

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063107.D
 Acq On : 25 Aug 2020 12:04
 Operator : JC/MD
 Sample : VN0825WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Quant Time: Aug 26 05:37:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125889	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	113687	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	7.55	113	93010	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
50) Toluene-d8	10.06	98	357700	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.38	95	127577	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39943	18.010	ug/l	98
3) Chloromethane	2.04	50	45319	19.278	ug/l	98
4) Vinyl Chloride	2.16	62	46407	20.413	ug/l	98
5) Bromomethane	2.49	94	19888	14.739	ug/l	97
6) Chloroethane	2.60	64	28713	21.392	ug/l	98
7) Trichlorofluoromethane	2.94	101	55957	19.737	ug/l	97
8) Diethyl Ether	3.37	74	19365	19.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.70	101	27559	18.040	ug/l	99
10) Methyl Iodide	3.89	142	33584	17.344	ug/l #	94
11) Tert butyl alcohol	4.76	59	19426	67.494	ug/l #	93
12) 1,1-Dichloroethene	3.67	96	24387	16.757	ug/l	96
13) Acrolein	3.56	56	743	8.240	ug/l #	1
14) Allyl chloride	4.26	41	44008	17.151	ug/l	98
15) Acrylonitrile	4.93	53	83842	99.109	ug/l	97
16) Acetone	3.78	43	65657	101.285	ug/l	97
17) Carbon Disulfide	3.99	76	60297	15.821	ug/l	96
18) Methyl Acetate	4.28	43	39564	19.593	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	100550	19.812	ug/l	98
20) Methylene Chloride	4.50	84	35521	18.999	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	28281	18.569	ug/l	96
22) Diisopropyl ether	5.91	45	113128	19.428	ug/l	95
23) Vinyl Acetate	5.84	43	353774	90.034	ug/l	98
24) 1,1-Dichloroethane	5.79	63	61828	19.001	ug/l	99
25) 2-Butanone	6.79	43	98620	91.418	ug/l	99
26) 2,2-Dichloropropane	6.77	77	49575	19.373	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	35218	18.449	ug/l	99
28) Bromochloromethane	7.15	49	33305	19.562	ug/l	96
29) Tetrahydrofuran	7.17	42	65513	94.095	ug/l	98
30) Chloroform	7.33	83	66994	20.443	ug/l	98
31) Cyclohexane	7.61	56	53530	17.874	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	52435	19.599	ug/l	99
36) 1,1-Dichloropropene	7.75	75	40870	17.792	ug/l	99
37) Ethyl Acetate	6.89	43	38760	18.008	ug/l	99
38) Carbon Tetrachloride	7.73	117	43211	18.633	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46010	15.935	ug/l	97
40) Benzene	8.00	78	141618	19.438	ug/l	99
41) Methacrylonitrile	7.13	41	19876	19.382	ug/l	96
42) 1,2-Dichloroethane	8.09	62	50348	20.581	ug/l	100
43) Isopropyl Acetate	8.13	43	71864	20.153	ug/l #	90
44) Trichloroethene	8.80	130	33789	18.645	ug/l	95
45) 1,2-Dichloropropane	9.09	63	41532	19.721	ug/l	99
46) Dibromomethane	9.18	93	24997	20.547	ug/l	99
47) Bromodichloromethane	9.37	83	53314	20.008	ug/l	97
48) Methyl methacrylate	9.17	41	33421	19.809	ug/l	96
49) 1,4-Dioxane	9.17	88	5804	169.230	ug/l #	86
51) 4-Methyl-2-Pentanone	9.96	43	241363	107.085	ug/l	98
52) Toluene	10.12	92	88019	20.027	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	56252	20.414	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	60580	20.041	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	39336	20.932	ug/l	99
56) Ethyl methacrylate	10.40	69	50939	18.680	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64300	20.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	60334	93.532	ug/l	99
59) 2-Hexanone	10.73	43	169524	107.827	ug/l	96
60) Dibromochloromethane	10.88	129	42115	20.251	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36715	20.333	ug/l	98
64) Tetrachloroethene	10.60	164	29677	17.845	ug/l	99
65) Chlorobenzene	11.41	112	96966	19.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38482	19.472	ug/l	99
67) Ethyl Benzene	11.49	91	162048	18.875	ug/l	100
68) m/p-Xylenes	11.60	106	123439	38.685	ug/l	99
69) o-Xylene	11.92	106	58965	19.244	ug/l	99
70) Styrene	11.94	104	104837	18.501	ug/l	98
71) Bromoform	12.10	173	31427	19.978	ug/l #	98
73) Isopropylbenzene	12.23	105	157676	18.290	ug/l	100
74) N-amyl acetate	12.05	43	61984	20.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	59027	20.215	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	72238	29.521	ug/l #	100
77) Bromobenzene	12.50	156	45426	19.159	ug/l	98
78) n-propylbenzene	12.57	91	185249	18.852	ug/l	99
79) 2-Chlorotoluene	12.65	91	115691	18.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	132739	18.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	18553	20.823	ug/l	99
82) 4-Chlorotoluene	12.75	91	119800	19.036	ug/l	100
83) tert-Butylbenzene	12.97	119	112506	18.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	123400	17.774	ug/l	99
85) sec-Butylbenzene	13.15	105	147596	17.755	ug/l	99
86) p-Isopropyltoluene	13.26	119	121968	16.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79693	19.558	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	79523	19.228	ug/l	98
89) n-Butylbenzene	13.59	91	94906	15.829	ug/l	99
90) Hexachloroethane	13.85	117	26652	17.312	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	78115	19.846	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9773	22.510	ug/l	88

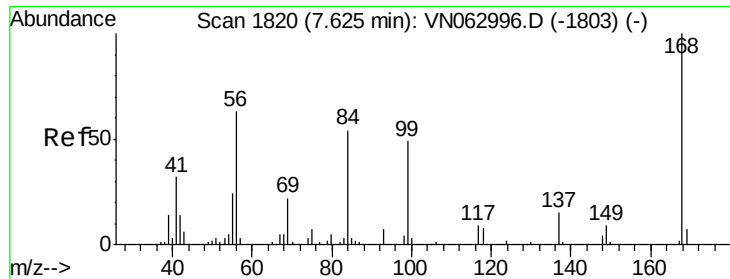
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31539	17.687	ug/l	98
94) Hexachlorobutadiene	14.99	225	22325	15.349	ug/l	98
95) Naphthalene	15.11	128	64475	17.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	29090	16.488	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

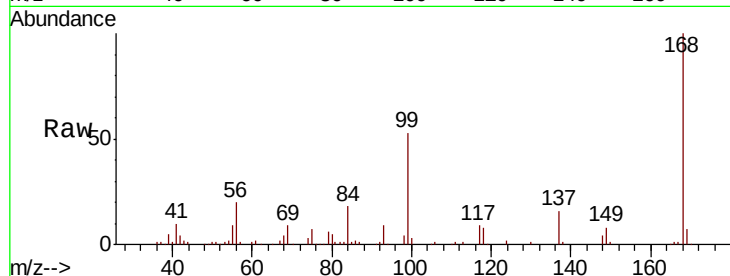
VN0825WBS01

Tot Ion:168 Resp: 171447

Ion Ratio Lower Upper

168 100

99 52.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

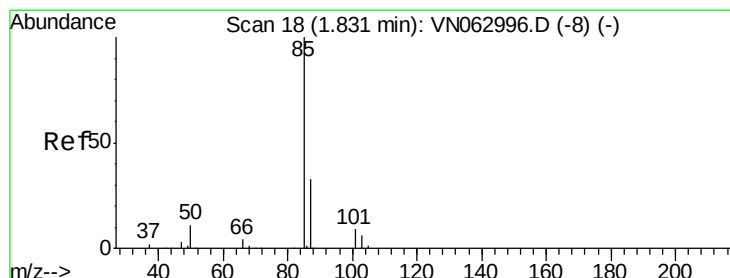
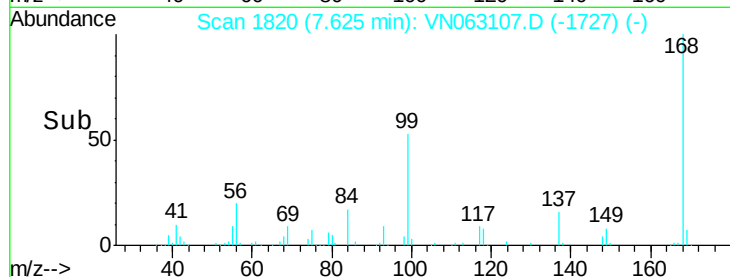
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.010 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN063107.D

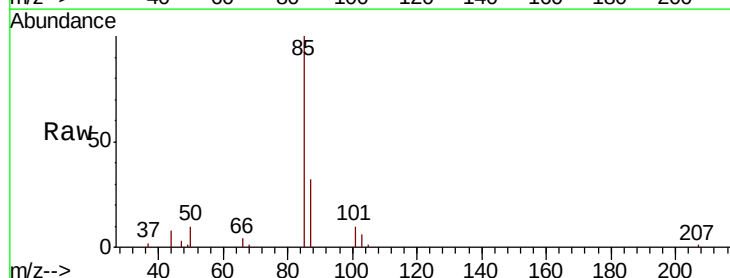
Acq: 25 Aug 2020 12:04

Tgt Ion: 85 Resp: 39943

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

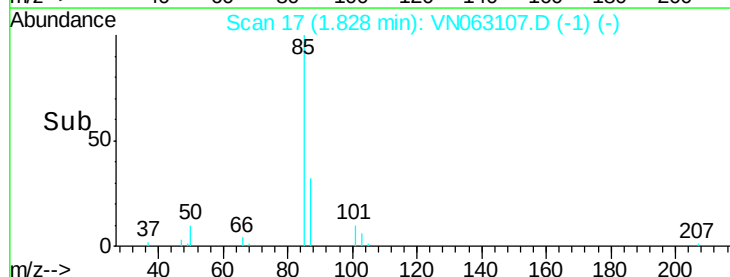
15000

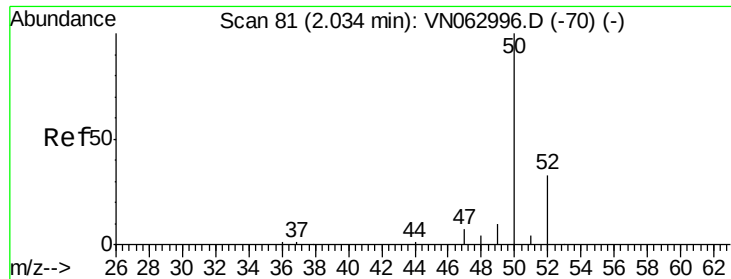
10000

5000

0

Time--> 1.75 1.80 1.85 1.90

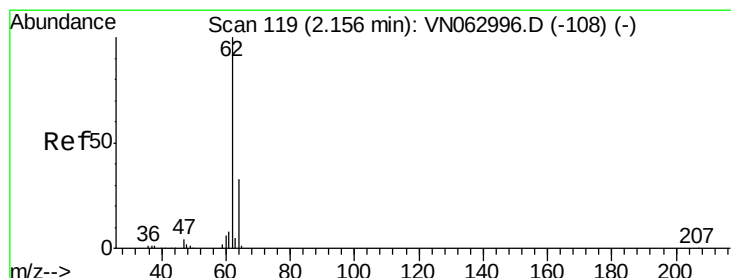
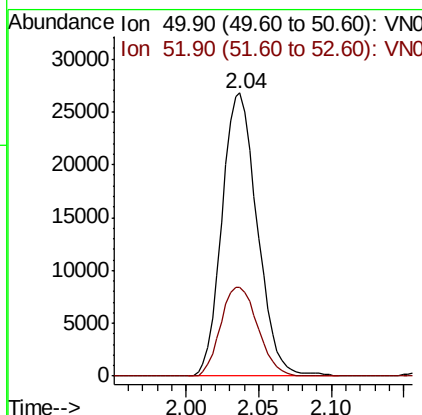
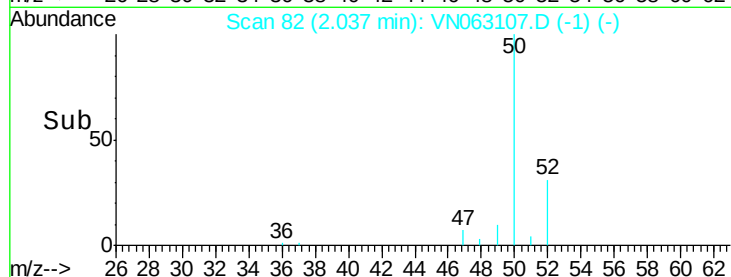
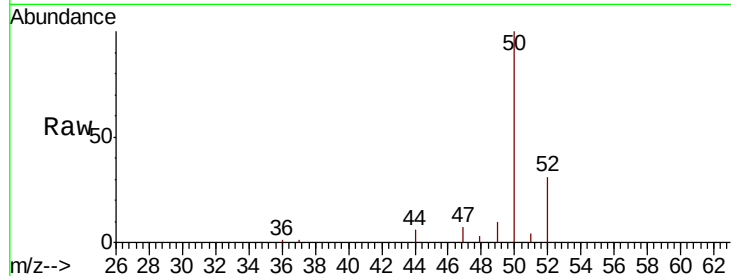




#3
Chloromethane
Concen: 19.278 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

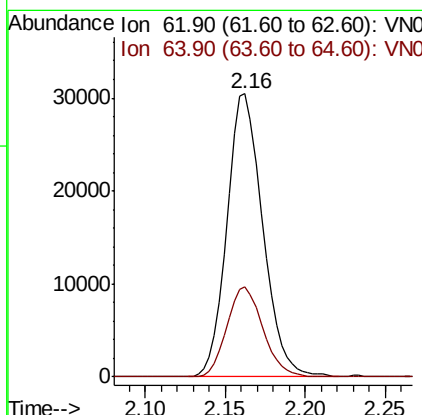
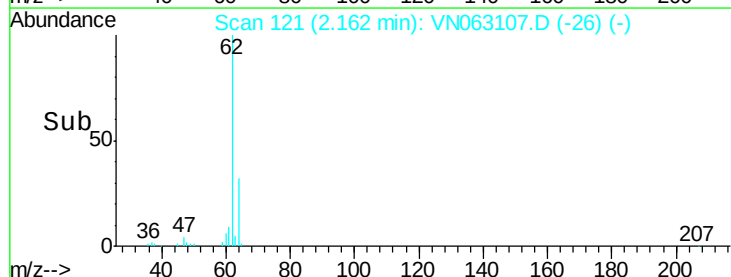
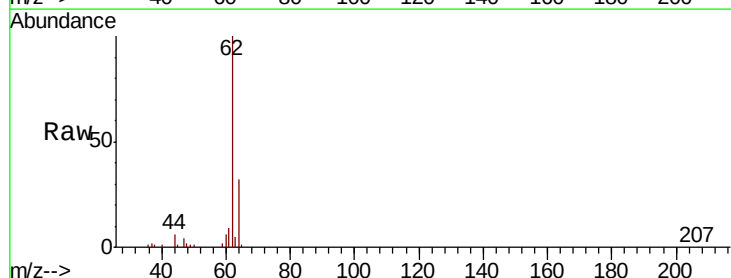
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

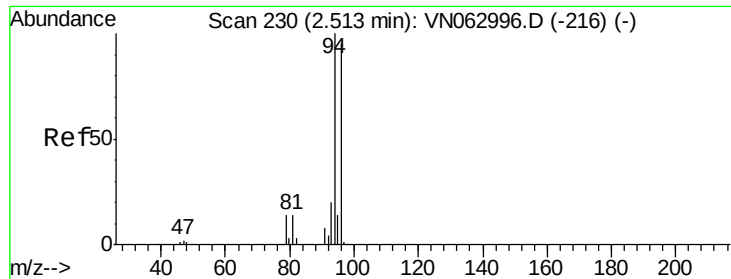
Tot Ion: 50 Resp: 45319
Ion Ratio Lower Upper
50 100
52 31.4 26.0 39.0



#4
Vinyl Chloride
Concen: 20.413 ug/l
RT: 2.16 min Scan# 121
Delta R.T. 0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 62 Resp: 46407
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5

Bromomethane

Concen: 14.739 ug/l

RT: 2.49 min Scan# 222

Delta R.T. -0.03 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

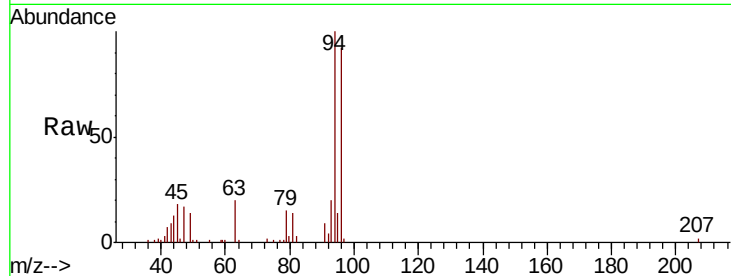
VN0825WBS01

Tot Ion: 94 Resp: 19888

Ion Ratio Lower Upper

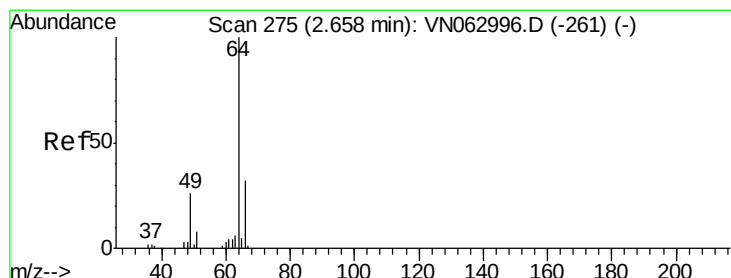
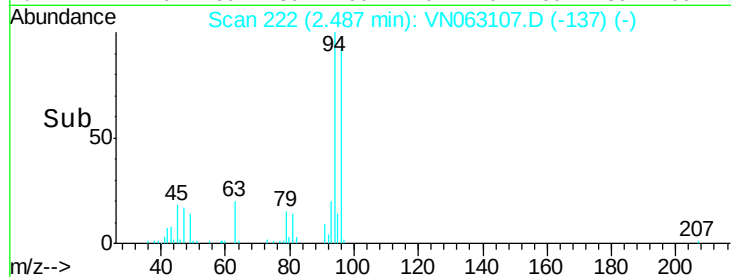
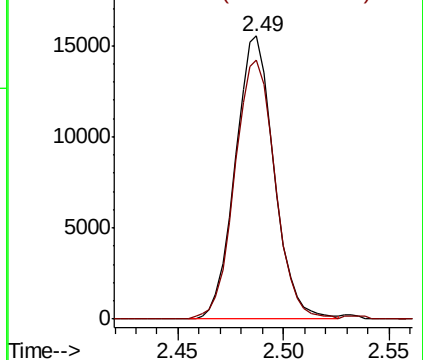
94 100

96 91.6 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.392 ug/l

RT: 2.60 min Scan# 258

Delta R.T. -0.05 min

Lab File: VN063107.D

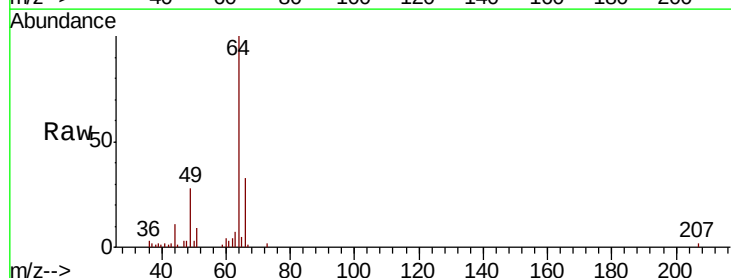
Acq: 25 Aug 2020 12:04

Tgt Ion: 64 Resp: 28713

Ion Ratio Lower Upper

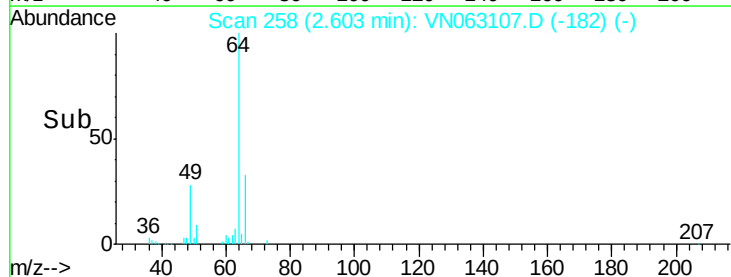
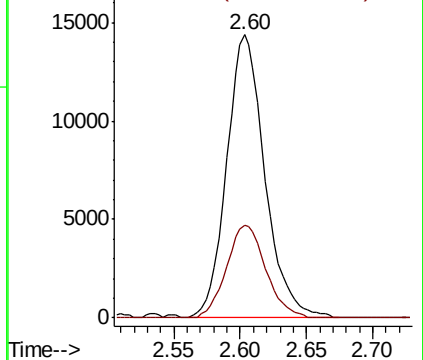
64 100

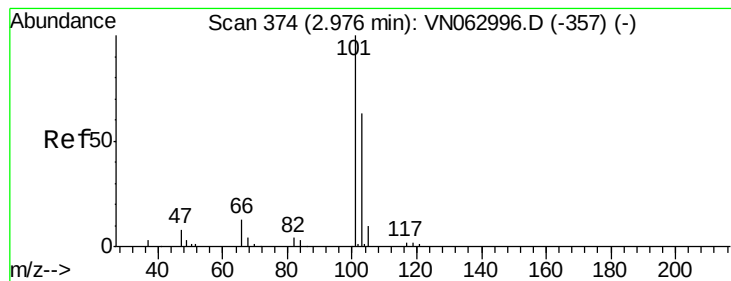
66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



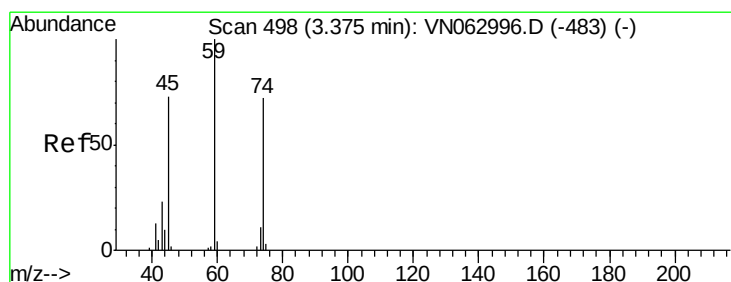
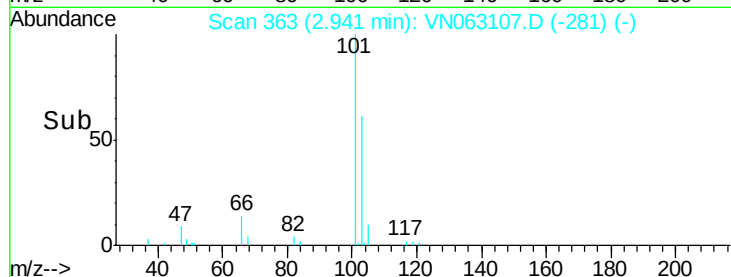
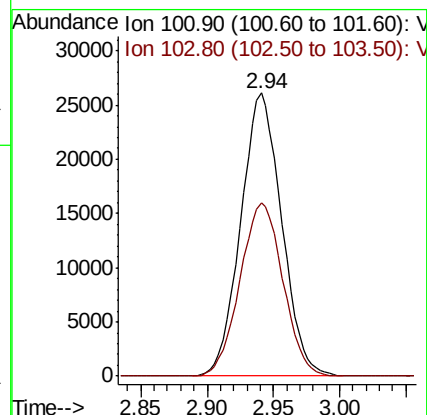
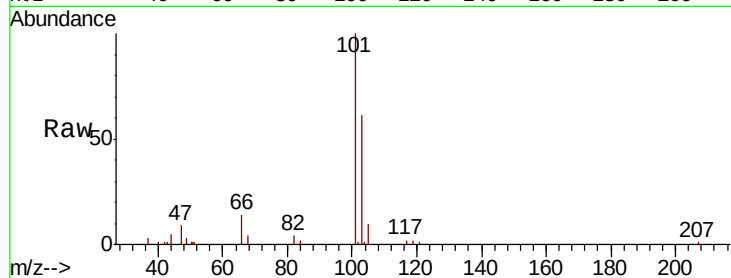


#7

Trichlorofluoromethane
 Concen: 19.737 ug/l
 RT: 2.94 min Scan# 363
 Delta R.T. -0.04 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
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 VN0825WBS01

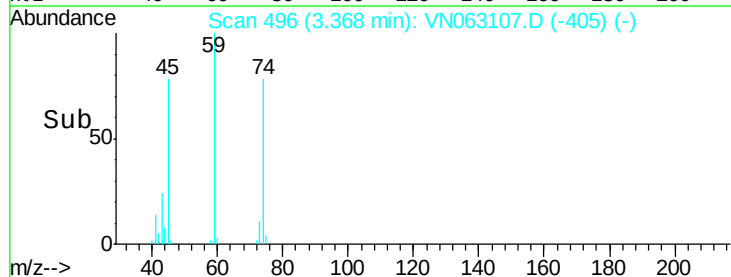
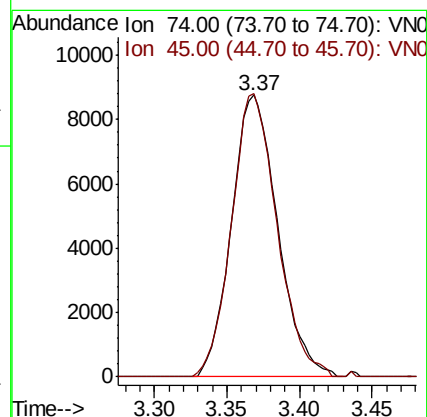
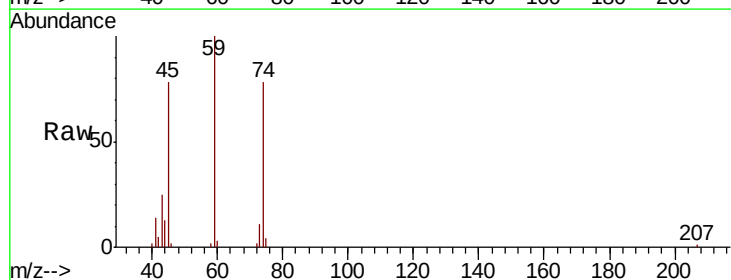
Tot Ion:101 Resp: 55957
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.5 75.7

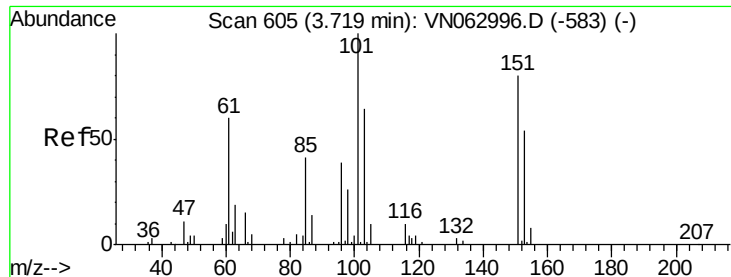


#8

Diethyl Ether
 Concen: 19.308 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion: 74 Resp: 19365
 Ion Ratio Lower Upper
 74 100
 45 99.1 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.040 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.02 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

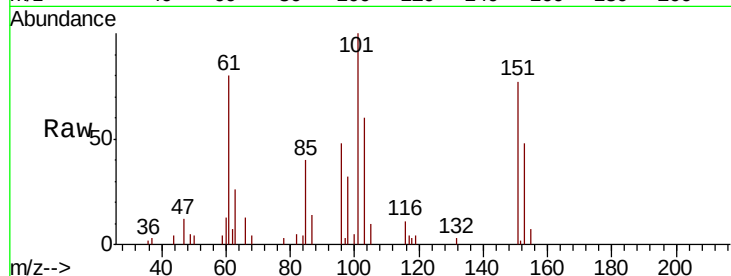
Tot Ion:101 Resp: 27559

Ion Ratio Lower Upper

101 100

85 43.2 34.0 51.0

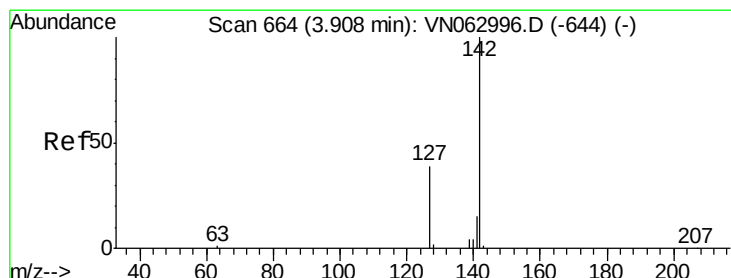
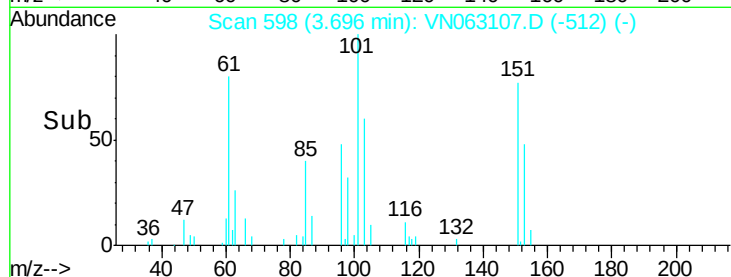
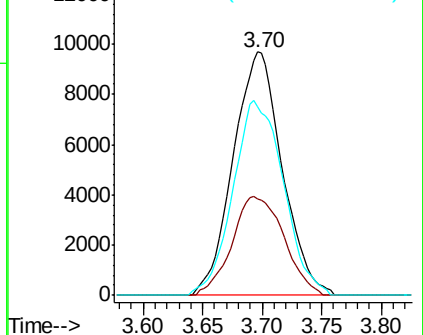
151 82.6 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.344 ug/l

RT: 3.89 min Scan# 659

Delta R.T. -0.02 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

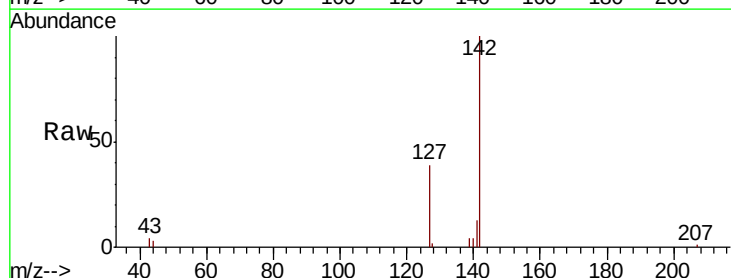
Tgt Ion:142 Resp: 33584

Ion Ratio Lower Upper

142 100

127 39.2 32.2 48.4

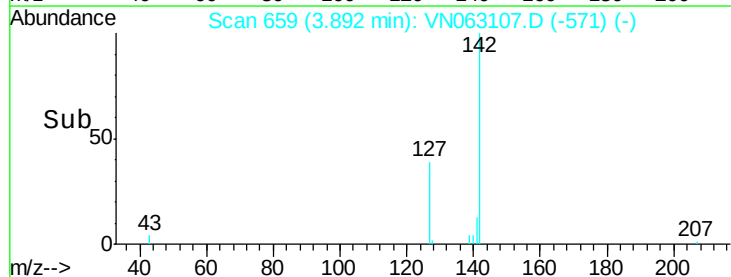
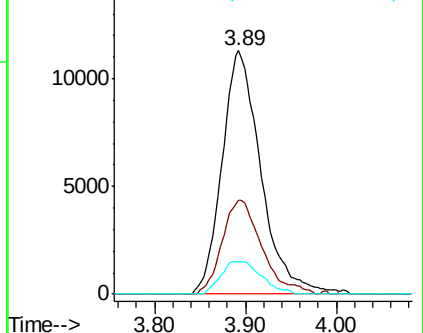
141 6.4 11.3 16.9#

