

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
 Data File : VN062545.D
 Acq On : 16 Jul 2020 14:10
 Operator : JC/MD
 Sample : VN0716WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

Quant Time: Jul 16 18:46:58 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	36827	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	195388	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	183707	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	94054	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	12.38	95	92305	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	10.06	98	262793	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	40507	18.636	ug/l 93
3) Chloromethane	2.04	50	56946	18.144	ug/l 97
4) Vinyl Chloride	2.16	62	48919	17.830	ug/l 95
5) Bromomethane	2.53	94	24390	17.920	ug/l 90
6) Chloroethane	2.67	64	24670	18.266	ug/l 99
7) Trichlorofluoromethane	2.99	101	59428	18.481	ug/l 97
8) Diethyl Ether	3.38	74	28693	18.562	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38748	18.640	ug/l 99
10) 1,1-Dichloroethene	3.70	96	39054	18.416	ug/l 97
11) Methyl Iodide	3.91	142	49444	19.039	ug/l 98
12) Methyl Acetate	4.28	43	55892	19.652	ug/l 98
13) Acrolein	3.57	56	48520	114.181	ug/l 99
14) Acrylonitrile	4.93	53	122543	92.642	ug/l 99
15) Acetone	3.78	58	34364	84.628	ug/l 92
16) Carbon Disulfide	4.01	76	121916	17.641	ug/l 100
17) Allyl chloride	4.27	41	82769	18.352	ug/l 92
18) Methylene Chloride	4.51	84	49858	19.107	ug/l 98
19) trans-1,2-Dichloroethene	4.99	96	42471	18.095	ug/l 91
20) Diisopropyl ether	5.90	45	174405	18.811	ug/l 97
21) 1,1-Dichloroethane	5.80	63	92697	18.911	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	48620	18.368	ug/l 98
23) tert-Butyl Alcohol	4.73	59	42649	96.344	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	141834	18.141	ug/l 98
25) Chloroform	7.33	83	85721	19.069	ug/l 98
26) Cyclohexane	7.62	56	75864	17.559	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	62470	18.849	ug/l 99
30) 2-Butanone	6.79	43	168292	95.747	ug/l # 96
31) 2,2-Dichloropropane	6.78	77	71247	19.065	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	69831	19.604	ug/l 99
33) Carbon Tetrachloride	7.73	117	60746	19.672	ug/l 98
34) Benzene	8.00	78	193400	19.642	ug/l 99
35) Methacrylonitrile	7.12	41	26125	16.921	ug/l 98
36) 1,2-Dichloroethane	8.08	62	71392	20.173	ug/l 100
37) Trichloroethene	8.80	130	43458	19.650	ug/l 99
38) Methylcyclohexane	9.05	83	67144	18.060	ug/l 100
39) 1,2-Dichloropropane	9.08	63	56019	19.970	ug/l 98
40) Dibromomethane	9.17	93	33147	20.504	ug/l 99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

Quant Time: Jul 16 18:46:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	67782	19.768	ug/l	98
42) Vinyl Acetate	5.85	43	720200	98.604	ug/l	100
43) Ethyl Acetate	6.88	43	75157	21.268	ug/l	98
44) Isopropyl Acetate	8.13	43	114396	19.295	ug/l	97
45) 1,4-Dioxane	9.17	88	17589	433.679	ug/l	98
46) Methyl methacrylate	9.17	41	53002	18.843	ug/l	96
47) n-amyl Acetate	12.05	43	93563	18.721	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	75961	18.993	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	83197	19.271	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	45340	20.008	ug/l	99
51) Ethyl methacrylate	10.40	69	72645	19.041	ug/l	97
52) 1,3-Dichloropropane	10.68	76	82426	19.819	ug/l	98
53) Dibromochloromethane	10.87	129	48224	19.532	ug/l	97
54) 1,2-Dibromoethane	10.98	107	45414	19.580	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	107979	88.611	ug/l	99
56) Bromoform	12.10	173	33554	19.898	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	355341	99.279	ug/l	100
59) 2-Hexanone	10.72	43	249782	95.156	ug/l	100
61) Tetrachloroethene	10.60	164	35499	18.869	ug/l	92
62) Toluene	10.12	91	199541	19.146	ug/l	100
64) Chlorobenzene	11.41	112	114559	18.707	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	43110	19.018	ug/l	98
66) Ethyl Benzene	11.48	91	213413	18.492	ug/l	100
67) m/p-Xylenes	11.60	106	153138	36.558	ug/l	99
68) o-Xylene	11.92	106	73458	18.273	ug/l	99
69) Styrene	11.94	104	126211	18.498	ug/l	99
70) Isopropylbenzene	12.22	105	200256	18.557	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	70341	20.168	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	66653m	19.647	ug/l	
73) Bromobenzene	12.50	156	46982	18.798	ug/l	99
74) n-propylbenzene	12.57	91	234037	18.245	ug/l	100
75) 2-Chlorotoluene	12.65	91	141624	18.337	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	169065	18.387	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	22478	17.716	ug/l	97
78) 4-Chlorotoluene	12.75	91	146427	18.581	ug/l	99
79) tert-butylbenzene	12.97	119	139351	18.302	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	164493	18.189	ug/l	99
81) sec-Butylbenzene	13.15	105	185754	18.167	ug/l	100
82) p-Isopropyltoluene	13.26	119	159285	17.652	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	80751	18.605	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	76104	17.769	ug/l	100
85) n-Butylbenzene	13.59	91	127132	16.425	ug/l	100
86) Hexachloroethane	13.85	117	31013	17.811	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	78523	18.814	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	12520	19.008	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	34391	16.552	ug/l	99
90) Hexachlorobutadiene	14.98	225	22534	19.554	ug/l	97
91) Naphthalene	15.10	128	91133	16.177	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	35677	17.037	ug/l	97

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Acq On : 16 Jul 2020 14:10
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Quant Time: Jul 16 18:46:58 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

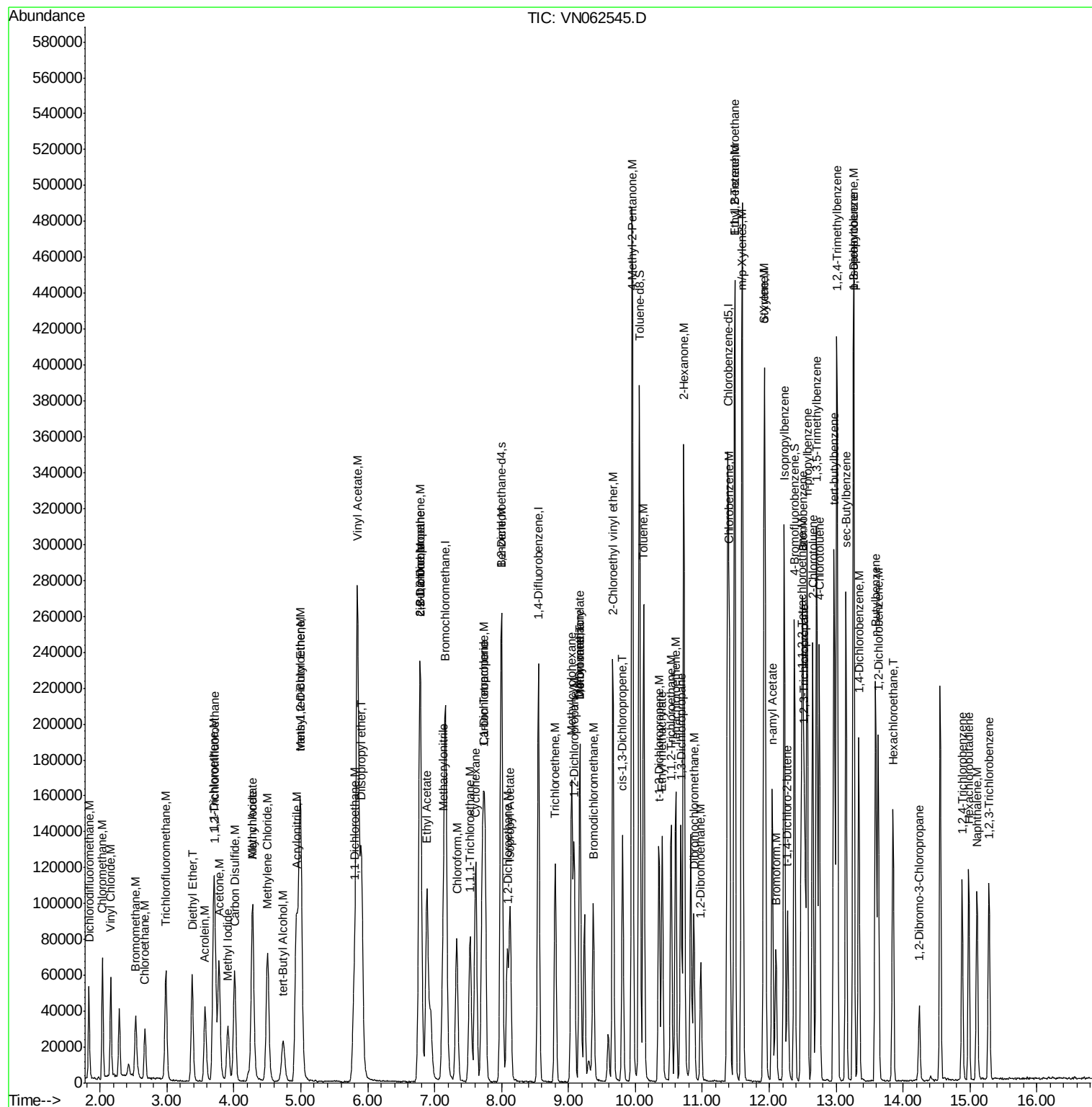
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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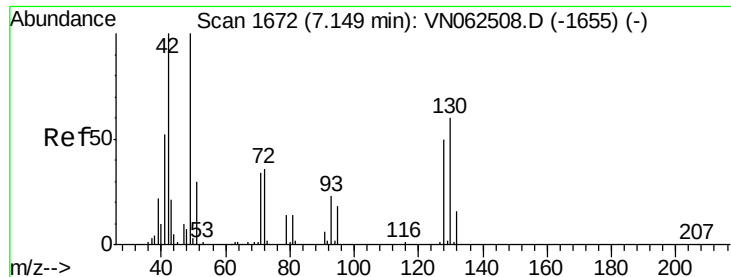
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071620\
Data File : VN062545.D
Acq On : 16 Jul 2020 14:10
Operator : JC/MD
Sample : VN0716WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Quant Time: Jul 16 18:46:58 2020
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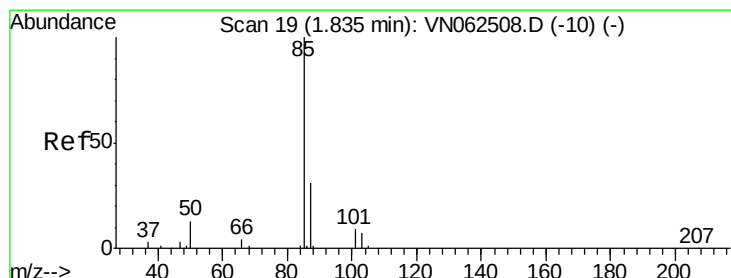
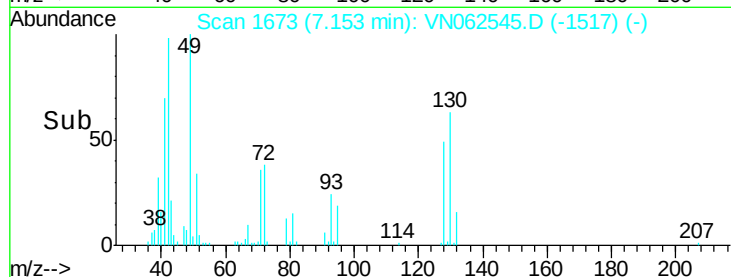
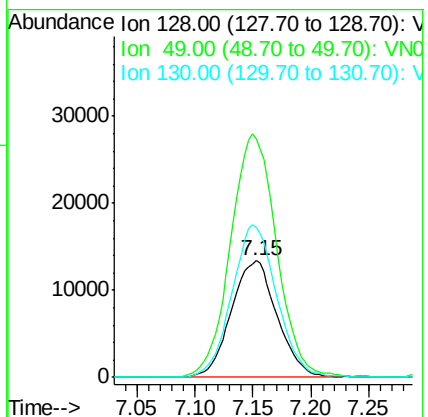
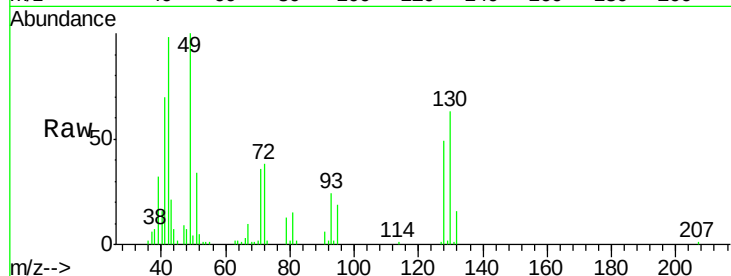




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

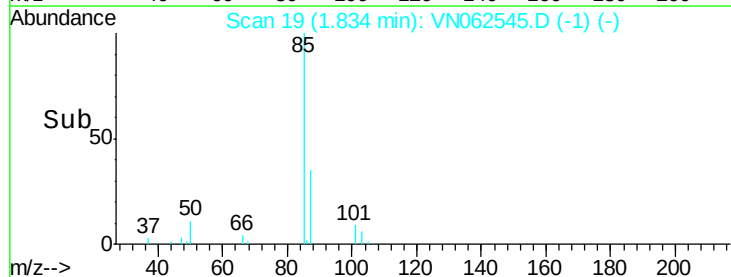
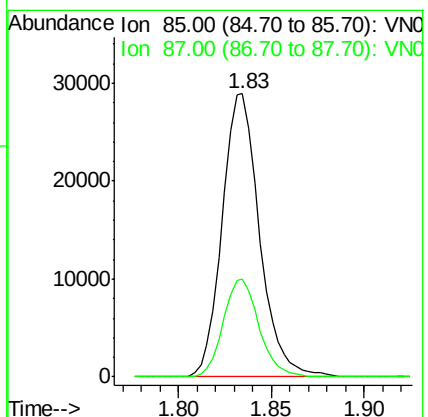
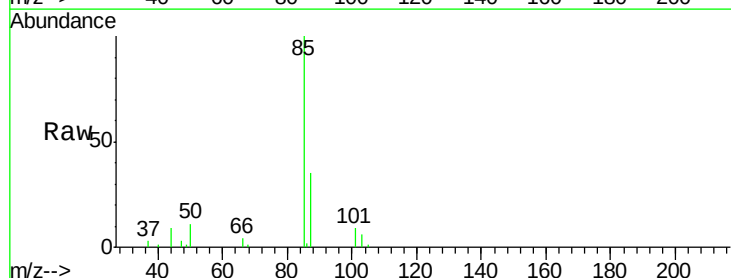
Instrument :
 MSVOA_N
 ClientSampled :
 VN0716WBSD01

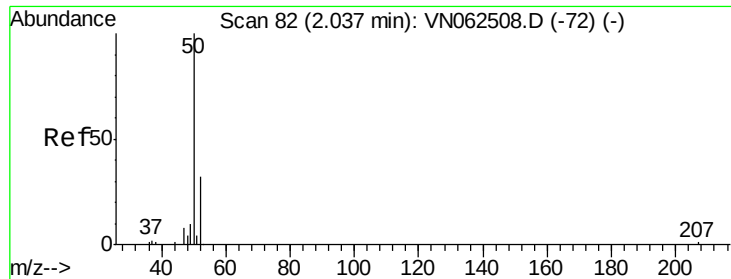
Tot Ion:128 Resp: 36827
 Ion Ratio Lower Upper
 128 100
 49 209.4 0.0 525.0
 130 128.1 0.0 319.8



#2
 Dichlorodifluoromethane
 Concen: 18.636 ug/l
 RT: 1.83 min Scan# 19
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion: 85 Resp: 40507
 Ion Ratio Lower Upper
 85 100
 87 34.7 15.6 46.7

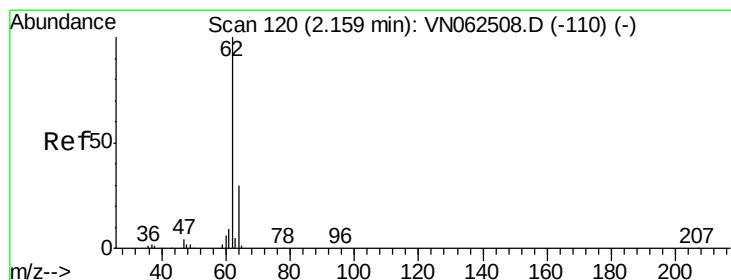
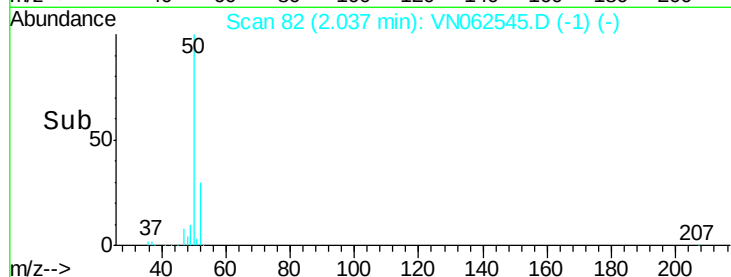
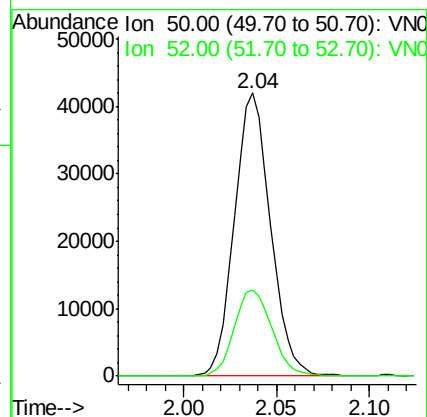
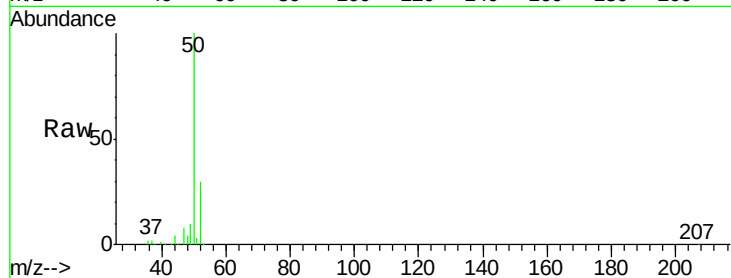




#3
Chloromethane
Concen: 18.144 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

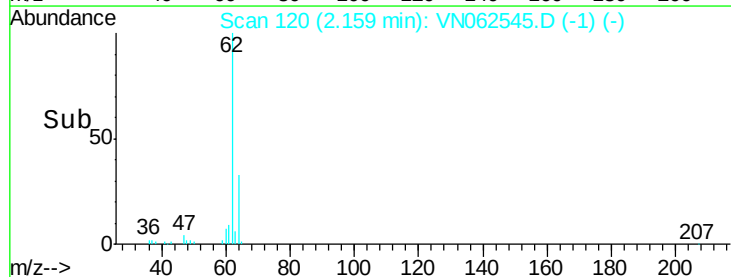
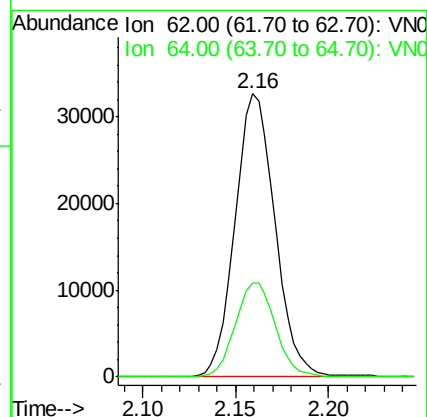
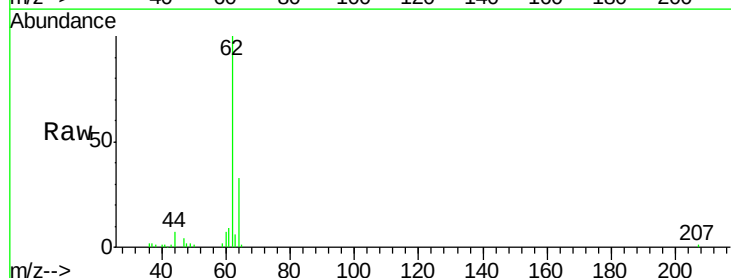
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

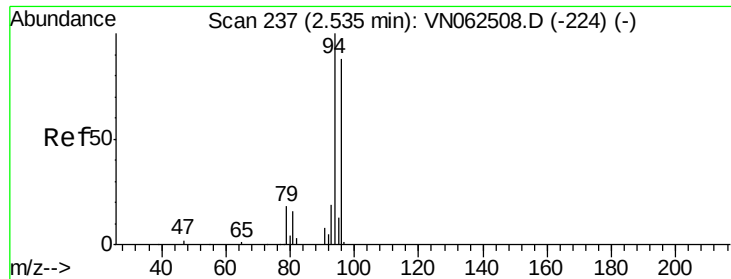
Tot Ion: 50 Resp: 56946
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.2



#4
Vinyl Chloride
Concen: 17.830 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 62 Resp: 48919
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5





#5

Bromomethane

Concen: 17.920 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

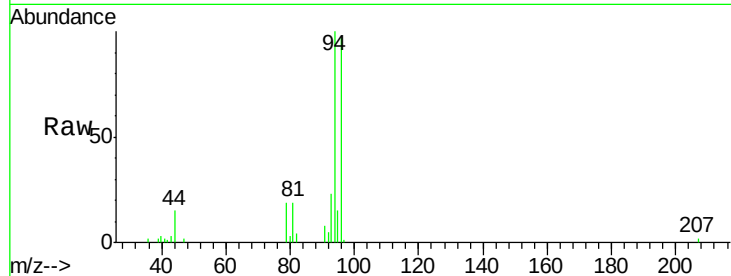
VN0716WBSD01

Tot Ion: 94 Resp: 24390

Ion Ratio Lower Upper

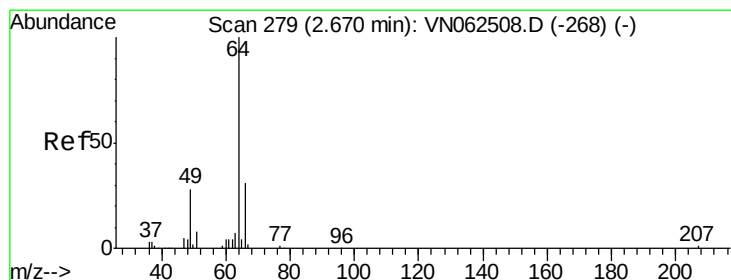
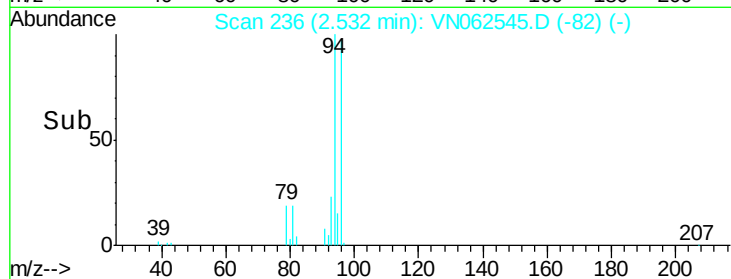
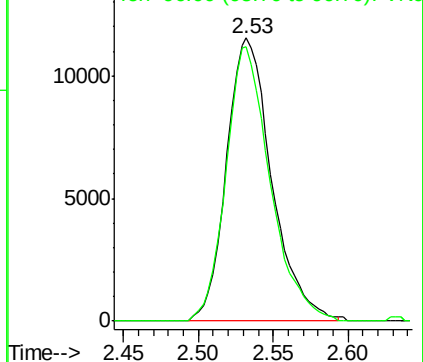
94 100

96 97.0 70.2 105.4



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.266 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN062545.D

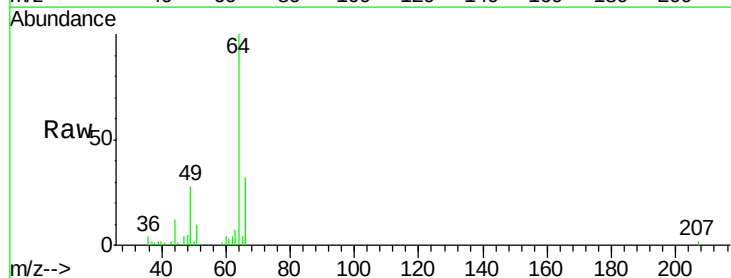
Acq: 16 Jul 2020 14:10

Tgt Ion: 64 Resp: 24670

Ion Ratio Lower Upper

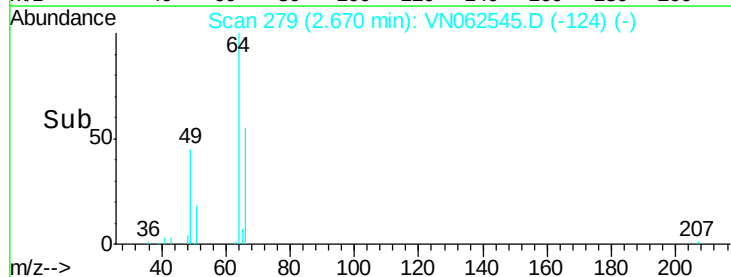
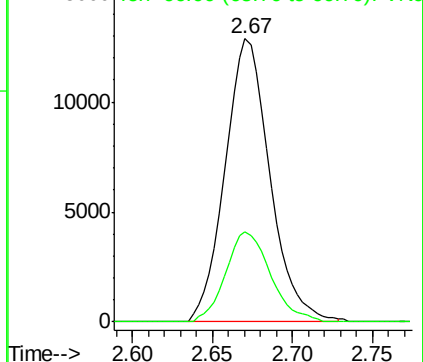
64 100

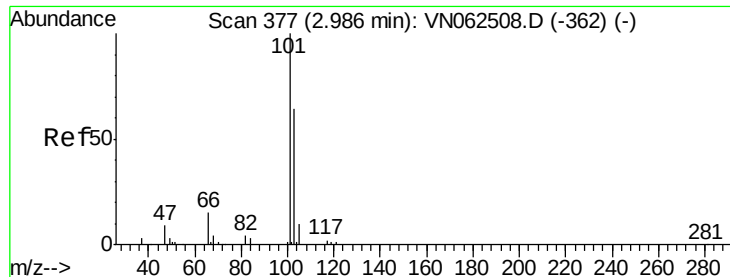
66 31.7 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



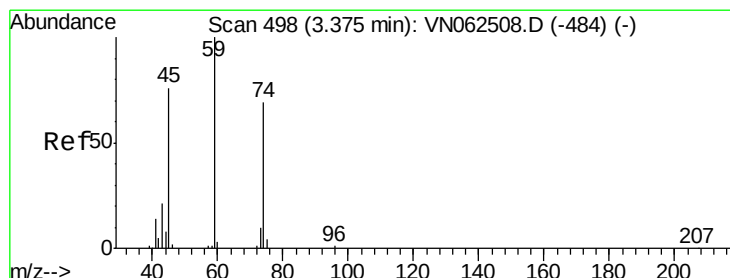
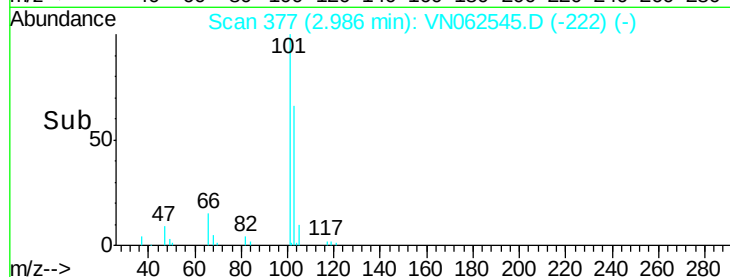
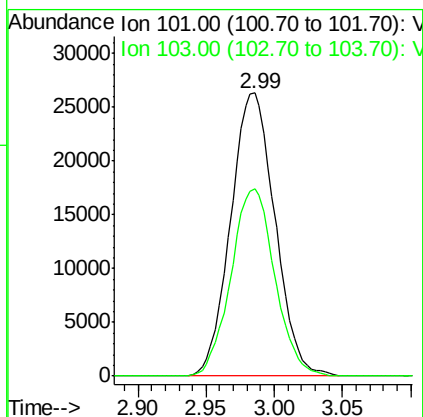
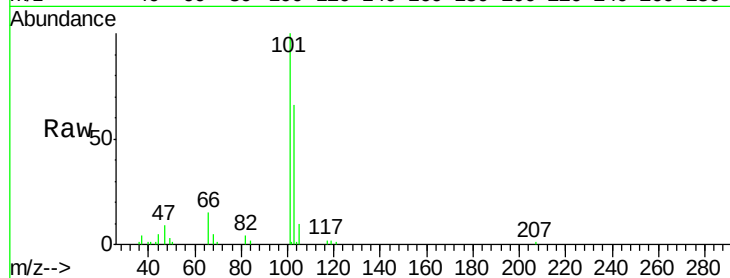


#7

Trichlorofluoromethane
Concen: 18.481 ug/l
RT: 2.99 min Scan# 377
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

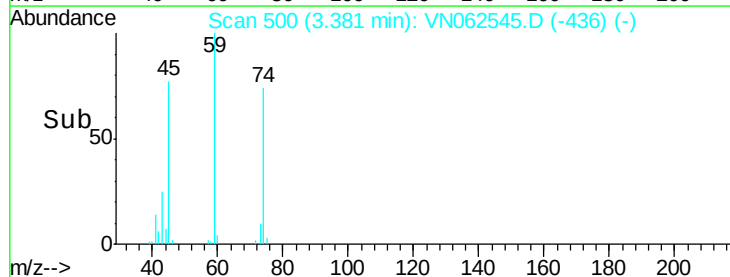
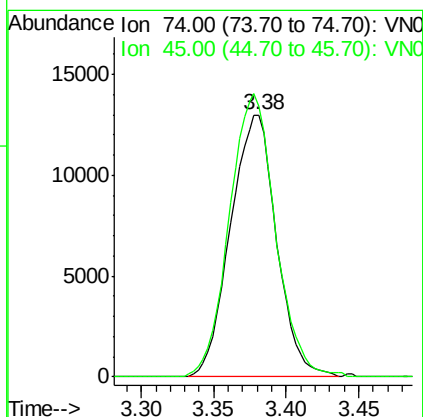
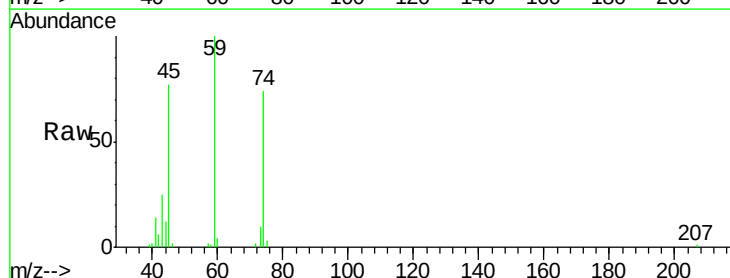
Tot Ion:101 Resp: 59428
Ion Ratio Lower Upper
101 100
103 66.3 50.9 76.3

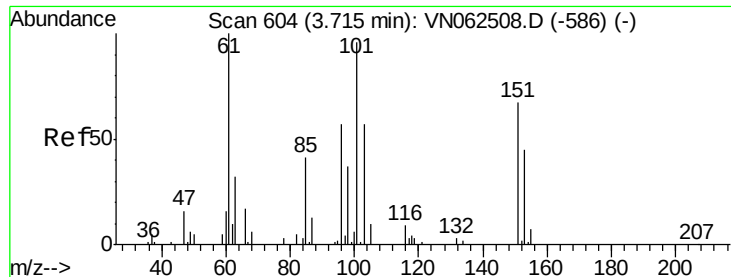


#8

Diethyl Ether
Concen: 18.562 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.01 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 74 Resp: 28693
Ion Ratio Lower Upper
74 100
45 107.9 21.8 196.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.640 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0716WBSD01

