

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063755.D
 Acq On : 30 Sep 2020 17:31
 Operator : JC/MD
 Sample : VN0930WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

Quant Time: Oct 01 02:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	263518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190097	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	216273	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.55	113	147161	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
50) Toluene-d8	10.06	98	557964	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.38	95	208356	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	51099	18.377	ug/l	100
3) Chloromethane	2.04	50	61563	18.869	ug/l	99
4) Vinyl Chloride	2.16	62	62074	18.954	ug/l	97
5) Bromomethane	2.53	94	38220	18.554	ug/l	99
6) Chloroethane	2.68	64	38279	19.560	ug/l	99
7) Trichlorofluoromethane	2.98	101	99950	19.243	ug/l	98
8) Diethyl Ether	3.37	74	35623	20.279	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51423	18.523	ug/l	96
10) Methyl Iodide	3.91	142	62064	19.254	ug/l	99
11) Tert butyl alcohol	4.72	59	44990	93.604	ug/l	99
12) 1,1-Dichloroethene	3.70	96	51425	19.379	ug/l	98
13) Acrolein	3.57	56	27960	94.783	ug/l	98
14) Allyl chloride	4.28	41	96010	19.475	ug/l	96
15) Acrylonitrile	4.93	53	135776	98.688	ug/l	99
16) Acetone	3.77	43	122563	91.455	ug/l	96
17) Carbon Disulfide	4.01	76	138192	19.699	ug/l	100
18) Methyl Acetate	4.28	43	69275	19.909	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	192887	20.008	ug/l	99
20) Methylene Chloride	4.51	84	61591	20.124	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	54686	18.399	ug/l	94
22) Diisopropyl ether	5.90	45	205063	20.218	ug/l	99
23) Vinyl Acetate	5.85	43	835906	99.490	ug/l	99
24) 1,1-Dichloroethane	5.80	63	114705	19.779	ug/l	99
25) 2-Butanone	6.79	43	187978	98.936	ug/l	100
26) 2,2-Dichloropropane	6.78	77	93361	17.579	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66272	19.387	ug/l	99
28) Bromochloromethane	7.15	49	63102	22.015	ug/l	99
29) Tetrahydrofuran	7.17	42	125785	98.708	ug/l	99
30) Chloroform	7.33	83	118799	19.646	ug/l	98
31) Cyclohexane	7.62	56	94318	18.661	ug/l	# 92
32) 1,1,1-Trichloroethane	7.53	97	104174	19.100	ug/l	98
36) 1,1-Dichloropropene	7.75	75	85341	18.364	ug/l	99
37) Ethyl Acetate	6.88	43	82279	17.820	ug/l	99
38) Carbon Tetrachloride	7.74	117	88119	16.910	ug/l	96

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

39) Methylcyclohexane	9.05	83	78210	16.876	ug/l	98
40) Benzene	8.00	78	243468	18.342	ug/l	100
41) Methacrylonitrile	7.16	41	122503	59.698	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	105599	18.637	ug/l	99
43) Isopropyl Acetate	8.13	43	141608	18.594	ug/l #	89
44) Trichloroethene	8.80	130	61699	17.740	ug/l	97
45) 1,2-Dichloropropane	9.08	63	65697	18.326	ug/l	98
46) Dibromomethane	9.17	93	44808	18.119	ug/l	99
47) Bromodichloromethane	9.37	83	92580	18.165	ug/l	98
48) Methyl methacrylate	9.17	41	71652	19.043	ug/l	96
49) 1,4-Dioxane	9.17	88	17933	335.349	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	423373	94.730	ug/l	100
52) Toluene	10.13	92	152649	18.592	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	99276	18.171	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	105746	18.507	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	60869	18.487	ug/l	97
56) Ethyl methacrylate	10.40	69	87880	18.830	ug/l	99
57) 1,3-Dichloropropane	10.68	76	104072	18.683	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	227552	91.148	ug/l	99
59) 2-Hexanone	10.72	43	297483	89.602	ug/l	99
60) Dibromochloromethane	10.87	129	67288	17.548	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61974	18.400	ug/l	99
64) Tetrachloroethene	10.60	164	56747	17.309	ug/l	97
65) Chlorobenzene	11.41	112	161778	18.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60165	18.054	ug/l	99
67) Ethyl Benzene	11.49	91	294404	18.613	ug/l	100
68) m/p-Xylenes	11.59	106	215226	36.509	ug/l	99
69) o-Xylene	11.92	106	102344	18.574	ug/l	99
70) Styrene	11.94	104	174456	18.652	ug/l	99
71) Bromoform	12.10	173	44628	17.510	ug/l #	99
73) Isopropylbenzene	12.22	105	271271	19.564	ug/l	99
74) N-amyl acetate	12.05	43	119755	19.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85212	20.097	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	115759	27.624	ug/l #	100
77) Bromobenzene	12.50	156	66896	19.662	ug/l	94
78) n-propylbenzene	12.57	91	311242	19.288	ug/l	98
79) 2-Chlorotoluene	12.65	91	195506	19.700	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	226305	19.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	26647	18.315	ug/l	91
82) 4-Chlorotoluene	12.75	91	205128	19.910	ug/l	100
83) tert-Butylbenzene	12.97	119	181143	19.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	230421	19.840	ug/l	97
85) sec-Butylbenzene	13.15	105	238448	19.080	ug/l	99
86) p-Isopropyltoluene	13.26	119	208308	18.841	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	118471	19.248	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	116442	18.169	ug/l	97
89) n-Butylbenzene	13.59	91	184121	18.043	ug/l	99
90) Hexachloroethane	13.85	117	36576	17.072	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	115207	18.897	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18843	18.950	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

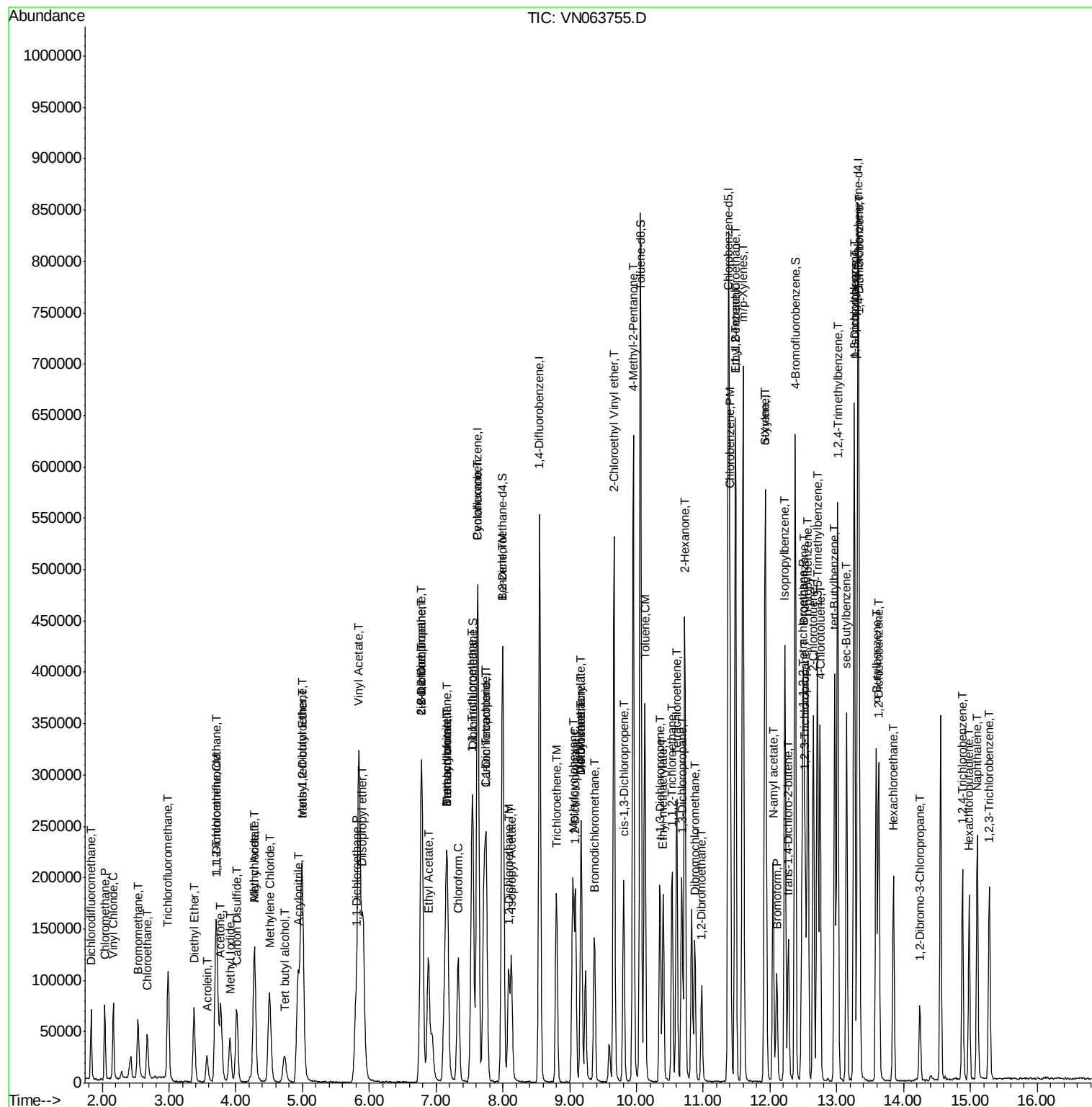
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59149	18.959	ug/l	99
94) Hexachlorobutadiene	14.98	225	29661	17.987	ug/l	98
95) Naphthalene	15.10	128	194536	20.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	56879	18.704	ug/l	100

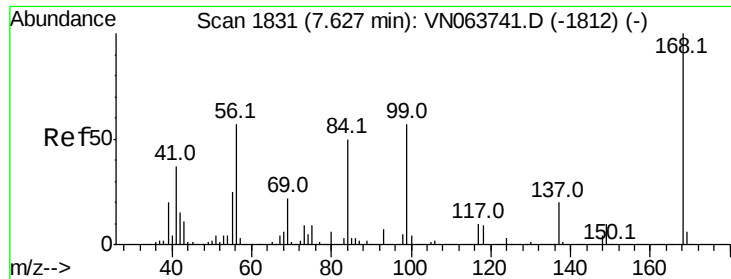
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063755.D
Acq On : 30 Sep 2020 17:31
Operator : JC/MD
Sample : VN0930WBSD01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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Quant Time: Oct 01 02:15:27 2020
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

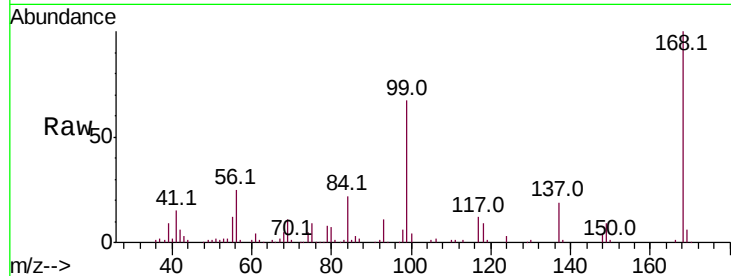
VN0930WBSD01

Tot Ion:168 Resp: 263518

Ion Ratio Lower Upper

168 100

99 66.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

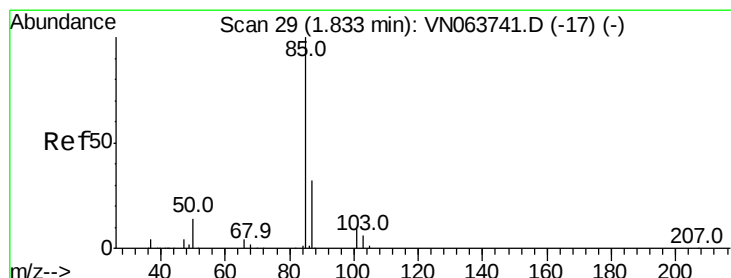
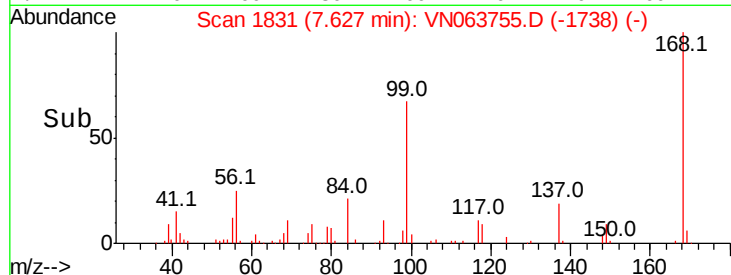
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.377 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063755.D

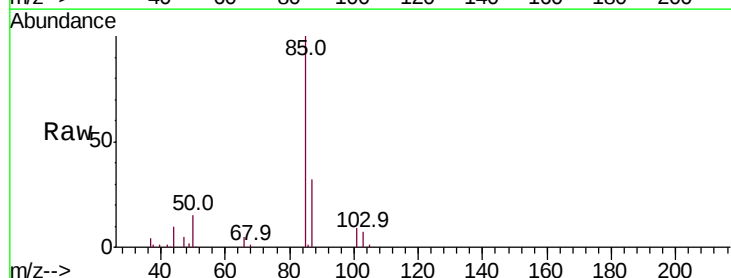
Acq: 30 Sep 2020 17:31

Tgt Ion: 85 Resp: 51099

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

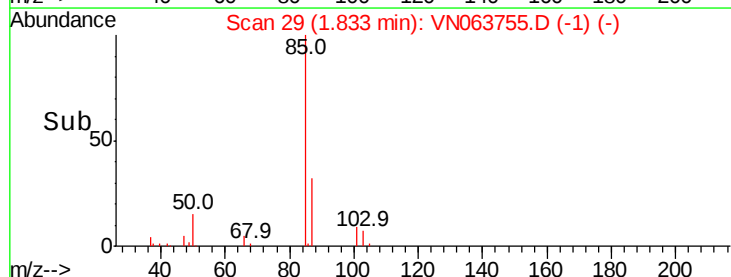
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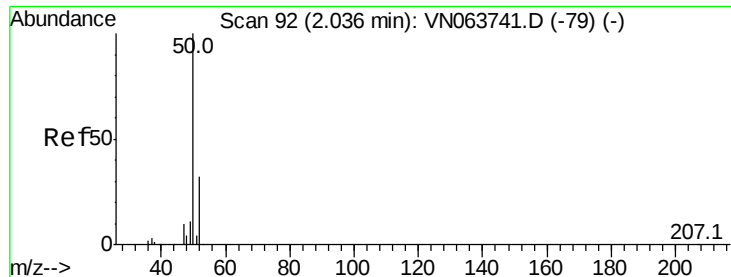
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.869 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

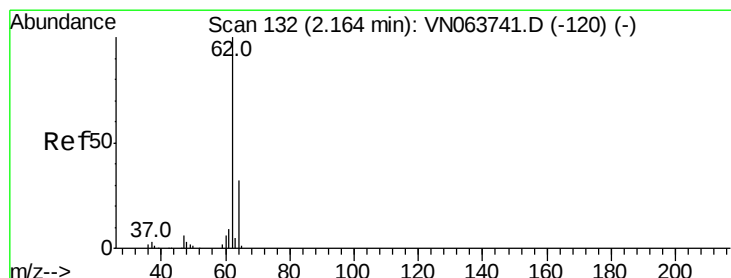
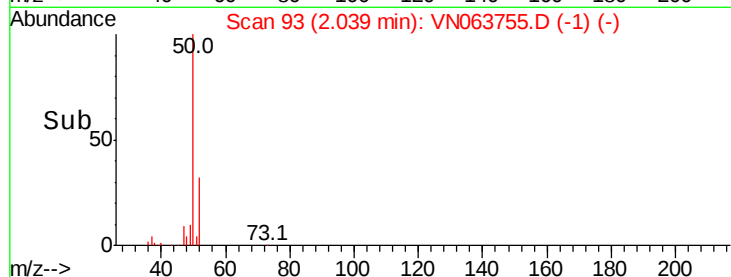
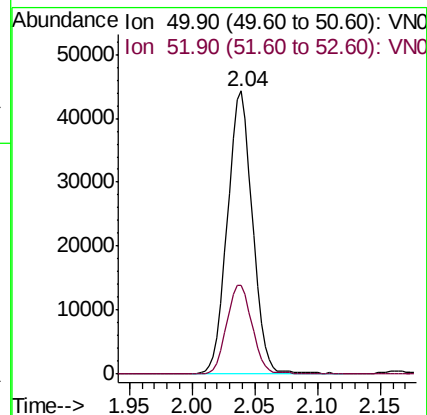
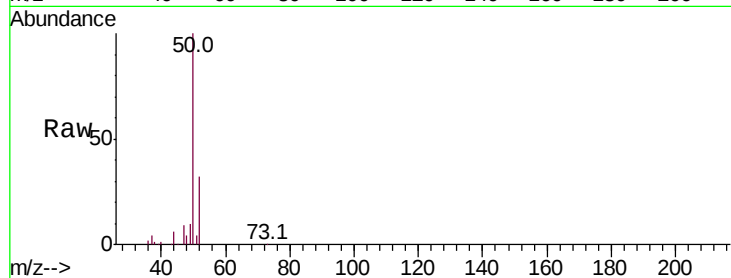
VN0930WBSD01

Tot Ion: 50 Resp: 61563

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.8



#4

Vinyl Chloride

Concen: 18.954 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063755.D

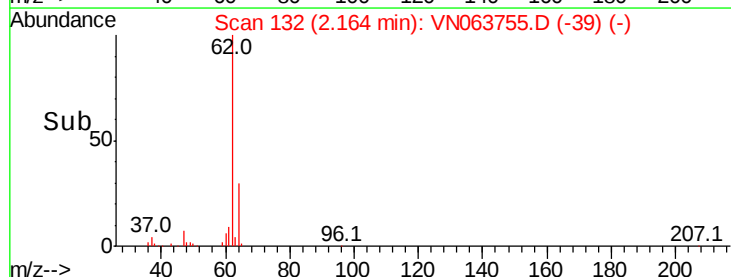
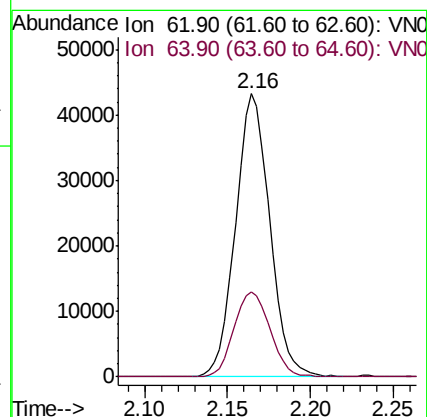
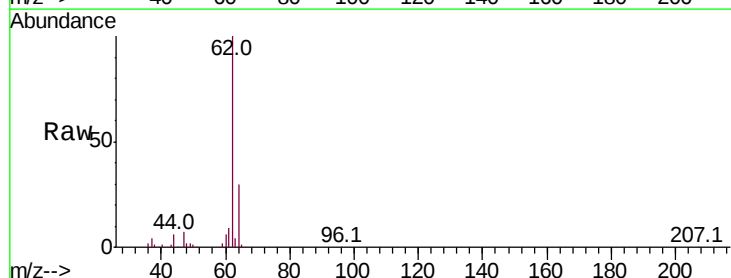
Acq: 30 Sep 2020 17:31

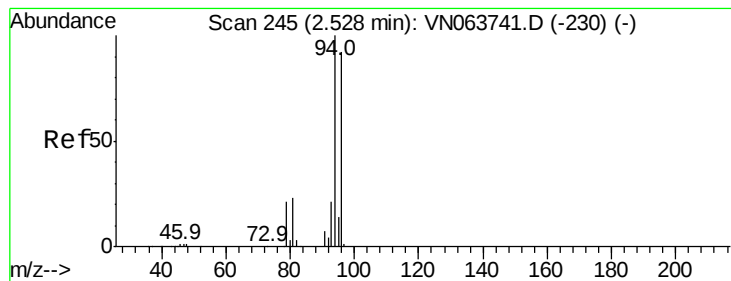
Tgt Ion: 62 Resp: 62074

Ion Ratio Lower Upper

62 100

64 30.1 25.6 38.4





#5

Bromomethane

Concen: 18.554 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

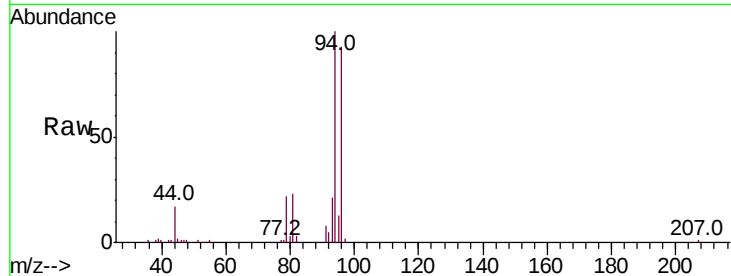
VN0930WBSD01

Tot Ion: 94 Resp: 38220

Ion Ratio Lower Upper

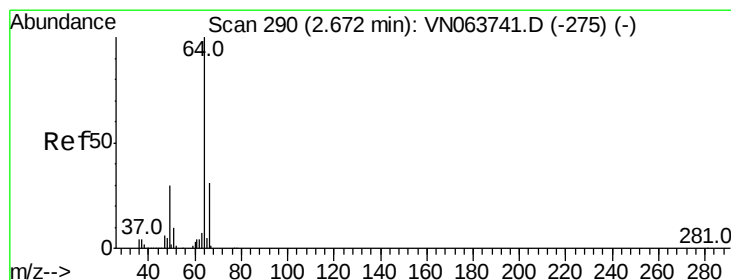
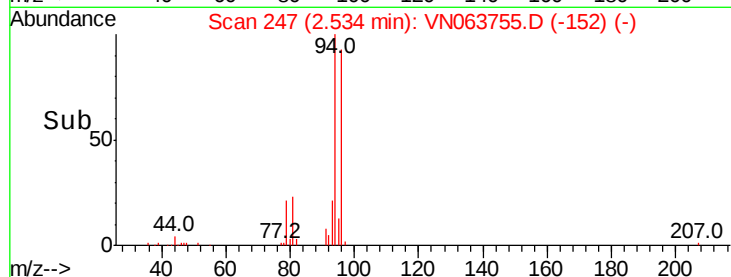
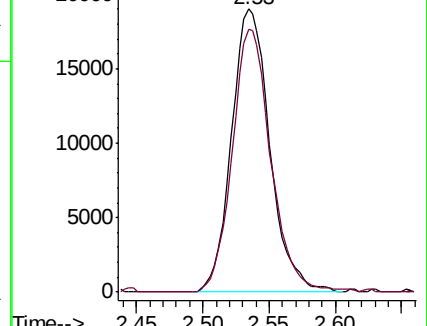
94 100

96 93.0 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.560 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063755.D

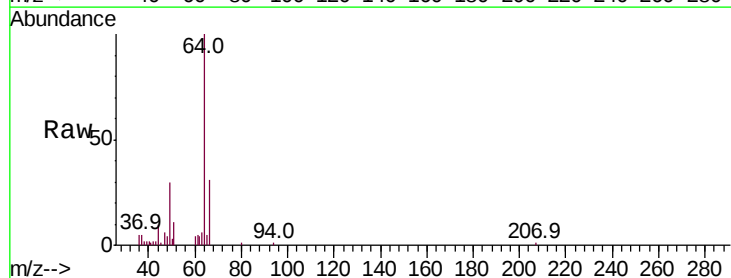
Acq: 30 Sep 2020 17:31

Tgt Ion: 64 Resp: 38279

Ion Ratio Lower Upper

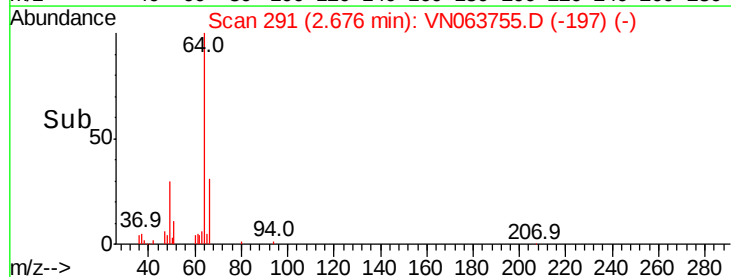
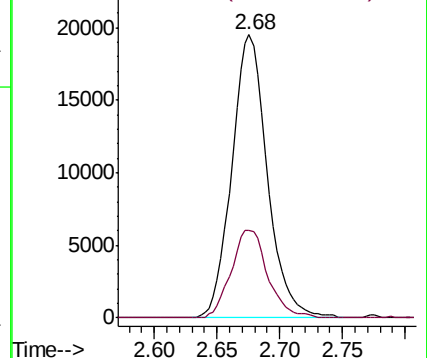
64 100

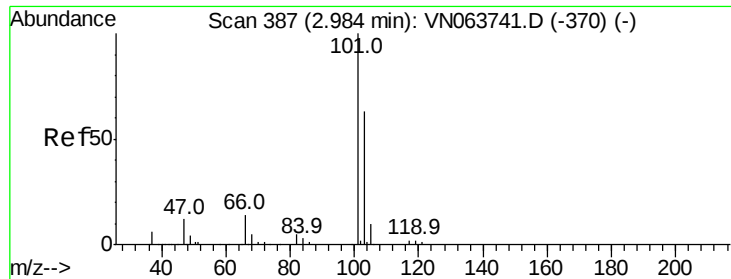
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



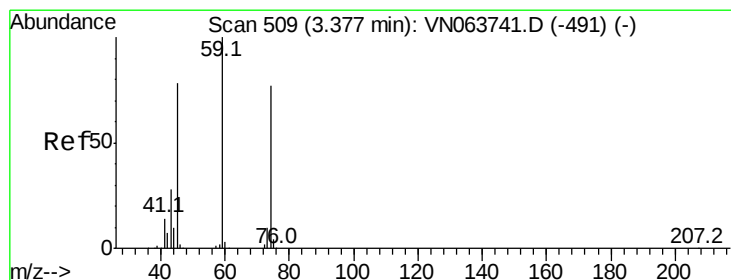
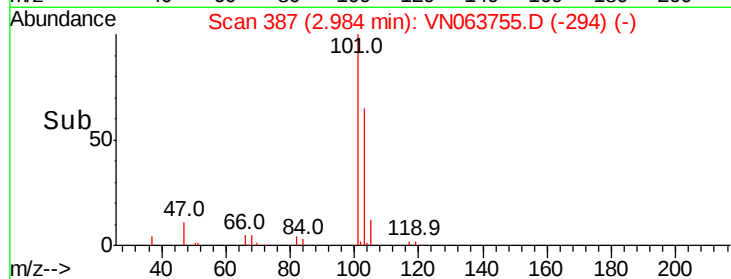
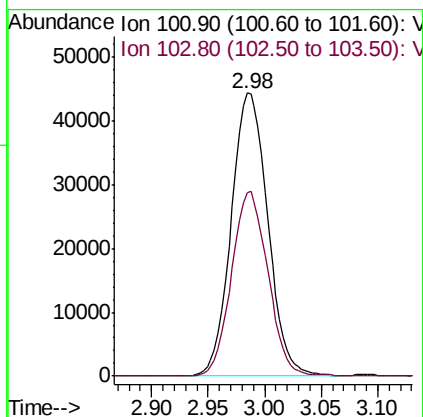
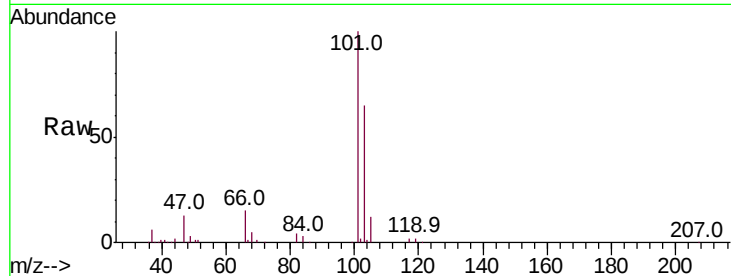


#7

Trichlorofluoromethane
 Concen: 19.243 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Instrument :
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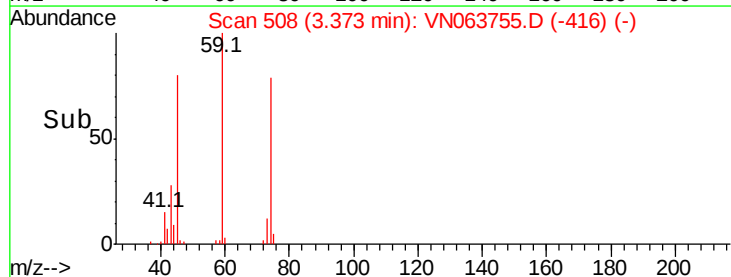
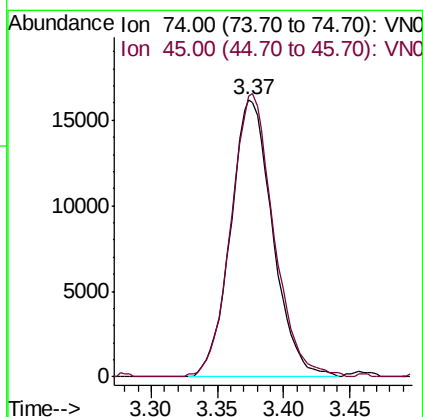
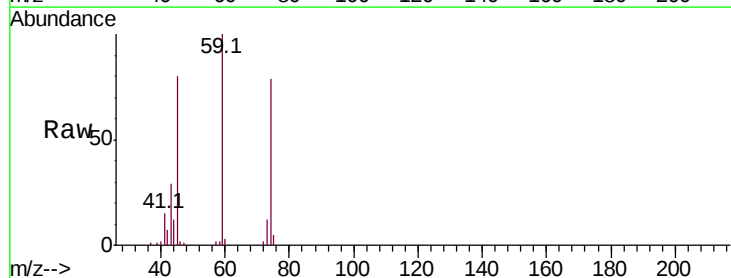
Tot Ion:101 Resp: 99950
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1

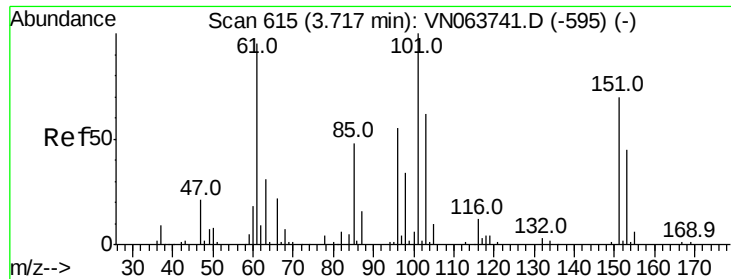


#8

Diethyl Ether
 Concen: 20.279 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Tgt Ion: 74 Resp: 35623
 Ion Ratio Lower Upper
 74 100
 45 104.0 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.523 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

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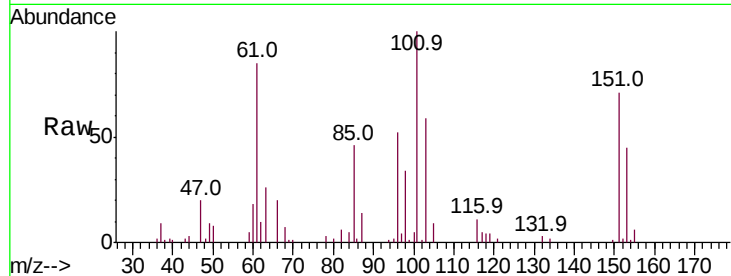
Tot Ion:101 Resp: 51423

Ion Ratio Lower Upper

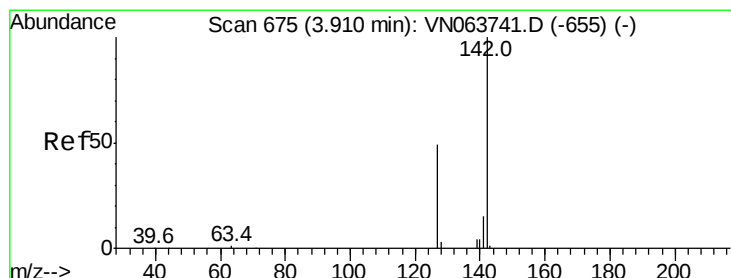
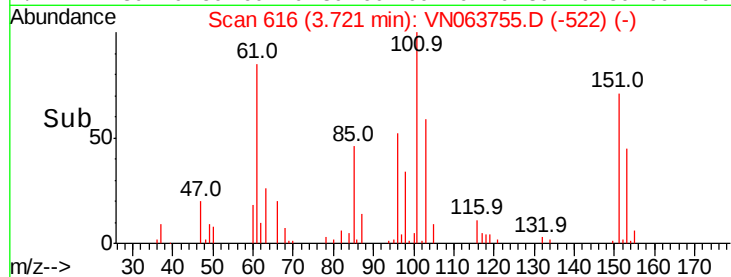
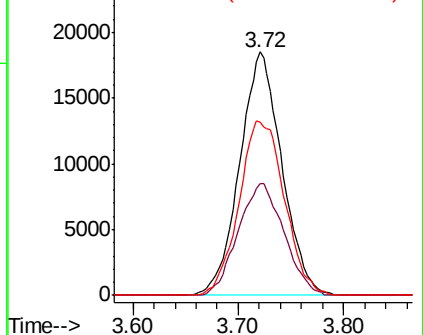
101 100