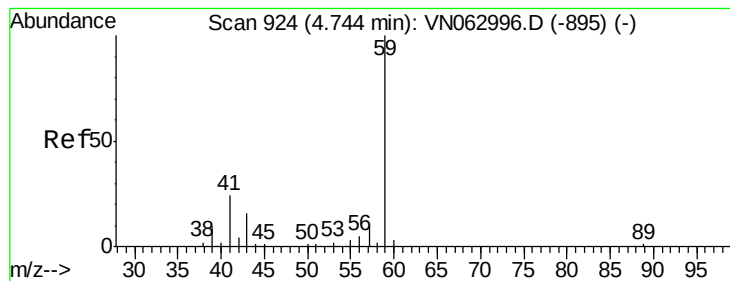


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 67.494 ug/l

RT: 4.76 min Scan# 930

Delta R.T. 0.02 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

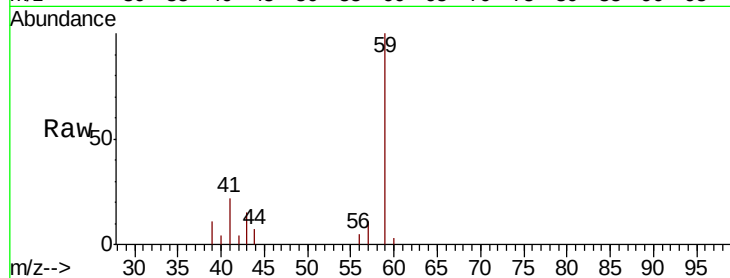
VN0825WBS01

Tot Ion: 59 Resp: 19426

Ion Ratio Lower Upper

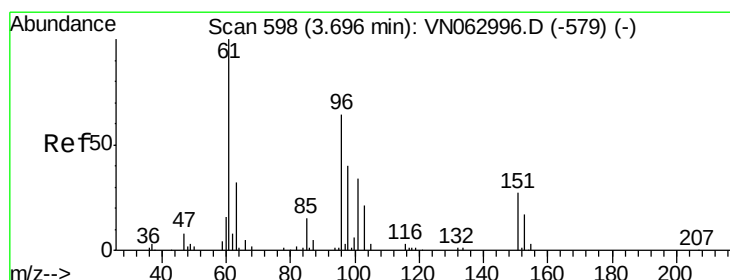
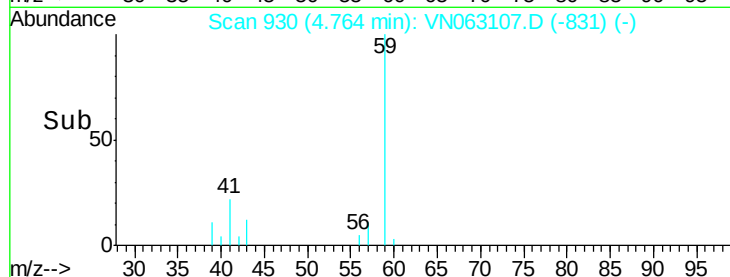
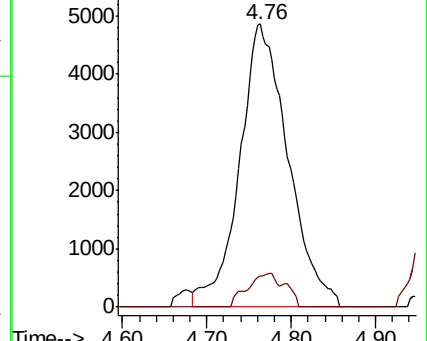
59 100

57 7.3 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 16.757 ug/l

RT: 3.67 min Scan# 591

Delta R.T. -0.02 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

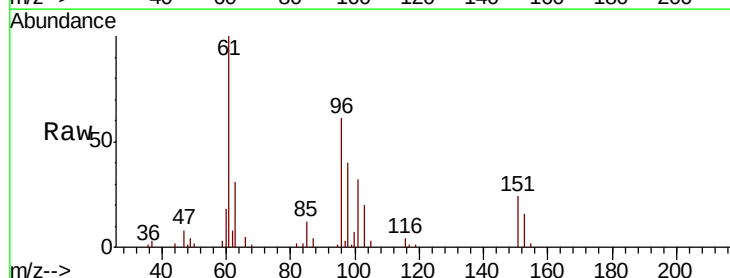
Tgt Ion: 96 Resp: 24387

Ion Ratio Lower Upper

96 100

61 163.3 125.5 188.3

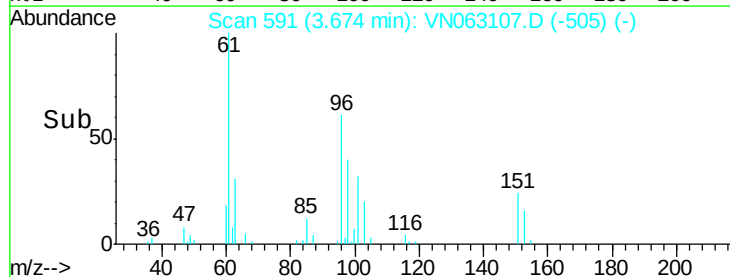
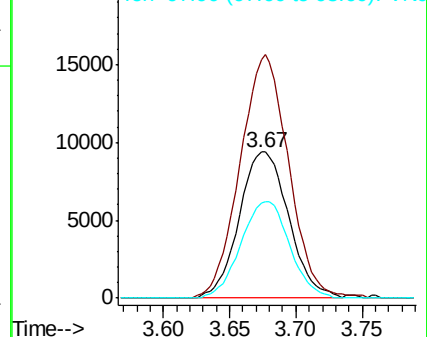
98 65.4 50.4 75.6

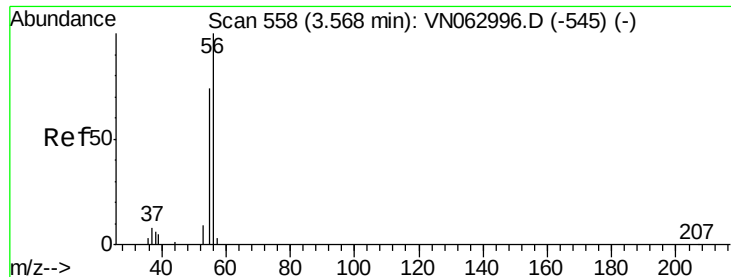


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 8.240 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

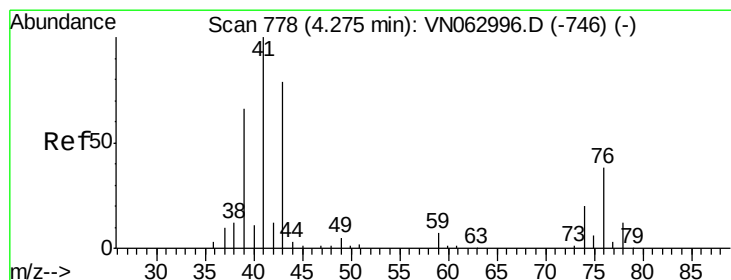
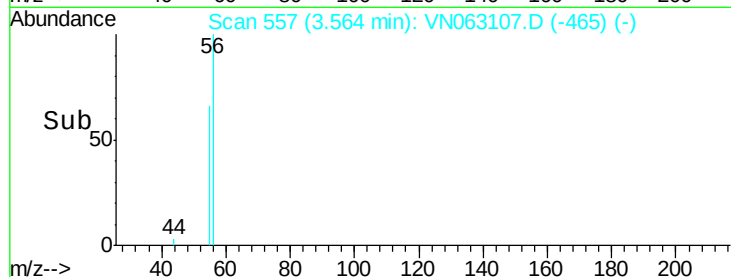
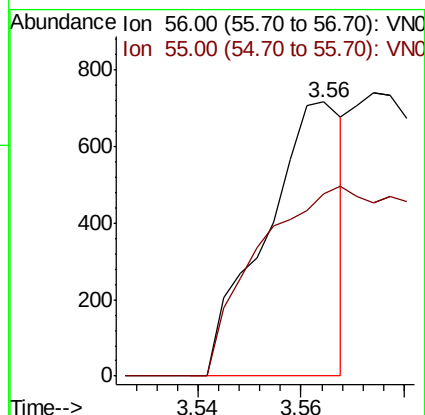
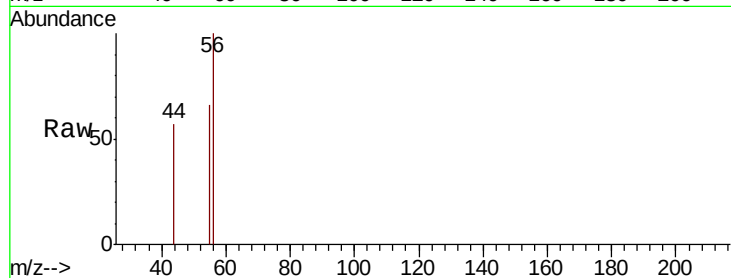
VN0825WBS01

Tot Ion: 56 Resp: 743

Ion Ratio Lower Upper

56 100

55 165.8 58.4 87.6#



#14

Allyl chloride

Concen: 17.151 ug/l

RT: 4.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

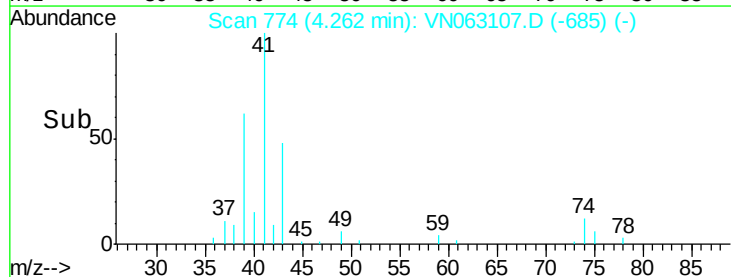
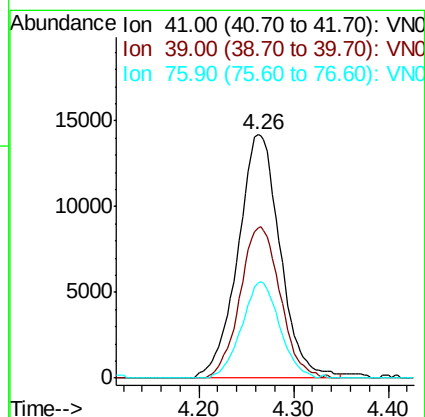
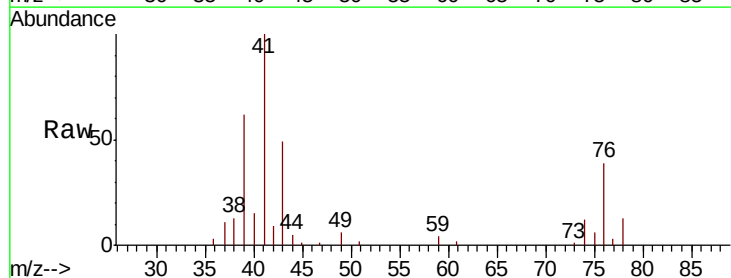
Tgt Ion: 41 Resp: 44008

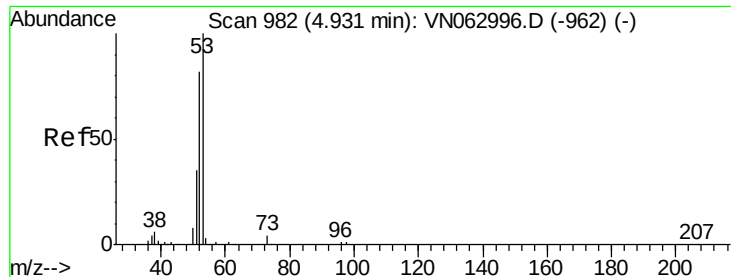
Ion Ratio Lower Upper

41 100

39 59.1 47.9 71.9

76 35.5 27.0 40.6





#15

Acrylonitrile

Concen: 99.109 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

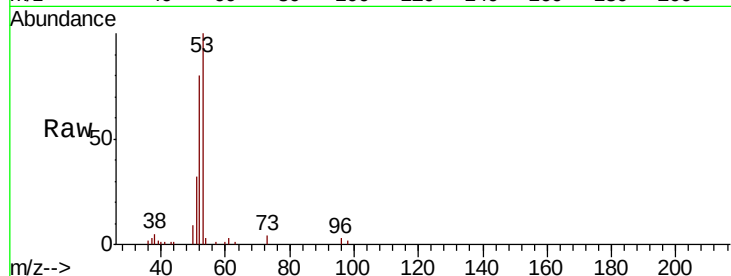
Tot Ion: 53 Resp: 83842

Ion Ratio Lower Upper

53 100

52 80.2 65.6 98.4

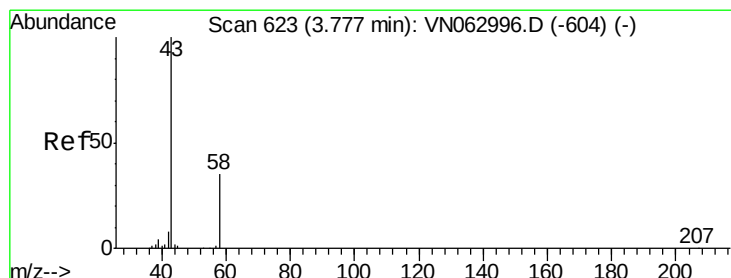
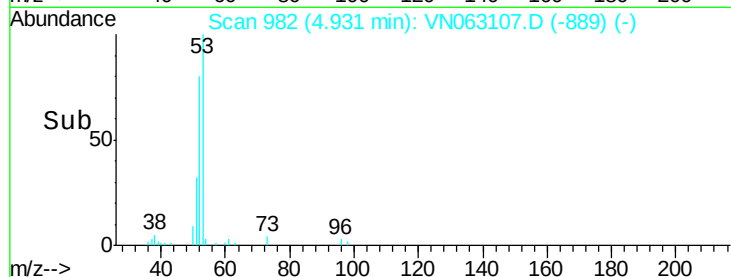
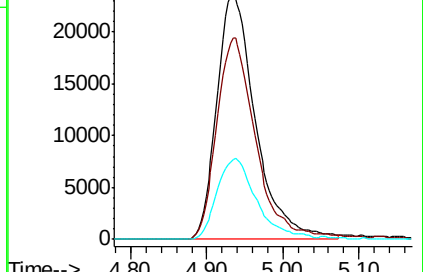
51 33.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN063107.D (-889) (-)

Ion 52.00 (51.70 to 52.70): VN063107.D (-889) (-)

Ion 51.00 (50.70 to 51.70): VN063107.D (-889) (-)



#16

Acetone

Concen: 101.285 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063107.D

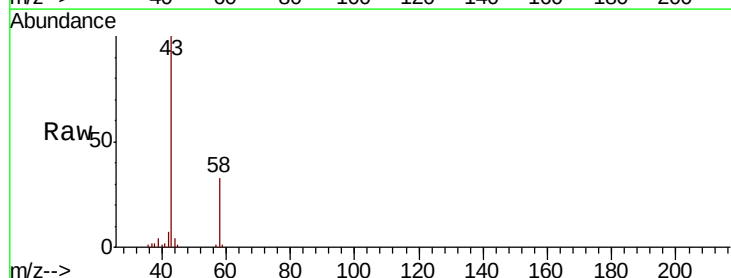
Acq: 25 Aug 2020 12:04

Tgt Ion: 43 Resp: 65657

Ion Ratio Lower Upper

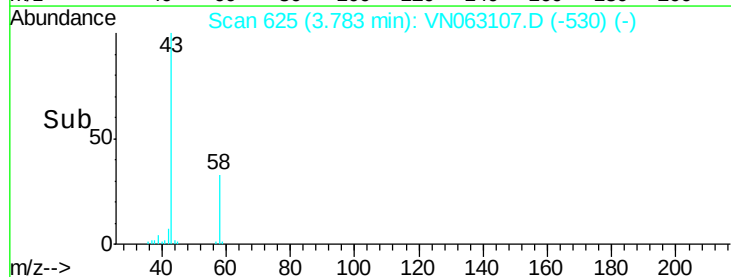
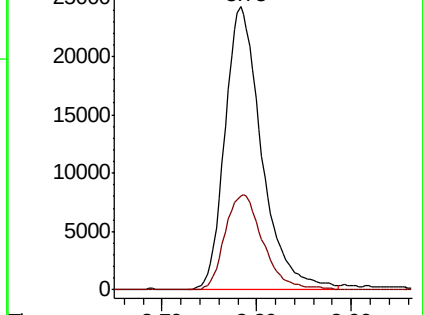
43 100

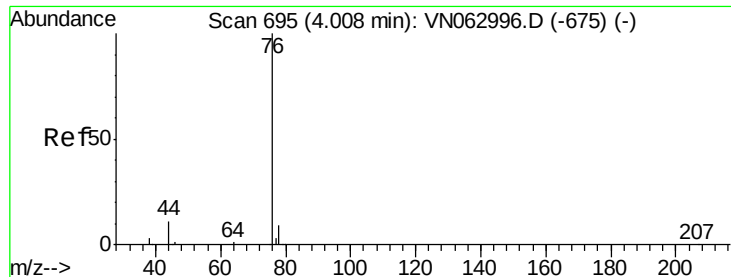
58 33.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN063107.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN063107.D (-530) (-)





#17

Carbon Disulfide

Concen: 15.821 ug/l

RT: 3.99 min Scan# 689

Delta R.T. -0.02 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

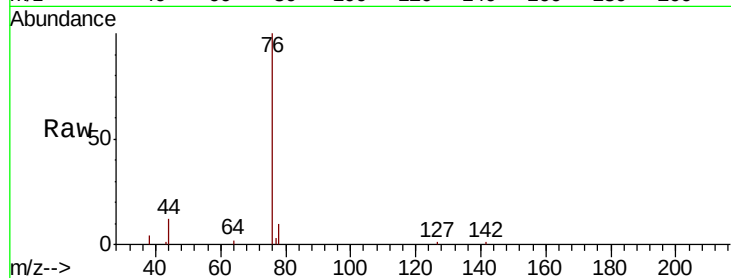
VN0825WBS01

Tot Ion: 76 Resp: 60297

Ion Ratio Lower Upper

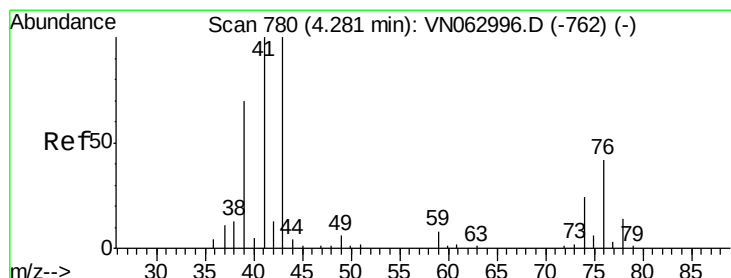
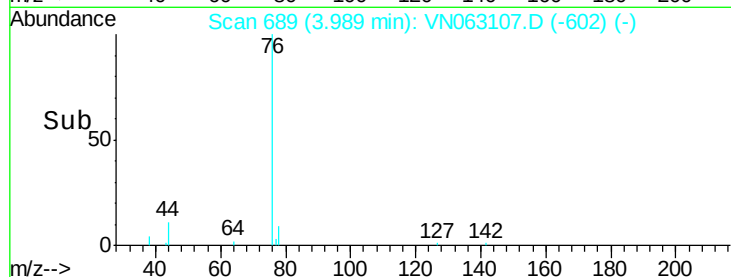
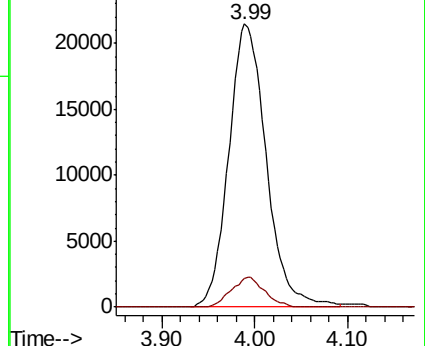
76 100

78 10.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.593 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN063107.D

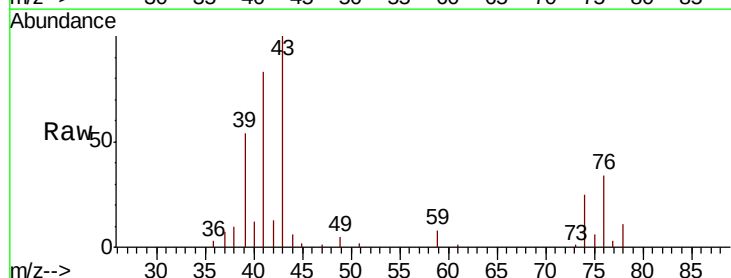
Acq: 25 Aug 2020 12:04

Tgt Ion: 43 Resp: 39564

Ion Ratio Lower Upper

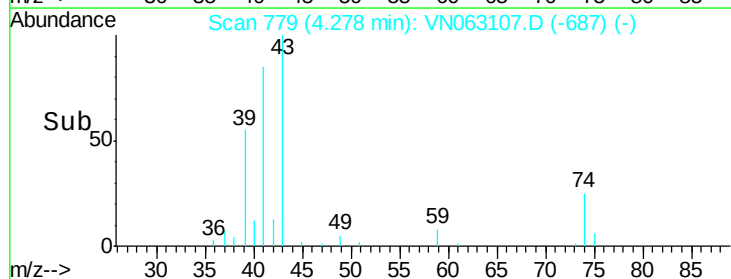
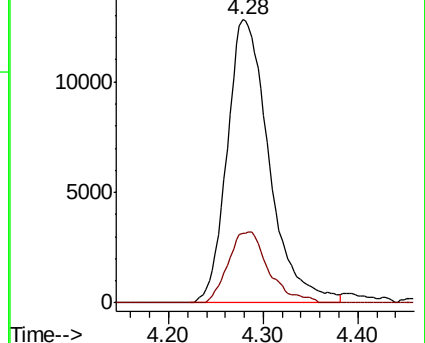
43 100

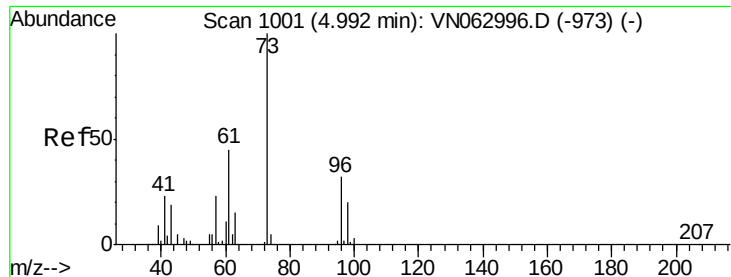
74 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

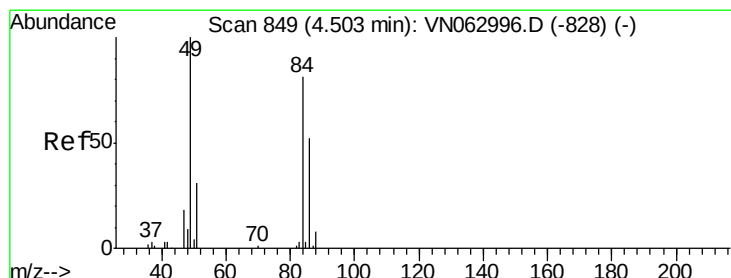
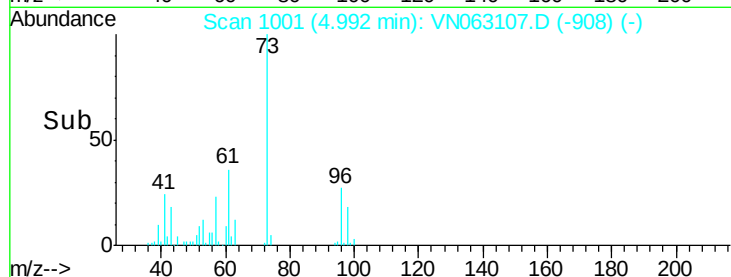
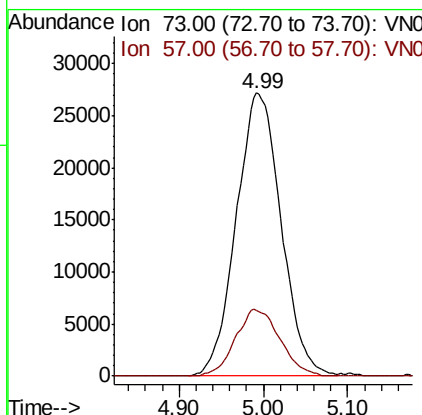
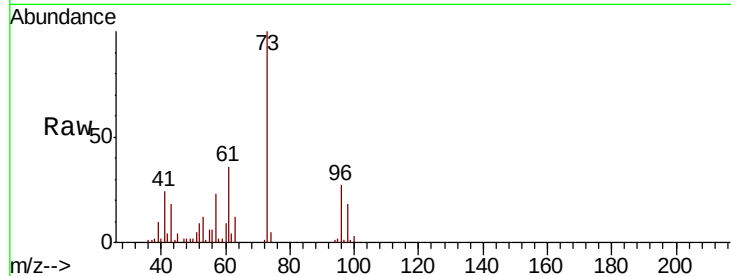




#19
Methvl tert-butvl Ether
Concen: 19.812 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

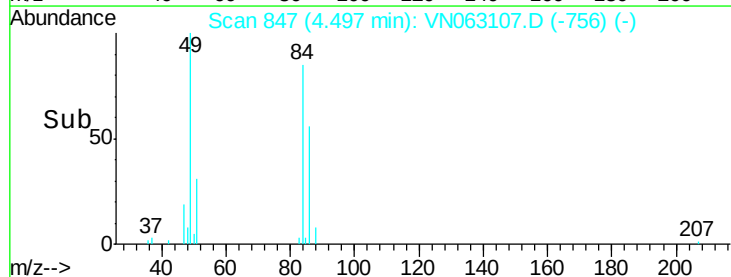
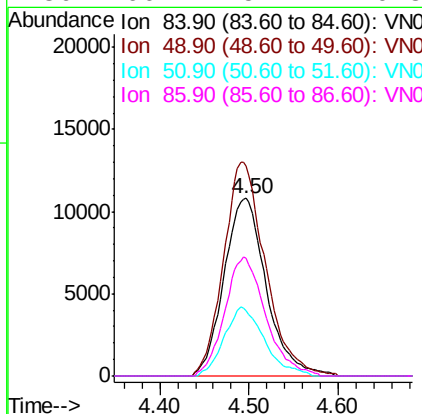
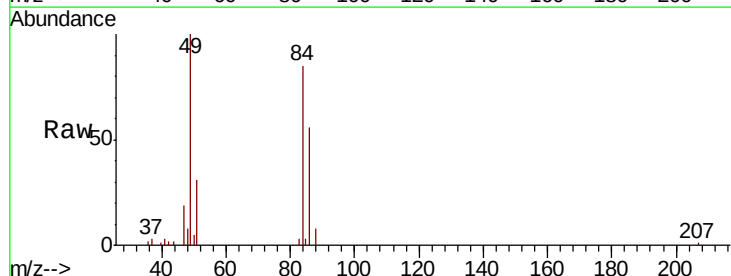
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

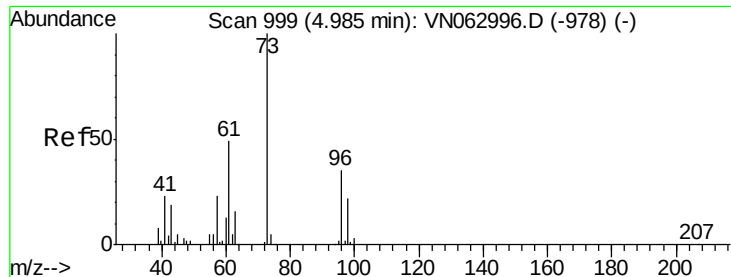
Tot Ion: 73 Resp: 100550
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1



#20
Methylene Chloride
Concen: 18.999 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 84 Resp: 35521
Ion Ratio Lower Upper
84 100
49 118.0 98.7 148.1
51 36.8 30.8 46.2
86 66.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.569 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

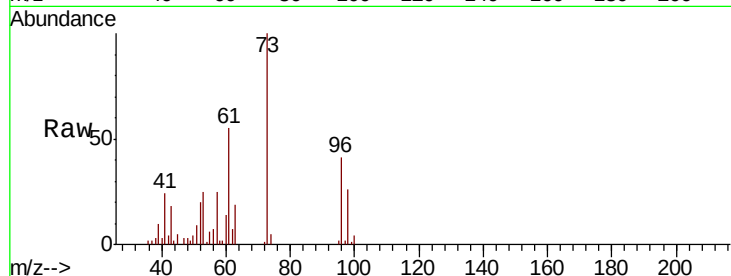
Tot Ion: 96 Resp: 28281

Ion Ratio Lower Upper

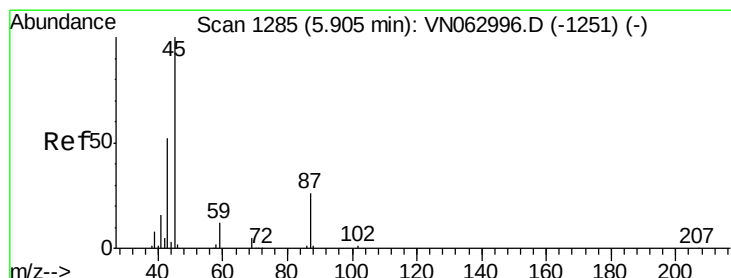
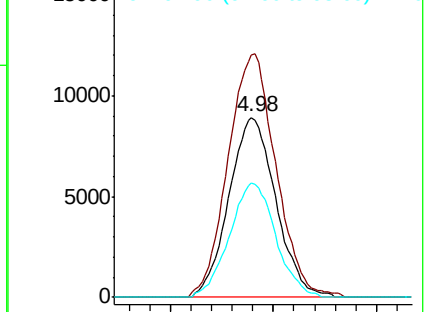
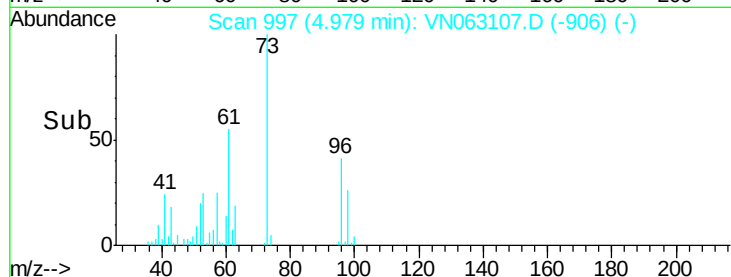
96 100

61 134.7 112.5 168.7

98 63.7 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN063107.D (-906) (-)



#22

Diisopropyl ether

Concen: 19.428 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion: 45 Resp: 113128

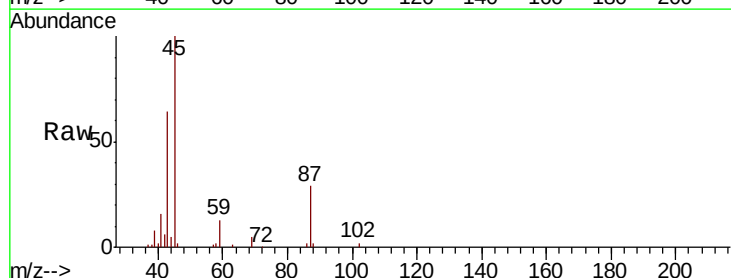
Ion Ratio Lower Upper

45 100

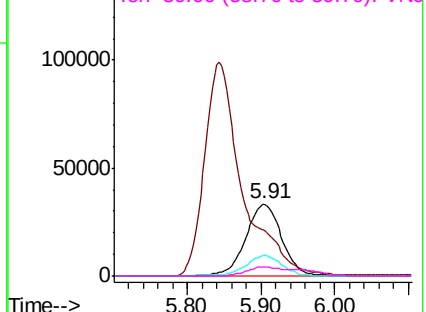
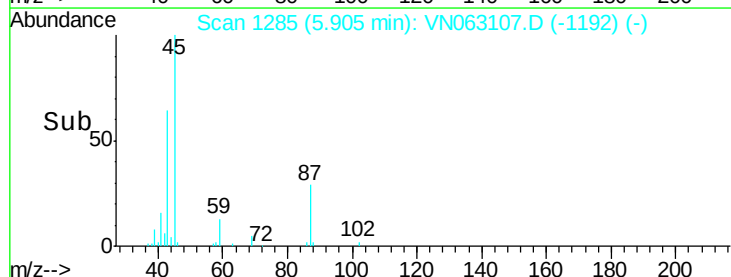
43 61.0 45.7 68.5

