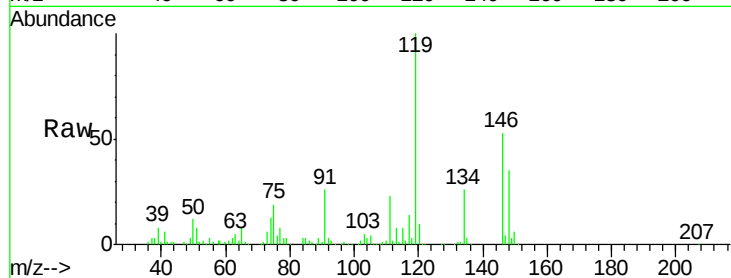




#83
 1,3-Dichlorobenzene
 Concen: 18.846 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

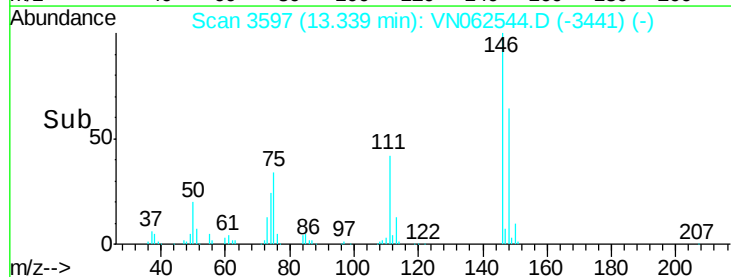
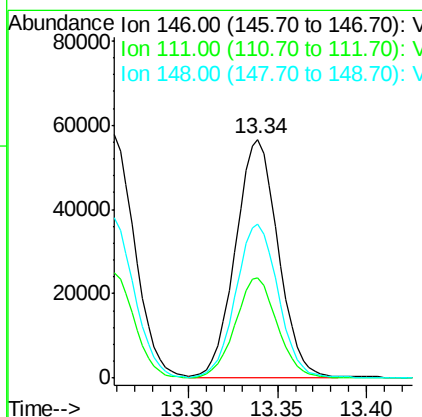
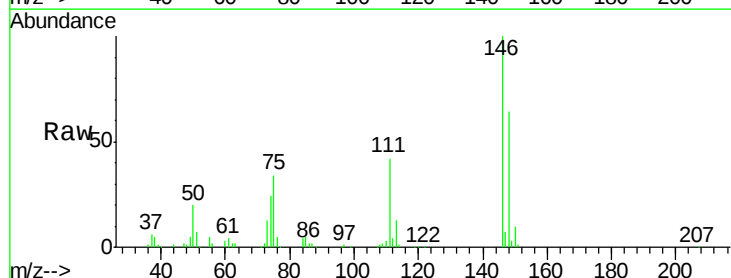
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

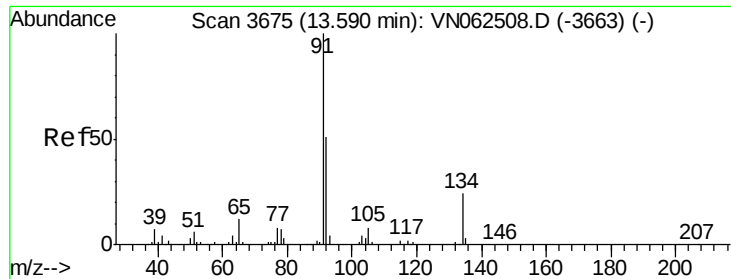
Tot Ion:146 Resp: 96067
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.0 63.0
 148 64.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.726 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion:146 Resp: 94192
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.4 64.2
 148 64.6 32.4 97.2