85 49.9 38.6 58.0

151 77.2 58.7 88.1



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: 19.254 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

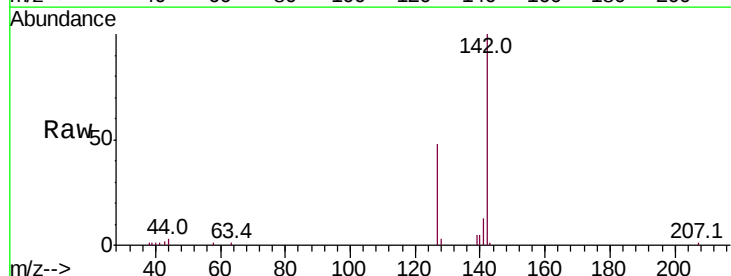
Tgt Ion:142 Resp: 62064

Ion Ratio Lower Upper

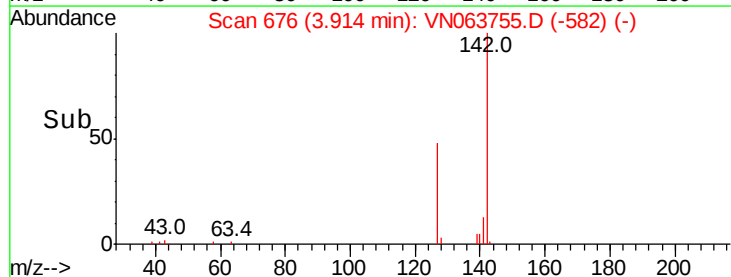
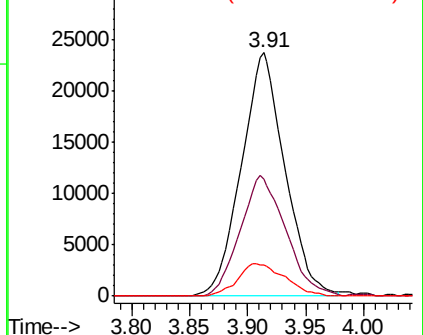
142 100

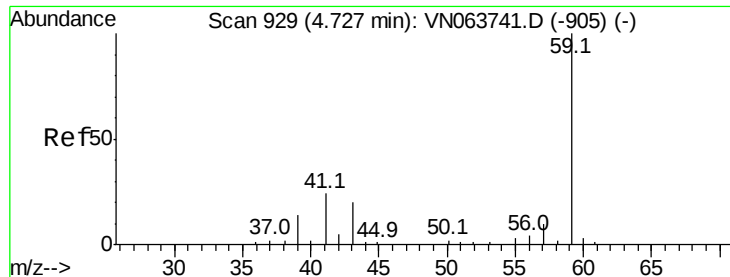
127 51.6 40.5 60.7

141 14.4 11.7 17.5



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

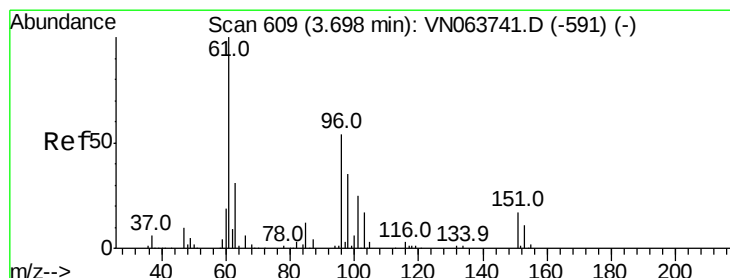
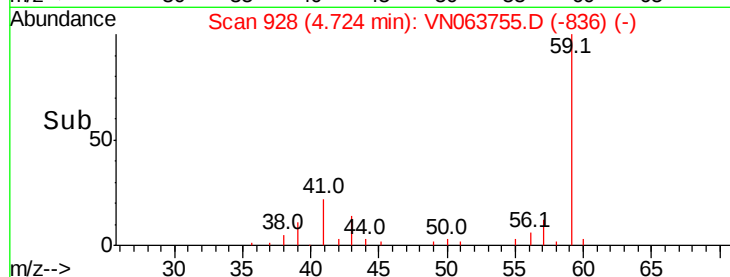
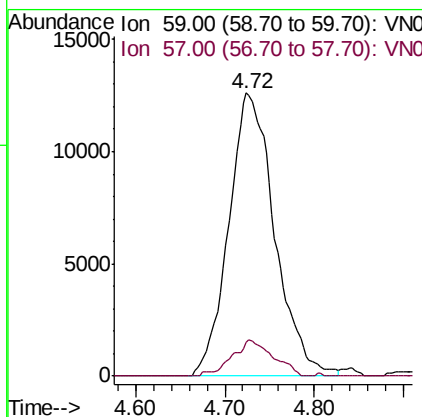
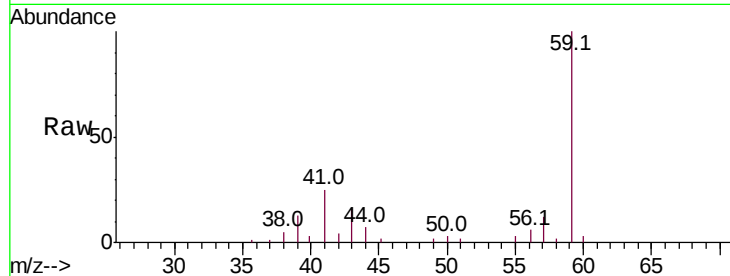




#11
Tert butyl alcohol
Concen: 93.604 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

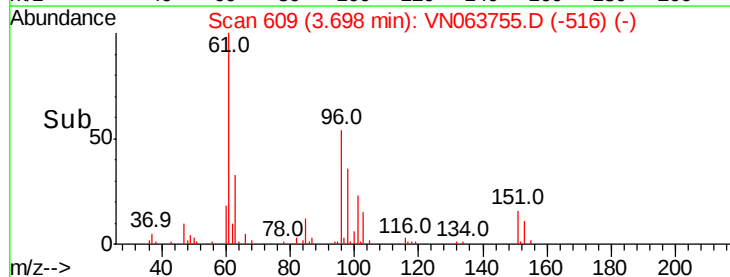
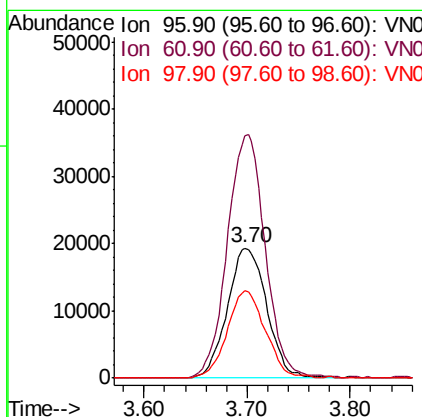
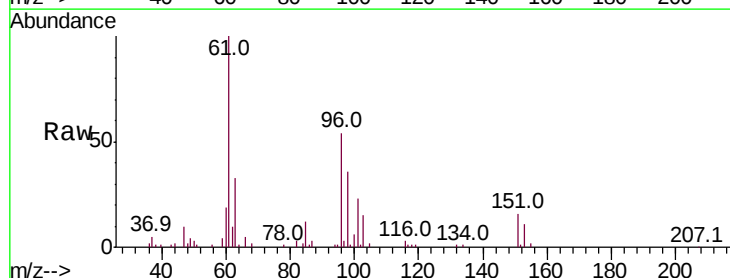
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

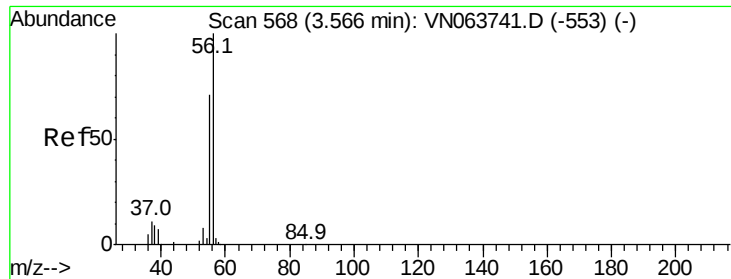
Tot Ion: 59 Resp: 44990
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 19.379 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 96 Resp: 51425
Ion Ratio Lower Upper
96 100
61 186.0 147.7 221.5
98 67.4 51.9 77.9





#13

Acrolein

Concen: 94.783 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

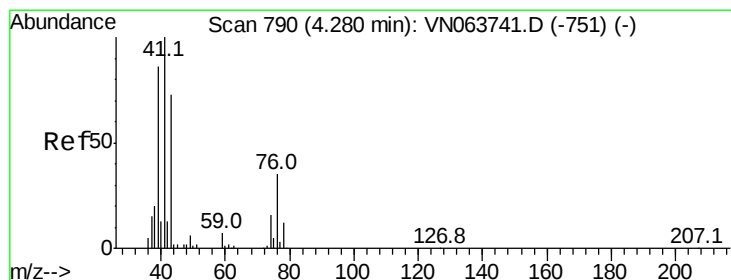
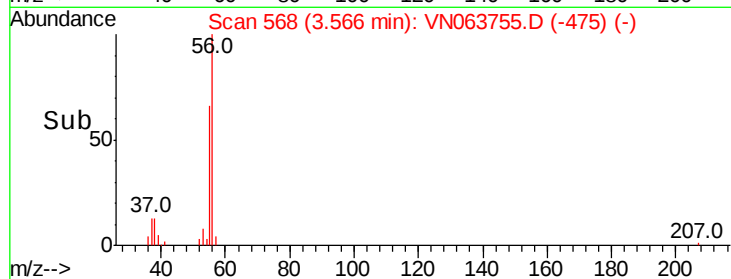
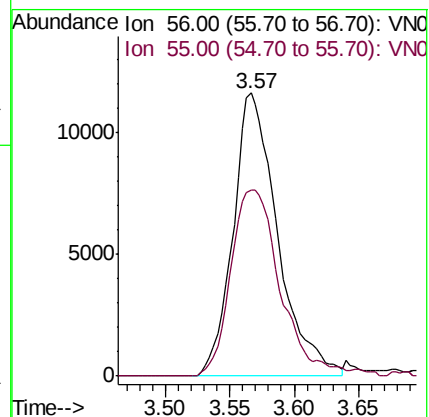
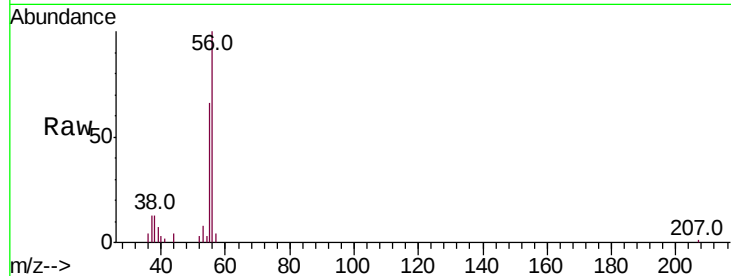
VN0930WBSD01

Tot Ion: 56 Resp: 27960

Ion Ratio Lower Upper

56 100

55 72.5 56.9 85.3



#14

Allyl chloride

Concen: 19.475 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

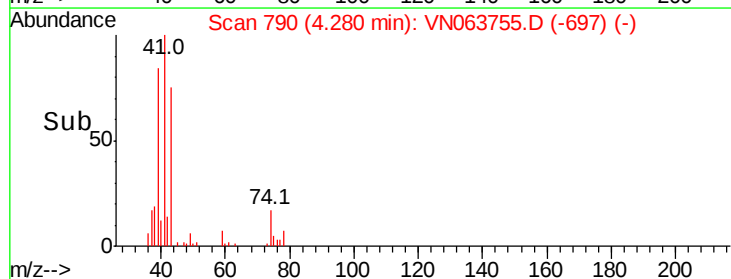
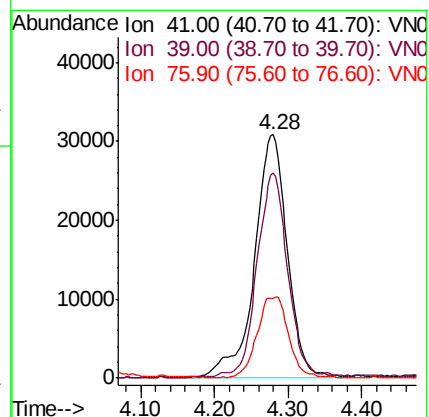
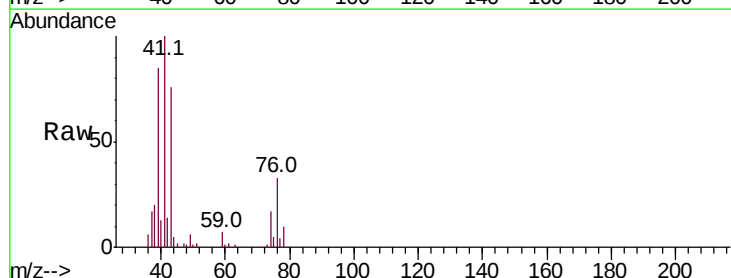
Tgt Ion: 41 Resp: 96010

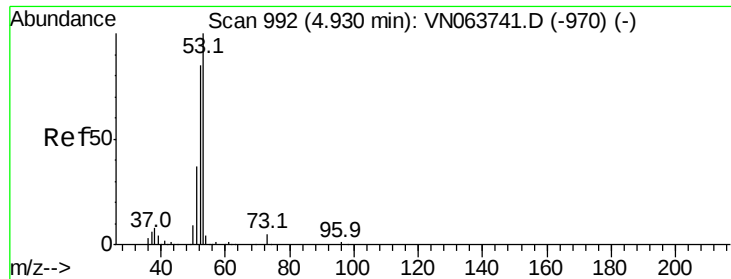
Ion Ratio Lower Upper

41 100

39 76.3 64.5 96.7

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 98.688 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampled :

VN0930WBSD01

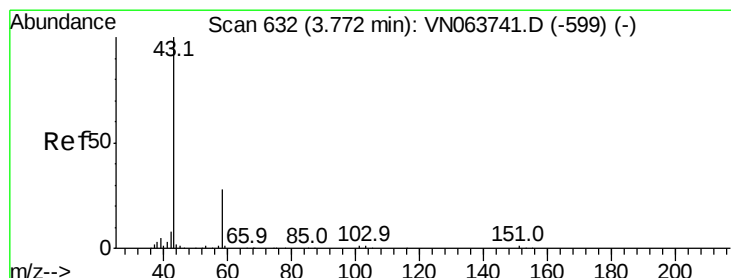
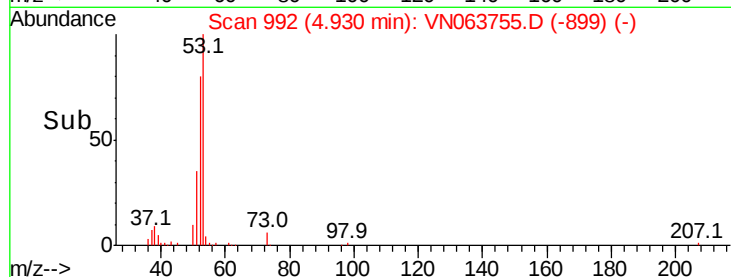
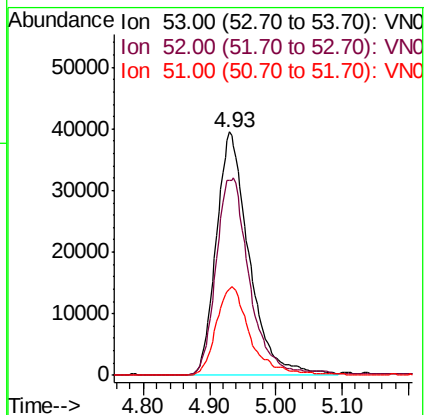
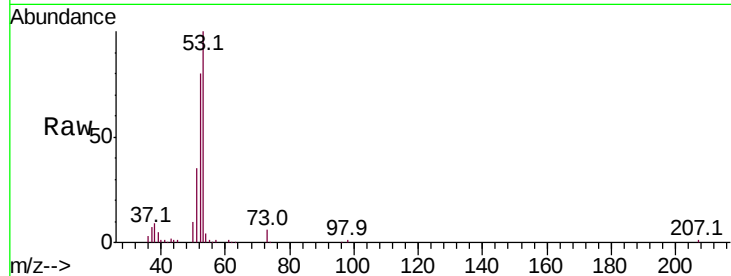
Tot Ion: 53 Resp: 135776

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

51 37.4 29.9 44.9



#16

Acetone

Concen: 91.455 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063755.D

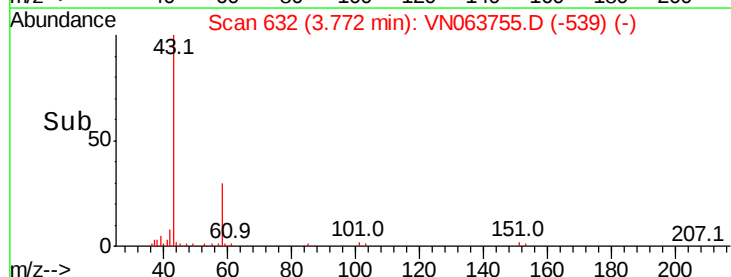
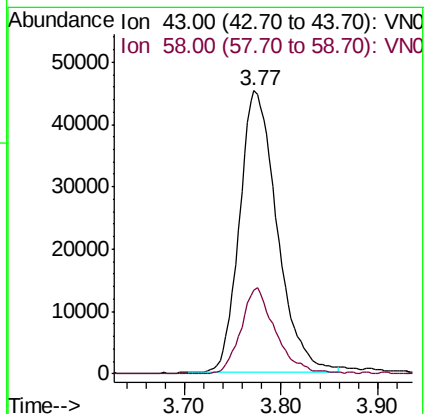
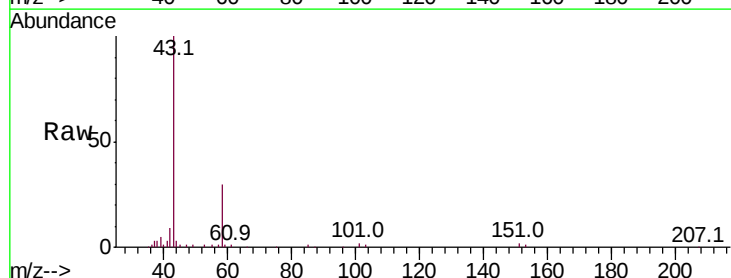
Acq: 30 Sep 2020 17:31

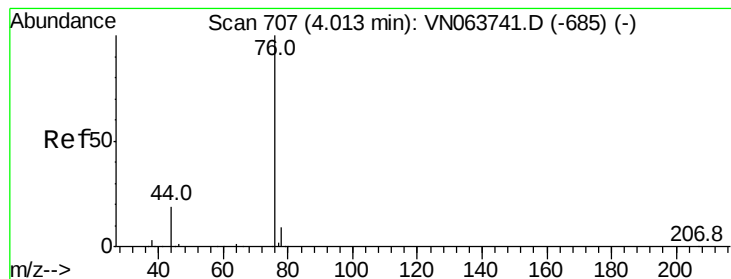
Tgt Ion: 43 Resp: 122563

Ion Ratio Lower Upper

43 100

58 29.8 22.3 33.5





#17

Carbon Disulfide

Concen: 19.699 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

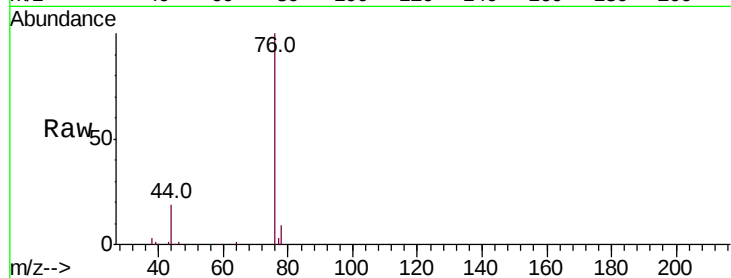
VN0930WBSD01

Tot Ion: 76 Resp: 138192

Ion Ratio Lower Upper

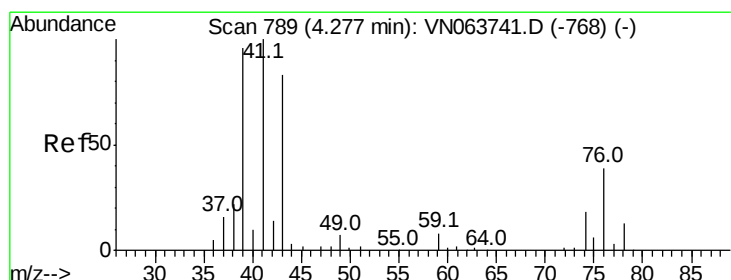
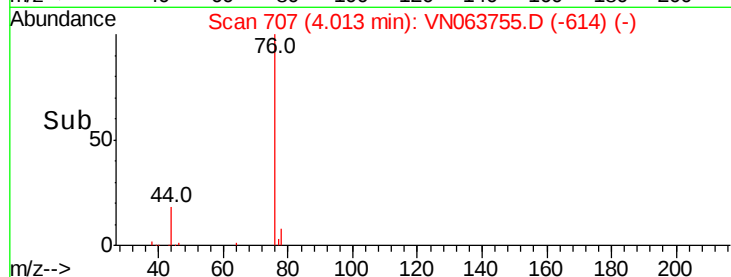
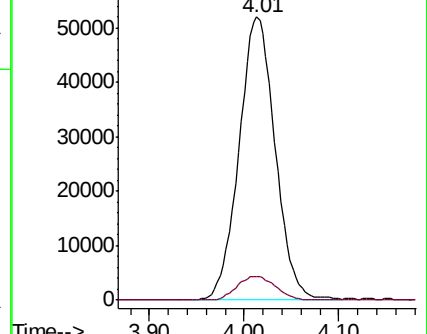
76 100

78 8.5 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.909 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063755.D

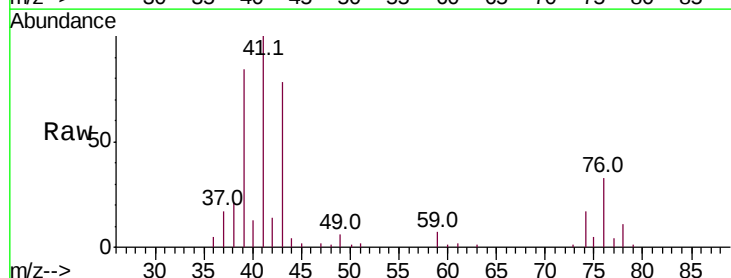
Acq: 30 Sep 2020 17:31

Tgt Ion: 43 Resp: 69275

Ion Ratio Lower Upper

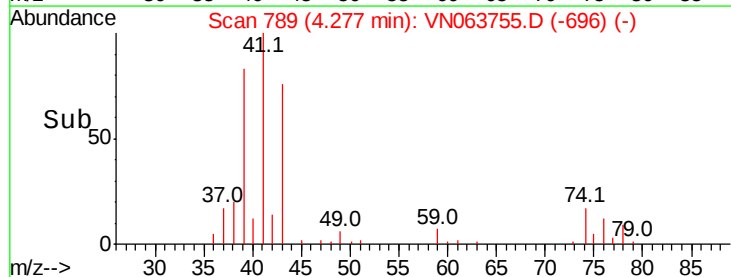
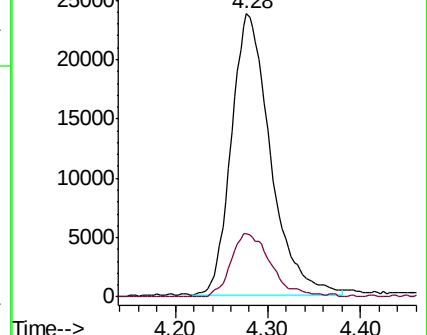
43 100

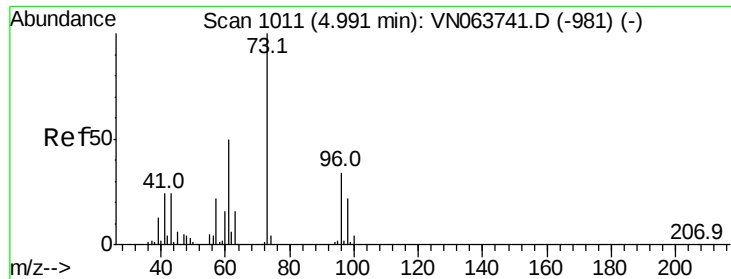
74 23.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

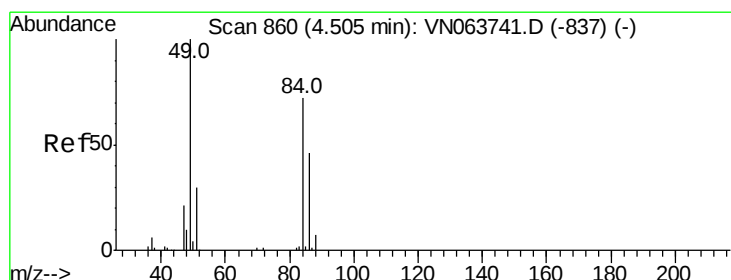
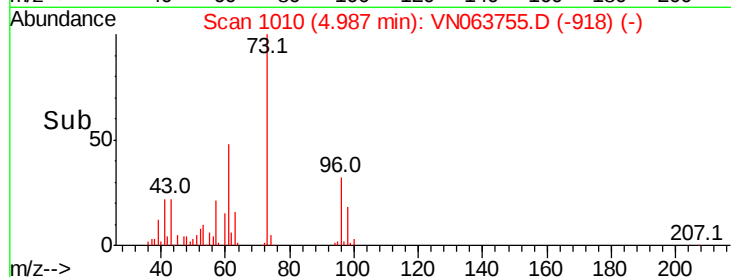
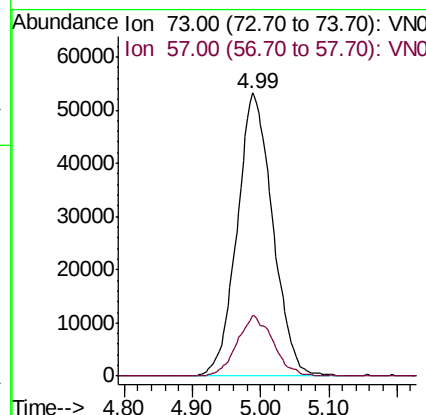
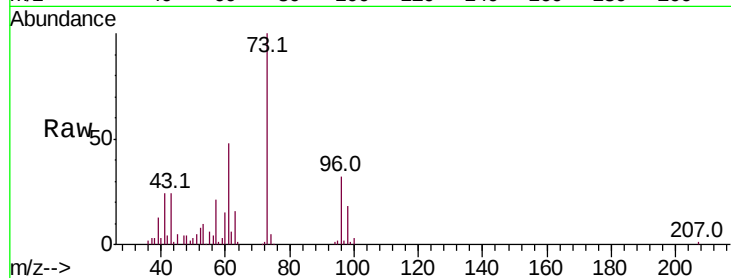




#19
Methvl tert-butvl Ether
Concen: 20.008 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

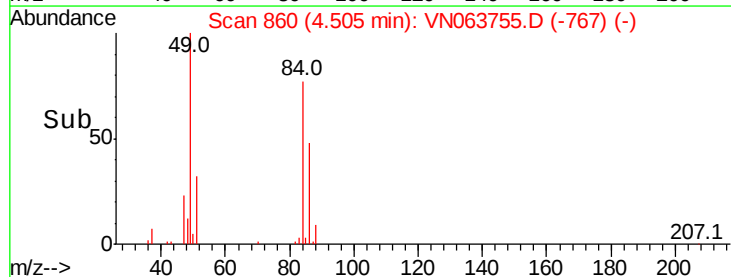
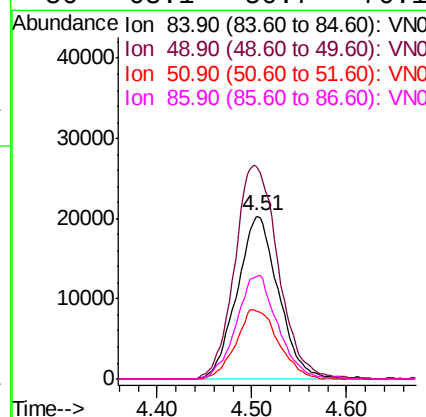
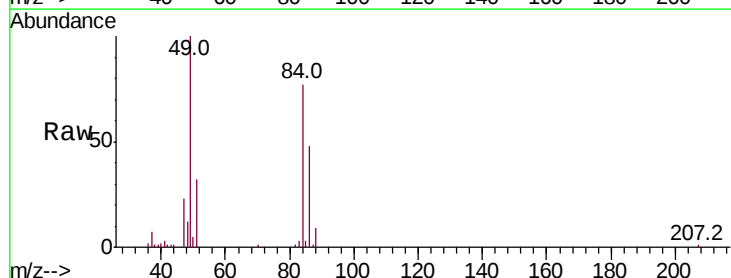
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

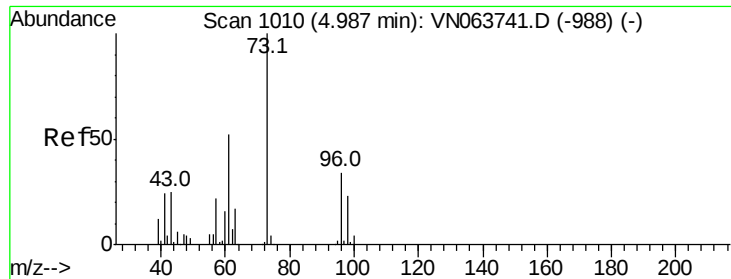
Tot Ion: 73 Resp: 192887
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#20
Methylene Chloride
Concen: 20.124 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 84 Resp: 61591
Ion Ratio Lower Upper
84 100
49 130.4 110.4 165.6
51 41.9 33.3 49.9
86 63.1 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.399 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

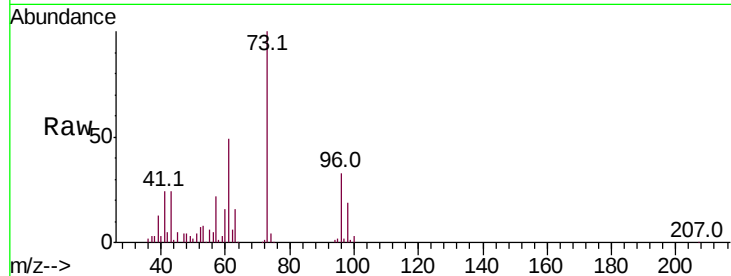
Tot Ion: 96 Resp: 54686

Ion Ratio Lower Upper

96 100

61 146.0 120.2 180.2

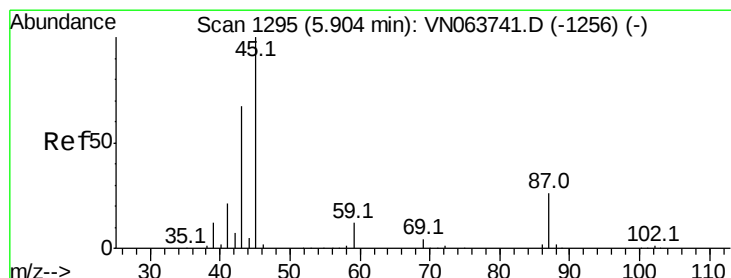
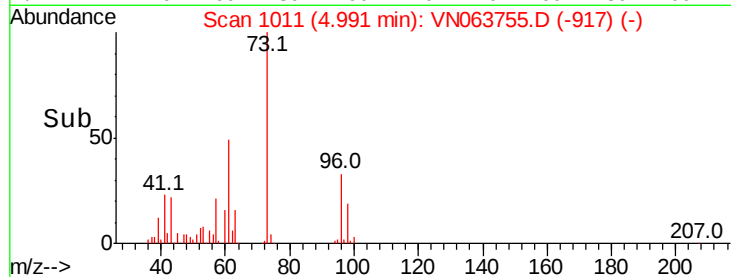
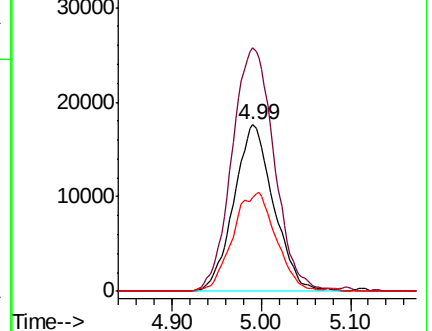
98 56.2 52.6 79.0