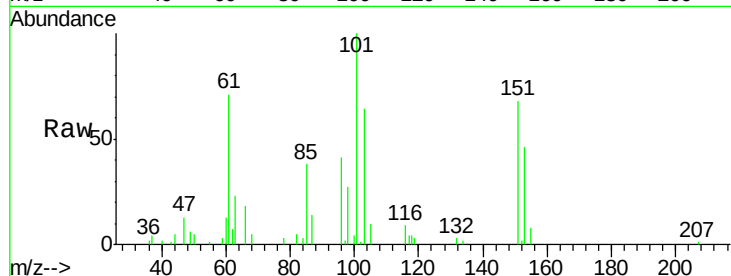
Tot Ion:101 Resp: 38748

Ion Ratio Lower Upper

101 100

85 43.5 0.0 90.4

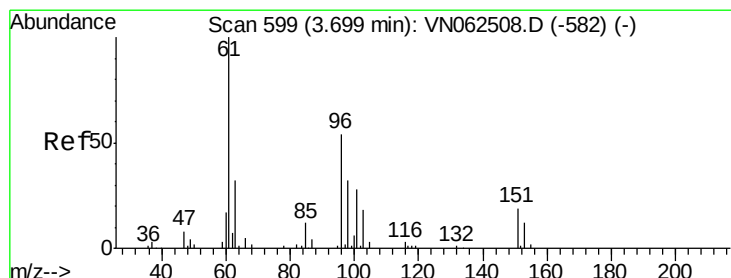
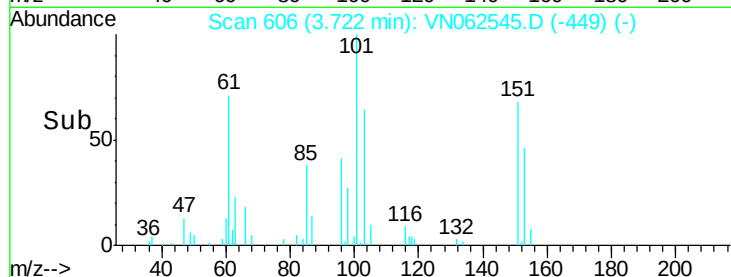
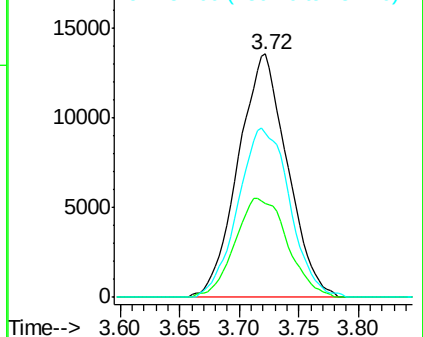
151 73.2 0.0 145.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.416 ug/l

RT: 3.70 min Scan# 599

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

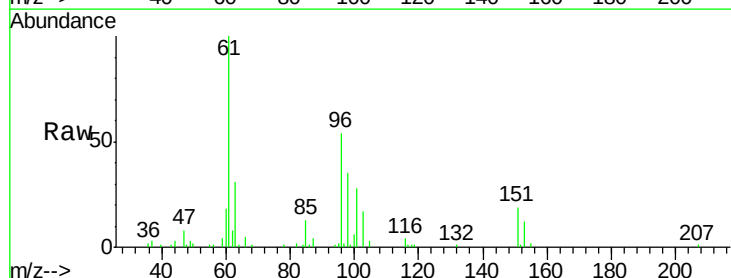
Tgt Ion: 96 Resp: 39054

Ion Ratio Lower Upper

96 100

61 182.8 147.8 221.8

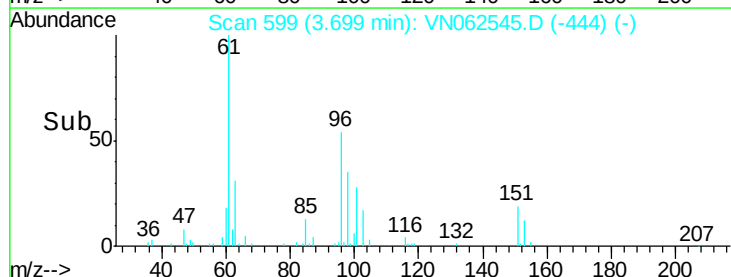
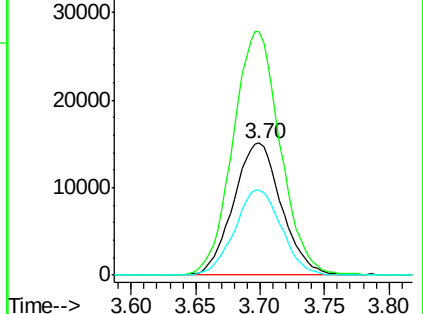
98 64.4 47.8 71.8

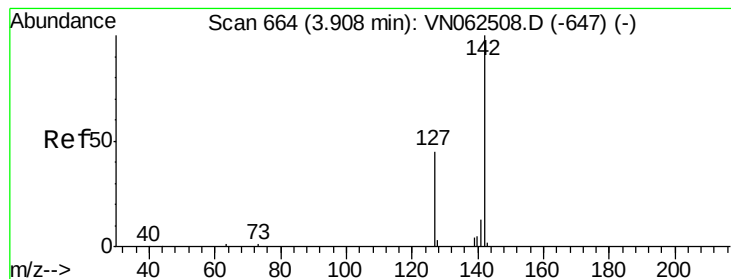


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#11

Methvl Iodide

Concen: 19.039 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

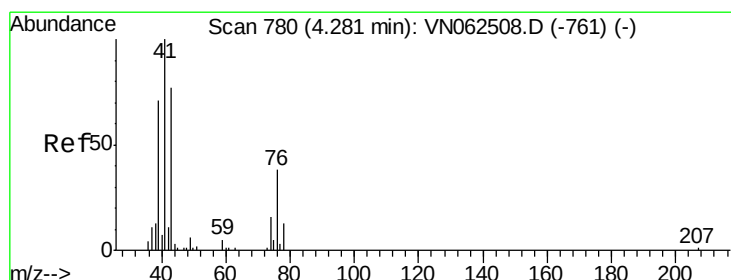
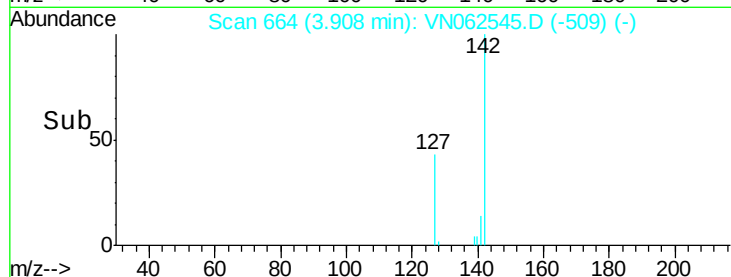
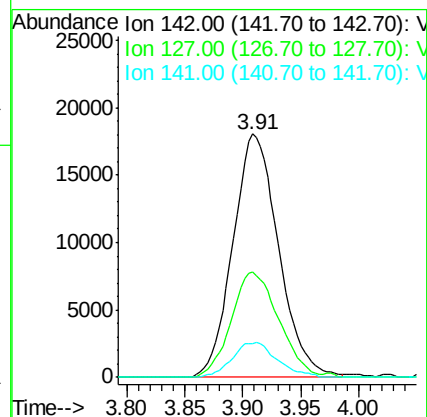
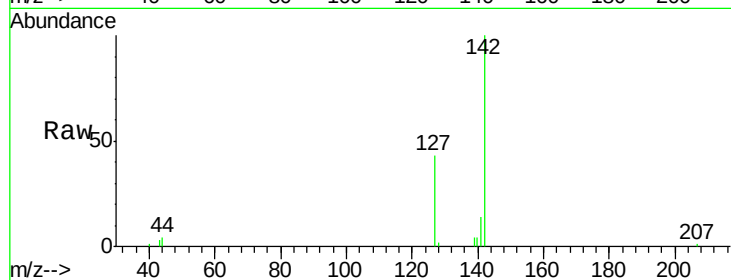
Tot Ion:142 Resp: 49444

Ion Ratio Lower Upper

142 100

127 43.5 22.1 66.5

141 14.0 6.5 19.4



#12

Methyl Acetate

Concen: 19.652 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN062545.D

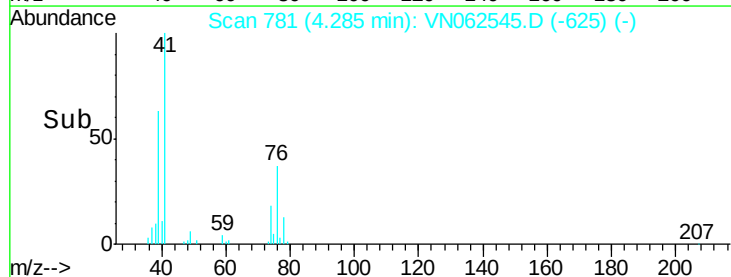
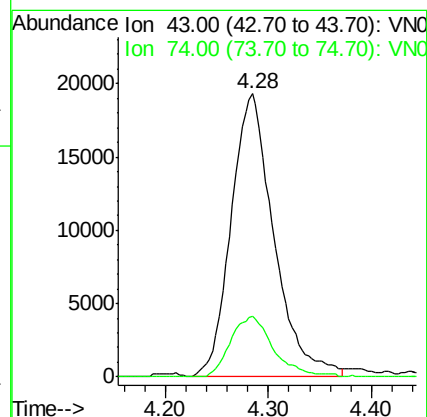
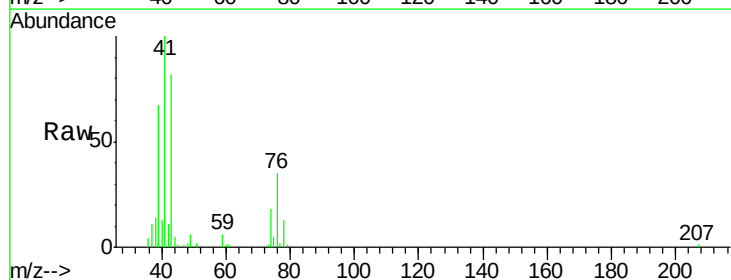
Acq: 16 Jul 2020 14:10

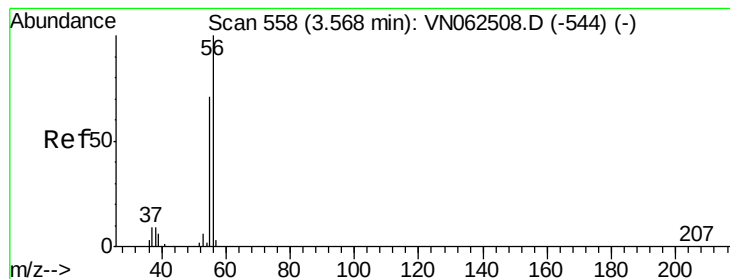
Tgt Ion: 43 Resp: 55892

Ion Ratio Lower Upper

43 100

74 21.9 16.7 25.1





#13

Acrolein

Concen: 114.181 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

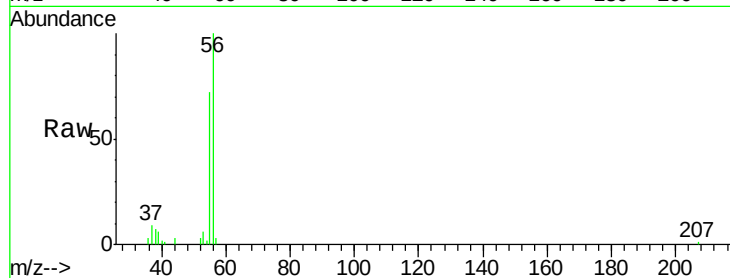
VN0716WBSD01

Tot Ion: 56 Resp: 48520

Ion Ratio Lower Upper

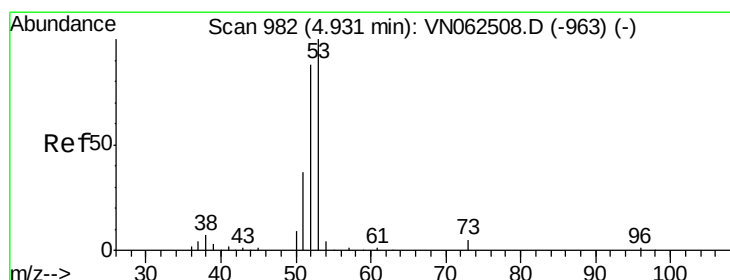
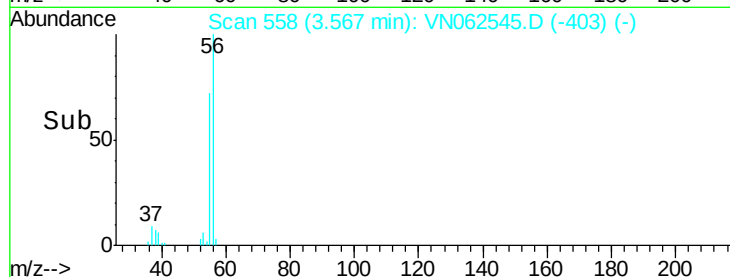
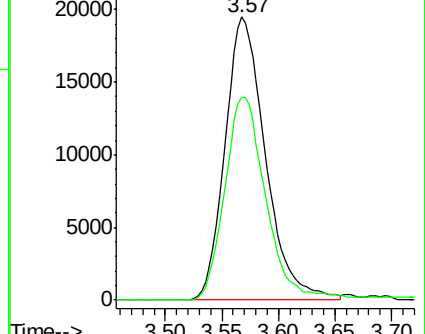
56 100

55 70.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 92.642 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

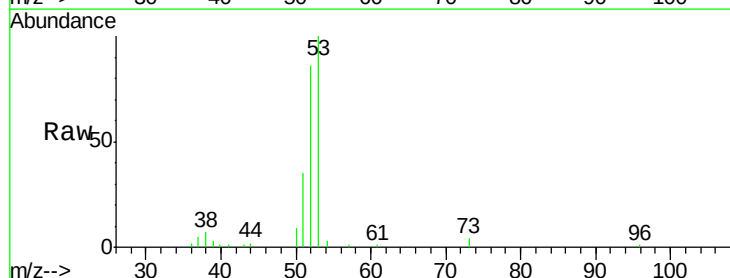
Tgt Ion: 53 Resp: 122543

Ion Ratio Lower Upper

53 100

52 83.7 41.8 125.4

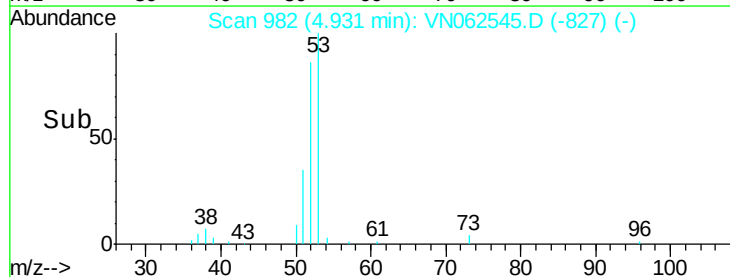
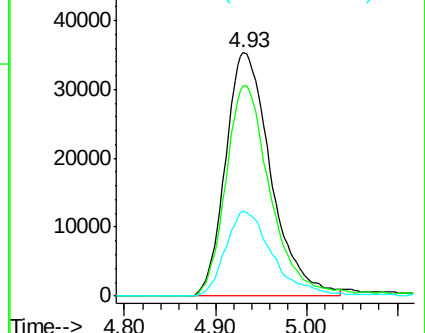
51 36.0 18.5 55.5

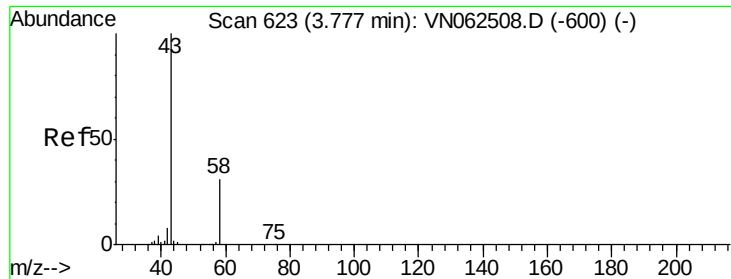


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 84.628 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

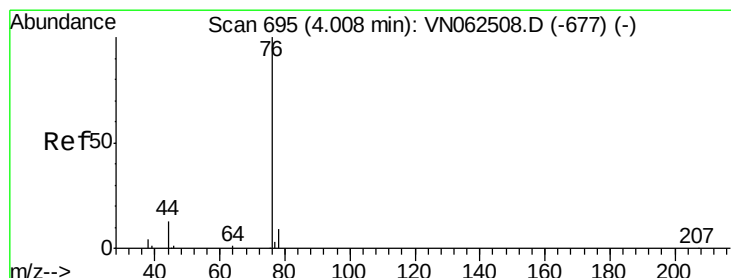
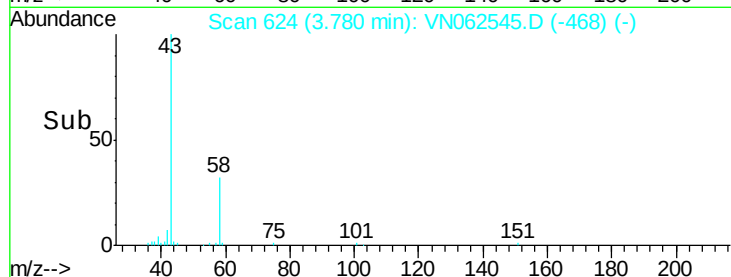
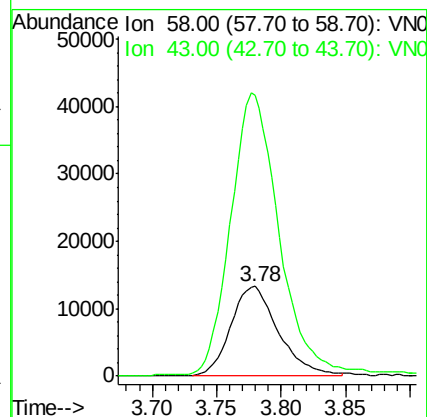
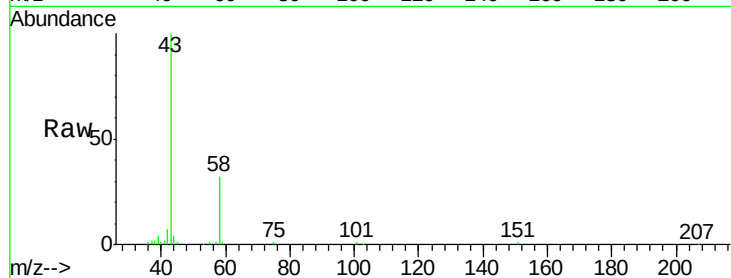
VN0716WBSD01

Tot Ion: 58 Resp: 34364

Ion Ratio Lower Upper

58 100

43 309.3 261.1 391.7



#16

Carbon Disulfide

Concen: 17.641 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN062545.D

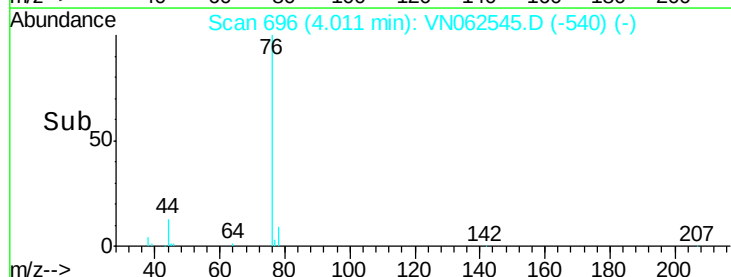
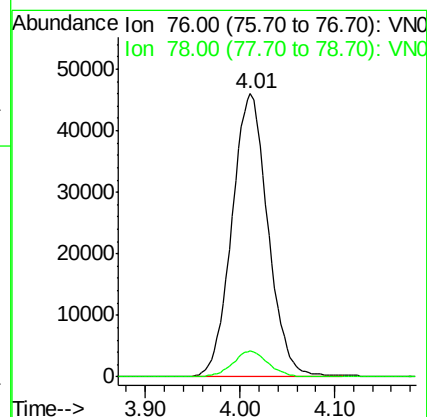
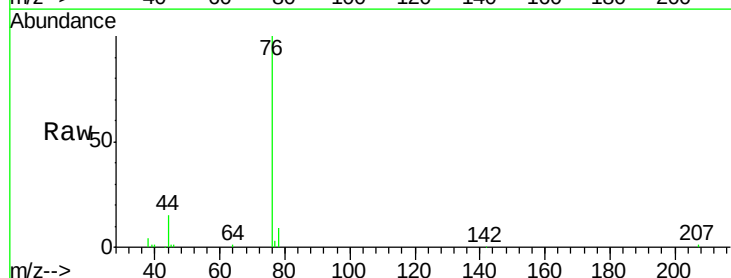
Acq: 16 Jul 2020 14:10

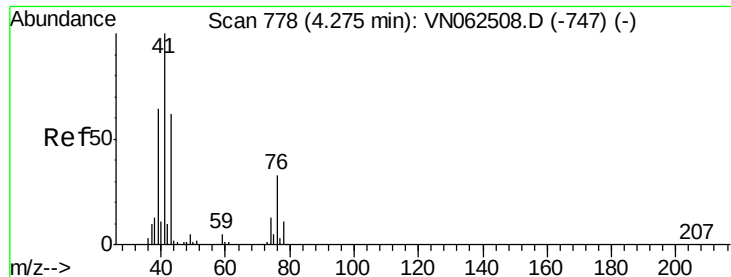
Tgt Ion: 76 Resp: 121916

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

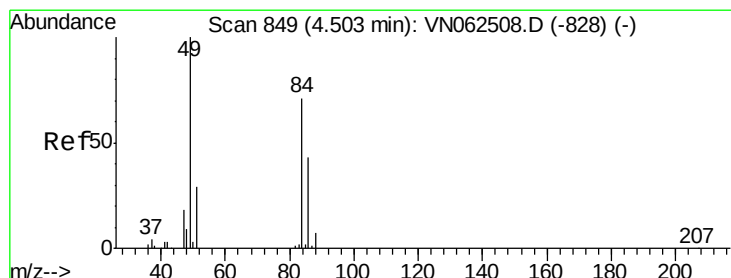
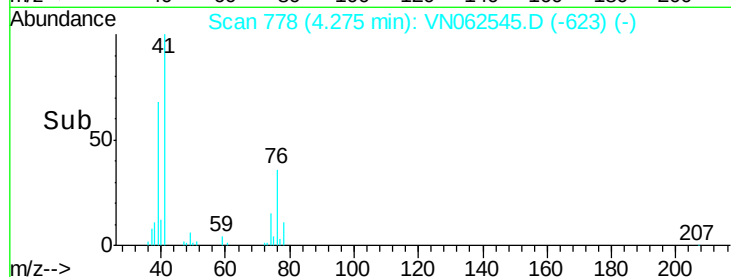
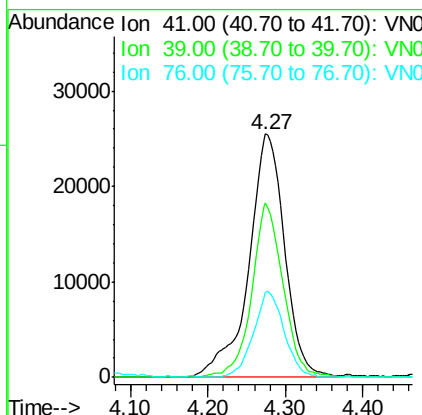
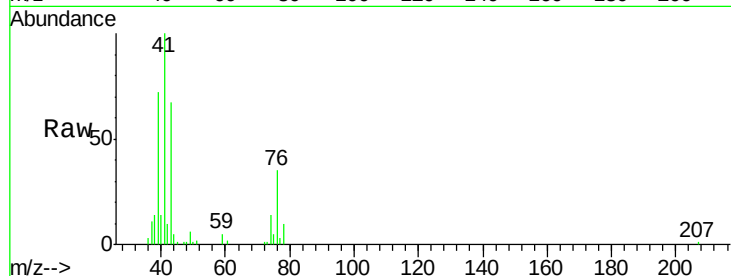




#17
Allvl chloride
Concen: 18.352 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

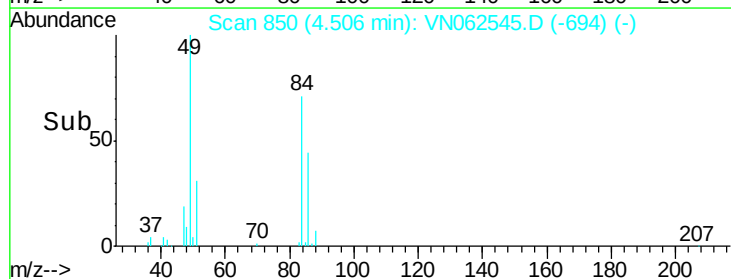
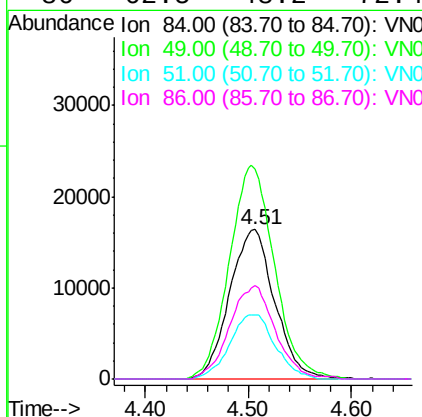
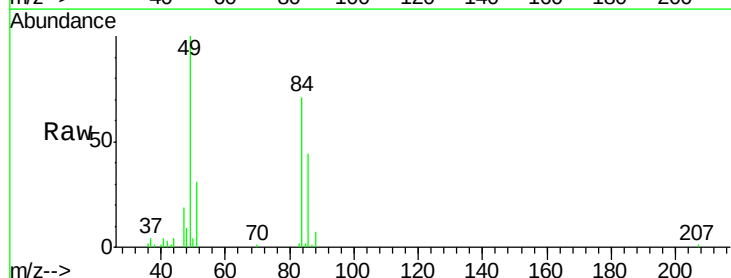
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

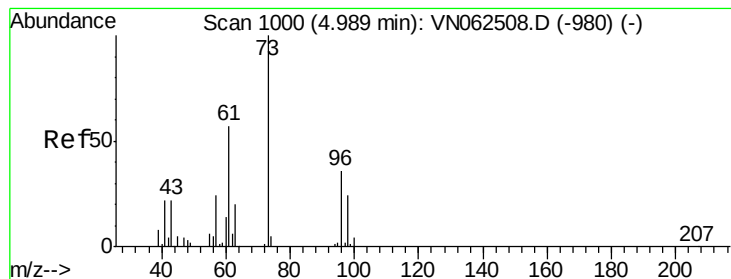
Tot Ion: 41 Resp: 82769
Ion Ratio Lower Upper
41 100
39 71.6 31.9 95.5
76 35.0 16.6 49.8



#18
Methylene Chloride
Concen: 19.107 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 84 Resp: 49858
Ion Ratio Lower Upper
84 100
49 139.4 112.1 168.1
51 43.3 33.0 49.4
86 62.5 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 18.095 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

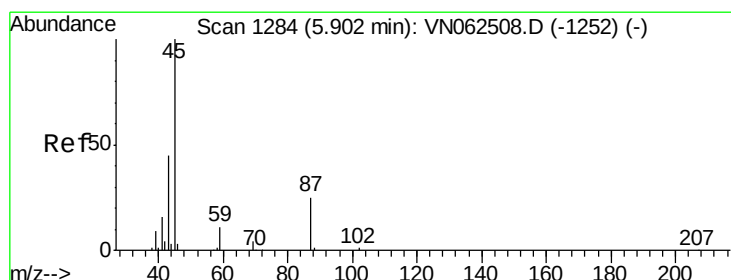
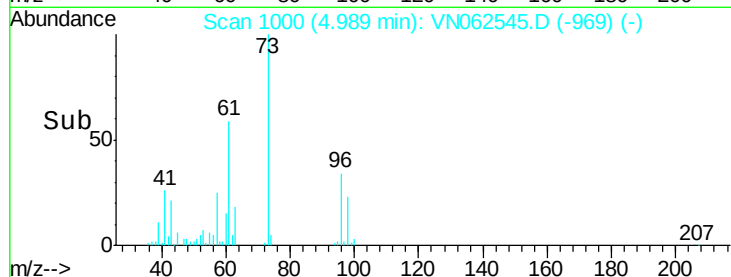
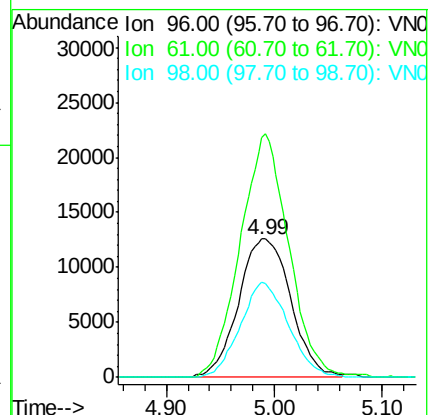
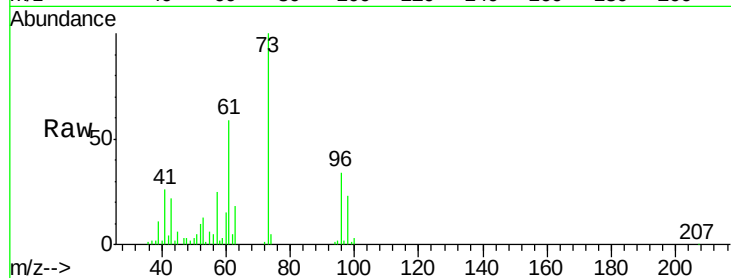
Tot Ion: 96 Resp: 42471

Ion Ratio Lower Upper

96 100

61 173.2 125.7 188.5

98 68.9 54.1 81.1



#20

Diisopropyl ether

Concen: 18.811 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Tgt Ion: 45 Resp: 174405

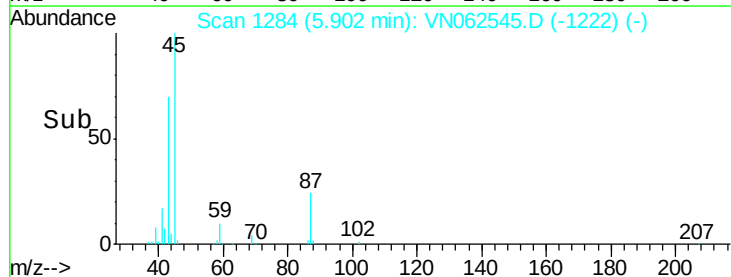
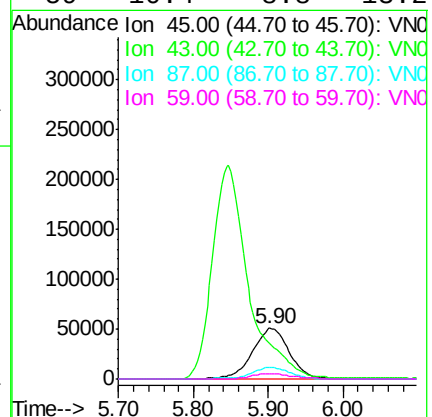
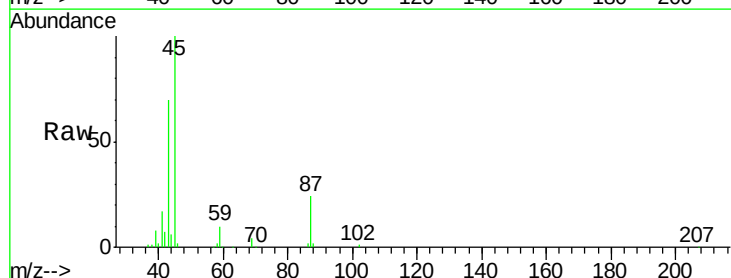
Ion Ratio Lower Upper