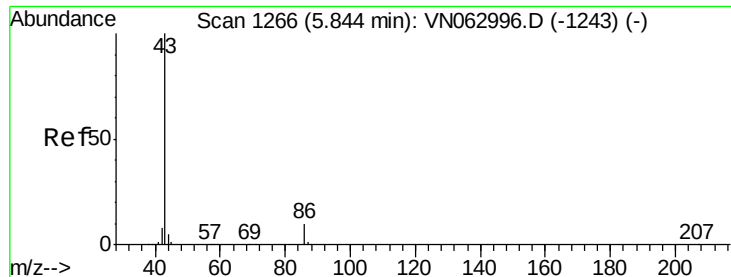
87 29.4 21.8 32.6

59 12.6 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN063107.D (-1192) (-)





#23

Vinyl Acetate

Concen: 90.034 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

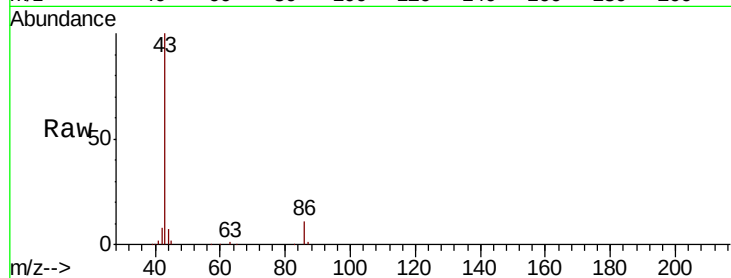
VN0825WBS01

Tot Ion: 43 Resp: 353774

Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

100000

80000

60000

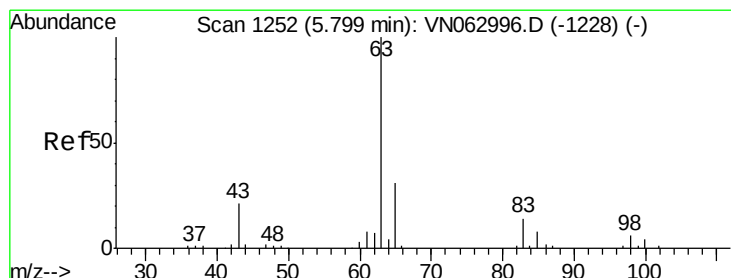
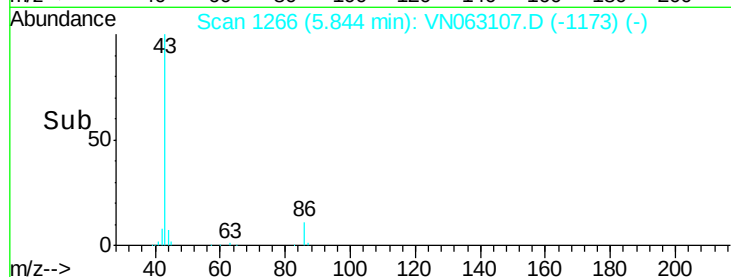
40000

20000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.001 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

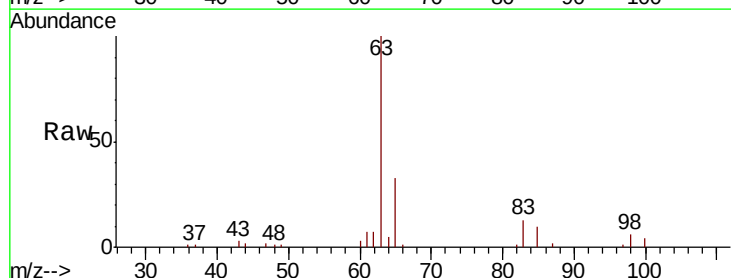
Tgt Ion: 63 Resp: 61828

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.79

25000

20000

15000

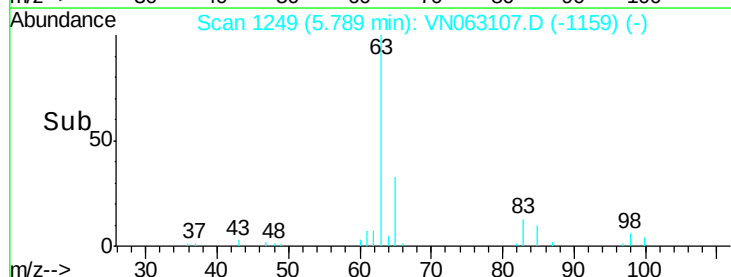
10000

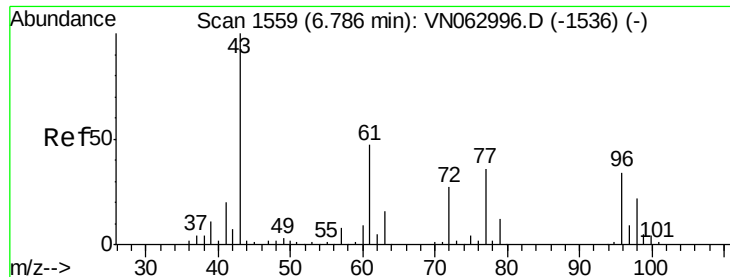
5000

0

5.70 5.80 5.90

Time-->

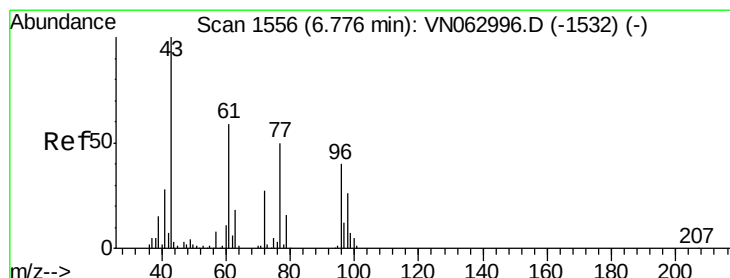
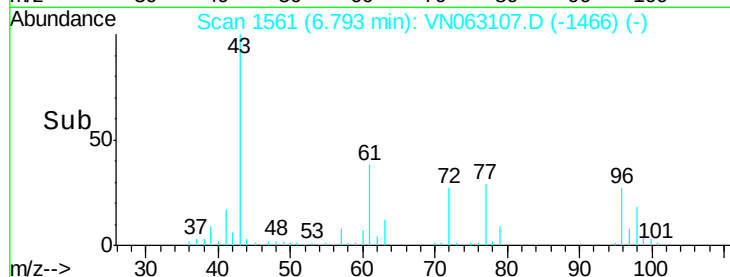
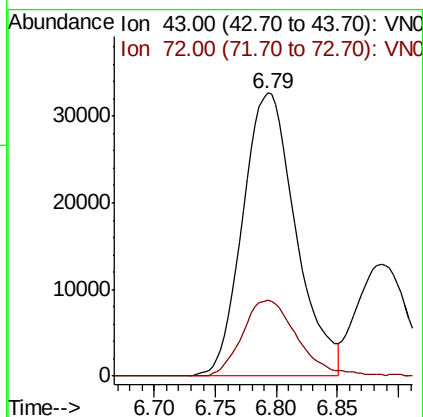
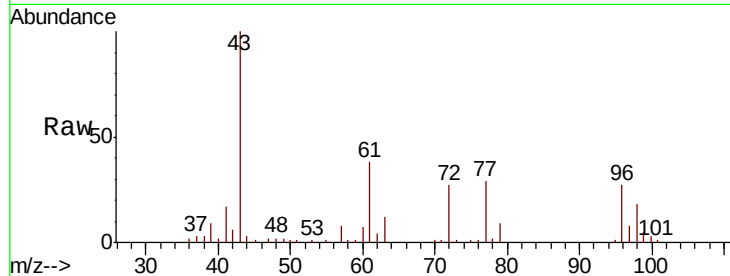




#25
2-Butanone
Concen: 91.418 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

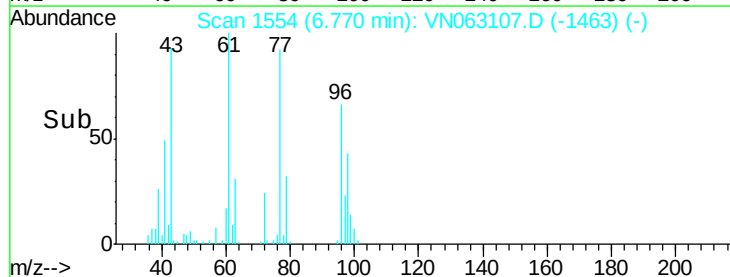
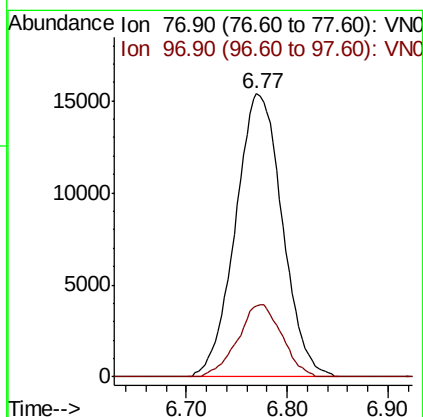
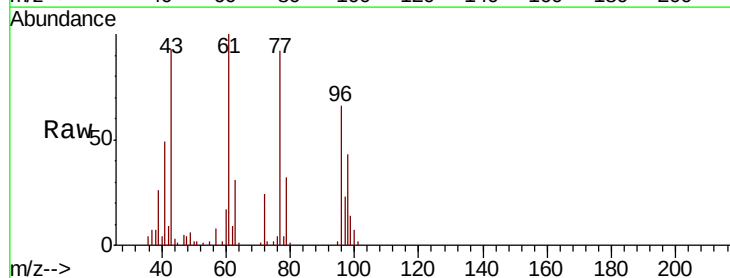
Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

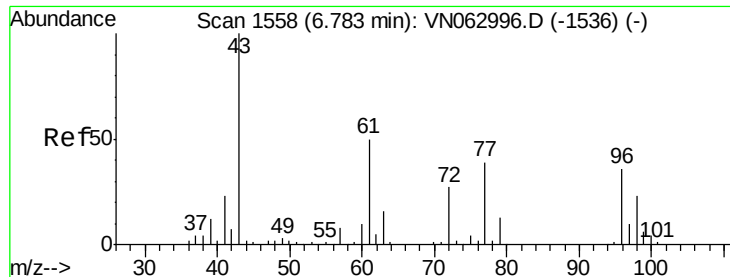
Tot Ion: 43 Resp: 98620
Ion Ratio Lower Upper
43 100
72 26.8 21.8 32.6



#26
2,2-Dichloropropane
Concen: 19.373 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 77 Resp: 49575
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.449 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

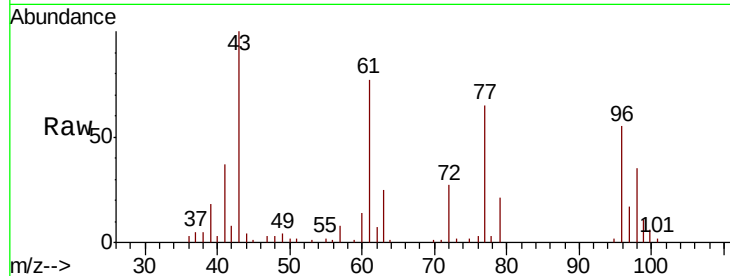
Tot Ion: 96 Resp: 35218

Ion Ratio Lower Upper

96 100

61 148.4 0.0 292.8

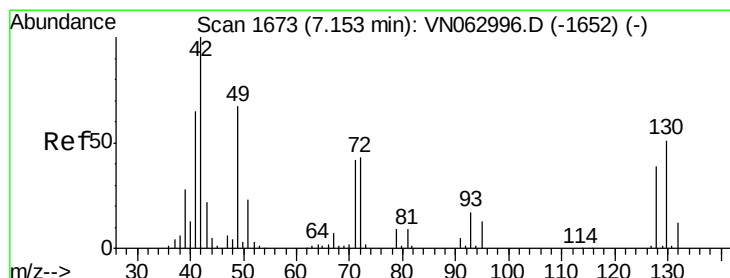
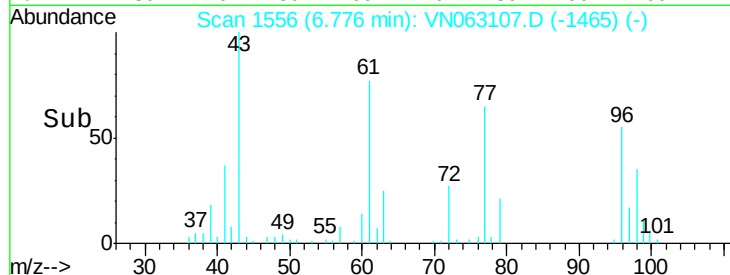
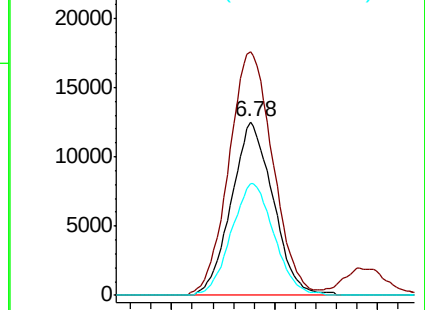
98 65.8 0.0 130.6



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: 19.562 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

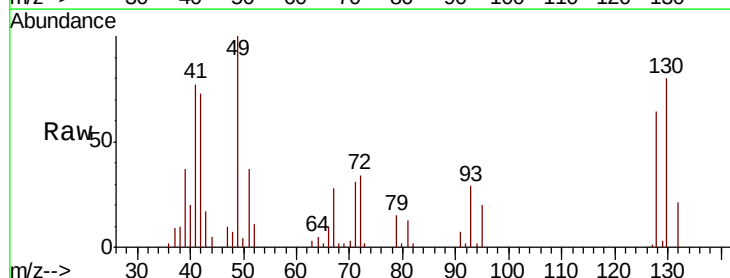
Tgt Ion: 49 Resp: 33305

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

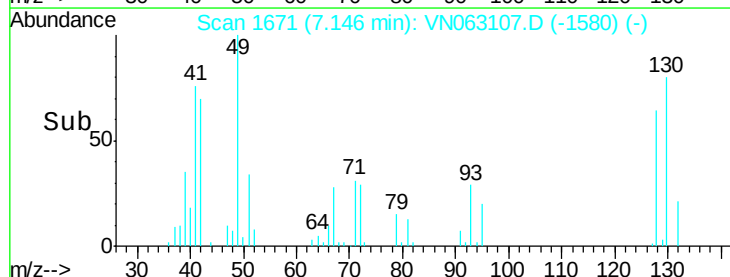
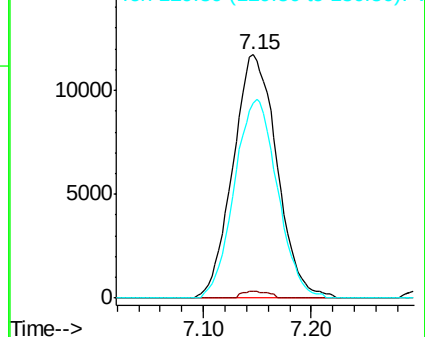
130 79.7 61.1 91.7

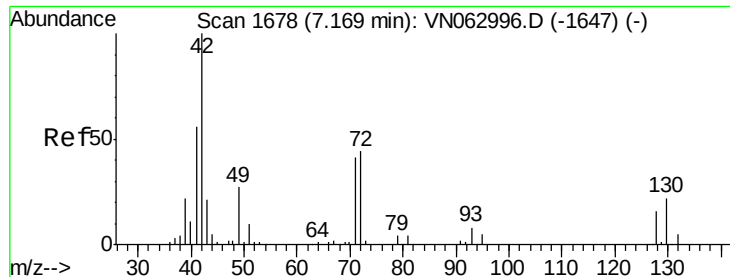


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

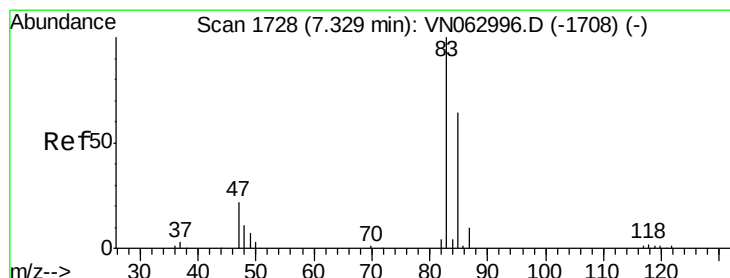
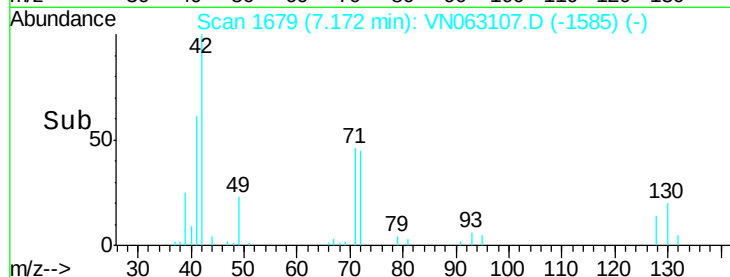
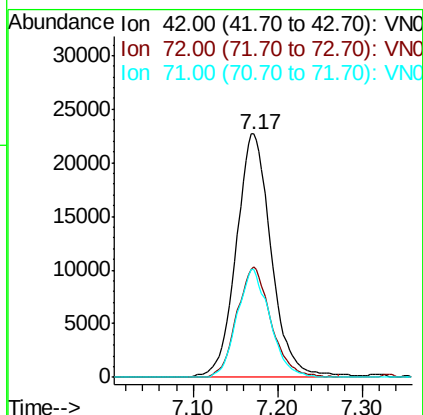
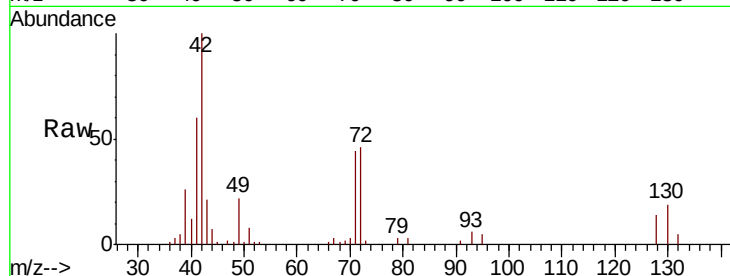




#29
Tetrahydrofuran
Concen: 94.095 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

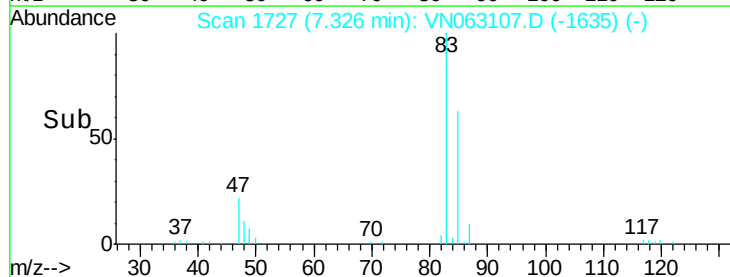
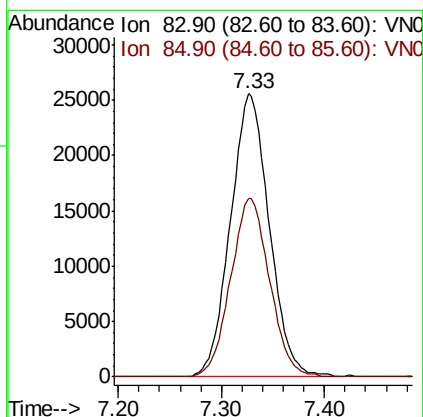
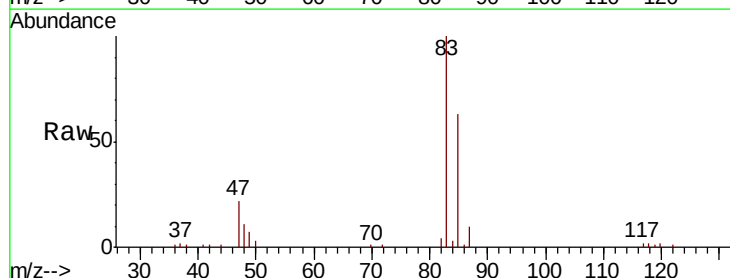
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

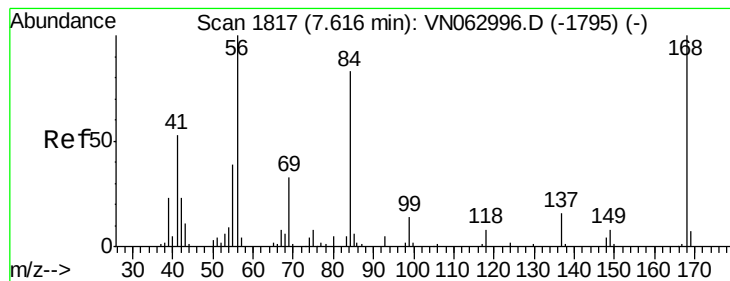
Tot Ion: 42 Resp: 65513
Ion Ratio Lower Upper
42 100
72 44.1 34.6 52.0
71 41.7 32.3 48.5



#30
Chloroform
Concen: 20.443 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 83 Resp: 66994
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3





#31

Cyclohexane

Concen: 17.874 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0825WBS01

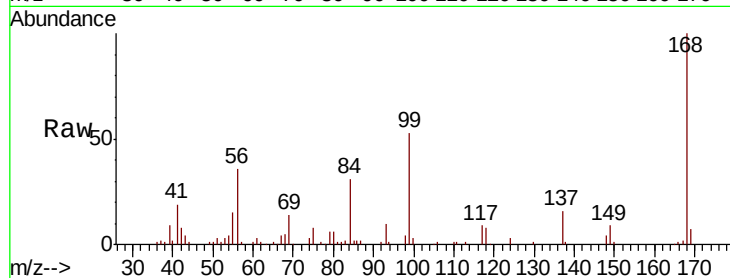
Tot Ion: 56 Resp: 53530

Ion Ratio Lower Upper

56 100

69 38.3 26.6 40.0

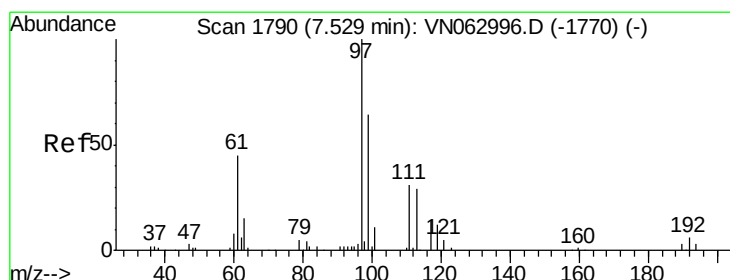
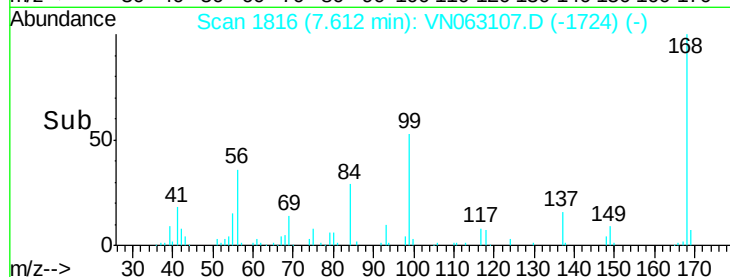
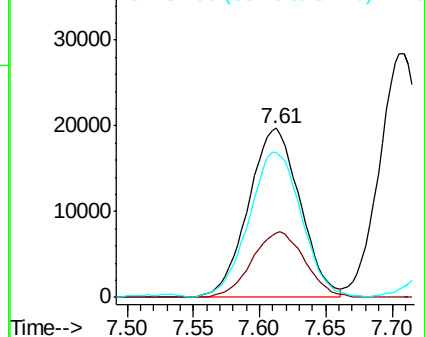
84 85.6 66.4 99.6



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: 19.599 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

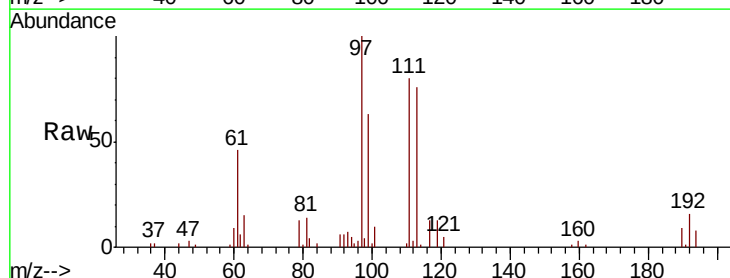
Tgt Ion: 97 Resp: 52435

Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

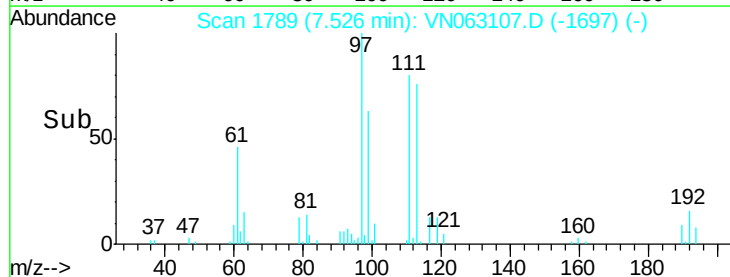
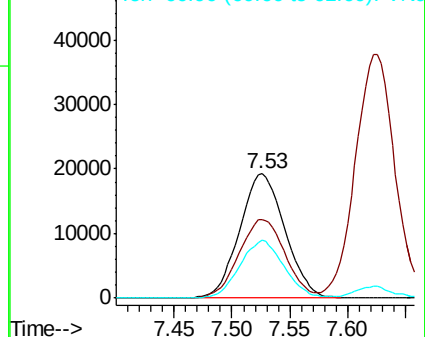
61 45.2 36.2 54.4

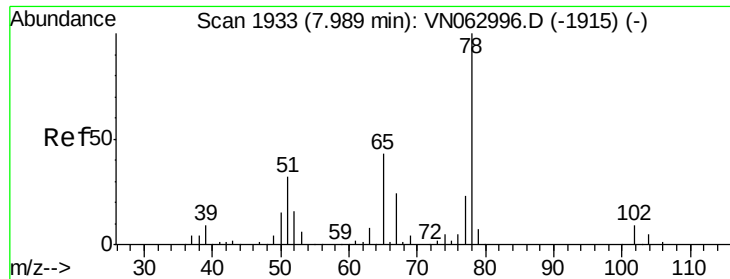


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

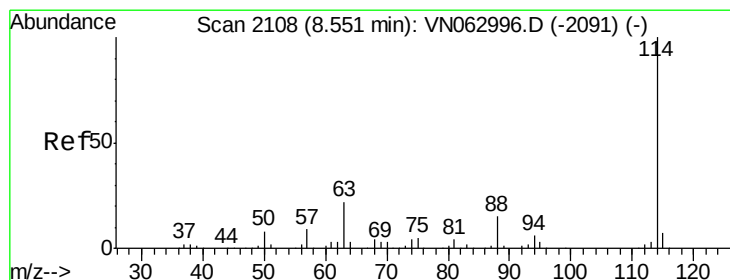
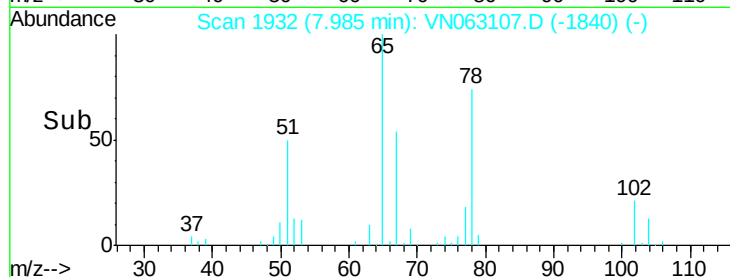
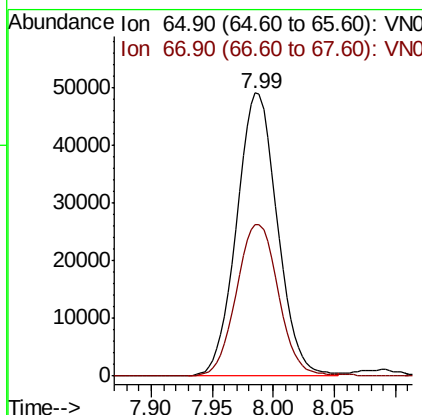
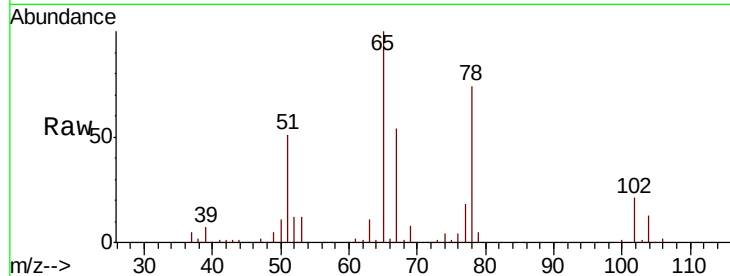




#33
 1,2-Dichloroethane-d4
 Concen: 55.949 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

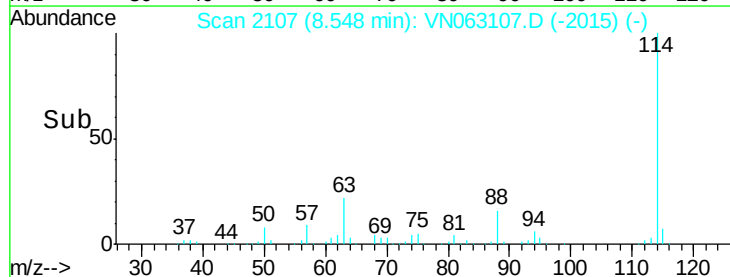
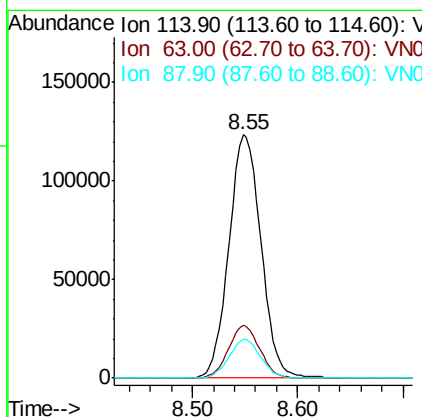
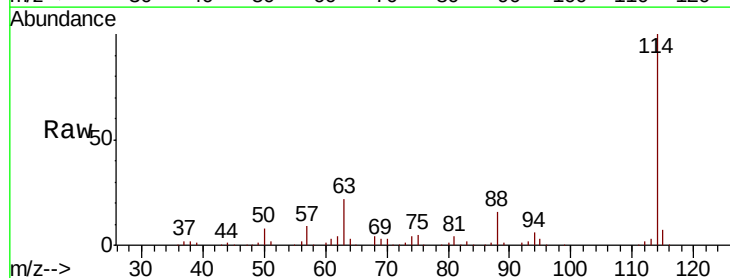
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

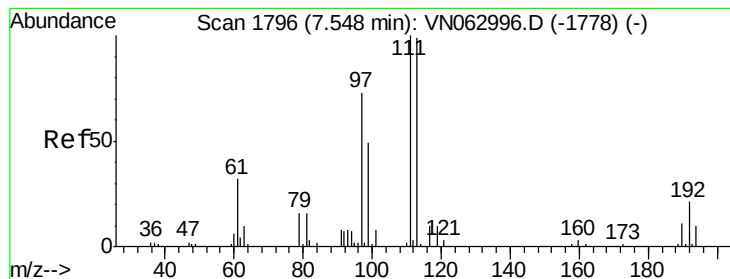
Tot Ion: 65 Resp: 113687
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion: 114 Resp: 260662
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.761 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