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: 20.218 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Tgt Ion: 45 Resp: 205063

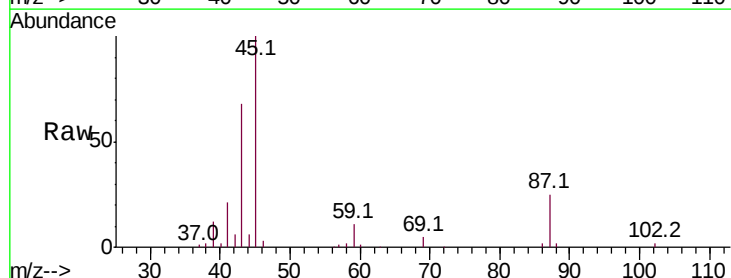
Ion Ratio Lower Upper

45 100

43 66.3 53.7 80.5

87 25.1 21.1 31.7

59 11.0 9.2 13.8

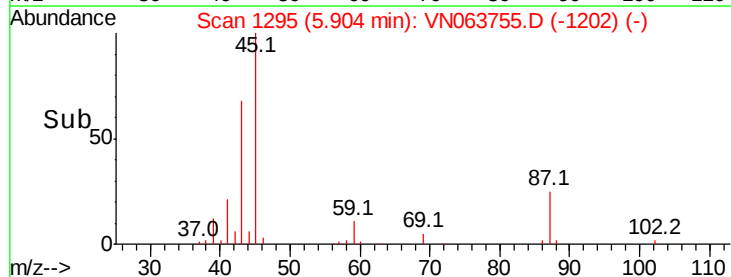
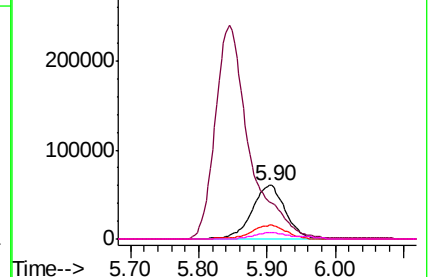


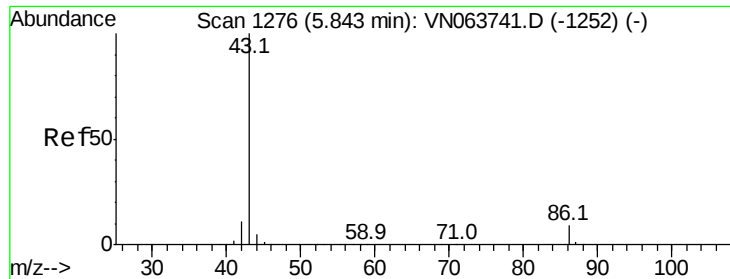
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

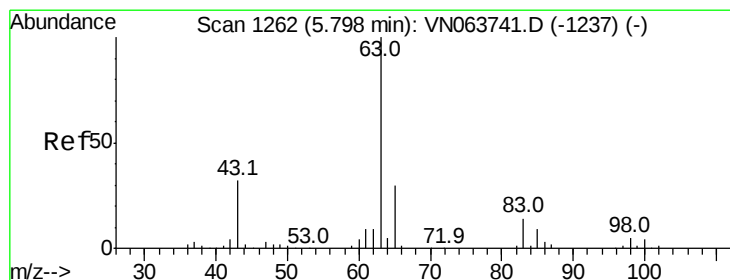
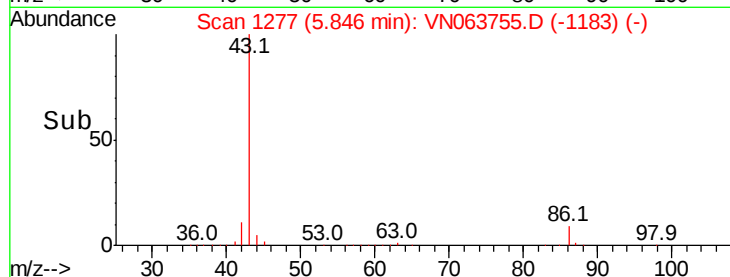
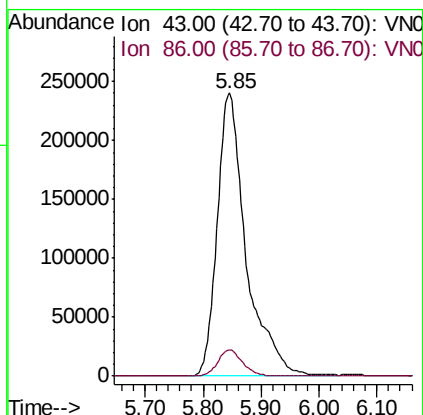
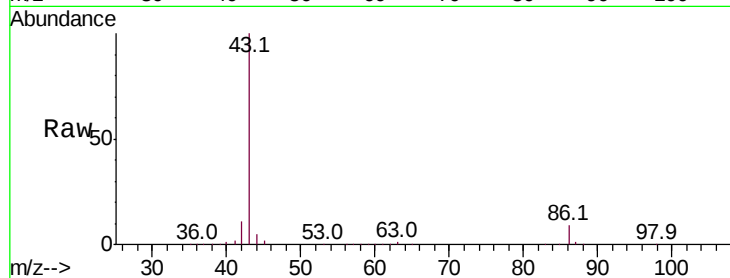




#23
 Vinyl Acetate
 Concen: 99.490 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

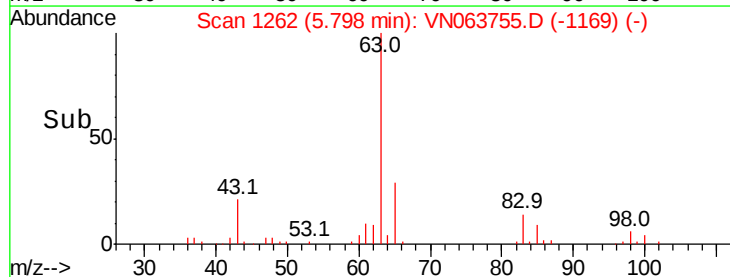
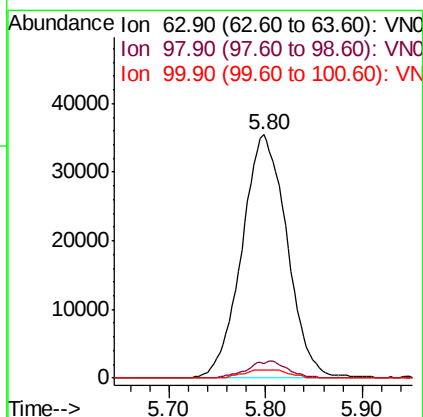
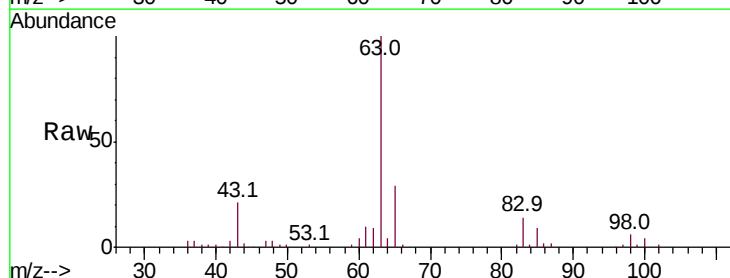
Instrument :
 MSVOA_N
 ClientSampled :
 VN0930WBSD01

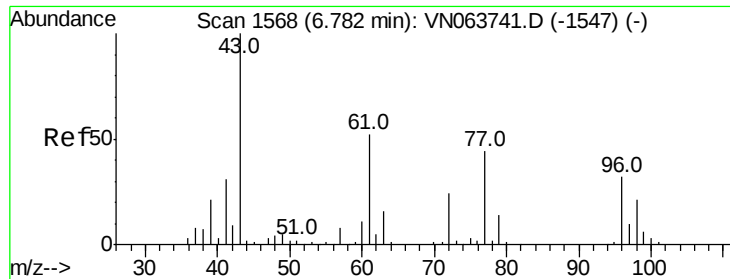
Tot Ion: 43 Resp: 835906
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.779 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Tgt Ion: 63 Resp: 114705
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.7 8.1
 100 3.6 1.9 5.7

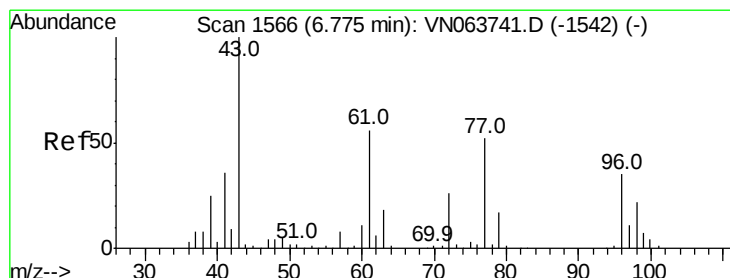
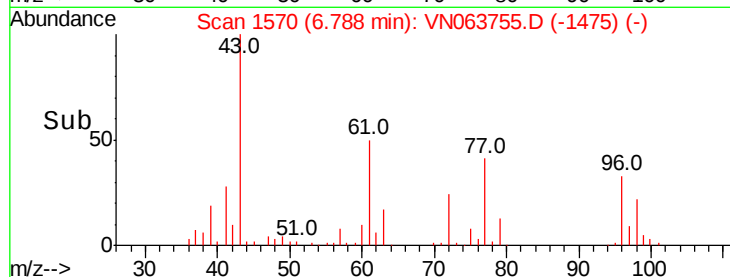
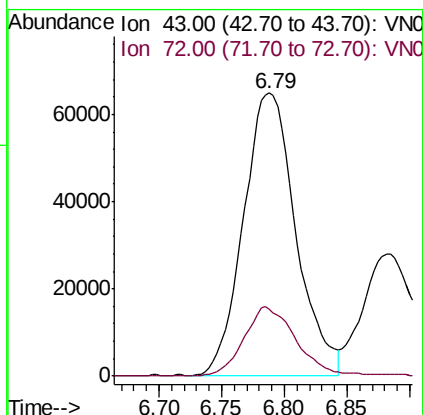
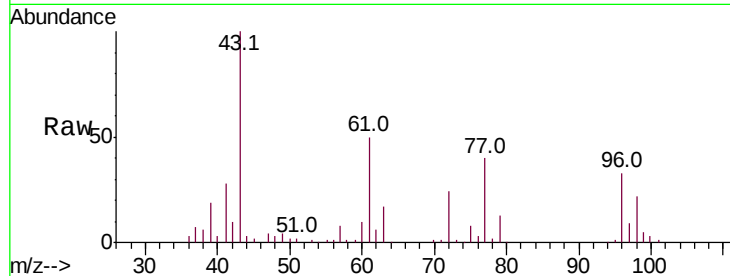




#25
2-Butanone
Concen: 98.936 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

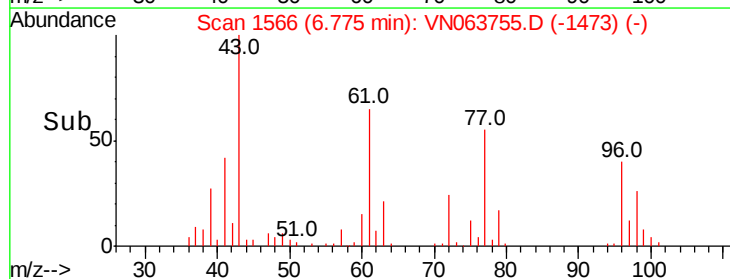
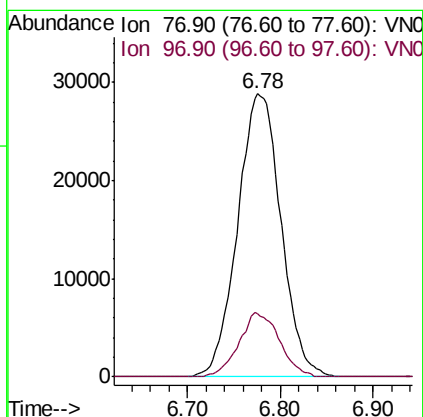
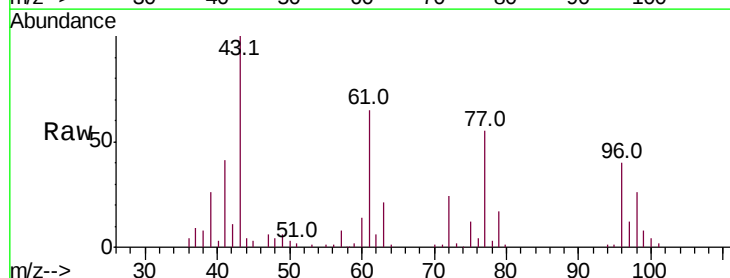
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

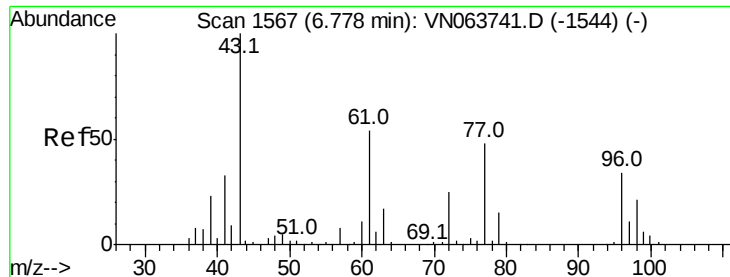
Tot Ion: 43 Resp: 187978
Ion Ratio Lower Upper
43 100
72 23.9 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.579 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 77 Resp: 93361
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.387 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

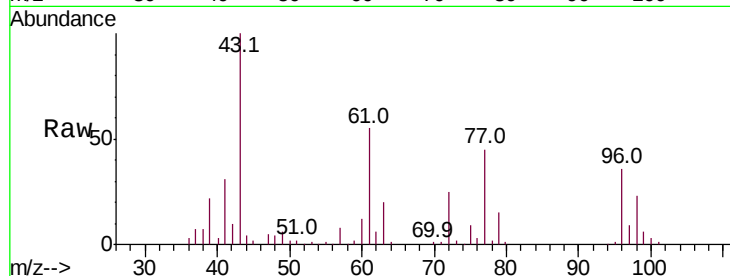
Tot Ion: 96 Resp: 66272

Ion Ratio Lower Upper

96 100

61 159.4 0.0 321.2

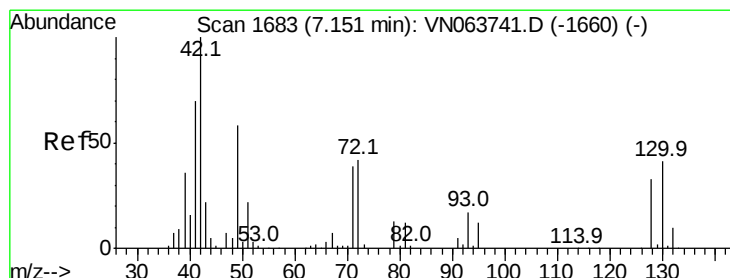
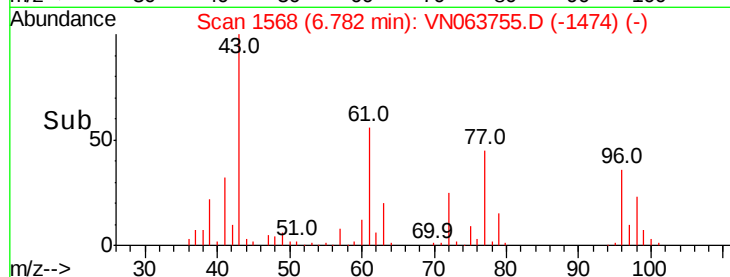
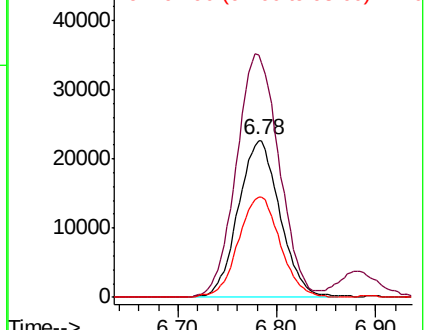
98 64.0 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.015 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

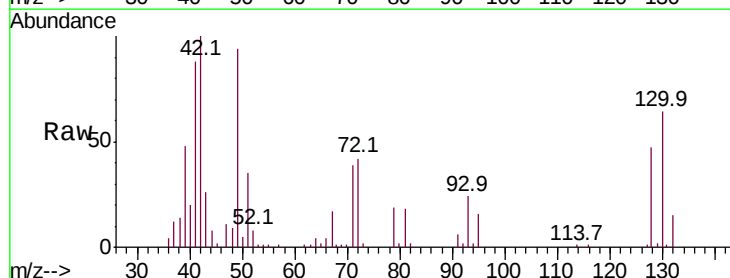
Tgt Ion: 49 Resp: 63102

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.8

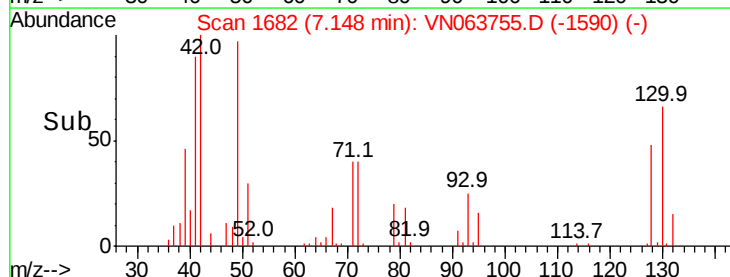
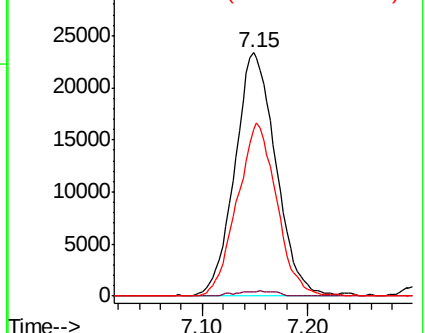
130 68.6 55.6 83.4

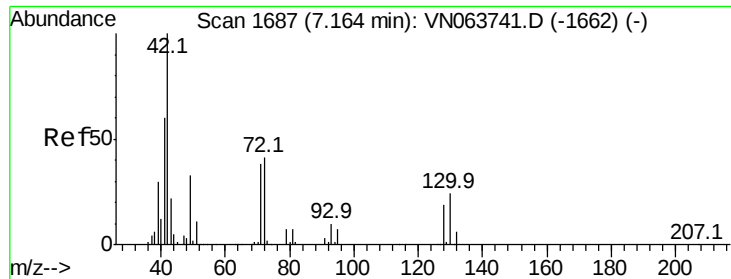


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

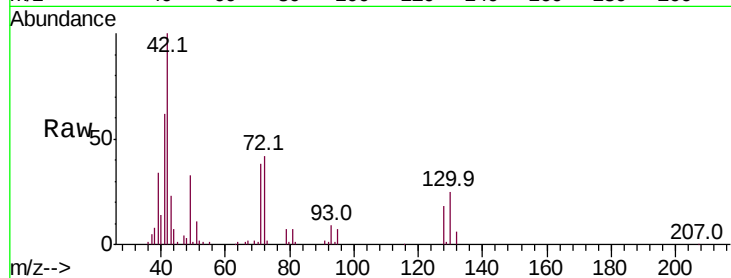




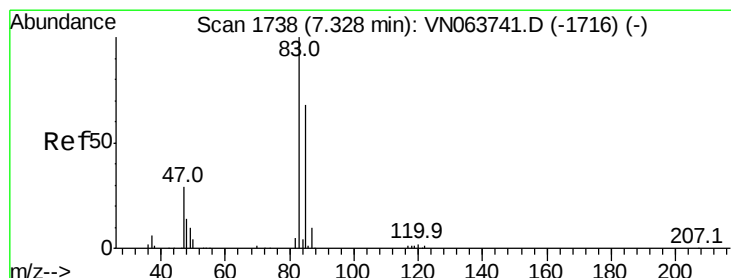
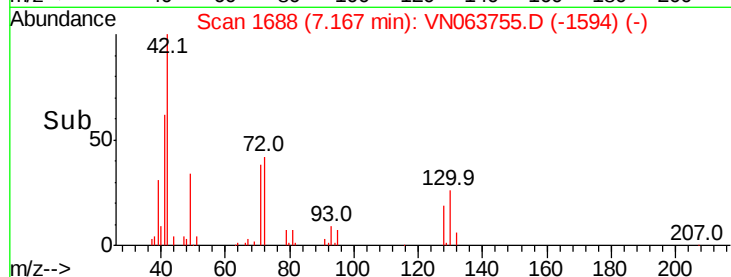
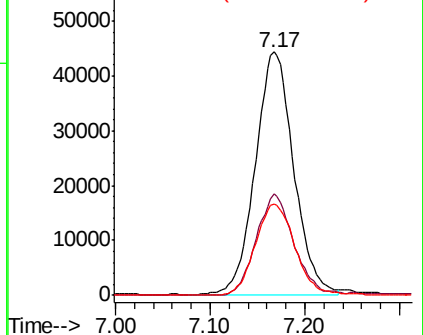
#29
Tetrahydrofuran
Concen: 98.708 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

Tot Ion: 42 Resp: 125785
Ion Ratio Lower Upper
42 100
72 40.5 32.8 49.2
71 38.4 30.6 45.8

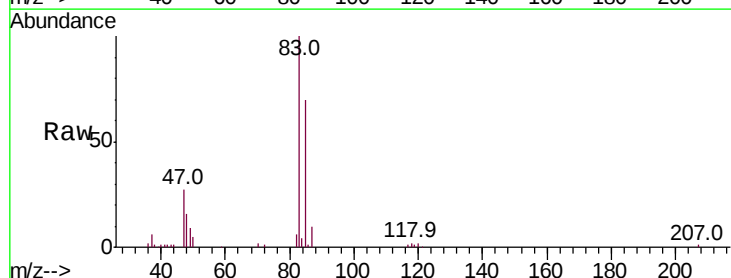


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

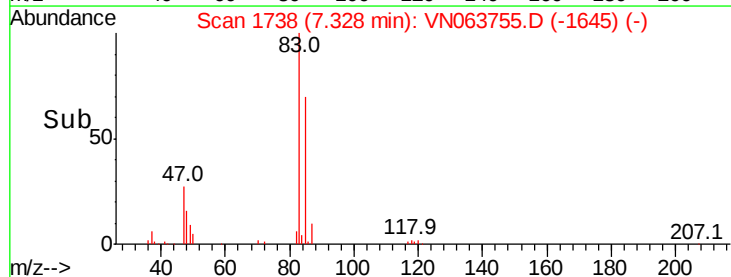
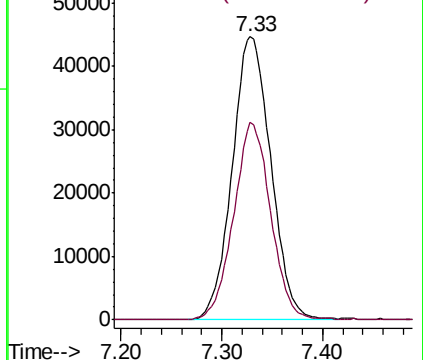


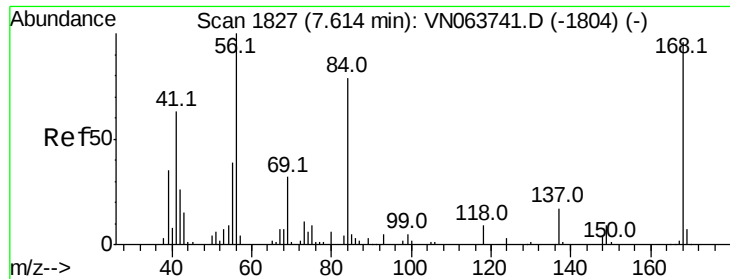
#30
Chloroform
Concen: 19.646 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 83 Resp: 118799
Ion Ratio Lower Upper
83 100
85 69.8 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.661 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampled :

VN0930WBSD01

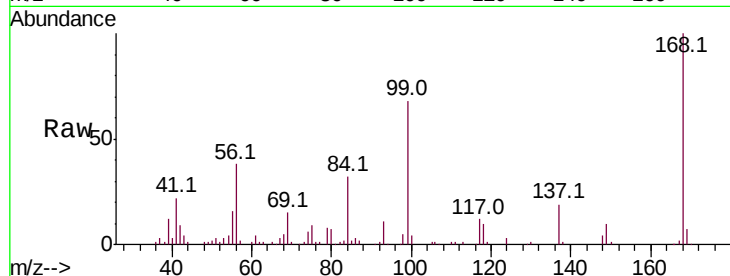
Tot Ion: 56 Resp: 94318

Ion Ratio Lower Upper

56 100

69 40.5 25.4 38.2#

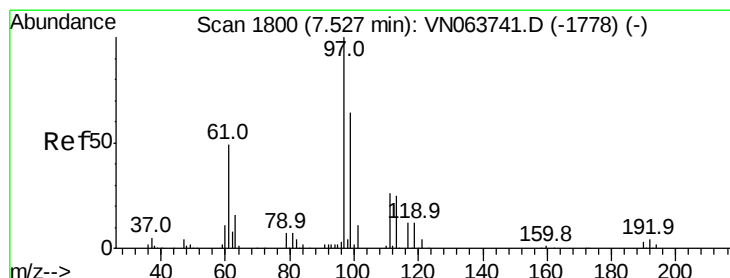
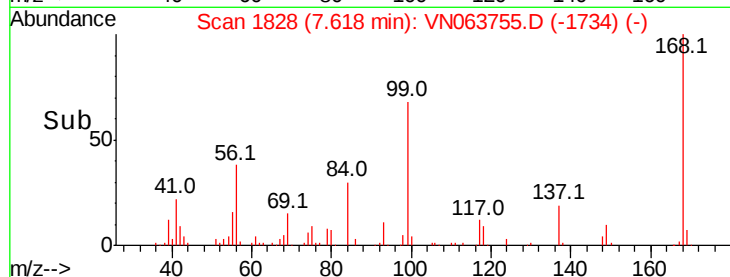
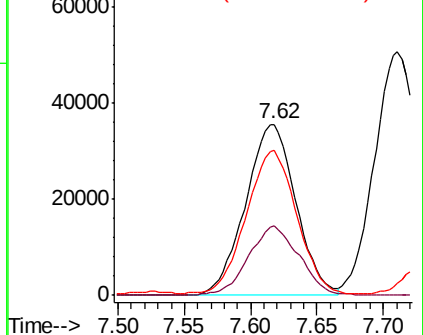
84 82.9 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.100 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

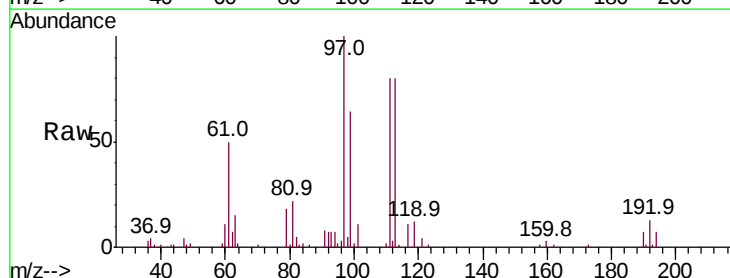
Tgt Ion: 97 Resp: 104174

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

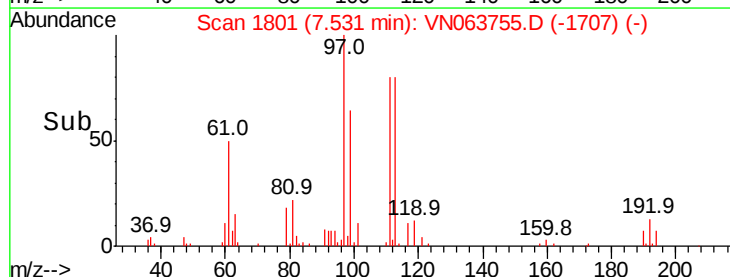
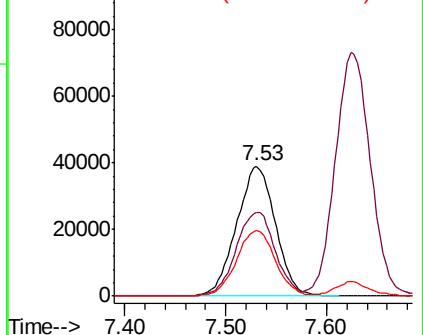
61 50.5 38.7 58.1

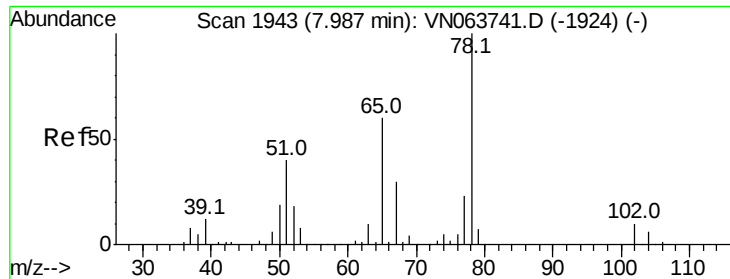


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

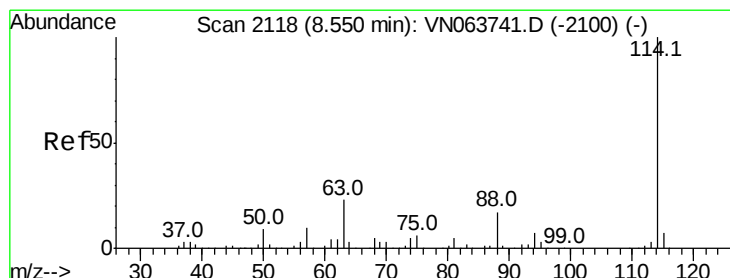
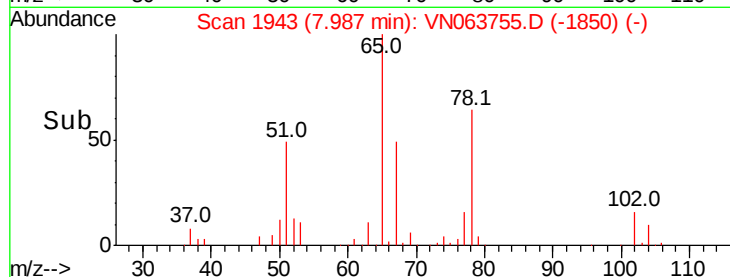
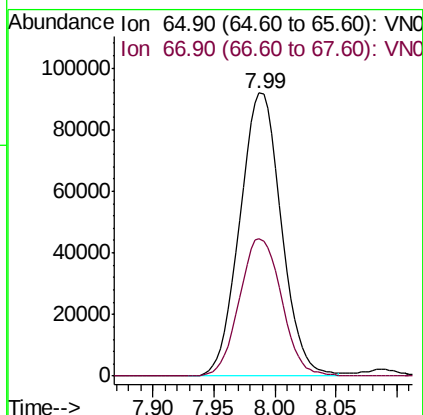
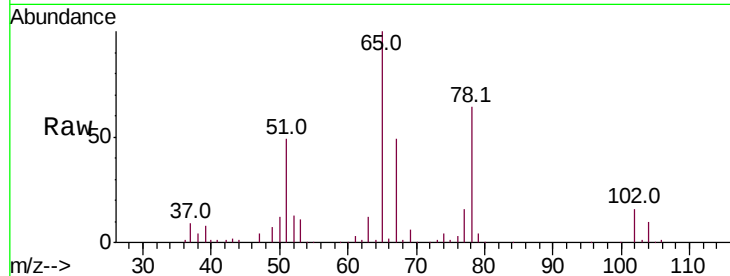




#33
 1,2-Dichloroethane-d4
 Concen: 49.678 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

