

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062781.D
 Acq On : 7 Aug 2020 16:03
 Operator : JC/MD
 Sample : VN0807WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Quant Time: Aug 08 02:13:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	168921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	127724	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
35) Dibromofluoromethane	7.55	113	88963	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	10.06	98	345725	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.38	95	124556	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	49346	20.400	ug/l	100
3) Chloromethane	2.03	50	52390	22.952	ug/l	96
4) Vinyl Chloride	2.16	62	50302	23.495	ug/l	98
5) Bromomethane	2.52	94	27903	19.688	ug/l	97
6) Chloroethane	2.66	64	29400	20.874	ug/l	99
7) Trichlorofluoromethane	2.98	101	74015	19.388	ug/l	98
8) Diethyl Ether	3.37	74	19946	18.251	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32812	20.798	ug/l	95
10) Methyl Iodide	3.91	142	36667	19.816	ug/l	97
11) Tert butyl alcohol	4.75	59	41470	90.578	ug/l	98
12) 1,1-Dichloroethene	3.69	96	28058	18.774	ug/l	98
13) Acrolein	3.57	56	17673	63.754	ug/l	97
14) Allyl chloride	4.27	41	54337	18.373	ug/l	95
15) Acrylonitrile	4.93	53	101024	95.135	ug/l	100
16) Acetone	3.78	43	87315	86.504	ug/l	99
17) Carbon Disulfide	4.01	76	77592	18.411	ug/l	98
18) Methyl Acetate	4.28	43	49404	20.017	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	121853	18.619	ug/l	97
20) Methylene Chloride	4.50	84	37374	19.773	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31149	18.427	ug/l	98
22) Diisopropyl ether	5.90	45	124782	19.820	ug/l	93
23) Vinyl Acetate	5.84	43	427942	89.365	ug/l	99
24) 1,1-Dichloroethane	5.80	63	68378	18.533	ug/l	99
25) 2-Butanone	6.79	43	131118	91.718	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55041	16.184	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	37338	18.413	ug/l	97
28) Bromochloromethane	7.15	49	34117	19.160	ug/l	99
29) Tetrahydrofuran	7.17	42	88190	94.956	ug/l	100
30) Chloroform	7.33	83	73771	18.815	ug/l	98
31) Cyclohexane	7.62	56	64753	19.119	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	62437	17.810	ug/l	96
36) 1,1-Dichloropropene	7.75	75	47557	18.033	ug/l	98
37) Ethyl Acetate	6.88	43	49501	17.969	ug/l	99
38) Carbon Tetrachloride	7.73	117	56488	18.111	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58747	18.511	ug/l	99
40) Benzene	8.00	78	145662	18.510	ug/l	96
41) Methacrylonitrile	7.13	41	23589	18.976	ug/l #	66
42) 1,2-Dichloroethane	8.08	62	60772	18.144	ug/l	99
43) Isopropyl Acetate	8.13	43	82161	17.881	ug/l	98
44) Trichloroethene	8.80	130	35128	18.322	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41129	19.311	ug/l	95
46) Dibromomethane	9.17	93	26775	19.187	ug/l	100
47) Bromodichloromethane	9.37	83	59159	18.875	ug/l	100
48) Methyl methacrylate	9.17	41	40805	18.055	ug/l	100
49) 1,4-Dioxane	9.17	88	15438	368.647	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	282178	94.915	ug/l	98
52) Toluene	10.13	92	91505	18.833	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	61058	17.710	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	64268	18.567	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	38714	18.656	ug/l	96
56) Ethyl methacrylate	10.40	69	56301	18.025	ug/l	96
57) 1,3-Dichloropropane	10.68	76	67896	19.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	69377	78.579	ug/l	100
59) 2-Hexanone	10.72	43	201811	91.002	ug/l	99
60) Dibromochloromethane	10.87	129	43371	18.315	ug/l	98
61) 1,2-Dibromoethane	10.98	107	39392	19.238	ug/l	98
64) Tetrachloroethene	10.60	164	31041	18.954	ug/l	99
65) Chlorobenzene	11.41	112	97555	18.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	40531	19.022	ug/l	97
67) Ethyl Benzene	11.49	91	174772	18.407	ug/l	100
68) m/p-Xylenes	11.60	106	130685	37.916	ug/l	95
69) o-Xylene	11.92	106	61463	19.029	ug/l	100
70) Styrene	11.94	104	108275	19.071	ug/l	98
71) Bromoform	12.10	173	30342	17.404	ug/l #	96
73) Isopropylbenzene	12.23	105	171221	19.038	ug/l	98
74) N-amyl acetate	12.05	43	70563	19.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	60611	19.145	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78879	24.488	ug/l #	100
77) Bromobenzene	12.50	156	41888	18.745	ug/l	95
78) n-propylbenzene	12.57	91	199274	18.876	ug/l	100
79) 2-Chlorotoluene	12.65	91	124345	18.782	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	153554	19.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	19345	18.334	ug/l	99
82) 4-Chlorotoluene	12.75	91	124773	18.289	ug/l	96
83) tert-Butylbenzene	12.97	119	124856	18.912	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	147073	19.703	ug/l	99
85) sec-Butylbenzene	13.15	105	167033	19.266	ug/l	100
86) p-Isopropyltoluene	13.26	119	149672	19.449	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	73893	18.510	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	73503	18.357	ug/l	99
89) n-Butylbenzene	13.59	91	118436	18.197	ug/l	99
90) Hexachloroethane	13.85	117	29432	17.743	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	72769	19.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12358	18.182	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
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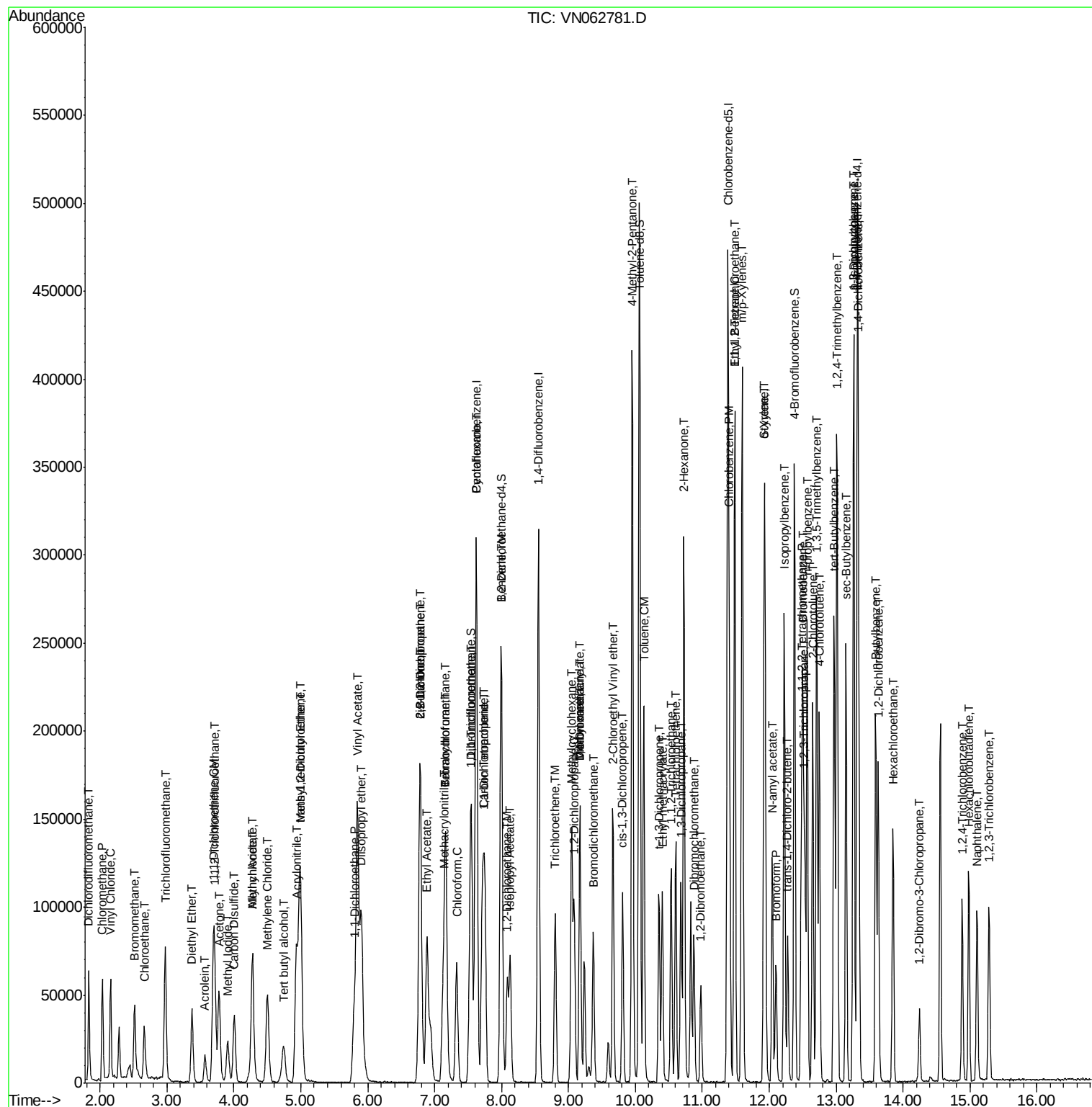
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	31953	18.163	ug/l	97
94) Hexachlorobutadiene	14.98	225	22674	18.266	ug/l	99
95) Naphthalene	15.10	128	83039	17.710	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	32963	18.467	ug/l	99

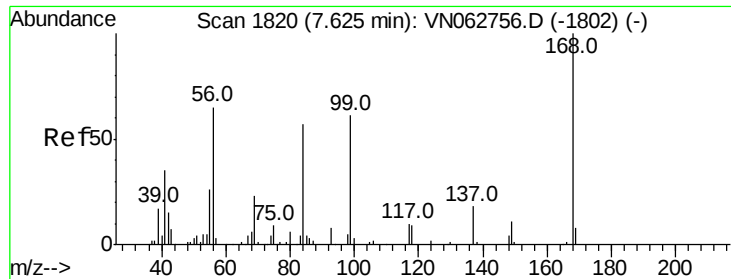
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080720\
Data File : VN062781.D
Acq On : 7 Aug 2020 16:03
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Quant Time: Aug 08 02:13:10 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

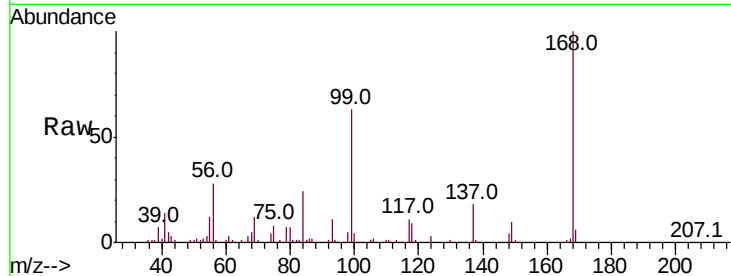
VN0807WBSD01

Tot Ion:168 Resp: 168921

Ion Ratio Lower Upper

168 100

99 62.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

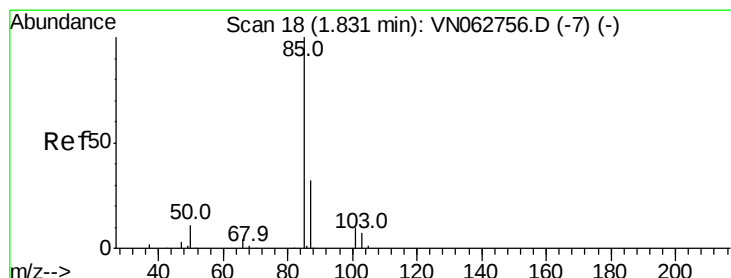
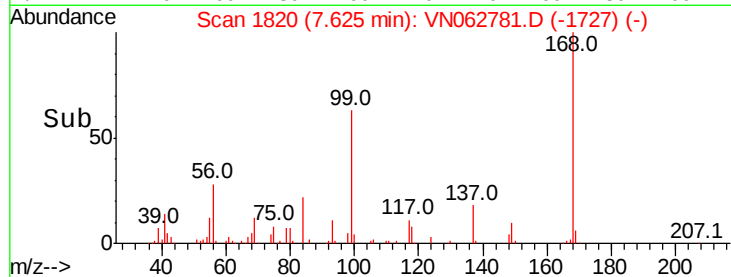
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.400 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062781.D

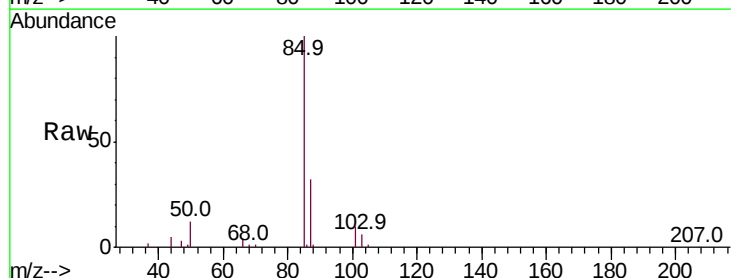
Acq: 7 Aug 2020 16:03

Tgt Ion: 85 Resp: 49346

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

20000

10000

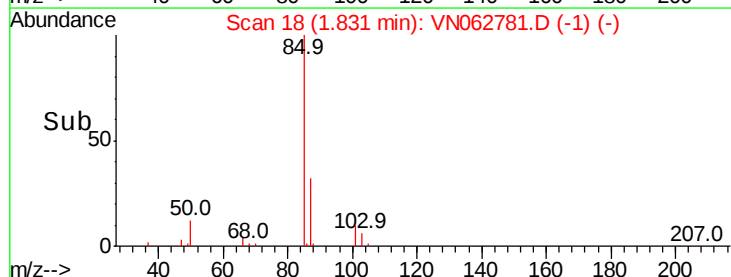
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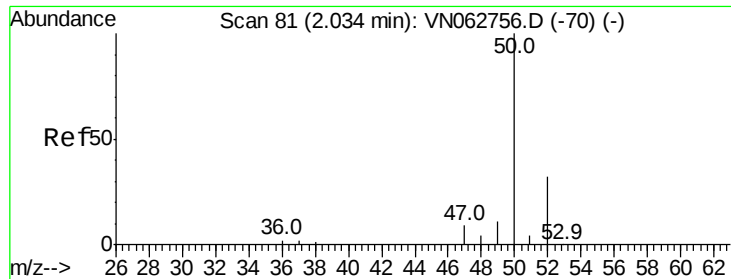
1.80

1.85

1.90

Time-->

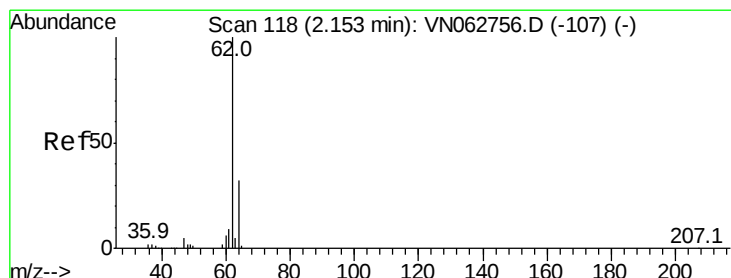
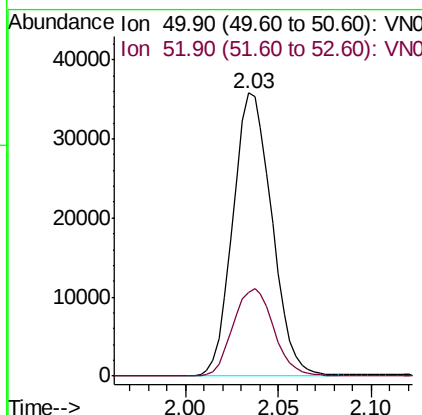
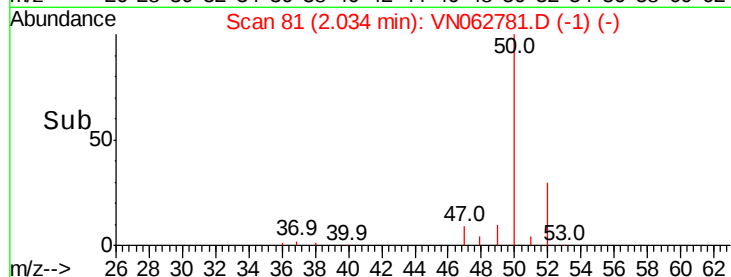
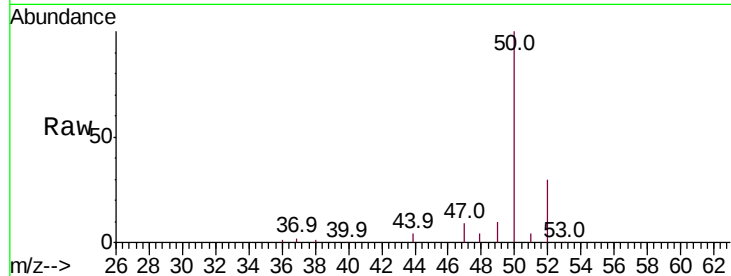




#3
 Chloromethane
 Concen: 22.952 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

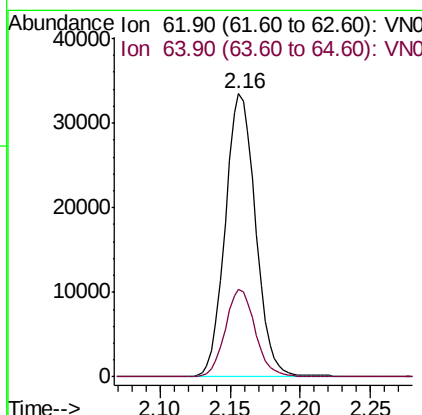
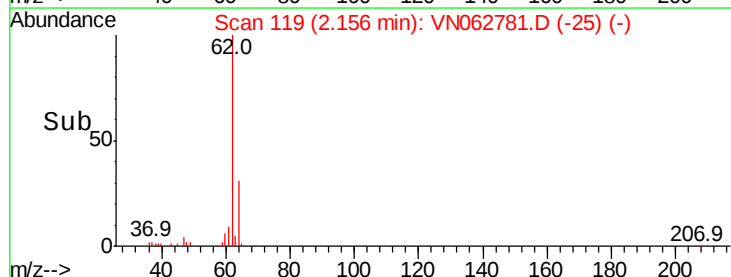
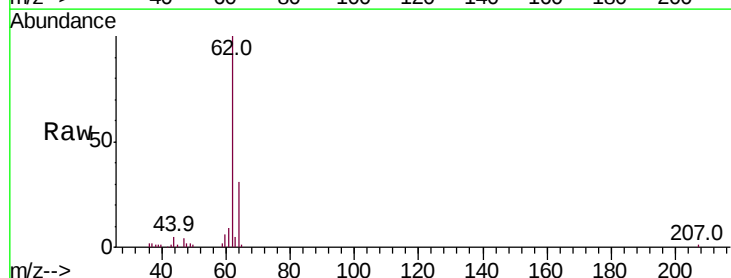
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

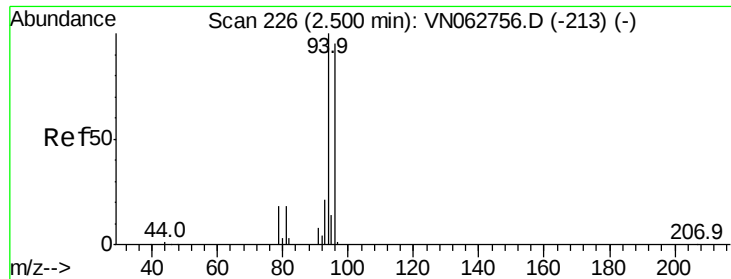
Tot Ion: 50 Resp: 52390
 Ion Ratio Lower Upper
 50 100
 52 29.8 25.6 38.4



#4
 Vinyl Chloride
 Concen: 23.495 ug/l
 RT: 2.16 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 62 Resp: 50302
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.8 38.8





#5

Bromomethane

Concen: 19.688 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

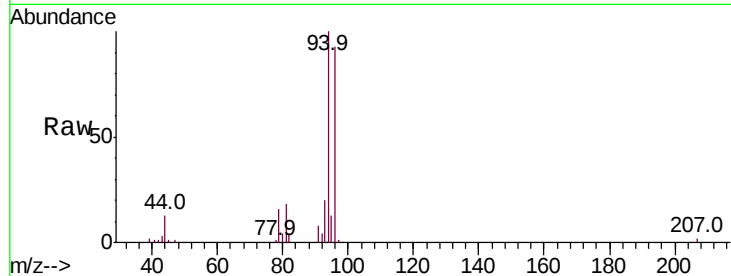
VN0807WBSD01

Tot Ion: 94 Resp: 27903

Ion Ratio Lower Upper

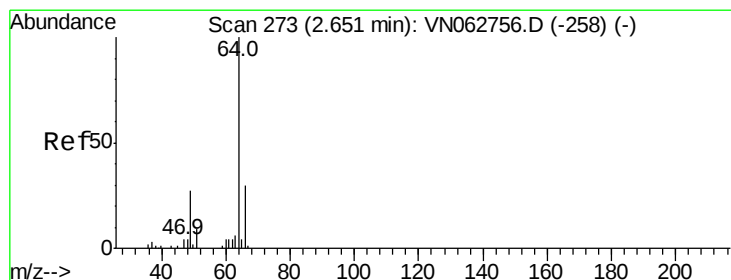
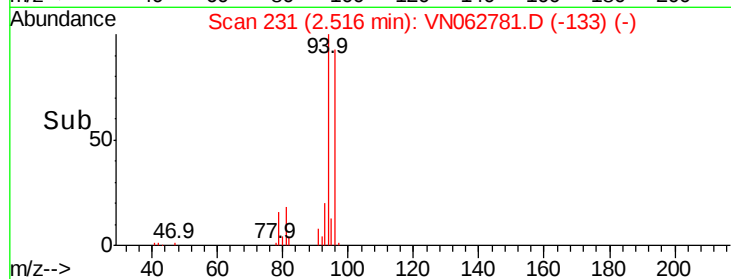
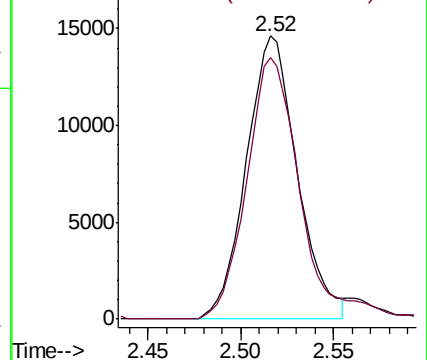
94 100

96 92.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.874 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062781.D

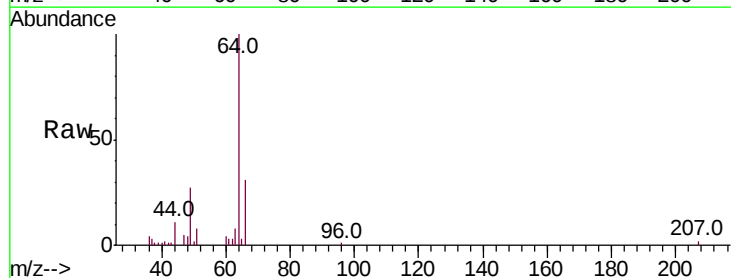
Acq: 7 Aug 2020 16:03

Tgt Ion: 64 Resp: 29400

Ion Ratio Lower Upper

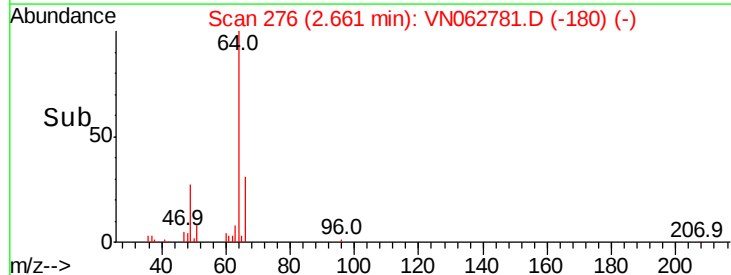
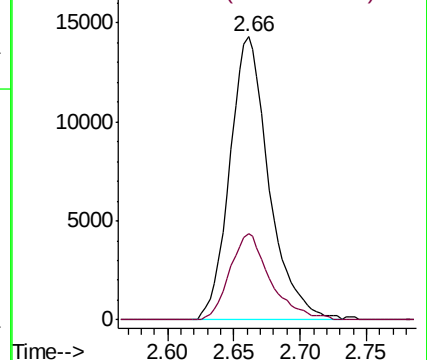
64 100

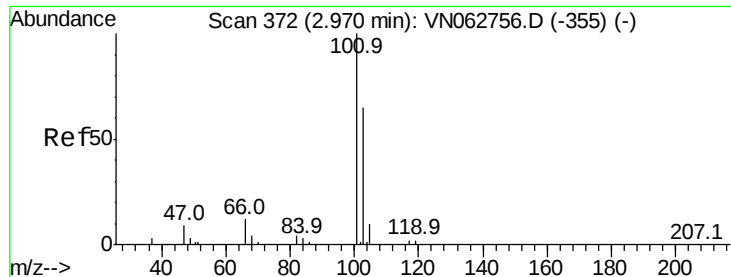
66 30.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



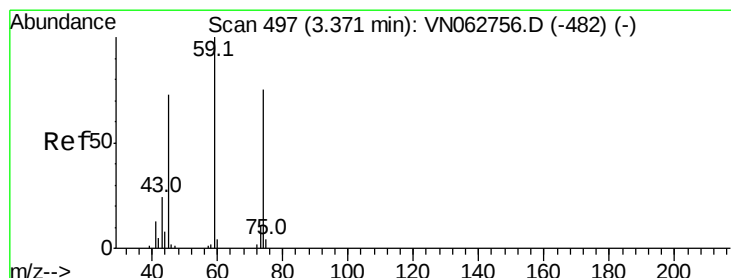
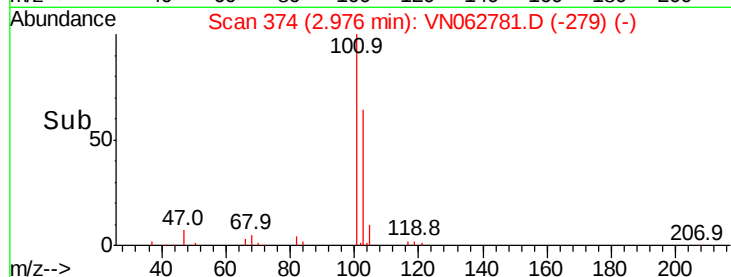
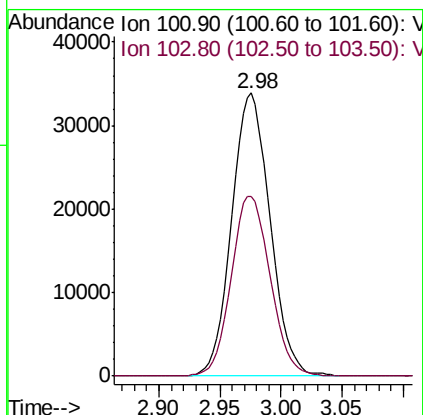
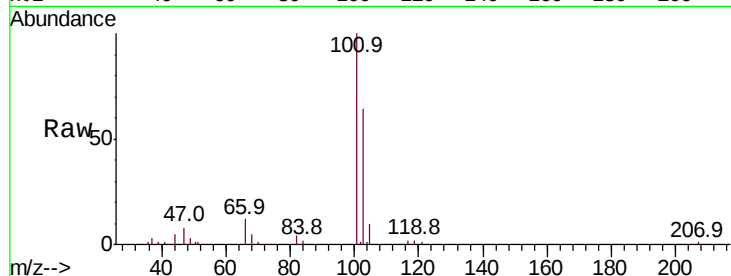


#7

Trichlorofluoromethane
 Concen: 19.388 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
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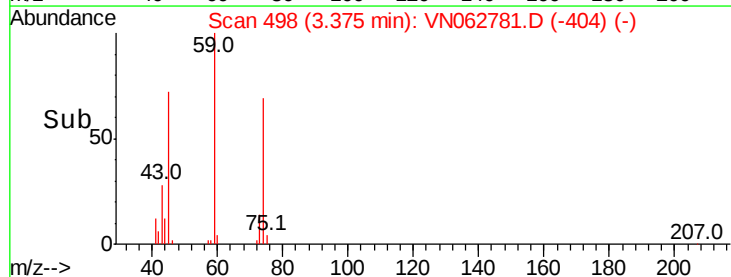
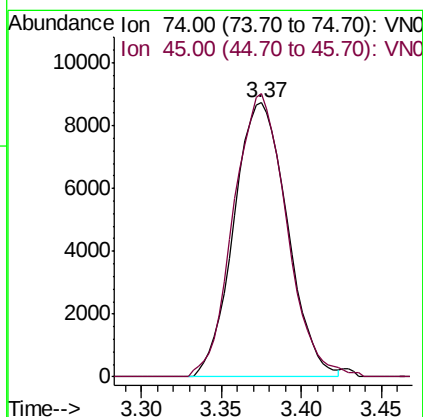
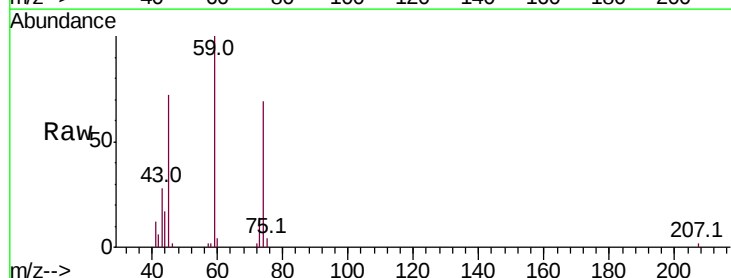
Tot Ion:101 Resp: 74015
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5

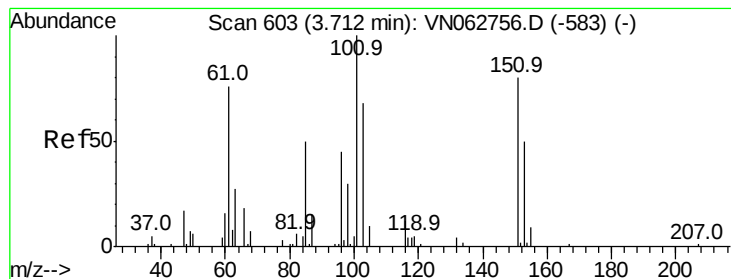


#8

Diethyl Ether
 Concen: 18.251 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 74 Resp: 19946
 Ion Ratio Lower Upper
 74 100
 45 103.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.798 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

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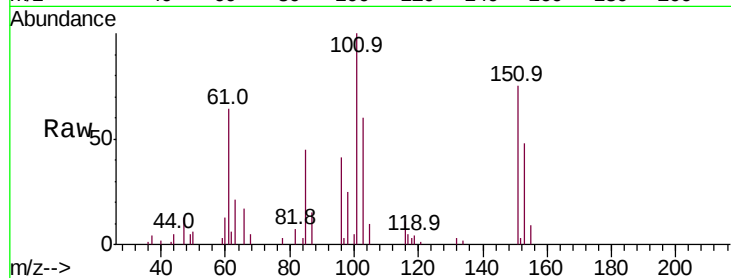
Tot Ion:101 Resp: 32812

Ion Ratio Lower Upper

101 100

85 44.7 38.5 57.7

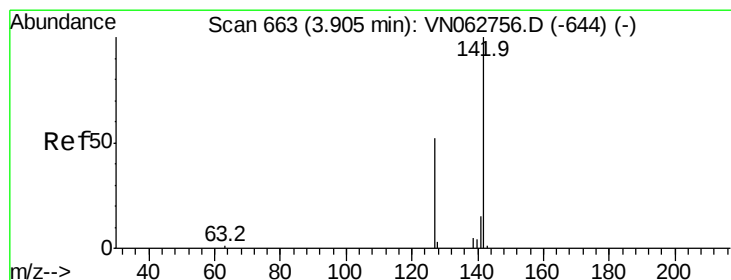
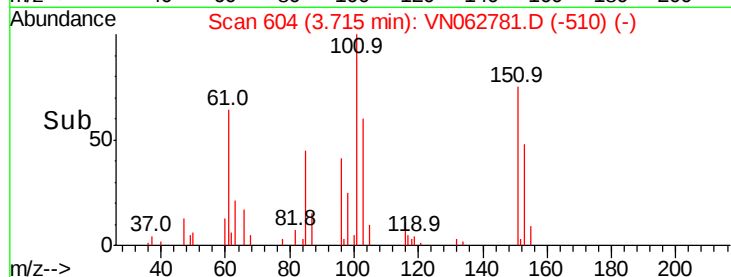
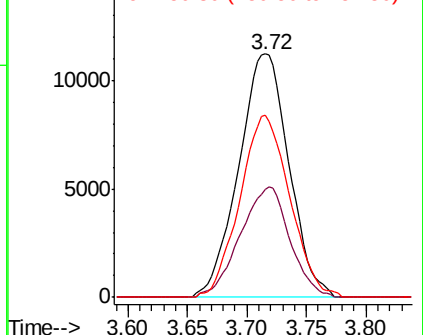
151 74.3 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.816 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