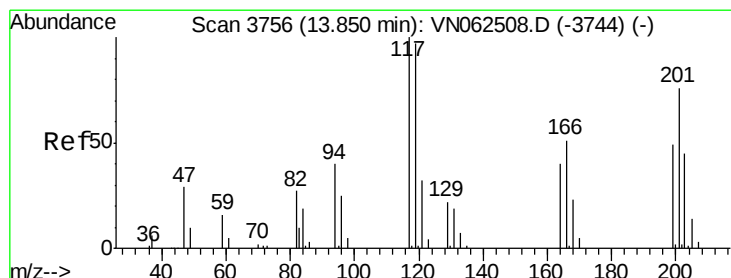
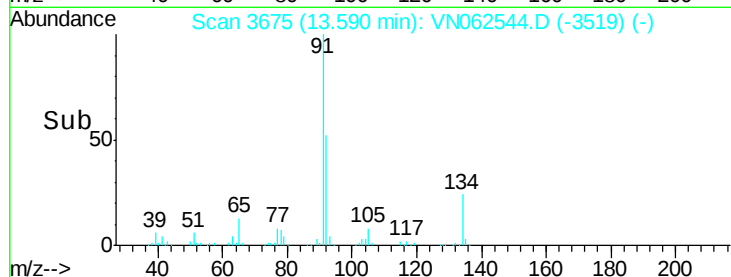
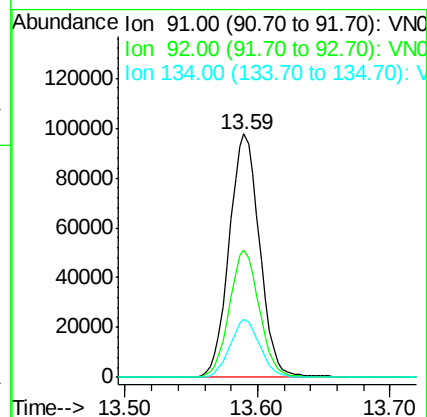
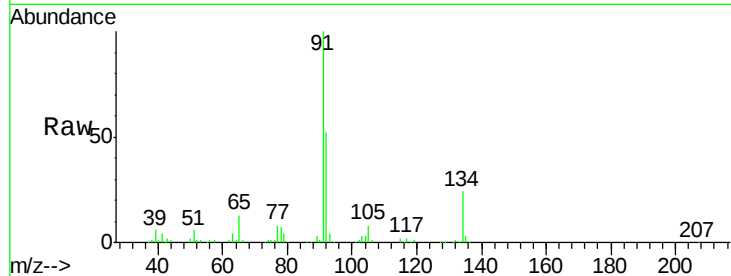




#85
n-Butylbenzene
Concen: 17.139 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

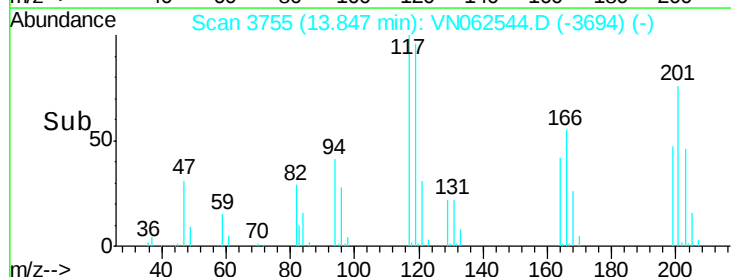
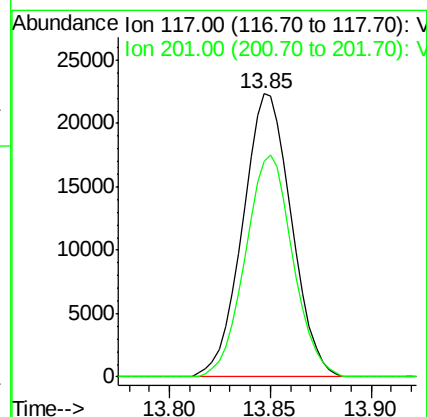
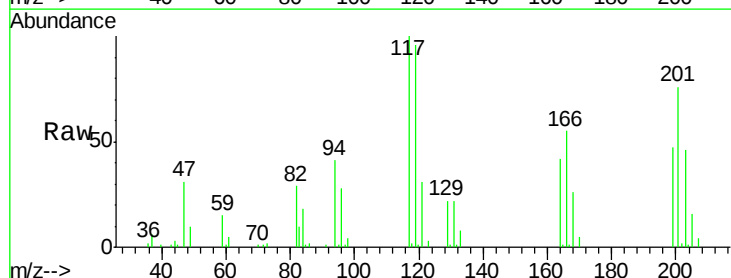
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBS01