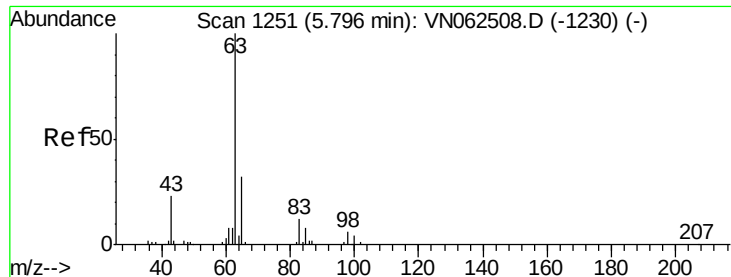
45 100

43 66.9 51.3 76.9

87 24.0 19.8 29.6

59 10.4 8.8 13.2

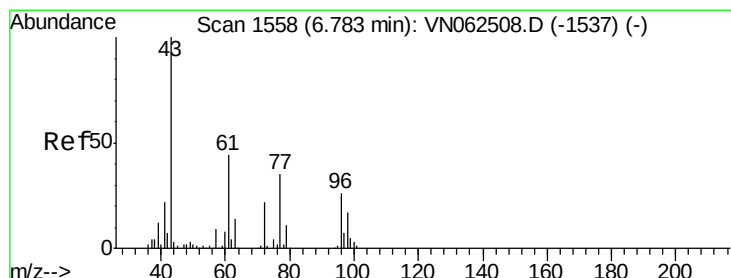
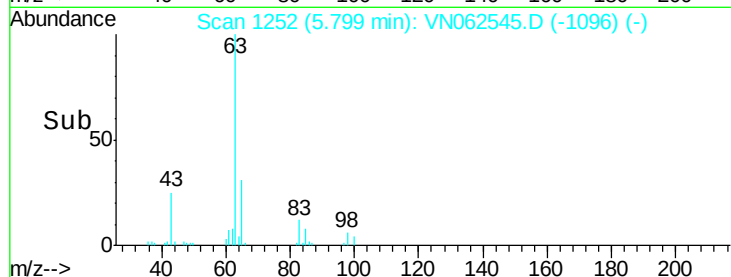
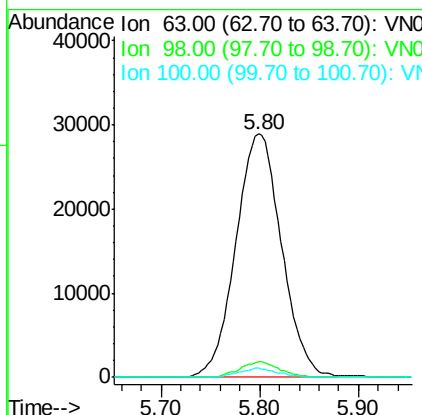
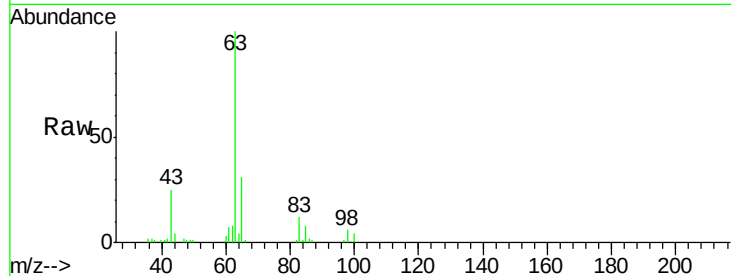




#21
 1,1-Dichloroethane
 Concen: 18.911 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

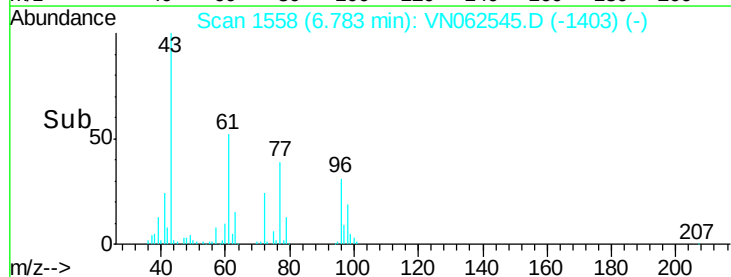
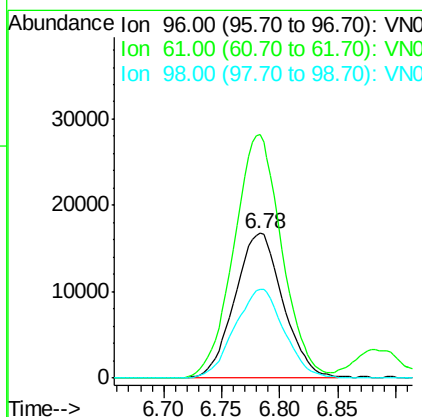
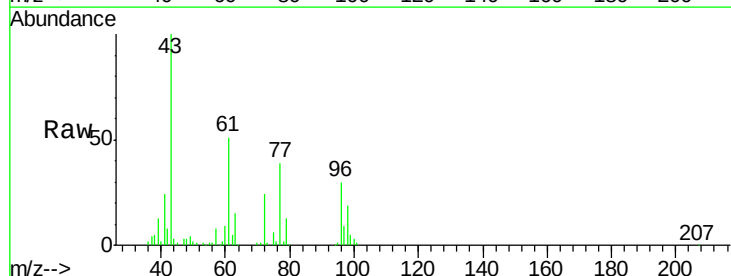
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

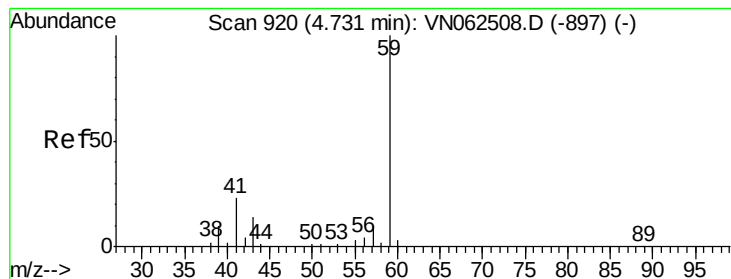
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.8	8.4
100	3.9	2.0	5.8



#22
 cis-1,2-Dichloroethene
 Concen: 18.368 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.4	134.9	202.3
98	62.4	51.5	77.3



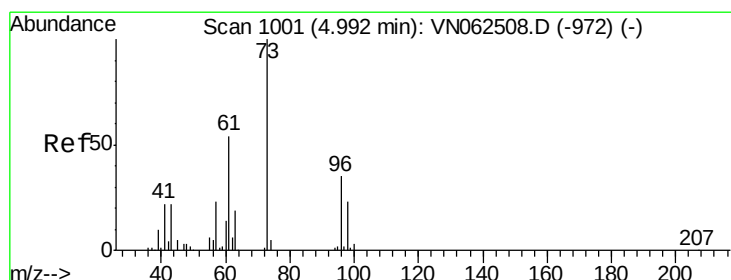
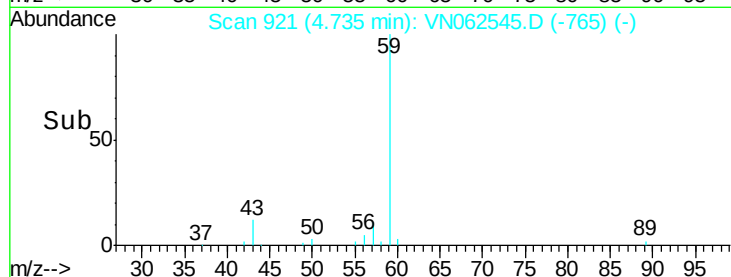
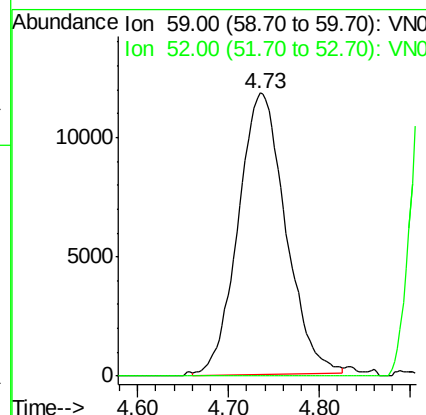
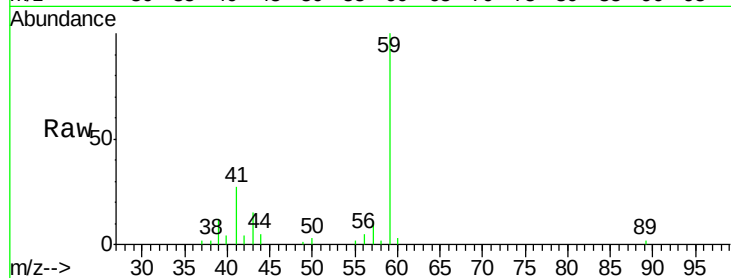


#23

tert-Butyl Alcohol
 Concen: 96.344 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

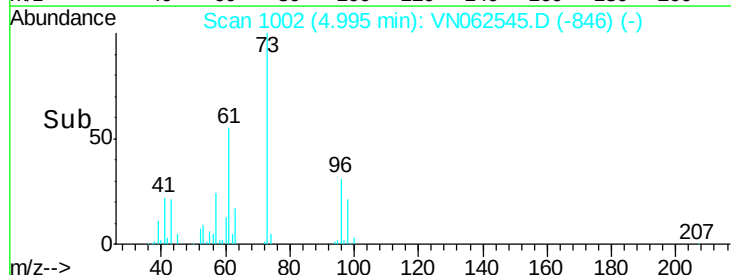
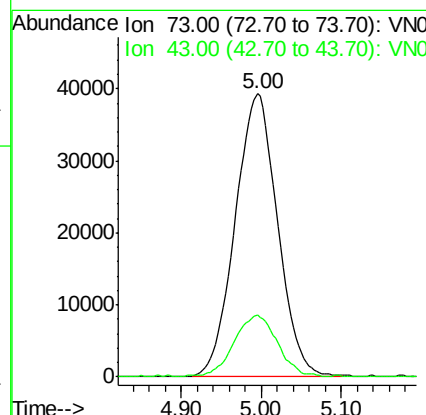
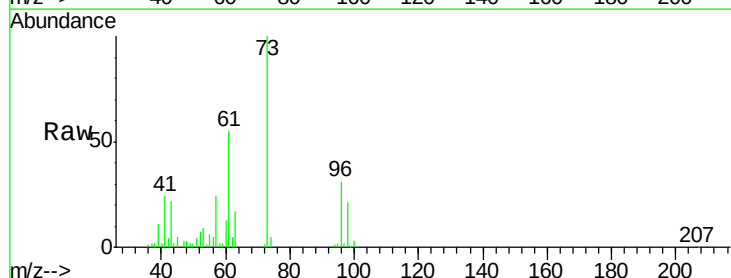
Tot Ion: 59 Resp: 42649
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

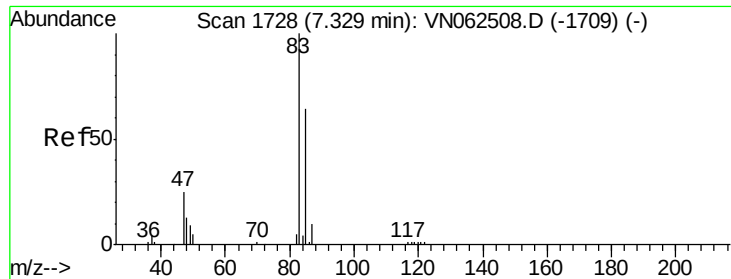


#24

Methyl tert-Butyl Ether
 Concen: 18.141 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion: 73 Resp: 141834
 Ion Ratio Lower Upper
 73 100
 43 22.3 16.9 25.3





#25

Chloroform

Concen: 19.069 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

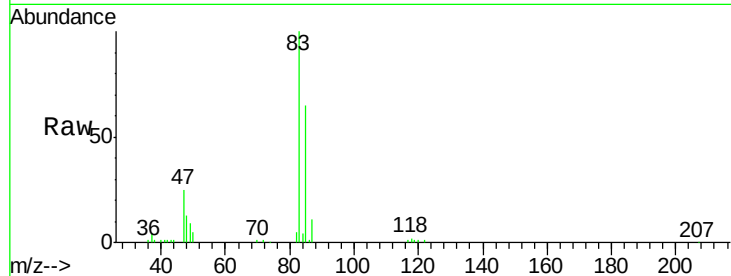
VN0716WBSD01

Tot Ion: 83 Resp: 85721

Ion Ratio Lower Upper

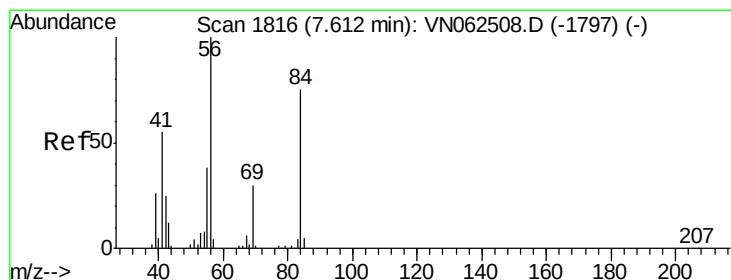
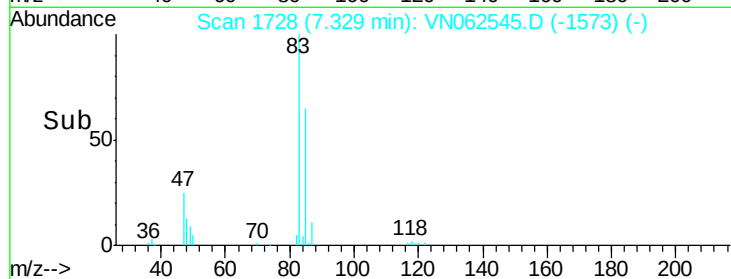
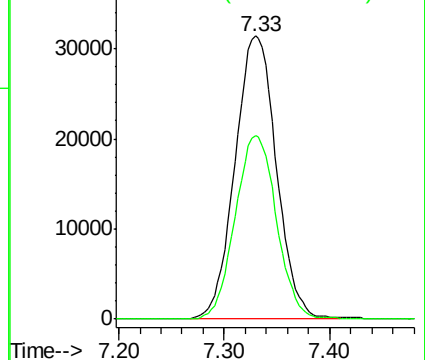
83 100

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: 17.559 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

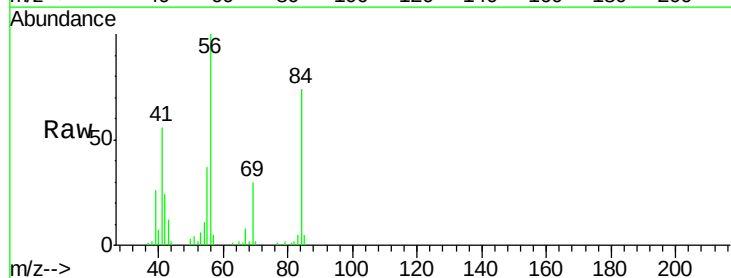
Tgt Ion: 56 Resp: 75864

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

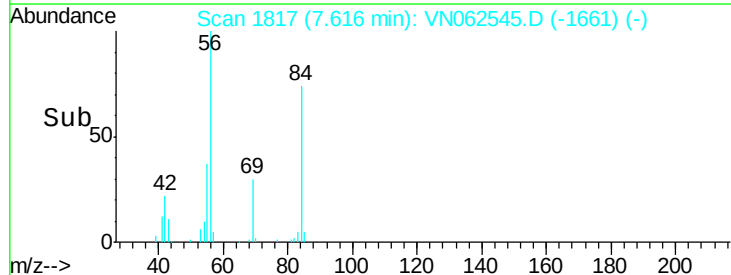
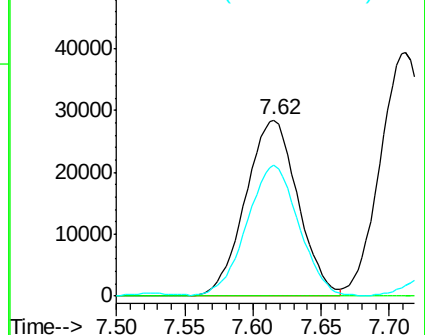
84 74.1 61.1 91.7

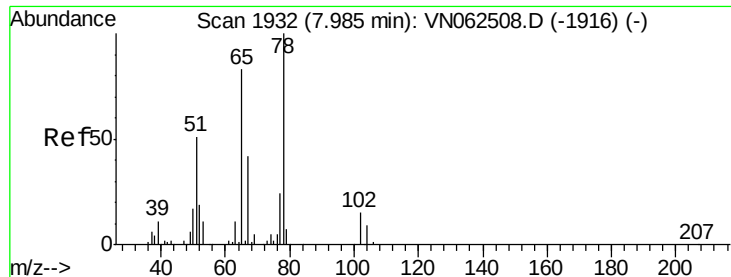


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 29.730 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

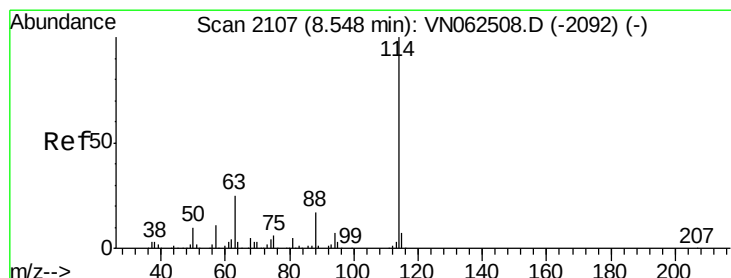
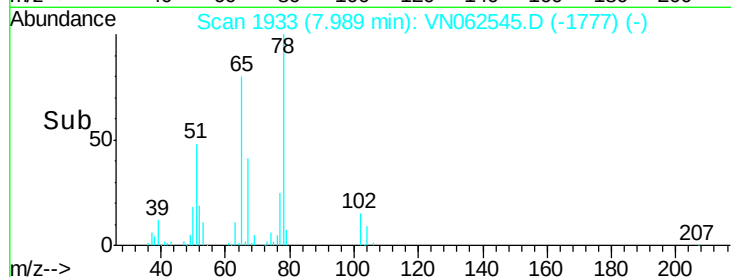
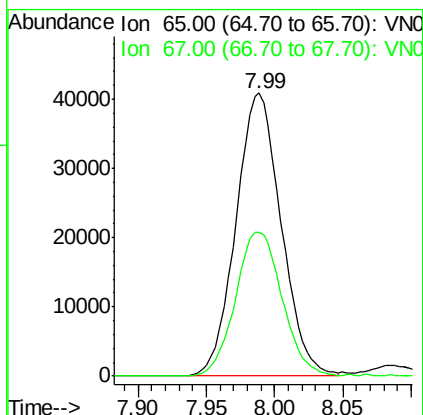
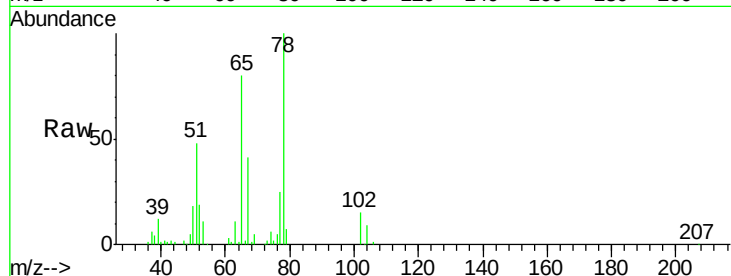
VN0716WBSD01

Tot Ion: 65 Resp: 94054

Ion Ratio Lower Upper

65 100

67 52.5 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: VN062545.D

Acq: 16 Jul 2020 14:10

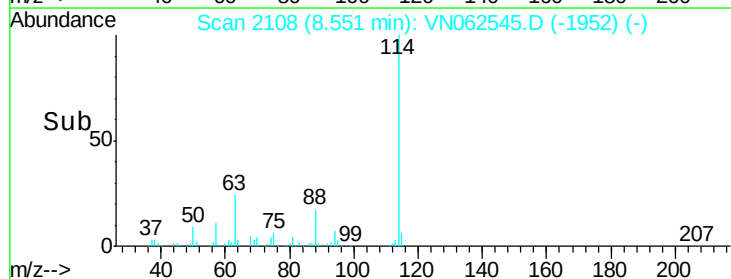
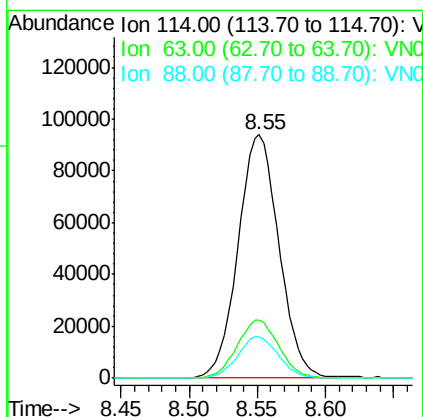
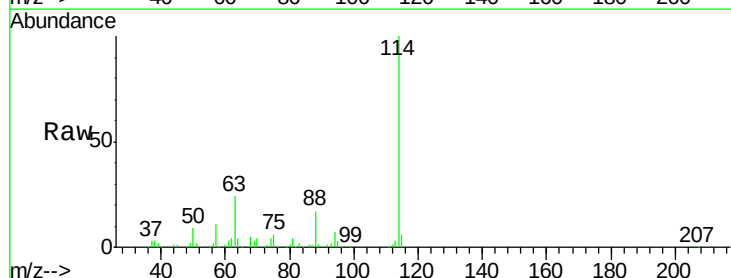
Tgt Ion: 114 Resp: 195388

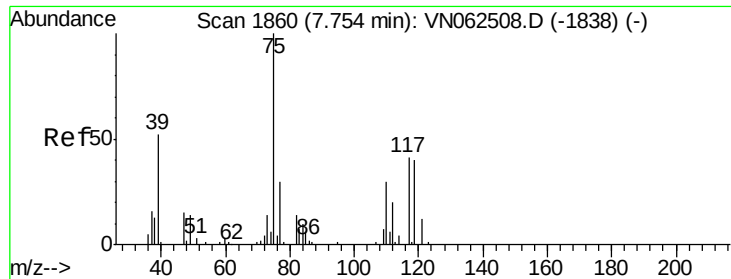
Ion Ratio Lower Upper

114 100

63 24.3 19.4 29.0

88 16.9 13.5 20.3





#29

1,1-Dichloropropene

Concen: 18.849 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

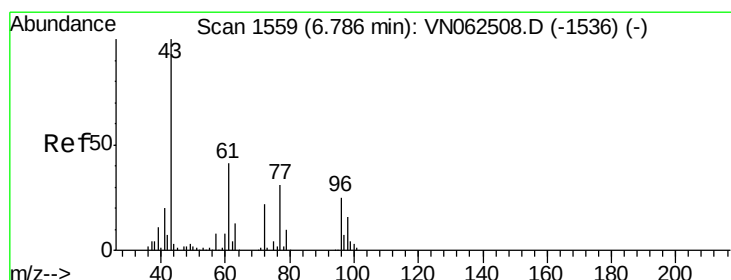
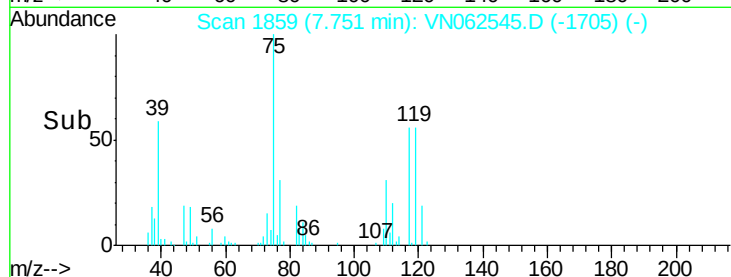
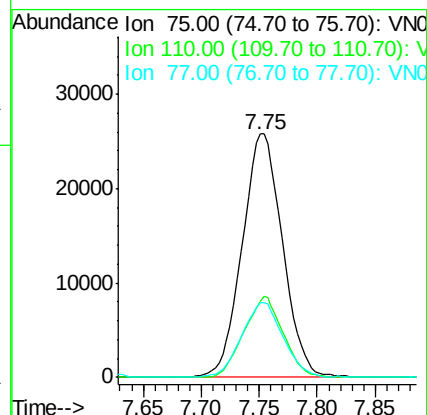
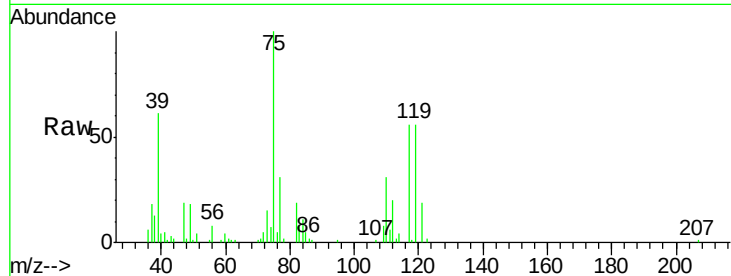
Tot Ion: 75 Resp: 62470

Ion Ratio Lower Upper

75 100

110 32.1 0.0 62.4

77 31.4 0.0 62.8



#30

2-Butanone

Concen: 95.747 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

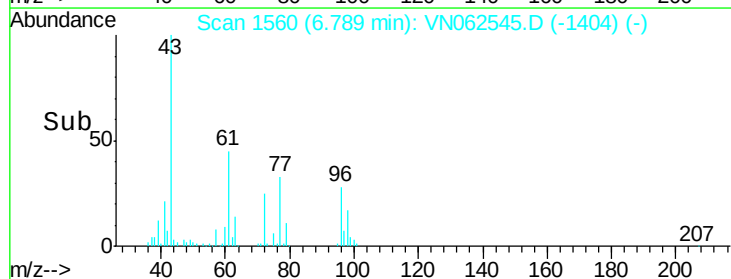
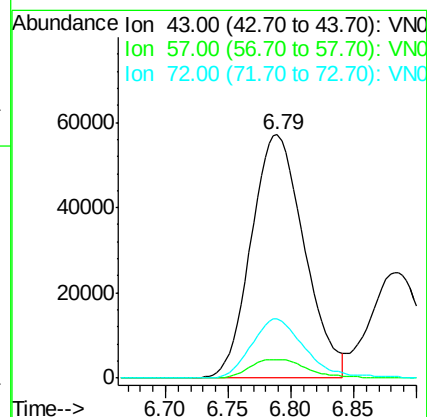
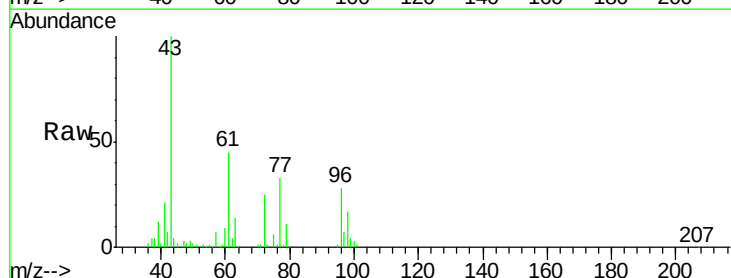
Tgt Ion: 43 Resp: 168292

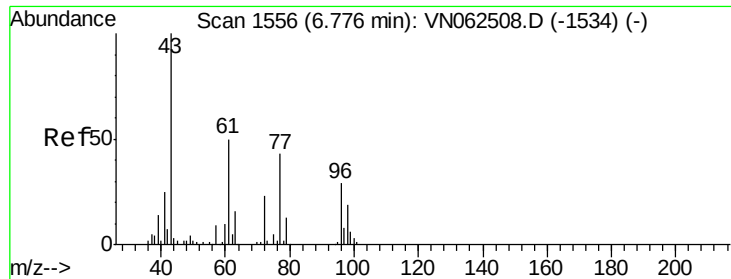
Ion Ratio Lower Upper

43 100

57 4.1 6.6 9.8#

72 23.9 18.5 27.7





#31

2,2-Dichloropropane

Concen: 19.065 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

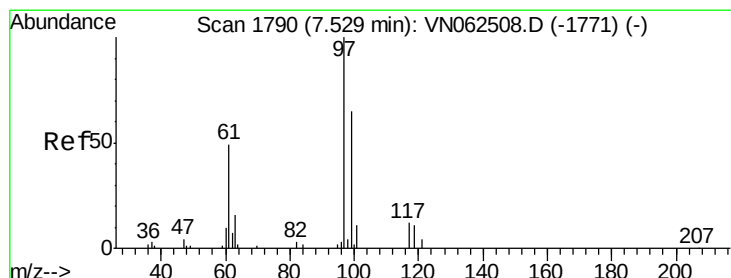
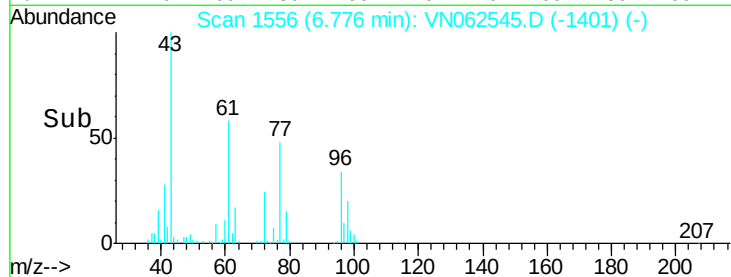
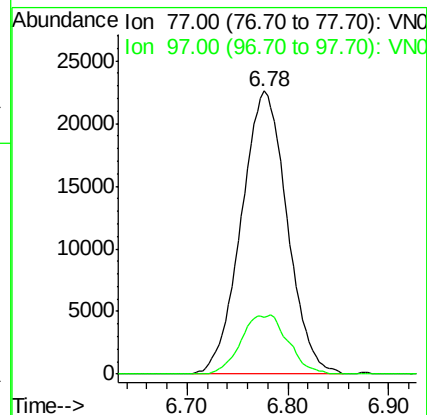
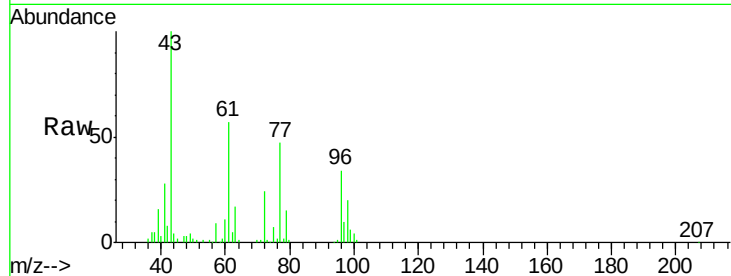
VN0716WBSD01

Tot Ion: 77 Resp: 71247

Ion Ratio Lower Upper

77 100

97 11.1 8.6 12.8



#32

1,1,1-Trichloroethane

Concen: 19.604 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

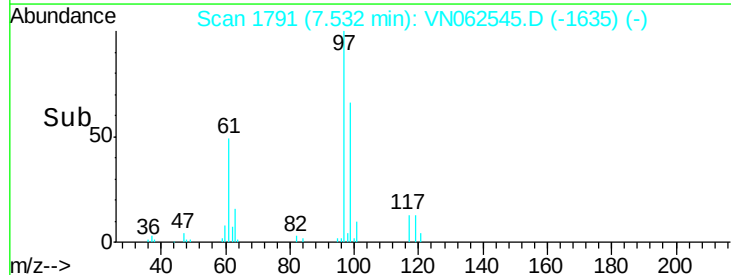
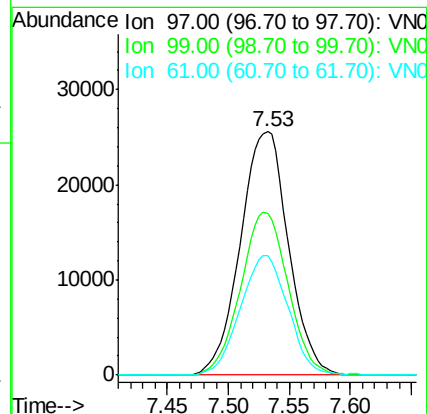
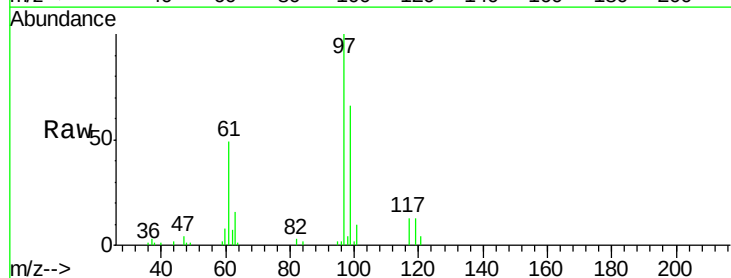
Tgt Ion: 97 Resp: 69831