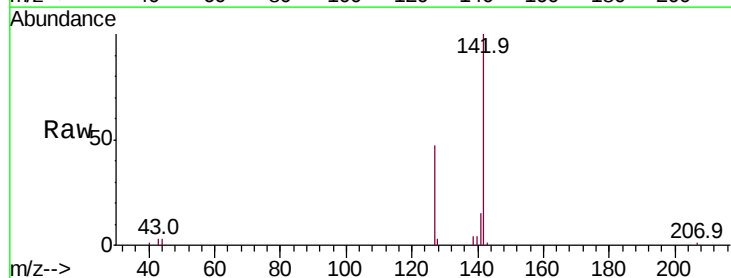
Tgt Ion:142 Resp: 36667

Ion Ratio Lower Upper

142 100

127 49.6 41.4 62.0

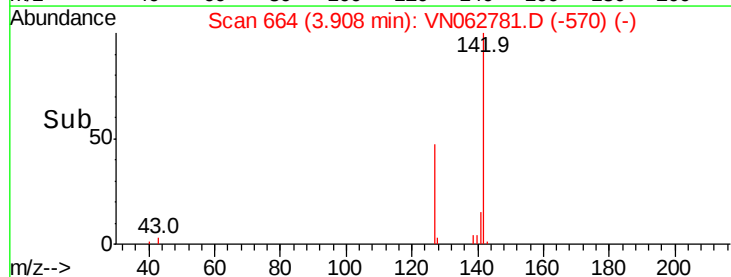
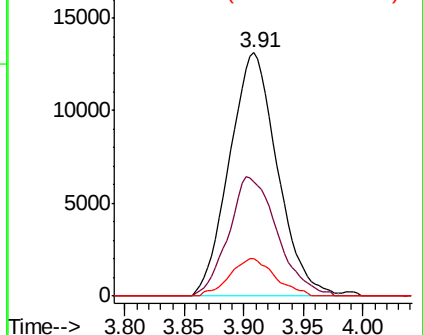
141 14.5 12.2 18.4

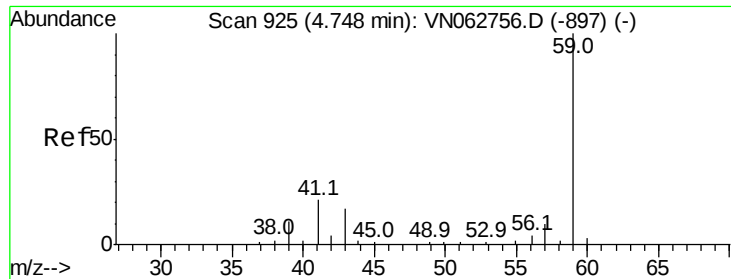


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

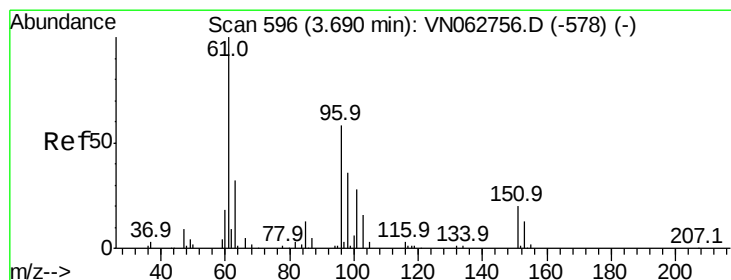
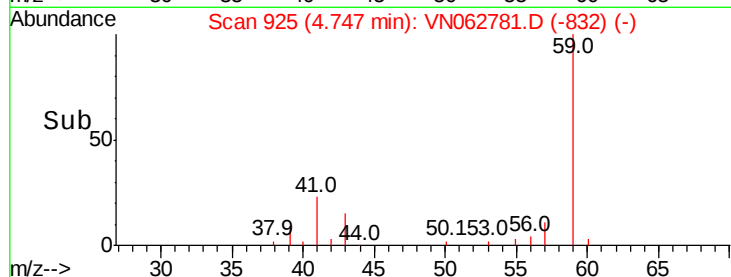
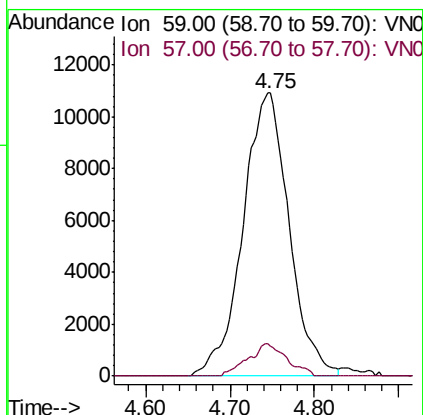
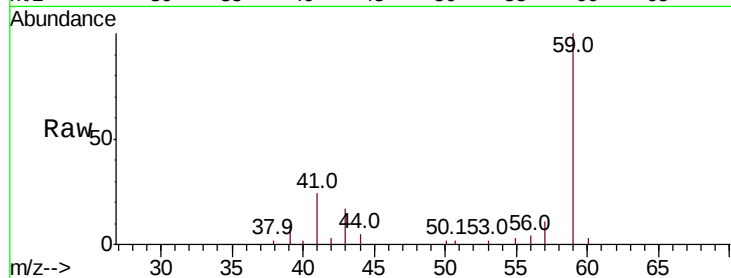




#11
Tert butyl alcohol
Concen: 90.578 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

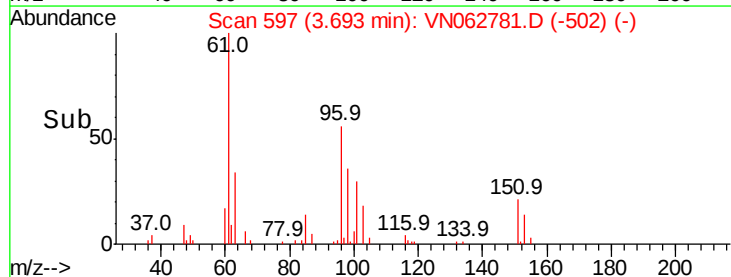
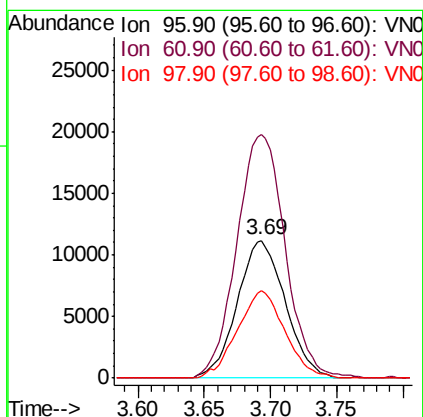
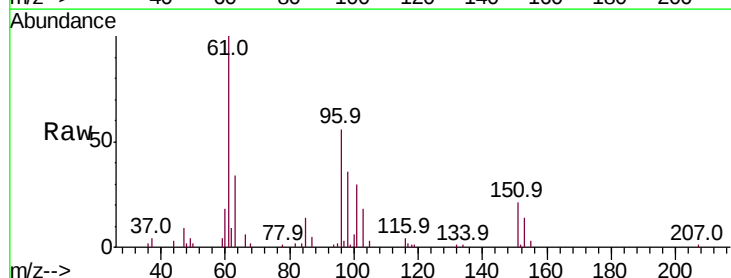
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

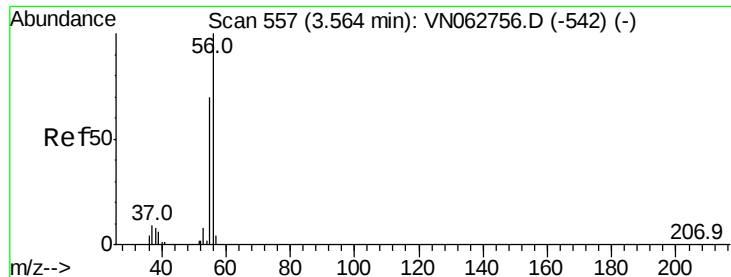
Tot Ion: 59 Resp: 41470
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.774 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 96 Resp: 28058
Ion Ratio Lower Upper
96 100
61 177.0 139.0 208.6
98 64.0 50.2 75.4





#13

Acrolein

Concen: 63.754 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

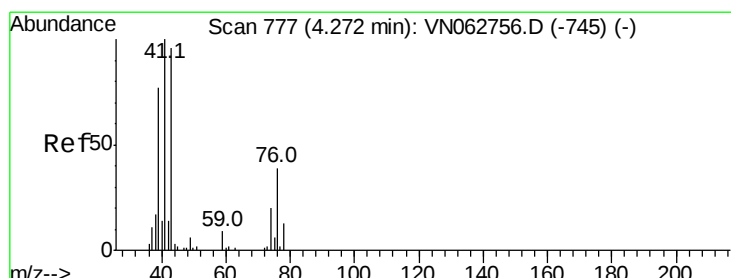
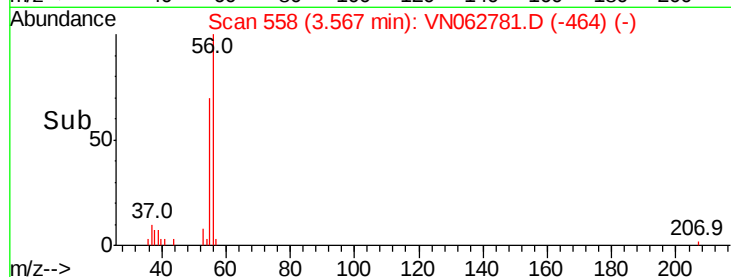
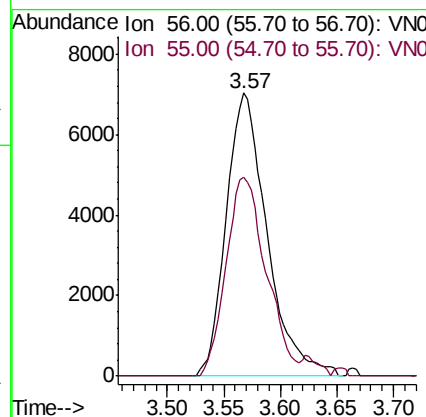
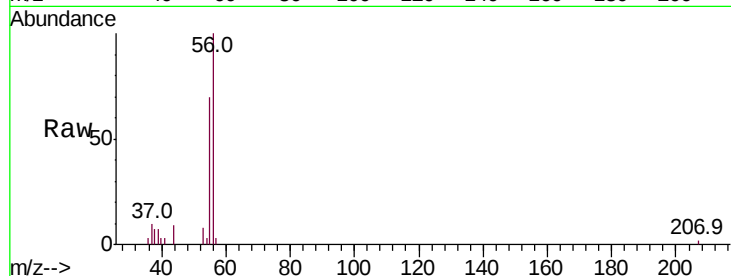
VN0807WBSD01

Tot Ion: 56 Resp: 17673

Ion Ratio Lower Upper

56 100

55 69.1 57.0 85.6



#14

Allyl chloride

Concen: 18.373 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

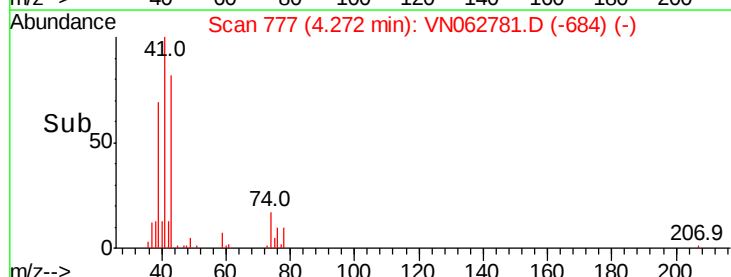
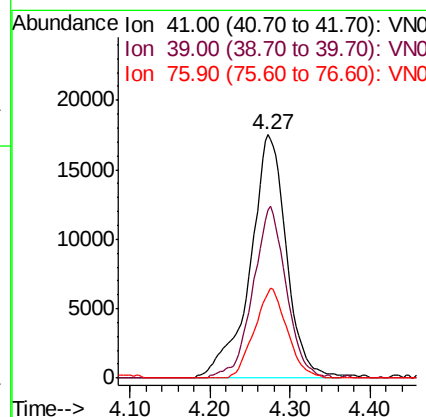
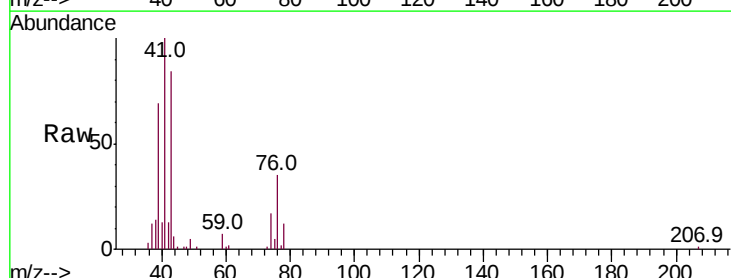
Tgt Ion: 41 Resp: 54337

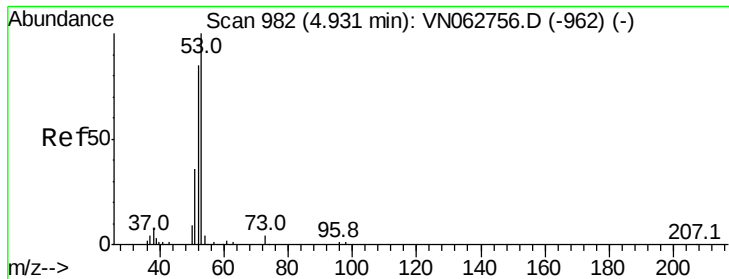
Ion Ratio Lower Upper

41 100

39 64.6 55.7 83.5

76 33.2 27.5 41.3





#15

Acrylonitrile

Concen: 95.135 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

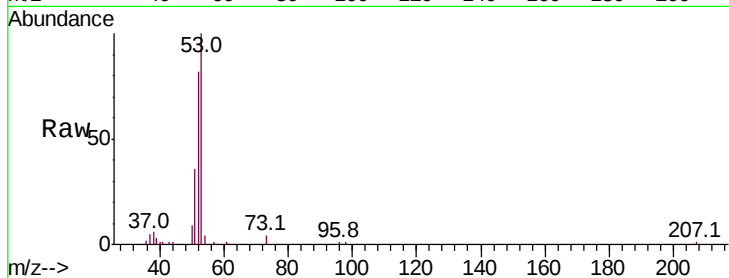
Tot Ion: 53 Resp: 101024

Ion Ratio Lower Upper

53 100

52 83.9 66.8 100.2

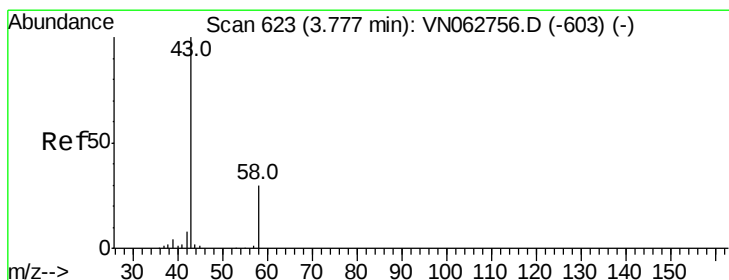
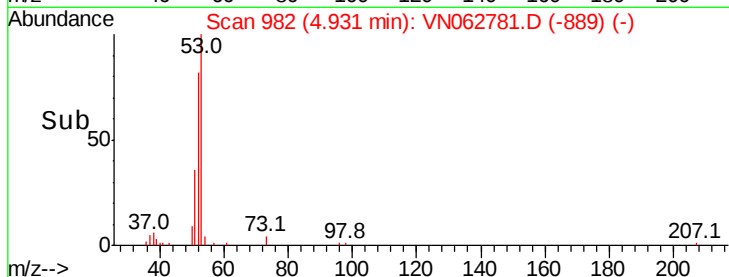
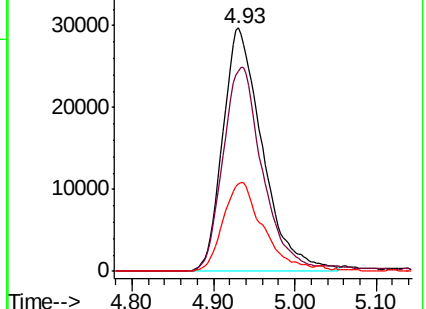
51 36.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 86.504 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062781.D

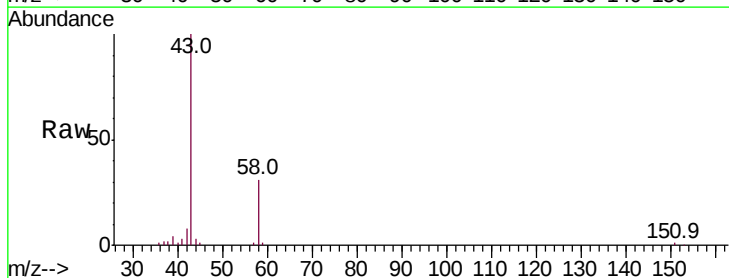
Acq: 7 Aug 2020 16:03

Tgt Ion: 43 Resp: 87315

Ion Ratio Lower Upper

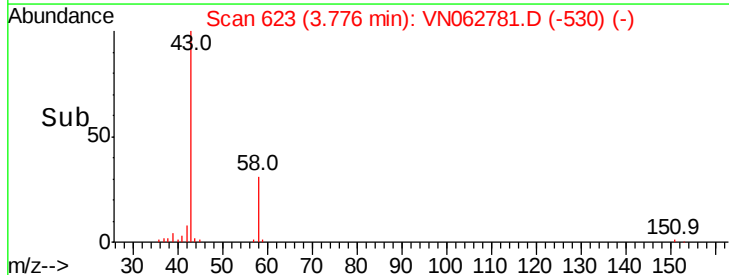
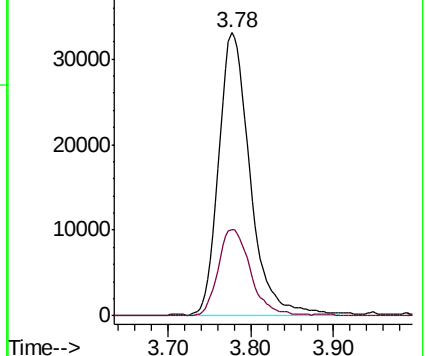
43 100

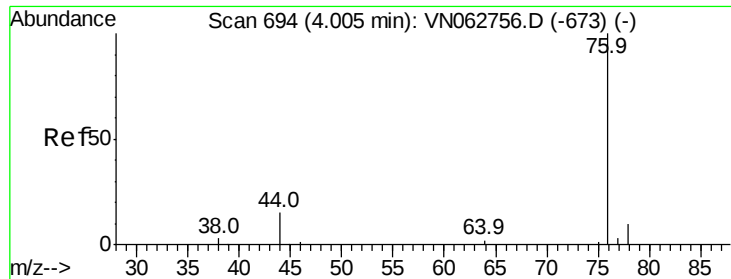
58 30.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.411 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

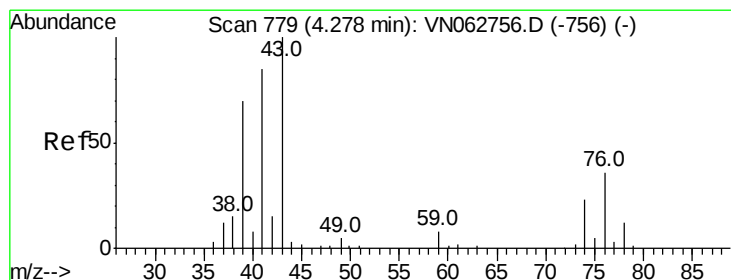
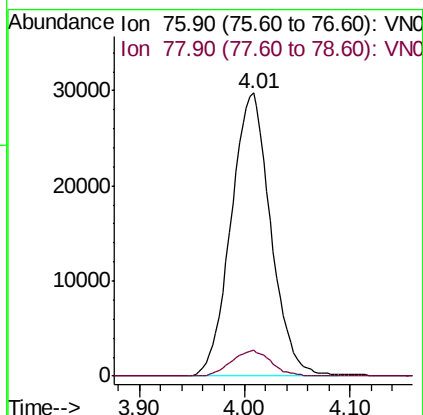
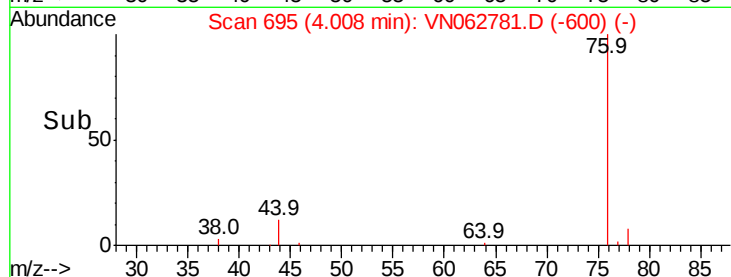
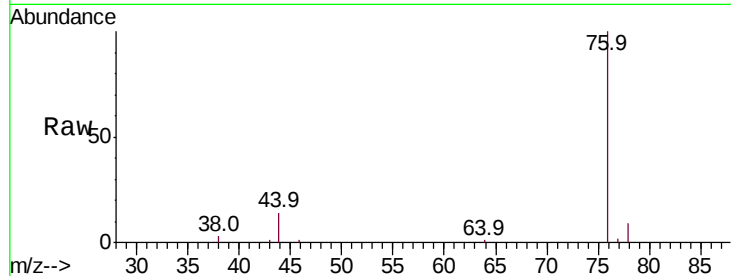
VN0807WBSD01

Tot Ion: 76 Resp: 77592

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



#18

Methyl Acetate

Concen: 20.017 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062781.D

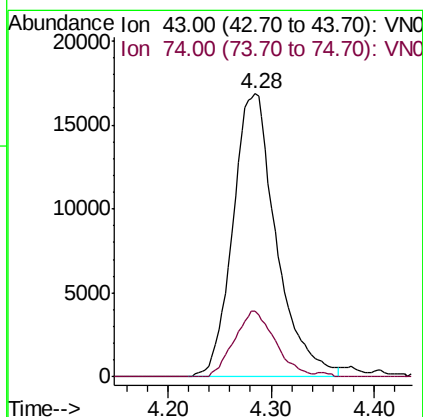
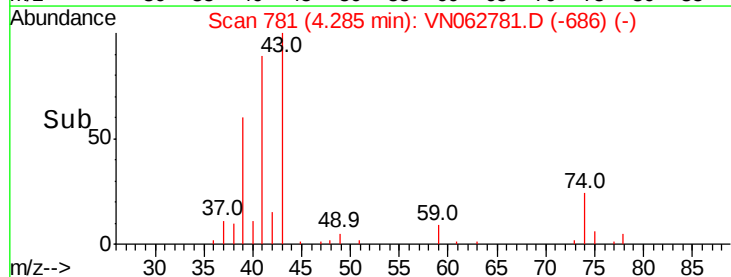
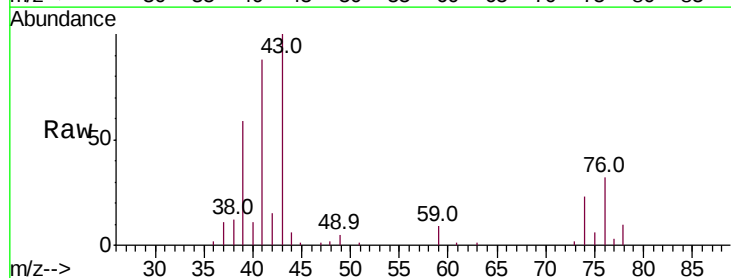
Acq: 7 Aug 2020 16:03

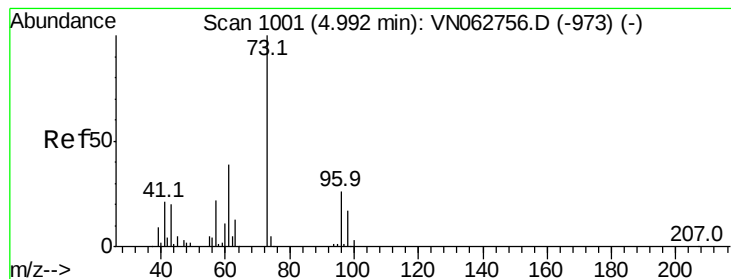
Tgt Ion: 43 Resp: 49404

Ion Ratio Lower Upper

43 100

74 22.0 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 18.619 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

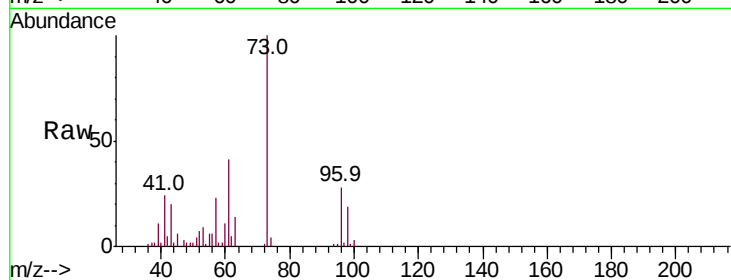
VN0807WBSD01

Tot Ion: 73 Resp: 121853

Ion Ratio Lower Upper

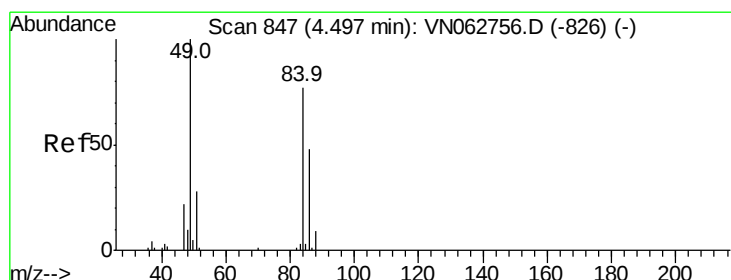
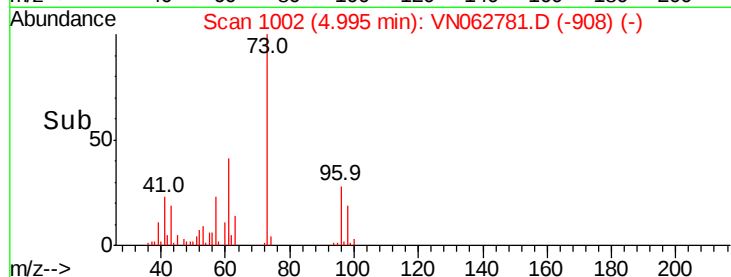
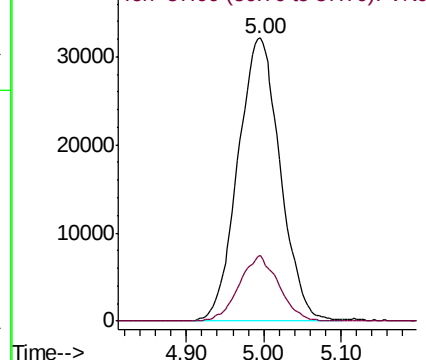
73 100

57 23.2 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 19.773 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion: 84 Resp: 37374

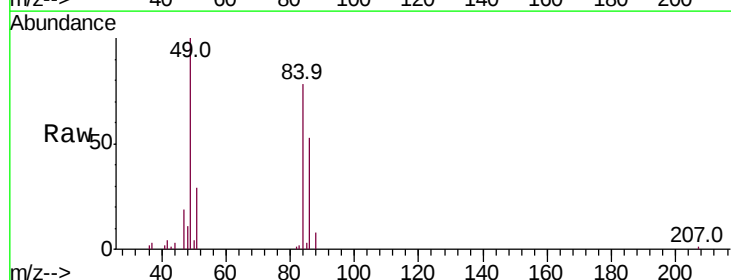
Ion Ratio Lower Upper

84 100

49 127.6 103.4 155.2

51 37.2 29.3 43.9

86 67.9 49.9 74.9

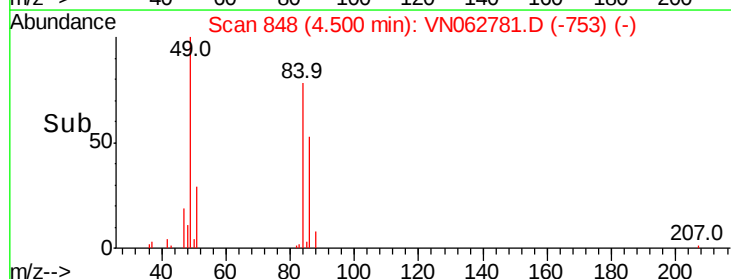
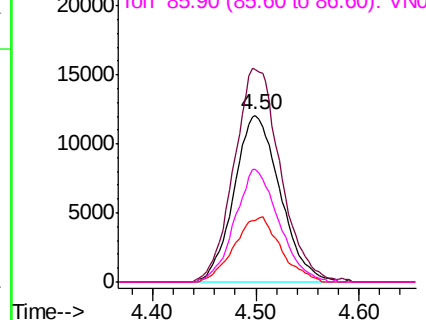


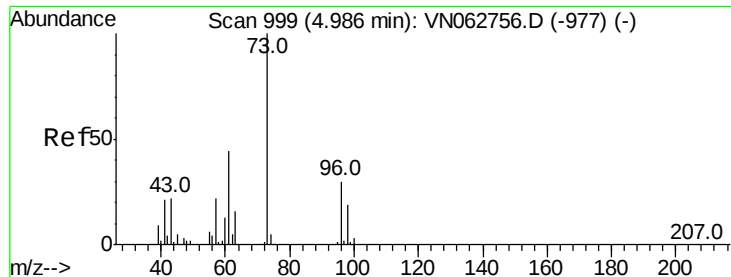
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 18.427 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

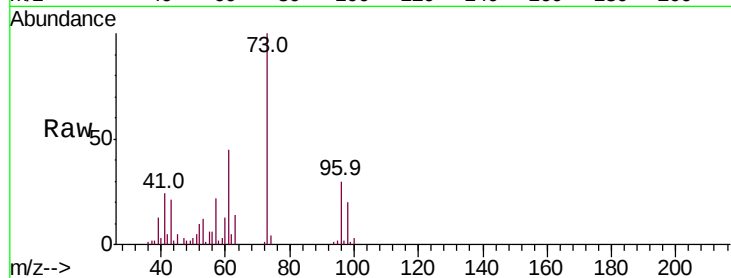
Tot Ion: 96 Resp: 31149

Ion Ratio Lower Upper

96 100

61 150.1 118.8 178.2

98 66.3 51.0 76.4

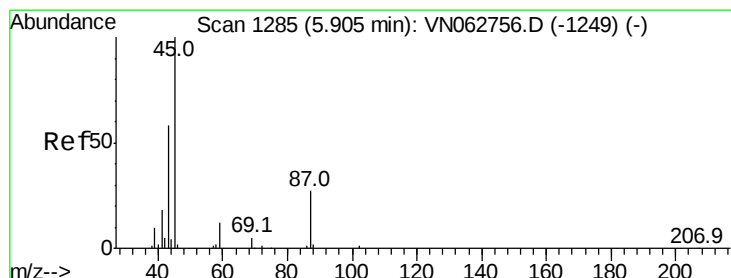
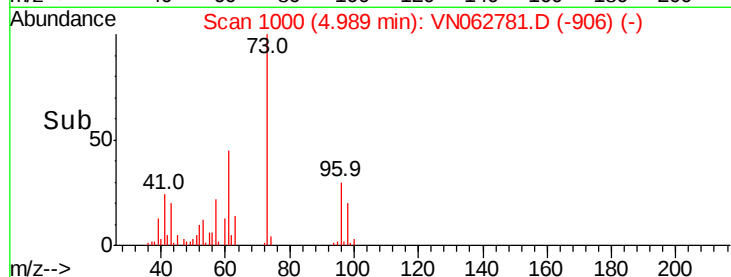
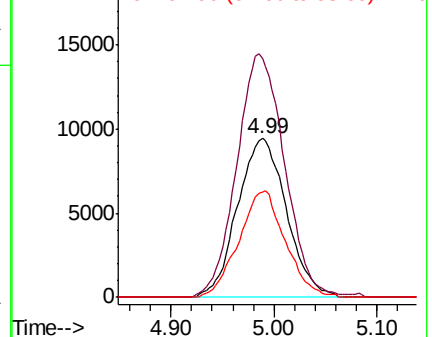


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.820 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion: 45 Resp: 124782