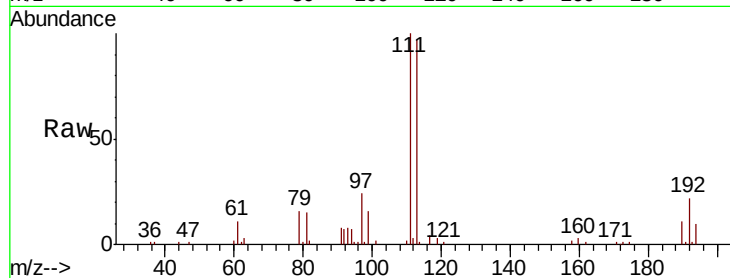
Tot Ion:113 Resp: 93010

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

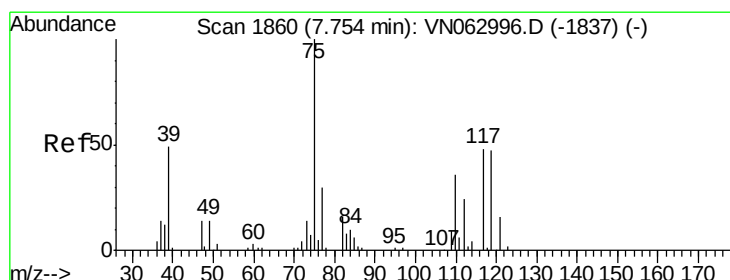
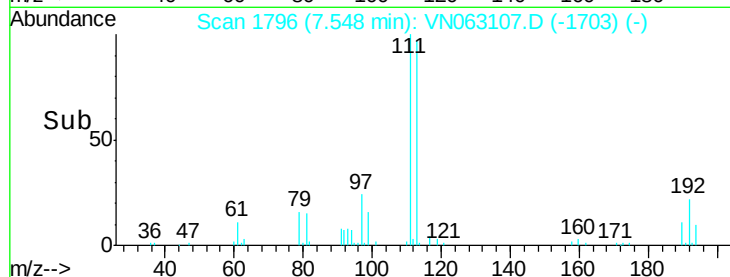
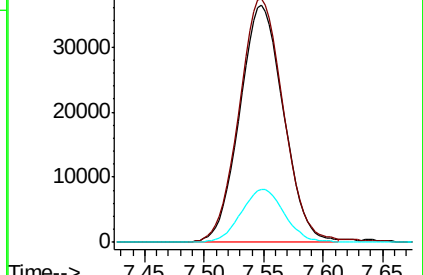
192 22.1 17.5 26.3



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: 17.792 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

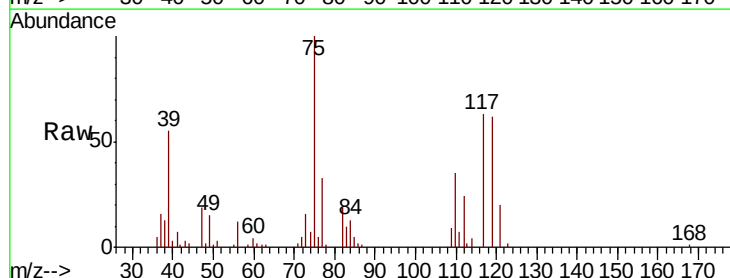
Tgt Ion: 75 Resp: 40870

Ion Ratio Lower Upper

75 100

110 34.7 17.5 52.6

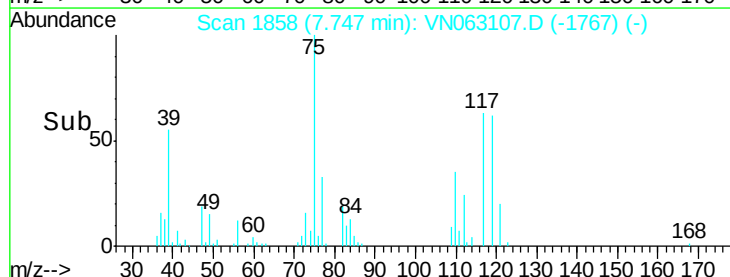
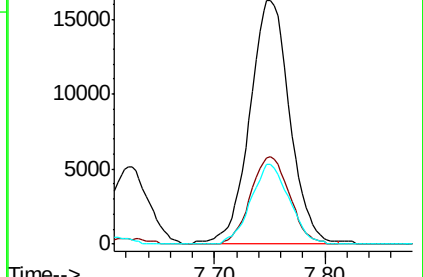
77 31.4 24.2 36.4

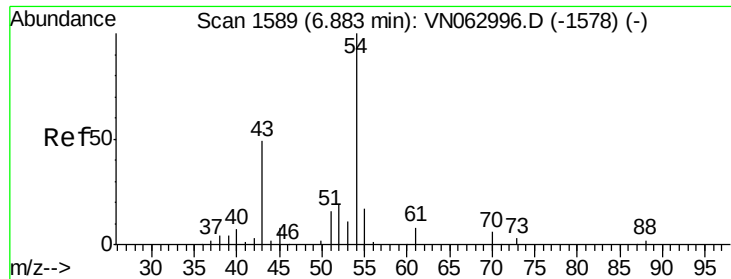


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

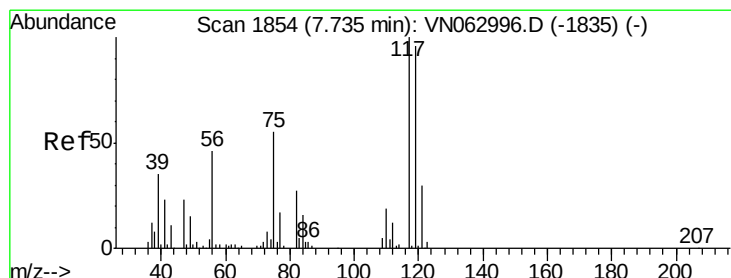
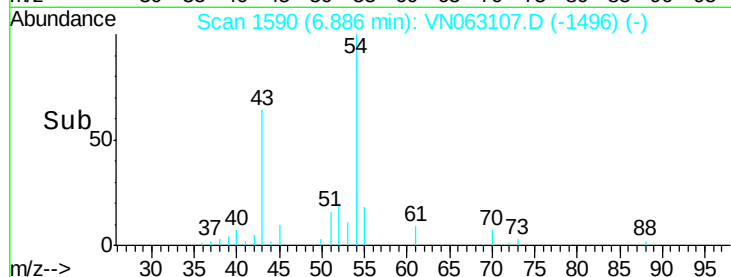
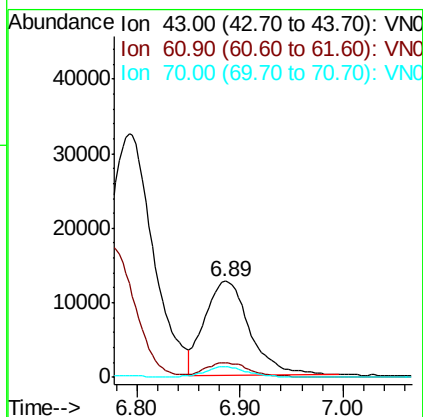
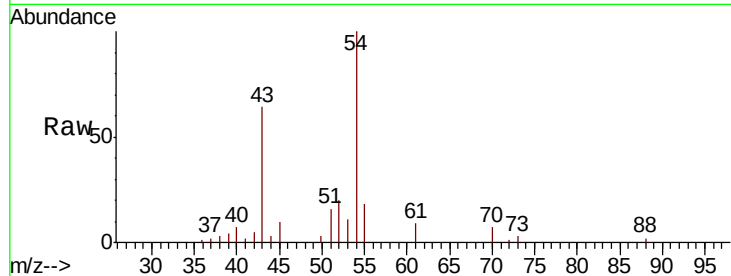




#37
Ethyl Acetate
Concen: 18.008 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

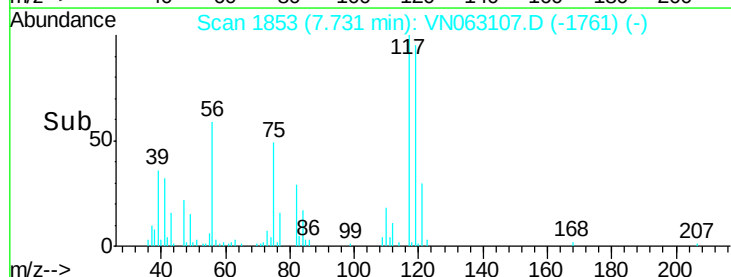
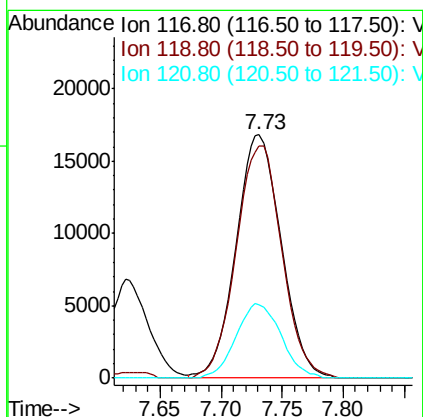
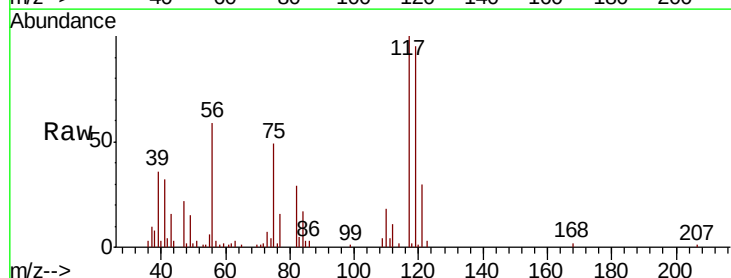
Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

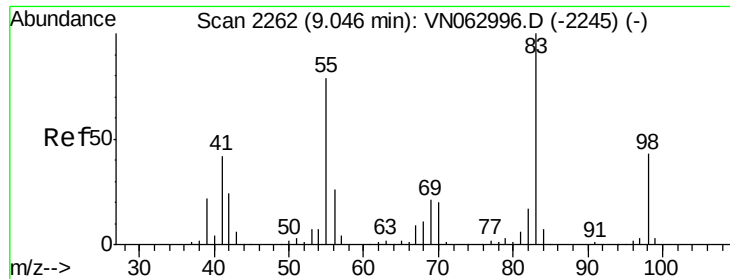
Tot Ion: 43 Resp: 38760
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 10.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 18.633 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 117 Resp: 43211
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 30.3 24.2 36.2

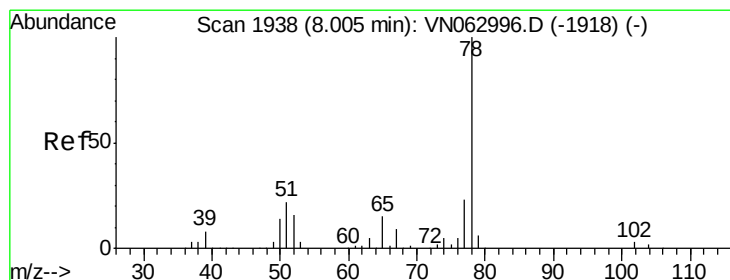
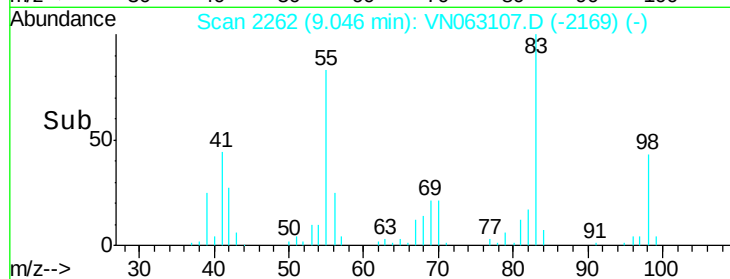
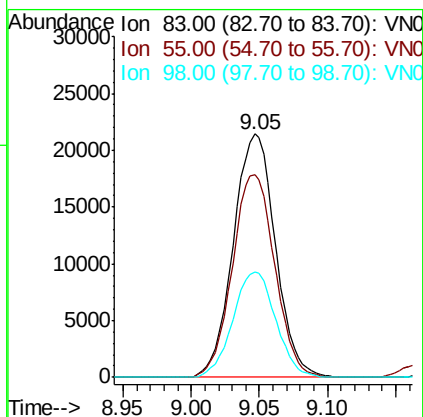
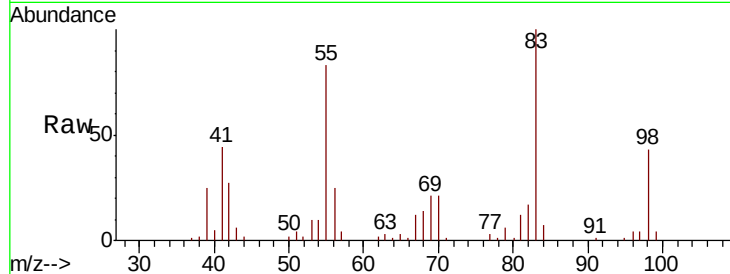




#39
Methylvlcyclohexane
Concen: 15.935 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

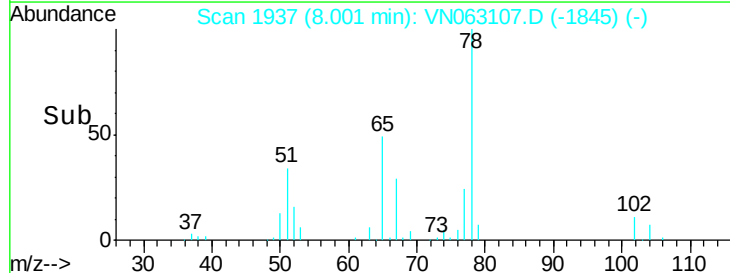
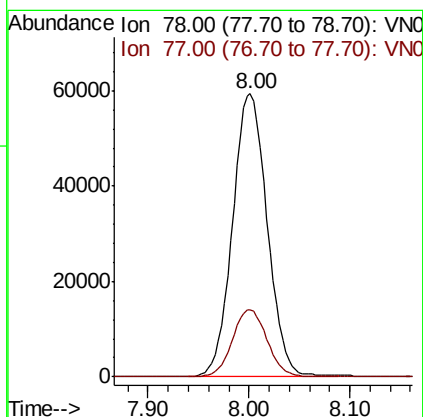
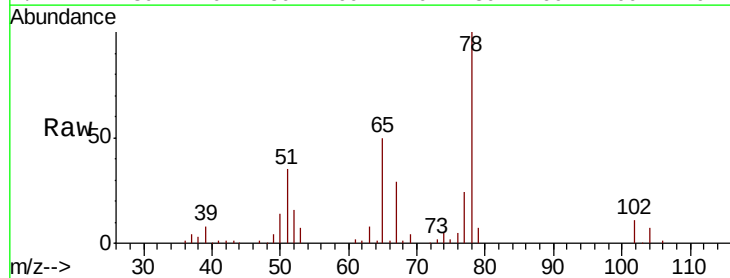
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

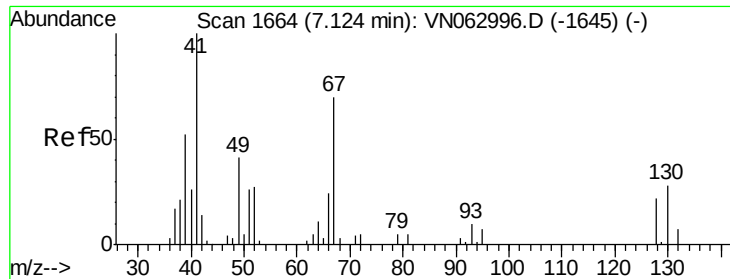
Tot Ion: 83 Resp: 46010
Ion Ratio Lower Upper
83 100
55 83.4 63.3 94.9
98 43.2 34.2 51.4



#40
Benzene
Concen: 19.438 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 78 Resp: 141618
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

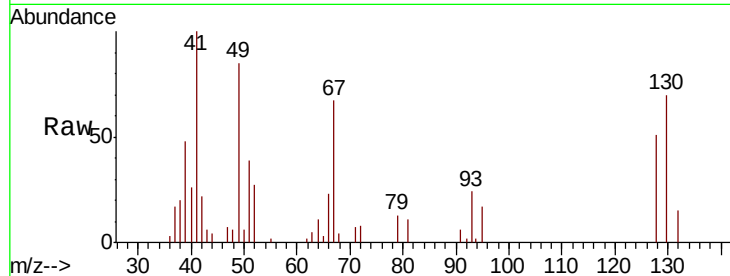




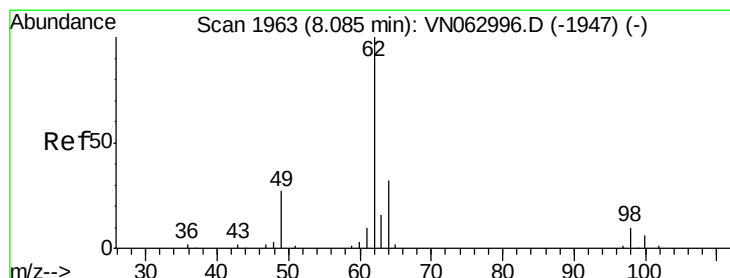
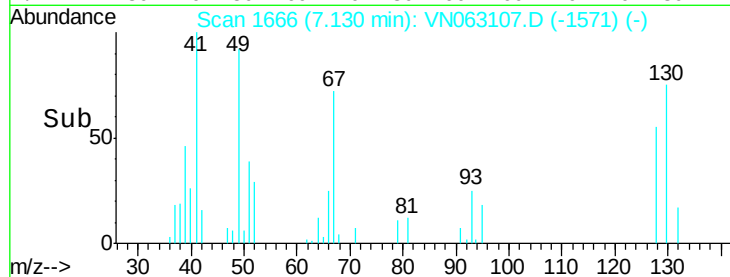
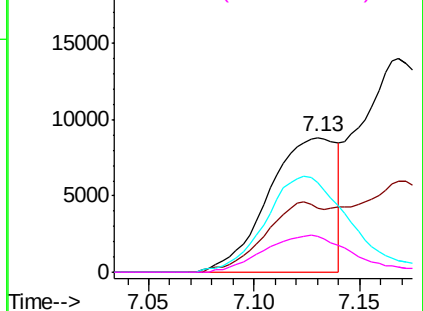
#41
Methacrylonitrile
Concen: 19.382 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

Tot Ion: 41 Resp: 19876
Ion Ratio Lower Upper
41 100
39 43.8 41.6 62.4
67 88.6 71.8 107.8
52 35.9 28.2 42.4

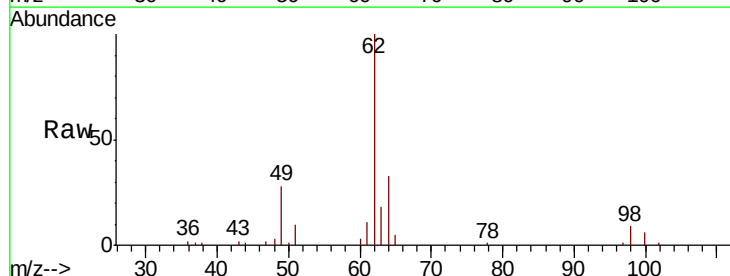


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

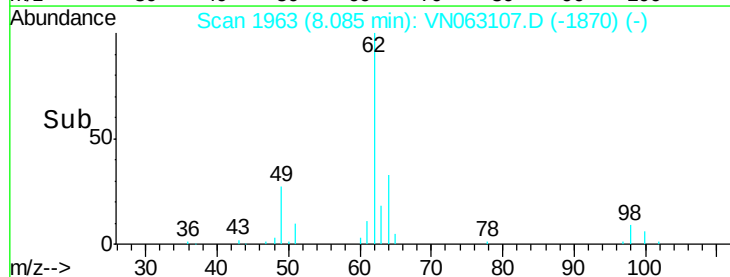
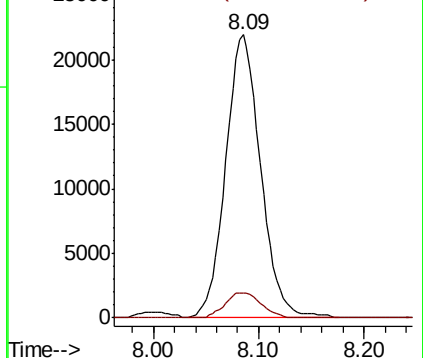


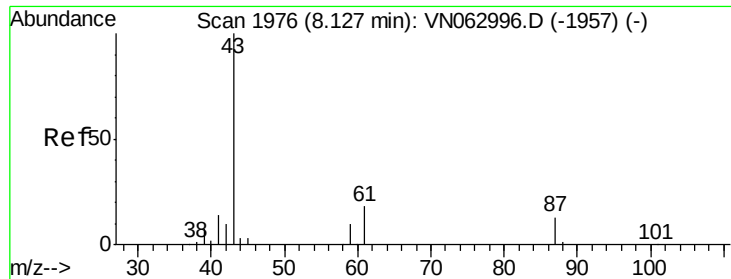
#42
1,2-Dichloroethane
Concen: 20.581 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 62 Resp: 50348
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 20.153 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

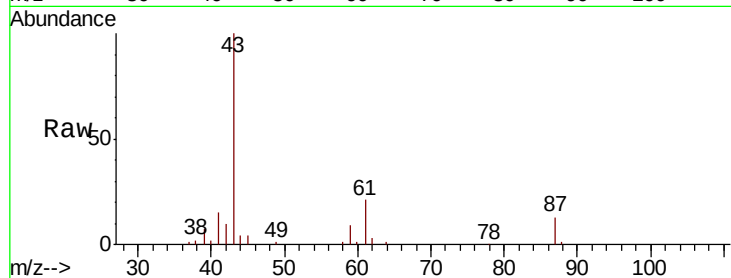
Tot Ion: 43 Resp: 71864

Ion Ratio Lower Upper

43 100

61 20.9 22.6 33.8#

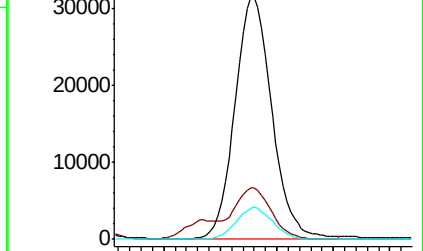
87 12.8 10.5 15.7



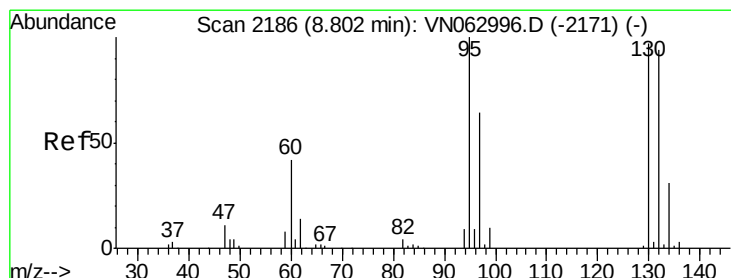
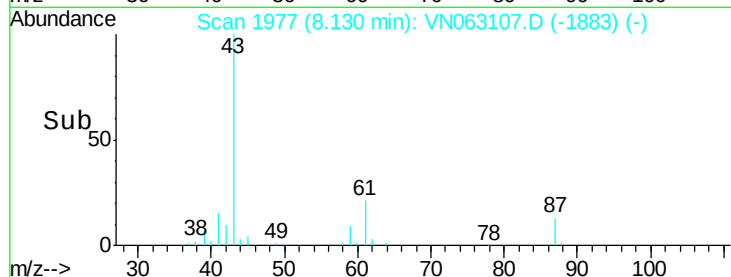
Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



Time-->



#44

Trichloroethene

Concen: 18.645 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063107.D

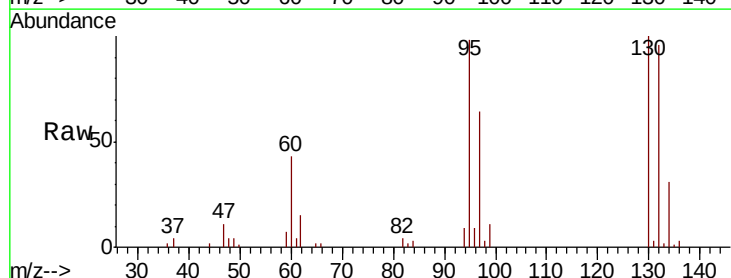
Acq: 25 Aug 2020 12:04

Tgt Ion:130 Resp: 33789

Ion Ratio Lower Upper

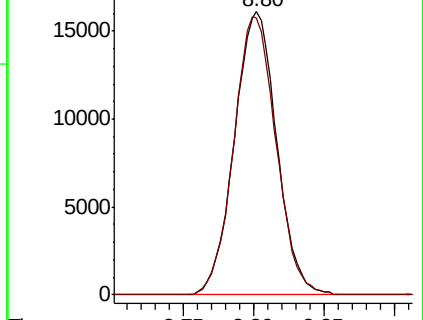
130 100

95 98.0 0.0 205.6

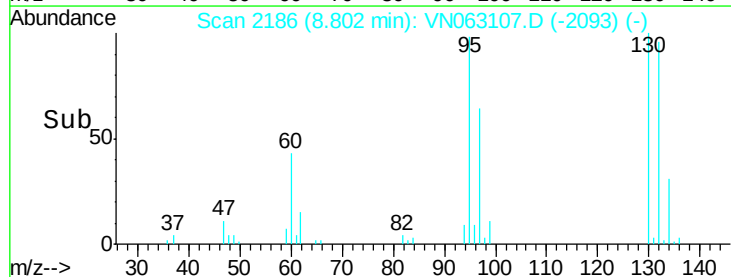


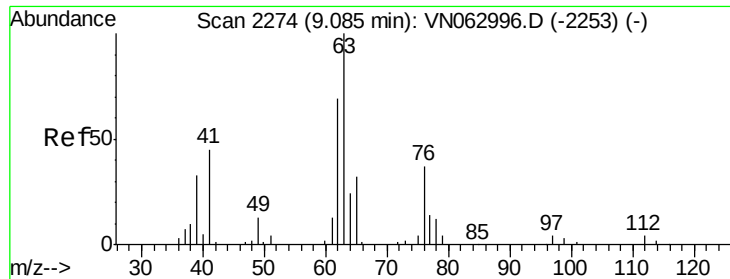
Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)



Time-->

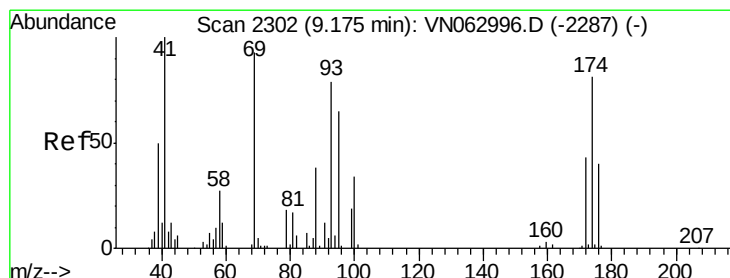
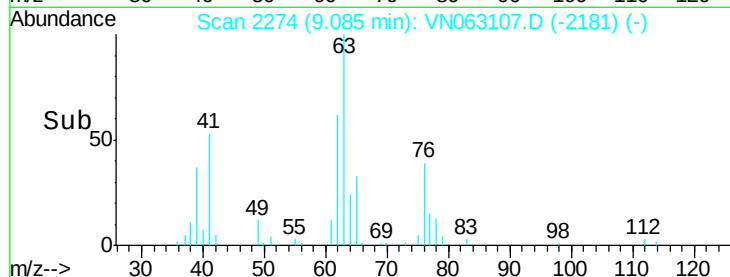
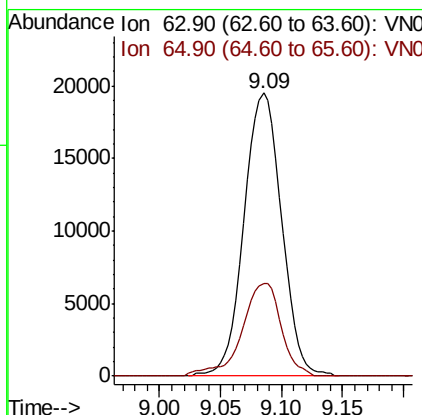
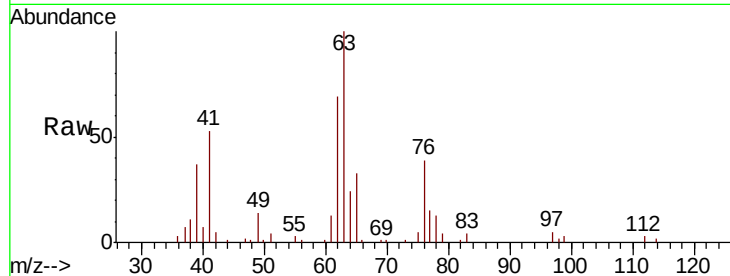




#45
 1,2-Dichloropropane
 Concen: 19.721 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

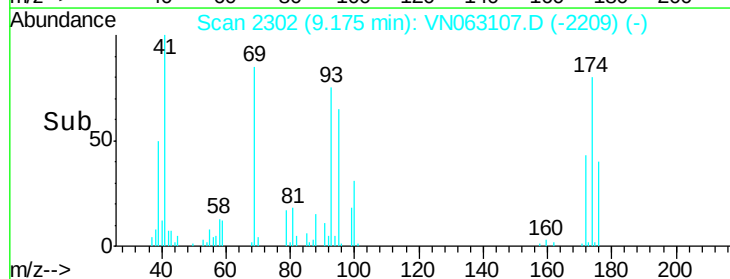
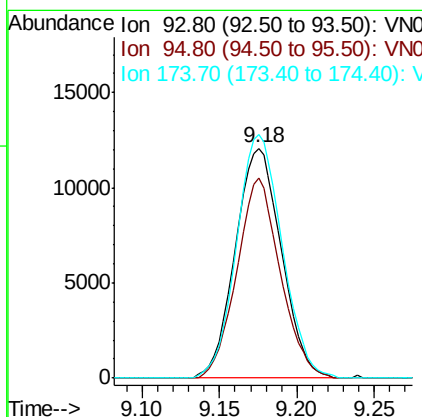
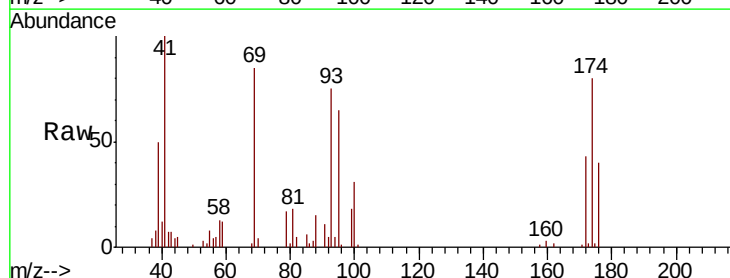
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

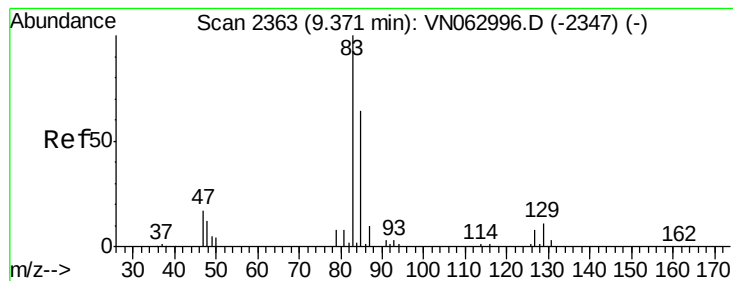
Tot Ion: 63 Resp: 41532
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.6 38.4



#46
 Dibromomethane
 Concen: 20.547 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion: 93 Resp: 24997
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 104.6 84.6 127.0