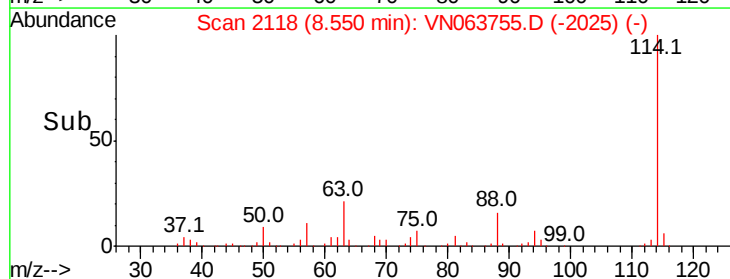
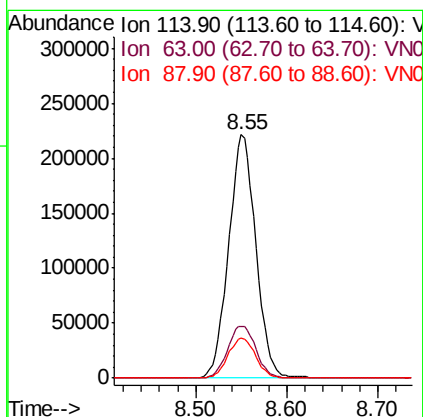
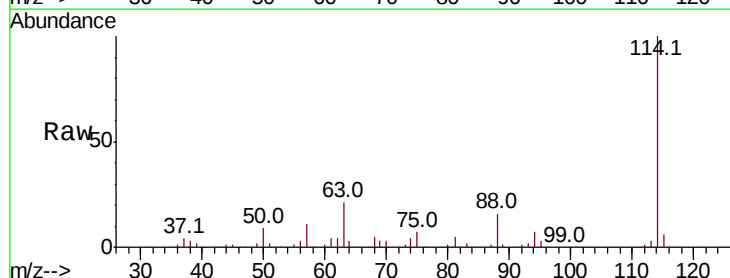
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

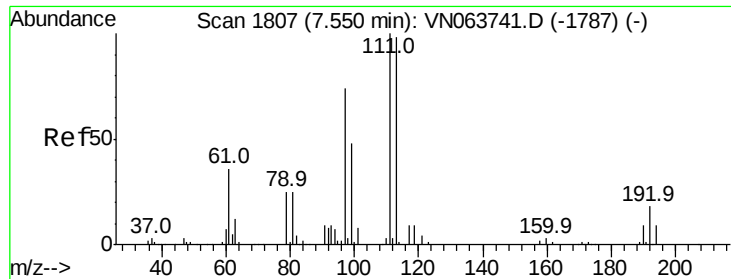
Tot Ion: 65 Resp: 216273
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Tgt Ion: 114 Resp: 458718
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.3 0.0 34.0

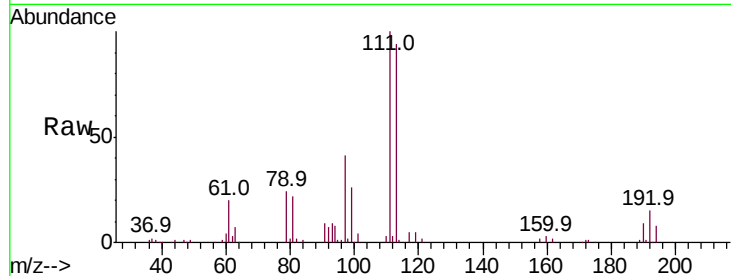




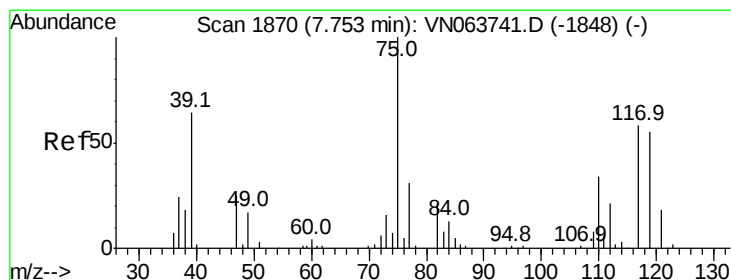
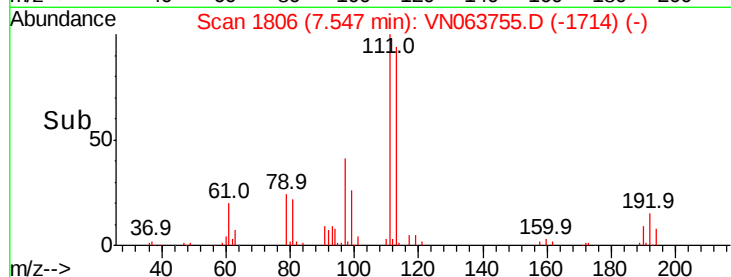
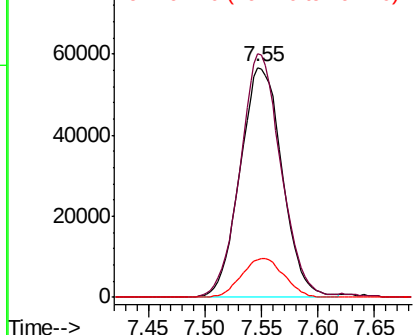
#35
 Dibromofluoromethane
 Concen: 46.234 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

Tot Ion:113 Resp: 147161
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 17.0 14.2 21.2

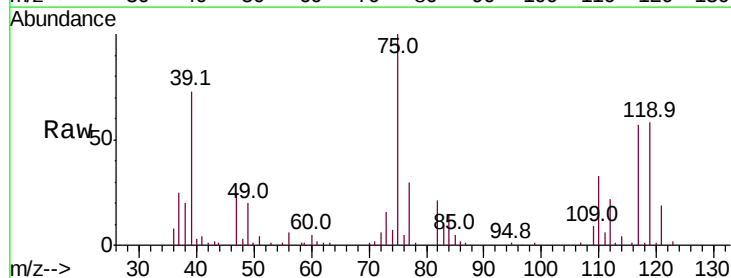


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

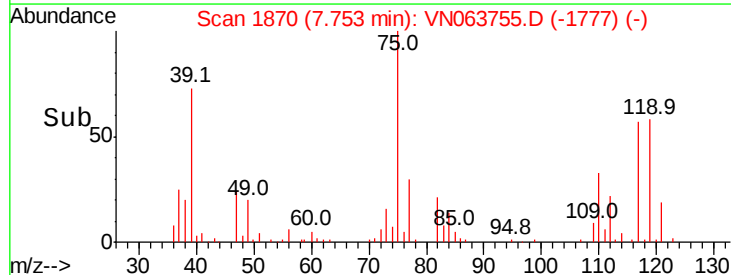
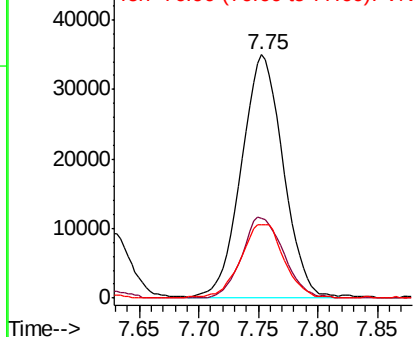


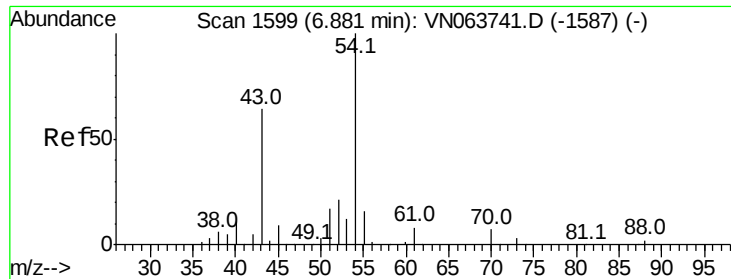
#36
 1,1-Dichloropropene
 Concen: 18.364 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Tgt Ion: 75 Resp: 85341
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.9 50.6
 77 31.3 24.5 36.7



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

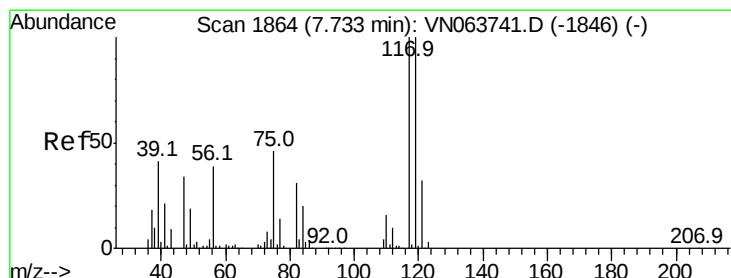
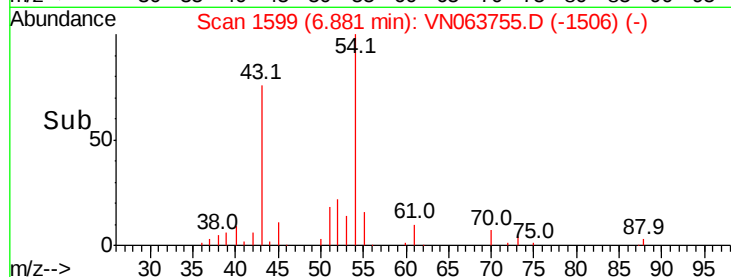
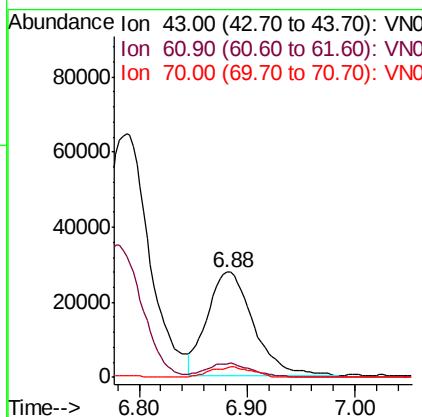
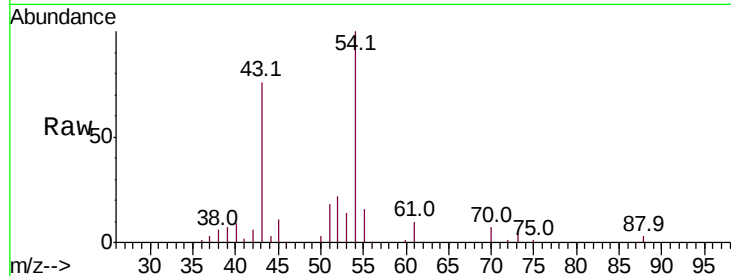




#37
Ethyl Acetate
Concen: 17.820 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

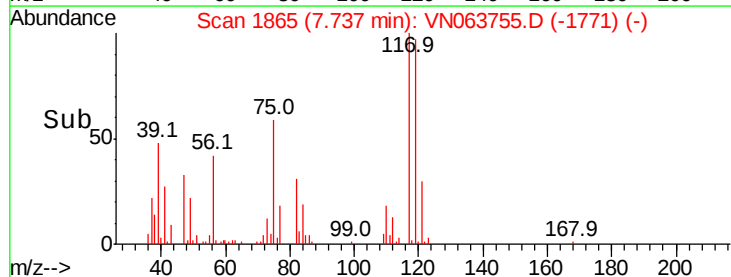
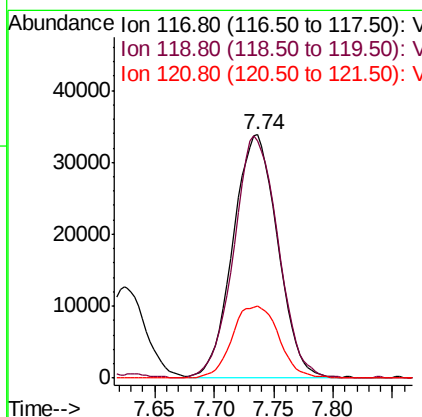
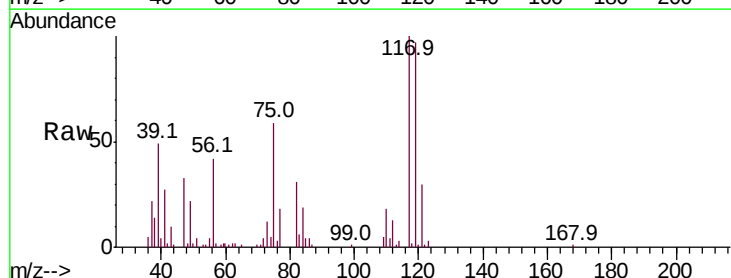
Instrument :
MSVOA_N
ClientSampled :
VN0930WBSD01

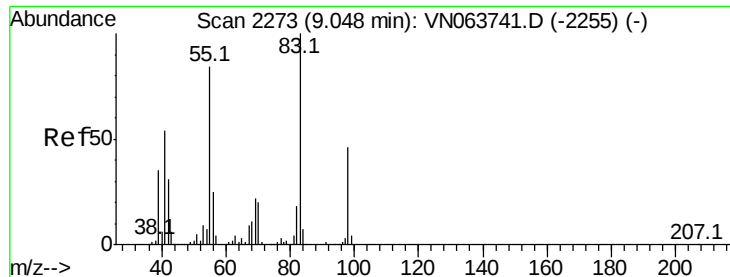
Tot Ion: 43 Resp: 82279
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.5 7.3 10.9



#38
Carbon Tetrachloride
Concen: 16.910 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 117 Resp: 88119
Ion Ratio Lower Upper
117 100
119 96.8 80.1 120.1
121 29.5 25.7 38.5

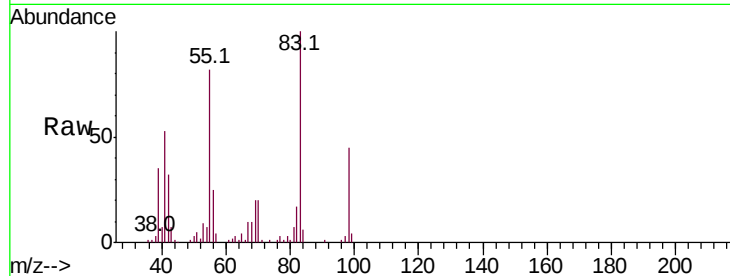




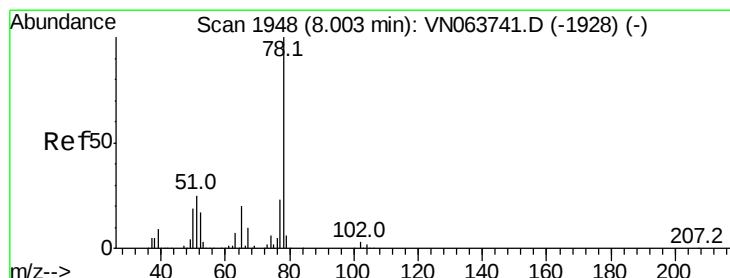
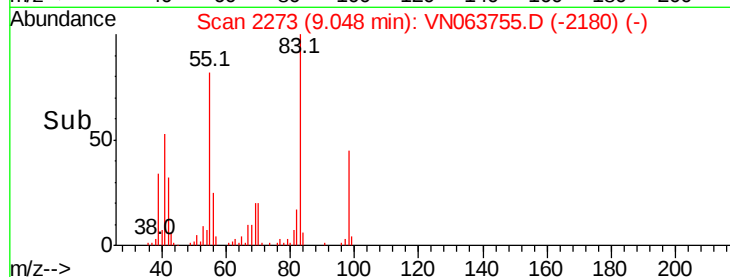
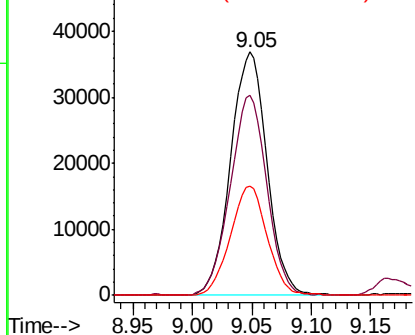
#39
Methvlcvclohexane
Concen: 16.876 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

Tot Ion: 83 Resp: 78210
Ion Ratio Lower Upper
83 100
55 82.3 67.1 100.7
98 44.7 36.6 54.8

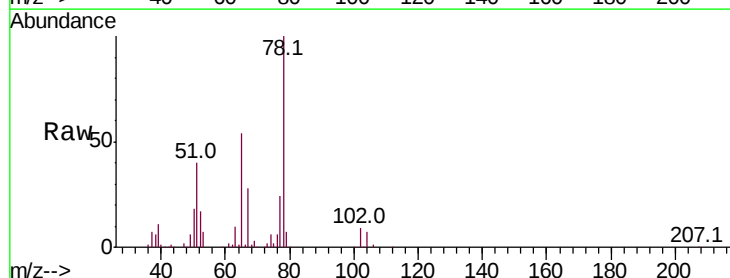


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

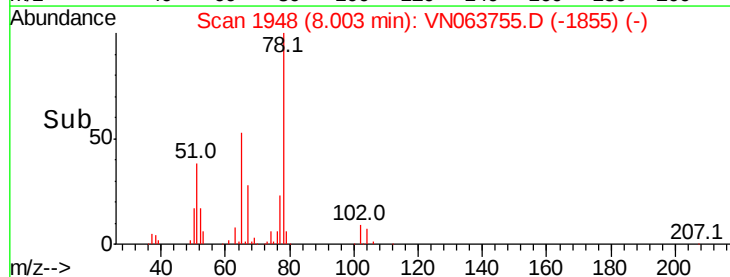
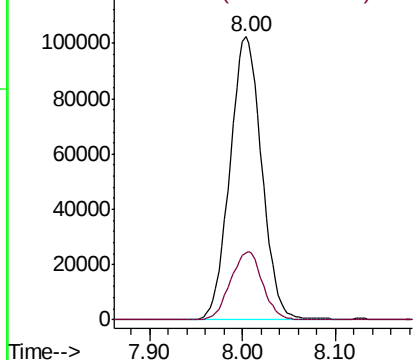


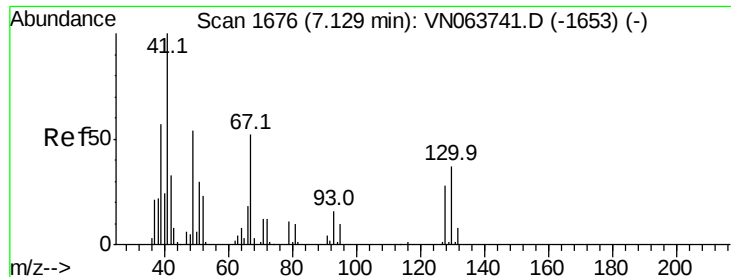
#40
Benzene
Concen: 18.342 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 78 Resp: 243468
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



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

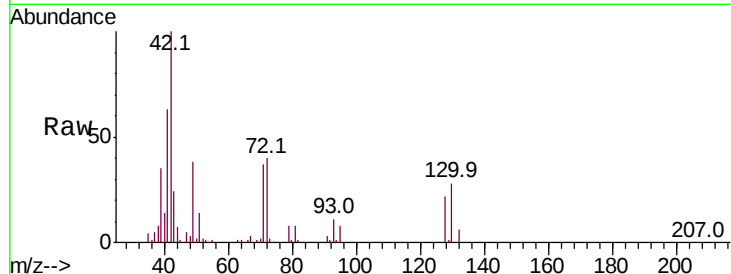




#41
Methacrylonitrile
Concen: 59.698 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



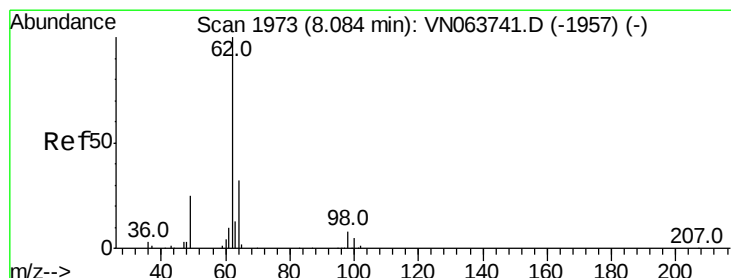
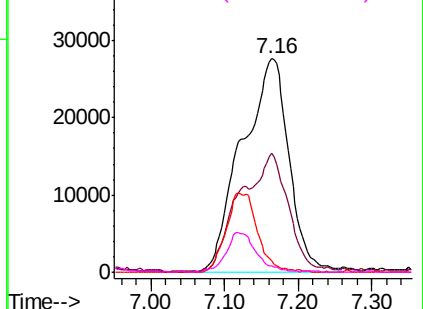
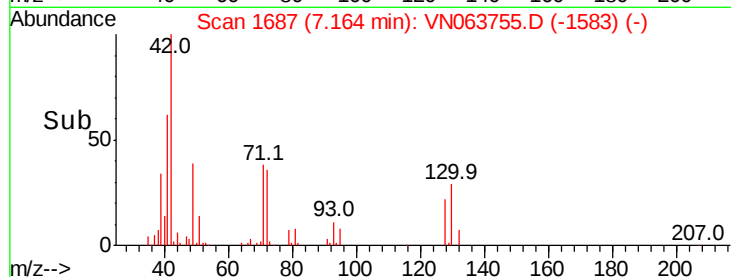
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

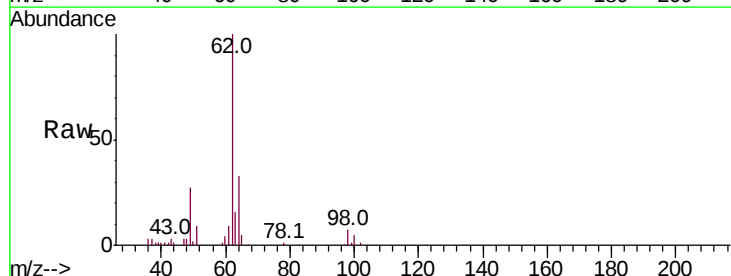
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 18.637 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

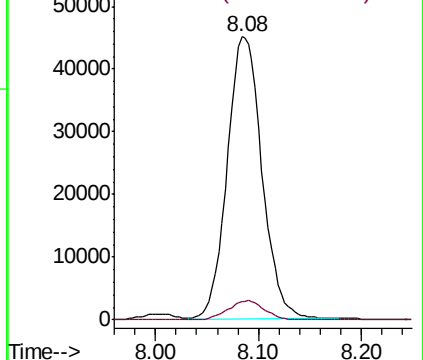
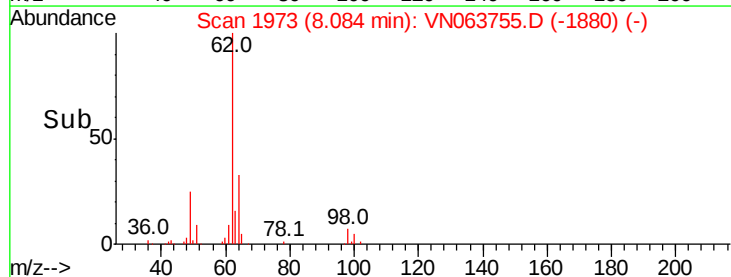
Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.0

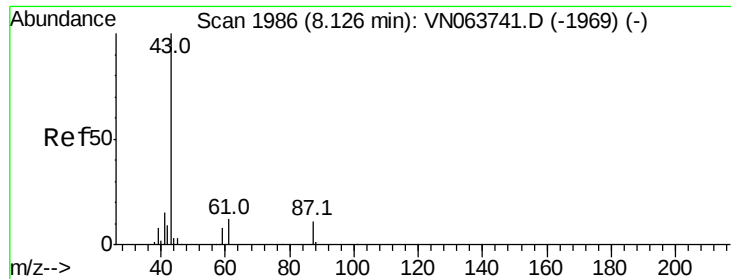


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 18.594 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

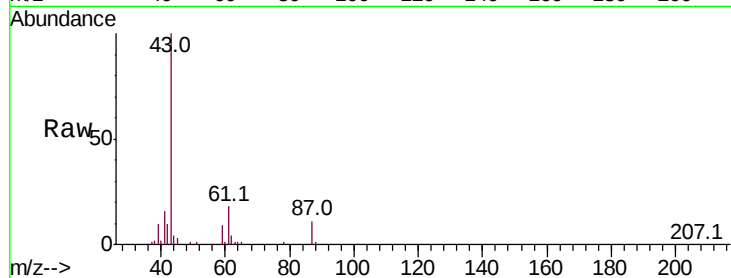
Tot Ion: 43 Resp: 141608

Ion Ratio Lower Upper

43 100

61 25.4 14.2 21.4#

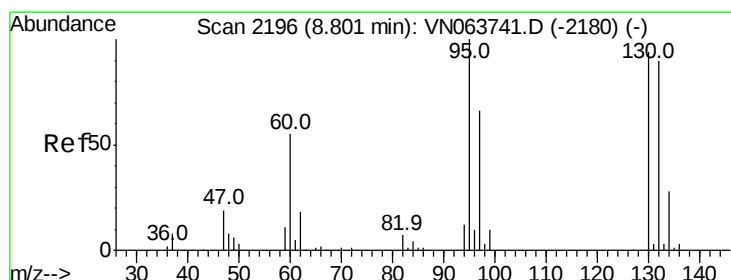
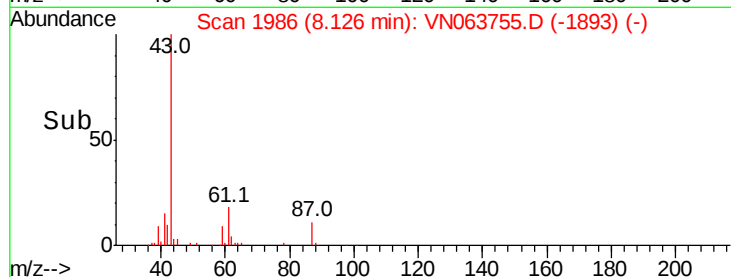
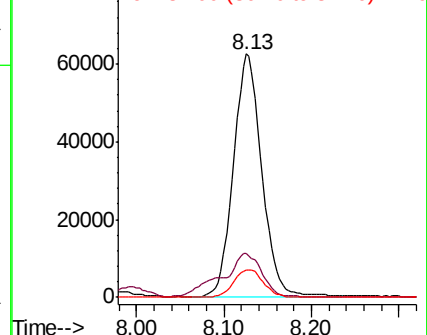
87 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 17.740 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063755.D

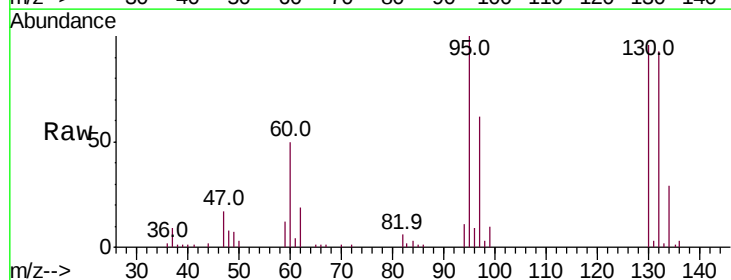
Acq: 30 Sep 2020 17:31

Tgt Ion:130 Resp: 61699

Ion Ratio Lower Upper

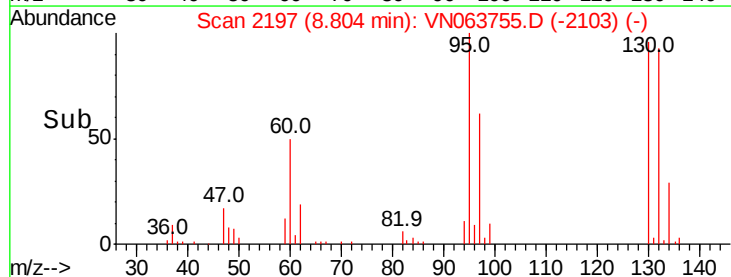
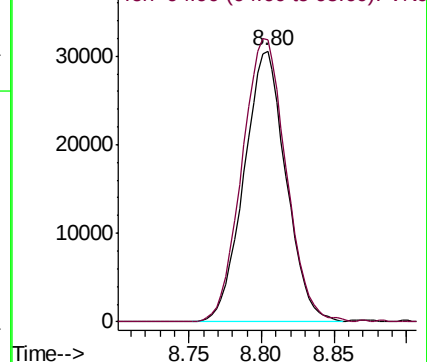
130 100

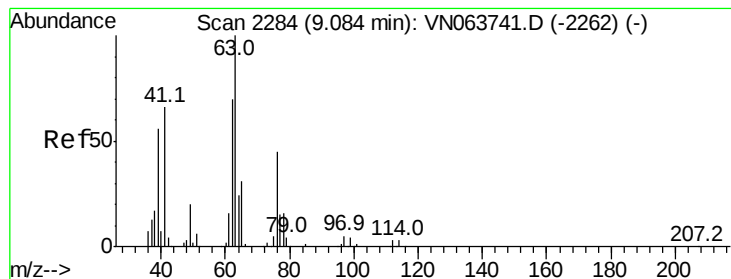
95 104.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.326 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

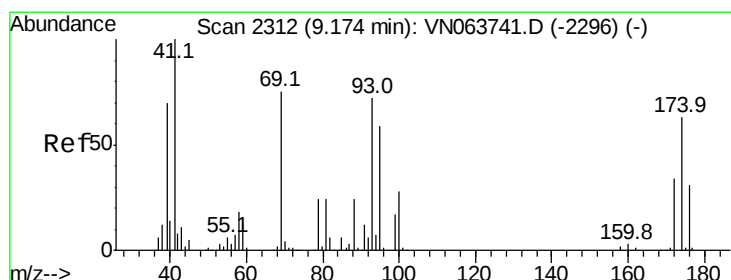
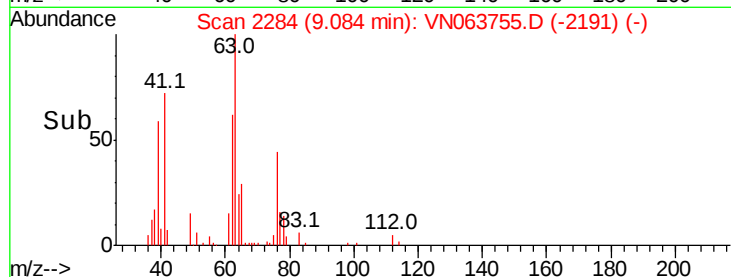
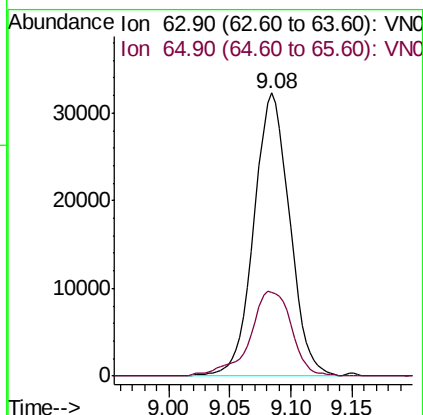
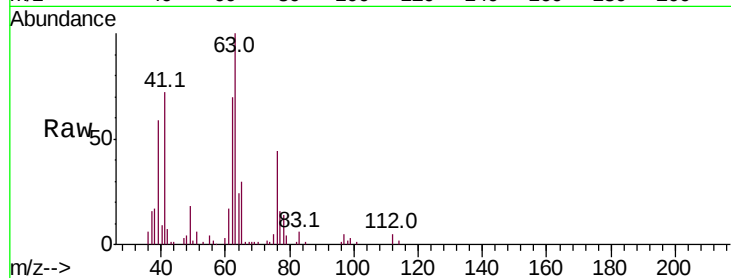
VN0930WBSD01