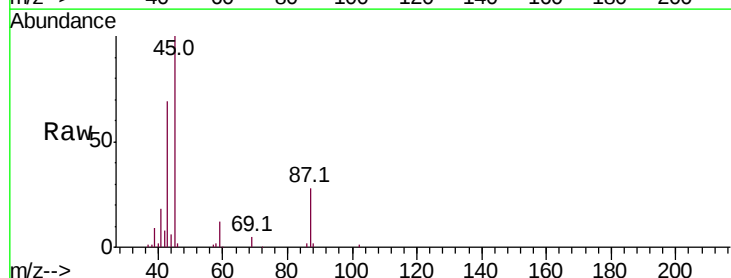
Ion Ratio Lower Upper

45 100

43 66.8 47.4 71.2

87 27.5 22.8 34.2

59 11.6 9.9 14.9



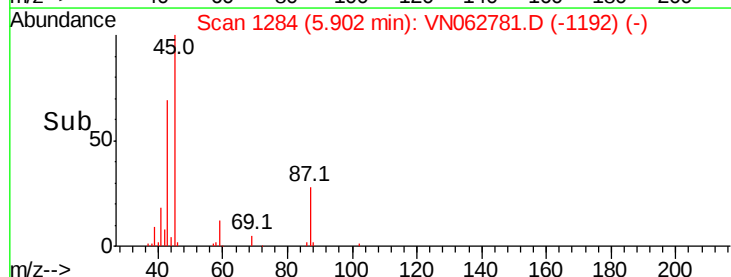
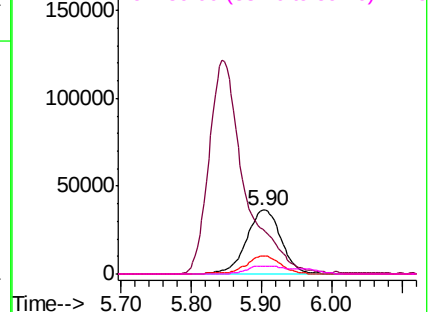
Abundance

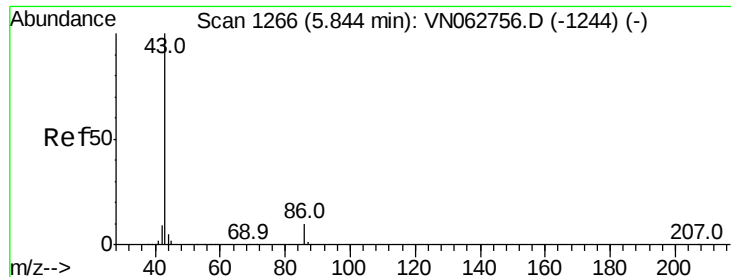
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 89.365 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

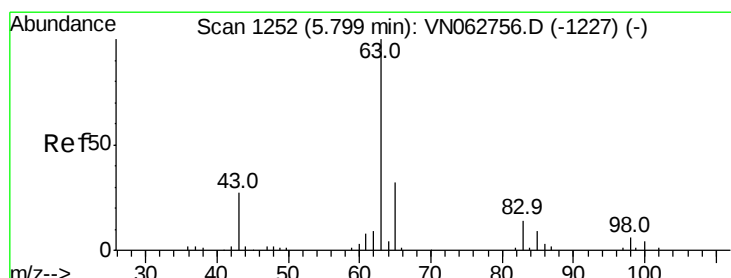
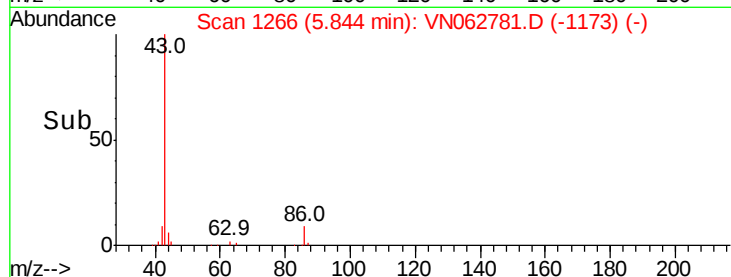
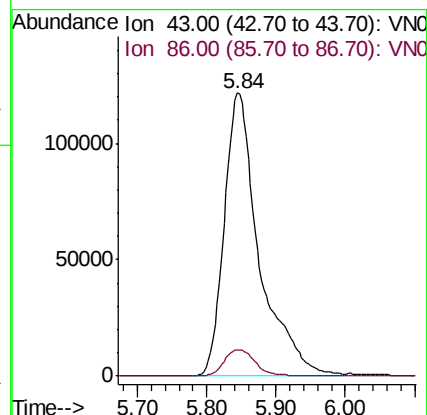
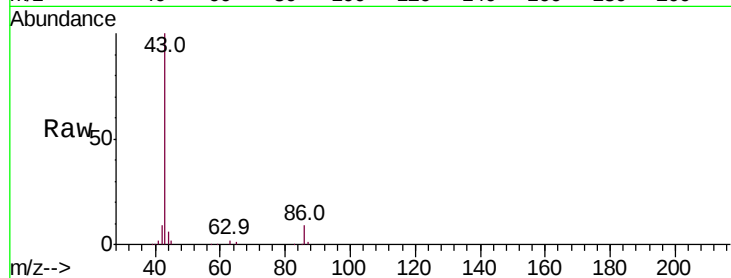
VN0807WBSD01

Tot Ion: 43 Resp: 427942

Ion Ratio Lower Upper

43 100

86 9.4 7.7 11.5



#24

1,1-Dichloroethane

Concen: 18.533 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

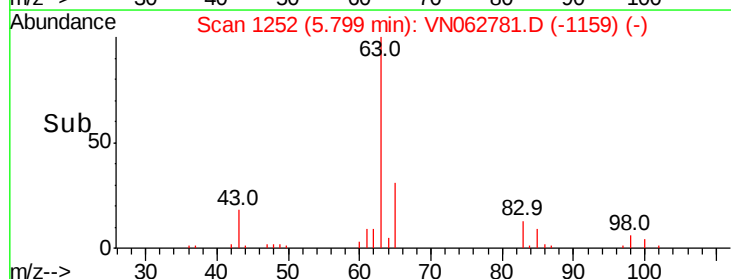
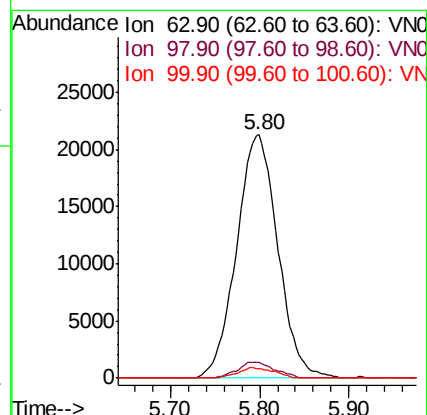
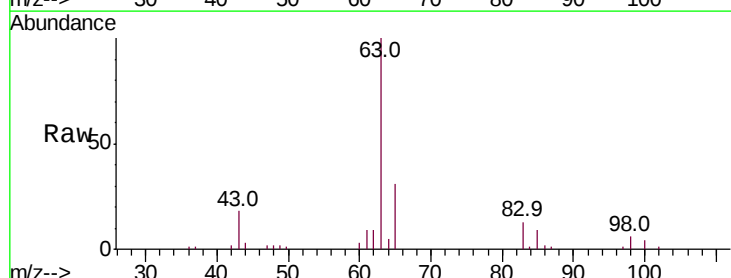
Tgt Ion: 63 Resp: 68378

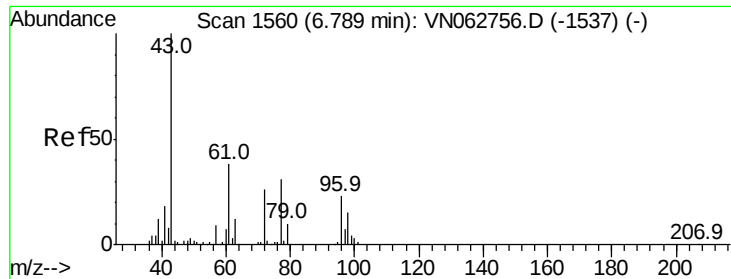
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.6 1.9 5.7

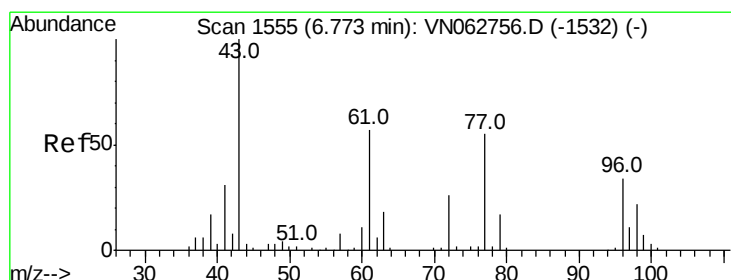
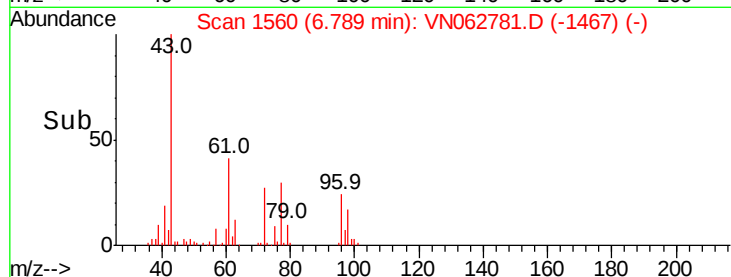
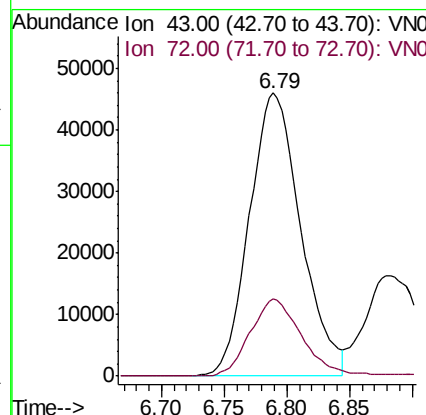
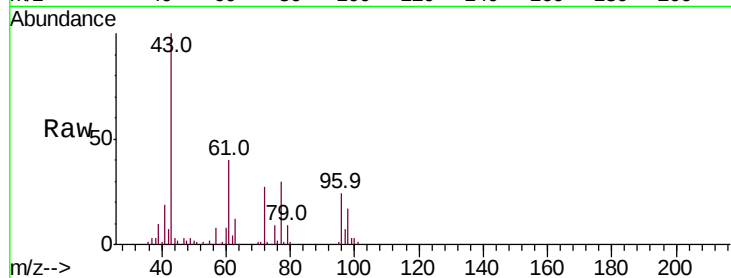




#25
2-Butanone
Concen: 91.718 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

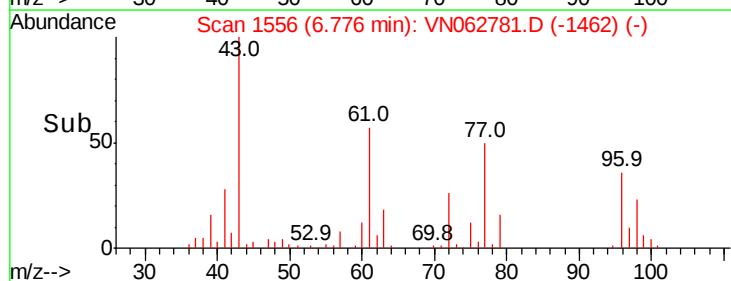
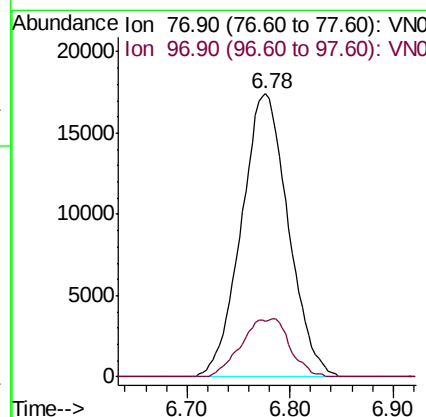
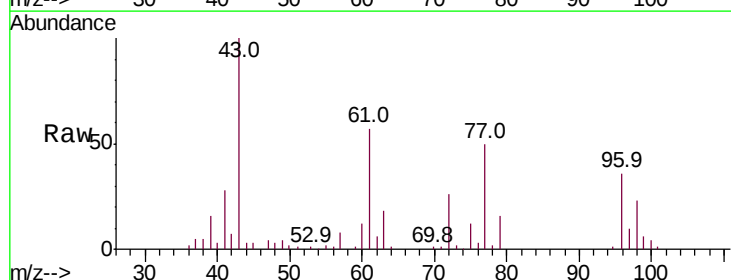
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

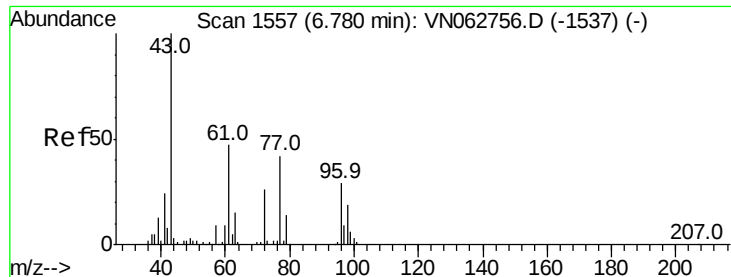
Tot Ion: 43 Resp: 131118
Ion Ratio Lower Upper
43 100
72 27.3 21.1 31.7



#26
2,2-Dichloropropane
Concen: 16.184 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 77 Resp: 55041
Ion Ratio Lower Upper
77 100
97 11.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.413 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

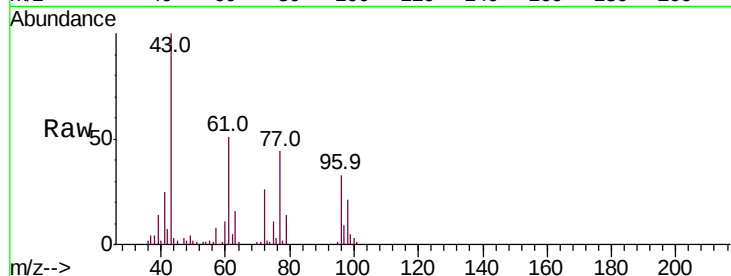
Tot Ion: 96 Resp: 37338

Ion Ratio Lower Upper

96 100

61 161.7 0.0 332.2

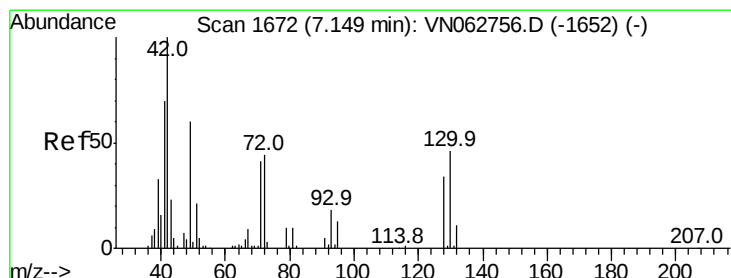
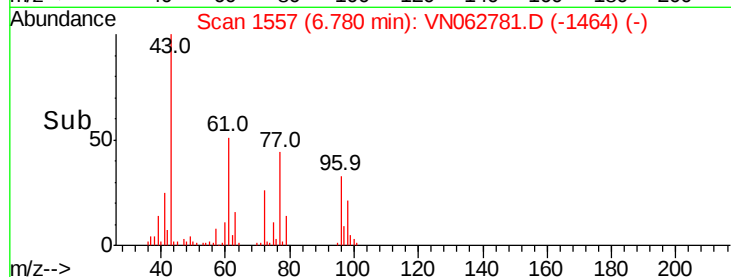
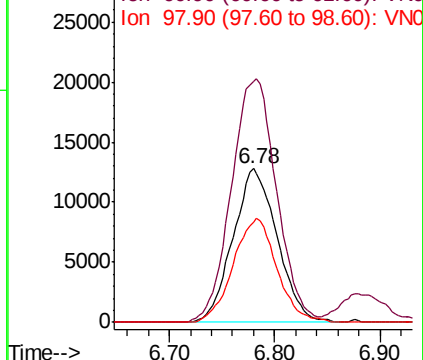
98 66.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1537) (-)



#28

Bromochloromethane

Concen: 19.160 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

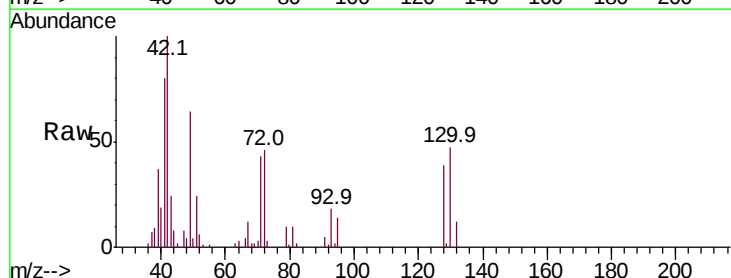
Tgt Ion: 49 Resp: 34117

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

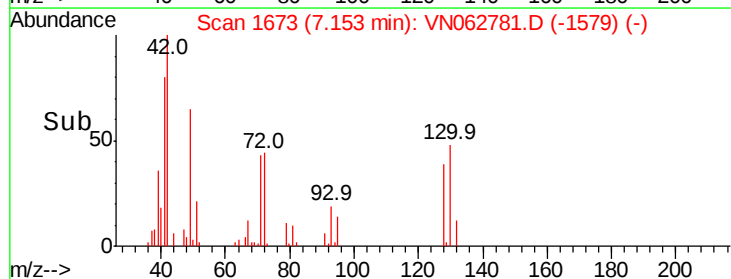
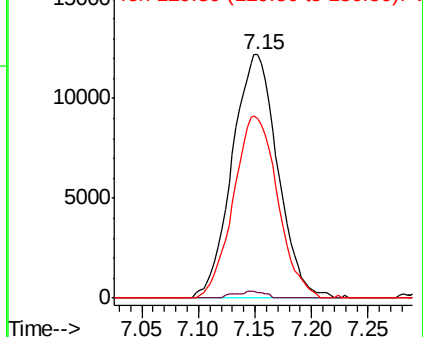
130 72.6 59.0 88.6

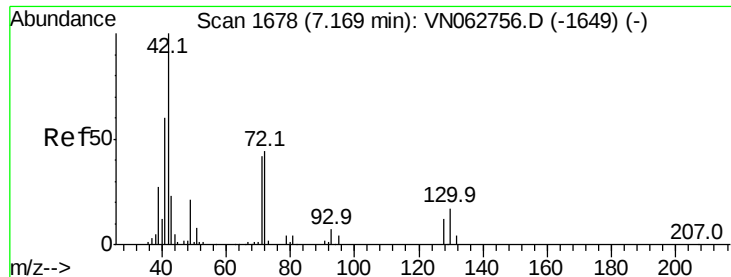


Abundance Ion 48.90 (48.60 to 49.60): VN062756.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062756.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062756.D (-1652) (-)





#29

Tetrahydrofuran

Concen: 94.956 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

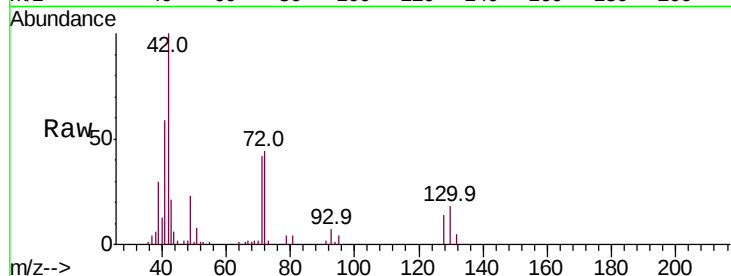
Tot Ion: 42 Resp: 88190

Ion Ratio Lower Upper

42 100

72 43.5 35.0 52.4

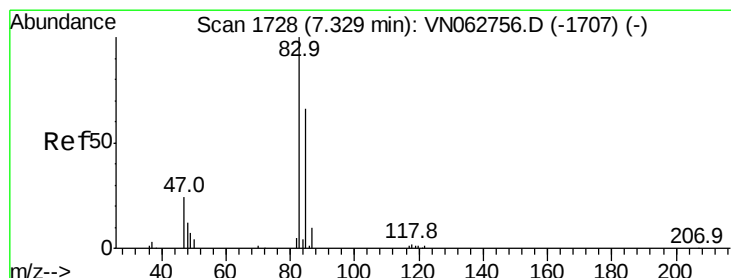
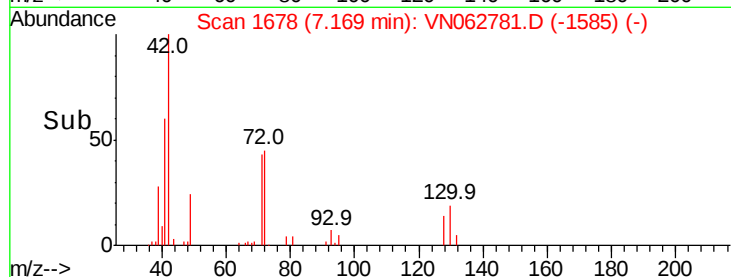
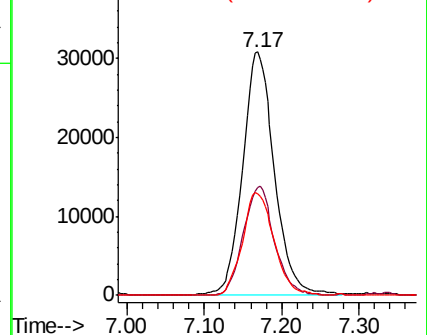
71 41.8 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.815 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062781.D

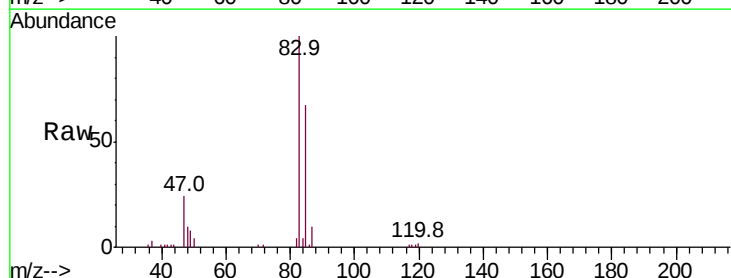
Acq: 7 Aug 2020 16:03

Tgt Ion: 83 Resp: 73771

Ion Ratio Lower Upper

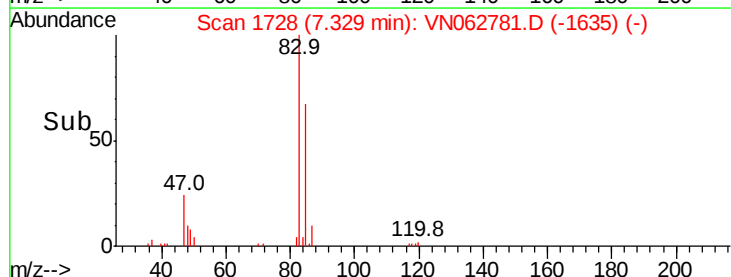
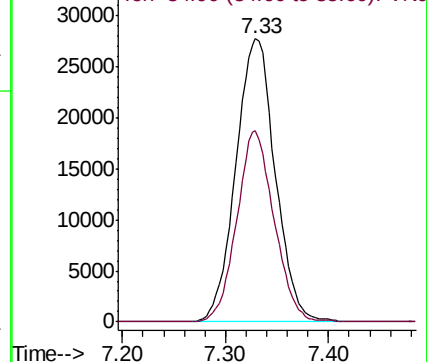
83 100

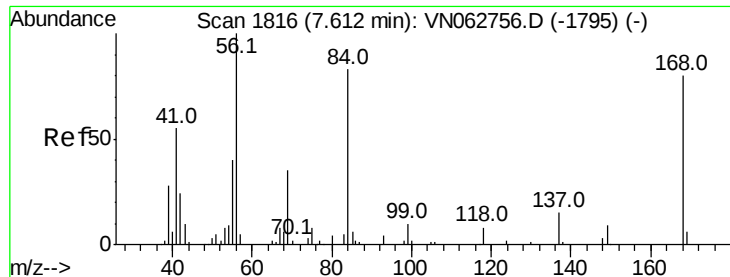
85 67.4 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.119 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

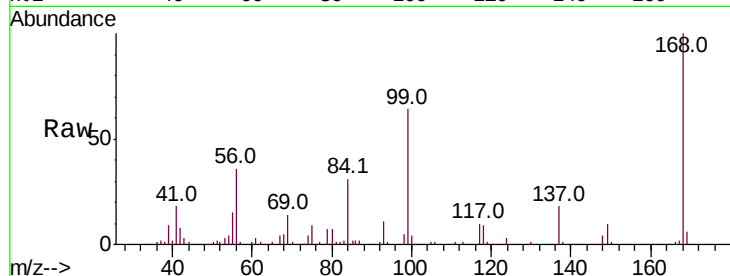
Tot Ion: 56 Resp: 64753

Ion Ratio Lower Upper

56 100

69 38.6 28.1 42.1

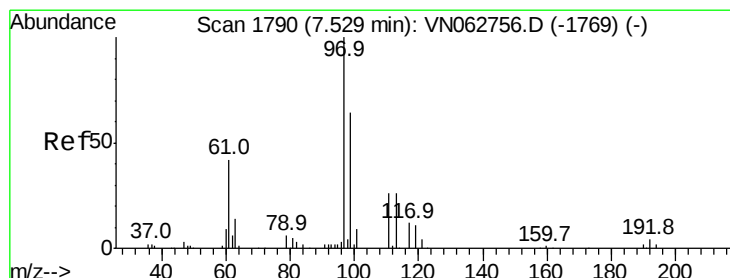
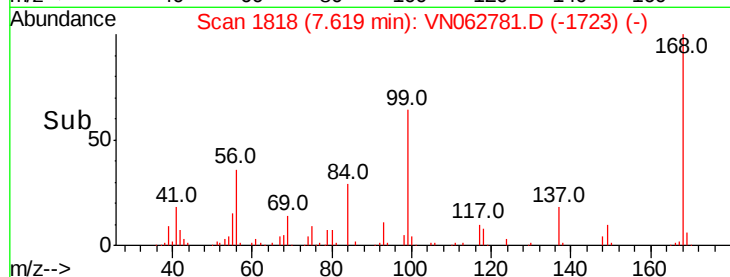
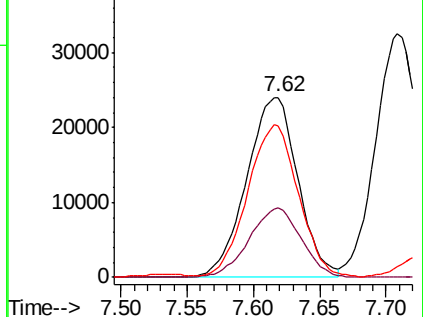
84 83.4 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062756.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062756.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 17.810 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

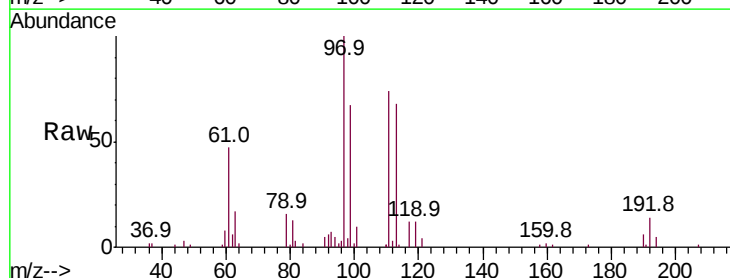
Tgt Ion: 97 Resp: 62437

Ion Ratio Lower Upper

97 100

99 65.0 50.0 75.0

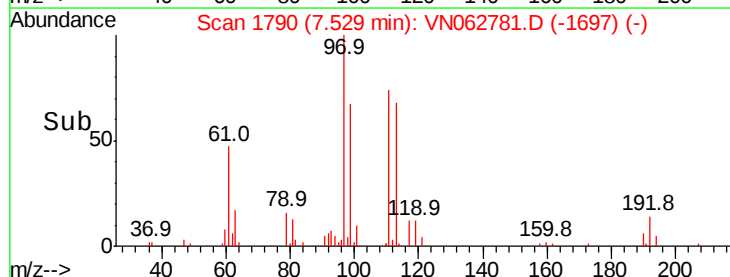
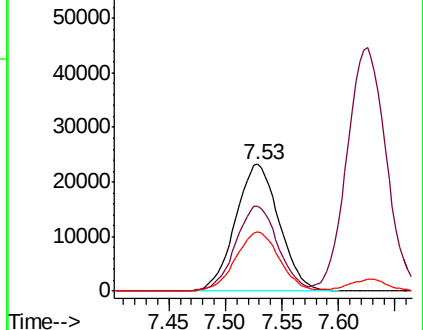
61 46.5 34.8 52.2

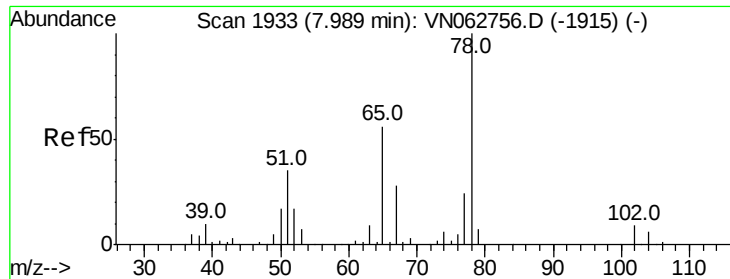


Abundance Ion 96.90 (96.60 to 97.60): VN062756.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN062756.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-1769) (-)

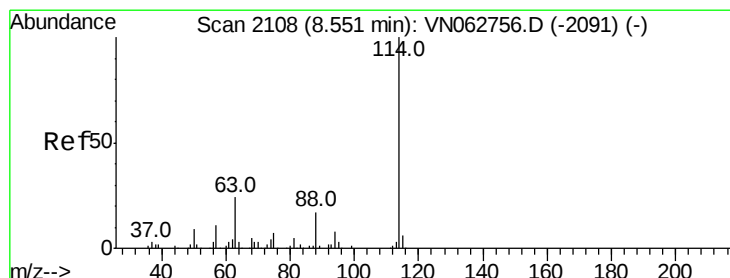
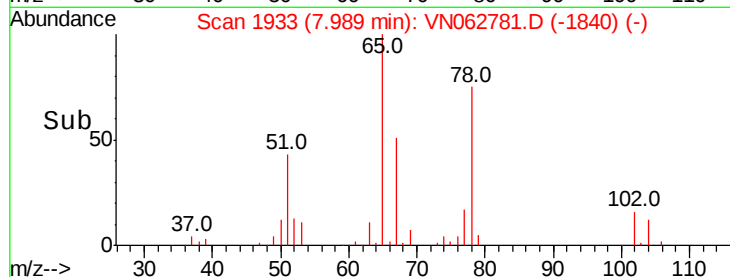
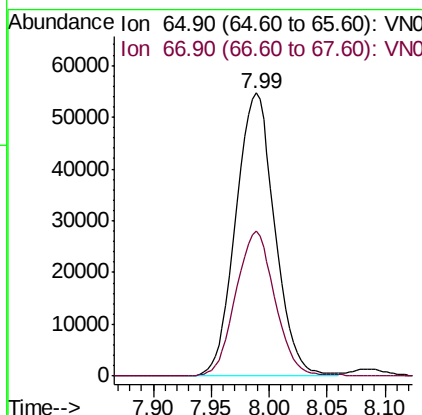
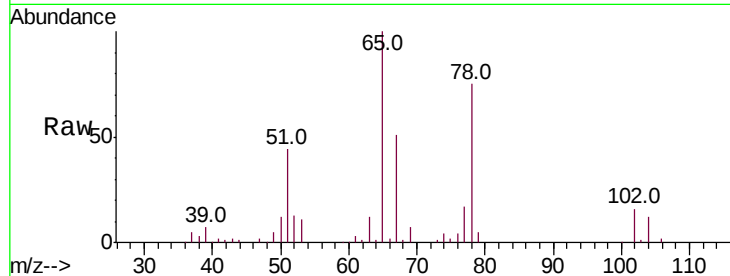




#33
 1,2-Dichloroethane-d4
 Concen: 45.723 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

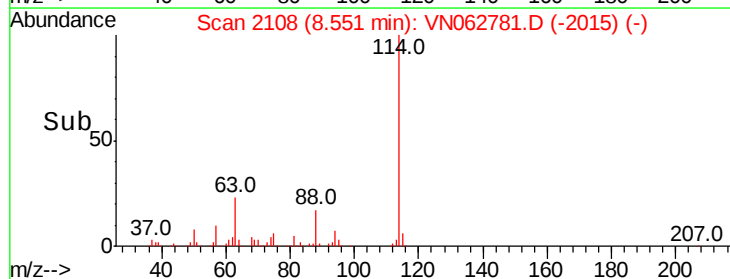
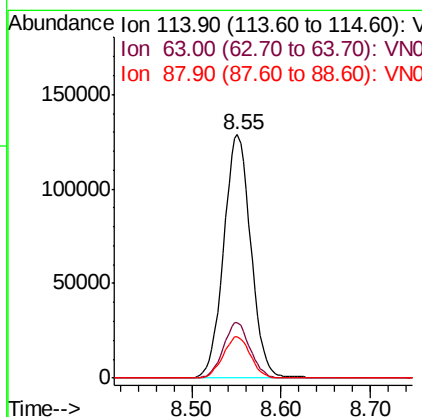
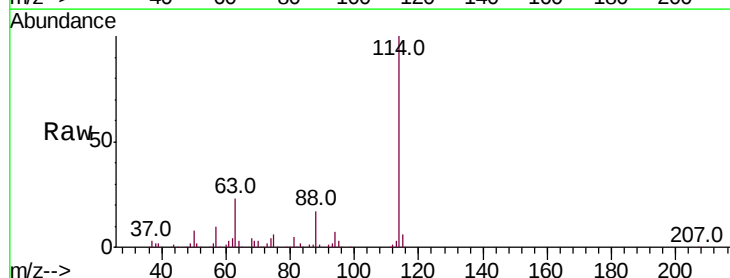
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