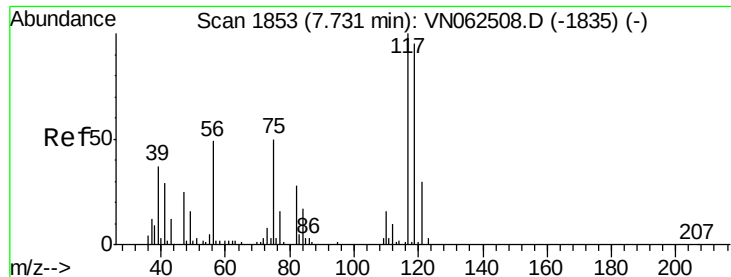
Ion Ratio Lower Upper

97 100

99 65.8 51.8 77.8

61 48.6 39.4 59.0

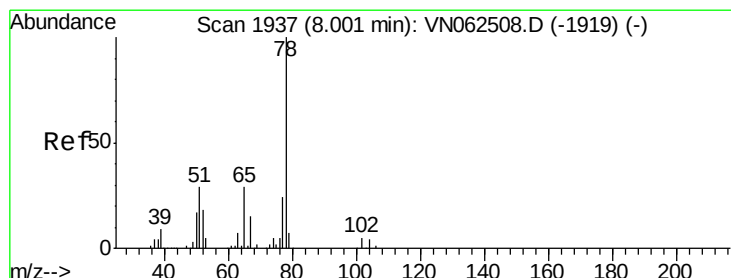
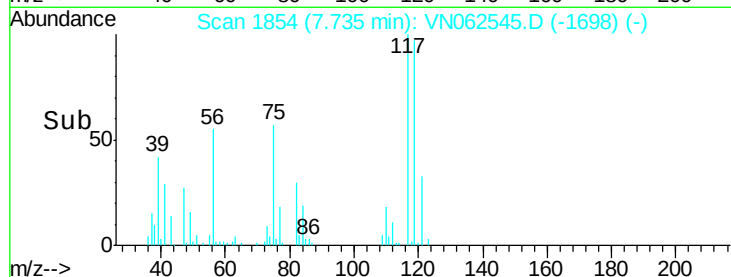
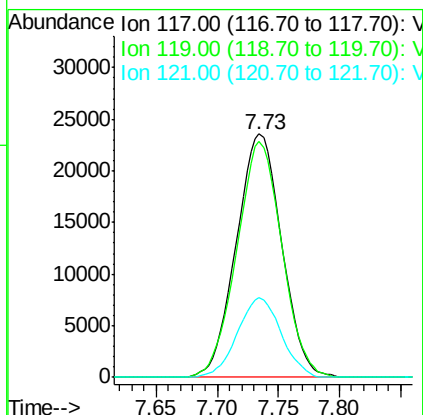
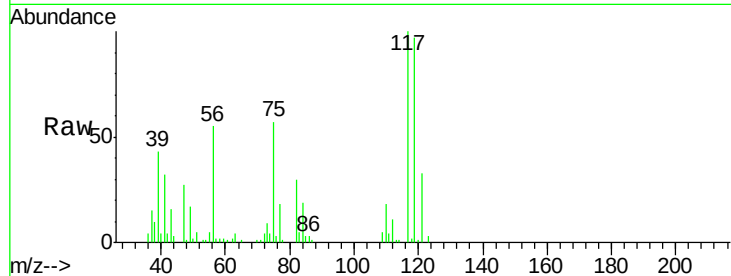




#33
Carbon Tetrachloride
Concen: 19.672 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

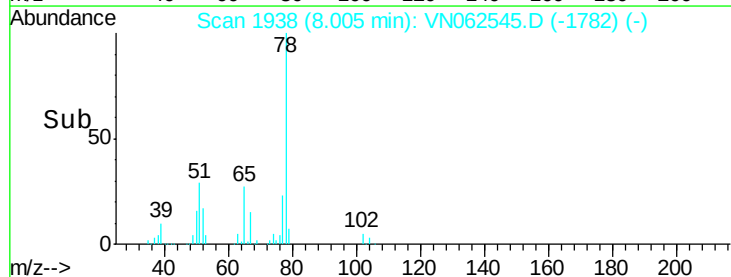
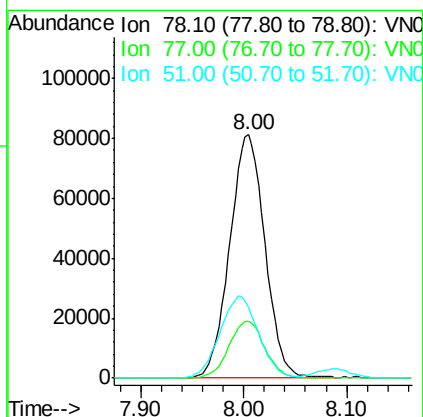
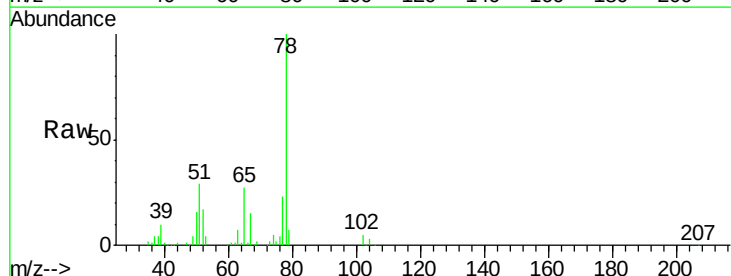
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

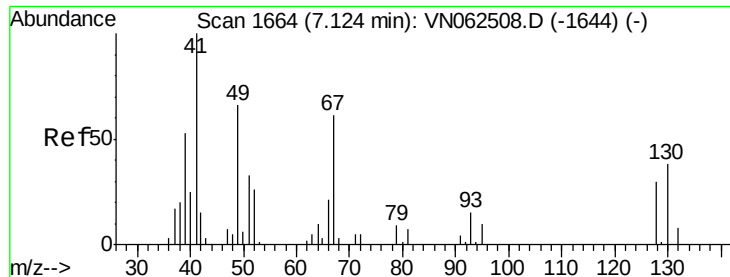
Tot Ion:117 Resp: 60746
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.4
121 32.6 23.8 35.6



#34
Benzene
Concen: 19.642 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 78 Resp: 193400
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3
51 28.5 23.1 34.7

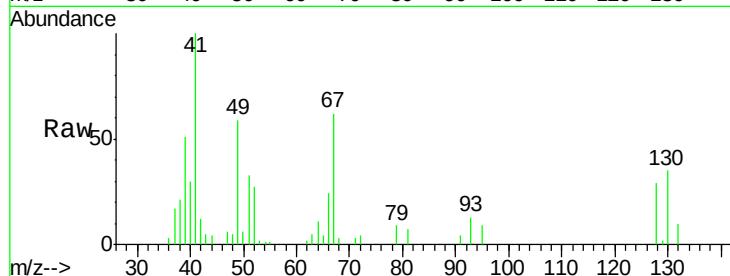




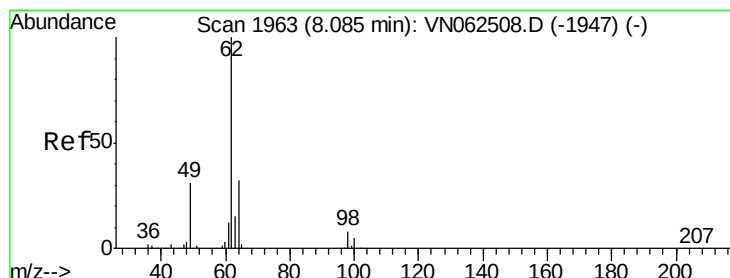
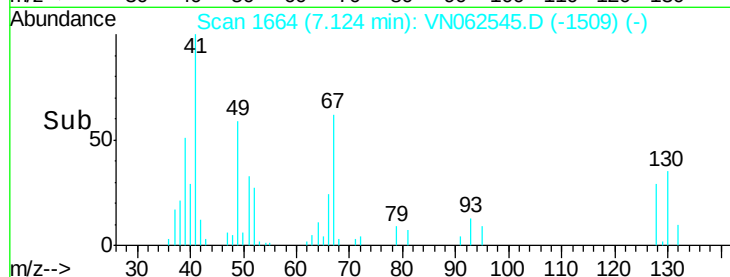
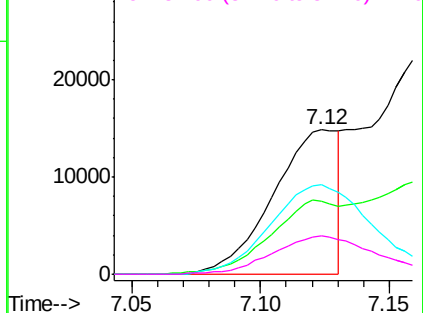
#35
Methacrylonitrile
Concen: 16.921 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

Tot Ion:	41	Resp:	26125
Ion	Ratio	Lower	Upper
41	100		
39	49.4	26.5	79.5
67	61.7	30.7	92.1
52	25.6	13.0	39.0

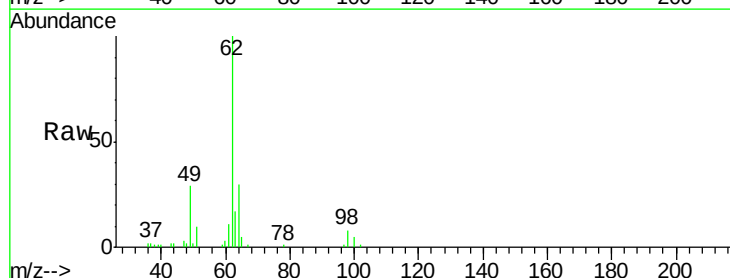


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

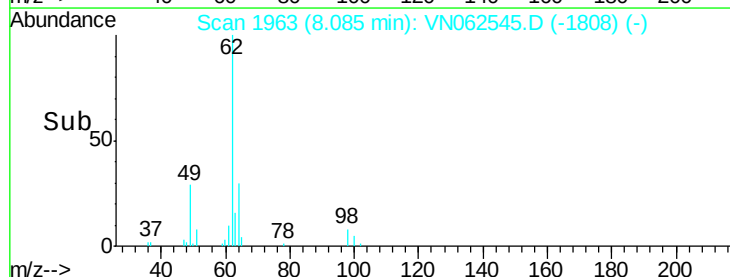
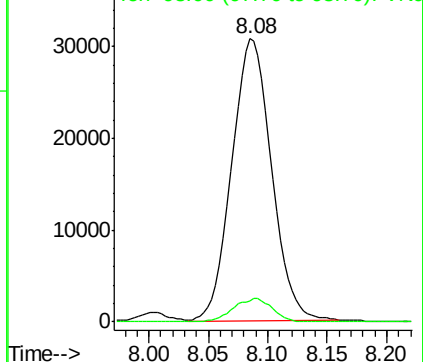


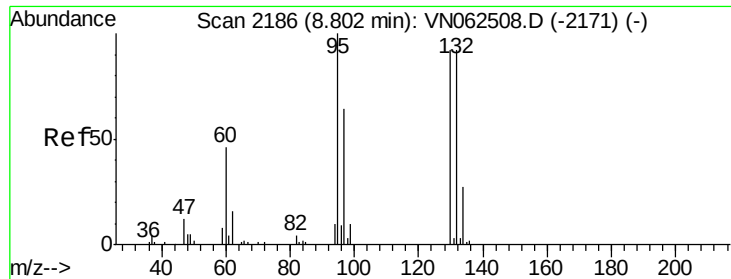
#36
1,2-Dichloroethane
Concen: 20.173 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion:	62	Resp:	71392
Ion	Ratio	Lower	Upper
62	100		
98	8.2	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: 19.650 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

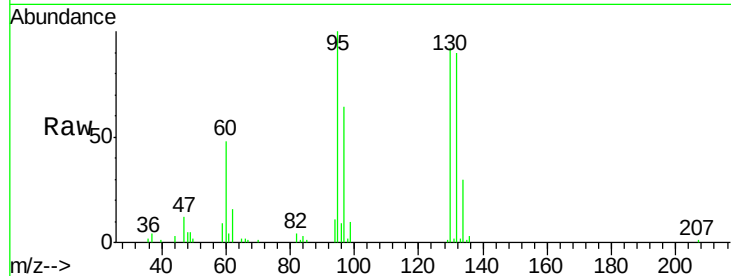
VN0716WBSD01

Tot Ion:130 Resp: 43458

Ion Ratio Lower Upper

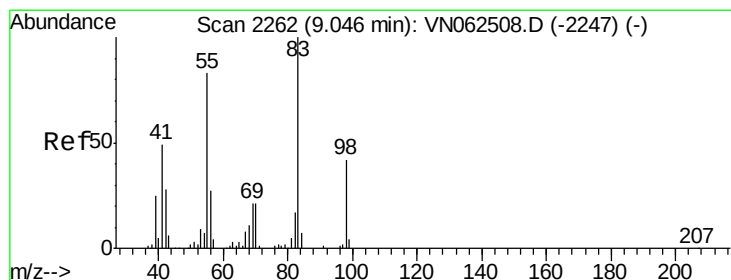
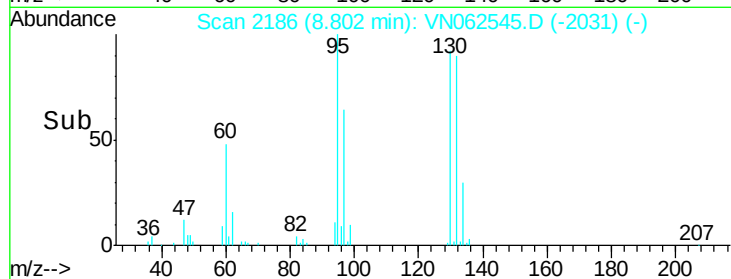
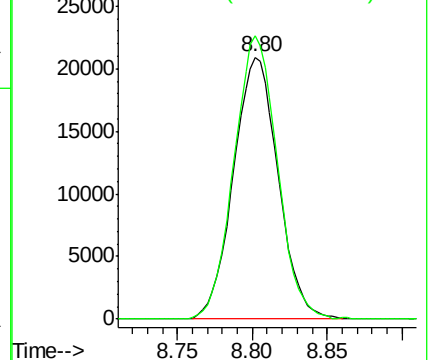
130 100

95 107.4 86.5 129.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 18.060 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

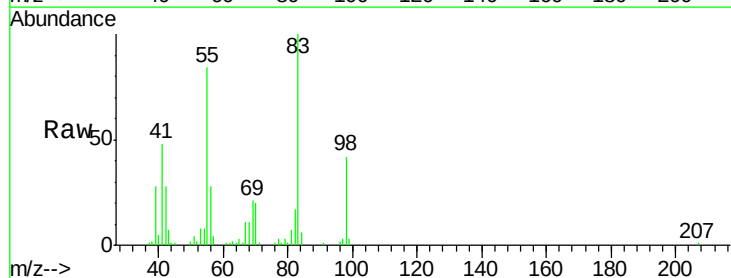
Tgt Ion: 83 Resp: 67144

Ion Ratio Lower Upper

83 100

55 85.6 42.8 128.3

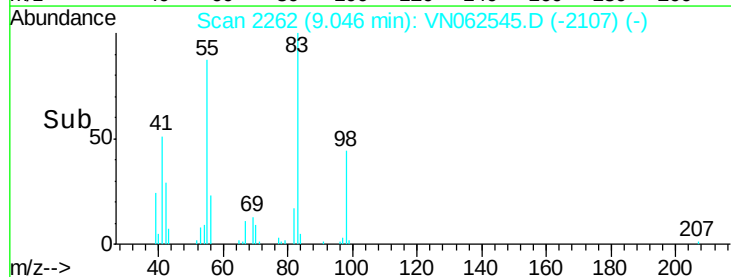
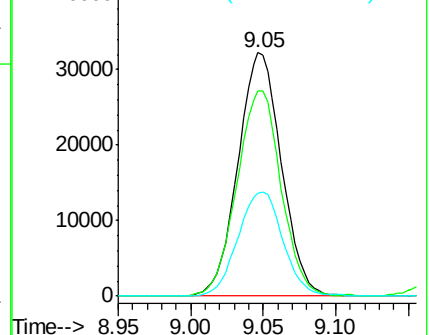
98 44.2 21.9 65.7

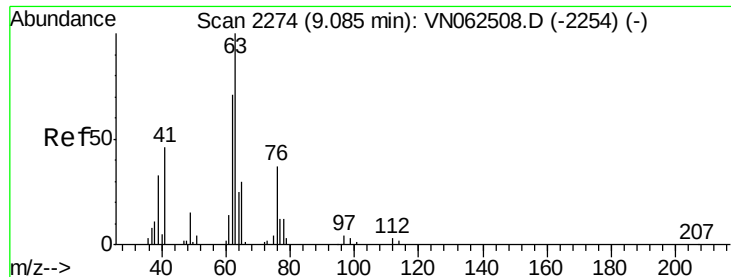


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 19.970 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

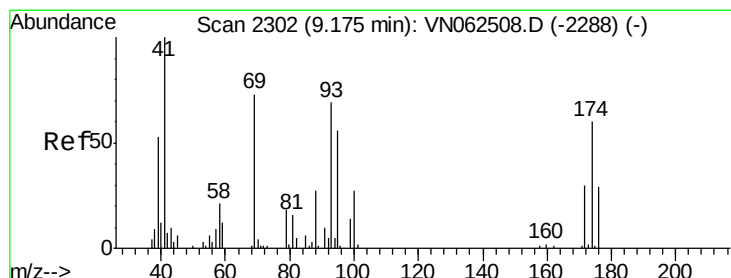
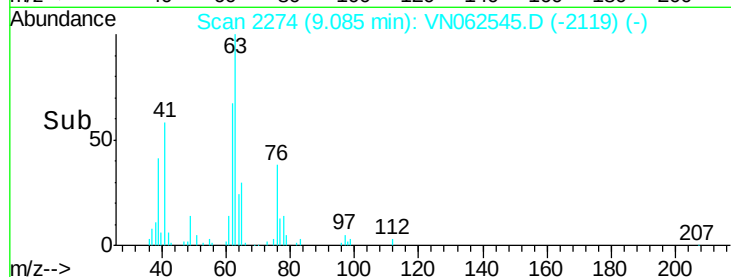
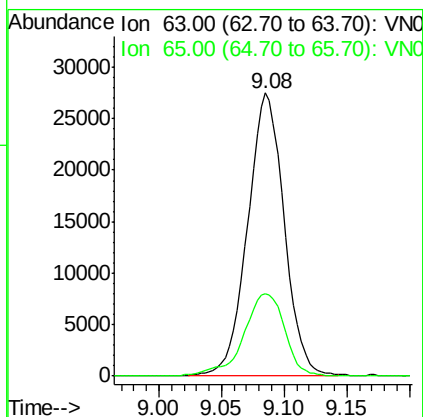
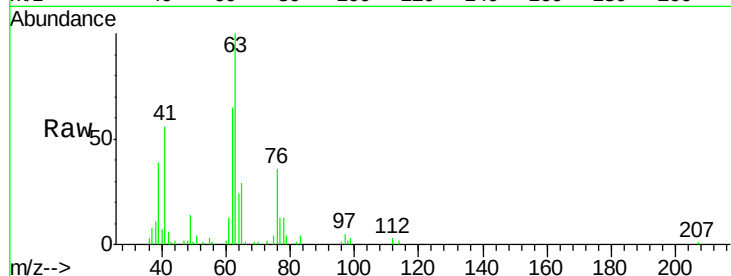
VN0716WBSD01

Tot Ion: 63 Resp: 56019

Ion Ratio Lower Upper

63 100

65 29.1 24.2 36.4



#40

Dibromomethane

Concen: 20.504 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

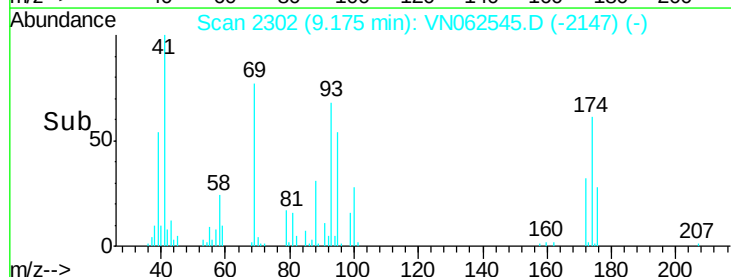
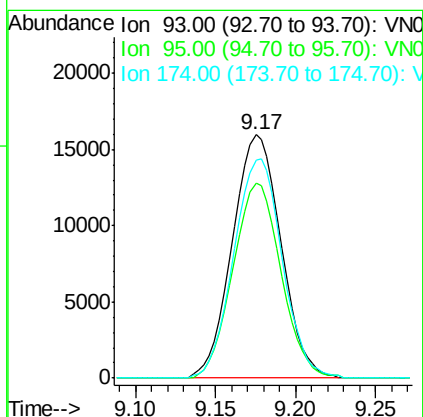
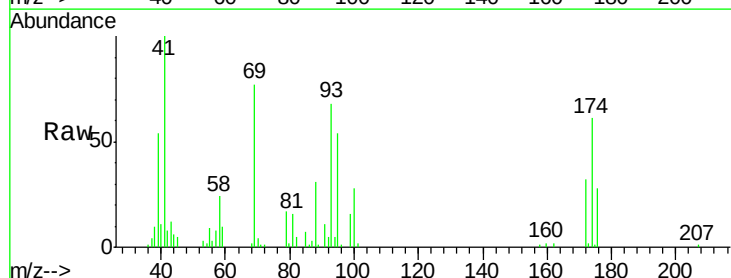
Tgt Ion: 93 Resp: 33147

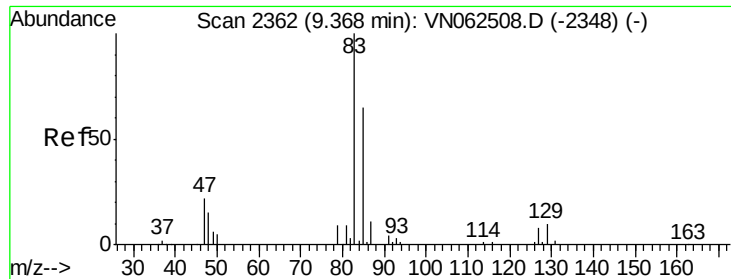
Ion Ratio Lower Upper

93 100

95 79.2 0.0 161.2

174 89.9 0.0 178.0





#41

Bromodichloromethane

Concen: 19.768 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

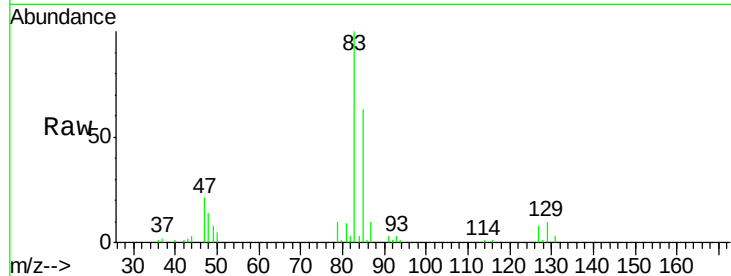
Tot Ion: 83 Resp: 67782

Ion Ratio Lower Upper

83 100

85 62.8 51.6 77.4

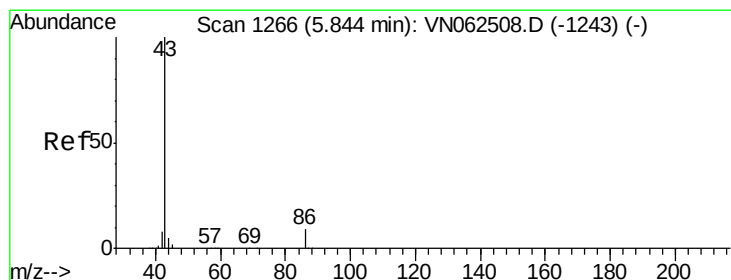
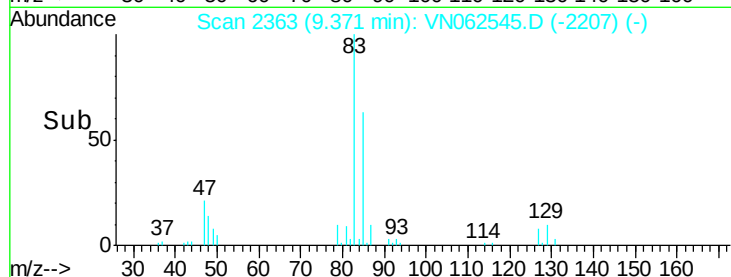
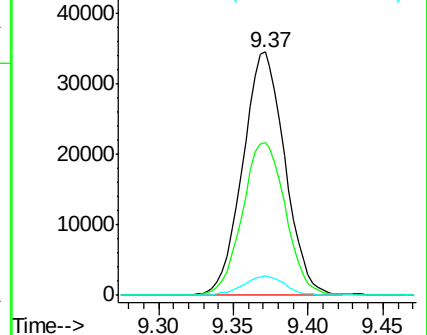
127 7.9 6.3 9.5



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: 98.604 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062545.D

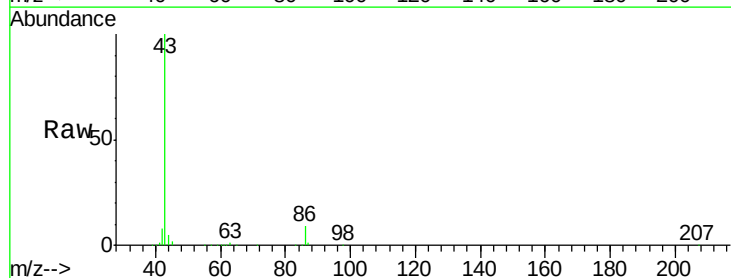
Acq: 16 Jul 2020 14:10

Tgt Ion: 43 Resp: 720200

Ion Ratio Lower Upper

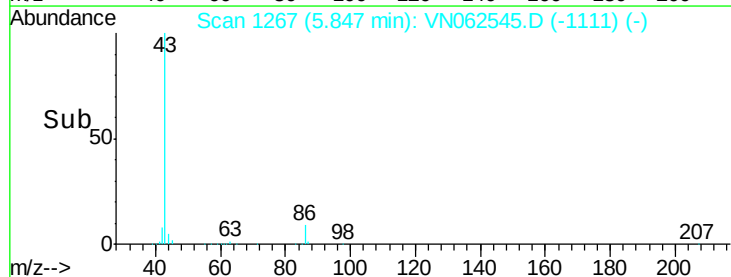
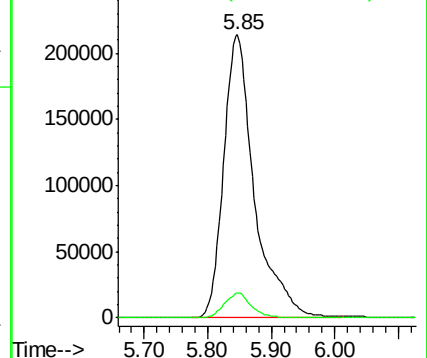
43 100

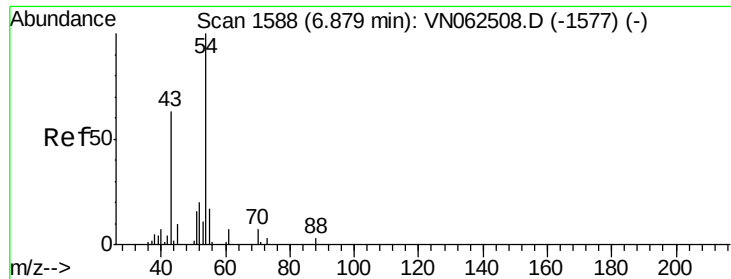
86 7.7 6.1 9.1



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

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

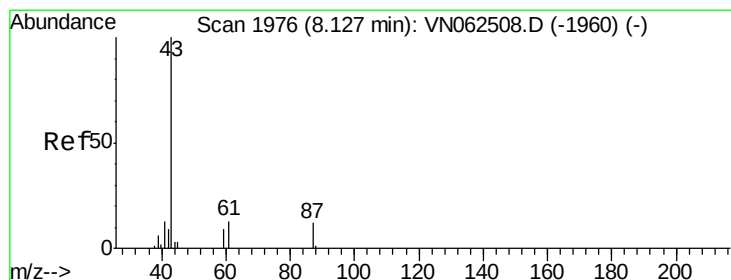
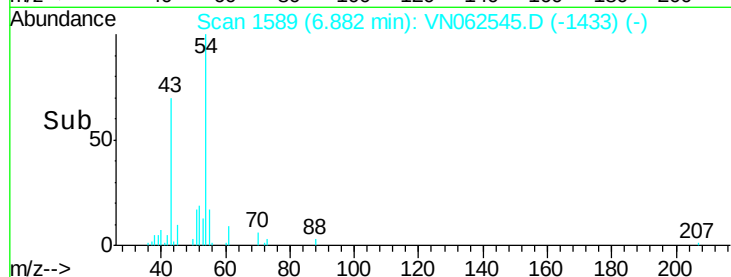
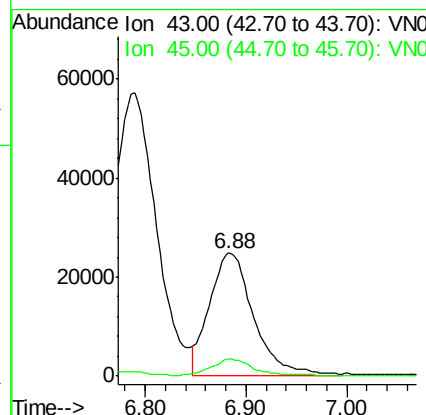
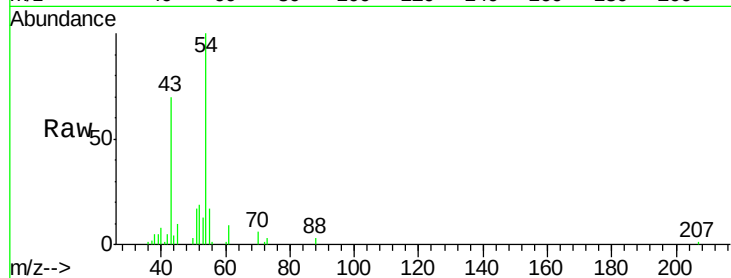




#43
Ethyl Acetate
Concen: 21.268 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

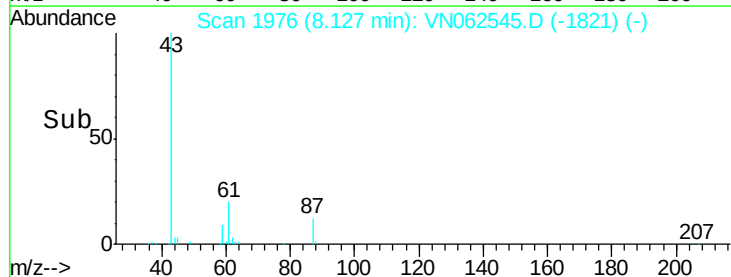
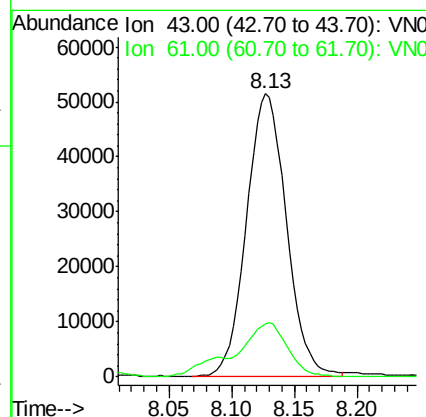
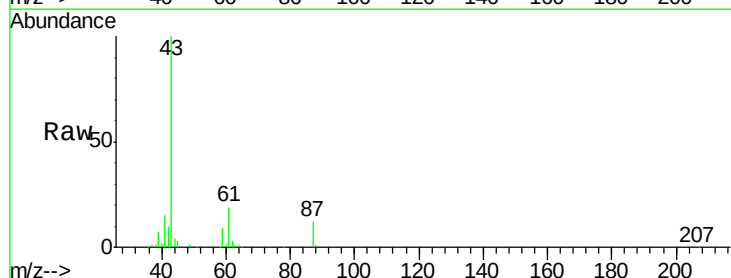
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