Tot Ion: 63 Resp: 65697

Ion Ratio Lower Upper

63 100

65 29.7 24.7 37.1



#46

Dibromomethane

Concen: 18.119 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

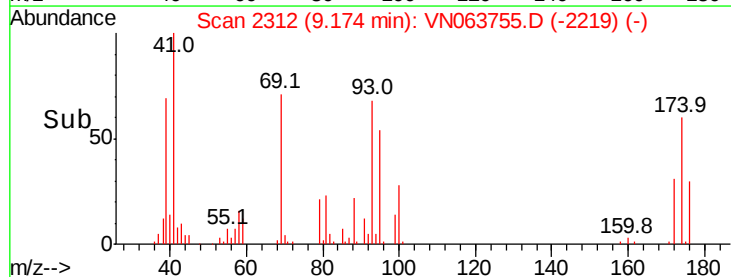
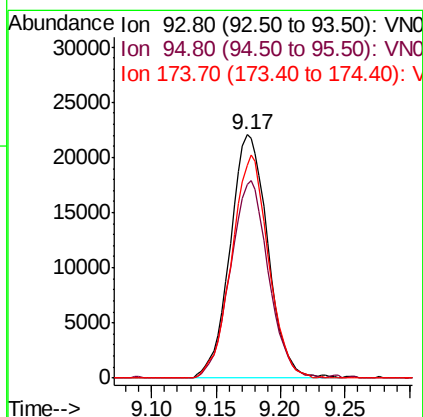
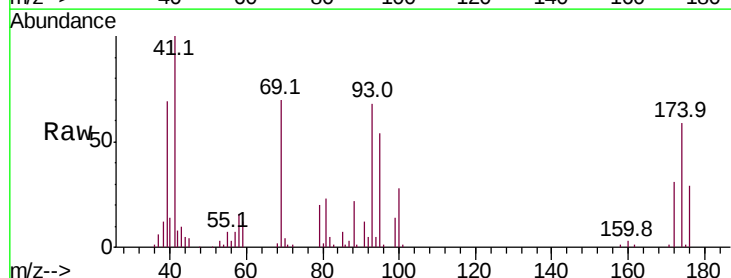
Tgt Ion: 93 Resp: 44808

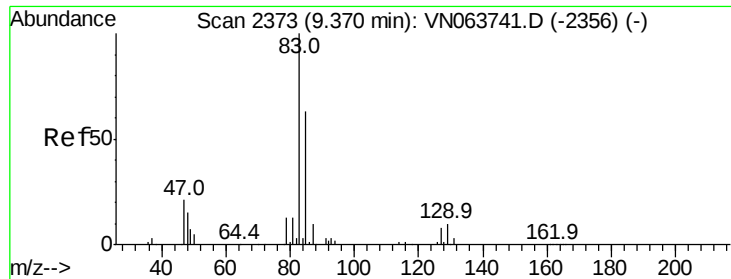
Ion Ratio Lower Upper

93 100

95 81.6 66.3 99.5

174 89.5 72.7 109.1





#47

Bromodichloromethane

Concen: 18.165 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

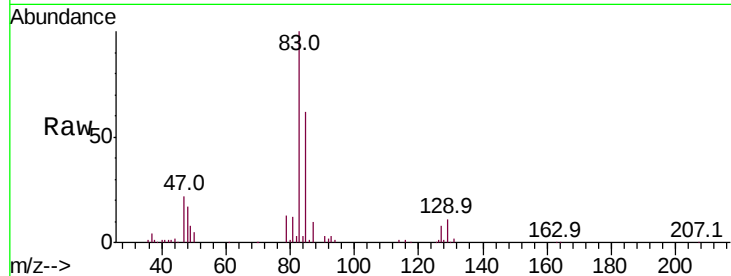
Tot Ion: 83 Resp: 92580

Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

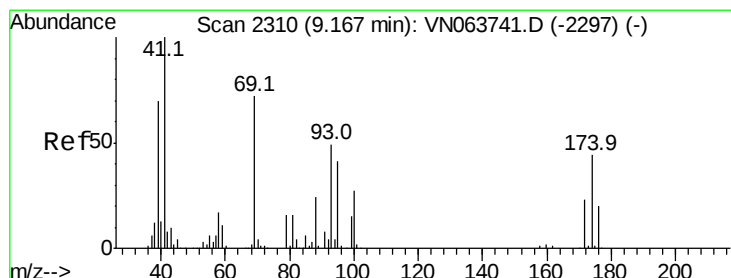
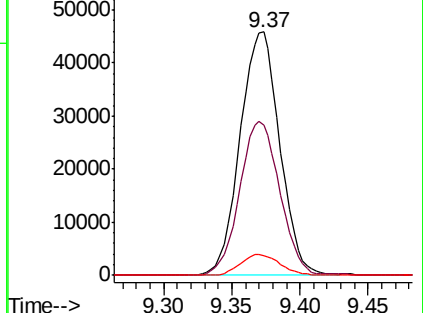
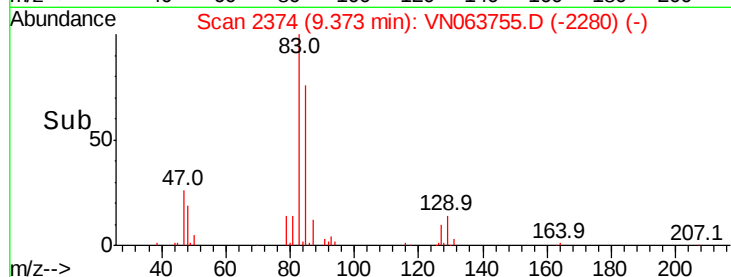
127 7.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.043 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

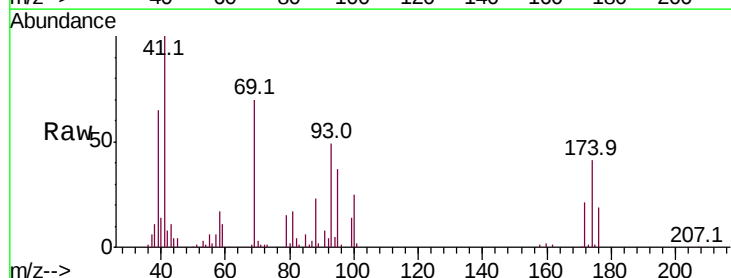
Tgt Ion: 41 Resp: 71652

Ion Ratio Lower Upper

41 100

69 72.5 60.9 91.3

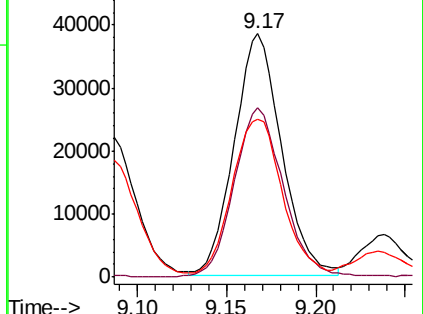
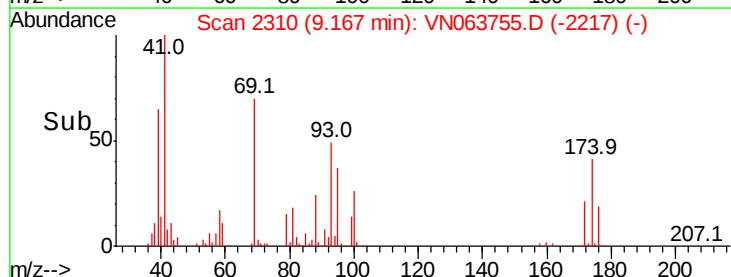
39 68.5 57.5 86.3

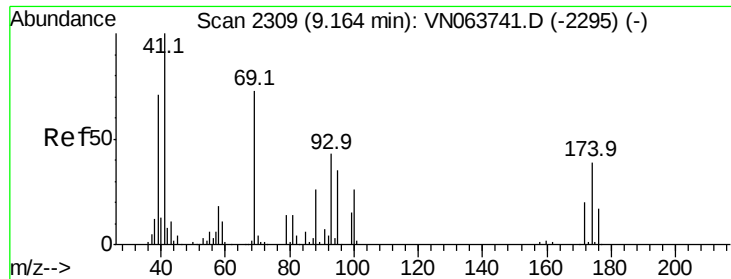


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 335.349 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

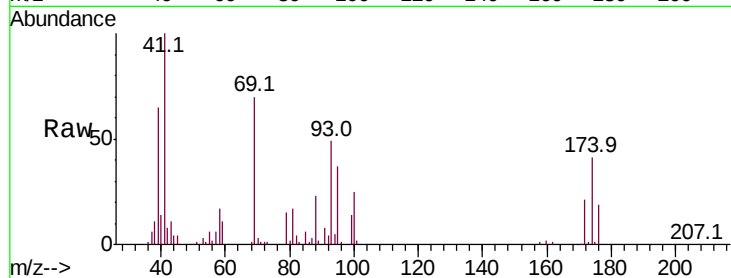
Tot Ion: 88 Resp: 17933

Ion Ratio Lower Upper

88 100

43 46.6 33.1 49.7

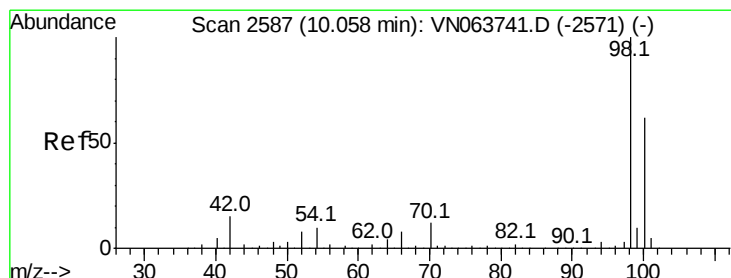
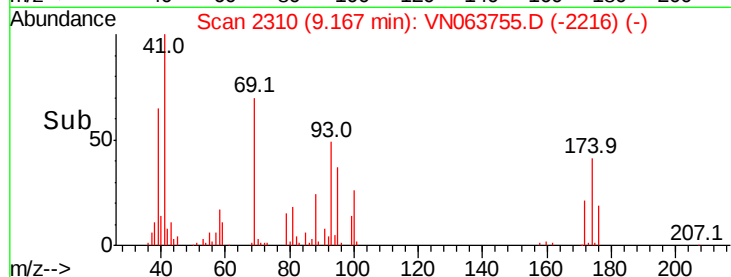
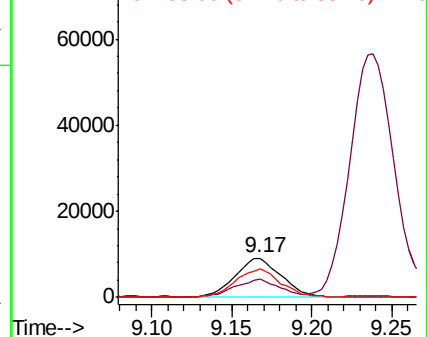
58 71.2 58.9 88.3



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: 46.242 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063755.D

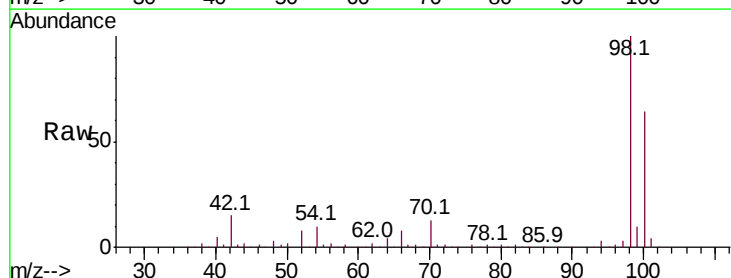
Acq: 30 Sep 2020 17:31

Tgt Ion: 98 Resp: 557964

Ion Ratio Lower Upper

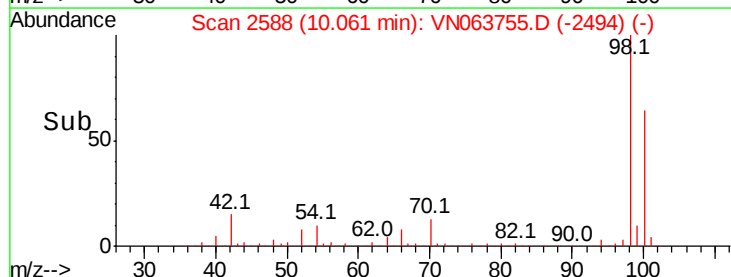
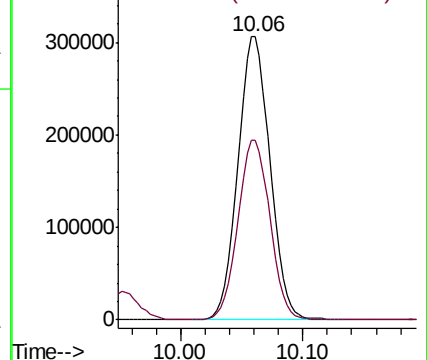
98 100

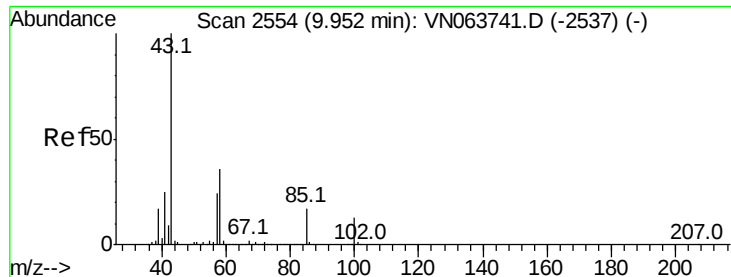
100 63.2 49.8 74.6



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: 94.730 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampled :

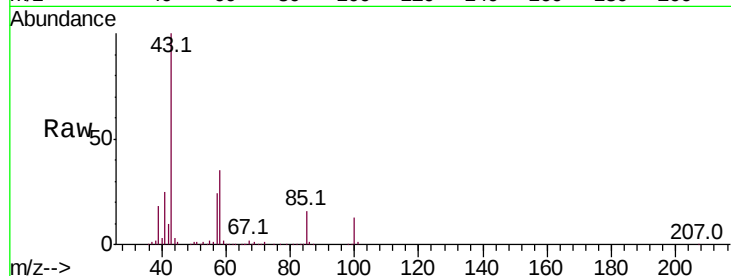
VN0930WBSD01

Tot Ion: 43 Resp: 423373

Ion Ratio Lower Upper

43 100

58 35.4 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

50000

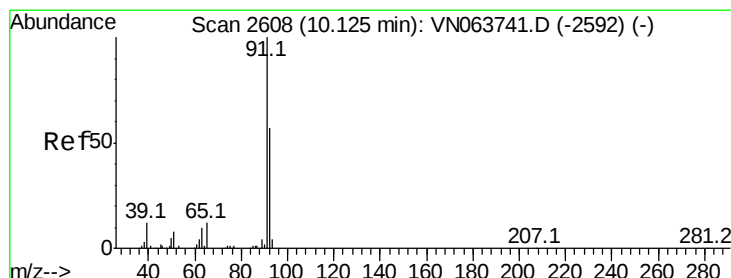
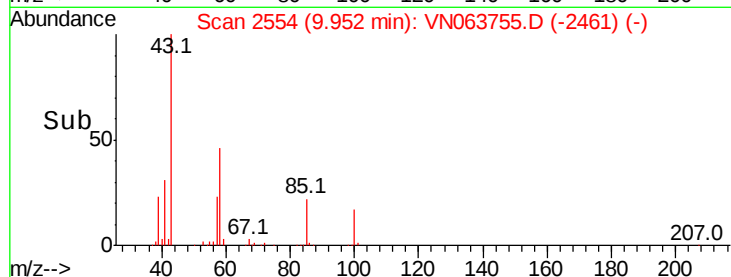
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 18.592 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063755.D

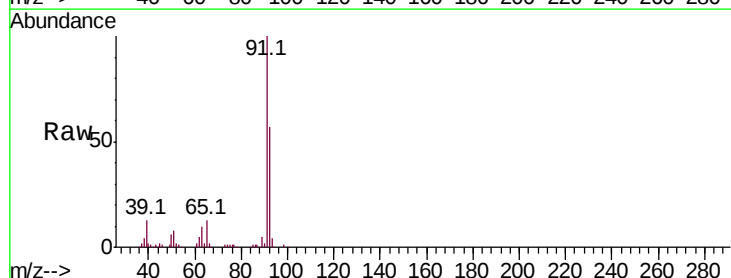
Acq: 30 Sep 2020 17:31

Tgt Ion: 92 Resp: 152649

Ion Ratio Lower Upper

92 100

91 175.5 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

0

10.05

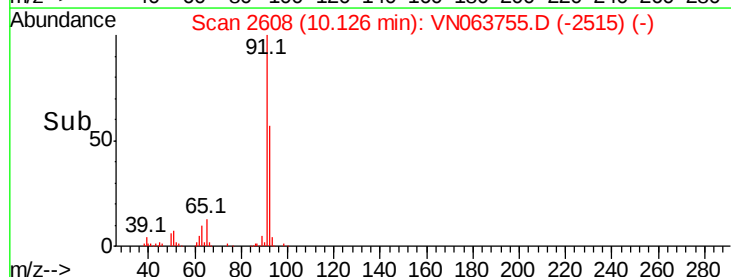
10.10

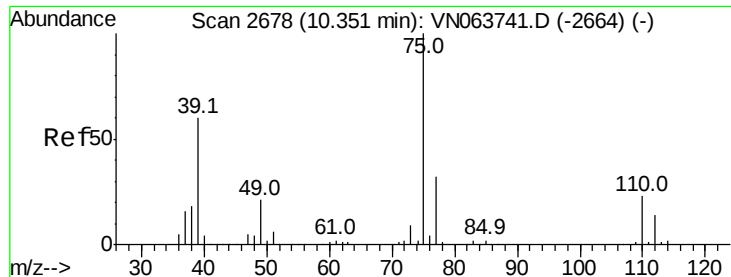
10.13

10.15

10.20

Time-->

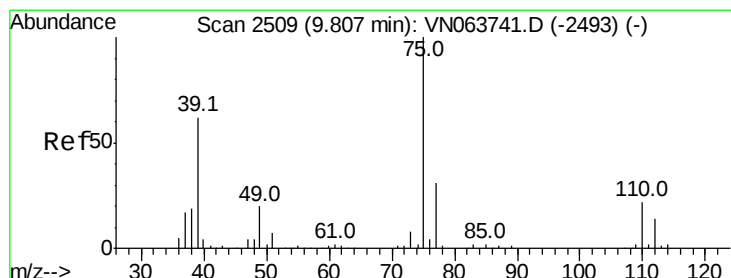
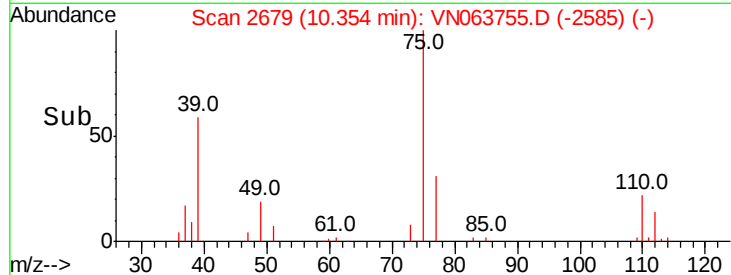
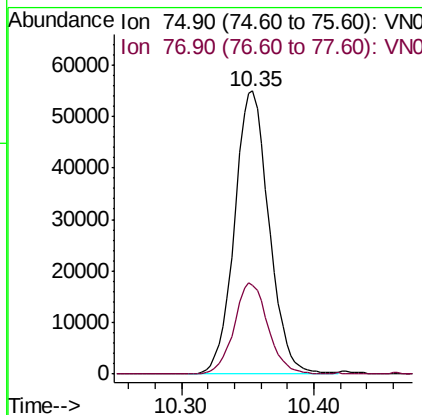
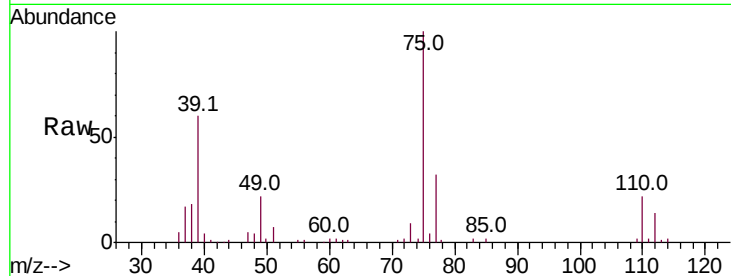




#53
t-1,3-Dichloropropene
Concen: 18.171 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

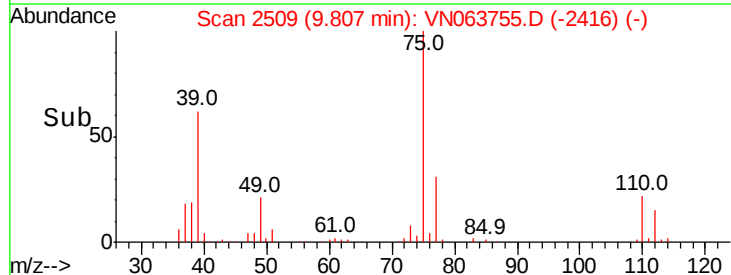
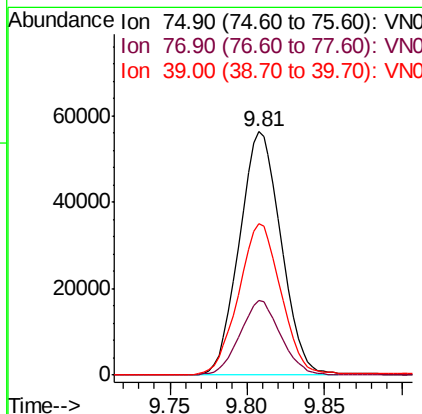
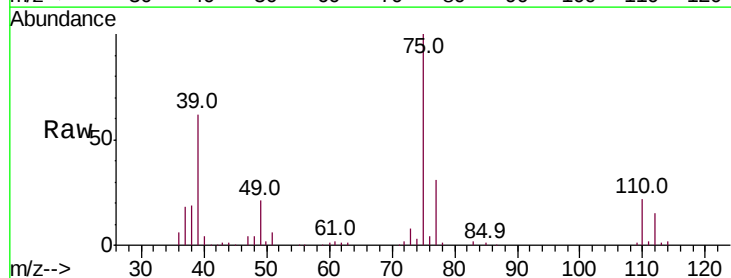
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

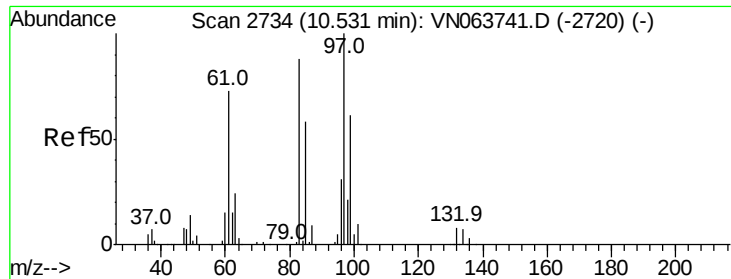
Tot Ion: 75 Resp: 99276
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.507 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 75 Resp: 105746
Ion Ratio Lower Upper
75 100
77 30.8 24.6 36.8
39 62.2 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 18.487 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

Tot Ion: 97 Resp: 60869

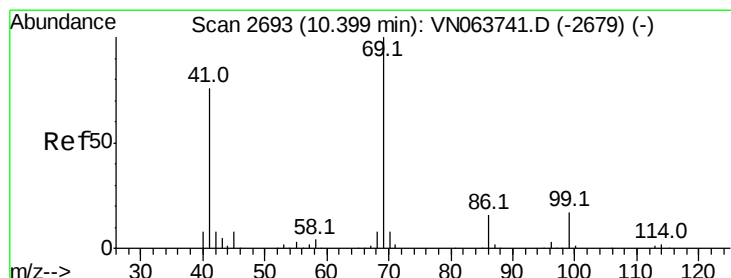
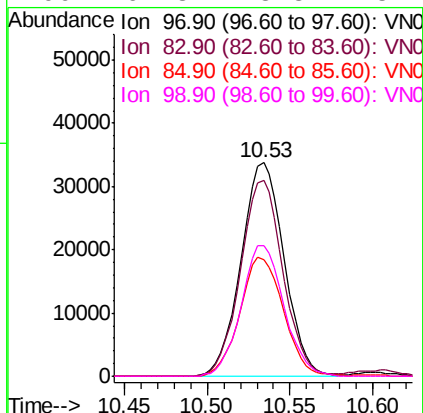
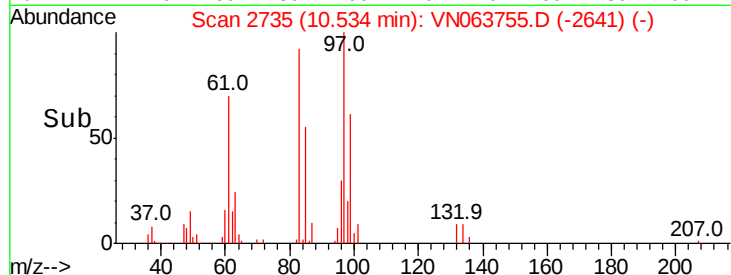
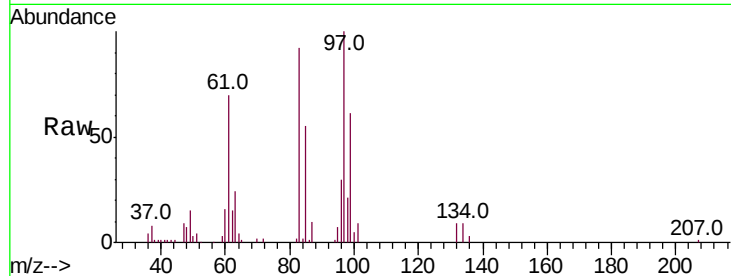
Ion	Ratio	Lower	Upper
97	100		
83	91.9	70.7	106.1
85	54.7	46.1	69.1
99	61.3	48.8	73.2

97 100

83 91.9 70.7 106.1

85 54.7 46.1 69.1

99 61.3 48.8 73.2



#56

Ethyl methacrylate

Concen: 18.830 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

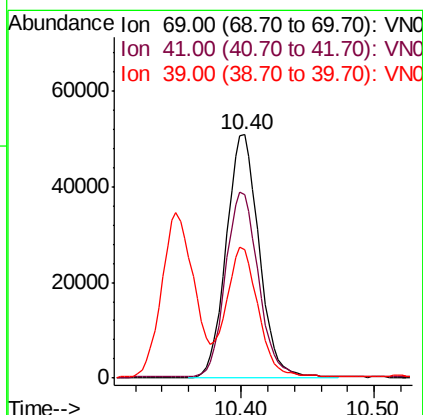
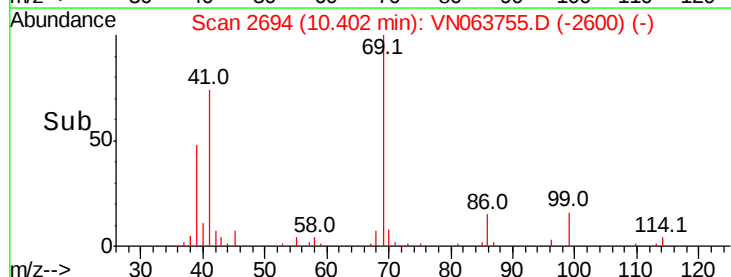
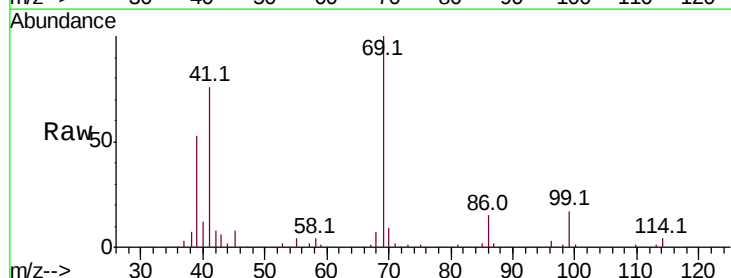
Tgt Ion: 69 Resp: 87880

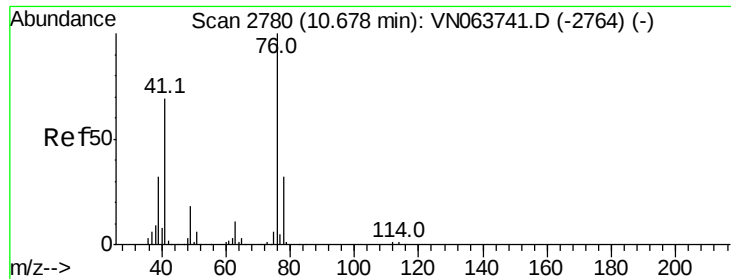
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.1	91.7
39	51.9	42.2	63.4

69 100

41 75.4 61.1 91.7

39 51.9 42.2 63.4





#57

1,3-Dichloropropane

Concen: 18.683 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

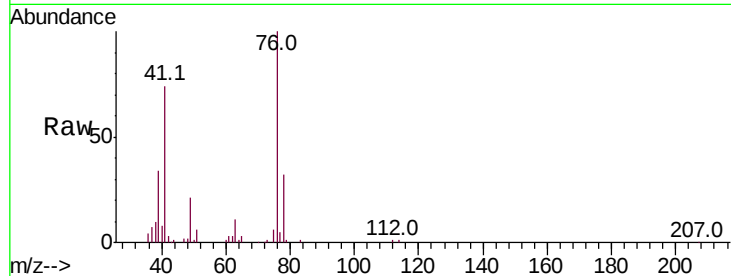
VN0930WBSD01

Tot Ion: 76 Resp: 104072

Ion Ratio Lower Upper

76 100

78 33.2 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

60000

40000

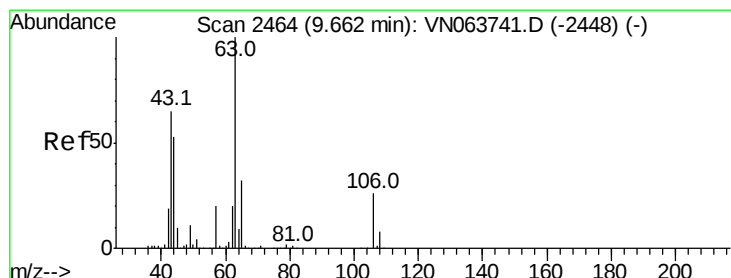
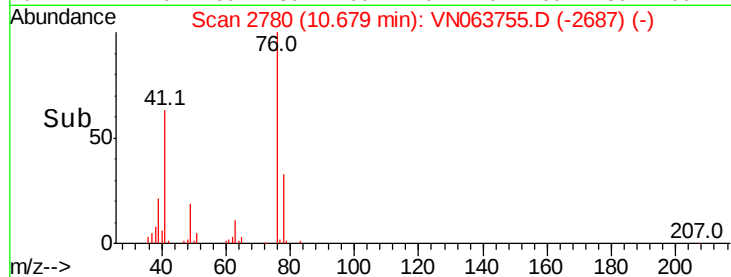
20000