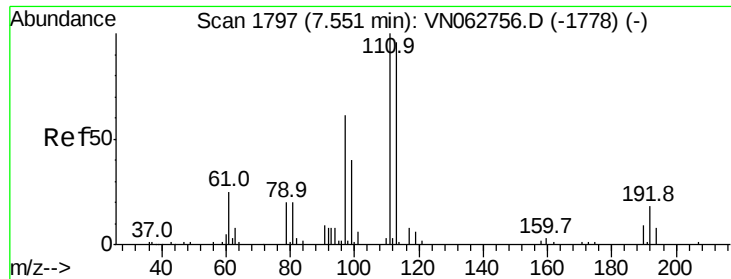
Tot Ion: 65 Resp: 127724
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 114 Resp: 270836
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.6
 88 16.8 0.0 34.4

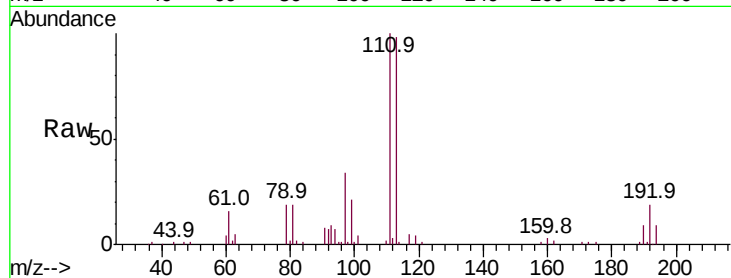




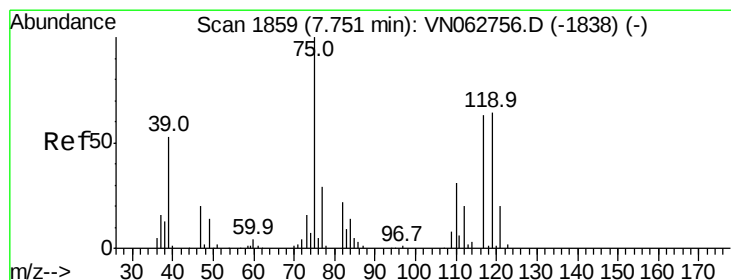
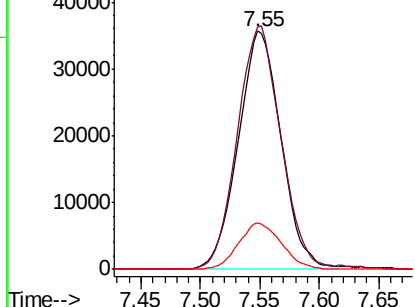
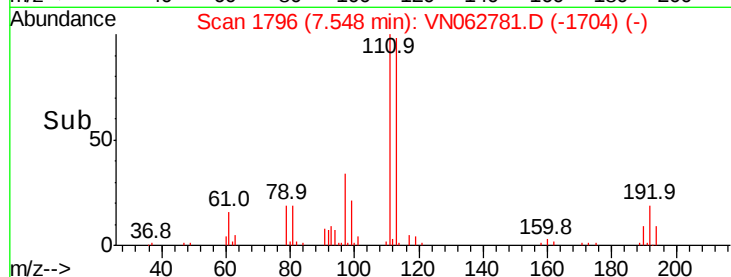
#35
 Dibromofluoromethane
 Concen: 48.019 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	19.4	15.0	22.4

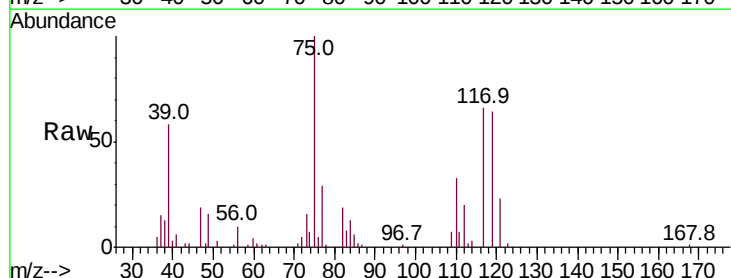


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

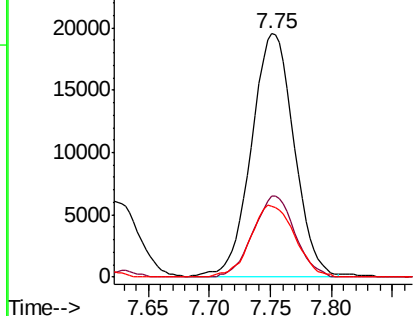
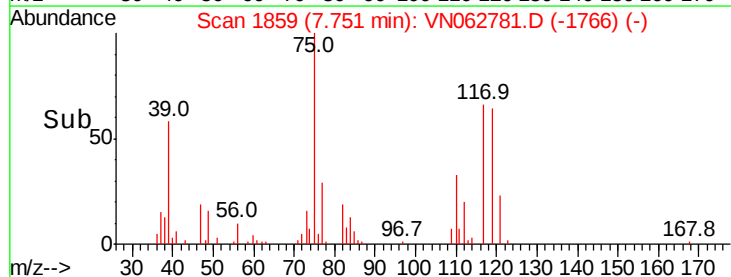


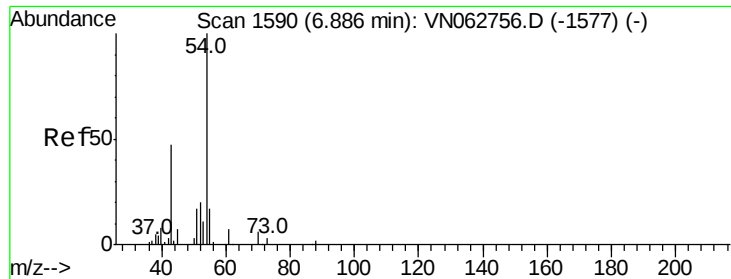
#36
 1,1-Dichloropropene
 Concen: 18.033 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	15.6	46.7
77	30.4	24.1	36.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

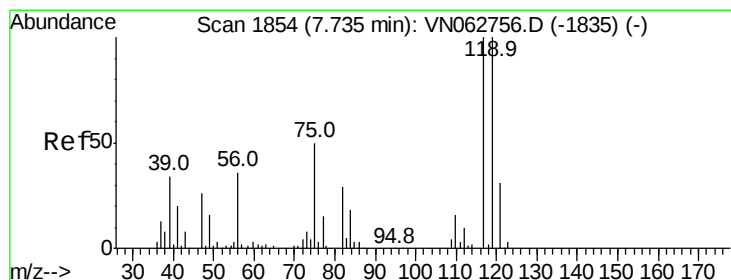
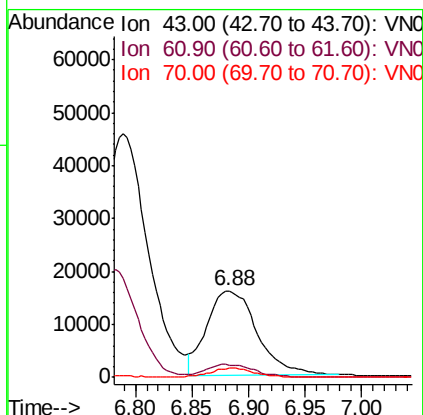
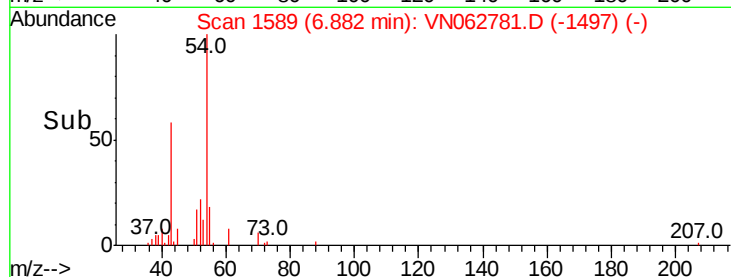
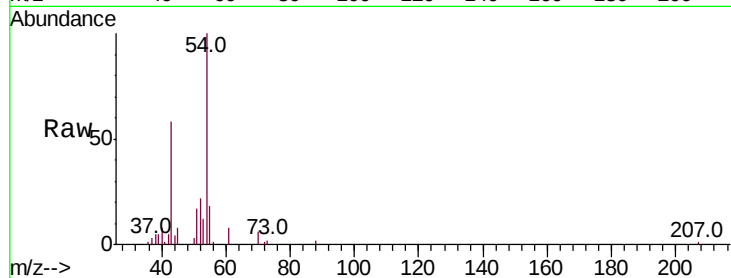




#37
Ethyl Acetate
Concen: 17.969 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

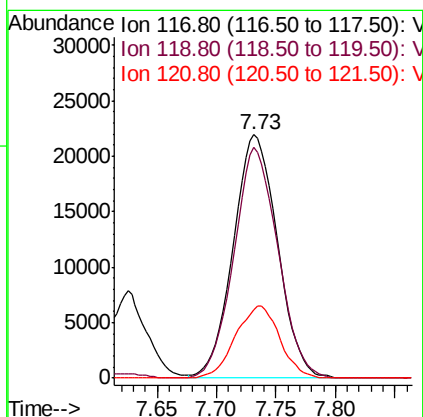
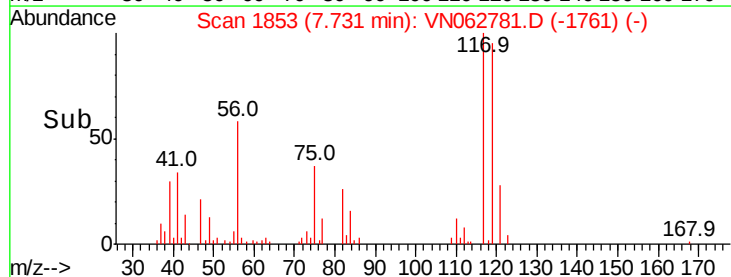
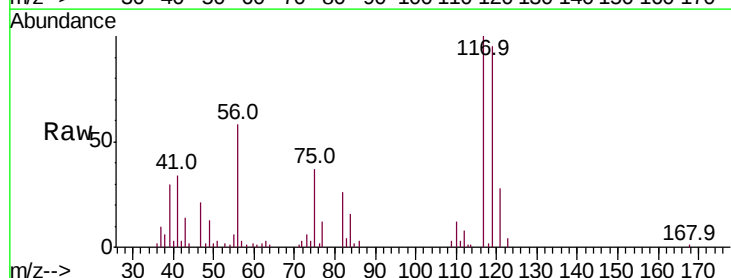
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

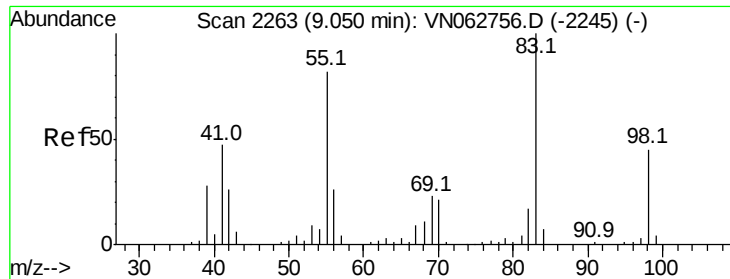
Tot Ion: 43 Resp: 49501
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 9.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.111 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 117 Resp: 56488
Ion Ratio Lower Upper
117 100
119 94.6 79.4 119.2
121 27.9 24.9 37.3

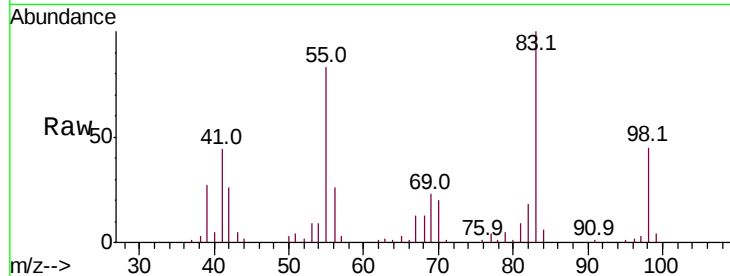




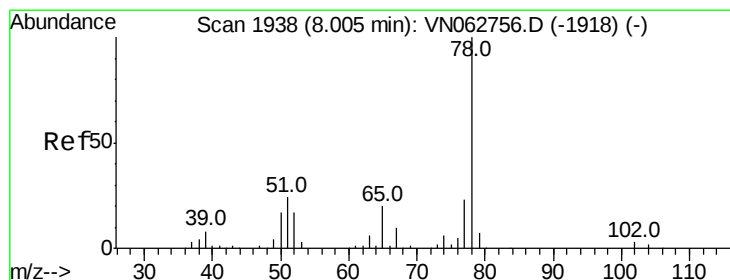
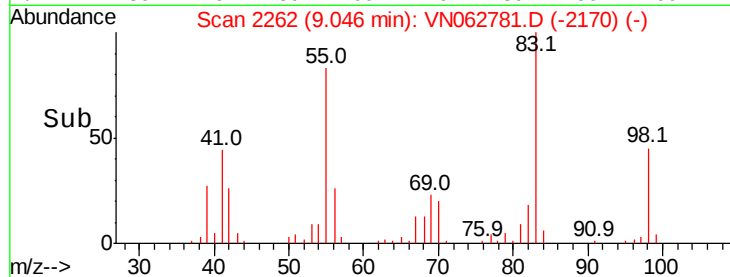
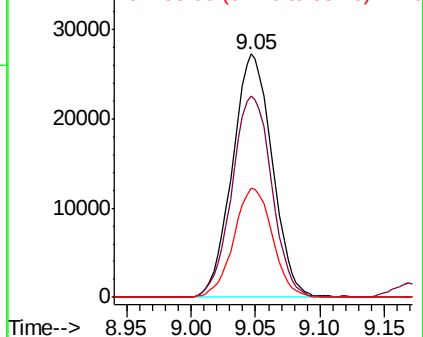
#39
Methvlcvclohexane
Concen: 18.511 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampled :
VN0807WBSD01

Tot Ion: 83 Resp: 58747
Ion Ratio Lower Upper
83 100
55 82.8 65.7 98.5
98 44.7 35.6 53.4

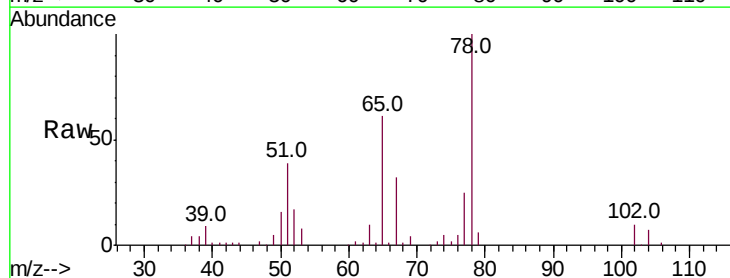


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

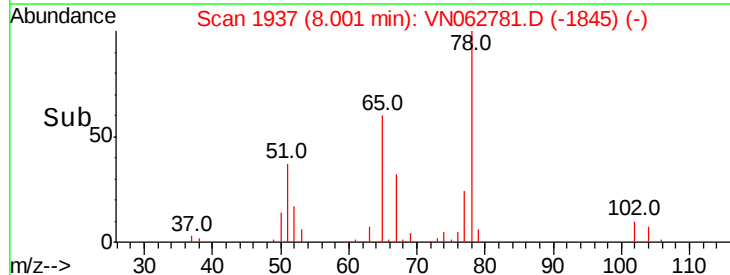
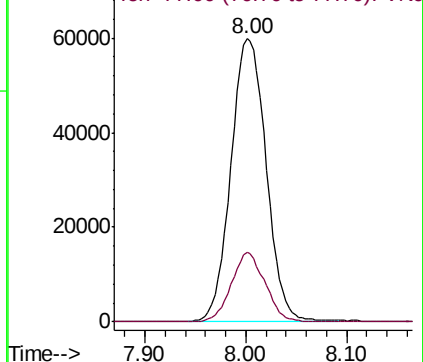


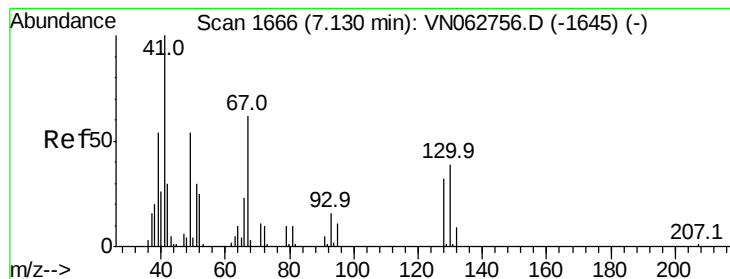
#40
Benzene
Concen: 18.510 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 78 Resp: 145662
Ion Ratio Lower Upper
78 100
77 24.7 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 18.976 ug/l

RT: 7.13 min Scan# 1666

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

Tot Ion: 41 Resp: 23589

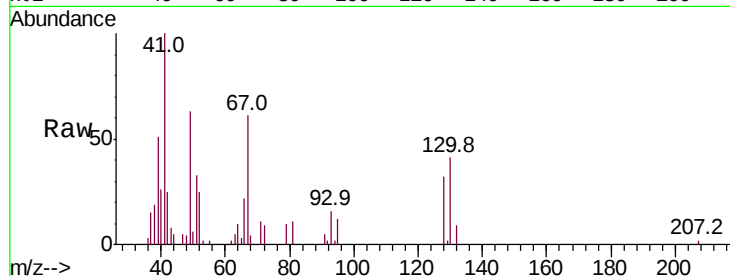
Ion Ratio Lower Upper

41 100

39 55.5 69.4 104.2#

67 88.9 0.0 0.0#

52 38.8 0.0 0.0#

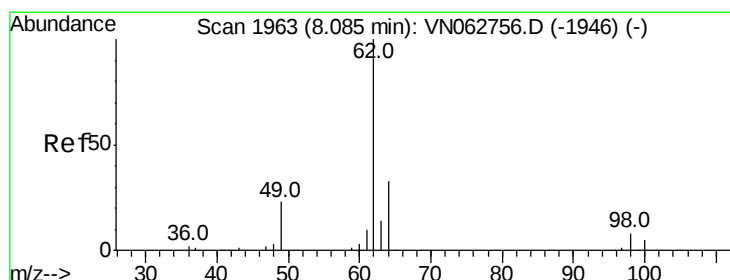
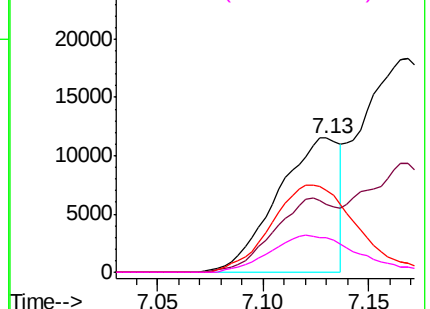
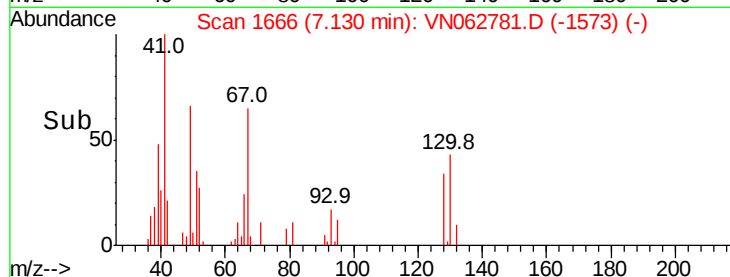


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 18.144 ug/l

RT: 8.08 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN062781.D

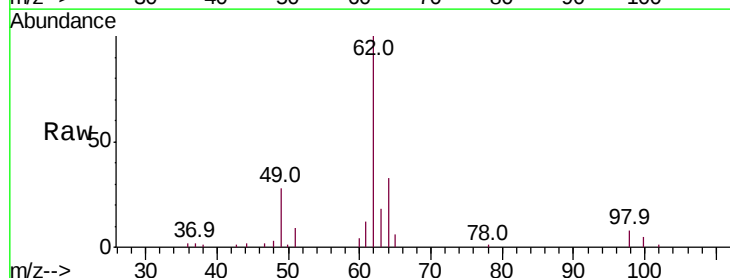
Acq: 7 Aug 2020 16:03

Tgt Ion: 62 Resp: 60772

Ion Ratio Lower Upper

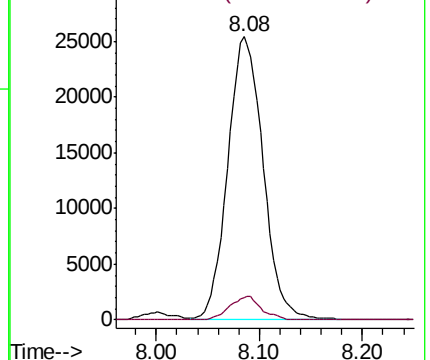
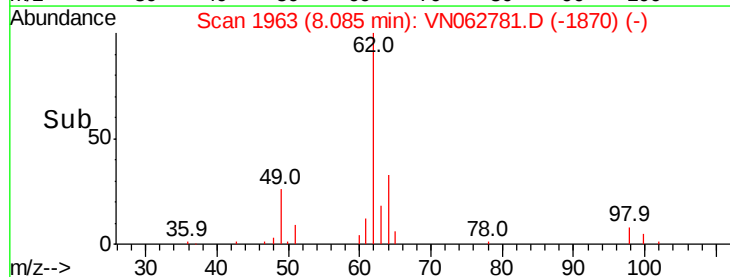
62 100

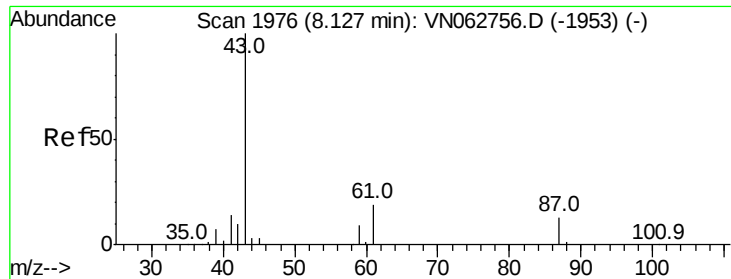
98 7.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 17.881 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

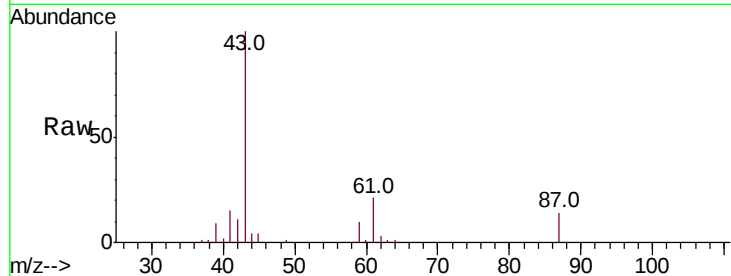
Tot Ion: 43 Resp: 82161

Ion Ratio Lower Upper

43 100

61 20.9 15.8 23.6

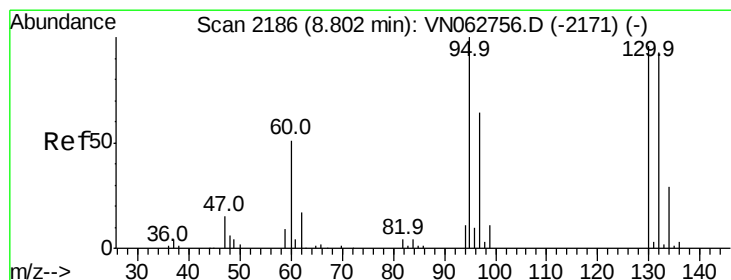
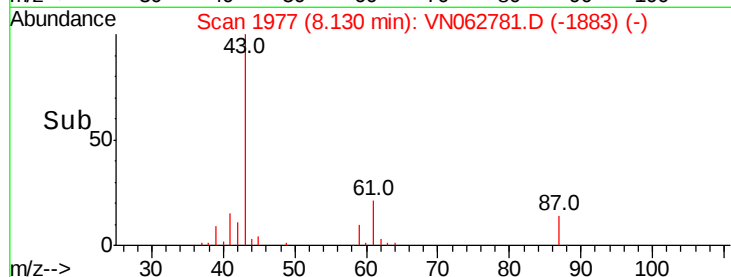
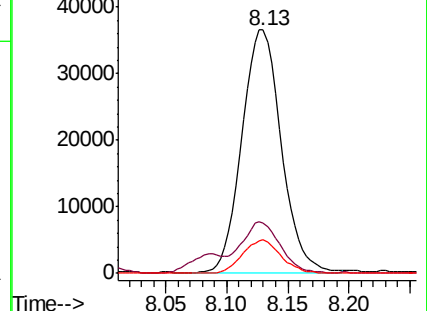
87 13.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 18.322 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062781.D

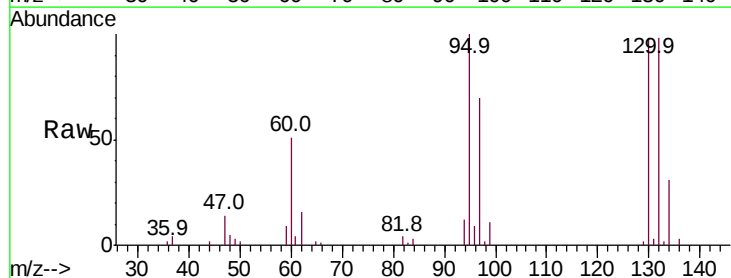
Acq: 7 Aug 2020 16:03

Tgt Ion:130 Resp: 35128

Ion Ratio Lower Upper

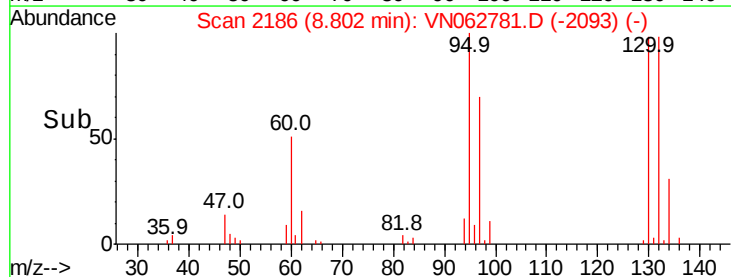
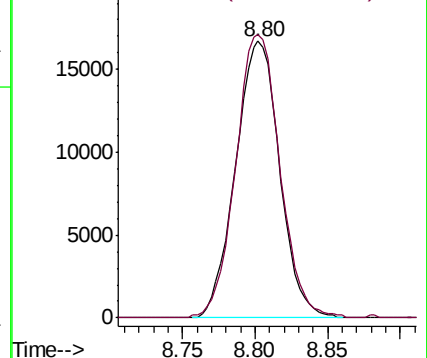
130 100

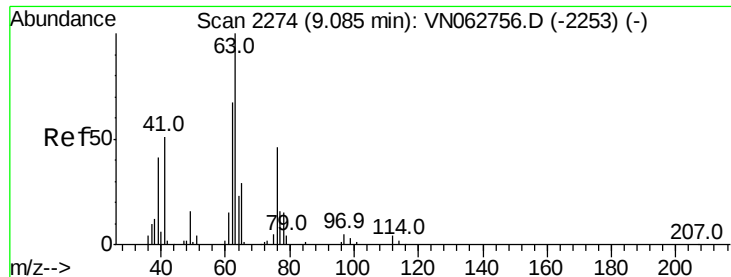
95 101.4 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 19.311 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

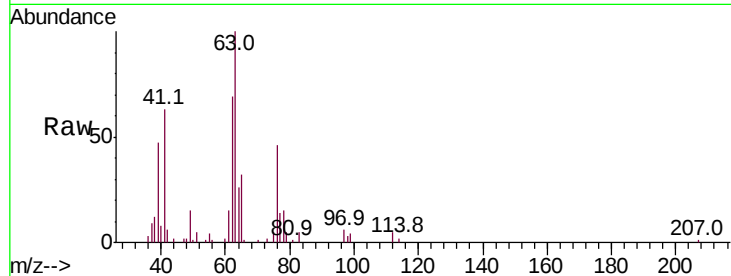
VN0807WBSD01

Tot Ion: 63 Resp: 41129

Ion Ratio Lower Upper

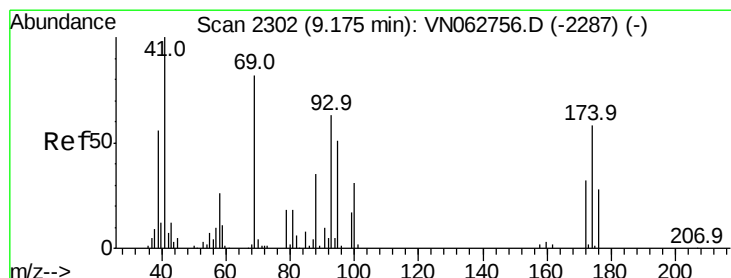
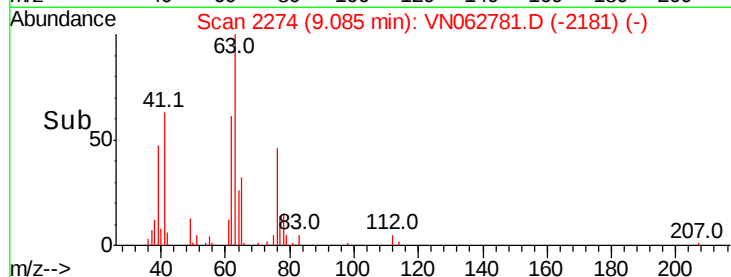
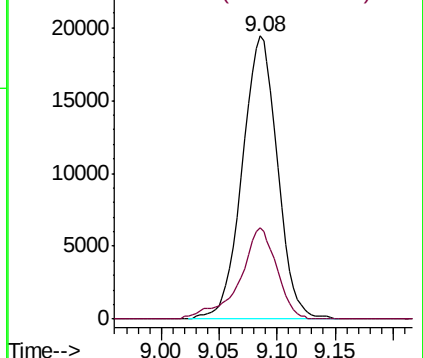
63 100

65 32.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.187 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

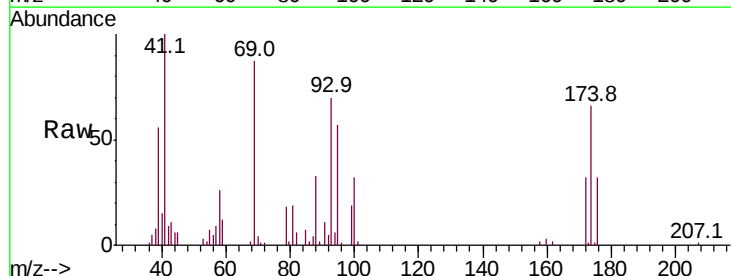
Tgt Ion: 93 Resp: 26775

Ion Ratio Lower Upper

93 100

95 81.4 65.1 97.7

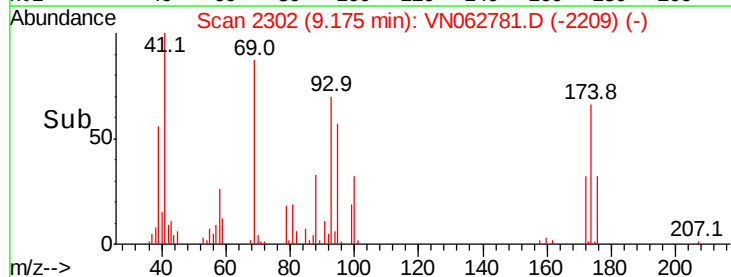
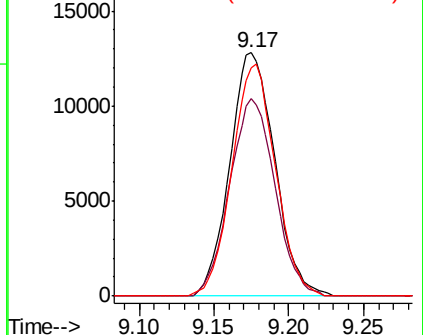
174 92.2 73.9 110.9