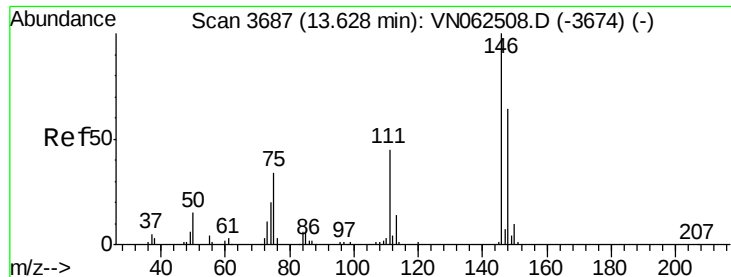
Tot Ion: 91 Resp: 155805
Ion Ratio Lower Upper
91 100
92 51.5 0.0 102.4
134 23.3 0.0 46.6



#86
Hexachloroethane
Concen: 18.487 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion: 117 Resp: 37805
Ion Ratio Lower Upper
117 100
201 76.4 37.4 112.2

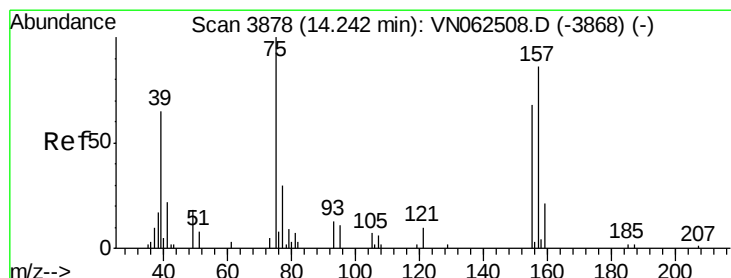
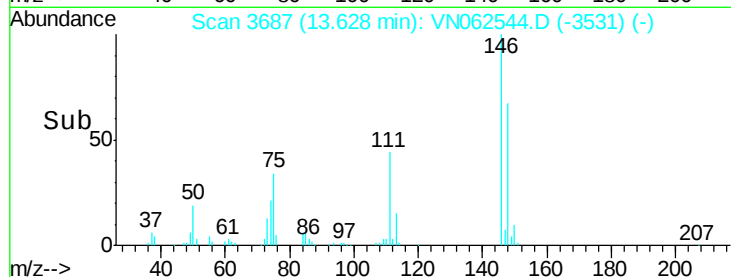
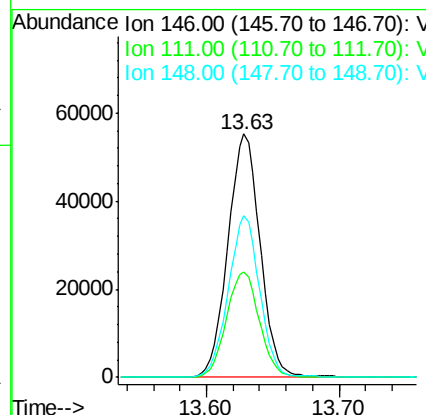
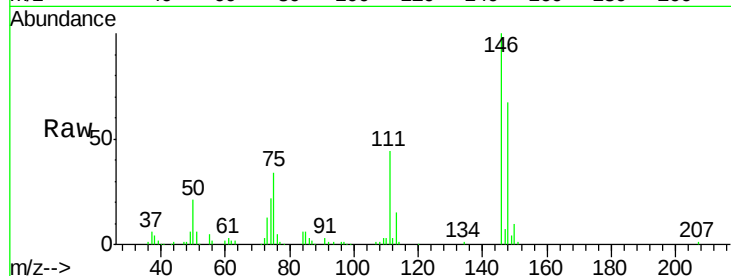




#87
 1,2-Dichlorobenzene
 Concen: 19.033 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