0

Time-->

10.60

10.70



#58

2-Chloroethyl Vinyl ether

Concen: 91.148 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063755.D

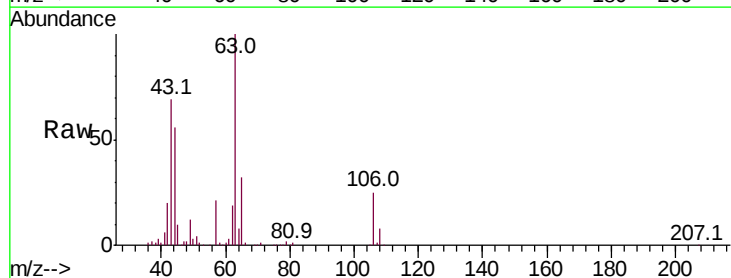
Acq: 30 Sep 2020 17:31

Tgt Ion: 63 Resp: 227552

Ion Ratio Lower Upper

63 100

106 25.5 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

150000

100000

50000

0

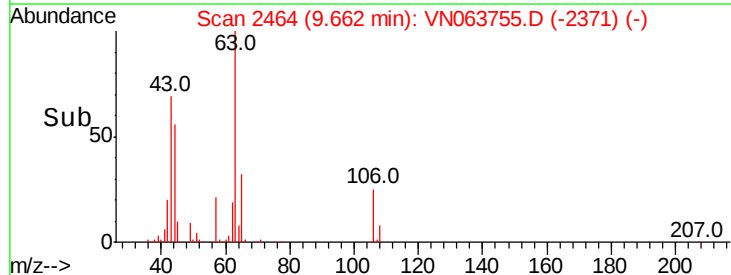
Time-->

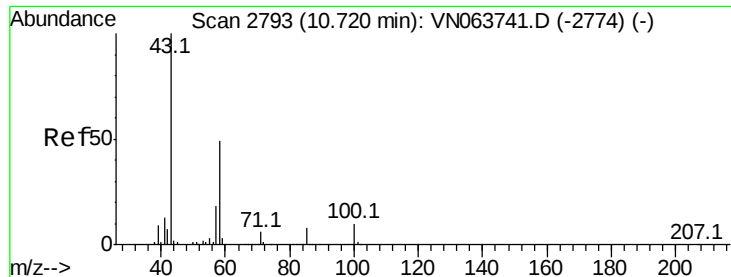
9.60

9.65

9.70

9.75

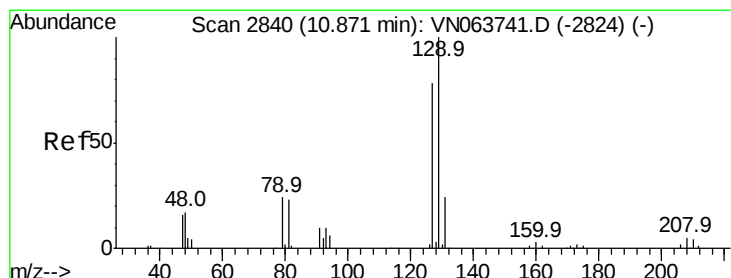
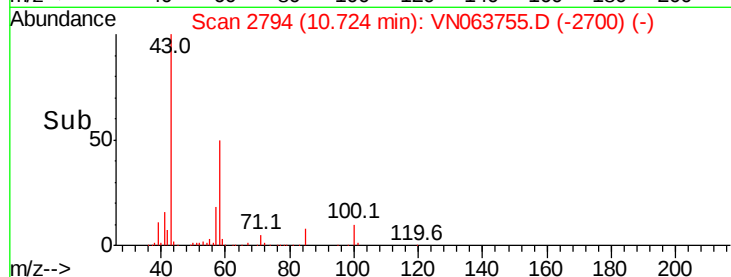
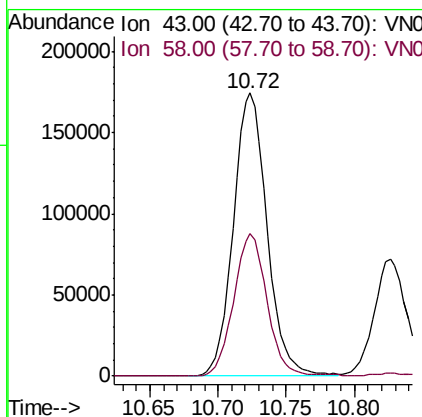
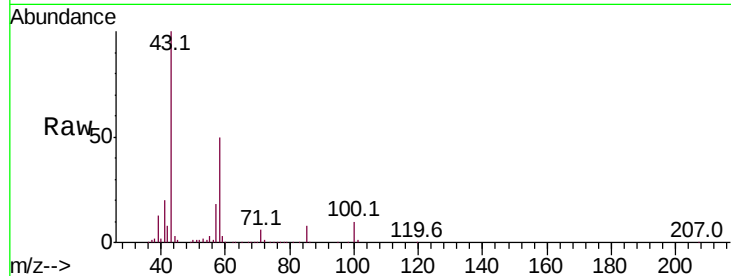




#59
2-Hexanone
Concen: 89.602 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

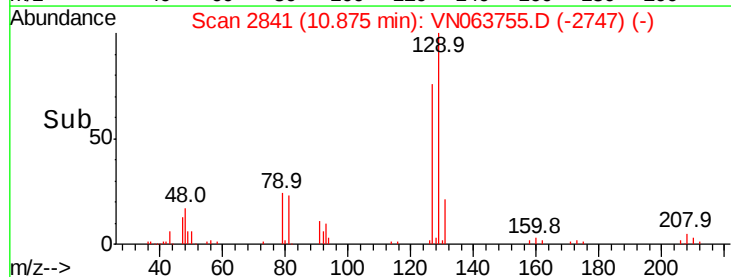
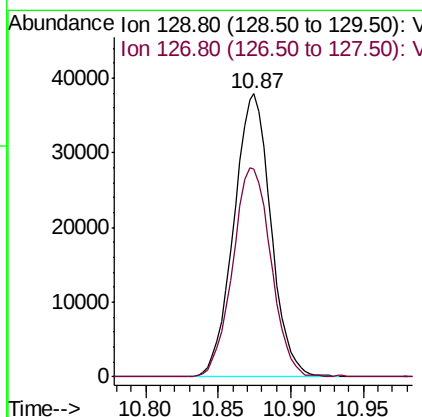
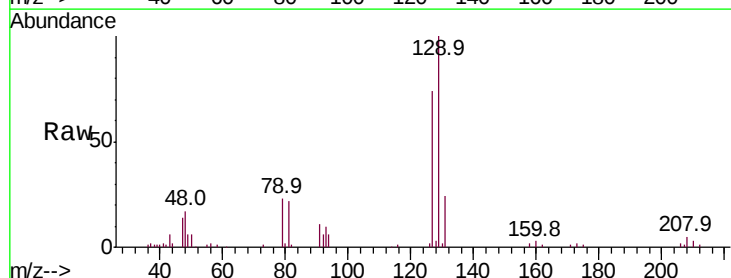
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

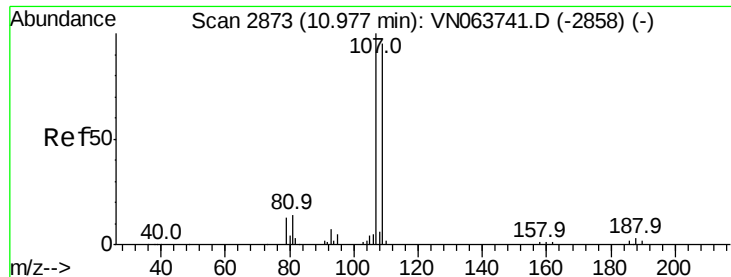
Tot Ion: 43 Resp: 297483
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.8



#60
Dibromochloromethane
Concen: 17.548 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion: 129 Resp: 67288
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.400 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

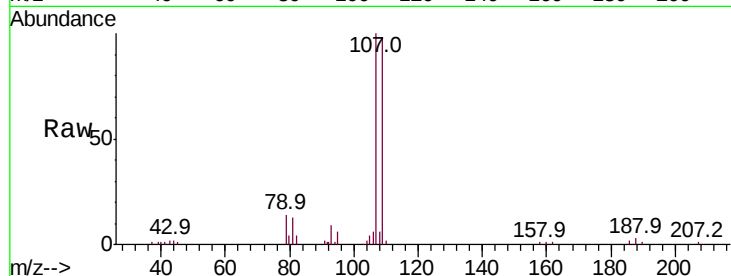
VN0930WBSD01

Tot Ion:107 Resp: 61974

Ion Ratio Lower Upper

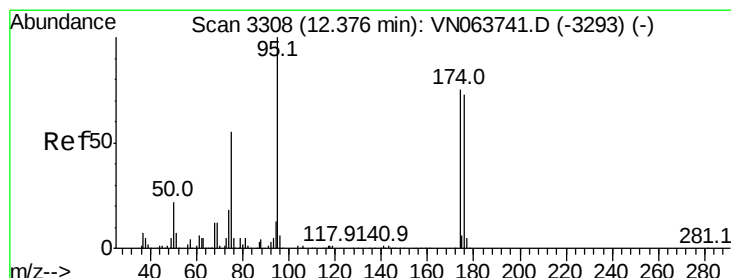
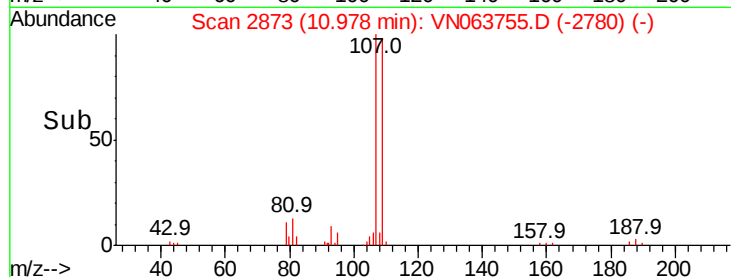
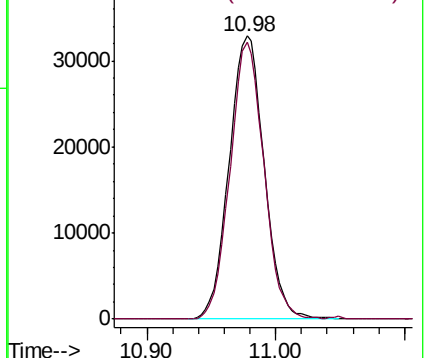
107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.936 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

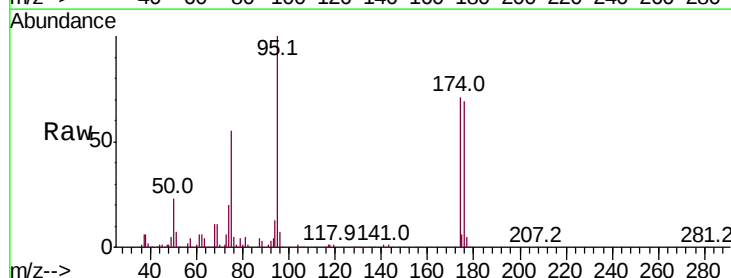
Tgt Ion: 95 Resp: 208356

Ion Ratio Lower Upper

95 100

174 71.9 0.0 150.6

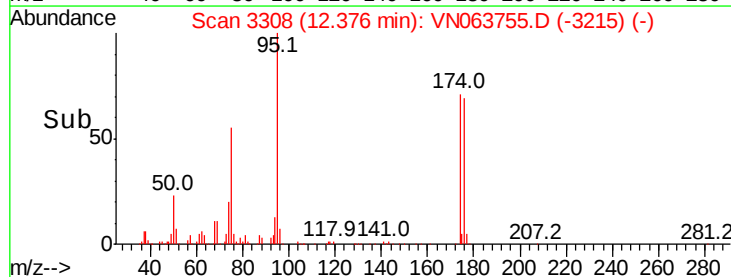
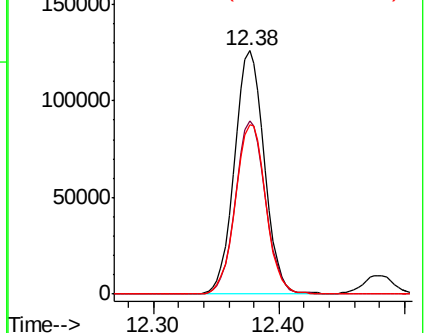
176 71.0 0.0 145.4

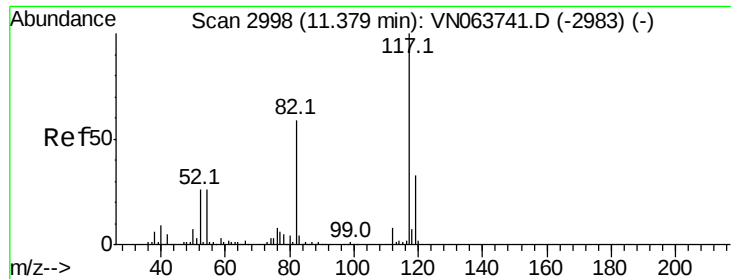


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

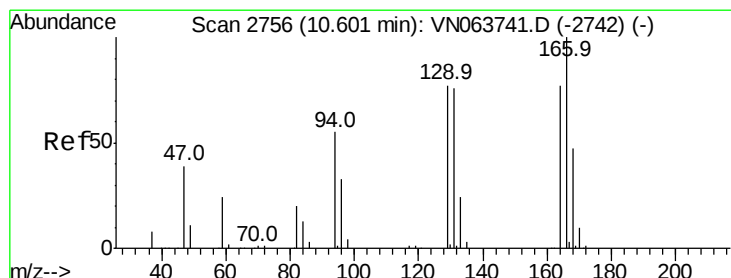
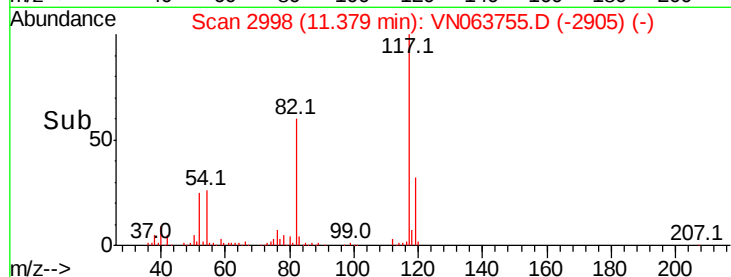
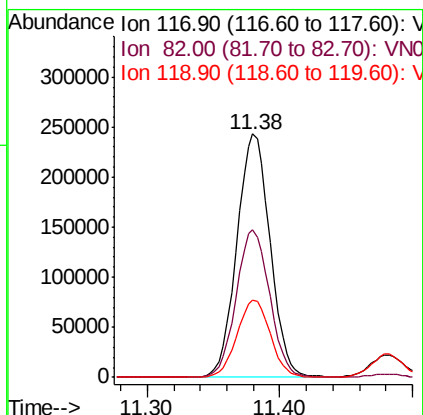
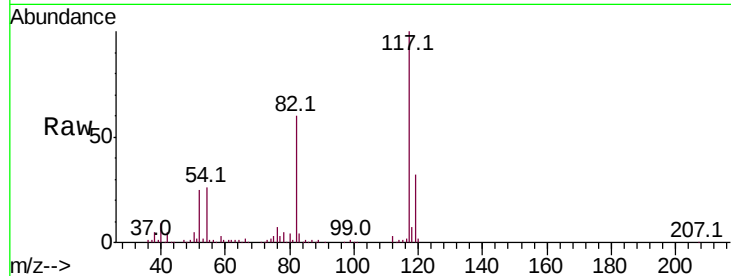




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

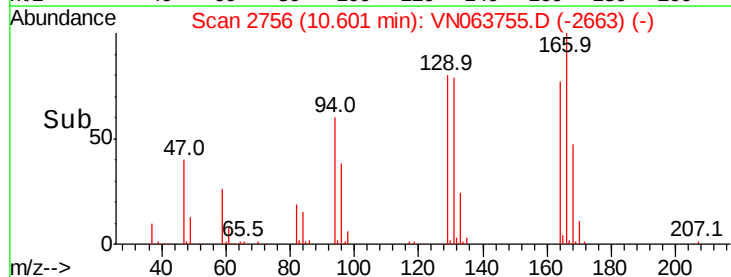
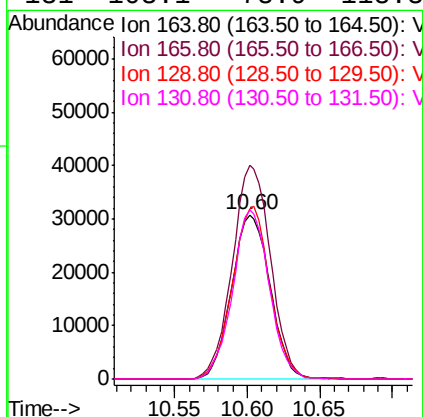
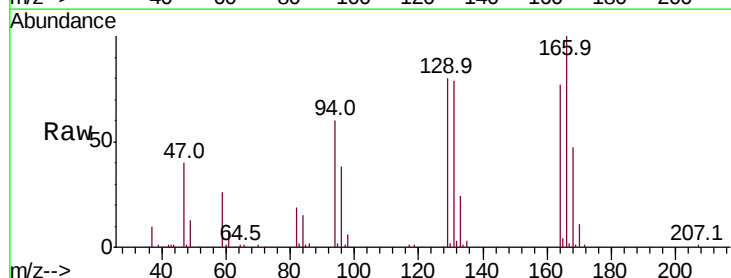
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

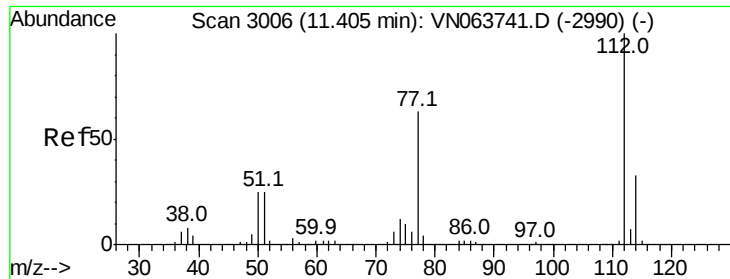
Tot Ion:117 Resp: 423763
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.8 26.4 39.6



#64
Tetrachloroethene
Concen: 17.309 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion:164 Resp: 56747
Ion Ratio Lower Upper
164 100
166 130.0 103.9 155.9
129 104.0 80.3 120.5
131 103.1 78.9 118.3

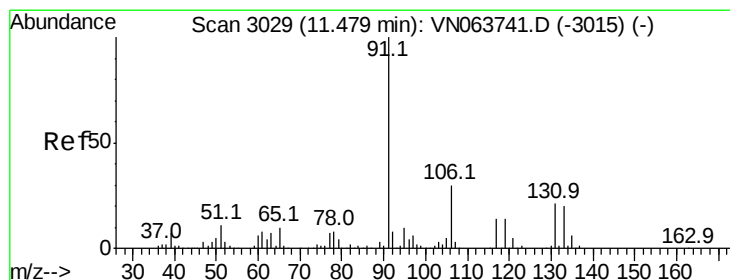
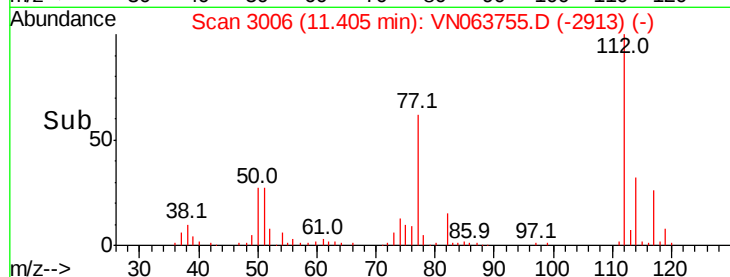
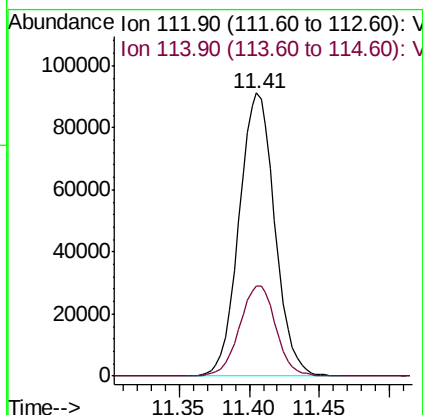
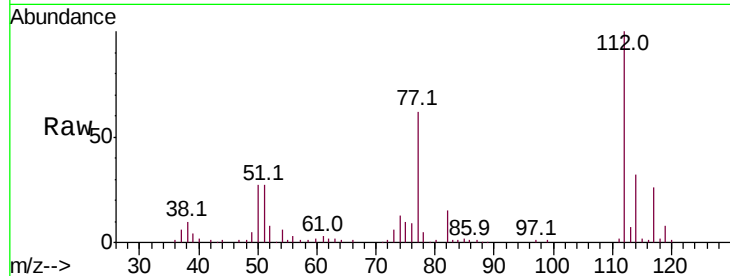




#65
Chlorobenzene
Concen: 18.611 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

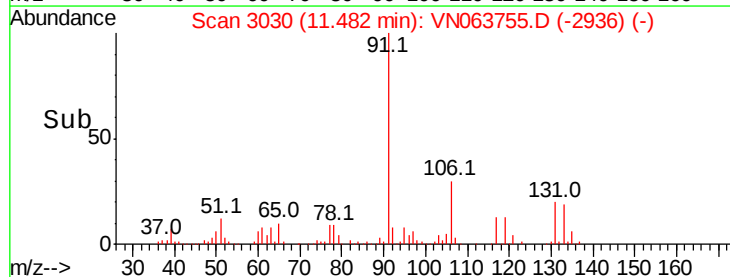
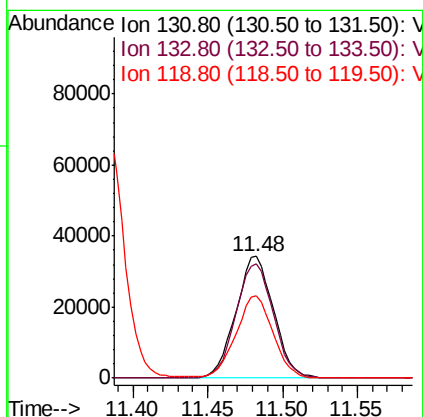
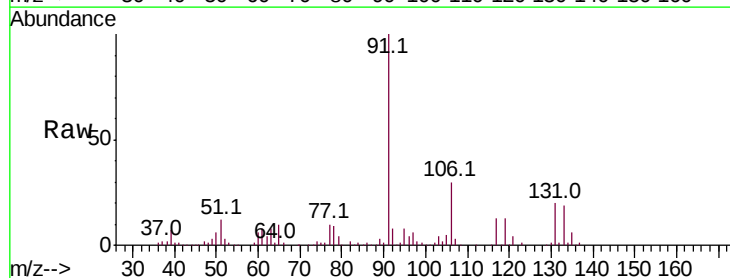
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

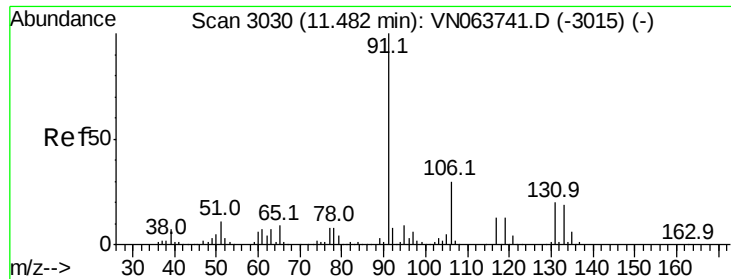
Tot Ion:112 Resp: 161778
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.054 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion:131 Resp: 60165
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.8
119 67.0 32.6 97.7





#67

Ethyl Benzene

Concen: 18.613 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampled :

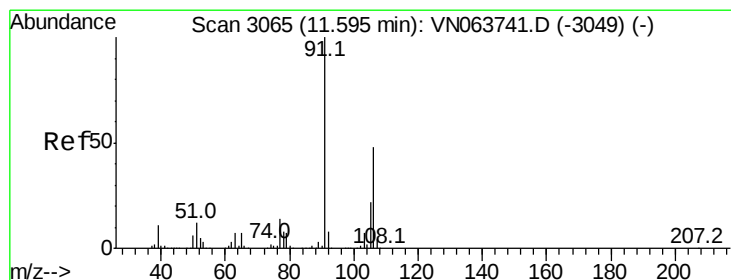
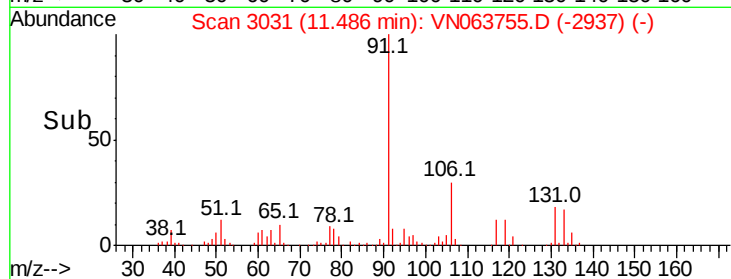
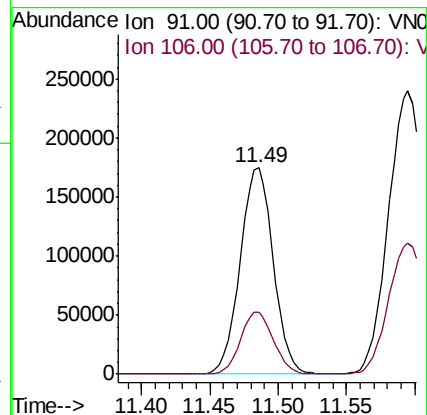
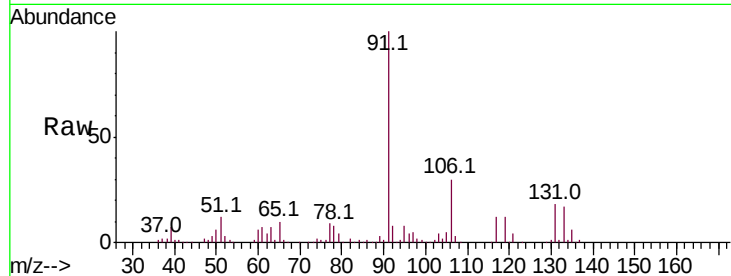
VN0930WBSD01

Tot Ion: 91 Resp: 294404

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



#68

m/p-Xylenes

Concen: 36.509 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063755.D

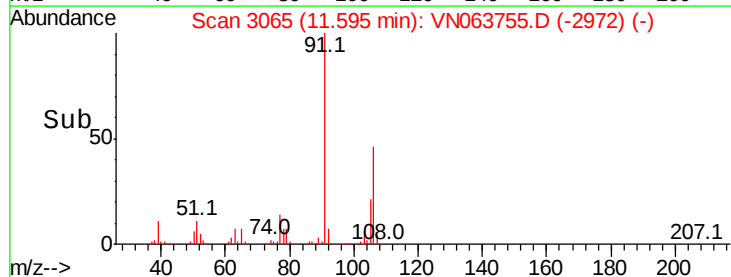
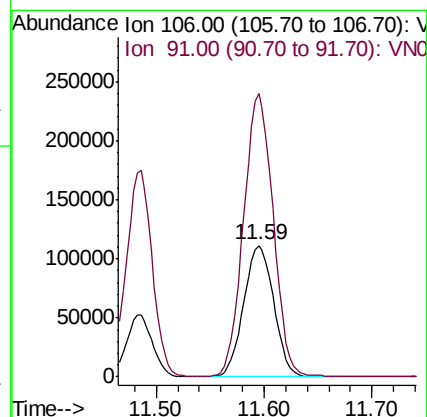
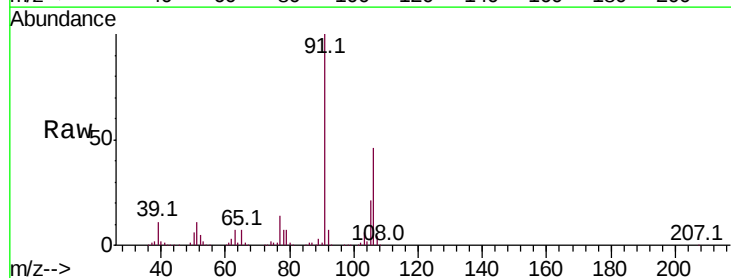
Acq: 30 Sep 2020 17:31

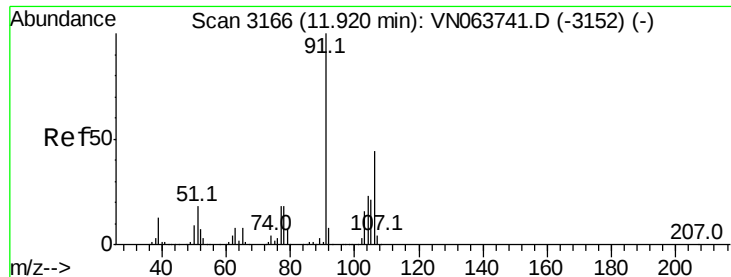
Tgt Ion: 106 Resp: 215226

Ion Ratio Lower Upper

106 100

91 212.0 168.0 252.0

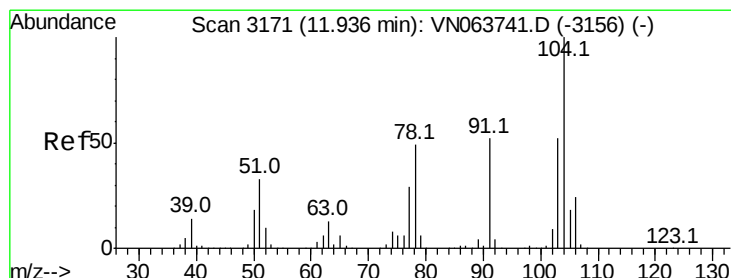
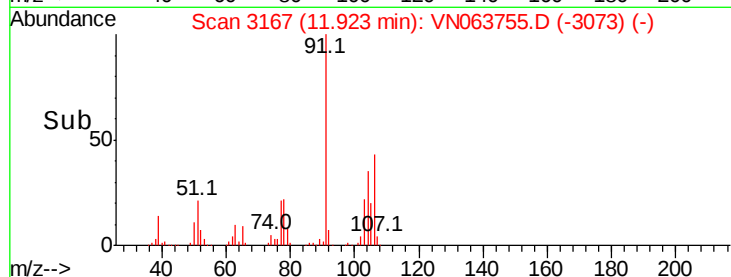
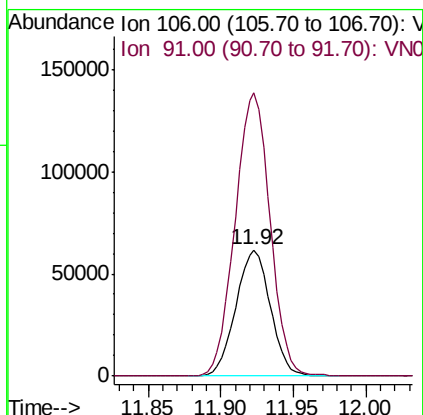
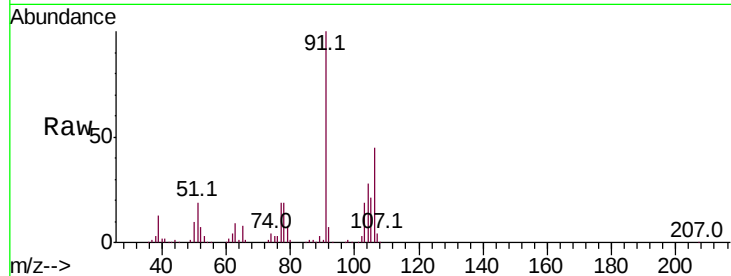




#69
o-Xylene
Concen: 18.574 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

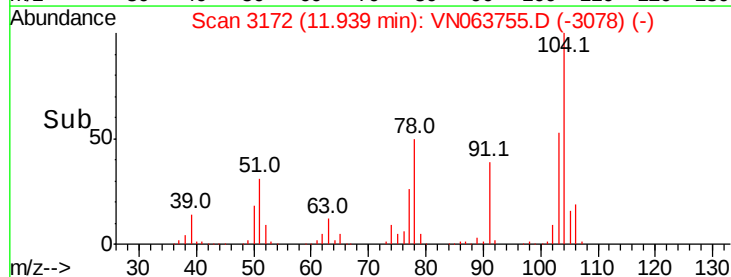
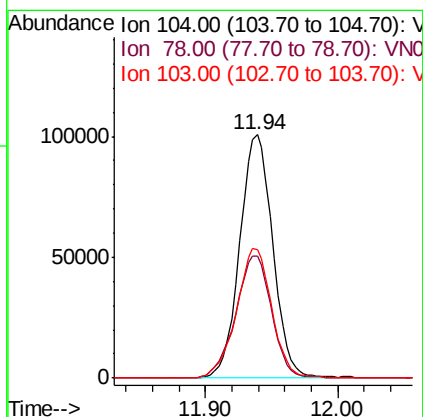
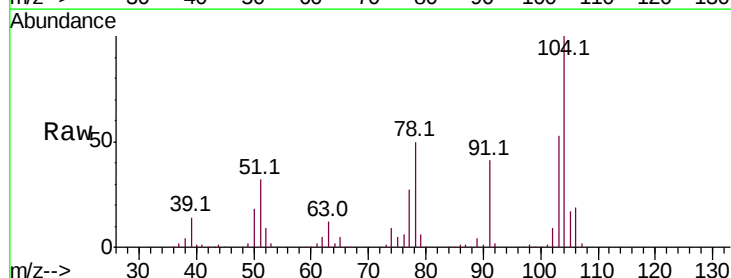
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

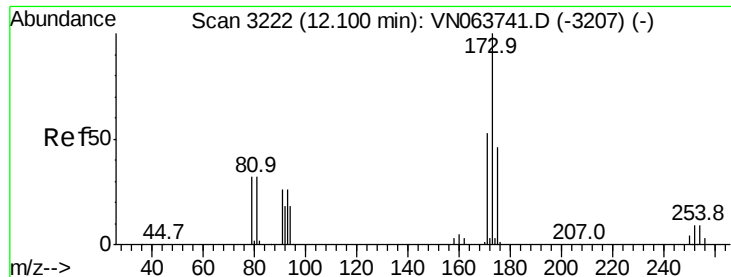
Tot Ion:106 Resp: 102344
Ion Ratio Lower Upper
106 100
91 227.7 112.7 338.0



#70
Styrene
Concen: 18.652 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion:104 Resp: 174456
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 56.7 44.3 66.5