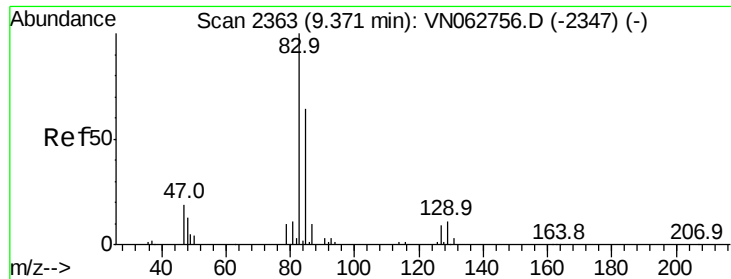


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.875 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

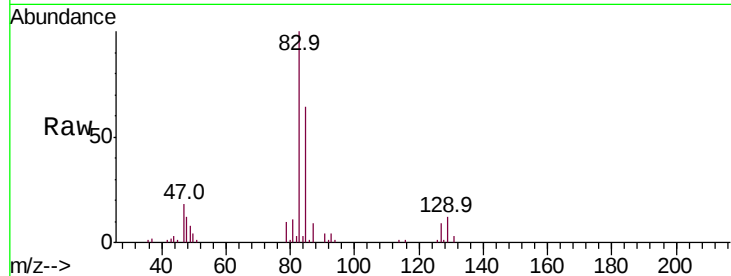
Tot Ion: 83 Resp: 59159

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

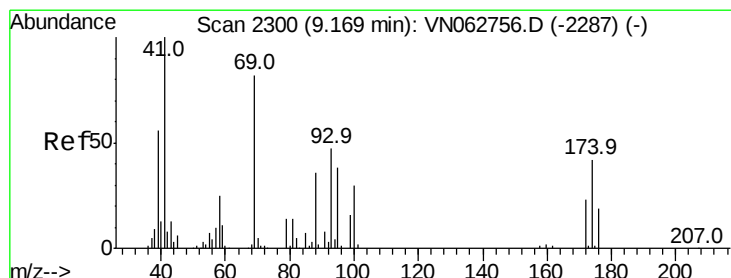
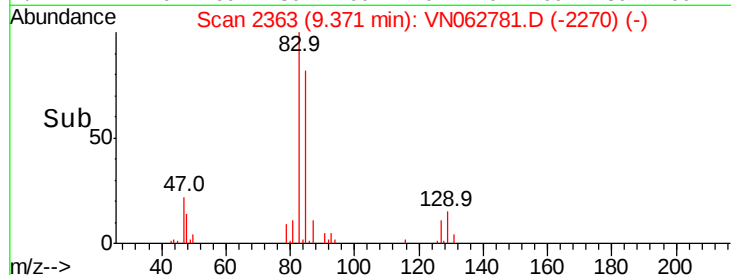
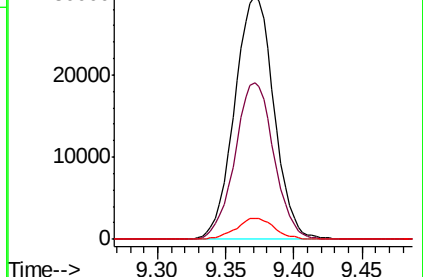
127 8.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062781.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062781.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062781.D (-2270) (-)



#48

Methyl methacrylate

Concen: 18.055 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

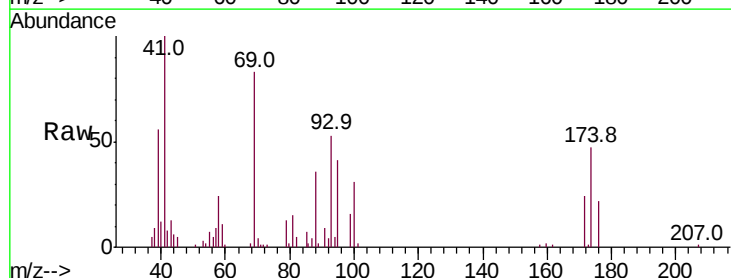
Tgt Ion: 41 Resp: 40805

Ion Ratio Lower Upper

41 100

69 84.6 67.4 101.2

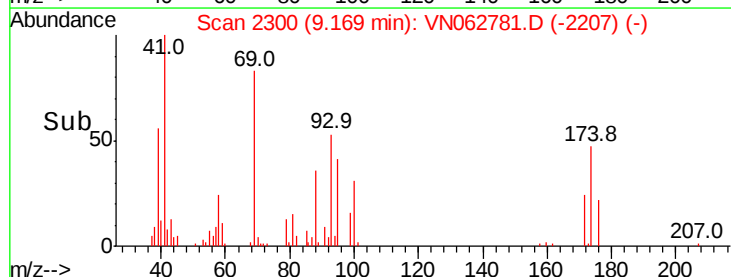
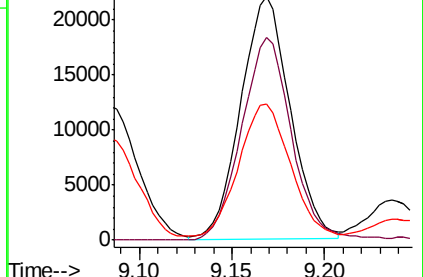
39 59.0 47.6 71.4

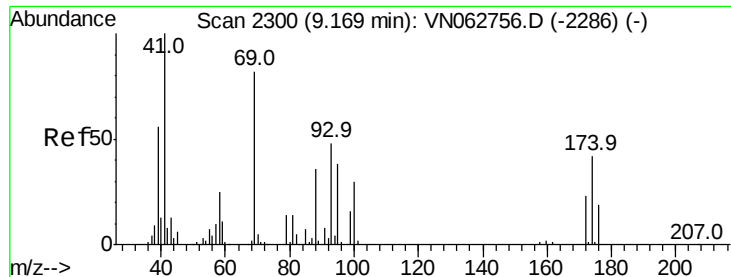


Abundance Ion 41.00 (40.70 to 41.70): VN062781.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062781.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062781.D (-2207) (-)

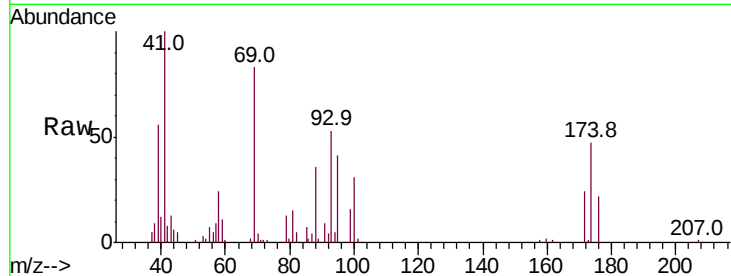




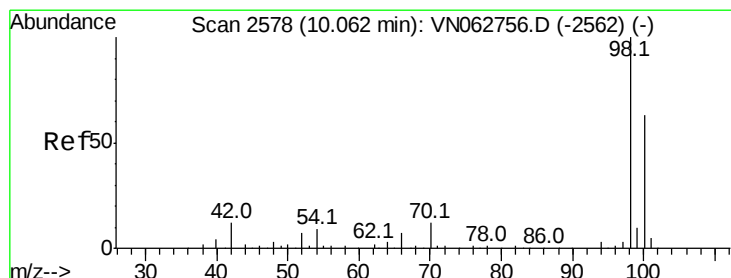
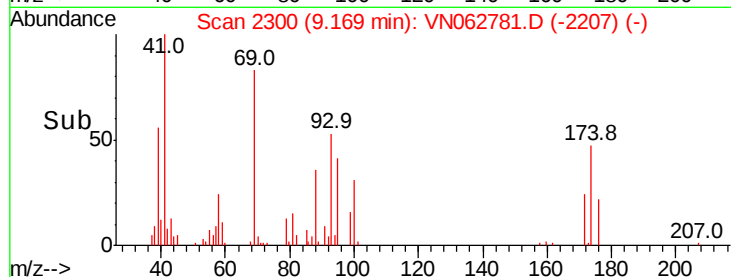
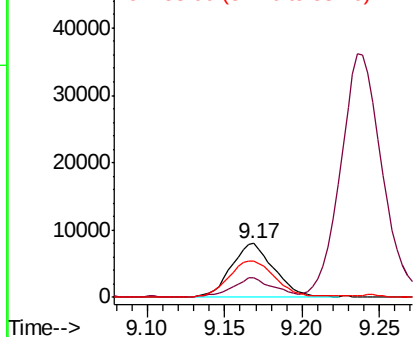
#49
1,4-Dioxane
Concen: 368.647 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion: 88 Resp: 15438
Ion Ratio Lower Upper
88 100
43 34.9 29.5 44.3
58 73.5 59.8 89.8

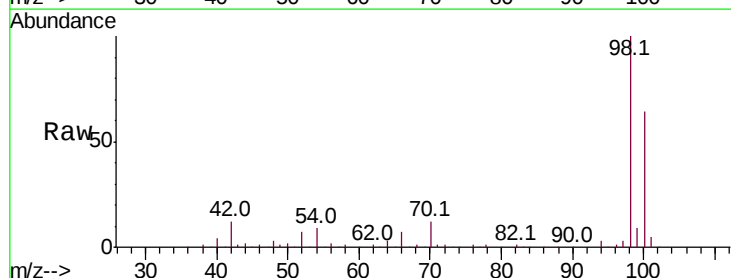


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

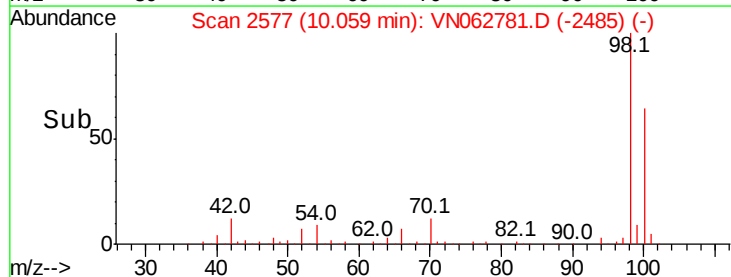
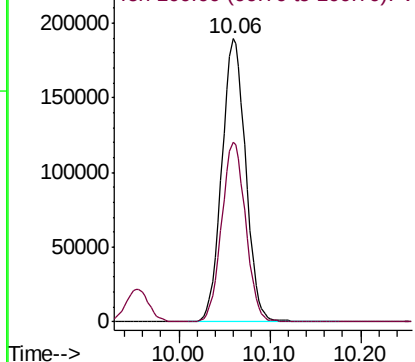


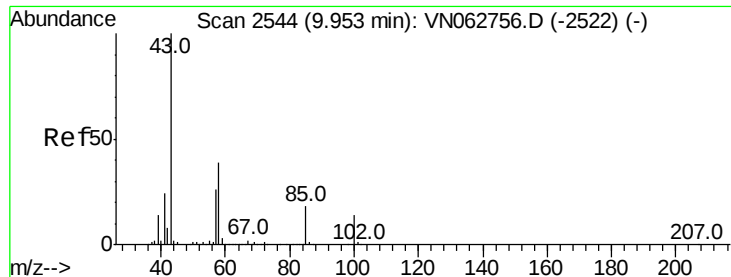
#50
Toluene-d8
Concen: 47.798 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 98 Resp: 345725
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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

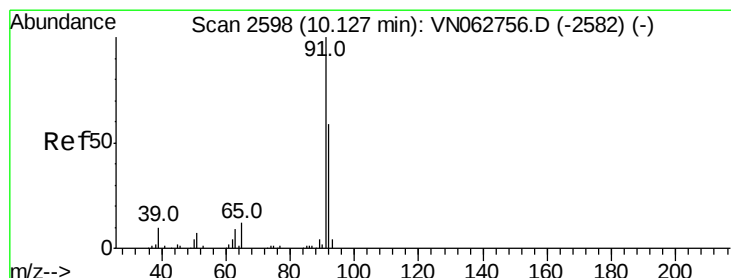
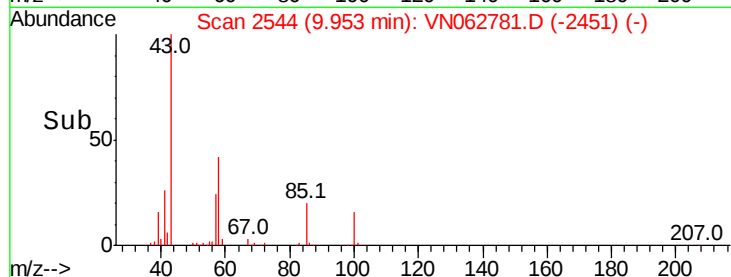
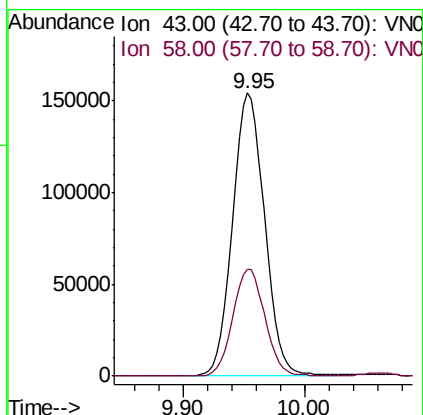
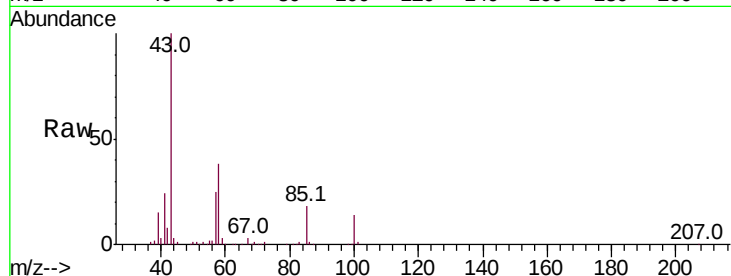




#51
 4-Methyl-2-Pentanone
 Concen: 94.915 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

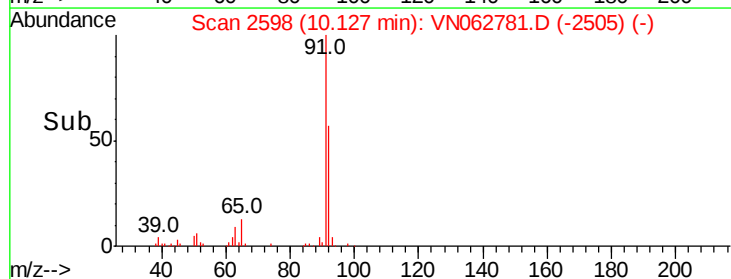
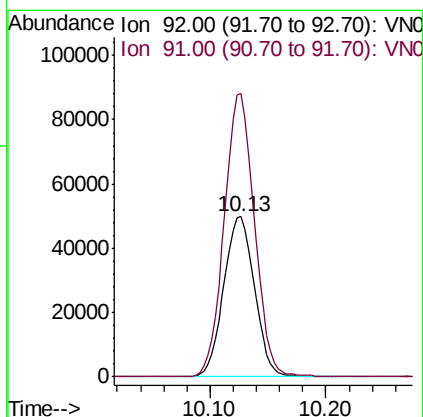
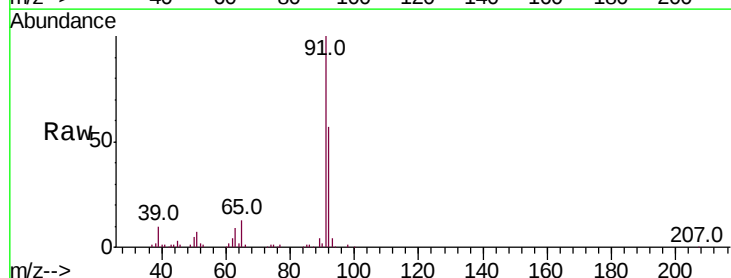
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

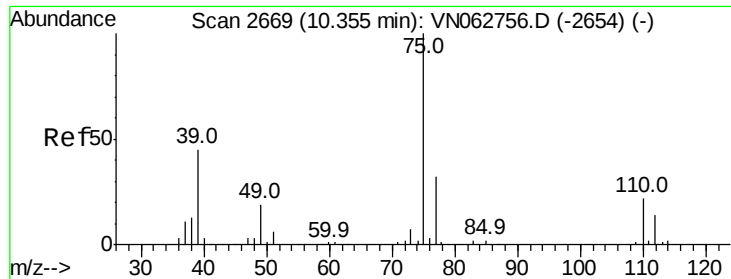
Tot Ion: 43 Resp: 282178
 Ion Ratio Lower Upper
 43 100
 58 37.9 31.1 46.7



#52
 Toluene
 Concen: 18.833 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 92 Resp: 91505
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 17.710 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

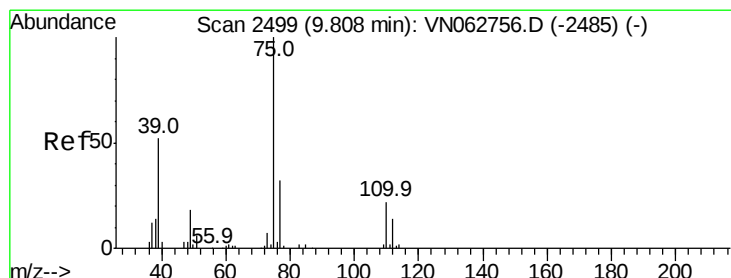
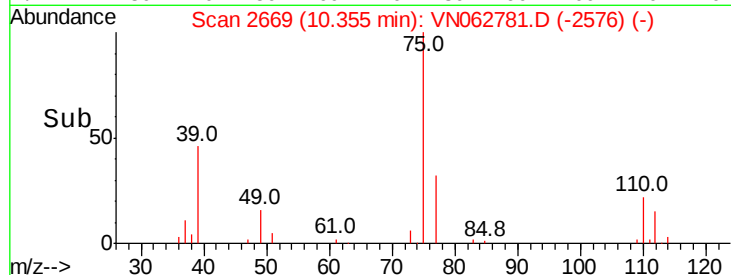
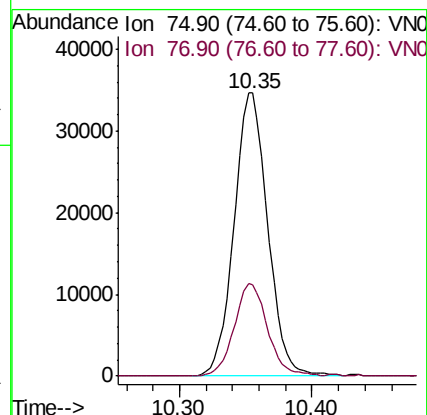
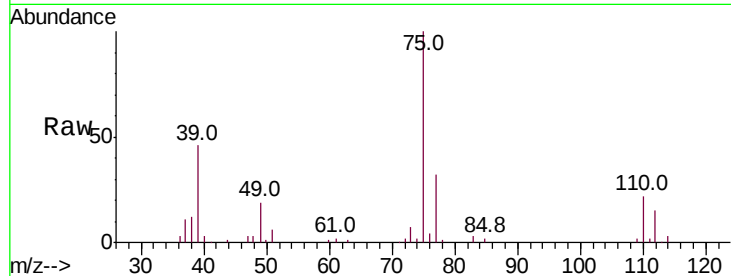
VN0807WBSD01

Tot Ion: 75 Resp: 61058

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.567 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

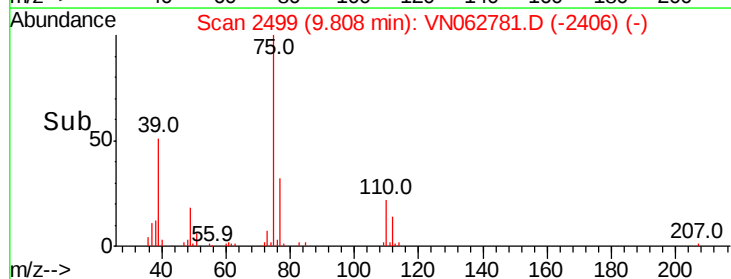
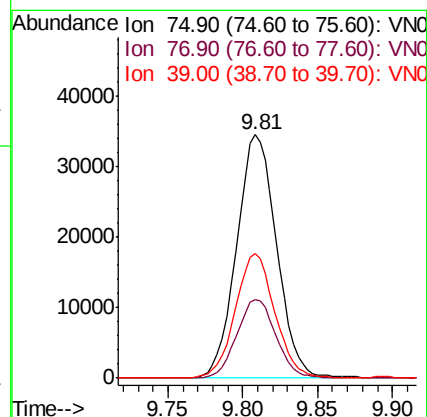
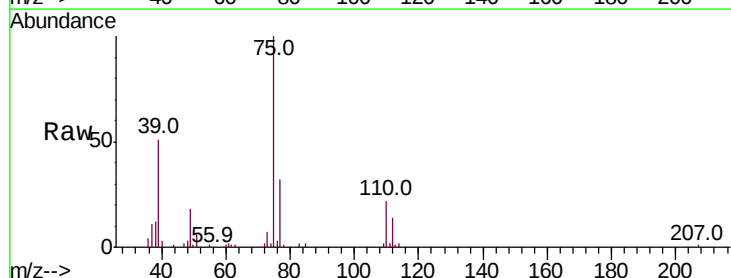
Tgt Ion: 75 Resp: 64268

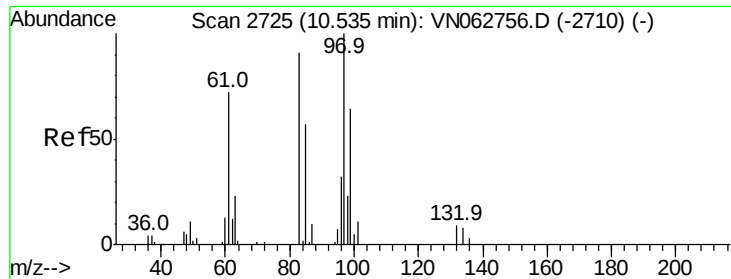
Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

39 51.3 41.9 62.9

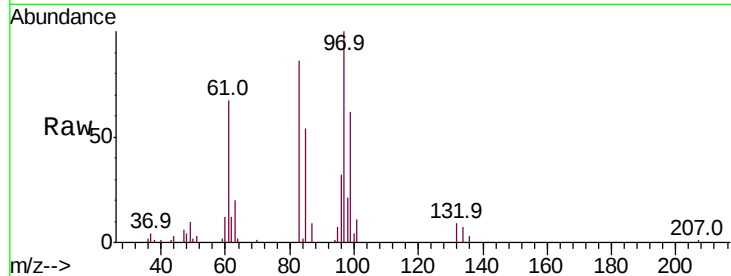




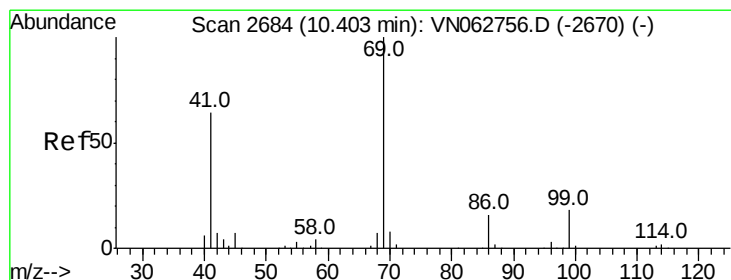
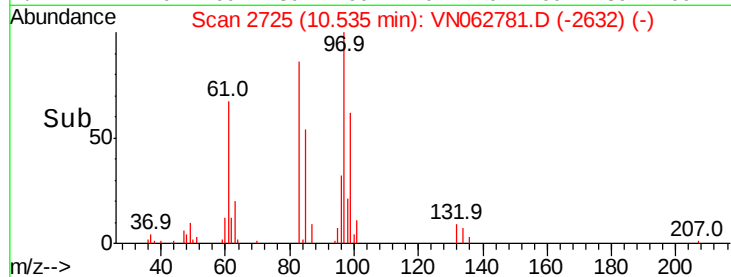
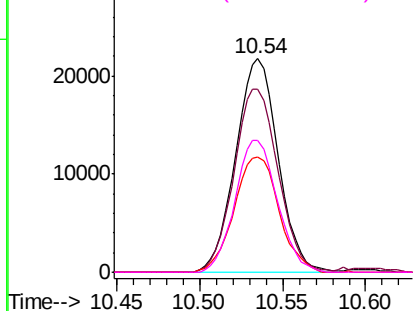
#55
 1,1,2-Trichloroethane
 Concen: 18.656 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Tot Ion: 97 Resp: 38714
 Ion Ratio Lower Upper
 97 100
 83 85.7 72.6 108.8
 85 53.7 46.0 69.0
 99 62.0 51.1 76.7

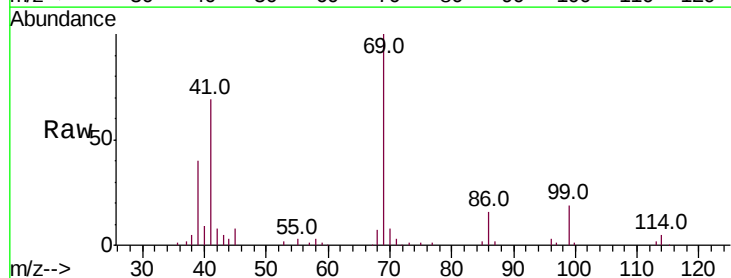


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

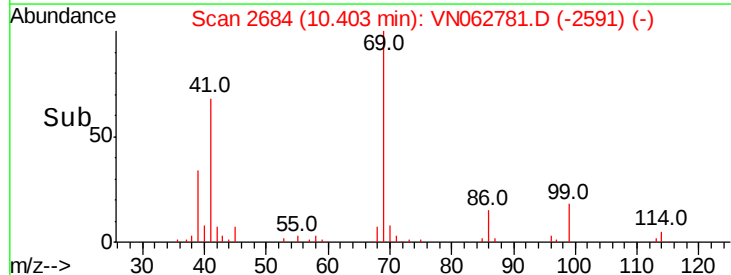
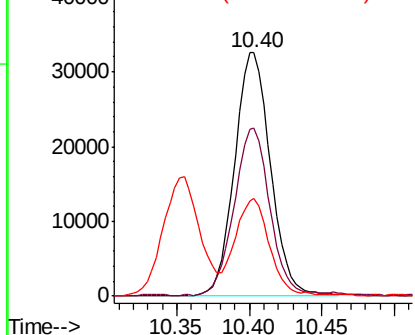


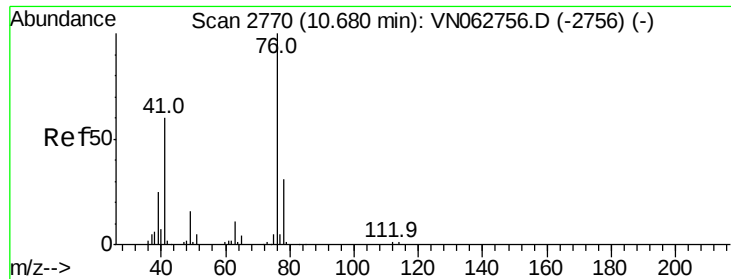
#56
 Ethyl methacrylate
 Concen: 18.025 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 69 Resp: 56301
 Ion Ratio Lower Upper
 69 100
 41 69.1 52.2 78.2
 39 36.7 30.9 46.3



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

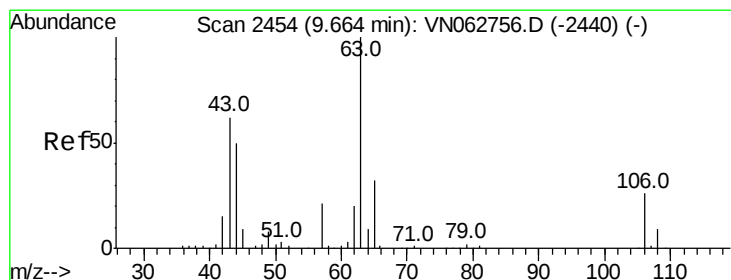
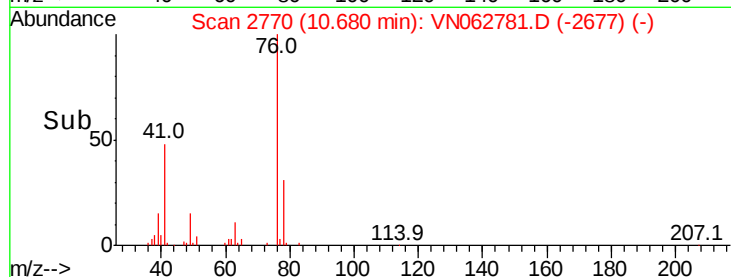
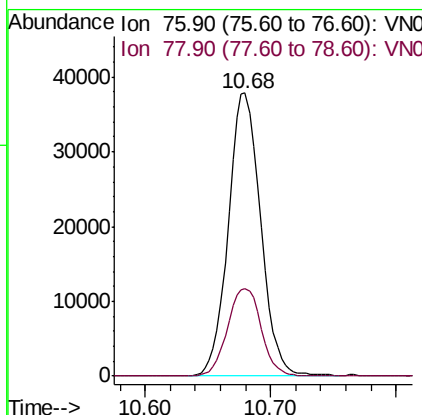
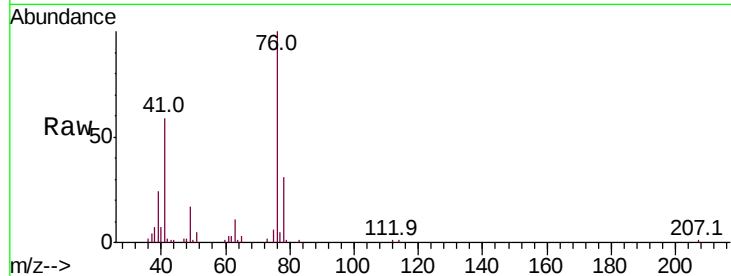




#57
 1,3-Dichloropropane
 Concen: 19.256 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

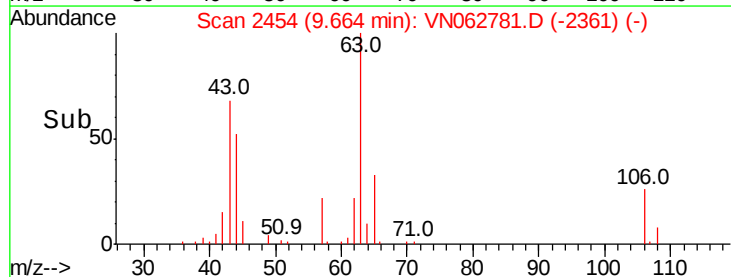
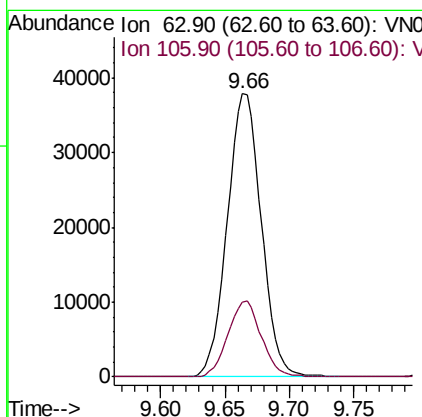
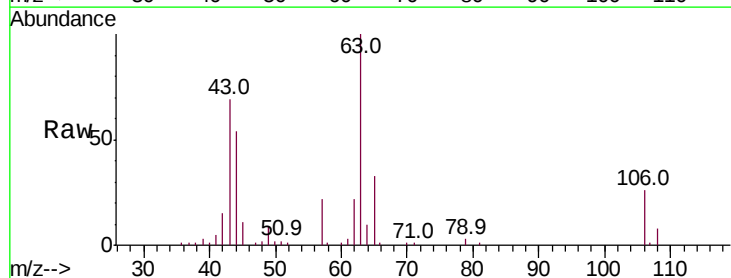
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

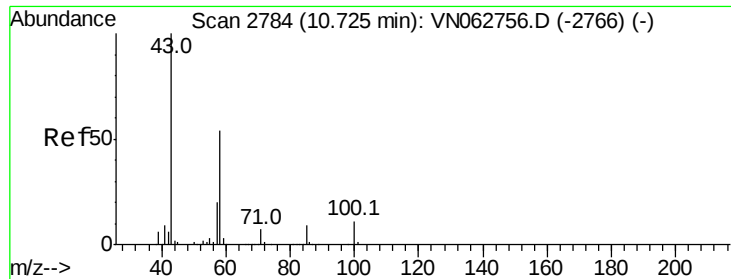
Tot Ion: 76 Resp: 67896
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 78.579 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 63 Resp: 69377
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.9 31.3