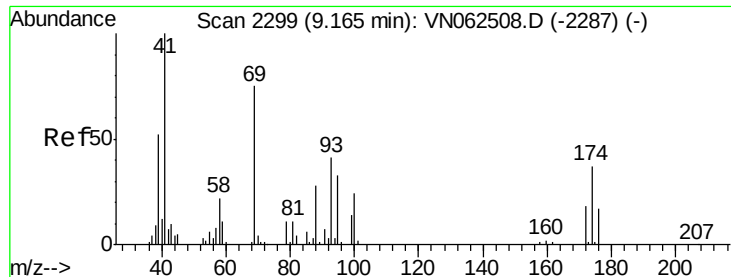
Tot Ion: 43 Resp: 75157
Ion Ratio Lower Upper
43 100
45 12.0 10.2 15.4



#44
Isopropyl Acetate
Concen: 19.295 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 43 Resp: 114396
Ion Ratio Lower Upper
43 100
61 19.9 14.7 22.1

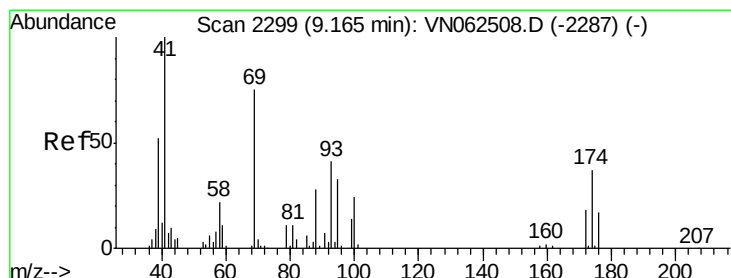
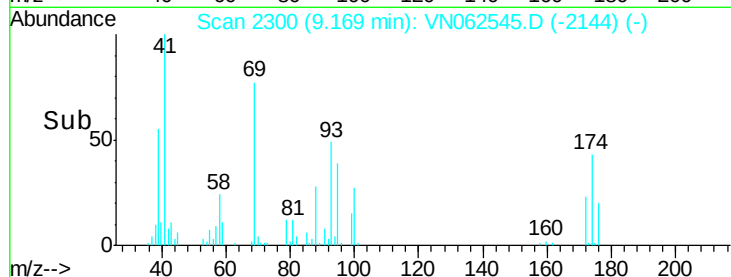
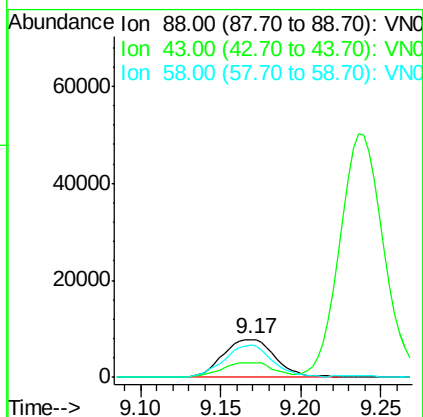
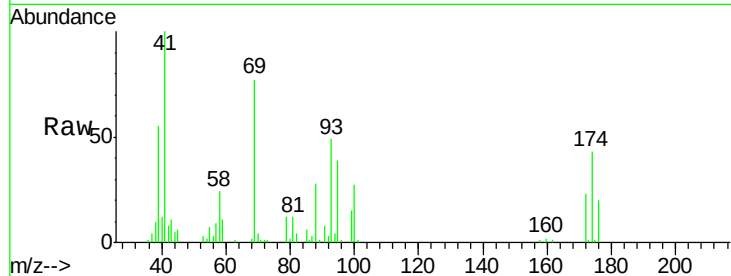




#45
1,4-Dioxane
Concen: 433.679 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

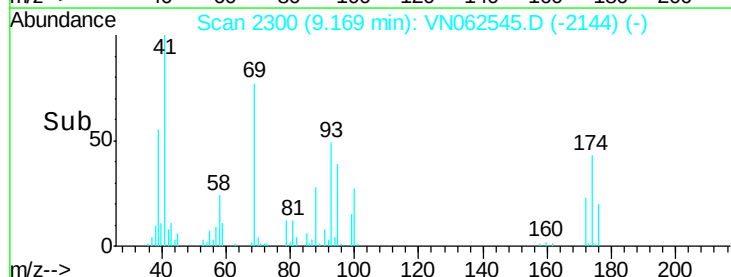
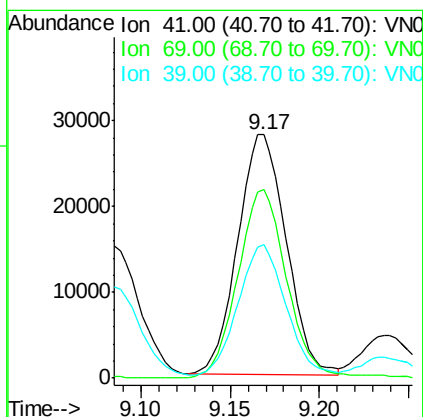
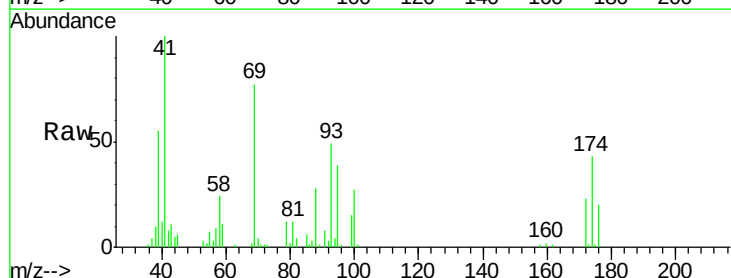
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

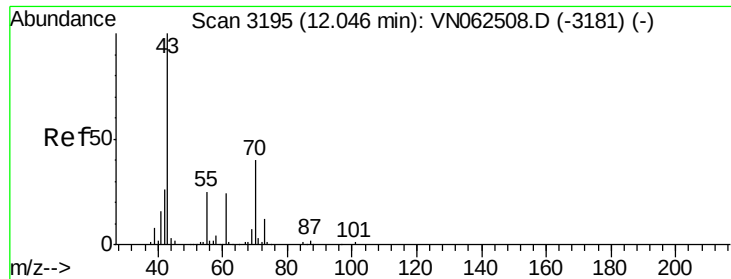
Tot Ion: 88 Resp: 17589
Ion Ratio Lower Upper
88 100
43 39.4 29.2 43.8
58 78.7 62.2 93.4



#46
Methyl methacrylate
Concen: 18.843 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 41 Resp: 53002
Ion Ratio Lower Upper
41 100
69 78.7 37.4 112.2
39 54.2 25.9 77.6





#47

n-amvl Acetate

Concen: 18.721 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

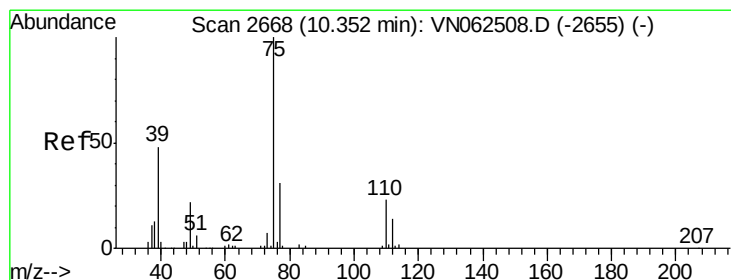
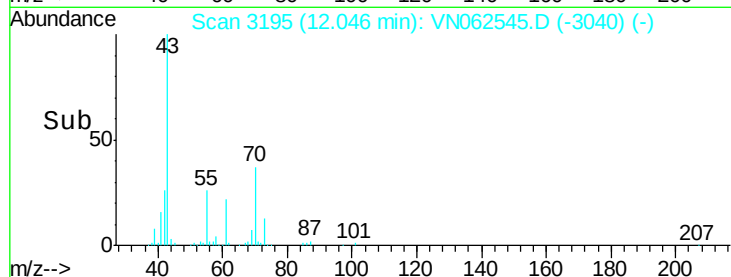
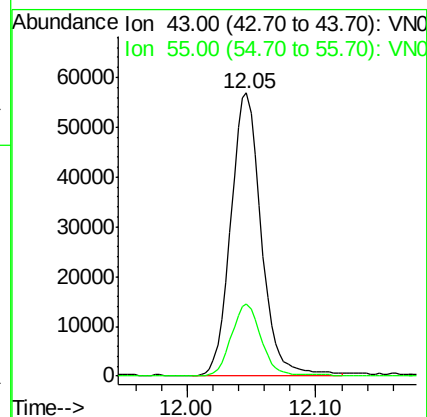
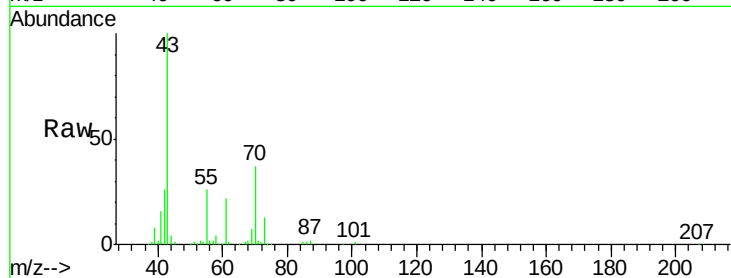
VN0716WBSD01

Tot Ion: 43 Resp: 93563

Ion Ratio Lower Upper

43 100

55 24.9 20.4 30.6



#48

t-1,3-Dichloropropene

Concen: 18.993 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062545.D

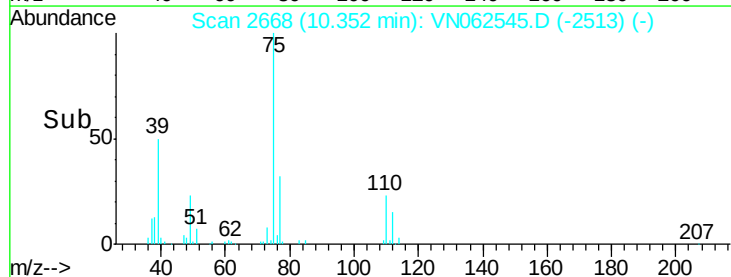
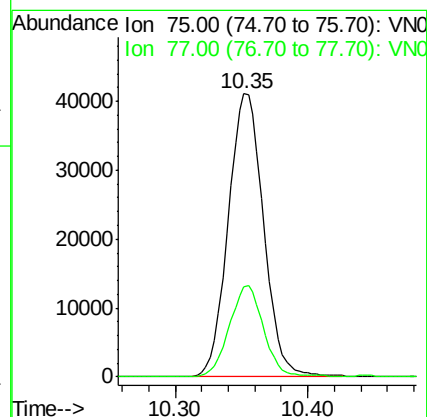
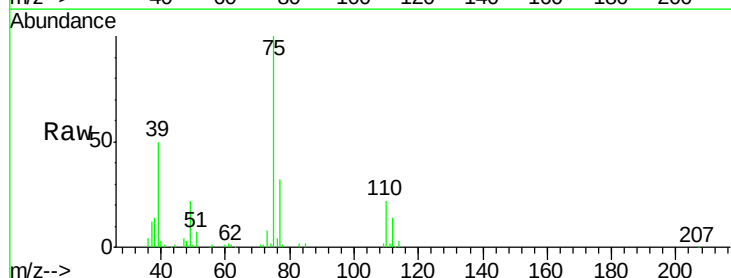
Acq: 16 Jul 2020 14:10

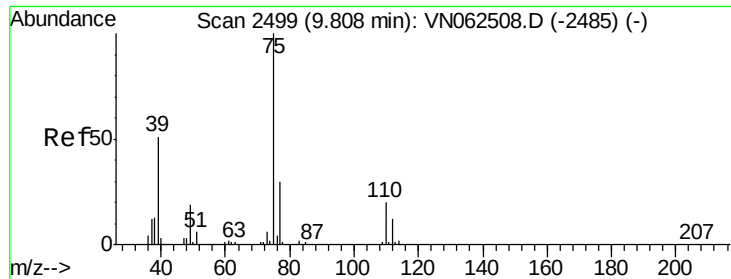
Tgt Ion: 75 Resp: 75961

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4





#49

cis-1,3-Dichloropropene

Concen: 19.271 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

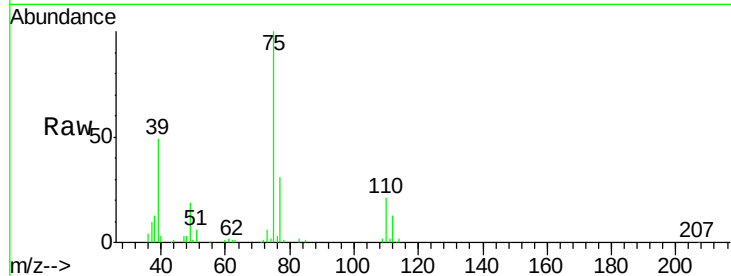
Tot Ion: 75 Resp: 83197

Ion Ratio Lower Upper

75 100

77 31.3 23.7 35.5

39 49.2 40.5 60.7

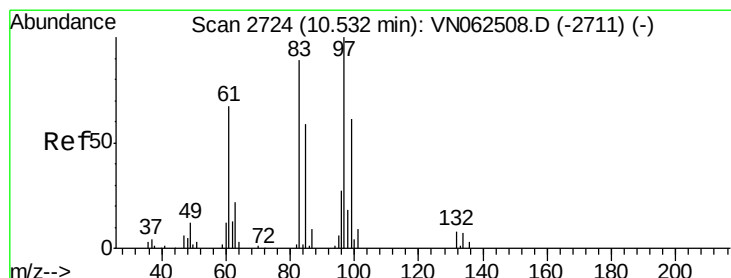
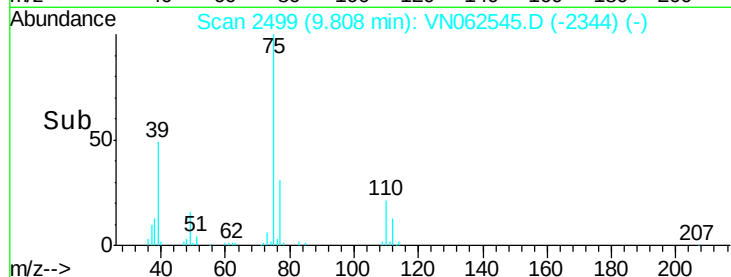
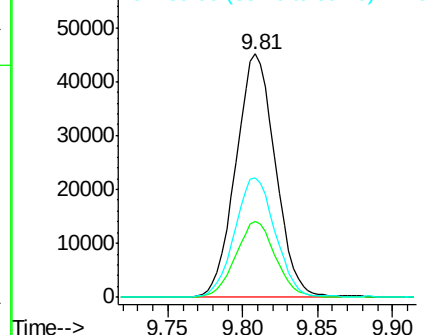


Abundance

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: 20.008 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Tgt Ion: 97 Resp: 45340

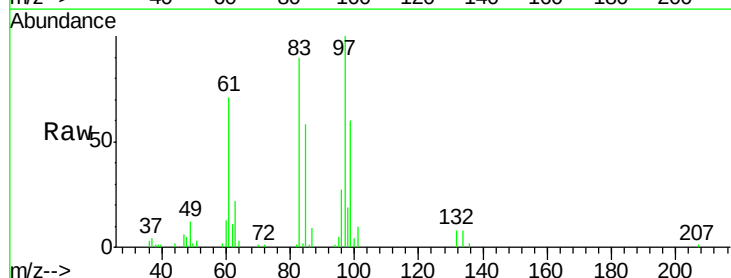
Ion Ratio Lower Upper

97 100

83 89.7 71.3 106.9

85 58.5 47.2 70.8

99 60.3 48.4 72.6



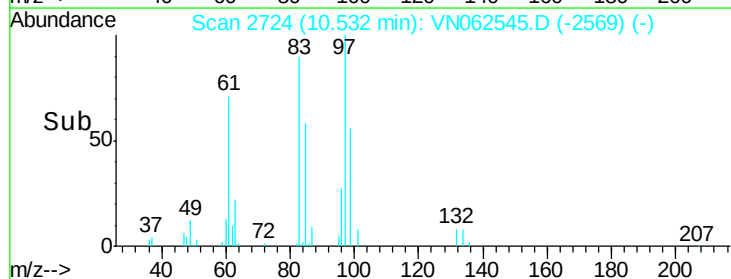
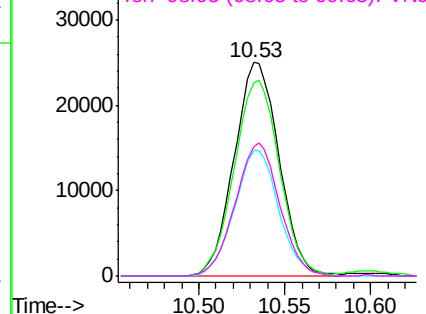
Abundance

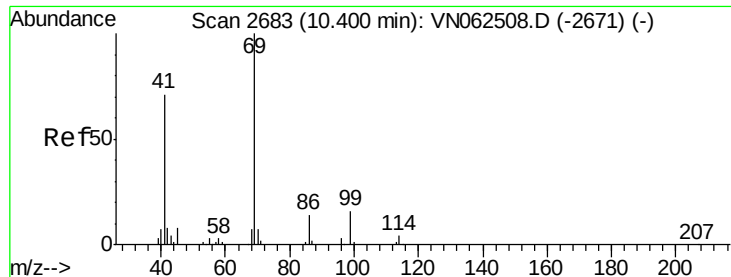
Ion 97.00 (96.70 to 97.70): VN0

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: 19.041 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

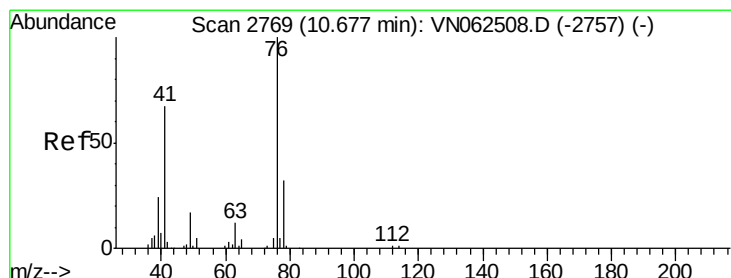
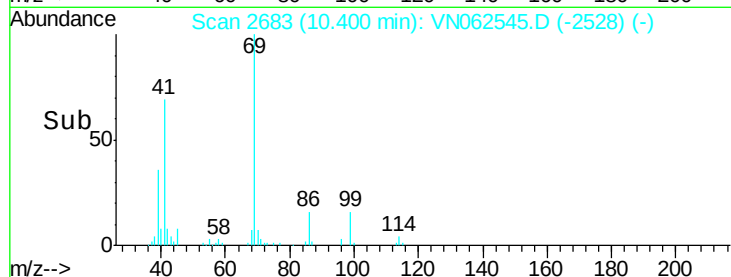
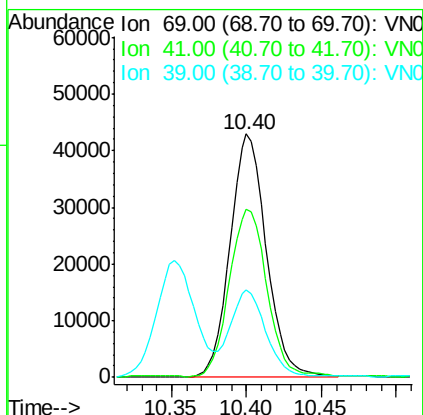
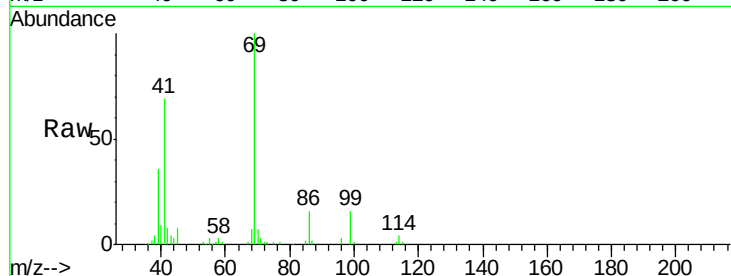
Tot Ion: 69 Resp: 72645

Ion Ratio Lower Upper

69 100

41 68.7 35.6 106.8

39 35.3 17.2 51.5



#52

1,3-Dichloropropane

Concen: 19.819 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062545.D

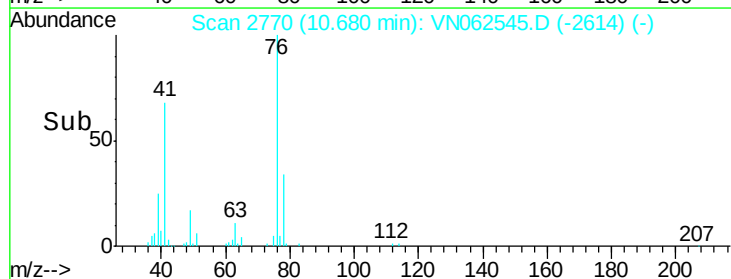
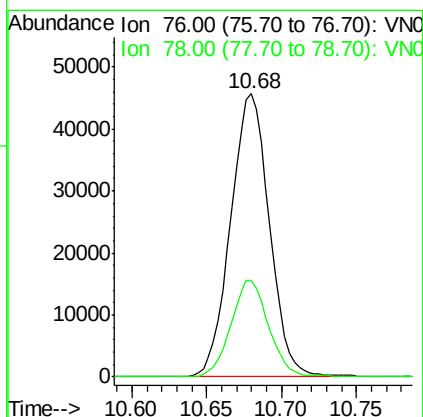
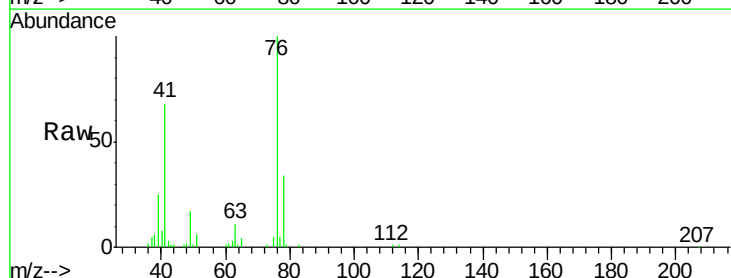
Acq: 16 Jul 2020 14:10

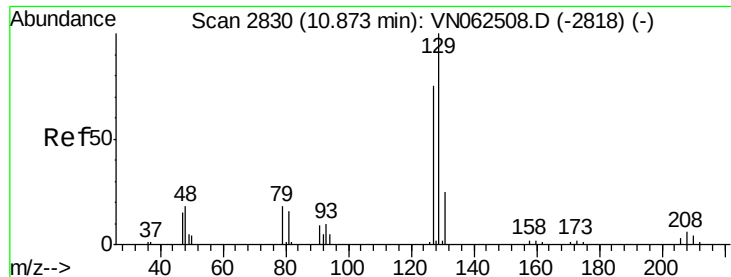
Tgt Ion: 76 Resp: 82426

Ion Ratio Lower Upper

76 100

78 32.9 0.0 63.6

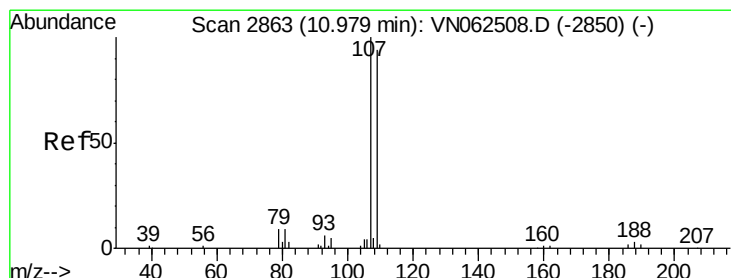
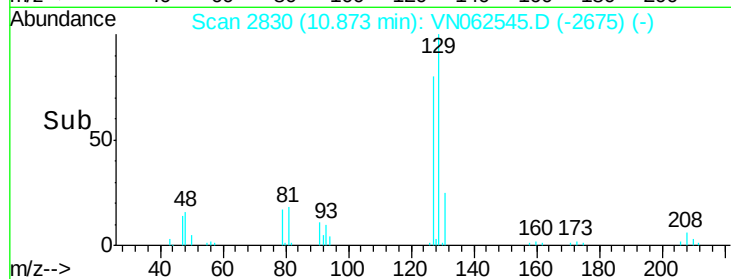
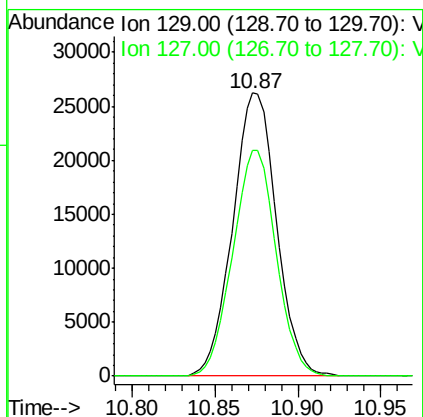
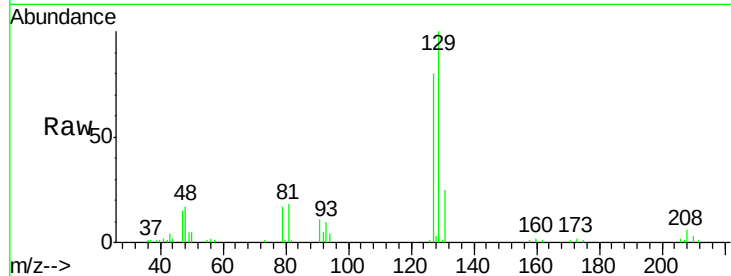




#53
Dibromochloromethane
Concen: 19.532 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

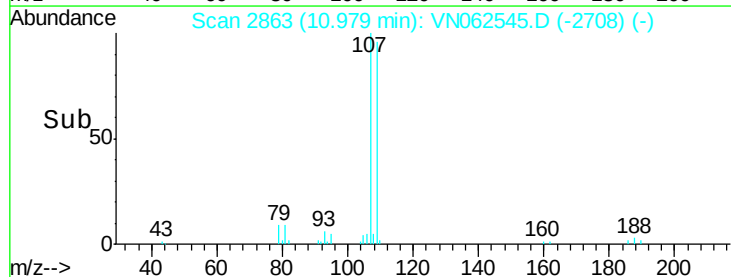
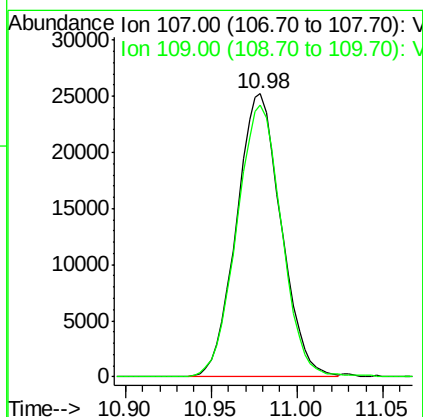
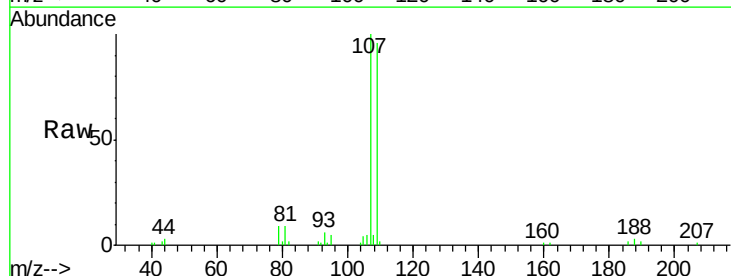
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

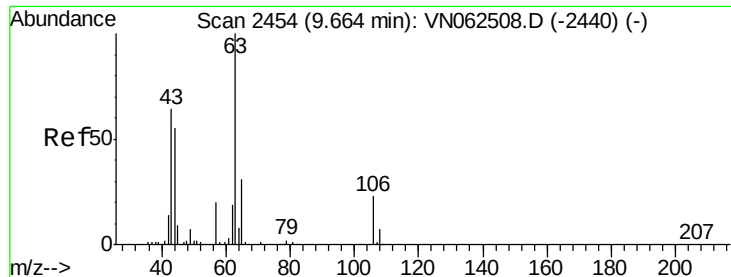
Tot Ion:129 Resp: 48224
Ion Ratio Lower Upper
129 100
127 78.9 38.1 114.5



#54
1,2-Dibromoethane
Concen: 19.580 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion:107 Resp: 45414
Ion Ratio Lower Upper
107 100
109 96.4 74.8 112.2

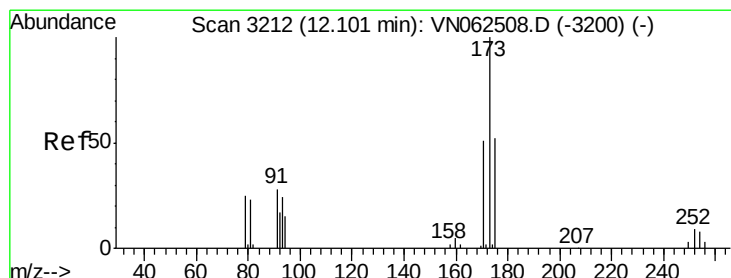
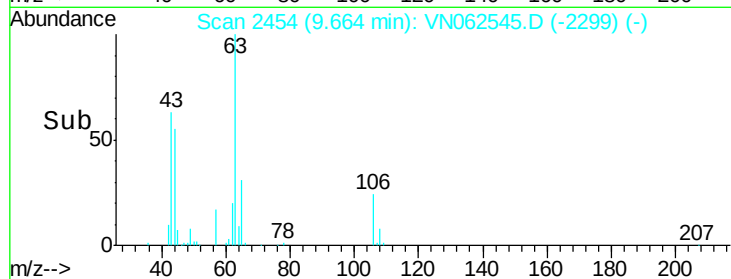
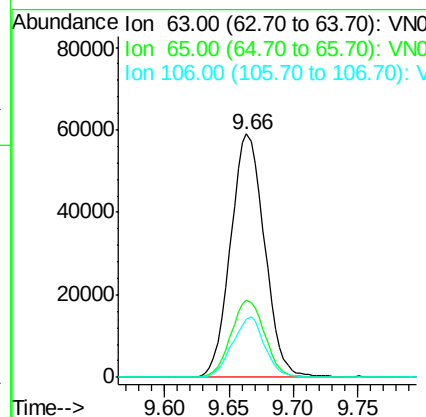
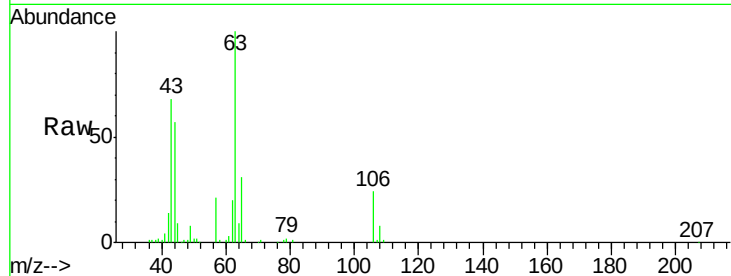




#55
 2-Chloroethyl vinyl ether
 Concen: 88.611 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

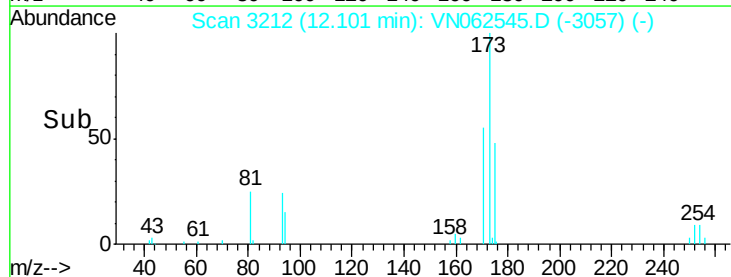
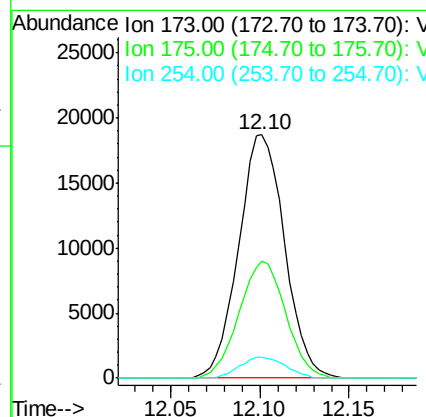
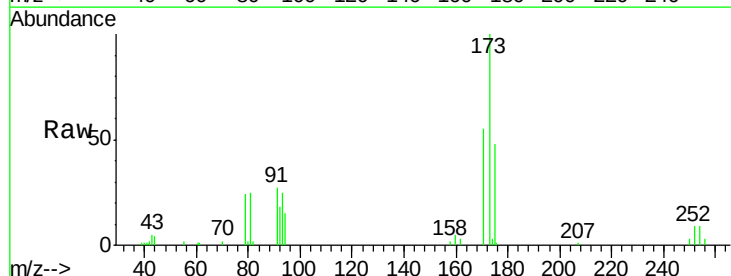
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