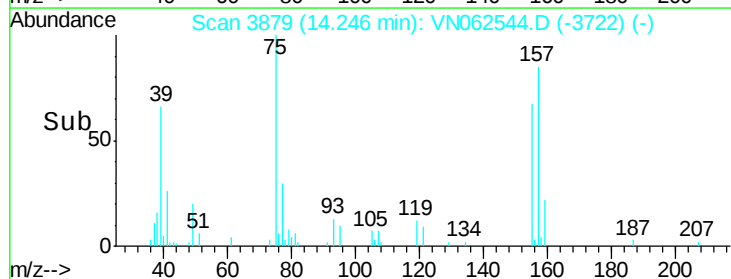
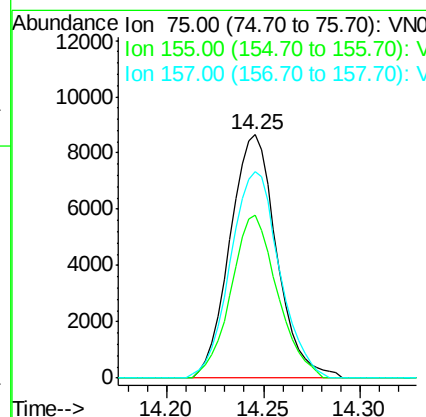
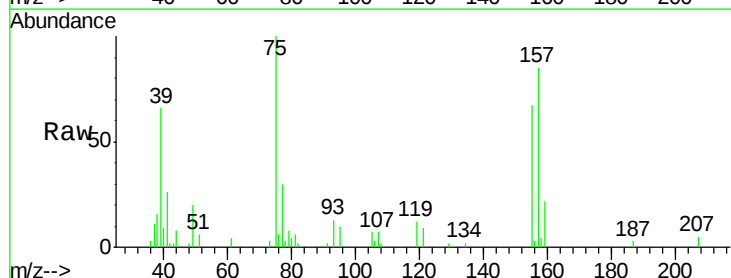
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBS01

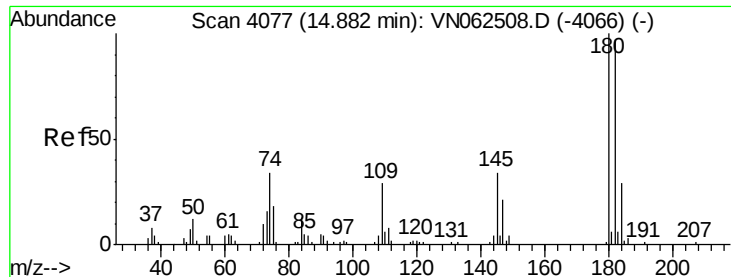
Tot Ion:146 Resp: 93297
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.4 67.0
 148 64.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.814 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062544.D
 Acq: 16 Jul 2020 13:46

Tgt Ion: 75 Resp: 14554
 Ion Ratio Lower Upper
 75 100
 155 66.2 55.7 83.5
 157 88.9 71.0 106.6