#47

Bromodichloromethane

Concen: 20.008 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

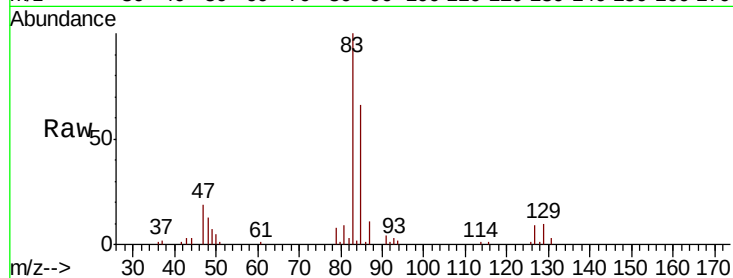
Tot Ion: 83 Resp: 53314

Ion Ratio Lower Upper

83 100

85 66.0 51.1 76.7

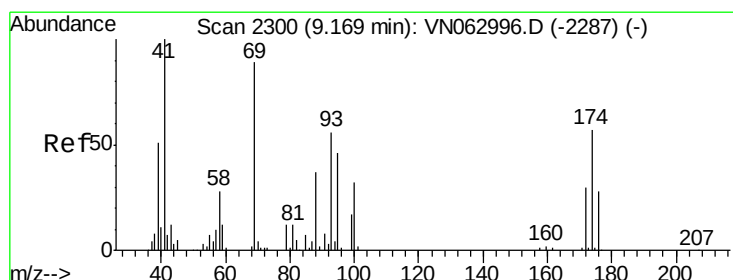
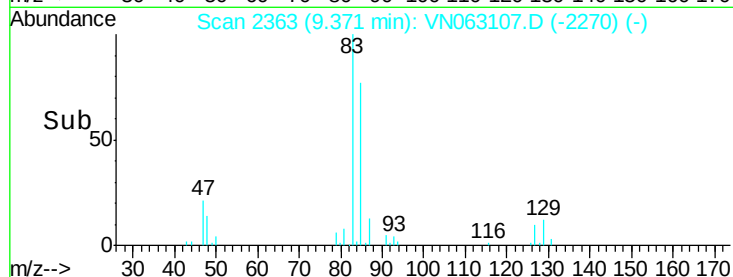
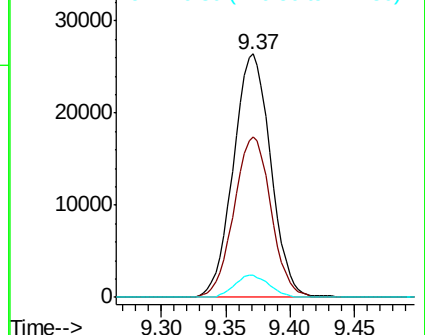
127 8.9 6.6 9.8



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): VN0



#48

Methyl methacrylate

Concen: 19.809 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

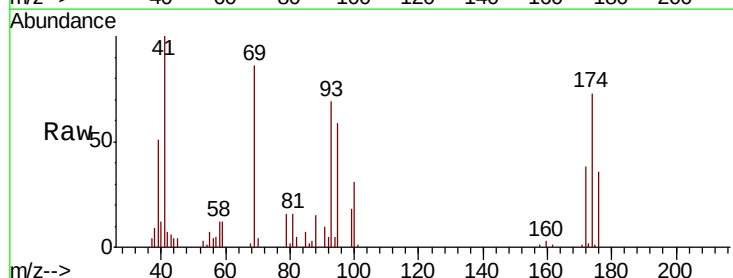
Tgt Ion: 41 Resp: 33421

Ion Ratio Lower Upper

41 100

69 87.7 74.2 111.4

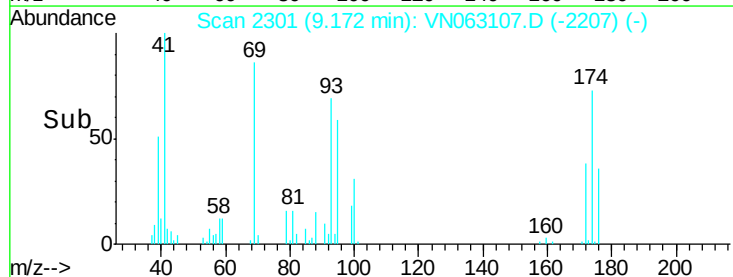
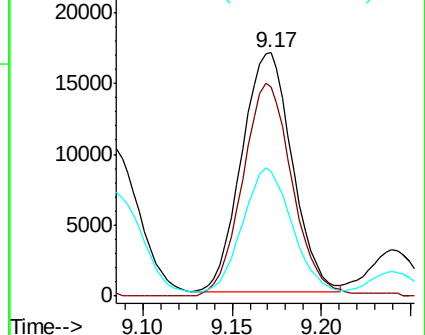
39 54.2 42.5 63.7

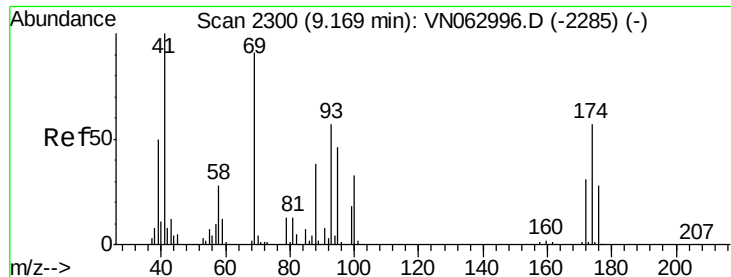


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

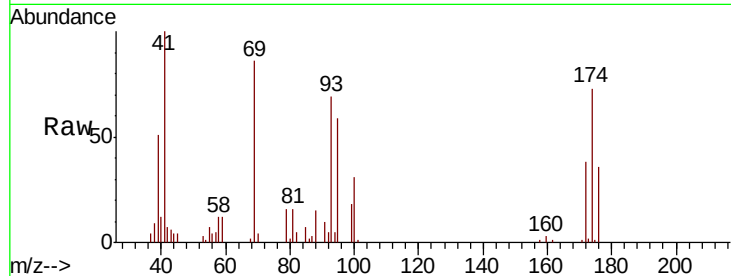




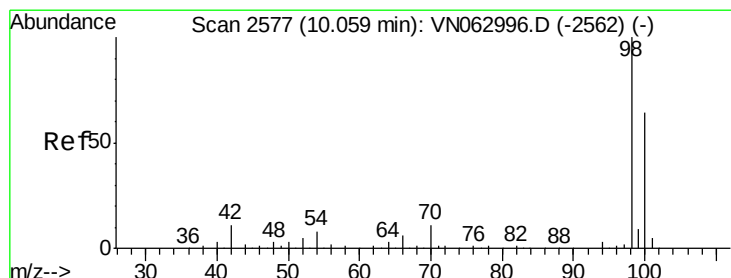
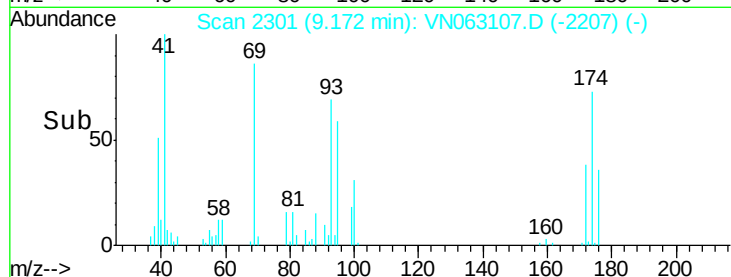
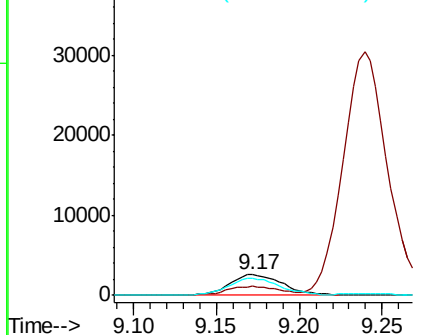
#49
1,4-Dioxane
Concen: 169.230 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

Tot Ion: 88 Resp: 5804
Ion Ratio Lower Upper
88 100
43 44.2 25.2 37.8#
58 79.4 56.7 85.1

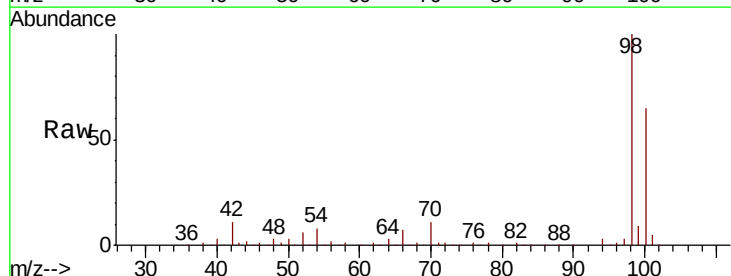


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

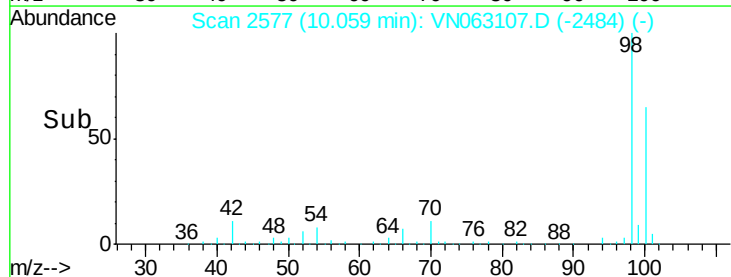
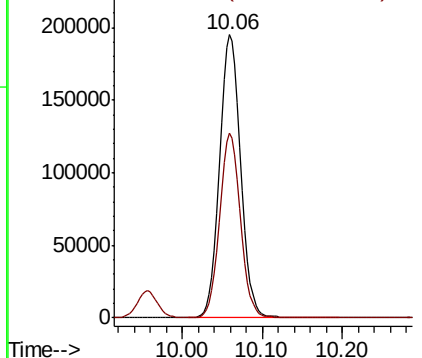


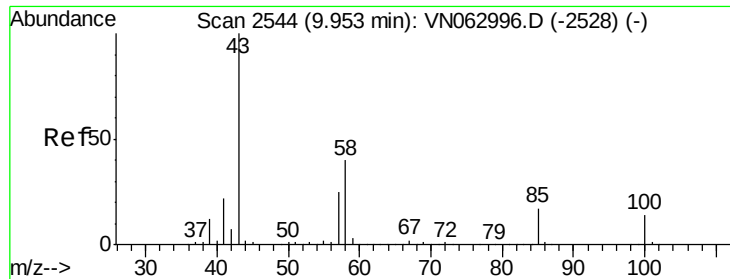
#50
Toluene-d8
Concen: 54.829 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 98 Resp: 357700
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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: 107.085 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

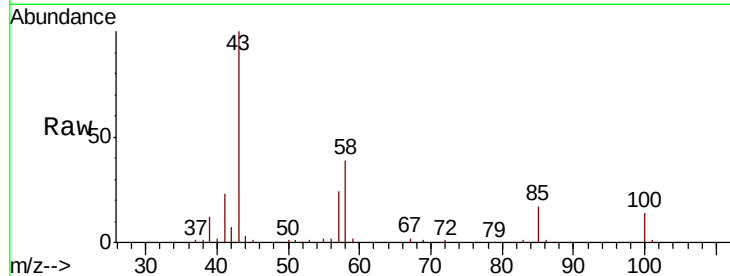
VN0825WBS01

Tot Ion: 43 Resp: 241363

Ion Ratio Lower Upper

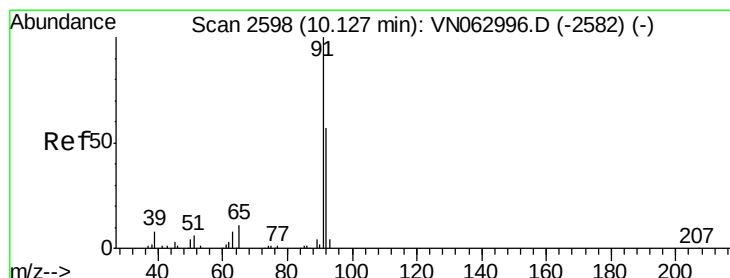
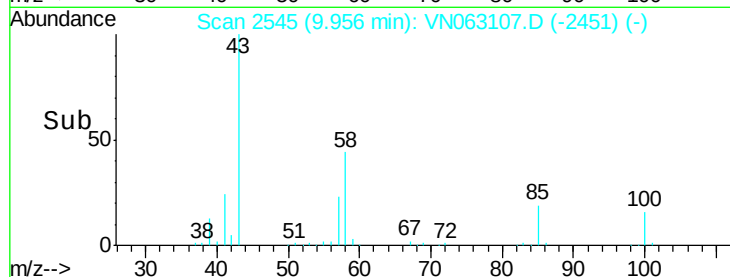
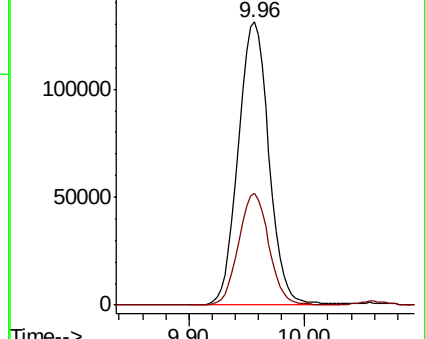
43 100

58 39.1 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)



#52

Toluene

Concen: 20.027 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063107.D

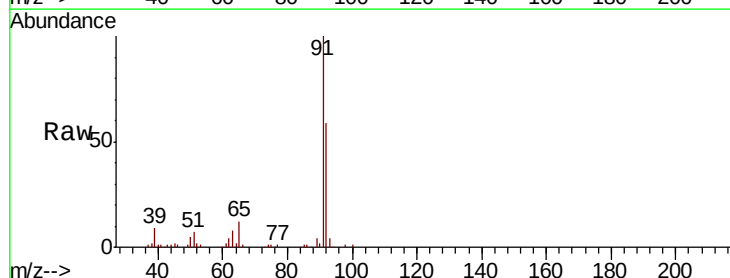
Acq: 25 Aug 2020 12:04

Tgt Ion: 92 Resp: 88019

Ion Ratio Lower Upper

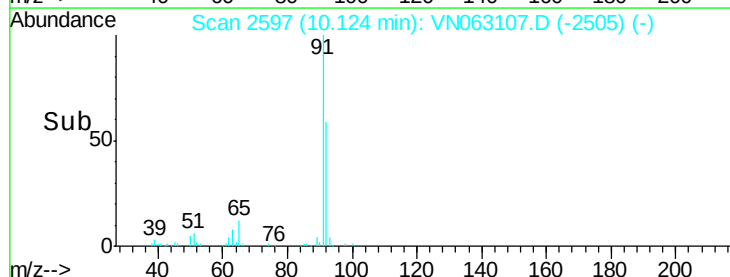
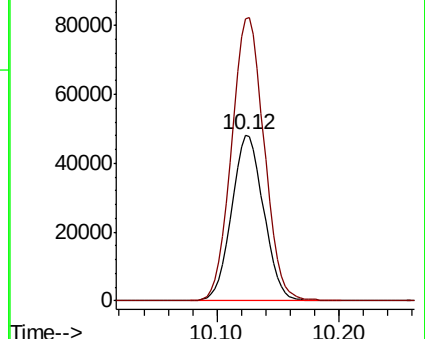
92 100

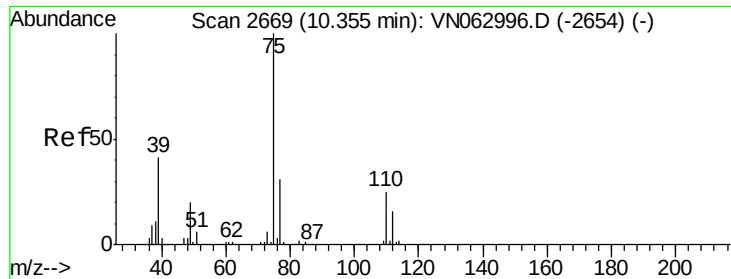
91 174.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)





#53

t-1,3-Dichloropropene

Concen: 20.414 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

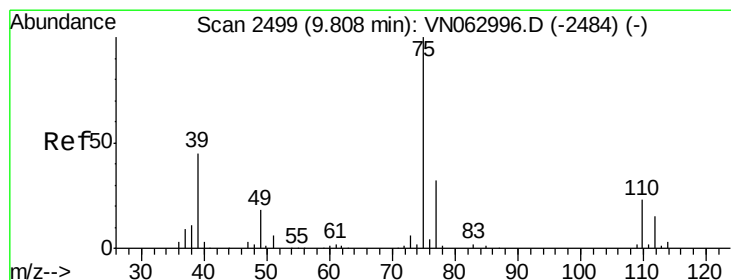
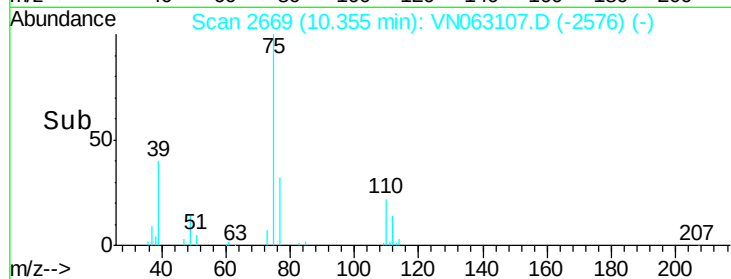
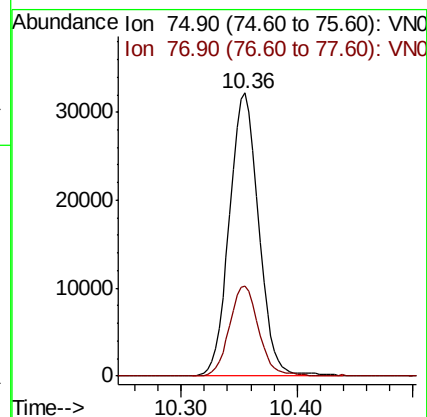
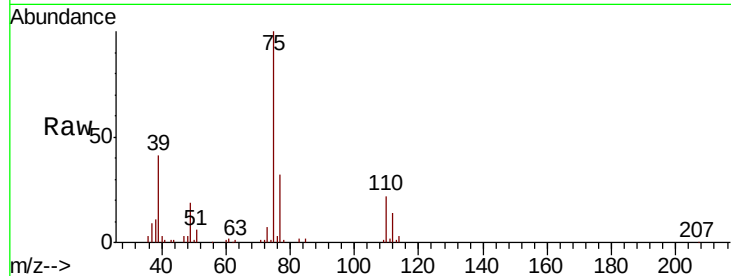
VN0825WBS01

Tot Ion: 75 Resp: 56252

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.041 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

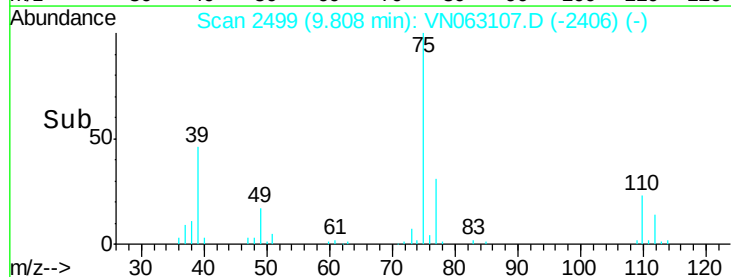
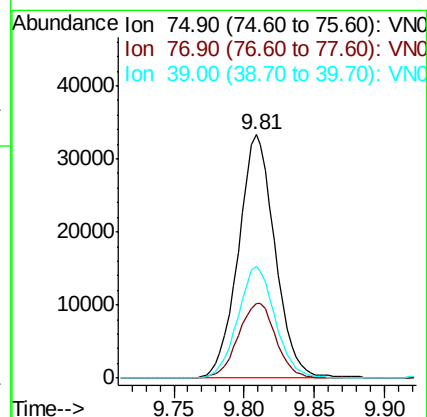
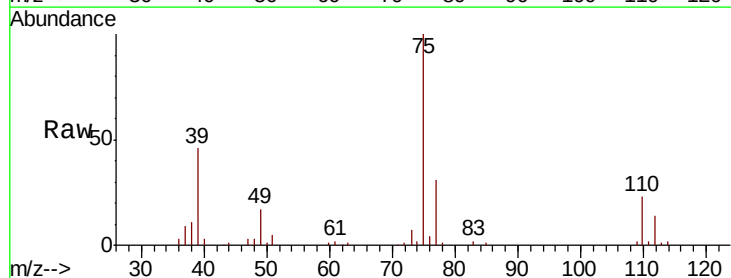
Tgt Ion: 75 Resp: 60580

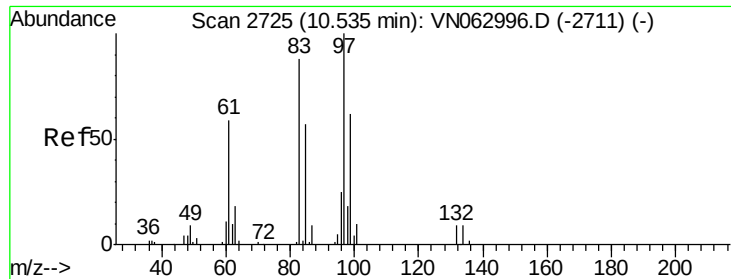
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

39 45.9 35.7 53.5

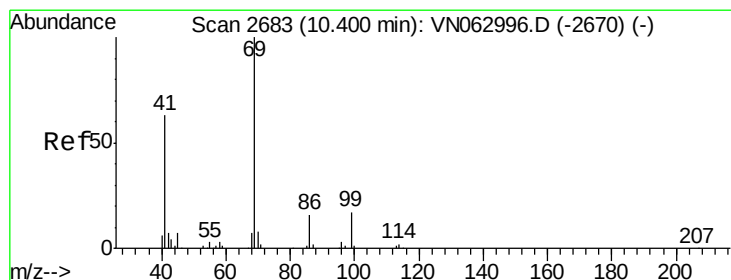
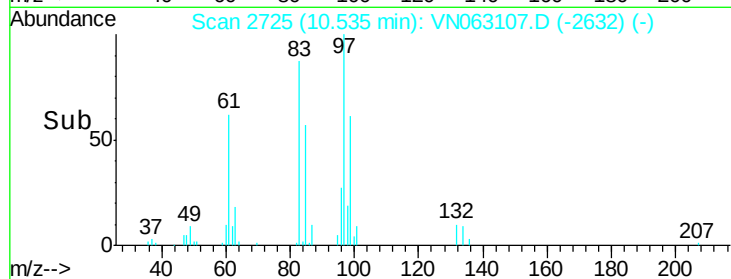
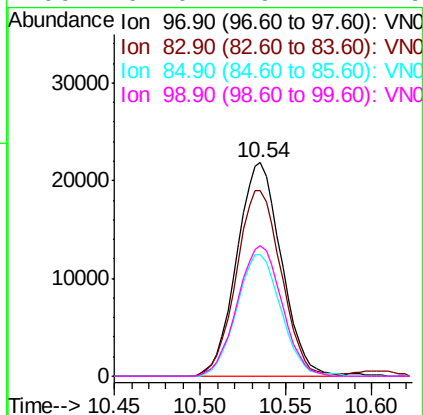
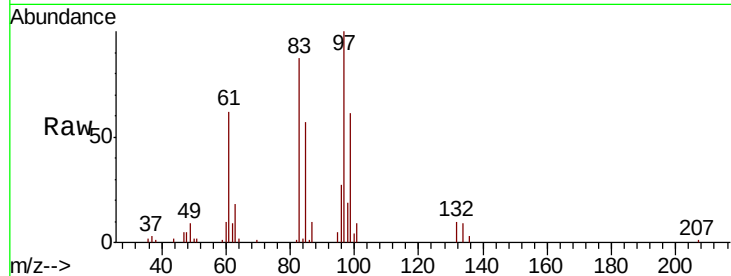




#55
 1,1,2-Trichloroethane
 Concen: 20.932 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

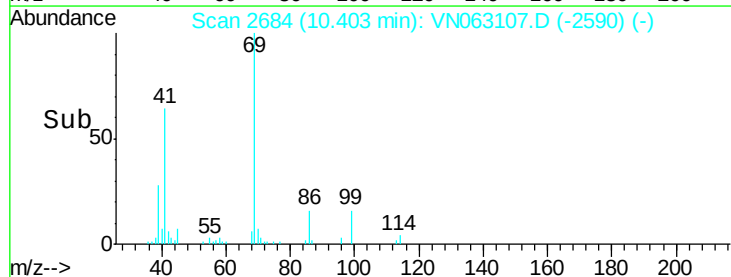
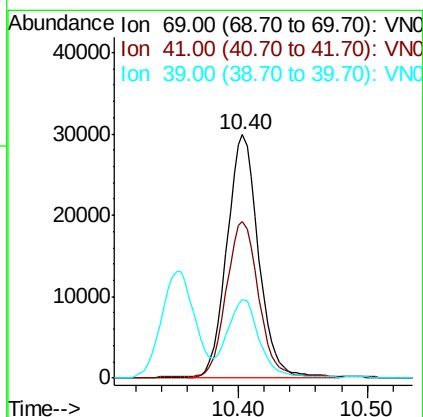
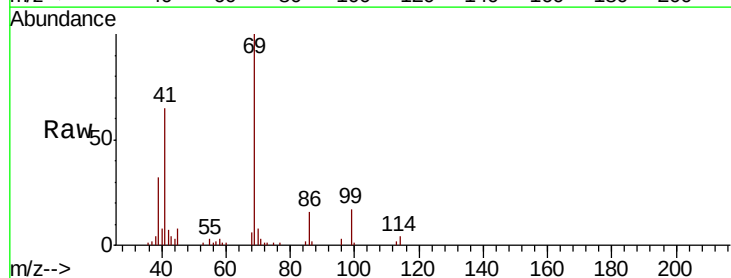
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

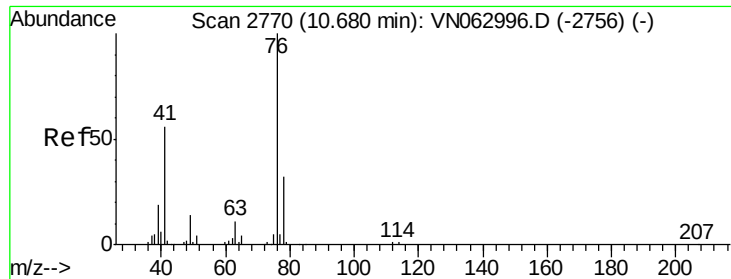
Tot Ion	97	Resp	39336
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.5	105.7
85	57.1	45.8	68.6
99	61.0	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 18.680 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	69	Resp	50939
Ion	Ratio	Lower	Upper
69	100		
41	64.8	50.2	75.2
39	33.4	24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.606 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

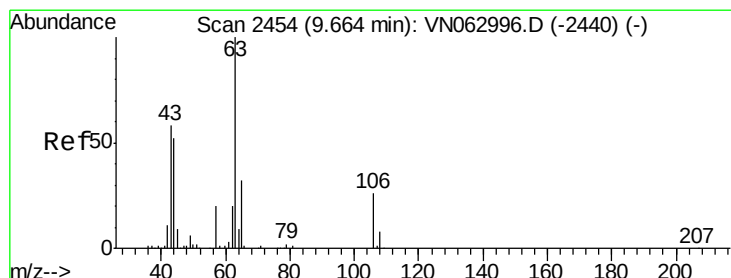
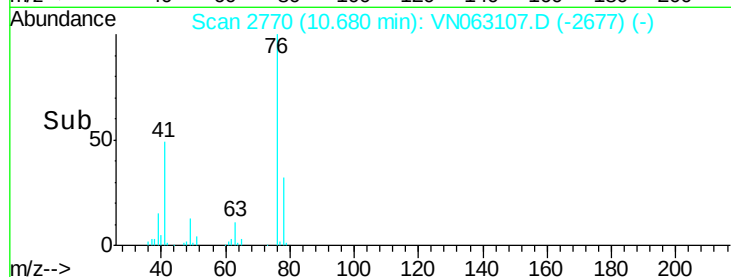
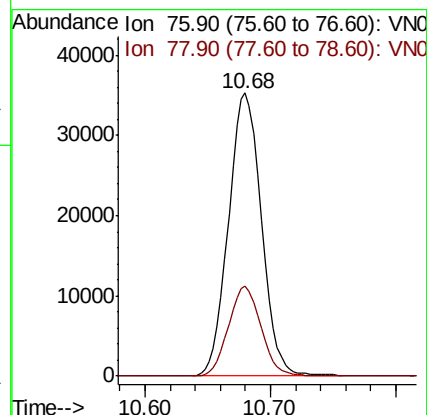
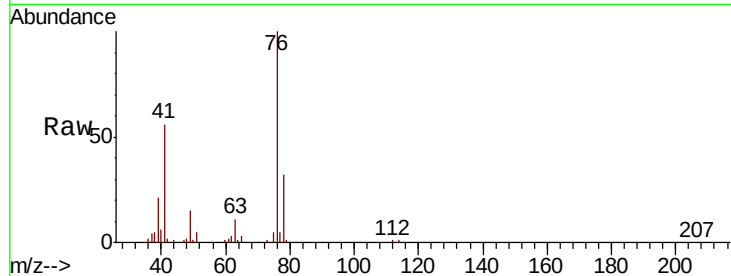
VN0825WBS01

Tot Ion: 76 Resp: 64300

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.532 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063107.D

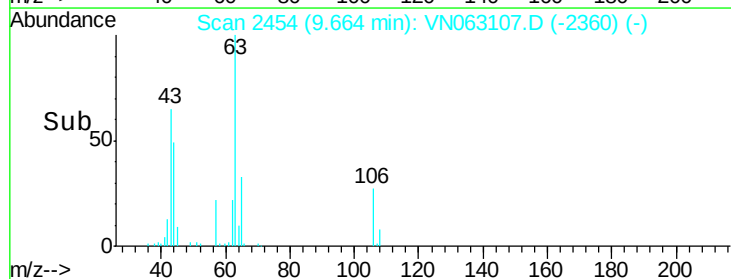
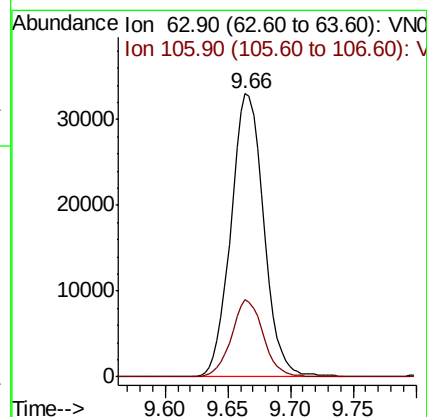
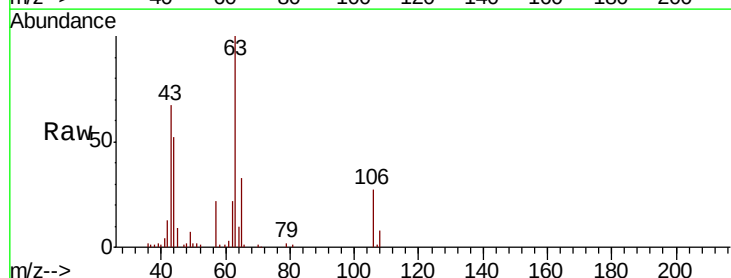
Acq: 25 Aug 2020 12:04

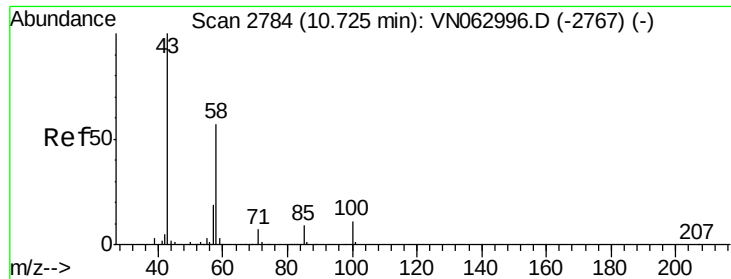
Tgt Ion: 63 Resp: 60334

Ion Ratio Lower Upper

63 100

106 26.2 20.7 31.1

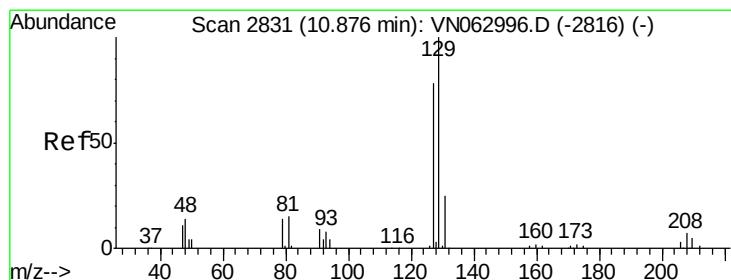
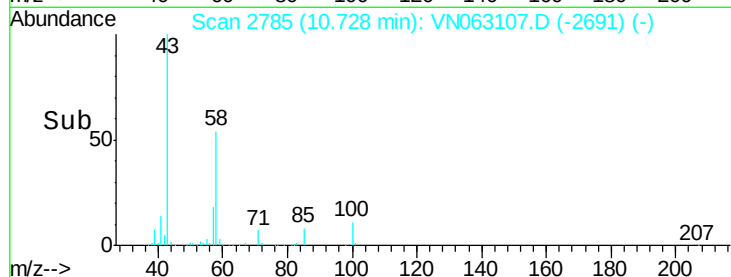
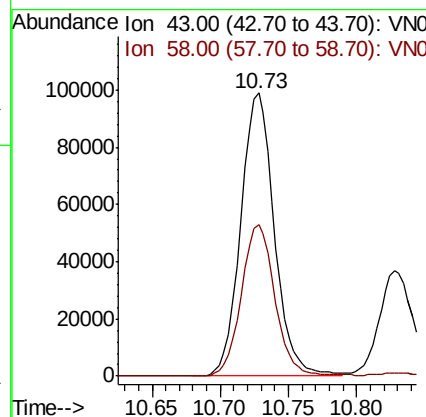
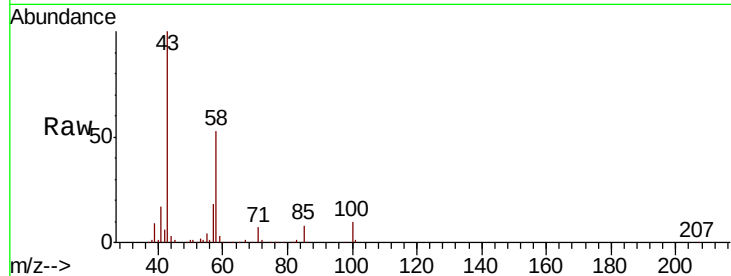