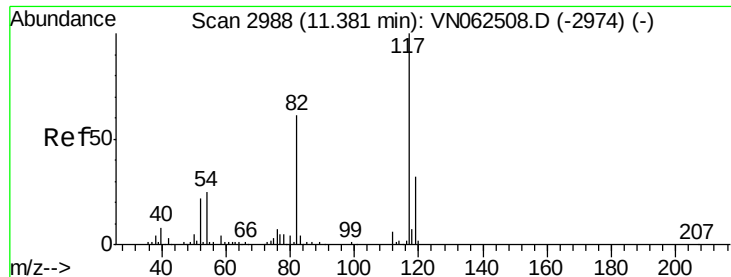
Tot Ion: 63 Resp: 107979
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.2
 106 23.3 18.4 27.6



#56
 Bromoform
 Concen: 19.898 ug/l
 RT: 12.10 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion: 173 Resp: 33554
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.1 57.1
 254 8.5 6.2 9.2

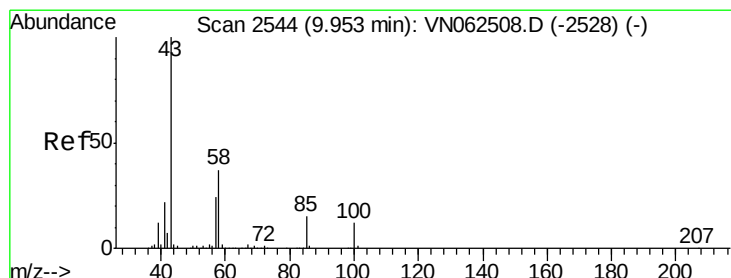
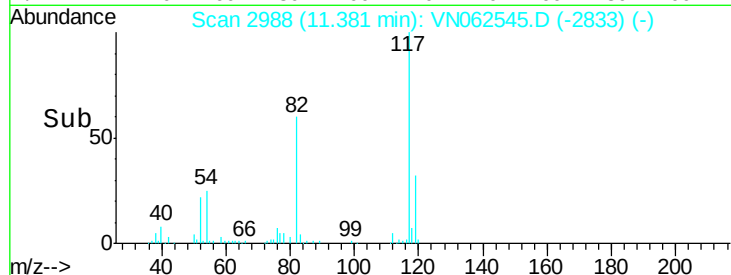
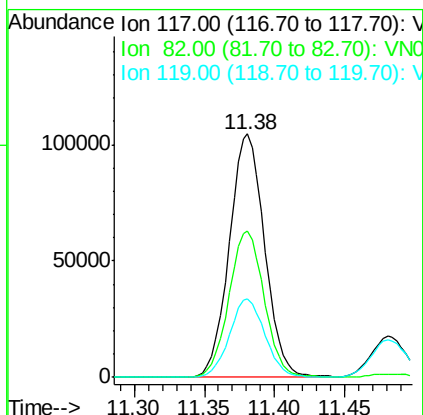
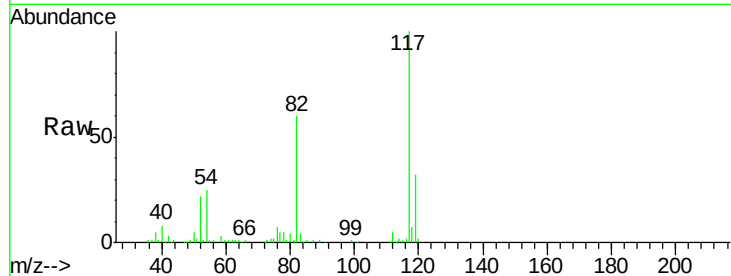




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

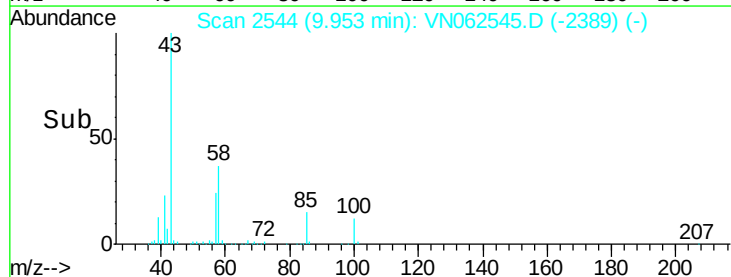
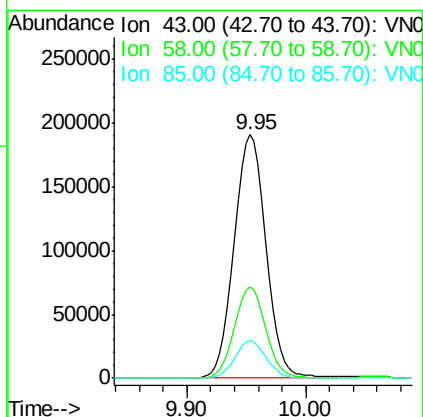
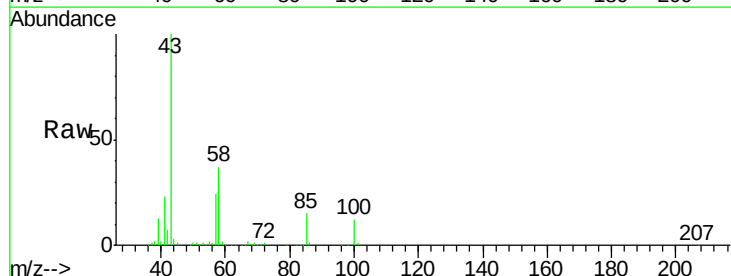
Instrument :
MSVOA_N
ClientSampled :
VN0716WBSD01

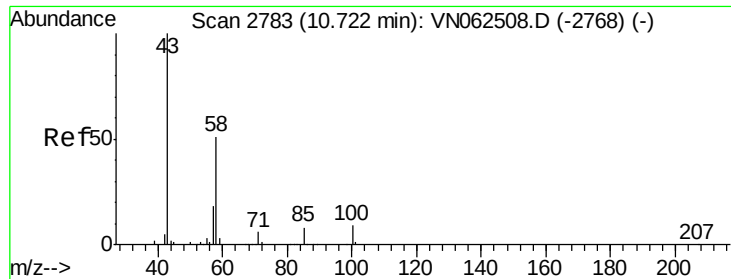
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.0	73.6
119	32.3	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 99.279 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.6	44.4
85	15.1	12.0	18.0

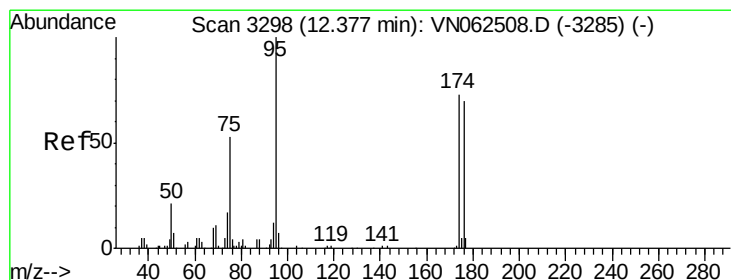
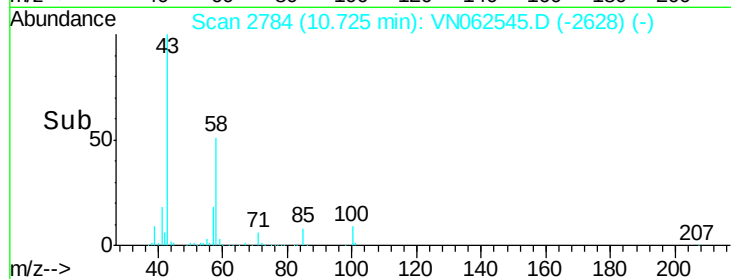
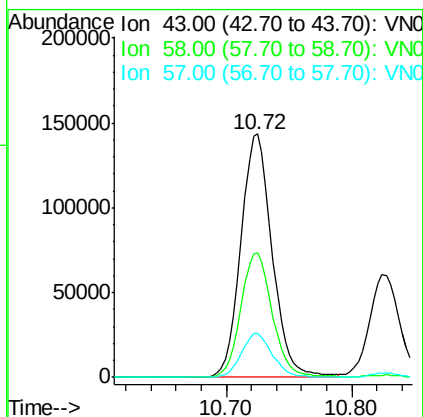
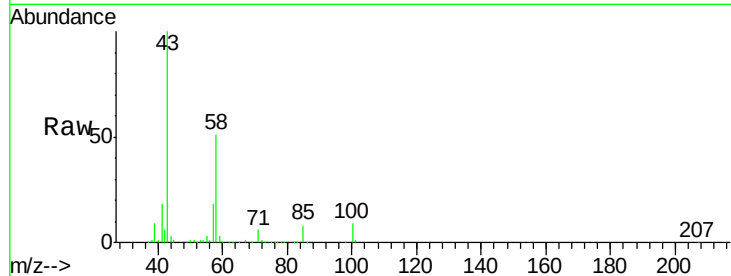




#59
2-Hexanone
Concen: 95.156 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

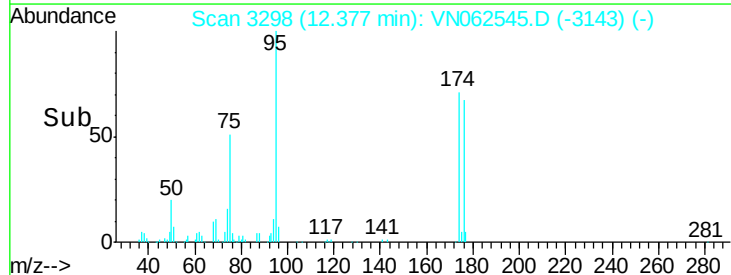
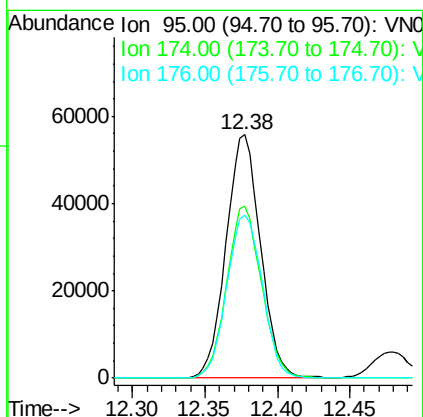
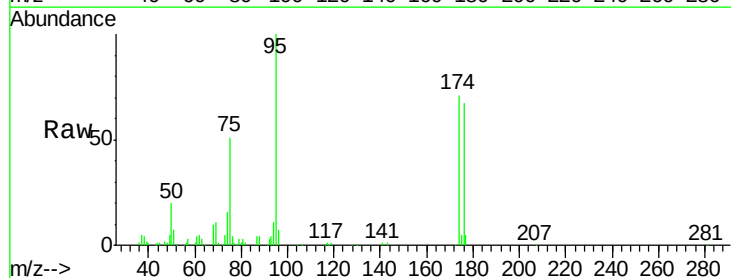
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

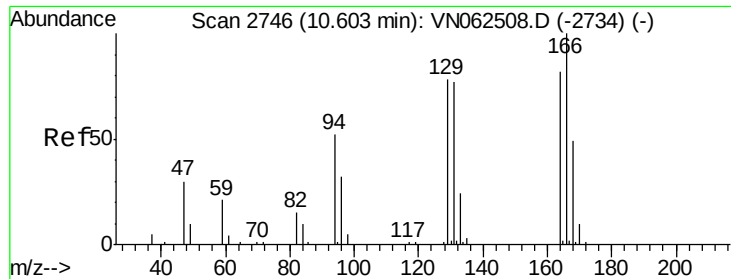
Tot Ion: 43 Resp: 249782
Ion Ratio Lower Upper
43 100
58 51.3 41.2 61.8
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.526 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 95 Resp: 92305
Ion Ratio Lower Upper
95 100
174 71.1 57.5 86.3
176 69.0 56.3 84.5

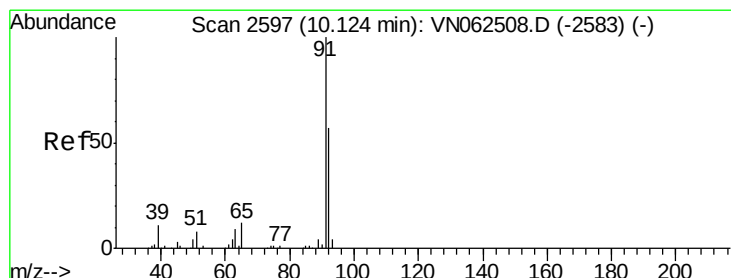
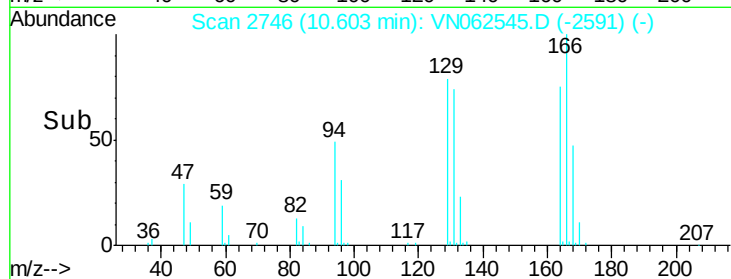
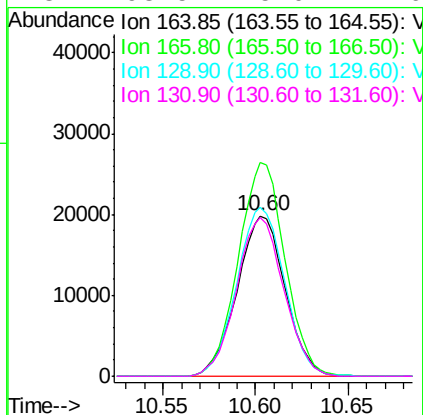
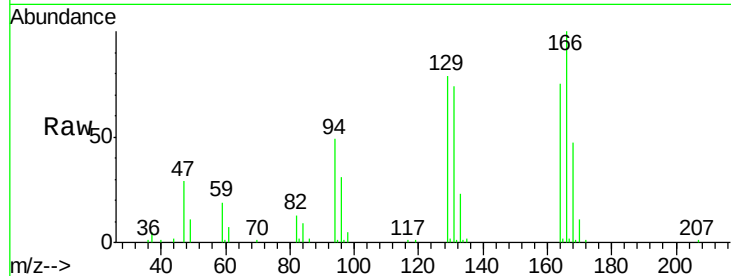




#61
Tetrachloroethene
Concen: 18.869 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

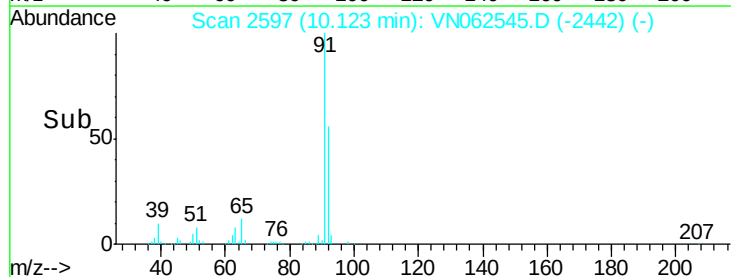
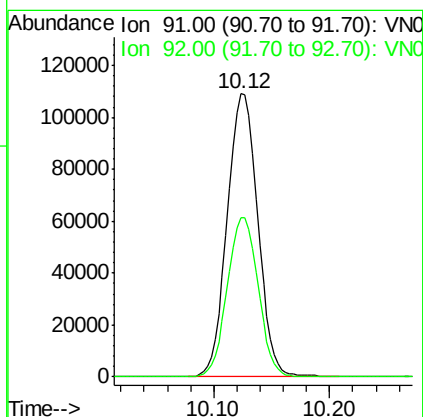
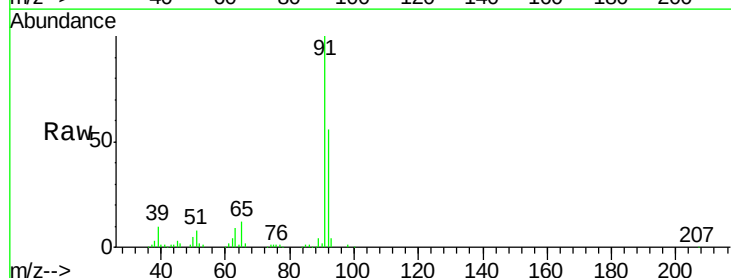
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

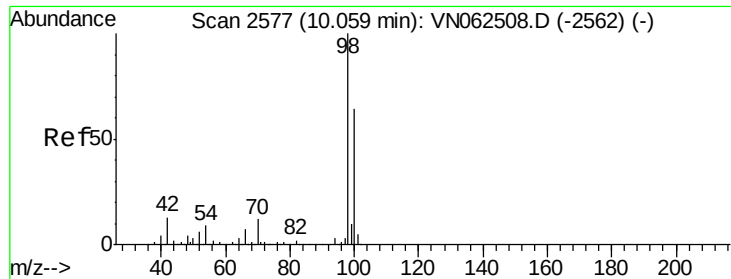
Tot Ion:164 Resp: 35499
Ion Ratio Lower Upper
164 100
166 133.0 97.7 146.5
129 105.4 77.0 115.4
131 98.5 75.0 112.6



#62
Toluene
Concen: 19.146 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 91 Resp: 199541
Ion Ratio Lower Upper
91 100
92 56.9 45.8 68.6





#63

Toluene-d8

Concen: 30.273 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

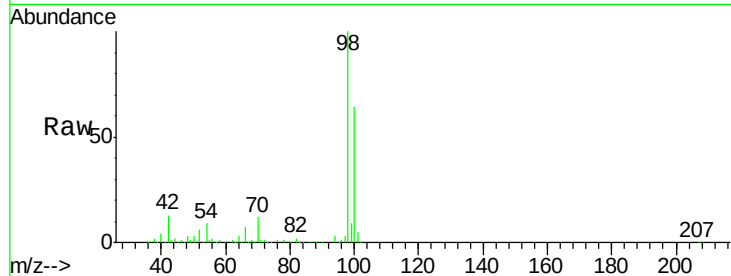
VN0716WBSD01

Tot Ion: 98 Resp: 262793

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN062508.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062545.D (-2422) (-)

10.06

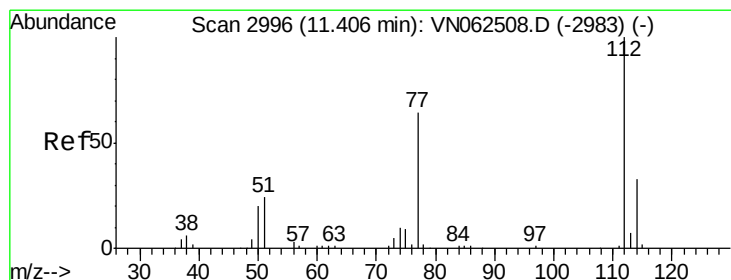
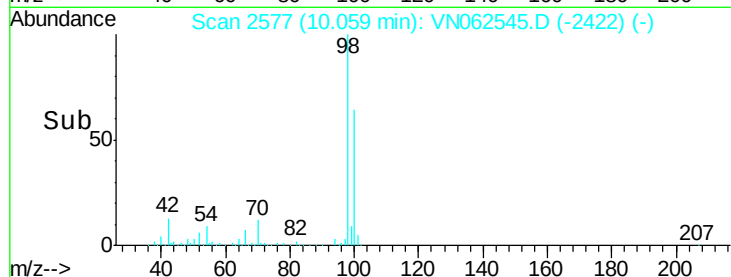
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 18.707 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062545.D

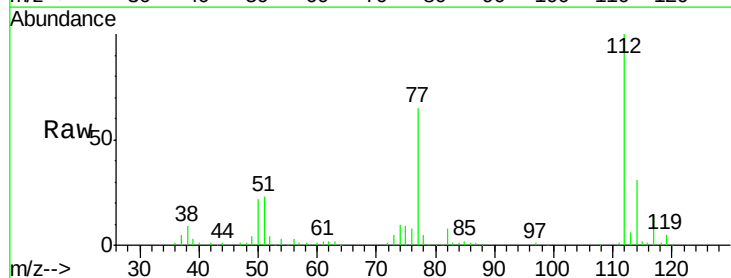
Acq: 16 Jul 2020 14:10

Tgt Ion: 112 Resp: 114559

Ion Ratio Lower Upper

112 100

114 31.3 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): VN062508.D (-2983) (-)

Ion 114.00 (113.70 to 114.70): VN062545.D (-2841) (-)

11.41

80000

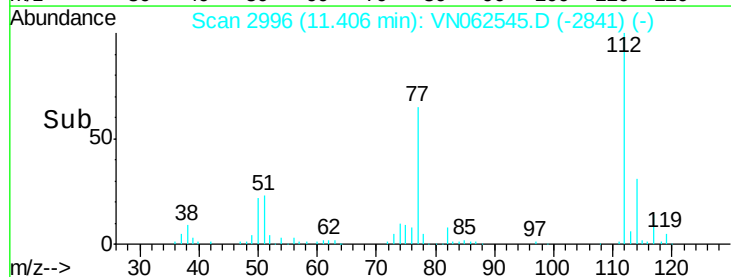
60000

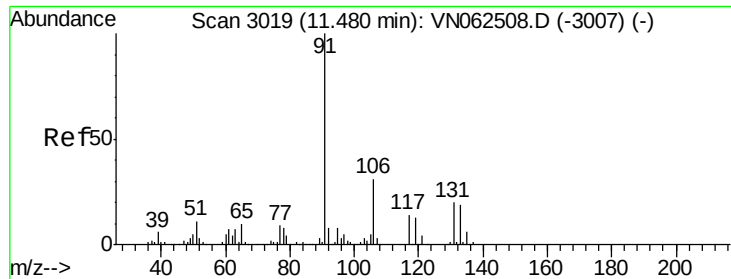
40000

20000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.018 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

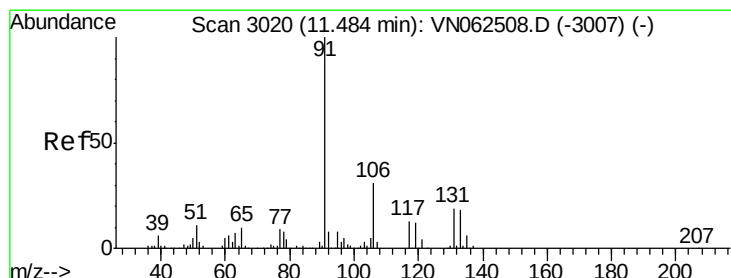
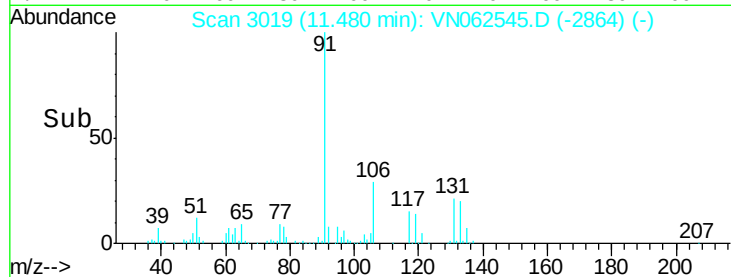
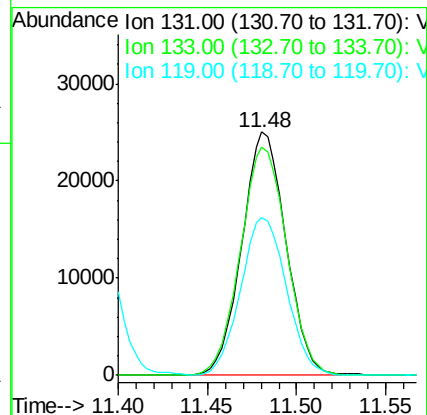
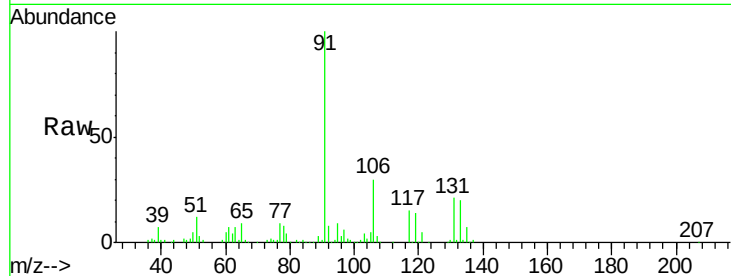
Tot Ion:131 Resp: 43110

Ion Ratio Lower Upper

131 100

133 98.3 0.0 191.4

119 67.3 0.0 136.2



#66

Ethyl Benzene

Concen: 18.492 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062545.D

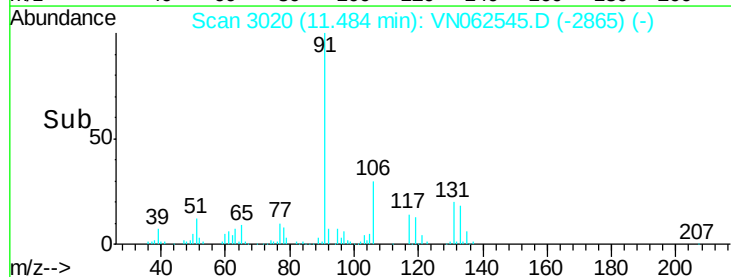
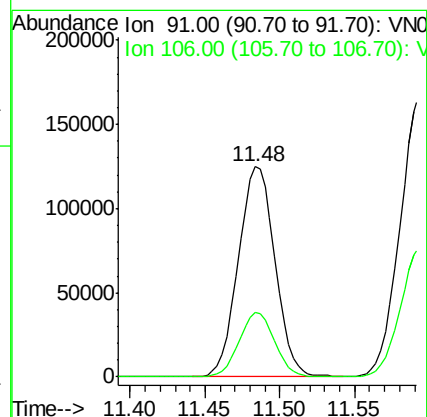
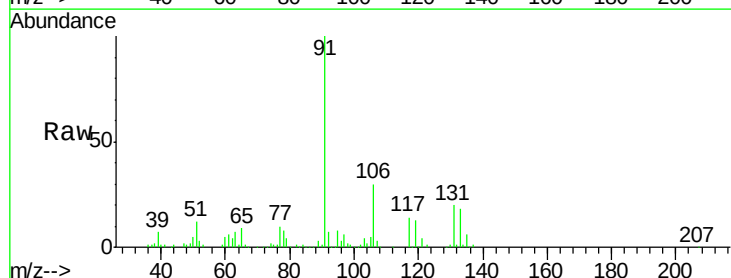
Acq: 16 Jul 2020 14:10

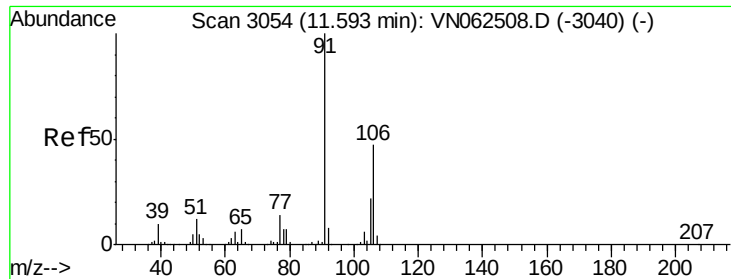
Tgt Ion: 91 Resp: 213413

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8

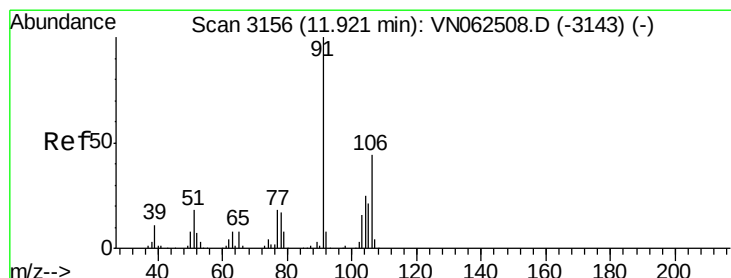
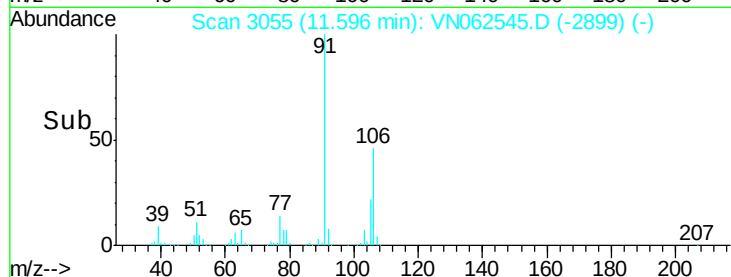
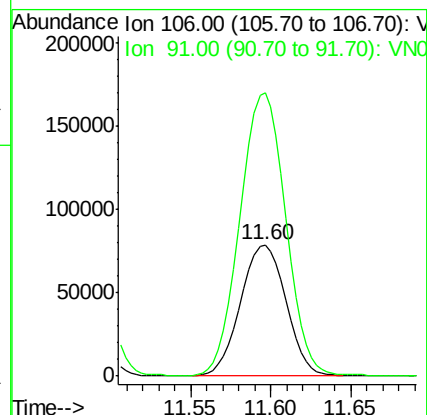
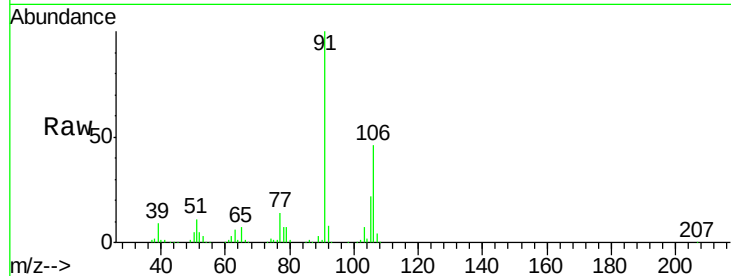




#67
m/p-Xylenes
Concen: 36.558 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

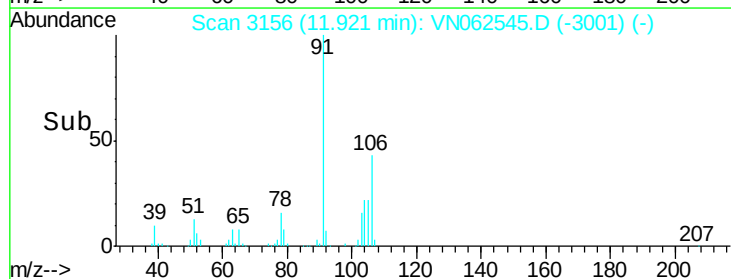
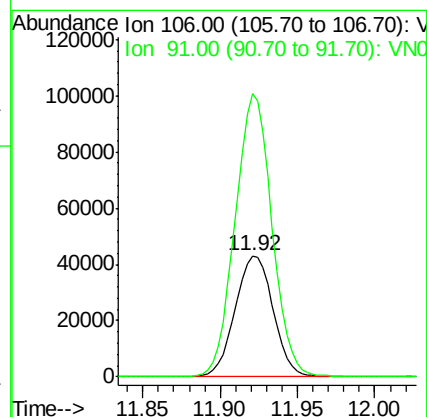
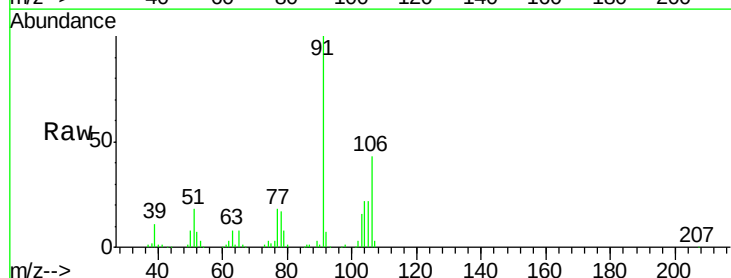
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