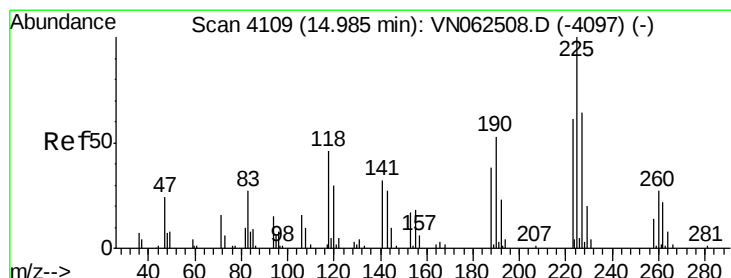
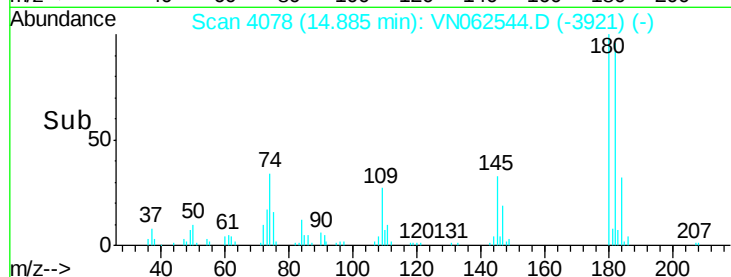
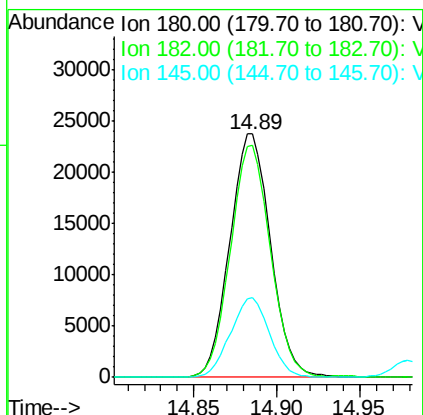
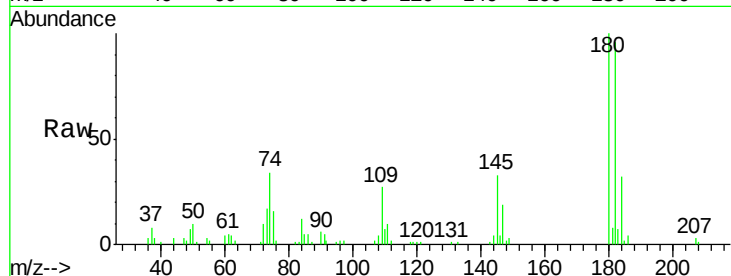




#89
1,2,4-Trichlorobenzene
Concen: 16.624 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

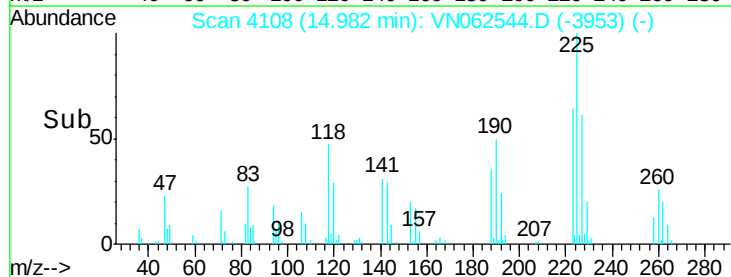
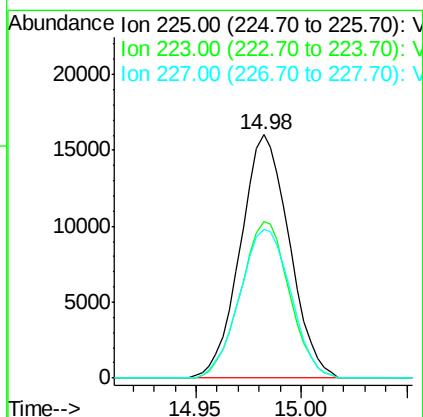
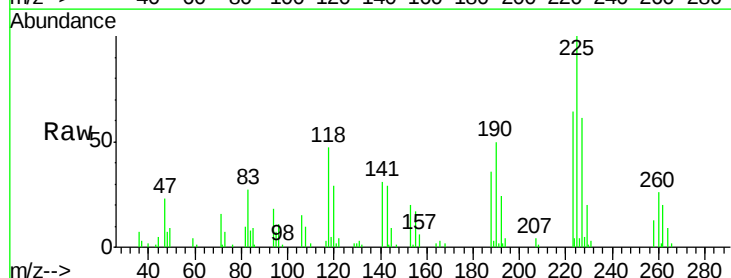
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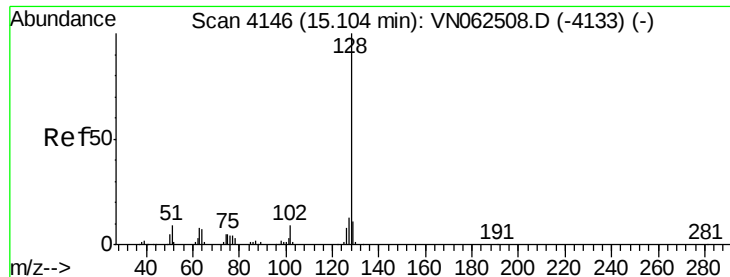
Tot Ion:180 Resp: 40568
Ion Ratio Lower Upper
180 100
182 93.9 77.5 116.3
145 31.3 26.1 39.1