#59
2-Hexanone
Concen: 107.827 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

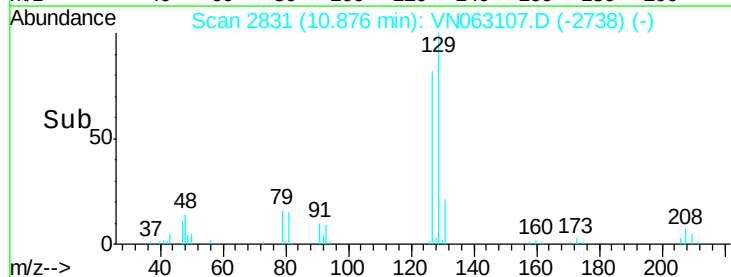
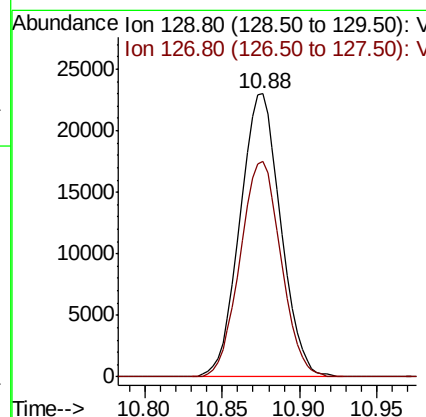
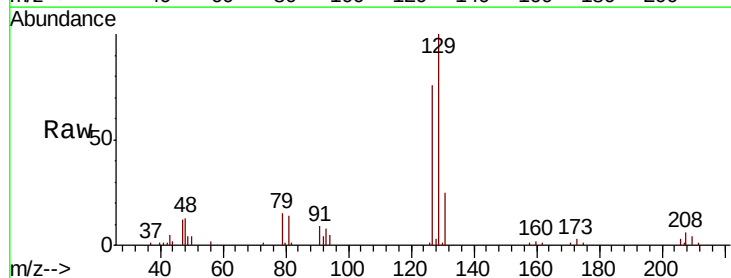
Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

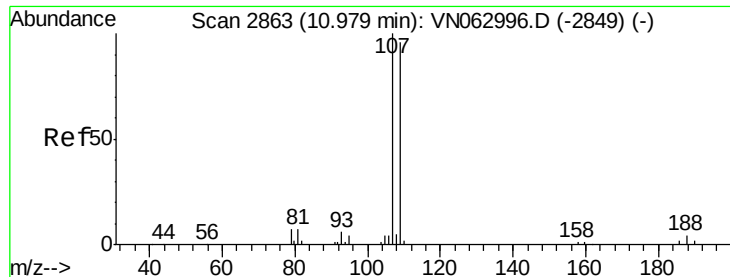
Tot Ion: 43 Resp: 169524
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.251 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 129 Resp: 42115
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.333 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

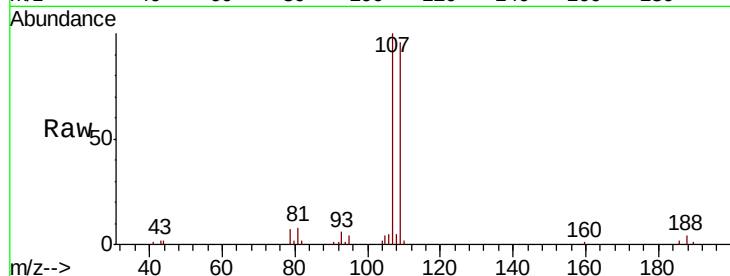
VN0825WBS01

Tot Ion:107 Resp: 36715

Ion Ratio Lower Upper

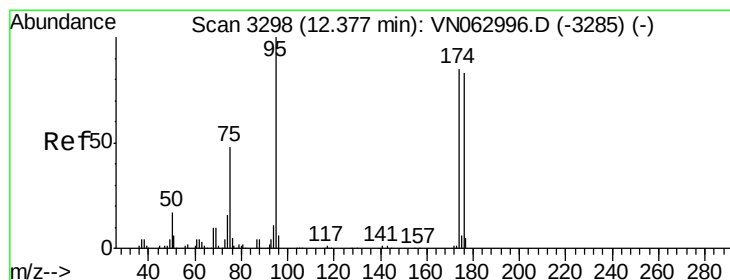
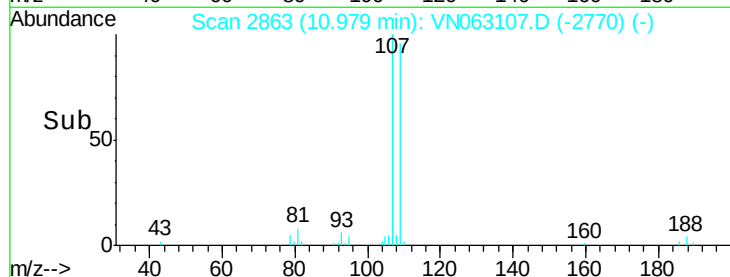
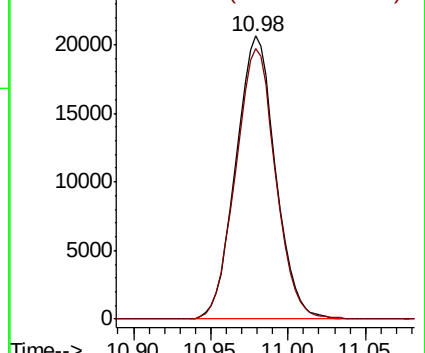
107 100

109 96.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.416 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

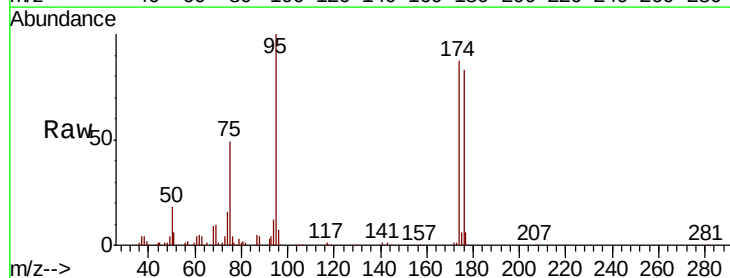
Tgt Ion: 95 Resp: 127577

Ion Ratio Lower Upper

95 100

174 86.1 0.0 170.8

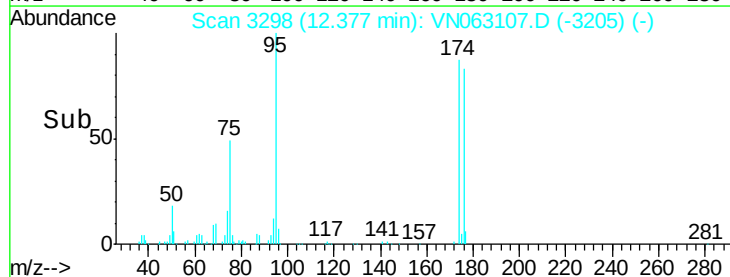
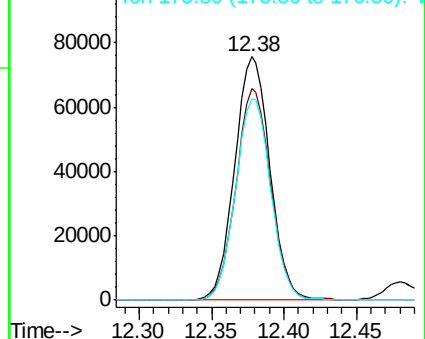
176 82.7 0.0 164.8

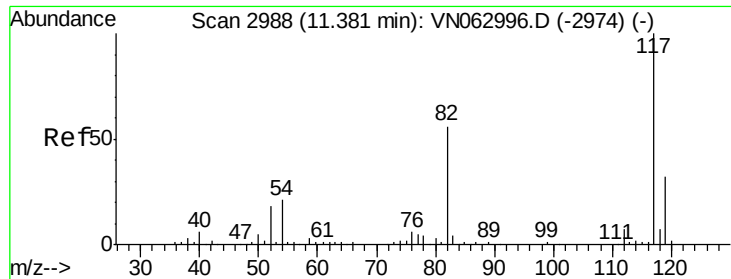


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

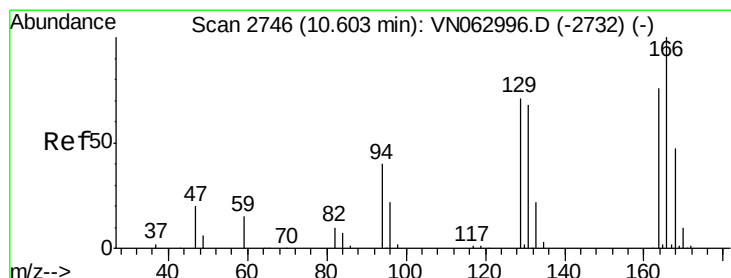
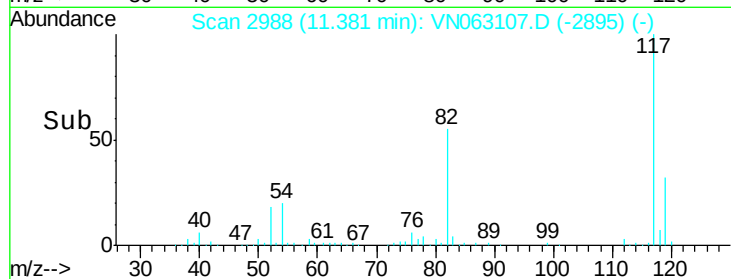
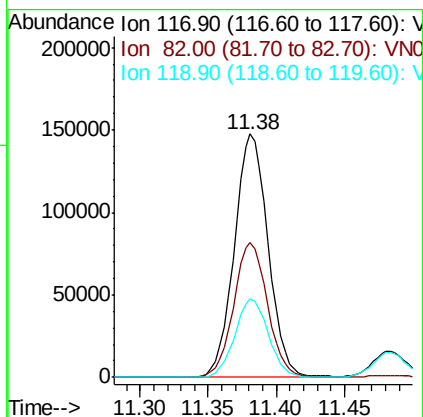
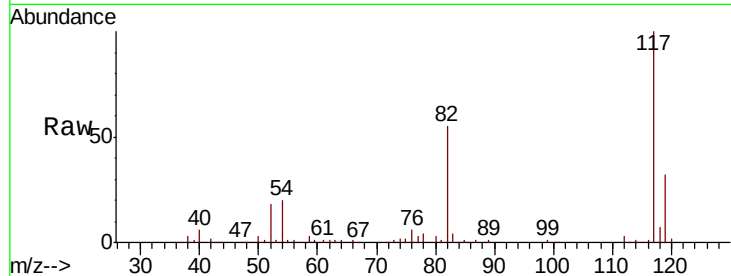




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

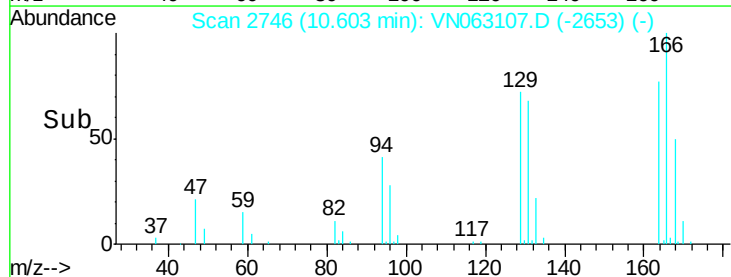
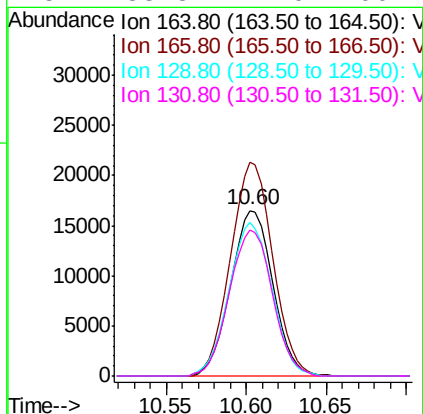
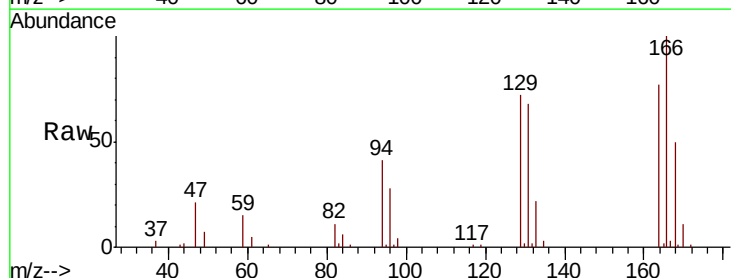
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

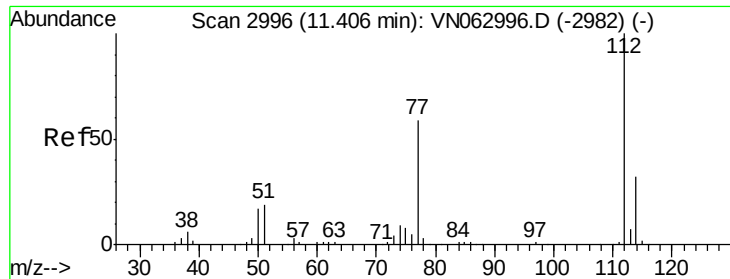
Tot Ion:117 Resp: 252989
Ion Ratio Lower Upper
117 100
82 55.3 44.5 66.7
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 17.845 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion:164 Resp: 29677
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.6
129 92.6 74.7 112.1
131 88.3 71.0 106.4

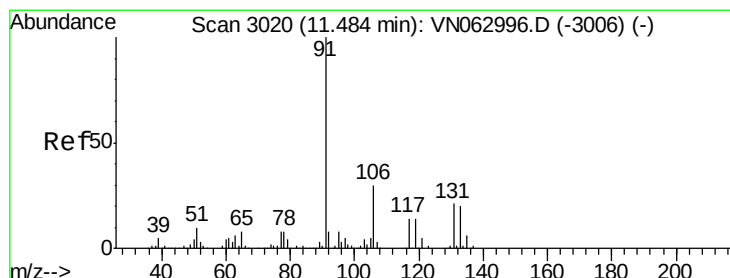
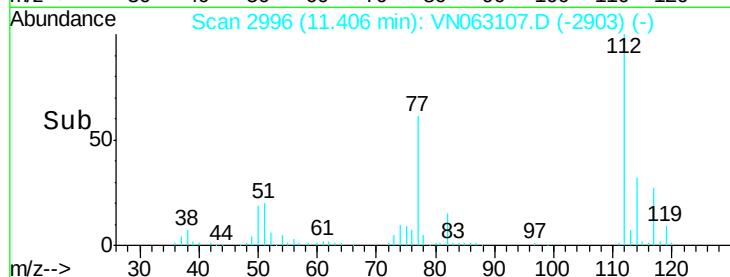
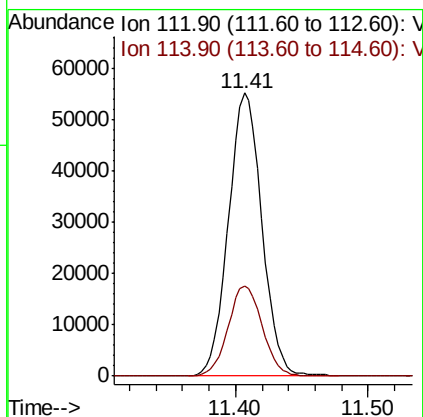
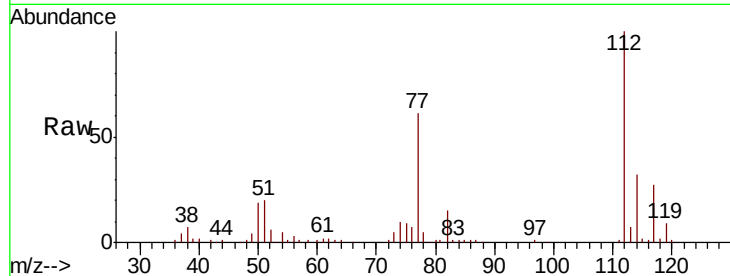




#65
Chlorobenzene
Concen: 19.084 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

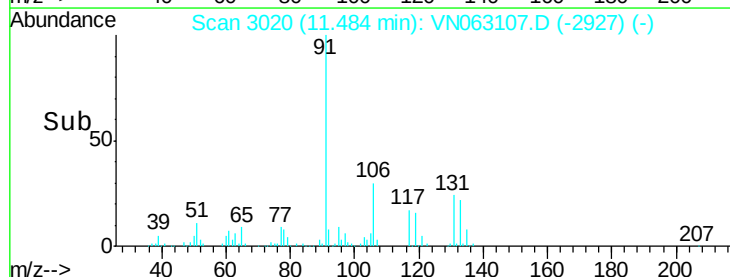
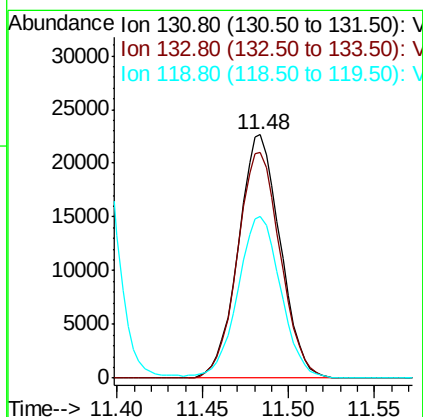
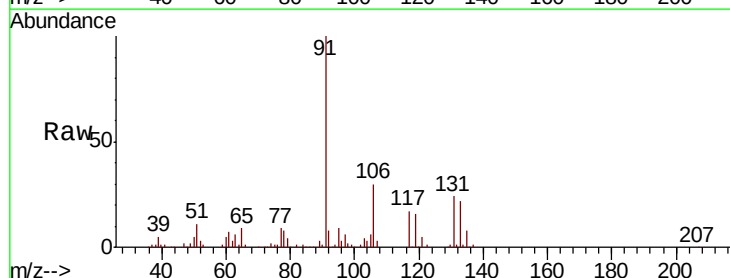
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

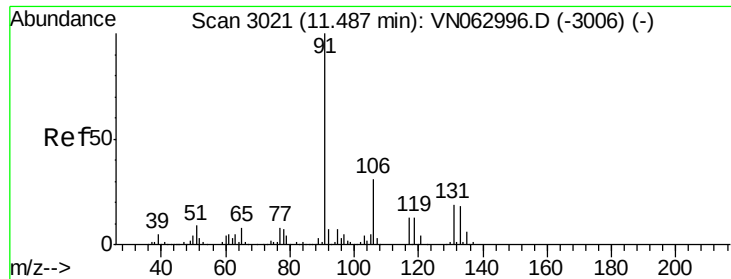
Tot Ion:112 Resp: 96966
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.472 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion:131 Resp: 38482
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 68.0 33.1 99.3

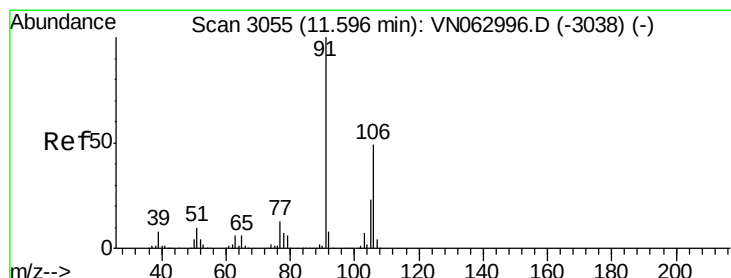
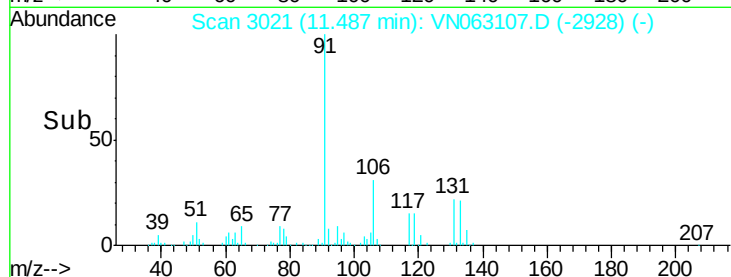
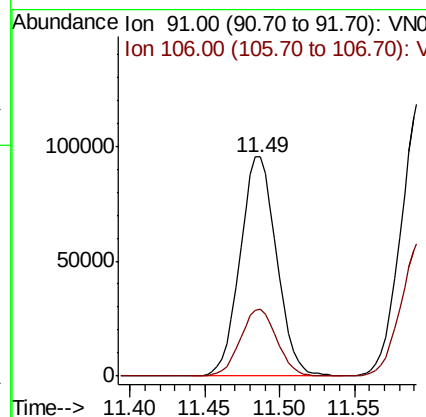
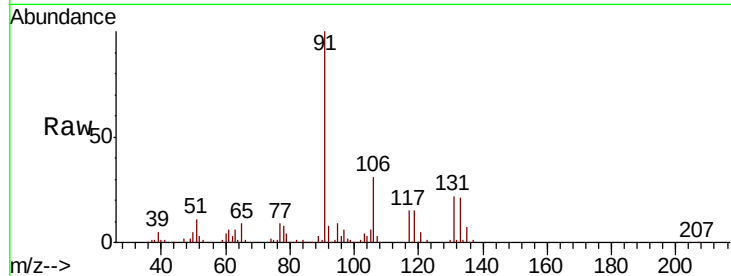




#67
Ethyl Benzene
Concen: 18.875 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

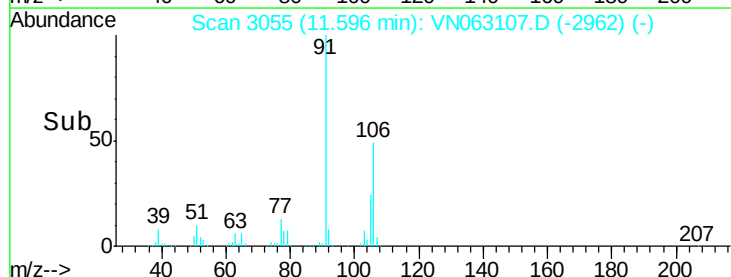
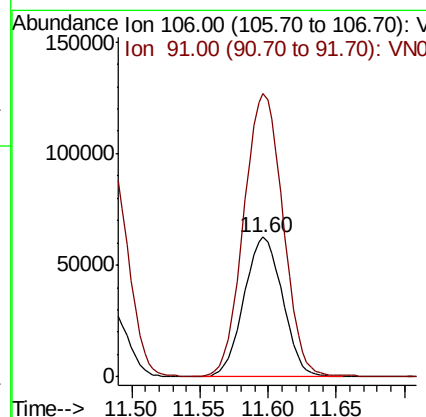
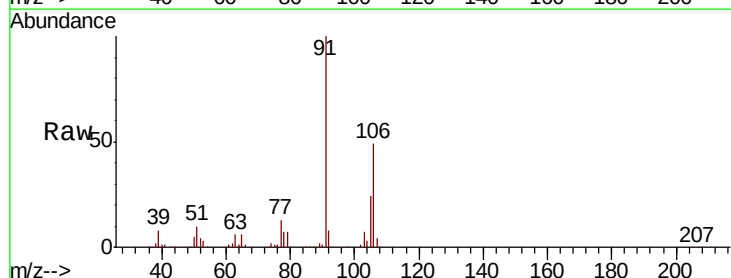
Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

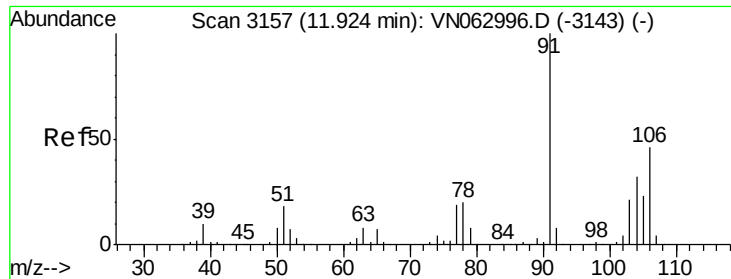
Tot Ion: 91 Resp: 162048
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0



#68
m/p-Xylenes
Concen: 38.685 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 106 Resp: 123439
Ion Ratio Lower Upper
106 100
91 205.1 163.0 244.4

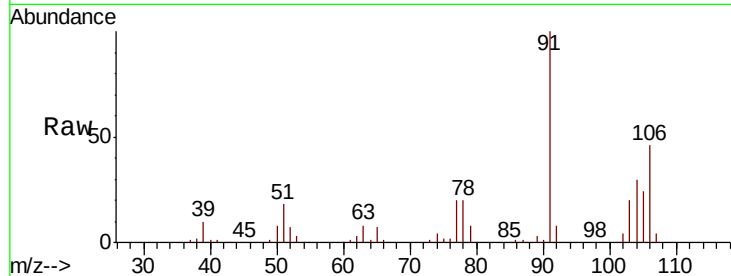




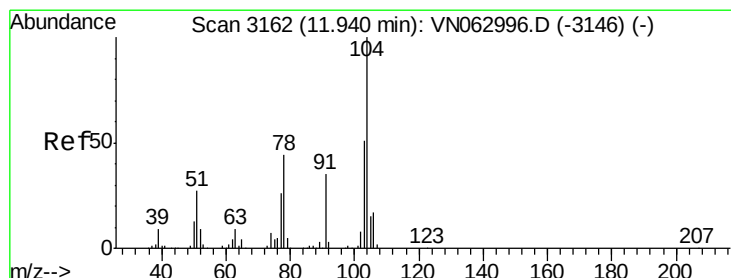
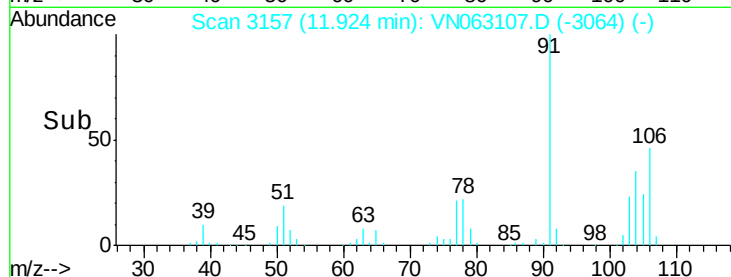
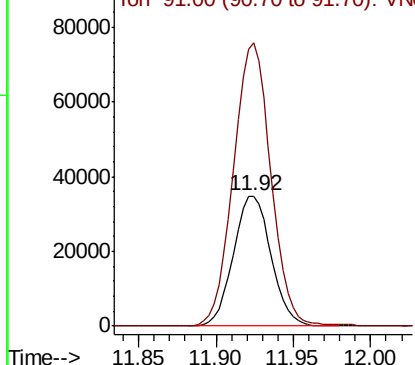
#69
o-Xylene
Concen: 19.244 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

Tot Ion:106 Resp: 58965
Ion Ratio Lower Upper
106 100
91 216.8 107.3 321.9

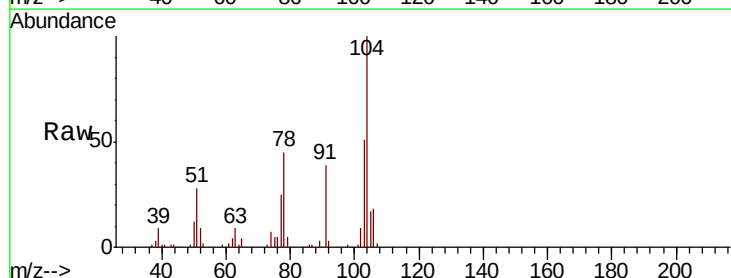


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

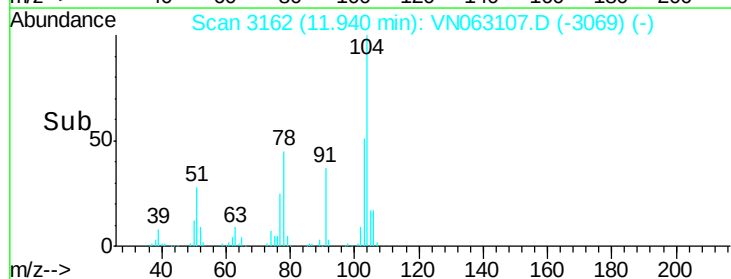
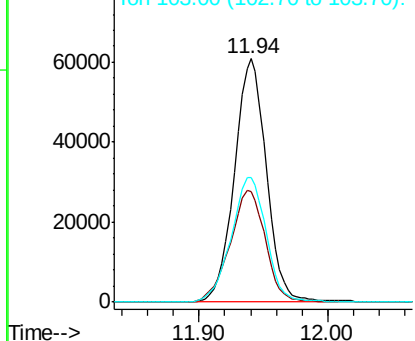


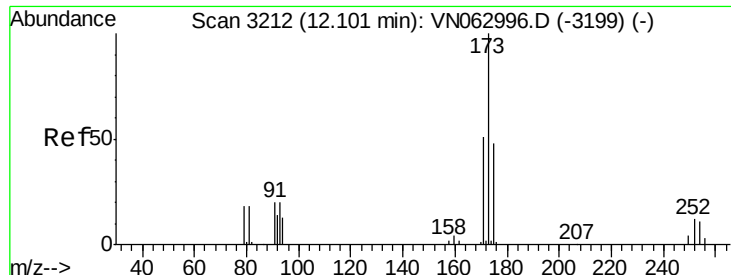
#70
Styrene
Concen: 18.501 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion:104 Resp: 104837
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 56.3 44.3 66.5



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

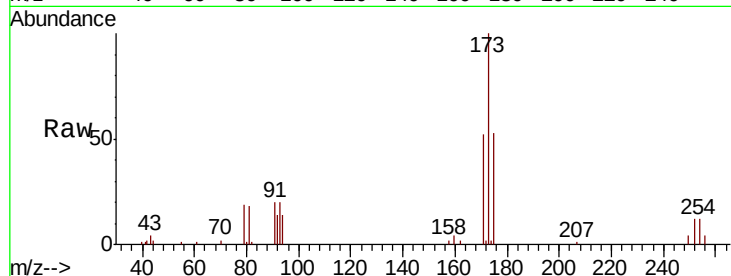




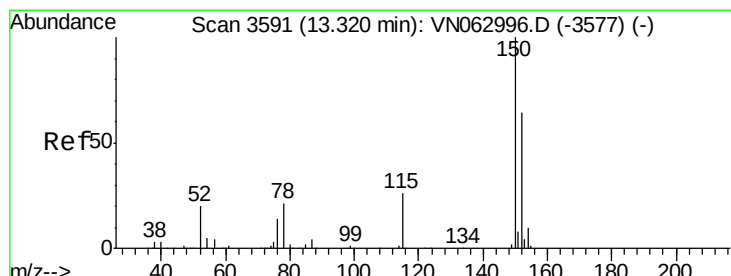
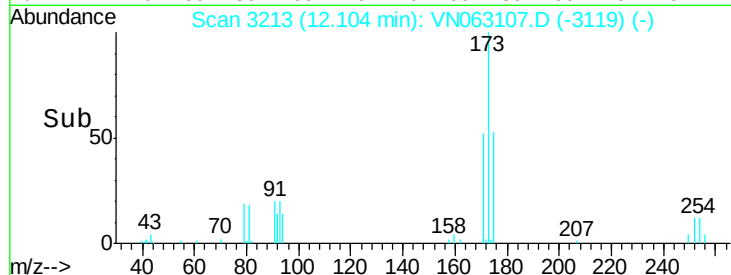
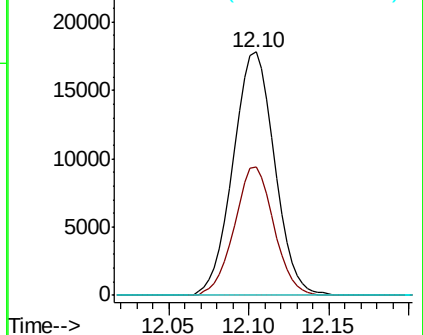
#71
Bromoform
Concen: 19.978 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion:173 Resp: 31427
Ion Ratio Lower Upper
173 100
175 50.2 24.3 72.8
254 0.0 0.0 0.0