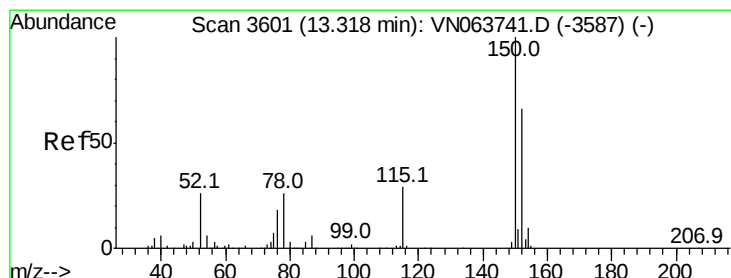
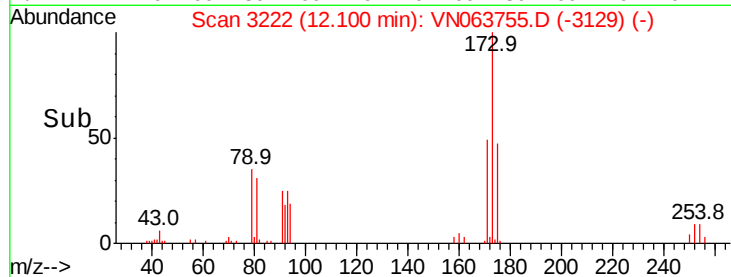
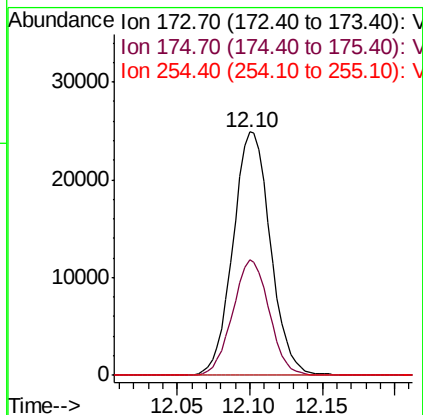
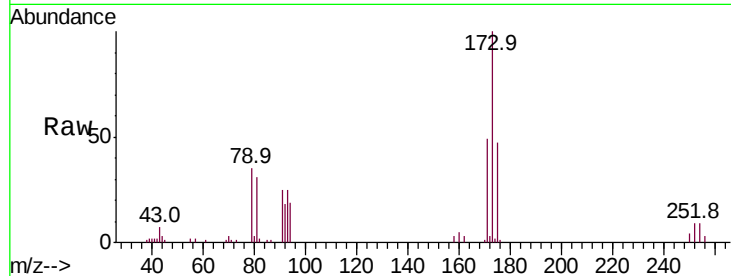




#71
Bromoform
Concen: 17.510 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

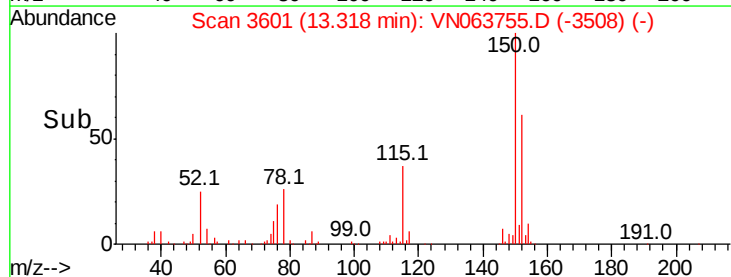
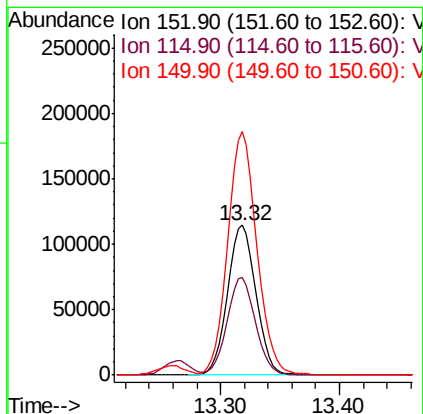
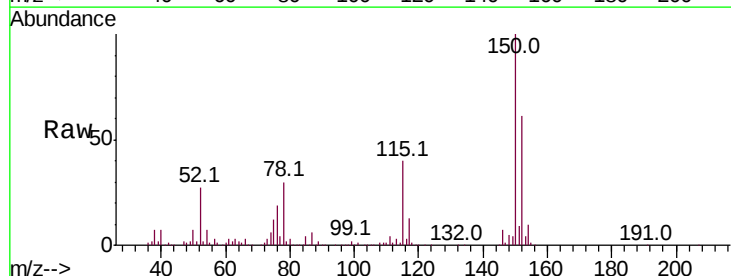
Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

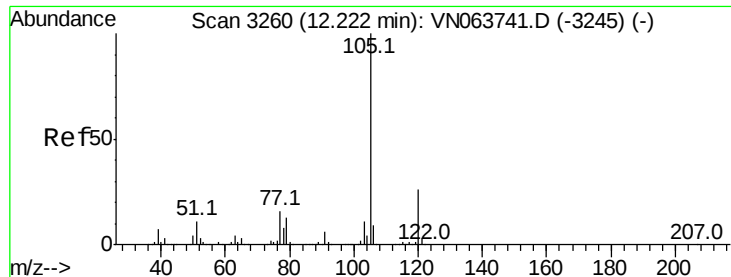
Tot Ion:173 Resp: 44628
Ion Ratio Lower Upper
173 100
175 46.0 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion:152 Resp: 190097
Ion Ratio Lower Upper
152 100
115 64.6 31.3 93.8
150 165.2 0.0 341.8





#73

Isopropylbenzene

Concen: 19.564 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

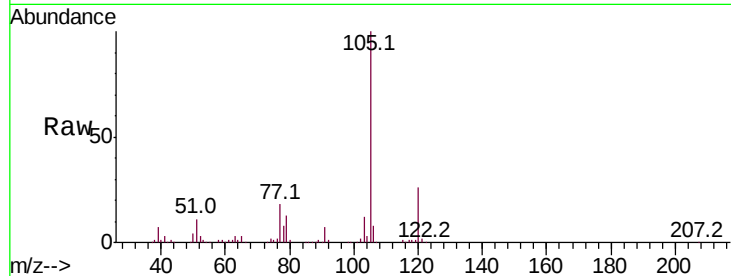
VN0930WBSD01

Tot Ion:105 Resp: 271271

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

150000

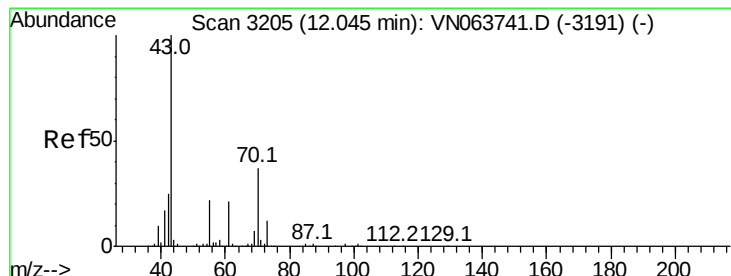
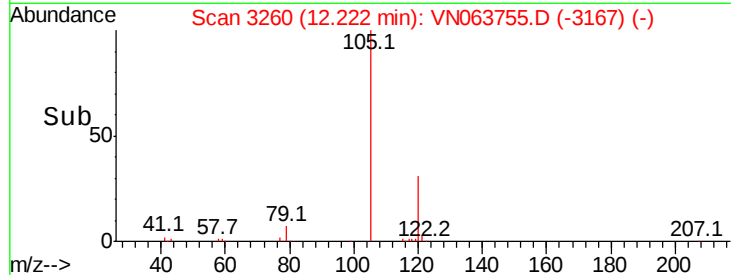
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 19.975 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Tgt Ion: 43 Resp: 119755

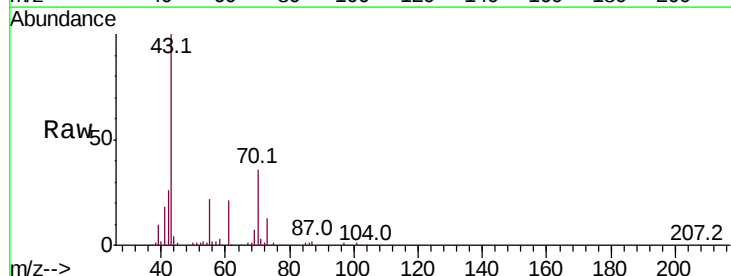
Ion Ratio Lower Upper

43 100

70 36.2 29.8 44.8

55 23.5 17.9 26.9

61 20.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

100000

80000

60000

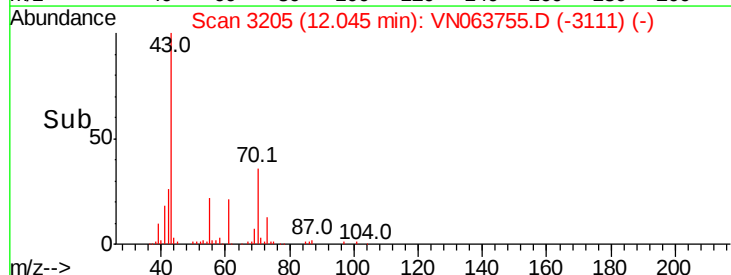
40000

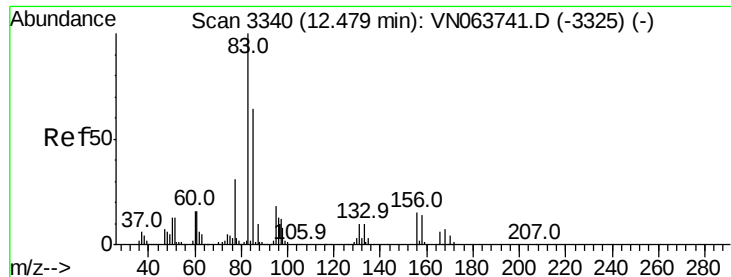
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.097 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

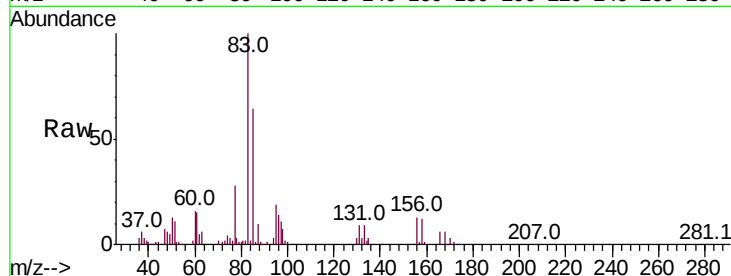
Tot Ion: 83 Resp: 85212

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

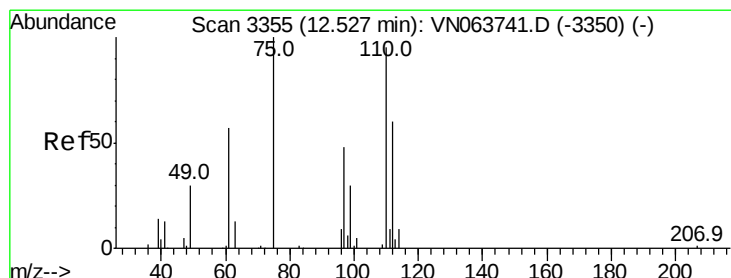
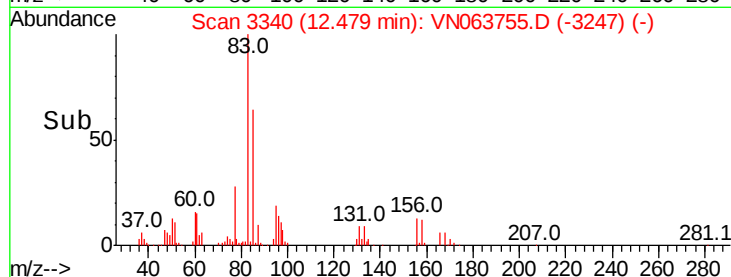
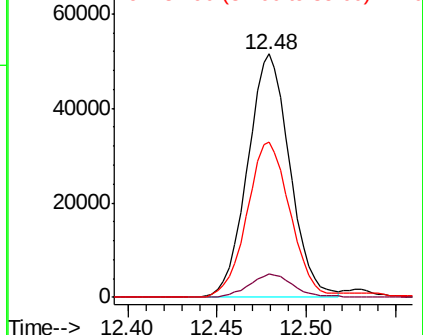
85 65.3 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.624 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063755.D

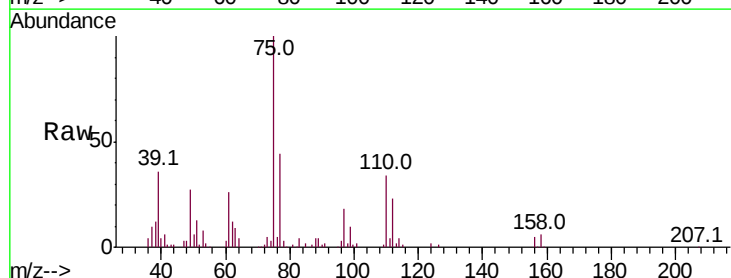
Acq: 30 Sep 2020 17:31

Tgt Ion: 75 Resp: 115759

Ion Ratio Lower Upper

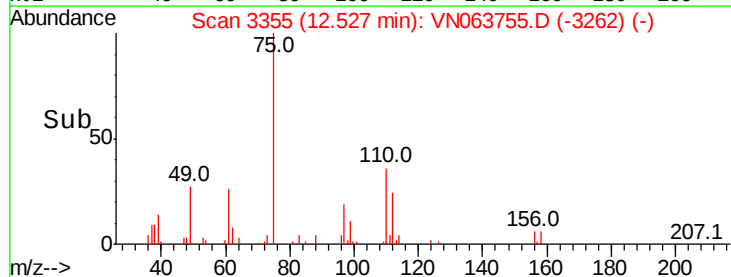
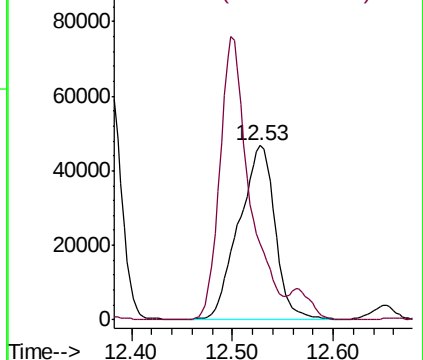
75 100

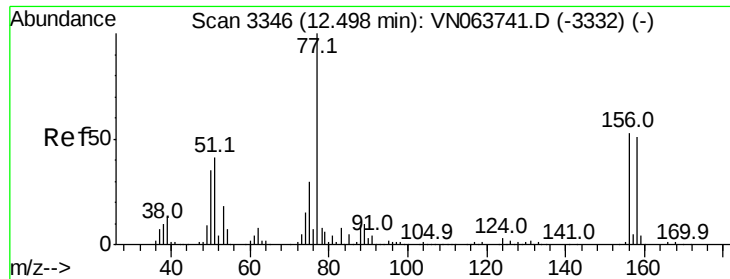
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.662 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

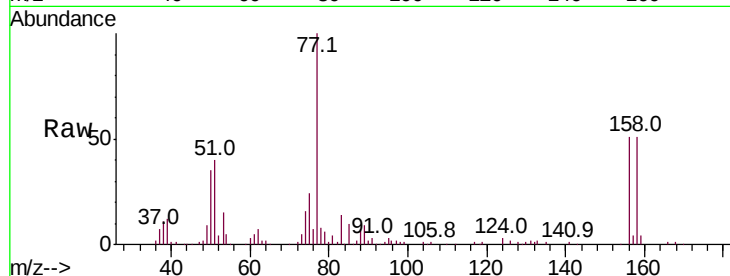
Tot Ion:156 Resp: 66896

Ion Ratio Lower Upper

156 100

77 233.1 110.9 332.7

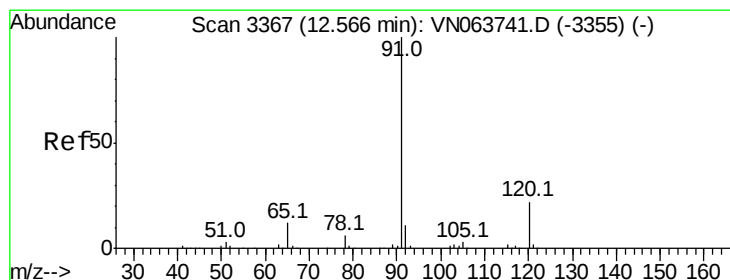
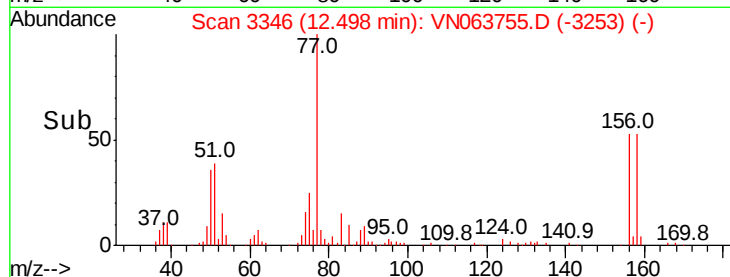
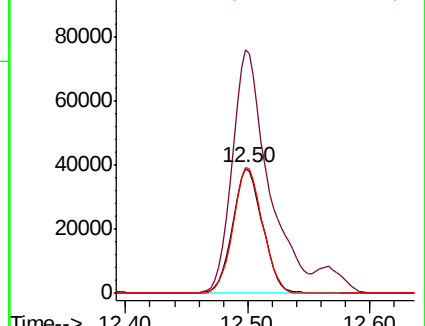
158 98.7 47.7 143.1



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: 19.288 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063755.D

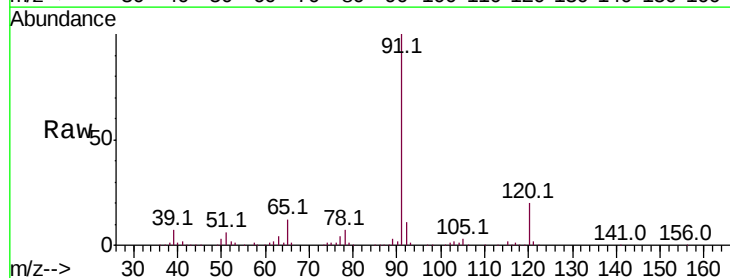
Acq: 30 Sep 2020 17:31

Tgt Ion: 91 Resp: 311242

Ion Ratio Lower Upper

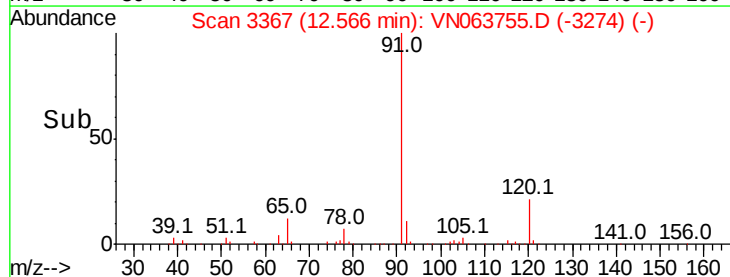
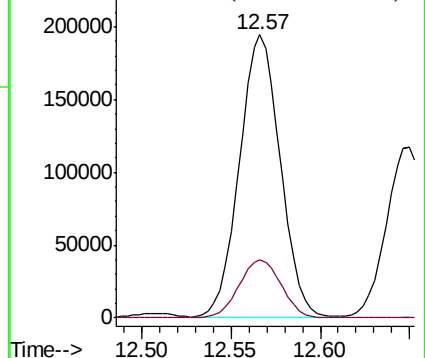
91 100

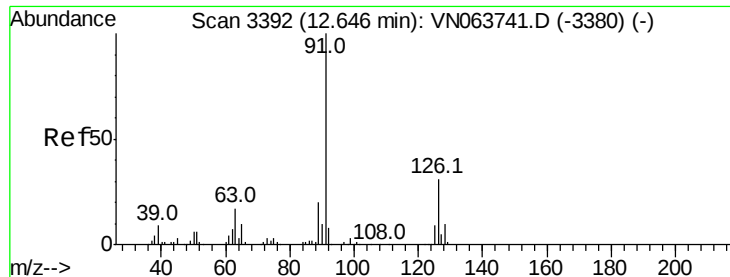
120 21.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.700 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampled :

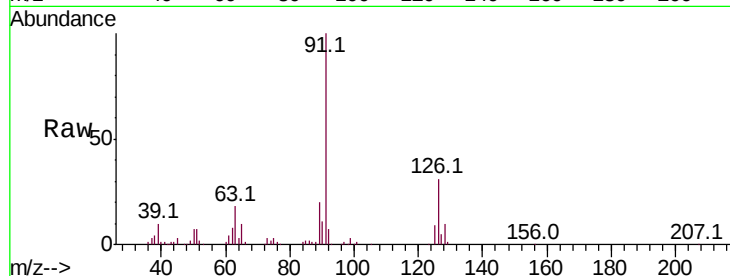
VN0930WBSD01

Tot Ion: 91 Resp: 195506

Ion Ratio Lower Upper

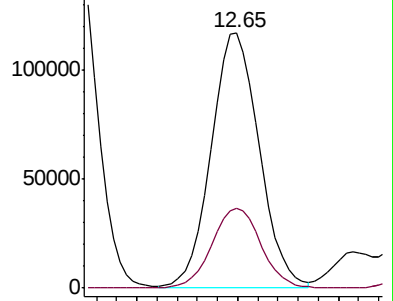
91 100

126 32.1 15.9 47.7

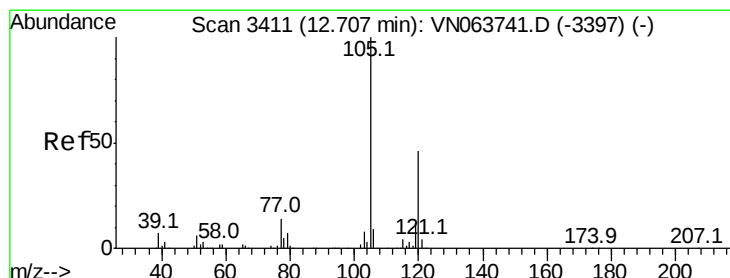
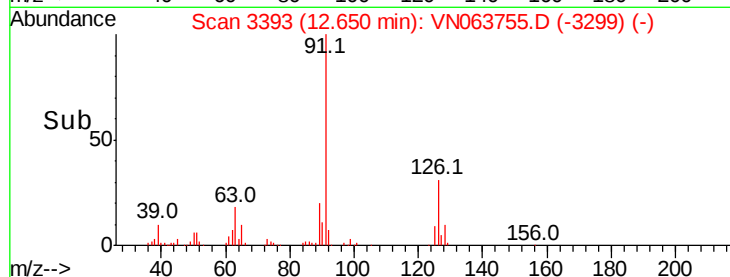


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.455 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063755.D

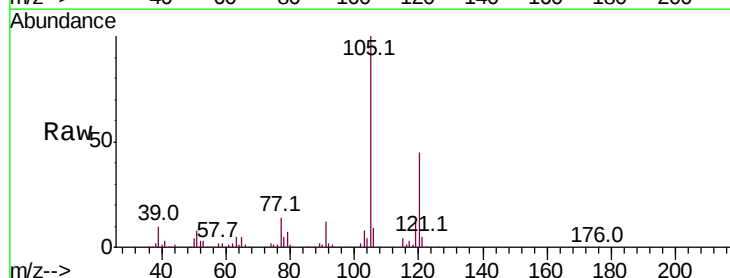
Acq: 30 Sep 2020 17:31

Tgt Ion:105 Resp: 226305

Ion Ratio Lower Upper

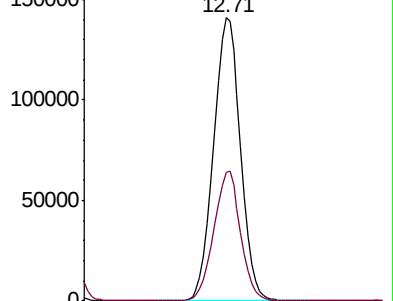
105 100

120 45.8 23.3 69.9

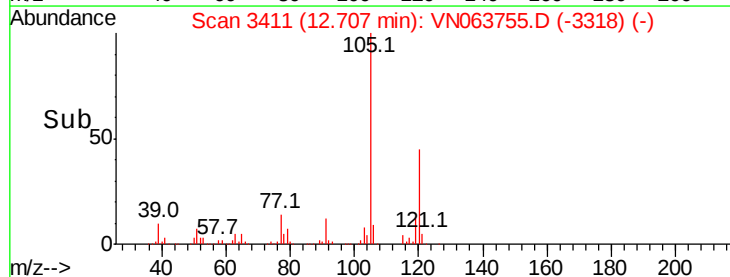


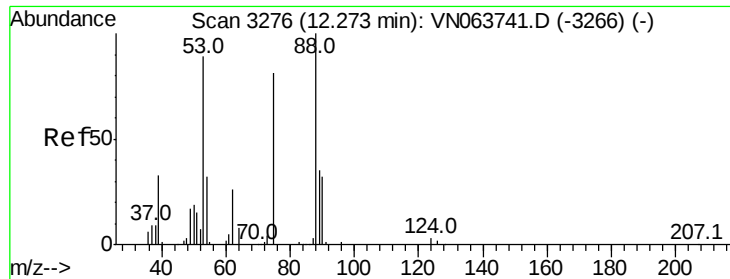
Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.315 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

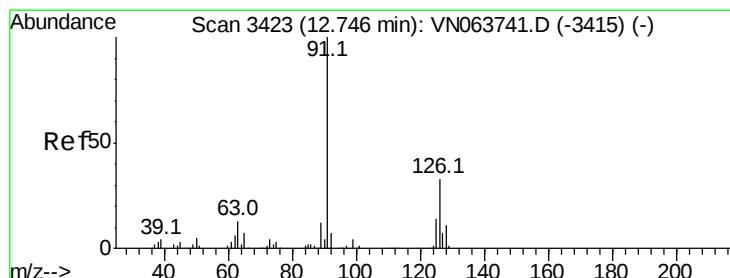
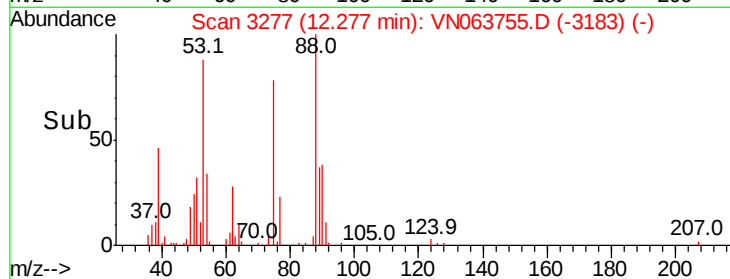
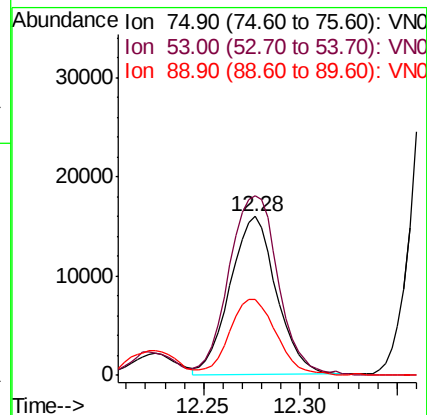
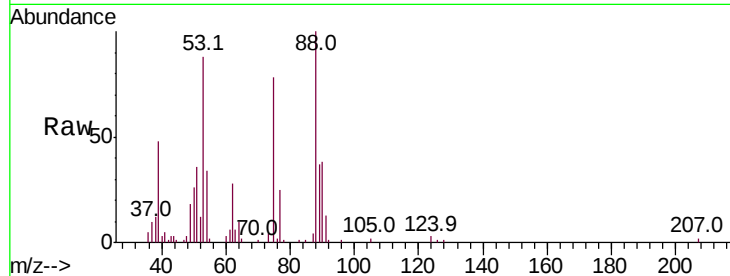
Tot Ion: 75 Resp: 26647

Ion Ratio Lower Upper

75 100

53 121.6 88.2 132.2

89 48.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.910 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063755.D

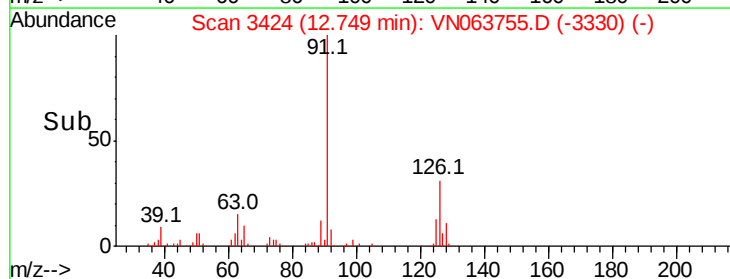
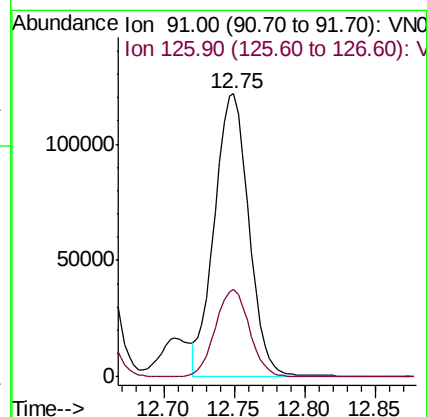
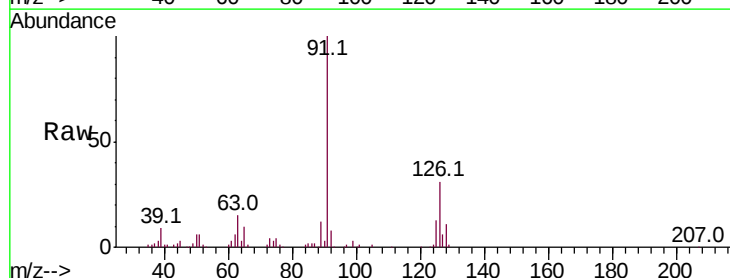
Acq: 30 Sep 2020 17:31

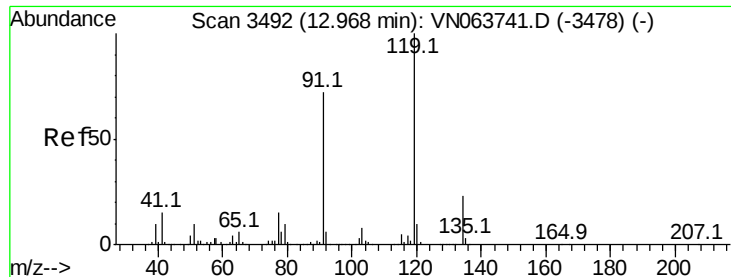
Tgt Ion: 91 Resp: 205128

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.2

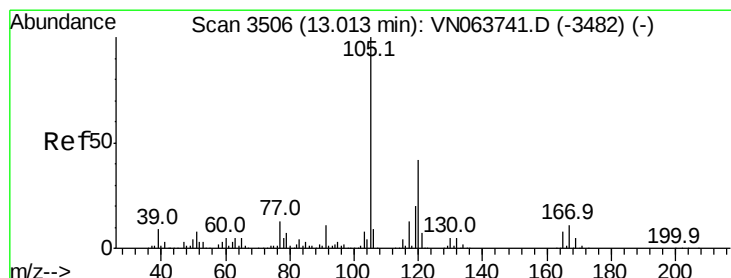
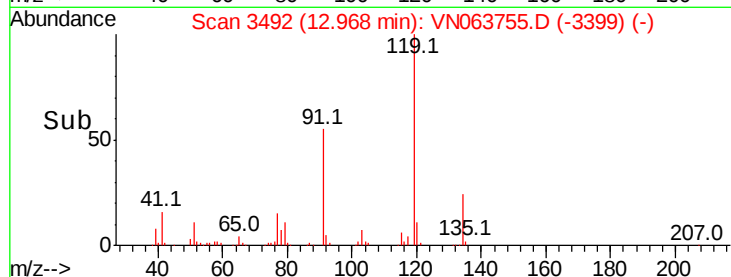
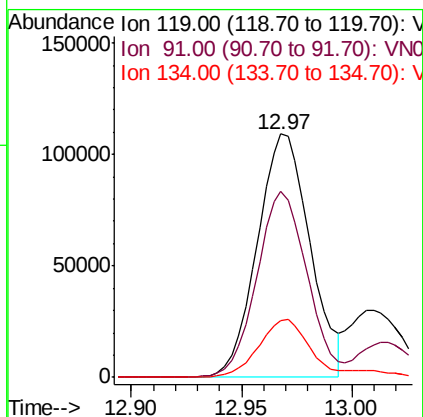
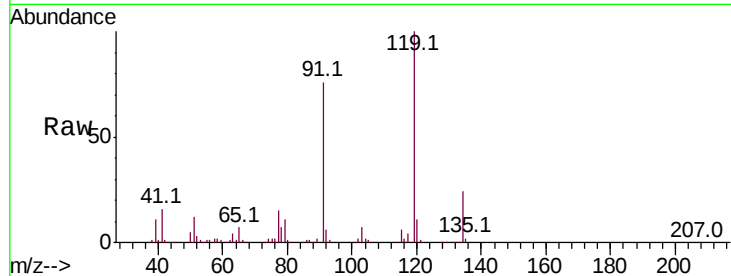