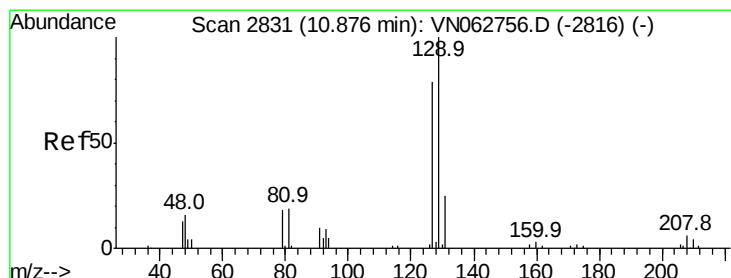
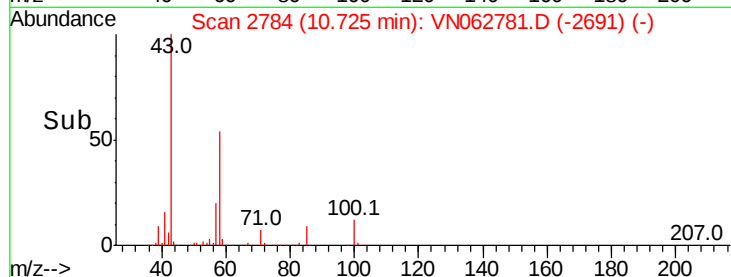
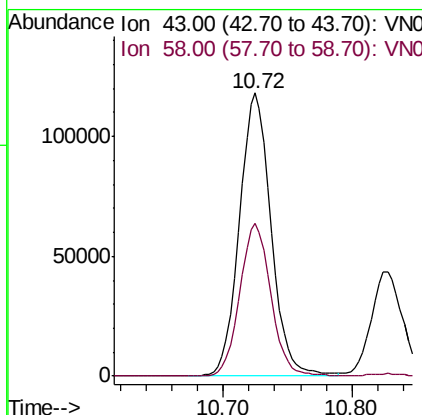
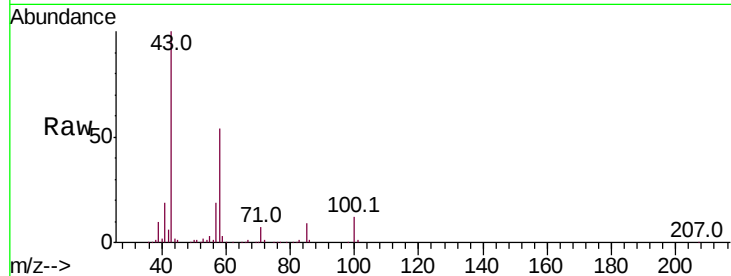




#59
2-Hexanone
Concen: 91.002 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

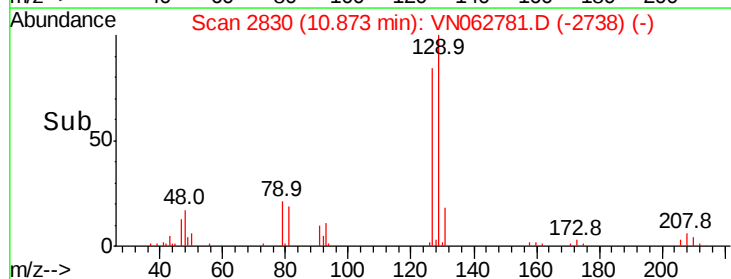
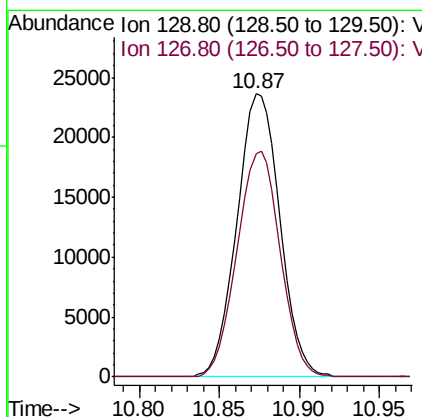
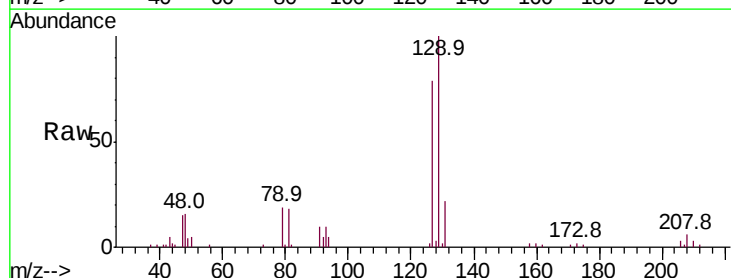
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

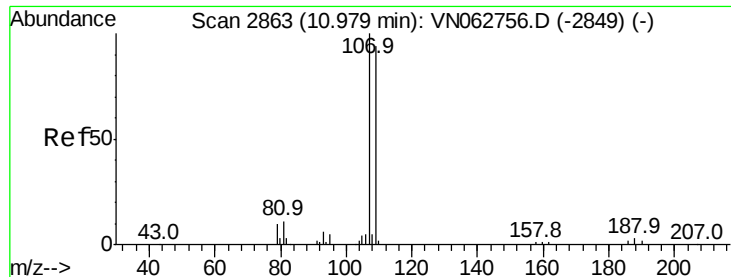
Tot Ion: 43 Resp: 201811
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 18.315 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 129 Resp: 43371
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.238 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

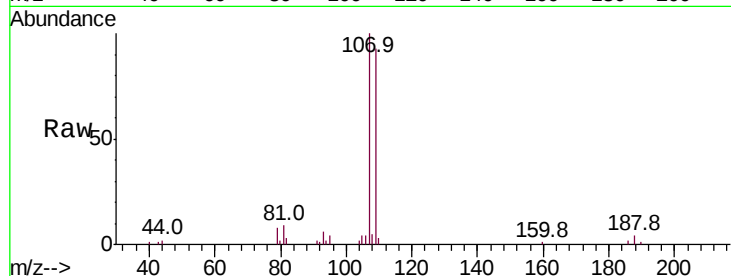
VN0807WBSD01

Tot Ion:107 Resp: 39392

Ion Ratio Lower Upper

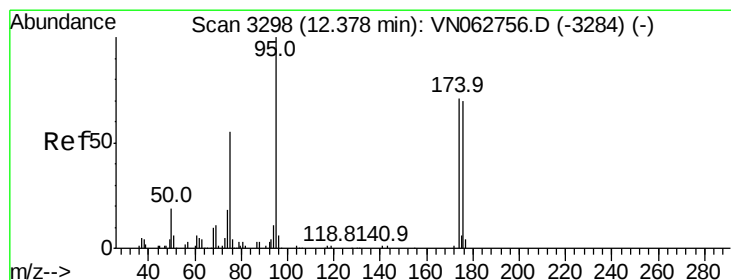
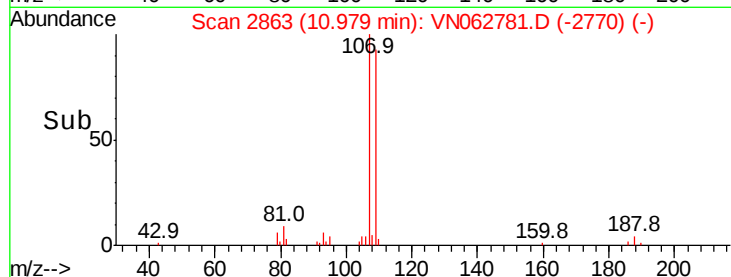
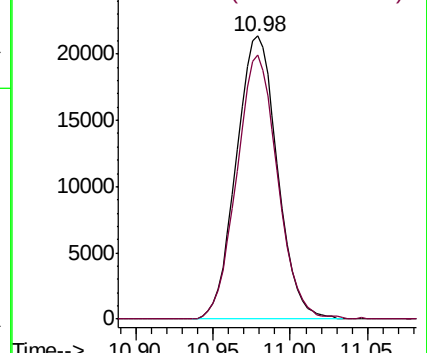
107 100

109 92.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.569 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

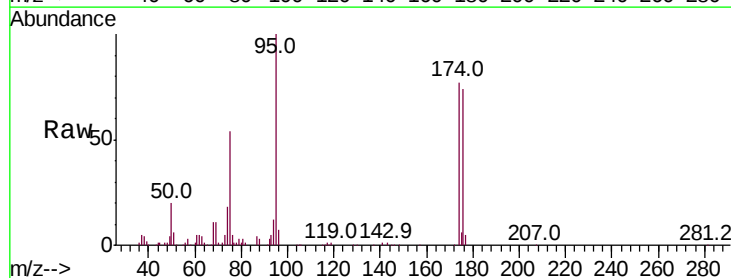
Tgt Ion: 95 Resp: 124556

Ion Ratio Lower Upper

95 100

174 74.3 0.0 144.8

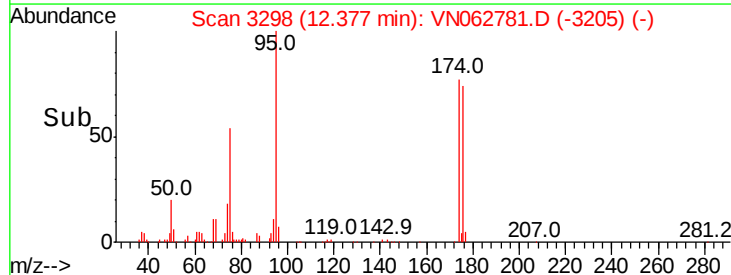
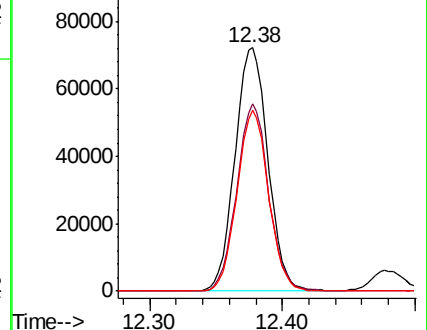
176 71.0 0.0 142.2

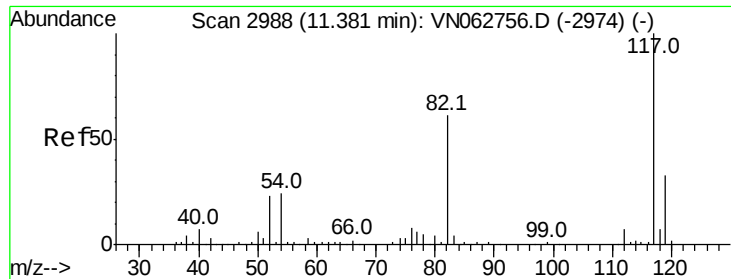


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

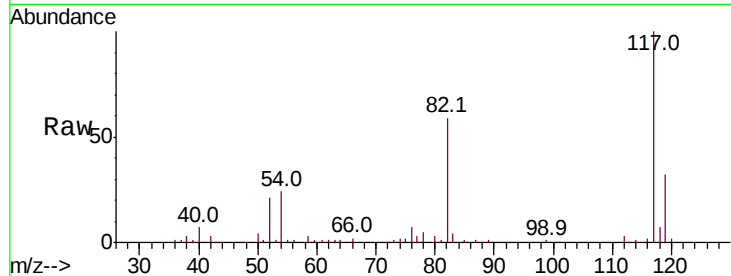




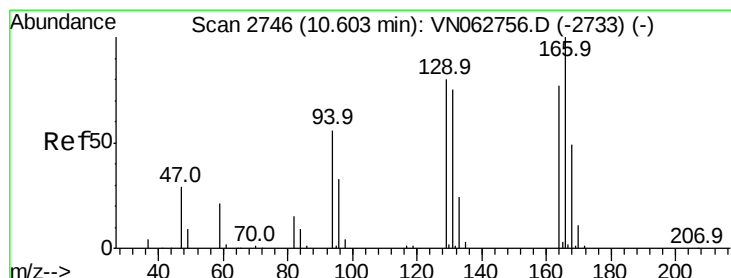
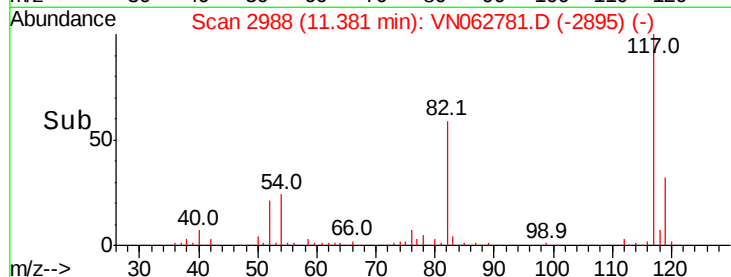
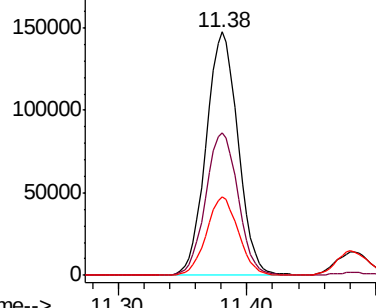
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion:117 Resp: 253829
Ion Ratio Lower Upper
117 100
82 58.7 49.0 73.4
119 32.5 26.2 39.2

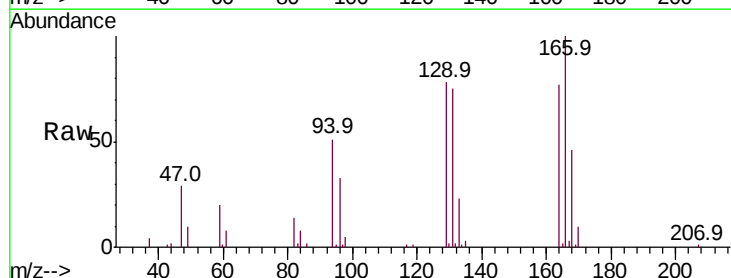


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

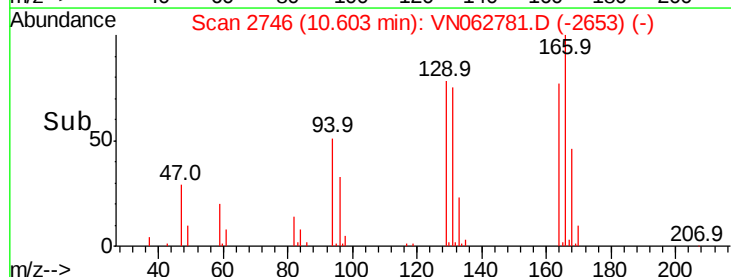
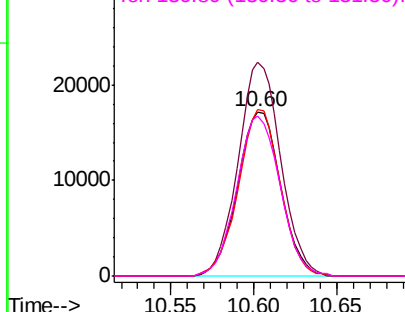


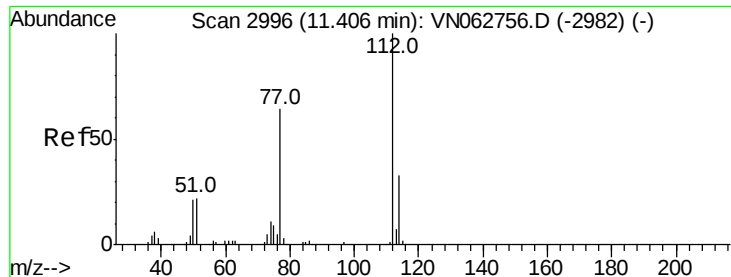
#64
Tetrachloroethene
Concen: 18.954 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion:164 Resp: 31041
Ion Ratio Lower Upper
164 100
166 130.1 103.8 155.8
129 101.4 82.7 124.1
131 97.4 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

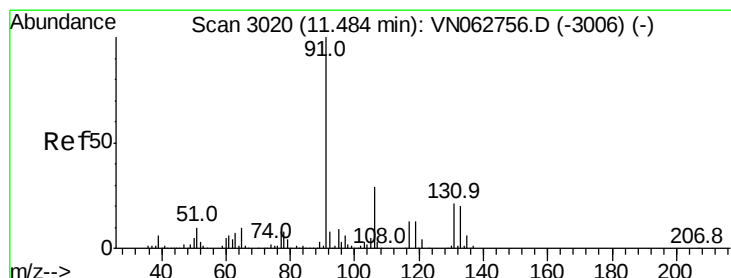
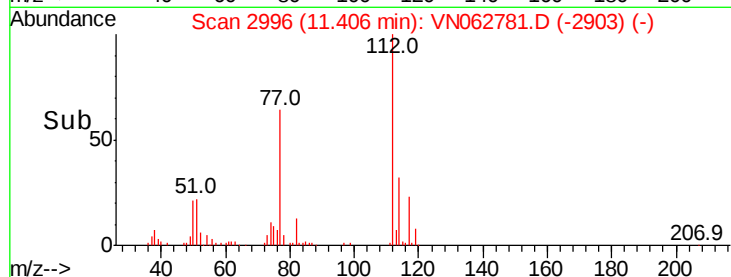
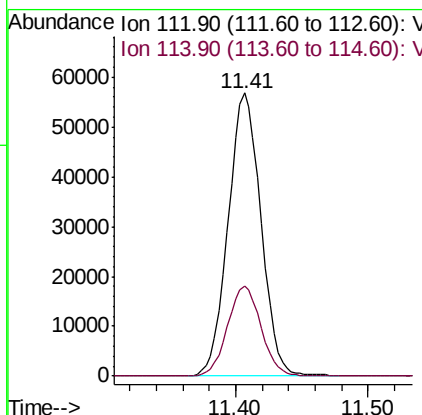
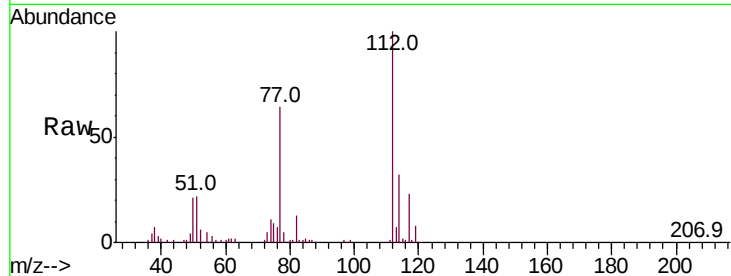




#65
Chlorobenzene
Concen: 18.386 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

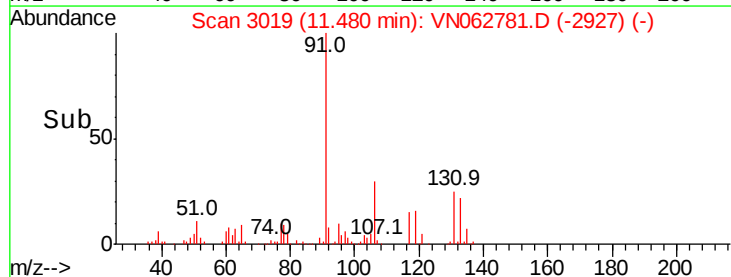
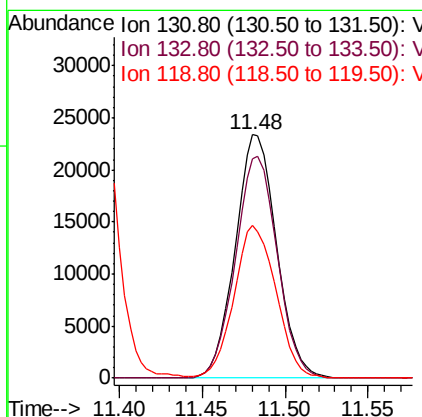
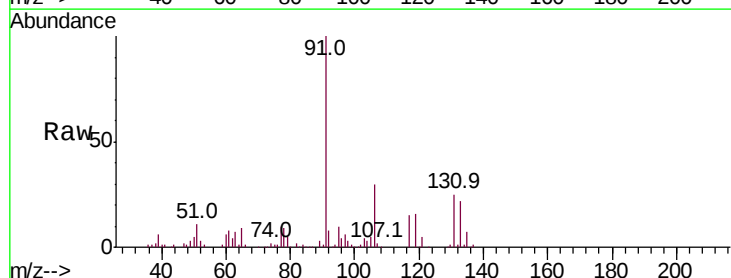
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

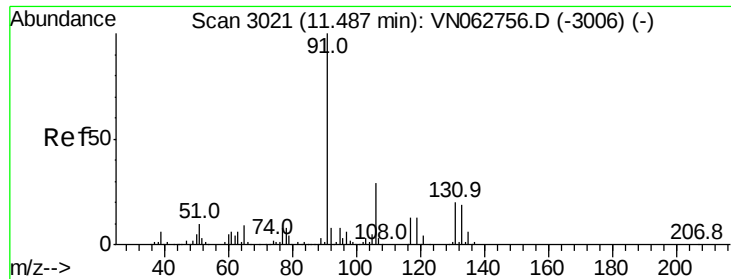
Tot Ion:112 Resp: 97555
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.022 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion:131 Resp: 40531
Ion Ratio Lower Upper
131 100
133 92.1 48.6 145.8
119 63.7 32.2 96.6

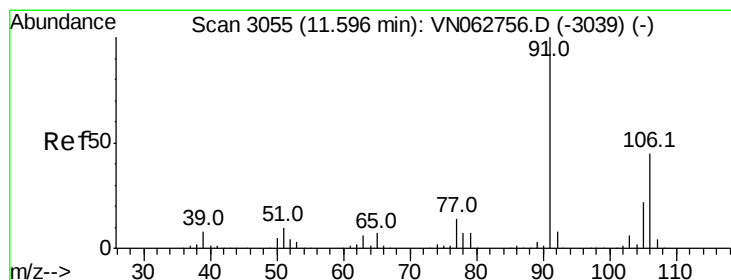
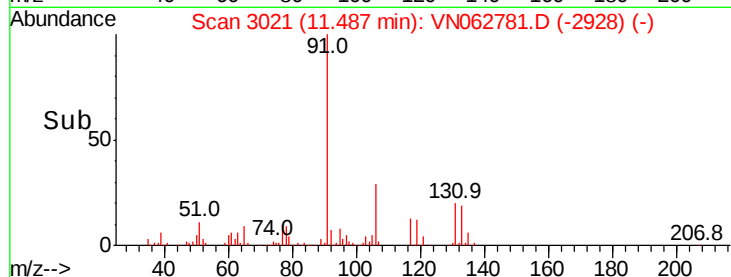
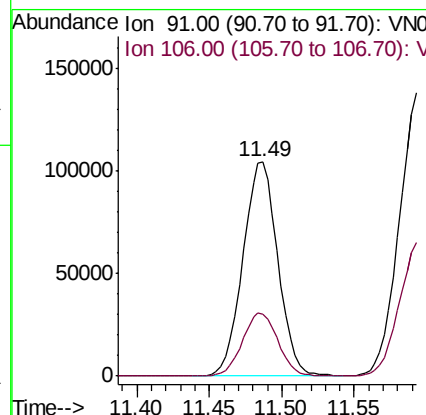
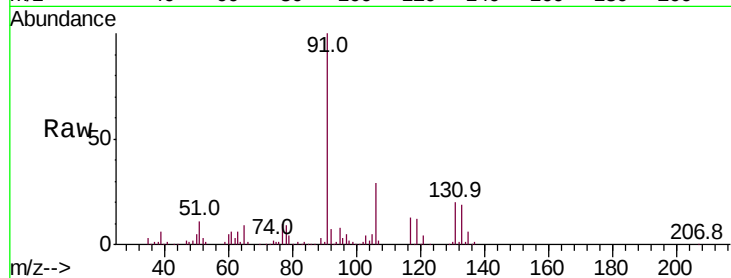




#67
Ethyl Benzene
Concen: 18.407 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

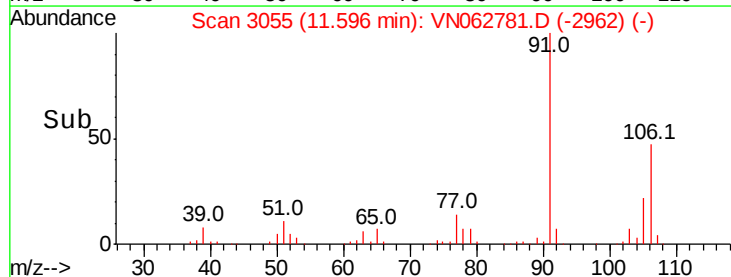
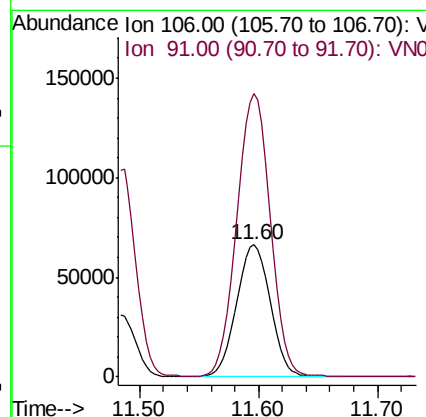
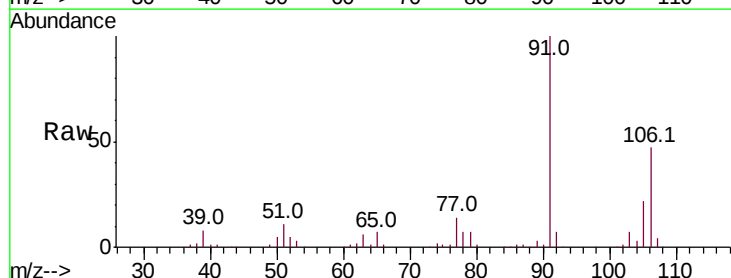
Instrument :
MSVOA_N
ClientSampled :
VN0807WBSD01

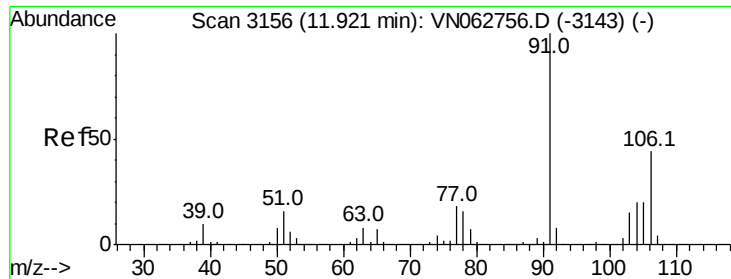
Tot Ion: 91 Resp: 174772
Ion Ratio Lower Upper
91 100
106 29.0 23.2 34.8



#68
m/p-Xylenes
Concen: 37.916 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 106 Resp: 130685
Ion Ratio Lower Upper
106 100
91 212.2 175.9 263.9

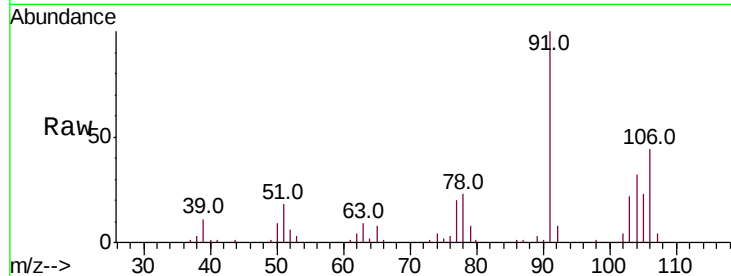




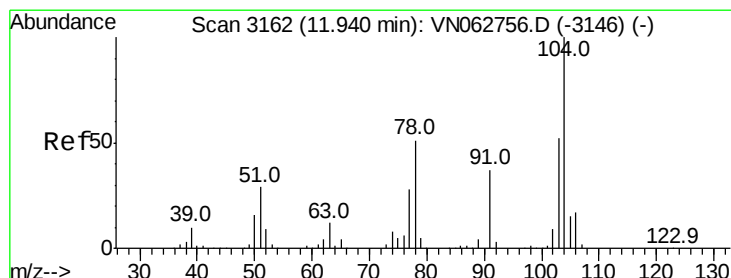
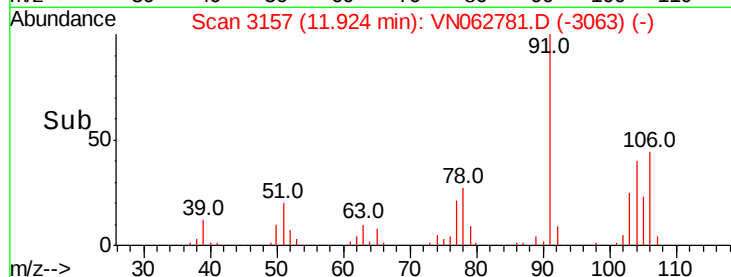
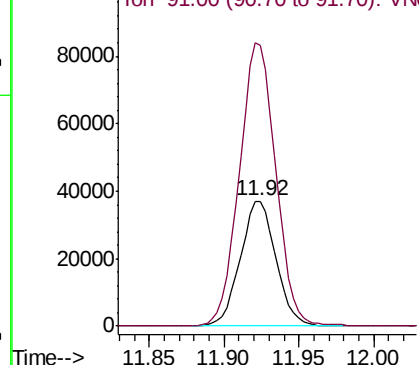
#69
o-Xylene
Concen: 19.029 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

Tot Ion:106 Resp: 61463
Ion Ratio Lower Upper
106 100
91 232.0 115.8 347.4

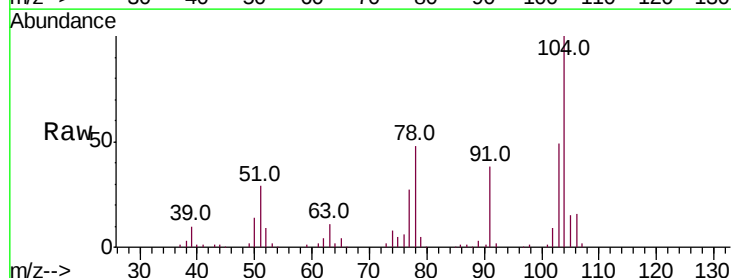


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

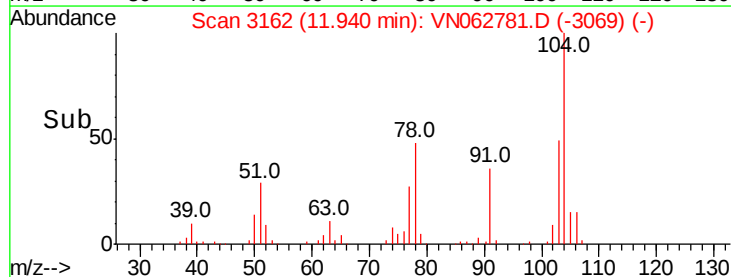
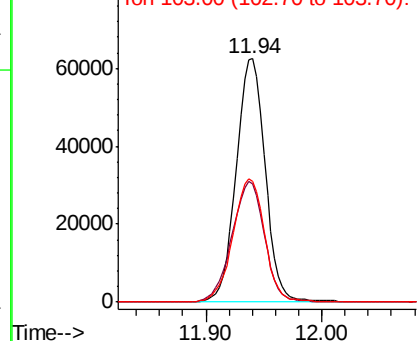


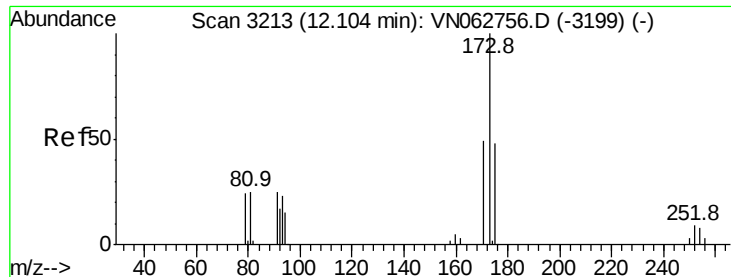
#70
Styrene
Concen: 19.071 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion:104 Resp: 108275
Ion Ratio Lower Upper
104 100
78 55.7 45.9 68.9
103 55.3 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.404 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

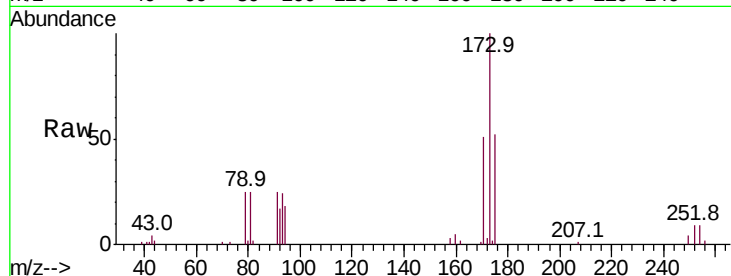
Tot Ion:173 Resp: 30342

Ion Ratio Lower Upper

173 100

175 50.7 24.0 72.0

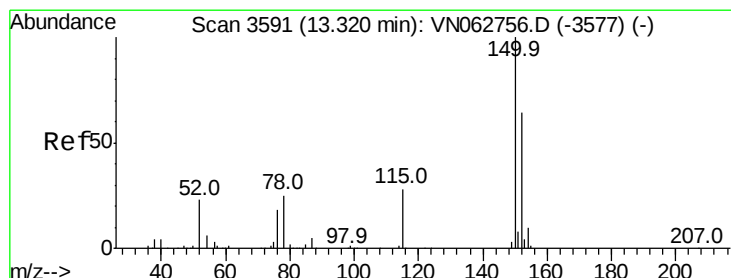
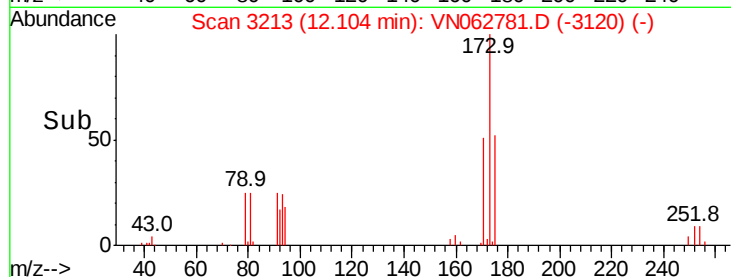
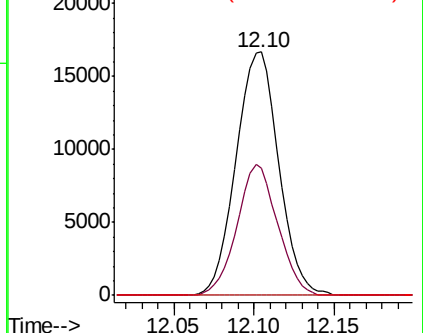
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