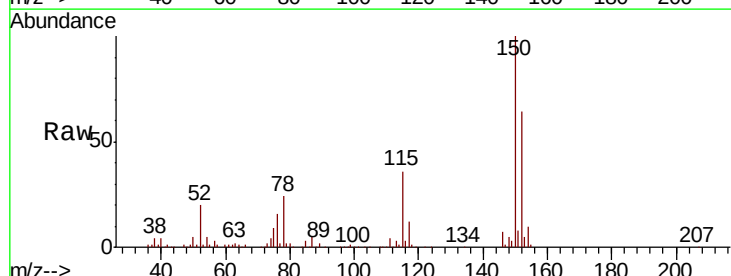


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

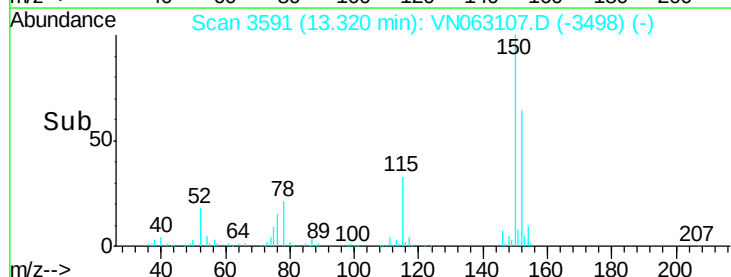
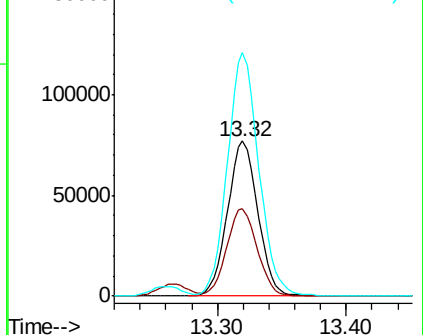


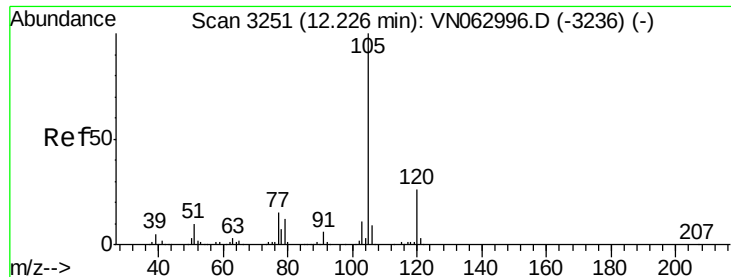
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion:152 Resp: 125889
Ion Ratio Lower Upper
152 100
115 57.0 28.7 86.3
150 161.1 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.290 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

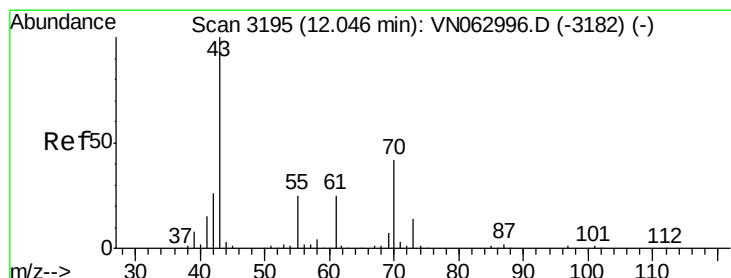
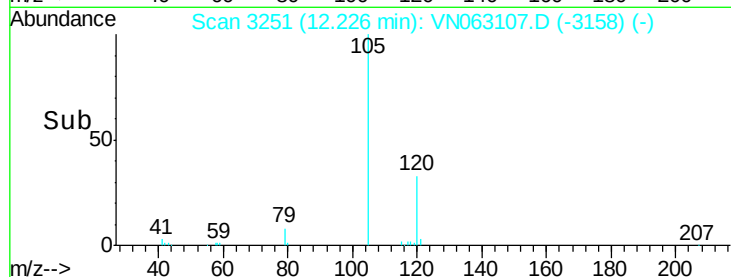
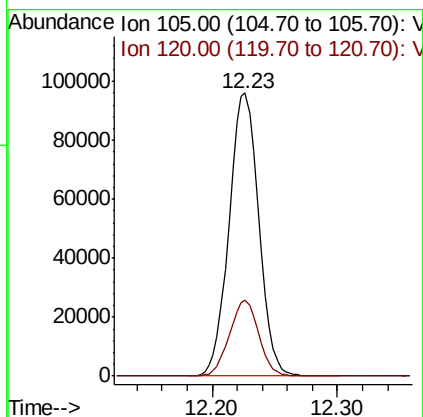
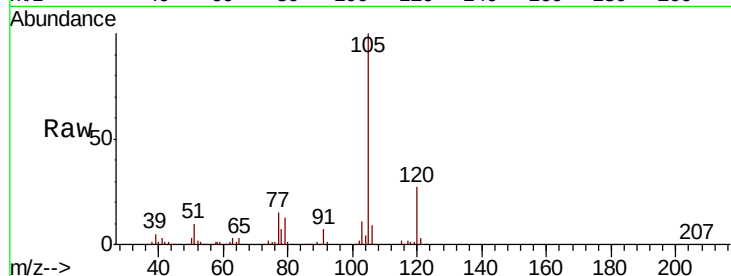
VN0825WBS01

Tot Ion:105 Resp: 157676

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 20.075 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion: 43 Resp: 61984

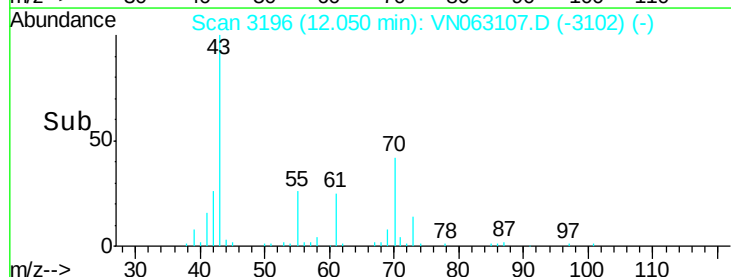
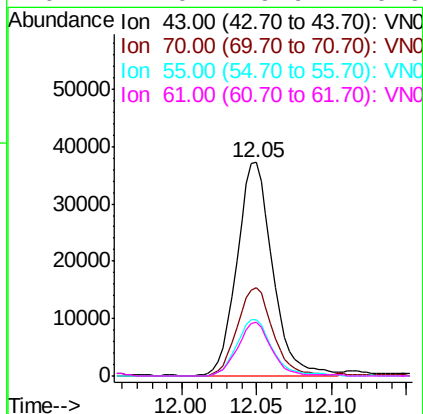
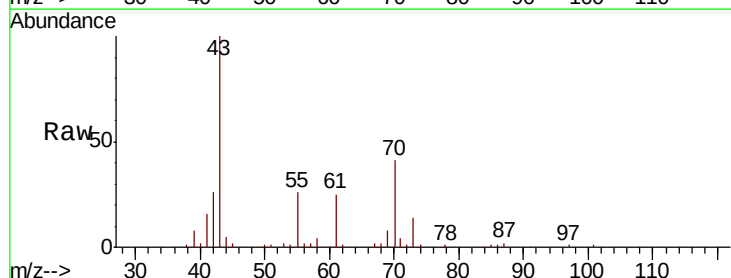
Ion Ratio Lower Upper

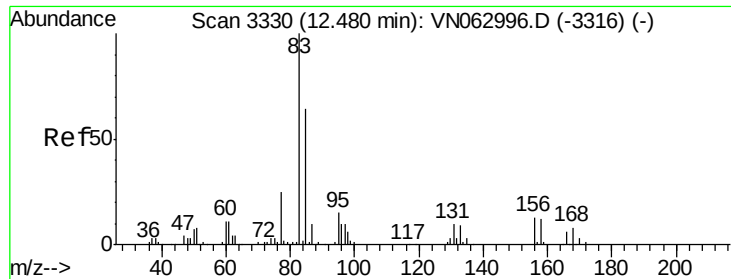
43 100

70 41.4 33.4 50.0

55 26.2 20.2 30.2

61 24.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.215 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0825WBS01

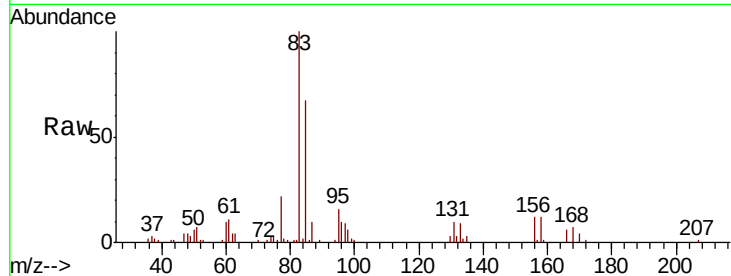
Tot Ion: 83 Resp: 59027

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

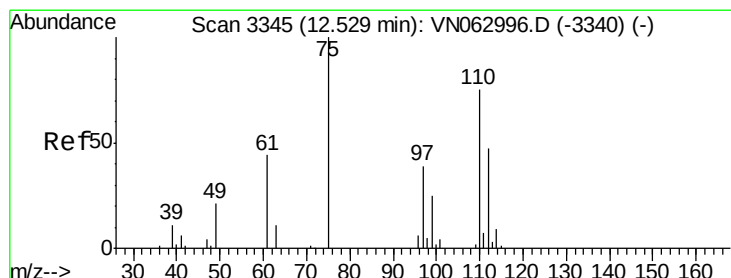
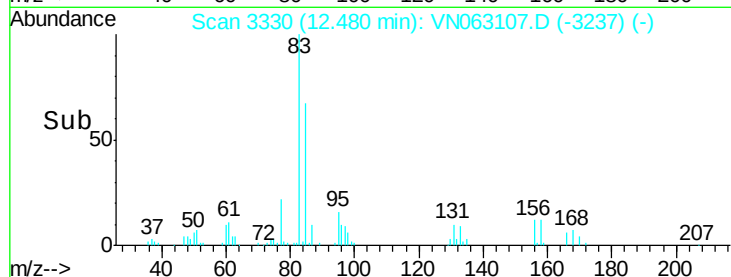
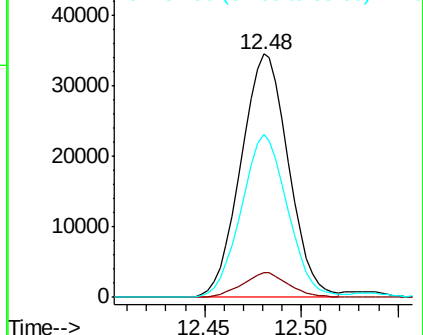
85 65.1 31.9 95.5



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: 29.521 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063107.D

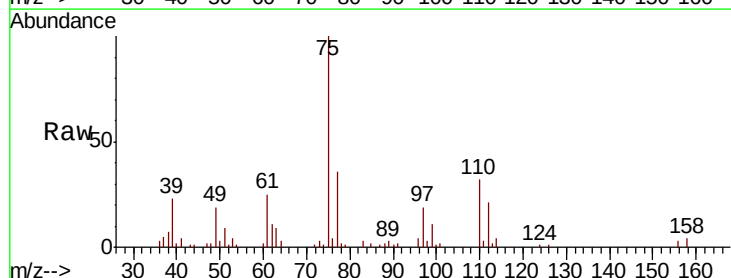
Acq: 25 Aug 2020 12:04

Tgt Ion: 75 Resp: 72238

Ion Ratio Lower Upper

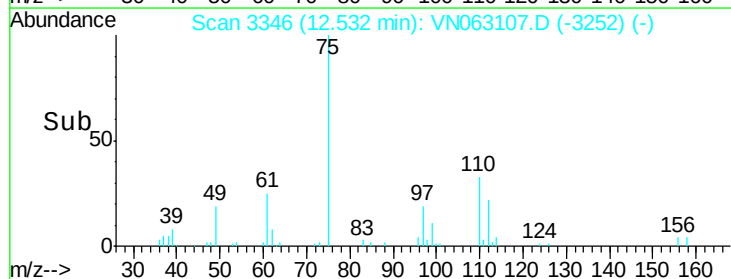
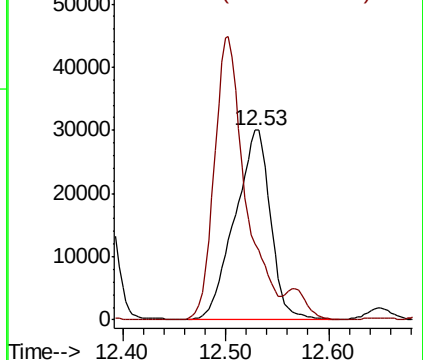
75 100

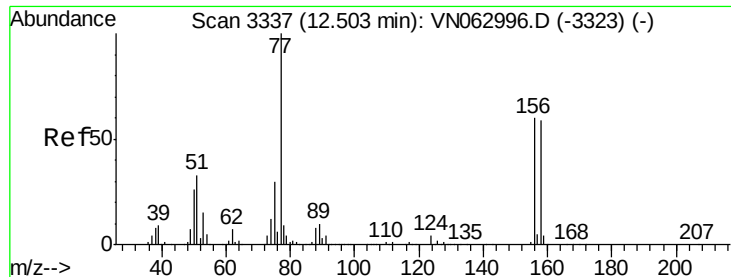
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.159 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0825WBS01

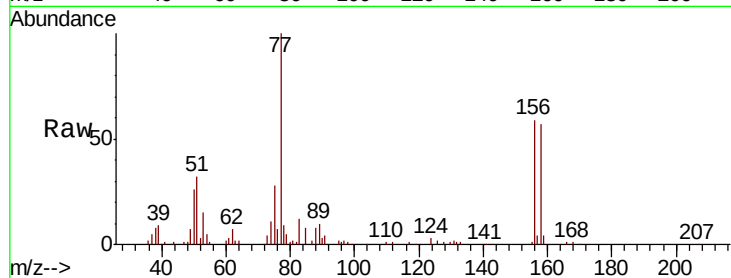
Tot Ion:156 Resp: 45426

Ion Ratio Lower Upper

156 100

77 206.8 101.0 302.9

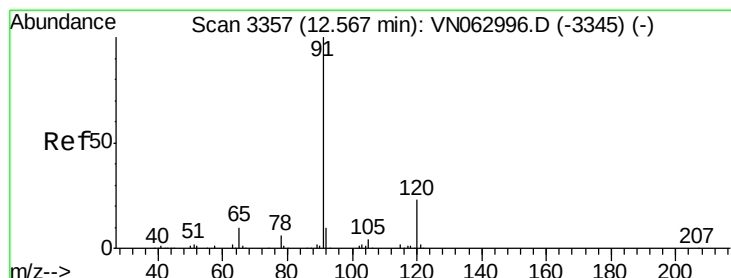
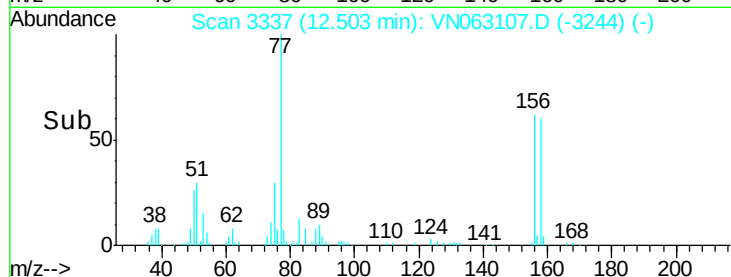
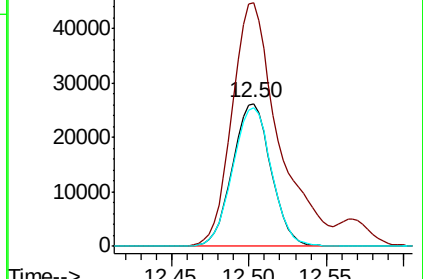
158 98.3 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.852 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063107.D

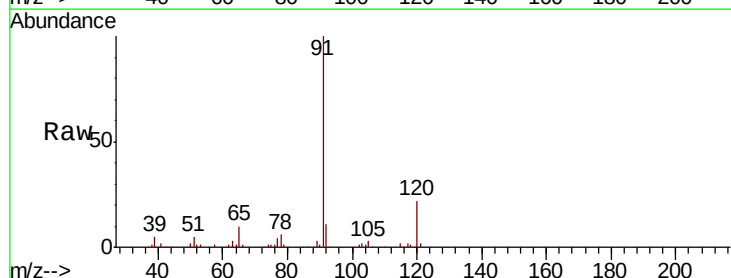
Acq: 25 Aug 2020 12:04

Tgt Ion: 91 Resp: 185249

Ion Ratio Lower Upper

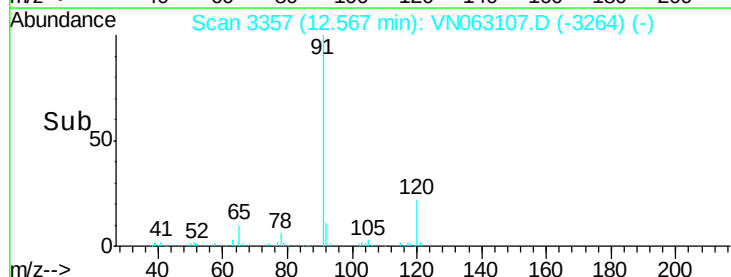
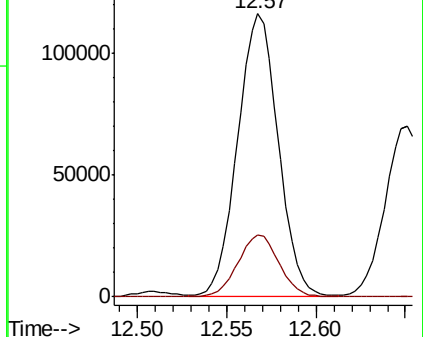
91 100

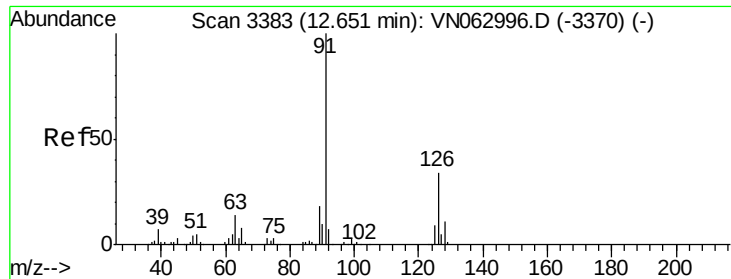
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.718 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

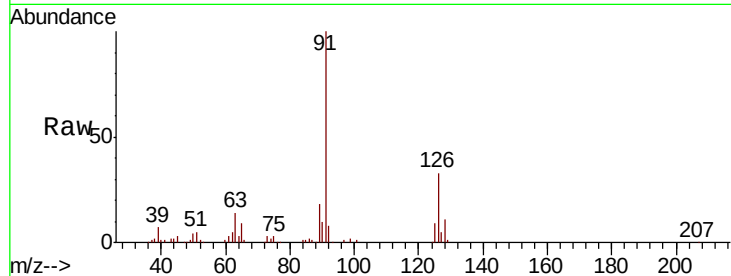
VN0825WBS01

Tot Ion: 91 Resp: 115691

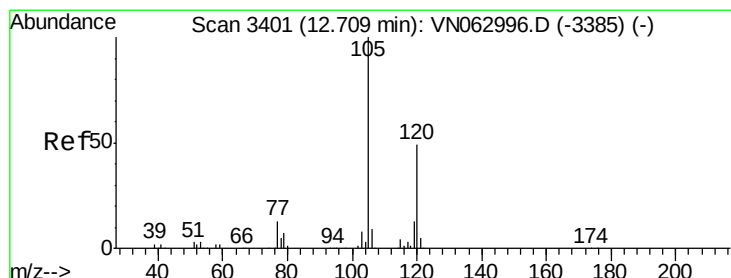
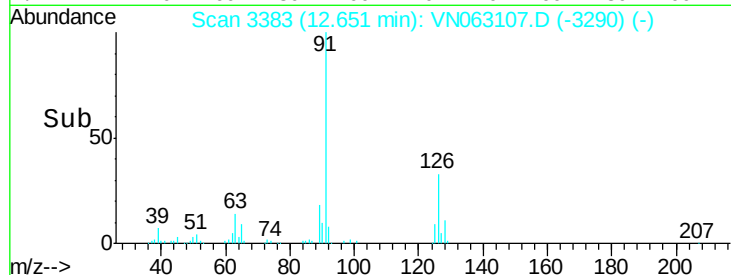
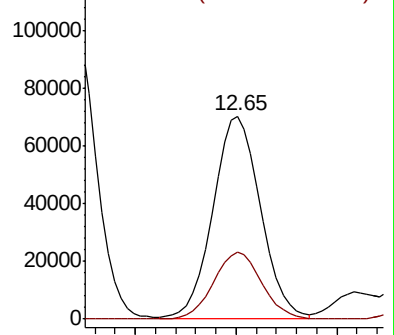
Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.626 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063107.D

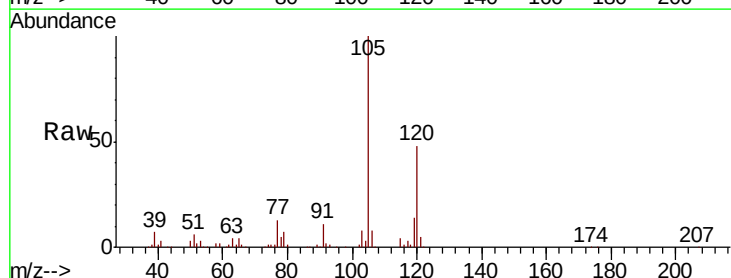
Acq: 25 Aug 2020 12:04

Tgt Ion: 105 Resp: 132739

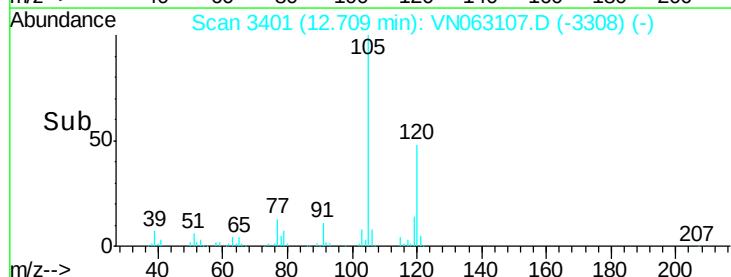
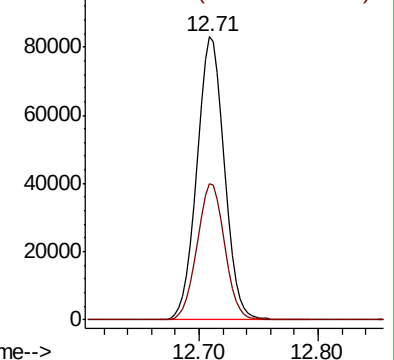
Ion Ratio Lower Upper

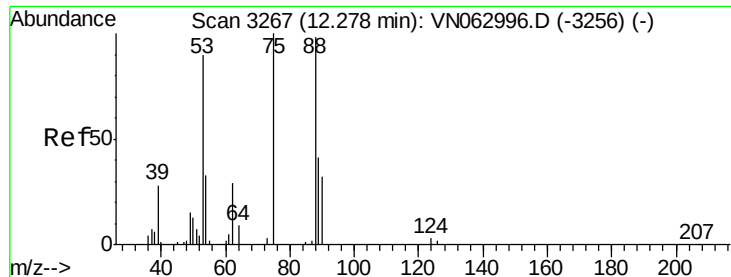
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.823 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

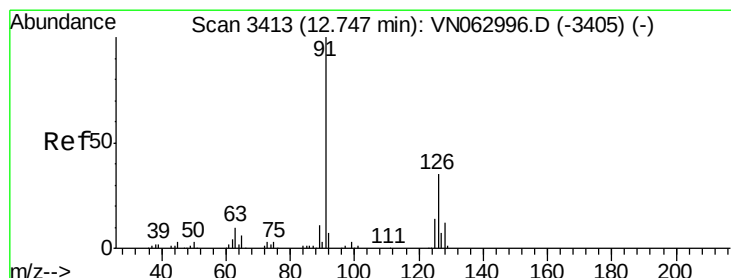
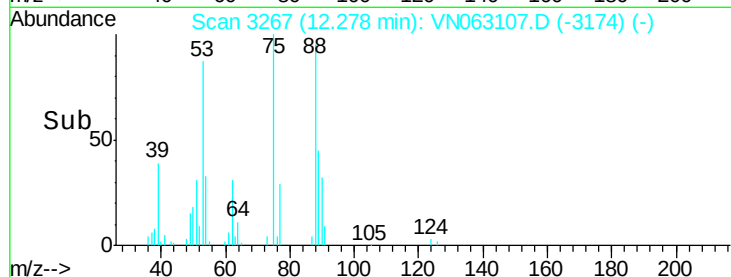
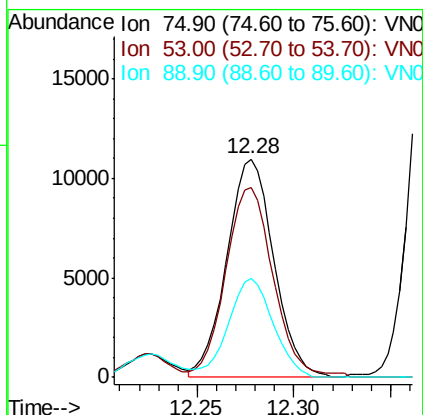
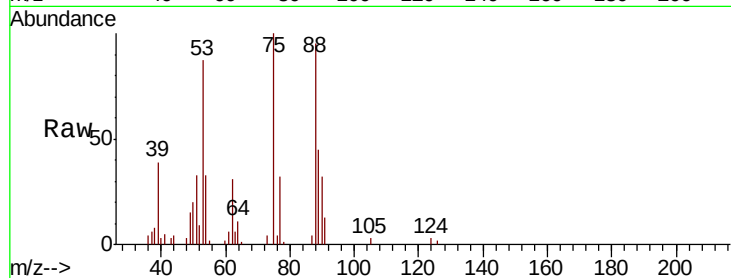
Tot Ion: 75 Resp: 18553

Ion Ratio Lower Upper

75 100

53 88.3 69.2 103.8

89 43.0 34.2 51.4



#82

4-Chlorotoluene

Concen: 19.036 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN063107.D

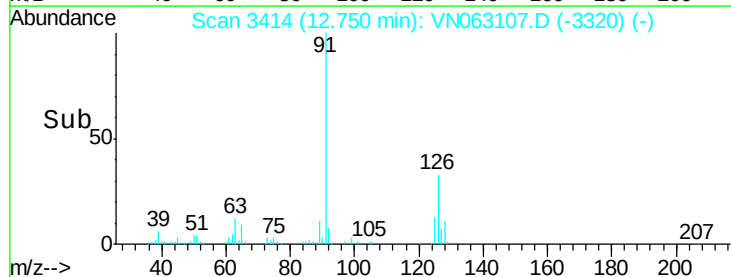
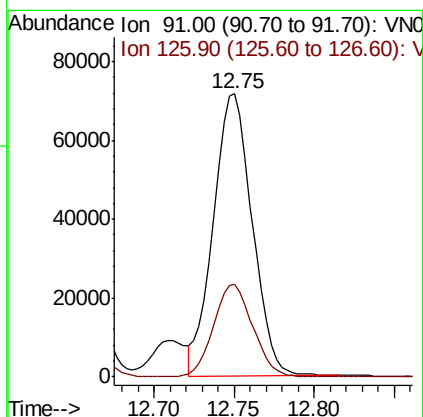
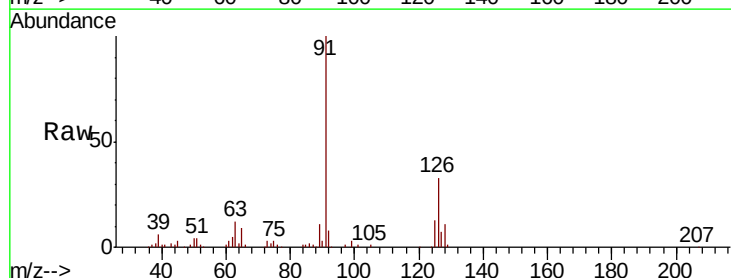
Acq: 25 Aug 2020 12:04

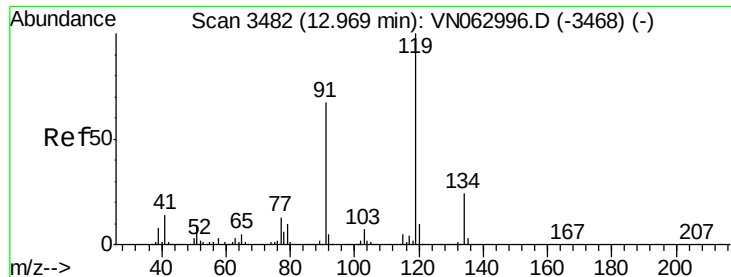
Tgt Ion: 91 Resp: 119800

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5

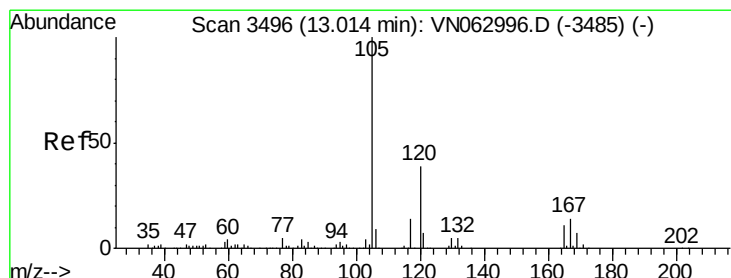
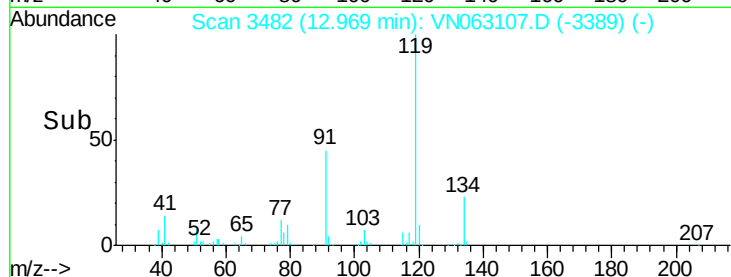
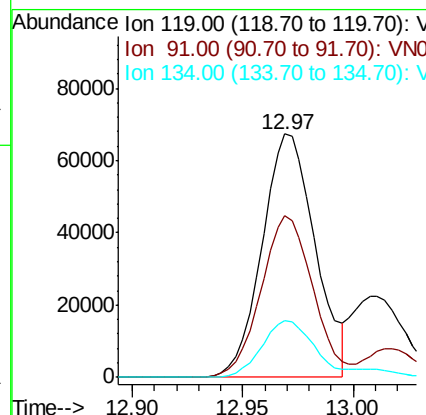
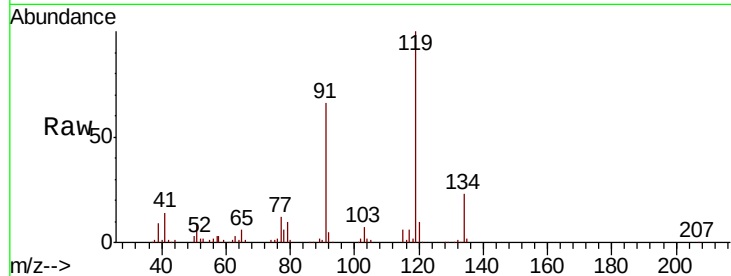