#90
Hexachlorobutadiene
Concen: 19.076 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion:225 Resp: 25819
Ion Ratio Lower Upper
225 100
223 64.3 0.0 120.4
227 64.1 0.0 129.6

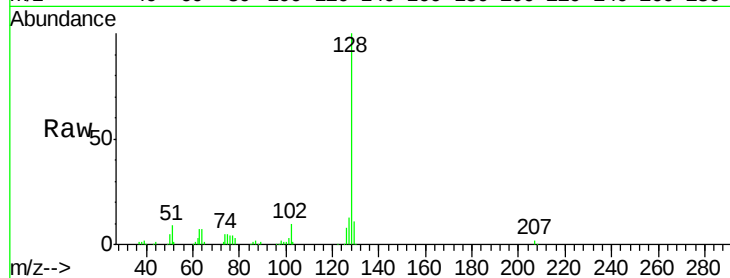




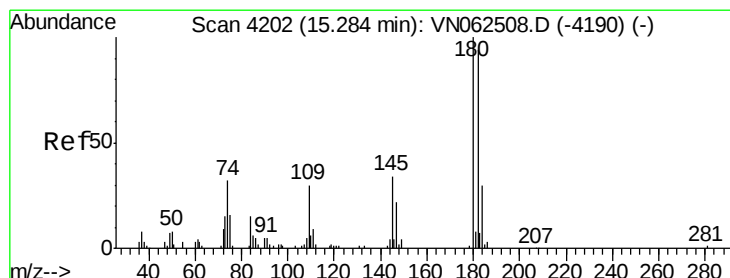
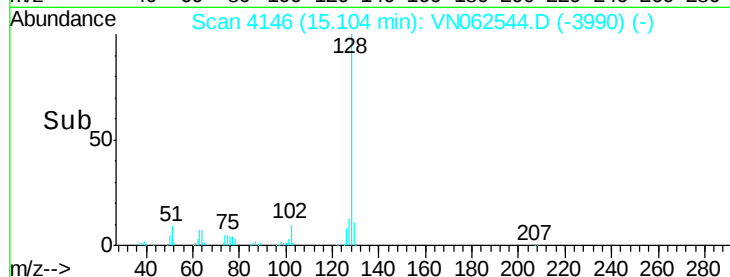
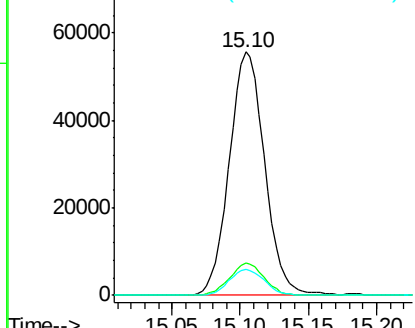
#91
Naphthalene
Concen: 15.172 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :
VN0716WBS01

Tot Ion:128 Resp: 100380
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.6 8.8 13.2

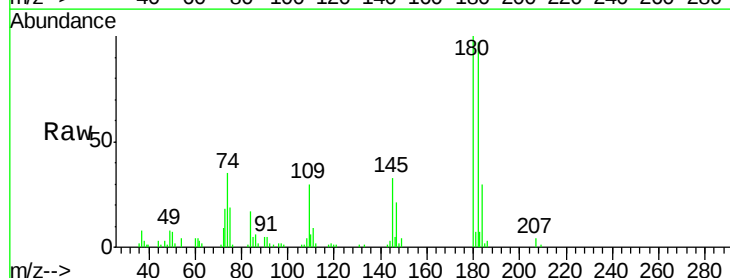


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 16.867 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062544.D
Acq: 16 Jul 2020 13:46

Tgt Ion:180 Resp: 41483
Ion Ratio Lower Upper
180 100
182 96.3 0.0 187.2
145 32.9 0.0 67.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