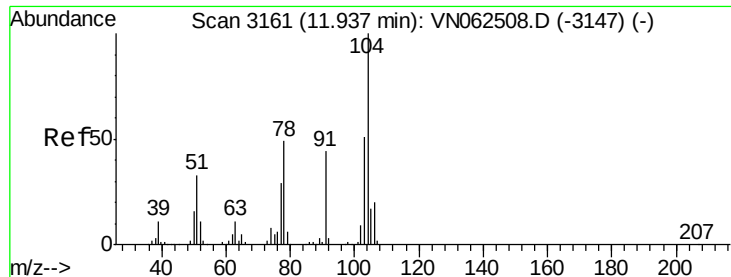
Tot Ion:106 Resp: 153138
Ion Ratio Lower Upper
106 100
91 215.1 170.7 256.1



#68
o-Xylene
Concen: 18.273 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion:106 Resp: 73458
Ion Ratio Lower Upper
106 100
91 226.2 113.9 341.6

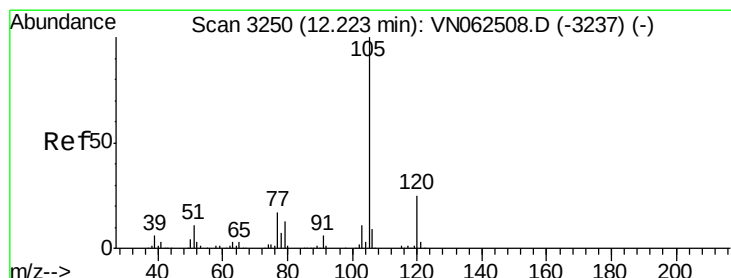
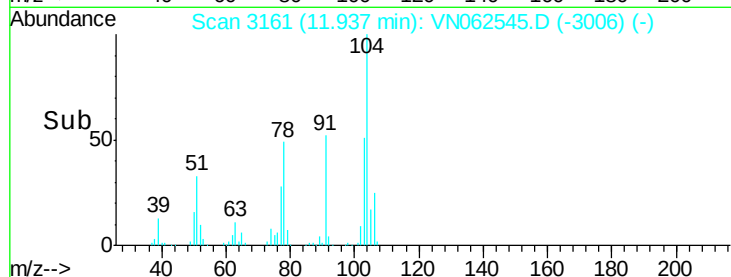
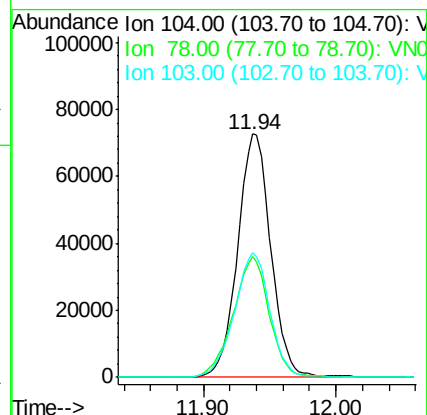
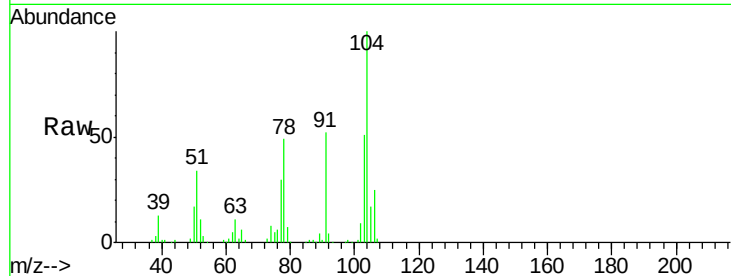




#69
Stvrene
Concen: 18.498 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

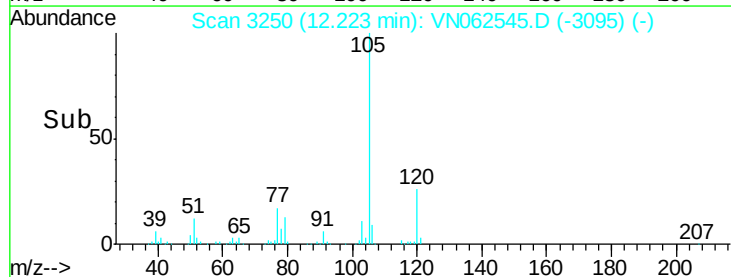
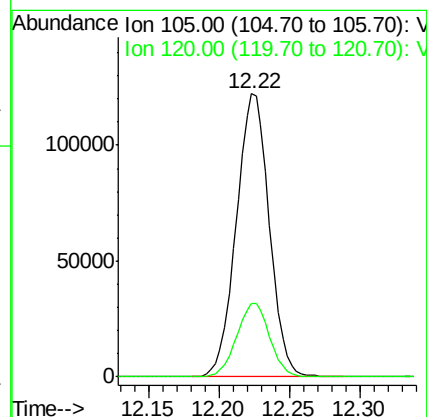
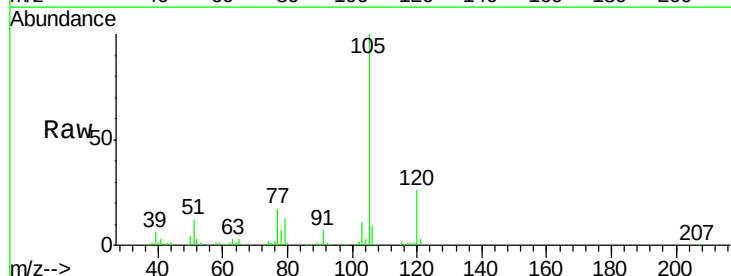
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

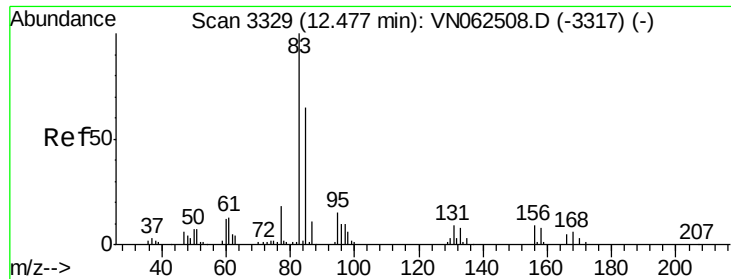
Tot Ion:104 Resp: 126211
Ion Ratio Lower Upper
104 100
78 54.0 43.9 65.9
103 54.9 43.8 65.6



#70
Isopropylbenzene
Concen: 18.557 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion:105 Resp: 200256
Ion Ratio Lower Upper
105 100
120 25.9 17.6 32.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.168 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

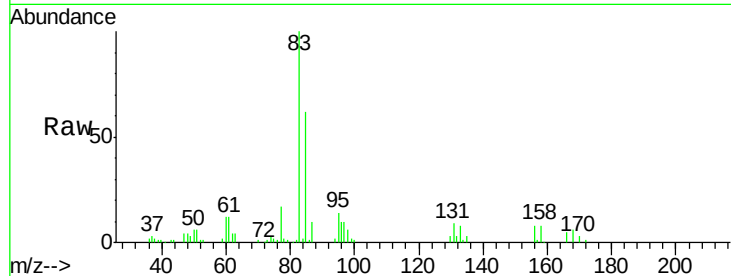
Tot Ion: 83 Resp: 70341

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

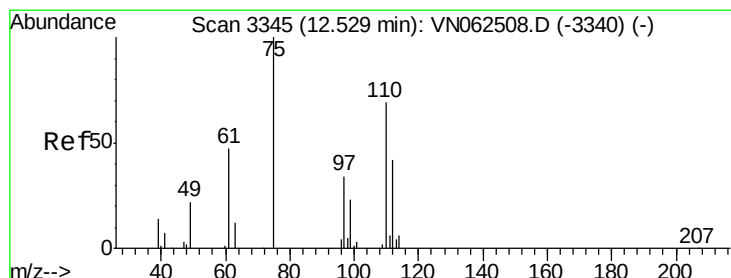
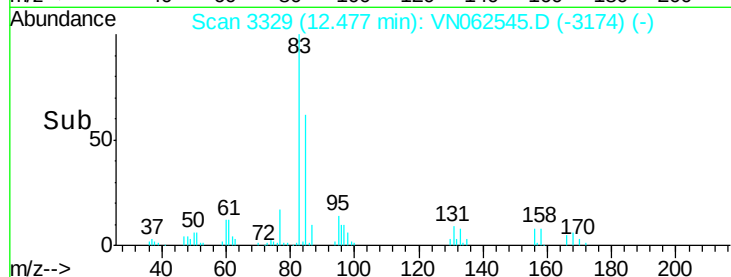
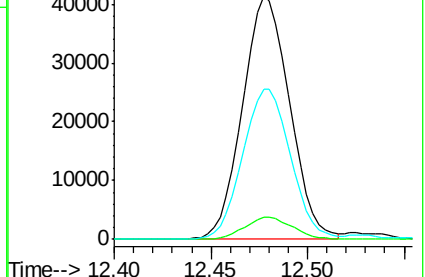
85 62.8 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 19.647 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062545.D

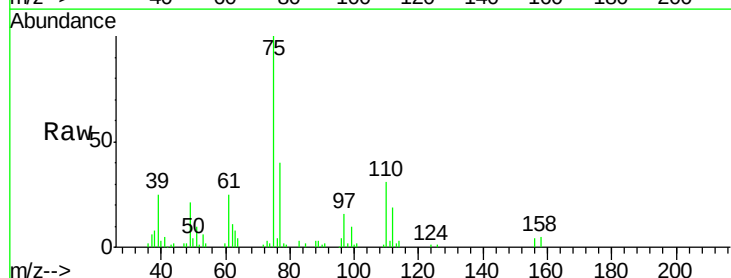
Acq: 16 Jul 2020 14:10

Tgt Ion: 75 Resp: 66653

Ion Ratio Lower Upper

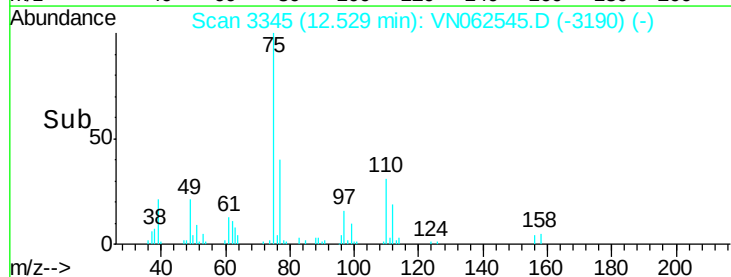
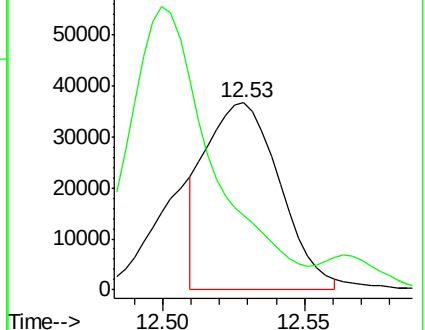
75 100

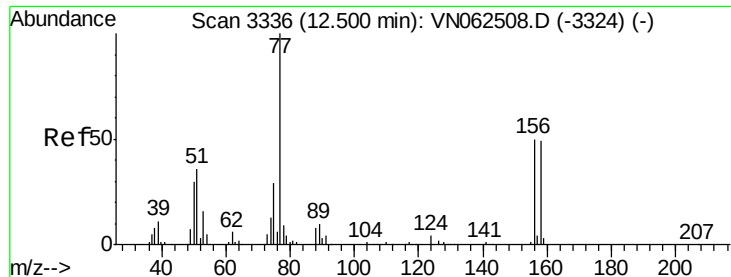
77 172.5 0.0 376.2



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

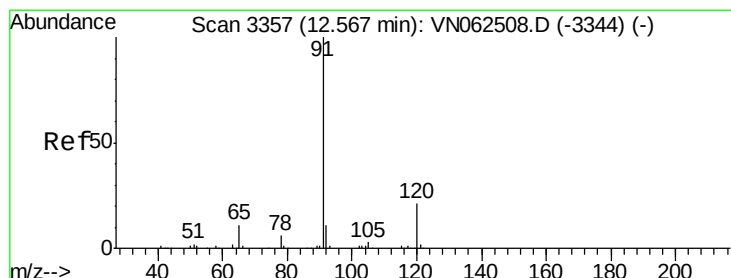
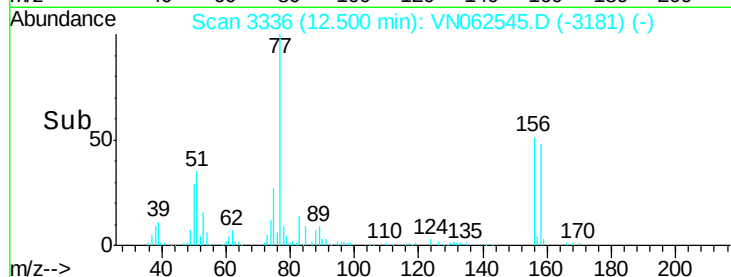
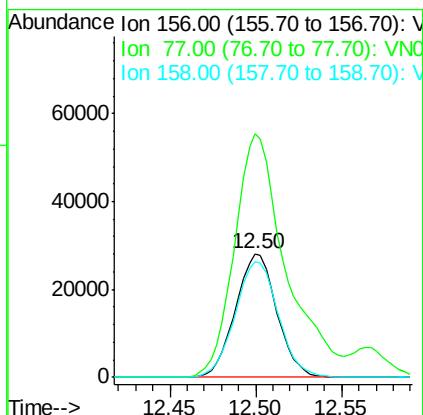
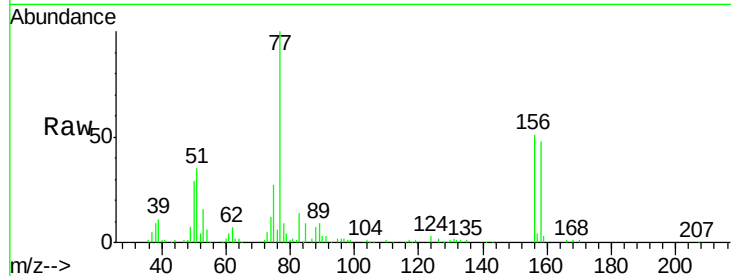




#73
Bromobenzene
Concen: 18.798 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

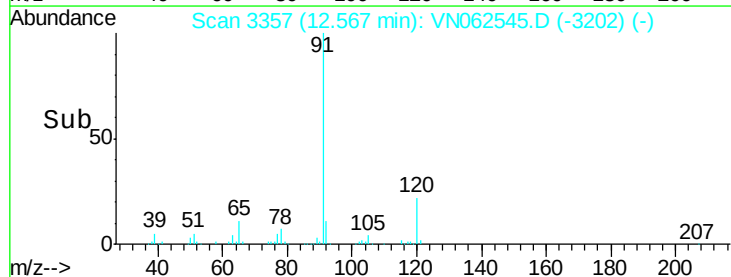
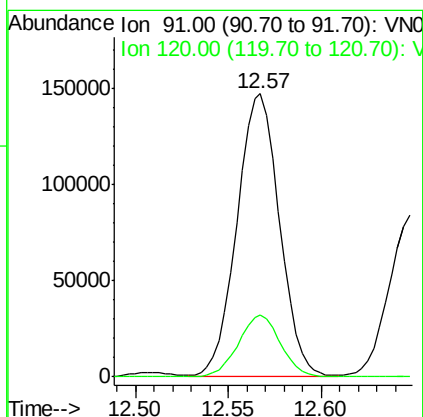
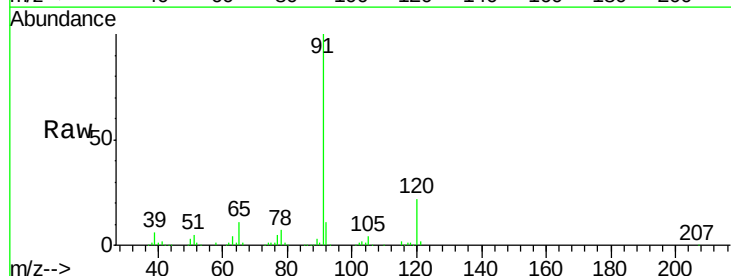
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

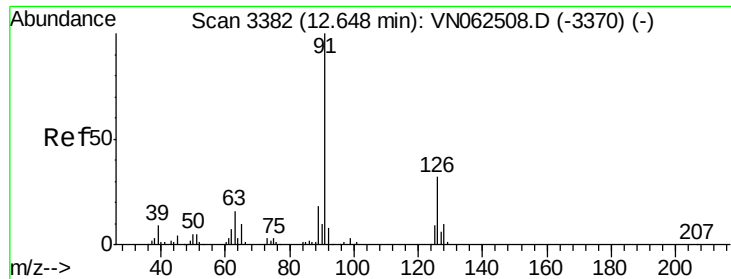
Tot Ion:156 Resp: 46982
Ion Ratio Lower Upper
156 100
77 244.7 0.0 485.0
158 97.5 0.0 192.6



#74
n-propylbenzene
Concen: 18.245 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion: 91 Resp: 234037
Ion Ratio Lower Upper
91 100
120 21.5 0.0 42.8





#75

2-Chlorotoluene

Concen: 18.337 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

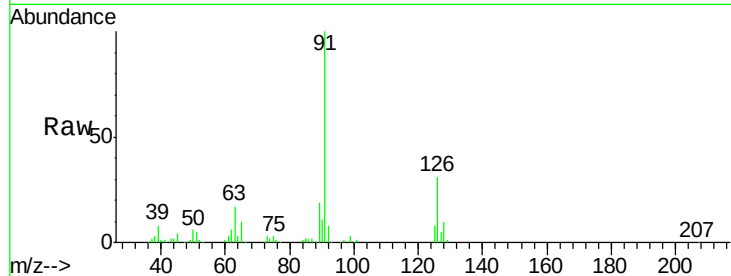
VN0716WBSD01

Tot Ion: 91 Resp: 141624

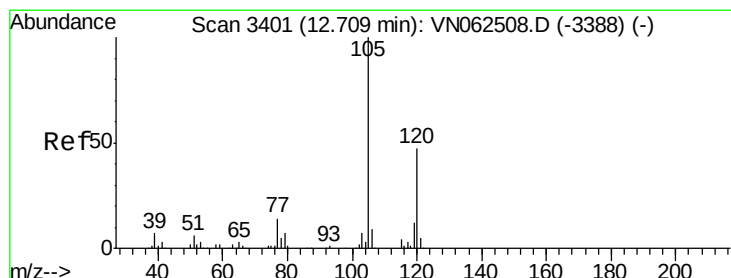
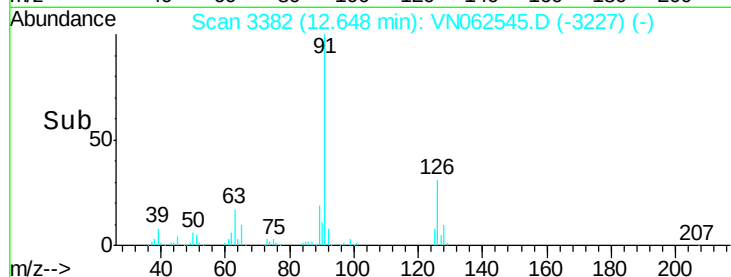
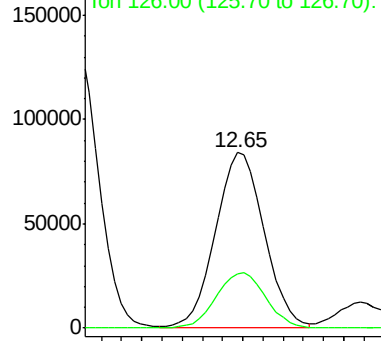
Ion Ratio Lower Upper

91 100

126 32.3 0.0 62.2



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



#76

1,3,5-Trimethylbenzene

Concen: 18.387 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062545.D

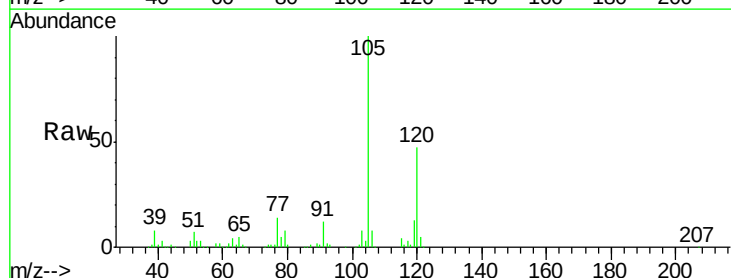
Acq: 16 Jul 2020 14:10

Tgt Ion: 105 Resp: 169065

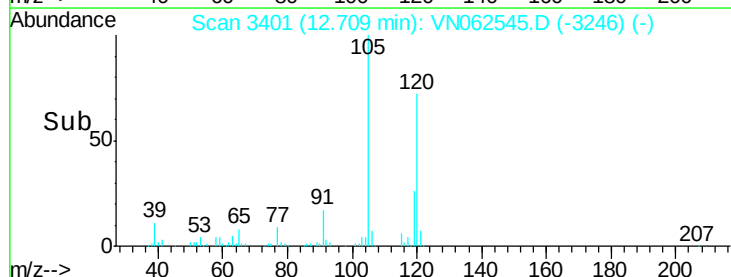
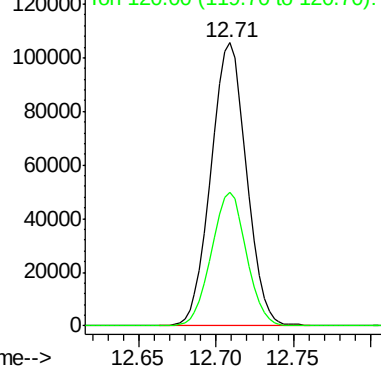
Ion Ratio Lower Upper

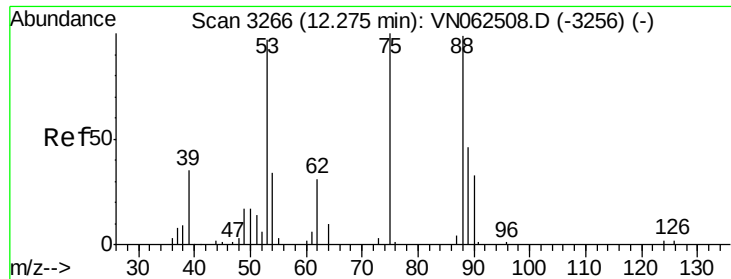
105 100

120 46.6 0.0 95.0



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





#77

t-1,4-Dichloro-2-butene

Concen: 17.716 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0716WBSD01

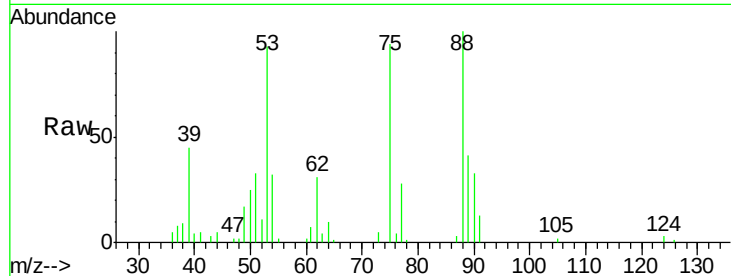
Tot Ion: 75 Resp: 22478

Ion Ratio Lower Upper

75 100

53 98.8 48.3 144.8

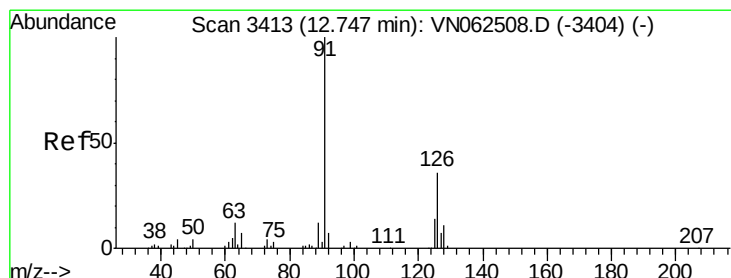
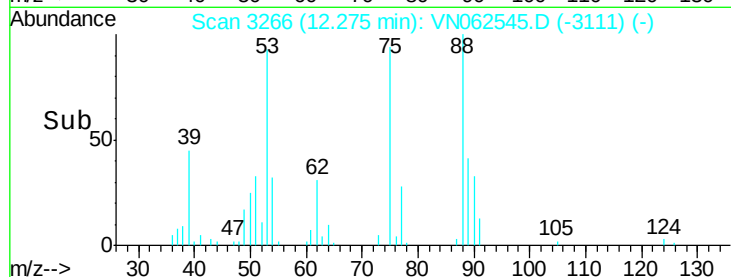
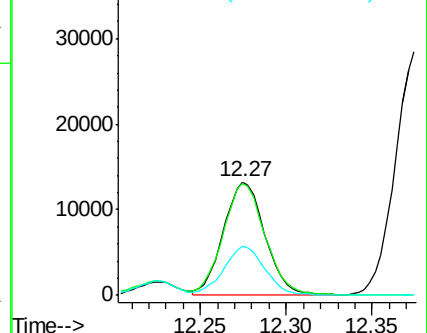
89 43.0 23.3 69.8



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: 18.581 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062545.D

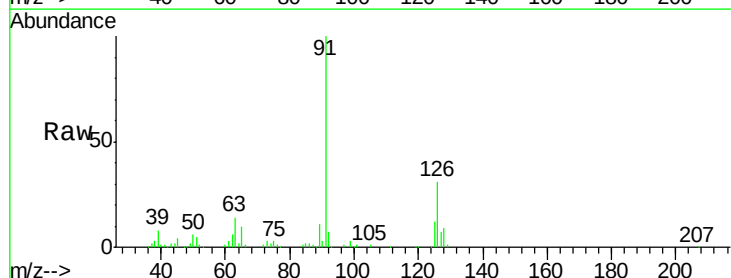
Acq: 16 Jul 2020 14:10

Tgt Ion: 91 Resp: 146427

Ion Ratio Lower Upper

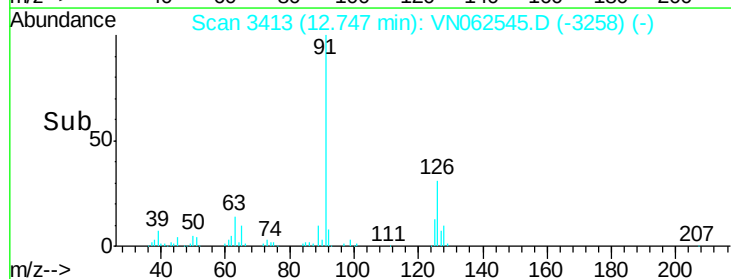
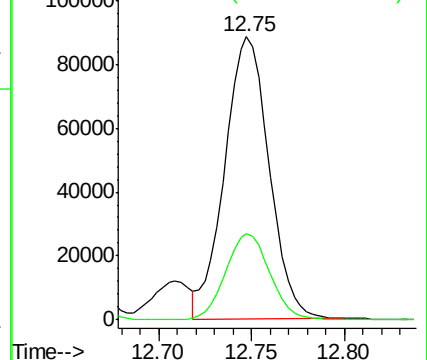
91 100

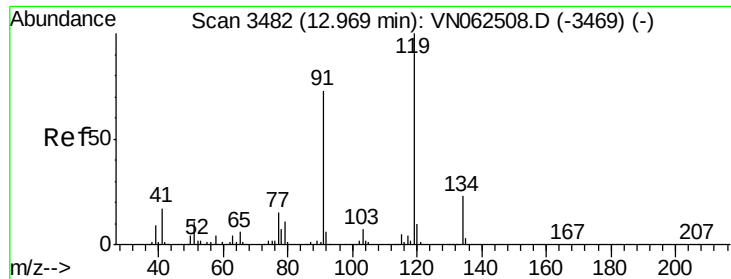
126 30.5 0.0 62.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

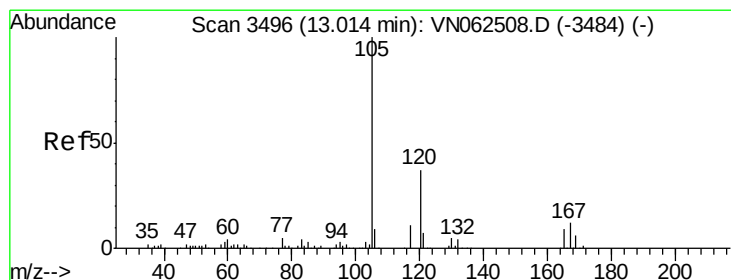
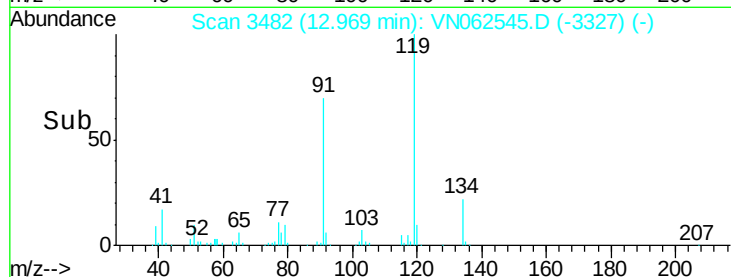
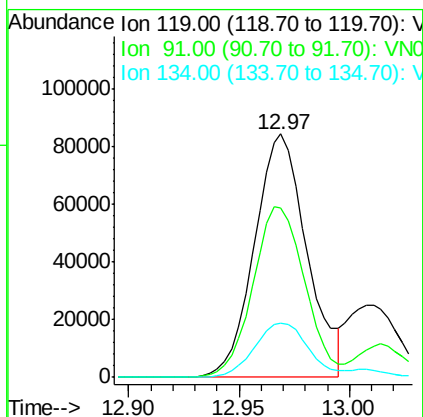
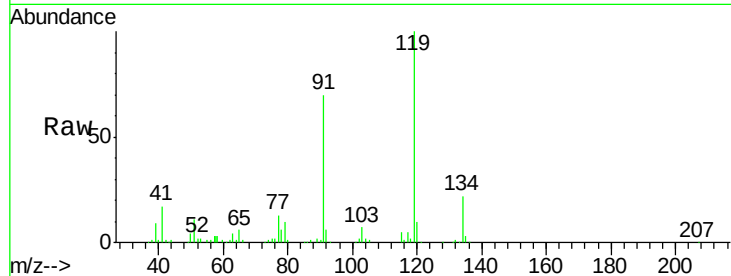




#79
tert-butylbenzene
Concen: 18.302 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

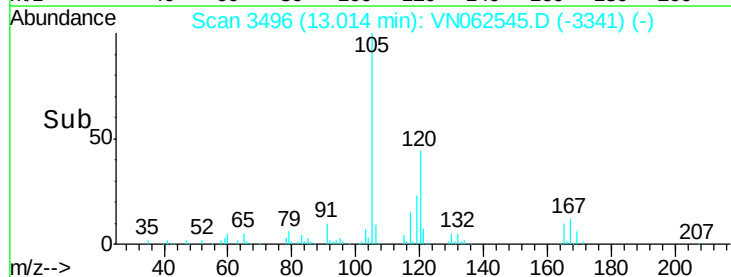
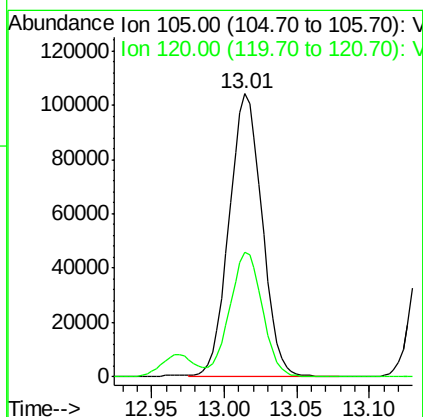
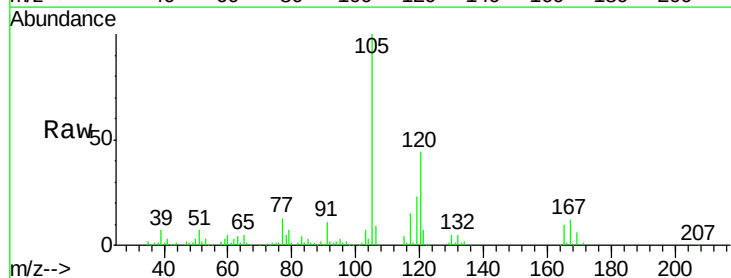
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBSD01