#83
 tert-Butylbenzene
 Concen: 18.291 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

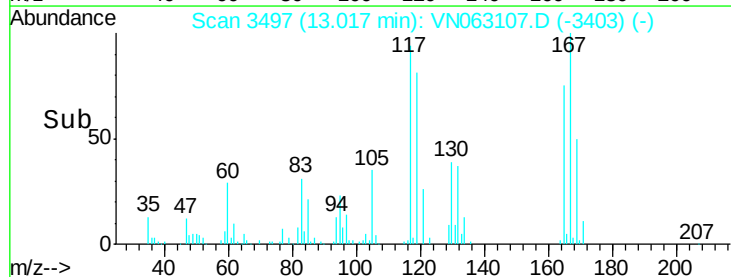
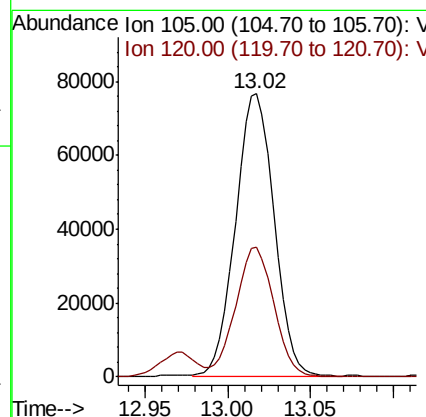
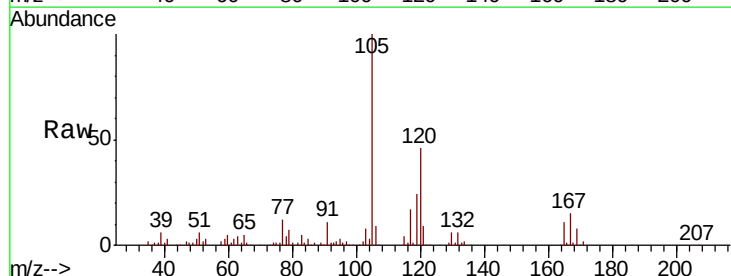
Instrument :
 MSVOA_N
 ClientSampled :
 VN0825WBS01

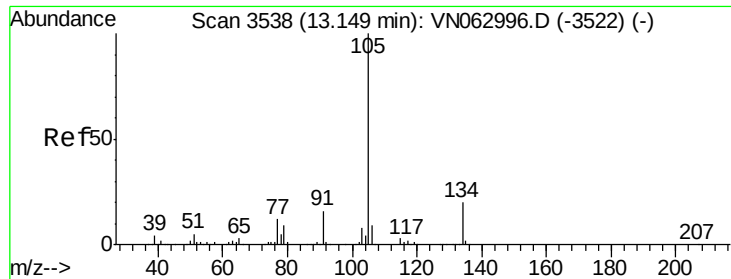
Tot Ion:119 Resp: 112506
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.5 97.4
 134 23.0 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 17.774 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion:105 Resp: 123400
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 17.755 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

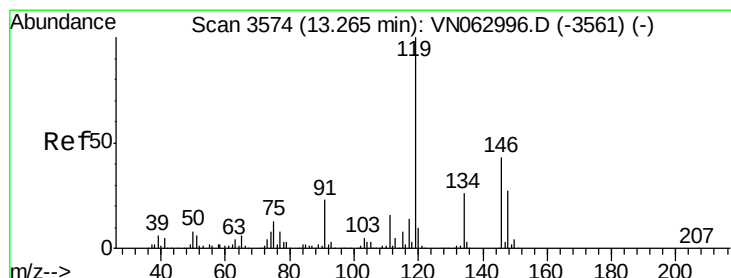
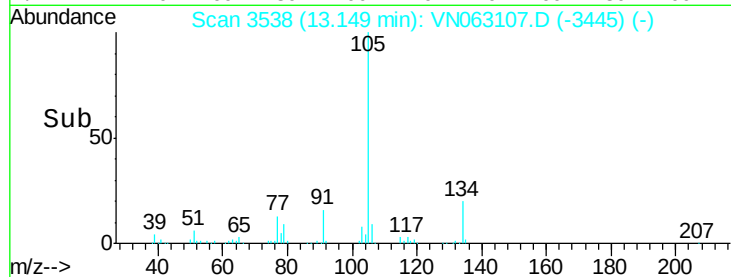
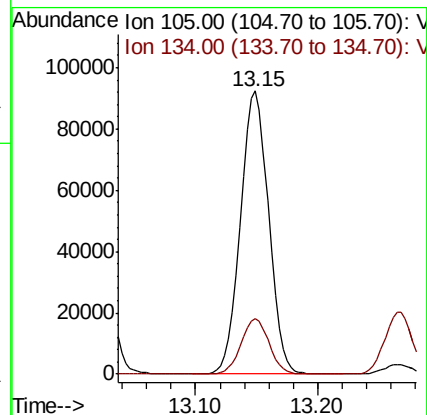
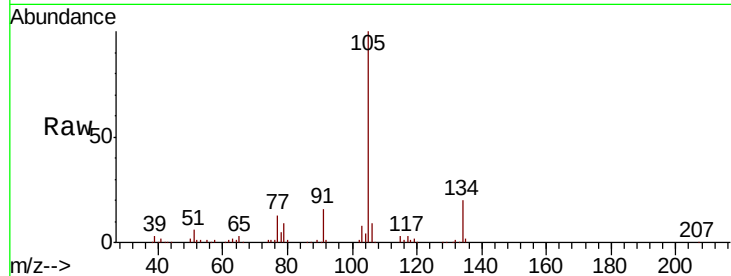
VN0825WBS01

Tot Ion:105 Resp: 147596

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 16.839 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

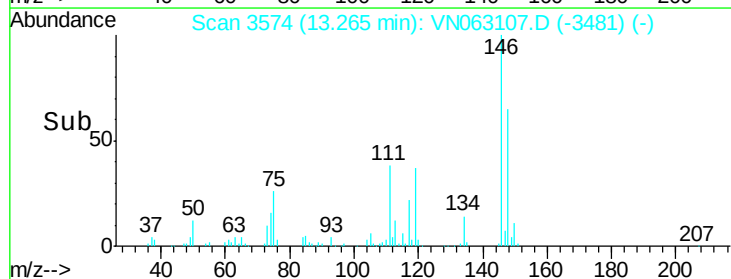
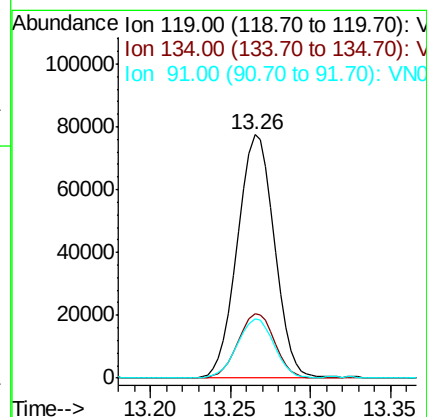
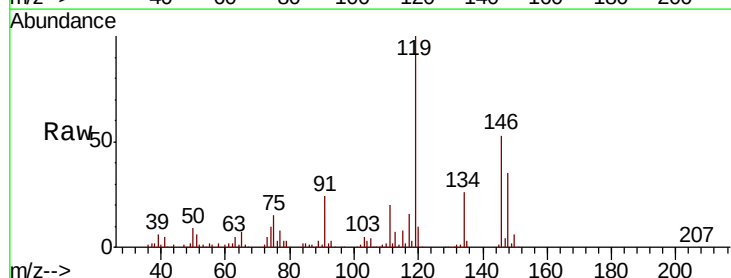
Tgt Ion:119 Resp: 121968

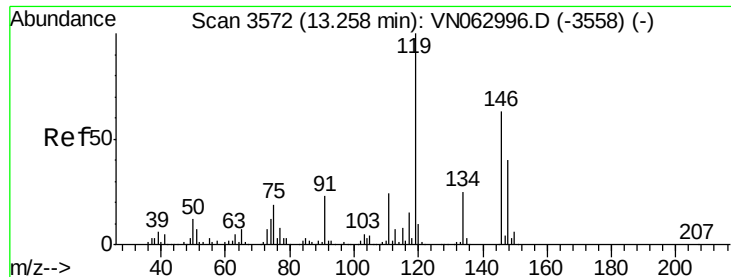
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.558 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

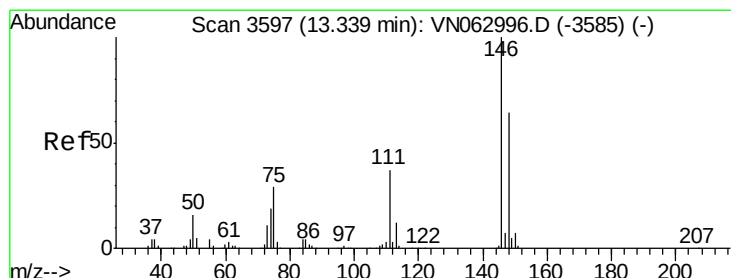
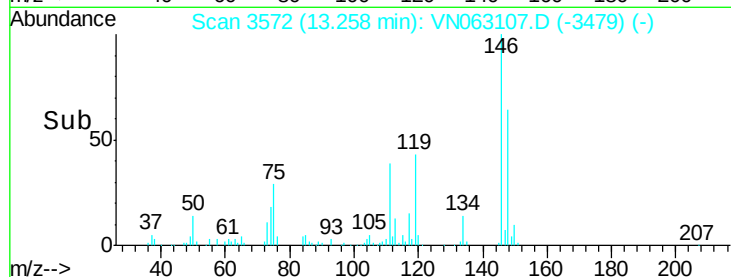
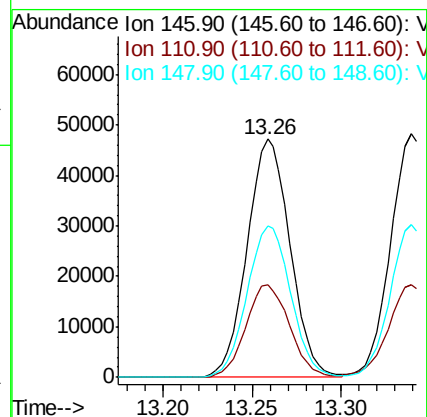
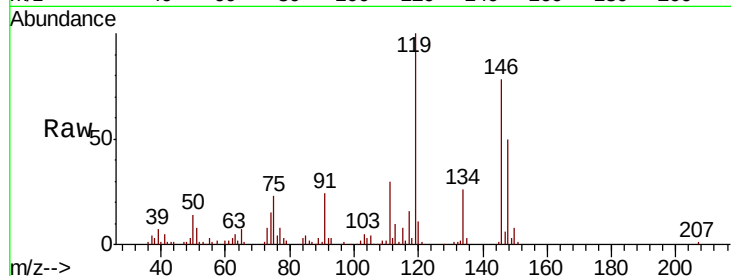
Tot Ion:146 Resp: 79693

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

148 64.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.228 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

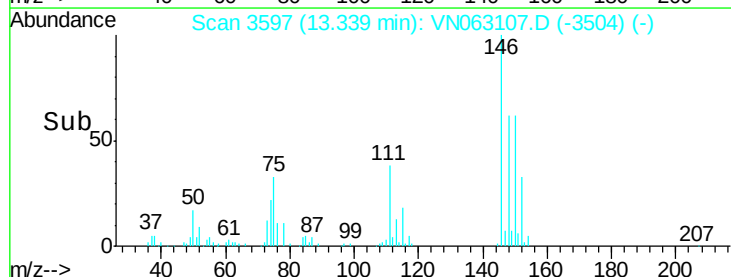
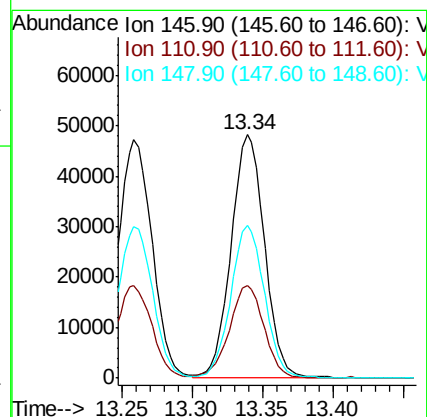
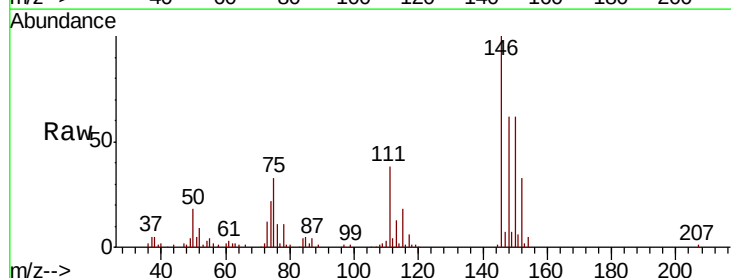
Tgt Ion:146 Resp: 79523

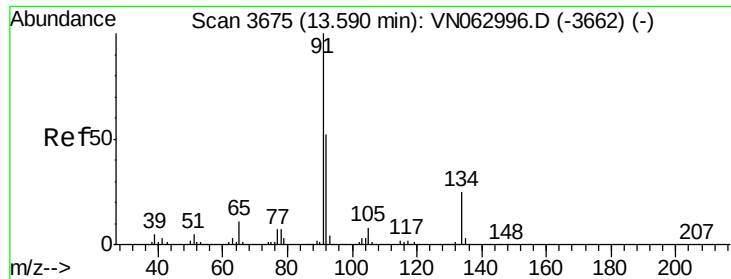
Ion Ratio Lower Upper

146 100

111 39.9 18.8 56.4

148 63.9 32.4 97.0





#89

n-Butylbenzene

Concen: 15.829 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

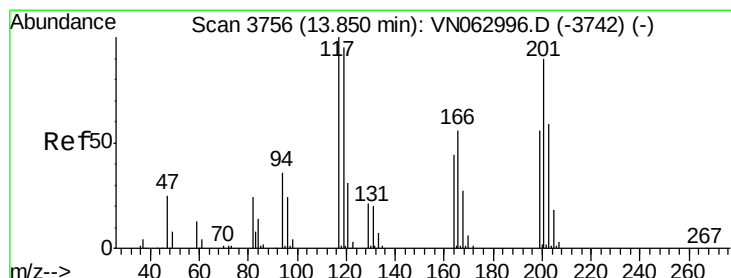
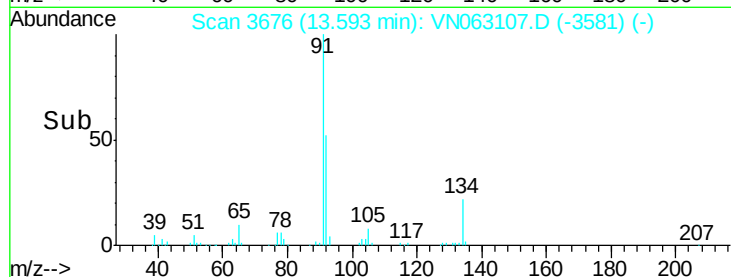
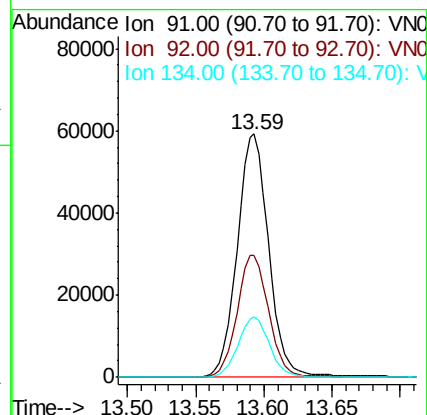
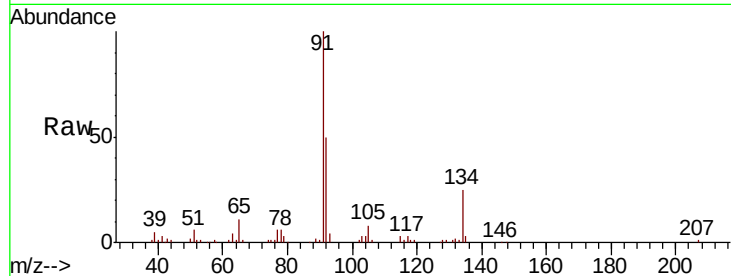
Tot Ion: 91 Resp: 94906

Ion Ratio Lower Upper

91 100

92 50.6 25.9 77.6

134 24.8 12.4 37.0



#90

Hexachloroethane

Concen: 17.312 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN063107.D

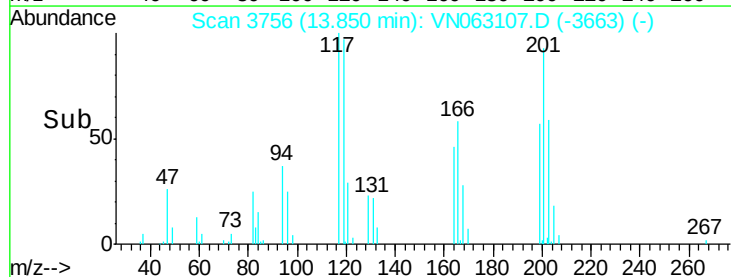
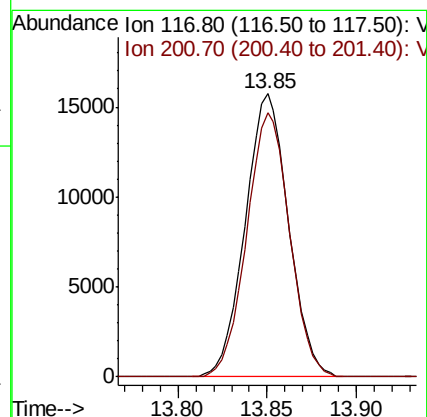
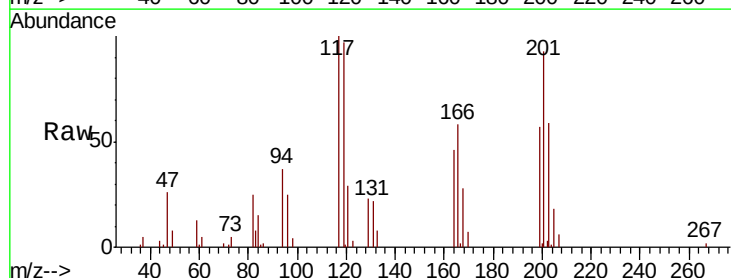
Acq: 25 Aug 2020 12:04

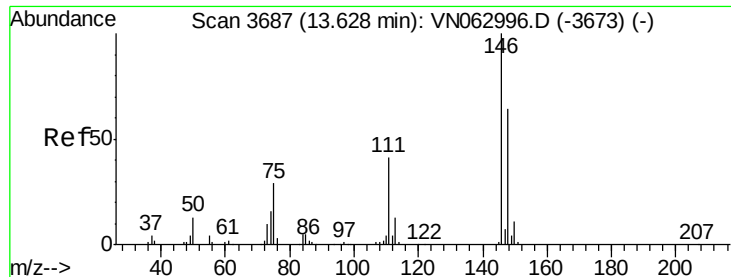
Tgt Ion: 117 Resp: 26652

Ion Ratio Lower Upper

117 100

201 92.0 44.1 132.4

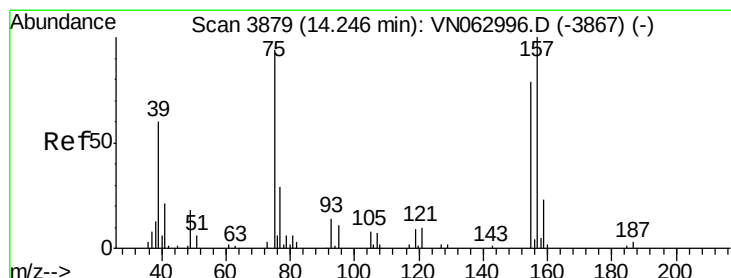
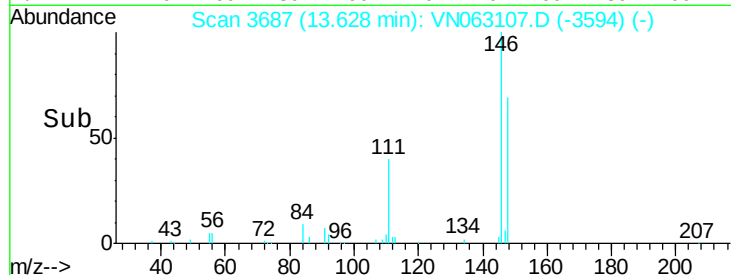
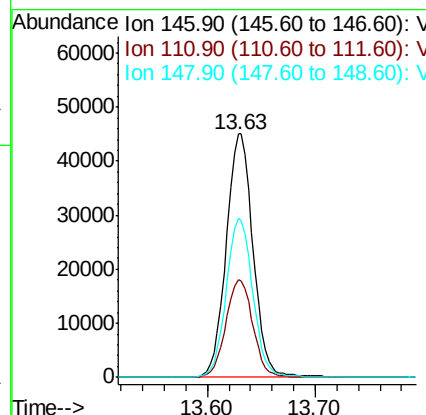
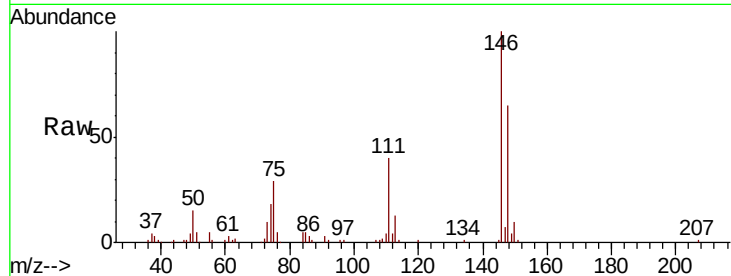




#91
 1,2-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

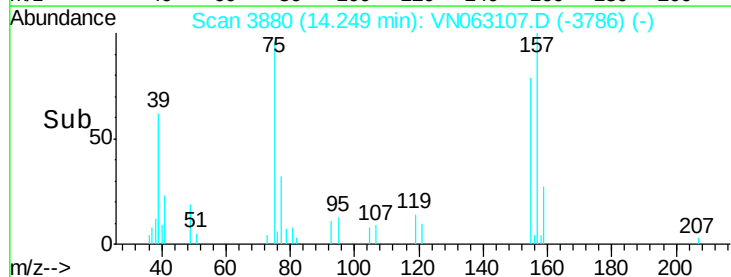
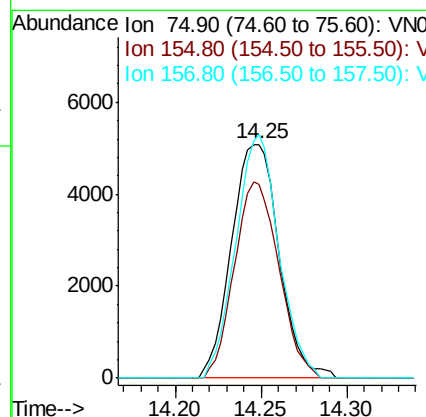
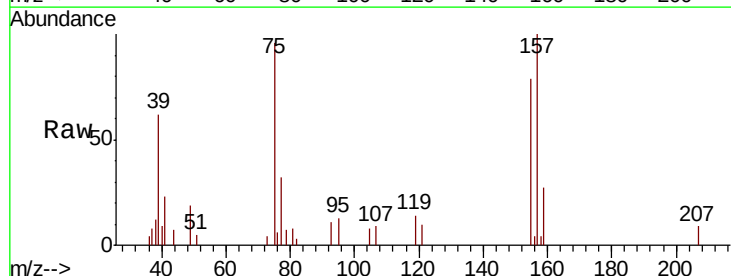
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

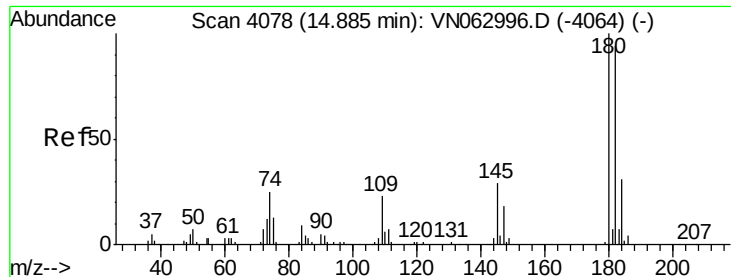
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	64.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.510 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	42.4	127.1
157	94.1	55.2	165.6

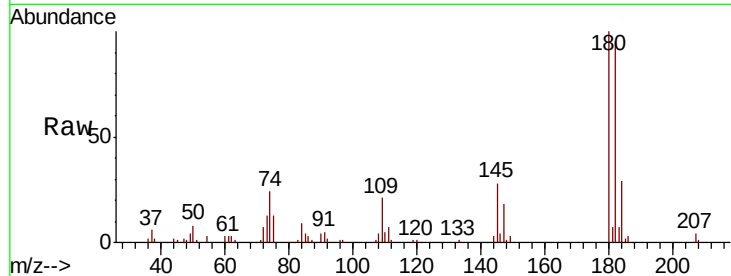




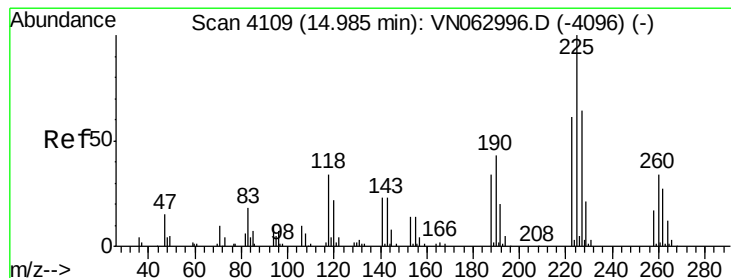
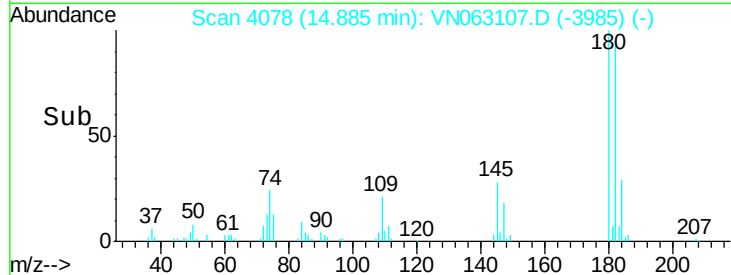
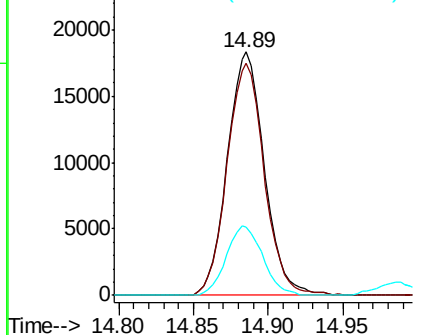
#93
 1,2,4-Trichlorobenzene
 Concen: 17.687 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion:180 Resp: 31539
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.2
 145 28.0 14.1 42.4

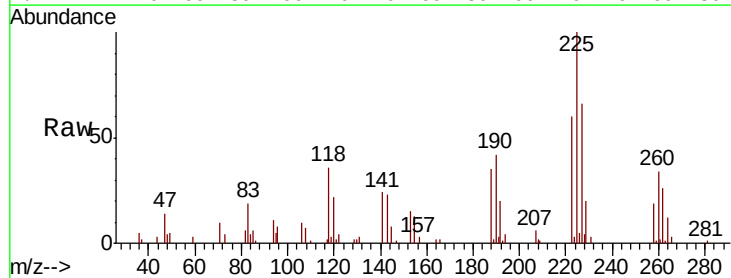


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

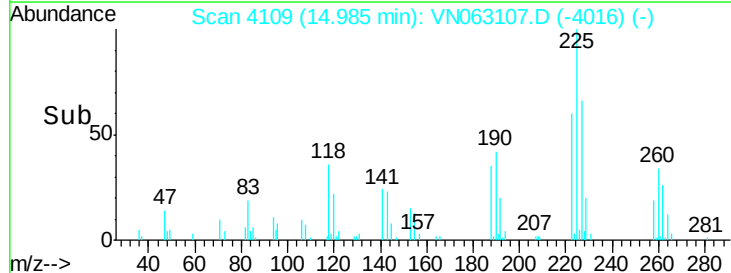
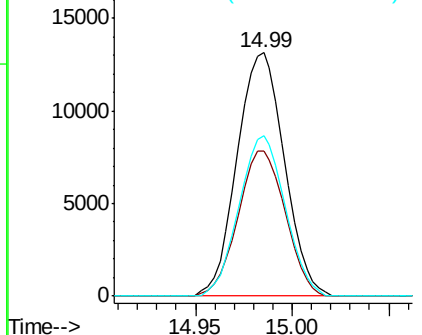


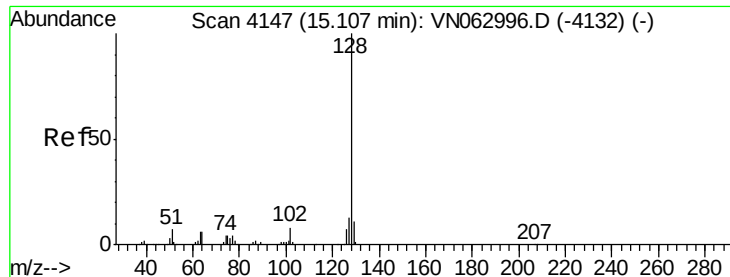
#94
 Hexachlorobutadiene
 Concen: 15.349 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion:225 Resp: 22325
 Ion Ratio Lower Upper
 225 100
 223 59.4 30.9 92.5
 227 64.3 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

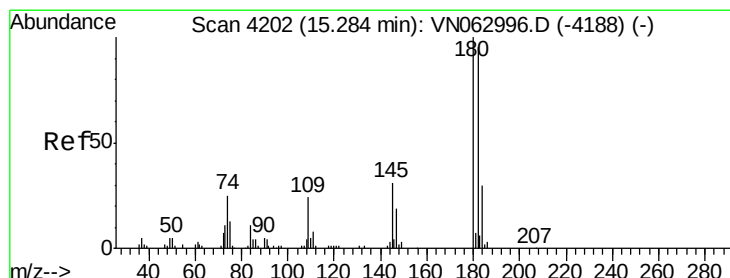
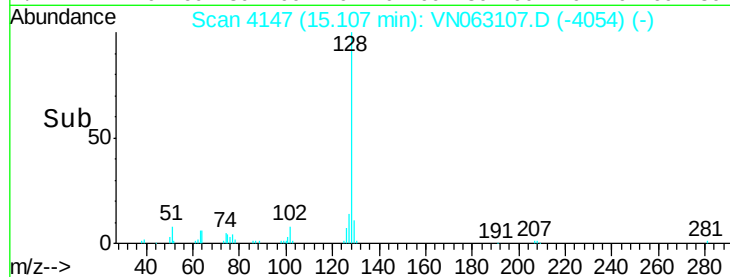
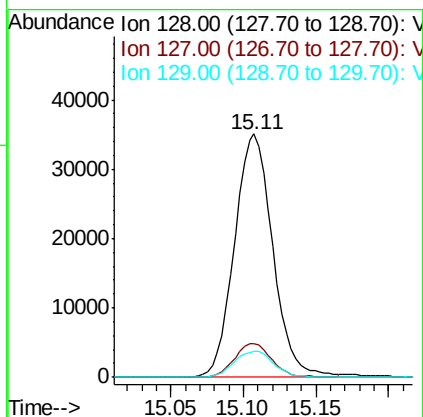
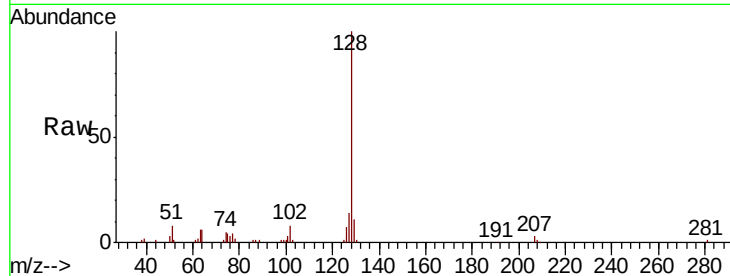




#95
Naphthalene
Concen: 17.030 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion:128 Resp: 64475
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 16.488 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion:180 Resp: 29090
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 28.7 15.6 46.7