#83
tert-Butylbenzene
Concen: 19.037 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

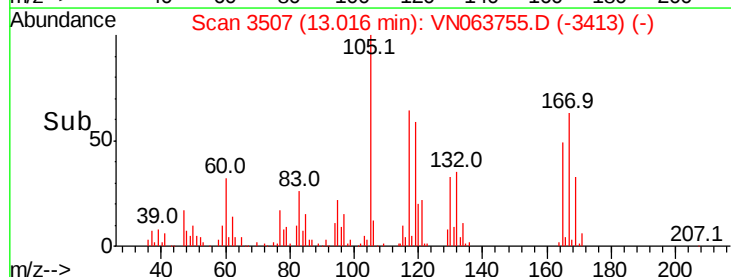
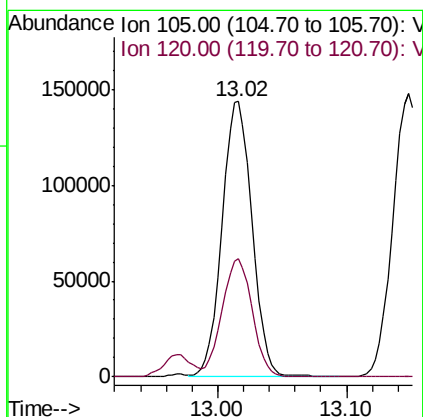
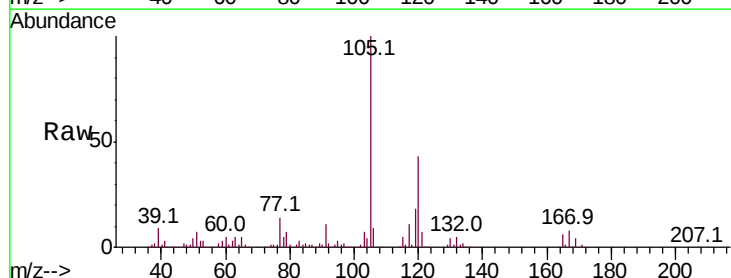
Instrument :
MSVOA_N
ClientSampled :
VN0930WBSD01

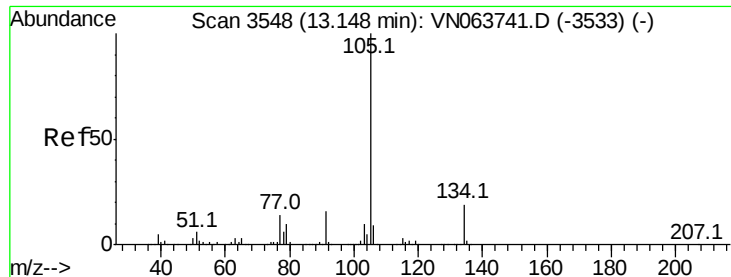
Tot Ion:119 Resp: 181143
Ion Ratio Lower Upper
119 100
91 73.2 35.5 106.5
134 22.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.840 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063755.D
Acq: 30 Sep 2020 17:31

Tgt Ion:105 Resp: 230421
Ion Ratio Lower Upper
105 100
120 43.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.080 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

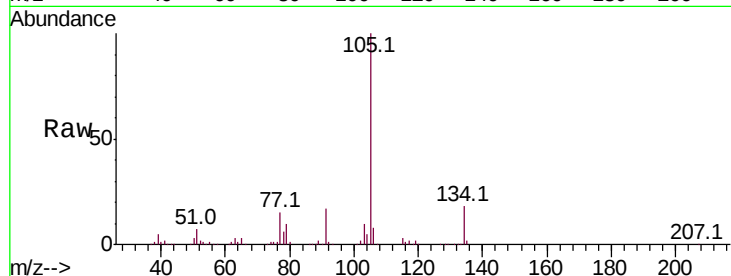
VN0930WBSD01

Tot Ion:105 Resp: 238448

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

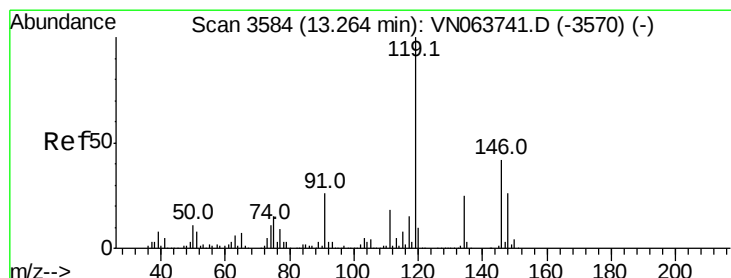
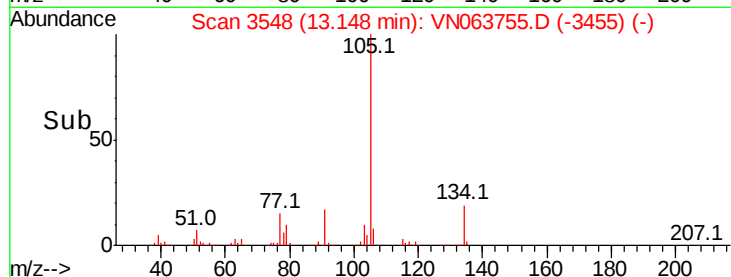
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.841 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

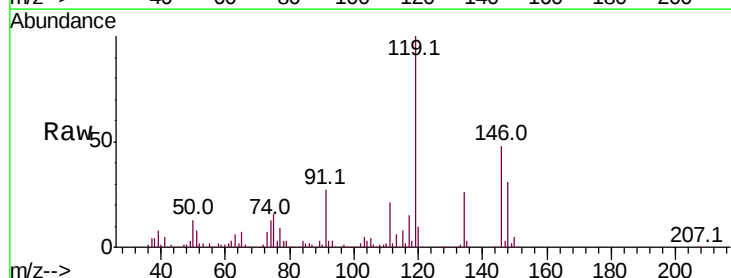
Tgt Ion:119 Resp: 208308

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 27.2 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

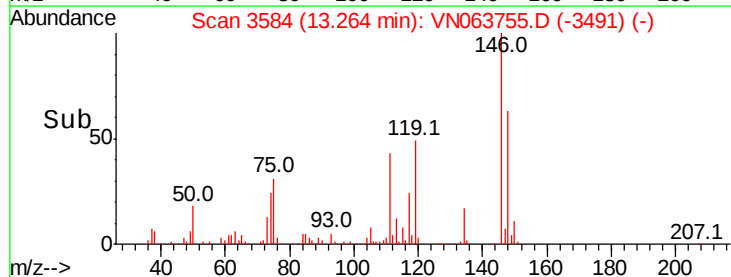
150000

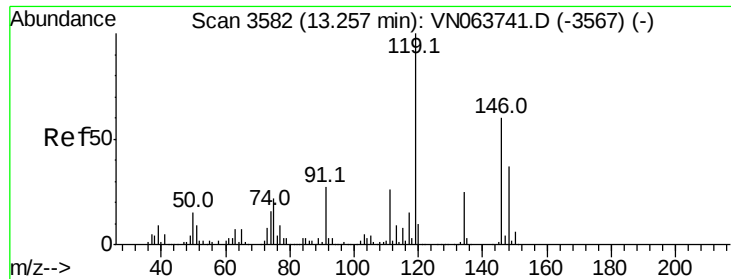
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.248 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

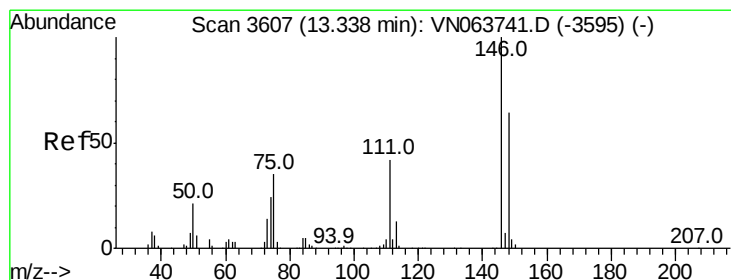
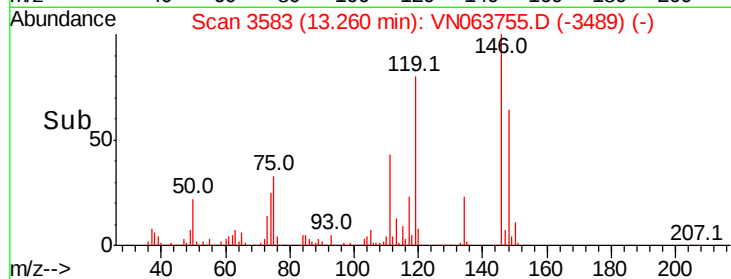
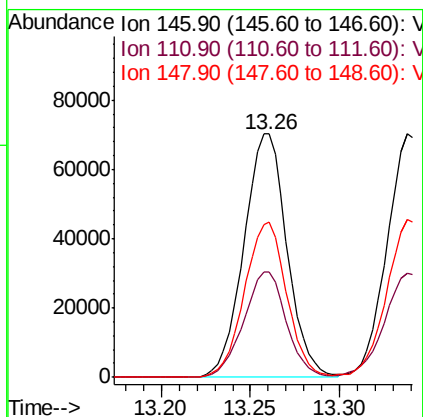
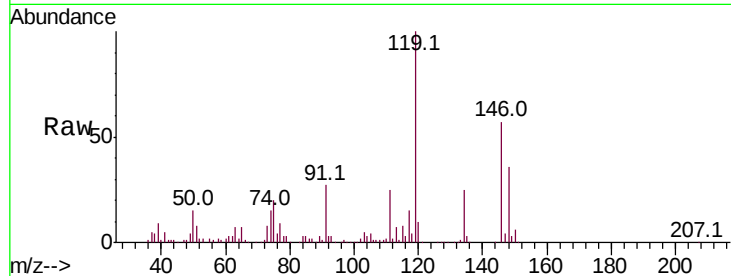
Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD01

Tot Ion:146 Resp: 118471

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	62.3	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 18.169 ug/l

RT: 13.34 min Scan# 3607

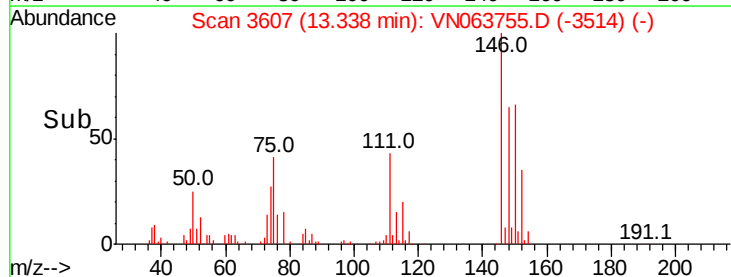
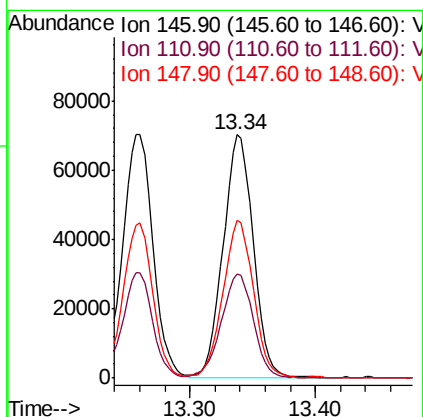
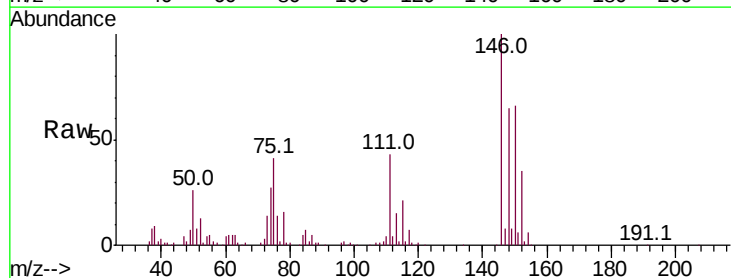
Delta R.T. 0.00 min

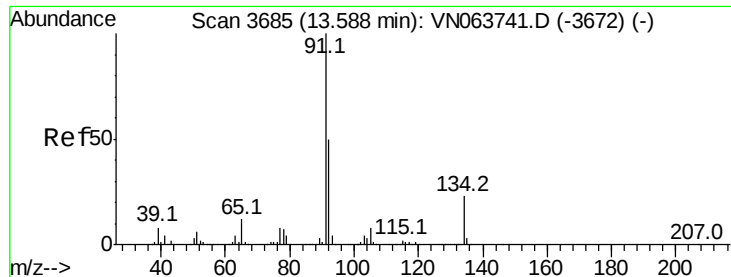
Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Tgt Ion:146 Resp: 116442

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.3	63.7
148	65.6	32.0	96.0





#89

n-Butylbenzene

Concen: 18.043 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

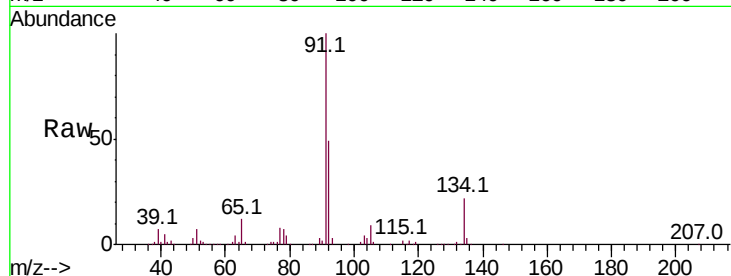
Tot Ion: 91 Resp: 184121

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.4

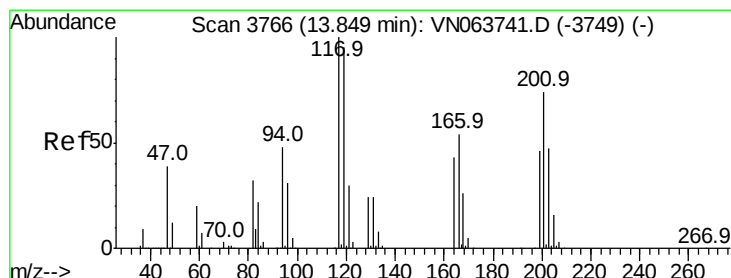
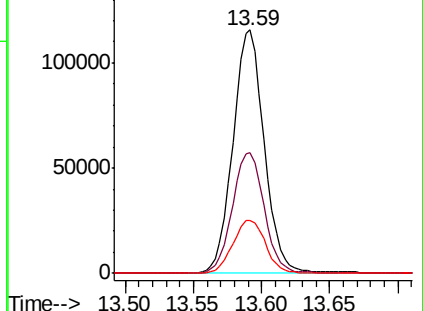
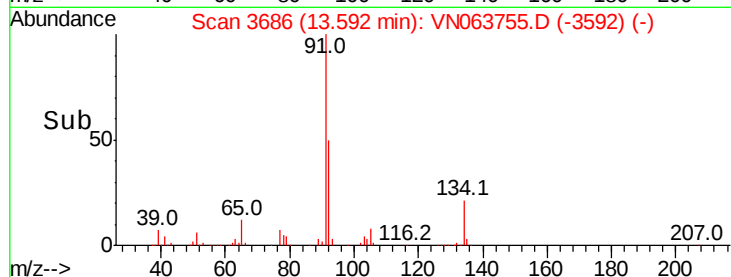
134 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.072 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063755.D

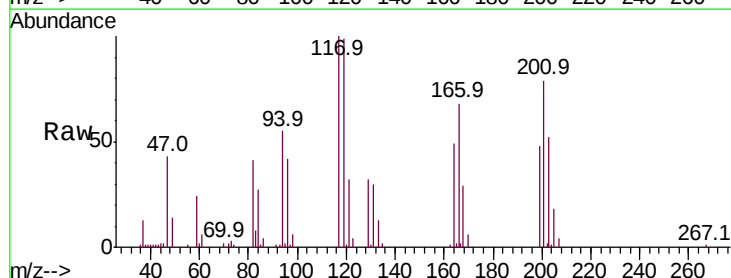
Acq: 30 Sep 2020 17:31

Tgt Ion: 117 Resp: 36576

Ion Ratio Lower Upper

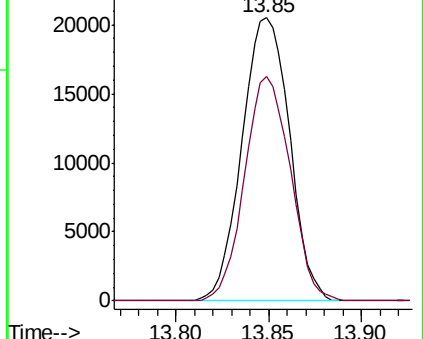
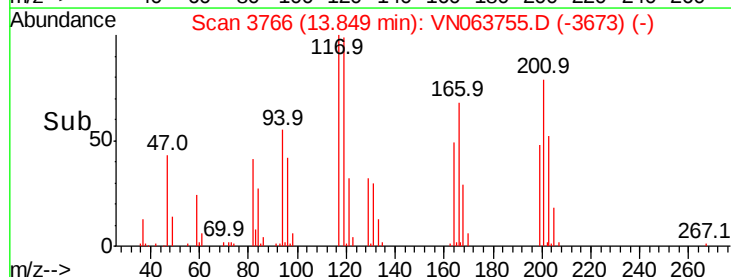
117 100

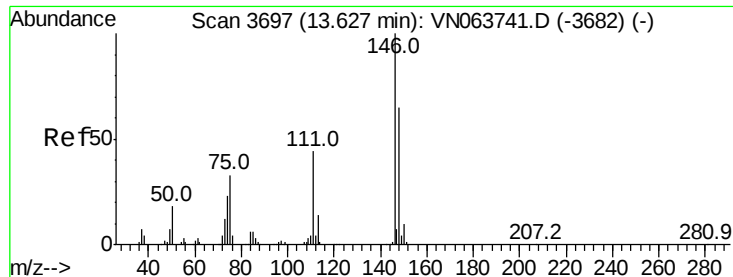
201 76.4 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.897 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

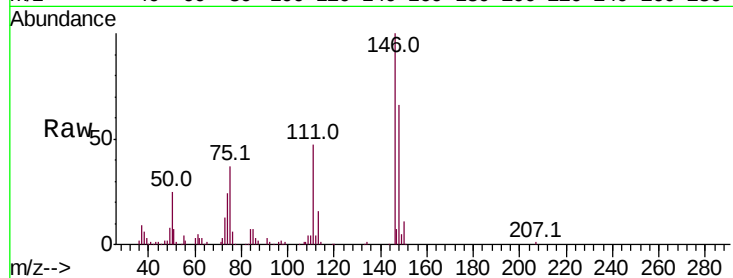
Tot Ion:146 Resp: 115207

Ion Ratio Lower Upper

146 100

111 45.4 22.2 66.6

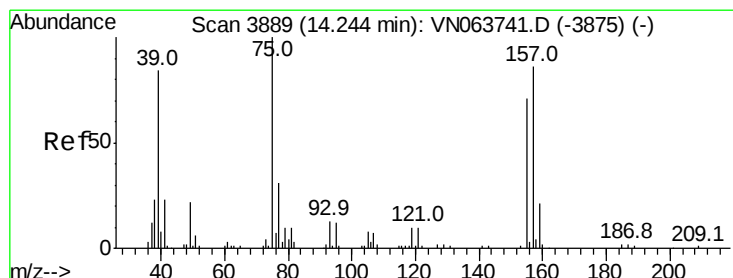
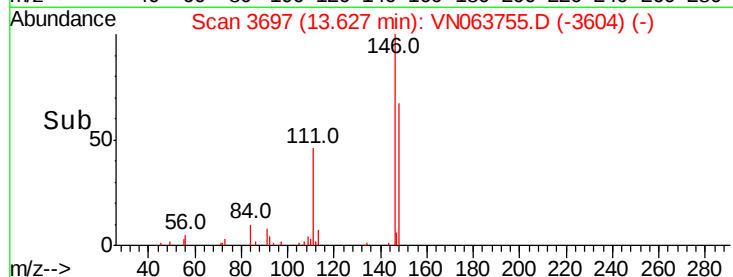
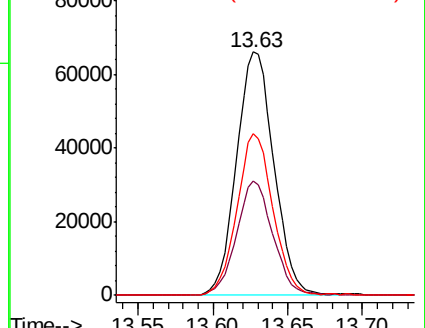
148 63.6 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.950 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

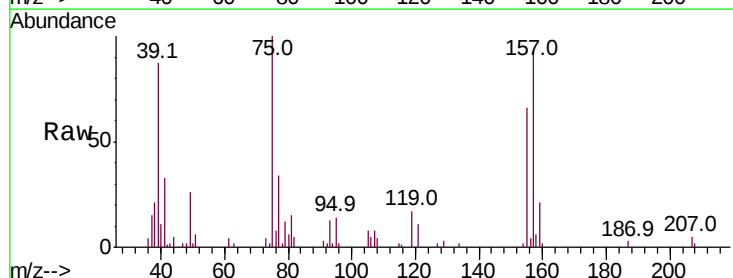
Tgt Ion: 75 Resp: 18843

Ion Ratio Lower Upper

75 100

155 65.9 34.8 104.5

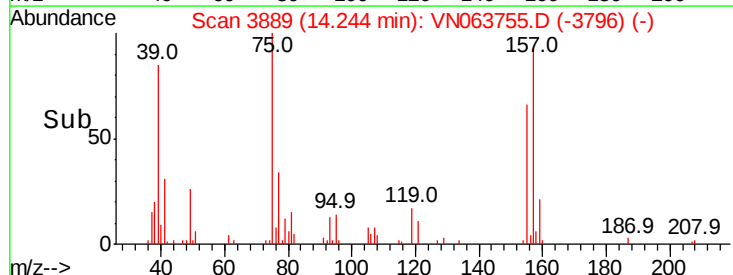
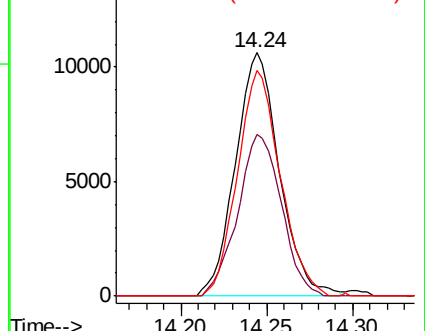
157 90.1 43.7 131.1

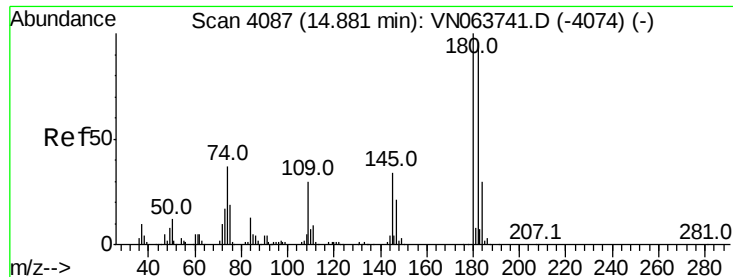


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

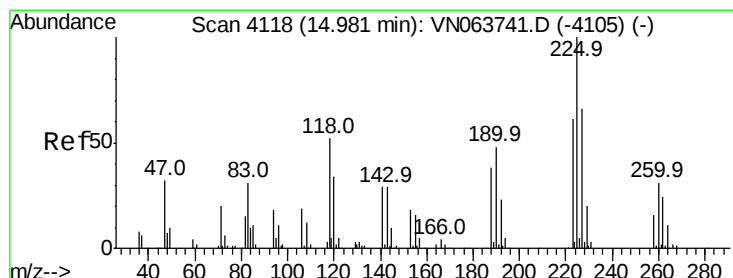
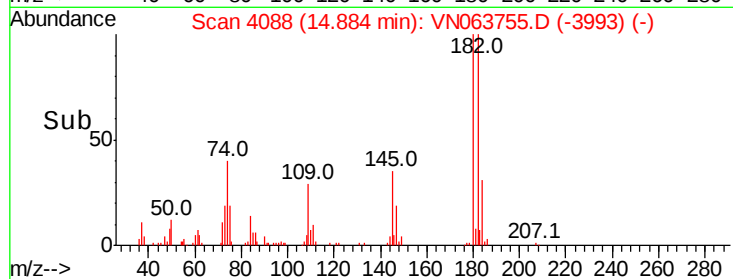
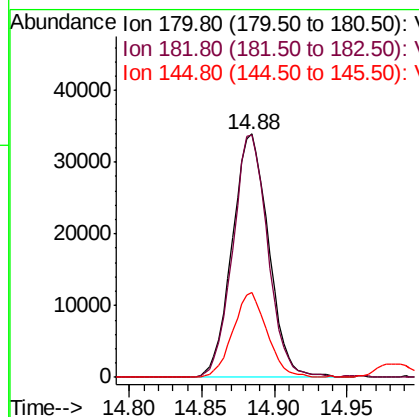
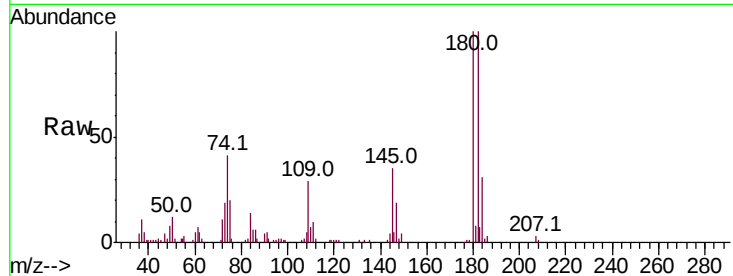




#93
 1,2,4-Trichlorobenzene
 Concen: 18.959 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

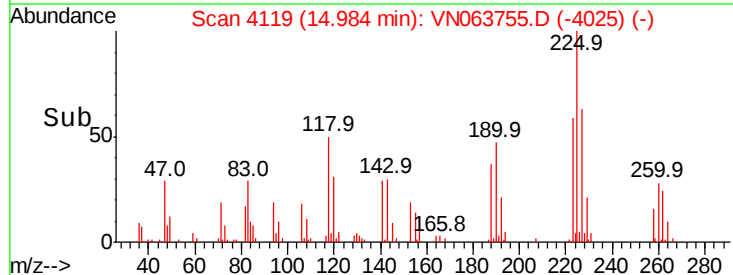
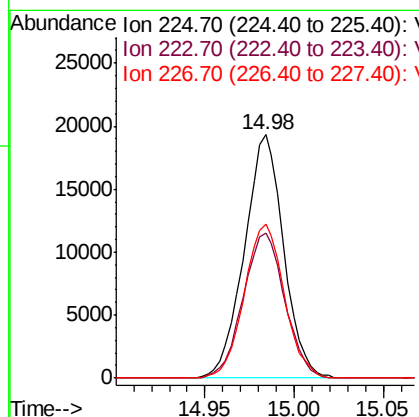
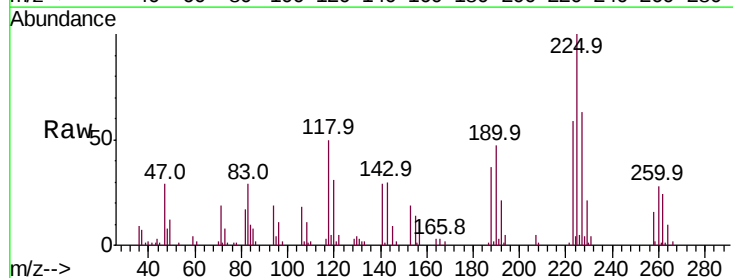
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

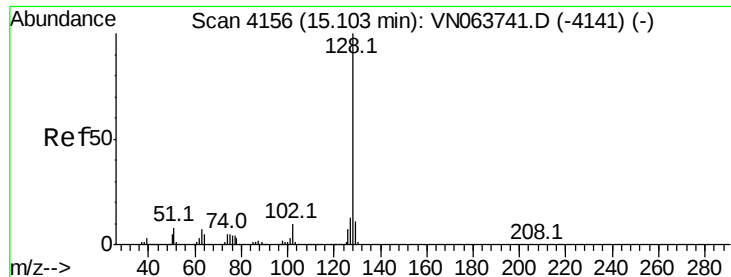
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.2	144.6
145	32.6	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 17.987 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063755.D
 Acq: 30 Sep 2020 17:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.3	91.0
227	64.4	31.9	95.5





#95

Naphthalene

Concen: 20.160 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN0930WBSD01

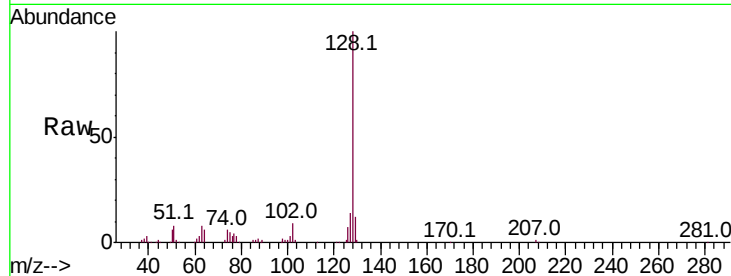
Tot Ion:128 Resp: 194536

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

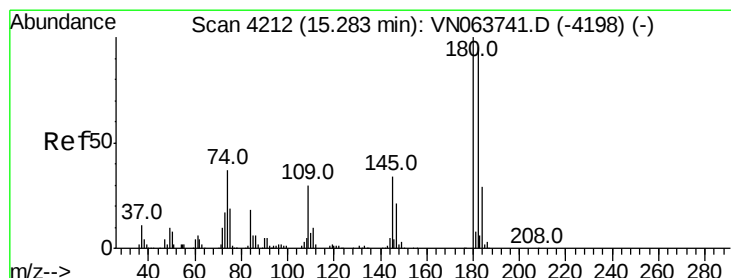
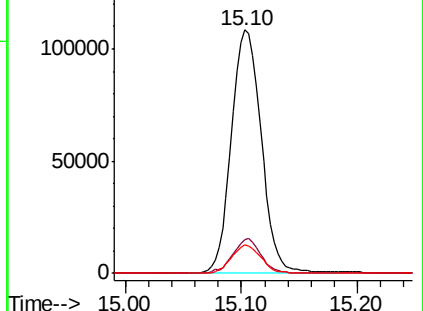
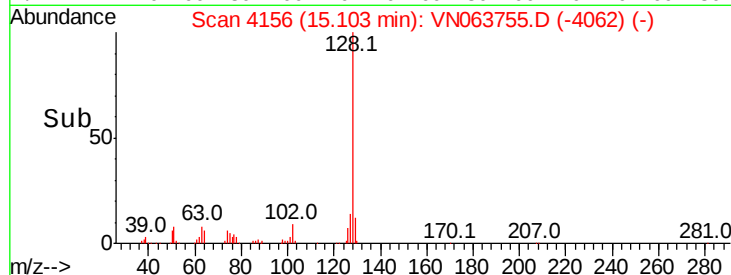
129 11.4 8.7 13.1



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: 18.704 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063755.D

Acq: 30 Sep 2020 17:31

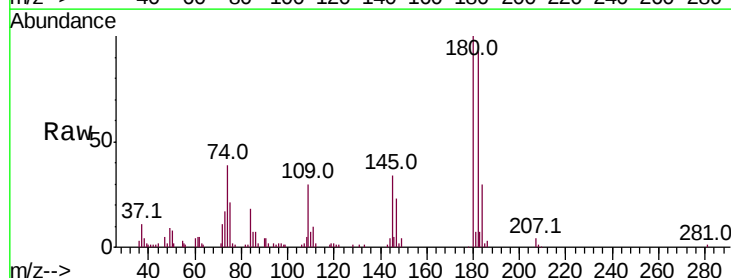
Tgt Ion:180 Resp: 56879

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 34.7 17.2 51.5



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