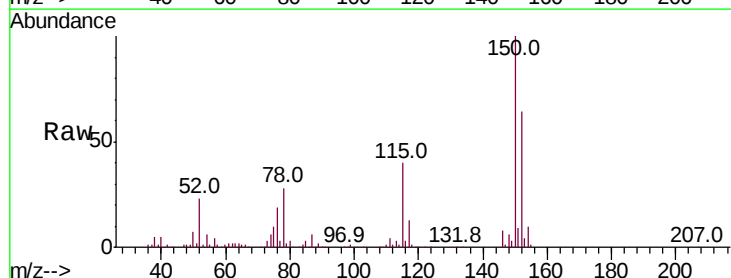
Tgt Ion:152 Resp: 119437

Ion Ratio Lower Upper

152 100

115 61.6 31.6 94.8

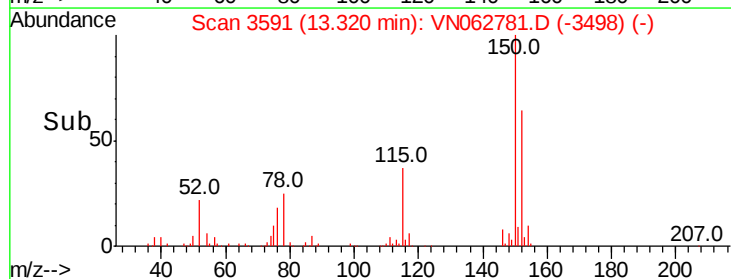
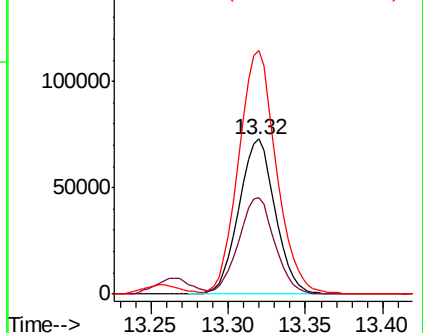
150 162.0 0.0 349.2

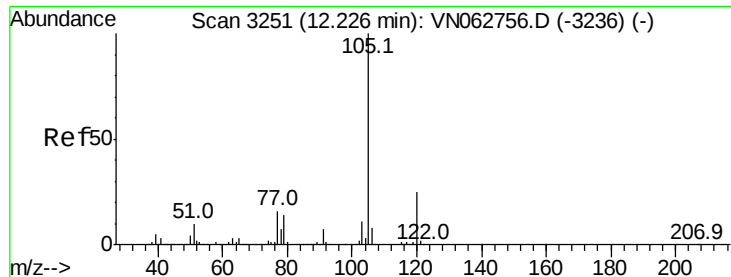


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.038 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

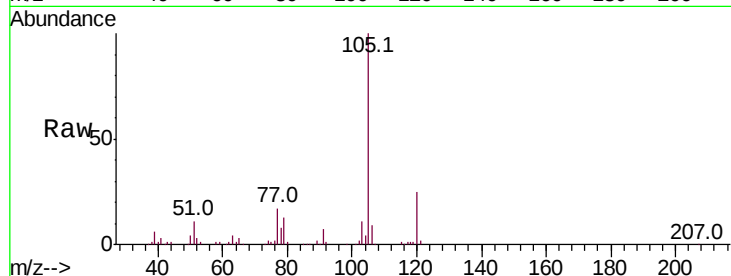
VN0807WBSD01

Tot Ion:105 Resp: 171221

Ion Ratio Lower Upper

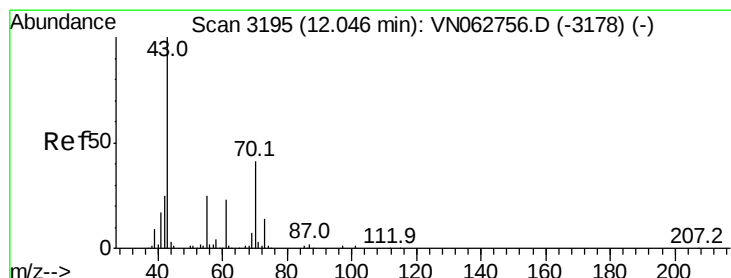
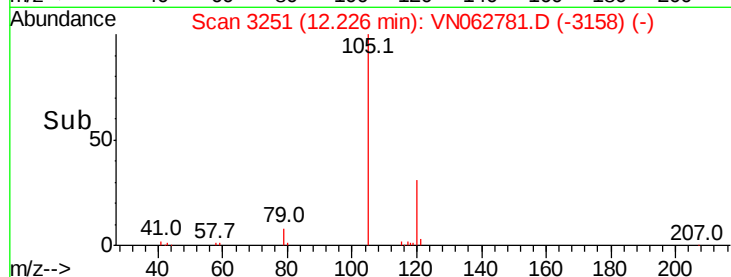
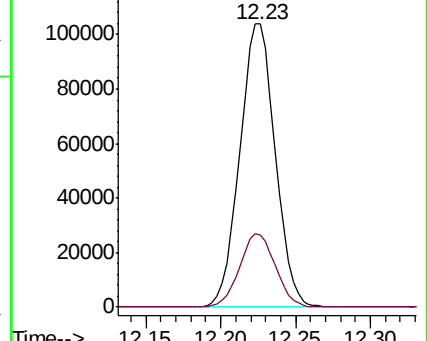
105 100

120 26.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.361 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Tgt Ion: 43 Resp: 70563

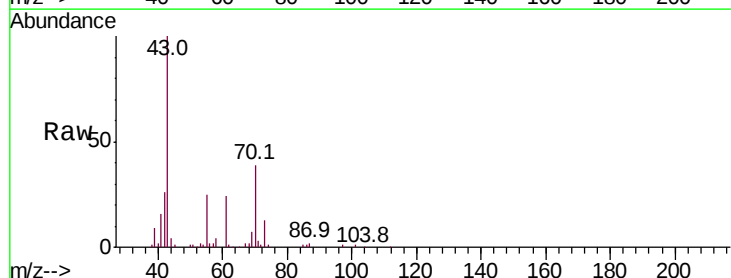
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 26.2 20.2 30.2

61 24.0 18.2 27.4

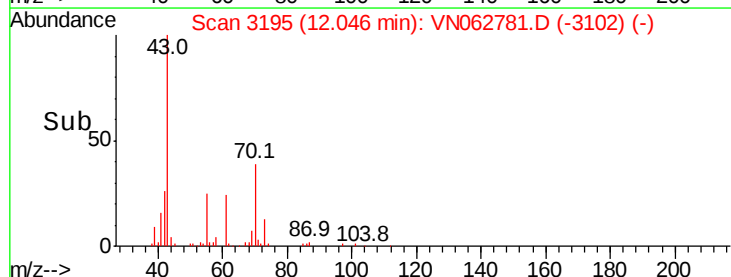
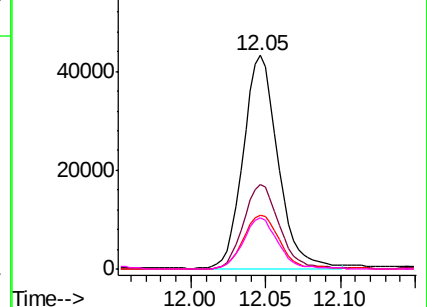


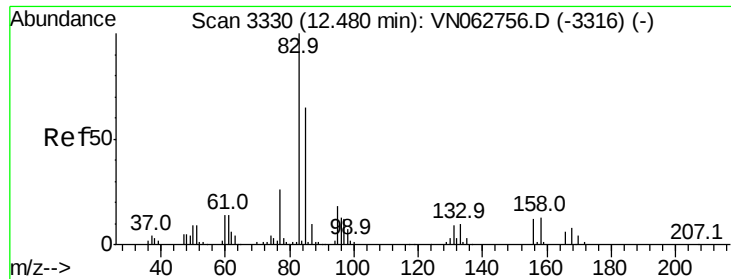
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.145 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

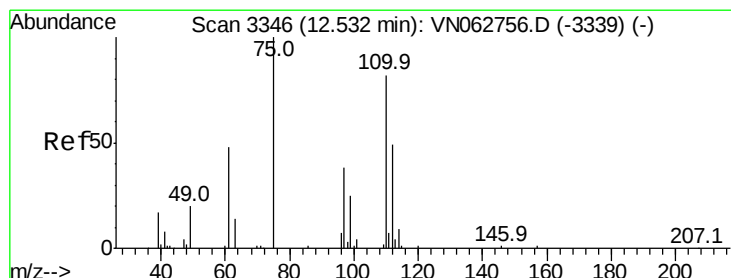
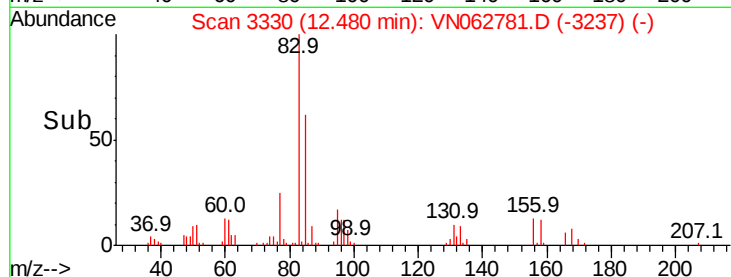
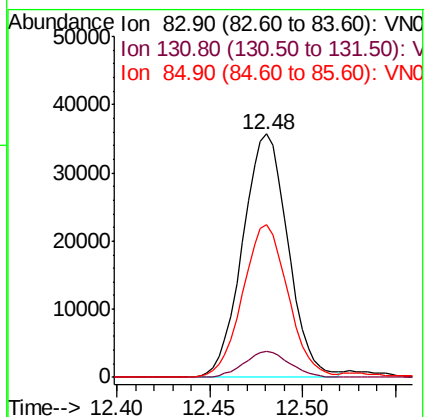
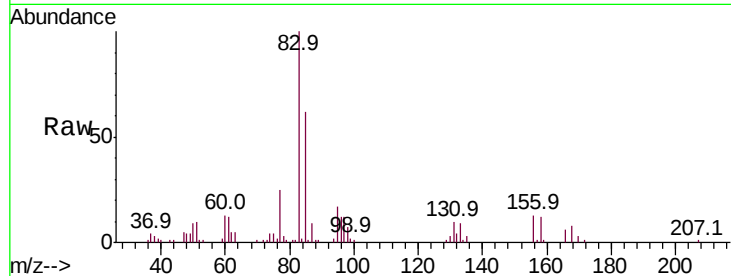
Tot Ion: 83 Resp: 60611

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

85 62.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 24.488 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062781.D

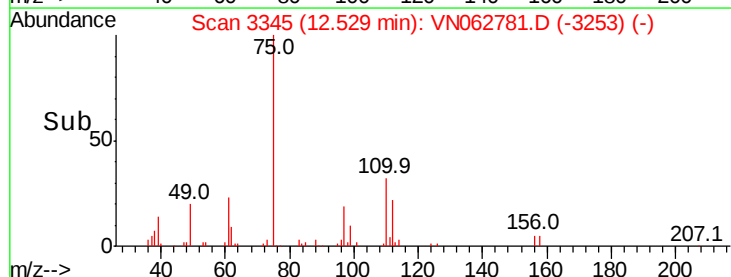
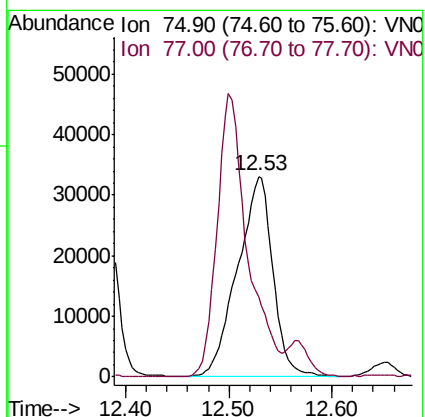
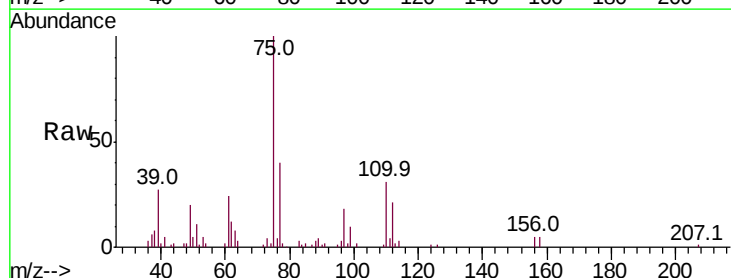
Acq: 7 Aug 2020 16:03

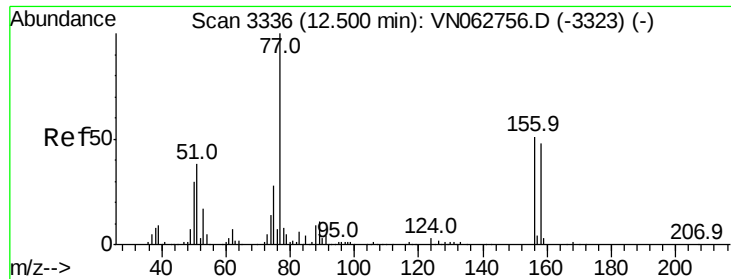
Tgt Ion: 75 Resp: 78879

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.745 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

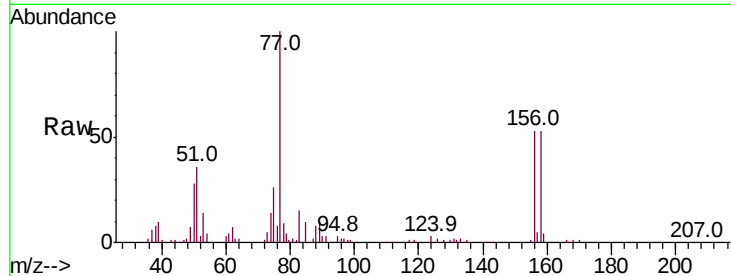
Tot Ion:156 Resp: 41888

Ion Ratio Lower Upper

156 100

77 229.1 119.7 359.1

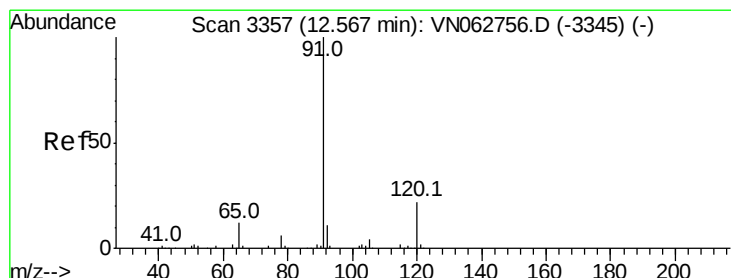
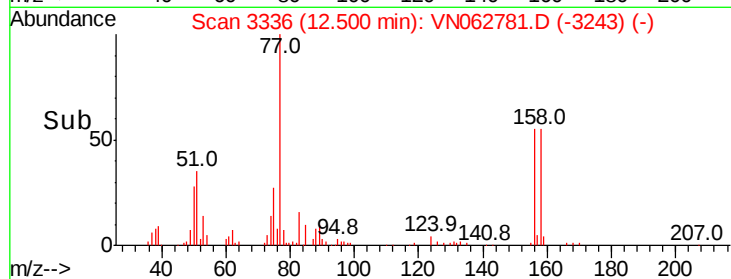
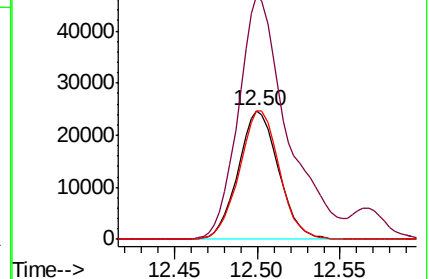
158 99.0 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.876 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062781.D

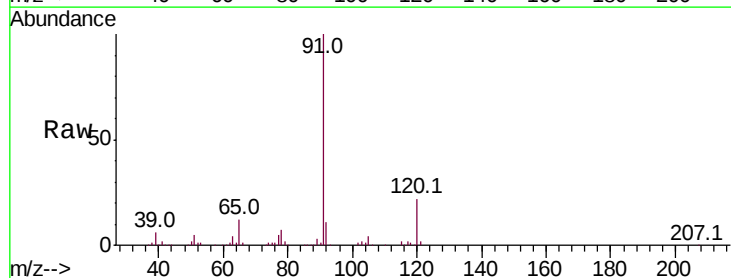
Acq: 7 Aug 2020 16:03

Tgt Ion: 91 Resp: 199274

Ion Ratio Lower Upper

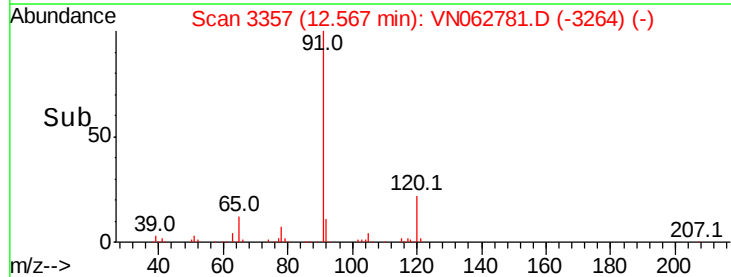
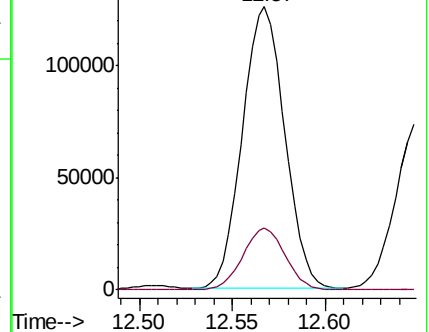
91 100

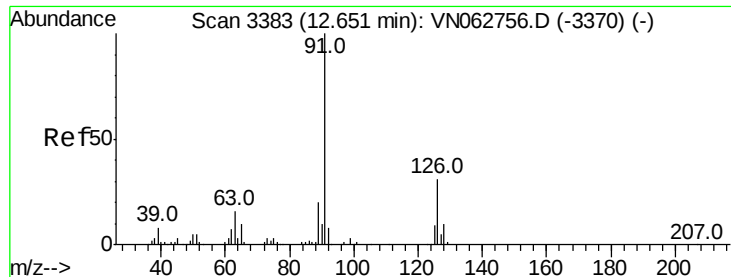
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.782 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampled :

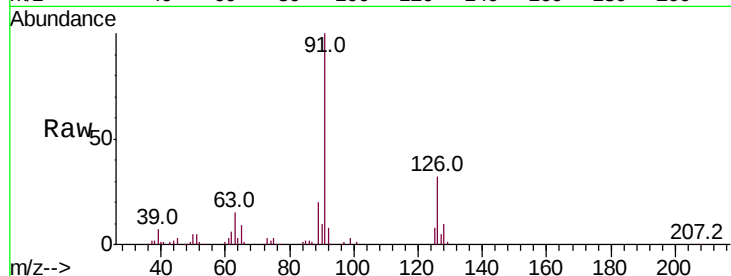
VN0807WBSD01

Tot Ion: 91 Resp: 124345

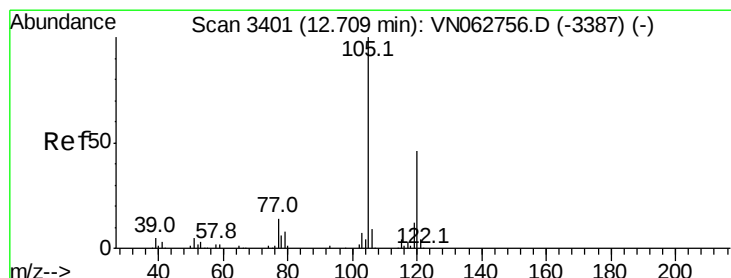
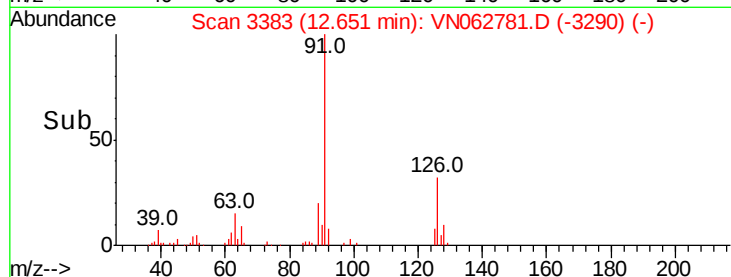
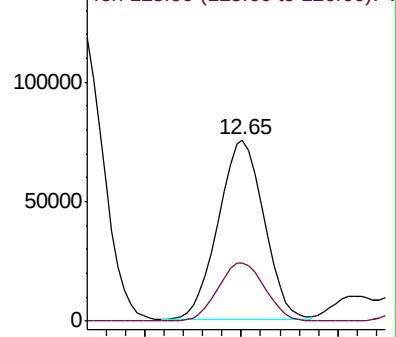
Ion Ratio Lower Upper

91 100

126 33.1 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.681 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062781.D

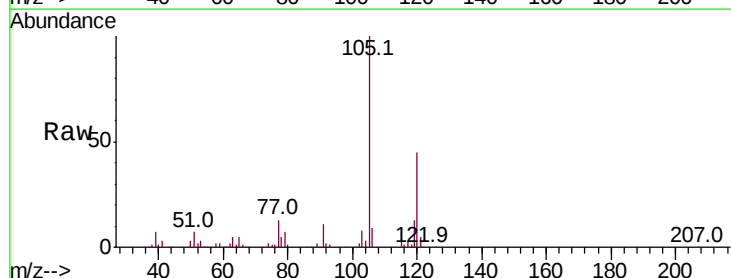
Acq: 7 Aug 2020 16:03

Tgt Ion:105 Resp: 153554

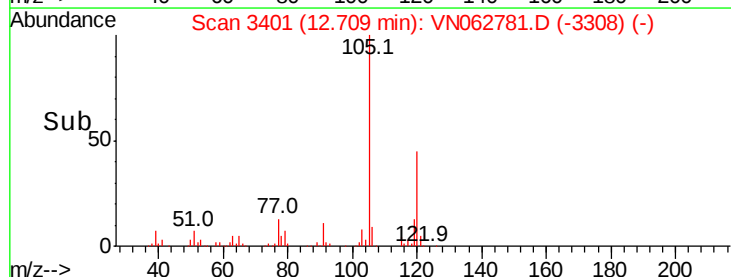
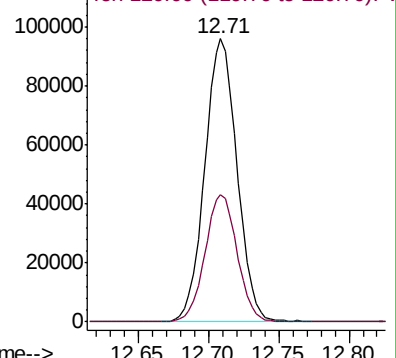
Ion Ratio Lower Upper

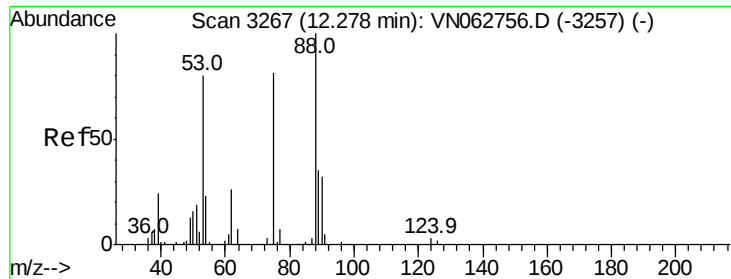
105 100

120 44.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.334 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

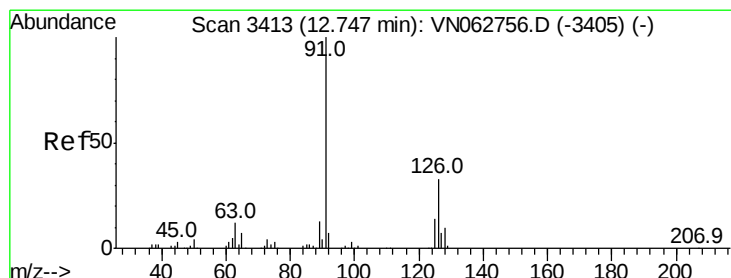
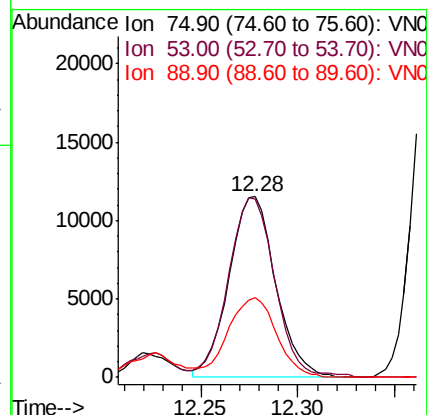
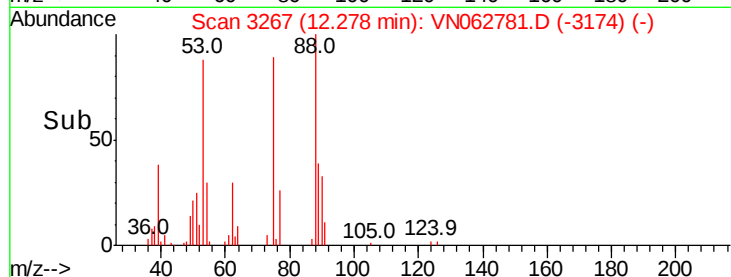
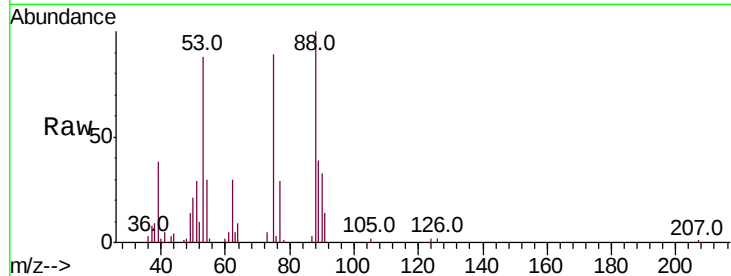
Tot Ion: 75 Resp: 19345

Ion Ratio Lower Upper

75 100

53 99.5 79.1 118.7

89 46.2 36.2 54.2



#82

4-Chlorotoluene

Concen: 18.289 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062781.D

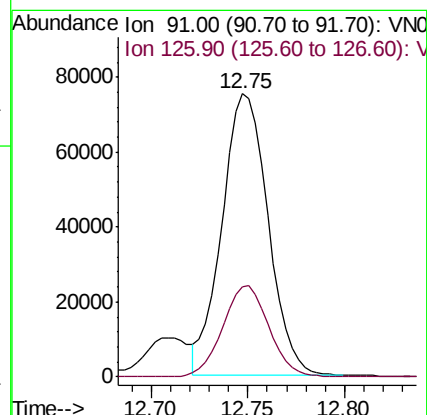
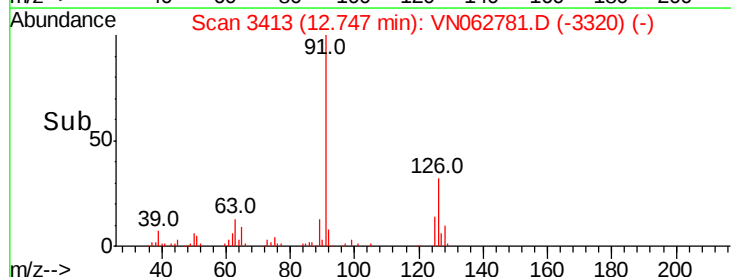
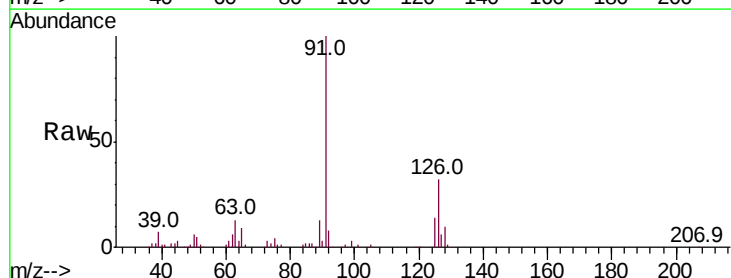
Acq: 7 Aug 2020 16:03

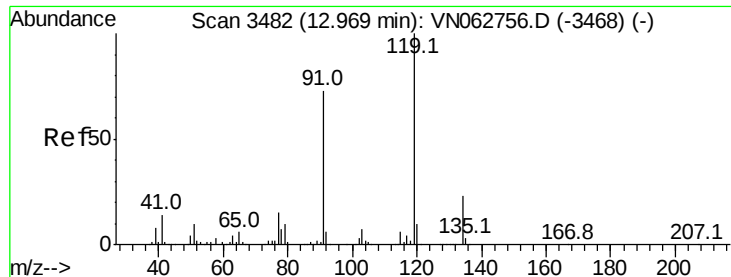
Tgt Ion: 91 Resp: 124773

Ion Ratio Lower Upper

91 100

126 32.6 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.912 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

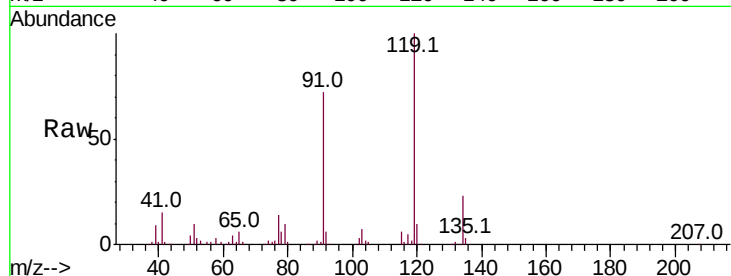
Tot Ion:119 Resp: 124856

Ion Ratio Lower Upper

119 100

91 72.1 36.5 109.5

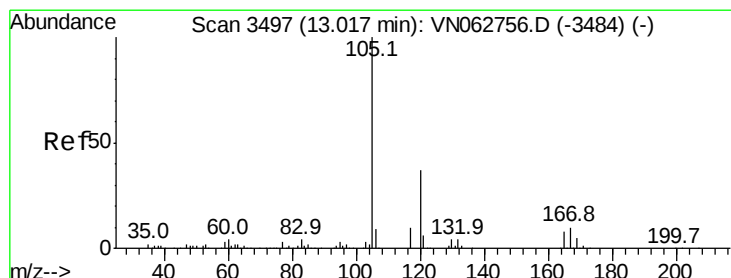
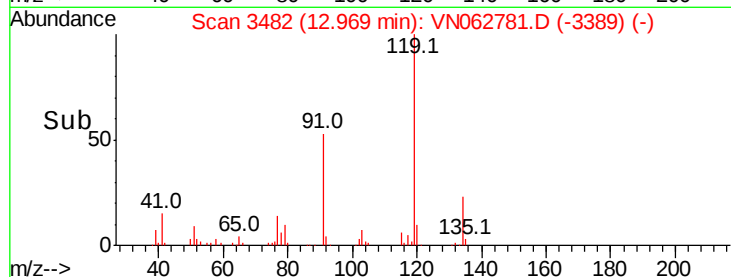
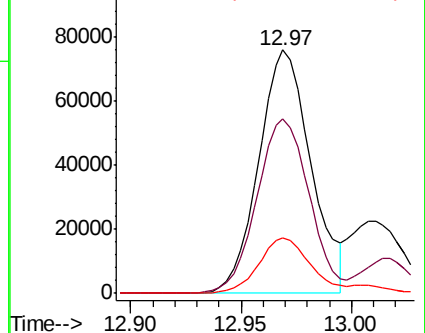
134 24.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.703 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062781.D