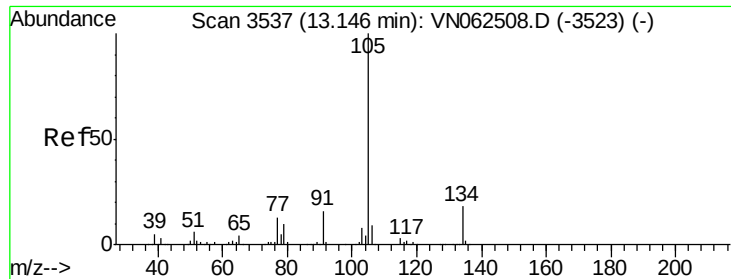
Tot Ion:119 Resp: 139351
Ion Ratio Lower Upper
119 100
91 69.2 0.0 139.8
134 23.2 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 18.189 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062545.D
Acq: 16 Jul 2020 14:10

Tgt Ion:105 Resp: 164493
Ion Ratio Lower Upper
105 100
120 43.8 0.0 86.6

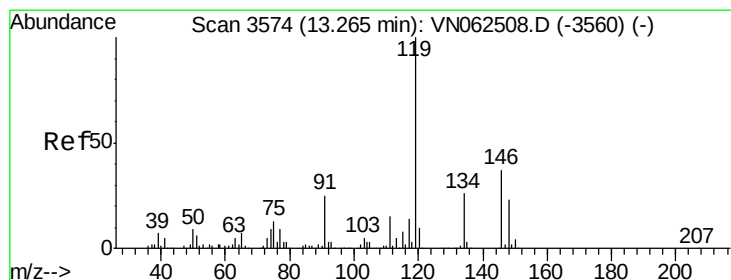
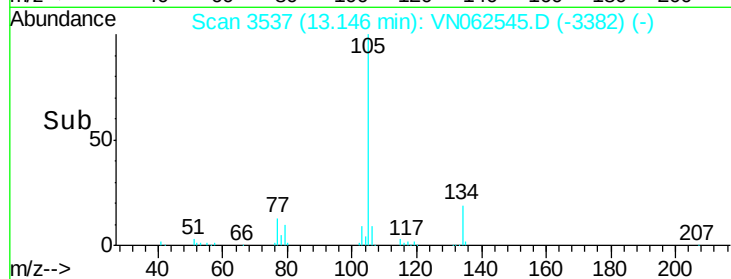
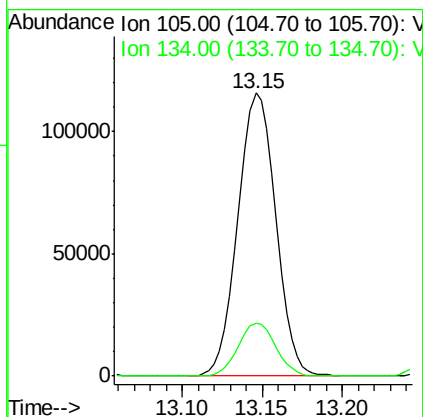
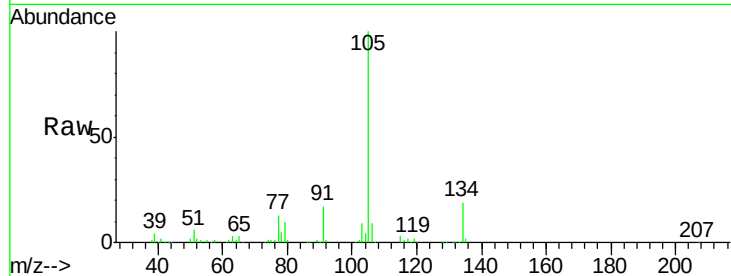




#81
 sec-Butylbenzene
 Concen: 18.167 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

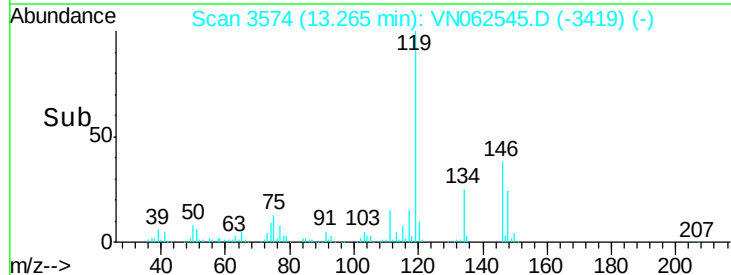
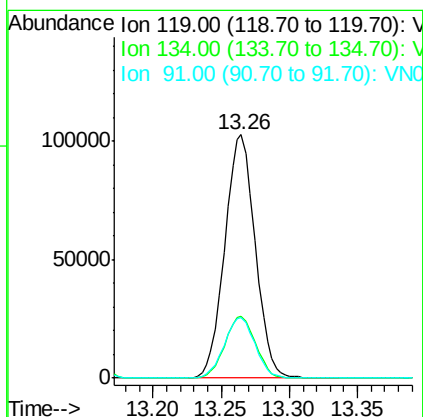
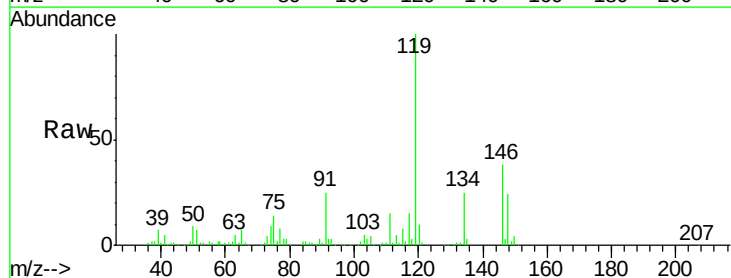
Instrument :
 MSVOA_N
 ClientSampled :
 VN0716WBSD01

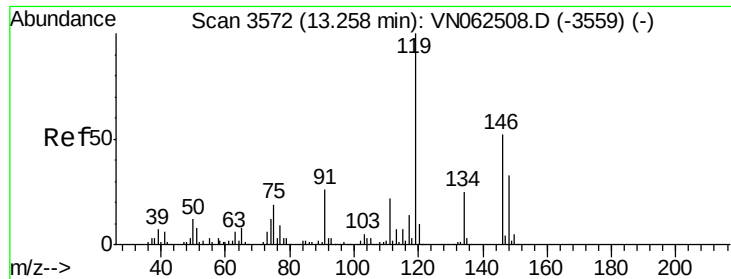
Tot Ion:105 Resp: 185754
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 37.2



#82
 p-Isopropyltoluene
 Concen: 17.652 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion:119 Resp: 159285
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.8
 91 25.1 0.0 51.2

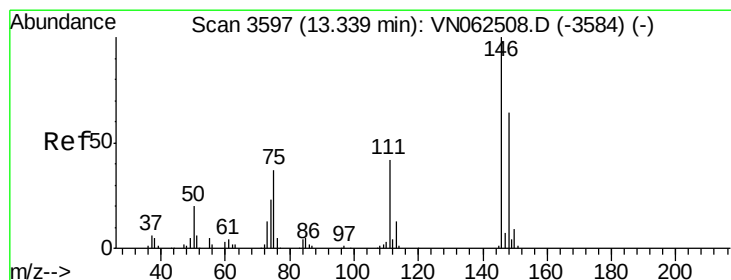
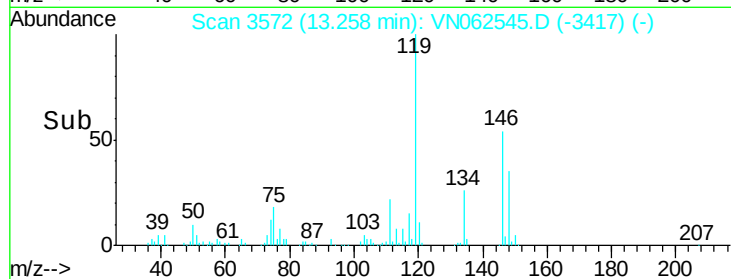
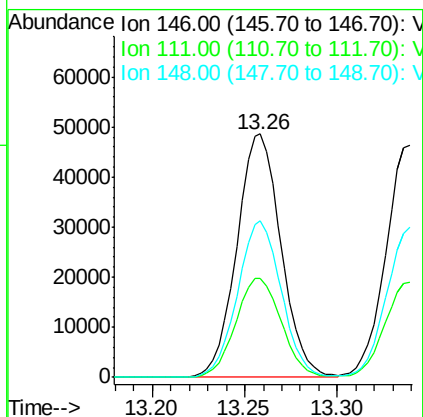
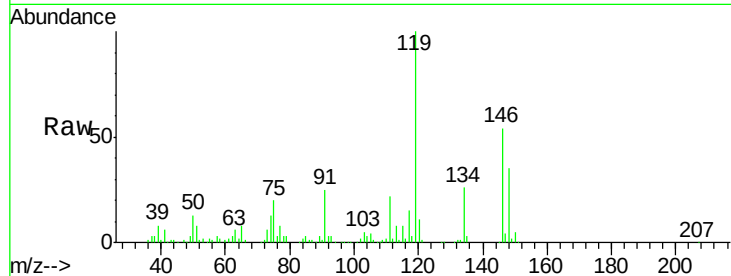




#83
 1,3-Dichlorobenzene
 Concen: 18.605 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

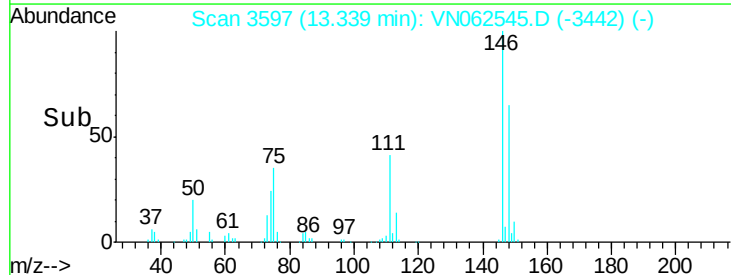
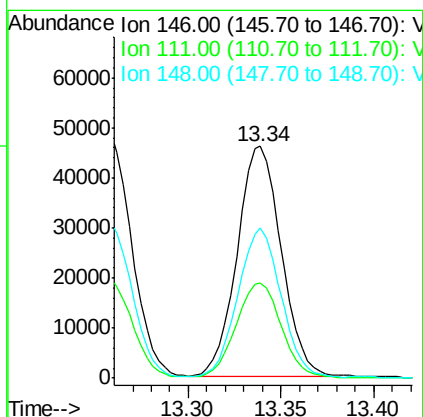
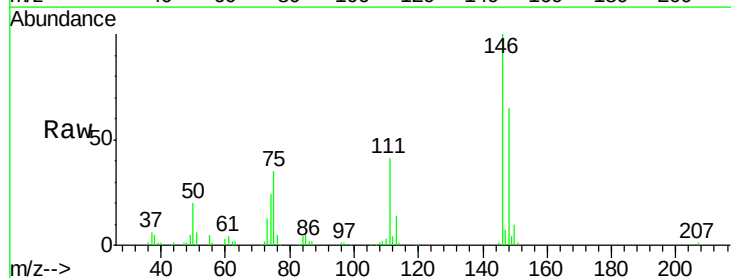
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

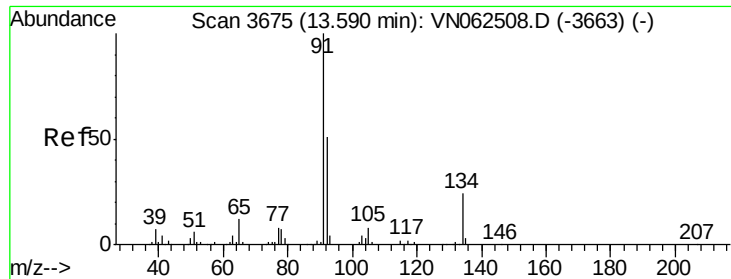
Tot Ion:146 Resp: 80751
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 63.4 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 17.769 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion:146 Resp: 76104
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.4 64.2
 148 64.7 32.4 97.2





#85

n-Butylbenzene

Concen: 16.425 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampled :

VN0716WBSD01

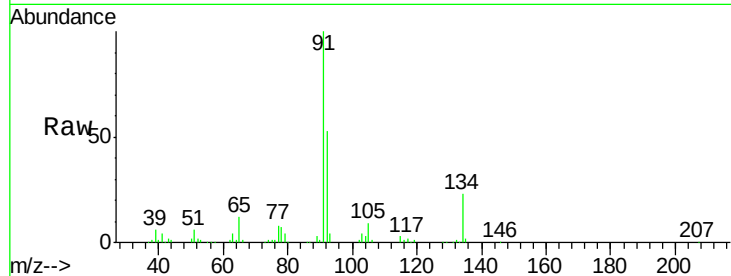
Tot Ion: 91 Resp: 127132

Ion Ratio Lower Upper

91 100

92 51.1 0.0 102.4

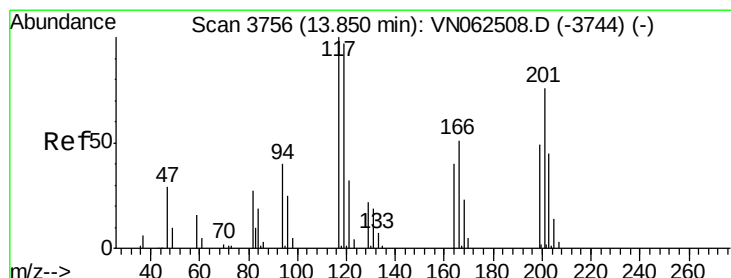
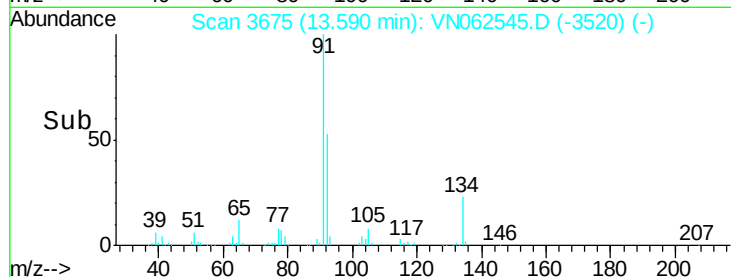
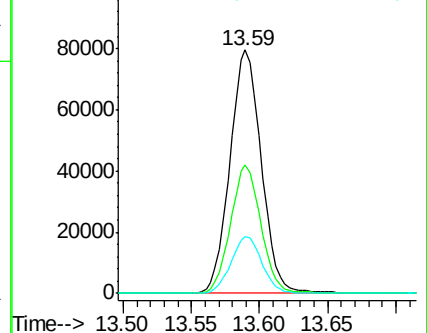
134 22.9 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VN062508.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN062508.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN062508.D (-3663) (-)



#86

Hexachloroethane

Concen: 17.811 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062545.D

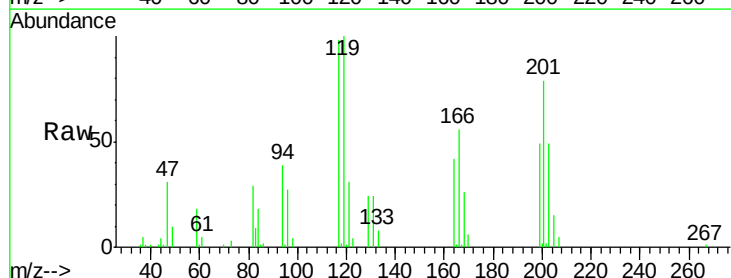
Acq: 16 Jul 2020 14:10

Tgt Ion: 117 Resp: 31013

Ion Ratio Lower Upper

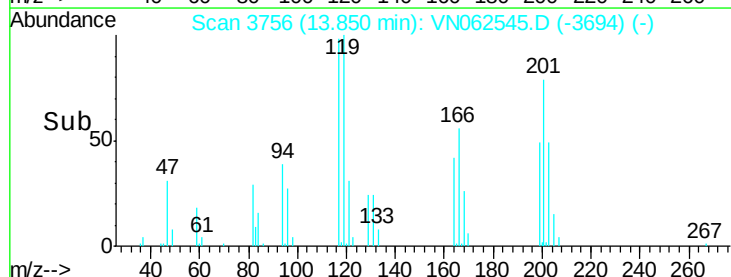
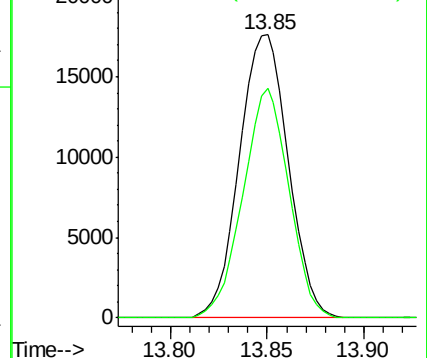
117 100

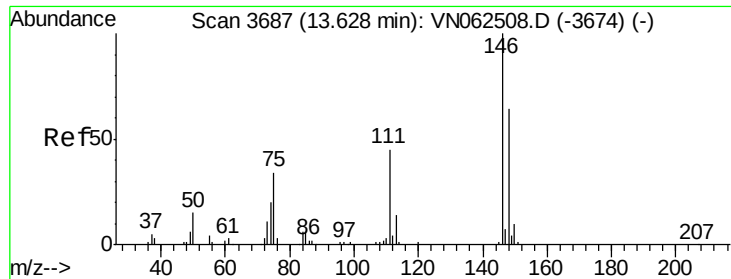
201 76.4 37.4 112.2



Abundance Ion 117.00 (116.70 to 117.70): VN062508.D (-3744) (-)

Ion 201.00 (200.70 to 201.70): VN062508.D (-3744) (-)

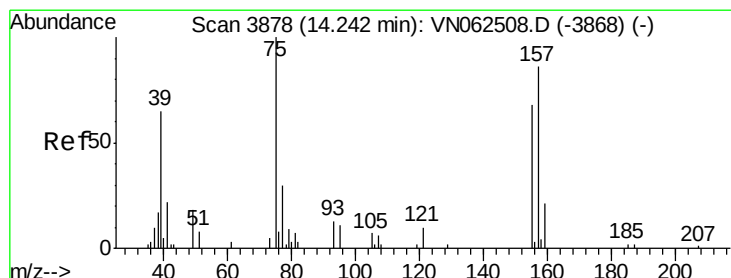
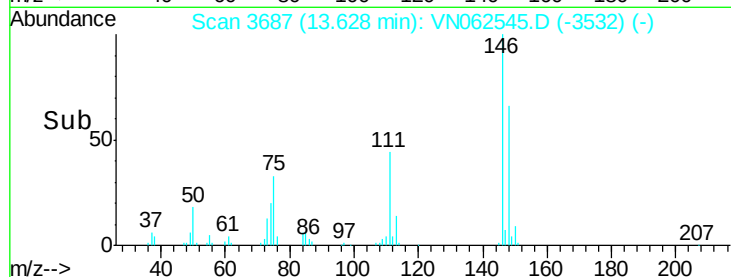
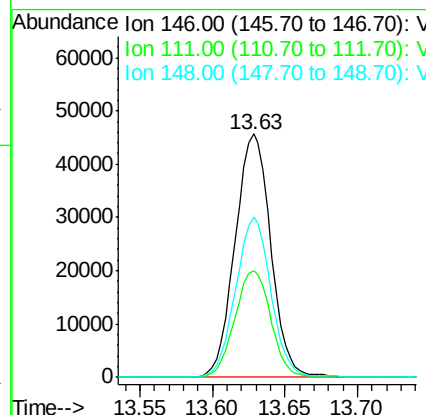
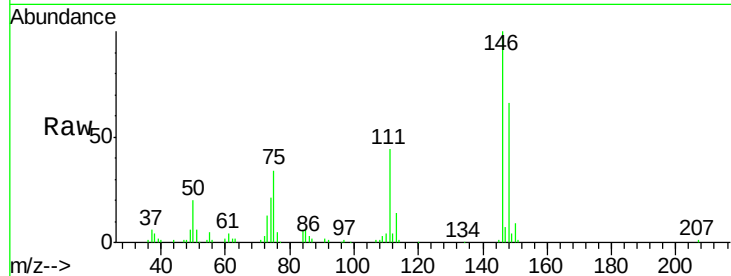




#87
 1,2-Dichlorobenzene
 Concen: 18.814 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

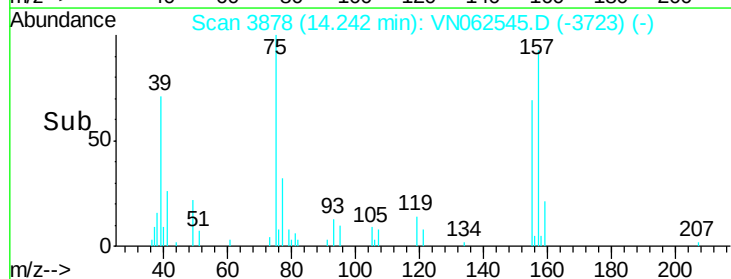
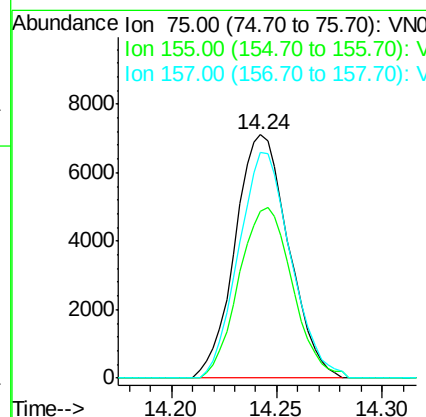
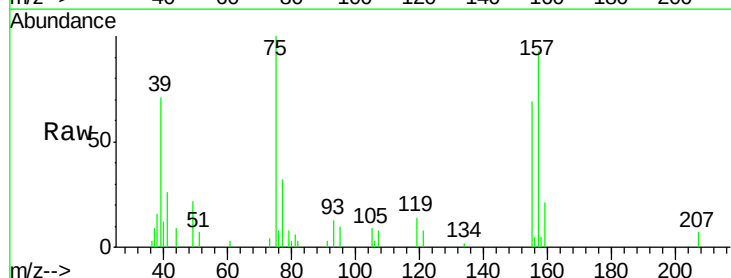
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBSD01

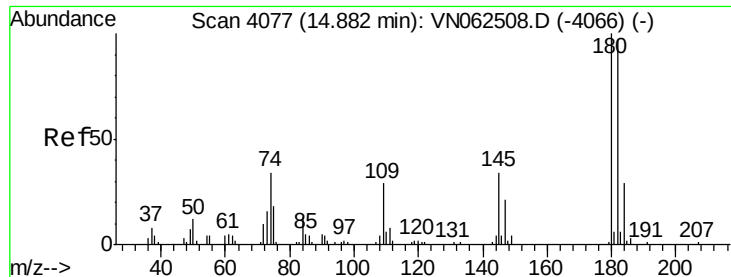
Tot Ion:146 Resp: 78523
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.4 67.0
 148 64.5 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.008 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion: 75 Resp: 12520
 Ion Ratio Lower Upper
 75 100
 155 70.2 55.7 83.5
 157 90.8 71.0 106.6

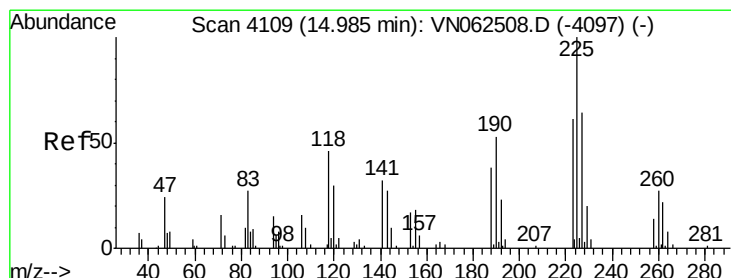
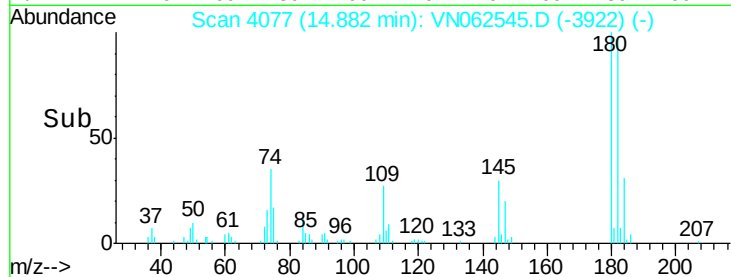
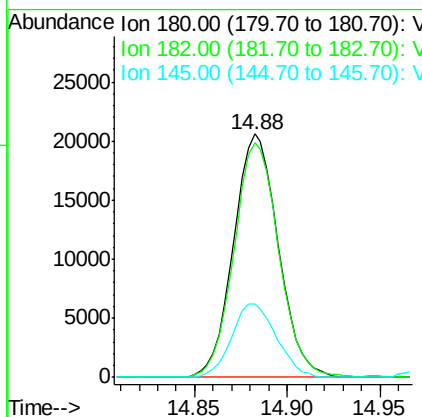
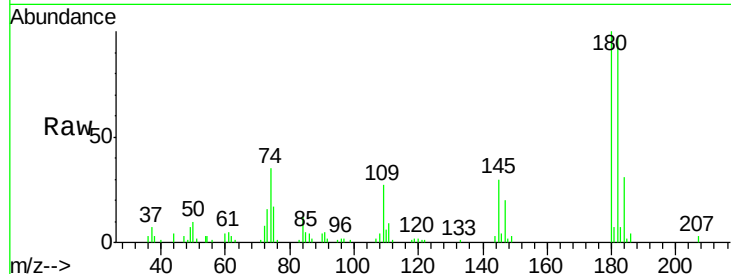




#89
 1,2,4-Trichlorobenzene
 Concen: 16.552 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

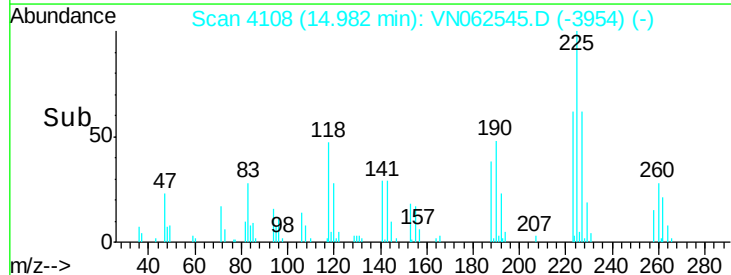
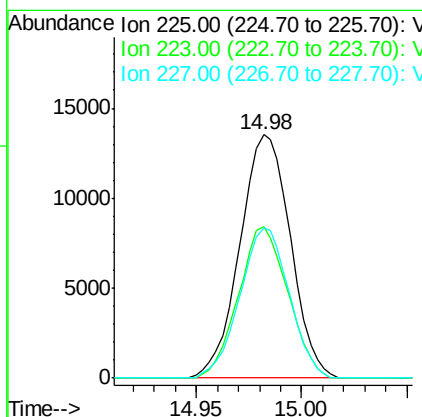
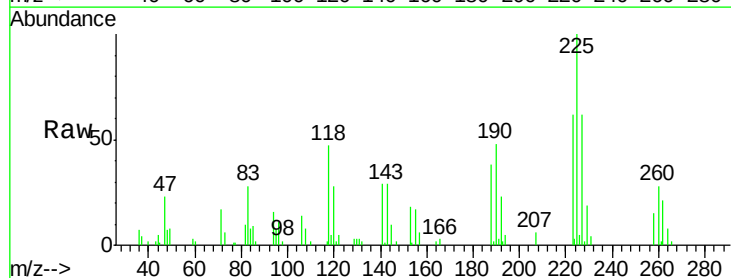
Instrument :
 MSVOA_N
 ClientSampled :
 VN0716WBSD01

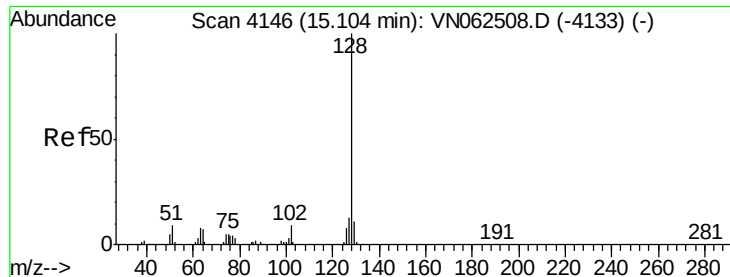
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	30.2	26.1	39.1



#90
 Hexachlorobutadiene
 Concen: 19.554 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062545.D
 Acq: 16 Jul 2020 14:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	0.0	120.4
227	60.2	0.0	129.6





#91

Naphthalene

Concen: 16.177 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

Instrument :

MSVOA_N

ClientSampleId :

VN0716WBSD01

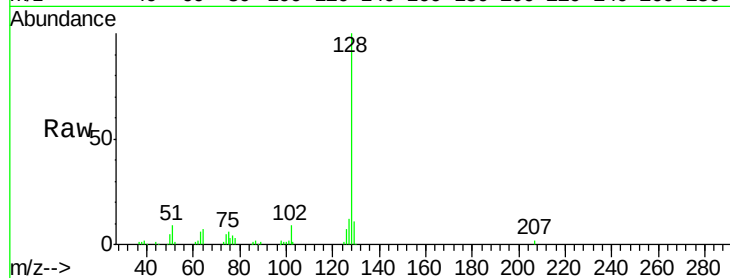
Tot Ion:128 Resp: 91133

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

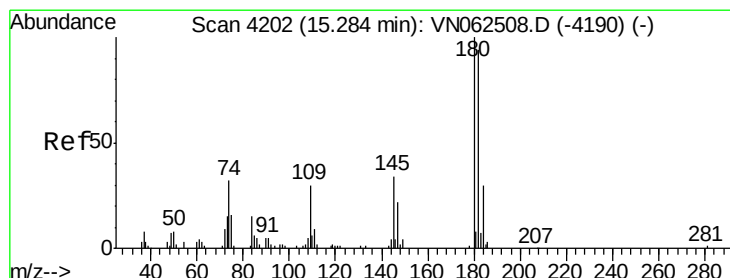
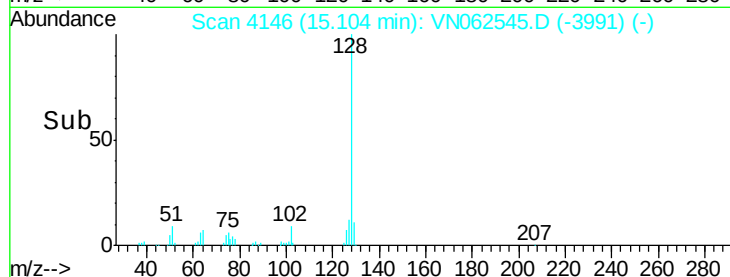
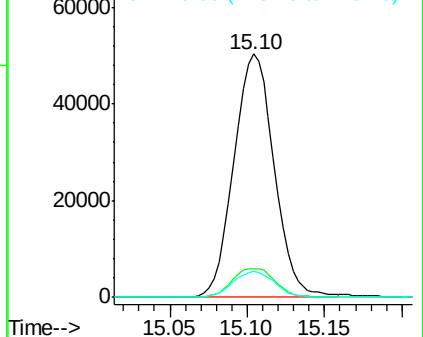
129 10.9 8.8 13.2



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: 17.037 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062545.D

Acq: 16 Jul 2020 14:10

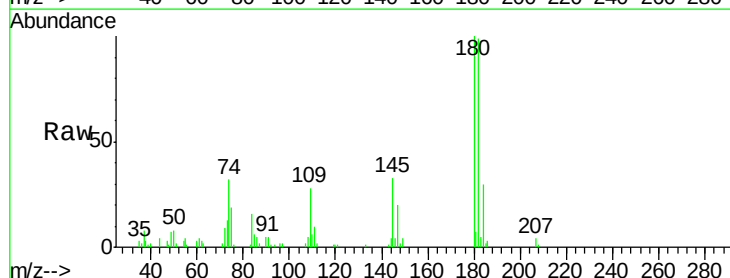
Tgt Ion:180 Resp: 35677

Ion Ratio Lower Upper

180 100

182 97.4 0.0 187.2

145 34.0 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