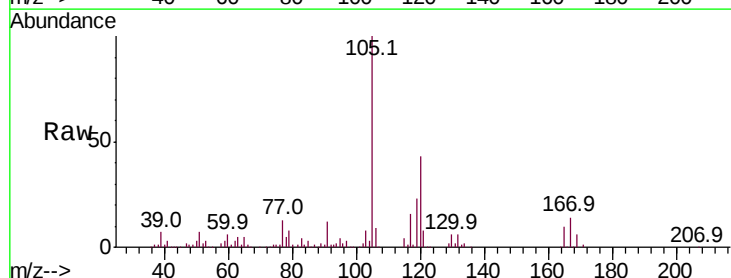
Acq: 7 Aug 2020 16:03

Tgt Ion:105 Resp: 147073

Ion Ratio Lower Upper

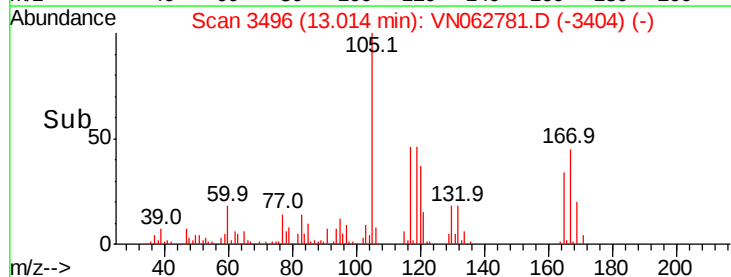
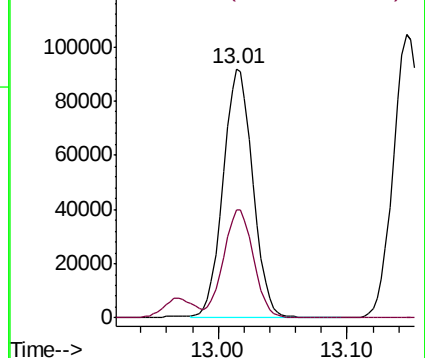
105 100

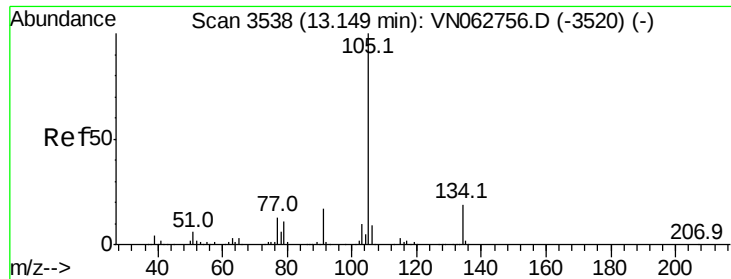
120 43.7 21.4 64.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

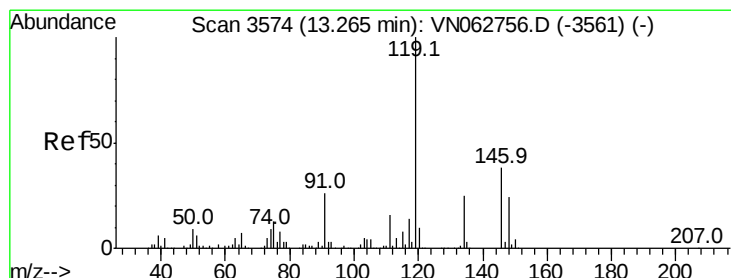
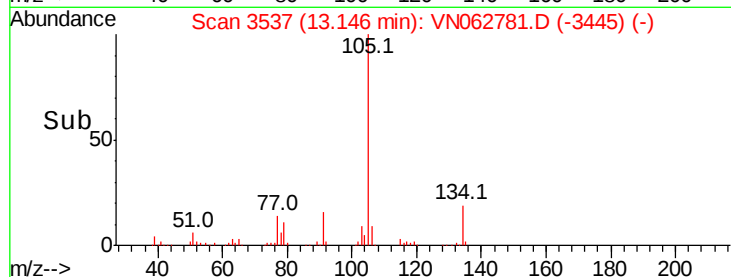
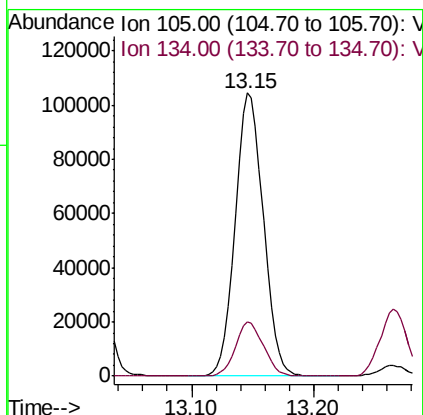
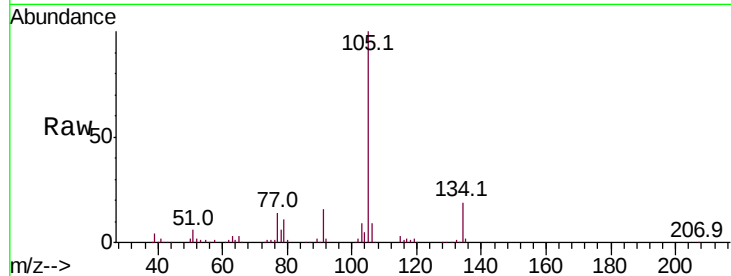




#85
 sec-Butylbenzene
 Concen: 19.266 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

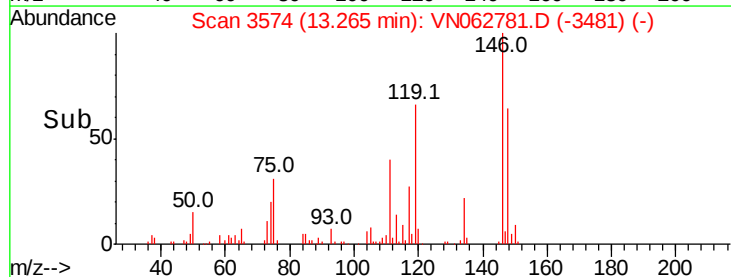
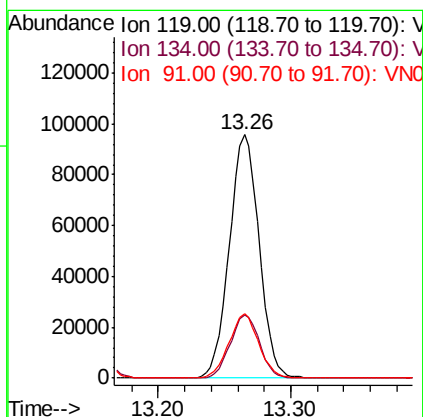
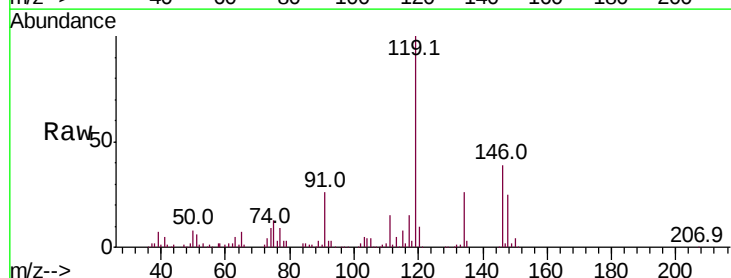
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

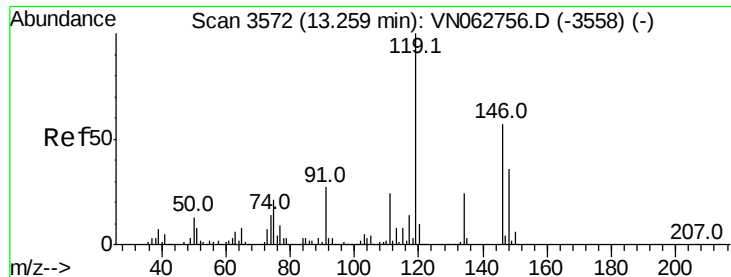
Tot Ion:105 Resp: 167033
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 19.449 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion:119 Resp: 149672
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 26.4 13.4 40.2

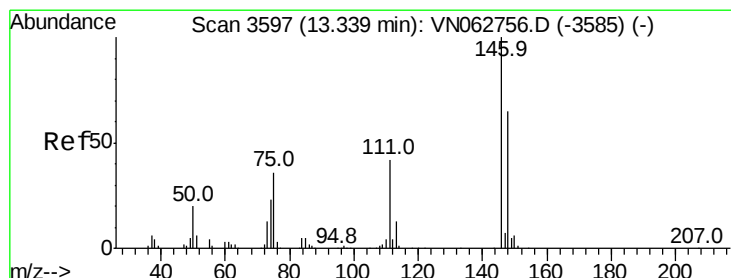
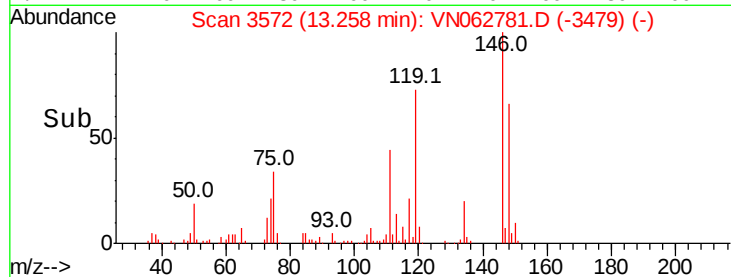
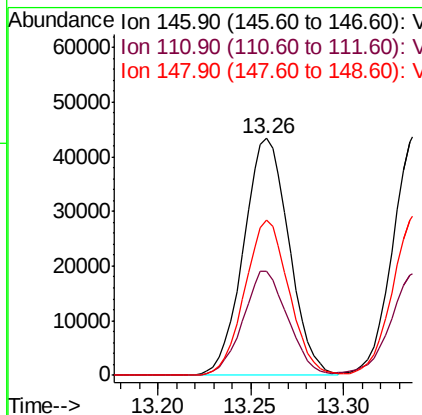
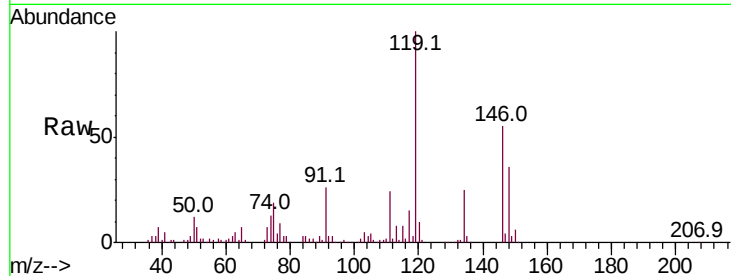




#87
 1,3-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

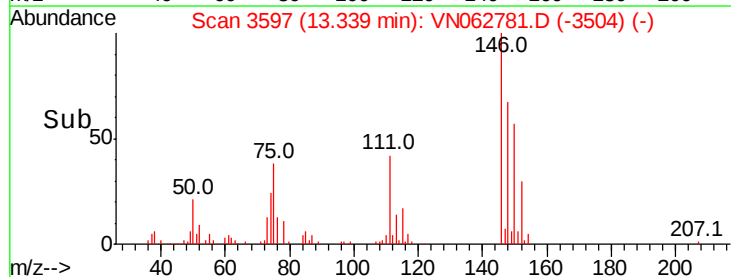
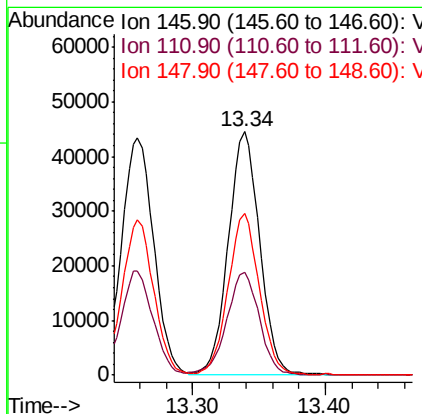
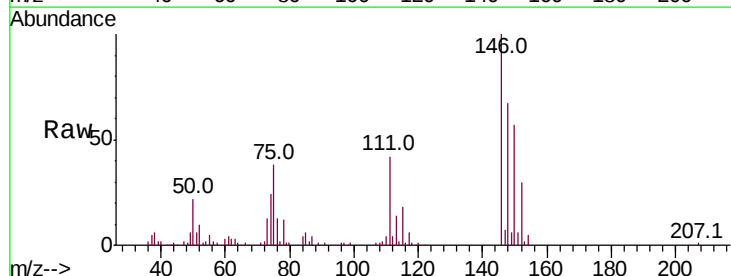
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

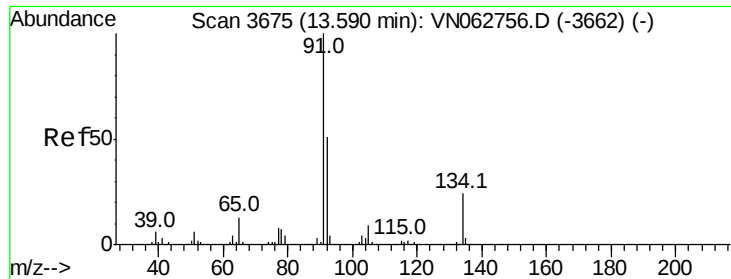
Tot Ion:146 Resp: 73893
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.7 65.1
 148 63.7 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.357 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion:146 Resp: 73503
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.6 64.6
 148 65.9 32.6 97.8

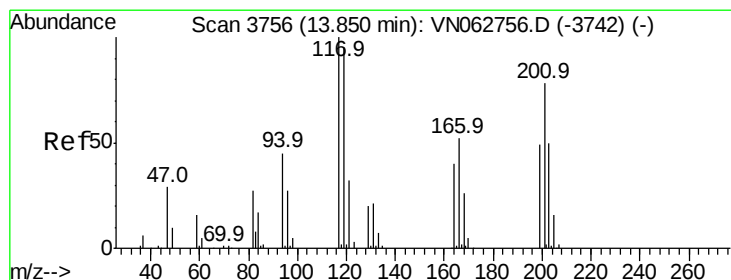
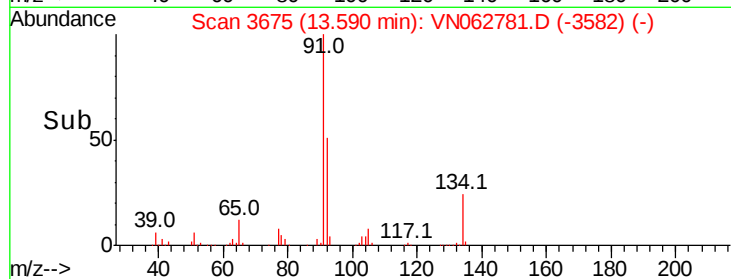
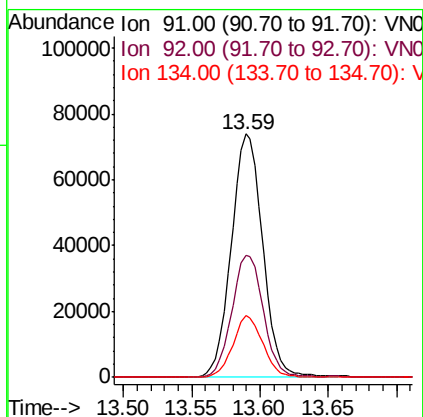
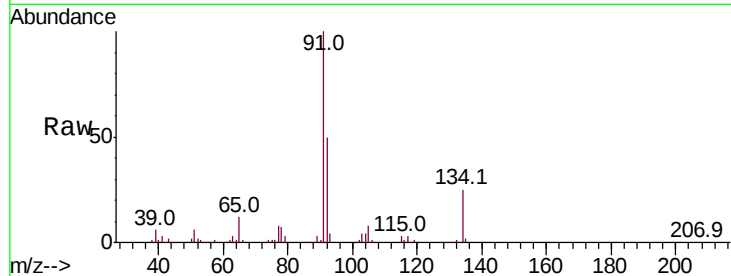




#89
n-Butylbenzene
Concen: 18.197 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

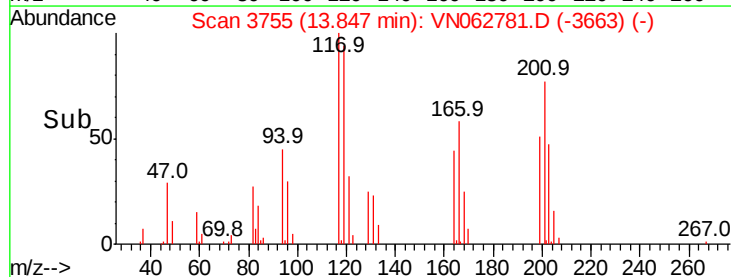
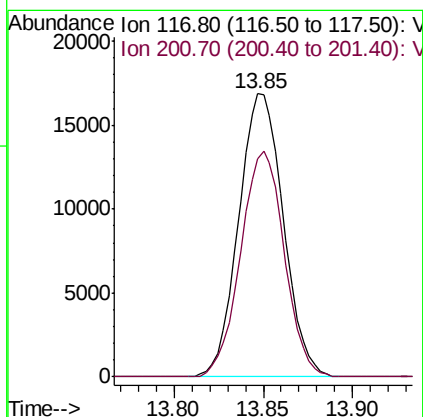
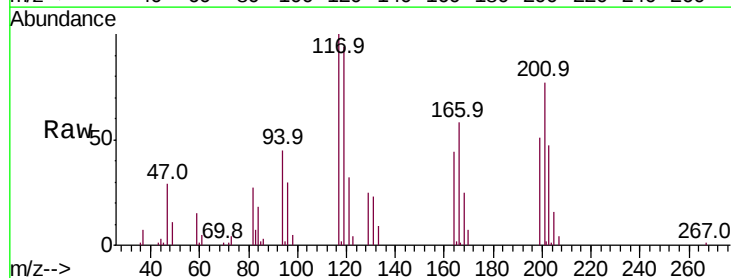
Instrument :
MSVOA_N
ClientSampleId :
VN0807WBSD01

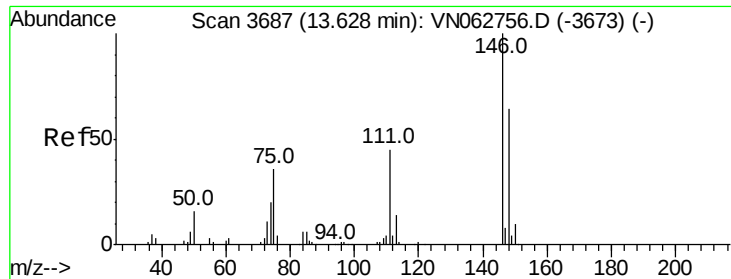
Tot Ion: 91 Resp: 118436
Ion Ratio Lower Upper
91 100
92 50.3 25.7 77.0
134 24.1 12.2 36.6



#90
Hexachloroethane
Concen: 17.743 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062781.D
Acq: 7 Aug 2020 16:03

Tgt Ion: 117 Resp: 29432
Ion Ratio Lower Upper
117 100
201 78.0 39.2 117.6

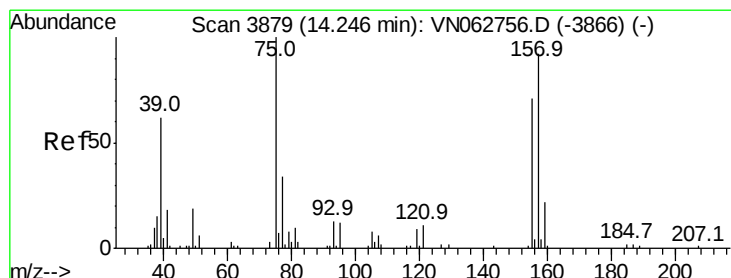
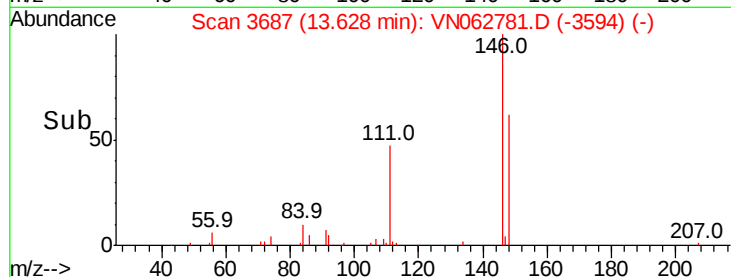
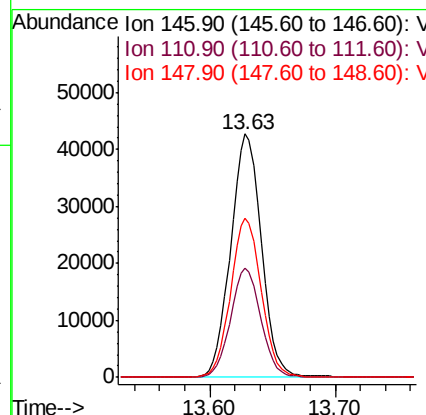
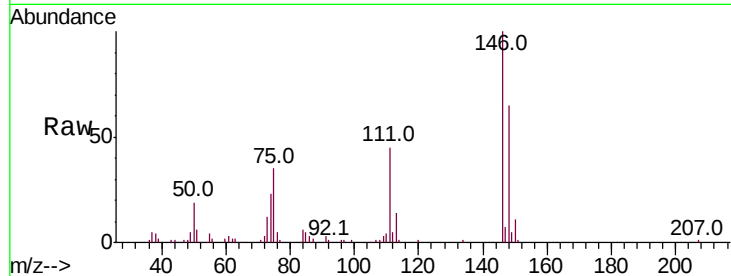




#91
 1,2-Dichlorobenzene
 Concen: 19.443 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

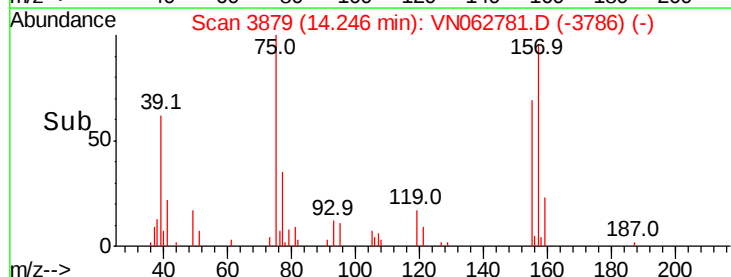
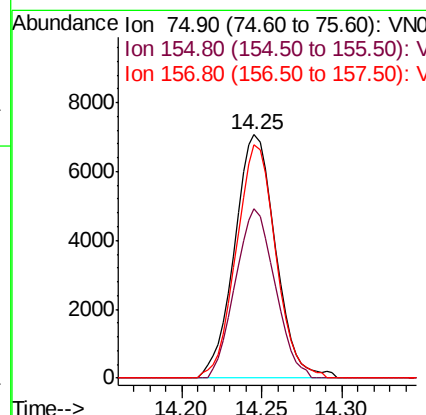
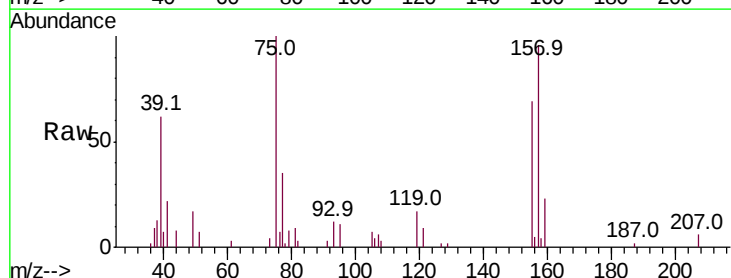
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

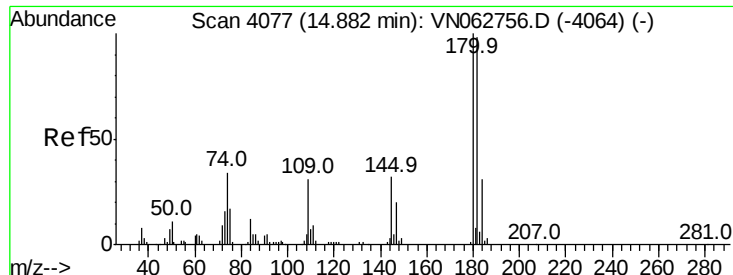
Tot Ion:146 Resp: 72769
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.8 68.4
 148 65.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.182 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion: 75 Resp: 12358
 Ion Ratio Lower Upper
 75 100
 155 66.9 35.0 105.1
 157 92.2 43.2 129.6

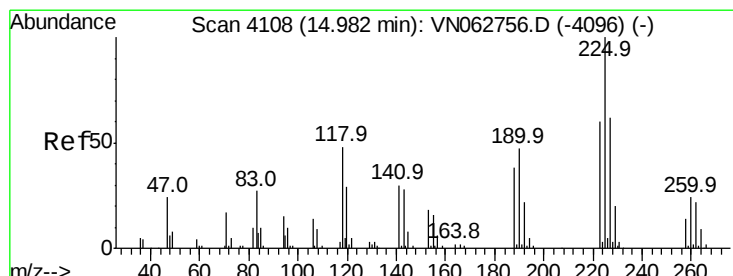
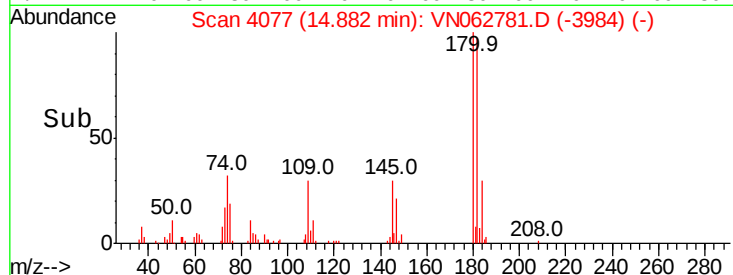
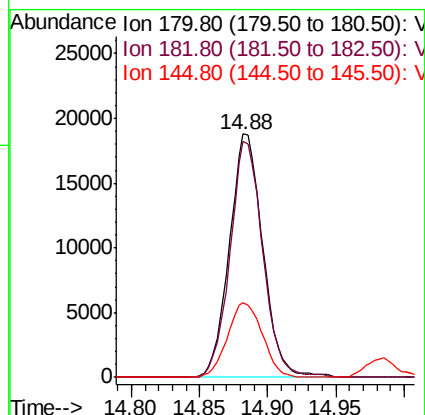
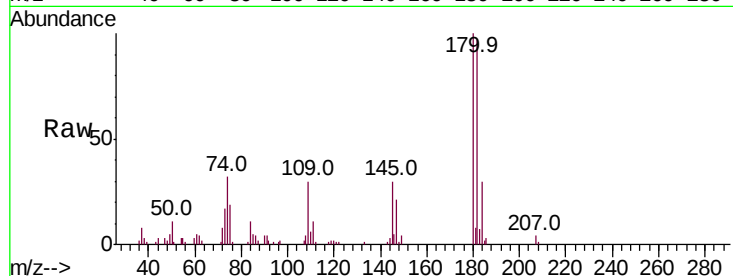




#93
 1,2,4-Trichlorobenzene
 Concen: 18.163 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

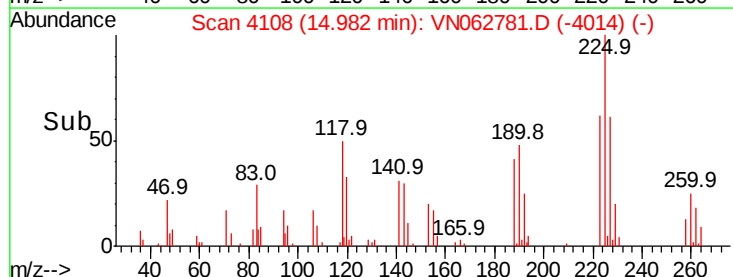
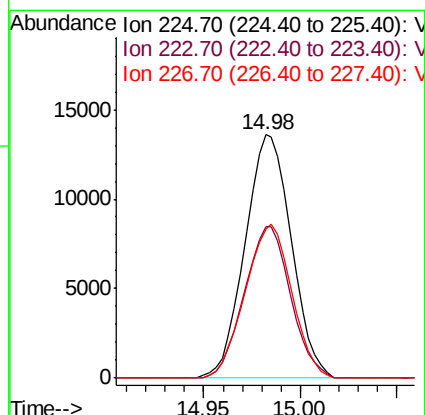
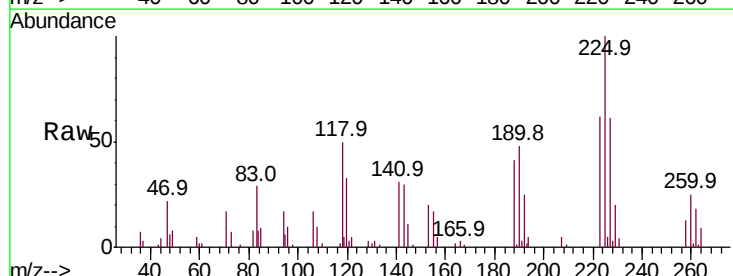
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

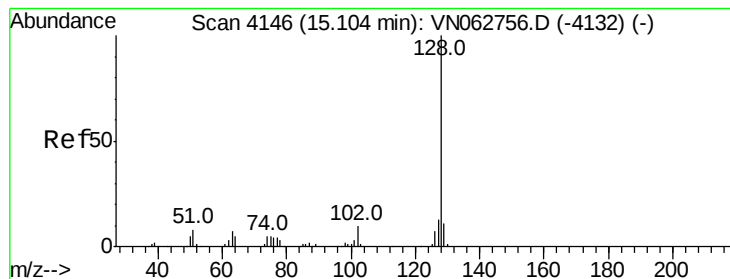
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	49.1	147.4
145	31.9	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 18.266 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062781.D
 Acq: 7 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.6	92.0
227	63.5	31.6	95.0





#95

Naphthalene

Concen: 17.710 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN0807WBSD01

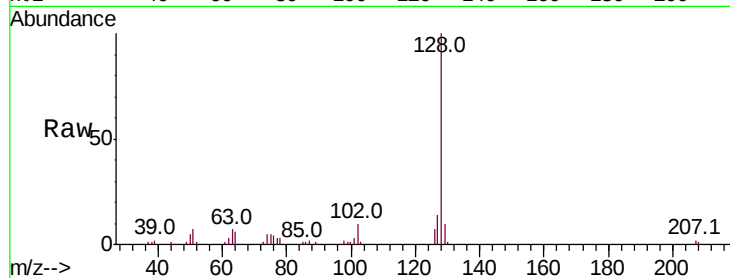
Tot Ion:128 Resp: 83039

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

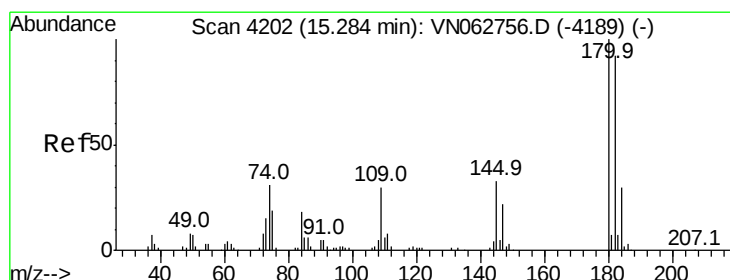
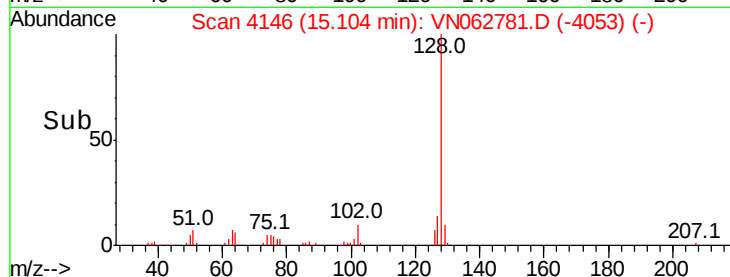
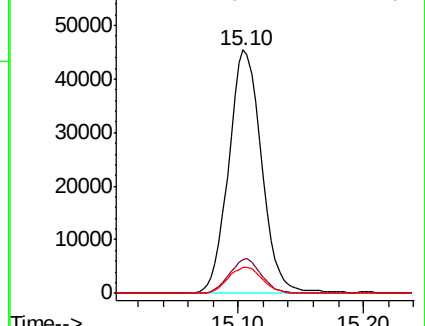
129 11.0 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 18.467 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062781.D

Acq: 7 Aug 2020 16:03

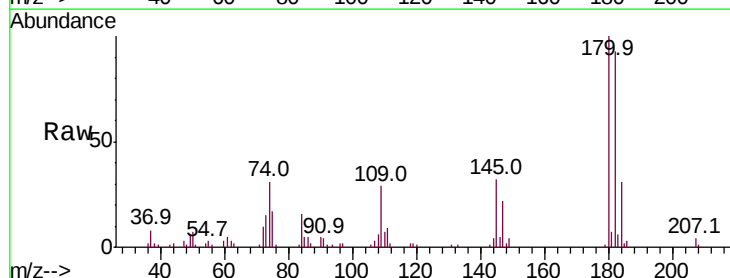
Tgt Ion:180 Resp: 32963

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 33.6 17.3 51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

